Architects
iS design, pa
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
Mark Valand – Project Architect
Phone: (919) 833-5400

Site Engineering
The Site Group
1111 Oberlin Road
Raleigh, North Carolina 27605
Ed Sconfienza – Principal
Phone: (919) 835-4787

Structural Engineering
RED Engineering & Design, Inc.
126 Salem Towne Court
Apex, North Carolina 27502
Brian Moskow – Structural Engineer
Phone: (919) 833-3486

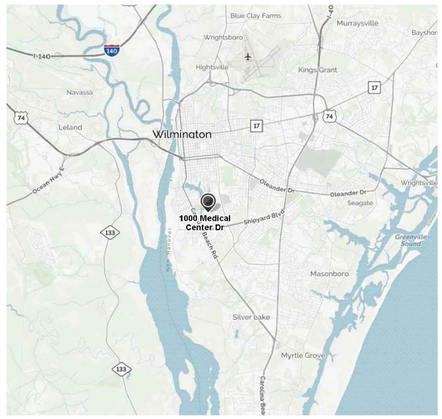
Plumbing, Mechancial, Electrical & Fire Alarm Engineering
Maple Engineering, PLLC
708 St. Mary's Street
Raleigh, North Carolina 27605
Zach Tomlin – PE
Phone: (919) 841-4247
Fax: (919) 890-3797

Sprinkler Design
Crawford Sprinkler Co. of Raleigh
2725 S. Saunders Street
Raleigh, North Carolina 27603
Brian Crawford – PE
Phone: (919) 828-9346
Fax: (919) 839-8164

Food Service Consultant
MSH Consultant Group
300 Wendover Court
Durham, North Carolina 27713
Robert Herman – Principal Consultant
Phone: (919) 201-3308

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA



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isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project
THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client
NEW HANOVER COUNTY, NORTH CAROLINA

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Key Plan

Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title
COVER SHEET

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number
T-100

9/23/2020 5:26 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - T-100 - CD Cover Sheet.dwg

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

ADMINISTRATION/EDUCATION BUILDING - BUILDING 1

Name of Project: THE HEALING PLACE OF NEW HANOVER COUNTY
Address: 1000 MEDICAL CENTER DRIVE Zip Code: 28401
Owner/Authorized Agent: MARK VALAND, AIA Phone # (919) 833-5400
E-Mail mark@isdesignpa.com
Owned By: NEW HANOVER COUNTY
Code Enforcement Jurisdiction: NEW HANOVER COUNTY

CONTACT:

	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
DESIGNER					
Architectural	iS design, p.a.	Mark Valand, AIA	3880	(919)833.5400	mark@isdesignpa.com
Civil	The Site Group	Ed Sconfienza, PE		(919)835.4787	ed@thesitegroup.net
Electrical	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Fire Alarm	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Plumbing	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Mechanical	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Sprinkler-Standpipe	Crawford Sprinkler			(919)828.9346	
Structural	Red Engineering	Brian Moskow, PE		(919)833.3406	
Retaining Walls >5' High				( )	
Other				( )	

("Other" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE:

■ New Building ☐ Addition ☐ Phased Construction Shell/Core
☐ Shell/ Core ☐ 1st Time Interior Completion

2018 NC EXISTING BUILDING CODE:

☐ Prescriptive ☐ Repair ☐ Chapter 14 ☐ Alteration Level I ☐ Alteration Level II
☐ Alteration Level III ☐ Historic Property ☐ Change of Use

CONSTRUCTED: (date) _____ CURRENT OCCUPANCY(S) (Ch. 3): _____
RENOVATED: (date) _____ PROPOSED OCCUPANCY(S) (Ch. 3): _____

OCCUPANCY CATEGORY (Table 1604.5):
Current: ☐ I ☐ II ☐ III ☐ IV
Proposed: ☐ I ■ II ☐ III ☐ IV

BASIC BUILDING DATA

Construction Type: ☐ I-A ☐ I-B ☐ II-A ■ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☐ V-B
Sprinklers: ■ YES ☐ NO ☐ PARTIAL ■ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ■ NO ☐ YES CLASS: ☐ I ☐ II ☐ III Wet ☐ Dry

Primary Fire District: ☐ YES ■ NO **Flood Hazard Area:** ☐ YES ■ NO
Special Inspections Required: ■ YES (CONTACT THE LOCAL INSPECTION JURISDICTION FOR REQUIRMENTS AND PROCEDURES)
☐ NO

Gross Building Area Table

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor	0	16,863	16,863
Basement			
TOTAL	0	16,863	16,863

Area of Work 16,863

ALLOWABLE AREA

Primary Occupancy Classification(s):
Assembly: ☐ A-1 ☐ A-2 ■ A-3 ☐ A-4 ☐ A-5
■ Business ☐ Educational Factory-Industrial: ☐ F-1 ☐ F-2
☐ Mercantile Residential: ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
High Hazard: ☐ H-1 ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5
Institutional: ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 USE CONDITION: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
Storage: ■ S-1 ☐ S-2 ☐ High-piled
S-1 SPECIAL CONDITIONS: ☐ Repair Garage
S-2 SPECIAL CONDITIONS– Parking Garage: ☐ Open ☐ Enclosed
☐ Utility and Miscellaneous

Accessory Occupancy Classification(s): N/A
Incidental Uses (Table 509): N/A
Special Uses (Chapter 4 – List Code Sections):
Special Provisions: (Chapter 5 – List Code Sections):

Mixed Occupancy: ■ YES ☐ NO Separation:_____ Exception: _____
■ NON-SEPARATED USE (508.3) ☐ SEPARATED USE (508.4)

Actual Area of Occupancy A + Actual Area of Occupancy B / Allowable Area of Occupancy A + Allowable Area of Occupancy B < 1

_____ + _____ + ... = _____ < 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2* AREA	(C) AREA FOR FRONTAGE INCREASE *1	(D) ALLOWABLE AREA PER STORY OR UNLIMITED *3
1	A-3 Occupancy	16,863	38,000	NOT USED	38,000
1	B Occupancy	16,863	92,000	NOT USED	92,000
1	S-1 Occupancy	16,863	70,000	NOT USED	70,000

1 Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = _____ (W)
e. Percent of frontage increase If = 100 [F/P – 0.25] x W/30 = _____ (%)
2 Unlimited area applicable under conditions of Section 507.
3 Maximum Building Area = total number of stories in the building x D (maximum3 stories) (506.2).
4 The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
5 Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	75	28'-1"	
Building Height in Stories (Table 504.4)	3	1	

1 Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W_____* REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	N/A	0	0				
Bearing Walls							
Exterior							
North	N/A						
East	N/A						
West	N/A						
South	N/A						
Interior							
Nonbearing Walls and Partitions							
Exterior walls							
North	20'	0	0				
East	>30'	0	0				
West	>30'	0	0				
South	>30'	0	0				
Interior walls and partitions		0	0				
Floor Construction including supporting beams and joists		0	0				
Floor Ceiling Assembly		0	0				
Columns Supporting Floors		N/A					
Roof Construction, including supporting beams and joists		0	0				
Roof Ceiling Assembly		0	0				
Columns Supporting Roof		0	0				
Shaft Enclosures - Exit		N/A					
Shaft Enclosures - Other		N/A					
Corridor Separation		0	0				
Occupancy/Fire Barrier Separation		0	0				
Party/Fire Wall Separation		N/A					
Smoke Barrier Separation		N/A					
Smoke Partition		N/A					
Tenant/Dwelling Unit/ Sleeping Unit Separation		N/A					
Incidental Use Separation		N/A					

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (SF)	ACTUAL SHOWN ON PLANS: BLDG. 1 TO ADJ. PROP. LINE 1-2	BLDG. 1 TO ADJ. PROP. LINE 1-3	BLDG. 1 TO EAST PROPERTY LINE
≥10' thru <20'	UP, S	75%			
20' thru <25'	UP, S	No Limit*	31.40%		
25' thru <30'	UP, S	No Limit*			
≥30'	UP, S	Not Required	Y	Y	Y

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ■ YES ☐ NO
Exit Signs: ■ YES ☐ NO
Fire Alarm: ■ YES ☐ NO
Smoke Detection Systems: ■ YES ☐ NO
Carbon Monoxide Detection: ☐ YES ■ NO

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #:

■ Fire and/or smoke rated wall locations (Chapter 7)
■ Assumed and real property line locations (if not on the site plan)
■ Exterior wall opening area with respect to distance to assumed property lines (705.8)
■ Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
■ Occupant loads for each area
■ Exit access travel distances (1017)
■ Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
■ Dead end lengths (1020.4)
■ Clear exit widths for each exit door
■ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
■ Actual occupant load for each exit door
☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
■ Location of doors with panic hardware (1010.1.10)
☐ Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
☐ Location of doors with electromagnetic egress locks (1010.1.9.9)
☐ Location of doors equipped with hold-open devices
☐ Location of emergency escape windows (1030)
☐ The square footage of each fire area (202)
☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
☐ Note any code exceptions or table notes that may have been utilized regarding the items above

NOT APPLICABLE

ACCESSIBLE DWELLING UNITS
(SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES: REQUIRED	PROVIDED	# OF ACCESSIBLE SPACES PROVIDED: REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	TOTAL # ACCESSIBLE SPACES PROVIDED
Main	77	121	4	0	4	8
						0
TOTAL	77	121	4	0	4	8

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	WATERCLOSETS UNISEX	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	LAVATORIES UNISEX	SHOWERS / TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
SPACE	EXIST'G										
	NEW	4	7	1	4	5	5	1	0	2	1
	REQ'D	4	5	0	0	2	2	0	0	1	1

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

ENERGY SUMMARY

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: ☐ YES (THE REMAINDER OF THIS SECTION IS NOT APPLICABLE) ☐ NO

Exempt Building: Provide code or statutory reference: ☐ YES ■ NO

Climate Zone: ■ 3A ☐ 4A ☐ 5A

Method of Compliance:
☐ ENERGY CODE: PERFORAMCE
☐ ENERGY CODE: PERSCRIPTIVE
■ ASHRAE 90.1: PERFORMANCE (SEE COMCHECK BELOW)
☐ ASHRAE 90.1: PERSCRIPTIVE
☐ OTHER: PERFORMANCE (If "Other" specify source here)

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:

Importance Factors: Wind (IW) ■ 1.0
Snow (IS) ☐ 0.8 ■ 1.0 ☐ 1.1 ☐ 1.2
Seismic (IE) ■ 1.0 ☐ 1.25 ☐ 1.5

Live Loads:
Roof 20 psf
Mezzanine N/A psf
Floor 100 psf

Ground Snow Load: 10 psf

Wind Load: Basic Wind Speed 146 mph (ASCE-7)
Exposure Category ■ B ☐ C ☐ D

SEISMIC DESIGN CATEGORY: ☐ A ☐ B ■ C ☐ D

Provide the following Seismic Design Parameters:
Occupancy Category (Table 1604.5) ☐ I ■ II ☐ III ☐ IV
Spectral Response Acceleration SS 0.221 **%g** S1 0.092 %g
Site Classification (ASCE 7) ☐ A ☐ B ☐ C ■ D ☐ E ☐ F
Data Source: ☐ FIELD TEST ■ PRESUMPTIVE ☐ HISTORICAL DATA

Basic structural system
☐ BEARING WALL ☐ DUAL W/ SPECIAL MOMENT FRAME*
■ BUILDING FRAME ☐ DUAL W/ INTERMEDIATE R/C OR SPECIAL FRAME
■ MOMENT FRAME ☐ INVERTED PENDULUM

Analysis Procedure:
☐ SIMPLIFIED
■ EQUIVALENT LATERAL FORCE
☐ DYNAMIC

Architectural, Mechanical, Components anchored? ☐ YES ■ NO

LATERAL DESIGN CONTROL: ☐ EARTHQUAKE ■ WIND

SOIL BEARING CAPACITIES:
☐ FIELD TEST (Provide copy of test report) _____ psf
■ PRESUMPTIVE BEARING CAPACITY 2,000 psf
Pile size, type, and capacity N/A

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone
winter dry bulb: _____
summer dry bulb: _____

Interior design conditions
winter dry bulb: _____
summer dry bulb: _____
relative humidity: _____

Building heating load: _____

Building cooling load: _____

Mechanical Spacing Conditioning System
Unitary
description of unit: _____
heating efficiency: _____
cooling efficiency: _____
size category of unit: _____
Boiler
Size category. If oversized, state reason.: _____
Chiller
Size category. If oversized, state reason.: _____

List equipment efficiencies: _____

SEE MECHANICAL SHEETS

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance:
☐ ENERGY CODE: PERFORAMCE
☐ ENERGY CODE: PERSCRIPTIVE
☐ ASHRAE 90.1: PERFORMANCE
☐ ASHRAE 90.1: PERSCRIPTIVE
☐ OTHER: PERFORMANCE

Lighting schedule (each fixture type)
lamp type required in fixture
number of lamps in fixture
ballast type used in the fixture
number of ballasts in fixture
total wattage per fixture
total interior wattage specified vs. allowed (whole building or space by space)
total exterior wattage specified vs. allowed

Additional Efficiency Package Options
(When using the 2018 NCECC; not required for ASHRAE 90.1)
☐ C406.2 More Efficient HVAC Equipment Performance
☐ C406.3 Reduced Lighting Power Density
☐ C406.4 Enhanced Digital Lighting Controls
☐ C406.5 On-Site Renewable Energy
☐ C406.6 Dedicated Outdoor Air System
☐ C406.7 Reduced Energy Use in Service Water Heating

SEE ELECTRICAL SHEETS

COMcheck Software Version 4.1.4.2
Envelope Compliance Certificate

Project Information

Energy Code:	90.1 (2010) Standard
Project Title:	Building 1 - Administration Building - The Healing Place of New Hanover County
Location:	Wilmington, North Carolina
Climate Zone:	3a
Project Type:	New Construction
Vertical Glazing / Wall Area:	32%

Construction Site:
1000 Medical Center Drive
Wilmington, NC 28401

Owner/Agent:
Kevin Caison
New Hanover County / Facilies Project Manager
200 Division Drive
Wilmington, NC 28401
910-798-4338
kcaison@nhcgov.com

Designer/Contractor:
Mark Valand
iS design, PA
1111 Haynes Street, Suite 103
Raleigh, NC 27604
(919)833-5400
mark@isdesignpa.com

Building Area	Floor Area
1-Admin offices for facility support (Office) : Nonresidential	15430
2-Health Clinic (Health Care-Clinic) : Nonresidential	1433

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Roof 1: Insulation Entirely Above Deck: High Albedo Roof Required, 3-Year-Aged Solar Reflectance = 0.69, Thermal Emittance = 0.83 (d), [Bldg. Use 1 - Admin offices for facility support]	15430	---	25.0	0.039	0.048
Roof 2: Insulation Entirely Above Deck: High Albedo Roof Required, 3-Year-Aged Solar Reflectance = 0.69, Thermal Emittance = 0.83 (d), [Bldg. Use 1 - Admin offices for facility support]	1433	---	25.0	0.039	0.048
Exterior Wall 1: Steel-Framed, 16" o.c., [Bldg. Use 1 - Admin offices for facility support]	9486	19.0	10.0	0.052	0.084
Window 1: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Admin offices for facility support] (b)	2373	---	---	0.420	0.650
Window 2: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.65, [Bldg. Use 1 - Admin offices for facility support] (b)	406	---	---	0.420	0.650
Window 3: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.00, [Bldg. Use 1 - Admin offices for facility support] (b)	92	---	---	0.420	0.650
Window 6: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 2.84, [Bldg. Use 1 - Admin offices for facility support] (b)	205	---	---	0.420	0.650
Window 7: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.45, [Bldg. Use 1 - Admin offices for facility support] (b)	173	---	---	0.420	0.650
Door 2: Glass (> 50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.45, [Bldg. Use 1 - Admin offices for facility support] (b)	48	---	---	0.420	0.900
Door 3: Glass (> 50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Admin offices for facility support] (b)	129	---	---	0.420	0.900
Door 4: Glass (> 50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.65, [Bldg. Use 1 - Admin offices for facility support] (b)	42	---	---	0.420	0.900
Door 5: Insulated Metal, Swinging, [Bldg. Use 1 - Admin offices for facility support]	21	---	---	0.680	0.700
Exterior Wall 2: Steel-Framed, 16" o.c., [Bldg. Use 2 - Health Clinic]	1522	19.0	10.0	0.052	0.084
Window 4: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 2 - Health Clinic] (b)	232	---	---	0.420	0.650
Window 5: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.00, [Bldg. Use 2 - Health Clinic] (b)	96	---	---	0.420	0.650
Door 1: Glass (> 50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.00, [Bldg. Use 2 - Health Clinic] (b)	21	---	---	0.420	0.900
Exterior Wall 3: Steel-Framed, 16" o.c., [Bldg. Use 1 - Admin offices for facility support]	4169	19.0	10.0	0.052	0.084
Window 8: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Admin offices for facility support] (b)	894	---	---	0.420	0.650
Window 9: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.53, [Bldg. Use 1 - Admin offices for facility support] (b)	115	---	---	0.420	0.650
Floor 1: Slab-On-Grade:Unheated, [Bldg. Use 1 - Admin offices for facility support] (c)	832	---	---	0.730	0.730
Floor 2: Slab-On-Grade:Unheated, [Bldg. Use 2 - Health Clinic] (c)	161	---	---	0.730	0.730

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.
(d) High albedo roof requirement options: 1) 3-year aged solar reflectance >= 0.55 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0.

Envelope PASSES: Design 10% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 90.1 (2010) Standard requirements in COMcheck Version 4.1.4.2 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Mark Valand, AIA — Name - Title
Mark Valand — Signature
09/09/20 — Date

isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project
THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client
NEW HANOVER COUNTY, NORTH CAROLINA

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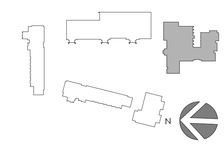
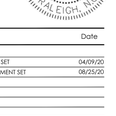
Key Plan



Professional Seals



No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title
BUILDING CODE SUMMARY ADMINISTRATIVE/ EDUCATION BUILDING
Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number
T-101

9/23/2020 1:40 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - T-101 CD Administrative Building BCS.dwg

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

DINING/SHELTER/STORAGE BUILDING - BUILDING 2

Name of Project: THE HEALING PLACE OF NEW HANOVER COUNTY
Address: 1000 MEDICAL CENTER DRIVE Zip Code: 28401
Owner/Authorized Agent: MARK VALAND, AIA Phone # (919) 833-5400
E-Mail: mark@isdesignpa.com
Owned By: NEW HANOVER COUNTY
Code Enforcement Jurisdiction: NEW HANOVER COUNTY

CONTACT:

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	iS design, p.a.	Mark Valand, AIA	3880	(919)833.5400	mark@isdesignpa.com
Civil	The Site Group	Ed Sconfienza, PE		(919)835.4787	ed@thesitegroup.net
Electrical	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Fire Alarm	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Plumbing	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Mechanical	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Sprinkler-Standpipe	Crawford Sprinkler			(919)828.9346	
Structural	Red Engineering	Brian Moskow, PE		(919)834.3486	
Retaining Walls >5' High				( )	
Other				( )	

("Other" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE:
■ New Building ☐ Addition ☐ Phased Construction Shell/Core
☐ Shell/ Core ☐ 1st Time Interior Completion

2018 NC EXISTING BUILDING CODE:
☐ Prescriptive ☐ Repair ☐ Chapter 14 ☐ Alteration Level I ☐ Alteration Level II
☐ Alteration Level III ☐ Historic Property ☐ Change of Use

CONSTRUCTED: (date) ________ CURRENT OCCUPANCY(S) (Ch. 3): ________
RENOVATED: (date) ________ PROPOSED OCCUPANCY(S) (Ch. 3): ________

OCCUPANCY CATEGORY (Table 1604.5):
Current: ☐ I ☐ II ☐ III ☐ IV
Proposed: ☐ I ■ II ☐ III ☐ IV

BASIC BUILDING DATA
Construction Type: ☐ I-A ☐ I-B ☐ II-A ■ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☐ V-B
Sprinklers: ■ YES ☐ NO ☐ PARTIAL ■ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ■ NO ☐ YES CLASS: ☐ I ☐ II ☐ III ☐ Wet ☐ Dry

Primary Fire District: ☐ YES ■ NO **Flood Hazard Area:** ☐ YES ■ NO
Special Inspections Required: ■ YES (CONTACT THE LOCAL INSPECTION JURISDICTION FOR REQUIRMENTS AND PROCEDURES)
☐ NO

Gross Building Area Table

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor	0	19,999	19,999
Basement			
TOTAL	0	19,999	19,999

Area of Work 19,999

ALLOWABLE AREA

Primary Occupancy Classification(s):
Assembly: ☐ A-1 ■ A-2 ☐ A-3 ☐ A-4 ☐ A-5
■ Business ☐ Educational Factory-Industrial: ☐ F-1 ☐ F-2
☐ Mercantile Residential: ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
High Hazard: ☐ H-1 ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5
Institutional: ■ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 USE CONDITION: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
Storage: ■ S-1 ☐ S-2 ☐ High-piled
S-1 SPECIAL CONDITIONS: ☐ Repair Garage
S-2 SPECIAL CONDITIONS-- Parking Garage: ☐ Open ☐ Enclosed
☐ Utility and Miscellaneous

NOTE - I-1 OCCUPANCY IS CONDITION 1 AS DEFINED IN SECTION 308 OF THE NCSBC

Accessory Occupancy Classification(s):
Incidental Uses (Table 509): LAUNDRY ROOMS OVER 100 SQUARE FEET
Special Uses (Chapter 4 – List Code Sections): SECTION 420.2
Special Provisions: (Chapter 5 – List Code Sections):

Mixed Occupancy: ■ YES ☐ NO Separation: ________ Exception: ________
■ NON-SEPARATED USE (508.3) ☐ SEPARATED USE (508.4)

$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$

________ + ________ + ... = ________ ≤ 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2[4] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED[2,3]
1	A-2 Occupancy	19,999	38,000	NOT USED	38,000
1	B Occupancy	19,999	92,000	NOT USED	92,000
1	S-1 Occupancy	19,999	70,000	NOT USED	70,000
1	I-1 Occupancy	19,999	40,000	NOT USED	40,000

1 Frontage area increases from Section 506.2 are computed thus:
  a. Perimeter which fronts a public way or open space having 20 feet minimum width = _______ (F)
  b. Total Building Perimeter = ________ (P)
  c. Ratio (F/P) = __________ (F/P)
  d. W = Minimum width of public way = ________ (W)
  e. Percent of frontage increase If = 100 [F/P – 0.25] x W/30 = ________ (%)
2 Unlimited area applicable under conditions of Section 507.
3 Maximum Building Area = total number of stories in the building x D (maximum3 stories) (506.2).
4 The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
5 Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	75	23'-4"	
Building Height in Stories (Table 504.4)	3	1	

1 Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES REQUIRED	TOTAL # OF PARKING SPACES PROVIDED	# OF ACCESSIBLE SPACES PROVIDED: REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	TOTAL # ACCESSIBLE SPACES PROVIDED
Main	77	121	4		4	8
						0
TOTAL	77	121	4	0	4	8

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	WATERCLOSETS UNISEX	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	LAVATORIES UNISEX	SHOWERS / TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
MEN'S SHELTER & PROGRAM BEDS	EXIST'G										
	NEW	7	0*	0	6	7	0*	0	9	1	1
	REQ'D	7	0*	0	0	7	0*	0	9	1	0

* THIS SUITE IS FOR EXCLUSIVE MALE OCCUPANCY - ALL ABOVE CALCULATIONS ARE BASED ON 100% OF OCCUPANTS BEING MALE

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	WATERCLOSETS UNISEX	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	LAVATORIES UNISEX	SHOWERS / TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
DINING & STORAGE SUITE	EXIST'G										
	NEW	1	3	0	2	2	2	0	0	0	0
	REQ'D	3	3	0	0	1	1	0	0	1	0

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	WATERCLOSETS UNISEX	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	LAVATORIES UNISEX	SHOWERS / TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
WOMEN'S SHELTER & PROGRAM BEDS	EXIST'G										
	NEW	0**	12	0	0**	0**	8	0	12	1	1
	REQ'D	0	8	0	0**	0**	8	0	9	1	0

** THIS SUITE IS FOR EXCLUSIVE FEMALE OCCUPANCY - ALL ABOVE CALCULATIONS ARE BASED ON 100% OF OCCUPANTS BEING FEMALE

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)
NOT REQUIRED

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/___* REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	N/A	0	0				
Bearing Walls							
Exterior							
North	N/A						
East	N/A						
West	N/A						
South	N/A						
Interior							
Nonbearing Walls and Partitions							
Exterior walls							
North	>30'	0	0				
East	25'	0	0				
West	>30'	0	0				
South	20'	0	0				
Interior walls and partitions		0	0				
Floor Construction Including supporting beams and joists		N/A					
Floor Ceiling Assembly		N/A					
Columns Supporting Floors		N/A					
Roof Construction, including supporting beams and joists		0	0				
Roof Ceiling Assembly		0	0				
Columns Supporting Roof		0	0				
Shaft Enclosures - Exit		N/A					
Shaft Enclosures - Other		N/A					
Corridor Separation		0	0				
Occupancy/Fire Barrier Separation		0	0				
Party/Fire Wall Separation		N/A					
Smoke Barrier Separation		N/A					
Smoke Partition		N/A					
Tenant/Dwelling Unit/ Sleeping Unit Separation		1 **	1	U419			
Incidental Use Separation		N/A					

* Indicate section number permitting reduction
**Indicates partition complying with Section 420.2 of NCSBC

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: ________________

■ Fire and/or smoke rated wall locations (Chapter 7)
■ Assumed and real property line locations (if not on the site plan)
■ Exterior wall opening area with respect to distance to assumed property lines (705.8)
■ Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
■ Occupant loads for each area
■ Exit access travel distances (1017)
■ Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
■ Dead end lengths (1020.4)
■ Clear exit widths for each exit door
■ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
■ Actual occupant load for each exit door
☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
■ Location of doors with panic hardware (1010.1.10)
☐ Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
☐ Location of doors with electromagnetic egress locks (1010.1.9.9)
☐ Location of doors equipped with hold-open devices
☐ Location of emergency escape windows (1030)
☐ The square footage of each fire area (202)
☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
☐ Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS
(SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
23	2	2	0	0	21	21	23

ENERGY SUMMARY

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: ☐ YES (THE REMAINDER OF THIS SECTION IS NOT APPLICABLE) ☐ NO

Exempt Building: Provide code or statutory reference: ☐ YES ■ NO

Climate Zone: ■ 3A ☐ 4A ☐ 5A

Method of Compliance:
☐ ENERGY CODE: PERFORAMCE
☐ ENERGY CODE: PERSCRIPTIVE
■ ASHRAE 90.1: PERFORMANCE (SEE COMCHECK BELOW)
☐ ASHRAE 90.1: PERSCRIPTIVE
☐ OTHER: PERFORMANCE (If "Other" specify source here)________

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:

Importance Factors: Wind (IW) ■ 1.0
Snow (IS) ☐ 0.8 ■ 1.0 ☐ 1.1 ☐ 1.2
Seismic (IE) ■ 1.0 ☐ 1.25 ☐ 1.5

Live Loads: Roof 20 psf; Mezzanine N/A psf; Floor 100 psf

Ground Snow Load: 10 psf

Wind Load: Basic Wind Speed 146 mph (ASCE-7)
Exposure Category ■ B ☐ C ☐ D

SEISMIC DESIGN CATEGORY: ☐ A ☐ B ■ C ☐ D

Provide the following Seismic Design Parameters:
Occupancy Category (Table 1604.5) ☐ I ■ II ☐ III ☐ IV
Spectral Response Acceleration SS 0.221 **%g** S1 0.092 %g
Site Classification (ASCE 7) ☐ A ☐ B ☐ C ■ D ☐ E ☐ F
Data Source: ☐ FIELD TEST ■ PRESUMPTIVE ☐ HISTORICAL DATA

Basic structural system
☐ BEARING WALL ☐ DUAL W/ SPECIAL MOMENT FRAME`
■ BUILDING FRAME ☐ DUAL W/ INTERMEDIATE R/C OR SPECIAL FRAME
■ MOMENT FRAME ☐ INVERTED PENDULUM

Analysis Procedure:
☐ SIMPLIFIED
■ EQUIVALENT LATERAL FORCE
☐ DYNAMIC

Architectural, Mechanical, Components anchored? ☐ YES ■ NO

LATERAL DESIGN CONTROL: ☐ EARTHQUAKE ■ WIND

SOIL BEARING CAPACITIES:
☐ FIELD TEST (Provide copy of test report) ________ psf
■ PRESUMPTIVE BEARING CAPACITY 2,000 psf
Pile size, type, and capacity N/A

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ■ YES ☐ NO
Exit Signs: ■ YES ☐ NO
Fire Alarm: ■ YES ☐ NO
Smoke Detection Systems: ■ YES ☐ NO
Carbon Monoxide Detection: ■ YES ☐ NO

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone
winter dry bulb: ________
summer dry bulb: ________

Interior design conditions
winter dry bulb: ________
summer dry bulb: ________
relative humidity: ________

Building heating load: ________

Building cooling load: ________

Mechanical Spacing Conditioning System
Unitary
description of unit: ________
heating efficiency: ________
cooling efficiency: ________
size category of unit: ________
Boiler
Size category. If oversized, state reason.: ________
Chiller
Size category. If oversized, state reason.: ________

List equipment efficiencies: ________

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance:
☐ ENERGY CODE: PERFORAMCE
☐ ENERGY CODE: PERSCRIPTIVE
☐ ASHRAE 90.1: PERFORMANCE
☐ ASHRAE 90.1: PERSCRIPTIVE
☐ OTHER: PERFORMANCE

Lighting schedule (each fixture type)
lamp type required in fixture
number of lamps in fixture
ballast type used in the fixture
number of ballasts in fixture
total wattage per fixture
total interior wattage specified vs. allowed (whole building or space by space)
total exterior wattage specified vs. allowed

Additional Efficiency Package Options
(When using the 2018 NCECC; not required for ASHRAE 90.1)
☐ C406.2 More Efficient HVAC Equipment Performance
☐ C406.3 Reduced Lighting Power Density
☐ C406.4 Enhanced Digital Lighting Controls
☐ C406.5 On-Site Renewable Energy
☐ C406.6 Dedicated Outdoor Air System
☐ C406.7 Reduced Energy Use in Service Water Heating

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS: BLDG. 2 TO ASSUMED PROP. LINE 1-2	BLDG. 2 TO ASSUMED PROP. LINE 2-3	BLDG. 2 TO EAST PROPERY LINE
≥15' Thru <20'	UP, S	75%			
≥20' Thru <25'	UP, S	No Limit	16.90%		
≥25' Thru <30'	UP, S	No Limit			15.20%
≥30'	UP, S	Not Required		√	

COMcheck Software Version 4.1.4.2
Envelope Compliance Certificate

Project Information

Energy Code: 90.1 (2010) Standard
Project Title: Building 2 - Dining / Shelter / Storage Building - The Healing Place of New Hanover County
Location: Wilmington, North Carolina
Climate Zone: 3a
Project Type: New Construction
Vertical Glazing / Wall Area: 19%

Construction Site:
1000 Medical Center Drive
Wilmington, NC 28401

Owner/Agent:
Kevin Caison
New Hanover County / Facilies
Project Manager
200 Division Drive
Wilmington, NC 28401
910-798-4338
kcaison@nhcgov.com

Designer/Contractor:
Mark Valand
iS design, PA
1111 Haynes Street, Suite 103
Raleigh, NC 27604
(919)833-5400
mark@isdesignpa.com

Building Area	Floor Area
1-Residential Shelter - Mens & Womens (Dormitory) : Nonresidential	11633
2-Dining Facility for campus (Dining: Cafeteria/Fast Food) : Nonresidential	8366

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Roof 1: Insulation Entirely Above Deck: High Albedo Roof Required, 3-Year-Aged Solar Reflectance = 0.69, Thermal Emittance = 0.83 (e), [Bldg. Use 1 - Residential Shelter - Mens & Womens]	11633	---	25.0	0.039	0.048
Roof 2: Insulation Entirely Above Deck: High Albedo Roof Required, 3-Year-Aged Solar Reflectance = 0.69, Thermal Emittance = 0.83 (e), [Bldg. Use 2 - Dining Facility for campus]	8366	---	25.0	0.039	0.048
Exterior Wall 1: Steel-Framed, 16" o.c., [Bldg. Use 1 - Residential Shelter - Mens & Womens]	4248	19.0	10.0	0.052	0.084
Window 1: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.95, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	240	---	---	0.420	0.650
Window 2: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.52, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	91	---	---	0.420	0.650
Window 3: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 2.30, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	64	---	---	0.420	0.650
Window 4: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.45, [Bldg. Use 1 - Residential Shelter -	71	---	---	0.420	0.650

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Mens & Womens] (c)					
Window 5: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	235	---	---	0.420	0.650
Window 6: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.29, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	115	---	---	0.420	0.650
Window 7: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.29, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	211	---	---	0.420	0.650
Window 8: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	59	---	---	0.420	0.650
Door 1: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.52, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	42	---	---	0.420	0.900
Door 2: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 2.30, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	42	---	---	0.420	0.900
Door 3: Insulated Metal, Swinging, [Bldg. Use 1 - Residential Shelter - Mens & Womens]	21	---	---	0.680	0.700
Exterior Wall 2: Steel-Framed, 16" o.c., [Bldg. Use 2 - Dining Facility for campus]	8569	19.0	10.0	0.052	0.084
Window 9: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.95, [Bldg. Use 2 - Dining Facility for campus] (c)	64	---	---	0.420	0.650
Window 10: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.52, [Bldg. Use 2 - Dining Facility for campus] (c)	91	---	---	0.420	0.650
Window 11: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 2.30, [Bldg. Use 2 - Dining Facility for campus] (c)	64	---	---	0.420	0.650
Window 12: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.45, [Bldg. Use 2 - Dining Facility for campus] (c)	71	---	---	0.420	0.650
Window 13: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.47, [Bldg. Use 2 - Dining Facility for campus] (c)	507	---	---	0.420	0.650
Window 14: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.29, [Bldg. Use 2 - Dining Facility for campus] (c)	211	---	---	0.420	0.650
Window 15: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 2 - Dining Facility for campus] (c)	264	---	---	0.420	0.650
Window 16: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.29, [Bldg. Use 2 - Dining Facility for campus] (c)	114	---	---	0.420	0.650
Window 17: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.58, [Bldg. Use 2 - Dining Facility for campus] (c)	32	---	---	0.420	0.650
Door 4: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.52, [Bldg. Use 2 - Dining Facility for campus] (c)	42	---	---	0.420	0.900
Door 5: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 2.30, [Bldg. Use 2 - Dining Facility for campus] (c)	42	---	---	0.420	0.900
Door 6: Insulated Metal, Swinging, [Bldg. Use 2 - Dining Facility for campus]	21	---	---	0.680	0.700
Door 7: Other Door, Non-Swinging, [Bldg. Use 2 - Dining Facility for campus]	66	---	---	0.125	1.450

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Exterior Wall 3: Steel-Framed, 16" o.c., [Bldg. Use 1 - Residential Shelter - Mens & Womens]	5829	19.0	10.0	0.052	0.084
Window 18: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.95, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	128	---	---	0.420	0.650
Window 19: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.52, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	91	---	---	0.420	0.650
Window 20: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 2.30, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	64	---	---	0.420	0.650
Window 21: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.45, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	71	---	---	0.420	0.650
Window 22: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.75, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	28	---	---	0.420	0.650
Window 23: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.29, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	211	---	---	0.420	0.650
Window 24: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	178	---	---	0.420	0.650
Door 8: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.52, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	42	---	---	0.420	0.900
Door 9: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 2.30, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (c)	42	---	---	0.420	0.900
Door 10: Insulated Metal, Swinging, [Bldg. Use 1 - Residential Shelter - Mens & Womens]	42	---	---	0.680	0.700
Floor 1: Slab-On-Grade:Unheated, [Bldg. Use 1 - Residential Shelter - Mens & Womens] (d)	582	---	---	0.730	0.730
Floor 2: Slab-On-Grade:Unheated, [Bldg. Use 2 - Dining Facility for campus] (d)	282	---	---	0.730	0.730

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) 'Other' components require supporting documentation for proposed U-factors.
(c) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(d) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.
(e) High albedo roof requirement options: 1) 3-year aged solar reflectance >= 0.55 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0.

Envelope PASSES: Design 11% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 90.1 (2010) Standard requirements in COM*check* Version 4.1.4.2 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Mark Valand, AIA — [signature] — 09/09/20
Name - Title — Signature — Date

isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project
THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client
NEW HANOVER COUNTY, NORTH CAROLINA

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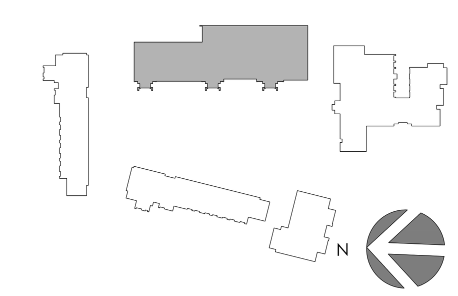
Key Plan



Professional Seals
MARK D. VALAND — REGISTERED ARCHITECT — N.C. — RALEIGH
I.S. DESIGN, P.A. — REGISTERED CORPORATION — 51286 — N.C. — RALEIGH, N.C.

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title
BUILDING CODE SUMMARY DINING/SHELTER/STORAGE BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number
T-102

9/23/2020 1:43 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - T-102 CD Dining Shelter Storage Building BCS.dwg

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

WOMEN'S RESIDENTIAL BUILDING - BUILDING 3

Name of Project: THE HEALING PLACE OF NEW HANOVER COUNTY
Address: 1000 MEDICAL CENTER DRIVE Zip Code: 28401
Owner/Authorized Agent: MARK VALAND, AIA Phone # (919) 833-5400
E-Mail mark@isdesignpa.com
Owned By: NEW HANOVER COUNTY
Code Enforcement Jurisdiction: NEW HANOVER COUNTY

CONTACT:

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	IS design, p.a.	Mark Valand, AIA	3880	(919)833.5400	mark@isdesignpa.com
Civil	The Site Group	Ed Sconfienza, PE		(919)835.4787	ed@thesitegroup.net
Electrical	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Fire Alarm	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Plumbing	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Mechanical	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Sprinkler-Standpipe	Crawford Sprinkler			(919)828.9346	
Structural	Rst Engineering	Brian Moskow, PE		(919)833.3488	
Retaining Walls >5' High				( )	
Other				( )	

("Other" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE:

■ New Building ☐ Addition ☐ Phased Construction Shell/Core
☐ Shell/ Core ☐ 1st Time Interior Completion

2018 NC EXISTING BUILDING CODE:

☐ Prescriptive ☐ Repair ☐ Chapter 14 ☐ Alteration Level I ☐ Alteration Level II
☐ Alteration Level III ☐ Historic Property ☐ Change of Use

CONSTRUCTED: (date)_____ CURRENT OCCUPANCY(S) (Ch. 3): _____
RENOVATED: (date)_____ PROPOSED OCCUPANCY(S) (Ch. 3): _____

OCCUPANCY CATEGORY (Table 1604.5):
Current: ☐ I ☐ II ☐ III ☐ IV
Proposed: ☐ I ■ II ☐ III ☐ IV

BASIC BUILDING DATA
Construction Type: ☐ I-A ☐ I-B ☐ II-A ■ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☐ V-B
Sprinklers: ■ YES ☐ NO ☐ PARTIAL ■ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ■ NO ☐ YES CLASS: ☐ I ☐ II ☐ III ☐ Wet ☐ Dry

Primary Fire District: ☐ YES ■ NO **Flood Hazard Area:** ☐ YES ■ NO
Special Inspections Required: ■ YES (CONTACT THE LOCAL INSPECTION JURISDICTION FOR REQUIRMENTS AND PROCEDURES)
☐ NO

Gross Building Area Table

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor	0	9,388	9,388
Basement			
TOTAL	0	9,388	9,388

Area of Work 9,388

ALLOWABLE AREA

Primary Occupancy Classification(s):
Assembly: ☐ A-1 ☐ A-2 ■ A-3 ☐ A-4 ☐ A-5
■ Business ☐ Educational Factory-Industrial: ☐ F-1 ☐ F-2
☐ Mercantile Residential: ☐ R-1 ■ R-2 ☐ R-3 ☐ R-4
High Hazard: ☐ H-1 ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5
Institutional: ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 USE CONDITION: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
Storage: ■ S-1 ☐ S-2 ☐ High-piled
S-1 SPECIAL CONDITIONS: ☐ Repair Garage
S-2 SPECIAL CONDITIONS– Parking Garage: ☐ Open ☐ Enclosed
☐ Utility and Miscellaneous

Accessory Occupancy Classification(s):
Incidental Uses (Table 509): LAUNDRY ROOMS OVER 100 SQ. FT.
Special Uses (Chapter 4 – List Code Sections):
Special Provisions: (Chapter 5 – List Code Sections):

Mixed Occupancy: ■ YES ☐ NO Separation:_____ Exception: _____
■ NON-SEPARATED USE (508.3) ☐ SEPARATED USE (508.4)

Actual Area of Occupancy A + Actual Area of Occupancy B ≤ 1
Allowable Area of Occupancy A Allowable Area of Occupancy B

_____ + _____ + ... = _____ < 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2[1] AREA	(C) AREA FOR FRONTAGE INCREASE [1,2]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED [3,4]
1	A-3 Occupancy	9,388	38,000	NOT USED	38,000
1	B Occupancy	9,388	92,000	NOT USED	92,000
1	S-1 Occupancy	9,388	70,000	NOT USED	70,000
1	R-2 Occupancy	9,388	16,000	NOT USED	16,000

1 Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = _____ (W)
e. Percent of frontage increase If = 100 [F/P – 0.25] x W/30 = _____ (%)
2 Unlimited area applicable under conditions of Section 507.
3 Maximum Building Area = total number of stories in the building x D (maximum3 stories) (506.2).
4 The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
5 Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	75	14'–9"	
Building Height in Stories (Table 504.4)	3	1	

1 Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/_____ REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	N/A	0	0				
Bearing Walls							
Exterior							
North	N/A						
East	N/A						
West	N/A						
South	N/A						
Interior							
Nonbearing Walls and Partitions							
Exterior walls							
North	>30'	0	0				
East	>30'	0	0				
West	>30'	0	0				
South	30'–0"	0	0				
Interior walls and partitions		0	0				
Floor Construction							
Including supporting beams and joists		N/A					
Floor Ceiling Assembly		N/A					
Columns Supporting Floors		N/A					
Roof Construction, including supporting beams and joists		0	0				
Roof Ceiling Assembly		0	0				
Columns Supporting Roof		0	0				
Shaft Enclosures - Exit		N/A					
Shaft Enclosures - Other		N/A					
Corridor Separation		0.5	0.5	01/A–105	U425		
Occupancy/Fire Barrier Separation		0	0				
Party/Fire Wall Separation		N/A					
Smoke Barrier Separation		N/A					
Smoke Partition		N/A					
Tenant/Dwelling Unit/ Sleeping Unit Separation		1	1	01/A–105	U419		
Incidental Use Separation		1	1	01/A–105	U419		

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS BLDG. 3TO ASSUMED PROP. LINE 3-3	ACTUAL SHOWN ON PLANS BLDG. 3TO ASSUMED PROP. LINE 3-4
≥15' Thru <20'	UP, S	75%		
≥20' Thru <25'	UP, S	No Limit		
≥25' Thru <30'	UP, S	No Limit		
≥30'	UP, S	Not Required	√	√

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ■ YES ☐ NO
Exit Signs: ■ YES ☐ NO
Fire Alarm: ■ YES ☐ NO
Smoke Detection Systems: ■ YES ☐ NO
Carbon Monoxide Detection: ■ YES ☐ NO

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: _____

■ Fire and/or smoke rated wall locations (Chapter 7)
■ Assumed and real property line locations (if not on the site plan)
■ Exterior wall opening area with respect to distance to assumed property lines (705.8)
■ Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
■ Occupant loads for each area
■ Exit access travel distances (1017)
■ Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
■ Dead end lengths (1020.4)
■ Clear exit widths for each exit door
■ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
■ Actual occupant load for each exit door
☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
■ Location of doors with panic hardware (1010.1.10)
☐ Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
☐ Location of doors with electromagnetic egress locks (1010.1.9.9)
☐ Location of doors equipped with hold-open devices
☐ Location of emergency escape windows (1030)
☐ The square footage of each fire area (202)
☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
☐ Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS
(SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
21	2	2	0	0	19	19	21

ACCESSIBLE PARKING (SECTION 1104)

LOTOR PARKING AREA	TOTAL # OF PARKING SPACES REQUIRED	TOTAL # OF PARKING SPACES PROVIDED	# OF ACCESSIBLE SPACES PROVIDED REGULAR W/ 5' ACCESS AISLE	VAN SPACES W/ 132" ACCESS AISLE	VAN SPACES W/ 8' ACCESS AISLE	TOTAL # ACCESSIBLE SPACES PROVIDED
Main	77	121	4		4	8
						0
TOTAL	77	121	4	0	4	8

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	WATERCLOSETS UNISEX	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	LAVATORIES UNISEX	SHOWERS / TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
SPACE	EXIST'G										
	NEW	0	11	0	0	0	10	0	12	1	1
	REQ'D	0*	8	0	0	0*	8	0	10	1	1

* THE BUILDING IS A WOMEN'S ONLY RESIDENTIAL FACILITY. NO MALE TOILETS ARE REQUIRED.

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

ENERGY SUMMARY

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: ☐ YES (THE REMAINDER OF THIS SECTION IS NOT APPLICABLE) ☐ NO

Exempt Building: Provide code or statutory reference: ☐ YES ■ NO

Climate Zone: ■ 3A ☐ 4A ☐ 5A

Method of Compliance:
☐ ENERGY CODE: PERFORAMCE
☐ ENERGY CODE: PERSCRIPTIVE
■ ASHRAE 90.1: PERFORMANCE (SEE COMCHECK BELOW)
☐ ASHRAE 90.1: PERSCRIPTIVE
☐ OTHER: PERFORMANCE (If "Other" specify source here)_____

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:

Importance Factors: Wind (IW) ■ 1.0
Snow (IS) ☐ 0.8 ■ 1.0 ☐ 1.1 ☐ 1.2
Seismic (IE) ■ 1.0 ☐ 1.25 ☐ 1.5

Live Loads: Roof 20 psf
Mezzanine N/A psf
Floor 100 psf

Ground Snow Load: 10 psf

Wind Load: Basic Wind Speed 146 mph (ASCE-7)
Exposure Category ■ B ☐ C ☐ D

SEISMIC DESIGN CATEGORY: ☐ A ☐ B ■ C ☐ D

Provide the following Seismic Design Parameters:
Occupancy Category (Table 1604.5) ☐ I ■ II ☐ III ☐ IV
Spectral Response Acceleration SS 0.221 %g S1 0.092 %g
Site Classification (ASCE 7) ☐ A ☐ B ☐ C ■ D ☐ E ☐ F
Data Source: ☐ FIELD TEST ■ PRESUMPTIVE ☐ HISTORICAL DATA

Basic structural system
☐ BEARING WALL ☐ DUAL W/ SPECIAL MOMENT FRAME'
■ BUILDING FRAME ☐ DUAL W/ INTERMEDIATE R/C OR SPECIAL FRAME
■ MOMENT FRAME ☐ INVERTED PENDULUM

Analysis Procedure:
☐ SIMPLIFIED
■ EQUIVALENT LATERAL FORCE
☐ DYNAMIC

Architectural, Mechanical, Components anchored? ☐ YES ■ NO

LATERAL DESIGN CONTROL: ☐ EARTHQUAKE ■ WIND

SOIL BEARING CAPACITIES:
☐ FIELD TEST (Provide copy of test report) _____ psf
■ PRESUMPTIVE BEARING CAPACITY 2,000 psf

Pile size, type, and capacity N/A

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone
winter dry bulb: _____
summer dry bulb: _____

Interior design conditions
winter dry bulb: _____
summer dry bulb: _____
relative humidity: _____

Building heating load: _____

Building cooling load: _____

Mechanical Spacing Conditioning System
Unitary
description of unit: _____
heating efficiency: _____
cooling efficiency: _____
size category of unit: _____
Boiler
Size category. If oversized, state reason.: _____
Chiller
Size category. If oversized, state reason.: _____

List equipment efficiencies: _____

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance:
☐ ENERGY CODE: PERFORAMCE
☐ ENERGY CODE: PERSCRIPTIVE
☐ ASHRAE 90.1: PERFORMANCE
☐ ASHRAE 90.1: PERSCRIPTIVE
☐ OTHER: PERFORMANCE

Lighting schedule (each fixture type)
lamp type required in fixture
number of lamps in fixture
ballast type used in the fixture
number of ballasts in fixture
total wattage per fixture
total interior wattage specified vs. allowed (whole building or space by space)
total exterior wattage specified vs. allowed

Additional Efficiency Package Options
(When using the 2018 NCECC; not required for ASHRAE 90.1)
☐ C406.2 More Efficient HVAC Equipment Performance
☐ C406.3 Reduced Lighting Power Density
☐ C406.4 Enhanced Digital Lighting Controls
☐ C406.5 On-Site Renewable Energy
☐ C406.6 Dedicated Outdoor Air System
☐ C406.7 Reduced Energy Use in Service Water Heating

COMcheck Software Version 4.1.4.2
Envelope Compliance Certificate

Project Information

Energy Code:	90.1 (2010) Standard
Project Title:	Building 3 - Women's Residential Building - The Healing Place of New Hanover County
Location:	Wilmington, North Carolina
Climate Zone:	3a
Project Type:	New Construction
Vertical Glazing / Wall Area:	13%

Construction Site:
1000 Medical Center Drive
Wilmington, NC 28401

Owner/Agent:
Kevin Caison
New Hanover County / Facilies
Project Manager
200 Division Drive
Wilmington, NC 28401
910-798-4338
kcaison@nhcgov.com

Designer/Contractor:
Mark Valand
IS design, PA
1111 Haynes Street, Suite 103
Raleigh, NC 27604
(919)833-5400
mark@isdesignpa.com

Building Area	Floor Area
1-Women's Residential Building (Dormitory) : Nonresidential	9388

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor[a]
Roof 1: Insulation Entirely Above Deck: High Albedo Roof Required, 3-Year-Aged Solar Reflectance = 0.69, Thermal Emittance = 0.83 (d), [Bldg. Use 1 - Women's Residential Building]	9388	---	25.0	0.039	0.048
Exterior Wall 1: Steel-Framed, 16" o.c., [Bldg. Use 1 - Women's Residential Building]	7554	19.0	10.0	0.052	0.084
Window 1: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Women's Residential Building] (b)	660	---	---	0.420	0.650
Window 2: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.53, [Bldg. Use 1 - Women's Residential Building] (b)	48	---	---	0.420	0.650
Window 3: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Women's Residential Building] (b)	21	---	---	0.420	0.650
Window 4: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Women's Residential Building] (b)	6	---	---	0.420	0.650
Window 5: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Women's Residential Building] (b)	27	---	---	0.420	0.650
Window 6: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.55, [Bldg. Use 1 - Women's Residential Building] (b)	30	---	---	0.420	0.650
Window 7: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.22, [Bldg. Use 1 - Women's Residential Building] (b)	46	---	---	0.420	0.650

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor[a]
Window 8: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.00, [Bldg. Use 1 - Women's Residential Building] (b)	52	---	---	0.420	0.650
Door 1: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.53, [Bldg. Use 1 - Women's Residential Building] (b)	21	---	---	0.420	0.900
Door 2: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Women's Residential Building] (b)	21	---	---	0.420	0.900
Door 3: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.50, [Bldg. Use 1 - Women's Residential Building] (b)	21	---	---	0.420	0.900
Door 4: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Women's Residential Building] (b)	21	---	---	0.420	0.900
Door 5: Insulated Metal, Swinging, [Bldg. Use 1 - Women's Residential Building]	21	---	---	0.680	0.700
Floor 1: Slab-On-Grade:Unheated, [Bldg. Use 1 - Women's Residential Building] (c)	593	---	---	0.730	0.730

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.
(d) High albedo roof requirement options: 1) 3-year aged solar reflectance >= 0.55 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0.

Envelope PASSES: Design 7% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 90.1 (2010) Standard requirements in COMcheck Version 4.1.4.2 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Mark Valand, AIA — Name - Title
Mark Valand — Signature
09/09/20 — Date

isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project
THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client
NEW HANOVER COUNTY, NORTH CAROLINA

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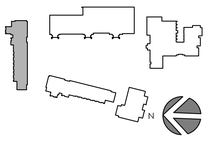
Key Plan



Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title
BUILDING CODE SUMMARY WOMEN'S RESIDENTIAL BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number
T-103

9/23/2020 2:22 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - T-103 CD Womens Residential Building BCS.dwg

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

MEN'S RESIDENTIAL BUILDING - BUILDING 4

Name of Project: THE HEALING PLACE OF NEW HANOVER COUNTY
Address: 1000 MEDICAL CENTER DRIVE Zip Code: 28401
Owner/Authorized Agent: MARK VALAND, AIA Phone # (919) 833-5400
E-Mail mark@isdesignpa.com
Owned By: NEW HANOVER COUNTY
Code Enforcement Jurisdiction: NEW HANOVER COUNTY

CONTACT:

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	IS design, p.a.	Mark Valand, AIA	3880	(919)833.5400	mark@isdesignpa.com
Civil	The Site Group	Ed Sconfienza, PE		(919)835.4787	ed@thesitegroup.net
Electrical	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Fire Alarm	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Plumbing	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Mechanical	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zlt@maple-eng.com
Sprinkler-Standpipe	Crawford Sprinkler			(919)828.9348	
Structural	Red Engineering	Brian Moskow, PE		(919)833.3488	
Retaining Walls >5' High				( )	
Other				( )	

("Other" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE:

■ New Building ☐ Addition ☐ Phased Construction Shell/Core
☐ Shell/ Core ☐ 1st Time Interior Completion

2018 NC EXISTING BUILDING CODE:

☐ Prescriptive ☐ Repair ☐ Chapter 14 ☐ Alteration Level I ☐ Alteration Level II
☐ Alteration Level III ☐ Historic Property ☐ Change of Use

CONSTRUCTED: (date) _____ CURRENT OCCUPANCY(S) (Ch. 3): _____
RENOVATED: (date) _____ PROPOSED OCCUPANCY(S) (Ch. 3): _____

OCCUPANCY CATEGORY (Table 1604.5):
Current: ☐ I ☐ II ☐ III ☐ IV
Proposed: ☐ I ■ II ☐ III ☐ IV

BASIC BUILDING DATA

Construction Type: ☐I-A ☐I-B ☐II-A ■II-B ☐III-A ☐III-B ☐IV ☐V-A ☐V-B
Sprinklers: ■ YES ☐ NO ☐ PARTIAL ■ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ■ NO ☐ YES CLASS: ☐ I ☐ II ☐ III ☐ Wet ☐ Dry

Primary Fire District: ☐ YES ■ NO **Flood Hazard Area:** ☐ YES ■ NO
Special Inspections Required: ■ YES (CONTACT THE LOCAL INSPECTION JURISDICTION FOR REQUIRMENTS AND PROCEDURES)
☐ NO

Gross Building Area Table

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor	0	9,248	9,248
Basement			
TOTAL	0	9,248	9,248

Area of Work 9,248

ALLOWABLE AREA

Primary Occupancy Classification(s):
Assembly: ☐ A-1 ☐ A-2 ■ A-3 ☐ A-4 ☐ A-5
■ Business ☐ Educational Factory-Industrial: ☐ F-1 ☐ F-2
☐ Mercantile Residential: ☐ R-1 ■ R-2 ☐ R-3 ☐ R-4
High Hazard: ☐ H-1 ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5
Institutional: ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 USE CONDITION: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
Storage: ■ S-1 ☐ S-2 ☐ High-piled
S-1 SPECIAL CONDITIONS: ☐ Repair Garage
S-2 SPECIAL CONDITIONS– Parking Garage: ☐ Open ☐ Enclosed
☐ Utility and Miscellaneous

Accessory Occupancy Classification(s):
Incidental Uses (Table 509): LAUNDRY ROOMS OVER 100 SQ. FT.
Special Uses (Chapter 4 – List Code Sections):
Special Provisions: (Chapter 5 – List Code Sections);

Mixed Occupancy: ■ YES ☐ NO Separation:_____ Exception: _____
■ NON-SEPARATED USE (508.3) ☐ SEPARATED USE (508.4)

Actual Area of Occupancy A / Allowable Area of Occupancy A + Actual Area of Occupancy B / Allowable Area of Occupancy B + ... = _____ < 1.00 < 1

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2[1] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED[2,3]
1	A-3 Occupancy	9,248	38,000	NOT USED	38,000
1	B Occupancy	9,248	92,000	NOT USED	92,000
1	S-1 Occupancy	9,248	70,000	NOT USED	70,000
1	R-2 Occupancy	9,248	16,000	NOT USED	16,000

1 Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = _____ (W)
e. Percent of frontage increase If = 100 [F/P – 0.25) x W/30 = _____ (%)
2 Unlimited area applicable under conditions of Section 507.
3 Maximum Building Area = total number of stories in the building x D (maximum3 stories) (506.2).
4 The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
5 Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	75	14'-9"	
Building Height in Stories (Table 504.4)	3	1	

1 Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/_____ REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	N/A	0	0				
Bearing Walls							
Exterior							
North	N/A						
East	N/A						
West	N/A						
South	N/A						
Interior							
Nonbearing Walls and Partitions							
Exterior walls							
North	28'-4"	0	0				
East	>30'	0	0				
West	>30'	0	0				
South	16'-11"	0	0				
Interior walls and partitions		0	0				
Floor Construction Including supporting beams and joists		N/A					
Floor Ceiling Assembly		N/A					
Columns Supporting Floors		N/A					
Roof Construction, including supporting beams and joists		0	0				
Roof Ceiling Assembly		0	0				
Columns Supporting Roof		0	0				
Shaft Enclosures - Exit		N/A					
Shaft Enclosures - Other		N/A					
Corridor Separation		0.5	0.5	01/A-106	U425		
Occupancy/Fire Barrier Separation		0	0				
Party/Fire Wall Separation		N/A					
Smoke Barrier Separation		N/A					
Smoke Partition		N/A					
Tenant/Dwelling Unit/ Sleeping Unit Separation		1	1	01/A-106	U419		
Incidental Use Separation		1	1	01/A-106	U419		

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS: BLDG. 4TO ASSUMED PROP. LINE >3	ACTUAL SHOWN ON PLANS: BLDG. 4TO ASSUMED PROP. LINE <3
215' Thru <20'	UP, S	75%		0%
20' Thru <25'	UP, S	No Limit		
25' Thru <30'	UP, S	No Limit	7.70%	
>30'	UP, S	Not Required		

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ■ YES ☐ NO
Exit Signs: ■ YES ☐ NO
Fire Alarm: ■ YES ☐ NO
Smoke Detection Systems: ■ YES ☐ NO
Carbon Monoxide Detection: ■ YES ☐ NO

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: _____

■ Fire and/or smoke rated wall locations (Chapter 7)
■ Assumed and real property line locations (if not on the site plan)
■ Exterior wall opening area with respect to distance to assumed property lines (705.8)
■ Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
■ Occupant loads for each area
■ Exit access travel distances (1017)
■ Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
■ Dead end lengths (1020.4)
■ Clear exit widths for each exit door
■ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
■ Actual occupant load for each exit door
☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
■ Location of doors with panic hardware (1010.1.10)
☐ Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
☐ Location of doors with electromagnetic egress locks (1010.1.9.9)
☐ Location of doors equipped with hold-open devices
☐ Location of emergency escape windows (1030)
☐ The square footage of each fire area (202)
☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
☐ Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS
(SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
21	2	2	0	0	19	19	21

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES: REQUIRED	TOTAL # OF PARKING SPACES: PROVIDED	# OF ACCESSIBLE SPACES PROVIDED: REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132' ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	TOTAL # ACCESSIBLE SPACES PROVIDED
Main	77	121	4		4	8
						0
TOTAL	77	121	4	0	4	8

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	WATERCLOSETS UNISEX	URINALS MALE	LAVATORIES FEMALE	LAVATORIES UNISEX	SHOWERS / TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
SPACE	EXIST'G									
	NEW	8	0	0	4	10	0	12	1	1
	REQ'D	7	0*	0	0	7	0*	9	1	1

* THE BUILDING IS A MEN'S ONLY RESIDENTIAL FACILITY. NO FEMALE TOILETS ARE REQUIRED.

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

ENERGY SUMMARY

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: ☐ YES (THE REMAINDER OF THIS SECTION IS NOT APPLICABLE) ☐ NO

Exempt Building: Provide code or statutory reference: ☐ YES ■ NO

Climate Zone: ■ 3A ☐ 4A ☐ 5A

Method of Compliance:
☐ ENERGY CODE: PERFORAMCE
☐ ENERGY CODE: PERSCRIPTIVE
■ ASHRAE 90.1: PERFORMANCE (SEE COMCHECK BELOW)
☐ ASHRAE 90.1: PERSCRIPTIVE
☐ OTHER: PERFORMANCE (If "Other" specify source here)_____

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:

Importance Factors: Wind (IW) ■ 1.0
Snow (IS) ☐ 0.8 ■ 1.0 ☐ 1.1 ☐ 1.2
Seismic (IE) ■ 1.0 ☐ 1.25 ☐ 1.5

Live Loads: Roof 20 psf; Mezzanine N/A psf; Floor 100 psf

Ground Snow Load: 10 psf

Wind Load: Basic Wind Speed 146 mph (ASCE-7)
Exposure Category ■ B ☐ C ☐ D

SEISMIC DESIGN CATEGORY: ☐ A ☐ B ■ C ☐ D

Provide the following Seismic Design Parameters:
Occupancy Category (Table 1604.5) ☐ I ■ II ☐ III ☐ IV
Spectral Response Acceleration SS 0.221 %g S1 0.092 %g
Site Classification (ASCE 7) ☐ A ☐ B ☐ C ■ D ☐ E ☐ F
Data Source: ☐ FIELD TEST ■ PRESUMPTIVE ☐ HISTORICAL DATA

Basic structural system
☐ BEARING WALL ☐ DUAL W/ SPECIAL MOMENT FRAME'
■ BUILDING FRAME ☐ DUAL W/ INTERMEDIATE R/C OR SPECIAL FRAME
■ MOMENT FRAME ☐ INVERTED PENDULUM

Analysis Procedure:
☐ SIMPLIFIED
■ EQUIVALENT LATERAL FORCE
☐ DYNAMIC

Architectural, Mechanical, Components anchored? ☐ YES ■ NO

LATERAL DESIGN CONTROL: ☐ EARTHQUAKE ■ WIND

SOIL BEARING CAPACITIES:
☐ FIELD TEST (Provide copy of test report) _____ psf
■ PRESUMPTIVE BEARING CAPACITY 2,000 psf

Pile size, type, and capacity N/A

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone
winter dry bulb: _____
summer dry bulb: _____

Interior design conditions
winter dry bulb: _____
summer dry bulb: _____
relative humidity: _____

Building heating load: _____

Building cooling load: _____

Mechanical Spacing Conditioning System
Unitary
description of unit: _____
heating efficiency: _____
cooling efficiency: _____
size category of unit: _____
Boiler
Size category. If oversized, state reason.: _____
Chiller
Size category. If oversized, state reason.: _____

List equipment efficiencies: _____

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance:
☐ ENERGY CODE: PERFORAMCE
☐ ENERGY CODE: PERSCRIPTIVE
☐ ASHRAE 90.1: PERFORMANCE
☐ ASHRAE 90.1: PERSCRIPTIVE
☐ OTHER: PERFORMANCE

Lighting schedule (each fixture type)
lamp type required in fixture
number of lamps in fixture
ballast type used in the fixture
number of ballasts in fixture
total wattage per fixture
total interior wattage specified vs. allowed (whole building or space by space)
total exterior wattage specified vs. allowed

Additional Efficiency Package Options
(When using the 2018 NCECC; not required for ASHRAE 90.1)
☐ C406.2 More Efficient HVAC Equipment Performance
☐ C406.3 Reduced Lighting Power Density
☐ C406.4 Enhanced Digital Lighting Controls
☐ C406.5 On-Site Renewable Energy
☐ C406.6 Dedicated Outdoor Air System
☐ C406.7 Reduced Energy Use in Service Water Heating

COMcheck Software Version 4.1.4.2

Envelope Compliance Certificate

Project Information

Energy Code:	90.1 (2010) Standard
Project Title:	Building 4 - Men's Residential Building - The Healing Place of New Hanover County
Location:	Wilmington, North Carolina
Climate Zone:	3a
Project Type:	New Construction
Vertical Glazing / Wall Area:	13%

Construction Site:
1000 Medical Center Drive
Wilmington, NC 28401

Owner/Agent:
Kevin Carson
New Hanover County / Facilies
Project Manager
200 Division Drive
Wilmington, NC 28401
910-798-4338
kcaison@nhcgov.com

Designer/Contractor:
Mark Valand
iS design, PA
1111 Haynes Street, Suite 103
Raleigh, NC 27604
(919)833-5400
mark@isdesignpa.com

Building Area	Floor Area
1-Men's Residential Building (Dormitory) : Nonresidential	9248

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor[a]
Roof 1: Insulation Entirely Above Deck: High Albedo Roof Required, 3-Year-Aged Solar Reflectance = 0.69, Thermal Emittance = 0.83 (d), [Bldg. Use 1 - Men's Residential Building]	9248	---	25.0	0.039	0.048
Exterior Wall 1: Steel-Framed, 16" o.c., [Bldg. Use 1 - Men's Residential Building]	7370	19.0	10.0	0.052	0.084
Window 1: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Men's Residential Building] (b)	660	---	---	0.420	0.650
Window 2: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.53, [Bldg. Use 1 - Men's Residential Building] (b)	48	---	---	0.420	0.650
Window 3: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Men's Residential Building] (b)	21	---	---	0.420	0.650
Window 4: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Men's Residential Building] (b)	6	---	---	0.420	0.650
Window 5: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Men's Residential Building] (b)	27	---	---	0.420	0.650
Window 6: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.55, [Bldg. Use 1 - Men's Residential Building] (b)	30	---	---	0.420	0.650
Window 7: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 0.22, [Bldg. Use 1 - Men's Residential Building] (b)	46	---	---	0.420	0.650

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor[a]
Window 8: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.00, [Bldg. Use 1 - Men's Residential Building] (b)	52	---	---	0.420	0.650
Door 1: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.53, [Bldg. Use 1 - Men's Residential Building] (b)	21	---	---	0.420	0.900
Door 2: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Men's Residential Building] (b)	21	---	---	0.420	0.900
Door 3: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.50, [Bldg. Use 1 - Men's Residential Building] (b)	21	---	---	0.420	0.900
Door 4: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Men's Residential Building] (b)	21	---	---	0.420	0.900
Door 5: Insulated Metal, Swinging, [Bldg. Use 1 - Men's Residential Building]	21	---	---	0.680	0.700
Floor 1: Slab-On-Grade:Unheated, [Bldg. Use 1 - Men's Residential Building] (c)	578	---	---	0.730	0.730

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.
(d) High albedo roof requirement options: 1) 3-year aged solar reflectance >= 0.55 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0.

Envelope PASSES: Design 7% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 90.1 (2010) Standard requirements in COMcheck Version 4.1.4.2 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Mark Valand, AIA — Name - Title
Signature
09/09/20 — Date

isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project
THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client
NEW HANOVER COUNTY, NORTH CAROLINA

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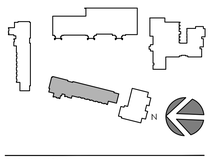
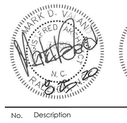
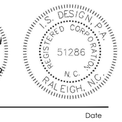
Key Plan



Professional Seals





No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title
BUILDING CODE SUMMARY MEN'S RESIDENTIAL BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number
T-104

9/23/2020 2:23 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - T-104 CD Mens Residential Building BCS.dwg

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

DETOX BUILDING - BUILDING 5

Name of Project: THE HEALING PLACE OF NEW HANOVER COUNTY
Address: 1000 MEDICAL CENTER DRIVE Zip Code: 28401
Owner/Authorized Agent: MARK VALAND, AIA Phone # (919) 833-5400
E-Mail mark@isdesignpa.com
Owned By: NEW HANOVER COUNTY
Code Enforcement Jurisdiction: NEW HANOVER COUNTY

CONTACT:

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	IS design, p.a.	Mark Valand, AIA	3580	(919)833.5400	mark@isdesignpa.com
Civil	The Site Group	Ed Sconfienza, PE		(919)835.4787	ed@thesitegroup.net
Electrical	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zt@maple-eng.com
Fire Alarm	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zt@maple-eng.com
Plumbing	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zt@maple-eng.com
Mechanical	Maple Engineering	Zack Tomlin, PE		(919)841.4247	zt@maple-eng.com
Sprinkler-Standpipe	Crawford Sprinkler			(919)828.9346	
Structural	Red Engineering	Brian Maskow, PE		(919)833.3486	
Retaining Walls >5' High				( )	
Other				( )	

("Other" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE:

■ New Building ☐ Addition ☐ Phased Construction Shell/Core
☐ Shell/ Core ☐ 1st Time Interior Completion

2018 NC EXISTING BUILDING CODE:

☐ Prescriptive ☐ Repair ☐ Chapter 14 ☐ Alteration Level I ☐ Alteration Level II
☐ Alteration Level III ☐ Historic Property ☐ Change of Use

CONSTRUCTED: (date) _____ CURRENT OCCUPANCY(S) (Ch. 3): _____
RENOVATED: (date) _____ PROPOSED OCCUPANCY(S) (Ch. 3): _____

OCCUPANCY CATEGORY (Table 1604.5):
Current: ☐ I ☐ II ☐ III ☐ IV
Proposed: ☐ I ■ II ☐ III ☐ IV

BASIC BUILDING DATA

Construction Type: ☐ I-A ☐ I-B ☐ II-A ■ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☐ V-B
Sprinklers: ■ YES ☐ NO ☐ PARTIAL ■ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ■ NO ☐ YES CLASS: ☐ I ☐ II ☐ III ☐ Wet ☐ Dry

Primary Fire District: ☐ YES ■ NO **Flood Hazard Area:** ☐ YES ■ NO
Special Inspections Required: ■ YES (CONTACT THE LOCAL INSPECTION JURISDICTION FOR REQUIRMENTS AND PROCEDURES)
☐ NO

Gross Building Area Table

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor	0	6,289	6,289
Basement			
TOTAL	0	6,289	6,289

Area of Work 6,289

ALLOWABLE AREA

Primary Occupancy Classification(s):

Assembly: ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
☐ Business ☐ Educational Factory-Industrial: ☐ F-1 ☐ F-2
☐ Mercantile Residential: ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
High Hazard: ☐ H-1 ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5
Institutional: ☐ I-1 ■ I-2 ☐ I-3 ☐ I-4
I-3 USE CONDITION: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
Storage: ☐ S-1 ☐ S-2 ☐ High-piled
S-1 SPECIAL CONDITIONS: ☐ Repair Garage
S-2 SPECIAL CONDITIONS– Parking Garage: ☐ Open ☐ Enclosed
☐ Utility and Miscellaneous

Accessory Occupancy Classification(s):
Incidental Uses (Table 509): 1. I-2 OCCUPANCY WASTE & LINEN COLLECTION ROOMS W/ AGGREGATE VOLUME OF 10 CF OR MORE – 1HR.
2. GROUP I-2 LAUNDRIES EQUAL TO OR LESS THAN 100 SQUARE FEET – SMOKE RESISTANT CONSTRUCTION & DOORS

Special Uses (Chapter 4 – List Code Sections): SECTION 407
Special Provisions: (Chapter 5 – List Code Sections):

Mixed Occupancy: ■ YES ☐ NO Separation:_____ Exception: _____
■ NON-SEPARATED USE (508.3) ☐ SEPARATED USE (508.4)

Actual Area of Occupancy A / Allowable Area of Occupancy A + Actual Area of Occupancy B / Allowable Area of Occupancy B < 1

_____ + _____ < 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2[1] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED[2,3]
1	I-2 Occupancy	6,289	44,000	NOT USED	44,000

1 Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = _____ (W)
e. Percent of frontage increase If = 100 [F/P – 0.25) x W/30 = _____ (%)
2 Unlimited area applicable under conditions of Section 507.
3 Maximum Building Area = total number of stories in the building x D (maximum3 stories) (506.2).
4 The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
5 Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	75	14'–9"	
Building Height in Stories (Table 504.4)	3	1	

1 Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ REDUCTION)*	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	N/A	0	0				
Bearing Walls							
Exterior							
North	N/A						
East	N/A						
West	N/A						
South	N/A						
Interior							
Nonbearing Walls and Partitions							
Exterior walls							
North	20'–2"	0	0				
East	30'	0	0				
West	>30'	0	0				
South	>30'	0	0				
Interior walls and partitions		0	0				
Floor Construction including supporting beams and joists		N/A					
Floor Ceiling Assembly		N/A					
Columns Supporting Floors		N/A					
Roof Construction, including supporting beams and joists		0	0				
Roof Ceiling Assembly		0	0				
Columns Supporting Roof		0	0				
Shaft Enclosures - Exit		N/A					
Shaft Enclosures - Other		N/A					
Corridor Separation		N/A					
Occupancy/Fire Barrier Separation		0	0				
Party/Fire Wall Separation		N/A					
Smoke Barrier Separation		1 HR.	1 HR.	A-107	U419, U906		
Smoke Partition		N/A					
Tenant/Dwelling Unit/ Sleeping Unit Separation		0	0				
Incidental Use Separation		1 HR.	1 HR.	A-107	U419		

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS: BLDG. $ TO ASSUMED PROP. LINE 4-5	ACTUAL SHOWN ON PLANS: BLDG. $ TO ASSUMED PROP. LINE 1-3
>15' Thru <20'	UP, S	75%		
20' Thru <25'	UP, S	No Limit	2.32%	
25' Thru <30'	UP, S	No Limit		
≥30'	UP, S	Not Required		√

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ■ YES ☐ NO
Exit Signs: ■ YES ☐ NO
Fire Alarm: ■ YES ☐ NO
Smoke Detection Systems: ■ YES ☐ NO
Carbon Monoxide Detection: ■ YES ☐ NO

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: _____

■ Fire and/or smoke rated wall locations (Chapter 7)
■ Assumed and real property line locations (if not on the site plan)
■ Exterior wall opening area with respect to distance to assumed property lines (705.8)
■ Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
■ Occupant loads for each area
■ Exit access travel distances (1017)
■ Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
■ Dead end lengths (1020.4)
■ Clear exit widths for each exit door
■ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
■ Actual occupant load for each exit door
☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
■ Location of doors with panic hardware (1010.1.10)
☐ Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
☐ Location of doors with electromagnetic egress locks (1010.1.9.9)
☐ Location of doors equipped with hold-open devices
☐ Location of emergency escape windows (1030)
☐ The square footage of each fire area (202)
☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
☐ Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS
(SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
2	1	2	0	0	0	0	2

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES	# OF ACCESSIBLE SPACES PROVIDED				TOTAL # ACCESSIBLE SPACES PROVIDED
		REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE		
	REQUIRED	PROVIDED				
Main	77	121	4		4	8
						0
TOTAL	77	121	4	0	4	8

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE		WATERCLOSETS			URINALS		LAVATORIES			SHOWERS / TUBS	DRINKING FOUNTAINS	
		MALE	FEMALE	UNISEX		MALE	FEMALE	UNISEX		REGULAR	ACCESSIBLE
SPACE	EXIST'G											
	NEW	3	4	1	2	3	3	1	8	2	2
	REQ'D	0*	0*	1	0*	0*	0*	1	0*	1*	1*

★FIXTURE REQUIREMENTS BEYOND THOSE REQUIRED BY EMPLOYEES (UNISEX ABOVE) ARE REGULATED AND ENFORCED BY STATE LICENSING & CERTIFICATION JURISDICTIONS ONLY - THE ABOVE CHART INDICATES PROVIDED FIXTURES ONLY FOR THOSE IN TREATMENT

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)
The two detox suites in this building will be licensed by DHHS as Social Setting Detox Units and will require permit review by the Construction Section of DHSR

ENERGY SUMMARY

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: ☐ YES (THE REMAINDER OF THIS SECTION IS NOT APPLICABLE) ☐ NO

Exempt Building: Provide code or statutory reference: ☐ YES ■ NO

Climate Zone: ■ 3A ☐ 4A ☐ 5A

Method of Compliance:
☐ ENERGY CODE: PERFORAMCE
☐ ENERGY CODE: PERSCRIPTIVE
■ ASHRAE 90.1: PERFORMANCE (SEE COMCHECK BELOW)
☐ ASHRAE 90.1: PERSCRIPTIVE
☐ OTHER: PERFORMANCE (If "Other" specify source here) _____

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:

Importance Factors: Wind (IW) ■ 1.0
Snow (IS) ☐ 0.8 ■ 1.0 ☐ 1.1 ☐ 1.2
Seismic (IE) ■ 1.0 ☐ 1.25 ☐ 1.5

Live Loads: Roof 20 psf; Mezzanine N/A psf; Floor 100 psf

Ground Snow Load: 10 psf

Wind Load: Basic Wind Speed 146 mph (ASCE-7)
Exposure Category ■ B ☐ C ☐ D

SEISMIC DESIGN CATEGORY: ☐ A ☐ B ■ C ☐ D

Provide the following Seismic Design Parameters:
Occupancy Category (Table 1604.5) ☐ I ■ II ☐ III ☐ IV
Spectral Response Acceleration SS 0.221 %g S1 0.092 %g
Site Classification (ASCE 7) ☐ A ☐ B ☐ C ■ D ☐ E ☐ F
Data Source: ☐ FIELD TEST ■ PRESUMPTIVE ☐ HISTORICAL DATA

Basic structural system
☐ BEARING WALL ☐ DUAL W/ SPECIAL MOMENT FRAME*
■ BUILDING FRAME ☐ DUAL W/ INTERMEDIATE R/C OR SPECIAL FRAME
■ MOMENT FRAME ☐ INVERTED PENDULUM

Analysis Procedure:
☐ SIMPLIFIED
■ EQUIVALENT LATERAL FORCE
☐ DYNAMIC

Architectural, Mechanical, Components anchored? ☐ YES ■ NO

LATERAL DESIGN CONTROL: ☐ EARTHQUAKE ■ WIND

SOIL BEARING CAPACITIES:
☐ FIELD TEST (Provide copy of test report) _____ psf
■ PRESUMPTIVE BEARING CAPACITY 2,000 psf

Pile size, type, and capacity N/A

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone
winter dry bulb: _____
summer dry bulb: _____

Interior design conditions
winter dry bulb: _____
summer dry bulb: _____
relative humidity: _____

Building heating load: _____

Building cooling load: _____

Mechanical Spacing Conditioning System
Unitary
description of unit: _____
heating efficiency: _____
cooling efficiency: _____
size category of unit: _____
Boiler
Size category. If oversized, state reason.: _____
Chiller
Size category. If oversized, state reason.: _____

List equipment efficiencies: _____

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance:
☐ ENERGY CODE: PERFORAMCE
☐ ENERGY CODE: PERSCRIPTIVE
☐ ASHRAE 90.1: PERFORMANCE
☐ ASHRAE 90.1: PERSCRIPTIVE
☐ OTHER: PERFORMANCE

Lighting schedule (each fixture type)
lamp type required in fixture
number of lamps in fixture
ballast type used in the fixture
number of ballasts in fixture
total wattage per fixture
total interior wattage specified vs. allowed (whole building or space by space)
total exterior wattage specified vs. allowed

Additional Efficiency Package Options
(When using the 2018 NCECC; not required for ASHRAE 90.1)
☐ C406.2 More Efficient HVAC Equipment Performance
☐ C406.3 Reduced Lighting Power Density
☐ C406.4 Enhanced Digital Lighting Controls
☐ C406.5 On-Site Renewable Energy
☐ C406.6 Dedicated Outdoor Air System
☐ C406.7 Reduced Energy Use in Service Water Heating

COMcheck Software Version 4.1.4.2
Envelope Compliance Certificate

Project Information

Energy Code:	90.1 (2010) Standard
Project Title:	Building 4 - Men's Residential Building - The Healing Place of New Hanover County
Location:	Wilmington, North Carolina
Climate Zone:	3a
Project Type:	New Construction
Vertical Glazing / Wall Area:	13%

Construction Site:
1000 Medical Center Drive
Wilmington, NC 28401

Owner/Agent:
Kevin Cahson
New Hanover County / Facilies
Project Manager
200 Division Drive
Wilmington, NC 28401
910-798-4338
kcahson@nhcgov.com

Designer/Contractor:
Mark Valand
IS design, PA
1111 Haynes Street, Suite 103
Raleigh, NC 27604
(919)833-5400
mark@isdesignpa.com

Building Area	Floor Area
1-Detox facility (Health Care-Clinic) : Nonresidential	6289

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor$_{dn}$
Roof 1: Insulation Entirely Above Deck: High Albedo Roof Required, 3-Year-Aged Solar Reflectance = 0.69, Thermal Emittance = 0.83 (d), [Bldg. Use 1 - Detox facility]	6289	---	25.0	0.039	0.048
Exterior Wall 1: Steel-Framed, 16" o.c., [Bldg. Use 1 - Detox facility]	4675	19.0	10.0	0.052	0.084
Window 1: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, [Bldg. Use 1 - Detox facility] (b)	267	---	---	0.420	0.650
Window 2: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.04, [Bldg. Use 1 - Detox facility] (b)	78	---	---	0.420	0.650
Window 3: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.38, [Bldg. Use 1 - Detox facility] (b)	48	---	---	0.420	0.650
Window 4: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 2.50, [Bldg. Use 1 - Detox facility] (b)	34	---	---	0.420	0.650
Window 5: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.15, [Bldg. Use 1 - Detox facility] (b)	37	---	---	0.420	0.650
Window 6: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 3.33, [Bldg. Use 1 - Detox facility] (b)	22	---	---	0.420	0.650
Window 7: Metal Frame with Thermal Break, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.19, [Bldg. Use 1 - Detox facility] (b)	6	---	---	0.420	0.650
Door 1: Glass (> 50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.04, [Bldg. Use 1 - Detox facility] (b)	47	---	---	0.420	0.900
Door 2: Glass (> 50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.38, [Bldg. Use 1 - Detox facility] (b)	21	---	---	0.420	0.900
Door 3: Glass (> 50% glazing) Metal Frame, Non-Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 2.50, [Bldg. Use 1 -	21	---	---	0.420	0.650

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor$_{dn}$
Detox facility] (b)					
Door 4: Glass (> 50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.15, [Bldg. Use 1 - Detox facility] (b)	21	---	---	0.420	0.900
Door 5: Glass (> 50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID P-EFC-96884, SHGC 0.24, PF 1.19, [Bldg. Use 1 - Detox facility] (b)	21	---	---	0.420	0.900
Floor 1: Slab-On-Grade Unheated, [Bldg. Use 1 - Detox facility] (c)	374	---	---	0.730	0.730

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.
(d) High albedo roof requirement options: 1) 3-year aged solar reflectance >= 0.55 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0.

Envelope PASSES: Design 9% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 90.1 (2010) Standard requirements in COMcheck Version 4.1.4.2 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Mark Valand, AIA — Name - Title
Mark Valand — Signature
09/09/20 — Date

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1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project
THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client
NEW HANOVER COUNTY, NORTH CAROLINA

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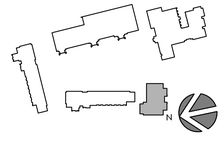
Key Plan



Professional Seals

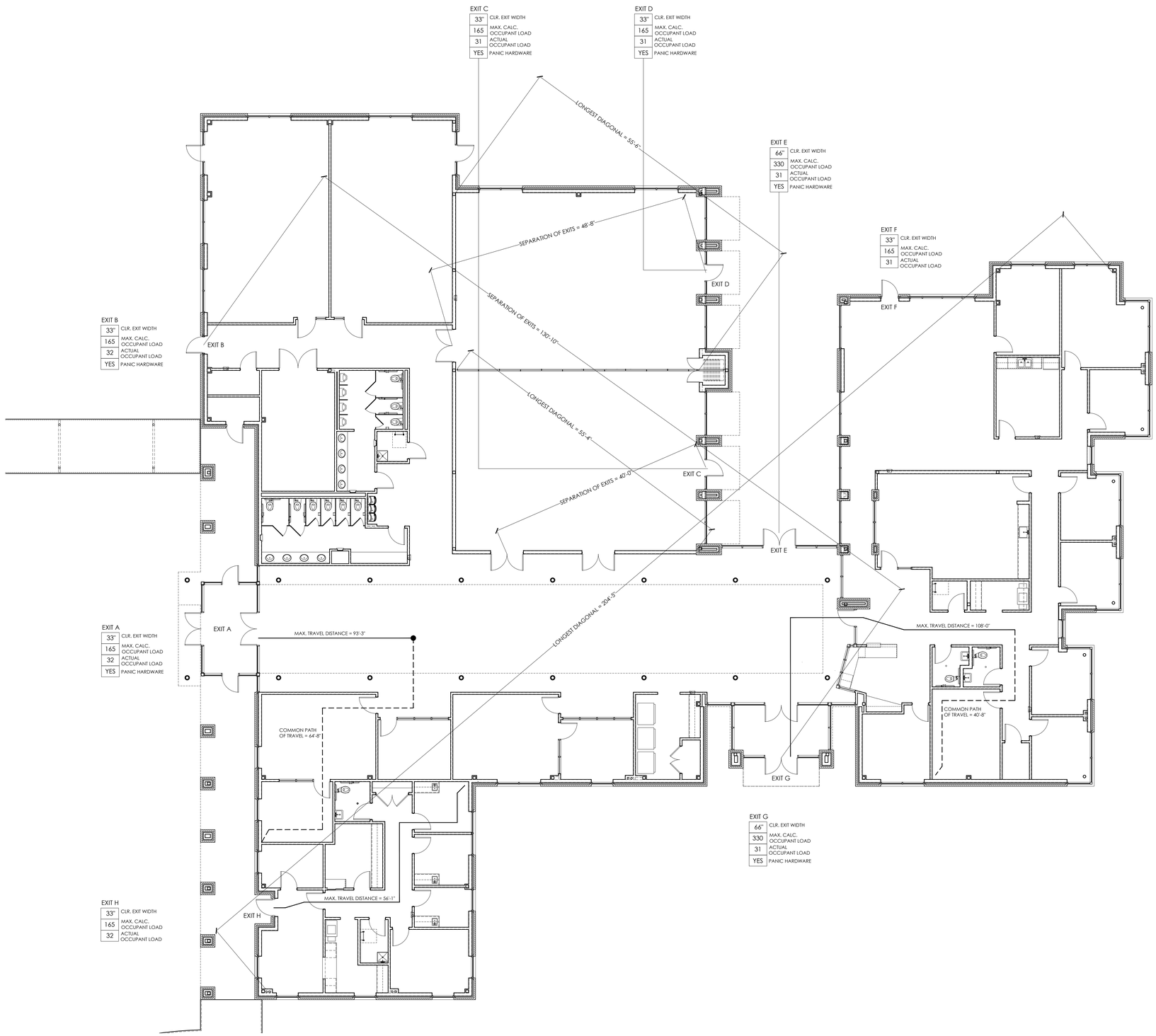
No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING
Sheet Title
BUILDING CODE SUMMARY

DETOX BUILDING
Original drawing is 42 x 30 . Do not scale contents of this drawing

Sheet Number
T-105

9/23/2020 2:25 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - T-105 CD Detox Clinic Building BCS.dwg



LIFE SAFETY PLAN - ADMINISTRATIVE/EDUCATION BUILDING | 01

SCALE: 1/8" = 1'-0"

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Key Plan

Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

LIFE SAFETY PLAN

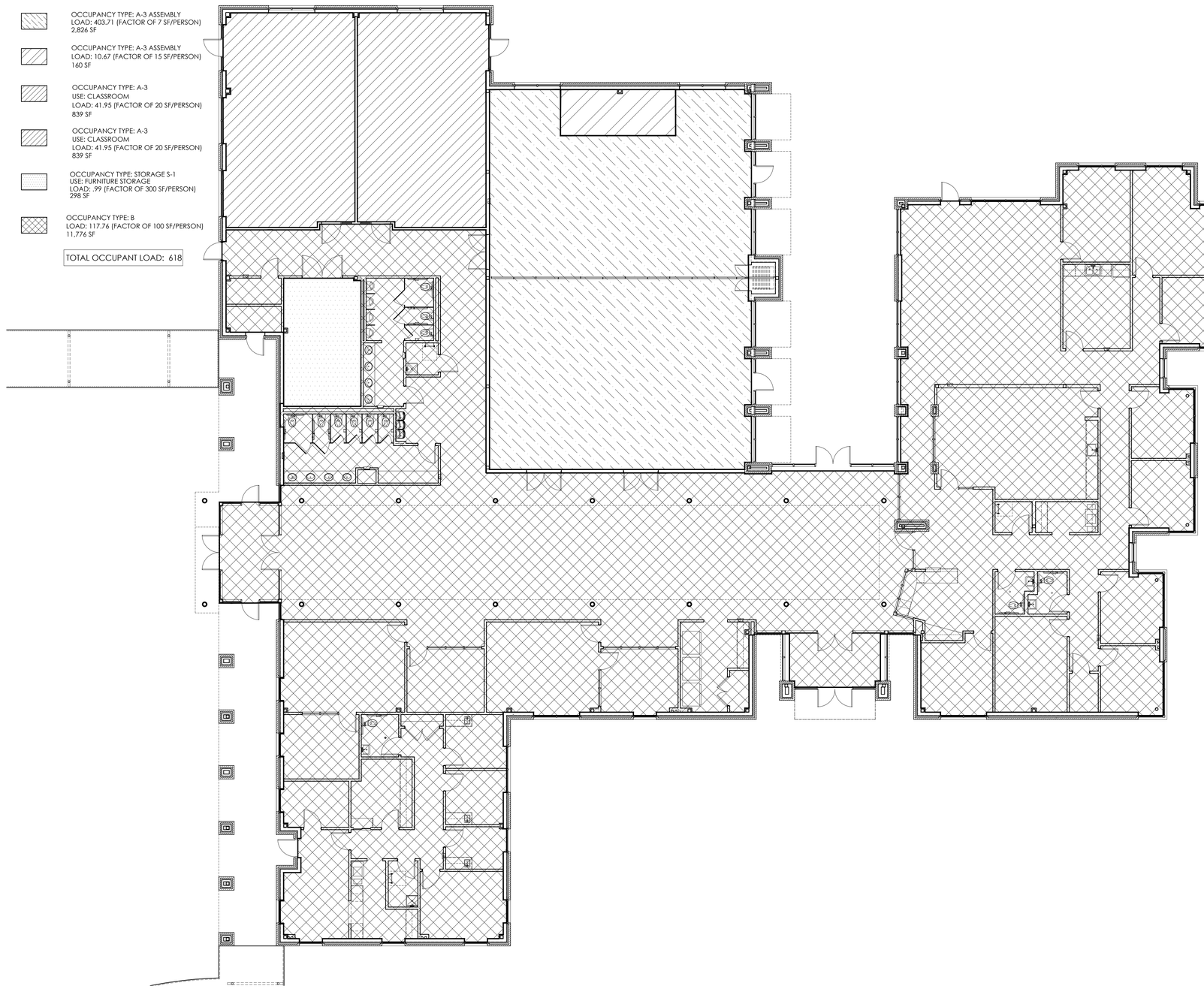
ADMIN/EDU BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

T-106

9/23/2020 1:57 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - T-106 T-107 T-108 - CD Life Safety Occupancy Plan - Administrative and Detox Buildings.dwg



OCCUPANCY PLAN - ADMINISTRATIVE/EDUCATION BUILDING | 01

SCALE: 1/8" = 1'-0"

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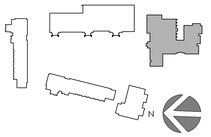


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

OCCUPANCY PLAN

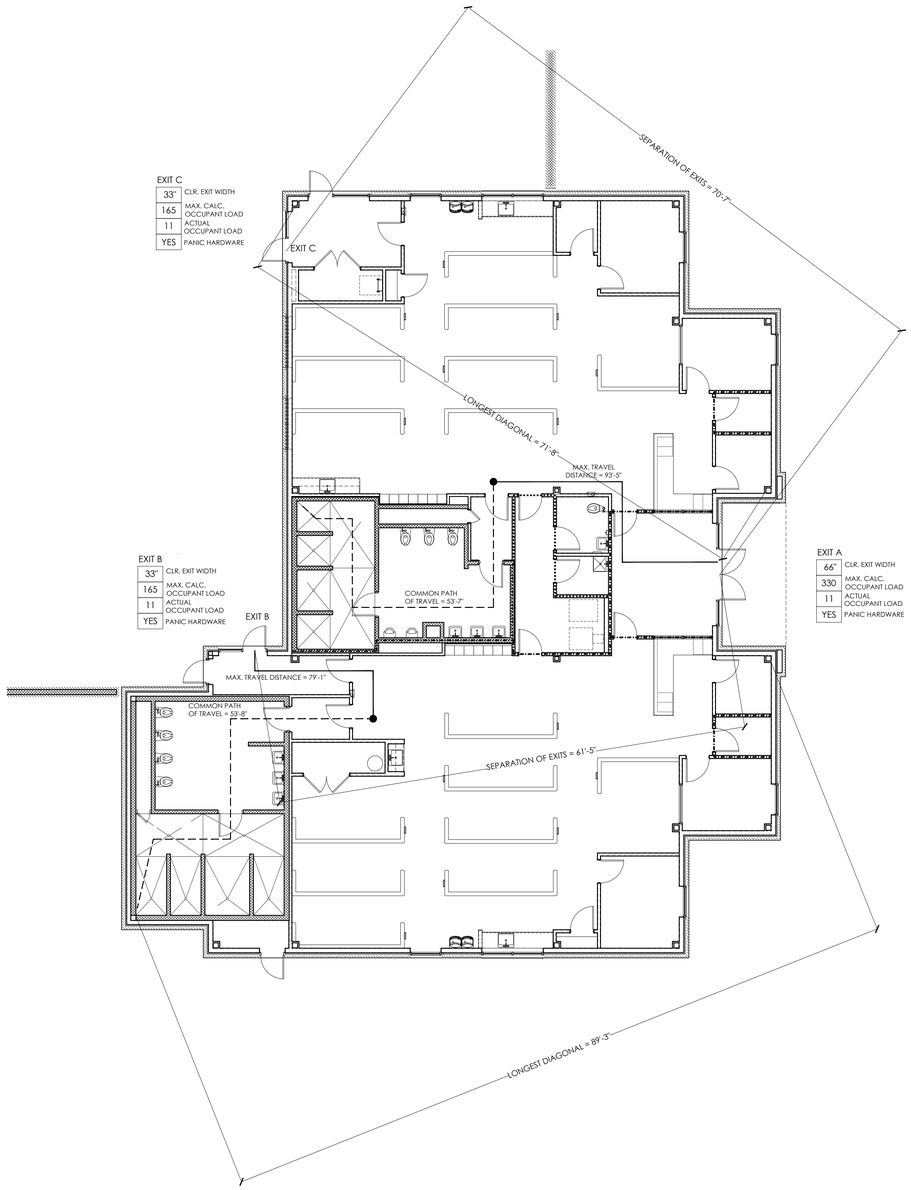
ADMIN/EDU BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

T-107

9/23/2020 1:38 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - T-106 T-107 T-108 - CD Life Safety Occupancy Plan - Administrative and Detox Buildings.dwg



LIFE SAFETY PLAN - DETOX BUILDING | 01
SCALE: 1/8" = 1'-0"

OCCUPANCY PLAN - DETOX BUILDING | 02
SCALE: 1/8" = 1'-0"

REFUGE AREA PLAN - DETOX BUILDING | 03
SCALE: 1/8" = 1'-0"

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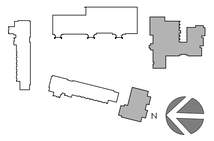


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

LIFE SAFETY & OCCUPANCY PLANS

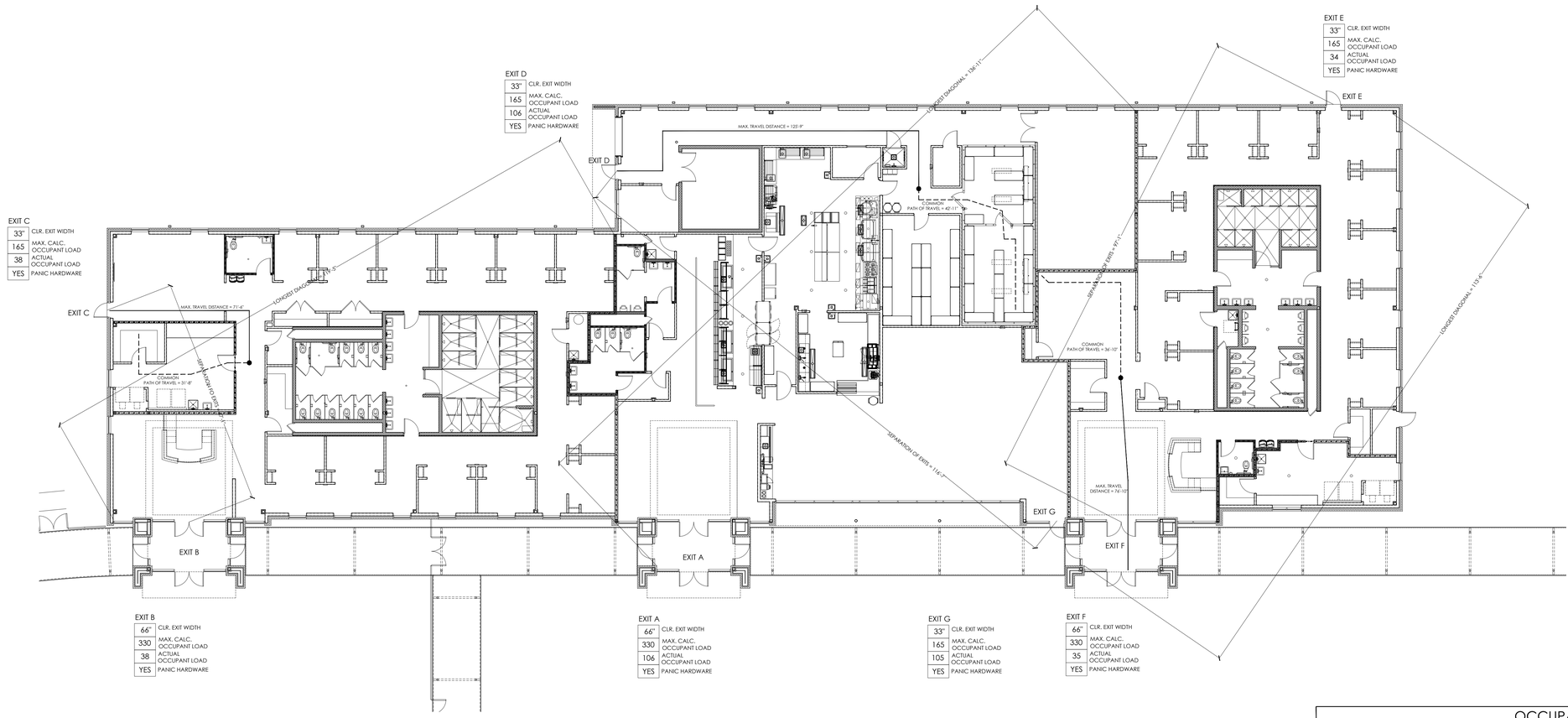
DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

T-108

9/23/2020 1:59 PM P:\16HTWILMRG\Construction Documents\CD-16HTWILMRG - T-106 T-107 T-108 - CD Life Safety Occupancy Plan - Administrative and Detox Buildings.dwg



OCCUPANCY PLAN | 01
SCALE: 3/32" = 1'-0"

SUITE #1

OCCUPANCY TYPE: BUSINESS B
USE: LAUNDRY
LOAD: 4.51 (FACTOR OF 100 SF/PERSON)
451 SF

OCCUPANCY TYPE: INSTITUTIONAL I-1
USE: SHELTER AND ALCOHOL & DRUG CENTER PROGRAMS
SLEEPING AREA LOAD: 43.25 (FACTOR OF 120 SF/PERSON)
5,190 SF
TV ROOM LOAD: 27.86 (FACTOR OF 15 SF/PERSON)
418 SF

TOTAL OCCUPANT LOAD: 76

SUITE #2

OCCUPANCY TYPE: ASSEMBLY A-2
USE: DINING & KITCHEN
KITCHEN LOAD: 7.74 (FACTOR OF 200 SF/PERSON)
1,548 SF
DINING LOAD: 145.4 (FACTOR OF 15 SF/PERSON)
2,181 SF
QUEUE & SERVING LINE LOAD: 56.2 (FACTOR OF 5 SF/PERSON)
281 SF
LOBBY LOAD: 98 (FACTOR OF 7 SF/PERSON)
686 SF

OCCUPANCY TYPE: BUSINESS B
USE: OFFICE
LOAD: 1.19 (FACTOR OF 100 SF/PERSON)
119 SF

OCCUPANCY TYPE: STORAGE S-1
USE: TOOL, GIFT IN KIND STORAGE & DRY FOOD STORAGE
LOAD: 7.64 (FACTOR OF 300 SF/PERSON)
2,292 SF

TOTAL OCCUPANT LOAD: 317

SUITE #3

OCCUPANCY TYPE: INSTITUTIONAL I-1
USE: SHELTER AND ALCOHOL & DRUG CENTER PROGRAMS
SLEEPING AREA LOAD: 38.84 (FACTOR OF 120 SF/PERSON)
4,661 SF
TV ROOM LOAD: 25.6 (FACTOR OF 15 SF/PERSON)
384 SF

OCCUPANCY TYPE: BUSINESS B
USE: LAUNDRY
LOAD: 3.78 (FACTOR OF 100 SF/PERSON)
378 SF

TOTAL OCCUPANT LOAD: 69

SUITE #1 | SUITE #2 | SUITE #3

CIRCULATION AREA NETTED OUT OF OCCUPANT LOAD CALCULATIONS

LIFE SAFETY PLAN | 02
SCALE: 3/32" = 1'-0"

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Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

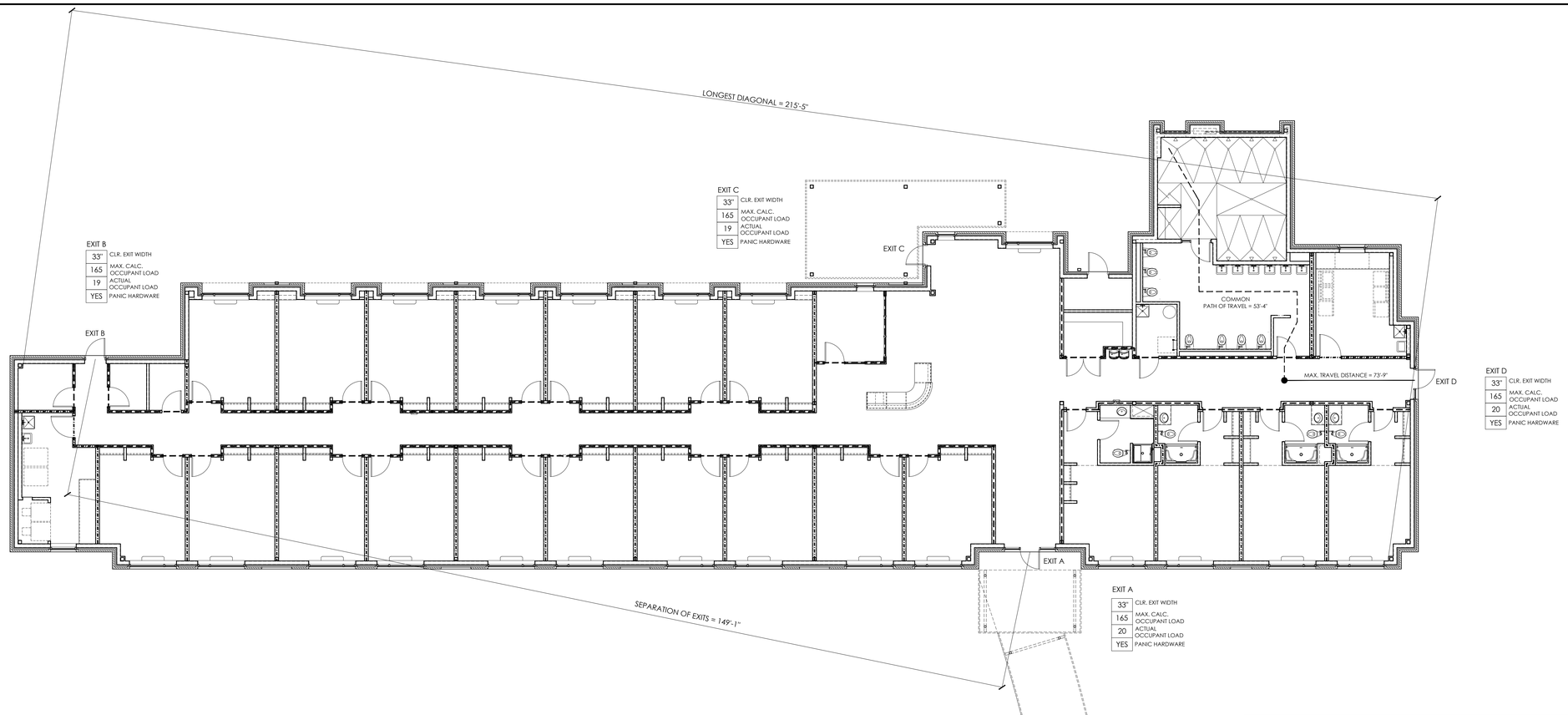
Project Code: 16HTWILMING

Sheet Title
LIFE SAFETY & OCCUPANCY PLANS DINING/SHELTER/STORAGE BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

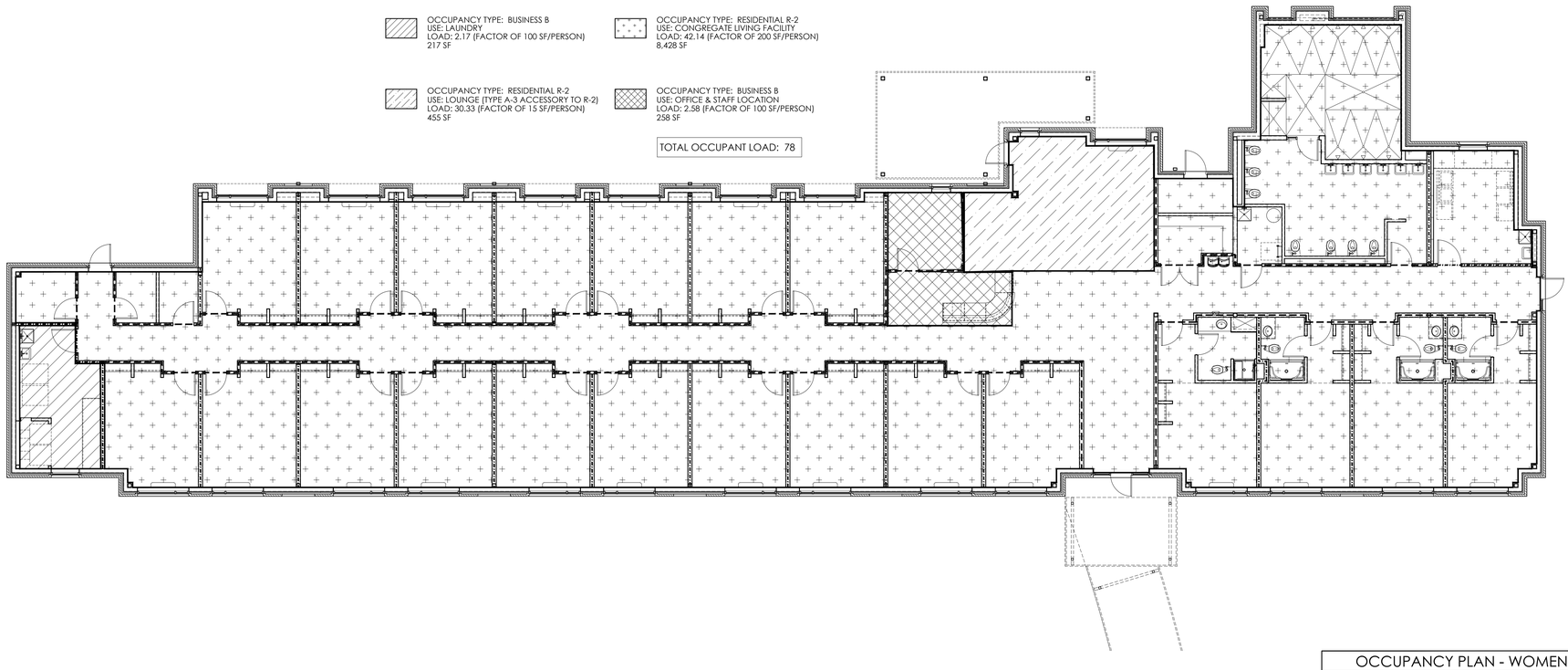
Sheet Number
T-109

9/23/2020 2:02 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - T-109 - CD Life Safety Occupancy Plan - Dining - Shelter - Storage Building.dwg



LIFE SAFETY PLAN - WOMEN'S RESIDENTIAL BUILDING 01

SCALE: 1/8" = 1'-0"



OCCUPANCY PLAN - WOMEN'S RESIDENTIAL BUILDING 02

SCALE: 1/8" = 1'-0"

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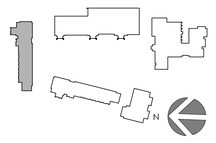

Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

LIFE SAFETY & OCCUPANCY PLANS RESIDENTIAL WOMEN'S FACILITY BLDG

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

T-110

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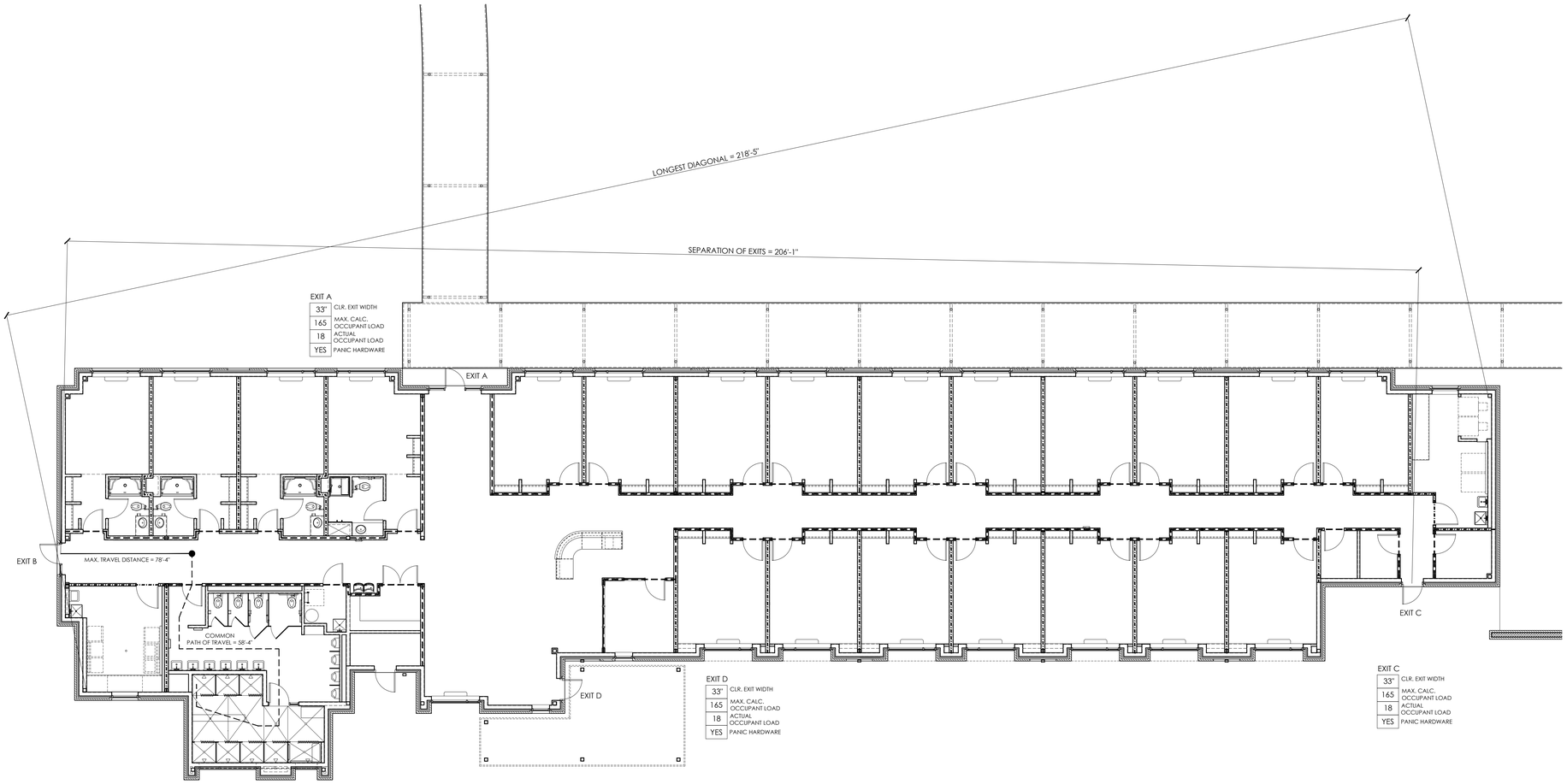
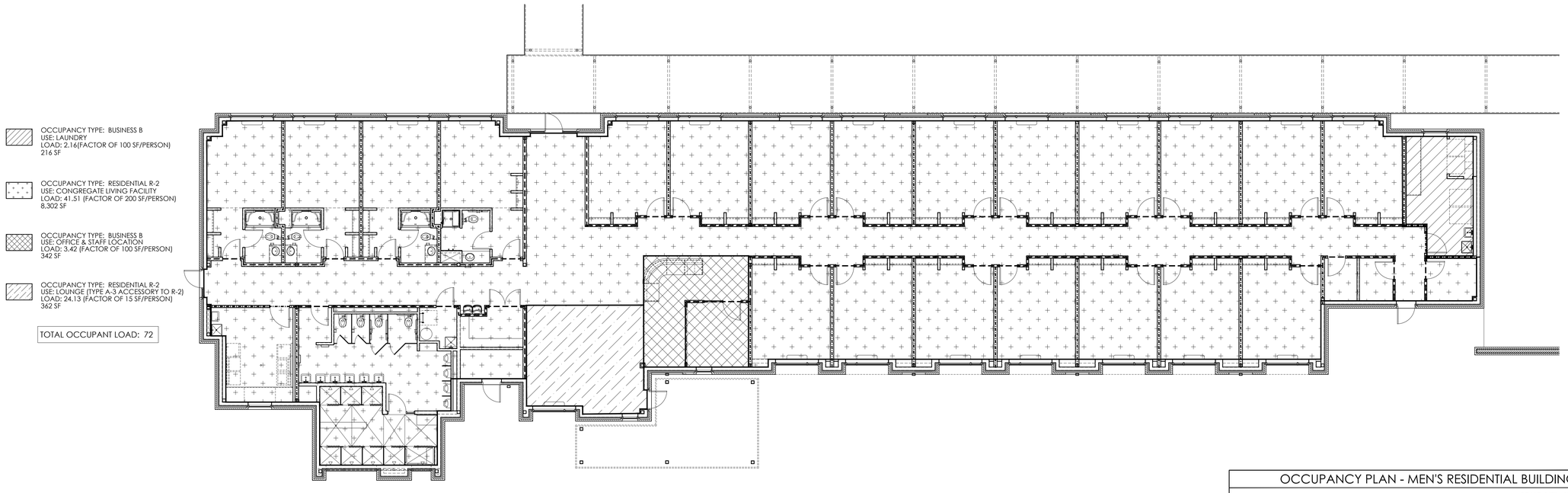


LIFE SAFETY PLAN - MEN'S RESIDENTIAL BUILDING | 01
SCALE: 1/8" = 1'-0"



OCCUPANCY PLAN - MEN'S RESIDENTIAL BUILDING | 02
SCALE: 1/8" = 1'-0"

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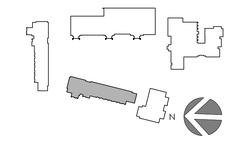


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title
LIFE SAFETY & OCCUPANCY PLANS RESIDENTIAL MEN'S FACILITY BLDGS

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number
T-111

9/23/2020 2:06 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - T-110 T-111 - CD Life Safety Occupancy Plan - Residential Men's and Women's Facility Buildings.dwg

UL Product **iQ**™

BXUV.U419

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

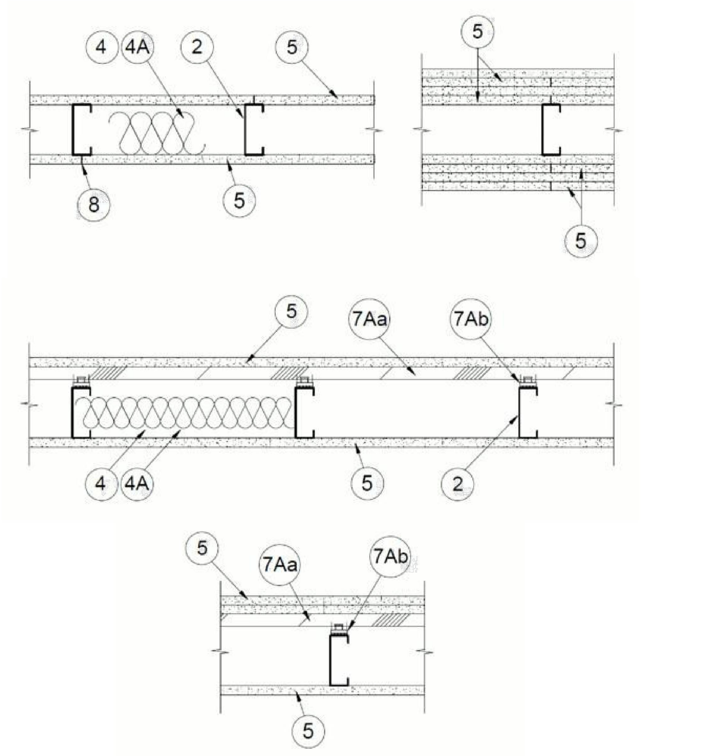
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U419

August 05, 2020

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5J)

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Floor and Ceiling Runners —** (Not Shown) — For use with Item 2 — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

1A. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™ Track

CRACO MFG INC — SmartTrack25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track

FUSION BUILDING PRODUCTS — Viper25™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper25™ Track

1B. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

FUSION BUILDING PRODUCTS — Viper20™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track

1C. **Framing Members* — Floor and Ceiling Runners —** (Not Shown) — In lieu of Item 1 — Channel shaped, attached to floor and ceiling with fasteners 24 in. OC. max.
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

1D. **Floor and Ceiling Runners —** (Not Shown) — For use with Item 2A — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1E. **Framing Members* — Floor and Ceiling Runners —** (Not Shown, As an alternate to Item 1) — For use with Items 2E, 5F or 5G or 5I only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.
CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

DMFCWBS L L C — ProTRAK

MBA METAL FRAMING — ProTRAK

RAM SALES L L C — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK

1F. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2F, proprietary channel shaped runners, minimum width to accommodate stud size, with 1- 1/8 in. long legs fabricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
SUPER STUD BUILDING PRODUCTS — The Edge

1G. **Framing Members* — Floor and Ceiling Runner —** For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners 24 in. OC max.
STUDCO BUILDING SYSTEMS — CROCSTUD Track

1H. **Floor and Ceiling Runners —** (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.018 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC.
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100

FUSION BUILDING PRODUCTS — Viper20™ Track VT100

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track VT100

1I. **Framing Members* — Floor and Ceiling Runners —** (Not Shown, As an alternate to Item 1) — For use with Items 2H, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.
TELLING INDUSTRIES L L C — TRUE-TRACK™

1J. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2I, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.
TELLING INDUSTRIES L L C — Viper25™ Track

1K. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2J, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
TELLING INDUSTRIES L L C — Viper20™ Track

1L. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2N, proprietary channel shaped runners, 1-1/4 in. wide by min. 3-1/2 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
RESCUE METAL FRAMING, L L C — AlphaTRAK

1M. **Framing Members* — Floor and Ceiling Runners —** Not Shown — As an alternate to Item 1 — For use with Item 2O, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
RONDO BUILDING SERVICES PTY LTD — Rondo Wall Track

1N. **Framing Members* — Floor and Ceiling Runners —** Not Shown — As an alternate to Item 1 — For use with Item 2P, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
OEG BUILDING MATERIALS — OEG Track

1O. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2Q, proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X Track

2. **Steel Studs —** Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

2A. **Steel Studs —** (As an alternate to Item 2, For use with Items 5B, 5E, 5H, 5J or Type ULIX) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2B. **Framing Members* - Steel Studs —** (As an alternate to Item 2, For use with Items 5C, 5I or Type ULIX) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™

CRACO MFG INC — SmartStud25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

FUSION BUILDING PRODUCTS — Viper25™

IMPERIAL MANUFACTURING GROUP INC — Viper25™

2C. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

FUSION BUILDING PRODUCTS — Viper20™

IMPERIAL MANUFACTURING GROUP INC — Viper20™

2D. **Framing Members* — Steel Studs —** In lieu of Item 2 — Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

2E. **Framing Members* — Steel Studs —** (Not Shown, As an alternate to Item 2) — For use with Items 5F or 5G or 5I or Type ULIX only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS L L C — ProSTUD

MBA METAL FRAMING — ProSTUD

RAM SALES L L C — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

2F. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights.
SUPER STUD BUILDING PRODUCTS — The Edge

2G. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height.
STUDCO BUILDING SYSTEMS — CROCSTUD

2H. **Framing Members* — Steel Studs —** (Not Shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
TELLING INDUSTRIES L L C — TRUE-STUD™

2I. **Framing Members* — Steel Studs —** (As an alternate to Item 2, For use with Items 5C or 5L or 5K) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.
TELLING INDUSTRIES L L C — Viper25™

2J. **Framing Members* — Metal Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights
TELLING INDUSTRIES L L C — Viper20™

2K. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
EB METAL INC — NITROSTUD

2L. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
OLMAR SUPPLY INC — PRIMESTUD

2M. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2N. **Framing Members*— Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min depth 3-1/2 in. and as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in length than assembly height.
RESCUE METAL FRAMING, L L C — AlphaSTUD

2O. **Framing Members* — Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.
RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud

2P. **Framing Members* — Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, min 25 MSG galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.
OEG BUILDING MATERIALS — OEG Stud

2Q. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — For use with Item 1O, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X

3. **Wood Structural Panel Sheathing —** (Optional, For use with Item 5 Only) — (Not Shown) — 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in.

4. **Batts and Blankets* —** (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5.

See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

4A. **Batts and Blankets* —** (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.
See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

4B. **Fiber, Sprayed* —** (Optional, for use with Type ULIX) Where insulation is required - Spray applied granulated mineral fiber material. The fiber is applied with adhesive at a minimum density of 4.0 pcf to completely fill the wall cavity in accordance with the application instructions supplied with the product. See **Fiber, Sprayed** (CCAZ).
AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

5. **Gypsum Board* —** Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) with Type ULIX need not be staggered. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
2	3-1/2	1 layer, 3/4 in. thick	3 in.
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	2 layers, 3/4 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional
4	2-1/2	2 layers, 3/4 in. thick	2 in.

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Type C and 5/8 in. thick Type SCX

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SGX, SHX, ULIX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, **Steel Framing Members***, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.

5A. **Gypsum Board* —** (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.
CGC INC — Type SHX.

UNITED STATES GYPSUM CO — Type FRX-G, SHX.

USG MEXICO S A DE C V — Type SHX.

5B. **Gypsum Board* —** (Not Shown) — As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) — Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12).
RAY-BAR ENGINEERING CORP — Type RB-LBG

5C. **Gypsum Board* —** (For Use With Item 2B) — Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.
CGC INC — Type SCX, ULIX.

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX

UNITED STATES GYPSUM CO — Type SCX, SGX, ULIX.

USG BORAL DRYWALL SFZ LLC — Type SCX

USG MEXICO S A DE C V — Type SCX

5D. **Gypsum Board* —** (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only.
CGC INC — Type USGX

UNITED STATES GYPSUM CO — Type USGX

USG BORAL DRYWALL SFZ LLC — Type USGX

USG MEXICO S A DE C V — Type USGX

5E. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.
NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

5F. **Gypsum Board* —** (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in.
THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX

UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX, ULIX

USG BORAL DRYWALL SFZ LLC — 5/8 in. thick Type SCX, SGX

5G. **Gypsum Board* —** (As an alternate to Item 5) — For use with Items 1E and 2E only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Item 2E	No. of Layers & Thickness of Panel	Min Thkns of Insulation (Item 4)
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR;, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX or 3/4 in. thick Types IP-X3 or ULTRACODE

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Types C and 5/8 in. thick SCX

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR, ULIX; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

5H. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A).
MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

5I. **Gypsum Board* —** (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5.
CGC INC — Type ULIX, ULX

UNITED STATES GYPSUM CO — Type ULIX, ULX

USG MEXICO S A DE C V — Type ULX

5J. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".
RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

6. **Fasteners —** (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick

panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. **Single layer system with Type ULIX:** 1 in. long, spaced 12 in. OC in the field and perimeter, when panels are applied horizontally or vertically.**Two layer systems:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer.**Three-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. **Four-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

7. **Furring Channels —** (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A.

7A. **Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

7B. **Framing Members* —** (Optional, Not Shown) — As an alternate to Item 7, for single or double layer systems, furring channels and Steel Framing Members on only one side of studs as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 5A.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.
KINETICS NOISE CONTROL INC — Type Isomax

7C. **Framing Members* —** (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Ca) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.
PLITEQ INC — Type GENIECLIP

7D. **Steel Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire.. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Da) to studs. Clips spaced 48 in. OC., and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

7E. **Steel Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 7Eb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire.. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Ea) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
REGUPOL AMERICA — Type SonusClip

7F. **Steel Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — Resilient channels and Steel Framing Members as described below:
a. **Resilient Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 5. Not for use with Item 5A and 5E.

b. **Steel Framing Members* —** Used to attach resilient channels (Item 7Fa) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.
KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

7G. **Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. or 1-1/2 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Ga) to studs (Item 2). Clips spaced max. 48 in. OC. Clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips.
CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

8. **Joint Tape and Compound —** Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.

9. **Siding, Brick or Stucco —** (Optional, Not Shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

10. **Caulking and Sealants* —** (Optional, Not Shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.
UNITED STATES GYPSUM CO — Type AS

11. **Lead Batten Strips —** (Not Shown, For Use With Item 5B) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5B) and optional at remaining stud locations. Required behind vertical joints.

11A. **Lead Batten Strips —** (Not Shown, For Use With Item 5H) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations.

12. **Lead Discs or Tabs —** (Not Shown, For Use With Item 5B) — Used in lieu of or in addition to the lead batten strips (Item 11) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5B) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

12A. **Lead Discs —** (Not Shown, for use with Item 5H) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

13. **Lead Batten Strips —** (Not Shown, For Use With Item 5E) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5E) and optional at remaining stud locations.

14. **Lead Tabs —** (Not Shown, For Use With Item 5E) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 5E) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

15. **Barrier Mesh —** (Optional, Not Shown) - Attached to steel studs on one or both sides of the wall using Barrier Mesh Clips spaced at maximum 12 inches on center vertically, using a flat head type screw penetrating through the steel at least 3/8 of an inch. For Steel Studs less than 0.033 inches in thickness, use self-piercing screws. For Steel Studs equal to or greater than 0.033 inches in thickness, use steel drill screws (self-tapping). Gypsum Board (Item 5) to be installed directly over the Barrier Mesh using prescribed screw patterns with lengths increased by a minimum 1/8 in. Barrier Mesh may be installed with the long dimension of the diamond pattern positioned vertically or horizontally. Barrier Mesh joints may occur as butt joints at the framing members and secured using the Barrier Mesh Clips or occur in between framing members as overlapping joints secured using 18 SWG wire ties spaced a maximum 12 in. on center.
CLARKDIETRICH BUILDING SYSTEMS — Barrier Mesh, Barrier Mesh Clips

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2020-08-05

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isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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Key Plan

Professional Seals

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I.S. DESIGN, P.A. REGISTERED CORPORATION 51286 N.C. RALEIGH, N.C.

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

UL DETAILS

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

T-112

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UL Product iQ™

BXUV.U425

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See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U425

August 06, 2020

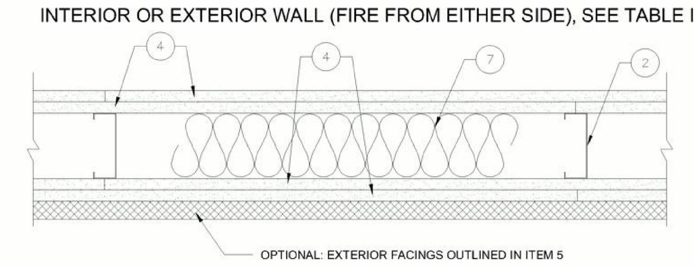
Bearing Wall Rating — 3/4 Hr., 1, 1-1/2 or 2 Hr.

(See Items 2, 4 and 5)

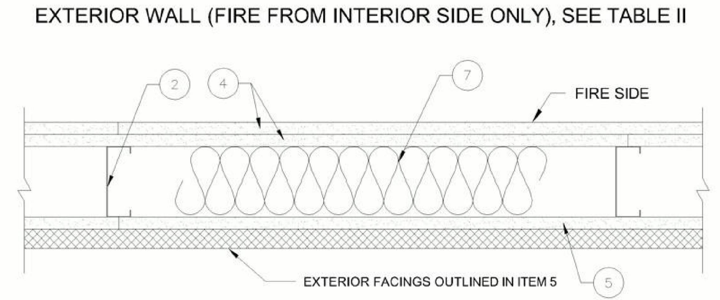
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

INTERIOR OR EXTERIOR WALL (FIRE FROM EITHER SIDE), SEE TABLE I



EXTERIOR WALL (FIRE FROM INTERIOR SIDE ONLY), SEE TABLE II



1. **Steel Floor and Ceiling Tracks —** (Not Shown) — Top and bottom tracks of wall assemblies shall consist of steel members, min No. 20 MSG (0.0329 in., min bare metal thickness) steel or min No. 20 MSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, that provide a sound structural connection between steel studs, and to adjacent assemblies such as a floor, ceiling, and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. O.C.

2. **Steel Studs —** Min 3-1/2 in. wide, No. 20 MSG (0.0329 in., min bare metal thickness) corrosion protected cold formed steel studs designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. OC (or 16 in. OC when Item 5b is used). Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications.

2A. **Steel Studs — Framing Members* —** In lieu of Item 2 — Min 3-1/2 in. wide, No. 20 MSG (0.0329 in., min bare metal thickness) corrosion protected cold formed steel studs designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. OC (or 16 in. OC when Item 5b is used). Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications.
EB METAL INC — NITROSTUD

2B. **Steel Studs — Framing Members* —** In lieu of Item 2 — Min 3-5/8 in. wide, No. 20 MSG (0.036 in. min. thickness) corrosion protected cold formed steel studs designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. OC (or 16 in. OC when Item 5b is used). Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications.
BAILEY METAL PRODUCTS LTD

3. **Lateral Support Members —** (Not Shown) — Where required for lateral support of studs, support may be provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.

4. **Gypsum Board* — Any 1/2 in. thick UL Classified Gypsum Board that is eligible for use in Design No. X515. Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305.** Gypsum board bearing the UL Classification Marking as to Fire Resistance. Applied vertically with joints between layers staggered. Outer layer of 3 layer construction may be applied horizontally unless specified below. The thickness and number of layers and percent of design load for the 45 min, 1 hr, 1-1/2 hr and 2 hr ratings are as follows:

TABLE I

Interior or Exterior Walls (Fire From Either Side)

Rating	Wallboard Protection Both Sides of Wall - No. of Layers & Thkns of Board In. Each Layers	% of Design Load
45 min	1 layer, 1/2 in. thick	100
1 hr	1 layer, 5/8 in. thick	100
1-1/2 hr	2 layers, 1/2 in. thick	100
2 hr	2 layers, 5/8 in. thick or	80
2 hr	3 layers, 1/2 in. thick	100
2 hr	2 layers, 3/4 in. thick	100

Note: Exterior facings allowed for use with Item 5 are also allowed to be installed on one side of the above walls.

TABLE II

Exterior Walls (Fire from Interior Side Only)

Rating	Wallboard Protection on Interior Side of Wall - No. of Layers & Thkns of Board In. Each Layers	% of Design Load
45 min	1 layer, 5/8 in. thick	100
1 hr	2 layers, 1/2 in. thick	100
1-1/2 hr	2 layers, 5/8 in. thick	100
2 hr	3 layers, 1/2 in. thick	100
2 hr	2 layers, 3/4 in. thick	100

AMERICAN GYPSUM CO (View Classification) — CKNX.R14196

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) — CKNX.R19374

CABOT MANUFACTURING ULC (View Classification) — CKNX.R25370

CERTAINTEED GYPSUM INC (View Classification) — CKNX.R3660

CGC INC (View Classification) — CKNX.R19751

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C (View Classification) — CKNX.R18482

GEORGIA-PACIFIC GYPSUM L L C (View Classification) — CKNX.R2717

LOADMASTER SYSTEMS INC (View Classification) — CKNX.R11809

NATIONAL GYPSUM CO (View Classification) — Riyadh, Saudi Arabia — CKNX.15208

NATIONAL GYPSUM CO (View Classification) — CKNX.R3501

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM (View Classification) — CKNX.R7094

PANEL REY S A (View Classification) — CKNX.R21796

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) — CKNX.R19262

THAI GYPSUM PRODUCTS PCL (View Classification) — CKNX.R27517

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO (View Classification) — CKNX.R40305

UNITED STATES GYPSUM CO (View Classification) — CKNX.R1319

USG BORAL DRYWALL SFZ LLC (View Classification) — CKNX.R38438

USG MEXICO S A DE C V (View Classification) — CKNX.R16089

4A. **Gypsum Board —** Nom. 3/4 in. gypsum board applied vertically with joints between layers staggered. The thickness and number of layers and percent of design load for the 2 hr ratings are shown in the table above.
CGC INC — Types AR, IP-AR, IP-X3, or ULTRACODE

UNITED STATES GYPSUM CO — Types AR, IP-AR, IP-X3, or ULTRACODE

USG BORAL DRYWALL SFZ LLC — Type ULTRACODE

USG MEXICO S A DE C V — Types AR, IP-AR, IP-X3, or ULTRACODE

4B. **Gypsum Board* —** (As an alternate to Item 4) — Nom. 5/8 in. thick gypsum panels, with square edges, applied horizontally. Gypsum panels fastened to framing with 1 in. long bugle head steel screws spaced a max 8 in. OC, with last 2 screws 3/4 in. and 4 in. from each edge of board. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs on interior walls need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers on interior walls (multilayer systems) staggered a min of 12 in.
GEORGIA-PACIFIC GYPSUM L L C — GreenGlass Type X, Type DGG

NATIONAL GYPSUM CO — Type FSW-6.

CERTAINTEED GYPSUM INC — GlasRoc

4C. **Gypsum Board* —** (As an alternate to Item 4) — 5/8 in. thick, 4 ft. wide, paper surfaced applied vertically only and secured as described in Item 6.
GEORGIA-PACIFIC GYPSUM L L C — Type X ComfortGuard Sound Deadening Gypsum Board.

NATIONAL GYPSUM CO — Type SBWB

4D. **Wall and Partition Facings and Accessories* —** (As an alternate to Item 4) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES.

4E. **Wall and Partition Facings and Accessories* —** (As an alternate to Item 4) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527.

4F. **Gypsum Board* —** (As an alternate to 5/8 in. Type FSW in Item 4) — Nom. 5/16 in. thick gypsum panels applied vertically. Two layers of 5/16 in. for every single layer of 5/8 in. gypsum board described in Item 4. Horizontal joints on the same side need not be staggered. Inner layer of each double 5/16 in. layer attached with fasteners, as described in item 4, spaced 24 in. OC. Outer layer of each double 5/16 in. layer attached per Item 4.
NATIONAL GYPSUM CO — Type FSW.

4G. **Wall and Partition Facings and Accessories* —** (As an alternate to 5/8 in. thick board as outlined in Item 4) — Nominal 1-3/8 in. thick, 4 ft wide panels, applied vertically or horizontally. Fastened to studs as described in item 6.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 545

5. **Gypsum Boards —** For exterior walls, Rating from Interior Side Only - 1/2 or 5/8 in. thick Classified or unclassified gypsum boards applied vertically and attached to studs and runner tracks with 1 in. long Type S-12 bugle head screws spaced 12 in. OC. along studs and tracks. One of the following exterior facings are to be applied over the gypsum board.
   a. **Siding, Brick, or Stucco —** Aluminum siding, steel siding, brick veneer, or stucco attached to studs over gypsum sheathing and meeting the requirements of local code agencies. When a min 3-3/4 in. thick brick veneer facing is used, the Exterior Wall Rating is applicable with exposure on either face. Brick veneer wall attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick. When a min 3-3/4 in. thick brick veneer facing is used, Foamed Plastic (Item 10) may be used.

   b. **Cementitious Backer Units* —** 1/2 or 5/8 in. thick, attached vertically or horizontally to steel studs over gypsum sheathing with 1-5/8 in. long, Type S-12, corrosion resistant, wafer head steel screws, spaced 8 in. OC. Studs spaced a

max of 16 in. OC. Joints covered with glass fiber mesh tape.
UNITED STATES GYPSUM CO — Type DCB

NATIONAL GYPSUM CO — Type PermBase, or DuraBacker

c. **Fiber-Cement Siding —** Fiber-cement exterior sidings including smooth and patterned panel or lap siding.

d. **Molded Plastic* —** Solid vinyl siding mechanically secured to framing members in accordance with manufacturer's recommended installation details.
ALSIDE, DIV OF ASSOCIATED MATERIALS INC

e. **Wood Structural Panel or Lap Siding —** APA Rated Siding, Exterior, plywood, OSB or composite panels with veneer faces and structural wood core, per PS 1 or APA Standard PRP-108, including textured, rough sawn, medium density overlay, brushed, grooved and lap siding.

f. **Building Units* —** (Not Shown) — 3 in. thick 18 x 24 in. cellular glass blocks, applied to the gypsum board (Item 5) with PC 88 adhesive or fastened with F anchors spaced a maximum 24 in. OC. F anchors fastened to framing members with 1-1/4 in. long #6 drywall screws.
PITTSBURGH CORNING LLC — Type FoamGlas

6. **Fasteners —** (Not Shown) — Screws used to attach wallboard to studs: self-tapping bugle head sheet steel type, spaced 12 in. O.C. First layer Type S-12 by 1 in. long for 1/2 and 5/8 in. thick wallboards and 1-1/4 in. long for 3/4 in. thick wallboard. Second layer Type S-12 by 1-5/8 in. long for 1/2 and 5/8 in. thick wallboards and 2-1/4 in. long for 3/4 in. thick wallboard. Third layer Type S-12 by 1-7/8 in. long. Fasteners when Item 4G is used: First layer #6 x 2 in. long drywall screw spaced 8 in. OC along the perimeter and 12 in. OC in the field. Second layer #6 x 4 in. long drywall screw spaced 8 in. OC along the perimeter and 12 in. OC in the field. Horizontal joints to be staggered 12 in. between layers.

7. **Batts and Blankets* —** Placed in stud cavities of all exterior walls. May or may not be used in interior walls. Any glass fiber or mineral wool batt material bearing the UL Classification Marking as to Fire Resistance, of a thickness to completely fill stud cavity.
See **Batts and Blankets*** (BZJZ) Category for names of Classified companies.

7A. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 7) — (100% Borate Formulation) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft^3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft^3, in accordance with the application instructions supplied with the product.
U S GREENFIBER L L C — INS735, INS745, INS750LD for use with wet or dry application. INS765LD and INS773LD are to be used for dry application only.

7B. **Fiber, Sprayed* —** As an alternate to Item 7 — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 4.58 lb/ft^3.
NU-WOOL CO INC — Cellulose Insulation

7C. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 7) — Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft^3.
INTERNATIONAL CELLULOSE CORP — Celbar-RL

7D. **Fiber, Sprayed* —** (Optional) — As an alternate to Batts and Blankets (Item 7) — Spray applied mineral wool insulation. The fiber is applied with adhesive, at a minimum density of 4.0 pcf, to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. See Fiber, Sprayed (CCAZ).
AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

8. **Joint Tape and Compound —** (Not Shown) — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layer. Perforated paper tape, 2 in. wide, embedded in first layer of compound over all joints of outer layer.

9. **Furring Channels —** (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws.

10. **Foamed Plastic* —** (Optional, Not Shown) For use with brick veneer as outlined in Item 5a - Maximum 2 in. thick rigid polystyrene insulation attached to studs with fasteners of sufficient length to penetrate the foam and 3/16 in. into the stud. A minimum 1 in. air space is to be maintained between the outer surface of the foamed plastic and the inner surface of the brick veneer.
ATLAS MOLDED PRODUCTS, A DIVISION OF ATLAS ROOFING CORPORATION — Type ThermalStar

OWENS CORNING SCIENCE AND TECHNOLOGY, LLC

10A. **Foamed Plastic* —** (Optional, Not shown) — For use with brick veneer as outlined in Item 5a - Mortar drop protection - Foamed plastic with mortar control device attached, continuous, by drainage holes at bottom of air space behind brick veneer.
OWENS CORNING SCIENCE AND TECHNOLOGY, LLC — WeepGuard

10B. **Foamed Plastic* —** Polyisocyanurate foamed plastic insulation boards, any thickness, Classified in accordance with BRYX and / or CCVW. May be used with any exterior facing shown under items 5a, 5c, 5d and 5e.
ATLAS ROOFING CORP — "EnergyShield Pro Wall Insulation", "EnergyShield Pro 2 Wall Insulation", EnergyShield CGF Pro and EnergyShield Ply Pro

CARLISLE COATINGS & WATERPROOFING INC — Type R2+ SHEATHE

DUPONT DE NEMOURS, INC. — Type Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax XARMOR ci Exterior Insulation, Thermax IH Insulation, Thermax Plus Liner Panel, Thermax Heavy Duty Plus (HDP), TUFF-R™ ci Insulation, Thermax Butler Stylwall Insulation Board and Thermax Morton Heavy Duty Insulation Board

FIRESTONE BUILDING PRODUCTS CO L L C — "Enverge™ CI Foil Exterior Wall Insulation" and "Enverge™ CI Glass Exterior Wall Insulation"

HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — Type "Xci-Class A"," Xci 286", "Xci Foil (Class A)", "Xci CG", "Xci Foil", "Xci CG NH", "Xci Foil NH"

RMAX, A BUSINESS UNIT OF SIKA CORPORATION — Types "TSX-8500", "ECOMAXci FR", "TSX-8510", "ECOMAX xi FR White", "ECOMAXci", "ECOMAXci FR Air Barrier", "Thermasheath-XP", "Thermasheath", "Durasheath", "Thermasheath-3", "Durasheath-3".

10C. **Building Unit* —** Polyisocyanurate foamed plastic composite insulation boards, any thickness, Classified in accordance with BZXX. May be used with any exterior facing shown under items 5a, 5c, 5d and 5e.

HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — Type "Xci NB" and "Xci Ply"

LAMINATORS INC — Type "Omega ci"

RMAX, A BUSINESS UNIT OF SIKA CORPORATION — Types Thermasheath-SI, ECOBASEci, ECOMAXci FR Ply, ThermaBase-CI, "ECOMAXci Ply", attached to studs with Type S screws long enough to penetrate the studs a minimum of three threads.

10D. **Foamed Plastic* —** (As an alternate to Item 10 - Not Shown) — Expanded polystyrene insulation installed to a maximum nominal density of 2.0 lb/ft^2.

BASF CORP STYRENIC FOAMS DIV — — Type Neopor "F" Series

11. **Cementitious Backer Units* —** (Optional, Not Shown - For Use as an additional layer over required gypsum boards) - 7/16 in., 1/2 in., 5/8 in., 3/4 in. or 1 in. thick, min. 32 in. wide.- Applied vertically or horizontally with vertical joints centered over studs. Fastened to studs and runners with cement board screws of adequate length to penetrate stud by a minimum of 3/8 in. spaced a max of 8 in. OC. When 4 ft. wide boards are used, horizontal joints need not be backed by framing.
NATIONAL GYPSUM CO — Type DuraBacker, PermaBase, DuraBacker Plus, or PermaBase Plus

12. **Wall and Partition Facings and Accessories* —** (Optional, Not Shown) — For use with Item 1, Items 2 and 2A, Item 3, Item 4 to 4B, Item 6, Item 7, Item 8 and Item 9. For maximum fire rating of 1 hour. On one side of the wall, over the first layer of Gypsum Board (Item 4 to 4B), install RefleXor membrane with the gold side facing outwards. Membrane installed with T50 staples spaced 12 inches on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 2 inches. When RefleXor membrane is used an additional layer of Gypsum Board that is identical to the one used in the first layer and as specified in Item 4 to 4B shall be installed over the membrane. The additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 4 to 4B except the fastener length shall be increased by a minimum of 5/8 inch. Install Batts and Blankets in the stud cavity as per Item 7. On the other side of the wall prior to the installation of the Gypsum Board install Resilient Channels , 25 MSG galv steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws. Over the Resilient Channels install 3/4 inch thick SONOpan panel secured to the Resilient Channels with drywall screws and washers spaced at 16 in. OC on the perimeter of the panel and 8 in. OC in the field of the panel. Over the SONOpan panel install the same Gypsum Board as specified in Item 4 (and 4 alternates) with the fastener length increased by minimum 3/4 inch. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
MSL — RefleXor membrane, SONOpan panel.

13. **Wall and Partition Facings and Accessories* —** (Optional, Not Shown) - **When the Wall Assembly is used as an External Wall, on the External side of the wall one of the following Wall and Partition and Facing Accessories may be used, refer to items (A) to (C) below.**
   A. **Non Insulated System with Metal Channels —** Install moisture barrier over the Gypsum Board Item 4 and Install Acry Metal Channels vertically at a horizontal spacing not greater than 24 inches OC over the moisture barrier. Acry Metal Channels attached through the moisture barrier and the Gypsum Board to the Steel Studs Item 2 using fasteners specified by the manufacturer and fasteners spaced max., 24 in. OC. Install Acrytec Panels on Acry Metal Channels using 1-1/4" long corrosion coated stainless steel screws spaced at a max spacing of 24 inches OC, along with manufacturer's approved adhesive (3M 540 or Tremco Vulcum 116). Adhesive to be applied in a zigzag pattern along every channel. Joint treatment in between panels shall be Tremco illmod 600 pre compressed polyurethane foam sealant.

   B. **Insulated System with Metal Channels —** Install moisture barrier over the Gypsum Board Item 4. Install galvanized Z girt channels specified by the manufacturer over the moisture barrier and the Gypsum Board Item 4. Z girt channels to be installed horizontally at a max. spacing of 24" OC. Z girt channels attached through the Gypsum Board and the

moisture barrier to the Steel Studs Item 2, with screws provided by the manufacturer at a max spacing of 24 inches OC. Install mineral wool insulation between the Z girts. Maximum thickness of mineral wool insulation not to exceed 6 in. As per manufacturer's instructions install Acry Metal Channels vertically over the Z girts at a max horizontal spacing of 24 in. OC. Acrytec Panels installed on Acry channel with 1-1/4" long corrosion coated stainless steel screws at a max spacing of 24 in. OC, along with manufacturers approved adhesive (3M 540 or Tremco Vulcum 116). Adhesive to be applied in a zigzag pattern along every channel. Joint treatment in between panels to be Tremco illmod 600 pre compressed polyurethane foam sealant.

C. **Non Insulated Wood Strapping System —** Install moisture barrier over the Gypsum Board Item 4 and Install 1" x 3" wood strapping vertically at a horizontal spacing not greater than 24 inches OC., over the moisture barrier. 1" x 3" wood strapping attached through the moisture barrier and the Gypsum Board to the Steel Studs Item 2, using fasteners specified by the manufacturer and fasteners spaced max., 24 in. OC. Acrytec Panels to be installed on the 1" x 3" wood strapping using manufacturers approved stainless steel fasteners spaced at maximum 24 inches OC along with Tremco Vulcum 116 adhesive applied in a zigzag pattern along every wood strap. Joint treatment in between panels to be Tremco illmod 600 pre compressed polyurethane foam sealant.

D. **Insulated Wood Strapping System —** Install moisture barrier over the Gypsum Board Item 4. Install Extruded Polystyrene Insulation over moisture barrier, max thickness of insulation not to exceed 4 inches. Install 1" x 3" wood strapping vertically at a horizontal spacing not greater than 24 inches OC. Wood strapping attached through the Insulation, the Gypsum Board and moisture barrier to the Steel Studs Item 2 using fasteners specified by the manufacturer and fasteners spaced max. 24 in. OC. Acrytec Panels to be installed over the wood strapping using manufacturers approved stainless steel fasteners at a max spacing of 24 in. OC and Tremco Vulcum 116 adhesive applied in a zigzag pattern along every wood strap. Joint treatment in between panels to be Tremco illmod 600 pre compressed polyurethane foam sealant.
ACRYTEC PANEL INDUSTRIES — Nominal 5/8 inch thick Acrytec Panel.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2020-08-06

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UL Product iQ™

BXUV.U906

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BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U906

March 02, 2020

Bearing Wall Rating — 2 HR.

Nonbearing Wall Rating — 2 HR.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

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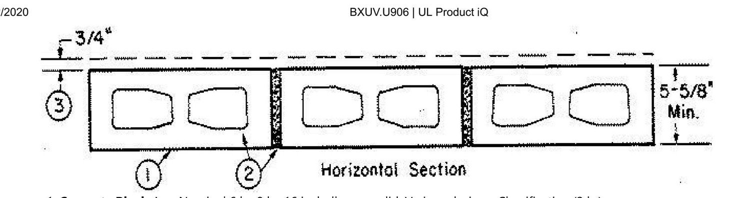

1. **Concrete Blocks* —** Nominal 6 by 8 by 16 in, hollow or solid. Various designs. Classification (2 hr).
See **Concrete Blocks** category for list of eligible manufacturers.

ANCHOR CONCRETE PRODUCTS INC

GAGNE & SON CONCRETE BLOCK INC

GLENWOOD MASONRY PRODUCTS

Allowable compressive stress of 57% of max allowable compressive stress in accordance with the empirical design method.

OLDCASTLE APG SOUTH INC, DBA ADAMS PRODUCTS

WESTBROOK CONCRETE BLOCK CO INC

Allowable compressive stress of 75.6% of max allowable compressive stress in accordance with the empirical design method.

2. **Mortar —** Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

3. **Portland Cement Stucco or Gypsum Plaster —** Add 1/2 hr to Classification if used. Attached to concrete blocks (Item 1).

4. **Foamed Plastic* —** (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).
ATLAS ROOFING CORP — "EnergyShield Pro Wall Insulation", "EnergyShield Pro 2 Wall Insulation", EnergyShield CGF Pro and EnergyShield Ply Pro

CARLISLE COATINGS & WATERPROOFING INC — Type R2+ SHEATHE

DUPONT DE NEMOURS, INC. — Types Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax XARMOR ci Exterior Insulation, Thermax IH Insulation, Thermax Plus Liner Panel, Thermax Heavy Duty Plus (HDP), TUFF-R™ ci Insulation, Thermax Butler Stylwall Insulation Board and Thermax Morton Heavy Duty Insulation Board

FIRESTONE BUILDING PRODUCTS CO L L C — "Enverge™ CI Foil Exterior Wall Insulation" and "Enverge™ CI Glass Exterior Wall Insulation"

HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — Types "Xci-Class A", "Xci 286", "Xci Foil (Class A)"

RMAX, A BUSINESS UNIT OF SIKA CORPORATION — Types "TSX-8500", "ECOMAXci FR", "TSX-8510", "ECOMAX xi FR White", "ECOMAXci", "ECOMAXci FR Air Barrier", "Thermasheath-XP", "Thermasheath", "Durasheath", "Thermasheath-3", "Durasheath-3".

4A. **Building Units —** As an alternate to Item 5, min. 1-in thick polyisocyanurate composite foamed plastic insulation boards, nom. 48 by 48 or 96 in.
RMAX, A BUSINESS UNIT OF SIKA CORPORATION — "Thermasheath-SI", "ECOBASEci", "ThermaBase-CI", "ECOMAXci FR Ply", "ECOMAXci Ply"

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Last Updated on 2020-03-02

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Design No. X528

August 10, 2020

Ratings — 1, 2 and 3 Hr.

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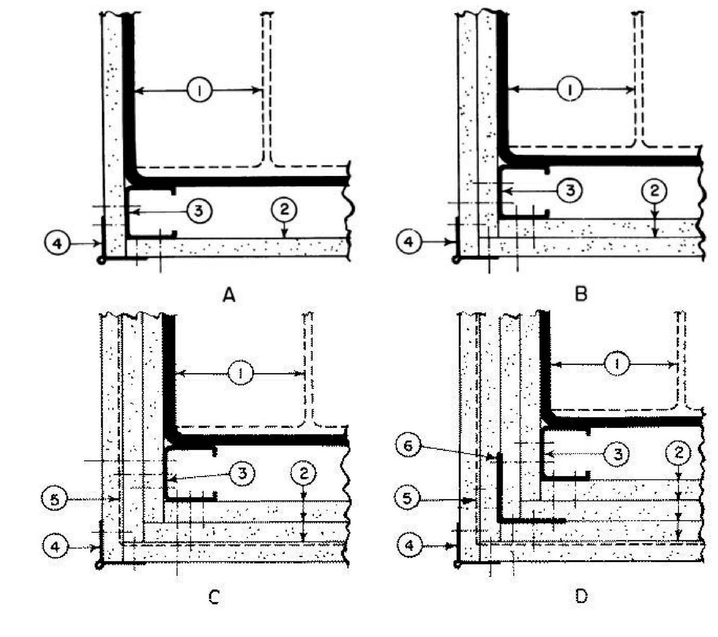

CORNER DETAILS OF WALLBOARD
SUPPORT SYSTEMS WITHOUT STEEL COVERS

1. **Steel Column —** Min sizes of W-shaped and tubular steel columns which appear in the AISC Steel Construction Manual as shown under Item 2.

2. **Gypsum Board* — Any 1/2 in. thick UL Classified Gypsum Board that is eligible for use in Design No. X515. Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305.** Nom 1/2 in. or 5/8 in. thick gypsum board. Applied in layers as noted in the above illustrations. Boards are to be applied vertically without horizontal joints. Min total thickness of layers in inches for the various ratings and min column sizes are as follows:

W Shaped Column Min Column Size	Rating (Hr) 1	2	3	Corner Details For Various Rating 1 Hr	2 Hr	3 Hr
Total thickness (In.)						
W4x13	1	1-1/2	2-1/4	B	C	D
W6x15.5	1	1-1/2	2-1/4	B	C	D
W10x49	1/2	1-1/8	1-7/8	A	B	C
Tube Shaped columns						
TS 4 by 4						
by0.188	1	1-3/4	2-5/8	B	C	D
TS 8 by 8						
by 0.250	5/8	1-1/2	2-1/4	A	C	D

AMERICAN GYPSUM CO (View Classification) — CKNX.R14196

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) — CKNX.R19374

CABOT MANUFACTURING ULC (View Classification) — CKNX.R25370

CERTAINTEED GYPSUM INC (View Classification) — CKNX.R3660

CGC INC (View Classification) — CKNX.R19751

GEORGIA-PACIFIC GYPSUM L L C (View Classification) — CKNX.R2717

LOADMASTER SYSTEMS INC (View Classification) — CKNX.R11809

NATIONAL GYPSUM CO (View Classification) — eXP-C, CKNX.R3501

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM (View Classification) — CKNX.R7094

PANEL REY S A (View Classification) — CKNX.R21796

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) — CKNX.R19262

THAI GYPSUM PRODUCTS PCL (View Classification) — CKNX.R27517

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO (View Classification) — CKNX.R40305

UNITED STATES GYPSUM CO (View Classification) — CKNX.R1319

USG BORAL DRYWALL SFZ LLC (View Classification) — CKNX.R38438

USG MEXICO S A DE C V (View Classification) — CKNX.R16089

2A. **Gypsum Board* —** As an alternate to Item 2- 3/4 in. thick gypsum wallboard. For 2 Hr rating, 1-1/2 in. total thickness, installed in accordance with corner detail B. For 3 Hr rating, 2-1/4 in. total thickness installed in accordance with corner detail C. Boards are to be applied vertically without horizontal joints.
CGC INC — Type IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — Type IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — Type ULTRACODE

USG MEXICO S A DE C V — Type IP-X3 or ULTRACODE

2B. **Gypsum Board* —** (As an alternate to Items 2 and 2A) — Nominal 5/8 in. thick panels. One of the layers of **Gypsum Board** (Item 2) used to obtain the minimum required thickness in Item 2 may be substituted with one layer and secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES

2C. **Wall and Partition Facings and Accessories* —** (As an alternate to Item 2 through 2B) — Composite Gypsum Panel — Nominal 5/8 in. thick panels. One of the layers of **Gypsum Board** (Item 2) used to obtain the minimum required thickness in Item 2 may be substituted with one layer of composite gypsum panel and secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR

3. **Steel Stud —** 1-5/8 in. wide with 1-5/16 and 1-7/16 in. legs having a 1/4- in. folded flange, fabricated from No. 25 MSG galv steel. Length to be 1/2 in. less than the assembly height.

3A. **As an alternate to Item 3 Steel Framing Members* —** galv. steel clips spaced 4 ft OC and 1-1/4 in. from top and bottom of column. A No. 28 MSG galv steel support angle with 1-1/4 in. length shall be placed over clips and secured with screws attaching the wallboard. The angle cut 1 in. less than assembly height splices in angle to occur over clips. The clips for use with wide flange columns only.
JOHN WAGNER ASSOCIATES INC, DBA GRABBER — Types CB, CB1Clips.

4. **Corner Beads —** No. 28 MSG galv steel, 1-1/4 in. legs to be attached to the wallboard with No. 6 by 1 in. screws spaced 12 in. OC max.

5. **Tie Wire —** No. 18 SWG steel wire spaced 24 in. OC used with second layer of wallboard.

6. **Screws —** For attaching first layer of wallboard to steel studs, and third layer of wallboard to 2 in. by 2 in. steel angle (25 Ga) to be No. 6 by 1 in. (or 1-1/4 in. for 3/4 in. thick wallboard) Phillips head self-drilling, self-tapping double lead screws spaced 24 in. OC For attaching second layer of wallboard to steel studs and fourth layer of wallboard to 2 in. by 2 in. steel angle (25 Ga) to be No. 6 by 1-3/4 in. (or 2-1/4 in. for 3/4 in. thick wallboard) steel screws of the same type spaced 12 in. OC For attaching third layer of wallboard to steel studs to be No. 8 by 2-1/4 in. screws of the same type spaced 12 in. OC

7. **Finishing System —** (Not Shown) — Joint compound applied over corner beads to a thickness of 1/16 in.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2020-08-10

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isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
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Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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Key Plan

Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

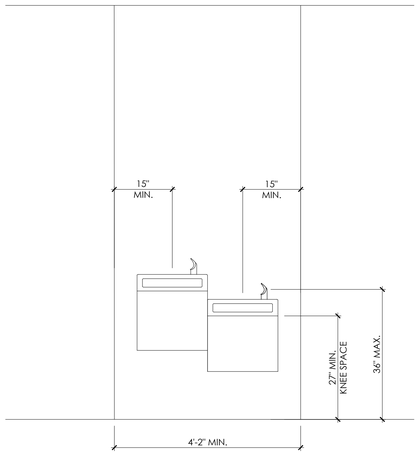
Sheet Title

UL DETAILS

Original drawing is 42 x 30 Do not scale contents of this drawing

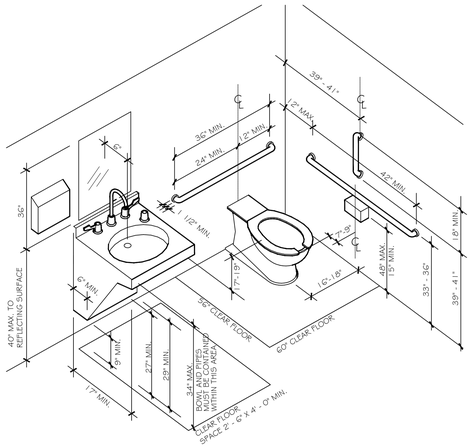
Sheet Number

T-113



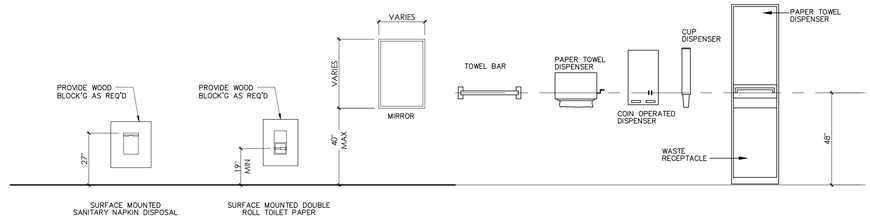
EWC MOUNTING HEIGHTS (TYP) 01

SCALE: N.T.S



ACCESSIBLE SINK & TOILET (TYP) 02

SCALE: 3/8"=1'-0"



4.6.7 (B) MOUNTING HEIGHT FOR TOLIET ACCESSORIES

ACCESSIBLE ACCESSORY MOUNTING HEIGHTS (TYP) 03

SCALE: 3/8"=1'-0"

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ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
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Project

THE HEALING PLACE OF NEW HANOVER COUNTY

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Key Plan

Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

RESTROOM ACCESSIBILITY STANDARDS

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

T-114

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ES ICC EVALUATION SERVICE

ICC-ES Evaluation Report ESR-1748

Reissued October 2019
Revised August 2020
This report is subject to renewal October 2020.

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DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 24 00—Exterior Insulation and Finish Systems
Section: 07 24 19—Water-Drainage Exterior Insulation and Finish System

REPORT HOLDER:

STO CORP.

ADDITIONAL LISTEE:

KAPTURE PREFAB

EVALUATION SUBJECT:

STOTHERM® ci®, STOPANEL™ CLASSIC ci®, STOPANEL™ IMPACT ci®, STOPANEL™ XPS AND STOPANEL™ CLASSIC NEXT ci®

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2018, 2015 and 2012 *International Building Code®* (IBC)
- 2018, 2015 and 2012 *International Residential Code®* (IRC)

For evaluation for compliance with codes adopted by Los Angeles Department of Building and Safety (LADBS), see ESR-1748 LABC and LARC Supplement.

Properties evaluated:

PROPERTY	IBC Chapter	IRC Chapter
Exterior Insulation and finish systems (EIFS)	14	R7
Fire-resistance-rated construction	7	R3
Weather resistance	14	R7
Special inspections, Types I-IV (noncombustible) construction	17	NA
Structural – transverse wind load resistance	16	R8
Types I-IV (noncombustible) construction	26	NA
Surface burning characteristics	26	R3
Ignition resistance	26	NA

2.0 USES

StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems are exterior insulation and finish systems (EIFS) complying with 2018 IBC Section 1407 and 2015 and 2012 IBC Section 1408 and IRC Section R703.9. The systems comply with the requirements of 2018 IBC Section 1407.4.1 and 2015 and 2012 IBC Section 1408.4.1 and IRC Section R703.9 as EIFS with drainage.

StoTherm® ci® StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems may be installed in buildings of any construction type under the IBC (Types I through V) and dwellings under the IRC when installed in accordance with the applicable sections of Section 4.0.

3.0 DESCRIPTION

3.1 System Components:

StoTherm® ci® StoPanel™ Classic ci® Classic, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems consist of a water-resistive barrier, adhesively applied flat insulation board, reinforcing mesh, base coat, and finish coat. See Table 1 for system components.

3.2 Insulation Board:

The insulation boards must be one of the following:

a. Expanded polystyrene (EPS) complying with ASTM C578, Type I, and ASTM E2430, produced by a molder with a current ICC-ES evaluation report.

b. EPS insulation board produced by a molder who participates in an approved third-party quality-assurance program. EPS must comply with ASTM C578, Type I, and ASTM E2430.

c. Sto Insulation Board, EPS complying with ASTM C578, Type I, and ASTM E2430.

d. Owens Corning Foamular® CI-C Extruded Polystyrene Type X (for use with the StoTherm® ci® XPS system as noted in Table 1).

e. Dow Styrofoam Panel Core Type X recognized in ESR-2142 (for use with the StoTherm® ci® XPS system noted in Table 1).

f. BASF Neopor® Rigid Foam Insulation Board (Grade F5300 Plus) (for use with StoTherm® ci® Classic, StoTherm® ci® Premier, StoTherm® ci® Essence, and StoTherm® ci® Lotusan systems as noted in Table 1).

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EPS insulation boards must have a flame spread index of 25 or less and a smoke-developed index of 450 or less when tested in accordance with ASTM E84 or UL 723.

3.3 Substrates:

Substrates must be one of the following:

a. Gypsum sheathing board complying with ASTM C1396 or ASTM C1177. When used as part of a fire-resistance-rated assembly, the gypsum board must be Type X with a minimum thickness of ⅝ inch (15.9 mm).

b. Concrete masonry complying with the code.

c. Concrete complying with the code.

d. Exterior plywood complying with the code.

e. Exterior or Exposure 1 wood structural panels complying with DOC PS-1 or PS-2.

3.4 Sealants:

Sealants must comply with ASTM C920, Type S or M, minimum Grade NS, minimum Class 25 and Use O.

4.0 DESIGN AND INSTALLATION

4.1 General:

4.1.1 StoTherm® ci®: StoTherm® ci® must be installed in accordance with the manufacturer's installation instructions, specifications and details, which are available at www.stocorp.com:

- http://www.stocorp.com/continuous-insulation-systems/
- http://www.stocorp.com/sto_systems/stothermci-xps-lotusan/
- http://www.stocorp.com/sto_systems/stothermci-classic/
- http://www.stocorp.com/sto_systems/stothermci-lotusan/
- http://www.stocorp.com/sto_systems/stothermci-xps-essence/
- http://www.stocorp.com/sto_systems/stothermci-xps-classic/
- http://www.stocorp.com/sto_systems/stothermci-essence/

4.1.2 StoPanel™ Classic ci®: StoPanel™ Classic ci® system is a prefabricated application by Kapture Prefab of the StoTherm® ci® Classic system. Sto materials, as listed in Table 6, must be installed in accordance with the specifications and installation instructions in Section 4.1.1. StoPanel™ Classic ci® system must be fabricated in accordance with project specification and StoPanel™ fabricator shop drawings for each project.

- StoPanel™ Classic ci®
- Specification

4.1.3 StoPanel™ Impact ci®: StoPanel™ Impact ci® system is a prefabricated application by Kapture Prefab of the StoTherm® Impact ci® system. Sto materials, as listed in Table 6, must be installed in accordance with the specifications and installation instructions in Section 4.1.1. StoPanel™ Impact ci® system must be fabricated in accordance with project specification and StoPanel™ fabricator shop drawings for each project.

- StoPanel Impact ci®
- Specification

4.1.4 StoPanel™ XPS: StoPanel™ XPS system is a prefabricated application by Kapture Prefab of the StoTherm® XPS system. Sto materials, as listed in Table 6, must be installed in accordance with the specifications and installation instructions in Section 4.1.1. StoPanel™ XPS system must be fabricated in accordance with project specification and StoPanel™ fabricator shop drawings for each project.

- StoPanel™ XPS
- Specification

4.1.5 StoPanel™ Classic NEXT ci®: StoPanel™ Classic NEXT ci® system is a prefabricated application by Kapture Prefab of the StoTherm® ci® Classic NEXT ci® system which also incorporates the Sto Wedge drainage detail. Sto materials, as listed in Table 6, must be installed in accordance with the specifications and installation instructions in Section 4.1.1. StoPanel™ Classic NEXT ci® system must be fabricated in accordance with project specification and StoPanel™ fabricator shop drawings for each project.

- StoPanel™ Classic NEXT ci®
- Specification

4.2 Drainage:

StoTherm® ci®, StoPanel™ ci® Classic, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® provides drainage through the application of vertical ribbons of adhesive over the water-resistive barrier coating system identified in Table 1.

Additional installation and compliance information for the Sto Gold Coat water-resistive barrier system is provided in ESR-1233 and at www.stocorp.com.

4.3 Wind Design:

Table 3 presents specific StoTherm® ci® assemblies for which test data has been submitted. Other StoTherm® ci® assemblies may be considered for approval by local officials, based on testing and/or calculations provided by a qualified design professional.

4.4 Weather Protection:

StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems comply with 2018 IBC Section 1402.2 and 2015 and 2012 IBC Section 1403.2 and IRC Section R703.1.1.

4.5 Use in Types I through IV (Noncombustible) Construction:

Table 4 describes the assemblies qualified for use in Type I through IV construction (IBC).

4.6 Fire-resistance-rated Construction:

Table 5 describes the assemblies qualified for use in noroad-bearing fire-resistance-rated construction.

In addition, in Type V construction, any StoTherm® ci® system listed in this report may be attached to the surface of combustible exterior fire-resistance-rated assemblies described in IBC Table 721.1(2) without changing the assigned hourly rating of the assembly. The exterior wall must have a minimum 10-foot (3048 mm) separation distance from adjacent construction.

4.7 Special Inspection:

For recognition under the IBC, special Inspections of the water-resistive barrier must be conducted in accordance with 2018 and 2015 IBC Section 1705.16 (2012 IBC Section 1705.15). Refer to STO Corp. third-party inspection guidelines for verifying field preparation of materials.

5.0 CONDITIONS OF USE

The StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® EIFS systems described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

5.1 Installation must comply with this report, the manufacturer's published installation instructions and the applicable code. In the event of a conflict between the manufacturer's instructions and this report, this report governs.

5.2 The insulation board must be separated from the building interior by a thermal barrier complying with the applicable code.

5.3 Installation must be by applicators listed by Sto Corp. StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ XPS StoPanel™ Classic NEXT ci® must be fabricated by Kapture Prefab and installed in accordance with Sto Instructions.

5.4 Termination of the systems must not be less than 6 inches (152 mm) above finished grade in accordance with 2018 and 2015 IBC Section 2603.8 (2012 IBC Section 2603.9) and IRC Section R318.4.

6.0 EVIDENCE SUBMITTED

6.1 Data in accordance with ASTM E2568 and ASTM E2273.

6.2 Data in accordance with the ICC-ES Acceptance Criteria for EIFS Clad Drainage Wall Assemblies (AC235), dated January 2015 (editorially revised April 2018).

6.3 Data in accordance with the ICC-ES Acceptance Criteria for Foam Plastic Insulation (AC12), dated June 2015 (editorially revised October 2017).

6.4 NFPA 285 and NFPA 268 test data, including engineering analysis.

7.0 IDENTIFICATION

7.1 Each container or packages of the coating or reinforcing mesh used as part of the StoTherm® EIFS ci® systems components must be labeled with the manufacturer's name (STO Corp.) and address; the product name; lot or batch number; quantity of material; storage instructions; pot life; expiration date; and the evaluation report number (ESR-1748).

Sto insulation board must be labeled on the edge of each board with the Sto Corporation company name and product name designation.

Other foam plastic insulation must be labeled in accordance with the current ICC-ES evaluation report in which it is recognized, or in accordance with IBC Section 2603.2 or IRC Section R316.2, as applicable.

StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS StoPanel™ Classic NEXT ci® prefabricated panels are produced by Kapture Prefab and shipped with a certificate of compliance that contains the project identification the panels were produced for, dates of panel fabrication and a statement that all components of the panels complies with the applicable requirements of ESR-1748.

7.2 The report holder's contact information is the following:

STO CORP.
3800 CAMP CREEK PARKWAY
BUILDING 1400, SUITE 120
ATLANTA, GEORGIA 30331
(800) 221-2397
www.stocorp.com

7.3 The Additional Listee's contact information is the following:

KAPTURE PREFAB
421 WEST ALAMEDA DRIVE
TEMPE, ARIZONA 85282

TABLE 1—STOTHERM® ci® SYSTEM COMPONENTS[1,2]

SYSTEM	WATER-RESISTIVE BARRIER	ASTM C578 INSULATION BOARD TYPE	ADHESIVES	BASE COATS	FINISH
StoTherm® ci® Classic	80265-81636 Sto Gold Coat 81210 Sto AirSeal 80263 Sto VaporSeal (see ESR-1233)	Type I	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto TurboStick Sto TurboStick Mini	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto RPP	Stolit Stolit Milano[3] Stolit X[3]
StoTherm® ci® Premier	80265-81636 Sto Gold Coat 81210 Sto AirSeal 80263 Sto VaporSeal (see ESR-1233)	Type I	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto TurboStick Mini	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto RPP	StoSilico Lit
StoTherm® ci® Essence	80265-81636 Sto Gold Coat 81210 Sto AirSeal 80263 Sto VaporSeal (see ESR-1233)	Type I	Sto Primer/Adhesive Sto Primer/Adhesive-B Sto TurboStick	Sto Primer/Adhesive Sto Primer/Adhesive-B	Sto DPR Finish Stolit Milano Stolit X
StoTherm® ci® Lotusan	80265-81636 Sto Gold Coat 81210 Sto AirSeal 80263 Sto VaporSeal (see ESR-1233)	Type I	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto TurboStick Sto TurboStick Mini	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto RPP	Stolit Lotusan
StoTherm® ci® XPS	80265-81636 Sto Gold Coat 81210 Sto AirSeal 80263 Sto VaporSeal (see ESR-1233)	Type X	Sto TurboStick Sto TurboStick Mini	Sto BTS Plus Sto BTS Xtra Sto Primer/Adhesive-B	Stolit Stolit Lotusan Stolit Milano Stolit X

[1] All base coats are reinforced with the appropriate Sto Mesh product listed in Table 2.
[2] Sto Primer is an optional component of the systems listed above.
[3] Sto BTS Silo basecoat is not recognized for use with Stolit Milano and Stolit X finish.

TABLE 3—WIND LOAD DESIGN[1]

FRAMING MEMBERS[2]			SHEATHING			WIND LOAD CAPACITY, psf (Pa)		SYSTEM
Wood, min. size (inches)	Metal Min. Depth (inches)	Metal Min. Gage	Maximum Spacing (inches)	Type	Thickness (inch)	Maximum Fastener Spacing[3], (inches)	Neg.	Pos.	
2x4 (nominal)	--	--	16	Wood-based	⅞	8	30	36	Classic Premier
--	3½	18	16	Wood-based	⅞	8	38	60	Essence
--	3½	18	16	Gypsum	½	8	30	35	Classic Premier Essence Lotusan StoPanel™ (See Table 6)
--	3½	18	16	Gypsum	⅝	8	38	60	Essence
--	6	18	16	Gypsum	⅝	6	40	50	Classic Premier Essence Lotusan (with Turbo Stick Adhesive or Sto TurboStick Mini) Lotusan, Premier, or StoPanel™ (See Table 6)
--	6	18	16	Gypsum	⅝	6	63	56	StoTherm® ci® XPS StoPanel™ (See Table 6)
Concrete or masonry substrates							54	54	Classic Premier Lotusan

For SI: 1 inch = 25.4 mm, 1 psf = 0.0479 kPa.
[1] Applicable to all StoTherm® materials listed in Tables 1 and 2.
[2] Deflection limitation L/240, designed in accordance with applicable codes.
[3] Fasteners must be No. 8, flathead, corrosion-resistant screws (minimum 0.292-inch (7.4 mm) head diameter).

TABLE 4—ASSEMBLIES FOR USE IN TYPES I THROUGH IV CONSTRUCTION

FRAMING MEMBERS[4,5]			INTERIOR SHEATHING[1,2] (TYPE X GYPSUM)		EXTERIOR SHEATHING (TYPE X GYPSUM)		MAX. INSULATION BOARD THICKNESS, (inches)	SYSTEM[3]
Metal Min. Depth (inches)	Metal Min. Gage	Max. Spacing (inches)	Min. Thickness (inch)	Max. Fastener Spacing (inches)	Min. Thickness (inch)	Max. Fastener Spacing (inches)		
3½	18	16	½	8 at perimeter 12 in field[6]	½	8 at perimeter 8 in field[6]	12	Essence Lotusan StoPanel™ (See Table 6)
3½	18	16[6]	½	8[6]	⅝	8 at perimeter 8 in field[6]	12	Classic Premier Lotusan StoPanel™ See Table 6
6[6]	20	16	⅝	8[6]	⅝	8[6]	12	StoTherm® ci Essence with Sto TurboStick, Sto TurboStick Mini, Sto Primer/Adhesive-B base coat and Stolit X finish StoPanel™ See Table 6
3½	18	16[6]	⅝	8 at perimeter 12 in field	⅝	8 at perimeter 12 in field	9	Classic with Turbo Stick adhesive and EPS StoPanel™ See Table 6
3½	18	16[6]	⅝	8 at perimeter 12 in field	⅝	8 at perimeter 12 in field	6	StoTherm® ci® XPS with Sto BTS Xtra base coat and Stolit finish StoPanel™ See Table 6

For SI: 1 inch = 25.4 mm.
[1] At board joints backed by framing.
[2] Fasteners are minimum No. 8, Type S, corrosion-resistant screws, with sufficient length to penetrate framing a minimum of ¾ inch (9.5 mm).
[3] Fasteners are minimum No. 8, Type S, corrosion-resistant screws, with length to penetrate framing a minimum of ¾ inch (9.5 mm).
[4] Fasteners are No. 8 by ½-inch-long (12.7 mm), bugle-head drywall screws.
[5] Stud cavities at floor levels are insulated with Owens Corning Thermafiber insulation, 4 lb/ft3 (64 kg/m3) density, 4 inches (102 mm) thick and 2 feet (610 mm) wide.
[6] Stud cavities must be filled with 6-11 fiberglass insulation.
[7] All joints must be taped and treated with joint compound. Intermediate fastener heads are treated with joint compound in accordance with ASTM C840 or GA-216.
[8] Openings must be framed with minimum 0.0428-inch-thick steel framing.
[9] Applicable to StoTherm® ci® and StoPanel™ systems listed in Tables 1, 4 and 6, except for StoTherm® ci® and StoPanel™ systems using Stolit Milano and Stolit X finish, unless noted otherwise.

TABLE 5—FIRE-RESISTANCE-RATED ASSEMBLIES[1,2]

FIRE-RESISTANCE RATING (hrs)	FRAMING MEMBERS			INTERIOR SHEATHING			EXTERIOR SHEATHING			MAXIMUM EPS INSULATION BOARD THICKNESS (inches)
	Min. Depth (inches)	Min. Gage	Max. Spacing (inches)	Type	Min. Thickness (inch)	Max. Fastener Spacing[3] (inches)	Type	Min. Thickness (inch)	Max. Fastener Spacing[3] (inches)	
1	3½	18	16	Type X gypsum[4]	⅝	8 o.c. on perimeter 12 o.c. in field[5]	Type X gypsum	⅝	6 at perimeter 8 in field[5]	4
2	3½	18	16	Two layers of Type X gypsum[4]	⅝	Base layer at 24 o.c. Face layer at 8 o.c.[5]	Two layers of Type X gypsum	⅝	Base layer at 24 o.c. Face layer at 8 o.c.[5]	4

For SI: 1 inch = 25.4 mm.
[1] Applicable to all StoTherm® ci® and StoPanel™ materials listed in Table 1, except to StoTherm® ci® and StoPanel™ systems which use the Stolit Milano, Stolit X and Sto Turbo Stick or Sto TurboStick Mini adhesive.
[2] All board joints must be blocked.
[3] Fasteners are minimum No. 6, 1½-inch-long (32 mm), self-tapping, corrosion-resistant bugle-head screws.
[4] Fasteners for the base layer of gypsum board are No. 6, 1½-inch-long, self-tapping, corrosion-resistant bugle-head screws; fasteners for the face layer are 2-inch-long (51 mm) screws.
[5] Interior wallboard joints must be covered with face and joint compound. Interior fastener heads are covered with joint compound in accordance with ASTM C840 or GA-216.
[6] Fasteners for the base layer of gypsum board are No. 6, 1½-inch-long, self-tapping, corrosion-resistant bugle-head screws. Fasteners for the face layer are 1¾-inch-long, self-tapping, corrosion-resistant bugle-head screws.

TABLE 6—STOPANEL™ COMPONENTS[1,2]

SYSTEM	WATER-RESISTIVE BARRIER	ASTM C578 INSULATION BOARD TYPE	ADHESIVES	BASE COATS	FINISH
StoPanel™ Classic ci®	80265-81636 Sto Gold Coat 81210 Sto AirSeal 80263 Sto VaporSeal (see ESR-1233)	Type I	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto TurboStick Sto TurboStick Mini	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto RPP	Stolit Stolit Milano[3] Stolit X[3]
StoPanel™ Classic NEXT ci®	80265-81636 Sto Gold Coat 81210 Sto AirSeal 80263 Sto VaporSeal (see ESR-1233)	Type I	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto TurboStick Sto TurboStick Mini	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto RPP	Stolit Stolit Milano[3] Stolit X[3]
StoPanel™ Impact ci®	80265-81636 Sto Gold Coat 81210 Sto AirSeal 80263 Sto VaporSeal (see ESR-1233)	Type I	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto TurboStick Sto TurboStick Mini	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto RPP	StoSilico Lit
StoPanel™ XPS	80265-81636 Sto Gold Coat 81210 Sto AirSeal 80263 Sto VaporSeal (see ESR-1233)	Type X	Sto TurboStick Sto TurboStick Mini	Sto BTS Plus Sto BTS Xtra Sto Primer/Adhesive Sto Primer/Adhesive-B	Stolit Stolit Lotusan Stolit Milano Stolit X

[1] All base coats are reinforced with the appropriate Sto Mesh product listed in Table 2.
[2] Sto Primer is an optional component of the systems listed above.
[3] Sto BTS Silo basecoat is not recognized for use with Stolit Milano and Stolit X finish.

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DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 24 00—Exterior Insulation and Finish Systems
Section: 07 24 19—Water-Drainage Exterior Insulation and Finish System

REPORT HOLDER:

STO CORP.

EVALUATION SUBJECT:

STOTHERM® ci®, STOPANEL™ CLASSIC ci®, STOPANEL™ IMPACT ci®, STOPANEL™ XPS AND STOPANEL™ CLASSIC NEXT ci®

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems, described in ICC-ES evaluation report ESR-1748, have also been evaluated for compliance with the codes noted below as adopted by Los Angeles Department of Building and Safety (LADBS).

- 2020 *City of Los Angeles Building Code* (LABC)
- 2020 *City of Los Angeles Residential Code* (LARC)

2.0 CONCLUSIONS

The StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems, described in Sections 2.0 through 7.0 of the ICC-ES evaluation report ESR-1748, comply with LABC Chapters 7, 14 and 26, and LARC Sections R316 and R703, subject to the conditions of use described in this report.

3.0 CONDITIONS OF USE

The StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems described in this evaluation report supplement must comply with all of the following conditions:

- All applicable sections in the ICC-ES evaluation report ESR-1748.
- The design, installation, conditions of use and labeling of the StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems are in accordance with the 2018 *International Building Code®* (2018 IBC) or 2018 *International Residential Code®* (2018 IRC) provisions, as applicable, noted in the ICC-ES evaluation report ESR-1748.
- The design, installation and inspection are in accordance with additional requirements of LABC Chapters 16 and 17, as applicable.
- The systems described in this evaluation report supplement have not been evaluated under LABC Chapter 7A or LARC Section R337 for use in the exterior design and construction of new buildings located in any Fire Hazard Severity Zone within State Responsibility Areas or any Wildland–Urban Interface Area.

This supplement expires concurrently with the evaluation report, reissued October 2019 and revised August 2020.

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REPORT HOLDER:

STO CORP.

EVALUATION SUBJECT:

STOTHERM® ci®, STOPANEL™ CLASSIC ci®, STOPANEL™ IMPACT ci®, STOPANEL™ XPS AND STOPANEL™ CLASSIC NEXT ci®

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems, recognized in ICC-ES evaluation report ESR-1748, have also been evaluated for compliance with the codes noted below.

Applicable code edition(s):

- 2019 *California Building Code®* (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) and Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

- 2019 *California Residential Code®* (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems described in Sections 2.0 through 7.0 of the ICC-ES evaluation report ESR-1748, complies with 2019 CBC Chapter 14, provided the design and installation are in accordance with the 2018 *International Building Code®* (IBC) provisions respectively, noted in the main report and the additional requirements of CBC Chapters 14 and 17.

The StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems have not been evaluated under Chapter 7A for use in the exterior design and construction of new buildings located in any Fire Hazard Severity Zone within State Responsibility Areas or any Wildland–Urban Interface Fire Area.

2.1.1 OSHPD:

The applicable OSHPD Sections of the CBC are beyond the scope of this supplement.

2.1.2 DSA:

The applicable DSA Sections of the CBC are beyond the scope of this supplement.

2.2 CRC:

The StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems, described in Sections 2.0 through 7.0 of the ICC-ES evaluation report ESR-1748, complies with the 2019 CRC Chapter 7, provided the design and installation are in accordance with the 2018 *International Residential Code®* (IRC) provisions respectively, noted in the main report and the applicable provisions of the CRC.

The StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems have not been evaluated under CRC Section R337 for use in the exterior design and construction of new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or any Wildland–Urban Interface Fire Area.

The products recognized in this supplement have not been evaluated for compliance with the *International Wildland–Urban Interface Code®*.

This supplement expires concurrently with the evaluation report, reissued October 2019 and revised August 2020.

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ES ICC EVALUATION SERVICE

ICC-ES Evaluation Report ESR-1748 FBC Supplement

Reissued October 2019
Revised August 2020
This report is subject to renewal October 2020.

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DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 24 00—Exterior Insulation and Finish Systems
Section: 07 24 19—Water-Drainage Exterior Insulation and Finish System

REPORT HOLDER:

STO CORP.

EVALUATION SUBJECT:

STOTHERM® ci®, STOPANEL™ CLASSIC ci®, STOPANEL™ IMPACT ci®, STOPANEL™ XPS AND STOPANEL™ CLASSIC NEXT ci®

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems, recognized in ICC-ES ICC-ES evaluation report ESR-1748, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2020 *Florida Building Code—Building*
- 2020 *Florida Building Code—Residential*

2.0 CONCLUSIONS

The StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems, described in Sections 2.0 through 7.0 of the ICC-ES evaluation report ESR-1748, comply with the *Florida Building Code—Building* and *Florida Building Code—Residential*, provided the design and installation are in accordance with the 2018 *International Building Code®* provisions noted in the ICC-ES report under the following condition:

Installation must meet the requirements of Sections 1403.6 and 2603.8 of the *Florida Building Code—Building* and Sections R318.7 and R318.8 of the *Florida Building Code—Residential*, as applicable.

Use of the StoTherm® ci®, StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems for compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* and the *Florida Building Code—Residential* has not been evaluated and is outside the scope of this evaluation report.

For products falling under Florida Rule 9N-3, verification that the report holder's quality-assurance program is audited by a quality-assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official, when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the evaluation report, reissued October 2019 and revised August 2020.

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Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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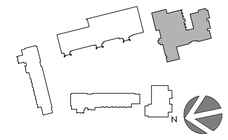
Key Plan



Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

ICC-ES EVALUATION REPORT - EIFS

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Sheet Number

T-115

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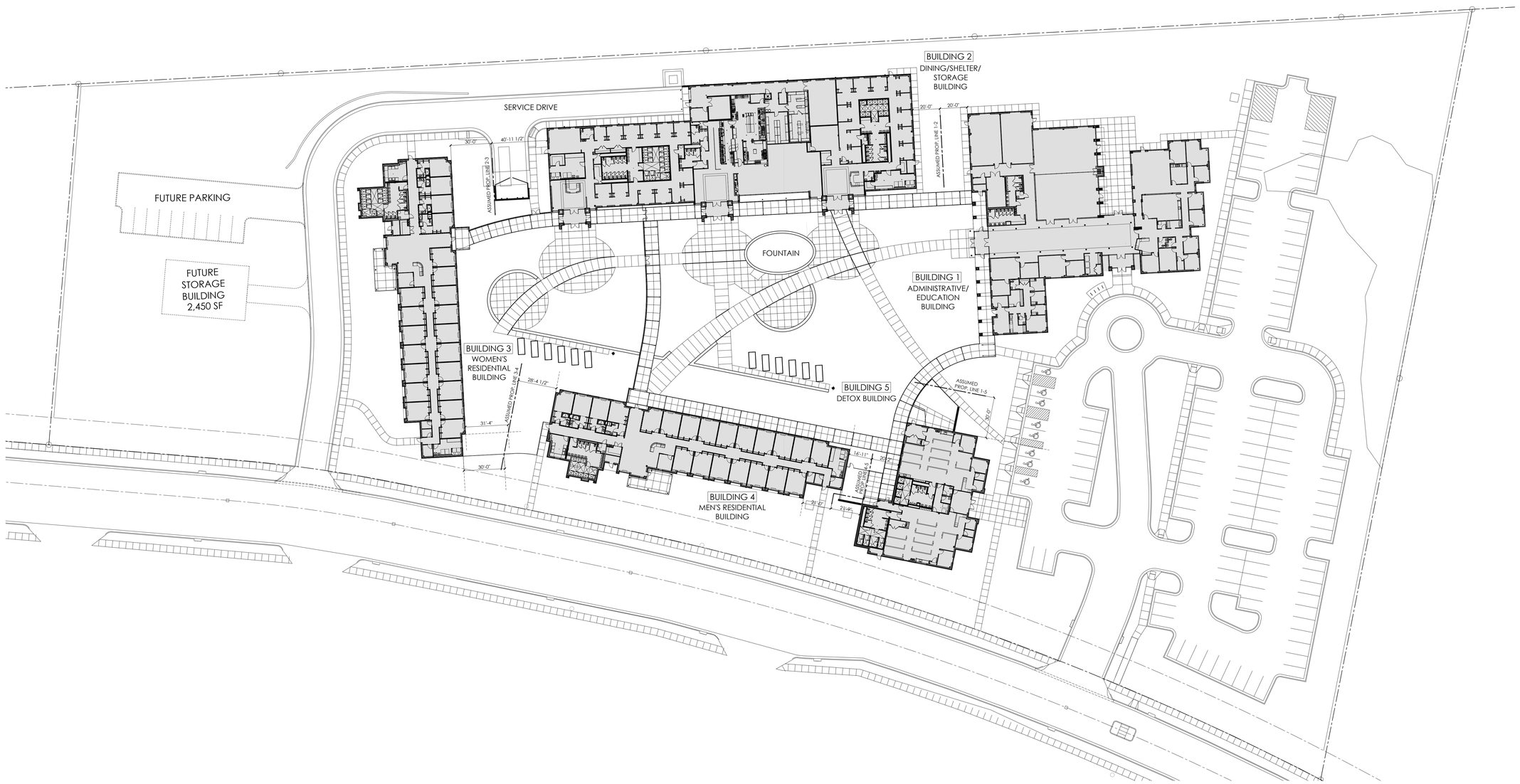

ARCHITECTURAL SITE PLAN 01

SCALE: 1/32" = 1'-0"

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N.C.
RALEIGH, N.C.

51286
REGISTERED
LANDSCAPE
ARCHITECT
N.C.
RALEIGH, N.C.

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

SITE PLAN

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-001

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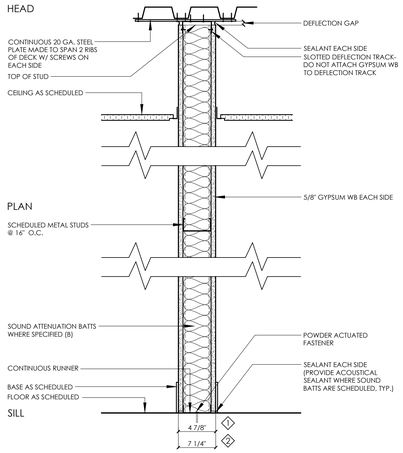
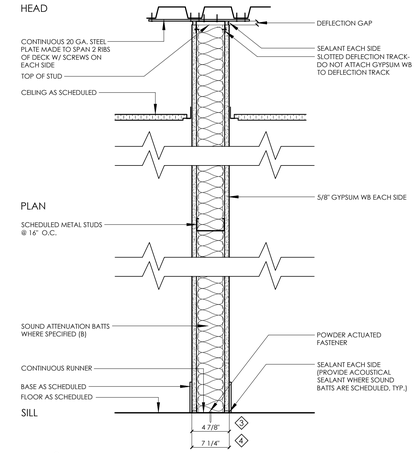


1 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE AND SEAL. (UL DESIGN U425)

2 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U425)

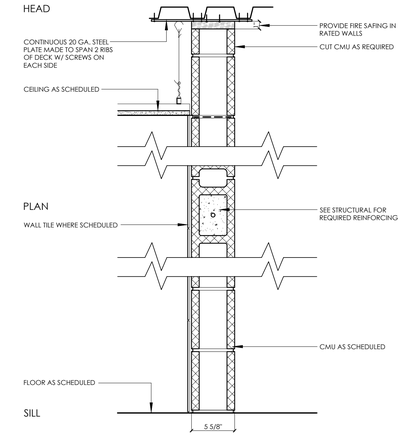
HEAD



3 1 HOUR RATED FIRE PARTITION / SMOKE BARRIER (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)

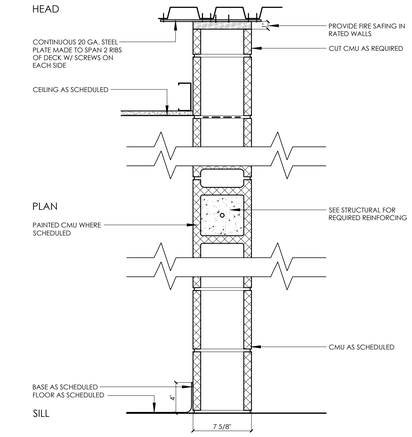
4 1 HOUR RATED FIRE PARTITION / BARRIER (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)

HEAD



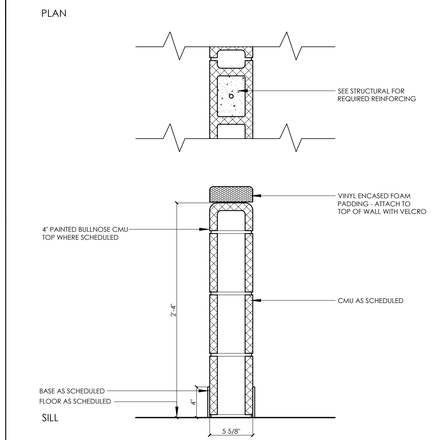
5 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING). PROVIDE 6" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)

HEAD



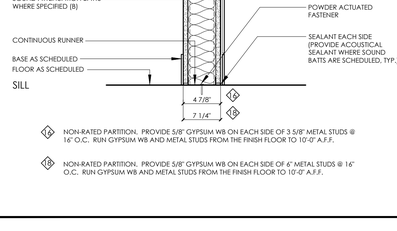
6 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING). PROVIDE 8" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)

PLAN



7 NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 2'-4" A.F.F. PROVIDE 1" RADIUS BULLNOSE TOP UNIT AND 2" VINYL ENCASED FOAM PADDING ON TOP OF PARTITION - SECURE PAD WITH VELCRO STRIP.

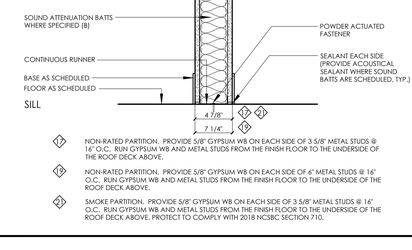
PLAN



8 NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 3'-8" A.F.F. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.

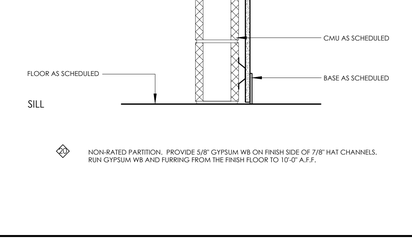
9 NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 5'-0" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.

HEAD



10 NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 9'-4" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.

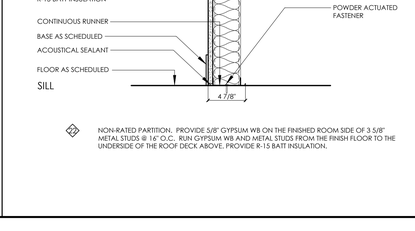
HEAD



11 NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.

12 NON-RATED 8" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.

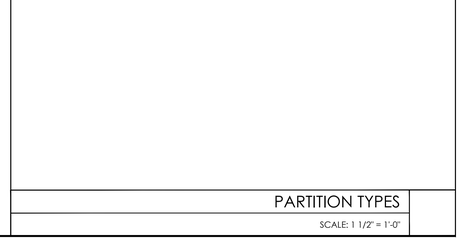
PLAN



13 NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 2'-6" A.F.F.

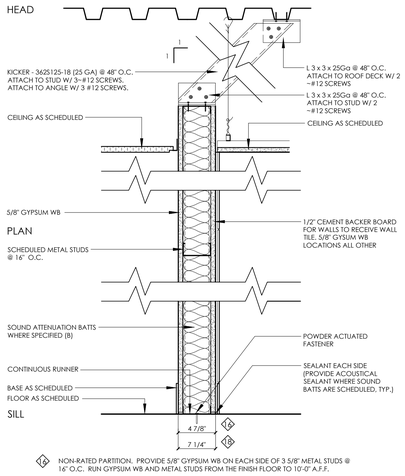
14 NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 3'-0" A.F.F.

HEAD



15 NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 8'-0" A.F.F.

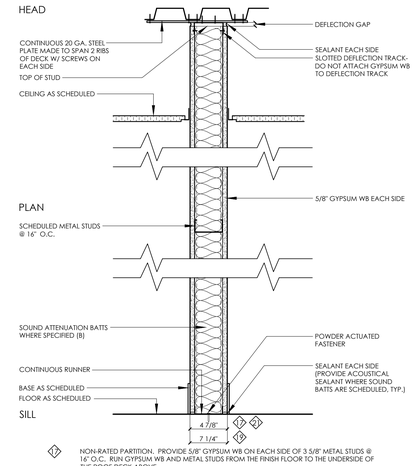
HEAD



16 NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 10'-0" A.F.F.

18 NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 10'-0" A.F.F.

HEAD

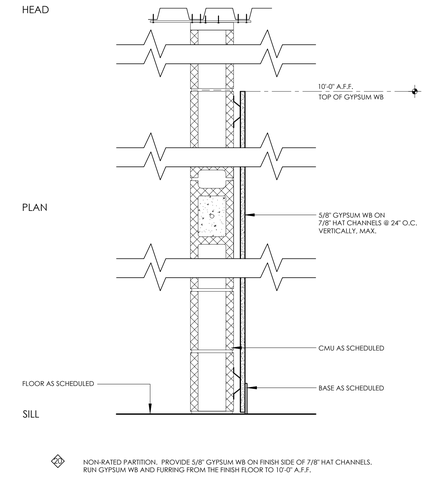


17 NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE.

19 NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE.

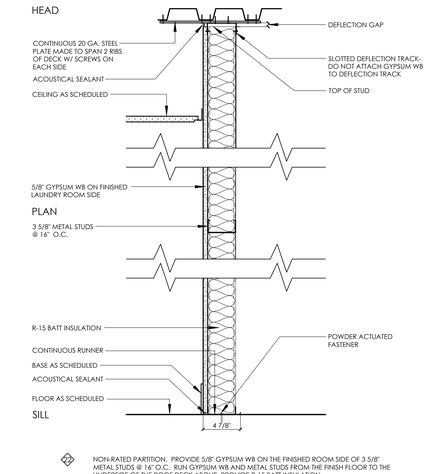
21 SMOKE PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT TO COMPLY WITH 2018 NCSBC SECTION 710.

HEAD



20 NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON FINISH SIDE OF 7/8" HAT CHANNELS. RUN GYPSUM WB AND FURRING FROM THE FINISH FLOOR TO 10'-0" A.F.F.

HEAD



22 NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON THE FINISHED ROOM SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROVIDE R-15 BATT INSULATION.

PARTITION TYPES

SCALE: 1 1/2" = 1'-0"

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WILMINGTON, NORTH CAROLINA

Client

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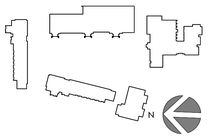
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

PARTITION TYPES

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Sheet Number

A-003

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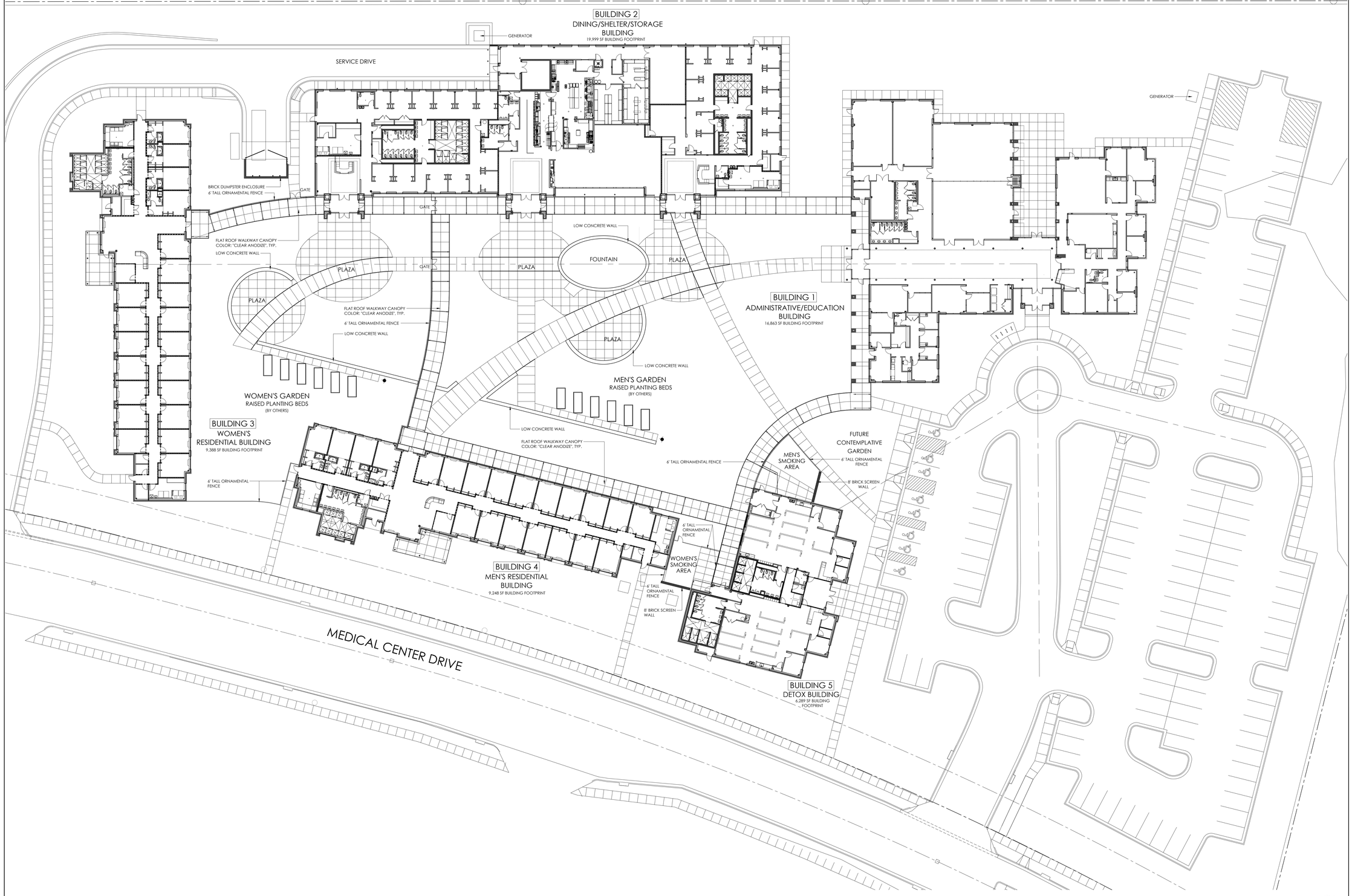

COMPOSITE FLOOR PLAN

SCALE: 3/64" = 1'-0"

1

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No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

COMPOSITE FLOOR PLANS

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-100

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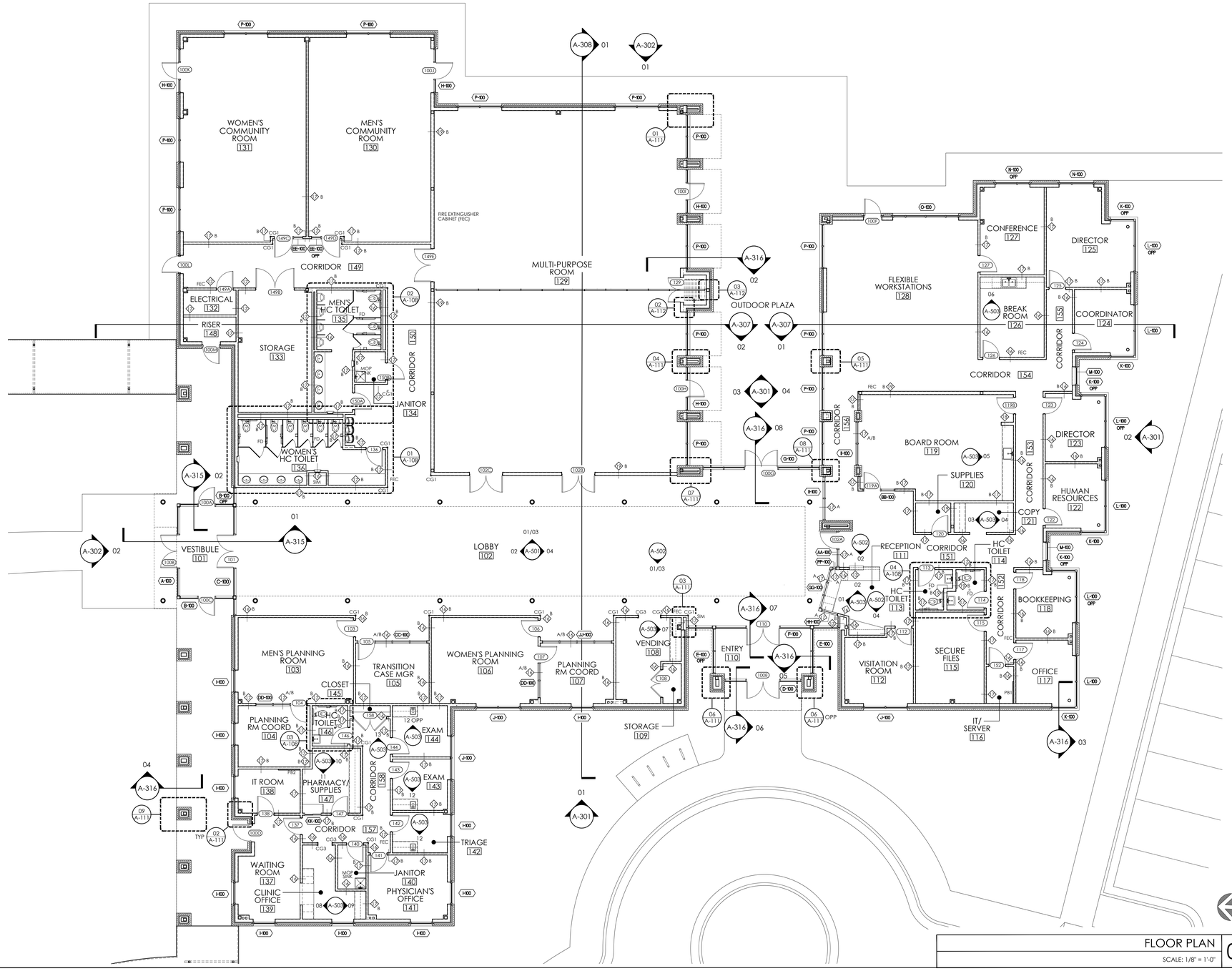
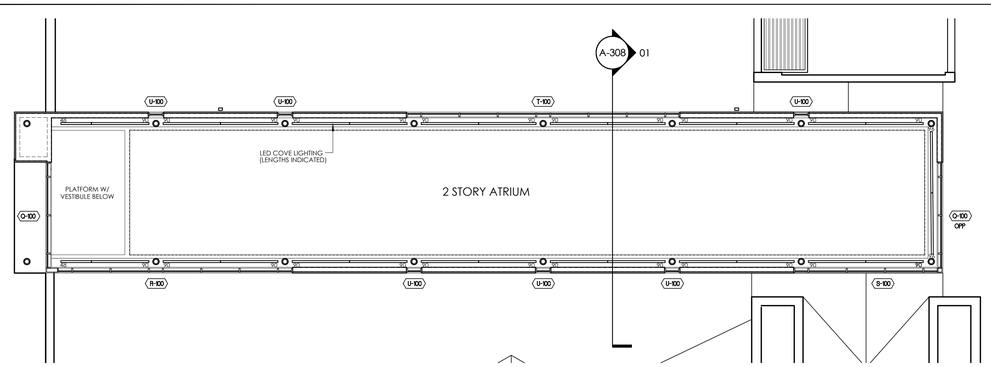


FLOOR PLAN 01

SCALE: 1/8" = 1'-0"



ATRIUM FLOOR PLAN 02

SCALE: 1/8" = 1'-0"

PARTITION TYPES

1. 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE AND SEAL. (UL DESIGN U425)
2. 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U425)
3. 1 HOUR RATED FIRE PARTITION / SMOKE BARRIER (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)
4. 1 HOUR RATED FIRE PARTITION / BARRIER (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)
5. 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING). PROVIDE 6" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)
6. 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING). PROVIDE 8" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)
7. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 2'-4" A.F.F. PROVIDE 1" RADIUS BULLNOSE TOP UNIT AND 2" VINYL ENCASED FOAM PADDING ON TOP OF PARTITION - SECURE PAD WITH VELCRO STRIP.
8. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 3'-8" A.F.F. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.
9. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 5'-0" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.
10. NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 9'-4" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
11. NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
12. NON-RATED 8" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
13. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 2'-6" A.F.F.
14. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 3'-0" A.F.F.
15. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 8'-0" A.F.F.
16. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 10'-0" A.F.F.
17. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE.
18. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 10'-0" A.F.F.
19. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE.
20. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON FINISH SIDE OF 7/8" HAT CHANNELS. RUN GYPSUM WB AND FURRING FROM THE FINISH FLOOR TO 10'-0" A.F.F.
21. SMOKE PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT TO COMPLY WITH 2018 NC38C SECTION 710.
22. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON THE FINISHED ROOM SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROVIDE R-15 BATT INSULATION.

NOTES:

1. PROVIDE MOISTURE RESISTANT GYSUM WB FOR WALLS WITHIN HC TOILET ROOMS.
2. ALL THE GYPSUM WB PARTITIONS IN THE ADMINISTRATIVE BUILDING (EXCLUSIVE OF ROOMS 115-131 & 144-149)ARE TO BE ABUSE RESISTANT GYPSUM WB FROM THE FINISHED FLOOR TO 8'-0" A.F.F. ON 20 GAUGE METAL STUDS MIN.)
3. ALL WALLS TO BE BRACED TO STRUCTURE ABOVE TO RESIST LATERAL LOAD OF SLB MIN. SEE DETAILS ON SHEET A-003.
4. ALL EXPOSED MASONRY WALLS ARE TO HAVE BULLNOSE CAPS AND CORNERS.

WALL SYMBOL LEGEND

INDICATES NEW NON-RATED PARTITION	
1/2 HR RATED FIRE PARTITION	
1 HR RATED FIRE PARTITIONS/ BARRIERS & SMOKE BARRIERS	
SMOKE PARTITION	
INDICATES LOCATIONS WHERE FRP IS INSTALLED ON WALLS IN KITCHEN	
BRICK VENEER	
CMU WALLS	
INDICATES PARTITION TYPES ABOVE OR BELOW WINDOW	A (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SOUND BATTS IN INTERIOR PARTITION	B (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SMOKE BARRIER	SB (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SMOKE PARTITION	SP (DESIGNATION NEXT TO PARTITION TYPE LABEL)
FLUSH MOUNT CORNER GUARD TO 4'-0" A.F.F.	CG1 (SEE 08/A114)
FLUSH MOUNT CORNER GUARD TO 4'-0" A.F.F. (FIRE RATED)	CG2 (SEE 08/A114)
FLUSH MOUNT END WALL GUARD TO 4'-0" A.F.F.	CG3 (SEE 08/A114)
STAINLESS STEEL CORNER GUARD TO 4'-0" A.F.F.	CG4 (SEE 08/A114)
STAINLESS STEEL END WALL GUARD TO 4'-0" A.F.F.	CG5 (SEE 08/A114)
PATHWAY LIGHTING IN LOW MASONRY WALLS	WL
PROVIDE 1/2" 4X4 FRT PLY WOOD, PAINT TO MATCH GYPSUM WB	PB1
PROVIDE 1/2" 4X8(IN.) FRT PLY WOOD, PAINT TO MATCH GYPSUM WB	PB2

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Raleigh, North Carolina 27604
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Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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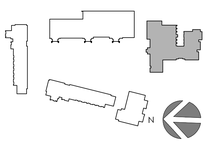
Key Plan



Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FLOOR PLAN

ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 . Do not scale contents of this drawing

Sheet Number

A-101

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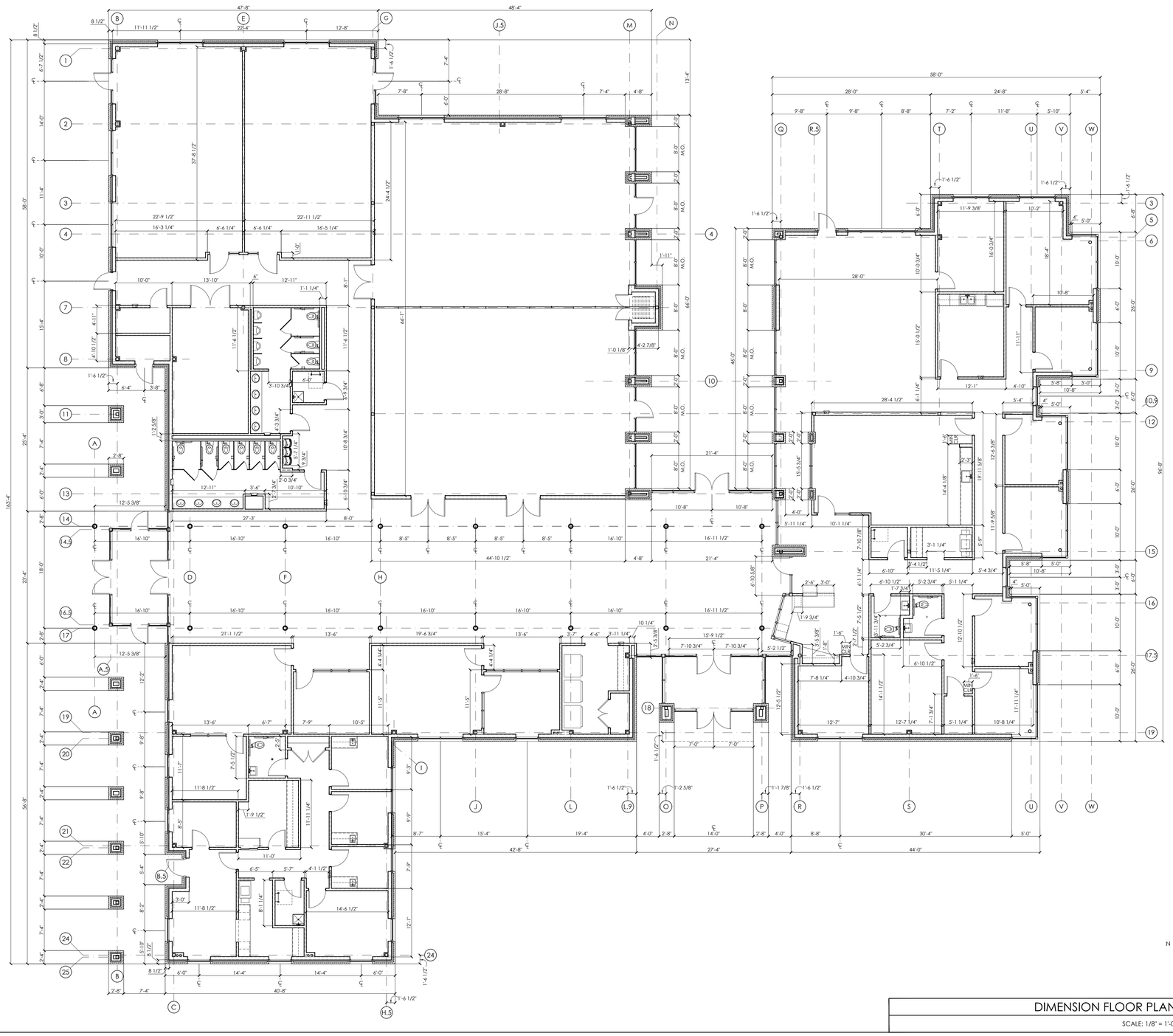
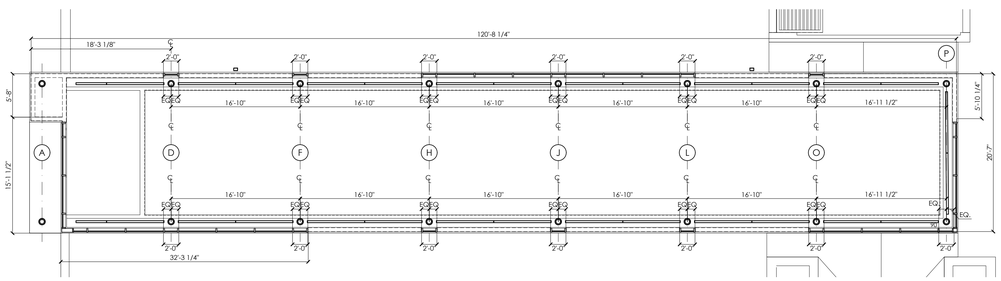


DIMENSION FLOOR PLAN
SCALE: 1/8" = 1'-0"
01



ATRIUM DIMENSION FLOOR PLAN
SCALE: 1/8" = 1'-0"
02

NOTES:

1. ALL DIMENSIONS SHOWN ARE FROM FACE OF STUD OR FACE OF MASONRY UNLESS NOTED OTHERWISE. ALL CMU WALLS ARE NOMINAL DIMENSIONS.
2. SEE ENLARGED PLANS ON SHEETS A-108 FOR ADDITIONAL DIMENSIONS.

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Raleigh, North Carolina 27604
t. 919.833.5400
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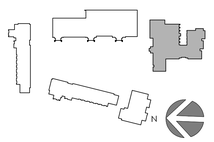

Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

DIMENSION FLOOR PLAN

ADMINISTRATIVE / EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-102

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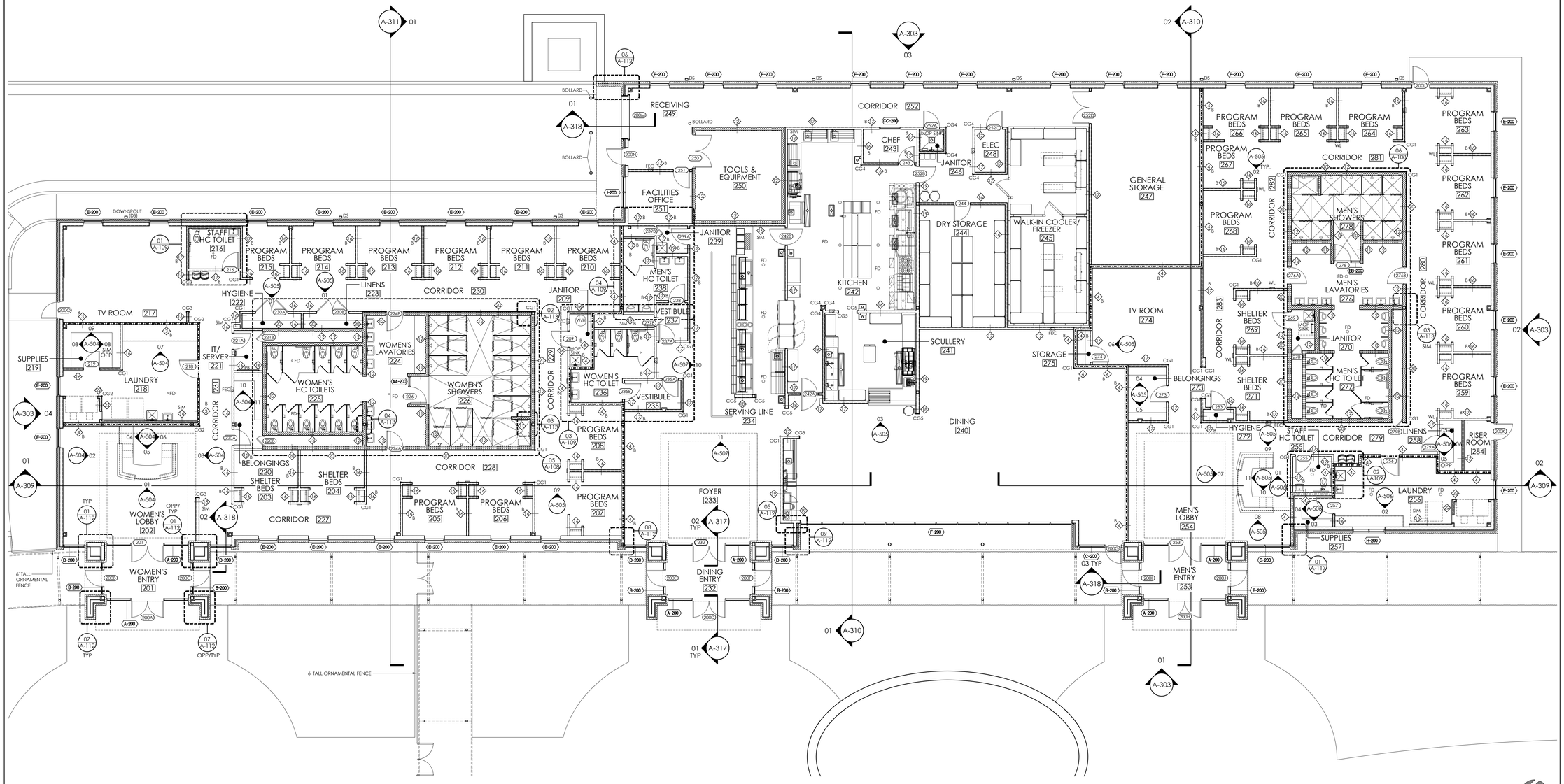

FLOOR PLAN

SCALE: 1/8" = 1'-0"

01

WALL SYMBOL LEGEND

INDICATES NEW NON-RATED PARTITION	
1/2 HR RATED FIRE PARTITION	
1 HR RATED FIRE PARTITIONS/ BARRIERS & SMOKE BARRIERS	
SMOKE PARTITION	
INDICATES LOCATIONS WHERE FRP IS INSTALLED ON WALLS IN KITCHEN	
BRICK VENEER	
CMU WALLS	
INDICATES PARTITION TYPES ABOVE OR BELOW WINDOW	A (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SOUND BATTS IN INTERIOR PARTITION	B (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SMOKE BARRIER	SB (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SMOKE PARTITION	SP (DESIGNATION NEXT TO PARTITION TYPE LABEL)
FLUSH MOUNT CORNER GUARD TO 4'-0" A.F.F.	CG1 (SEE 08/A114)
FLUSH MOUNT CORNER GUARD TO 4'-0" A.F.F. (FIRE RATED)	CG2 (SEE 08/A114)
FLUSH MOUNT END WALL GUARD TO 4'-0" A.F.F.	CG3 (SEE 08/A114)
STAINLESS STEEL CORNER GUARD TO 4'-0" A.F.F.	CG4 (SEE 08/A114)
STAINLESS STEEL END WALL GUARD TO 4'-0" A.F.F.	CG5 (SEE 08/A114)
PATHWAY LIGHTING IN LOW MASONRY WALLS	WL
PROVIDE ½" 4'X4' FIRE-RETARDANT TREATED PLYWOOD, PAINT TO MATCH GYPSUM WB.	PB1

PARTITION TYPES

1. 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE AND SEAL. (UL DESIGN U425)
2. 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U425)
3. 1 HOUR RATED FIRE PARTITION / SMOKE BARRIER (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)
4. 1 HOUR RATED FIRE PARTITION / BARRIER (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)
5. 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING). PROVIDE 6" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)
6. 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING). PROVIDE 8" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)
7. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 2'-4" A.F.F. PROVIDE 1" RADIUS BULLNOSE TOP UNIT AND 2" VINYL ENCASED FOAM PADDING ON TOP OF PARTITION - SECURE PAD WITH VELCRO STRIP.
8. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 3'-8" A.F.F. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.
9. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 5'-0" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.
10. NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 9'-4" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
11. NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
12. NON-RATED 8" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
13. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 2'-6" A.F.F.
14. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 3'-0" A.F.F.
15. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 8'-0" A.F.F.
16. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 10'-0" A.F.F.
17. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE.
18. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE.
19. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 10'-0" A.F.F.
20. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON FINISH SIDE OF 7/8" HAT CHANNELS. RUN GYPSUM WB AND FURRING FROM THE FINISH FLOOR TO 10'-0" A.F.F.
21. SMOKE PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT TO COMPLY WITH 2018 NCSBC SECTION 710.
22. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON THE FINISHED ROOM SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROVIDE R-15 BATT INSULATION.

NOTES:

1. PROVIDE MOISTURE RESISTANT GYSUM WB FOR WALLS WITHIN HC TOILET ROOMS.
2. ALL THE GYPSUM WB PARTITIONS IN THE DINING / SHELTER BUILDING ARE TO BE ABUSE RESISTANT GYPSUM WB FROM THE FINISHED FLOOR TO 8'-0" A.F.F. ON 20 GAUGE METAL STUDS MIN.)
3. ALL WALLS TO BE BRACED TO STRUCTURE ABOVE TO RESIST LATERAL LOAD OF 5LB MIN. SEE DETAILS ON SHEET A-003.
4. ALL EXPOSED MASONRY WALLS ARE TO HAVE BULLNOSE CAPS AND CORNERS.
5. REFER TO WALL FINISH PLANS FOR FINISH MATERIALS AND LOCATIONS.

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Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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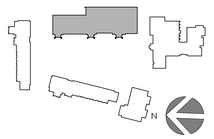
Key Plan



Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FLOOR PLAN

DINING/SHELTER/STORAGE BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-103

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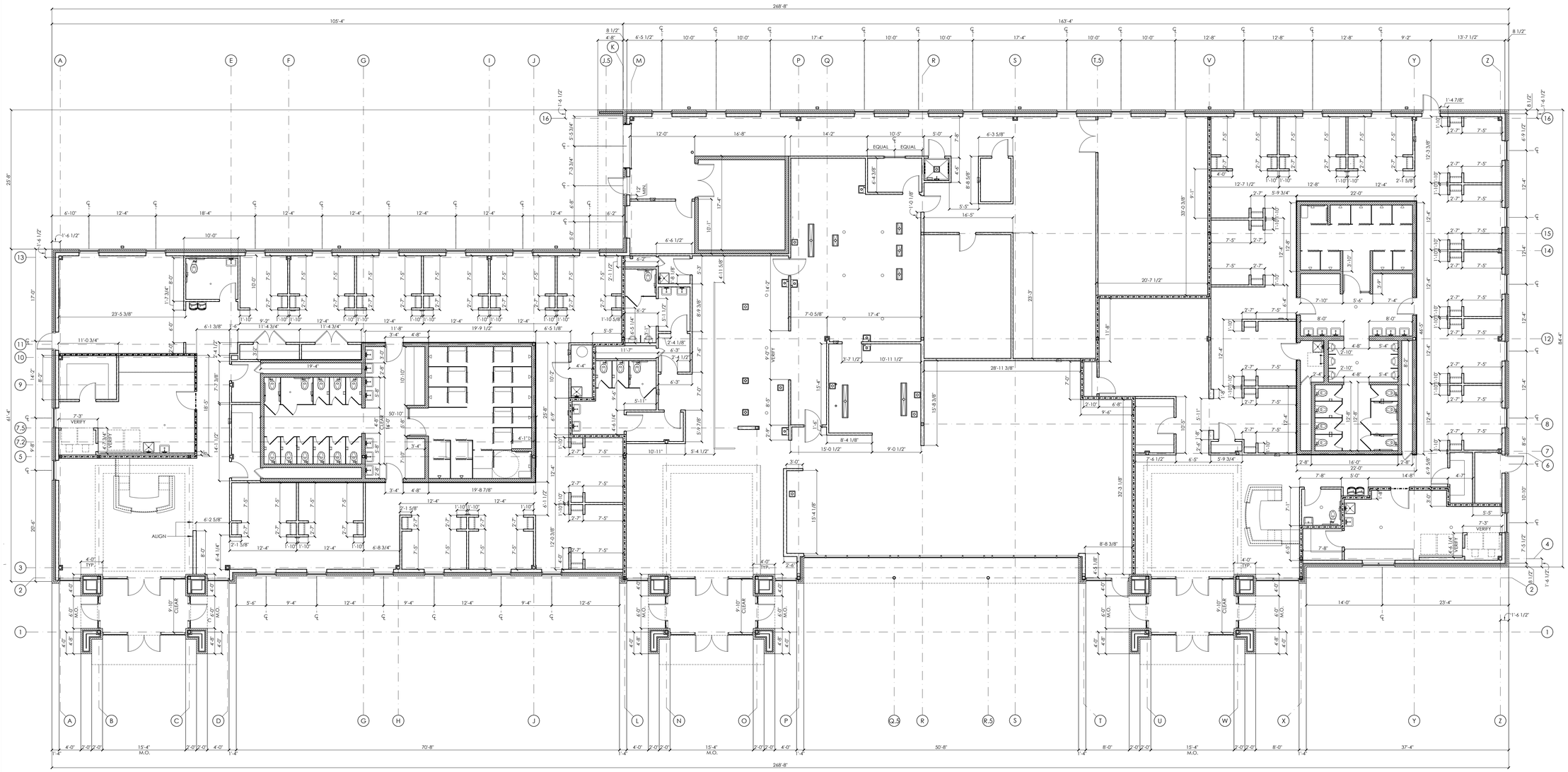

DIMENSION FLOOR PLAN

SCALE: 1/8" = 1'-0"

01

NOTES:

1. ALL DIMENSIONS SHOWN ARE FROM FACE OF STUD OR FACE OF MASONRY UNLESS NOTED OTHERWISE. ALL CMU WALLS ARE NOMINAL DIMENSIONS.
2. SEE ENLARGED PLANS ON SHEETS A-108 AND A-109 FOR ADDITIONAL DIMENSIONS.

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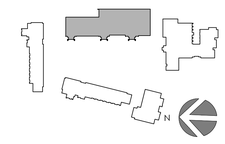
Key Plan



Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT PACKAGE	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

DIMENSION FLOOR PLAN

DINING/SHELTER/STORAGE BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-104

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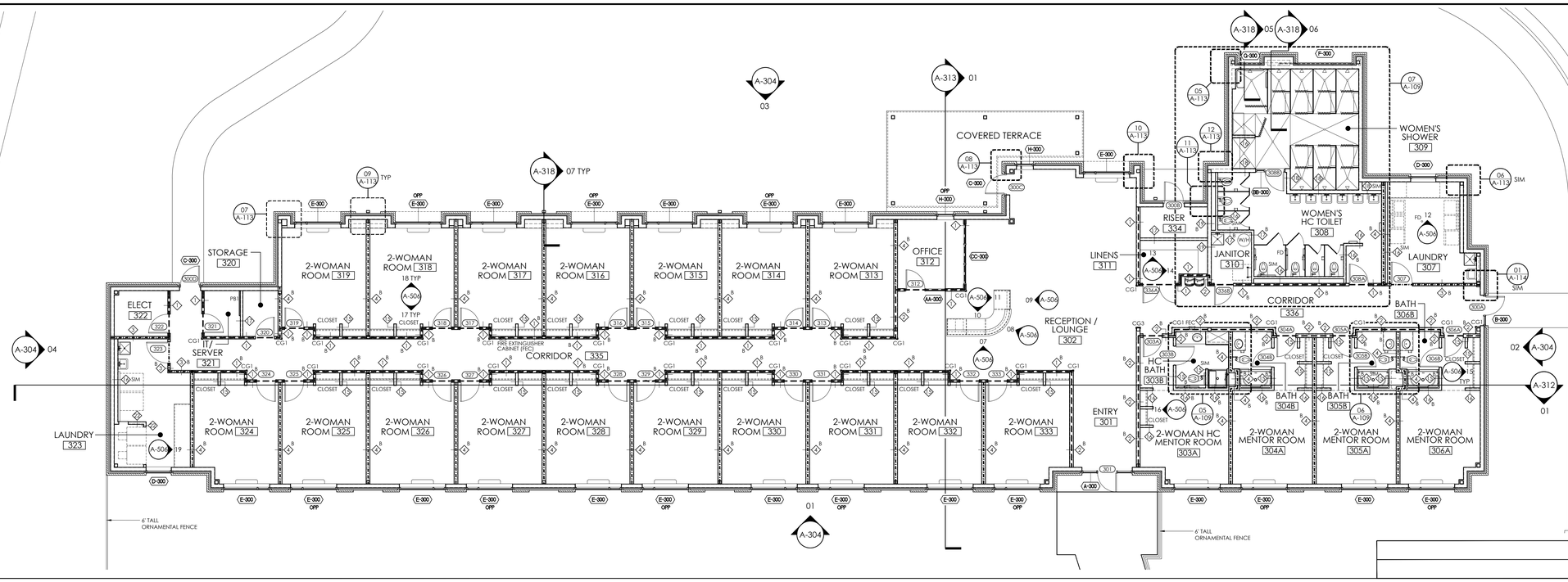
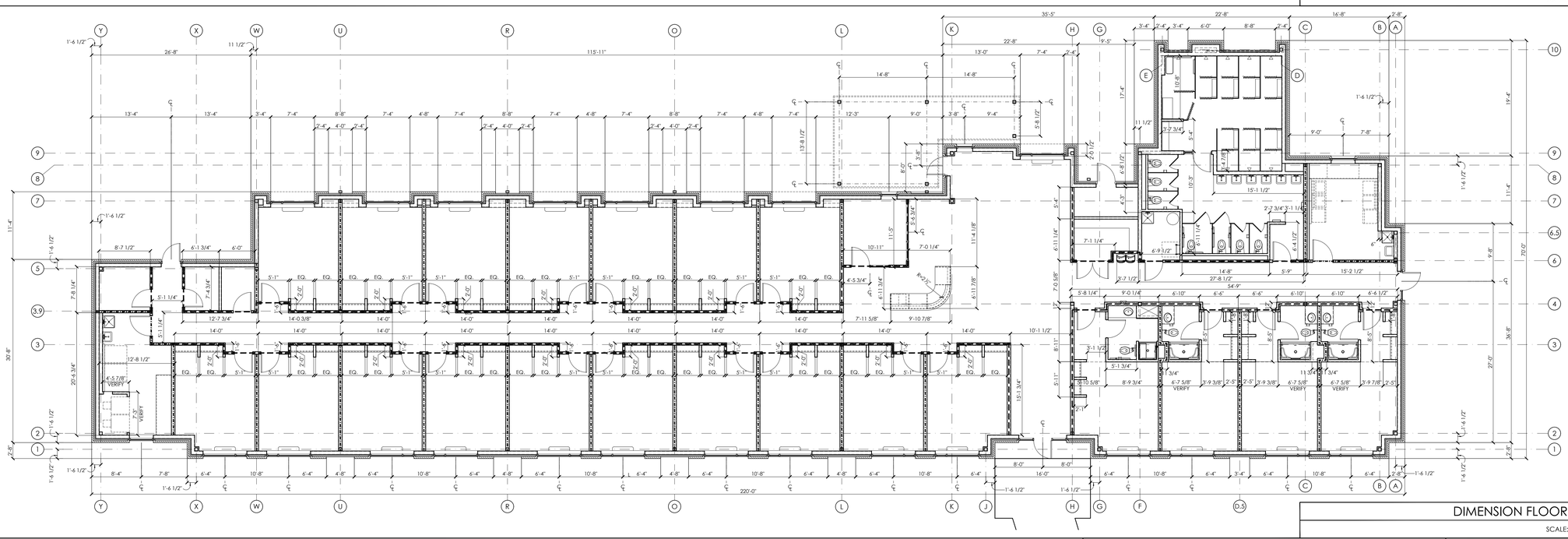


FLOOR PLAN 01

SCALE: 1/8" = 1'-0"



DIMENSION FLOOR PLAN 02

SCALE: 1/8" = 1'-0"

PARTITION TYPES

1. 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE AND SEAL. (UL DESIGN U425)
2. 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U425)
3. 1 HOUR RATED FIRE PARTITION / SMOKE BARRIER (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)
4. 1 HOUR RATED FIRE PARTITION / BARRIER (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)
5. 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING). PROVIDE 6" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)
6. 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING). PROVIDE 8" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)
7. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 2'-4" A.F.F. PROVIDE 1" RADIUS BULLNOSE TOP UNIT AND 2" VINYL ENCASED FOAM PADDING ON TOP OF PARTITION - SECURE PAD WITH VELCRO STRIP.
8. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 3'-8" A.F.F. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.
9. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 5'-0" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.
10. NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 9'-4" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
11. NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
12. NON-RATED 4" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
13. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 2'-6" A.F.F.
14. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 3'-0" A.F.F.
15. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 8'-0" A.F.F.
16. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 10'-0" A.F.F.
17. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE.
18. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 10'-0" A.F.F.
19. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE.
20. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON FINISH SIDE OF 7/8" HAT CHANNELS. RUN GYPSUM WB AND FURRING FROM THE FINISH FLOOR TO 10'-0" A.F.F.
21. SMOKE PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT TO COMPLY WITH 2018 NCSBC SECTION 710.
22. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON THE FINISHED ROOM SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROVIDE R-15 BATT INSULATION.

NOTES:

1. PROVIDE MOISTURE RESISTANT GYSUM WB FOR WALLS WITHIN HC TOILET ROOMS.
2. ALL THE GYPSUM WB PARTITIONS IN THE WOMEN'S RESIDENTIAL BUILDING ARE TO BE ABUSE RESISTANT GYPSUM WB FROM THE FINISHED FLOOR TO 8'-0" A.F.F. ON 20 GAUGE METAL STUDS MIN.)
3. ALL WALLS TO BE BRACED TO STRUCTURE ABOVE TO RESIST LATERAL LOAD OF 5LB MIN. SEE DETAILS ON SHEET A-003.
4. ALL EXPOSED MASONRY WALLS ARE TO HAVE BULLNOSE CAPS AND CORNERS.
5. REFER TO WALL FINISH PLANS FOR FINISH MATERIAL LOCATIONS.
6. ALL DIMENSIONS SHOWN ARE FROM FACE OF STUD OR FACE OF MASONRY UNLESS NOTED OTHERWISE.
7. SEE ENLARGED PLANS ON SHEET A-109 FOR ADDITIONAL DIMENSIONS.

WALL SYMBOL LEGEND

INDICATES NEW NON-RATED PARTITION		PROVIDE ½" 4'X4' FIRE-RETARDANT TREATED PLYWOOD. PAINT TO MATCH GYPSUM WB. — PB1
1/2 HR RATED FIRE PARTITION		
1 HR RATED FIRE PARTITIONS/ BARRIERS & SMOKE BARRIERS		
SMOKE PARTITION		
INDICATES LOCATIONS WHERE FRP IS INSTALLED ON WALLS IN KITCHEN		
BRICK VENEER		
CMU WALLS		
INDICATES PARTITION TYPES ABOVE OR BELOW WINDOW		A (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SOUND BATTS IN INTERIOR PARTITION		B (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SMOKE BARRIER		SB (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SMOKE PARTITION		SP (DESIGNATION NEXT TO PARTITION TYPE LABEL)
FLUSH MOUNT CORNER GUARD TO 4'-0" A.F.F.	⌞ CG1 (SEE 08/A114)	
FLUSH MOUNT CORNER GUARD TO 4'-0" A.F.F. (FIRE RATED)	⌞ CG2 (SEE 08/A114)	
FLUSH MOUNT END WALL GUARD TO 4'-0" A.F.F.	⌞ CG3 (SEE 08/A114)	
STAINLESS STEEL CORNER GUARD TO 4'-0" A.F.F.	⌞ CG4 (SEE 08/A114)	
STAINLESS STEEL END WALL GUARD TO 4'-0" A.F.F.	⌞ CG5 (SEE 08/A114)	
PATHWAY LIGHTING IN LOW MASONRY WALLS	— WL	

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ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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Key Plan

Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FLOOR PLAN

RESIDENTIAL WOMEN'S FACILITY BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-105

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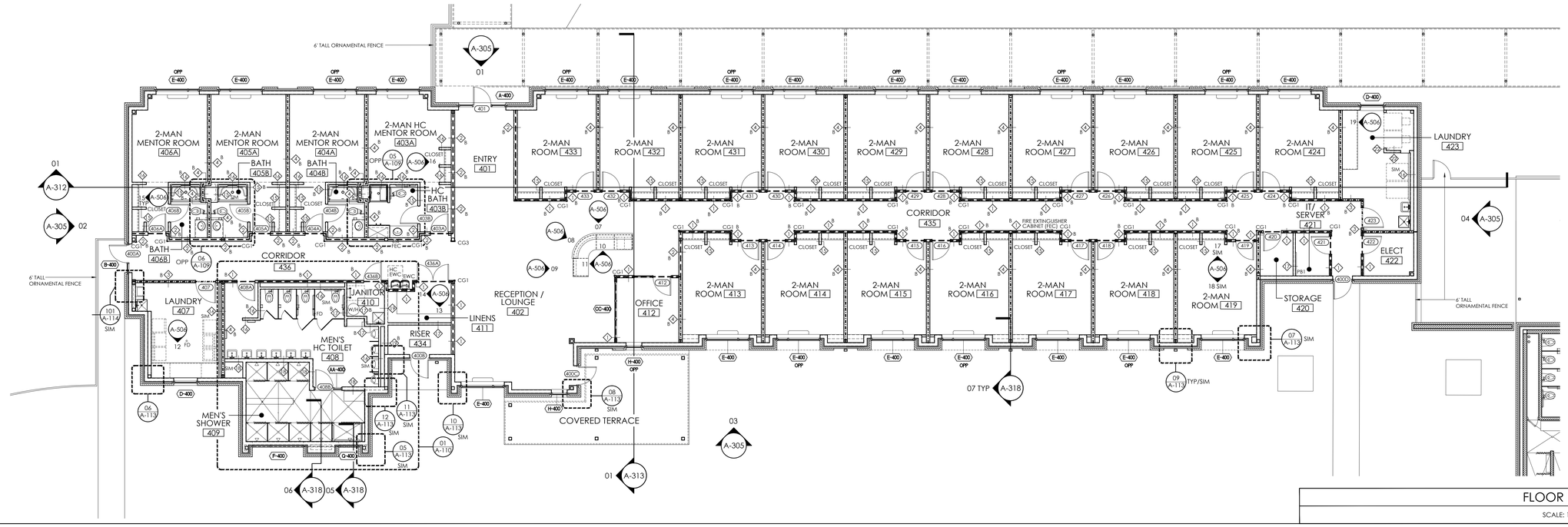
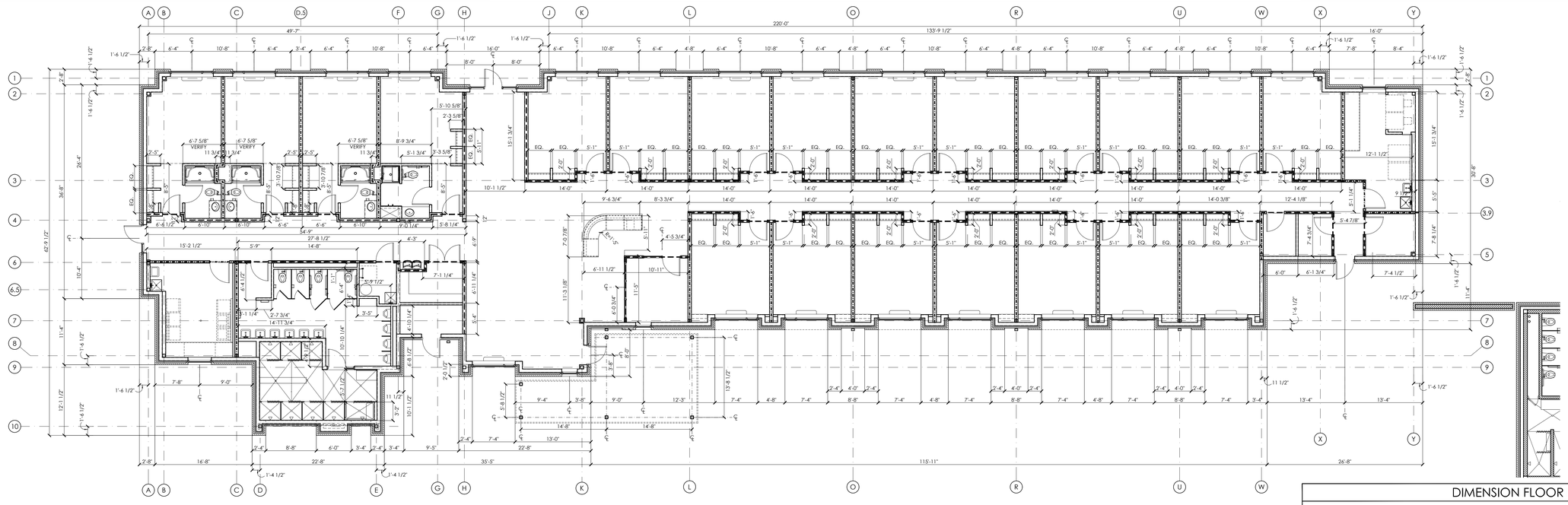


FLOOR PLAN 01
SCALE: 1/8" = 1'-0"



DIMENSION FLOOR PLAN 02
SCALE: 1/8" = 1'-0"

PARTITION TYPES

1. 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE AND SEAL. (UL DESIGN U425)
2. 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U425)
3. 1 HOUR RATED FIRE PARTITION / SMOKE BARRIER (NON-BEARING), PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)
4. 1 HOUR RATED FIRE PARTITION / BARRIER (NON-BEARING), PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)
5. 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING), PROVIDE 6" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)
6. 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING), PROVIDE 8" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)
7. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 2'-4" A.F.F. PROVIDE 1" RADIUS BULLNOSE TOP UNIT AND 2" VINYL ENCASED FOAM PADDING ON TOP OF PARTITION - SECURE PAD WITH VELCRO STRIP.
8. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 3'-8" A.F.F. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.
9. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 5'-0" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.
10. NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 9'-4" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
11. NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
12. NON-RATED 8" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
13. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 2'-6" A.F.F.
14. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 3'-0" A.F.F.
15. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 8'-0" A.F.F.
16. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 10'-0" A.F.F.
17. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE.
18. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 10'-0" A.F.F.
19. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE.
20. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON FINISH SIDE OF 7/8" HAT CHANNELS. RUN GYPSUM WB AND FURRING FROM THE FINISH FLOOR TO 10'-0" A.F.F.
21. SMOKE PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT TO COMPLY WITH 2018 NCSBC SECTION 710.
22. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON THE FINISHED ROOM SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROVIDE R-15 BATT INSULATION.

NOTES:
1. PROVIDE MOISTURE RESISTANT GYSUM WB FOR WALLS WITHIN HC TOILET ROOMS.
2. ALL THE GYPSUM WB PARTITIONS IN THE MEN'S RESIDENTIAL BUILDING ARE TO BE ABUSE RESISTANT GYPSUM WB FROM THE FINISHED FLOOR TO 8'-0" A.F.F. ON 20 GAUGE METAL STUDS MIN.)
3. ALL WALLS TO BE BRACED TO STRUCTURE ABOVE TO RESIST LATERAL LOAD OF SLB MIN. SEE DETAILS ON SHEET A-003.
4. ALL EXPOSED MASONRY WALLS ARE TO HAVE BULLNOSE CAPS AND CORNERS.
5. REFER TO WALL FINISH PLANS FOR FINISH MATERIAL LOCATIONS.
6. ALL DIMENSIONS SHOWN ARE FROM FACE OF STUD OR FACE OF MASONRY UNLESS NOTED OTHERWISE.
7. SEE ENLARGED PLANS ON SHEET A-110 FOR ADDITIONAL DIMENSIONS.

WALL SYMBOL LEGEND

INDICATES NEW NON-RATED PARTITION		PROVIDE 3/4" 4'X4' FIRE-RETARDANT TREATED PLYWOOD, PAINT TO MATCH GYPSUM WB.	PB1
1/2 HR RATED FIRE PARTITION			
1 HR RATED FIRE PARTITIONS/ BARRIERS & SMOKE BARRIERS			
SMOKE PARTITION			
INDICATES LOCATIONS WHERE FRP IS INSTALLED ON WALLS IN KITCHEN			
BRICK VENEER			
CMU WALLS			
INDICATES PARTITION TYPES ABOVE OR BELOW WINDOW		A (DESIGNATION NEXT TO PARTITION TYPE LABEL)	
INDICATES SOUND BATTS IN INTERIOR PARTITION		B (DESIGNATION NEXT TO PARTITION TYPE LABEL)	
INDICATES SMOKE BARRIER		SB (DESIGNATION NEXT TO PARTITION TYPE LABEL)	
INDICATES SMOKE PARTITION		SP (DESIGNATION NEXT TO PARTITION TYPE LABEL)	
FLUSH MOUNT CORNER GUARD TO 4'-0" A.F.F.		CG1 (SEE 08/A114)	
FLUSH MOUNT CORNER GUARD TO 4'-0" A.F.F. (FIRE RATED)		CG2 (SEE 08/A114)	
FLUSH MOUNT END WALL GUARD TO 4'-0" A.F.F.		CG3 (SEE 08/A114)	
STAINLESS STEEL CORNER GUARD TO 4'-0" A.F.F.		CG4 (SEE 08/A114)	
STAINLESS STEEL END WALL GUARD TO 4'-0" A.F.F.		CG5 (SEE 08/A114)	
PATHWAY LIGHTING IN LOW MASONRY WALLS		WL	

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ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project
THE HEALING PLACE OF NEW HANOVER COUNTY

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WILMINGTON, NORTH CAROLINA

Client
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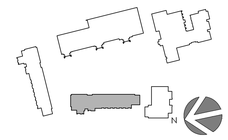
Key Plan



Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/06/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMNG

Sheet Title
FLOOR PLAN

RESIDENTIAL MEN'S FACILITY BUILDING
Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number
A-106

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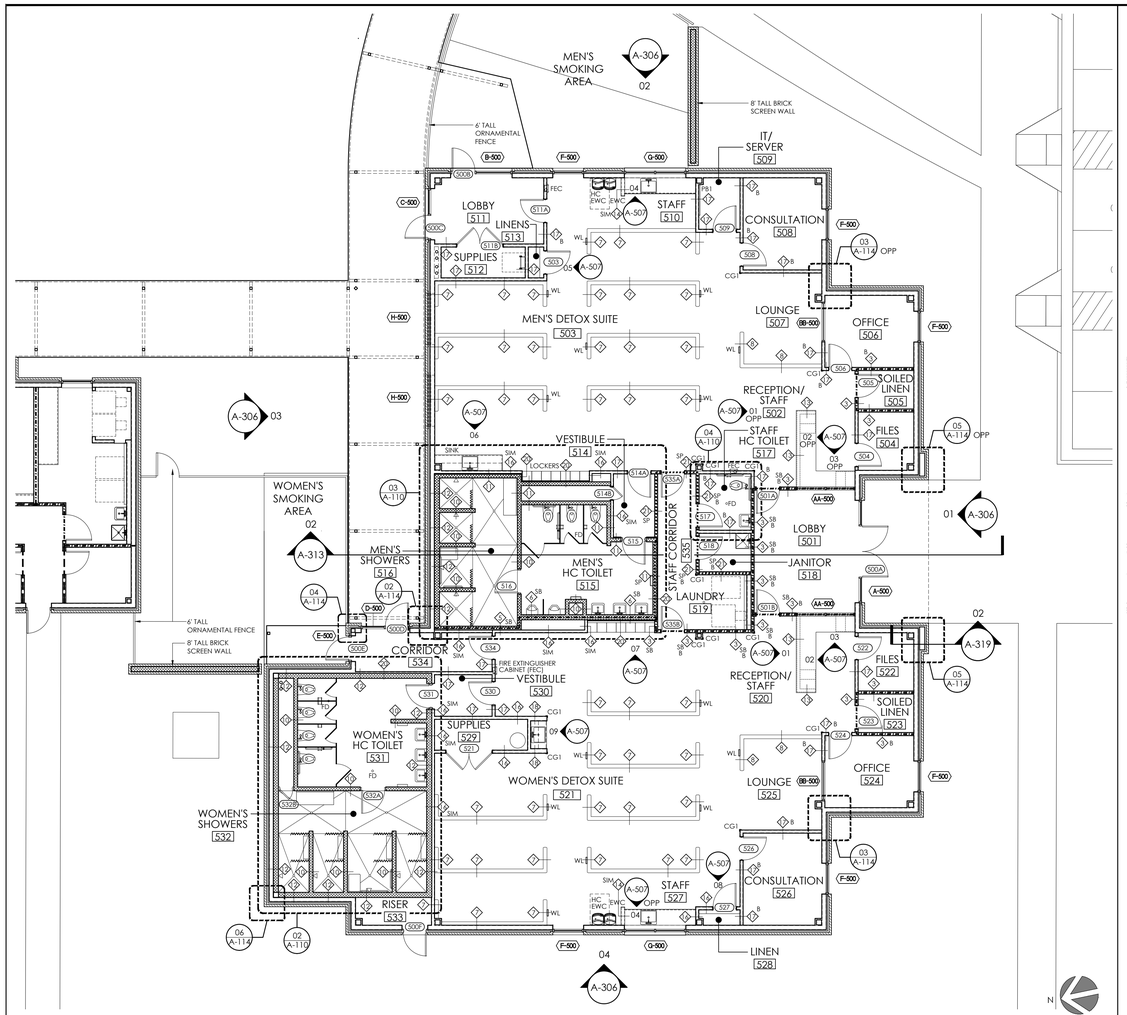
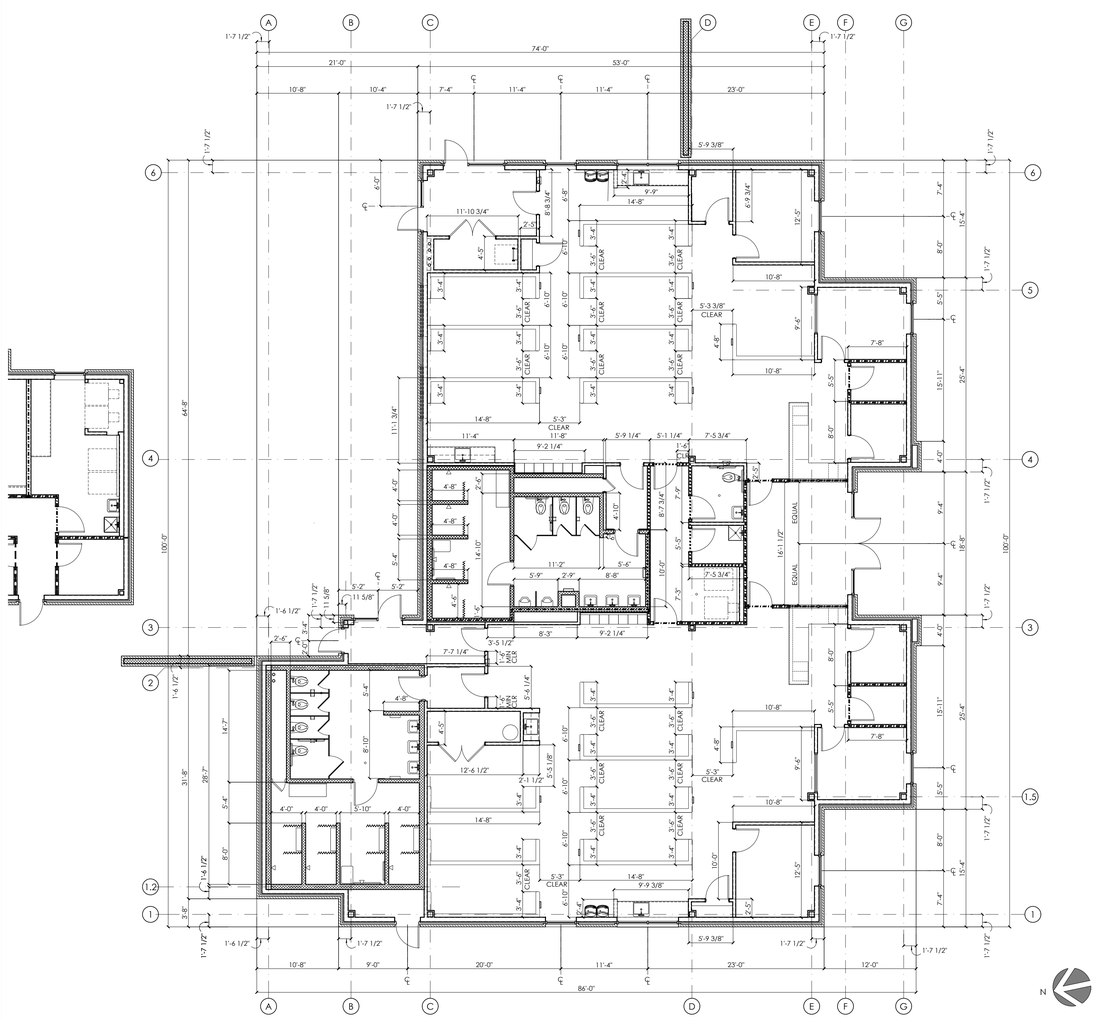


FLOOR PLAN

SCALE: 1/8" = 1'-0" 01



DIMENSION FLOOR PLAN

SCALE: 1/8" = 1'-0" 02

PARTITION TYPES

1. 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE AND SEAL. (UL DESIGN U425)
2. 1/2 HOUR RATED FIRE PARTITION (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" (20 GAUGE) METAL STUDS @ 16" O.C. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U425)
3. 1 HOUR RATED FIRE PARTITION / SMOKE BARRIER (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)
4. 1 HOUR RATED FIRE PARTITION / BARRIER (NON-BEARING). PROVIDE (1) ONE LAYER 5/8" GYPSUM WB ON EACH SIDE OF 6" METAL STUDS @ 16" O.C. RUN THE WALL ASSEMBLY FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SEAL. (UL DESIGN U419)
5. 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING). PROVIDE 6" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)
6. 1 HOUR RATED SMOKE/FIRE BARRIER (NON-BEARING). PROVIDE 8" CMU WALL. RUN THE WALL SYSTEM FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. FILL VOIDS AT THE TOP OF THE WALL WITH FIRE-SAFING AND APPROVED FIRE SEALANT AS REQUIRED. (UL DESIGN U906)
7. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 2'-4" A.F.F. PROVIDE 1" RADIUS BULLNOSE TOP UNIT AND 2" VINYL ENCASED FOAM PADDING ON TOP OF PARTITION - SECURE PAD WITH VELCRO STRIP.
8. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 3'-8" A.F.F. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.
9. NON-RATED 6" CMU LOW PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 5'-0" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY. PROVIDE 1" RADIUS DOUBLE BULLNOSE TOP UNIT.
10. NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO 9'-4" A.F.F. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
11. NON-RATED 6" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
12. NON-RATED 8" CMU PARTITION. RUN MASONRY WALL FROM THE FINISH FLOOR TO THE UNDERSIDE OF ROOF DECK ABOVE. INSTALL GALVANIZED HORIZONTAL LADDER REINFORCING AT 24" O.C. VERTICALLY.
13. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 2'-6" A.F.F.
14. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE COUNTER W/ TOP AT 3'-0" A.F.F.
15. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 8'-0" A.F.F.
16. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO 10'-0" A.F.F.
17. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE.
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21. SMOKE PARTITION. PROVIDE 5/8" GYPSUM WB ON EACH SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROTECT TO COMPLY WITH 2018 NCSBC SECTION 710.
22. NON-RATED PARTITION. PROVIDE 5/8" GYPSUM WB ON THE FINISHED ROOM SIDE OF 3 5/8" METAL STUDS @ 16" O.C. RUN GYPSUM WB AND METAL STUDS FROM THE FINISH FLOOR TO THE UNDERSIDE OF THE ROOF DECK ABOVE. PROVIDE R-15 BATT INSULATION.

NOTES:

1. PROVIDE MOISTURE RESISTANT GYSUM WB FOR WALLS WITHIN HC TOILET ROOMS.
2. ALL THE GYPSUM WB PARTITIONS IN THE DETOX BUILDING ARE TO BE ABUSE RESISTANT GYPSUM WB FROM THE FINISHED FLOOR TO 8'-0" A.F.F. ON 20 GAUGE METAL STUDS MIN.)
3. ALL WALLS TO BE BRACED TO STRUCTURE ABOVE TO RESIST LATERAL LOAD OF SLB MIN. SEE DETAILS ON SHEET A-003.
4. ALL EXPOSED MASONRY WALLS ARE TO HAVE BULLNOSE CAPS AND CORNERS.
5. REFER TO WALL FINISH PLANS FOR FINISH MATERIAL LOCATIONS.
6. ALL DIMENSIONS SHOWN ARE FROM FACE OF STUD OR FACE OF MASONRY UNLESS NOTED OTHERWISE. ALL CMU WALLS ARE NOMINAL DIMENSIONS.
7. SEE ENLARGED PLANS ON SHEET A-110 FOR ADDITIONAL DIMENSIONS.

WALL SYMBOL LEGEND

INDICATES NEW NON-RATED PARTITION	
1/2 HR RATED FIRE PARTITION	
1 HR RATED FIRE PARTITIONS/ BARRIERS & SMOKE BARRIERS	
SMOKE PARTITION	
INDICATES LOCATIONS WHERE FRP IS INSTALLED ON WALLS IN KITCHEN	
BRICK VENEER	
CMU WALLS	
INDICATES PARTITION TYPES ABOVE OR BELOW WINDOW	A (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SOUND BATTS IN INTERIOR PARTITION	B (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SMOKE BARRIER	SB (DESIGNATION NEXT TO PARTITION TYPE LABEL)
INDICATES SMOKE PARTITION	SP (DESIGNATION NEXT TO PARTITION TYPE LABEL)
FLUSH MOUNT CORNER GUARD TO 4'-0" A.F.F.	CG1 (SEE 08/A114)
FLUSH MOUNT CORNER GUARD TO 4'-0" A.F.F. (FIRE RATED)	CG2 (SEE 08/A114)
FLUSH MOUNT END WALL GUARD TO 4'-0" A.F.F.	CG3 (SEE 08/A114)
STAINLESS STEEL CORNER GUARD TO 4'-0" A.F.F.	CG4 (SEE 08/A114)
STAINLESS STEEL END WALL GUARD TO 4'-0" A.F.F.	CG5 (SEE 08/A114)
PATHWAY LIGHTING IN LOW MASONRY WALLS	WL
PROVIDE ¾" 4'X4' FIRE-RETARDANT TREATED PLYWOOD, PAINT TO MATCH GYPSUM WB.	PB1

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1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
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Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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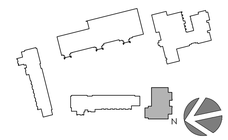
Key Plan



Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FLOOR PLAN

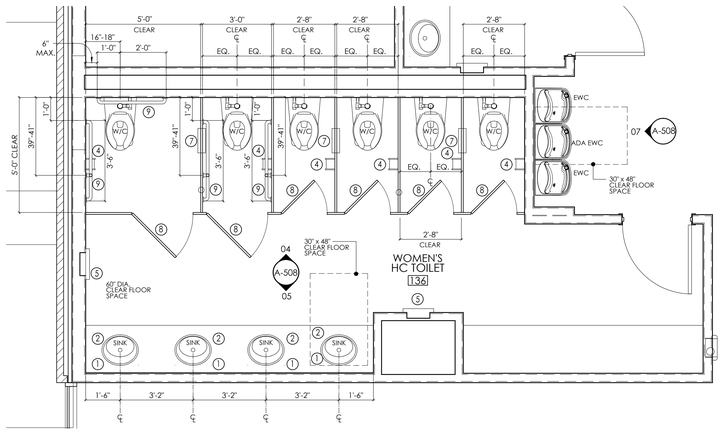
DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

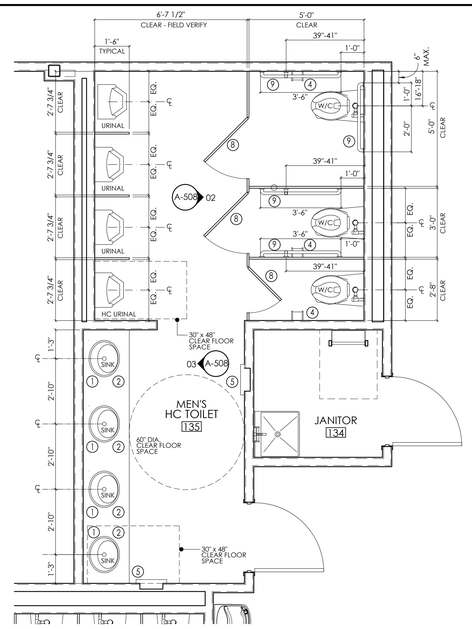
Sheet Number

A-107

9/23/2020 2:41 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-107 - CD Floor Plan & Dimension Plan - Detox Building.dwg



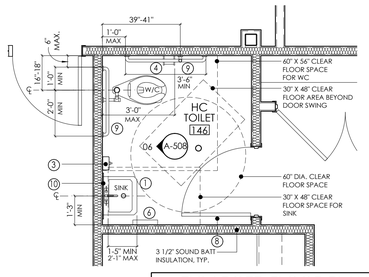
ENLARGED FLOOR PLAN 01
SCALE: 3/8" = 1'-0"



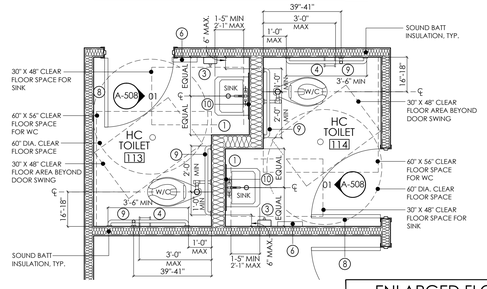
ENLARGED FLOOR PLAN 02
SCALE: 3/8" = 1'-0"

BATHROOM/SHOWER ROOM FIXTURE ACCESSORY SCHEDULE - ADMIN/EDUCATION BUILDING							
ITEM	SYMB.	SPECIFICATION/BASIS OF DESIGN	LOCATION/QUANTITY				
			HC TOILET 113	HC TOILET 114	MEN'S 135	WOMEN'S 136	HC TOILET 146
AUTOMATIC HAND WASHING FAUCET	①	SLOAN ETF-80 OPTIMA, CHROME PLATED, BRASS SPOUT, SINGLE HOLE HARD WIRE OPERATED SENSOR FAUCET W/ PLUG-IN TRANSFORMER	1	1	4	4	1
AUTOMATIC SOAP DISPENSER	②	SLOAN EDS-200, CHROME PLATED, BRASS SPOUT, MODULAR ONE PIECE CONSTRUCTION, INFRARED SENSOR W/ PLUG-IN ADAPTER, FOAM SOAP	0	0	4	4	0
SURFACE-MOUNTED SOAP DISPENSER	③	OWNER PROVIDED/OWNER INSTALLED	1	1	0	0	1
TOILET PAPER DISPENSER	④	OWNER PROVIDED/OWNER INSTALLED	1	1	3	6	1
RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE	⑤	BOBRICK RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE, B-369	0	0	2	2	0
PAPER TOWEL DISPENSER	⑥	OWNER PROVIDED/OWNER INSTALLED	1	1	0	0	1
SANITARY NAPKIN DISPOSAL	⑦	BRADLEY RECESSED SANITARY NAPKIN DISPOSAL #4721-15, STAINLESS STEEL FOR SHARED PARTITIONS, #4722-15 FOR SINGLE SIDE SERVED DISPOSAL	0	0	0	3 DBL	0
COAT HOOK	⑧	BRADLEY #915 SINGLE HOOK, SURFACE MOUNTED CLOTHES HOOK & DOOR BUMPER , CHROME-PLATED BRASS	1	1	3	6	1
ADA GRAB BARS	⑨	BRUSHED STAINLESS STEEL	1 SET	1 SET	2 SETS	2 SETS	1 SET
MIRROR	⑩	24"x36" WELDED-FRAME MIRROR, B-290 2436	1	1	0	0	1
CLOTHES HOOK STRIP	⑪	BOBRICK B-985	0	0	0	0	0
SOAP DISH	⑫	BOBRICK RECESSED SOAP DISH B-4380	0	0	0	0	0
CLOTHES HOOK	⑬	BOBRICK B-983	0	0	0	0	0
BENCH	⑭	TUFFTEC BENCH BY SCRANTON PRODUCTS- 36"X9 1/2"	0	0	0	0	0
HC SHOWER SEAT	⑮	BRADLEY 9593 SHOWER SEAT	0	0	0	0	0
TOWEL PIN	⑯	BOBRICK B-6777	0	0	0	0	0
BENCH	⑰	TUFFTEC BENCH BY SCRANTON PRODUCTS- 96"X9 1/2"	0	0	0	0	0
BENCH	⑱	TUFFTEC BENCH BY SCRANTON PRODUCTS- 42"X24" -18" SEAT HGT., REAR OF SEAT TO BE IN CONTACT W/ WALL	0	0	0	0	0
BENCH	⑲	TUFFTEC BENCH BY SCRANTON PRODUCTS- 60"X24" -18" SEAT HGT., REAR OF SEAT TO BE IN CONTACT W/ WALL	0	0	0	0	0
MOP & BROOM HOLDER	⑳	BOBRICK B-223 X 24 - PROVIDE TWO (2) IN EACH OF EIGHT (8) JANITOR ROOMS THROUGHOUT PROJECT - LOCATION TO BE DETERMINED BY ARCHITECT	0	0	0	0	0

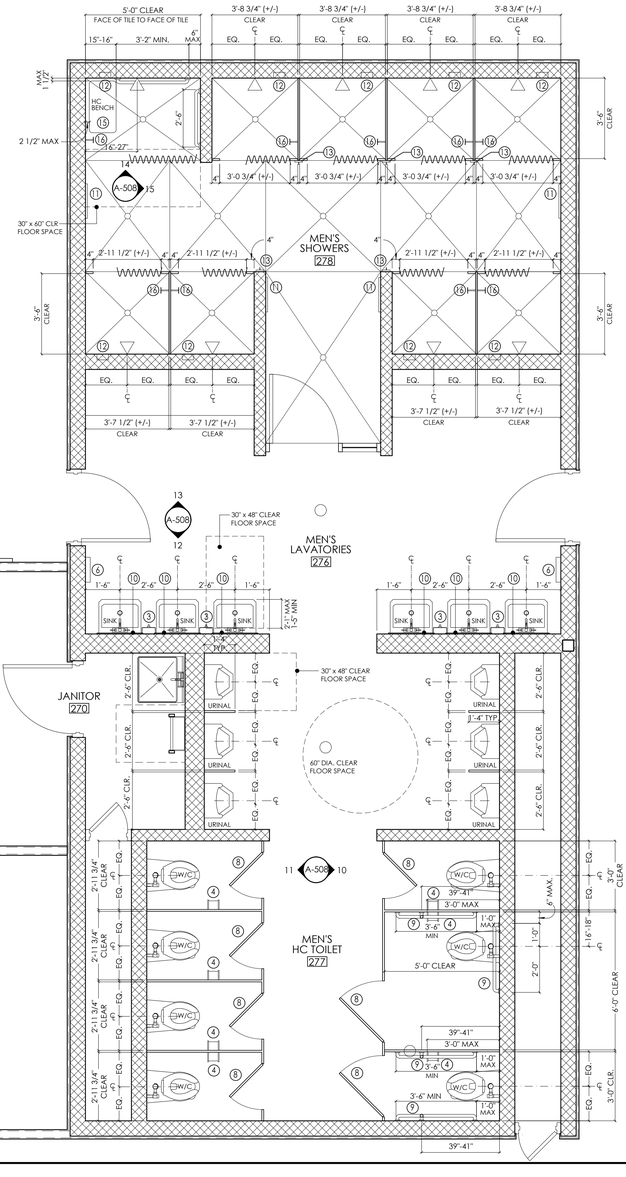
BATHROOM NOTES:
-NEW PLUMBING FIXTURES - SEE PLUMBING SPECS ON PLUMBING ENGINEERING PLANS
-NEW FLOORING - SEE FINISH PLAN FOR SPEC.



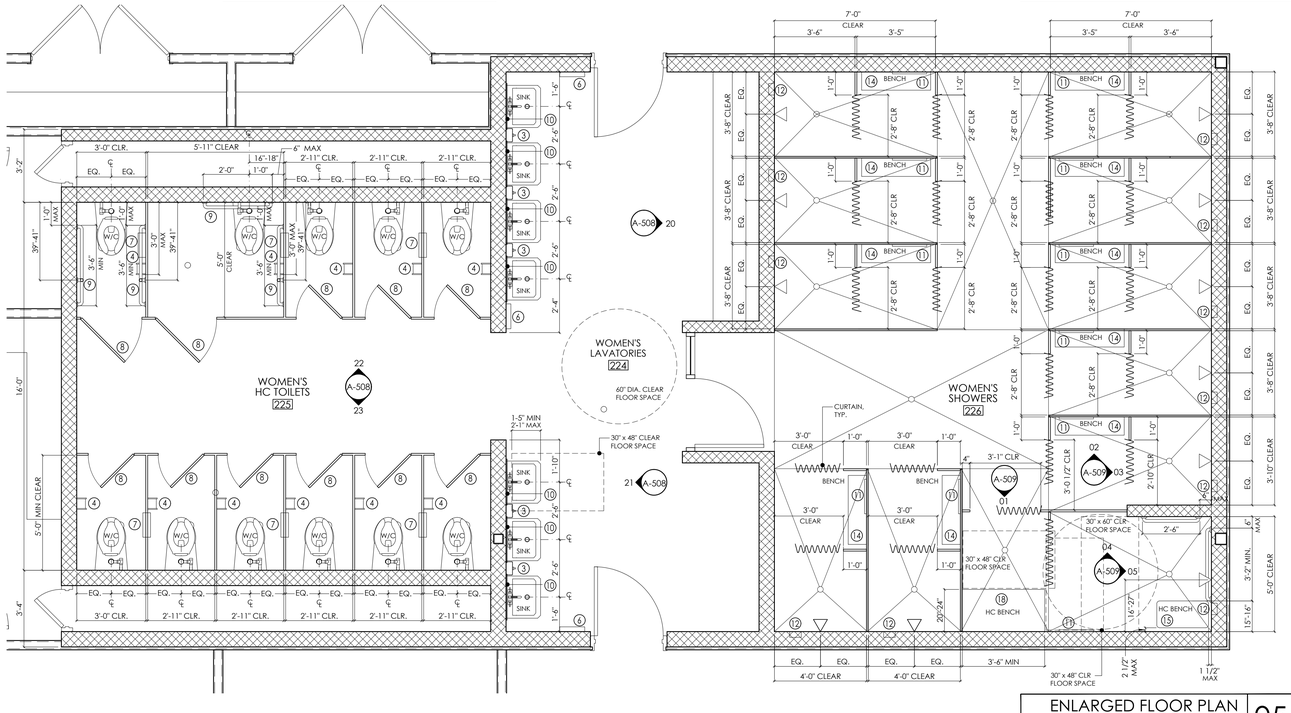
ENLARGED FLOOR PLAN 03
SCALE: 3/8" = 1'-0"



ENLARGED FLOOR PLAN 04
SCALE: 3/8" = 1'-0"



ENLARGED FLOOR PLAN 06
SCALE: 3/8" = 1'-0"



ENLARGED FLOOR PLAN 05
SCALE: 3/8" = 1'-0"

isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project
THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client
NEW HANOVER COUNTY, NORTH CAROLINA

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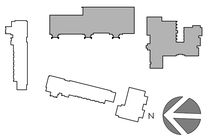
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

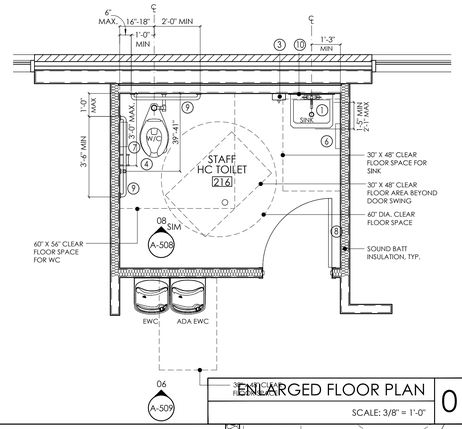
Project Code: 16HTWILMING

Sheet Title
ENLARGED FLOOR PLANS ADMINISTRATIVE/ EDUCATION BUILDING DINING/SHELTER BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

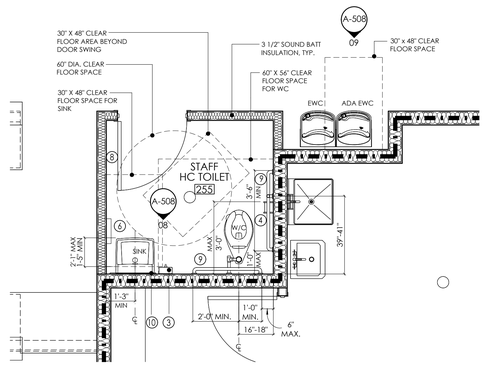
Sheet Number
A-108

9/23/2020 2:42 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-108 - CD Enlarged Plans.dwg



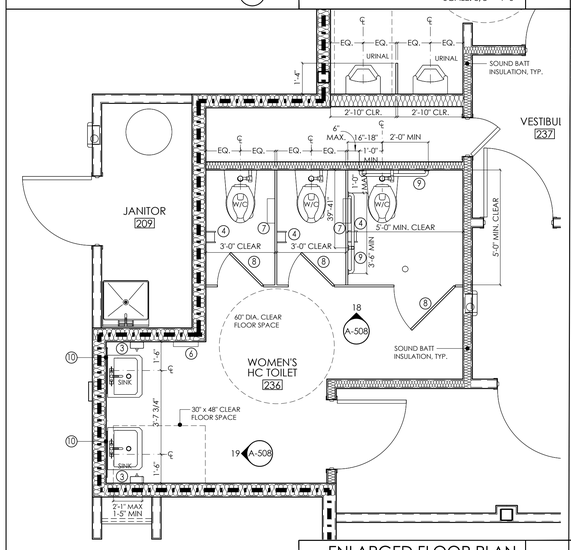
ENLARGED FLOOR PLAN 01

SCALE: 3/8" = 1'-0"



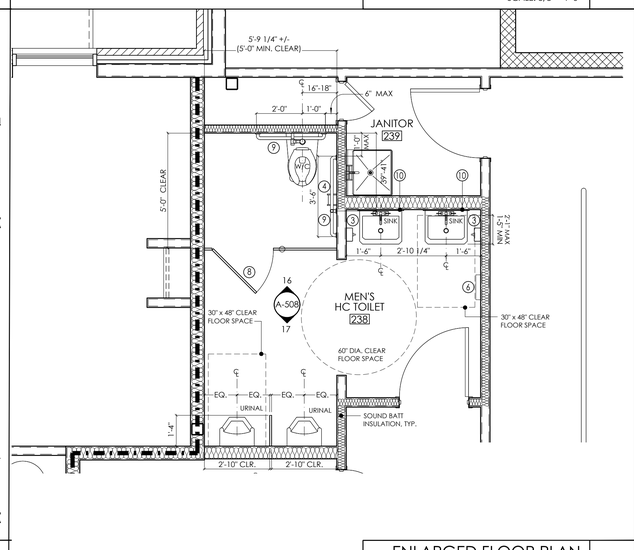
ENLARGED FLOOR PLAN 02

SCALE: 3/8" = 1'-0"



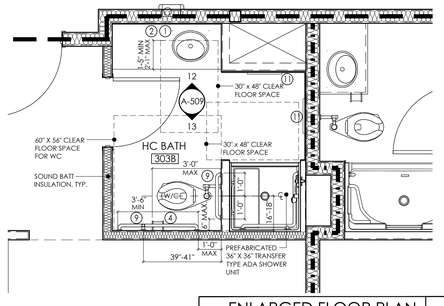
ENLARGED FLOOR PLAN 03

SCALE: 3/8" = 1'-0"



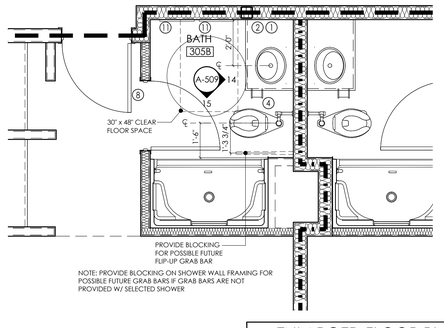
ENLARGED FLOOR PLAN 04

SCALE: 3/8" = 1'-0"



ENLARGED FLOOR PLAN 05

SCALE: 3/8" = 1'-0"



ENLARGED FLOOR PLAN 06

SCALE: 3/8" = 1'-0"

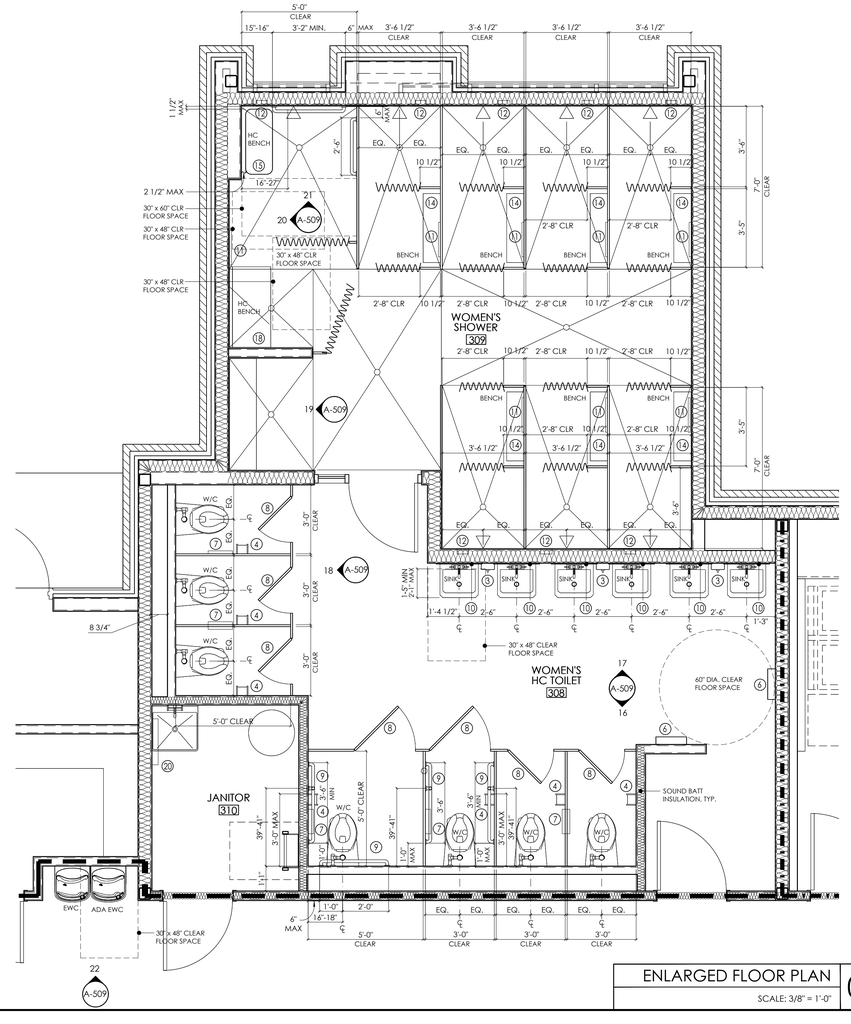
BATHROOM/SHOWER ROOM FIXTURE ACCESSORY SCHEDULE - DINING/SHELTER/STORAGE BUILDING

ITEM	SYMB.	SPECIFICATION/BASIS OF DESIGN	LOCATION/QUANTITY								
			STAFF TOILET 216	WOMEN'S LAV 224	WOMEN'S 225	WOMEN'S 226	WOMEN'S 236	MEN'S 238	STAFF TOILET 255	MEN'S LAV 276	MEN'S 277	MEN'S 278
AUTOMATIC HAND WASHING FAUCET	①	SLOAN ETF-80 OPTIMA, CHROME PLATED, BRASS SPOUT, SINGLE HOLE HARD WIRE OPERATED SENSOR FAUCET W/ PLUG-IN TRANSFORMER	1	7	0	0	2	2	1	6	0	0
AUTOMATIC SOAP DISPENSER	②	SLOAN EDS-200, CHROME PLATED, BRASS SPOUT, MODULAR ONE PIECE CONSTRUCTION, INFRARED SENSOR W/ PLUG-IN ADAPTER, FOAM SOAP	0	0	0	0	0	0	0	0	0	0
SURFACE-MOUNTED SOAP DISPENSER	③	OWNER PROVIDED/OWNER INSTALLED	1	5	0	0	2	2	1	4	0	0
TOILET PAPER DISPENSER	④	OWNER PROVIDED/OWNER INSTALLED	1	0	11	0	3	1	1	0	7	0
RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE	⑤	BOBRICK RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE, B-369	0	0	0	0	0	0	0	0	0	0
PAPER TOWEL DISPENSER	⑥	OWNER PROVIDED/OWNER INSTALLED	1	2	0	0	1	1	1	2	0	0
SANITARY NAPKIN DISPOSAL	⑦	BRADLEY RECESSED SANITARY NAPKIN DISPOSAL #4721-15, STAINLESS STEEL FOR SHARED PARTITIONS, #4722-15 FOR SINGLE SIDE SERVED DISPOSAL	1	0	5 DBL/ 1 SINGLE	0	1 DBL/ 1 SINGLE	0	0	0	0	0
COAT HOOK	⑧	BRADLEY #915 SINGLE HOOK, SURFACE MOUNTED CLOTHES HOOK & DOOR BUMPER , CHROME-PLATED BRASS	1	0	11	0	3	1	1	0	7	0
ADA GRAB BARS	⑨	BRUSHED STAINLESS STEEL - SEE NOTES BELOW	1 SET	0	2 SETS	0	1 SET	1 SET	1 SET	0	2 SETS	0
MIRROR	⑩	24"x36" WELDED-FRAME MIRROR, B-290 2436	1	7	0	0	2	2	1	6	0	0
CLOTHES HOOK STRIP	⑪	BOBRICK B-985	0	0	0	11	0	0	0	0	0	4
SOAP DISH	⑫	BOBRICK RECESSED SOAP DISH B-4380	0	0	0	11	0	0	0	0	0	9
CLOTHES HOOK	⑬	BOBRICK B-983	0	0	0	0	0	0	0	0	0	5
BENCH	⑭	TUFFTEC BENCH BY SCRANTON PRODUCTS- 36"X9 1/2"	0	0	0	10	0	0	0	0	0	0
HC SHOWER SEAT	⑮	BRADLEY 9593 SHOWER SEAT	0	0	0	1	0	0	0	0	0	1
TOWEL PIN	⑯	BOBRICK B-6777	0	0	0	0	0	0	0	0	0	9
BENCH	⑰	TUFFTEC BENCH BY SCRANTON PRODUCTS- 96"X9 1/2"	0	0	0	0	0	0	0	0	0	0
BENCH	⑱	TUFFTEC BENCH BY SCRANTON PRODUCTS- 42"X24" - 18" SEAT HGT., REAR OF SEAT TO BE IN CONTACT W/ WALL	0	0	0	1	0	0	0	0	0	0
BENCH	⑲	TUFFTEC BENCH BY SCRANTON PRODUCTS- 60"X24" - 18" SEAT HGT., REAR OF SEAT TO BE IN CONTACT W/ WALL	0	0	0	0	0	0	0	0	0	0
MOP & BROOM HOLDER	⑳	BOBRICK B-223 X 24 - PROVIDE TWO (2) IN EACH OF EIGHT (8) JANITOR ROOMS THROUGHOUT PROJECT - LOCATION TO BE DETERMINED BY ARCHITECT	0	0	0	0	0	0	0	0	0	0

BATHROOM NOTES:

-NEW PLUMBING FIXTURES - SEE PLUMBING SPECS ON PLUMBING ENGINEERING PLANS

-NEW FLOORING - SEE FINISH PLAN FOR SPEC.



ENLARGED FLOOR PLAN 07

SCALE: 3/8" = 1'-0"

BATHROOM/SHOWER ROOM FIXTURE ACCESSORY SCHEDULE - WOMEN'S RESIDENTIAL BUILDING

ITEM	SYMB.	SPECIFICATION/BASIS OF DESIGN	LOCATION/QUANTITY				
			WOMEN'S 308	WOMEN'S 309	HC BATH 303B	BATH 305B	JANITOR 310
AUTOMATIC HAND WASHING FAUCET	①	SLOAN ETF-80 OPTIMA, CHROME PLATED, BRASS SPOUT, SINGLE HOLE HARD WIRE OPERATED SENSOR FAUCET W/ PLUG-IN TRANSFORMER	6	0	1	1	0
AUTOMATIC SOAP DISPENSER	②	SLOAN EDS-200, CHROME PLATED, BRASS SPOUT, MODULAR ONE PIECE CONSTRUCTION, INFRARED SENSOR W/ PLUG-IN ADAPTER, FOAM SOAP	0	0	1	1	0
SURFACE-MOUNTED SOAP DISPENSER	③	OWNER PROVIDED/OWNER INSTALLED	3	0	0	0	0
TOILET PAPER DISPENSER	④	OWNER PROVIDED/OWNER INSTALLED	7	0	1	1	0
RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE	⑤	BOBRICK RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE, B-369	0	0	0	0	0
PAPER TOWEL DISPENSER	⑥	OWNER PROVIDED/OWNER INSTALLED	2	0	0	0	0
SANITARY NAPKIN DISPOSAL	⑦	BRADLEY RECESSED SANITARY NAPKIN DISPOSAL #4721-15, STAINLESS STEEL FOR SHARED PARTITIONS, #4722-15 FOR SINGLE SIDE SERVED DISPOSAL	2 DBL 3 SINGLE	0	1 SINGLE	1 SINGLE	0
COAT HOOK	⑧	BRADLEY #915 SINGLE HOOK, SURFACE MOUNTED CLOTHES HOOK & DOOR BUMPER , CHROME-PLATED BRASS	7	0	1	1	0
ADA GRAB BARS	⑨	BRUSHED STAINLESS STEEL - SEE NOTES BELOW	2 SETS	0	1 SET	0	0
MIRROR	⑩	24"x36" WELDED-FRAME MIRROR, B-290 2436	6	0	0	0	0
CLOTHES HOOK STRIP	⑪	BOBRICK B-985	0	8	2	2	0
SOAP DISH	⑫	BOBRICK RECESSED SOAP DISH B-4380	0	8	0	0	0
CLOTHES HOOK	⑬	BOBRICK B-983	0	0	0	0	0
BENCH	⑭	TUFFTEC BENCH BY SCRANTON PRODUCTS- 36"X9 1/2"	0	7	0	0	0
HC SHOWER SEAT	⑮	BRADLEY 9593 SHOWER SEAT	0	1	0	0	0
TOWEL PIN	⑯	BOBRICK B-6777	0	0	0	0	0
BENCH	⑰	TUFFTEC BENCH BY SCRANTON PRODUCTS- 96"X9 1/2"	0	0	0	0	0
BENCH	⑱	TUFFTEC BENCH BY SCRANTON PRODUCTS- 42"X24" - 18" SEAT HGT., REAR OF SEAT TO BE IN CONTACT W/ WALL	0	0	0	0	0
BENCH	⑲	TUFFTEC BENCH BY SCRANTON PRODUCTS- 60"X24" - 18" SEAT HGT., REAR OF SEAT TO BE IN CONTACT W/ WALL	0	0	0	0	0
MOP & BROOM HOLDER	⑳	BOBRICK B-223 X 24 - PROVIDE TWO (2) IN EACH OF EIGHT (8) JANITOR ROOMS THROUGHOUT PROJECT - LOCATION TO BE DETERMINED BY ARCHITECT	0	0	0	0	1

BATHROOM NOTES:

-NEW PLUMBING FIXTURES - SEE PLUMBING SPECS ON PLUMBING ENGINEERING PLANS

-NEW FLOORING - SEE FINISH PLAN FOR SPEC.

isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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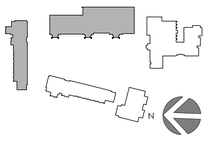
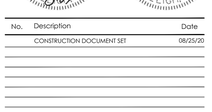
Key Plan



Professional Seals



No.	Description	Date
	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

ENLARGED FLOOR PLANS

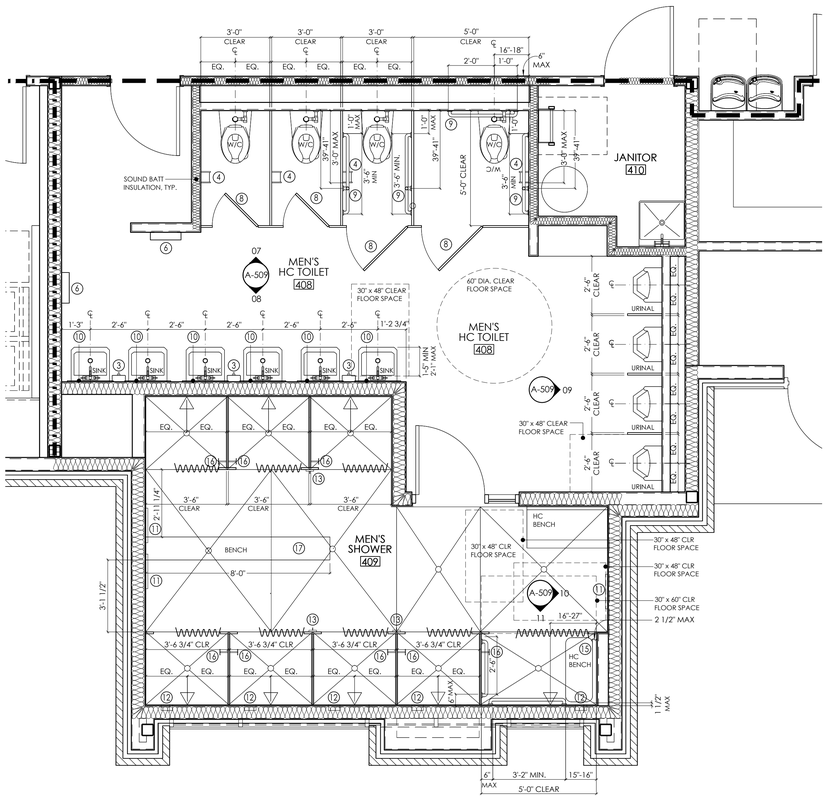
DINING/SHELTER BUILDING
WOMEN'S RESIDENCE

Original drawing is 42 x 30. Do not scale contents of this drawing.

Sheet Number

A-109

9/23/2020 2:44 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-109 - CD Enlarged Plans.dwg



ENLARGED FLOOR PLAN 01

SCALE: 3/8" = 1'-0"

BATHROOM/SHOWER ROOM FIXTURE ACCESSORY SCHEDULE - MEN'S RESIDENTIAL BUILDING

ITEM	SYMB.	SPECIFICATION/BASIS OF DESIGN	LOCATION/QUANTITY	
			MEN'S 408	MEN'S 409
AUTOMATIC HAND WASHING FAUCET	①	SLOAN ETF-80 OPTIMA, CHROME PLATED, BRASS SPOUT, SINGLE HOLE HARD WIRE OPERATED SENSOR FAUCET W/ PLUG-IN TRANSFORMER	6	0
AUTOMATIC SOAP DISPENSER	②	SLOAN EDS-200, CHROME PLATED, BRASS SPOUT, MODULAR ONE PIECE CONSTRUCTION, INFRARED SENSOR W/ PLUG-IN ADAPTER, FOAM SOAP	0	0
SURFACE-MOUNTED SOAP DISPENSER	③	OWNER PROVIDED/OWNER INSTALLED	3	0
TOILET PAPER DISPENSER	④	OWNER PROVIDED/OWNER INSTALLED	4	0
RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE	⑤	BOBRICK RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE, B-369	0	0
PAPER TOWEL DISPENSER	⑥	OWNER PROVIDED/OWNER INSTALLED	2	0
SANITARY NAPKIN DISPOSAL	⑦	BRADLEY RECESSED SANITARY NAPKIN DISPOSAL #4721-15, STAINLESS STEEL FOR SHARED PARTITIONS, #4722-15 FOR SINGLE SIDE SERVED DISPOSAL	0	0
COAT HOOK	⑧	BRADLEY #915 SINGLE HOOK, SURFACE MOUNTED CLOTHES HOOK & DOOR BUMPER , CHROME-PLATED BRASS	4	0
ADA GRAB BARS	⑨	BRUSHED STAINLESS STEEL - SEE NOTES BELOW	2 SETS	0
MIRROR	⑩	24"x36" WELDED-FRAME MIRROR, B-290 2436	6	0
CLOTHES HOOK STRIP	⑪	BOBRICK B-985	0	3
SOAP DISH	⑫	BOBRICK RECESSED SOAP DISH B-4380	0	5
CLOTHES HOOK	⑬	BOBRICK B-983	0	1
BENCH	⑭	TUFFTEC BENCH BY SCRANTON PRODUCTS- 36"X9 1/2"	0	0
HC SHOWER SEAT	⑮	BRADLEY 9593 SHOWER SEAT	0	1
TOWEL PIN	⑯	BOBRICK B-6777	0	8
BENCH	⑰	TUFFTEC BENCH BY SCRANTON PRODUCTS- 96"X9 1/2"	0	1
BENCH	⑱	TUFFTEC BENCH BY SCRANTON PRODUCTS- 42"X24" - 18" SEAT HGT., REAR OF SEAT TO BE IN CONTACT W/ WALL	0	0
BENCH	⑲	TUFFTEC BENCH BY SCRANTON PRODUCTS- 60"X24" - 18" SEAT HGT., REAR OF SEAT TO BE IN CONTACT W/ WALL	0	0
MOP & BROOM HOLDER	⑳	BOBRICK B-223 X 24 - PROVIDE TWO (2) IN EACH OF EIGHT (8) JANITOR ROOMS THROUGHOUT PROJECT - LOCATION TO BE DETERMINED BY ARCHITECT	0	0

BATHROOM NOTES:

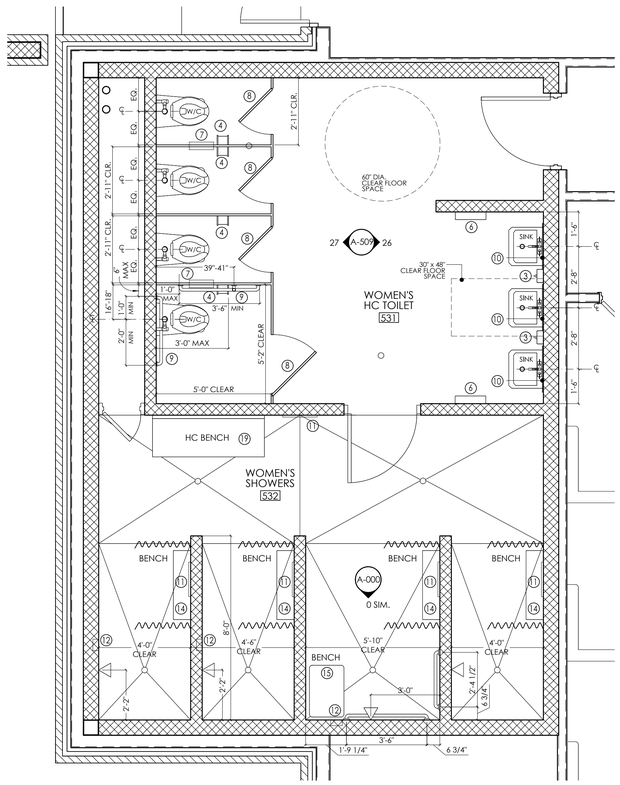
-NEW PLUMBING FIXTURES - SEE PLUMBING SPECS ON PLUMBING ENGINEERING PLANS
-NEW FLOORING - SEE FINISH PLAN FOR SPEC.

BATHROOM/SHOWER ROOM FIXTURE ACCESSORY SCHEDULE - DETOX BUILDING

ITEM	SYMB.	SPECIFICATION/BASIS OF DESIGN	LOCATION/QUANTITY				
			MEN'S 515	MEN'S 516	STAFF 517	WOMEN'S 531	WOMEN'S 532
AUTOMATIC HAND WASHING FAUCET	①	SLOAN ETF-80 OPTIMA, CHROME PLATED, BRASS SPOUT, SINGLE HOLE HARD WIRE OPERATED SENSOR FAUCET W/ PLUG-IN TRANSFORMER	3	0	1	3	0
AUTOMATIC SOAP DISPENSER	②	SLOAN EDS-200, CHROME PLATED, BRASS SPOUT, MODULAR ONE PIECE CONSTRUCTION, INFRARED SENSOR W/ PLUG-IN ADAPTER, FOAM SOAP	0	0	0	0	0
SURFACE-MOUNTED SOAP DISPENSER	③	OWNER PROVIDED/OWNER INSTALLED	2	0	1	2	0
TOILET PAPER DISPENSER	④	OWNER PROVIDED/OWNER INSTALLED	3	0	1	4	0
RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE	⑤	BOBRICK RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE, B-369	0	0	0	0	0
PAPER TOWEL DISPENSER	⑥	OWNER PROVIDED/OWNER INSTALLED	2	0	1	2	0
SANITARY NAPKIN DISPOSAL	⑦	BRADLEY RECESSED SANITARY NAPKIN DISPOSAL #4721-15, STAINLESS STEEL FOR SHARED PARTITIONS, #4722-15 FOR SINGLE SIDE SERVED DISPOSAL	0	0	0	2 DBL	0
COAT HOOK	⑧	BRADLEY #915 SINGLE HOOK, SURFACE MOUNTED CLOTHES HOOK & DOOR BUMPER , CHROME-PLATED BRASS	3	0	1	4	0
ADA GRAB BARS	⑨	BRUSHED STAINLESS STEEL - SEE NOTES BELOW	1 SET	0	1 SET	1 SET	0
MIRROR	⑩	24"x36" WELDED-FRAME MIRROR, B-290 2436	3	0	1	3	0
CLOTHES HOOK STRIP	⑪	BOBRICK B-985	0	4	0	0	5
SOAP DISH	⑫	BOBRICK RECESSED SOAP DISH B-4380	0	1	0	0	3
CLOTHES HOOK	⑬	BOBRICK B-983	0	0	0	0	0
BENCH	⑭	TUFFTEC BENCH BY SCRANTON PRODUCTS- 36"X9 1/2"	0	0	0	0	4
HC SHOWER SEAT	⑮	BRADLEY 9593 SHOWER SEAT	0	1	0	0	1
TOWEL PIN	⑯	BOBRICK B-6777	0	1	0	0	0
BENCH	⑰	TUFFTEC BENCH BY SCRANTON PRODUCTS- 96"X9 1/2"	0	0	0	0	0
BENCH	⑱	TUFFTEC BENCH BY SCRANTON PRODUCTS- 42"X24" - 18" SEAT HGT., REAR OF SEAT TO BE IN CONTACT W/ WALL	0	0	0	0	0
BENCH	⑲	TUFFTEC BENCH BY SCRANTON PRODUCTS- 60"X24" - 18" SEAT HGT., REAR OF SEAT TO BE IN CONTACT W/ WALL	0	1	0	0	1
MOP & BROOM HOLDER	⑳	BOBRICK B-223 X 24 - PROVIDE TWO (2) IN EACH OF EIGHT (8) JANITOR ROOMS THROUGHOUT PROJECT - LOCATION TO BE DETERMINED BY ARCHITECT	0	0	0	0	0

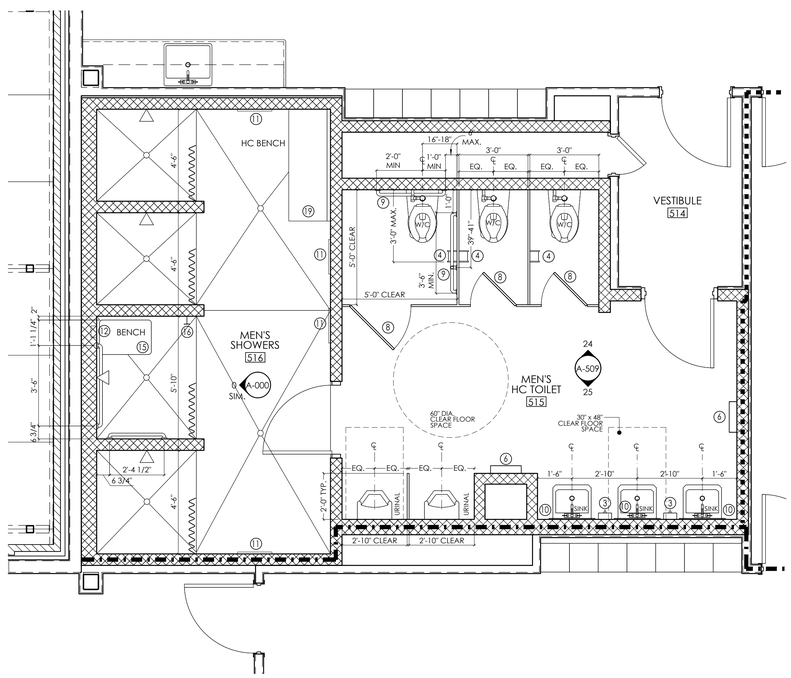
BATHROOM NOTES:

-NEW PLUMBING FIXTURES - SEE PLUMBING SPECS ON PLUMBING ENGINEERING PLANS
-NEW FLOORING - SEE FINISH PLAN FOR SPEC.



ENLARGED FLOOR PLAN 02

SCALE: 3/8" = 1'-0"



ENLARGED FLOOR PLAN 03

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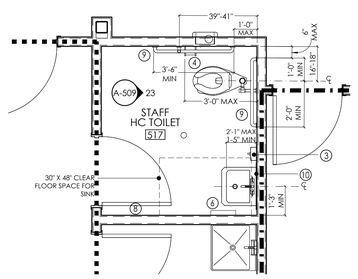

ENLARGED FLOOR PLAN 04

SCALE: 3/8" = 1'-0"

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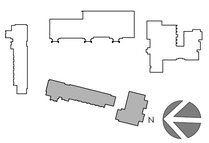
Key Plan



Professional Seals

No.	Description	Date
	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

ENLARGED FLOOR PLANS

MEN'S RESIDENCE
DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-110

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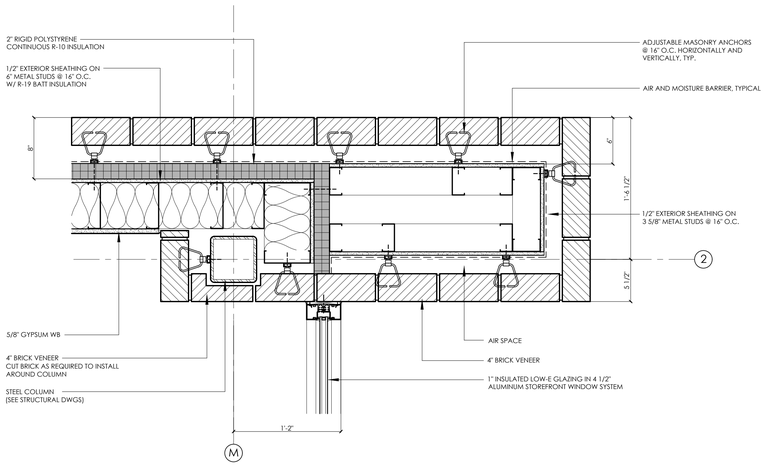

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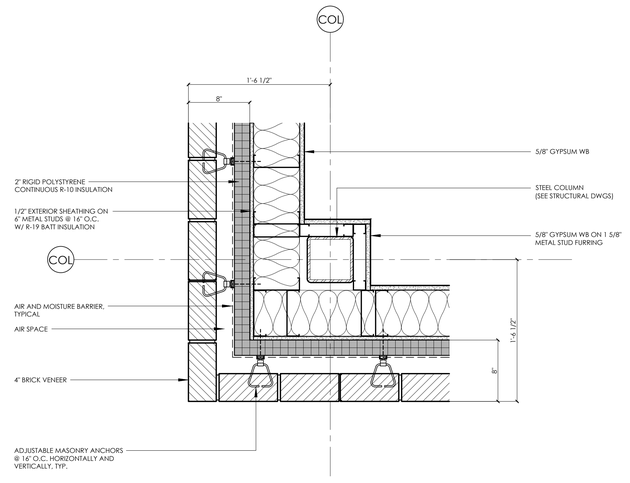

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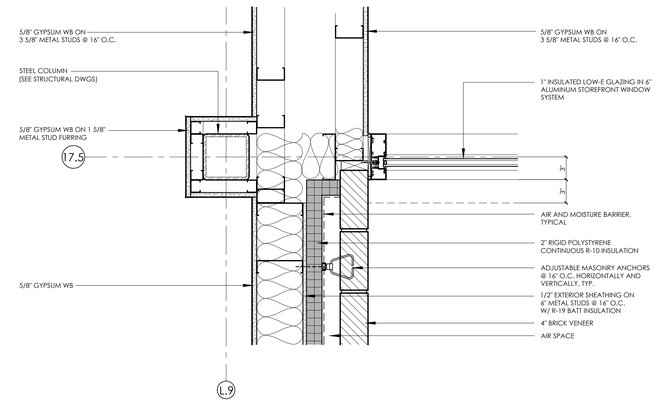

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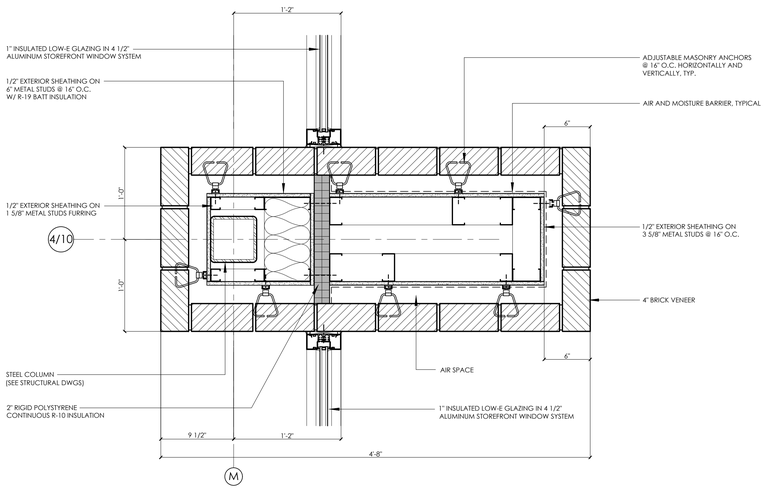

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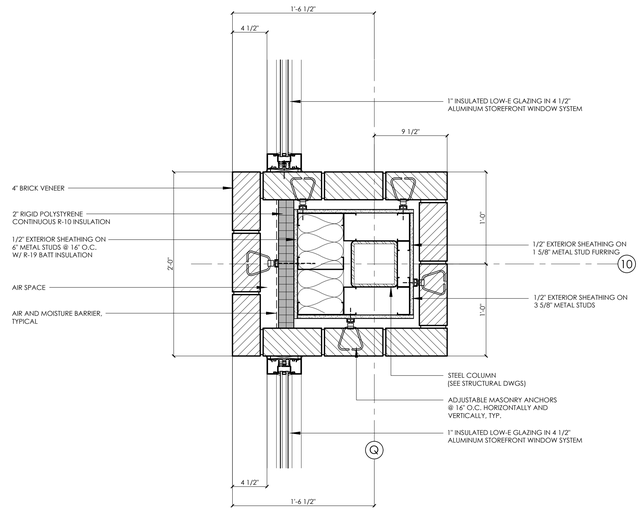

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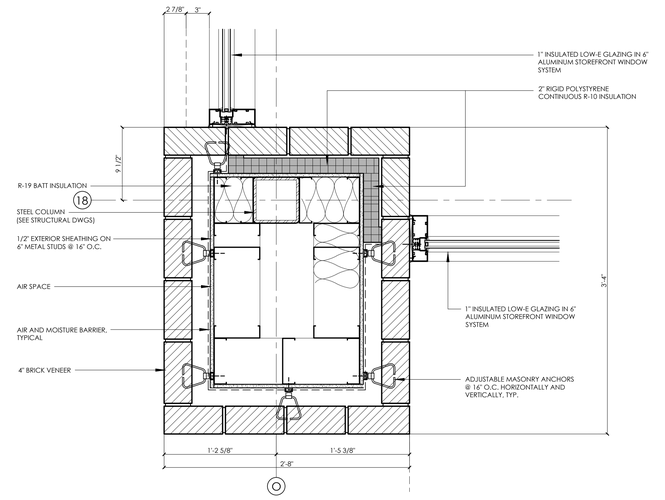

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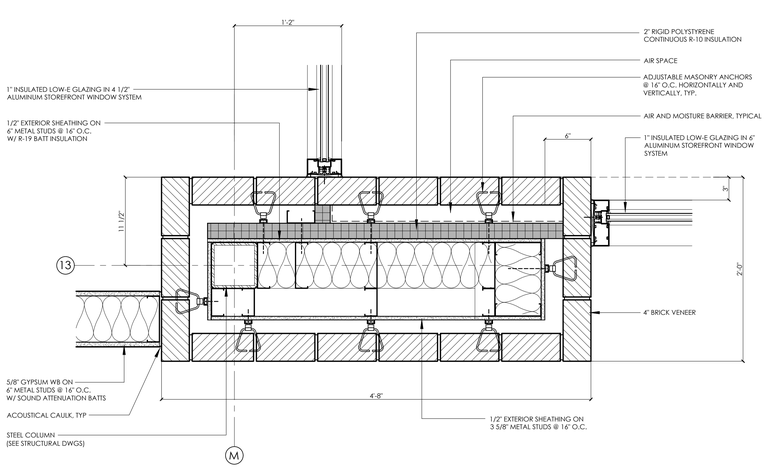

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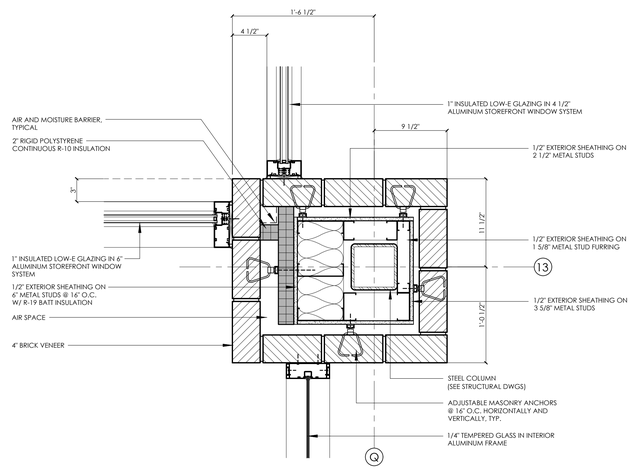

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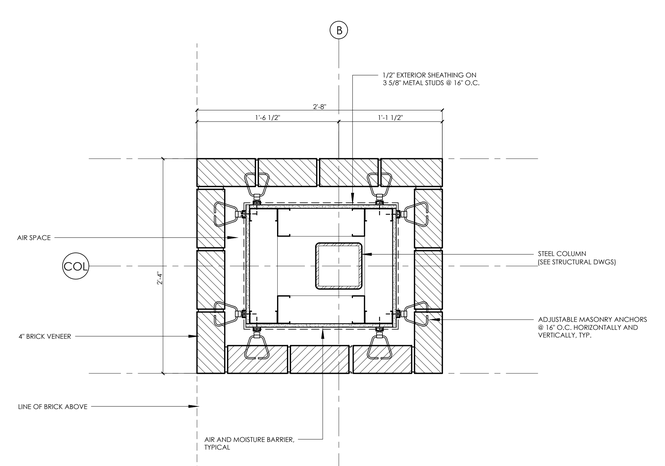

PLAN DETAIL 09
SCALE: 1 1/2" = 1'-0"

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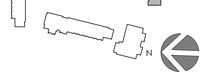
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

PLAN DETAILS

ADMINISTRATIVE / EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-111

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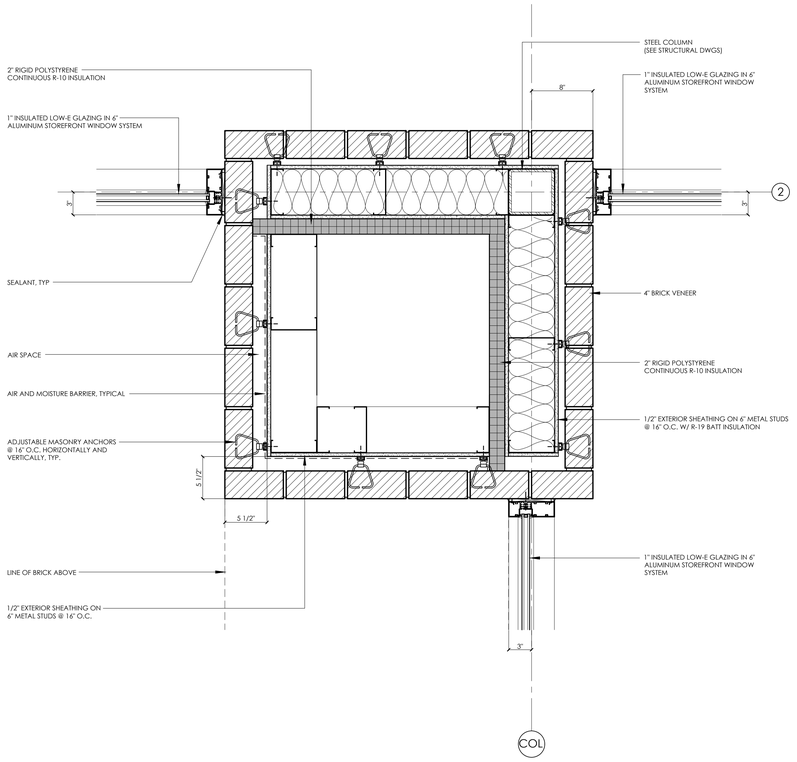

PLAN DETAIL 01
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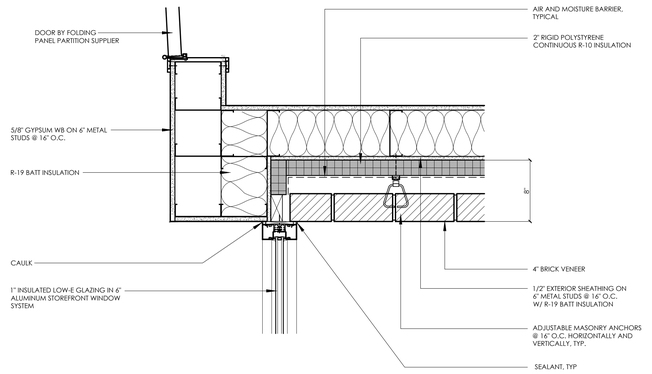

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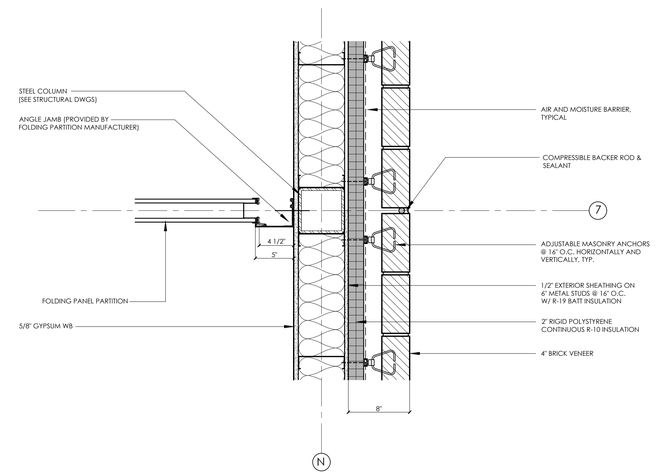

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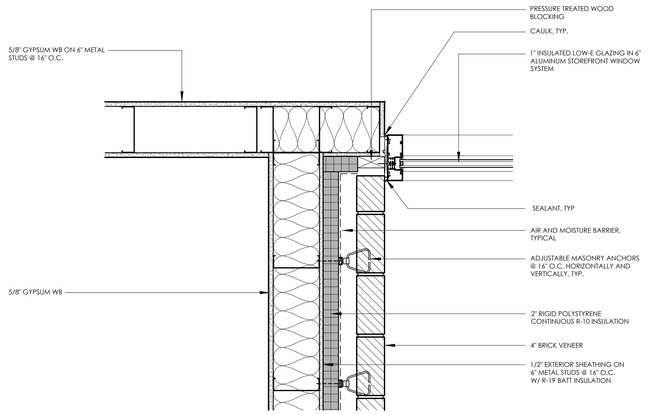

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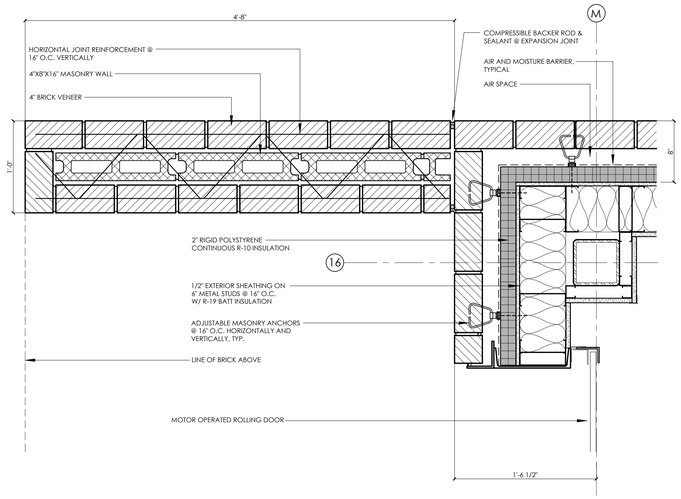

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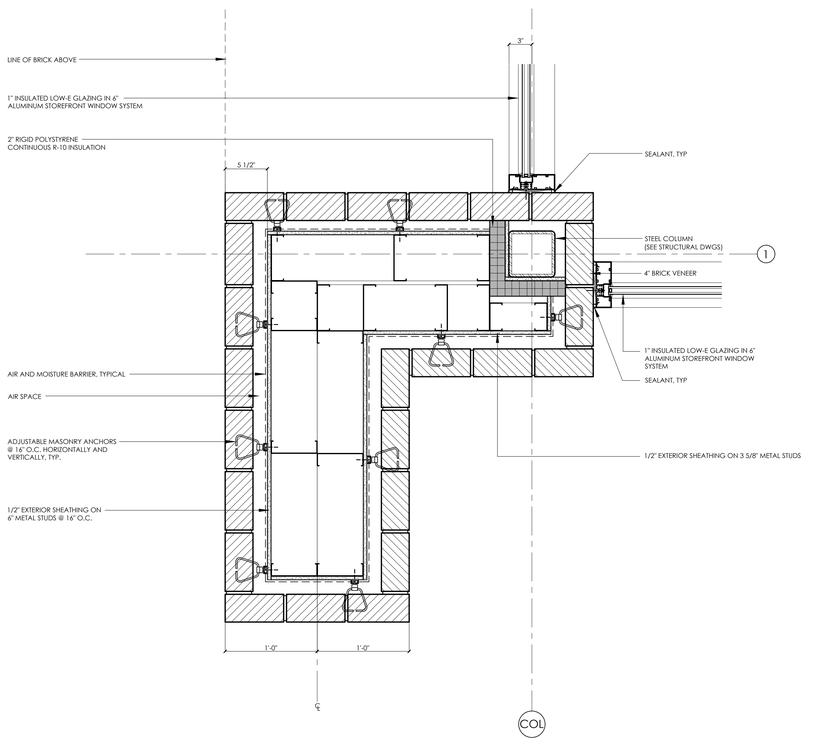

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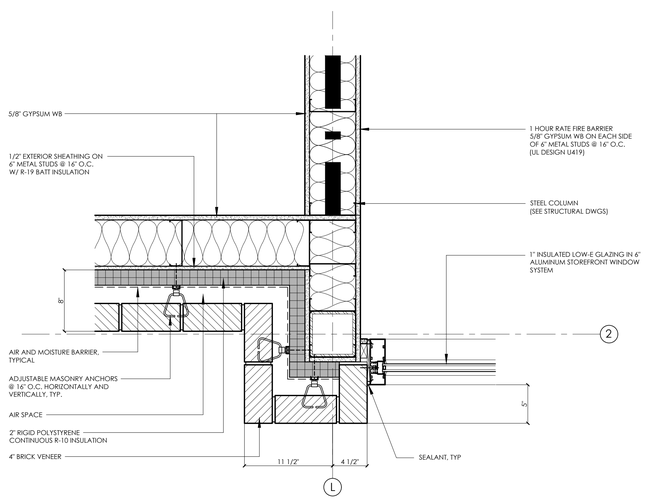

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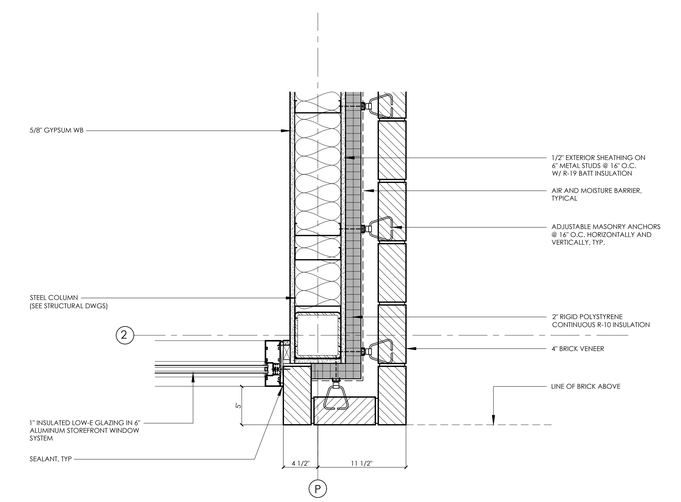

PLAN DETAIL 09
SCALE: 1 1/2" = 1'-0"

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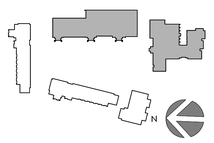
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

PLAN DETAILS
ADMINISTRATIVE / EDUCATION BUILDING & DINING/SHELTER BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-112

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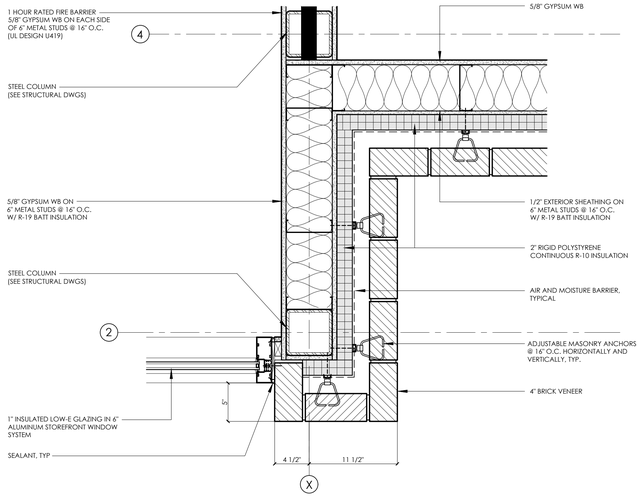

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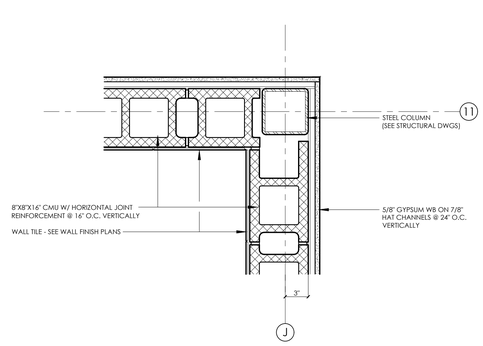

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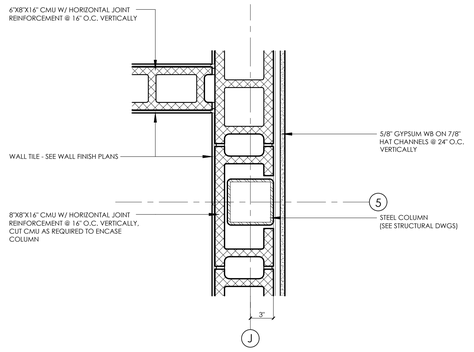

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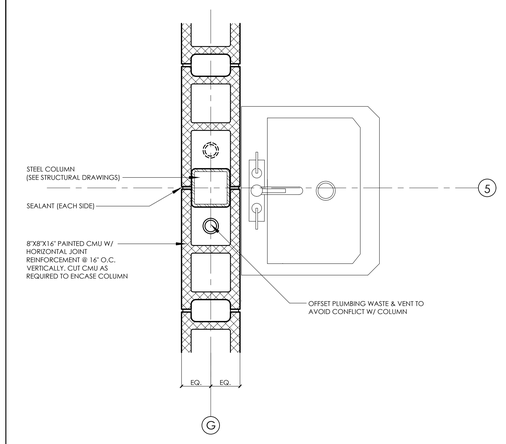

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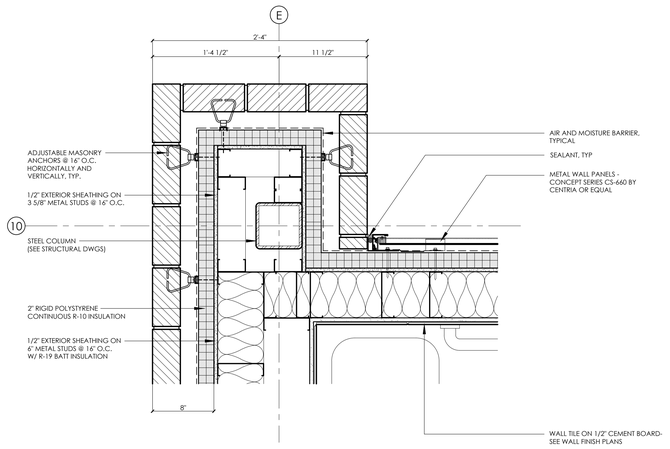

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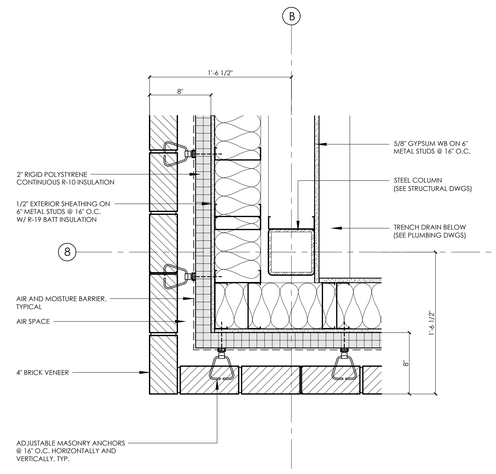

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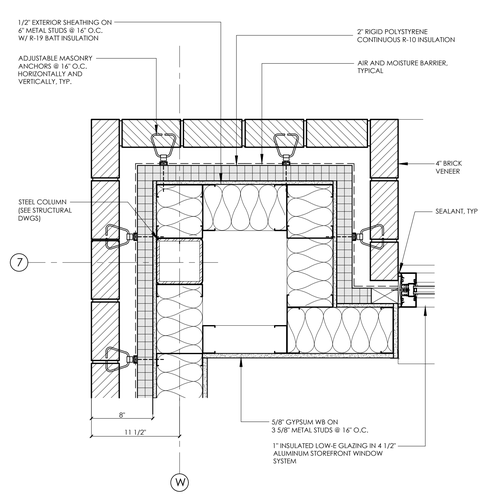

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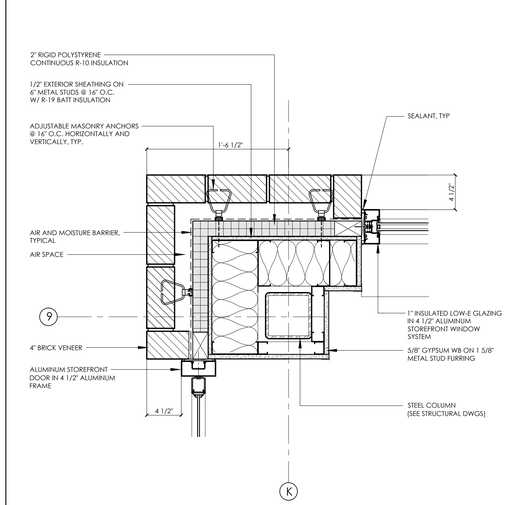

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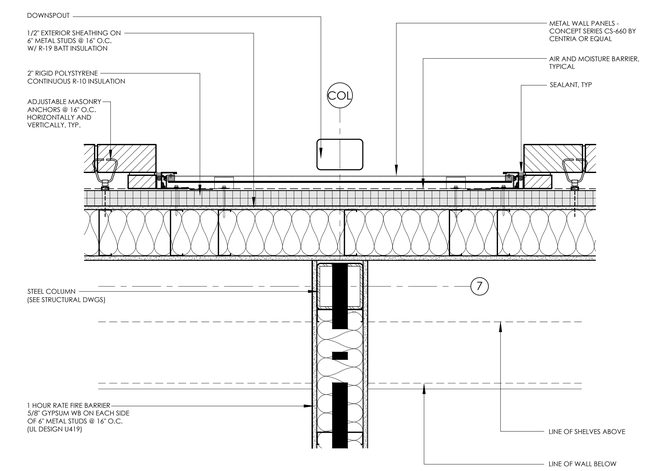

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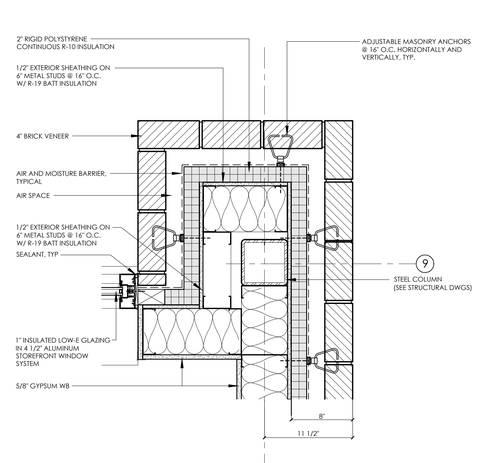

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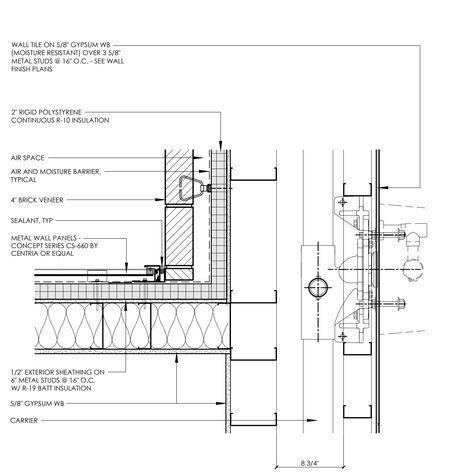

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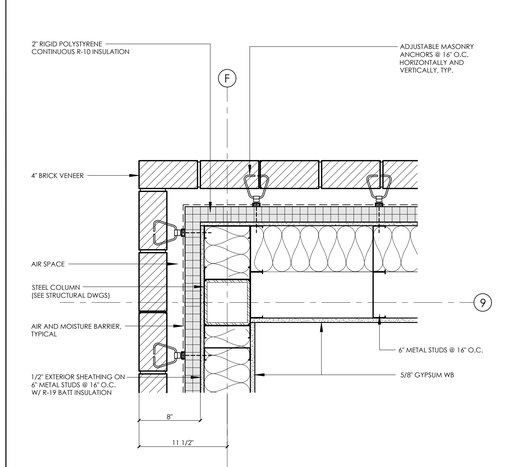

PLAN DETAIL 12
SCALE: 1 1/2" = 1'-0"

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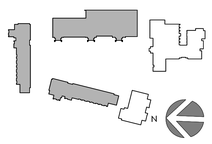

Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMKNG

Sheet Title

PLAN DETAILS

DINING / SHELTER & RESIDENCE BUILDINGS

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-113

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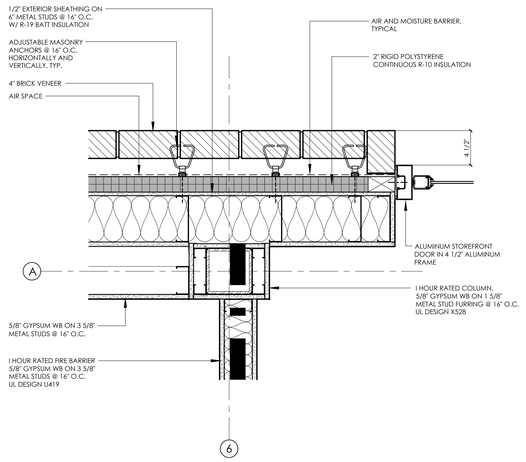

PLAN DETAIL 01
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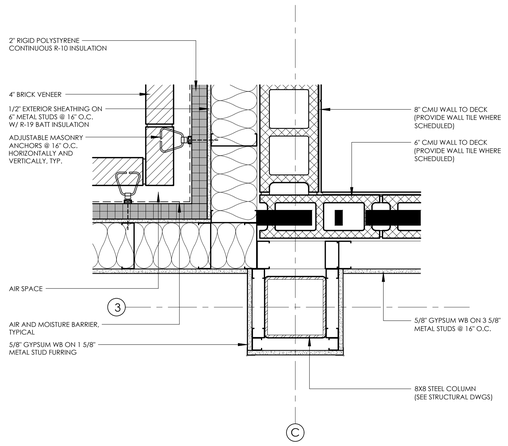
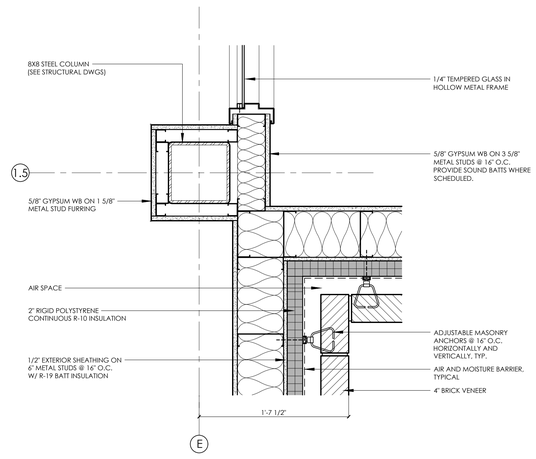
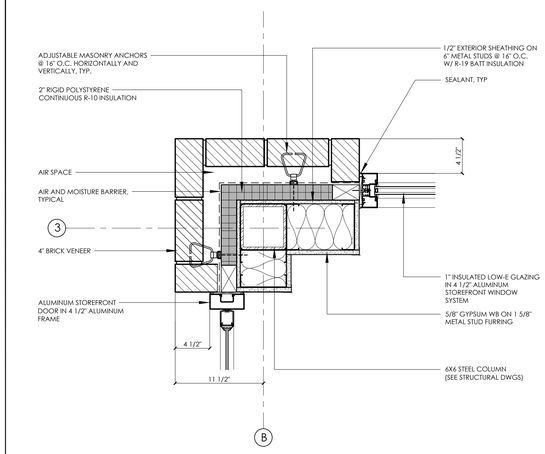


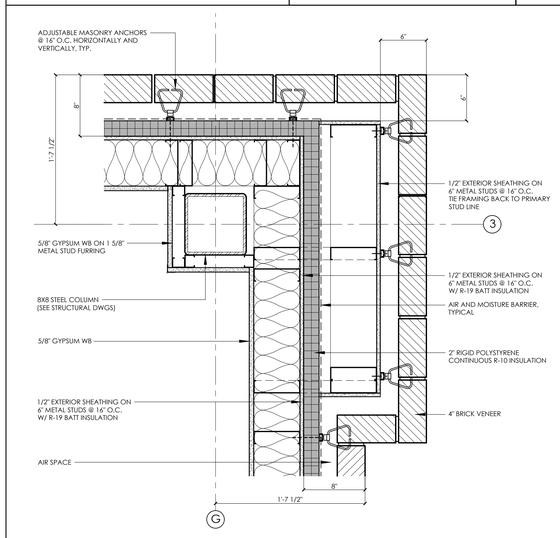
PLAN DETAIL 02
SCALE: 1 1/2" = 1'-0"



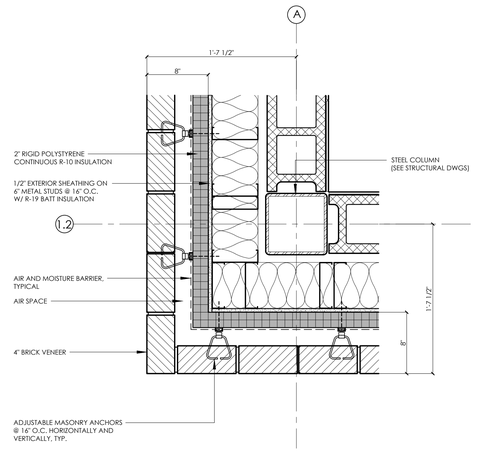
PLAN DETAIL 03
SCALE: 1 1/2" = 1'-0"



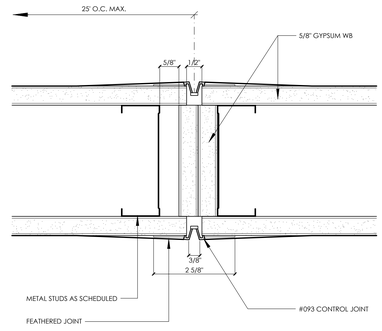
PLAN DETAIL 04
SCALE: 1 1/2" = 1'-0"



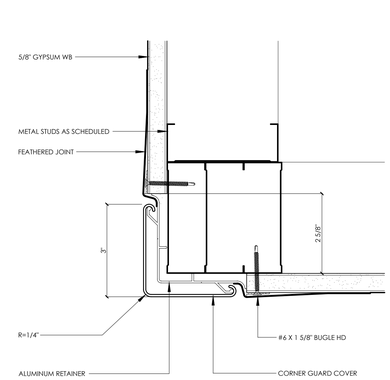
PLAN DETAIL 05
SCALE: 1 1/2" = 1'-0"



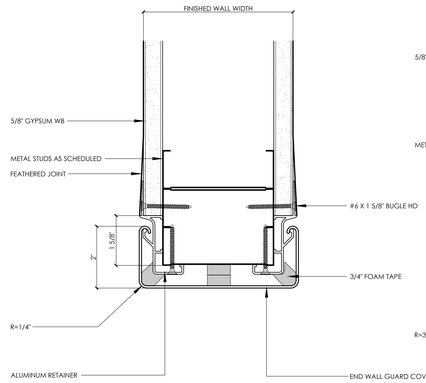
PLAN DETAIL 06
SCALE: 1 1/2" = 1'-0"



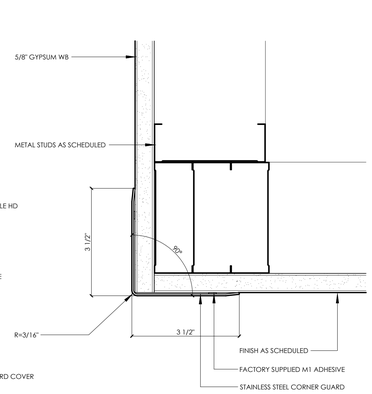
PLAN DETAIL 07
SCALE: 6" = 1'-0"



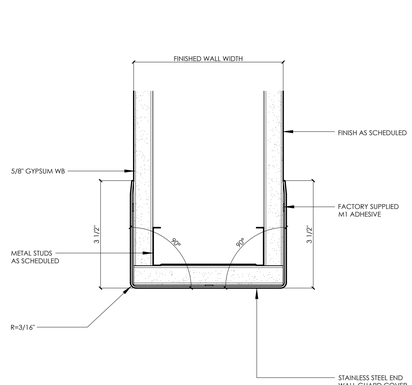
CG1 / CG2



CG3



CG4



CG5

PLAN DETAIL 08
SCALE: 6" = 1'-0"

9/23/2020 2:52 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-114 - CD Plan Details.dwg

isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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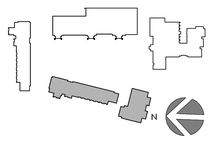
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

PLAN DETAILS

RESIDENTIAL BUILDINGS/ DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-114

FINISH LEGEND - FLOORING 1 OF 2

FINISH		MATERIAL	LOCATION	NOTES
FLOORING				
CARPET	FIELD CARPET FC-1 BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: PATCRAFT, STYLE: EASTERN FACADE (10515), COLOR: CONCRETE (00510), SIZE: 24"X24" TILE, INSTALLATION: MONOLITHIC	ADMINISTRATIVE/EDUCATION BUILDING: MEN'S PLANNING ROOM 103, PLANNING RM COORD 104, TRANSITION CASE MGR 105, WOMEN'S PLANNING ROOM 106, PLANNING RM COORD 107, RECEPTION 111, VISITATION ROOM 112, SECURE FILES 115, OFFICE 117, BOOKKEEPING 118, COPY 121, HUMAN RESOURCES 122, DIRECTOR 123, COORDINATOR 124, DIRECTOR 125, CONFERENCE 127, FLEXIBLE WORKSTATIONS 128, PHYSICIAN'S OFFICE 141, CORRIDORS 151, 152, 153, 154, 155 & 156 DINING/SHELTER/STORAGE BUILDING: N/A WOMEN'S RESIDENTIAL BUILDING: OFFICE 312 MEN'S RESIDENTIAL BUILDING: OFFICE 412 DETOX BUILDING: OFFICES 506 & 524	-SEE FLOOR PLANS FOR LOCATION FOR PRODUCT QUESTIONS PLEASE CONTACT MEGGHAN HOYT WITH PATCRAFT AT 202-288-5111 OR MEGGHAN.HOYT@PATCRAFT.COM
	ACCENT CARPET AC-2 BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: PATCRAFT, STYLE: EDGELAND (10517), COLOR: CONCRETE (00510), SIZE: 24"X24" TILE, INSTALLATION: BRICK	ADMINISTRATIVE/EDUCATION BUILDING: BOARD ROOM 119 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT MEGGHAN HOYT WITH PATCRAFT AT 202-288-5111 OR MEGGHAN.HOYT@PATCRAFT.COM SEE FLOOR PLAN FOR LAYOUT OF TILES = LINEAR DIRECTION OF TILES
TEXTILE COMPOSITE FLOORING	KINETIX KNE-1 BASE: RBASE-P	BASIS OF DESIGN: MANUFACTURER: J+J FLOORING GROUP KINETIX, STYLE: Z FACTOR (1844), COLORS: DIMENSION (2862), FUNCTION (2859) & REPORT (2860), SIZE: 18"X36", INSTALLATION: ASHLAR (33.3% MIX OF EACH COLOR, COLOR DISTRIBUTION TO BE RANDOM)	ADMINISTRATIVE/EDUCATION BUILDING: MULTI-PURPOSE ROOM 129 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT TIM BAUCOM WITH J&J FLOORING AT 919-412-2180 OR TIM.BACUOM@JJFLOORING.COM SEE FLOOR PLAN FOR DIRECTION OF PLANKS
CONCRETE	CONCRETE CON-1 BASE: RBASE-X	BASIS OF DESIGN: SCARIFIED & SEALED CONCRETE, NO STAIN COLOR	ADMINISTRATIVE/EDUCATION BUILDING: ELECTRICAL 132, STORAGE 133, JANITOR 134 & 140, RISER 148 DINING/SHELTER/STORAGE BUILDING: JANITOR 209, IT/SERVER 221, JANITOR 239 & 246, GENERAL STORAGE 247, ELEC 248, RECEIVING 249, TOOLS & EQUIPMENT 250, FACILITIES OFFICE 251, CORRIDOR 252, JANITOR 270, RISER 284 WOMEN'S RESIDENTIAL BUILDING: JANITOR 310, STORAGE 320, IT/SERVER 321, ELECT 322 & RISER 334 MEN'S RESIDENTIAL BUILDING: JANITOR 410, STORAGE 420, IT/SERVER 421, ELECT 422 & RISER 434 DETOX BUILDING: SUPPLIES 512, RISER 533	
VCT	VCT VCT-CM BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, STYLE: IMPERIAL TEXTURE STANDARD EXCELON, COLOR: CLASSIC WHITE (51911), SIZE: 12"X12", INSTALLATION: QUARTER TURN	ADMINISTRATIVE/EDUCATION BUILDING: IT/SERVER 116, SUPPLIES 120 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, DETOX BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM
	VCT VCT-MB BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, STYLE: IMPERIAL TEXTURE STANDARD EXCELON, COLORS: 50% CLASSIC WHITE (51911), 15% MID GRAYED BLUE (51875), 15% GRAYED BLUE (51874), 15% TEAL (51906), 5% LEMON YELLOW (51812) SIZE: 12"X12", INSTALLATION: QUARTER TURN, AND COLORS TO BE DISTRIBUTED RANDOMLY	ADMINISTRATIVE/EDUCATION BUILDING: MEN'S COMMUNITY ROOM 130 & WOMEN'S COMMUNITY ROOM 131 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, DETOX BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM
	VCT VCT-LAV BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, STYLE: PREMIUM EXCELON RAFFIA STREAM WITH DIAMOND 10 TECHNOLOGY COATING, COLOR: AVALANCHE (Z5900), SIZE: 12"X24", INSTALLATION: ASHLAR	DINING/SHELTER/STORAGE BUILDING: WOMEN'S LOBBY 202, STAFF HC TOILET 216, LAUNDRY 218, SUPPLIES 219, BELONGINGS 220, HYGIENE 222, LINENS 223, CORRIDORS 227, 228, 229, 230 & 231, MEN'S LOBBY 254, STAFF HC TOILET 255, LAUNDRY 256, SUPPLIES 257, LINENS 258, HYGIENE 272, BELONGINGS 273, CORRIDORS 279, 280, 281, 282 & 283 NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM SEE FLOOR PLAN FOR DIRECTION OF PLANKS
	VCT VCT-4A BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, STYLE: PREMIUM EXCELON RAFFIA STREAM WITH DIAMOND 10 TECHNOLOGY COATING, COLOR: RAIN (Z5901), SIZE: 12"X24", INSTALLATION: ASHLAR	DINING/SHELTER/STORAGE BUILDING: ALL SHELTER BEDS & ALL PROGRAM BEDS NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM SEE FLOOR PLAN FOR DIRECTION OF PLANKS
	VCT VCT-MO BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, STYLE: PREMIUM EXCELON RAFFIA STREAM WITH DIAMOND 10 TECHNOLOGY COATING, COLOR: MOONLIGHT (Z5934), SIZE: 12"X24", INSTALLATION: ASHLAR	DINING/SHELTER/STORAGE BUILDING: TV ROOMS 217 & 274, STORAGE 275 NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM SEE FLOOR PLAN FOR DIRECTION OF PLANKS
LVT	LUXURY VINYL TILE LVT-1 BASE: RBASE-P	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, COLLECTION: UNBOUND WITH DIAMOND 10 TECHNOLOGY, STYLE: WOVEN IMPRESSIONS, COLOR: COTTON (F0411), SIZE: 36"X36", INSTALLATION: MONOLITHIC	ADMINISTRATIVE/EDUCATION BUILDING: PORTION OF LOBBY 102 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMENS RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM
	LUXURY VINYL TILE LVT-2 BASE: RBASE-P, RBASE-P1, RBASE-P2	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, COLLECTION: UNBOUND WITH DIAMOND 10 TECHNOLOGY, STYLE: URBAN RIDGE, COLOR: CITY SIDEWALK (F0404), SIZE: 36"X36", INSTALLATION: MONOLITHIC	ADMINISTRATIVE/EDUCATION BUILDING: PORTION OF LOBBY 102, VENDING 108, STORAGE 109, CORRIDORS 149 & 150 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMENS RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM
	LUXURY VINYL TILE LVT-3 BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, COLLECTION: PARALLEL 12, COLOR: ARGENT CRV (J8103), SIZE: 6"X48", INSTALLATION: STAGGER	ADMINISTRATIVE/EDUCATION BUILDING: BREAK ROOM 126 WOMEN'S RESIDENTIAL BUILDING: ALL 2-WOMAN HC MENTOR ROOMS, ALL 2-WOMAN MENTOR ROOMS & ALL 2-WOMAN ROOMS MEN'S RESIDENTIAL BUILDING: ALL 2-MAN HC MENTOR ROOMS, ALL 2-MAN MENTOR ROOMS & ALL 2-MAN ROOMS NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM SEE FLOOR PLAN FOR LINEAR DIRECTION PER HATCHING
	LUXURY VINYL TILE LVT-4 BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, COLLECTION: PARALLEL USA 20, STYLE: JACE, COLOR: EBONY GRAY (J5252), SIZE: 18"X18", INSTALLATION: MONOLITHIC (CONTRACTOR TO PROVIDE TEST LAY MOCK-UP FOR APPROVAL PRIOR TO ADHESIVE)	WOMEN'S RESIDENTIAL BUILDING: RECEPTION/LOUNGE 302, LAUNDRY 307, LINENS 311, LAUNDRY 323, CORRIDORS 335 & 336 MEN'S RESIDENTIAL BUILDING: RECEPTION/LOUNGE 402, LAUNDRY 407, LINENS 411, LAUNDRY 423, CORRIDORS 435 & 436 NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, DINING/SHELTER/STORAGE BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM SEE FLOOR PLAN FOR LINEAR DIRECTION OF INSTALL PER HATCHING

NOTE: WHEN ORDERING ANY FINISHES FOR THIS PROJECT, CONFIRM THAT THE LISTED STYLE NAME AND COLOR NAME CORRESPONDS WITH THE LISTED STYLE & COLOR NUMBERS. IF ANY DISCREPANCIES OCCUR PLEASE CONTACT ARCHITECT FOR CLARIFICATION. (919-833-5400 MARK VALAND)

FINISH LEGEND - FLOORING 2 OF 2

FINISH		MATERIAL	LOCATION	NOTES
FLOORING				
PORCELAIN TILE	PORCELAIN TILE TILE-1 BASE: TBASE-1	BASIS OF DESIGN: MANUFACTURER: BEST TILE, BRAND: STONEPEAK, COLLECTION: URBAN 2.0, COLOR: NOVA WHITE, FINISH: HONED, SIZE: 12"X24", INSTALLATION: 1/3 DROP, GROUT: MAPEI KERAPOXY CQ, SILVER (27) ⅛" GROUT OR AS MINIMAL AS POSSIBLE	ADMINISTRATIVE/EDUCATION BUILDING: HC TOILET: 113 & 114, MEN'S HC TOILET 135, WOMEN'S HC TOILET 136 – INSTALL PER TCNA F115 (SEE SPEC SECTION 093013) WOMEN'S RESIDENTIAL BUILDING: HC BATH 303B, BATHS: 304B, 305B, 306B – INSTALL PER TCNA F122 (SEE SPEC SECTION 093013) MEN'S RESIDENTIAL BUILDING: HC BATH 403B, BATHS: 404B, 405B, 406B – INSTALL PER TCNA F122 (SEE SPEC SECTION 093013) NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT NANCY PETERS WITH BEST TILE AT 919-986-6256 OR NPETERS@BESTTILE.COM SEE FLOOR PLAN FOR LINEAR DIRECTION OF INSTALL PER HATCHING PROVIDE SCHLUTER DILEX-AHK COVE-SHAPED TRANSITION WHERE ALL FLOOR TILE MEETS WALL TILE
	PORCELAIN TILE TILE-2 BASE: NOBASE	BASIS OF DESIGN: MANUFACTURER: BEST TILE, BRAND: STONEPEAK, COLLECTION: SKY, COLOR: NIGHTSKY, SIZE: 12"X24", INSTALLATION: 1/3 DROP, GROUT: MAPEI KERAPOXY CQ, CHARCOAL (47) ⅛" GROUT OR AS MINIMAL AS POSSIBLE	WOMEN'S RESIDENTIAL BUILDING: WOMEN'S HC TOILET 308 – INSTALL PER TCNA F122 (SEE SPEC SECTION 093013) MEN'S RESIDENTIAL BUILDING: MEN'S HC TOILET 408 – INSTALL PER TCNS F122 (SEE SPEC SECTION 093013) NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, DINING/SHELTER/STORAGE BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT NANCY PETERS WITH BEST TILE AT 919-986-6256 OR NPETERS@BESTTILE.COM SEE FLOOR PLAN FOR LINEAR DIRECTION OF INSTALL PER HATCHING PROVIDE SCHLUTER DILEX-AHK COVE-SHAPED TRANSITION WHERE ALL FLOOR TILE MEETS WALL TILE
	PORCELAIN MOSAIC TILE TILE-3 BASE: NOBASE	BASIS OF DESIGN: MANUFACTURER: BEST TILE, BRAND: CAESAR CERAMICS USA, STYLE: ORIGIN, COLOR: BOULDER, SIZE: 2"X2" MOSAIC ON 12X12 SHEET, GROUT: MAPEI KERAPOXY CQ, CHARCOAL (47) ⅛" GROUT OR AS MINIMAL AS POSSIBLE	ADMINISTRATIVE/EDUCATION BUILDING: N/A DINING/SHELTER/STORAGE BUILDING: WOMEN'S SHOWERS 226 & MEN'S SHOWERS 278 – INSTALL PER TCNA F114 (SEE SPEC SECTION 093013) WOMEN'S RESIDENTIAL BUILDING: WOMEN'S SHOWER 309 – INSTALL PER TCNA F114 (SEE SPEC SECTION 093013) MEN'S RESIDENTIAL BUILDING: MEN'S SHOWER 409 – INSTALL PER TCNA F114 (SEE SPEC SECTION 093013) DETOX BUILDING: MEN'S SHOWERS 516 & WOMEN'S SHOWERS 532 – INSTALL PER TCNA F114 (SEE SPEC SECTION 093013)	FOR PRODUCT QUESTIONS PLEASE CONTACT NANCY PETERS WITH BEST TILE AT 919-986-6256 OR NPETERS@BESTTILE.COM PROVIDE SCHLUTER DILEX-AHK COVE-SHAPED TRANSITION WHERE ALL FLOOR TILE MEETS WALL TILE
WALK-OFF	WALK-OFF TILE WALK-1 BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: PATCRAFT, STYLE: ACCESS (10533), COLOR: PASSAGE (00500), SIZE: 24"X24" TILE, INSTALLATION: MONOLITHIC	ADMINISTRATIVE/EDUCATION BUILDING: VESTIBULE 101, ENTRY 110 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT MEGGHAN HOYT WITH PATCRAFT AT 202-288-5111 OR MEGGHAN.HOYT@PATCRAFT.COM
	WALK-OFF TILE WALK-2 BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: PATCRAFT, STYLE: MOVING (10536), COLOR: STROLL (00540), SIZE: 24"X24" TILE, INSTALLATION: MONOLITHIC	WOMEN'S RESIDENTIAL BUILDING: ENTRY 301 MEN'S RESIDENTIAL BUILDING: ENTRY 401 DETOX BUILDING: LOBBY 501, LOBBY 511 & CORRIDOR 534 NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, DINING/SHELTER/STORAGE BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT MEGGHAN HOYT WITH PATCRAFT AT 202-288-5111 OR MEGGHAN.HOYT@PATCRAFT.COM
	PEDIMAT SYSTEM PED-1 BASE: RBASE-X	BASIS OF DESIGN: MANUFACTURER: CONSTRUCTION SPECIALTIES, STYLE: PEDIMAT M1 3/4" LEVEL BASE, MONOTUFT HD THREAD, COLOR: ANTHRACITE	DINING/SHELTER/STORAGE BUILDING: WOMEN'S ENTRY 201, DINING ENTRY 232, MEN'S ENTRY 253 NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	SEE 03/A-203 FOR PEDIMAT DETAILS
SHEET VINYL	SHEET VINYL SV-SG BASE: SVBASE1	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, STYLE: MEDINTECH WITH DIAMOND 10 TECHNOLOGY, COLOR: SILVER GRAY (84197), HOMOGENOUS SHEET	ADMINISTRATIVE/EDUCATION BUILDING: WAITING ROOM 137, IT ROOM 138, CLOSET 145, HC TOILET 146, CORRIDORS 157 & 158 DETOX BUILDING: RECEPTION/STAFF 502, PORTIONS OF MEN'S DETOX SUITE 503, FILES 504, SOILED LINEN 505, CONSULTATION 508, IT/SERVER 509, STAFF 510, LINENS 513, RECEPTION/STAFF 520, PORTIONS OF WOMEN'S DETOX SUITE 521, FILES 522, SOILED LINEN 523, CONSULTATION 526, STAFF 527, LINEN 528, SUPPLIES 529 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING	SEE FLOOR PLAN FOR COLOR LOCATIONS WHERE NOTED AS "PORTIONS OF" AREAS FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM
	SHEET VINYL SV-GD BASE: SVBASE2	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, STYLE: MEDINTONE WITH DIAMOND 10 TECHNOLOGY, COLOR: NATURAL GRAY DARK (H5306), HOMOGENOUS SHEET	ADMINISTRATIVE/EDUCATION BUILDING: CLINIC OFFICE 139 & PHARMACY/SUPPLIES 147 DETOX BUILDING: SECTIONED BED AREAS (SEE FLOOR PLAN FOR LAYOUTS) IN MEN'S DETOX SUITE 503 & WOMEN'S DETOX SUITE 521 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING	
	SHEET VINYL SV-BM BASE: SVBASE2	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, STYLE: MEDINTONE WITH DIAMOND 10 TECHNOLOGY, COLOR: GRAYED BLUE MID (H5329), HOMOGENOUS SHEET	ADMINISTRATIVE/EDUCATION BUILDING: TRIAGE 142, EXAM 143, EXAM 144 DETOX BUILDING: LOUNGE 507, STAFF TOILET 517, JANITOR 518, LAUNDRY 519, LOUNGE 525, STAFF CORRIDOR 531 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING	
POURED FLOOR	POURED FLOOR FDQLT-1 BASE: PCBASE	BASIS OF DESIGN: MANUFACTURER: DUR-A-FLEX, STYLE: POLY-CRETE MDB, COLOR: BLUE (TF-PLUS BLUE), FINISH: MATTE	DINING/SHELTER/STORAGE BUILDING: SCULLERY 241, KITCHEN 242, CHEF 243, DRY STORAGE 244, WALK-IN COOLER/FREEZER 245 NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT WEB STOKES WITH DUR-A-FLEX AT 804-370-9321 OR WEBS@DUR-A-FLEX.COM
	POURED FLOOR HYBRID-1 BASE: HFBASE1, HFBASE2	BASIS OF DESIGN: MANUFACTURER: DUR-A-FLEX, STYLE: HYBRI-FLEX EC, COLOR: PEWTER (1) DUR-A-GLAZE #4 TOPCOAT ARMOR TOP GLOSS	DINING/SHELTER/STORAGE BUILDING: WOMEN'S LAVATORIES 224, WOMEN'S HC TOILETS 225, FOYER 233, SERVING LINE 234, VESTIBULE 235, WOMEN'S HC TOILET 236, VESTIBULE 237, MEN'S HC TOILET 238, DINING 240, MEN'S LAVATORIES 276, MEN'S HC TOILETS 277 DETOX BUILDING: VESTIBULE 514, MEN'S HC TOILET 515, VESTIBULE 530, WOMEN'S HC TOILET 531 NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING	FOR PRODUCT QUESTIONS PLEASE CONTACT WEB STOKES WITH DUR-A-FLEX AT 804-370-9321 OR WEBS@DUR-A-FLEX.COM

NOTE: WHEN ORDERING ANY FINISHES FOR THIS PROJECT, CONFIRM THAT THE LISTED STYLE NAME AND COLOR NAME CORRESPONDS WITH THE LISTED STYLE & COLOR NUMBERS. IF ANY DISCREPANCIES OCCUR PLEASE CONTACT ARCHITECT FOR CLARIFICATION. (919-833-5400 MARK VALAND)

FINISH LEGEND - BASE

FINISH		MATERIAL	LOCATION	NOTES
BASE				
RUBBER BASE	RUBBER BASE RBASE-X	BASIS OF DESIGN: BRAND: ROPPE, COLOR: TBD, HEIGHT: 4" COVE	SEE FLOOR PLAN	
	RUBBER BASE RBASE-P	BASIS OF DESIGN: BRAND: ROPPE, CONTOURS PROFILED WALL BASE SYSTEM, STYLE: VERTICAL (#65), COLOR: TBD, HEIGHT: 6"	ADMINISTRATIVE/EDUCATION BUILDING ONLY: LOBBY 102, MULTI-PURPOSE ROOM 129, CORRIDOR 149 & 150	
TILE BASE	TILE BASE TBASE-1	BASIS OF DESIGN: MANUFACTURER: BEST TILE, BRAND: STONEPEAK, COLLECTION: URBAN 2.0, COLOR: NOVA WHITE, FINISH: HONED, SIZE: 6"X12" COVE, GROUT: MAPEI KERAPOXY CQ, SILVER (27)	ANYWHERE TILE-1 IS INSTALLED; EXCEPT WHERE WET WALL TILE IS TO BE INSTALLED, PROVIDE SCHLUTER AS INDICATED IN TILE-1	
INTEGRAL BASE	POURED FLOOR BASE PCBASE	BASIS OF DESIGN: MANUFACTURER: DUR-A-FLEX, STYLE: PCMD-22 COVE BASE WITH ZINC COVE STRIP FOR POLY-CRETE MDB, HEIGHT: 4", COLOR: TO MATCH FLOORING	ANYWHERE POLY-1 IS INSTALLED	SEE 01/A-203 FOR BASE DETAILS FOR PRODUCT QUESTIONS PLEASE CONTACT WEB STOKES WITH DUR-A-FLEX AT 804-370-9321 OR WEBS@DUR-A-FLEX.COM
	POURED FLOOR BASE HFBASE1	BASIS OF DESIGN: MANUFACTURER: DUR-A-FLEX, STYLE: HF-9 COVE BASE WITH ZINC COVE STRIP FOR HYBRI-FLEX, HEIGHT: 4", COLOR: TO MATCH FLOORING	ANYWHERE HYBRI-1 IS INSTALLED; EXCEPT WHERE WET WALL TILE IS TO BE INSTALLED	
	POURED FLOOR BASE HFBASE2	BASIS OF DESIGN: MANUFACTURER: DUR-A-FLEX, STYLE: HF-11 COVE BASE (BUILT OUT WALL) FOR HYBRI-FLEX WITH SCHLUTER STRIP, HEIGHT: 4", COLOR: TO MATCH FLOORING	ANYWHERE HYBRI-1 IS INSTALLED WITH A WET WALL TILE	
	SHEET VINYL BASE SVBASE1	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, STYLE: MEDINTECH WITH DIAMOND 10 TECHNOLOGY, COLOR: MATCH ADJACENT FLOOR COLOR, HEAT WELDED & FLASHED UP WALL 4" WITH VINYL CAP	ANYWHERE SV-SG IS INSTALLED	FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM
	SHEET VINYL BASE SVBASE2	BASIS OF DESIGN: MANUFACTURER: ARMSTRONG, STYLE: MEDINTONE WITH DIAMOND 10 TECHNOLOGY, COLOR: MATCH ADJACENT FLOOR COLOR, HEAT WELDED & FLASHED UP WALL 4" WITH VINYL CAP	ANYWHERE SV-GD AND SV-BM ARE INSTALLED	FOR PRODUCT QUESTIONS PLEASE CONTACT KAYLA SADLER WITH ARMSTRONG AT 919-410-9707 OR KRSADLER@ARMSTRONGFLOORING.COM
NO BASE	NO BASE NOBASE	BASIS OF DESIGN: NO BASE IS REQUIRED; SEE SCHLUTER REQUIREMENTS FOR TILE IN TILE SPECIFICATIONS	SEE FLOOR PLAN	
TRANSITION STRIPS	RUBBER TRANSITION ●R	BASIS OF DESIGN: ROPPE RUBBER TRANSITION STRIP, COLOR TBD	SEE ALL FLOOR FINISH PLANS AT DOOR THRESHOLDS/FLOORING CHANGES FOR REQUIRED TRANSITION	
	SCHLUTER TRANSITION ●S	BASIS OF DESIGN: SCHLUTER, STYLE TBD BY FLOORING CONTRACTOR		
	WELDED ROD TRANSITION ●W	BASIS OF DESIGN: ARMSTRONG FLOORING, MEDINTECH WITH DIAMOND 10 TECHNOLOGY, SILVER GRAY WELD ROD (WP197)		
	METAL EDGE TRANSITION ●M1	BASIS OF DESIGN: TARKETT, METAL EDGE, STYLE 001, COLOR: TBD		
	METAL EDGE TRANSITION ●M2	BASIS OF DESIGN: TARKETT, METAL EDGE, STYLE T02, COLOR: TBD		
	HYBRIFLEX TRANSITION ●H1	BASIS OF DESIGN: DUR-A-FLEX, HYBRIFLEX TRANSITION, METAL DIVIDER STRIP, REFERENCE MANUFACTURER DETAIL HF-2		SEE 02/A-203 FOR TRANSITION DETAILS FOR PRODUCT QUESTIONS PLEASE CONTACT WEB STOKES WITH DUR-A-FLEX AT 804-370-9321 OR WEBS@DUR-A-FLEX.COM
	HYBRIFLEX TRANSITION ●H2	BASIS OF DESIGN: DUR-A-FLEX, HYBRIFLEX TRANSITION, METAL DIVIDER STRIP, REFERENCE MANUFACTURER DETAIL HF-2A		
	HYBRIFLEX TRANSITION ●H2	BASIS OF DESIGN: DUR-A-FLEX, HYBRIFLEX TRANSITION, NO DIVIDER STRIP REQUIRED, REFERENCE MANUFACTURER DETAIL HF-17		
	NO TRANSITION REQUIRED ●N	BASIS OF DESIGN: NO TRANSITION IS REQUIRED		

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isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project
THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client
NEW HANOVER COUNTY, NORTH CAROLINA

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Key Plan

Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMNG

Sheet Title
FLOORING FINISH LEGEND

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number
A-201

FINISH LEGEND - WALLS & SURFACES 1 OF 2

	FINISH	MATERIAL	LOCATION	NOTES
WALLS				
PAINT	FIELD PAINT PAINT-1	BASIS OF DESIGN: SHERWIN WILLIAMS, LATEX PAINT, COLOR TBD PRIME ANY CMU BLOCK WALLS WITH BLOCK FILLER PRIMER PRIOR TO PAINTING	SEE FLOOR PLANS	-ALL GYP BOARD WALLS IN ADMINISTRATIVE/EDUCATION BUILDING TO HAVE FLAT FINISH PAINT, U.N.O -ALL GYP BOARD WALLS IN ALL OTHER BUILDINGS TO HAVE EGGSHELL FINISH PAINT, U.N.O -ALL CMU BLOCK WALLS TO HAVE SEMI-GLOSS FINISH PAINT, U.N.O
	FIELD PAINT PAINT-2	BASIS OF DESIGN: SHERWIN WILLIAMS, PRO INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY PAINT, COLOR TBD, EG-SHEL FINISH FOR GYP BOARD WALLS, SEMI-GLOSS FINISH FOR CMU BLOCK WALL (PRIME ANY CMU BLOCK WALLS WITH BLOCK FILLER PRIMER PRIOR TO PAINTING)	SEE FLOOR PLANS (IN ALL RESTROOMS AMONGST ALL BUILDINGS & RECEIVING AREA OF DINING/SHELTER/STORAGE BUILDING)	
	ACCENT PAINT APX	BASIS OF DESIGN: SHERWIN WILLIAMS, LATEX PAINT, COLOR TBD PRIME ANY CMU BLOCK WALLS WITH BLOCK FILLER PRIMER PRIOR TO PAINTING	SEE FLOOR PLANS	-ALL GYP BOARD WALLS IN ADMINISTRATIVE/EDUCATION BUILDING TO HAVE FLAT FINISH PAINT, U.N.O -ALL GYP BOARD WALLS IN ALL OTHER BUILDINGS TO HAVE EGGSHELL FINISH PAINT, U.N.O -ALL CMU BLOCK WALLS TO HAVE SEMI-GLOSS FINISH PAINT, U.N.O
ADVANCED WALL PROTECTION	ADVANC. WALL PROTECTION AWP-1	BASIS OF DESIGN: MANUFACTURER: PJTEC, PATTERN: SIMPLICITY, COLOR: BLACK METAL, ITEM NUMBER: PJT-60076	DETOX BUILDING ONLY: ENTIRE FACADE OF RECEPTION DESKS IN RECEPTION/STAFF 502 & 520	-FOR PRODUCT QUESTIONS PLEASE CONTACT LAURA SKINNER WITH MOMENTUM AT 336-209-7126 OR LSKINNER@MOMTEX.COM
STAINLESS STEEL PANELS	STAINLESS STEEL PANELS SSP-1	BASIS OF DESIGN: MANUFACTURER: STAINLESS SUPPLY, A JW METAL PRODUCTS COMPANY, 304 STAINLESS STEEL SHEET PANELS & COORDINATING TRIM MOLDING (#4 BRUSHED FINISH), THICKNESS: TBD	DINING/SHELTER/STORAGE BUILDING ONLY: SCULLERY 241, TRIM OPENING TO DINING 240 SEE DETAIL 03/A-505	
FIBERGLASS REINFORCED PLASTIC	FIBERGLASS REINFORCED PLASTIC FRP-1	BASIS OF DESIGN: MANUFACTURER: CRANE COMPOSITES, STYLE: SEQUENTIA TRADITIONAL WALL PANELS, COLOR: WHITE, EMBOSSED FINISH	DINING/SHELTER/STORAGE BUILDING ONLY: KITCHEN 242 & CHEF 243	
WET WALL TILE	WET WALL TILE WTILE-1	BASIS OF DESIGN: MANUFACTURER: BEST TILE, BRAND: CAESAR CERAMICS USA, STYLE: ORIGIN, COLOR: ARCTIC, SIZE: 12"X24", INSTALLATION: 1/3 DROP, GROUT: MAPEI, PEWTER (02)	ADMINISTRATIVE/EDUCATION BUILDING: N/A DINING/SHELTER/STORAGE BUILDING: ALL WALLS FLOOR TO CEILING: WOMEN'S SHOWERS 226, MEN'S SHOWERS 278 INSTALL PER TCNA W221 & ANSI A108.1A (SEE SPEC SECTION 093013) WOMEN'S RESIDENTIAL BUILDING: ALL WALLS FLOOR TO CEILING: WOMEN'S HC TOILET 308, WOMEN'S SHOWER 309 – INSTALL PER TCNA W244F (SEE SPEC SECTION 093013) MEN'S RESIDENTIAL BUILDING: ALL WALLS FLOOR TO CEILING: MEN'S HC TOILET 408, MEN'S SHOWER 409 – INSTALL PER TCNA W244F (SEE SPEC SECTION 093013) DETOX BUILDING: ALL WALLS FLOOR TO CEILING: MEN'S SHOWER 516 & WOMEN'S SHOWERS 532 – INSTALL PER TCNA W221 & ANSI A108.1A (SEE SPEC SECT. 093013)	-FOR PRODUCT QUESTIONS PLEASE CONTACT NANCY PETERS WITH BEST TILE AT 919-986-6256 OR NPETERS@BESTTILE.COM -ALL WALL TILE TO EXTEND FROM FINISHED FLOOR TO CEILING -PROVIDE SCHLUTER DILEX-AHK COVE-SHAPED TRANSITION AT ALL WALL/FLOOR TILE INTERSECTIONS AT ALL INTERSECTING PLAINS (HORIZONTAL & VERTICAL). PROVIDE CORRESPONDING OUTSIDE CORNER PIECE FOR ALL EXPOSED WALL TILE CORNERS. FINISH: SATIN ANODIZED ALUMINUM
	WET WALL TILE WTILE-2	BASIS OF DESIGN: MANUFACTURER: BEST TILE, BRAND: STONEPEAK, COLLECTION: SKY, COLOR: GREENSKY, SIZE: 12"X24" DESIGN 4 MOSAIC, GROUT: MAPEI, SAHARA BEIGE (11)	ADMINISTRATIVE/EDUCATION BUILDING: FLOOR TO CEILING ACCENT WALLS IN: MEN'S HC TOILET 135, WOMEN'S HC TOILET 136 – INSTALL PER TCNA W244F (SEE SPEC. SECTION 093013) NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	-FOR PRODUCT QUESTIONS PLEASE CONTACT NANCY PETERS WITH BEST TILE AT 919-986-6256 OR NPETERS@BESTTILE.COM -ALL WALL TILE TO EXTEND FROM FINISHED FLOOR TO CEILING -PROVIDE SCHLUTER DILEX-AHK COVE-SHAPED OUTSIDE CORNER PIECE FOR ALL EXPOSED WALL TILE CORNERS. FINISH: SATIN ANODIZED ALUMINUM
	WET WALL TILE WTILE-3	BASIS OF DESIGN: MANUFACTURER: BEST TILE, BRAND: STONEPEAK, COLLECTION: SKY, COLOR: NIGHTSKY, SIZE: 12"X24", INSTALLATION: 1/3 DROP, GROUT: MAPEI, CHARCOAL (47)	DINING/SHELTER/STORAGE BUILDING: FLOOR TO CEILING ACCENT WALLS IN: SERVING LINE 234, WOMEN'S HC TOILET 236 & MEN'S HC TOILET 238 – INSTALL PER TCNA W244F (SEE SPEC SECTION 093013) NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	-FOR PRODUCT QUESTIONS PLEASE CONTACT NANCY PETERS WITH BEST TILE AT 919-986-6256 OR NPETERS@BESTTILE.COM -ALL WALL TILE TO EXTEND FROM FINISHED FLOOR TO CEILING -PROVIDE SCHLUTER DILEX-AHK COVE-SHAPED TRANSITION AT ALL WALL/FLOOR TILE INTERSECTIONS AT ALL INTERSECTING PLAINS (HORIZONTAL & VERTICAL). PROVIDE CORRESPONDING OUTSIDE CORNER PIECE FOR ALL EXPOSED WALL TILE CORNERS. FINISH: SATIN ANODIZED ALUMINUM
DOORS	FINISH	MATERIAL	LOCATION	NOTES
PAINT	HM FRAME PAINT	BASIS OF DESIGN: SHERWIN WILLIAMS, LATEX PAINT, ALYKD PRIMER, COLOR TBD, SEMI-GLOSS FINISH	ALL HM DOOR FRAMES IN DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING & DETOX BUILDING	
CEILINGS	FINISH	MATERIAL	LOCATION	NOTES
CEILING/SOFFITS	GYP BD CLG/ SOFFIT PAINT	BASIS OF DESIGN: THROUGHOUT: SHERWIN WILLIAMS, LATEX PAINT, COLOR TBD, FLAT FINISH RESTROOM SOFFITS: SHERWIN WILLIAMS, PRO INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY PAINT, COLOR TBD, EG-SHEL FINISH	SEE CEILING PLAN FOR GYP BOARD CEILING & SOFFIT LOCATIONS	
STALLS	FINISH	MATERIAL	LOCATION	NOTES
RESTROOM STALL PARTITIONS	TOILET STALL PARTITIONS STALL-1	BASIS OF DESIGN: BRAND: SCRANTON PRODUCTS, HINY HIDERS, COLOR: SHALE, TEXTURE: ORANGE PEEL	ADMINISTRATIVE BUILDING: MEN'S HC TOILET 135 & WOMEN'S HC TOILET 136 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	
	TOILET/SHOWER STALL PARTITIONS STALL-2	BASIS OF DESIGN: BRAND: SCRANTON PRODUCTS, HINY HIDERS, COLOR: SANDCASTLE, TEXTURE: ORANGE PEEL	ADMINISTRATIVE/EDUCATION BUILDING: N/A DINING/SHELTER/STORAGE BUILDING: WOMEN'S HC TOILET 225, WOMEN'S SHOWERS 226, WOMEN'S HC TOILET 236, MEN'S HC TOILET 238, MEN'S HC TOILET 277, MEN'S SHOWERS 278 WOMEN'S RESIDENTIAL BUILDING: WOMEN'S HC TOILET 308, WOMEN'S SHOWER 309 MEN'S RESIDENTIAL BUILDING: MEN'S HC TOILET 408, MEN'S SHOWER 409 DETOX BUILDING: MEN'S HC TOILET 515, WOMEN'S HC TOILET 531	

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FINISH LEGEND - BLINDS

	FINISH	MATERIAL	LOCATION	NOTES
BLINDS				
BLINDS	HORIZONTAL LOUVER BLINDS	SEE PROJECT MANUAL FOR HORIZONTAL LOUVER BLINDS	THROUGHOUT AT ALL WINDOW LOCATIONS, U.N.O	
	ROLLER WINDOW SHADES	SEE PROJECT MANUAL FOR ROLLER WINDOW SHADES	AT WINDOW LOCATIONS IN ADMINISTRATIVE BUILDING MULTI-PURPOSE ROOM 129 AND BOARD ROOM 119 ONLY	

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FINISH LEGEND - WALLS & SURFACES 2 OF 2

	FINISH	MATERIAL	LOCATION	NOTES
MILLWORK				
PLAM	PLASTIC LAMINATE PLAM-1	BASIS OF DESIGN: MANUFACTURER: WILSONART, COLOR: CRISP LINEN (4942-38) FINE VELVET FINISH	ADMINISTRATIVE/EDUCATION BUILDING: BASE & UPPER CABINETS IN VENDING 108, SHELVES IN CLOSET 145 DINING/SHELTER/STORAGE BUILDING: BASE CABINETS IN LAUNDRY 218 & 256, SHELVES IN SUPPLIES 219, BELONGINGS 220, HYGIENE 222, LINENS 223, SUPPLIES 257, LINENS 258, HYGIENE 272, BELONGINGS 273, STORAGE 275 WOMEN'S RESIDENTIAL BUILDING: SHELVES IN ALL 2-WOMAN HC ROOMS, ALL 2-WOMAN MENTOR ROOMS, ALL 2-WOMAN ROOMS, LINENS 311 BASE CABINETS IN LAUNDRY 307 & LAUNDRY 323 MEN'S RESIDENTIAL BUILDING: SHELVES IN ALL 2-MAN HC ROOMS, ALL 2-MAN MENTOR ROOMS, ALL 2-MAN ROOMS, LINENS 411 BASE CABINETS IN LAUNDRY 407 & LAUNDRY 423 DETOX BUILDING: BASE CABINETS IN STAFF 510, STAFF 527. BASE & UPPER CABINETS IN MEN'S DETOX SUITE 503 & WOMEN'S DETOX SUITE 521, SHELVES IN LINENS 513 & 528	-SEE FLOOR PLAN FOR LOCATION -SEE MILLWORK DETAILS PVC EDGEBANDING TO MATCH COUNTERTOP TO BE PROVIDED AT ALL COUNTERTOPS THROUGHOUT DETOX BUILDING & AT ALL LAUNDRY ROOM LOCATIONS ARCHITECT TO APPROVE COLOR -ALL OTHER PLAM COUNTERTOPS TO HAVE MATCHING PLAM EDGES
	PLASTIC LAMINATE PLAM-2	BASIS OF DESIGN: MANUFACTURER: PANOLAM, COLOR: STORM GRAY (HP565-SD) TEXTURED/SUEDE FINISH	ADMINISTRATIVE/EDUCATION BUILDING: COUNTERTOP IN VENDING 108, DRAWER STACKS IN RECEPTION 111 DINING/SHELTER/STORAGE BUILDING: DRAWER STACKS IN RECEPTION DESK IN WOMEN'S LOBBY 202 & MEN'S LOBBY 254, COUNTERTOPS IN LAUNDRY 218 & LAUNDRY 256 WOMEN'S RESIDENTIAL BUILDING: DRAWERS OF RECEPTION DESK IN RECEPTION/LOUNGE 302, COUNTERTOP IN LAUNDRY 307 & LAUNDRY 323 MEN'S RESIDENTIAL BUILDING: DRAWERS OF RECEPTION DESK IN RECEPTION/LOUNGE 402, COUNTERTOP IN LAUNDRY 407 & LAUNDRY 423 DETOX BUILDING: N/A	
	PLASTIC LAMINATE PLAM-3	BASIS OF DESIGN: MANUFACTURER: WILSONART, COLOR: LINEN (D427-60) MATTE FINISH	ADMINISTRATIVE/EDUCATION BUILDING: COUNTERTOPS IN RECEPTION 111, CLINIC OFFICE 139, TRIAGE 142, EXAM 143, EXAM 144, PHARMACY/SUPPLIES 147. SINK APRON IN HC MEN'S TOILET 135, SECONDARY COUNTER & SINK APRON IN HC WOMEN'S TOILET 136. DRAWER STACKS IN CLINIC OFFICE 139 DINING/SHELTER/STORAGE BUILDING: COUNTERTOP ON RECEPTION DESK IN WOMEN'S LOBBY 202 & MEN'S LOBBY 254, WOMEN'S LAVATORIES 224 & MEN'S LAVATORIES 276 WOMEN'S RESIDENTIAL BUILDING: COUNTERTOP OF RECEPTION DESK IN RECEPTION/LOUNGE 302, COUNTERTOP OF RECESSED BOOK SHELF IN 2-WOMAN ROOM 313-319 (SEE ELEV 18/A-506) MEN'S RESIDENTIAL BUILDING: COUNTERTOP OF RECEPTION DESK IN RECEPTION/LOUNGE 402, COUNTERTOP OF RECESSED BOOK SHELF IN 2-MAN ROOM 413-419 (SEE ELEV 18/A-506) DETOX BUILDING: DRAWERS IN RECEPTION DESKS IN RECEPTION/STAFF 502 & 520	
	PLASTIC LAMINATE PLAM-4	BASIS OF DESIGN: MANUFACTURER: WILSONART, COLOR: ITALIAN SILVER ASH (8217K-16) CASUAL RUSTIC FINISH	ADMINISTRATIVE/EDUCATION BUILDING: ENTIRE FACADE OF DESK & UPPER CABINETS IN RECEPTION 111 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	
	PLASTIC LAMINATE PLAM-5	BASIS OF DESIGN: MANUFACTURER: FORMICA, COLOR: WHITE DROPS (8824-58) MATTE FINISH	ADMINISTRATIVE/EDUCATION BUILDING: COUNTERTOP IN COPY 121 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	
	PLASTIC LAMINATE PLAM-6	BASIS OF DESIGN: MANUFACTURER: PIONITE, COLOR: NEGOTIATING IN GENEVA (PFA60SD) TEXTURED SUEDE FINISH	ADMINISTRATIVE/EDUCATION BUILDING: BASE & UPPER CABINETS IN COPY 121 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	
	PLASTIC LAMINATE PLAM-7	BASIS OF DESIGN: MANUFACTURER: WILSONART, COLOR: PHANTOM CHARCOAL (8214K-28) GLOSS LINE FINISH	ADMINISTRATIVE/EDUCATION BUILDING: BASE CABINETS IN BOARD ROOM 119, BASE & UPPER CABINETS IN BREAK ROOM 126 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	
	PLASTIC LAMINATE PLAM-8	BASIS OF DESIGN: MANUFACTURER: WILSONART, COLOR: HIGH RISE (4996-38) FINE VELVET FINISH	ADMINISTRATIVE/EDUCATION BUILDING: BASE & UPPER CABINETS IN CLINIC OFFICE 139, TRIAGE 142, EXAM 143 & EXAM 144, PHARMACY/SUPPLIES 147 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	
	PLASTIC LAMINATE PLAM-9	BASIS OF DESIGN: MANUFACTURER: FORMICA, COLOR: PALOMA POLAR (6698-58), MATTE FINISH	ADMINISTRATIVE/EDUCATION BUILDING: COUNTERTOP IN CLINIC OFFICE 139 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	
	PLASTIC LAMINATE PLAM-10	BASIS OF DESIGN: MANUFACTURER: FORMICA, COLOR: AGED ASH (8844-WR), WOODBRUSH FINISH	DINING/SHELTER/STORAGE BUILDING: ENTIRE FACADE OF RECEPTION DESKS IN WOMEN'S LOBBY 202 & MEN'S LOBBY 254, SHELF IN ALL PROGRAM/SHELTER BEDS WOMEN'S RESIDENTIAL BUILDING: ENTIRE FACADE OF RECEPTION DESK IN RECEPTION/LOUNGE 302 MEN'S RESIDENTIAL BUILDING: ENTIRE FACADE OF RECEPTION DESK IN RECEPTION/LOUNGE 402 NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, DETOX BUILDING	
	PLASTIC LAMINATE PLAM-11	BASIS OF DESIGN: MANUFACTURER: PIONITE, COLOR: DAYDREAMING (AG750-SD) TEXTURED/SUEDE FINISH	WOMEN'S RESIDENTIAL BUILDING: BASE CABINETS IN BATHS 304B, 305B, 306B, APRON IN BATH 303B MEN'S RESIDENTIAL BUILDING: BASE CABINETS IN BATHS 404B, 405B, 406B, APRON IN BATH 403B NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, DINING/SHELTER/STORAGE BUILDING, DETOX BUILDING	
	PLASTIC LAMINATE PLAM-12	BASIS OF DESIGN: MANUFACTURER: PIONITE, COLOR: PEARL OF THE ORIENT (AG601-SD) TEXTURED/SUEDE FINISH	DETOX BUILDING: COUNTERTOPS OF RECEPTION DESKS IN RECEPTION/STAFF 502 & 520, COUNTERTOPS IN MEN'S DETOX SUITE 503, STAFF 510, WOMEN'S DETOX SUITE 521, STAFF 527 NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING	
QUARTZ	QUARTZ QUA-1	BASIS OF DESIGN: BRAND: METRO QUARTZ, COLOR: GREY PEARL (M4026)	ADMINISTRATIVE/EDUCATION BUILDING: TRANSACTION TOP IN RECEPTION 111 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	-SEE FLOOR PLAN FOR LOCATION -SEE MILLWORK DETAILS
	QUARTZ QUA-2	BASIS OF DESIGN: BRAND: WILSONART, COLOR: SALAR (Q4028)	ADMINISTRATIVE/EDUCATION BUILDING: COUNTERTOP IN BOARD ROOM 119 & BREAK ROOM 126 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	-SEE FLOOR PLAN FOR LOCATION -SEE MILLWORK DETAILS
	QUARTZ QUA-3	BASIS OF DESIGN: BRAND: METRO QUARTZ, COLOR: FORTRESS HONED (M8021)	ADMINISTRATIVE/EDUCATION BUILDING: COUNTERTOP IN HC MEN'S TOILET 135 & HC WOMEN'S TOILET 136 NOT APPLICABLE TO: DINING/SHELTER/STORAGE BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	-SEE FLOOR PLAN FOR LOCATION -SEE MILLWORK DETAILS
	QUARTZ QUA-4	BASIS OF DESIGN: BRAND: METRO QUARTZ, COLOR: CEMENT (M3015)	DINING/SHELTER/STORAGE BUILDING: TRANSACTION TOP AT RECEPTION DESKS IN WOMEN'S LOBBY 202 & MEN'S LOBBY 254 NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, WOMEN'S RESIDENTIAL BUILDING, MEN'S RESIDENTIAL BUILDING, DETOX BUILDING	-SEE FLOOR PLAN FOR LOCATION -SEE MILLWORK DETAILS
	QUARTZ QUA-5	BASIS OF DESIGN: BRAND: HANSTONE QUARTZ, COLOR: FUSION (MV623)	WOMEN'S RESIDENTIAL BUILDING: TRANSACTION TOP AT RECEPTION DESK IN RECEPTION/LOUNGE 302 MEN'S RESIDENTIAL BUILDING: TRANSACTION TOP AT RECEPTION DESK IN RECEPTION/LOUNGE 402 NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, DINING/SHELTER/STORAGE BUILDING, DETOX BUILDING	-SEE FLOOR PLAN FOR LOCATION -SEE MILLWORK DETAILS
	QUARTZ QUA-6	BASIS OF DESIGN: BRAND: DUPONT ZODIAQ, COLOR: CLOUD WHITE	WOMEN'S RESIDENTIAL BUILDING: COUNTERTOP IN BATHS 303B, 304B, 305B, 306B MEN'S RESIDENTIAL BUILDING: COUNTERTOP IN BATHS 403B, 404B, 405B, 406B NOT APPLICABLE TO: ADMINISTRATIVE/EDUCATION BUILDING, DINING/SHELTER/STORAGE BUILDING, DETOX BUILDING	-SEE FLOOR PLAN FOR LOCATION -SEE MILLWORK DETAILS

NOTE: WHEN ORDERING ANY FINISHES FOR THIS PROJECT, CONFIRM THAT THE LISTED STYLE NAME AND COLOR NAME CORRESPONDS WITH THE LISTED STYLE & COLOR NUMBERS. IF ANY DISCREPANCIES OCCUR PLEASE CONTACT ARCHITECT FOR CLARIFICATION. (919-833-5400 MARK VALAND)

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ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
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Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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Key Plan

Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

WALLS & SURFACES FINISH LEGEND

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-202

9/23/2020 2:55 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-202 - CD Walls & Surfaces Finish Schedules.dwg

PEDIMAT WITH RECESSED LEVEL BASE FRAME

INSERT STYLE:	INSERT COLOR: PLEASE ADVISE	CATALOG NUMBER: M1	PART NUMBER:

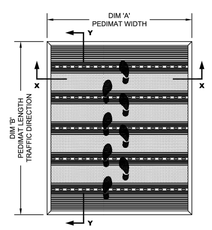
NO.	REVISION	DATE	BY
NO.	F&F RELEASE	DATE	BY

EXTENDED TRAFFIC WEAR TRANSITION

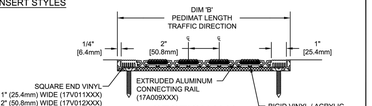
HEAVY-DUTY TRAFFIC WEAR

RUBBER BACKED TRANSITION-BLACK

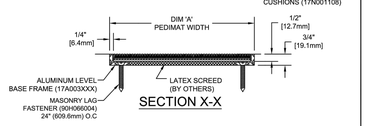
PEDIMAT INSERT STYLES



TYPICAL PLAN VIEW



SECTION Y-Y



SECTION X-X

NOTES:

*ALL SURFACES IN CONTACT WITH MASONRY ARE TO RECEIVE A COAT OF ZINC CHROMATE PRIMER

*PLEASE VERIFY TRAFFIC DIRECTION

*PEDIMAT SHALL BE ABLE TO SUPPORT A 300 LB. ROLLING LOAD. LARGER LOADING MAY BE ACCOMODATED. CONTACT C/S SALES WITH SPECIFIC LOADING REQUIREMENTS.

*MAX. SINGLE GRID SIZE NOT TO EXCEED 12'-0" (3.66M) IN WIDTH (DIM "A") OR 100 SQUARE FEET

*ADDITIONAL SPECIFICATIONS ARE CONTAINED IN THE LATEST C/S CATALOG OR AT C-SGROUP.COM AND ARE CONSIDERED PART OF THIS TRANSMITTAL.

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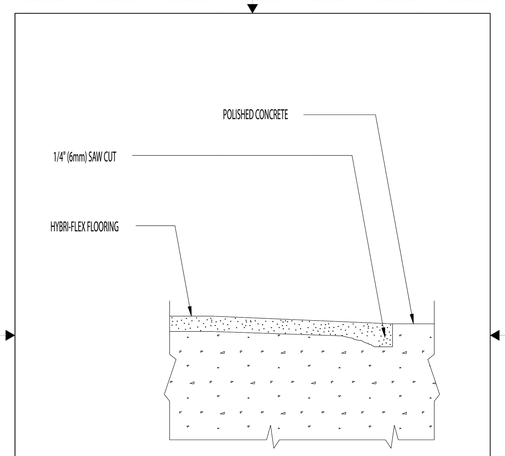
PLEASE VERIFY ALL

QTY	MARK #	LOCATION	MODEL	DIM 'A' WIDTH	DIM 'B' LENGTH	FINISH	NOTES

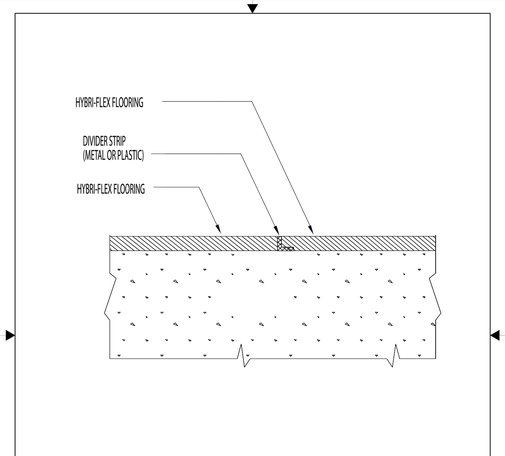
PROJECT:
LOCATION:
CONTRACTOR:
AGENT:
SHT:
DRG. BY:
DATE:
JOB NO.:

PEDIMAT DETAIL
SCALE: NTS
03



DUR-A-FLEX
INNOVATION FROM THE FLOOR UP
www.dur-a-flex.com
860-528-9838

TITLE: HYBRI-FLEX
KEYED EDGE TO POLISHED CONCRETE DETAIL
DATE: 5/12
SCALE: AS NOTED
DWG NO.: HF - 17
PROJECT:



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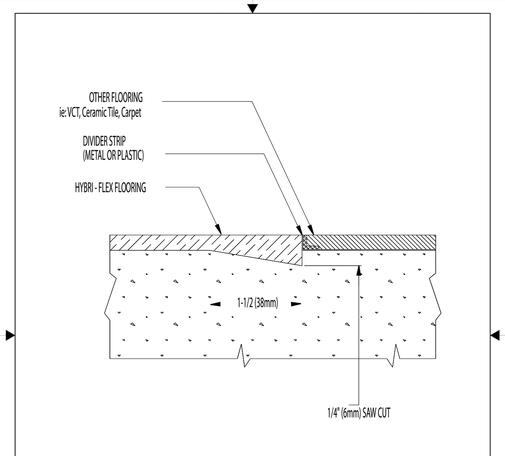
INNOVATION FROM THE FLOOR UP
www.dur-a-flex.com
860-528-9838

TITLE: HYBRI-FLEX
TRANSITION BETWEEN DUR-A-FLEX FLOORS DETAIL
DATE: 6 / 15
SCALE: NTS
DWG NO.: HF - 2A
PROJECT:



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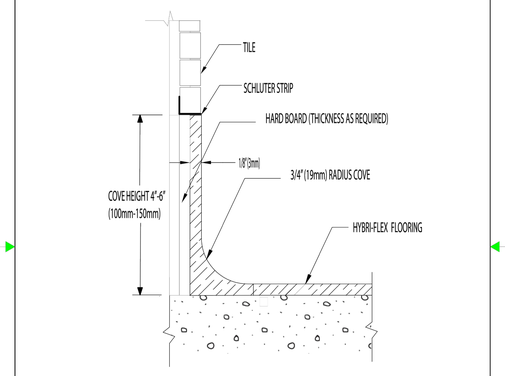
TITLE: HYBRI-FLEX
TRANSITION DETAIL
DATE: 10 / 11
SCALE: AS NOTED
DWG NO.: HF - 2
PROJECT:

FLOORING TRANSITION DETAILS
SCALE: NTS
02



DUR-A-FLEX
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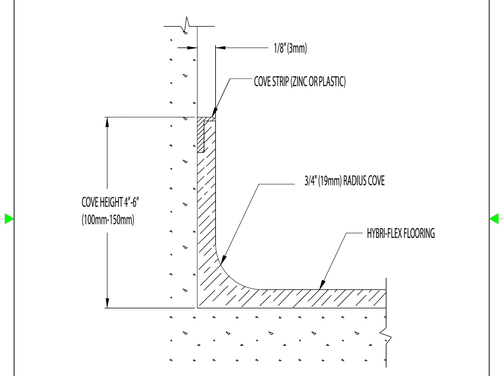
860-528-9838

TITLE: HYBRI-FLEX
COVE BASE (BUILT OUT WALL)
DATE: 10 / 11
SCALE: AS NOTED
DWG NO.: HF-11
PROJECT:



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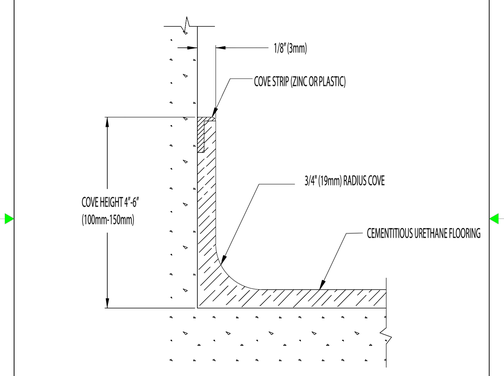
TITLE: HYBRI-FLEX
COVE BASE WITH CAP DETAIL
DATE: 10/11
SCALE: AS NOTED
DWG NO.: HF-9
PROJECT:



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TITLE: POLY-CRETE MD, MDB, MDC, MDQ
COVE BASE WITH CAP DETAIL
DATE: 10/11
SCALE: NTS
DWG NO.: PCMD-22
PROJECT:

WALL BASE DETAILS
SCALE: NTS
01

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Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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Key Plan

Professional Seals

MARK D. VAN
REGISTERED
LANDSCAPE ARCHITECT
N.C.
RALEIGH, N.C.

INTERIOR DESIGN
REGISTERED CORP.
51286
N.C.
RALEIGH, N.C.

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FLOORING DETAILS

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-203

9/23/2020 2:56 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-203 - CD Flooring Details.dwg

DOOR SCHEDULE ADMINISTRATIVE BUILDING

NO.	SIZE	MATERIAL	FRAME	FRAME ELEVATION	DOOR ELEVATION	DOOR FINISH	HARDWARE	FIRE RATING	HARDWARE KEY	DETAIL SHEET A-205	REMARKS
100A	3'-0" X 8'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, WST, CY, CG	-	1		
100B	3'-4" X 8'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHC, C, T, WST, CY, CG	-	1		
100C	3'-0" X 8'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, WST, CY, CG	-	1		
100D	3'-0" X 7'-2" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		DL, LP, LS, C, T, CY, CG, WST	-	1	28 / 29	
100E	PR. 3'-0" X 8'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		01		PHC, C, T, CY, CG, WST	-	1		
100F	3'-0" X 7'-10" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		03		DL, LP, LS, C, T, CY, CG, WST	-	1	28 / 29	
100G	PR. 3'-0" X 7-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		01		PHC, C, T, CY, CG, WST	-	1		
100H	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY, CG, WST	-	1		
100I	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY, CG, WST	-	1		
100J	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY, CG, WST	-	1		
100K	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY, CG, WST	-	1		
100L	3'-0" X 7'-2" X 1 3/4"	ALUMINUM / GLASS	HOLLOW METAL	01	04		PHR, LS, C, T, CY, CG, WST	-	2	28 / 29	
100M	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	02	09	PAINT	SR, C, T, H, S, WST	-	2	26 / 27	
101	PR. 3'-0" X 8'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		02		PHC, C, CY, CG	-	1		
102A	3'-0" X 8'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM		04		EO, H, S, C, WS	-	2		BASIS OF DESIGN INTERIOR ALUMINUM FRAME WINDOW WALL SYSTEM
102B	PR. 3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	08	PLAM	PHC, C, S, H	-	2	22 / 23	
102C	PR. 3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	08	PLAM	PHC, C, S, H	-	2	22 / 23	
103	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	EO, H, S, WS	-	2	22 / 23	
104	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM		06	PLAM	EO, H, S, WS	-	2	22 / 23	BASIS OF DESIGN INTERIOR ALUMINUM FRAME WINDOW WALL SYSTEM
105	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM		06	PLAM	EO, H, S, WS	-	2	22 / 23	BASIS OF DESIGN INTERIOR ALUMINUM FRAME WINDOW WALL SYSTEM
106	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	EO, H, S, WS	-	2	22 / 23	
107	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM		06	PLAM	EO, H, S, FS	-	2	22 / 23	BASIS OF DESIGN INTERIOR ALUMINUM FRAME WINDOW WALL SYSTEM
108	PR. 2'-6" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	05	PLAM	SR, C, CO, AFB, H	-	2	22 / 23	
110	PR. 3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		02		PP, C	-	1		
112	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	PR, H, WS, S	-	2	22 / 23	
113	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	PR, H, WS, S, C	-	2	22 / 23	
114	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	PR, H, WS, S, C	-	2	22 / 23	
115	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	EO, H, WS, S	-	2	22 / 23	BASIS OF DESIGN RACO ALUMINUM FRAME WINDOW WALL SYSTEM
117	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	EO, H, WS, S	-	2	22 / 23	
118	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	EO, H, WS, S	-	2	22 / 23	
119A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM		07	STAIN	P, H, WS, S	-	2	22 / 23	
119B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	P, H, WS, S	-	2	22 / 23	
120	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	P, H, WS, S	-	2	22 / 23	
122	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	EO, H, WS, S	-	2	22 / 23	
123	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	EO, H, WS, S	-	2	22 / 23	
124	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	EO, H, WS, S	-	2	22 / 23	
125	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	EO, H, WS, S	-	2	22 / 23	
126	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	P, H, WS, S	-	2	22 / 23	
127	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	P, H, WS, S	-	2	22 / 23	
129		FOLDING PARTITION						-			SEE FOLDING PANELS PARTITION SPEC
136	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	14	PLAM	PP, H, KP, C, WS, S	-	2	22 / 23	
137	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	08	PLAM	P, C, H, WS, S	-	2	22 / 23	
138	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	SR, H, C, S	-	2	22 / 23	
140	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	P, H, WS, S	-	2	22 / 23	
141	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	EO, H, WS, S	-	2	22 / 23	
142	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	P, H, WS, S	-	2	22 / 23	
143	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	P, H, WS, S	-	2	22 / 23	
144	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	P, H, WS, S	-	2	22 / 23	
146	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	PR, H, WS, S	-	2	22 / 23	
147	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	SR, H, OS, S	-	2	22 / 23	
149A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	SR, H, OS, S	-	2	22 / 23	
149B	PR. 3'-6" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	05	PLAM	P, H, C, 2PL, S, DS	-	2	22 / 23	
149C	3'-4" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM		13	PLAM	CR, H, K, C, FS, S	-	2	22 / 23	FS AT OUTSIDE CORNER
149D	3'-4" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM		13	PLAM	CR, H, K, C, FS, S	-	2	22 / 23	FS AT OUTSIDE CORNER
149E	PR. 3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	08	PLAM	PHC, C, S, H	-	2	22 / 23	
150A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	14	PLAM	PP, H, KP, C, S	-	2	22 / 23	
150B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	06	PLAM	P, H, WS, S	-	2	22 / 23	
152	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	07	STAIN	SR, H, WS	-	2	22 / 23	
158	PR. 3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	ALUMINUM	01	05	PLAM	SD, H, OS, S, HD	-	2	22 / 23	

DOOR SCHEDULE DINING/SHELTER/STORAGE BUILDING

NO.	SIZE	MATERIAL	FRAME	FRAME ELEVATION	DOOR ELEVATION	DOOR FINISH	HARDWARE	FIRE RATING	HARDWARE KEY	DETAIL SHEET A-205	REMARKS
200A	PR. 3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		02		PHC, C, T, WST, CY		1		
200B	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, C, T, WST, CY, LS		1		
200C	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, C, T, WST, CY, LS		1		
200D	PR. 3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		02		PHC, C, T, WST, CY		1		
200E	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, C, T, WST, CY, LS		1		
200F	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, C, T, WST, CY, LS		1		
200G	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, C, T, WST, FS, LS		1		
200H	PR. 3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		02		PHC, C, T, WST		1		
200I	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, C, T, WST, CY, LS		1		
200J	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, C, T, WST, CY, LS		1		
200K	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	02	09	PAINT	SR, C, T, H, WST, CY, CG		2	26 / 27	
200L	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	02	09	PAINT	E, C, T, H, WST		2	26 / 27	
200M	8'-0"X8'-0"	STEEL DOOR	HOLLOW METAL		12	PAINT	UPWARD ACTING COILING STEEL SERVICE DOOR, INSULATED				
200N	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	02	09	PAINT	E, T, H, WST		2	26 / 27	
200O	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL		09	PAINT	E, C, T, H, WST		2	26 / 27	
201	PR. 3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		02		PHC, C, CY, CG		1		
209	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, S, OS		2	20 / 21	
216	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PR, H, S, C		2	20 / 21	
218	3'-4" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, H, S, C, K	45 MIN.	2	20 / 21	
219	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, S, OS		2	20 / 21	
220A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, S, WS		2	20 / 21	
220B	1'-8" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	02	09	PAINT	CY, H, S, DB		2	17/19	
221A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, S, WS		2	20 / 21	
221B	1'-8" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	02	09	PAINT	CY, H, S, DB		2	17/19	
224A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	02	06	PLAM	PP, C, H, K		2	16/18	
224B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	02	06	PLAM	PP, C, H, K		2	16/18	
226	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PP, C, WS		1	22	
230A	PR. 3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	05	PLAM	P, H, 2PL, C, DS, S		2	20 / 21	
230B	PR. 3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	05	PLAM	P, H, 2PL, C, DS, S		2	20 / 21	
232	PR. 3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		02		PHC, C, CY, CG		1		
235A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PP, C, WS, K, S, H		2	20 / 21	
235B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PP, C, WS, K, S, H		2	20 / 21	
237A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PP, C, WS, K, S, H		2	20 / 21	
237B	1'-8" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CY, H, S, DB		2	20 / 21	
238	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PP, C, WS, K, S, H		2	20 / 21	
239A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, WS, S		2	20 / 21	
239B	1'-8" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	01	06	PAINT	CY, H, S, DB		2	20 / 21	
242A	3'-0" X 7'-0" X 1 3/4"	STAINLESS STEEL/GLASS			11		TRAFFIC DOOR - SEE SPECS				
242B	3'-0" X 7'-0" X 1 3/4"	STAINLESS STEEL/GLASS			11		TRAFFIC DOOR - SEE SPECS				
243	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	01	06	PAINT	EO, H, WS, S		2	20 / 21	
244	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	01	06	PAINT	SR, H, WS, S		2	20 / 21	
250	PR. 3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	02	10	PAINT	P, H, C, 2PL, S, DS, WS		2	17 / 19	
251	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	01	09	PAINT	EO, H, S, WS		2		
252A	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	01	09	PAINT	P, H, S, OS, DS		2	20 / 21	
252B	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	01	08	PAINT	P, H, S, C, K, FS, DS		2	20 / 21	
252C	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	01	09	PAINT	SR, H, S, OS		2	20 / 21	
252D	PR. 3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	01	10	PAINT	SR, C, CO, AFB, H, S		2	20 / 21	
253	PR. 3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		02		PHC, C, CY, CG		1		
255	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PR, H, S, C		2	20 / 21	
256	3'-4" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, H, S, C, K	45 MIN.	2	20 / 21	
257	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, S, WS		2	20 / 21	
269	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, S, OS		2	16 / 18	
270	1'-8" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	DB, CY, H, S		2	17 / 19 SIM	
273	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, S, OS		2	20 / 21	
274	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, WS, S		2	20 / 21	
276A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	02	06	PLAM	PP, C, H, K		2	16 / 18	
276B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	02	06	PLAM	PP, C, H, K		2	16 / 18	
278	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PP, C, WS		1	22	
279A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PP, C, WS		2	20 / 21	
279B	1'-8" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	DB, CY, H, S		2	17 / 19 SIM	
283	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, H, S		2	20 / 21	

DOOR SCHEDULE RESIDENTIAL WOMEN'S FACILITY BUILDING

NO.	SIZE	MATERIAL	FRAME	FRAME ELEVATION	DOOR ELEVATION	DOOR FINISH	HARDWARE	FIRE RATING	HARDWARE KEY	DETAIL SHEET A-205	REMARKS
300A	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY, CG, WST		1	28 / 29 SIM	
300B	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	02	09	PAINT	SR, C, T, H, WST, CY, CG		2	26 / 27	
300C	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY, CG, WST		1	28 / 29 SIM	
300D	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY, CG, WST		1	28 / 29 SIM	
301	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY, CG, WST		1		
303A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, WS, C, S	20 MIN.	2	20 / 21	
303B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PR, H, OS, S		2	20 / 21	
304A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S	20 MIN.	2	20 / 21	
304B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PR, H, OS, S		2	20 / 21	
305A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S	20 MIN.	2	20 / 21	
305B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PR, H, OS, S		2	20 / 21	
306A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S	20 MIN.	2	20 / 21	
306B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PR, H, OS, S		2	20 / 21	
307	3'-4" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, H, S, C, K	45 MIN.	2	20 / 21	
308A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, H, C, K, S, WS	20 MIN.	2	20 / 21	
308B	3'-0" X 7'-0" X 1 3/4"	ALUMINUM/GLASS	ALUMINUM STOREFRONT		04		PP, C, WS		1	22 / 23	
312	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	EO, H, C, S, WS	20 MIN.	2	20 / 21	
313	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
314	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
315	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
316	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
317	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
318	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
319	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
320	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, C, S, WS	20 MIN.	2	20 / 21	
321	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, C, S, WS	20 MIN.	2	20 / 21	
322	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, C, S, WS	20 MIN.	2	20 / 21	
323	3'-4" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PH, S, C K	45 MIN.	2	20 / 21	
324	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
325	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
326	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
327	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
328	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
329	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
330	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
331	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
332	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
333	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
336A	PR. 3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	05	PLAM	P, H, 2PL, C, S	20 MIN.	2	20 / 21	
336B	PR. 2'-8" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	05	PLAM	SR, H, S, C	20 MIN.	2	20 / 21	

DOOR SCHEDULE RESIDENTIAL MEN'S FACILITY BUILDING

NO.	SIZE	MATERIAL	FRAME	FRAME ELEVATION	DOOR ELEVATION	DOOR FINISH	HARDWARE	FIRE RATING	HARDWARE KEY	DETAIL SHEET A-205	REMARKS
400A	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY,CG, WST		1	28 / 29 SIM	
400B	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL		09	PAINT	SR, C, T, H, WST, CY, CG		2	26 / 27	
400C	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY,CG, WST		1	28 / 29 SIM	
400D	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY,CG, WST		1	28 / 29 SIM	
401	3'-0" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		04		PHR, LS, C, T, CY,CG, WST		1		
403A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, WS, C, S	20 MIN.	2	20 / 21	
403B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PR, H, OS, S		2	20 / 21	
404A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S	20 MIN.	2	20 / 21	
404B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PR, H, OS, S		2	20 / 21	
405A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S	20 MIN.	2	20 / 21	
405B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PR, H, OS, S		2	20 / 21	
406A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S	20 MIN.	2	20 / 21	
406B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PR, H, OS, S		2	20 / 21	
407	3'-4" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PH, S, C, K	45 MIN.	2	20 / 21	
408A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, H, C, K, S, WS	20 MIN.	2	20 / 21	
408B	3'-0" X 7'-0" X 1 3/4"	ALUMINUM/GLASS	ALUMINUM STOREFRONT		04		PP, C, WS		1	22 / 23	
412	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	EO, H, C, S, WS	20 MIN.	2	20 / 21	
413	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
414	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
415	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
416	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
417	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
418	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
419	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
420	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, C, S, WS	20 MIN.	2	20 / 21	
421	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, C, S, WS	20 MIN.	2	20 / 21	
422	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, C, S, WS	20 MIN.	2	20 / 21	
423	3'-4" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, H, S, C, K	45 MIN.	2	20 / 21	
424	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
425	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
426	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
427	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
428	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
429	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
430	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
431	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
432	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
433	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	CR, H, C, S, WS	20 MIN.	2	20 / 21	
436A	PR. 3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	05	PLAM	P, H, 2PL, C, S	20 MIN.	2	20 / 21	
436B	PR. 2'-8" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	05	PLAM	SR, H, S, C	20 MIN.	2	20 / 21	

DOOR SCHEDULE - DETOX BUILDING

NO.	SIZE	MATERIAL	FRAME	FRAME ELEVATION	DOOR ELEVATION	DOOR FINISH	HARDWARE	FIRE RATING	HARDWARE KEY	DETAIL SHEET A-205	REMARKS
500A	PR. 3'-4" X 7'-0" X 1 3/4"	ALUMINUM / GLASS	ALUMINUM STOREFRONT		02		PHC, C, T, WST, CY		1		
500B	3'-0" X 7'-0" X 1 3/4"	ALUMINUM/GLASS	ALUMINUM STOREFRONT		04		DL2, C, T, WST		1	28 / 29 SIM	
500C	3'-0" X 7'-0" X 1 3/4"	ALUMINUM/GLASS	ALUMINUM STOREFRONT		04		PHC, C, T, WST, CY		1	28 / 29 SIM	
500D	3'-0" X 7'-0" X 1 3/4"	ALUMINUM/GLASS	ALUMINUM STOREFRONT		04		PHC, C, T, WST, CY		1	28 / 29 SIM	
500E	3'-0" X 7'-0" X 1 3/4"	ALUMINUM/GLASS	ALUMINUM STOREFRONT		04		DL2, C, T, WST		1	28 / 29 SIM	
500F	3'-0" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	02	09	PAINT	SR, C, T, H, WST, CY, CG		2	26 / 27	
501A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	DEL, C, H, WS, FSG	20 MIN.	2	20 / 21	FAIL SAFE LOCK
501B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	DEL, C, H, WS, FSG	20 MIN.	2	20 / 21	FAIL SAFE LOCK
503	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, H, S,OS		2	20 / 21	
504	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, S, WS		2	20 / 21	
505	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PH, C, S, WS	45 MIN.	2	20 / 21	
506	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	08	PLAM	EO, H, S, WS		2	20 / 21	
508	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	08	PLAM	P, H, S, WS		2	20 / 21	
509	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, S, WS		2	20 / 21	
511A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	08	PLAM	PHR, H, C, S		2	20 / 21	
511B	PR. 3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, H, 2PL, C, S		2	20 / 21	
514A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	15	PLAM	PP, H, C, S, WS		2	20 / 21	
514B	1'-8" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	DB, CY, H, S		2	20 / 21	
515	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PP, H, C, S, WS		2	16 / 18	
516	3'-0" X 7'-0" X 1 3/4"	ALUMINUM/GLASS	ALUMINUM STOREFRONT		04		PP, C		1	17 / 19 SIM	
517	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	PR, C, H, WS, S, FSG		2	20 / 21	
518	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, C, H, WS, S, FSG		2	20 / 21	
521	PR. 3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	05	PLAM	P, H, 2PL, C, S, DS		2	20 / 21	
522	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, S, WS		2	20 / 21	
523	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, H, C, S, WS	45 MIN.	2	20 / 21	
524	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	08	PLAM	EO, H, S, WS		2	20 / 21	
526	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	08	PLAM	P, H, S, WS		2	20 / 21	
527	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	P, H, S, WS		2	20 / 21	
530	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	15		PP, H, C, S, WS		2	20 / 21	
531	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	15	PLAM	PP, H, C, S, WS		2	16 / 18 SIM	
532A	3'-0" X 7'-0" X 1 3/4"	ALUMINUM/GLASS	ALUMINUM STOREFRONT		04		PP, C		1	17 / 19 SIM	
532B	1'-8" X 7'-0" X 1 3/4"	STEEL DOOR	HOLLOW METAL	01	06	PAINT	DB, CY, H, S		2	17 / 19 SIM	
534	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	08	PLAM	PHR, H, C, S		2	20 / 21	
535A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, C, K, S, FSG		2	20 / 21	
535B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD	HOLLOW METAL	01	06	PLAM	SR, H, C, K, S, FSG	20 MIN.	2	20 / 21	

NOTES:
ALL PLASTIC LAMINATE ON INTERIOR DOORS TO BE FORMICA AGED ASH 8844-WR

DOOR HARDWARE KEY 1 - ALUMINUM STOREFRONT DOOR HARDWARE

SYMBOL	DESCRIPTION	BASIS OF DESIGN
DL	DEADLOCK/LATCH COMBINATION	ADAMS RITE MS+ 1890
DL2	DEAD LATCH	ADAMS RITE 4510 W/ 4560 LEVER
LP	LATCH PADDLE	ADAMS RITE 4590
LS	LATCH STRIKE	
C	CLOSER	NORTON 1601
T	THRESHOLD	
PP	PUSH PULL	
CY	CYLINDER	
CG	CYLINDER GUARD	
PHC	CONCEALED ROD EXIT DEVICE	KAWNEER 1686
PHR	RIM EXIT DEVICE	KAWNEER 1786
WST	WEATHERSTRIPPING	

DOOR HARDWARE KEY 2 - INCLUDING INTERIOR ALUMINUM/ GLASS DOORS

SYMBOL	DESCRIPTION	BASIS OF DESIGN
CR	CLASSROOM	
SR	STOREROOM LOCK	
EO	ENTRANCE/OFFICE	
PR	PRIVACY LCOK	
P	PASSAGE SET	
E	EXIT	
PP	PUSH PULL	
DD	DOUBLE DUMMY TRIM	
SD	SINGLE DUMMY TRIM	
H	HINGES	
S	SILENCERS	
C	CLOSER	
CO	COORDINATOR	
PHR	RIM EXIT DEVICE	
PHC	CONCEALED ROD EXIT DEVICE	
AFB	AUTOMATIC FLUSH BOLTS	
T	THRESHOLD	
WS	WALL STOP	
FS	FLOOR STOP	
WST	WEATHERSTRIPPING	
FSG	COMBO FIRE/SMOKE GASKET	PEMKO HSS2000xS88
K	KICKPLATE	
HD	HEAD OF DOOR ROLLER LATCH	
OS	OVERHEAD STOP	
CH	CLOSER W/ HOLD OPEN FUNCTION	
DS	KICKDOWN DOOR STOP	
2PL	2 POINT LATCH SYSTEM - EACH LEAF	SCHLAGE LM9200
DB	DEADBOLT	
DEL	ELECTRONICALLY LOCKED	

isdesign
ARCHITECTURE + INTERIORS
219 N. Boylan Avenue
Raleigh, North Carolina 27603
t. 919.833.5400
www.isdesignpa.com

Project
THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client
NEW HANOVER COUNTY, NORTH CAROLINA

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Key Plan

Professional Seals

I.S. DESIGN, P.A. REGISTERED CORPORATION 51286 N.C. RALEIGH, N.C.

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title
DOOR SCHEDULES

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number
A-204

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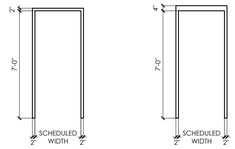
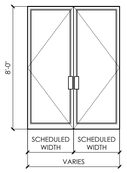


01

02

DOOR FRAMES



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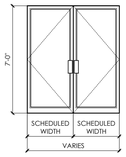

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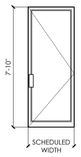

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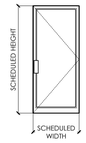

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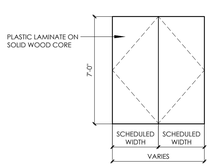
ALUMINUM STOREFRONT DOORS



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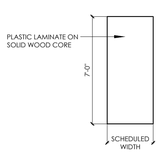

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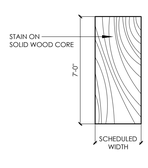

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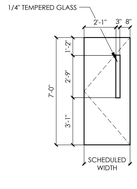

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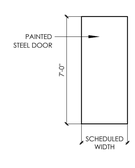
SOLID CORE WOOD DOORS



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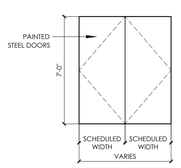

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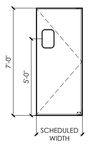
STEEL DOORS



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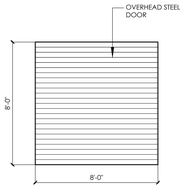
STAINLESS STEEL/GLASS DOOR



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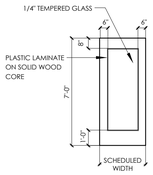

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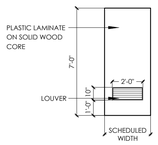

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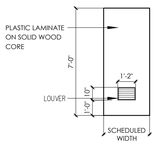

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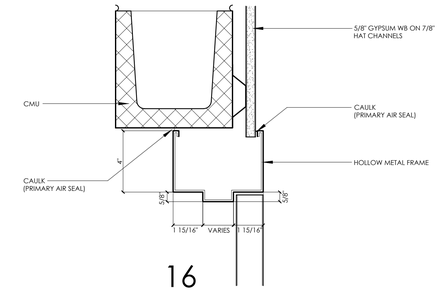
SOLID CORE WOOD DOORS



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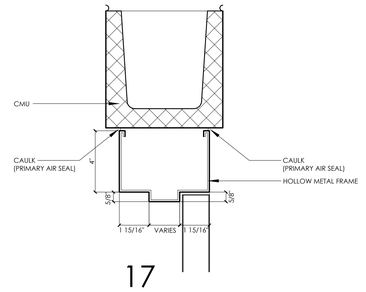

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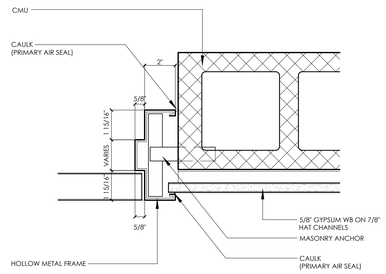

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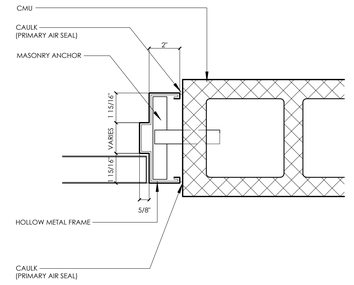

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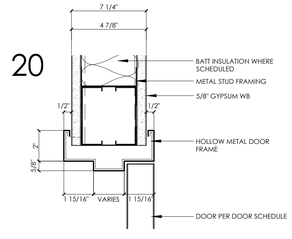

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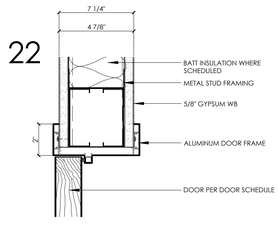

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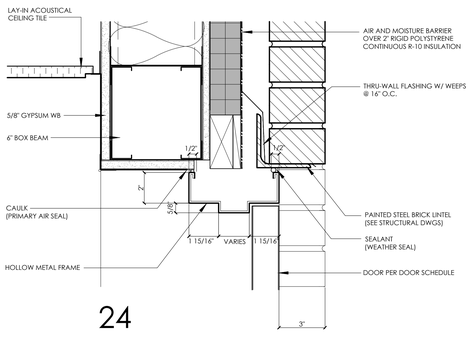

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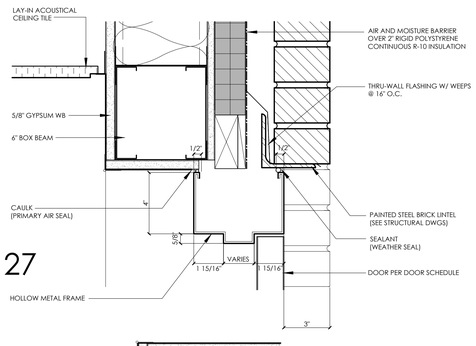

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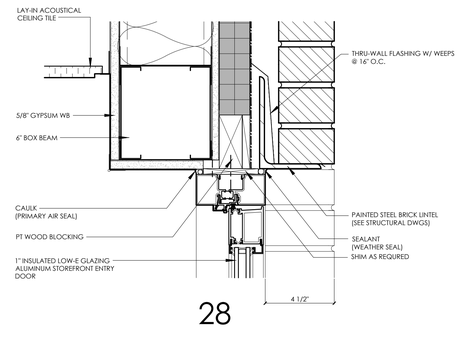

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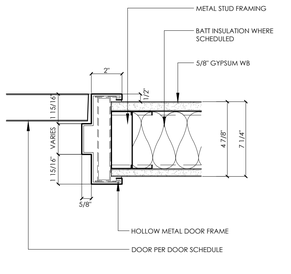

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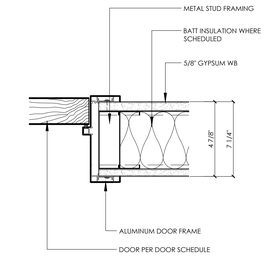

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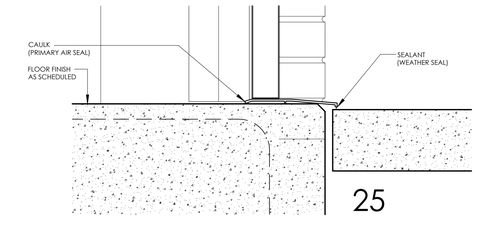

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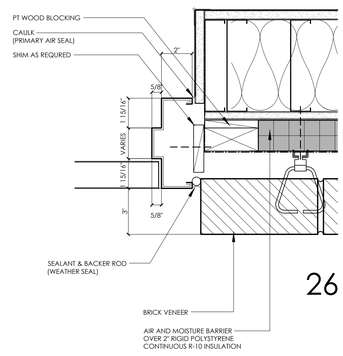

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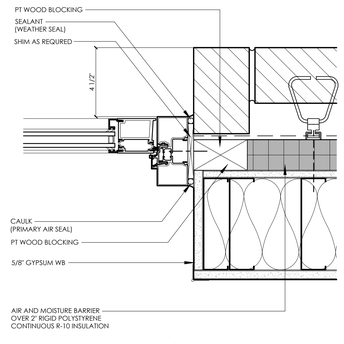

29

DOOR AND FRAME ELEVATIONS

SCALE: 1/4" = 1'-0"

DOOR DETAILS

SCALE: 6" = 1'-0"

isdesign
ARCHITECTURE + INTERIORS
219 N. Boylan Avenue
Raleigh, North Carolina 27603
t. 919.833.5400
www.isdesignpa.com

Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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Key Plan

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No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

DOOR ELEVATIONS

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-205

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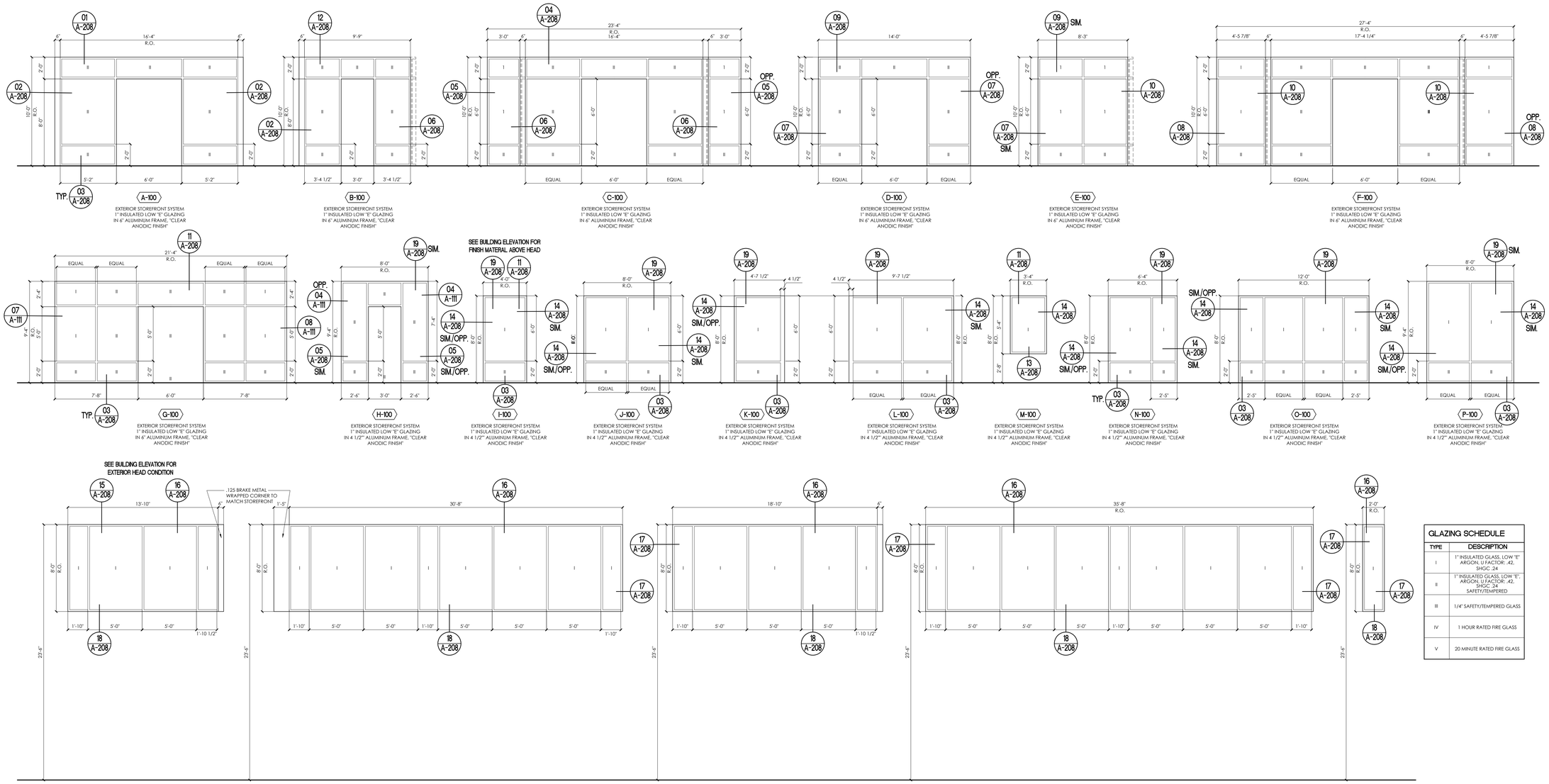
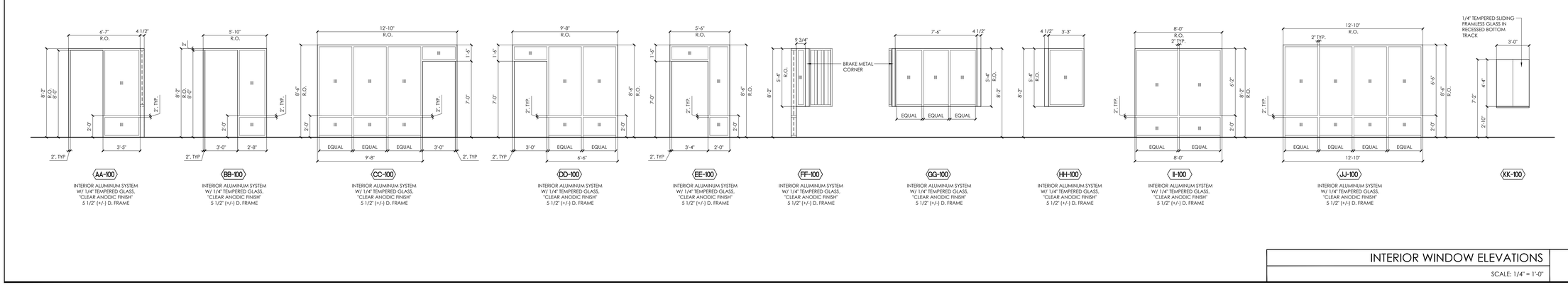


GLAZING SCHEDULE	
TYPE	DESCRIPTION
I	1" INSULATED GLASS, LOW "E" ARGON, U FACTOR: .42, SHGC .24
II	1" INSULATED GLASS, LOW "E", ARGON, U FACTOR: .42, SHGC .24 SAFETY/TEMPERED
III	1/4" SAFETY/TEMPERED GLASS
IV	1 HOUR RATED FIRE GLASS
V	20 MINUTE RATED FIRE GLASS

EXTERIOR WINDOW ELEVATIONS

SCALE: 1/4" = 1'-0"



INTERIOR WINDOW ELEVATIONS

SCALE: 1/4" = 1'-0"

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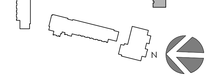


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

WINDOW ELEVATIONS

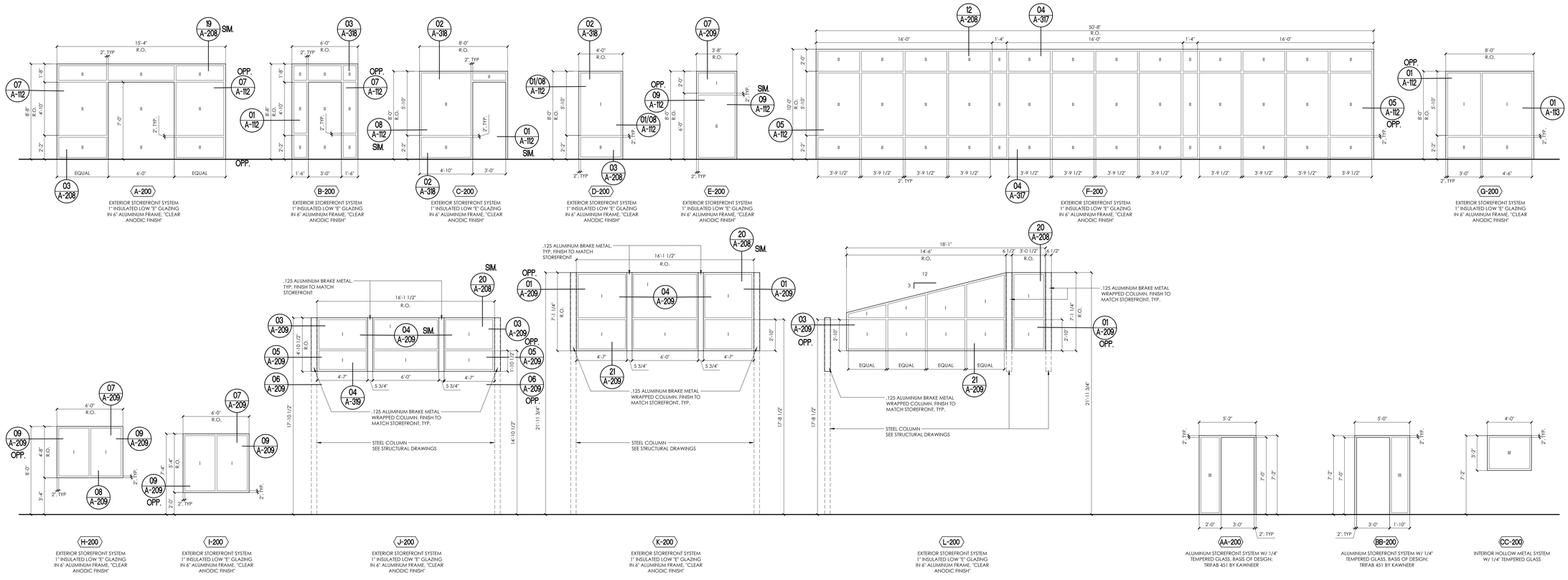
ADMINISTRATIVE/
EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

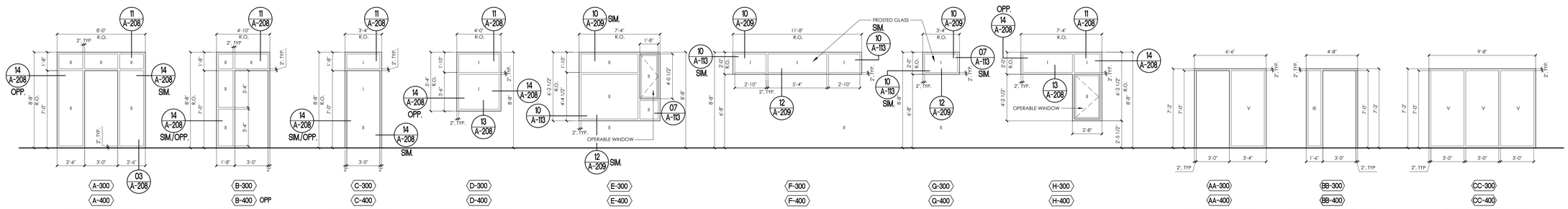
A-206

9/23/2020 3:24 PM P:\16HTWILMING\Construction Documents\CD\16HTWILMING - A-206 - CD Window Elevations.dwg



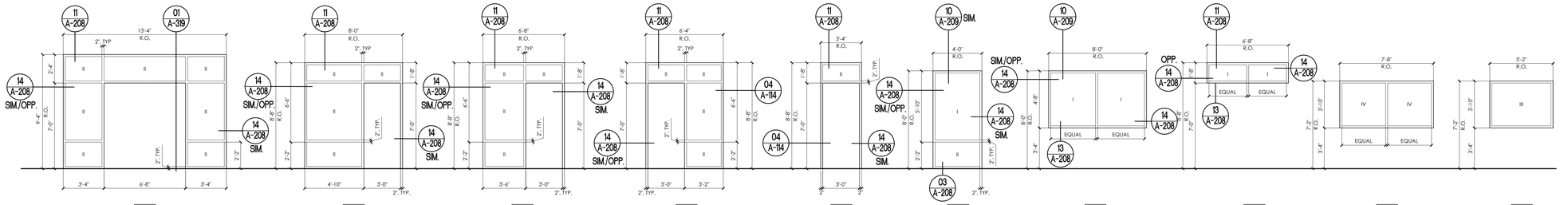
DINING / SHELTER BUILDING WINDOW ELEVATIONS

SCALE: 1/4" = 1'-0"



RESIDENTIAL BUILDING WINDOW ELEVATIONS

SCALE: 1/4" = 1'-0"



GLAZING SCHEDULE	
TYPE	DESCRIPTION
I	1" INSULATED GLASS, LOW "E" ARGON, U FACTOR: .42, SHGC :24
II	1" INSULATED GLASS, LOW "E", ARGON, U FACTOR: .42, SHGC :24 SAFETY/TEMPERED
III	1/4" SAFETY/TEMPERED GLASS
IV	1 HOUR RATED FIRE GLASS
V	20 MINUTE RATED FIRE GLASS

DETOX BUILDING WINDOW ELEVATIONS

SCALE: 1/4" = 1'-0"

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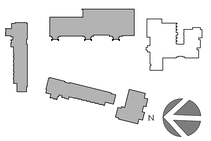


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

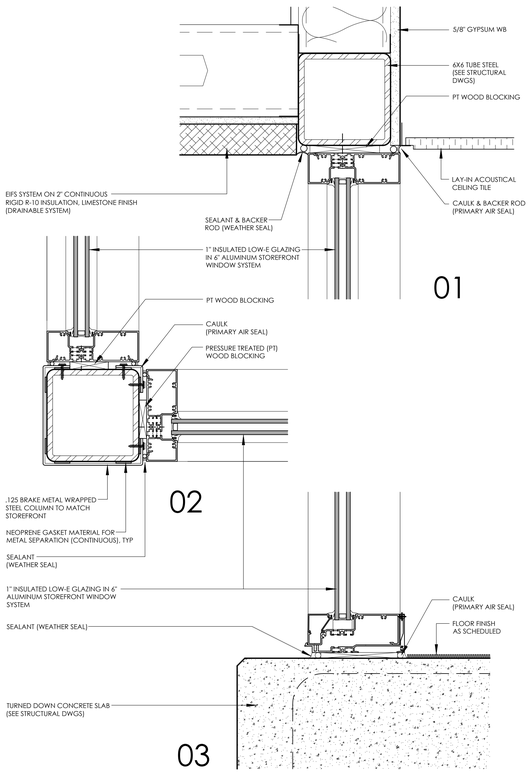
WINDOW ELEVATIONS
DINING / SHELTER
RESIDENTIAL & CLINIC
BUILDINGS

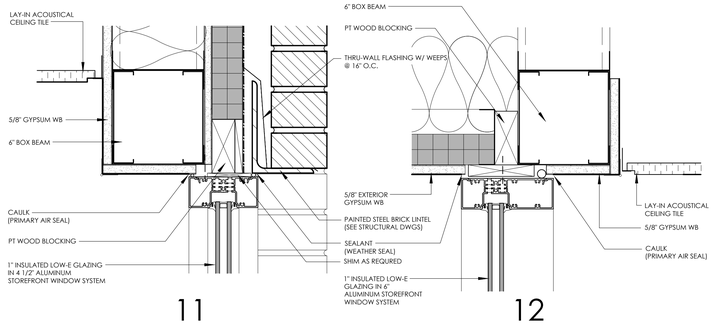
Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-207

9/23/2020 3:36 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-207 - CD Window Elevations.dwg





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Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

WINDOW DETAILS

Original drawing is 42 x 30 Do not scale contents of this drawing

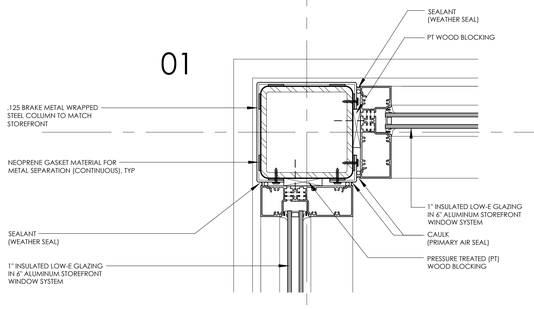
Sheet Number

A-208

WINDOW DETAILS

SCALE: 3" = 1'-0"

9/23/2020 3:43 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-208 - CD Window Details.dwg



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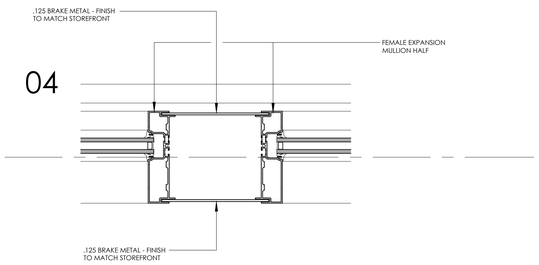

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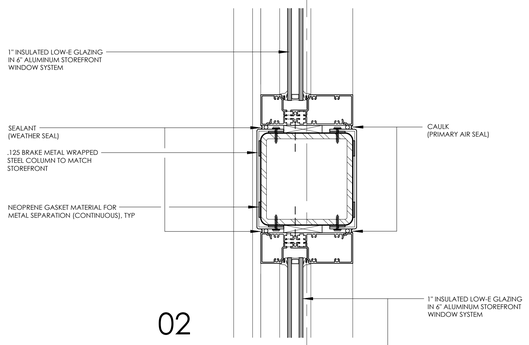

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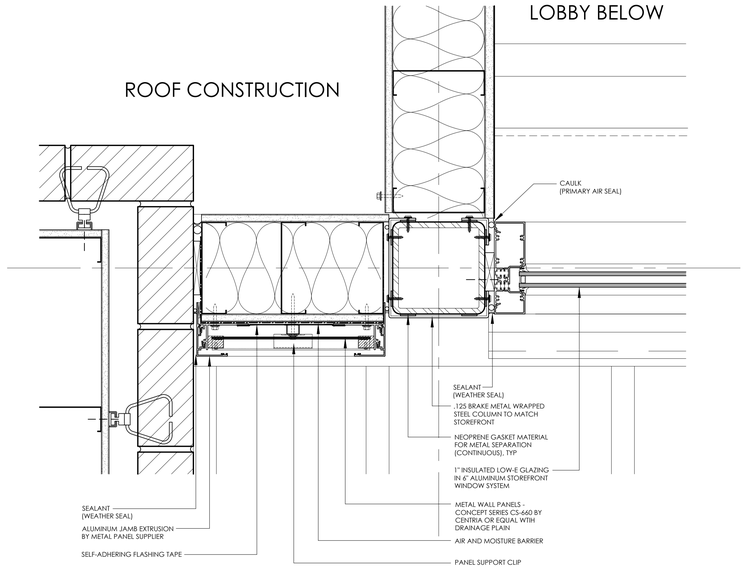

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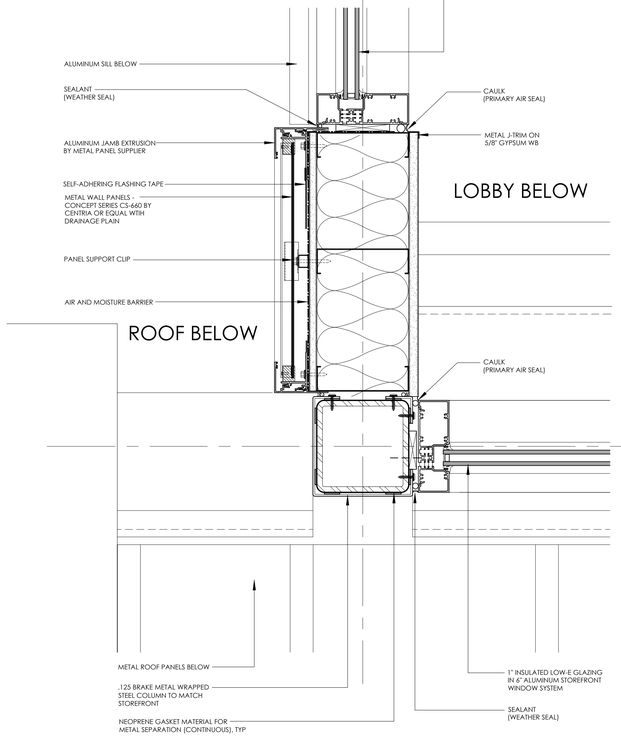

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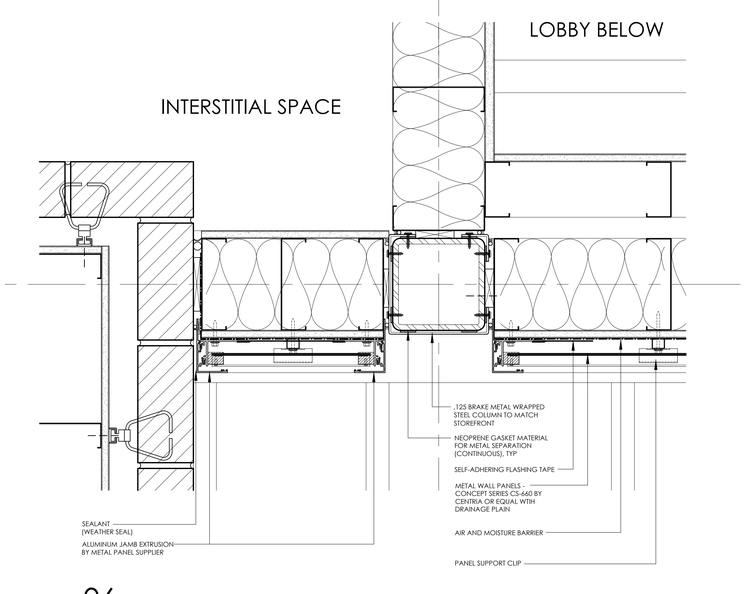
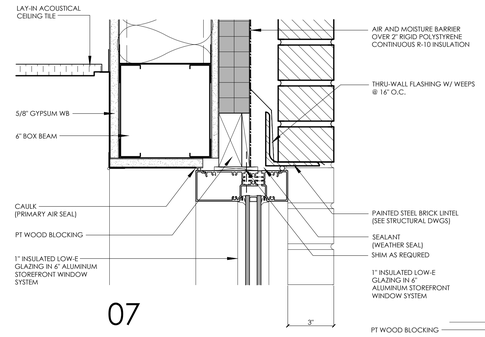


06

WINDOW DETAILS

SCALE: 3" = 1'-0"



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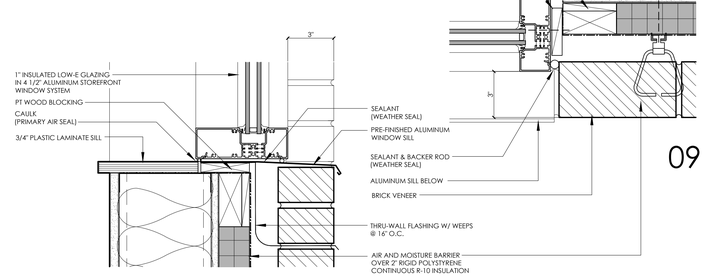

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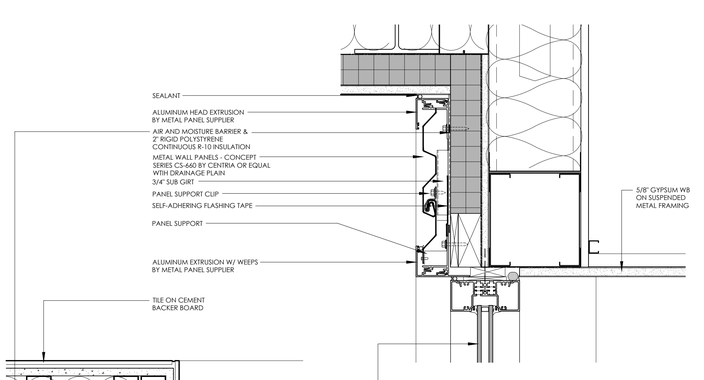

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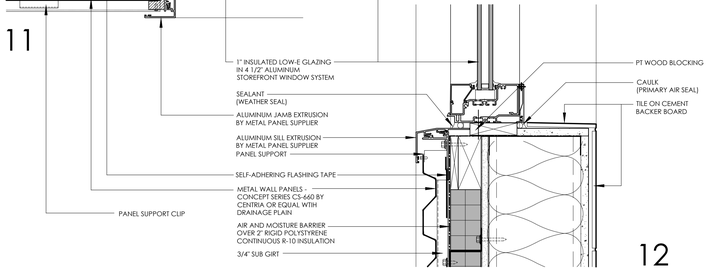

11

12

WINDOW DETAILS

SCALE: 3" = 1'-0"

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Key Plan

Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

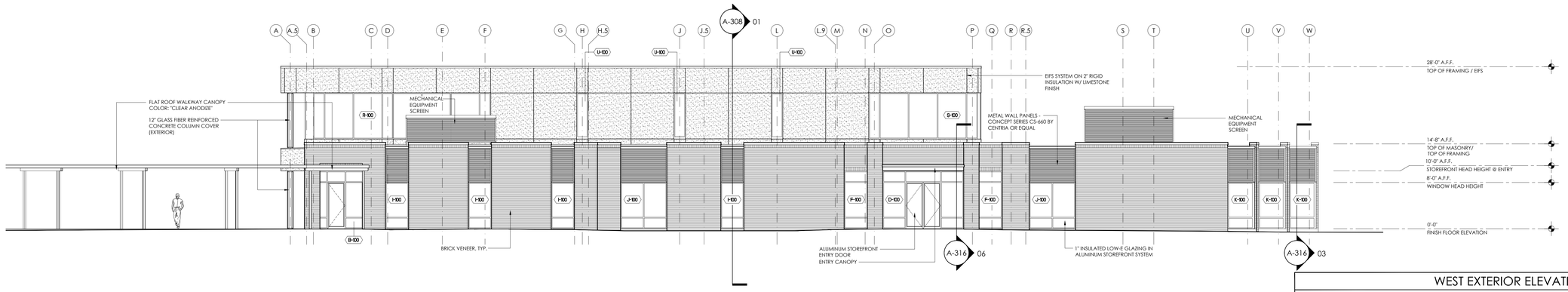
WINDOW DETAILS

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

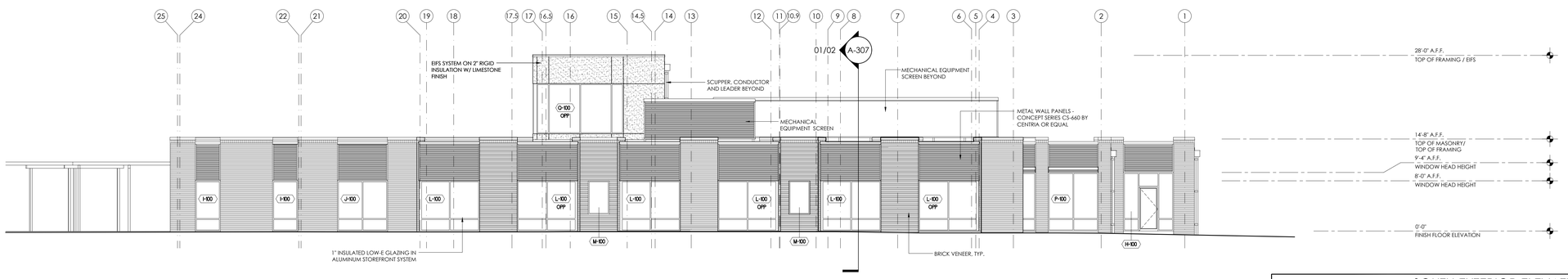
A-209

9/23/2020 3:44 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-209 - CD Window Details.dwg



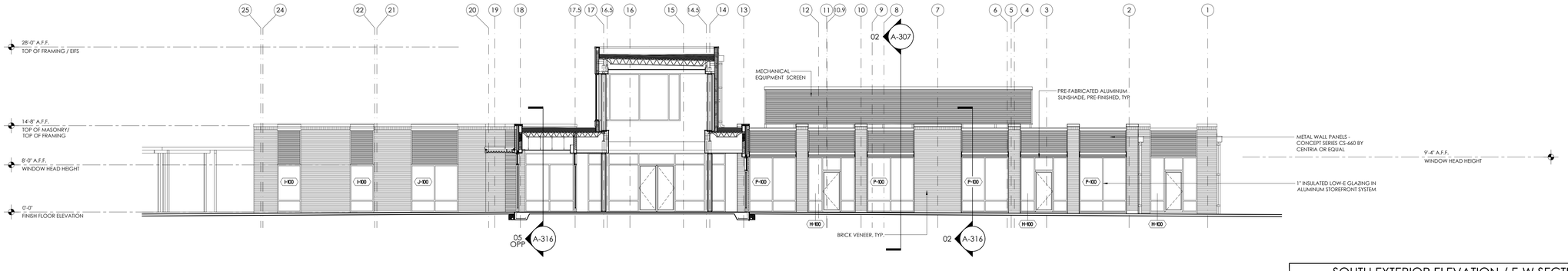
WEST EXTERIOR ELEVATION 01

SCALE: 1/8" = 1'-0"



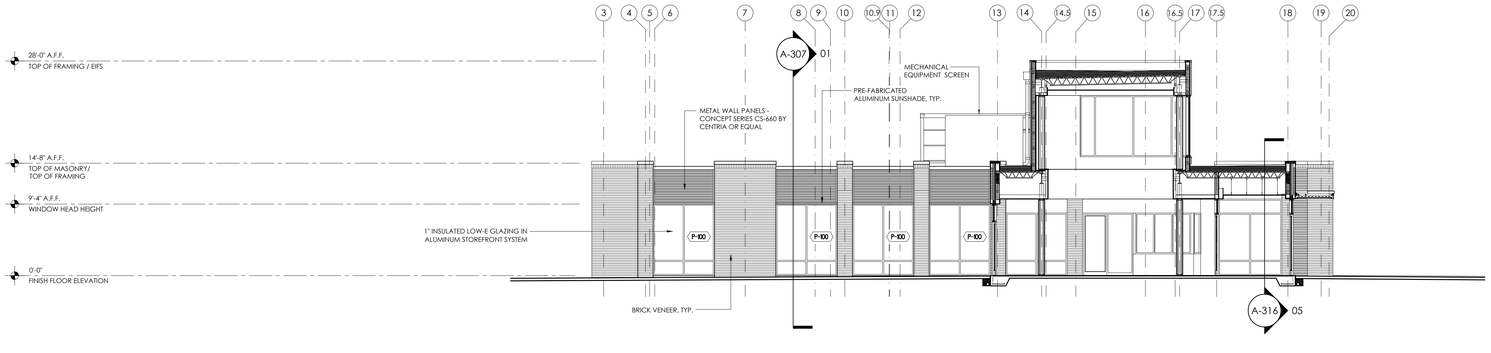
SOUTH EXTERIOR ELEVATION 02

SCALE: 1/8" = 1'-0"



SOUTH EXTERIOR ELEVATION / E-W SECTION

SCALE: 1/8" = 1'-0"



NORTH EXTERIOR ELEVATION / E-W SECTION

SCALE: 1/8" = 1'-0"

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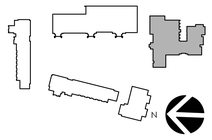


Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

EXTERIOR ELEVATIONS

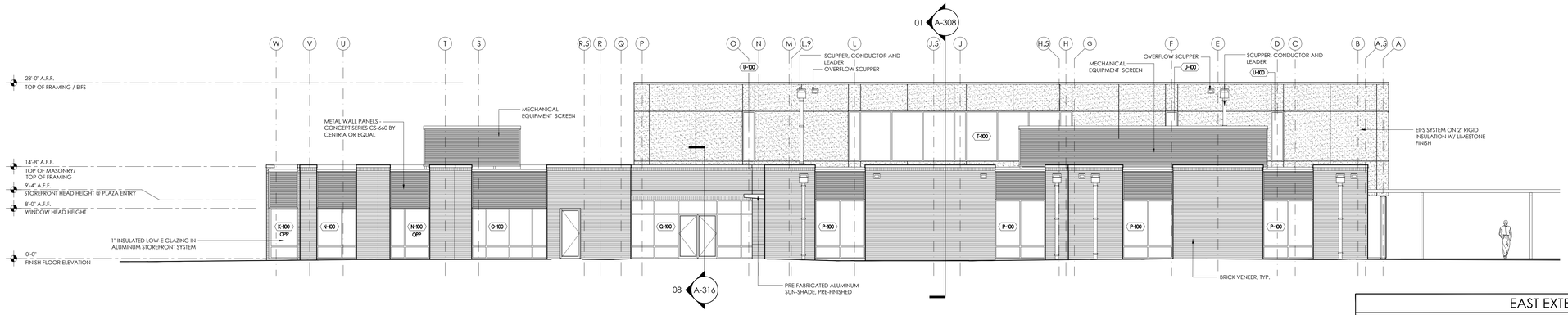
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

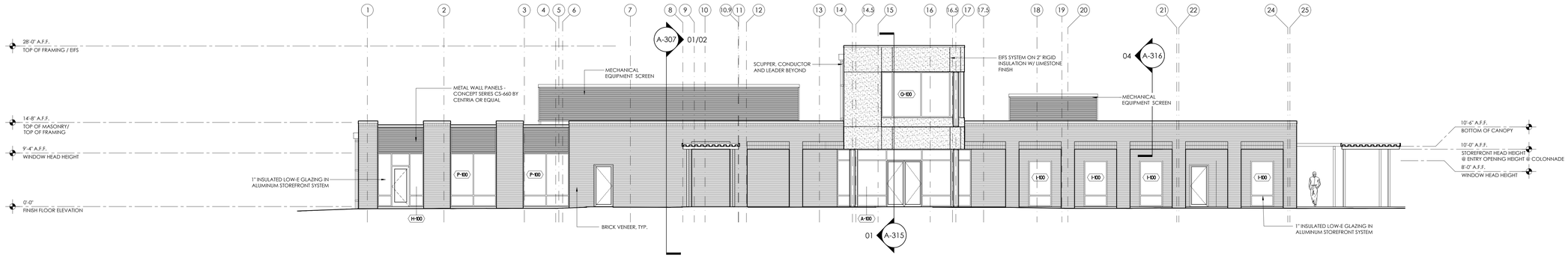
A-301

9/23/2020 3:47 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-301 - CD Exterior Elevations - Administrative Building.dwg



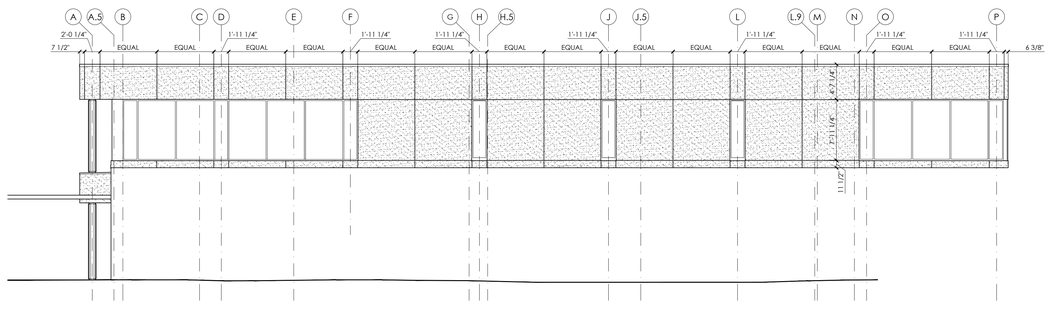
EAST EXTERIOR ELEVATION — 01

SCALE: 1/8" = 1'-0"



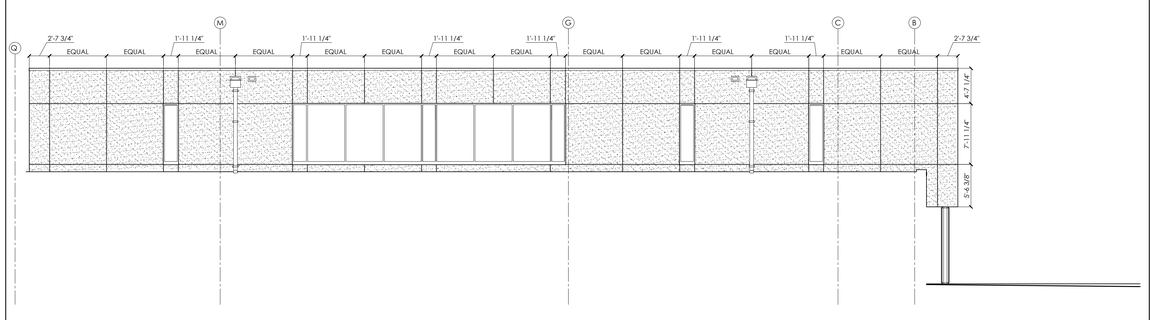
NORTH EXTERIOR ELEVATION — 02

SCALE: 1/8" = 1'-0"



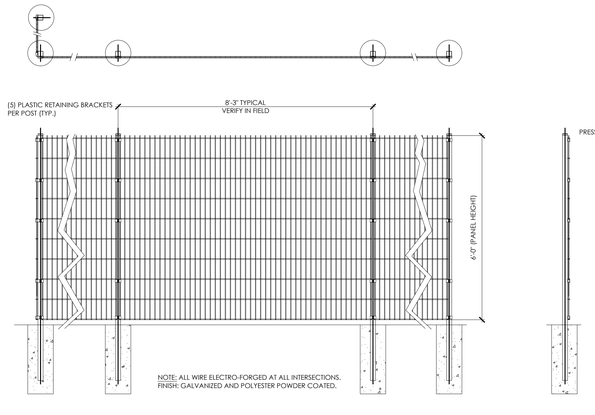
WEST EIFS SCORING ELEVATION — 04

SCALE: 1/8" = 1'-0"



EAST EIFS SCORING ELEVATION — 03

SCALE: 1/8" = 1'-0"



ORNAMENTAL FENCE TYPICAL ELEVATION — 05

SCALE: 1/2" = 1'-0"

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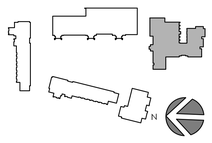


Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

EXTERIOR ELEVATIONS

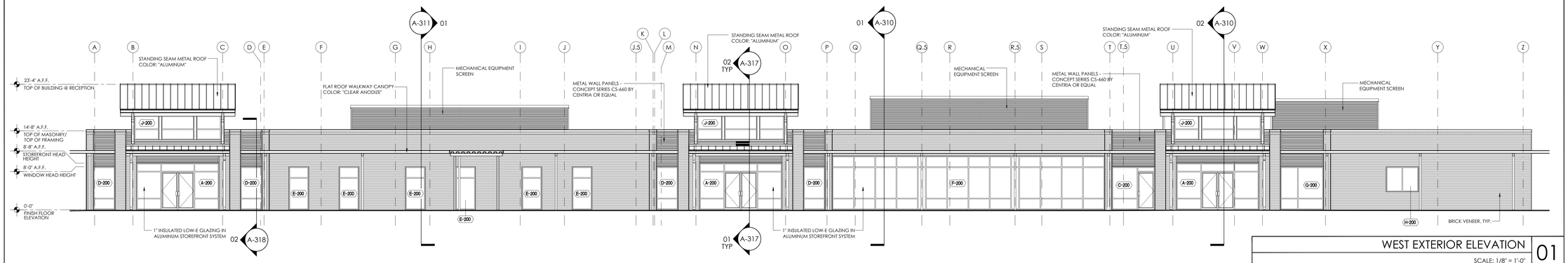
ADMINISTRATIVE/
EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

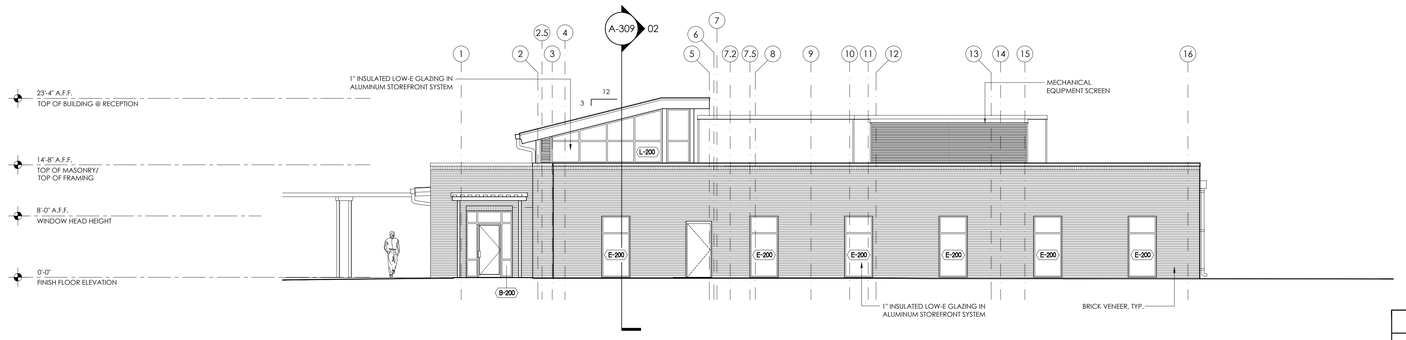
Sheet Number

A-302

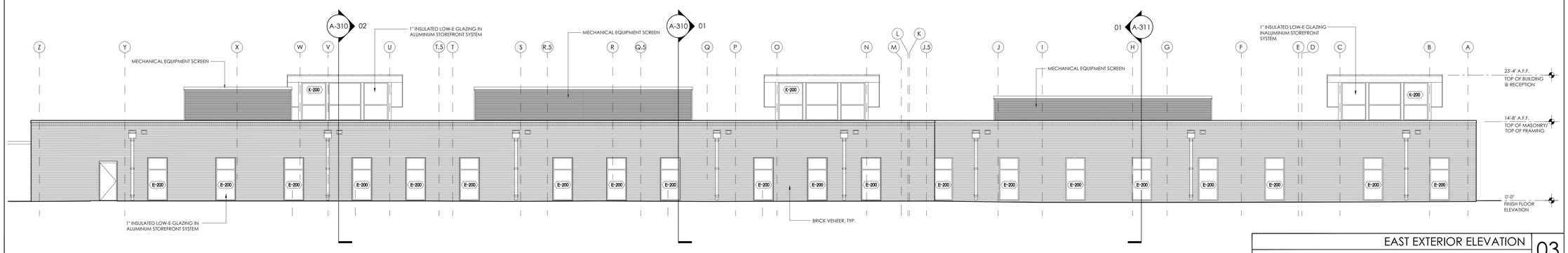
9/23/2020 3:48 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-302 - CD Exterior Elevations - Administrative Building.dwg



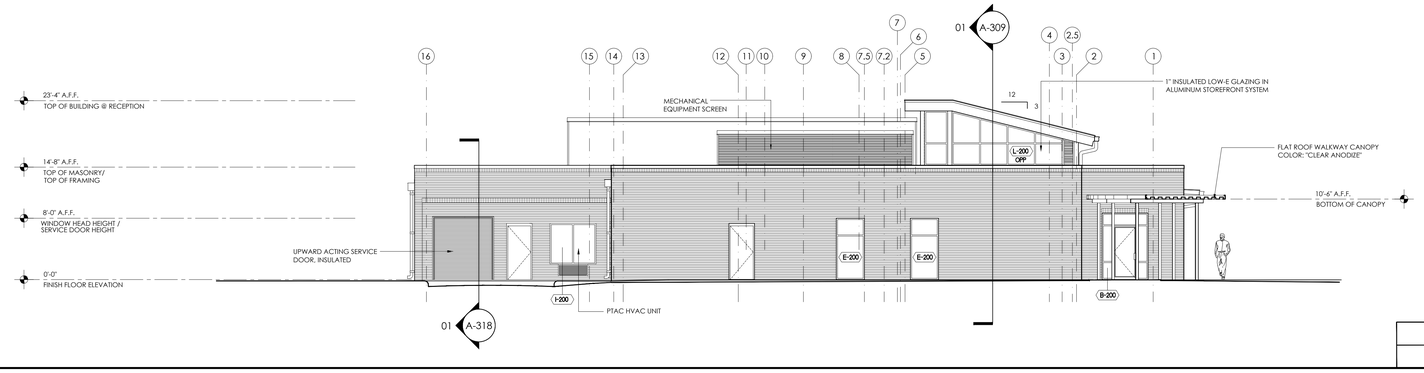
WEST EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 01



SOUTH EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 02



EAST EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 03



NORTH EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 04

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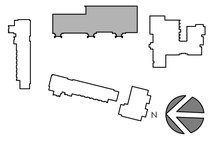


Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

EXTERIOR ELEVATIONS

DINING/SHELTER/STORAGE BUILDING

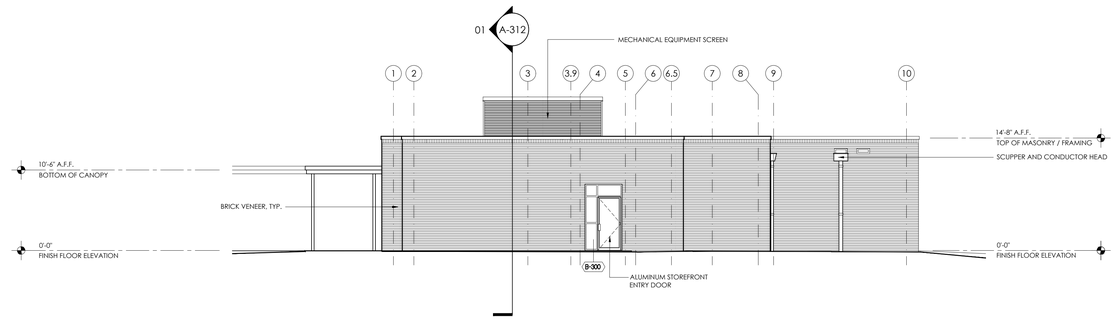
Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

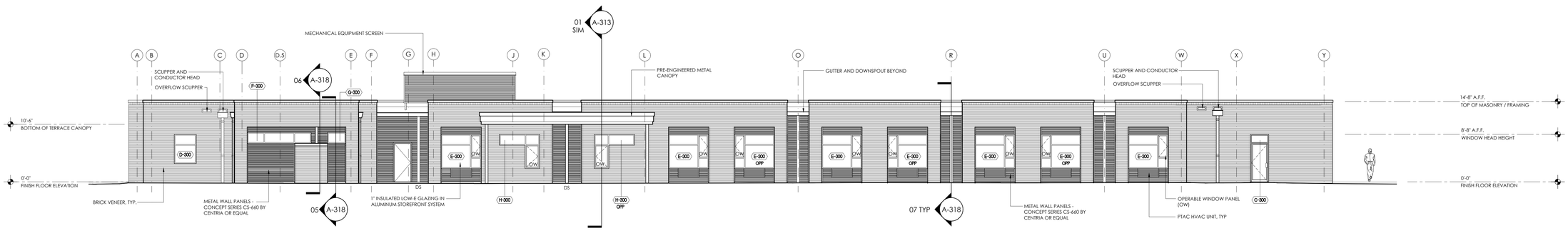
A-303

9/23/2020 3:49 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-303 - CD Exterior Elevations - Dining - Shelter - Storage Building.dwg

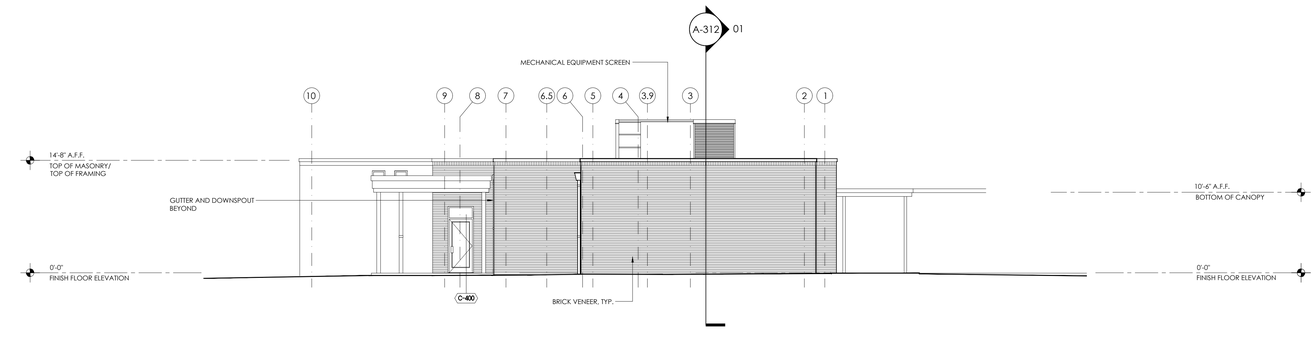
SOUTH EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 01



EAST EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 02



NORTH EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 03



WEST EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 04

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Client

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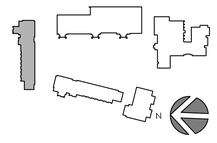
Key Plan



Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

EXTERIOR ELEVATIONS

WOMEN'S RESIDENTIAL BUILDING

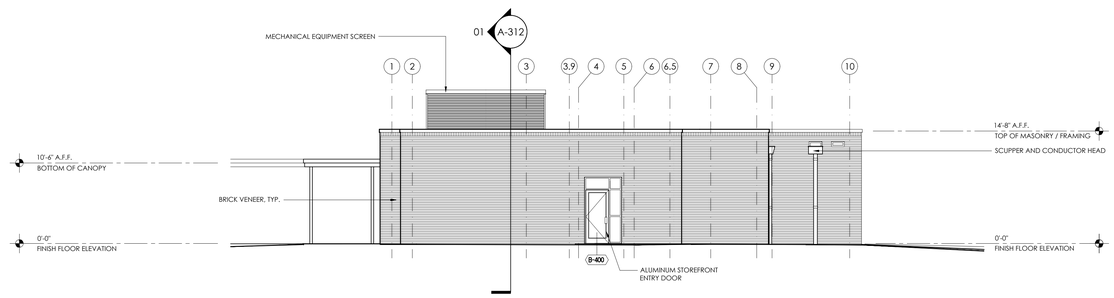
Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

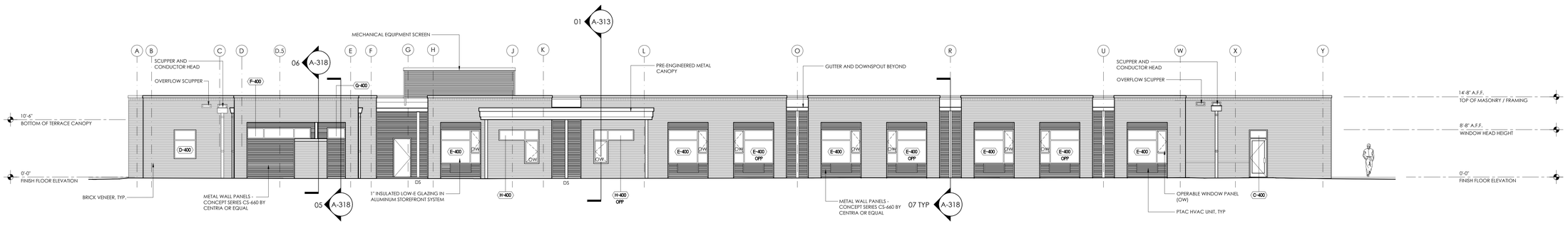
A-304

9/23/2020 3:51 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-304 - CD Exterior Elevations - Women's Residential Building.dwg

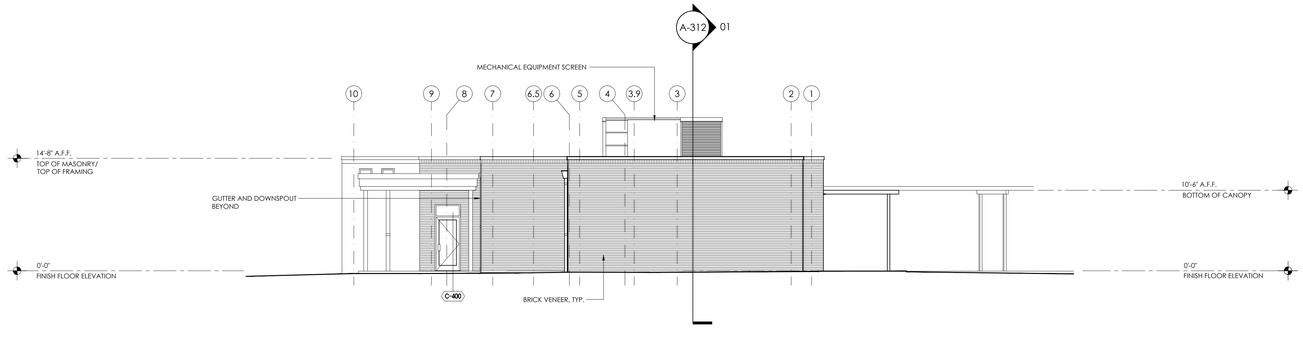
EAST EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 01



NORTH EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 02



WEST EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 03



SOUTH EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 04

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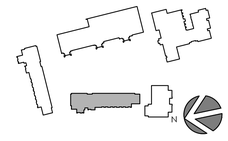


Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

EXTERIOR ELEVATIONS

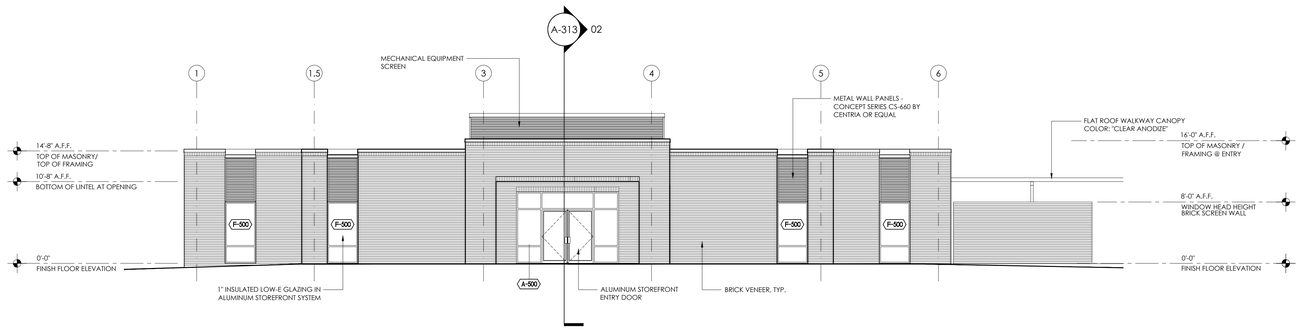
MEN'S RESIDENTIAL BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

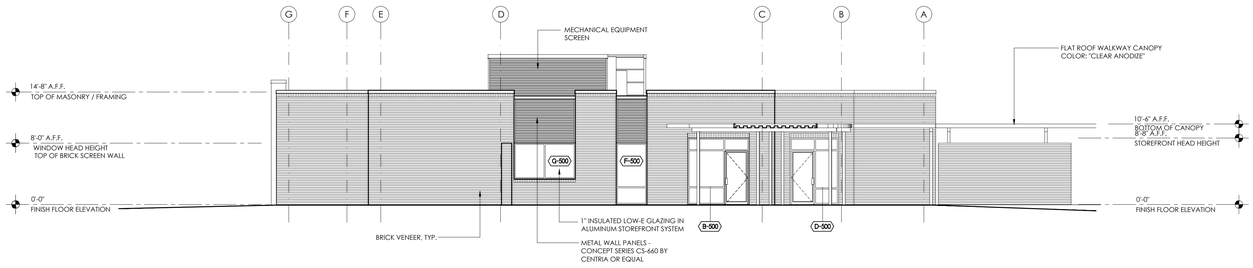
Sheet Number

A-305

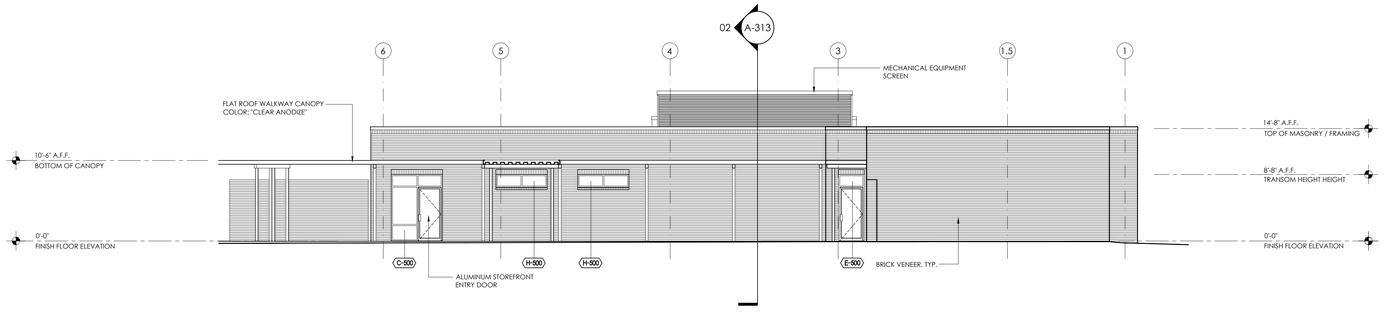
9/23/2020 3:51 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-305 - CD Exterior Elevations - Men's Residential Building.dwg



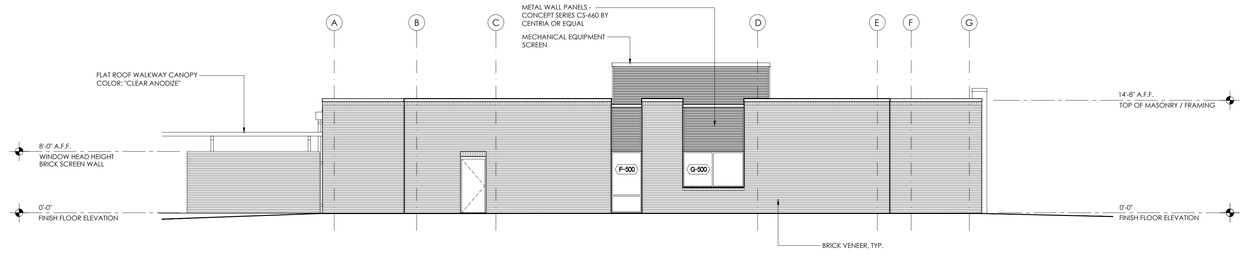
SOUTH EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 01



EAST EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 02



NORTH EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 03



WEST EXTERIOR ELEVATION — SCALE: 1/8" = 1'-0" — 04

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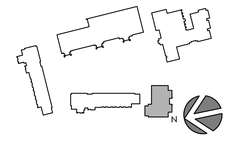


Professional Seals

No.	Description	Date
1	SCHEMATIC DESIGN	11/26/19
2	DESIGN DEVELOPMENT SET	04/09/20
3	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

EXTERIOR ELEVATIONS

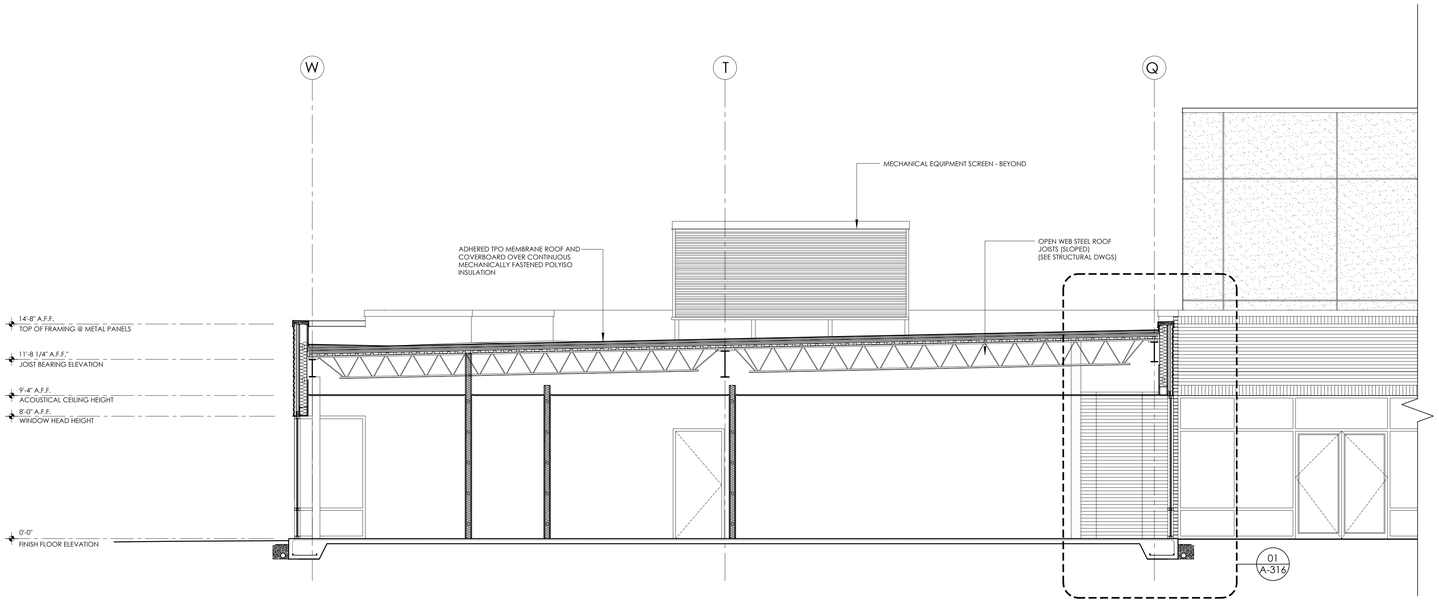
DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

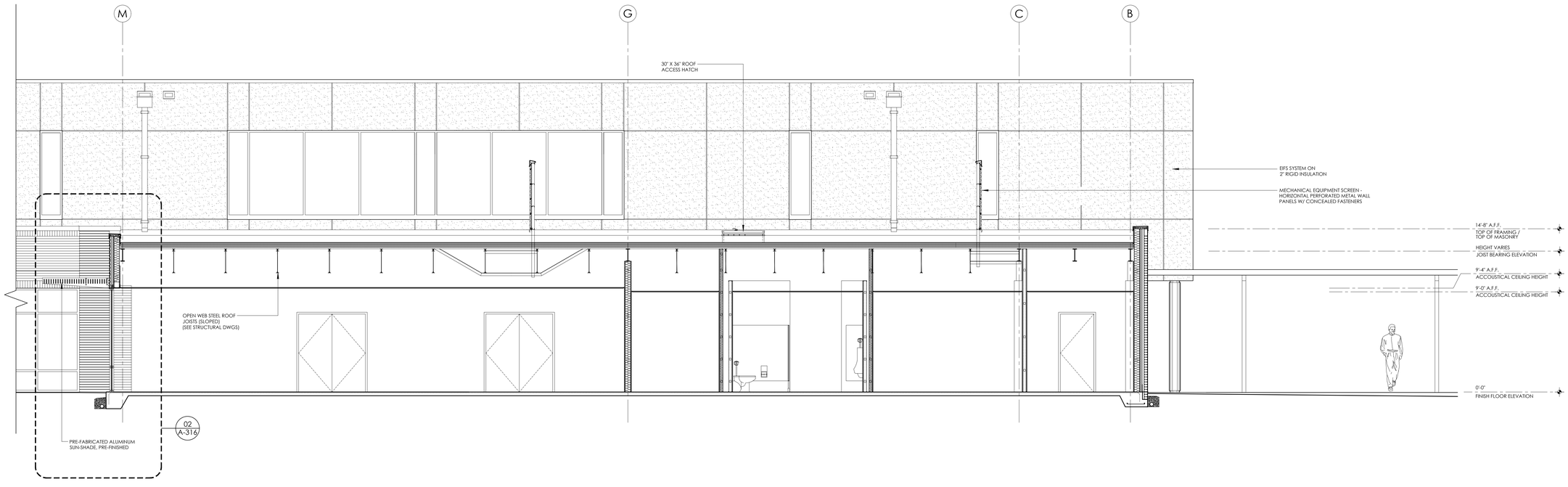
Sheet Number

A-306

9/23/2020 3:52 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-306 - CD Exterior Elevations - Detox Building.dwg



BUILDING SECTION 01
SCALE: 1/4" = 1'-0"



BUILDING SECTION 02
SCALE: 1/4" = 1'-0"

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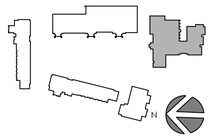


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

BUILDING SECTIONS

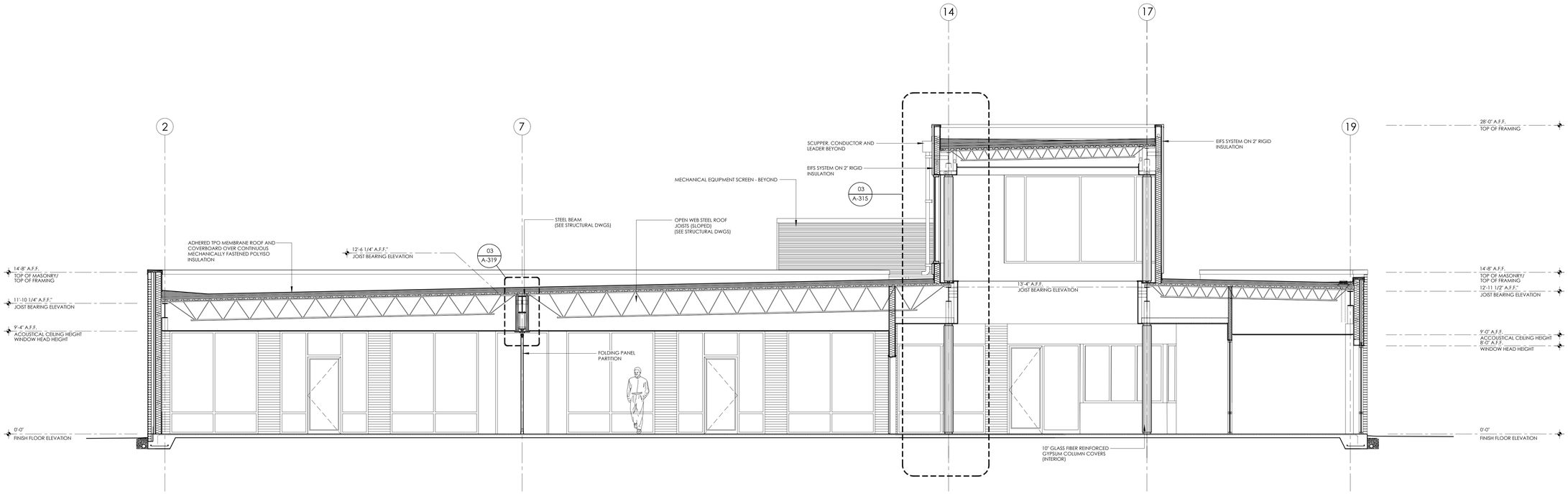
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-307

9/23/2020 3:53 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-307 - CD Building Sections - Administrative Building.dwg



BUILDING SECTION 01

SCALE: 1/4" = 1'-0"

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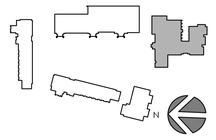


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

BUILDING SECTION

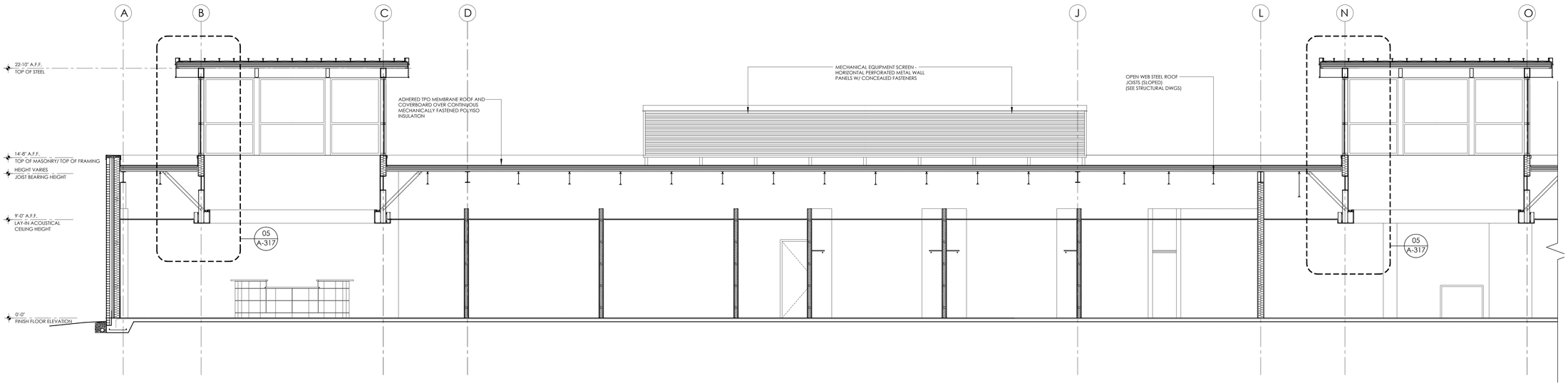
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

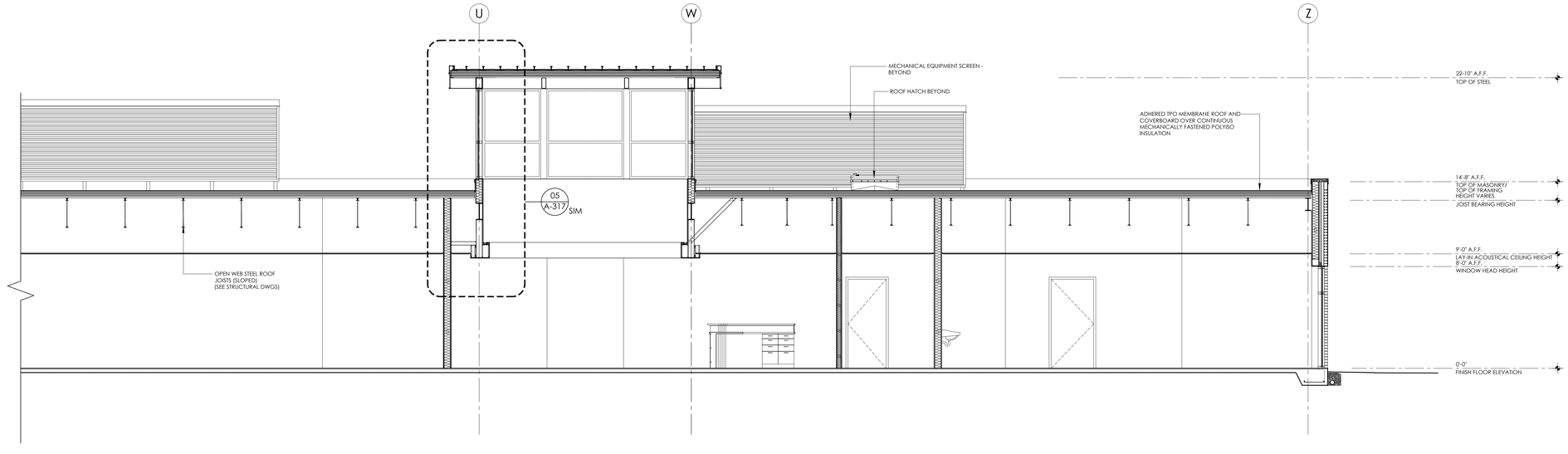
A-308

9/23/2020 3:54 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-308 - CD Building Sections - Administrative Building.dwg



BUILDING SECTION 01

SCALE: 1/4" = 1'-0"



BUILDING SECTION 02

SCALE: 1/4" = 1'-0"

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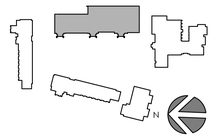


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

BUILDING SECTIONS

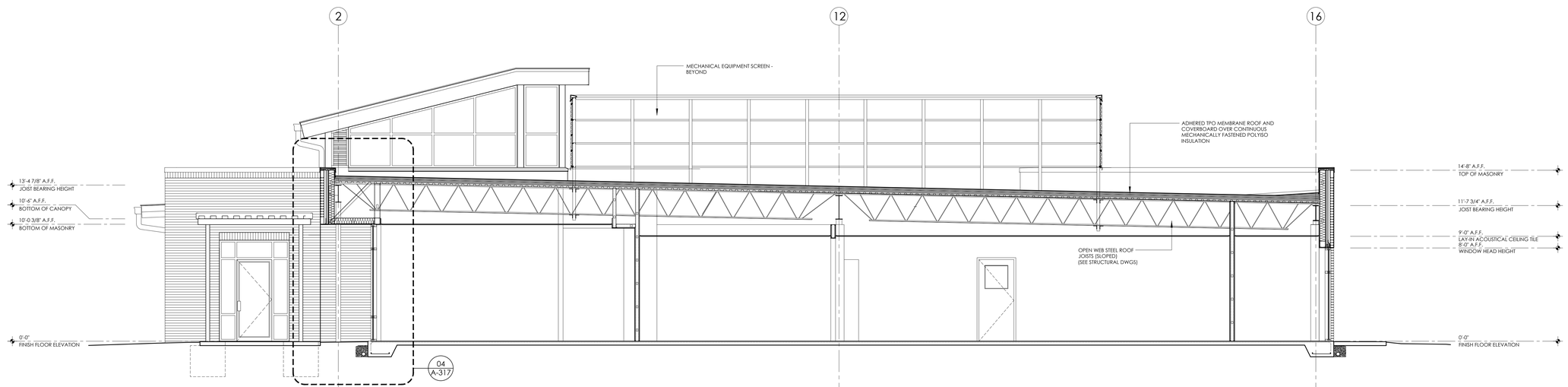
DINING/SHELTER/STORAGE BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

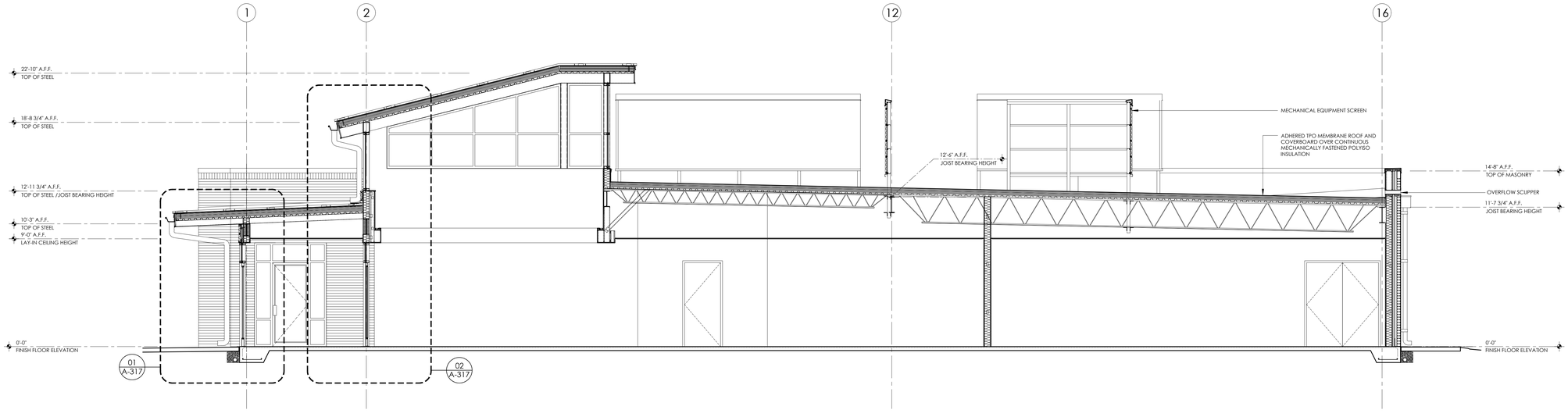
A-309

9/23/2020 3:54 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-309 - CD Building Sections - Dining Shelter.dwg



BUILDING SECTION 01

SCALE: 1/4" = 1'-0"



BUILDING SECTION 02

SCALE: 1/4" = 1'-0"

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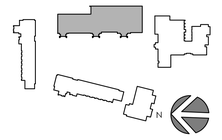


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

BUILDING SECTIONS

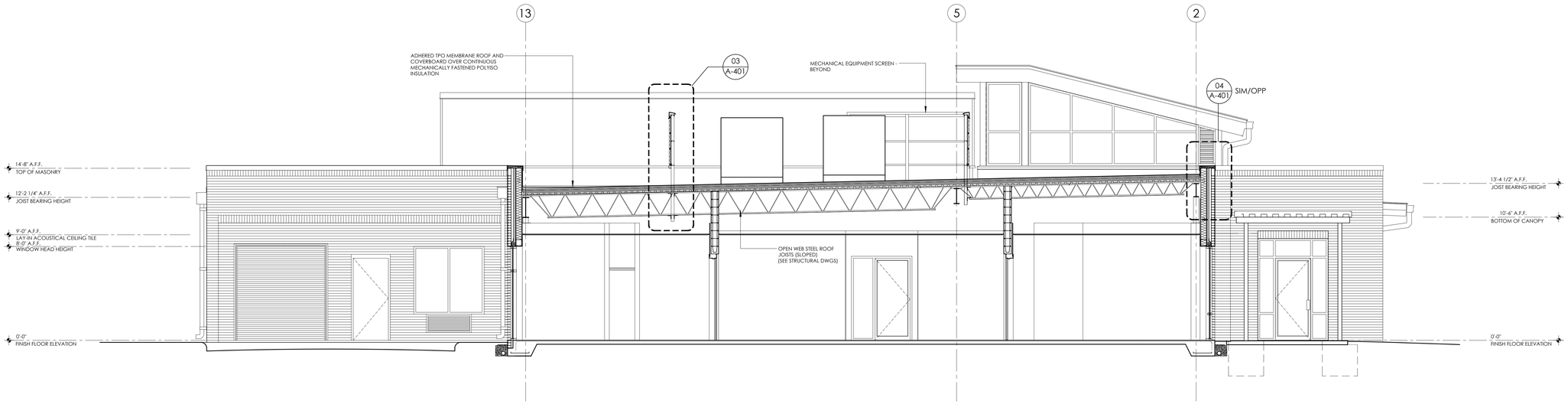
DINING/SHELTER/STORAGE BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

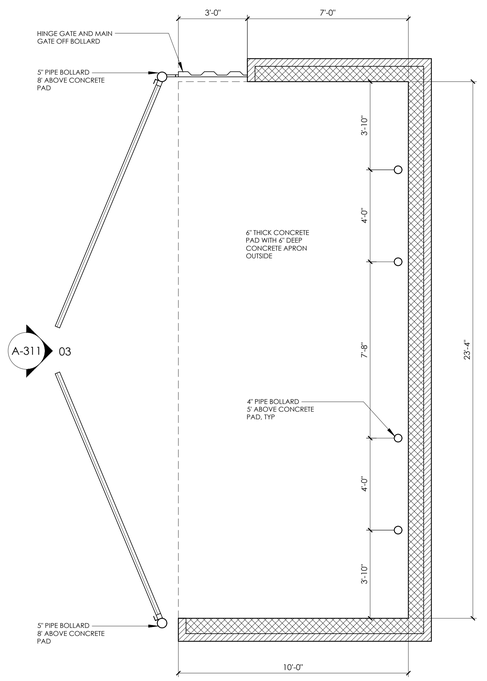
Sheet Number

A-310

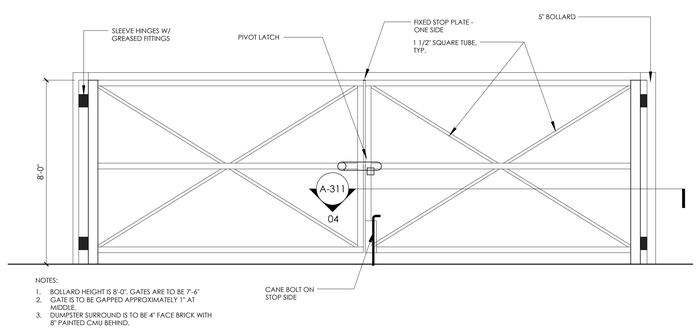
9/23/2020 3:55 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-310 - CD Building Sections - Dining Shelter.dwg



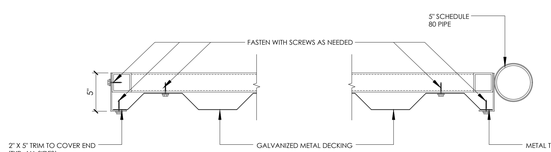
BUILDING SECTION 01
SCALE: 1/4" = 1'-0"



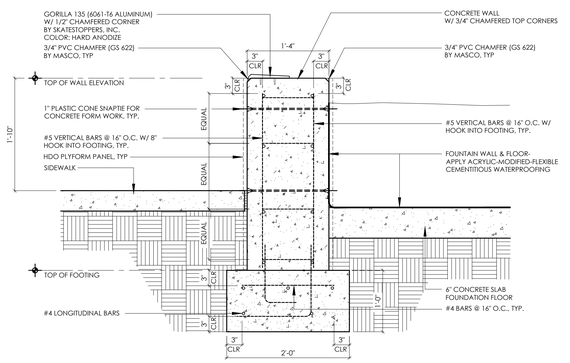
ENLARGED PLAN 02
SCALE: 3/8" = 1'-0"



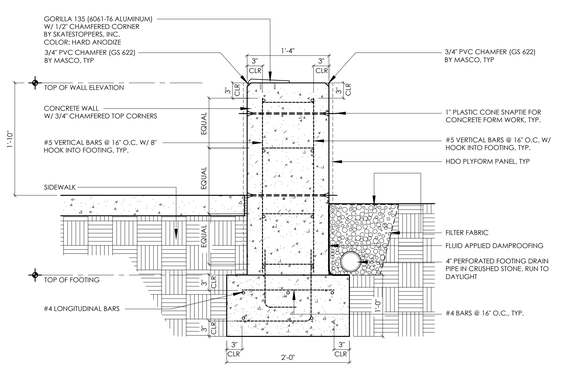
ENLARGED ELEVATION 03
SCALE: 3/8" = 1'-0"



PLAN DETAIL 04
SCALE: 1 1/2" = 1'-0"



SECTION DETAIL 05
SCALE: 1" = 1'-0"



SECTION DETAIL 06
SCALE: 1" = 1'-0"

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Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

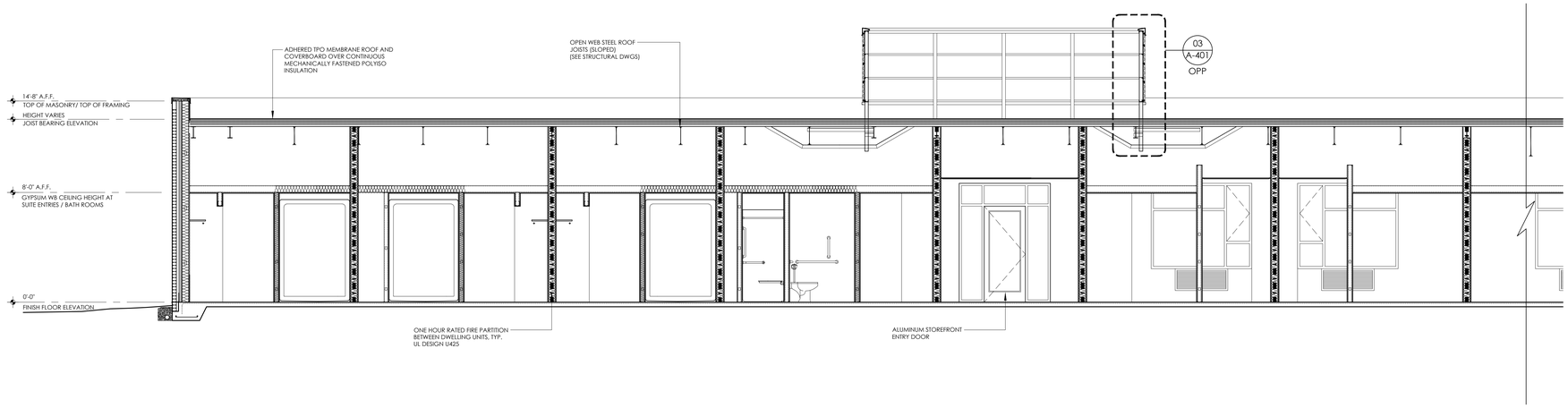
BUILDING SECTION & DETAILS
DINING/SHELTER/STORAGE BUILDING

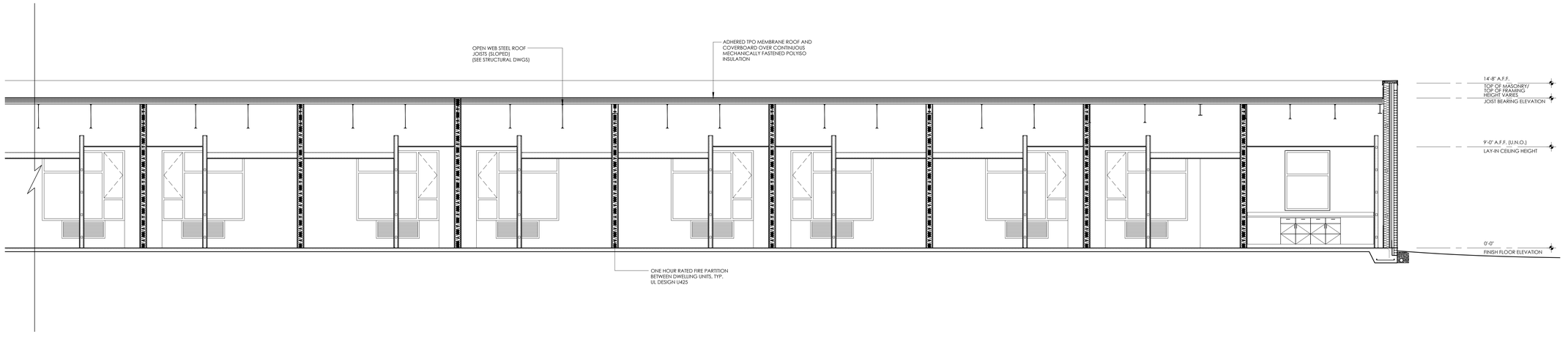
Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-311

9/23/2020 3:56 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-311 - CD Building Sections - Dining Shelter.dwg





BUILDING SECTION
SCALE: 1/4" = 1'-0"
01

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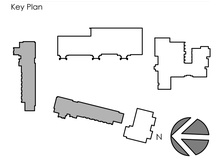


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

BUILDING SECTION

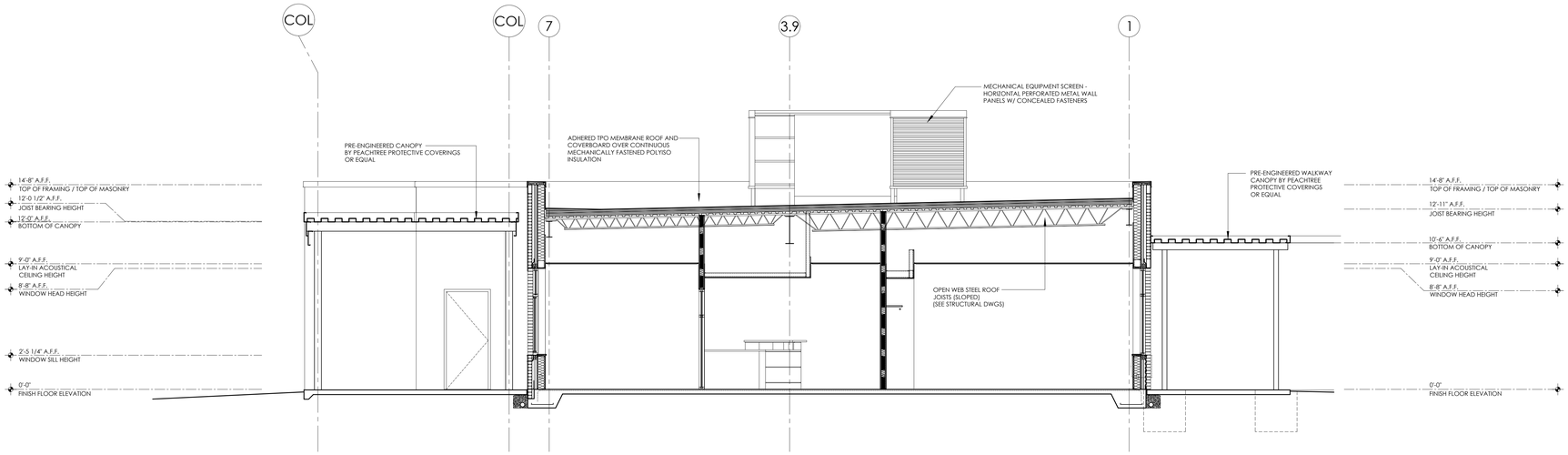
WOMEN'S & MEN'S RESIDENTIAL BUILDINGS

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

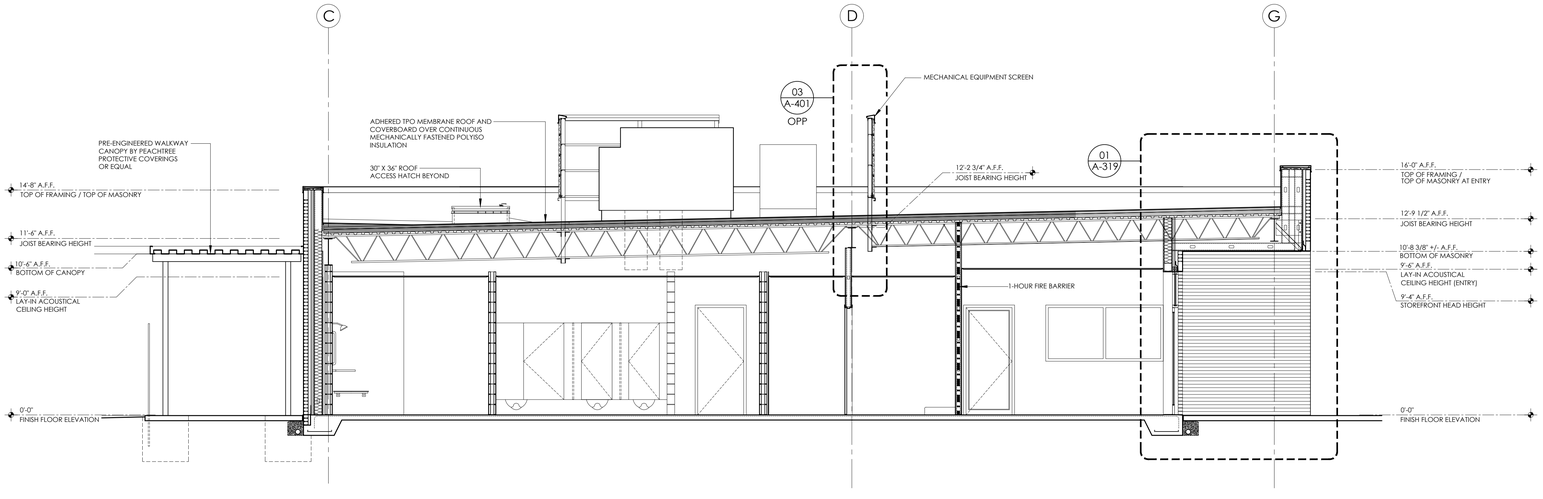
A-312

9/23/2020 3:57 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-312 - CD Building Sections - Residential Building.dwg



BUILDING SECTION - RESIDENTAIL BUILDINGS | 01

SCALE: 1/4" = 1'-0"



BUILDING SECTION - DETOX BUILDING | 02

SCALE: 1/4" = 1'-0"

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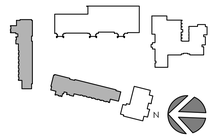


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

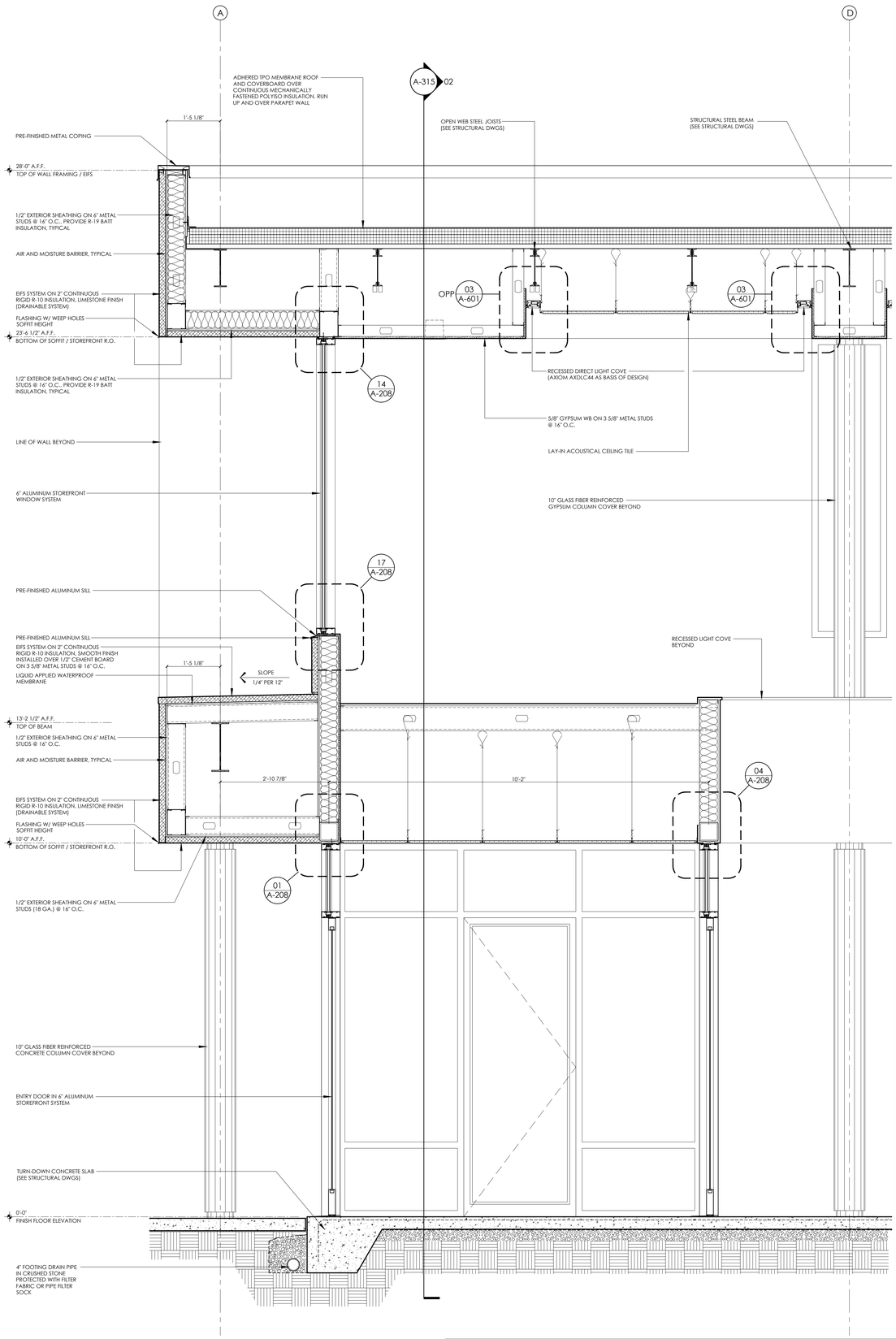
BUILDING SECTIONS
WOMEN'S & MEN'S
RESIDENTIAL & DETOX
BUILDINGS

Original drawing is 42 x 30 Do not scale contents of this drawing

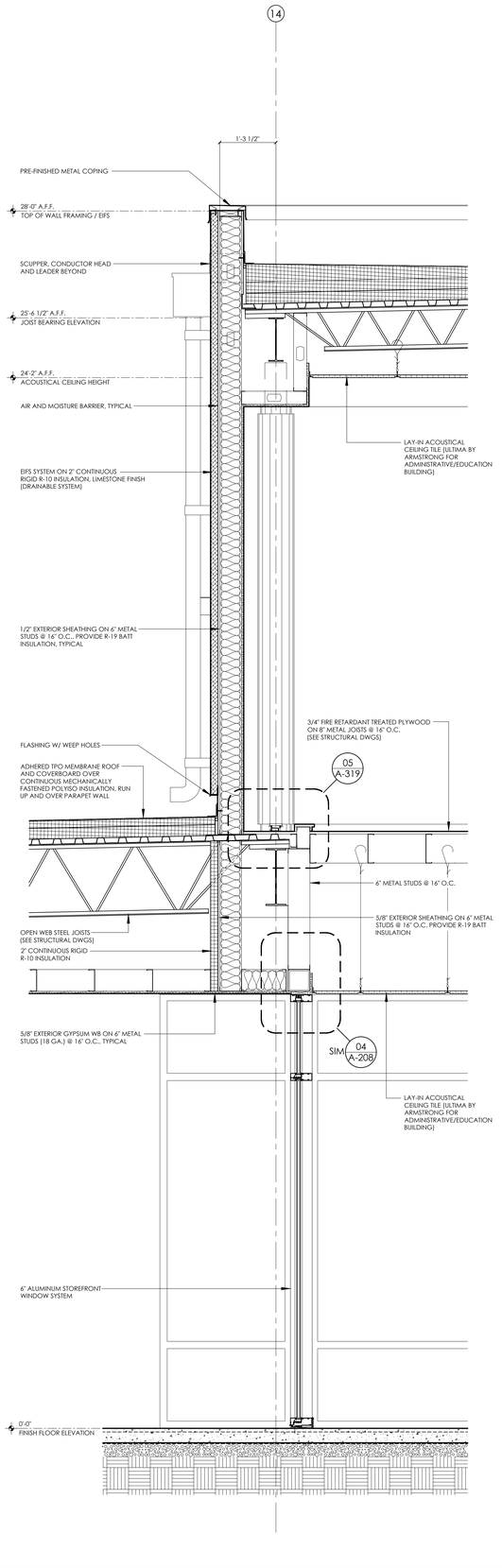
Sheet Number

A-313

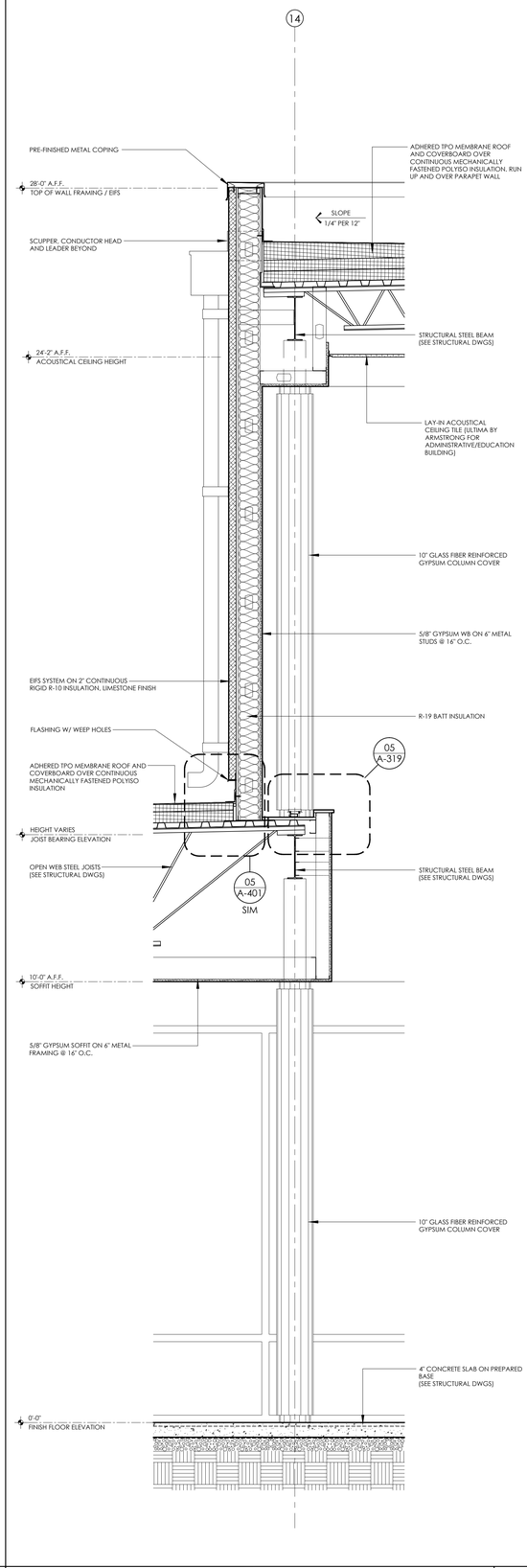
9/23/2020 3:58 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-313 - CD Building Sections - Residential Building and Detox Building.dwg



WALL SECTION 01
SCALE: 3/4" = 1'-0"



WALL SECTION 02
SCALE: 3/4" = 1'-0"



WALL SECTION 03
SCALE: 3/4" = 1'-0"

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Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

WALL SECTIONS

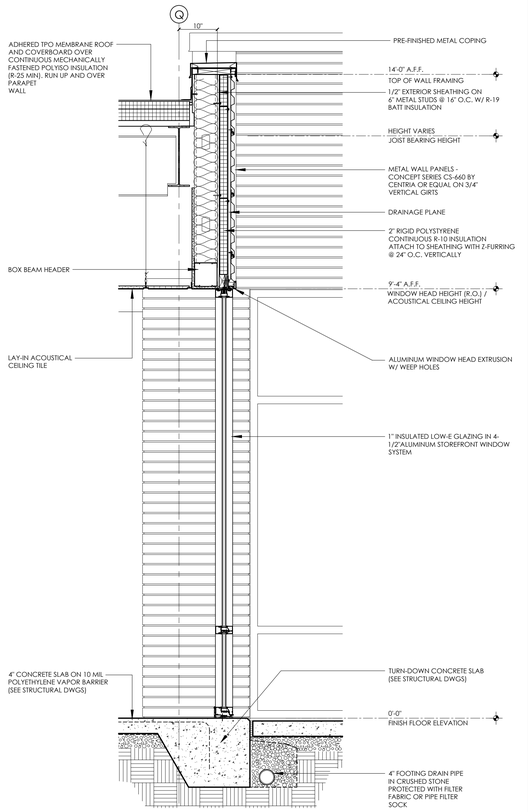
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

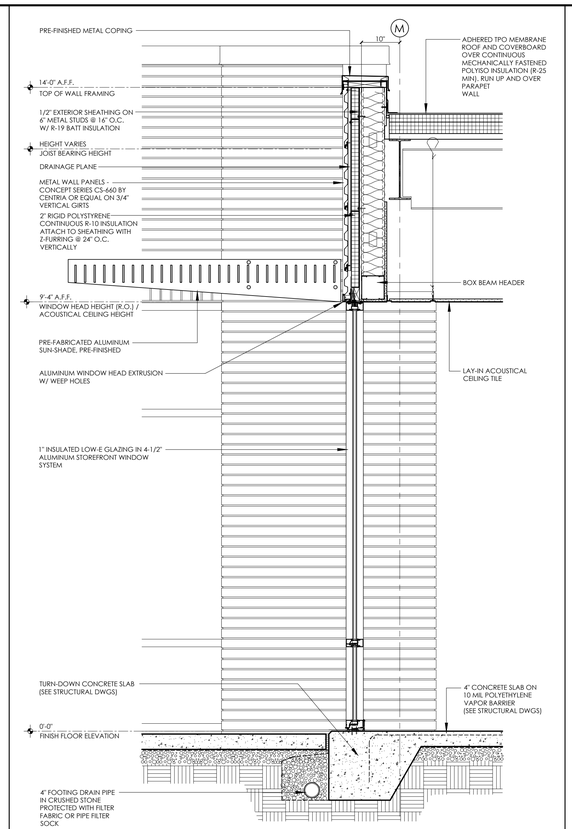
A-315

9/23/2020 4:02 PM P:\16HTWILMING\Construction Documents\CD\16HTWILMING - A-315 - CD Wall Sections.dwg



WALL SECTION 01

SCALE: 3/4" = 1'-0"



WALL SECTION 02

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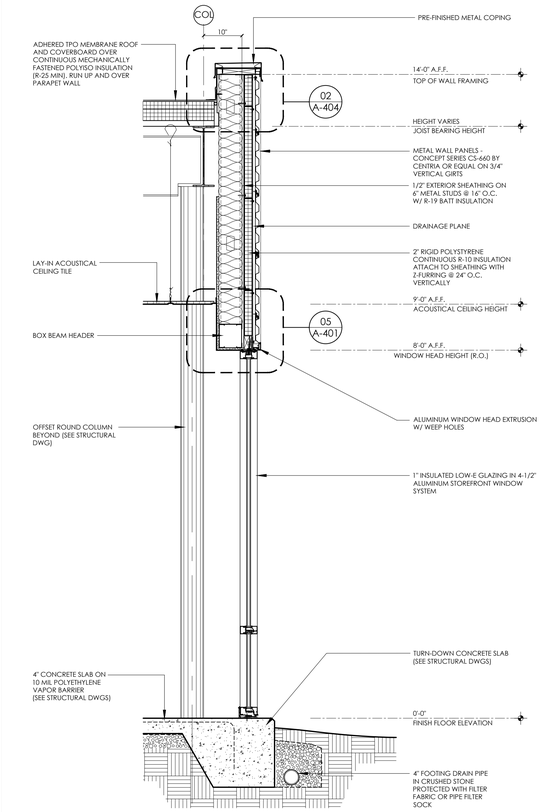
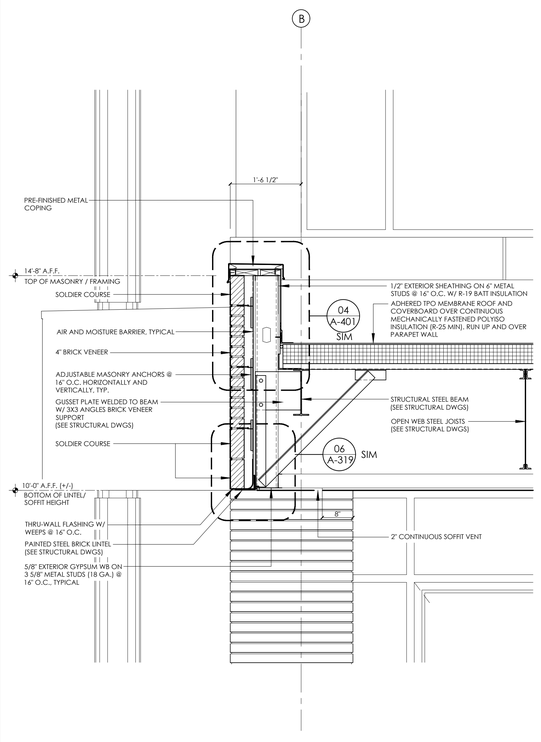


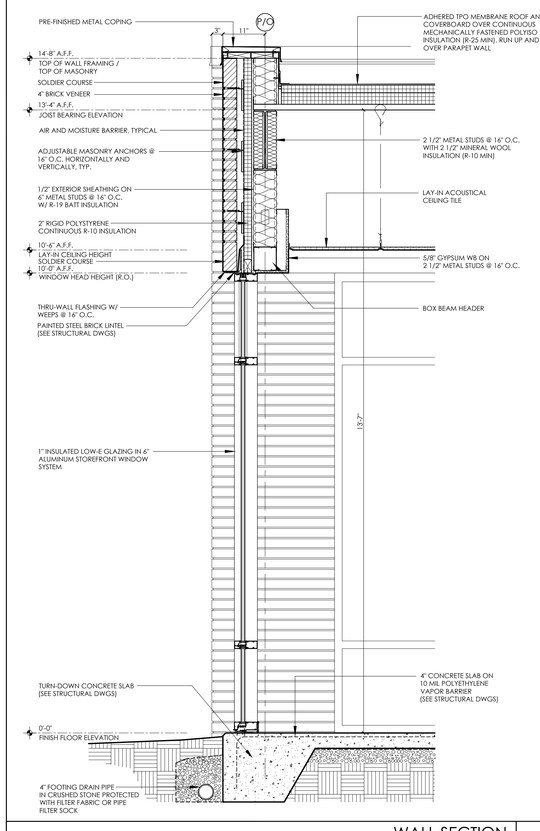
WALL SECTION 03

SCALE: 3/4" = 1'-0"



WALL SECTION 04

SCALE: 3/4" = 1'-0"



WALL SECTION 05

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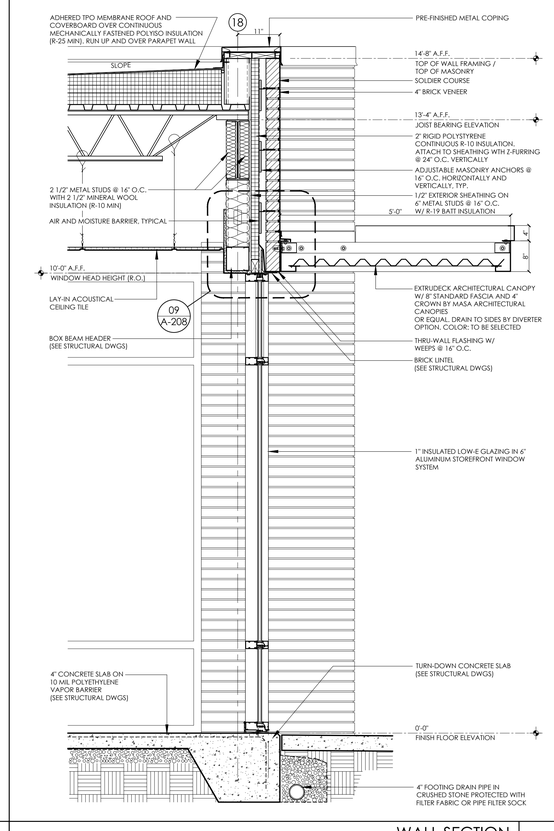
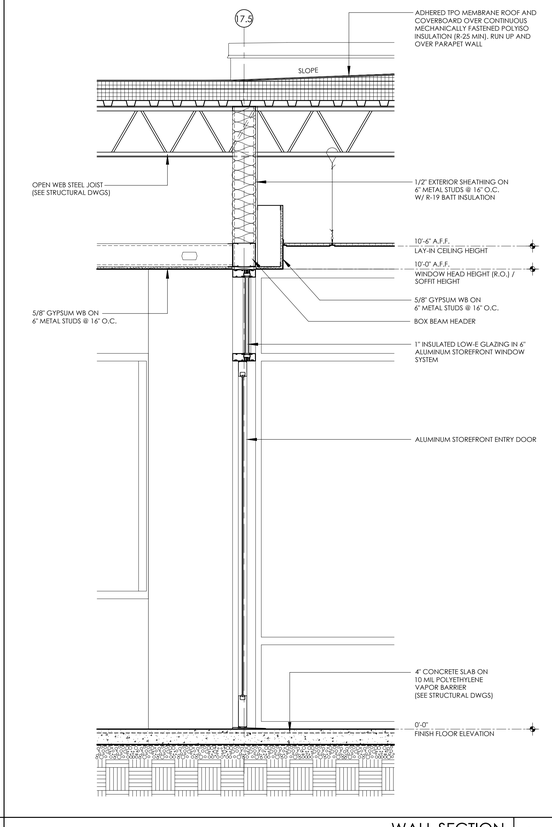


WALL SECTION 06

SCALE: 3/4" = 1'-0"



WALL SECTION 07

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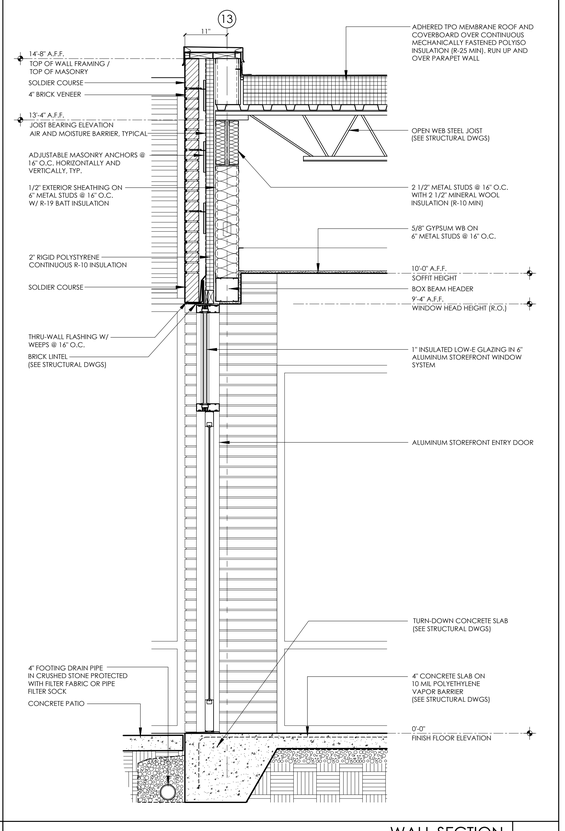

WALL SECTION 08

SCALE: 3/4" = 1'-0"

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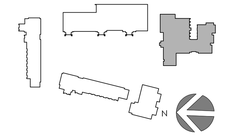


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

WALL SECTIONS

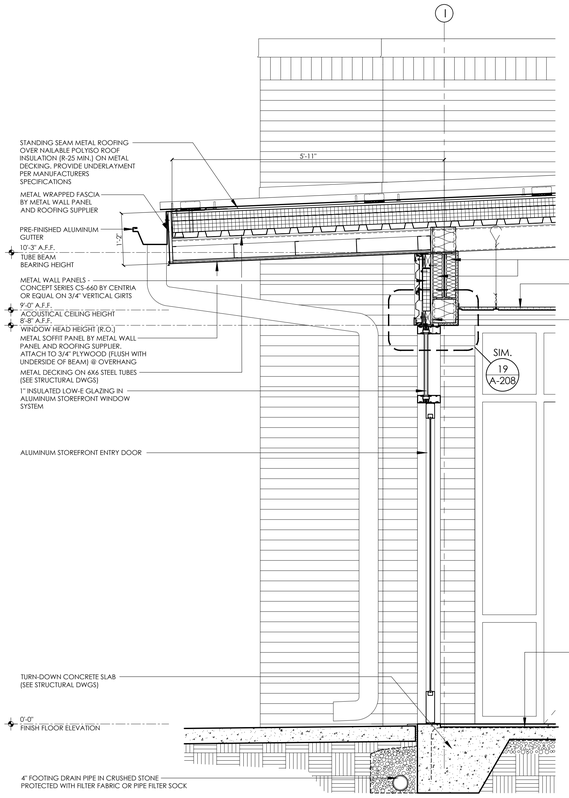
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

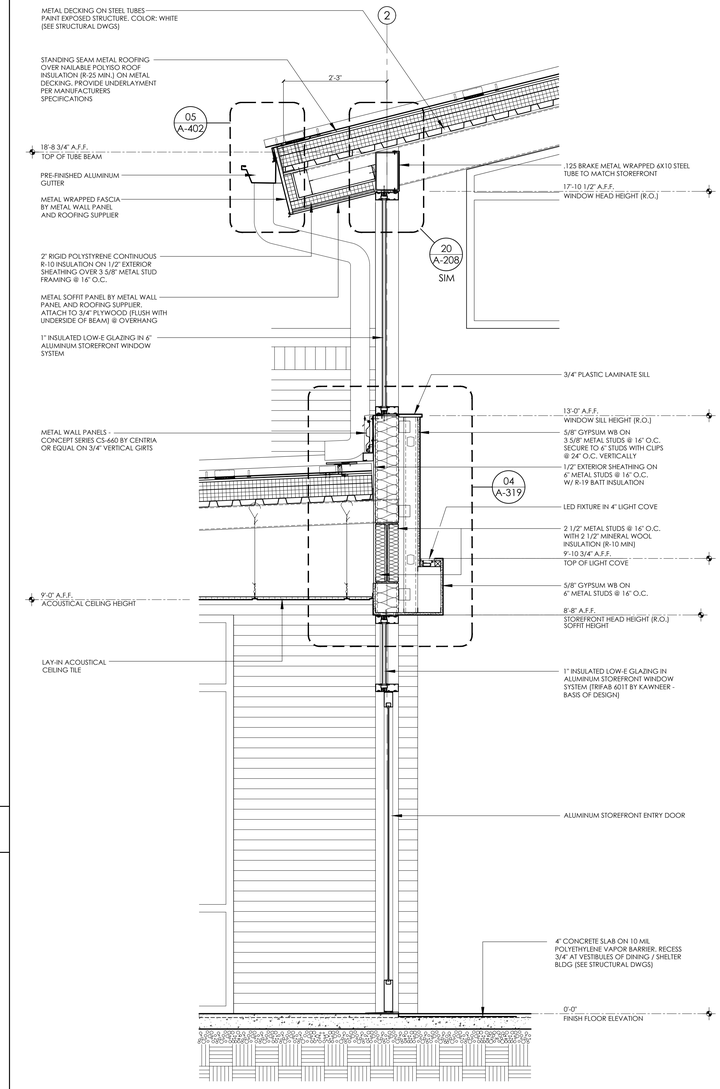
A-316

9/23/2020 4:03 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-316 - CD Wall Sections.dwg



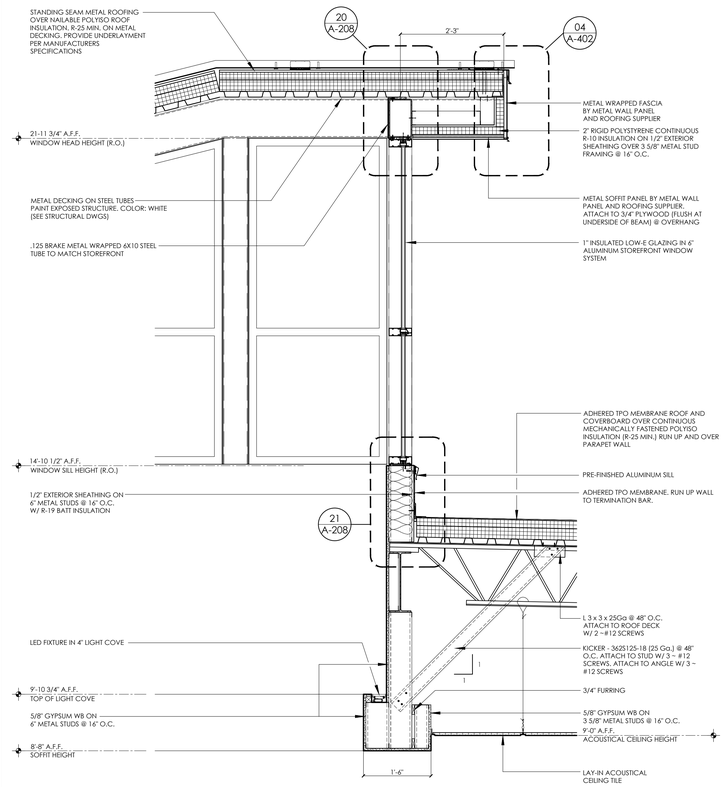
WALL SECTION 01

SCALE: 3/4" = 1'-0"



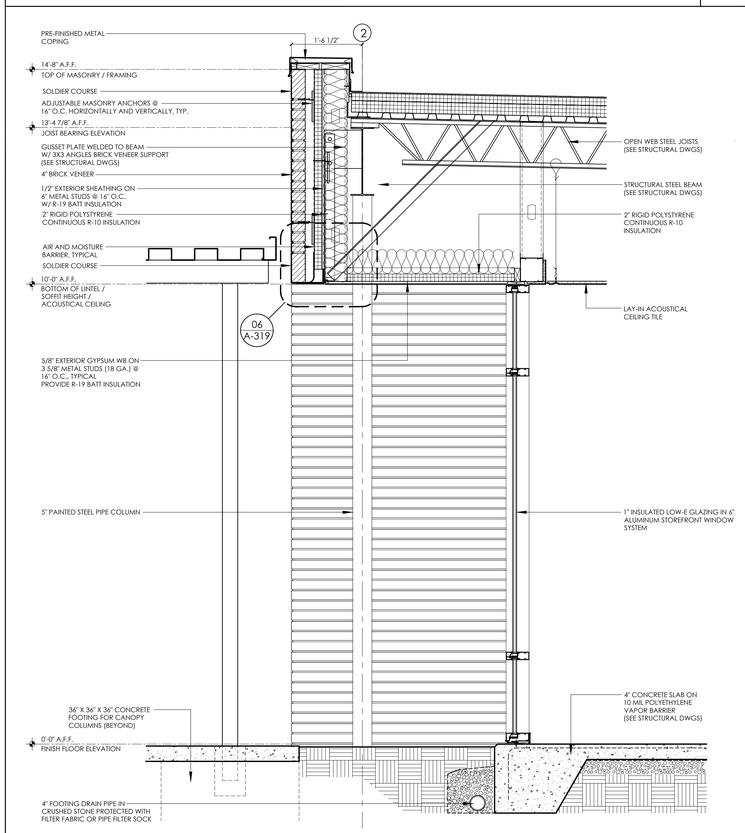
WALL SECTION 02

SCALE: 3/4" = 1'-0"



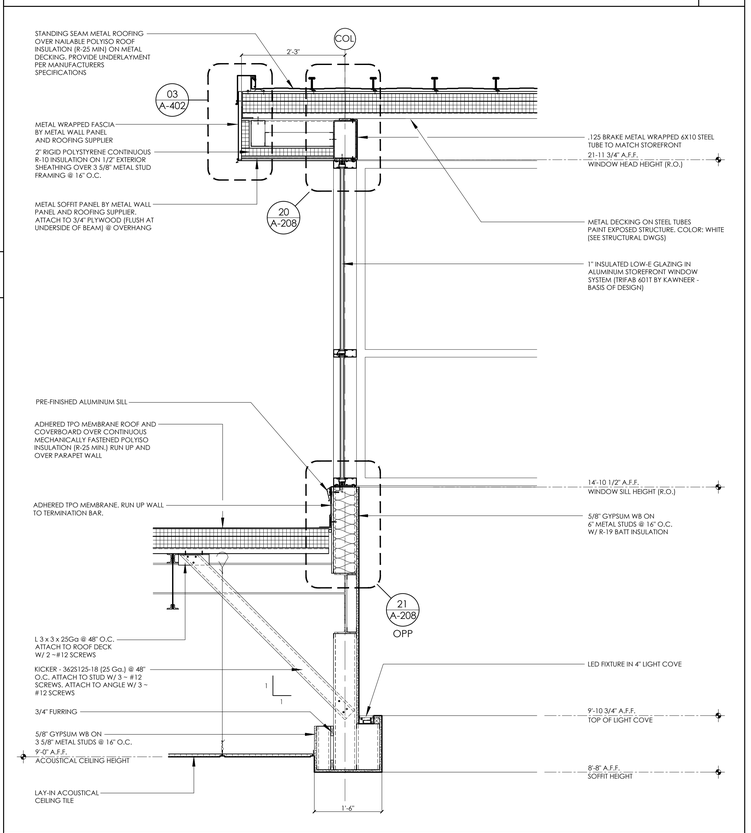
WALL SECTION 03

SCALE: 3/4" = 1'-0"



WALL SECTION 04

SCALE: 3/4" = 1'-0"



WALL SECTION 05

SCALE: 3/4" = 1'-0"

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Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

WALL SECTIONS

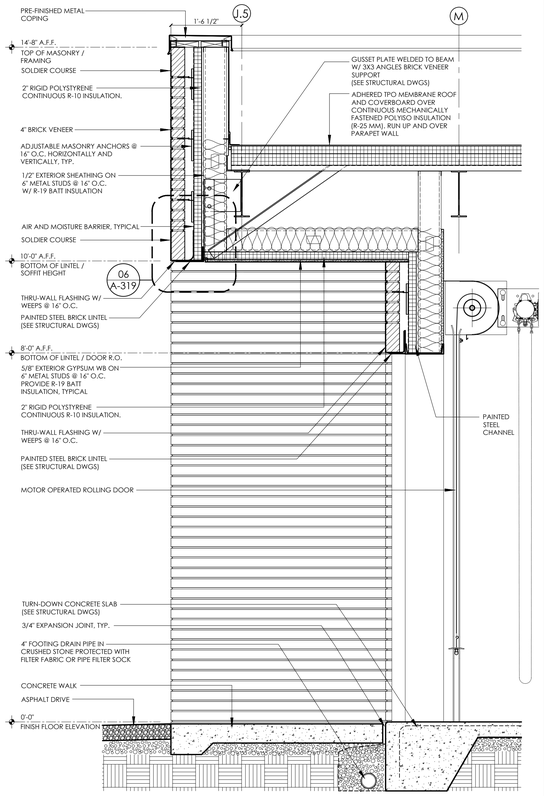
DINING / SHELTER BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

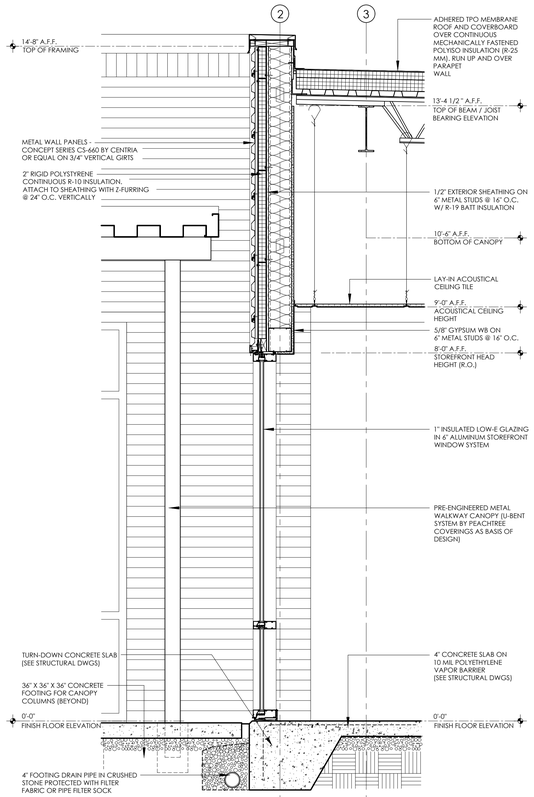
A-317

9/23/2020 4:04 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-317 - CD Wall Sections.dwg



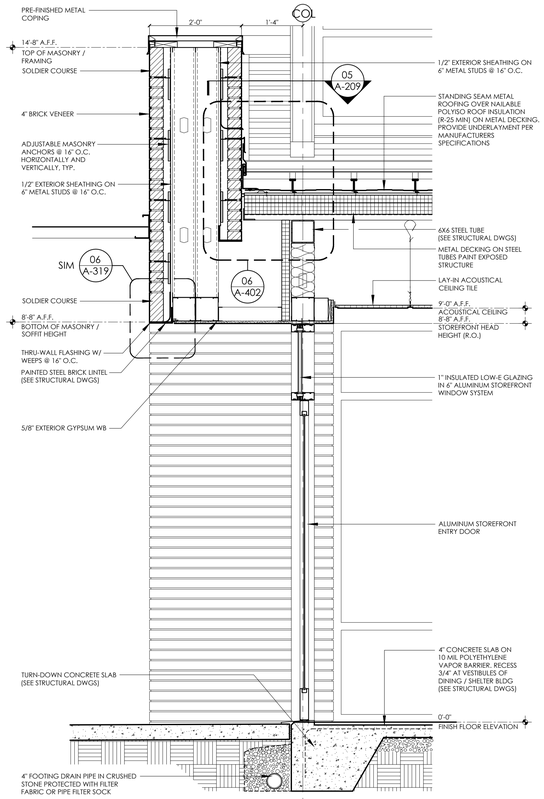
WALL SECTION 01

SCALE: 3/4" = 1'-0"



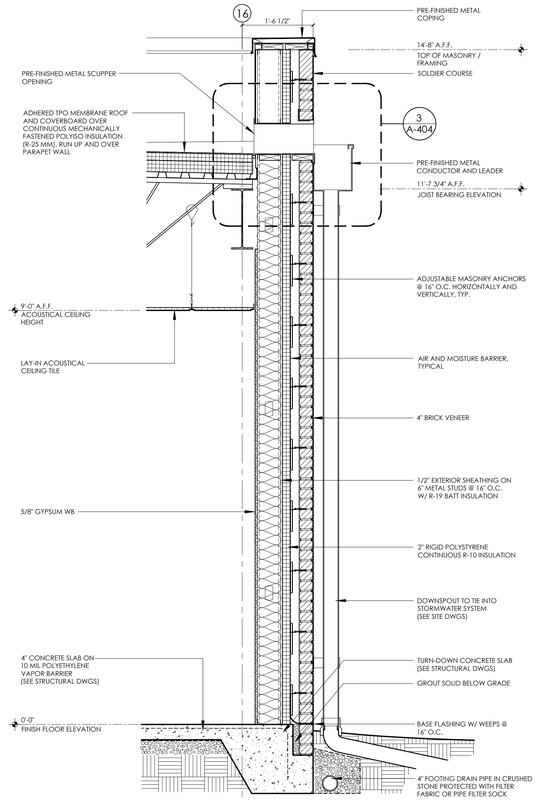
WALL SECTION 02

SCALE: 3/4" = 1'-0"



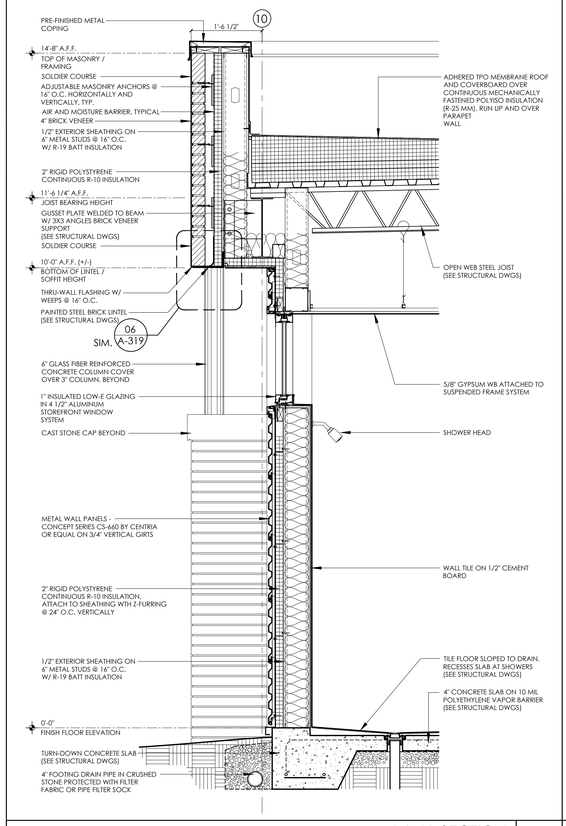
WALL SECTION 03

SCALE: 3/4" = 1'-0"



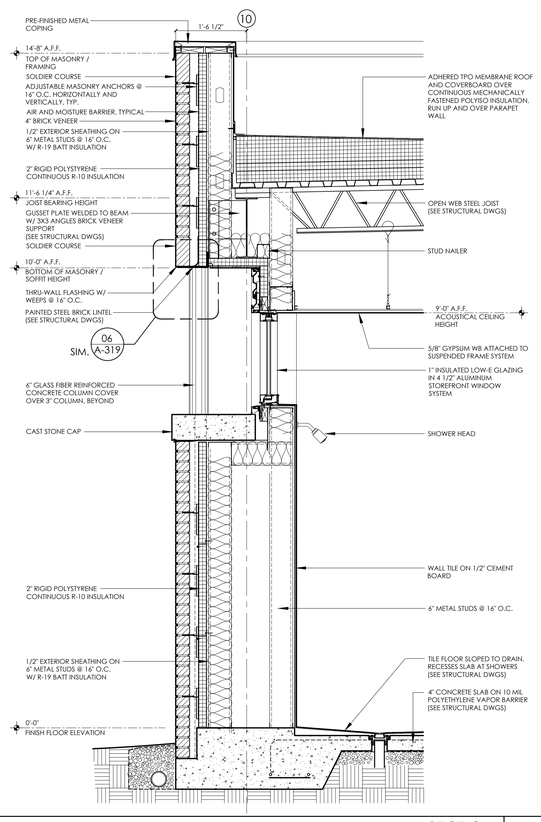
WALL SECTION 04

SCALE: 3/4" = 1'-0"



WALL SECTION 05

SCALE: 3/4" = 1'-0"



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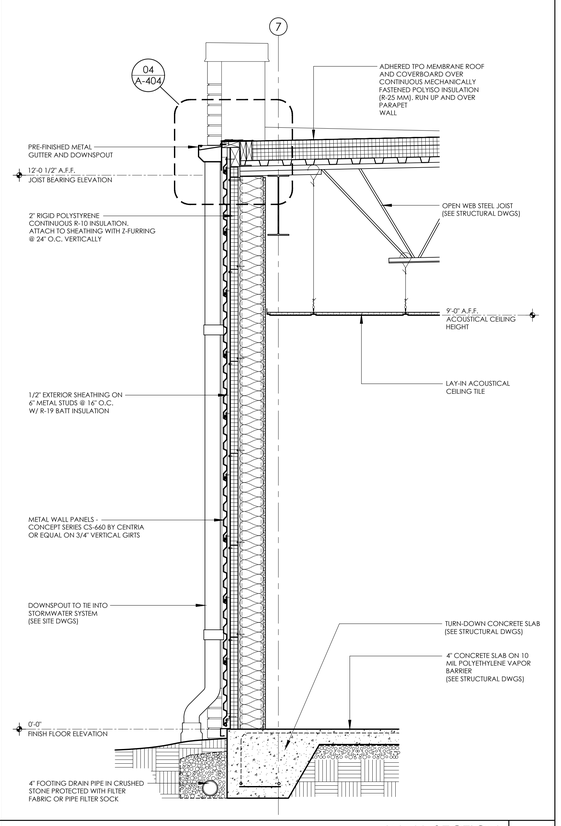

WALL SECTION 07

SCALE: 3/4" = 1'-0"

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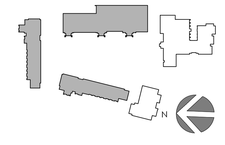


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

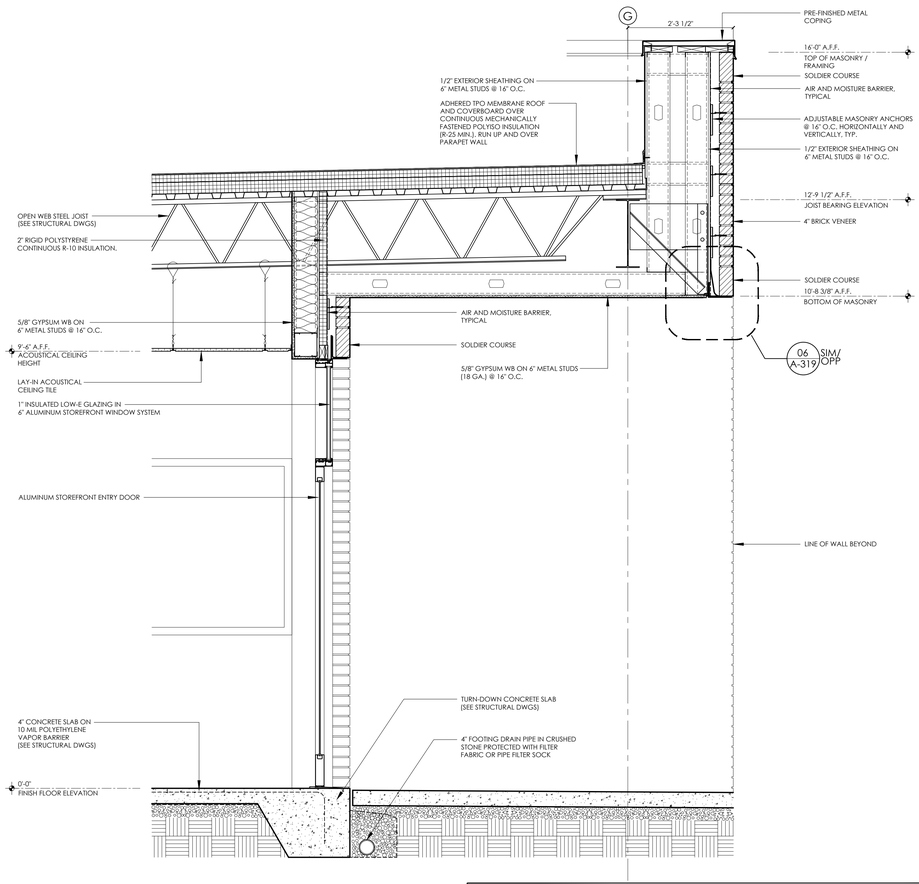
WALL SECTIONS
DINING/SHELTER/STORAGE
RESIDENTIAL BUILDINGS

Original drawing is 42 x 30 Do not scale contents of this drawing

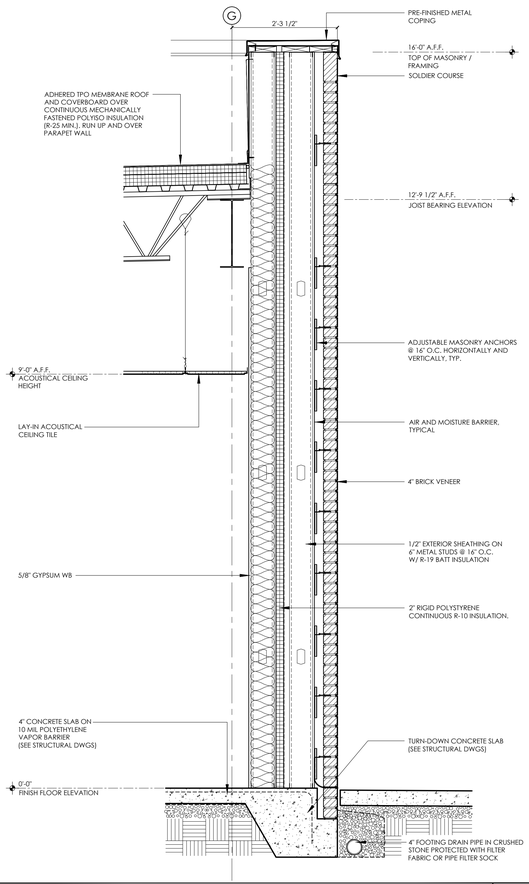
Sheet Number

A-318

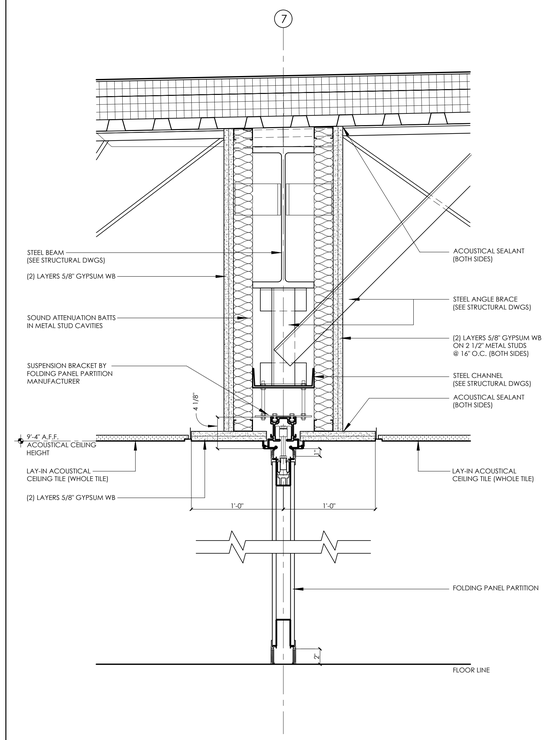
9/23/2020 4:06 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-318 CD Wall Sections.dwg



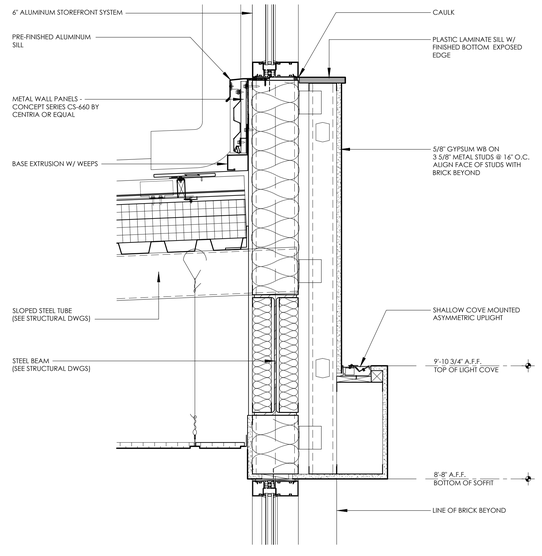
WALL SECTION 01
SCALE: 3/4" = 1'-0"



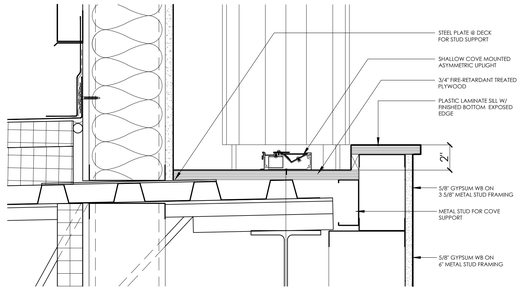
WALL SECTION 02
SCALE: 3/4" = 1'-0"



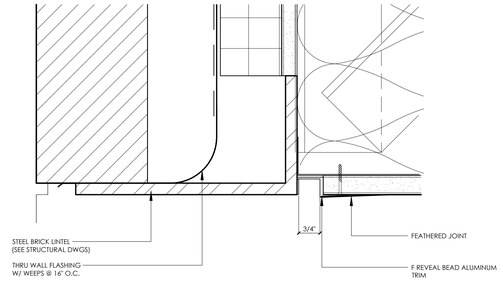
SECTION 03
SCALE: 1 1/2" = 1'-0"



SECTION 04
SCALE: 1 1/2" = 1'-0"



SECTION 05
SCALE: 1 1/2" = 1'-0"



SECTION 06
SCALE: 1 1/2" = 1'-0"

SECTION 07
SCALE: 1 1/2" = 1'-0"

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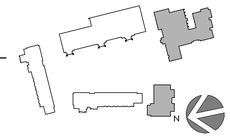


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

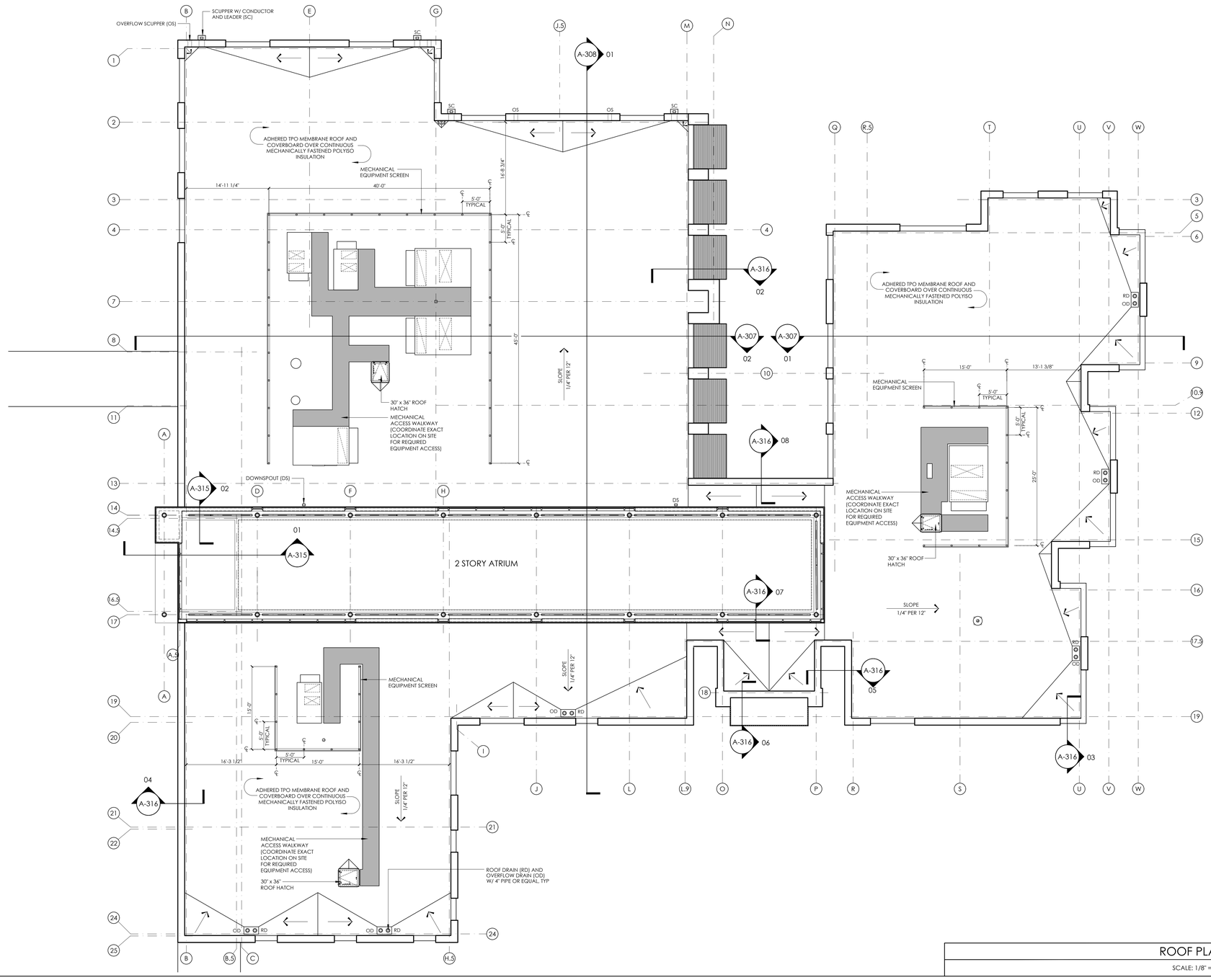
WALL SECTIONS

Original drawing is 42 x 30 Do not scale contents of this drawing

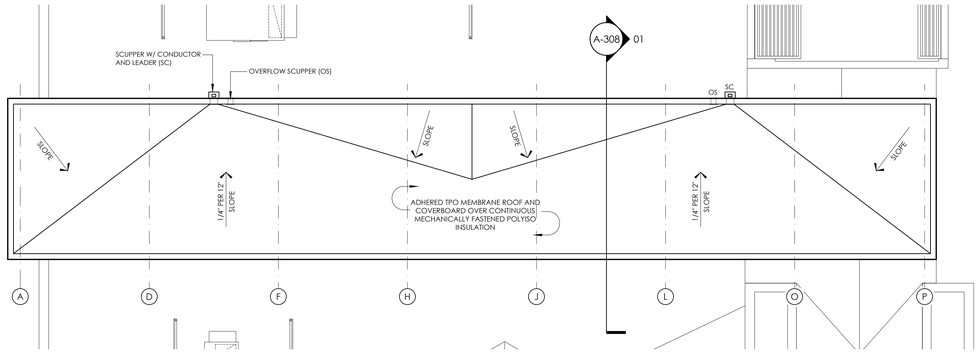
Sheet Number

A-319

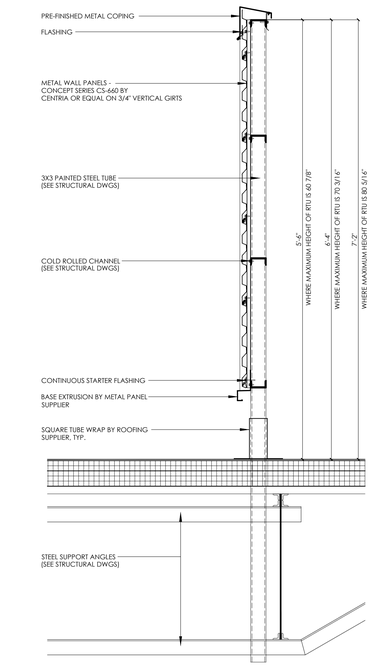
9/23/2020 4:07 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-319 - CD Wall Sections.dwg



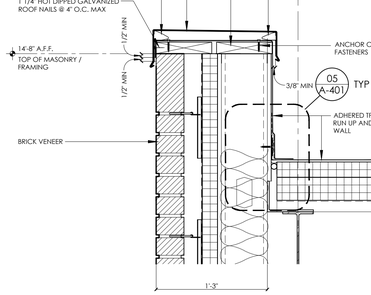
ROOF PLAN 01
SCALE: 1/8" = 1'-0"



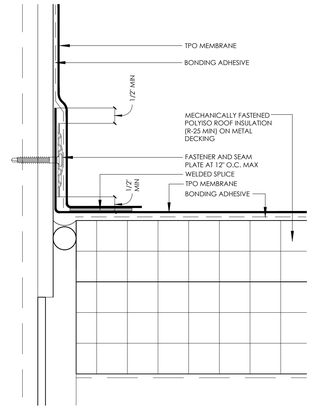
ATRIUM ROOF PLAN 02
SCALE: 1/8" = 1'-0"



ROOF SCREEN SECTION 03
SCALE: 1" = 1'-0"



ROOF DETAIL 04
SCALE: 1 1/2" = 1'-0"



ENLARGED SECTION 05
SCALE: 6" = 1'-0"

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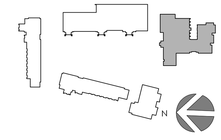


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

ROOF PLANS

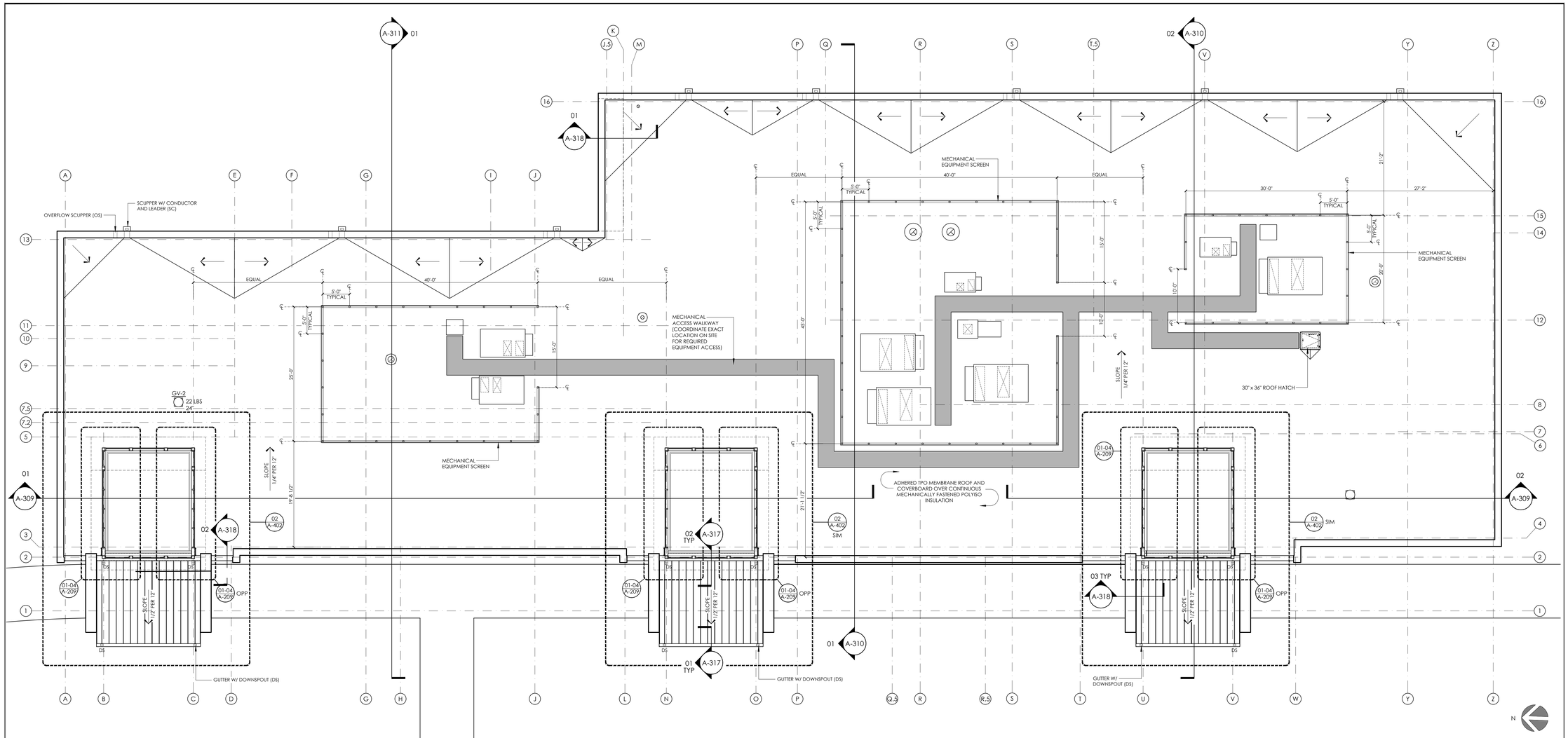
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

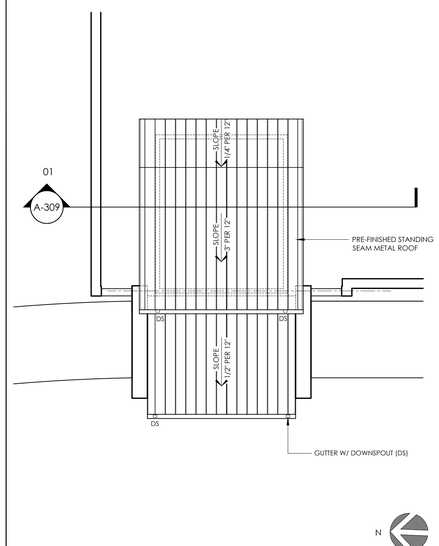
A-401

9/23/2020 4:09 PM P:\16HTWILMING\Construction Documents\CD\16HTWILMING - A-401 - CD Roof Plan - Administrative Building.dwg



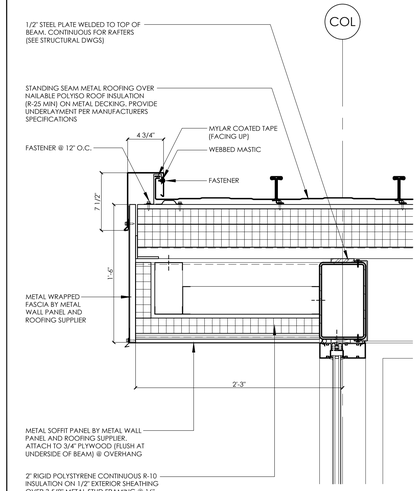
ROOF PLAN 01

SCALE: 1/8" = 1'-0"



PARTIAL ROOF PLAN 02

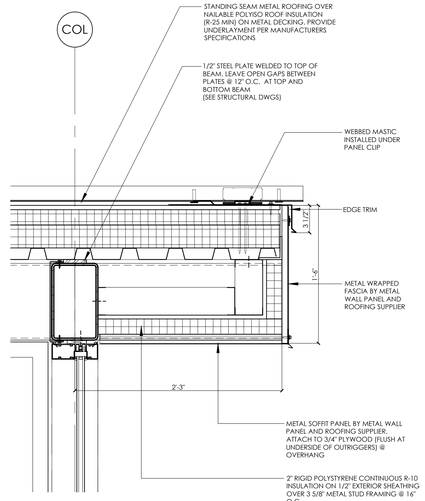
SCALE: 1/8" = 1'-0"



NOTE: VERIFY ALL DIMENSIONS SHOWN FOR ROOFING COMPONENTS WITH ROOFING SUPPLIER. ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS SUPERCEDE PROVIDED DETAILS FOR ROOFING

ROOF DETAIL 03

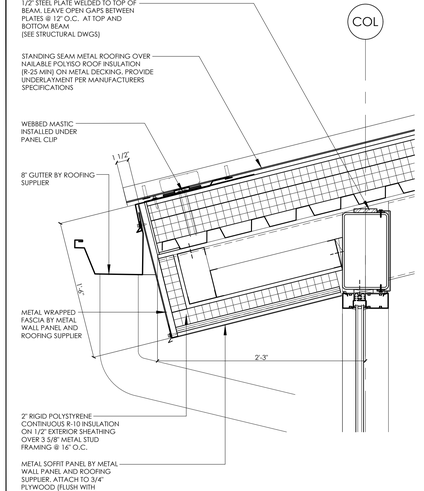
SCALE: 1 1/2" = 1'-0"



NOTE: VERIFY ALL DIMENSIONS SHOWN FOR ROOFING COMPONENTS WITH ROOFING SUPPLIER. ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS SUPERCEDE PROVIDED DETAILS FOR ROOFING

ROOF DETAIL 04

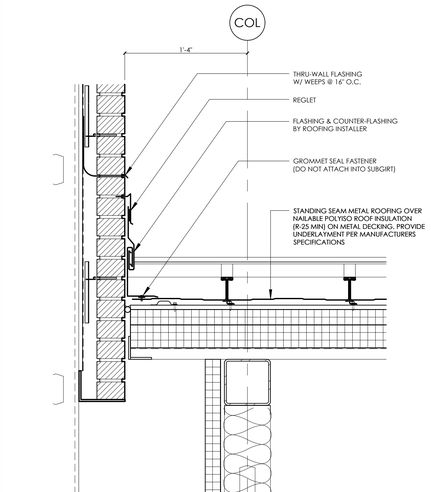
SCALE: 1 1/2" = 1'-0"



NOTE: VERIFY ALL DIMENSIONS SHOWN FOR ROOFING COMPONENTS WITH ROOFING SUPPLIER. ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS SUPERCEDE PROVIDED DETAILS FOR ROOFING

ROOF DETAIL 05

SCALE: 1 1/2" = 1'-0"



NOTE: VERIFY ALL DIMENSIONS SHOWN FOR ROOFING COMPONENTS WITH ROOFING SUPPLIER. ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS SUPERCEDE PROVIDED DETAILS FOR ROOFING

ROOF DETAIL 06

SCALE: 1 1/2" = 1'-0"

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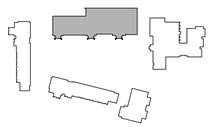
Key Plan



Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

ROOF PLAN

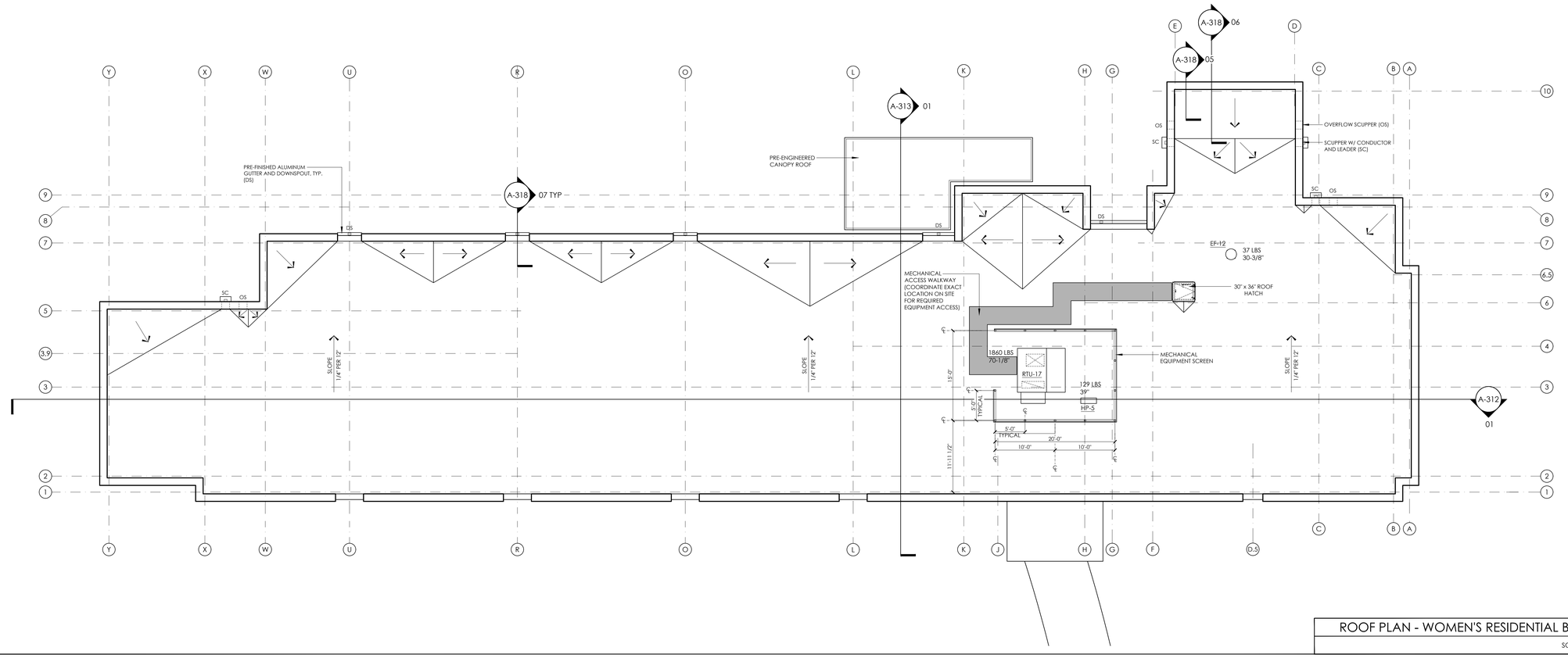
DINING/SHELTER/STORAGE BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

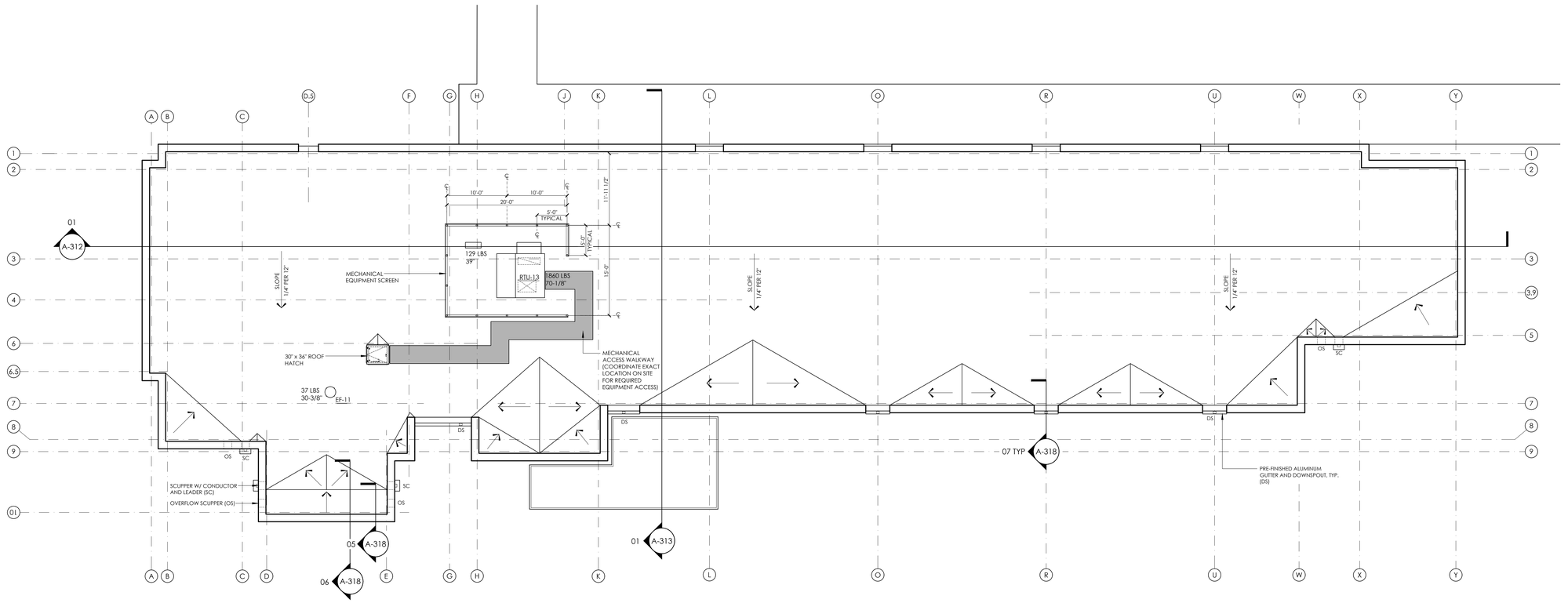
A-402

9/23/2020 4:10 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-402 - CD Roof Plan - Dining - Shelter - Storage Building.dwg



ROOF PLAN - WOMEN'S RESIDENTIAL BUILDING | 01

SCALE: 1/8" = 1'-0"



ROOF PLAN - MEN'S RESIDENTIAL BUILDING | 02

SCALE: 1/8" = 1'-0"

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Project

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1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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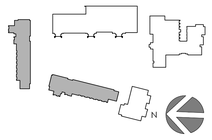
Key Plan



Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

ROOF PLANS

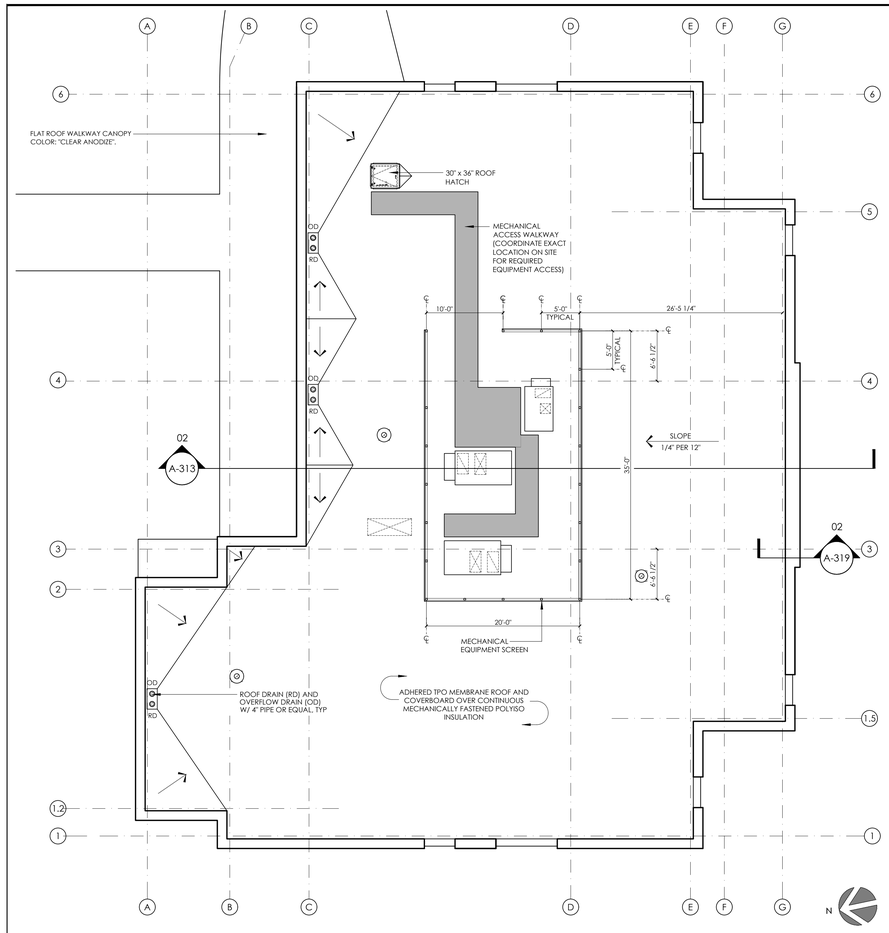
WOMEN'S & MEN'S RESIDENTIAL BUILDINGS

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

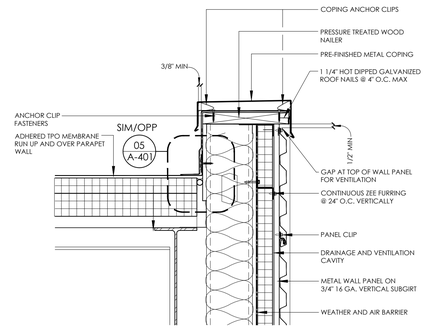
A-403

9/23/2020 4:12 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-403 - CD Roof Plan - Women's & Men's Residential Buildings.dwg



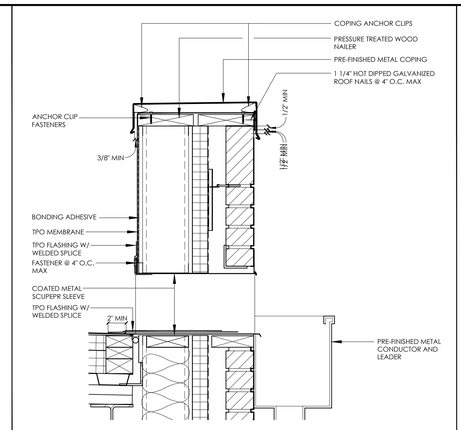
ROOF PLAN - DETOX BUILDING 01

SCALE: 1/8" = 1'-0"



ROOF DETAIL 02

SCALE: 1 1/2" = 1'-0"



ROOF DETAIL 03

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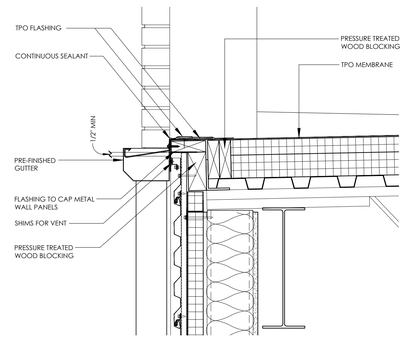

ROOF DETAIL 04

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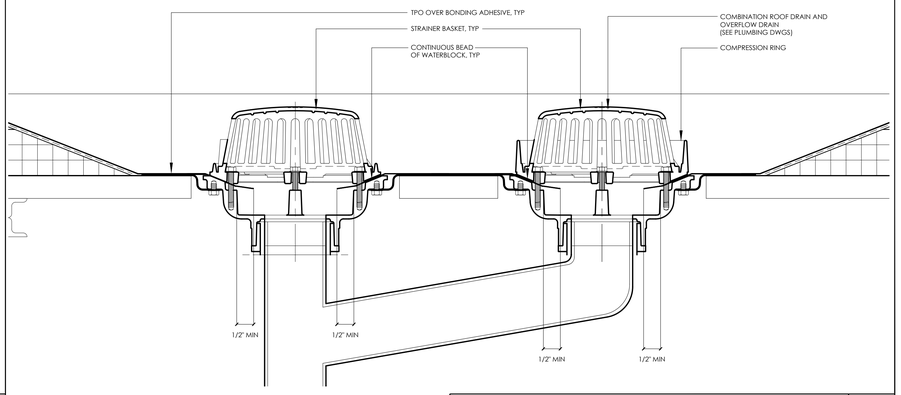

ROOF DETAIL 05

SCALE: 3" = 1'-0"

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Client

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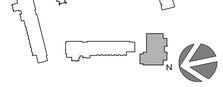


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

ROOF PLAN

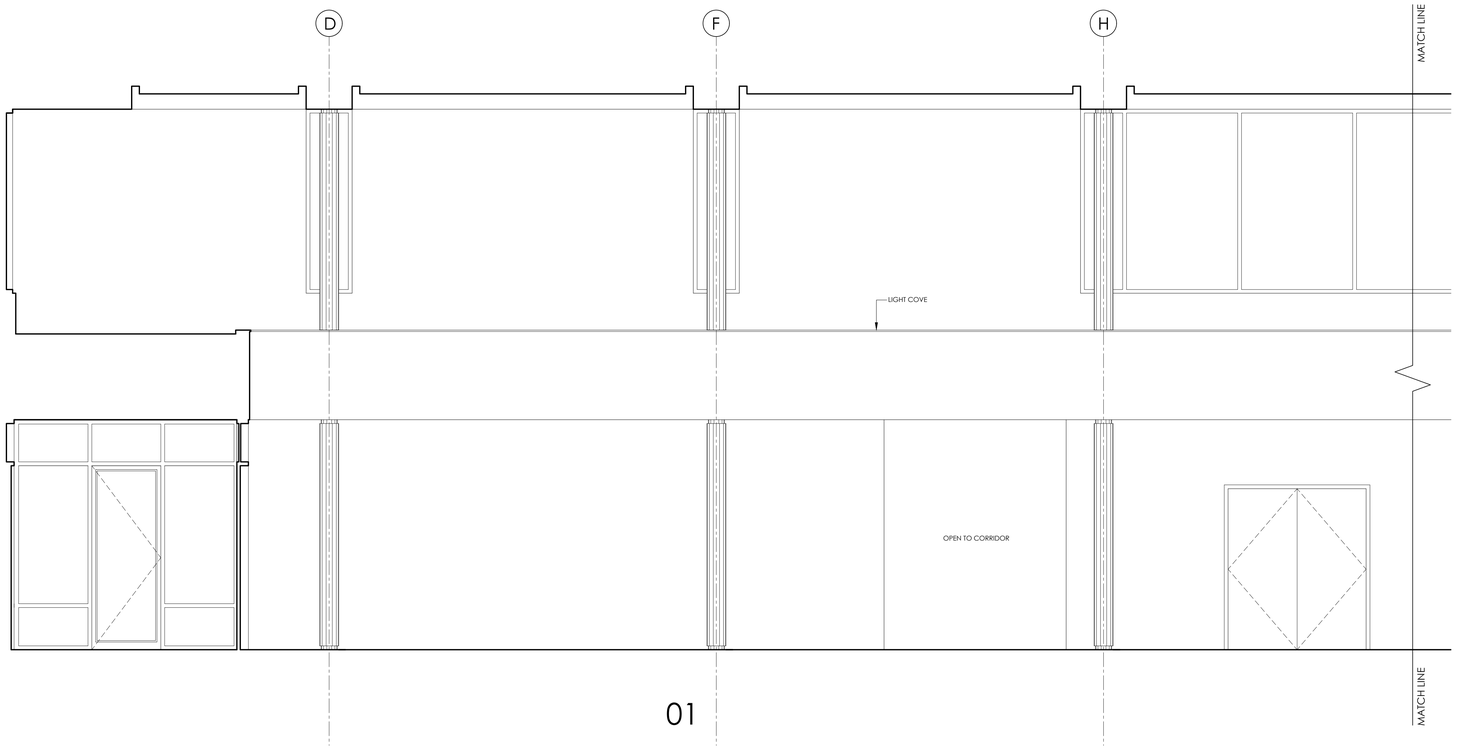
DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-404

9/23/2020 4:13 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-404 - CD Roof Plan - Detox Building.dwg



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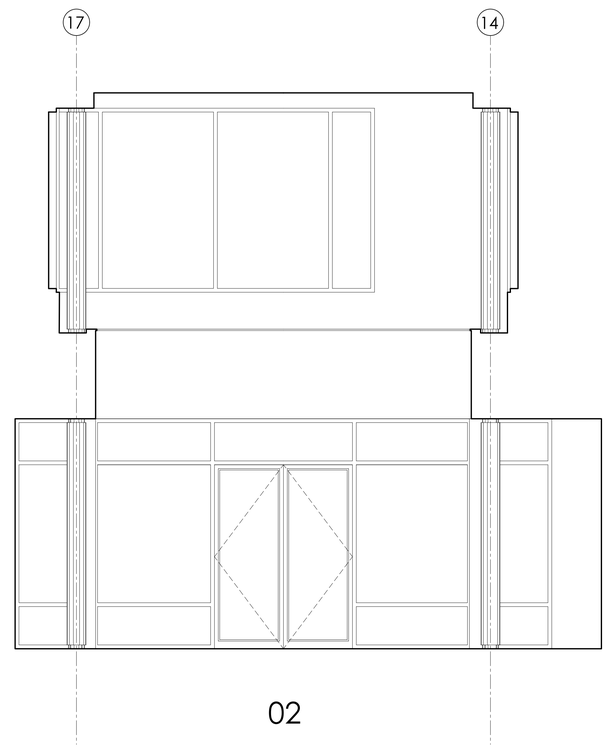

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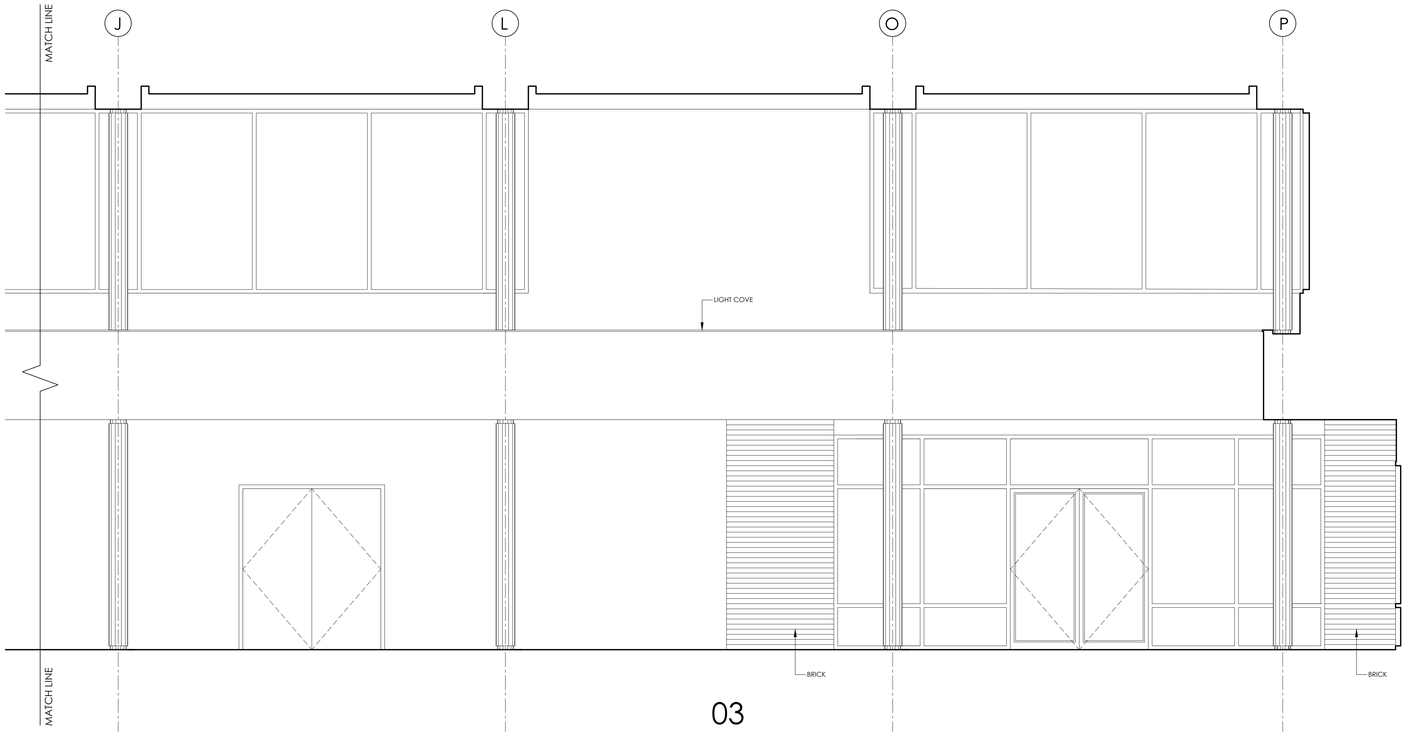

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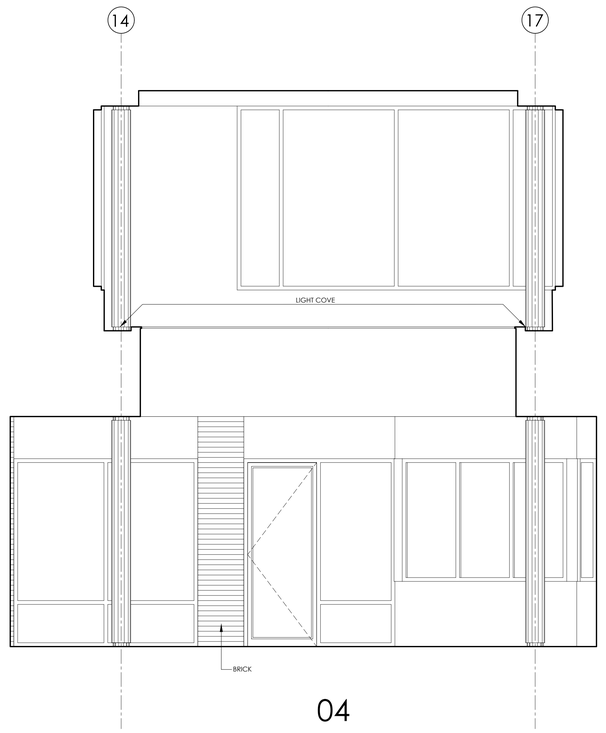

04

ADMINISTRATIVE / EDUCATION BUILDING INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"

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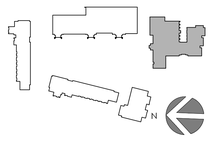


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

INTERIOR ELEVATIONS

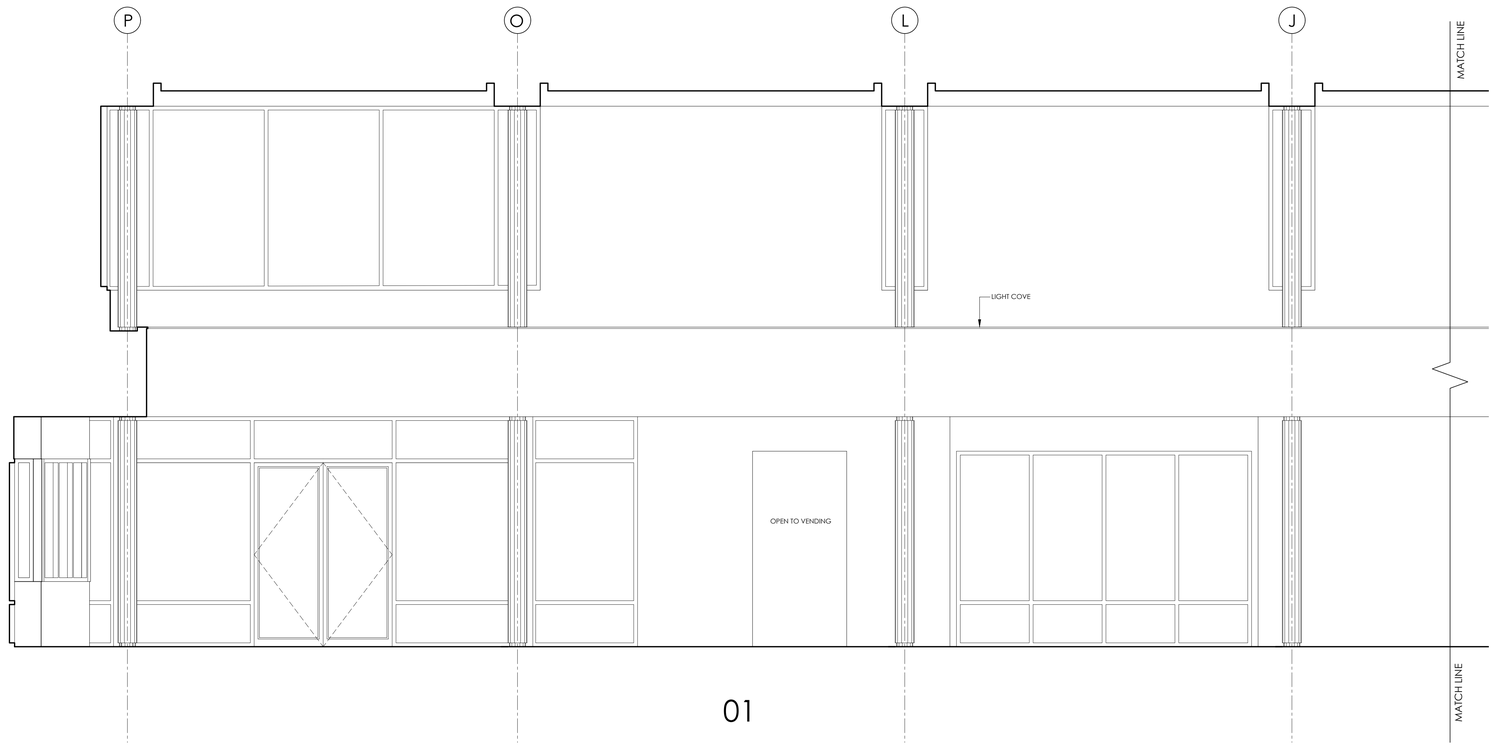
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30. Do not scale contents of this drawing.

Sheet Number

A-501

9/23/2020 4:14 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-501 - CD Interior Elevations.dwg



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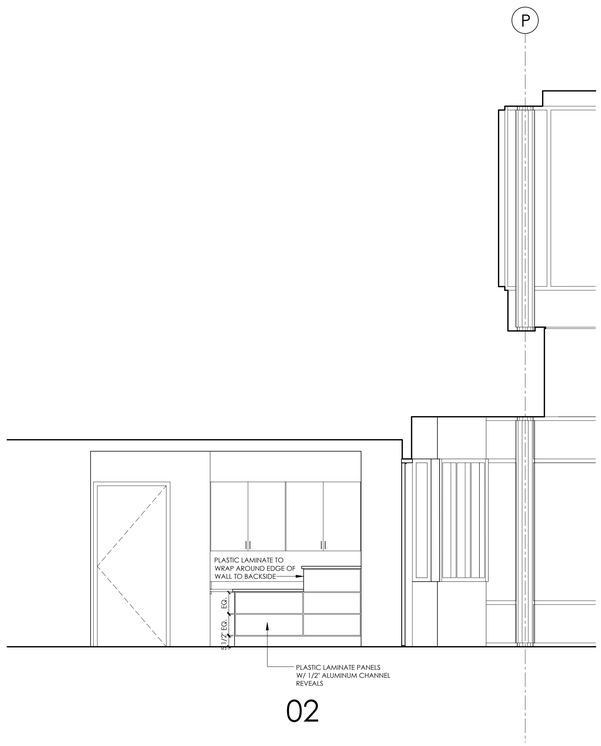

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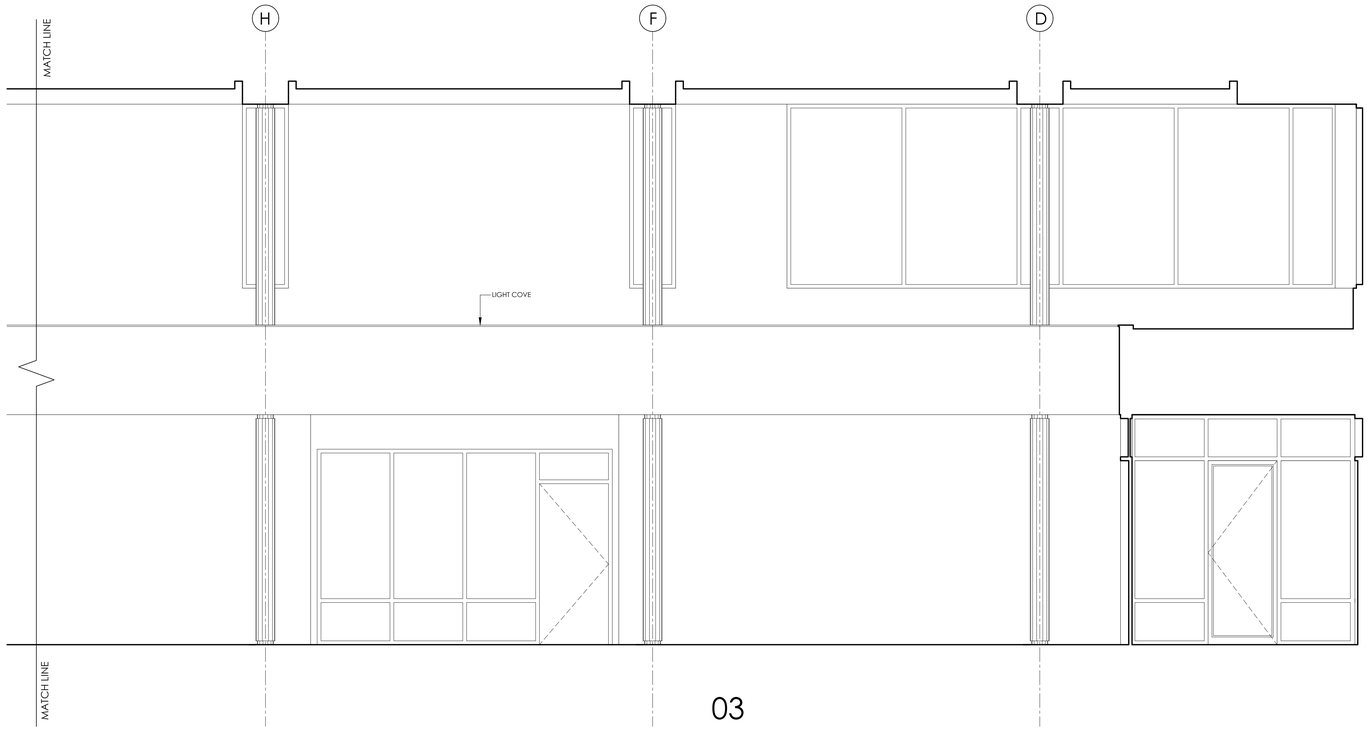

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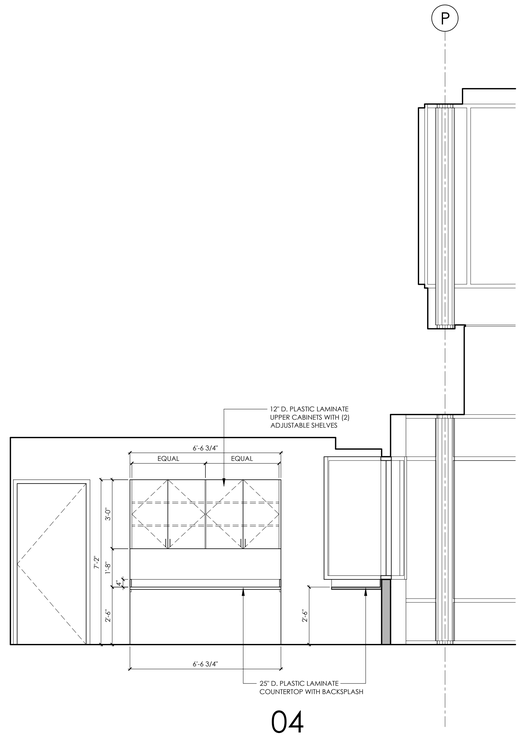

04

ADMINISTRATIVE / EDUCATION BUILDING INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"

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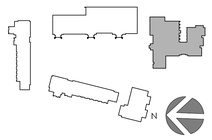


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

INTERIOR ELEVATIONS

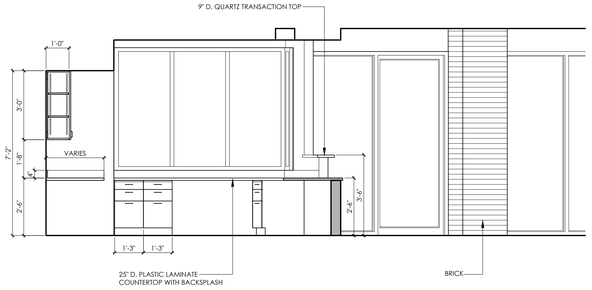
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30. Do not scale contents of this drawing.

Sheet Number

A-502

9/23/2020 4:15 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-502 - CD Interior Elevations.dwg



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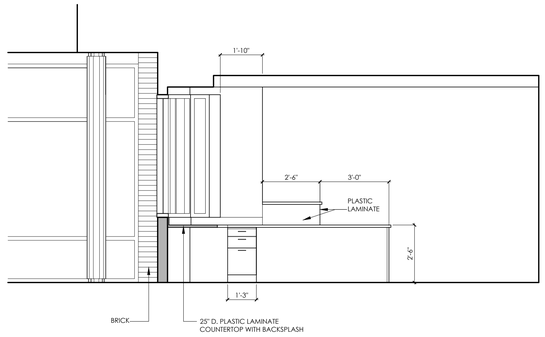

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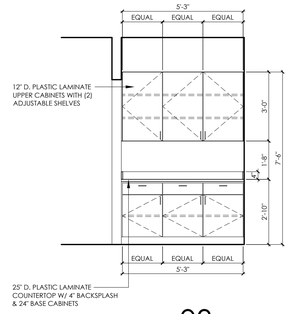

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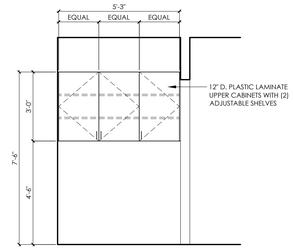

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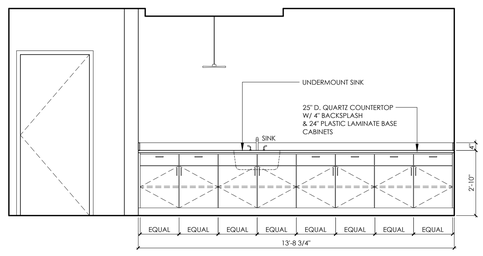

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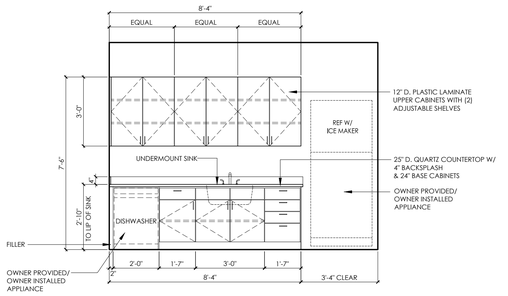

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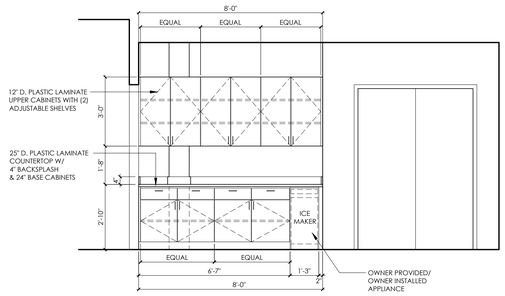

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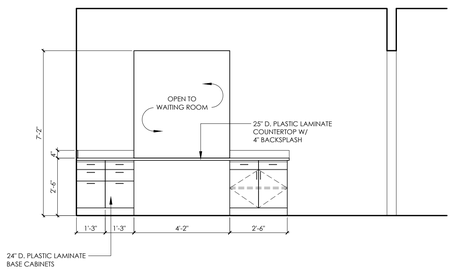

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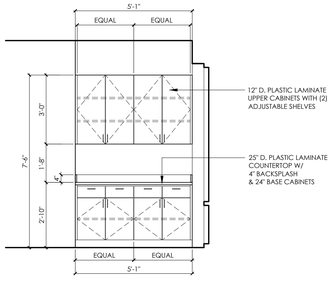

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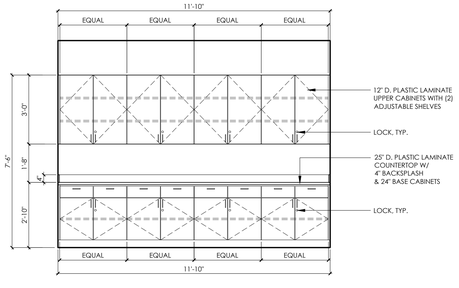

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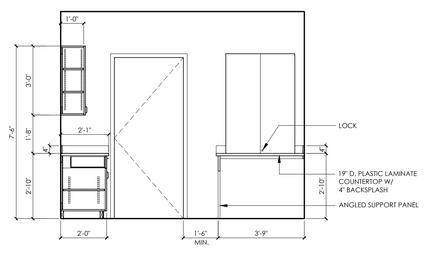

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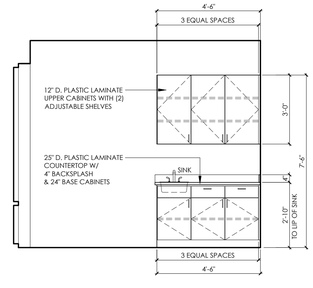

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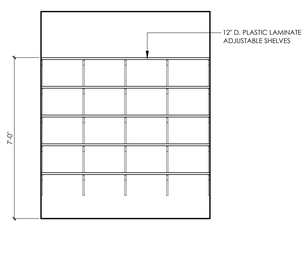

13

ADMINISTRATIVE / EDUCATION BUILDING INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"

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Client

NEW HANOVER COUNTY, NORTH CAROLINA

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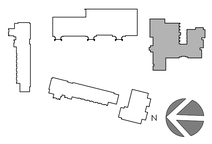
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

INTERIOR ELEVATIONS

ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30. Do not scale contents of this drawing.

Sheet Number

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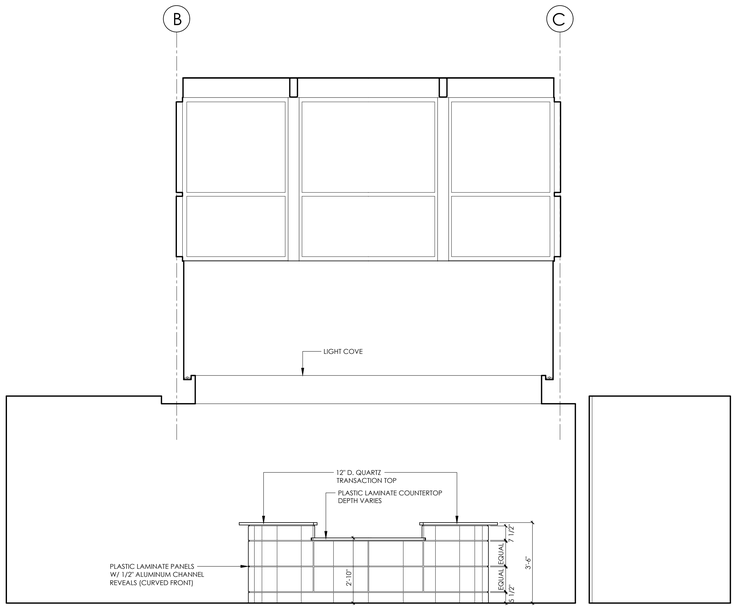
9/23/2020 4:16 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-503 - CD Interior Elevations.dwg



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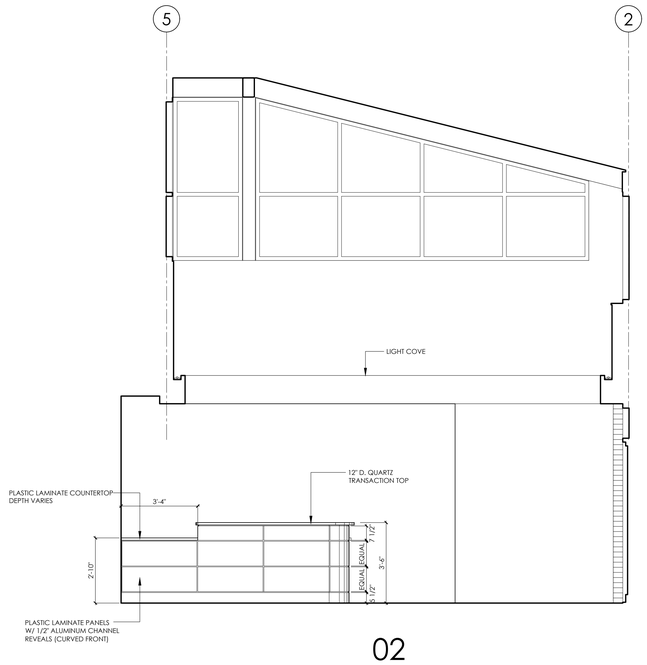

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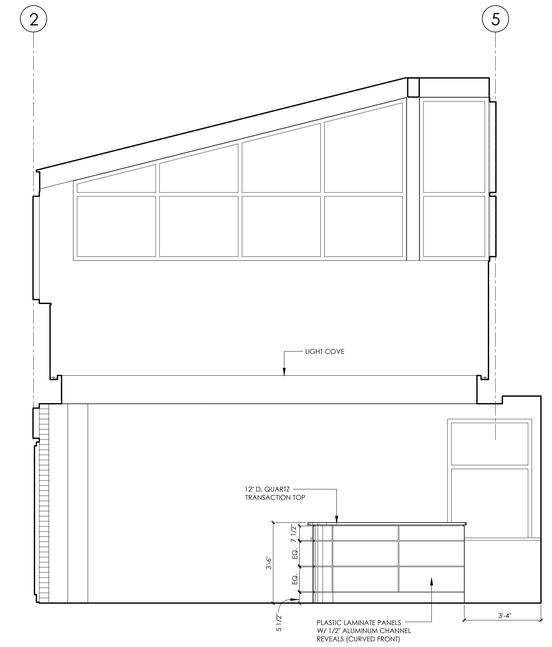

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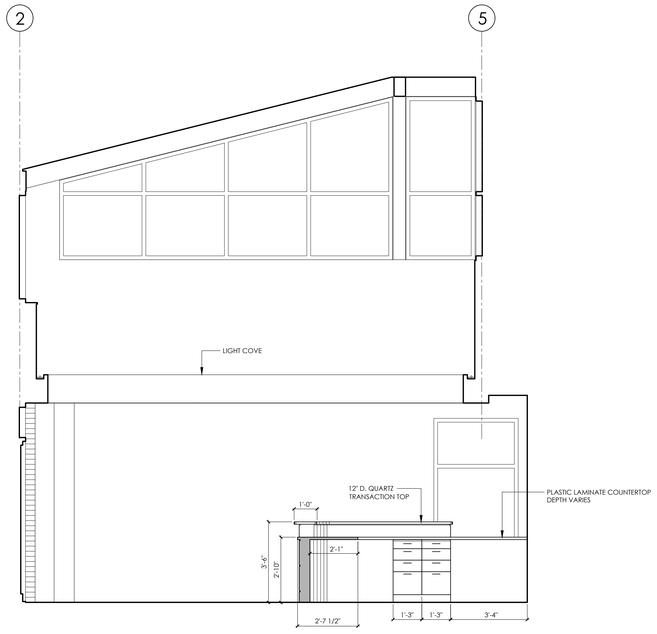

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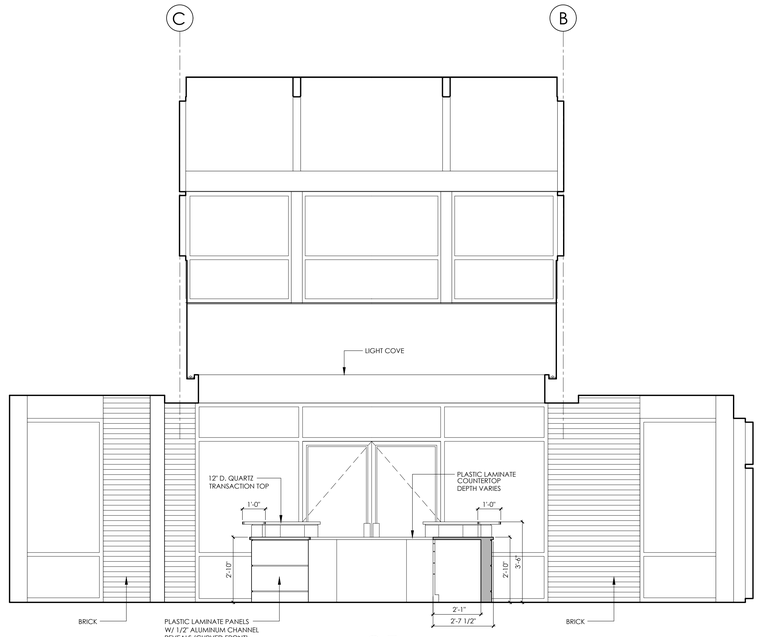

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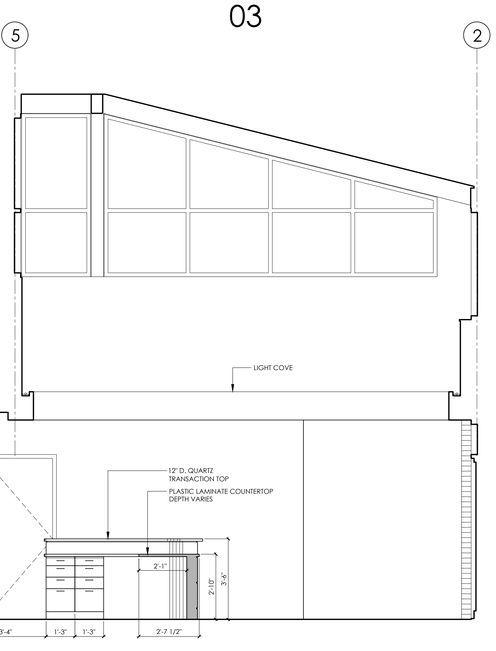

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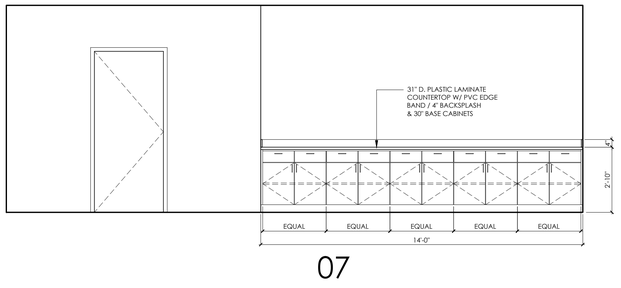

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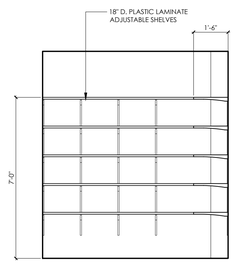

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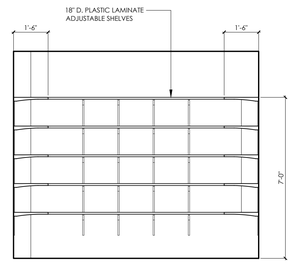

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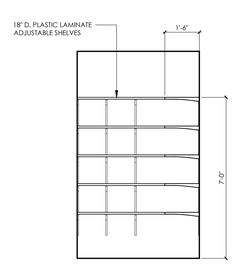

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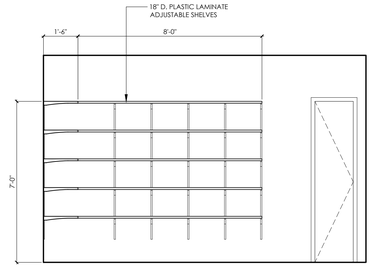

11

DINING / SHELTER BUILDING INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"

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Client

NEW HANOVER COUNTY, NORTH CAROLINA

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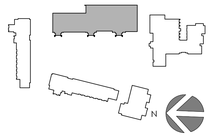
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

INTERIOR ELEVATIONS

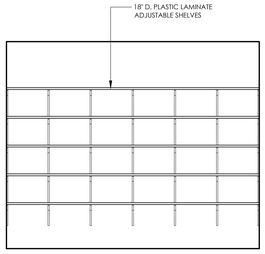
DINING/SHELTER BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-504

9/23/2020 4:17 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-504 - CD Interior Elevations.dwg



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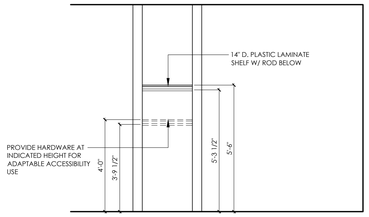

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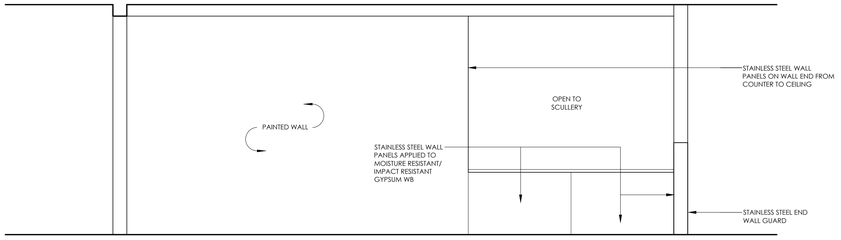

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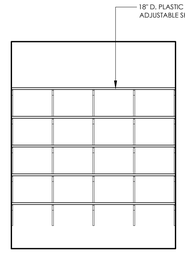

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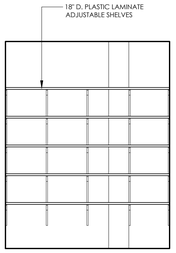

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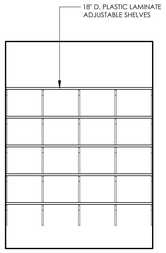

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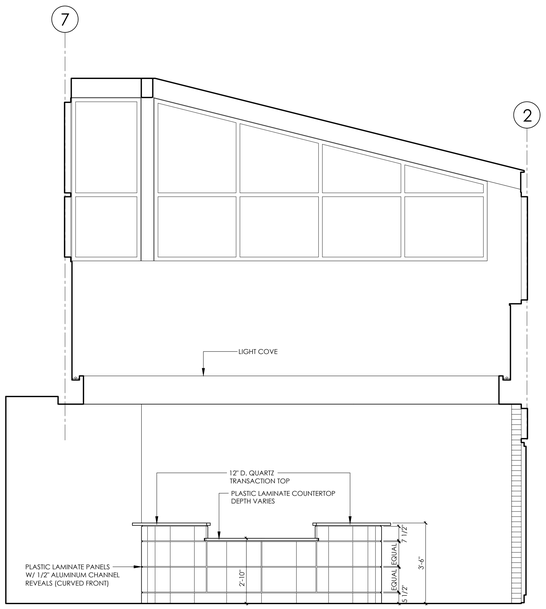

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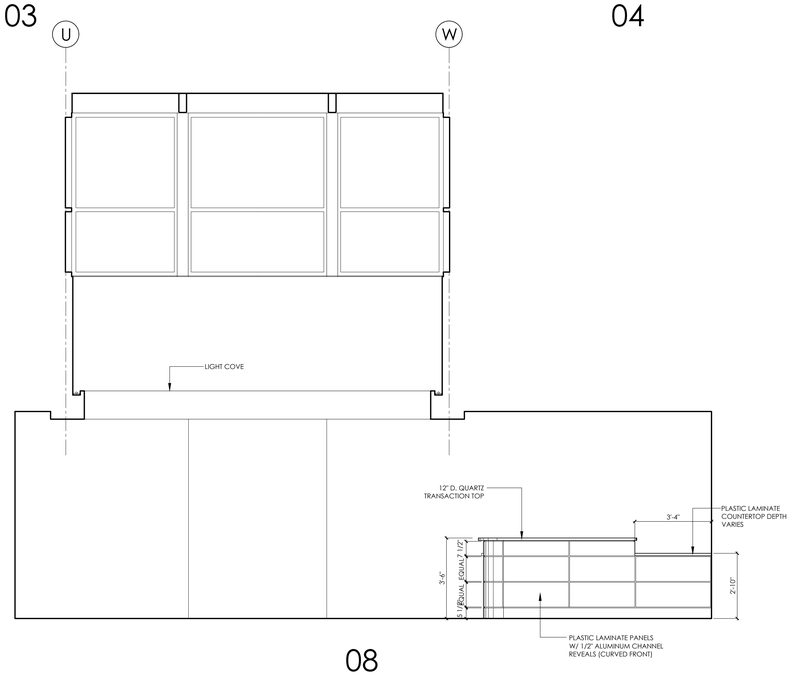

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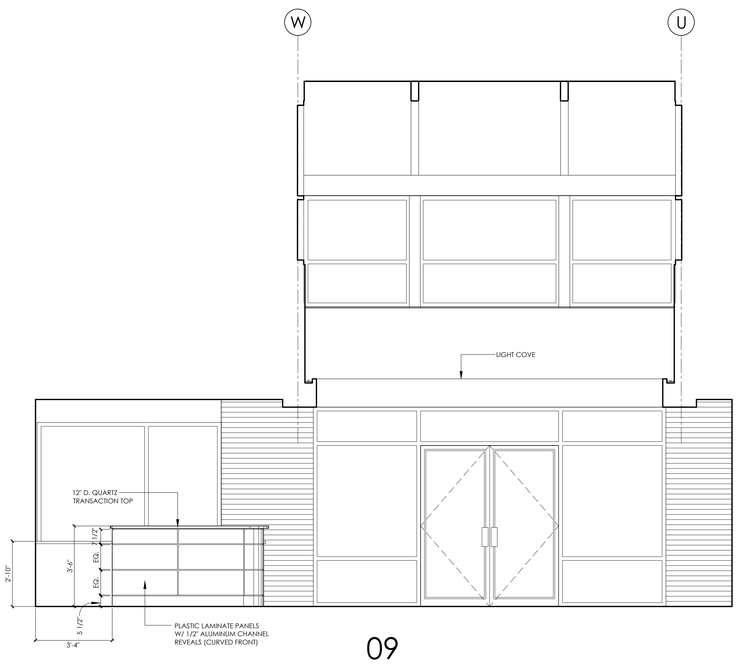

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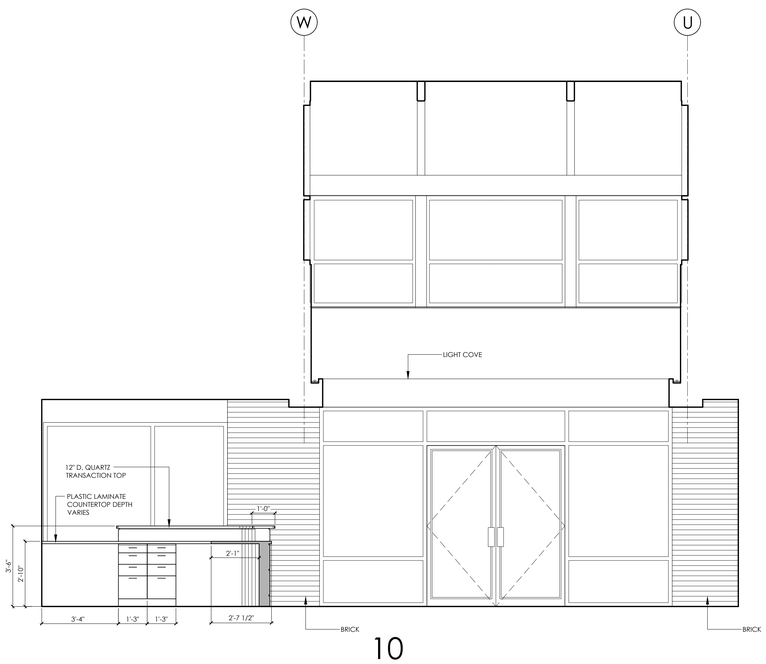

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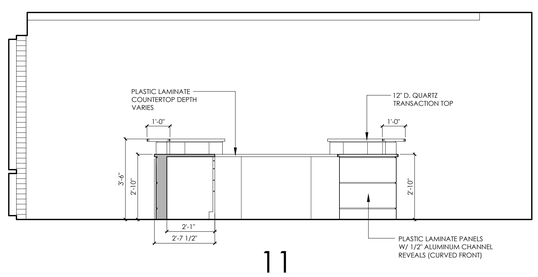

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DINING / SHELTER BUILDING INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"

9/23/2020 4:19 PM P:\16HTWILMRG\Construction Documents\CD-16HTWILMRG - A-505 - CD Interior Elevations.dwg

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Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

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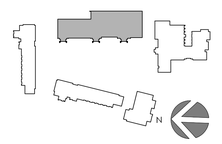
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

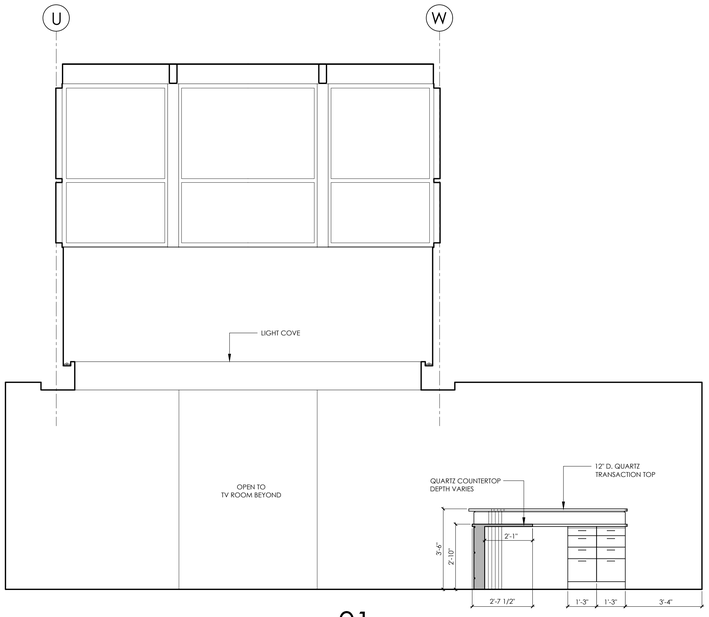
INTERIOR ELEVATIONS

DINING/SHELTER BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-505



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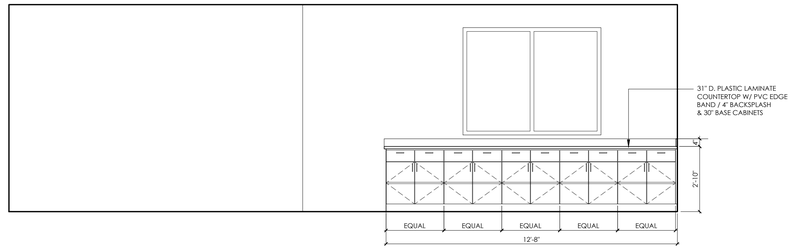

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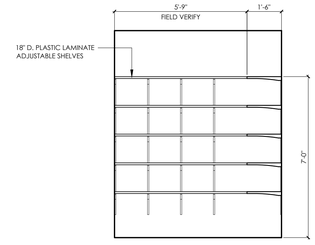

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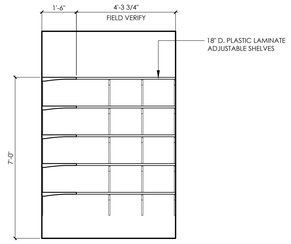

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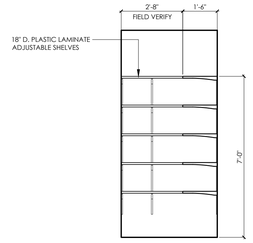

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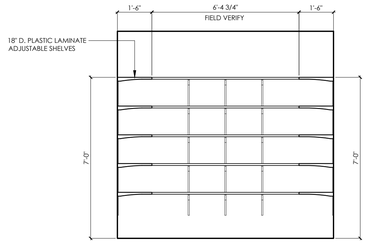

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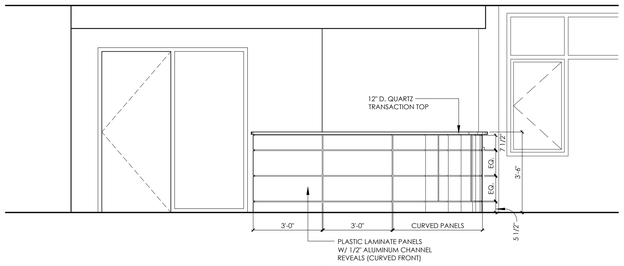
DINING / SHELTER BUILDING INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"



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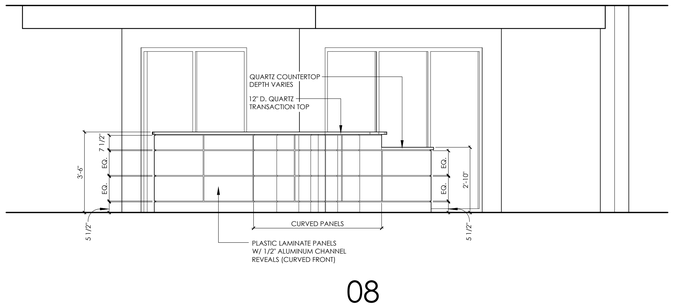

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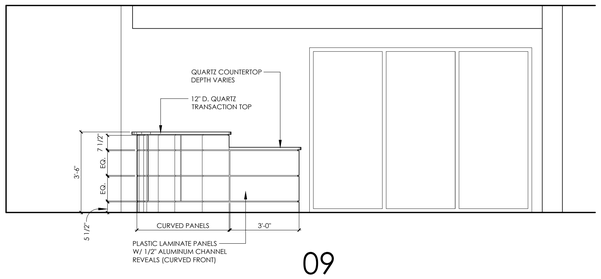

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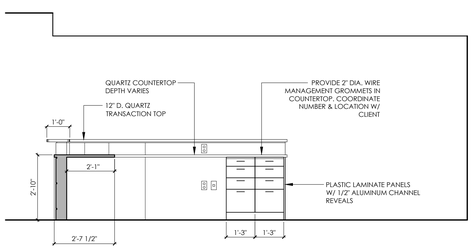

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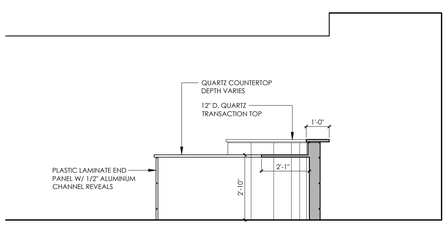

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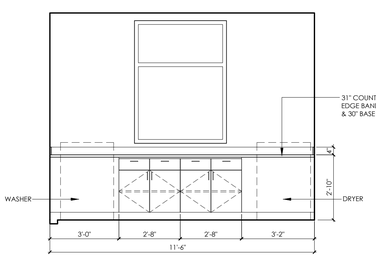

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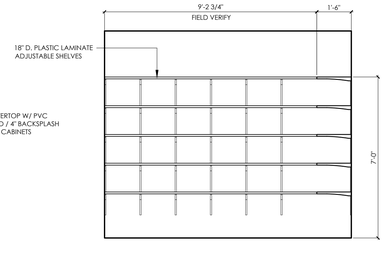

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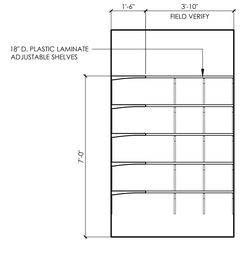

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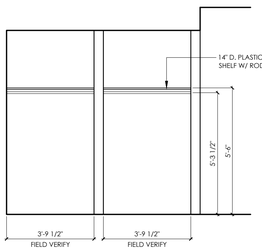

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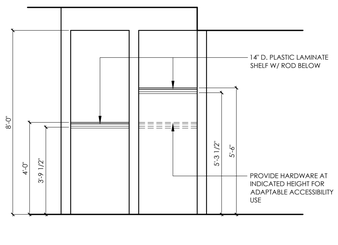

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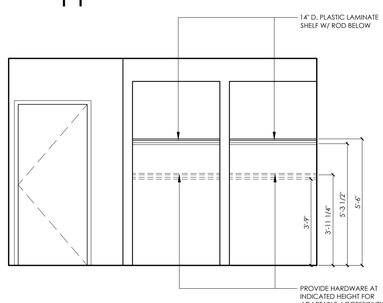

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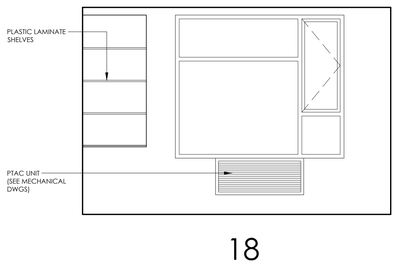

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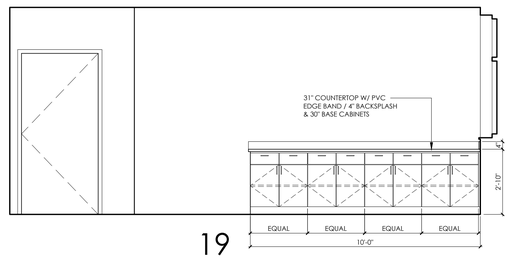

19

RESIDENCE BUILDINGS INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"

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Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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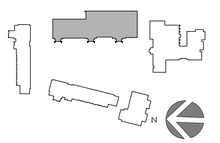
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

INTERIOR ELEVATIONS

DINING/SHELTER & RESIDENCE BUILDINGS

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-506

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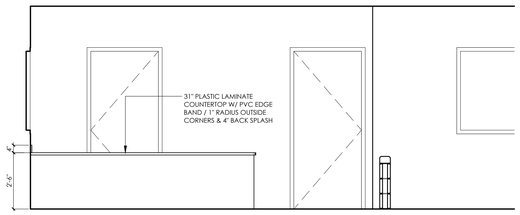

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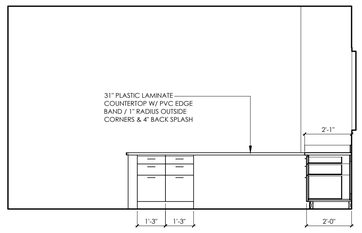

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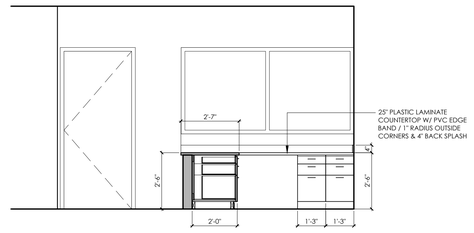

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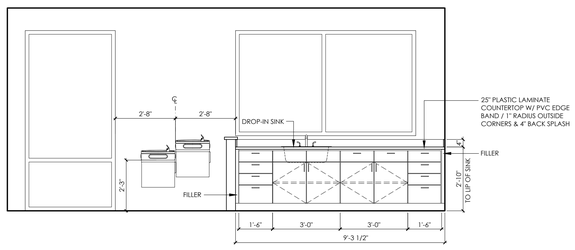

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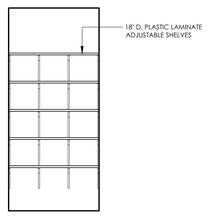

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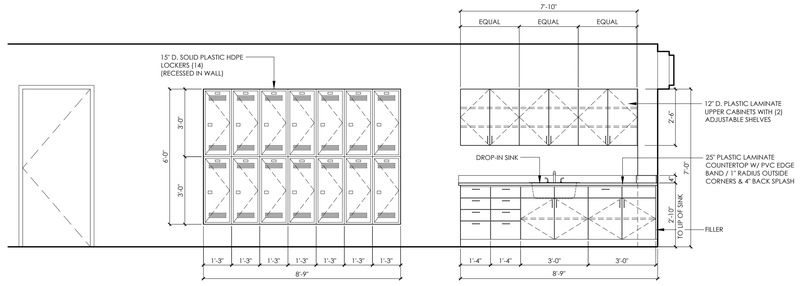

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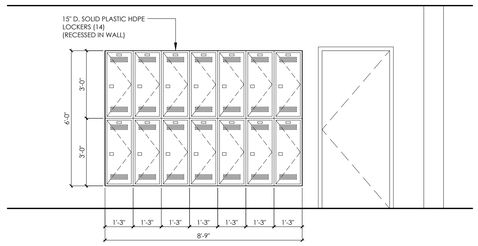

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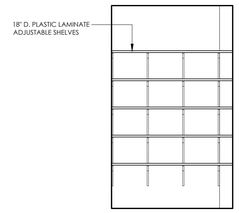

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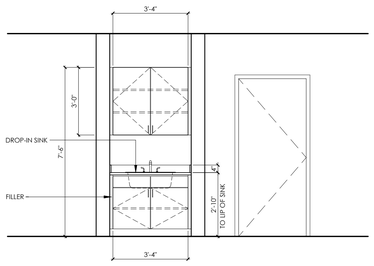

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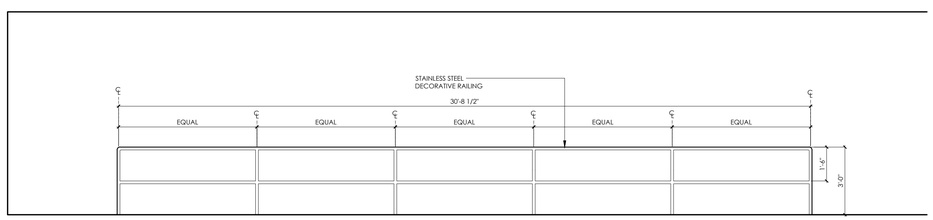

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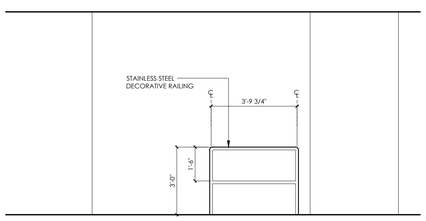

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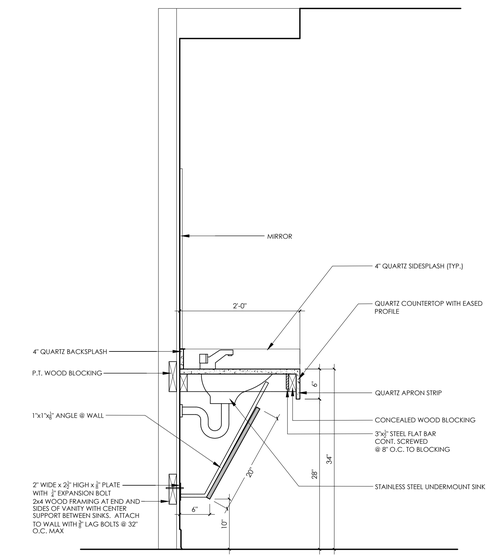

MILLWORK SECTION

SCALE: 3/8" = 1'-0"

12

DETOX BUILDING INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"

DINING / SHELTER / STORAGE INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"

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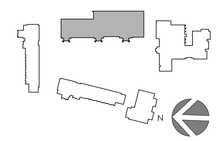

Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

INTERIOR ELEVATIONS

DETOX BUILDING
DINING / SHELTER BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-507

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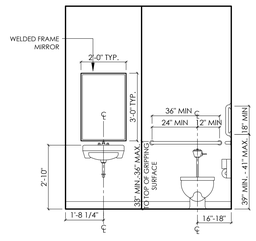

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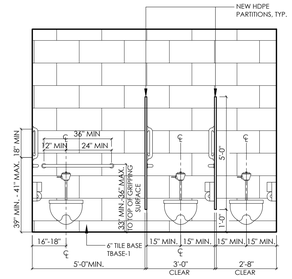

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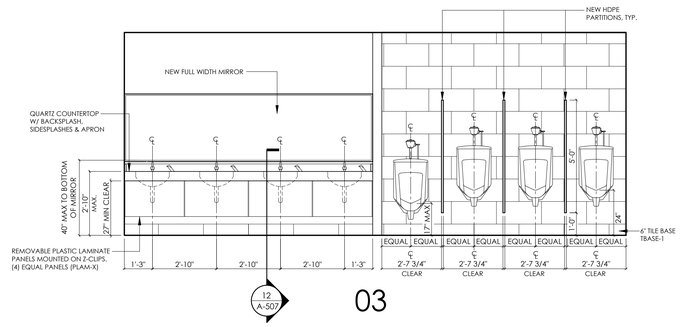

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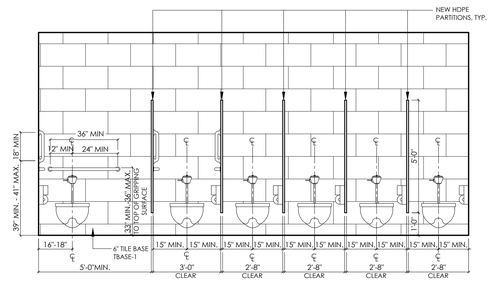

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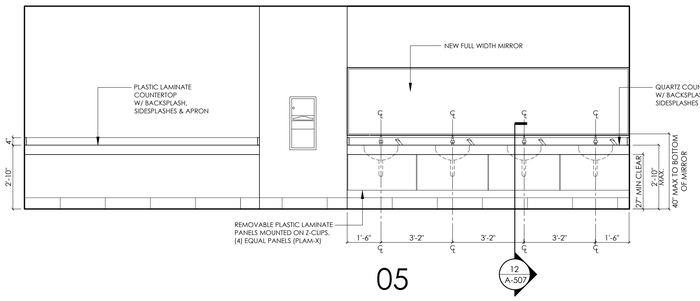

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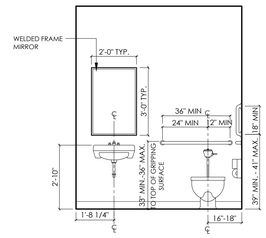

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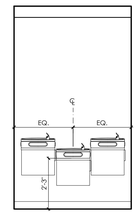

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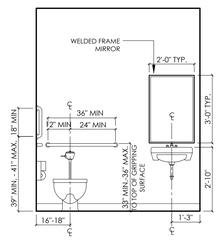
ADMINISTRATIVE / EDUCATION RESTROOM ELEVATIONS

SCALE: 3/8" = 1'-0"



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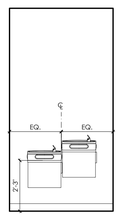

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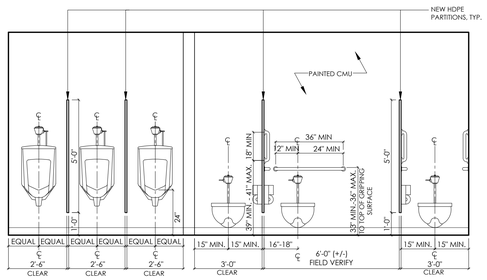

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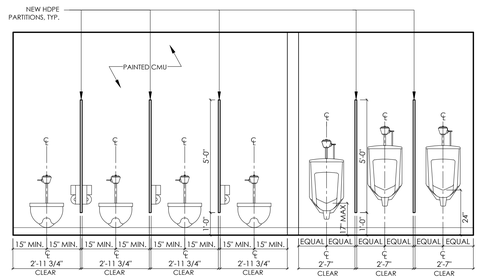

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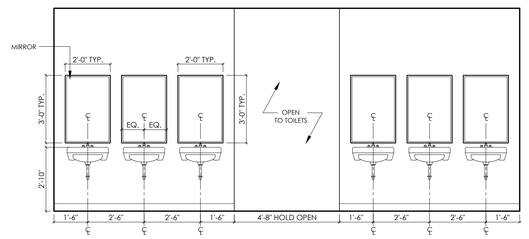

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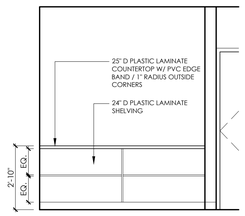

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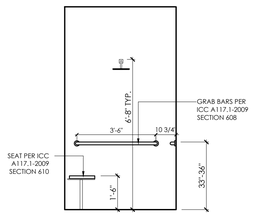

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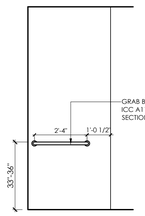

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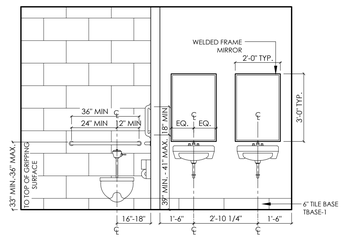

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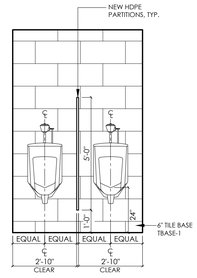

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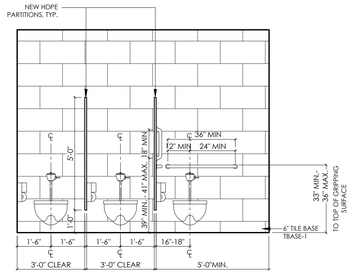

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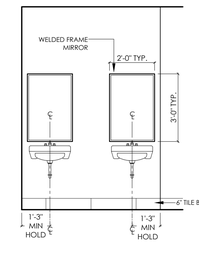

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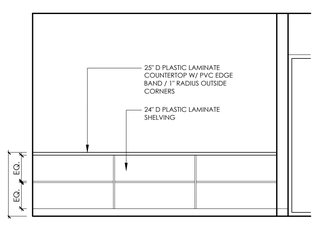

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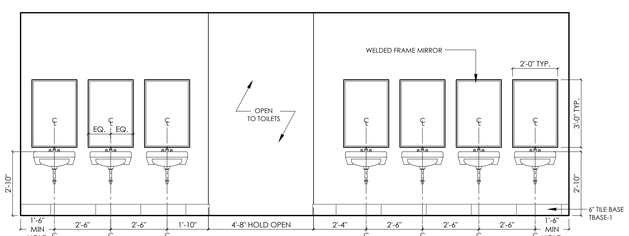

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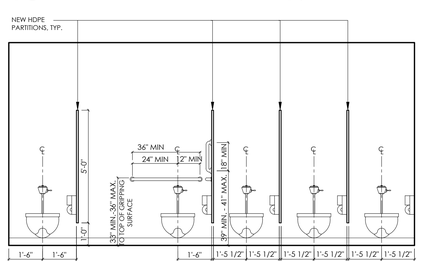

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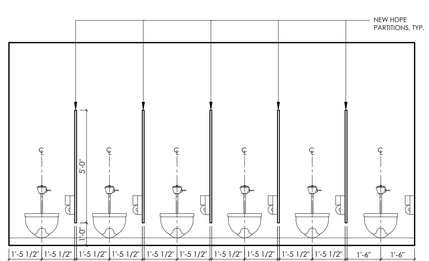

23

DINING / SHELTER / STORAGE BUILDING

SCALE: 3/8" = 1'-0"

isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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Key Plan

Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWLMNG

Sheet Title

INTERIOR ELEVATIONS ADMINISTRATIVE/ EDUCATION BUILDING DINING/SHELTER BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-508

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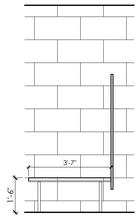

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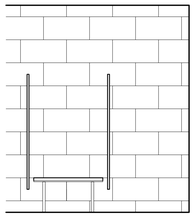

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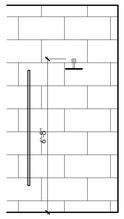

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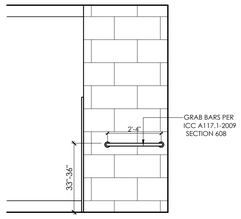

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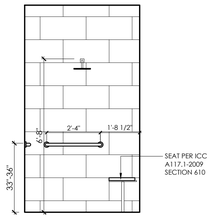

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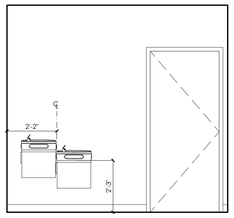

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DINING / SHELTER / STORAGE BUILDING

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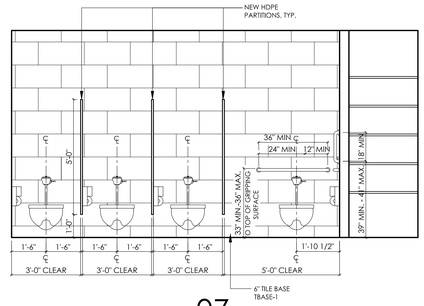

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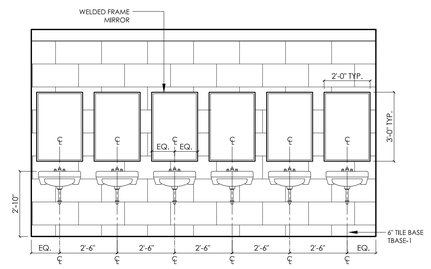

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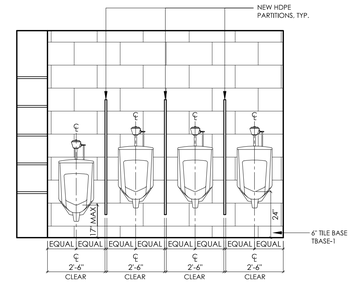

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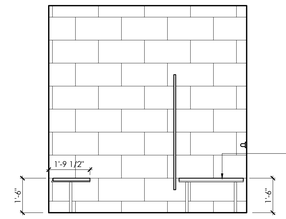

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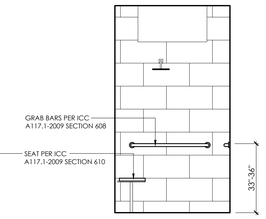

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MEN'S RESIDENTIAL BUILDING

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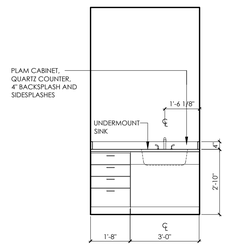

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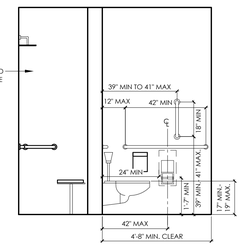

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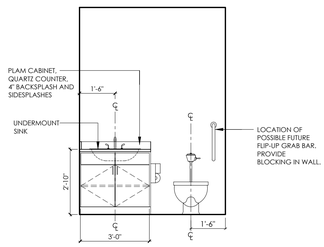

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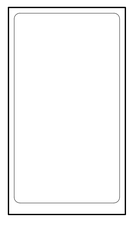

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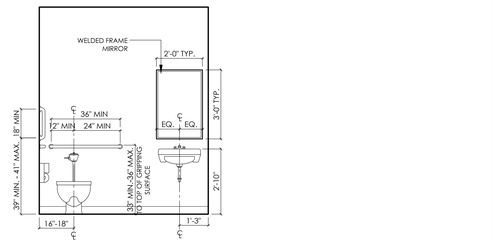

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WOMEN'S RESIDENTIAL BUILDING

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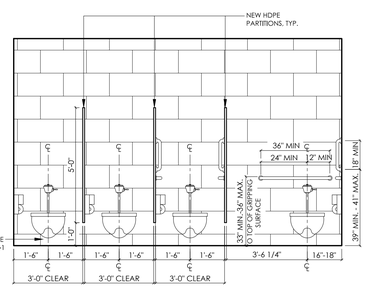

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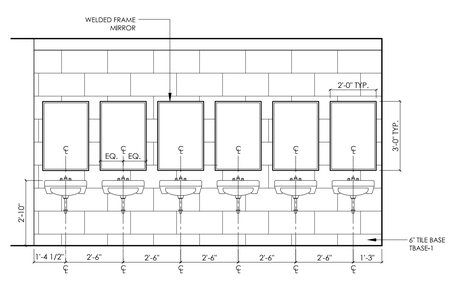

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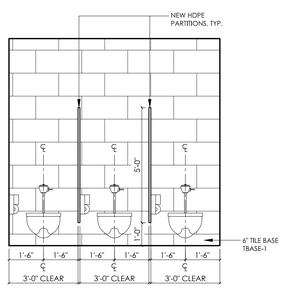

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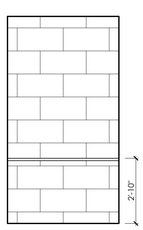

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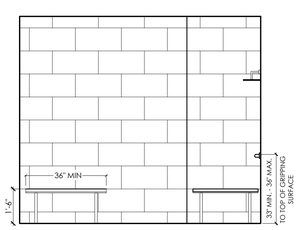

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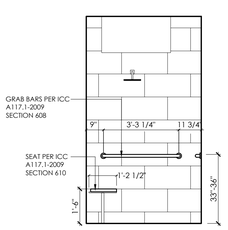

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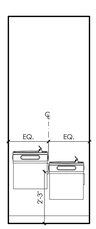

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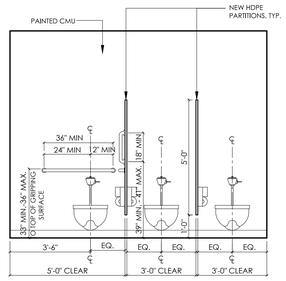
DETOX BUILDING

SCALE: 3/8" = 1'-0"



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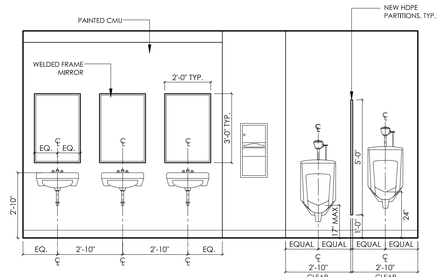

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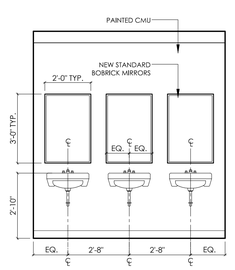

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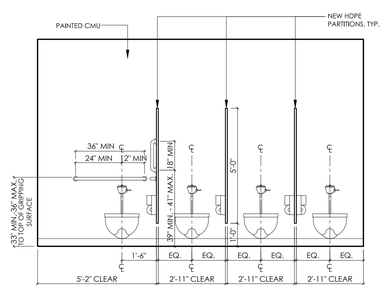

27

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Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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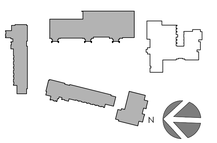
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

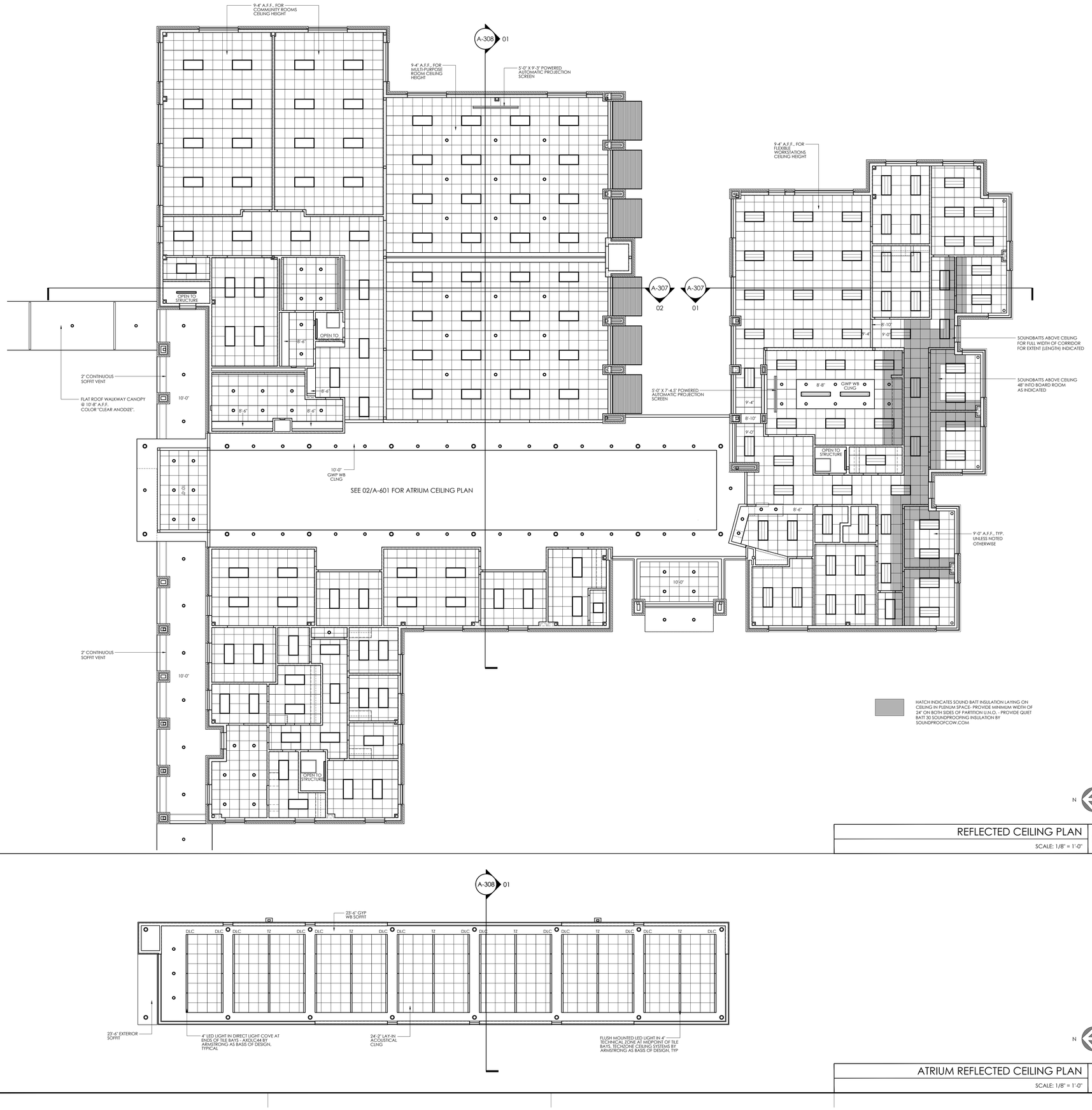
INTERIOR ELEVATIONS DINING/SHELTER/STOR, RESIDENTIAL BUILDINGS, DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-509

9/23/2020 4:22 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-509 - CD Interior Elevations.dwg



HATCH INDICATES SOUND BATT INSULATION LAYING ON CEILING IN PLENUM SPACE- PROVIDE MINIMUM WIDTH OF 24" ON BOTH SIDES OF PARTITION U.N.O. - PROVIDE QUIET BATT 30 SOUNDPROOFING INSULATION BY SOUNDPROOFCOW.COM

REFLECTED CEILING PLAN 01
SCALE: 1/8" = 1'-0"

ATRIUM REFLECTED CEILING PLAN 02
SCALE: 1/8" = 1'-0"

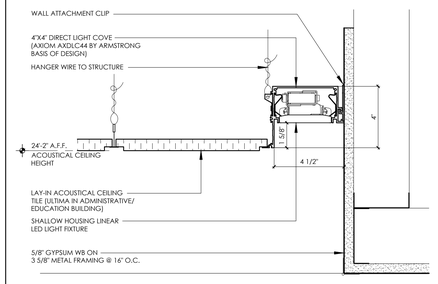
LIGHTING/CEILING LEGEND

- 2X4 LAY-IN LED INDIRECT FIXTURE
- 2X4 ACRYLIC LAY-IN LED FIXTURE
- 1X4 SURFACE LED FIXTURE
- RECESSED LED FIXTURE
- 12" PENDANT FIXTURE
- RECESSED SHOWER FIXTURE
- WALL SCONCE
- SUSPENDED UTILITY LED FIXTURE
- S — SURFACE MOUNTED UTILITY LED FIXTURE
- WALL-MTD. BATHROOM LED FIXTURE
- 4" W. RECESSED LED FIXTURE
- LED LINEAR PERIMETER LIGHTING
- SUSPENDED INDIRECT LIGHT FIXTURE TO BE SELECTED
- HATCH INDICATES GYP. BD. CEILING

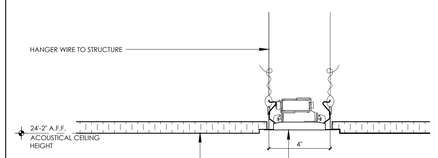
RATED WALL SYMBOL LEGEND

- INDICATES NEW NON-RATED PARTITION
- 1/2 HR RATED FIRE PARTITION
- 1 HR RATED FIRE PARTITIONS/ BARRIERS
- 2 HR RATED FIRE BARRIERS

NOTE:
1. THE CEILING HEIGHT FOR LAY-IN ACOUSTICAL CEILING TILE IS TO BE 9'-0" A.F.F. UNLESS NOTED OTHERWISE.



SECTION DETAIL 03
SCALE: 3" = 1'-0"



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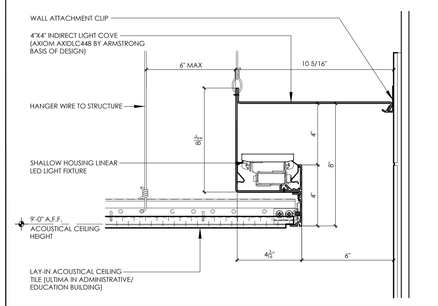

SECTION DETAIL 05
SCALE: 3" = 1'-0"

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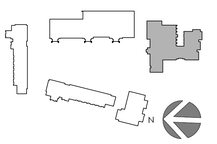


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

REFLECTED CEILING PLAN

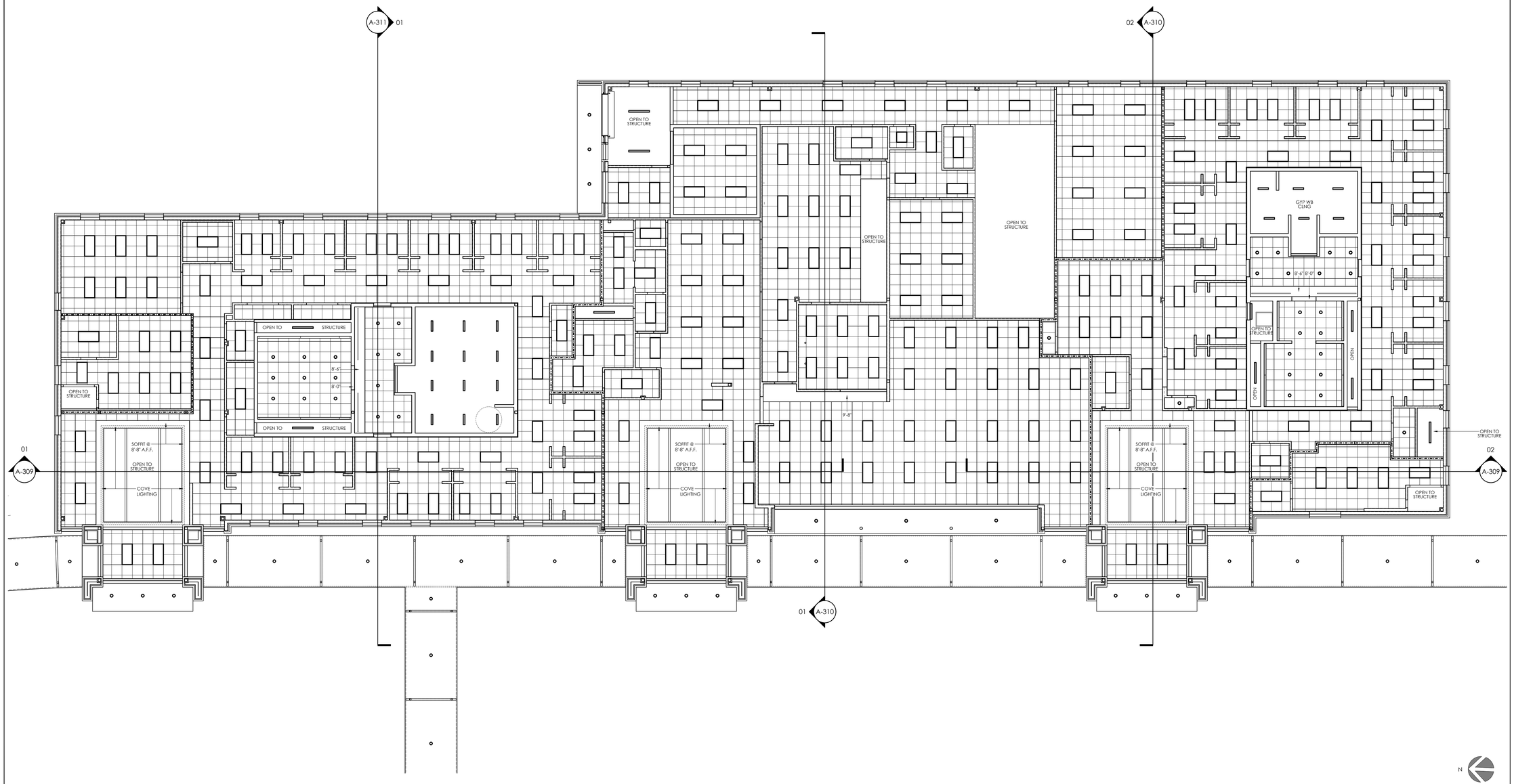
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

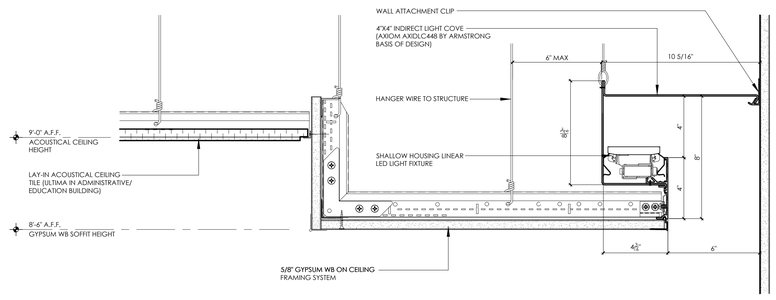
Sheet Number

A-601

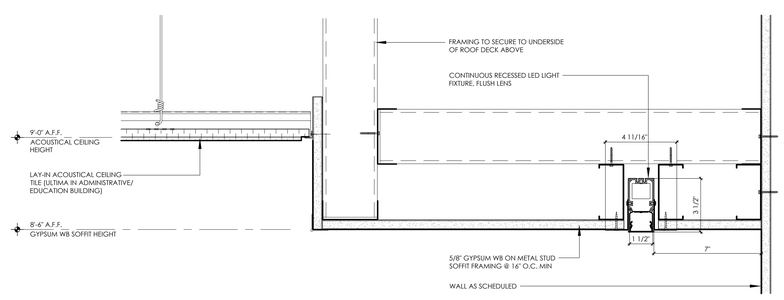
9/23/2020 4:23 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-601 - CD Reflected Ceiling Plan - Administrative Building.dwg



REFLECTED CEILING PLAN — SCALE: 1/8" = 1'-0" — 01



SECTION DETAIL — SCALE: 3" = 1'-0" — 02



SECTION DETAIL — SCALE: 3" = 1'-0" — 02

LIGHTING/CEILING LEGEND

- 2X4 LAY-IN LED INDIRECT FIXTURE
- 2X4 ACRYLIC LAY-IN LED FIXTURE
- 1X4 SURFACE LED FIXTURE
- RECESSED LED FIXTURE
- 12" PENDANT FIXTURE
- RECESSED SHOWER FIXTURE
- WALL SCONCE
- SUSPENDED UTILITY LED FIXTURE
- S SURFACE MOUNTED UTILITY LED FIXTURE
- WALL-MTD. BATHROOM LED FIXTURE
- 4" W. RECESSED LED FIXTURE
- LED LINEAR PERIMETER LIGHTING
- SUSPENDED INDIRECT LIGHT FIXTURE TO BE SELECTED
- HATCH INDICATES GYP. BD. CEILING

NOTE:
1. THE CEILING HEIGHT FOR LAY-IN ACOUSTICAL CEILING TILE IS TO BE 9'-0" A.F.F. UNLESS NOTED OTHERWISE.

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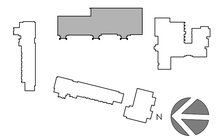


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

REFLECTED CEILING PLAN

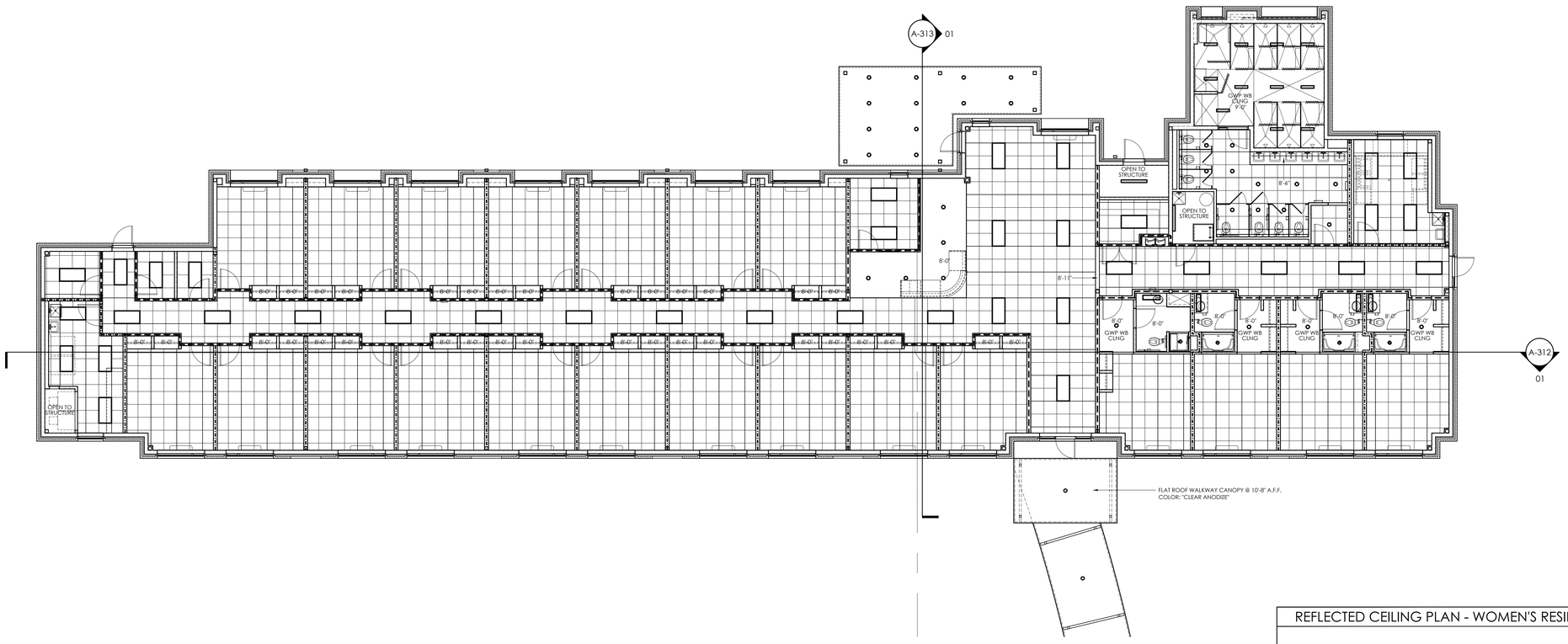
DINING/SHELTER/STORAGE BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

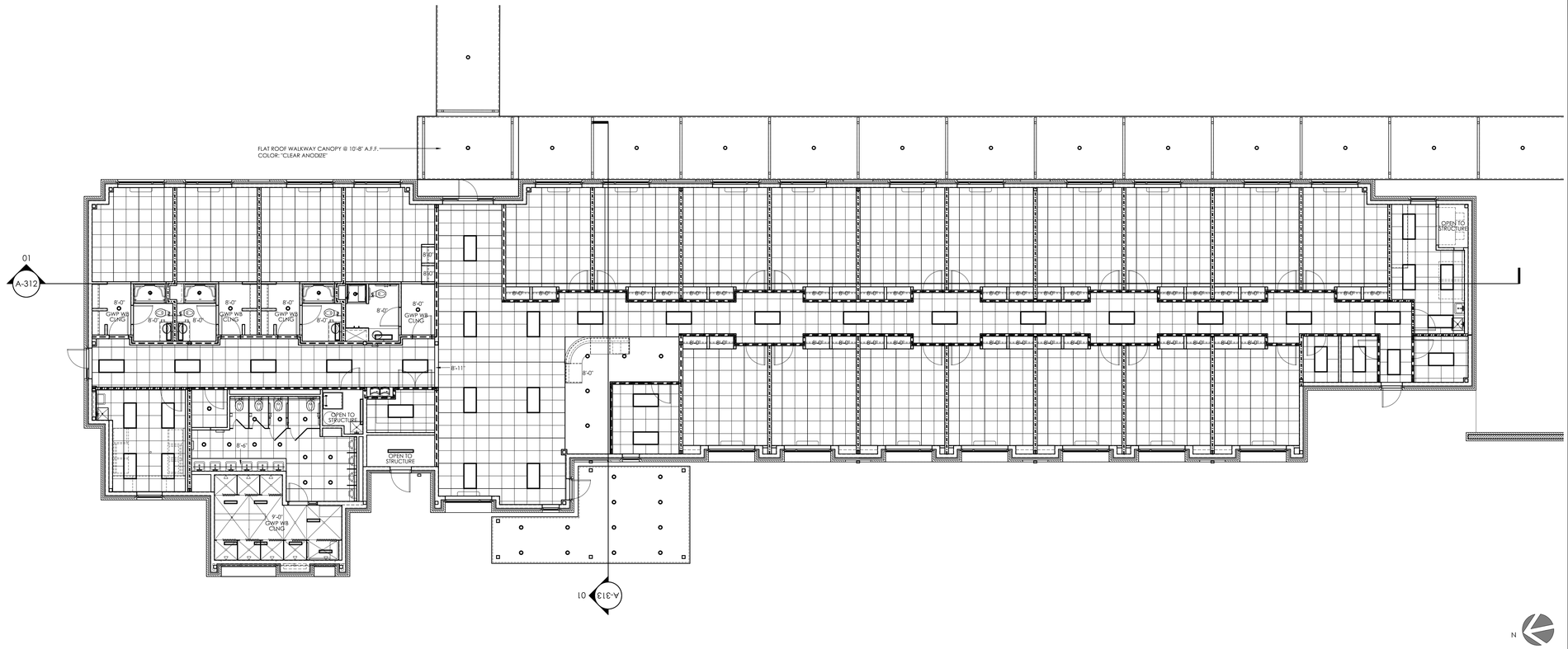
A-602

P:\16HTWILMING\Construction Documents\CD\16HTWILMING - A-602 - CD Reflected Ceiling Plan - Dining - Shelter - Storage Building.dwg
9/23/2020 4:24 PM



REFLECTED CEILING PLAN - WOMEN'S RESIDENTIAL BUILDING | 01

SCALE: 1/8" = 1'-0"



REFLECTED CEILING PLAN - MEN'S RESIDENTIAL BUILDING | 02

SCALE: 1/8" = 1'-0"

LIGHTING/CEILING LEGEND

- 2X4 LAY-IN LED INDIRECT FIXTURE
- 2X4 ACRYLIC LAY-IN LED FIXTURE
- 1X4 SURFACE LED FIXTURE
- RECESSED LED FIXTURE
- 12" PENDANT FIXTURE
- RECESSED SHOWER FIXTURE
- WALL SCONCE
- SUSPENDED UTILITY LED FIXTURE
- SURFACE MOUNTED UTILITY LED FIXTURE
- WALL-MTD. BATHROOM LED FIXTURE
- 4" W. RECESSED LED FIXTURE
- LED LINEAR PERIMETER LIGHTING
- SUSPENDED INDIRECT LIGHT FIXTURE TO BE SELECTED
- HATCH INDICATES GYP. BD. CEILING

NOTE:
1. THE CEILING HEIGHT FOR LAY-IN ACOUSTICAL CEILING TILE IS TO BE 9'-0" A.F.F. UNLESS NOTED OTHERWISE.

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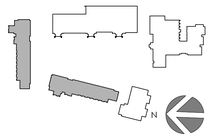

Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

REFLECTED CEILING PLANS

WOMEN'S & MEN'S RESIDENTIAL BUILDINGS

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-603

9/23/2020 4:25 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-603 - CD Reflected Ceiling Plan - Women's & Men's Residential Buildings.dwg

REFLECTED CEILING PLAN - DETOX BUILDING

SCALE: 1/8" = 1'-0"

01

LIGHTING/CEILING LEGEND

- 2X4 LAY-IN LED INDIRECT FIXTURE
- 2X4 ACRYLIC LAY-IN LED FIXTURE
- 1X4 SURFACE LED FIXTURE
- RECESSED LED FIXTURE
- 12" PENDANT FIXTURE
- RECESSED SHOWER FIXTURE
- WALL SCONCE
- SUSPENDED UTILITY LED FIXTURE
- S SURFACE MOUNTED UTILITY LED FIXTURE
- WALL-MTD. BATHROOM LED FIXTURE
- 4" W. RECESSED LED FIXTURE
- LED LINEAR PERIMETER LIGHTING
- SUSPENDED INDIRECT LIGHT FIXTURE TO BE SELECTED
- HATCH INDICATES GYP. BD. CEILING

NOTE:
1. THE CEILING HEIGHT FOR LAY-IN ACOUSTICAL CEILING TILE IS TO BE 9'-0" A.F.F. UNLESS NOTED OTHERWISE.

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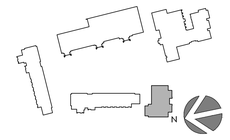


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

REFLECTED CEILING PLAN

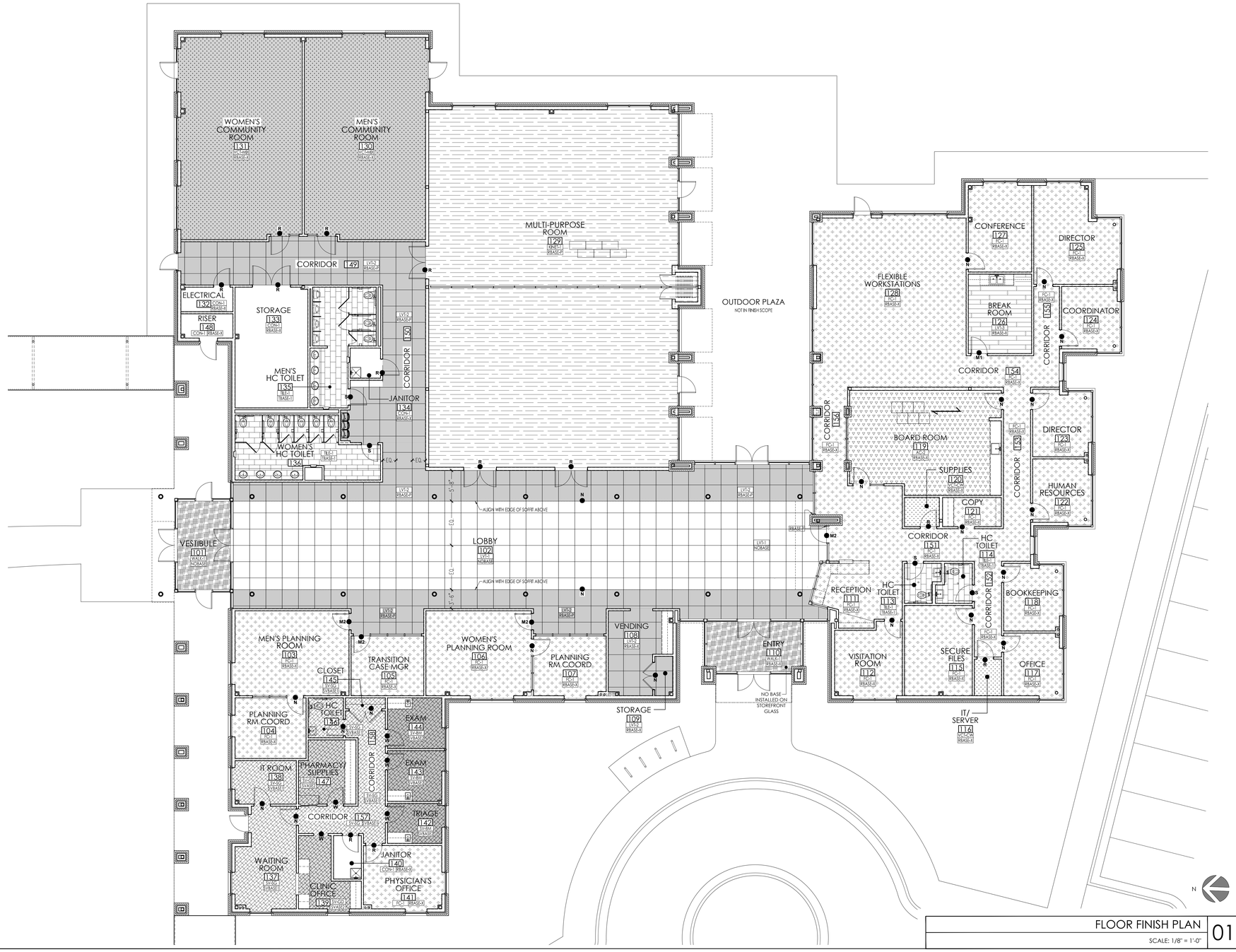
DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-604

9/23/2020 4:26 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-604 - CD Reflected Ceiling Plan - Detox Building.dwg



FLOOR FINISH PLAN 01

SCALE: 1/8" = 1'-0"

REFERENCE DRAWING SHEET A-201 FOR FLOORING FINISH LEGEND

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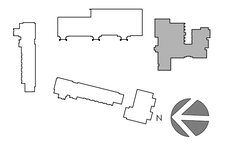


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMKG

Sheet Title

FLOOR FINISH PLAN

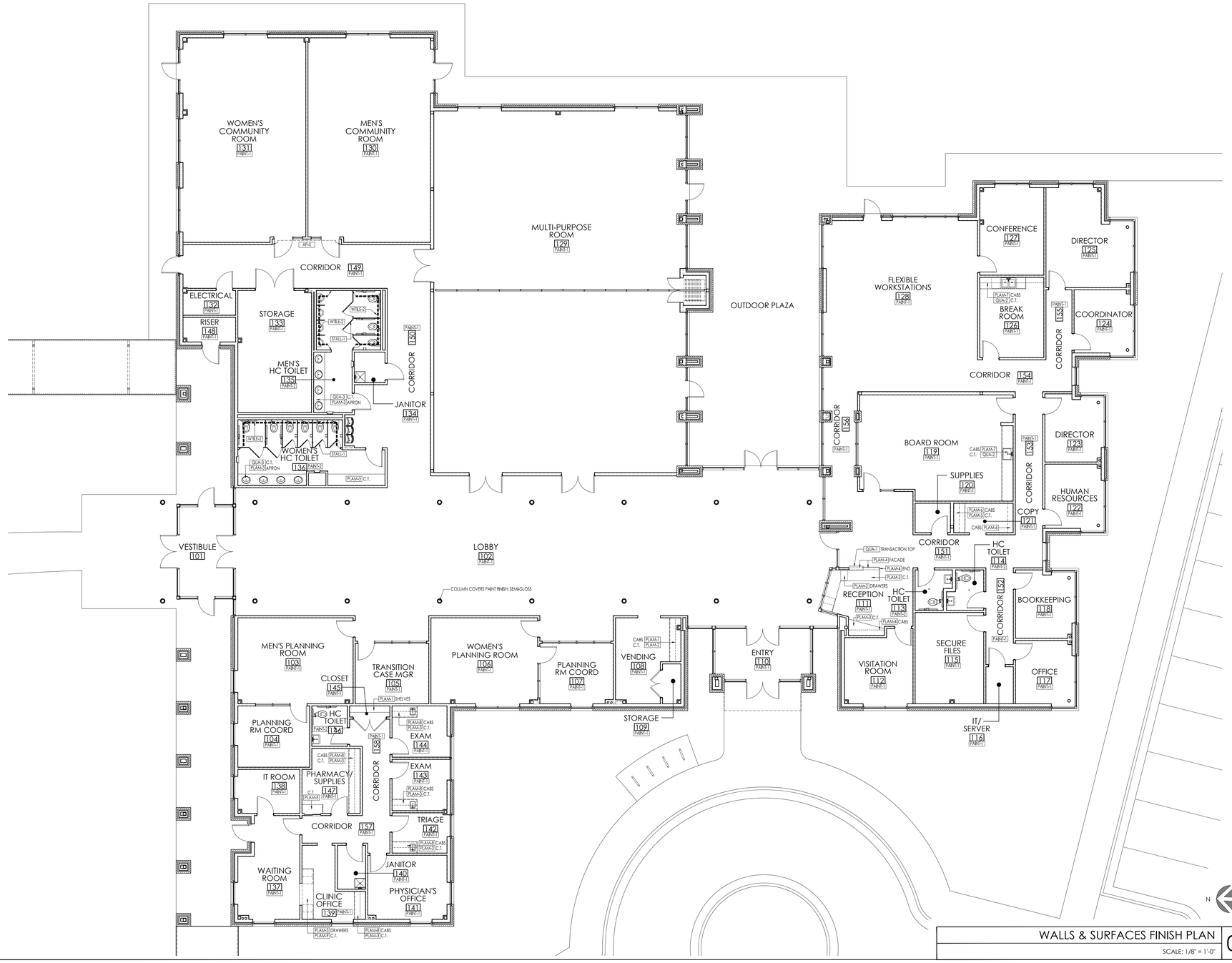
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-701

9/23/2020 4:28 PM P:\16HTWILMKG\Construction Documents\CD-16HTWILMKG - A-701 - CD Floor Finish Plan - Administrative Building.dwg



WALLS & SURFACES FINISH PLAN 01

SCALE: 1/8" = 1'-0"

REFERENCE DRAWING SHEET A-202 FOR WALLS & SURFACES FINISH LEGEND

9/23/2020 4:29 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-702 - CD Wall Finish Floor Plan - Administrative Building.dwg

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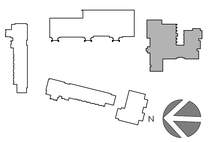


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

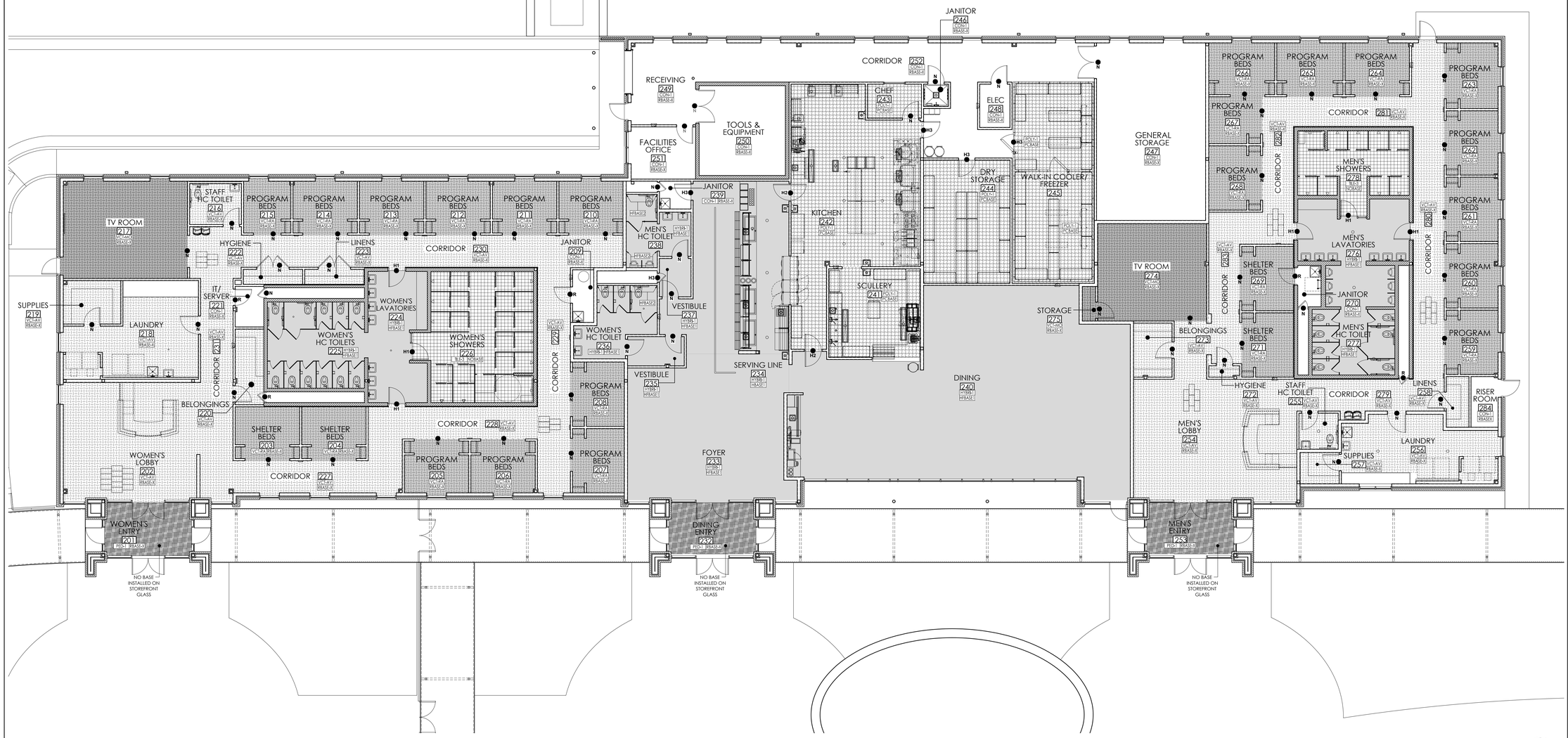
Sheet Title

WALLS & SURFACES FINISH PLAN ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-702



FLOOR FINISH PLAN 01

SCALE: 1/8" = 1'-0"

REFERENCE DRAWING SHEET A-201 FOR FLOORING FINISH LEGEND

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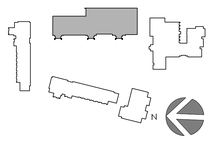


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FLOOR FINISH PLAN

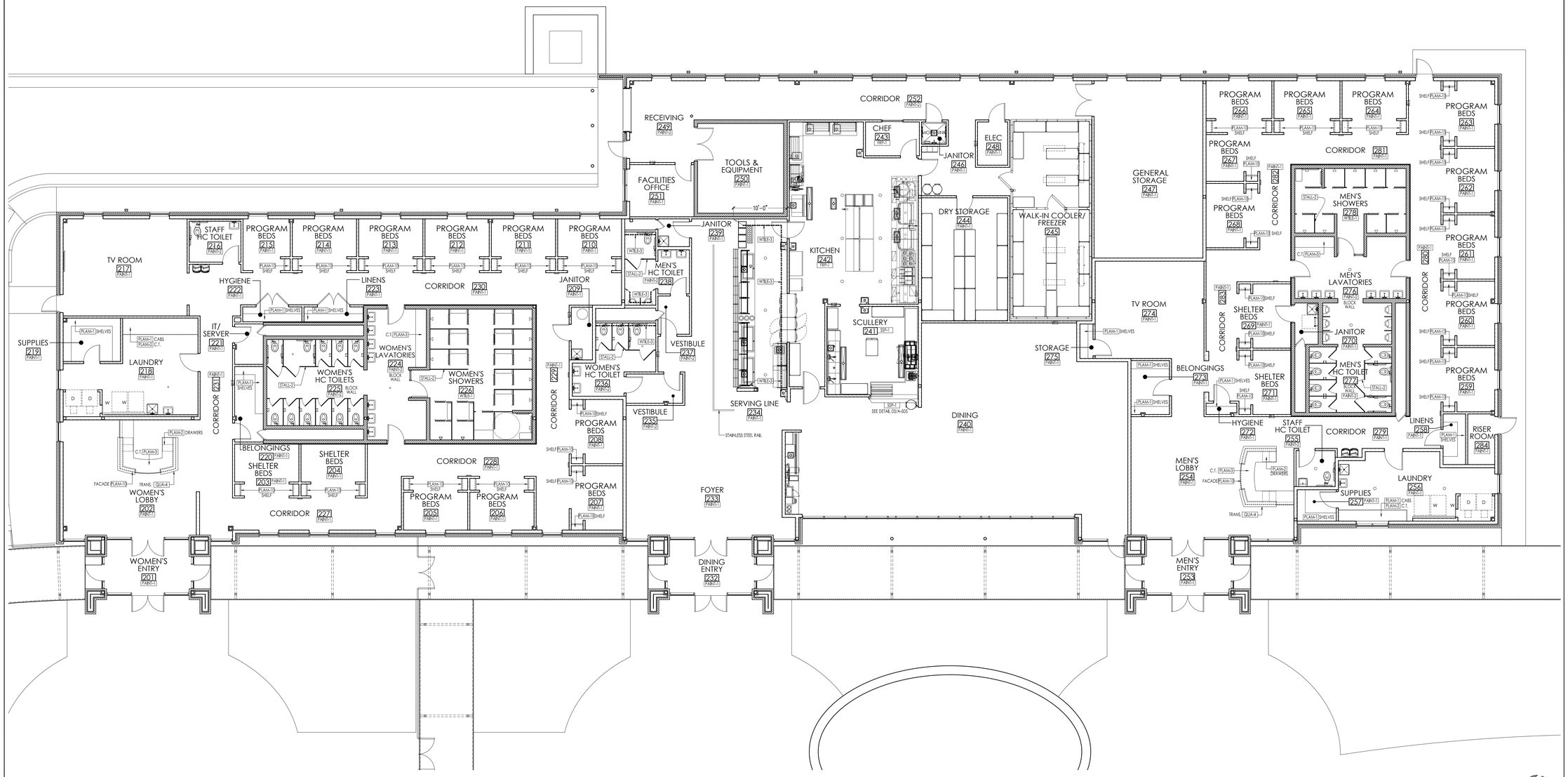
DINING/SHELTER/STORAGE BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-703

9/23/2020 4:30 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-703 - CD Floor Finish Plan - Dining - Shelter - Storage Building.dwg



WALLS & SURFACES FINISH PLAN — SCALE: 1/8" = 1'-0" — 01

REFERENCE DRAWING SHEET A-202 FOR WALLS & SURFACES FINISH LEGEND

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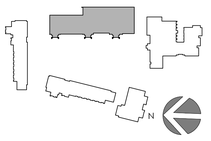


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

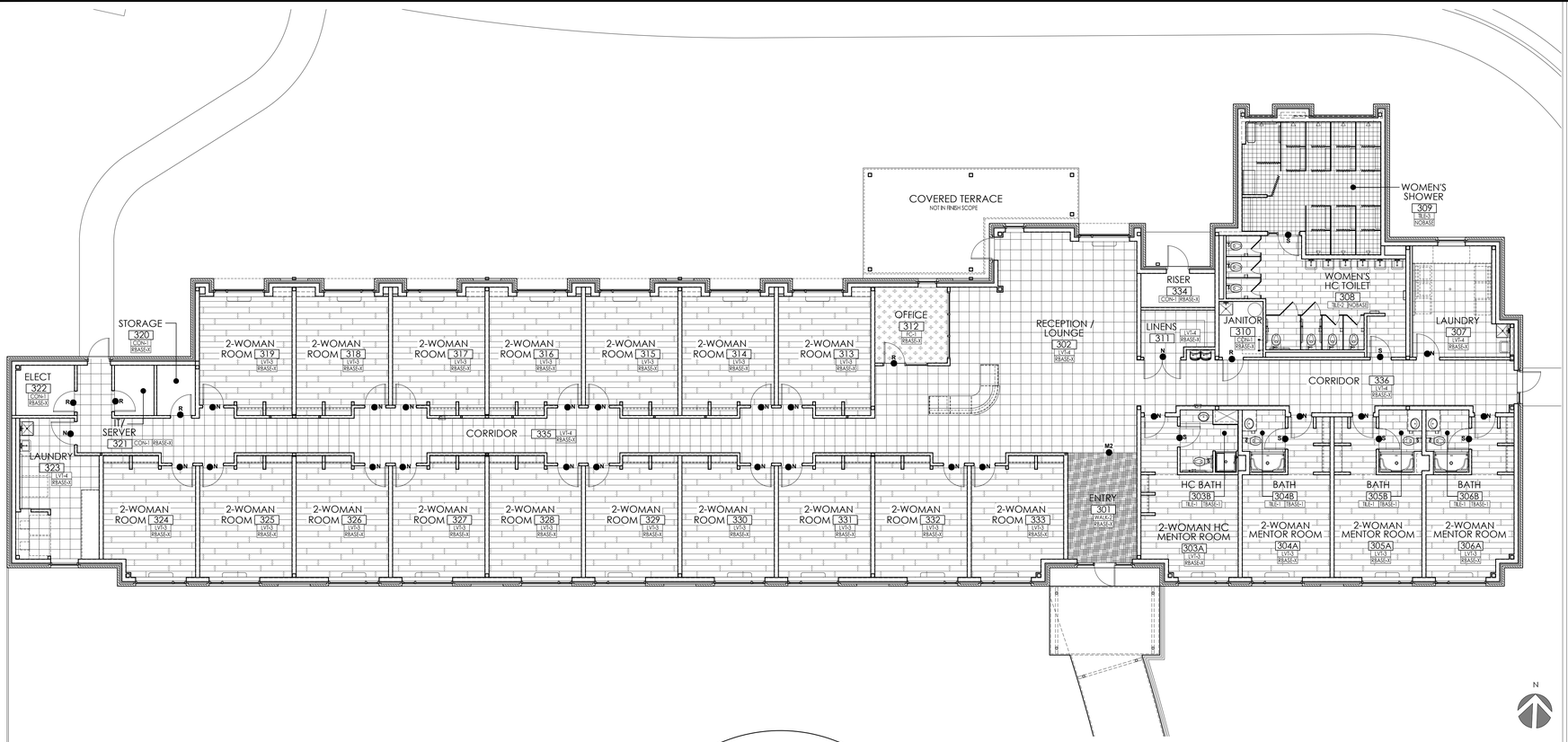
WALLS & SURFACES FINISH PLAN
DINING/SHELTER/STORAGE BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-704

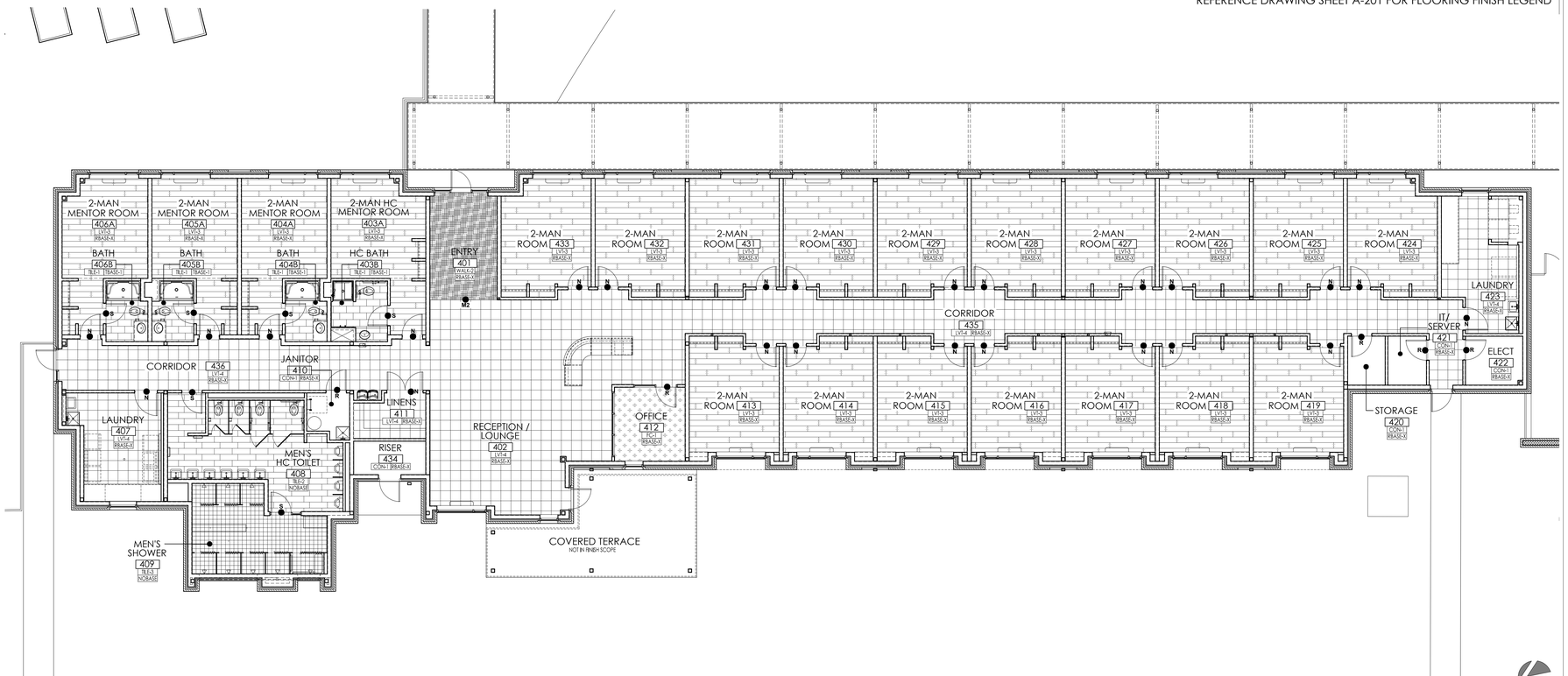
9/23/2020 4:31 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-704 - CD Wall Finish Plan - Dining - Shelter - Storage Building.dwg



FLOOR FINISH PLAN - WOMEN'S RESIDENTIAL BUILDING 01

SCALE: 1/8" = 1'-0"

REFERENCE DRAWING SHEET A-201 FOR FLOORING FINISH LEGEND



FLOOR FINISH PLAN - MEN'S RESIDENTIAL BUILDING 02

SCALE: 1/8" = 1'-0"

REFERENCE DRAWING SHEET A-201 FOR FLOORING FINISH LEGEND

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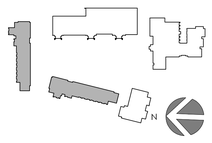


Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FLOOR FINISH PLANS

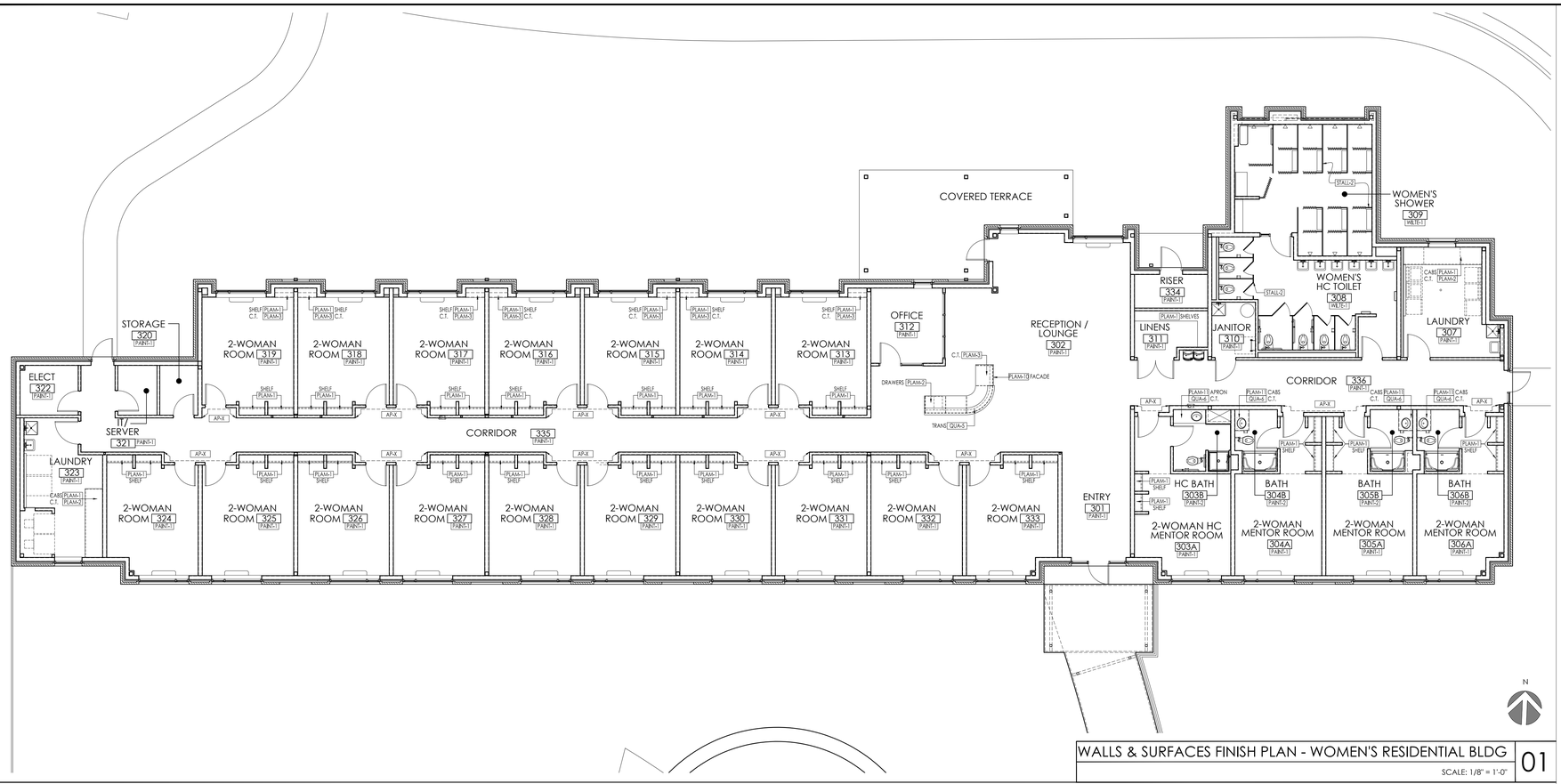
WOMEN'S & MEN'S RESIDENTIAL BUILDINGS

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-705

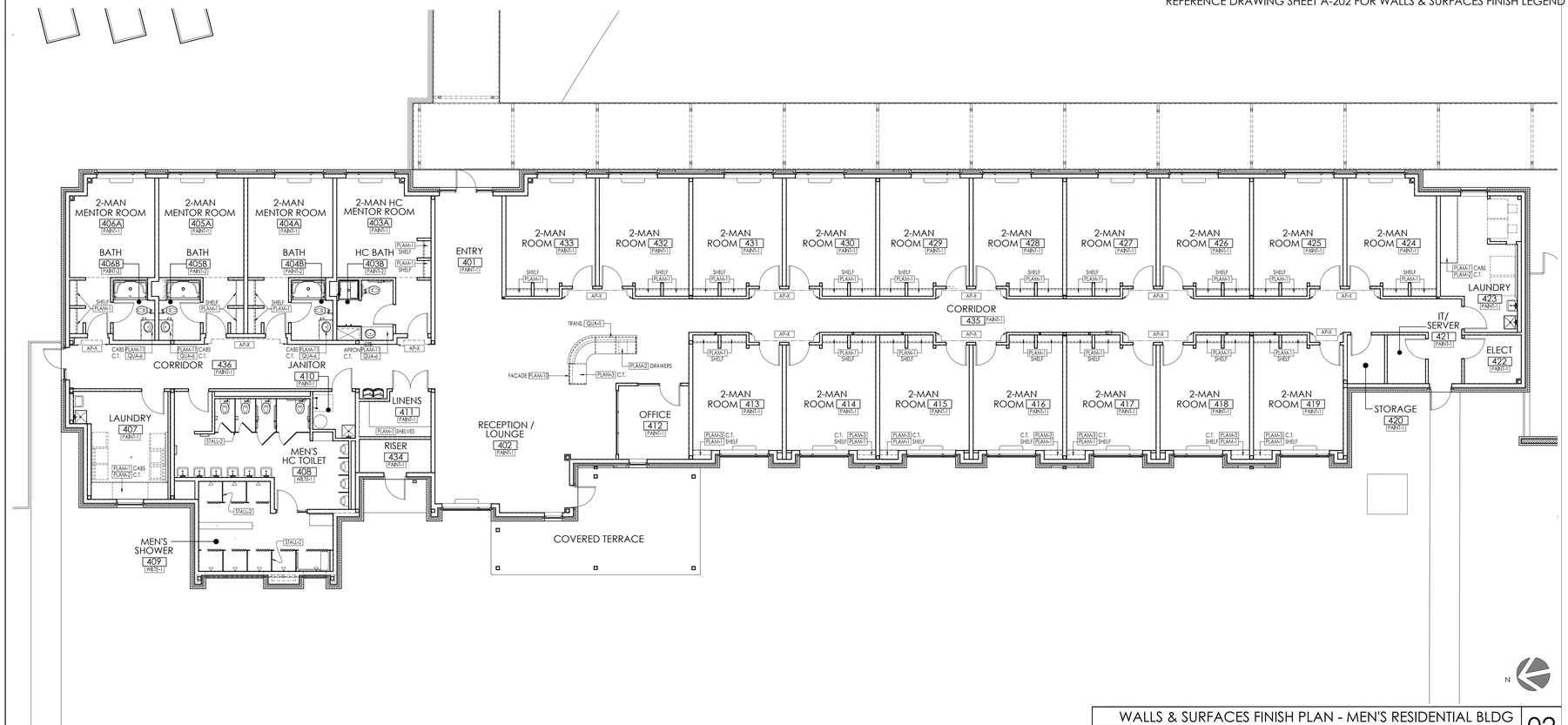
9/23/2020 4:32 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-705 - CD Floor Finish Plan - Women's & Men's Residential Buildings.dwg



WALLS & SURFACES FINISH PLAN - WOMEN'S RESIDENTIAL BLDG | 01

SCALE: 1/8" = 1'-0"

REFERENCE DRAWING SHEET A-202 FOR WALLS & SURFACES FINISH LEGEND



REFERENCE DRAWING SHEET A-202 FOR WALLS & SURFACES FINISH LEGEND

WALLS & SURFACES FINISH PLAN - MEN'S RESIDENTIAL BLDG | 02

SCALE: 1/8" = 1'-0"

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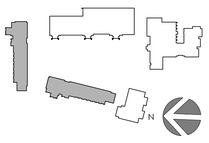


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

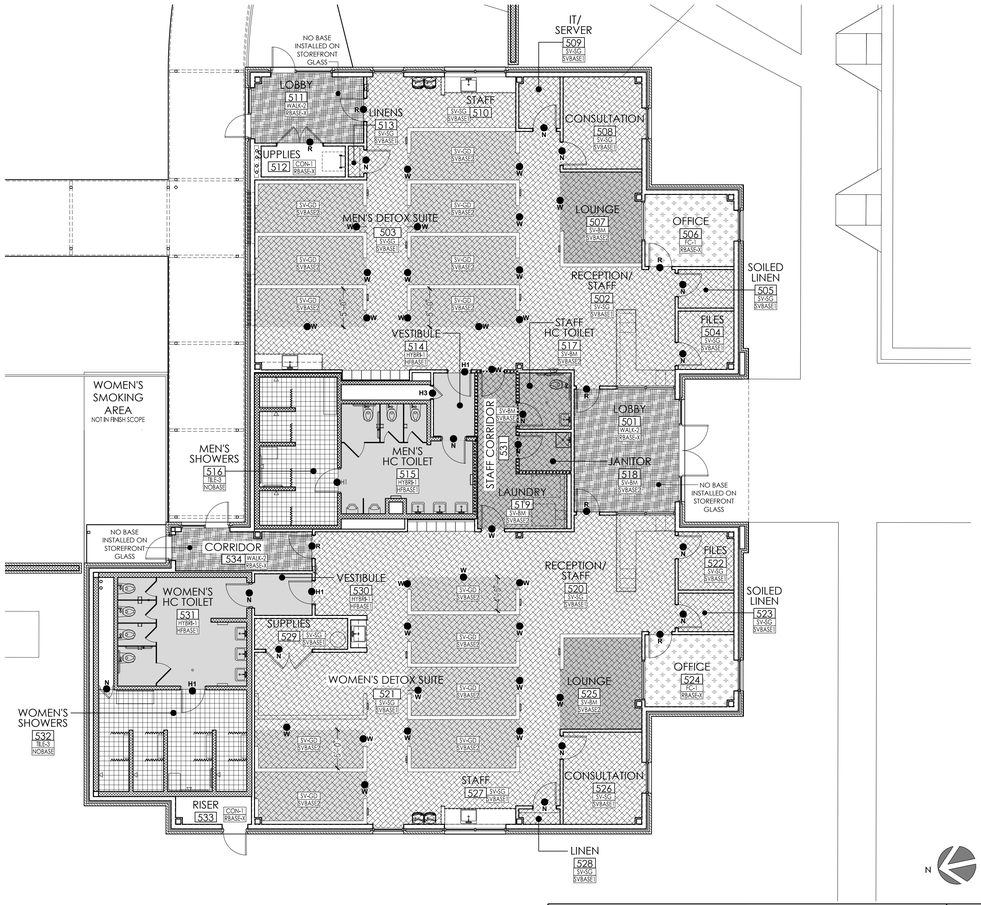
WALLS & SURFACES FINISH PLANS WOMEN'S & MEN'S RESIDENTIAL BUILDINGS

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-706

9/23/2020 4:33 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-706 - CD Wall Finish Plan - Women's & Men's Residential Buildings.dwg



FLOOR FINISH PLAN - DETOX BUILDING 01

SCALE: 1/8" = 1'-0"

REFERENCE DRAWING SHEET A-201 FOR FLOORING FINISH LEGEND

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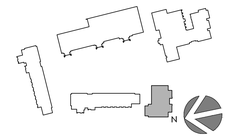

Professional Seals

No.	Description	Date
1	DESIGN DEVELOPMENT SET	04/09/20
2	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FLOOR FINISH PLAN

DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-707

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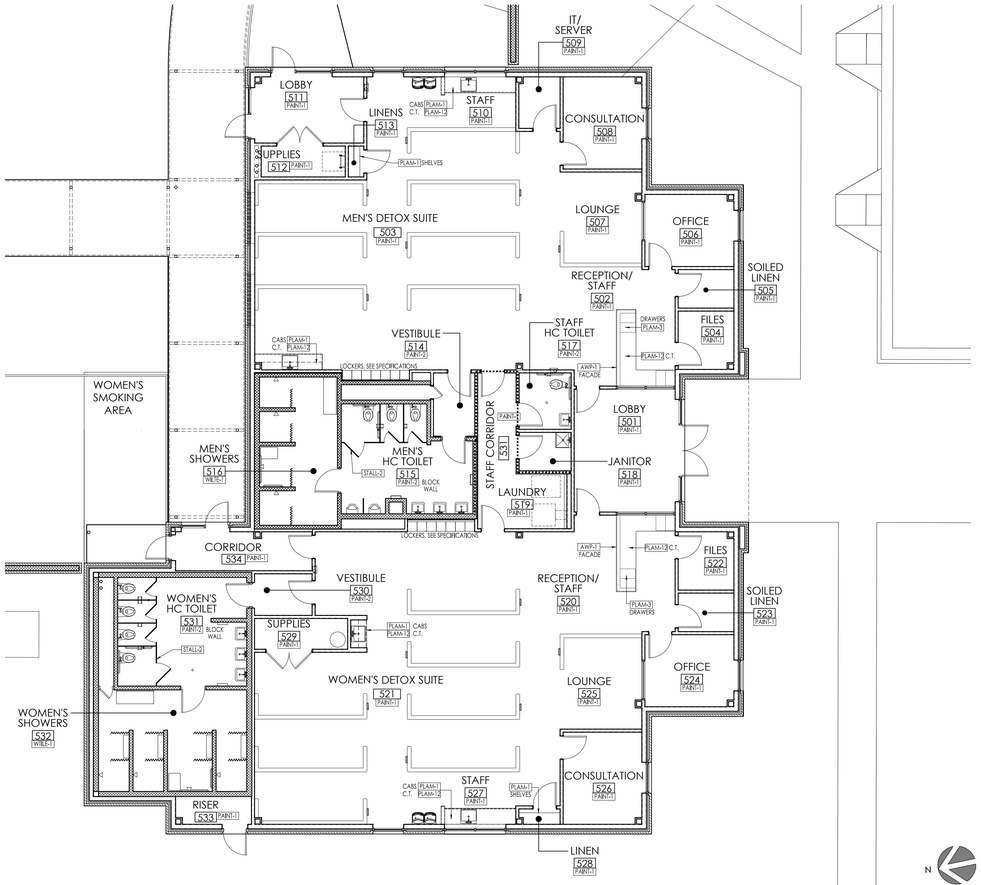

WALLS & SURFACES FINISH PLAN - DETOX BLDG	01
SCALE: 1/8" = 1'-0"	

REFERENCE DRAWING SHEET A-202 FOR WALLS & SURFACES FINISH LEGEND

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1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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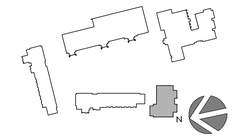
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

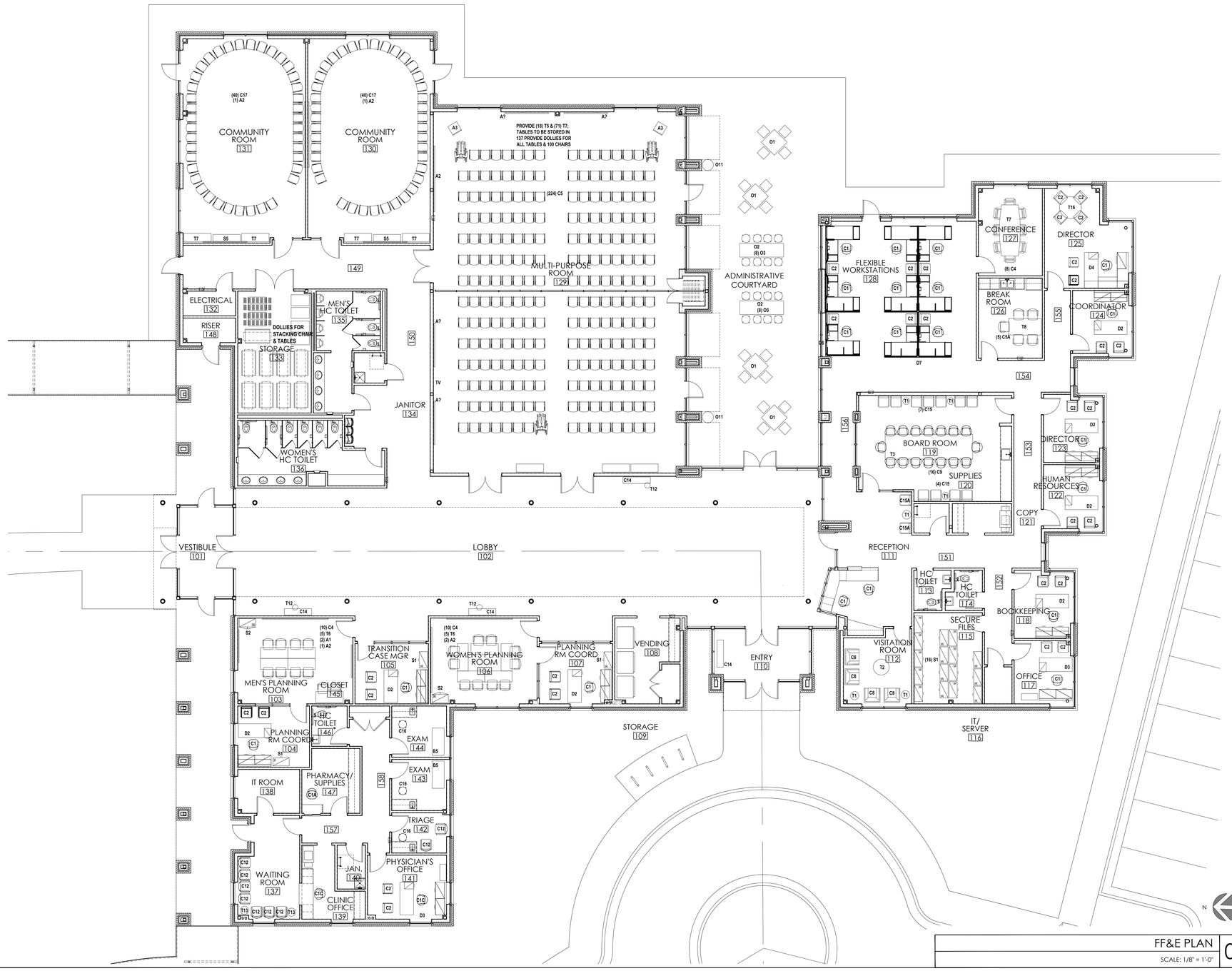
WALLS & SURFACES FINISH PLAN DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-708

9/23/2020 4:55 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-708 - CD Wall Finish Plan - Detox Building.dwg



FF&E PLAN 01

SCALE: 1/8" = 1'-0"

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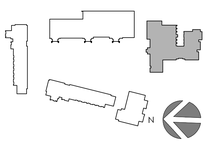


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FF&E PLAN

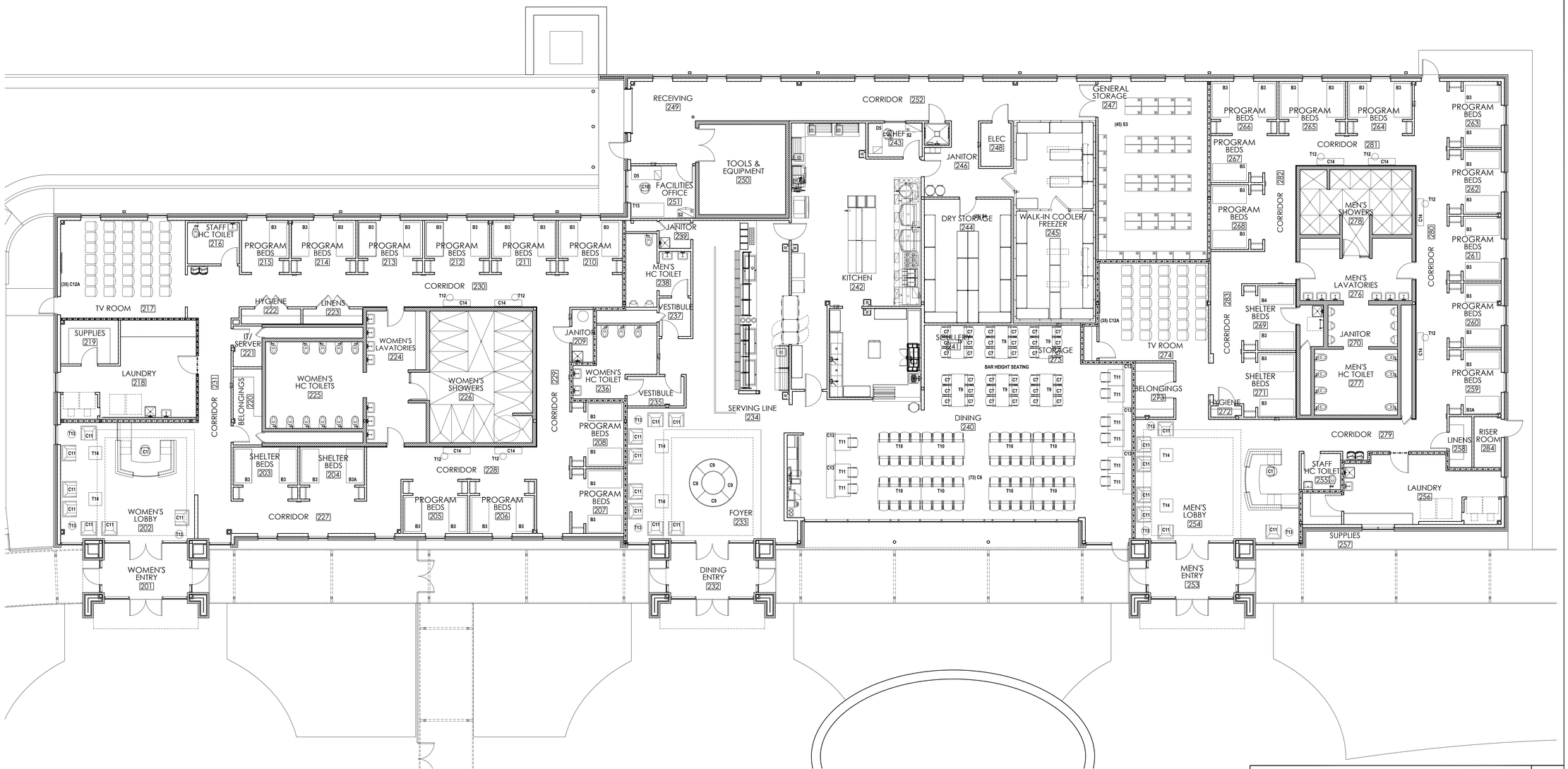
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-801

9/23/2020 4:36 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-801 - CD FFE Plan - Administrative Building.dwg



FF&E PLAN 01

SCALE: 1/8" = 1'-0"

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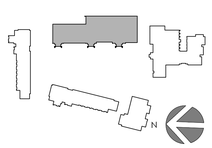
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FF&E PLAN

DINING/SHELTER/SHELTER BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-802

9/23/2020 4:38 PM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - A-802 - CD FFE Plan - Dining - Shelter - Storage Building.dwg

FF&E PLAN - WOMEN'S RESIDENTIAL BUILDING 01

SCALE: 1/8" = 1'-0"

FF&E PLAN - MEN'S RESIDENTIAL BUILDING 02

SCALE: 1/8" = 1'-0"

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1000 MEDICAL CENTER DRIVE
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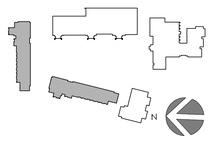
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FF&E PLANS

WOMEN'S & MEN'S RESIDENTIAL BUILDINGS

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

A-803

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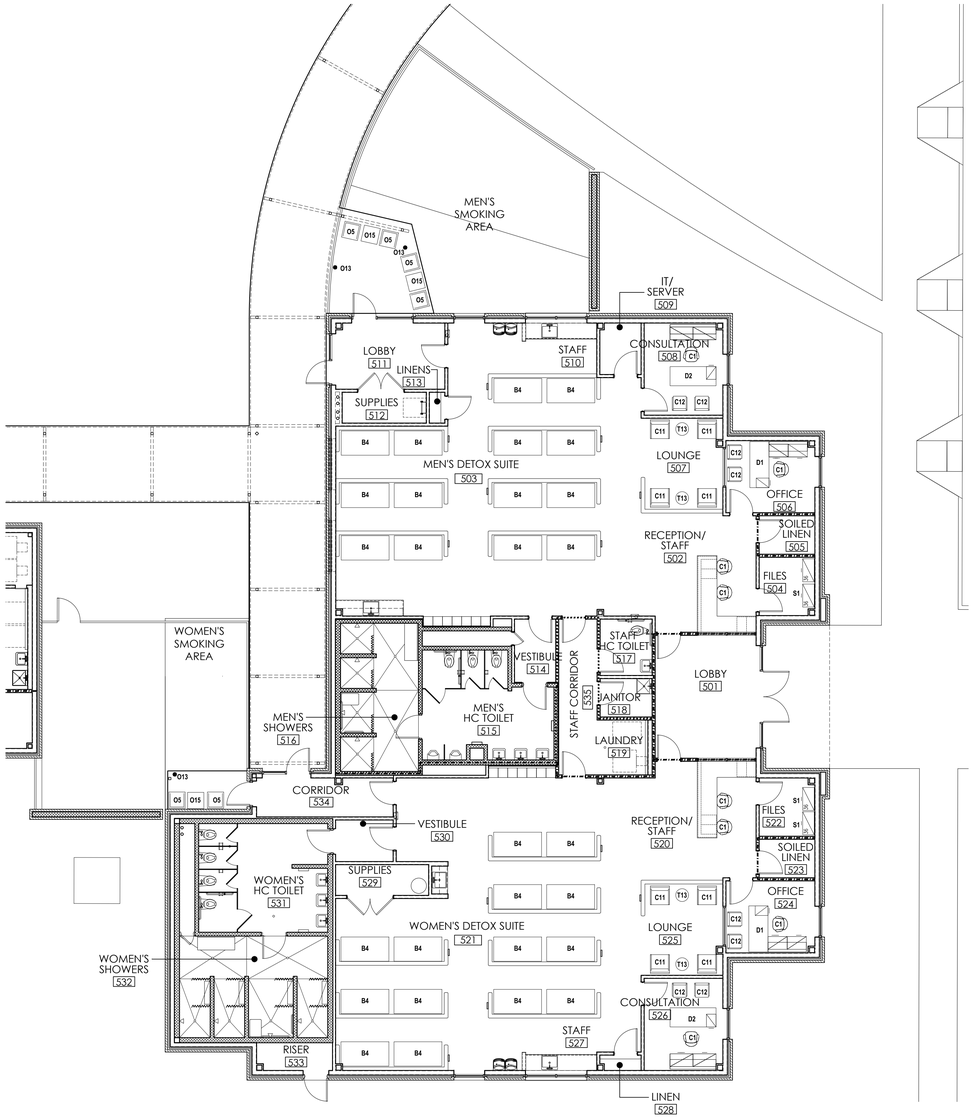

FF&E PLAN - DETOX BUILDING

SCALE: 1/8" = 1'-0"

01

SCALE: 1/8" = 1'-0"

02

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Key Plan

Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

FF&E PLAN

DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

A-804

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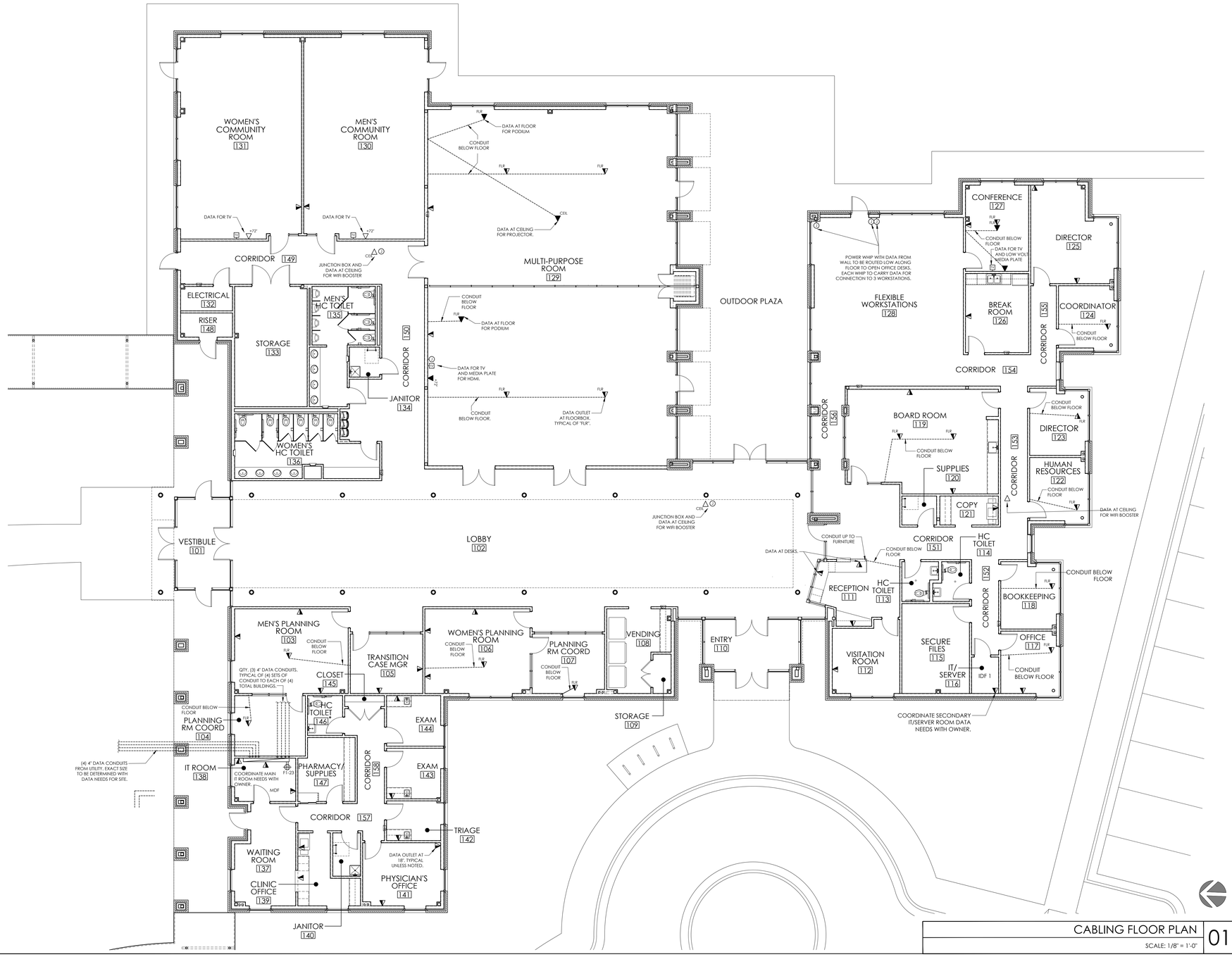

CABLING FLOOR PLAN

SCALE: 1/8" = 1'-0"

01

STRUCTURED CABLING SITE PLAN NOTES:

1. ALL COPPER CABLE WILL BE DESIGNATED CATEGORY 6 PLENUM
2. ALL FIBER OPTIC CABLING WILL BE DESIGNATED 12 STRAND MM PLENUM OM3 ARMORED FIBER FOR INTERNAL USE. LC TERMINATIONS
3. ALL FIBER OPTIC CABLING WILL BE DESIGNATED 12 STRAND MM PLENUM OM3 INSIDE/OUTSIDE FIBER FOR BUILDING TO BUILDING USE. LC TERMINATIONS
4. ALL FIBER TERMINATIONS WILL BE TERMINATED IN RACKMOUNT PANELS LOCATED IN THE TOP OF MDF RACK AND PROFESSIONALLY LABELED AND TESTED.
5. ALL FIBER TERMINATIONS IN IDF LOCATIONS WILL BE TERMINATED IN RACKMOUNT PANELS LOCATED IN THE TOP OF WALL RACK AND PROFESSIONALLY LABELED AND TESTED.
6. MDF INSTALL- (1) 7' DATA EQUIPMENT RACK W/ 12" WIDE LADDER RACK FOR CABLE ACCESS
7. IDF 1-5 INSTALL- (1) 24" SWING DOOR WALL RACK FOR EACH IDF LOCATION
8. FIBER TO CONNECT ALL IDF LOCATIONS. IDF LOCATIONS OUTSIDE OF MAIN BUILDING WITH MDF HAVE 4" CONDUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR

SYMBOLS LEGEND

- SINGLE DATA DROP
- DUAL DATA DROP
- SINGLE HDMI LOCATION AND SINGLE DATA DROP
- (1) 6 DATA EACH- EACH WHIP SUPPLIES 3 CUBICLES DATA CONNECTIONS (2 DATA EACH CUBICLE)

MDF/IDF ROOM #'S
MDF - ROOM 138
IDF 1 - ROOM 116
IDF 2 - ROOM 221
IDF 3 - ROOM 321
IDF 4 - ROOM 421
IDF 5 - ROOM 509

ESTIMATED DISTANCE FROM MDF TO IDF 2 - IDF 5

MDF TO IDF 2 - 314 FEET X 1.25 = 392.5 FEET

MDF TO IDF 3 - 432 FEET X 1.25 = 540 FEET

MDF TO IDF 4 - 187 FEET X 1.25 = 233.75 FEET

MDF TO IDF 5 - 107 FEET X 1.25 = 133.75 FEET

THE ABOVE LINEAR DISTANCES ARE PROVIDED FOR CABLING SUBCONTRACTOR CONVENIENCE AND ARE NOT GUARANTEED - ACTUAL DISTANCES MAY VARY BASED ON THE ACTUAL ROUTING FOR EACH BUILDING TO BUILDING CONDUIT AS PROVIDED AND INSTALLED BY THE ELECTRICAL SUBCONTRACTOR - THE ABOVE NUMBERS HAVE BEEN CALCULATED BY MULTIPLYING THE STRAIGHT LINE DISTANCE BETWEEN ROOMS BY A FACTOR OF 1.25 TO ACCOUNT FOR POTENTIAL VARIABLES ENCOUNTERED IN THE FIELD DURING ACTUAL CONDUIT INSTALLATION

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Client

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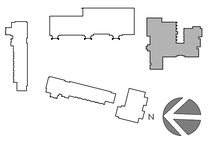


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

CABLING FLOOR PLAN

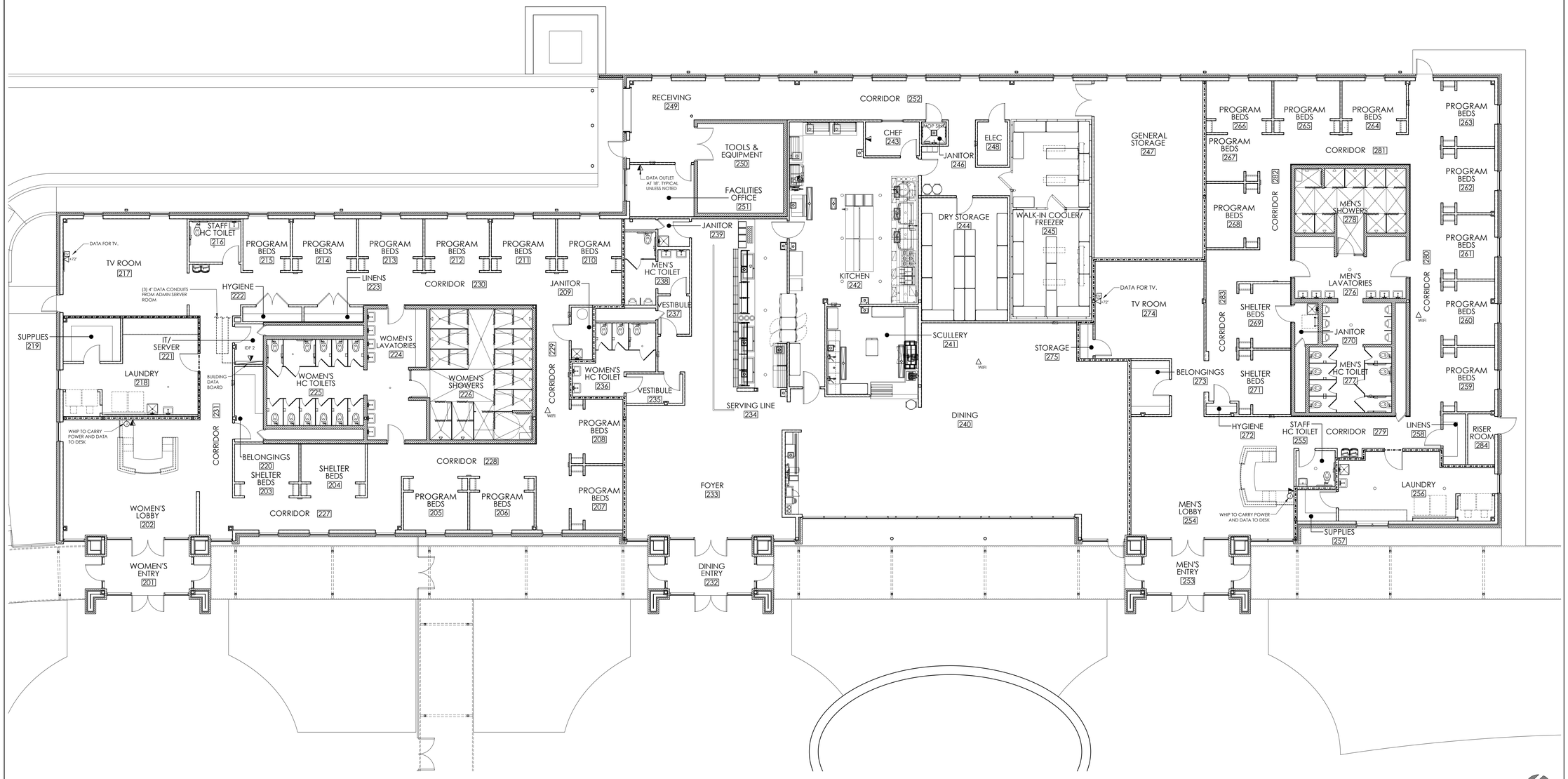
ADMINISTRATIVE/ EDUCATION BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

CB-101

9/24/2020 9:47 AM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - CB-101 - Cabling Floor Plan - Administrative Building.dwg



N

CABLING FLOOR PLAN

SCALE: 1/8" = 1'-0"

01

STRUCTURED CABLING SITE PLAN NOTES:

1. ALL COPPER CABLE WILL BE DESIGNATED CATEGORY 6 PLENUM
2. ALL FIBER OPTIC CABLING WILL BE DESIGNATED 12 STRAND MM PLENUM OM3 ARMORED FIBER FOR INTERNAL USE, LC TERMINATIONS
3. ALL FIBER OPTIC CABLING WILL BE DESIGNATED 12 STRAND MM PLENUM OM3 INSIDE/OUTSIDE FIBER FOR BUILDING TO BUILDING USE, LC TERMINATIONS
4. ALL FIBER TERMINATIONS WILL BE TERMINATED IN RACKMOUNT PANELS LOCATED IN THE TOP OF MDF RACK AND PROFESSIONALLY LABELED AND TESTED.
5. ALL FIBER TERMINATIONS IN IDF LOCATIONS WILL BE TERMINATED IN RACKMOUNT PANELS LOCATED IN THE TOP OF WALL RACK AND PROFESSIONALLY LABELED AND TESTED.
6. MDF INSTALL- (1) 7' DATA EQUIPMENT RACK W/ 12" WIDE LADDER RACK FOR CABLE ACCESS
7. IDF 1-5 INSTALL- (1) 24" SWING DOOR WALL RACK FOR EACH IDF LOCATION
8. FIBER TO CONNECT ALL IDF LOCATIONS. IDF LOCATIONS OUTSIDE OF MAIN BUILDING WITH MDF HAVE 4" CONDUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR

ESTIMATED DISTANCE FROM MDF TO IDF 2 - IDF 5	
MDF TO IDF 2 -	314 FEET X 1.25 = 392.5 FEET
MDF TO IDF 3 -	432 FEET X 1.25 = 540 FEET
MDF TO IDF 4 -	187 FEET X 1.25 = 233.75 FEET
MDF TO IDF 5 -	107 FEET X 1.25 = 133.75 FEET

THE ABOVE LINEAR DISTANCES ARE PROVIDED FOR CABLING SUBCONTRACTOR CONVENIENCE AND ARE NOT GUARANTEED - ACTUAL DISTANCES MAY VARY BASED ON THE ACTUAL ROUTING FOR EACH BUILDING TO BUILDING CONDUIT AS PROVIDED AND INSTALLED BY THE ELECTRICAL SUBCONTRACTOR - THE ABOVE NUMBERS HAVE BEEN CALCULATED BY MULTIPLYING THE STRAIGHT LINE DISTANCE BETWEEN ROOMS BY A FACTOR OF 1.25 TO ACCOUNT FOR POTENTIAL VARIABLES ENCOUNTERED IN THE FIELD DURING ACTUAL CONDUIT INSTALLATION

SYMBOLS LEGEND
▷ SINGLE DATA DROP
▶ DUAL DATA DROP
▶ SINGLE HDMI LOCATION AND SINGLE DATA DROP
① 6 DATA EACH- EACH WHIP SUPPLIES 3 CUBICLES DATA CONNECTIONS (2 DATA EACH CUBICLE)

MDF/IDF ROOM #'S
MDF - ROOM 138
IDF 1 - ROOM 116
IDF 2 - ROOM 221
IDF 3 - ROOM 321
IDF 4 - ROOM 421
IDF 5 - ROOM 509

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WILMINGTON, NORTH CAROLINA

Client

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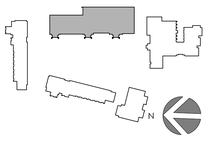


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

CABLING FLOOR PLAN

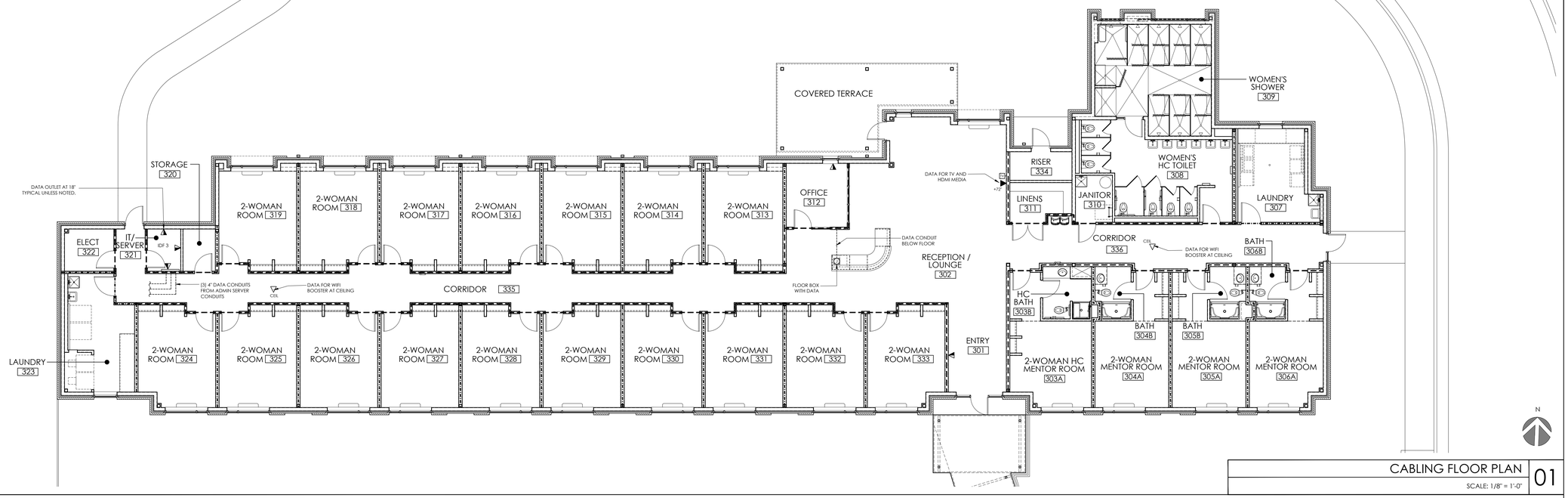
DINING/SHELTER/STORAGE BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

CB-103

9/24/2020 9:49 AM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - CB-103 - Cabling Floor Plan - Dining - Shelter - Storage Building.dwg



CABLING FLOOR PLAN 01

SCALE: 1/8" = 1'-0"

STRUCTURED CABLING SITE PLAN NOTES:

1. ALL COPPER CABLE WILL BE DESIGNATED CATEGORY 6 PLENUM
2. ALL FIBER OPTIC CABLING WILL BE DESIGNATED 12 STRAND MM PLENUM OM3 ARMORED FIBER FOR INTERNAL USE, LC TERMINATIONS
3. ALL FIBER OPTIC CABLING WILL BE DESIGNATED 12 STRAND MM PLENUM OM3 INSIDE/OUTSIDE FIBER FOR BUILDING TO BUILDING USE, LC TERMINATIONS
4. ALL FIBER TERMINATIONS WILL BE TERMINATED IN RACKMOUNT PANELS LOCATED IN THE TOP OF MDF RACK AND PROFESSIONALLY LABELED AND TESTED.
5. ALL FIBER TERMINATIONS IN IDF LOCATIONS WILL BE TERMINATED IN RACKMOUNT PANELS LOCATED IN THE TOP OF WALL RACK AND PROFESSIONALLY LABELED AND TESTED.
6. MDF INSTALL- (1) 7' DATA EQUIPMENT RACK W/ 12" WIDE LADDER RACK FOR CABLE ACCESS
7. IDF 1-5 INSTALL- (1) 24" SWING DOOR WALL RACK FOR EACH IDF LOCATION
8. FIBER TO CONNECT ALL IDF LOCATIONS, IDF LOCATIONS OUTSIDE OF MAIN BUILDING WITH MDF HAVE 4" CONDUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR

ESTIMATED DISTANCE FROM MDF TO IDF 2 - IDF 5

MDF TO IDF 2 -	314 FEET X 1.25 = 392.5 FEET
MDF TO IDF 3 -	432 FEET X 1.25 = 540 FEET
MDF TO IDF 4 -	187 FEET X 1.25 = 233.75 FEET
MDF TO IDF 5 -	107 FEET X 1.25 = 133.75 FEET

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SYMBOLS LEGEND

- SINGLE DATA DROP
- DUAL DATA DROP
- SINGLE HDMI LOCATION AND SINGLE DATA DROP
- 4 DATA EACH- EACH WHIP SUPPLIES 3 CUBICLES DATA CONNECTIONS (2 DATA EACH CUBICLE)

MDF/IDF ROOM #'S

MDF - ROOM 138
IDF 1 - ROOM 116
IDF 2 - ROOM 221
IDF 3 - ROOM 321
IDF 4 - ROOM 421
IDF 5 - ROOM 509

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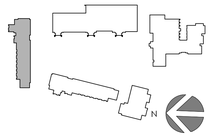


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

CABLING FLOOR PLAN

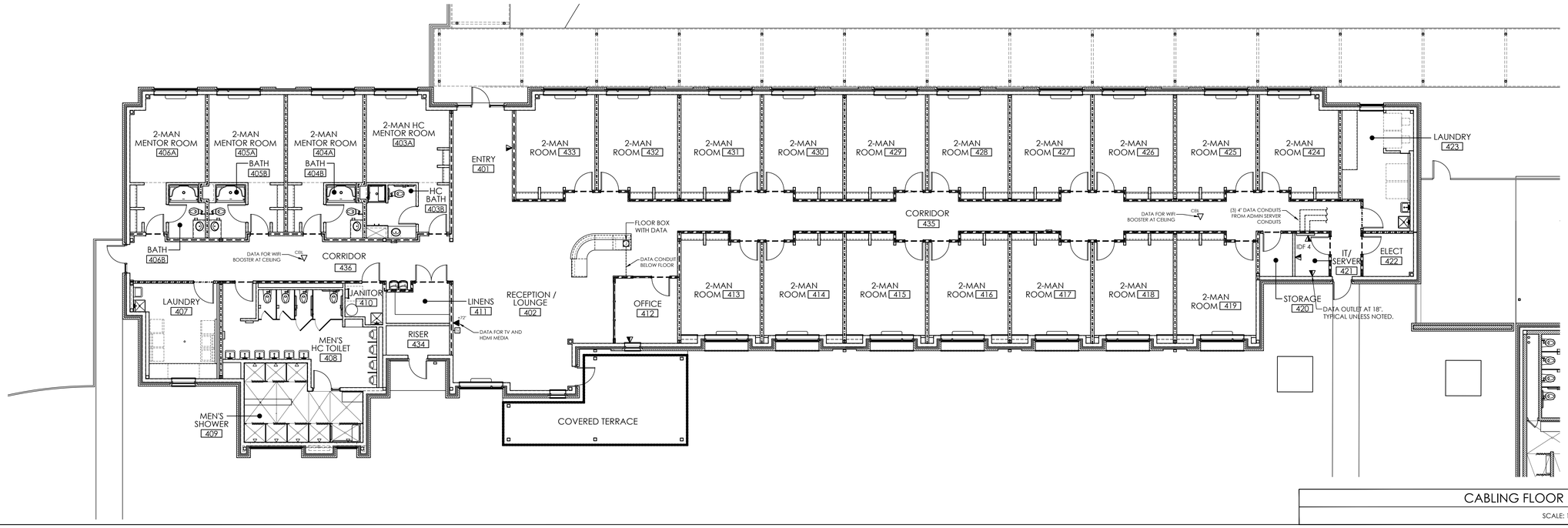
RESIDENTIAL WOMEN'S FACILITY BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing.

Sheet Number

CB-105

9/24/2020 9:50 AM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - CB-105 - CD Cabling Floor Plan - Residential Women's Facility Building.dwg



CABLING FLOOR PLAN 01

SCALE: 1/8" = 1'-0"

STRUCTURED CABLING SITE PLAN NOTES:

1. ALL COPPER CABLE WILL BE DESIGNATED CATEGORY 6 PLENUM
2. ALL FIBER OPTIC CABLING WILL BE DESIGNATED 12 STRAND MM PLENUM OM3 ARMORED FIBER FOR INTERNAL USE. LC TERMINATIONS
3. ALL FIBER OPTIC CABLING WILL BE DESIGNATED 12 STRAND MM PLENUM OM3 INSIDE/OUTSIDE FIBER FOR BUILDING TO BUILDING USE. LC TERMINATIONS
4. ALL FIBER TERMINATIONS WILL BE TERMINATED IN RACKMOUNT PANELS LOCATED IN THE TOP OF MDF RACK AND PROFESSIONALLY LABELED AND TESTED.
5. ALL FIBER TERMINATIONS IN IDF LOCATIONS WILL BE TERMINATED IN RACKMOUNT PANELS LOCATED IN THE TOP OF WALL RACK AND PROFESSIONALLY LABELED AND TESTED.
6. MDF INSTALL- (1) 7' DATA EQUIPMENT RACK W/ 12" WIDE LADDER RACK FOR CABLE ACCESS
7. IDF 1-5 INSTALL- (1) 24" SWING DOOR WALL RACK FOR EACH IDF LOCATION
8. FIBER TO CONNECT ALL IDF LOCATIONS. IDF LOCATIONS OUTSIDE OF MAIN BUILDING WITH MDF HAVE 4" CONDUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR

ESTIMATED DISTANCE FROM MDF TO IDF 2 - IDF 5

MDF TO IDF 2 -	314 FEET X 1.25 = 392.5 FEET
MDF TO IDF 3 -	432 FEET X 1.25 = 540 FEET
MDF TO IDF 4 -	187 FEET X 1.25 = 233.75 FEET
MDF TO IDF 5 -	107 FEET X 1.25 = 133.75 FEET

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SYMBOLS LEGEND

- SINGLE DATA DROP
- DUAL DATA DROP
- SINGLE HDMI LOCATION AND SINGLE DATA DROP
- 6 DATA EACH- EACH WHIP SUPPLIES 3 CUBICLES DATA CONNECTIONS (2 DATA EACH CUBICLE)

MDF/IDF ROOM #'S

MDF - ROOM 138
IDF 1 - ROOM 116
IDF 2 - ROOM 221
IDF 3 - ROOM 321
IDF 4 - ROOM 421
IDF 5 - ROOM 509

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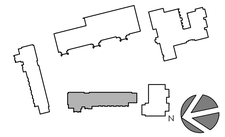


Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

CABLING FLOOR PLAN

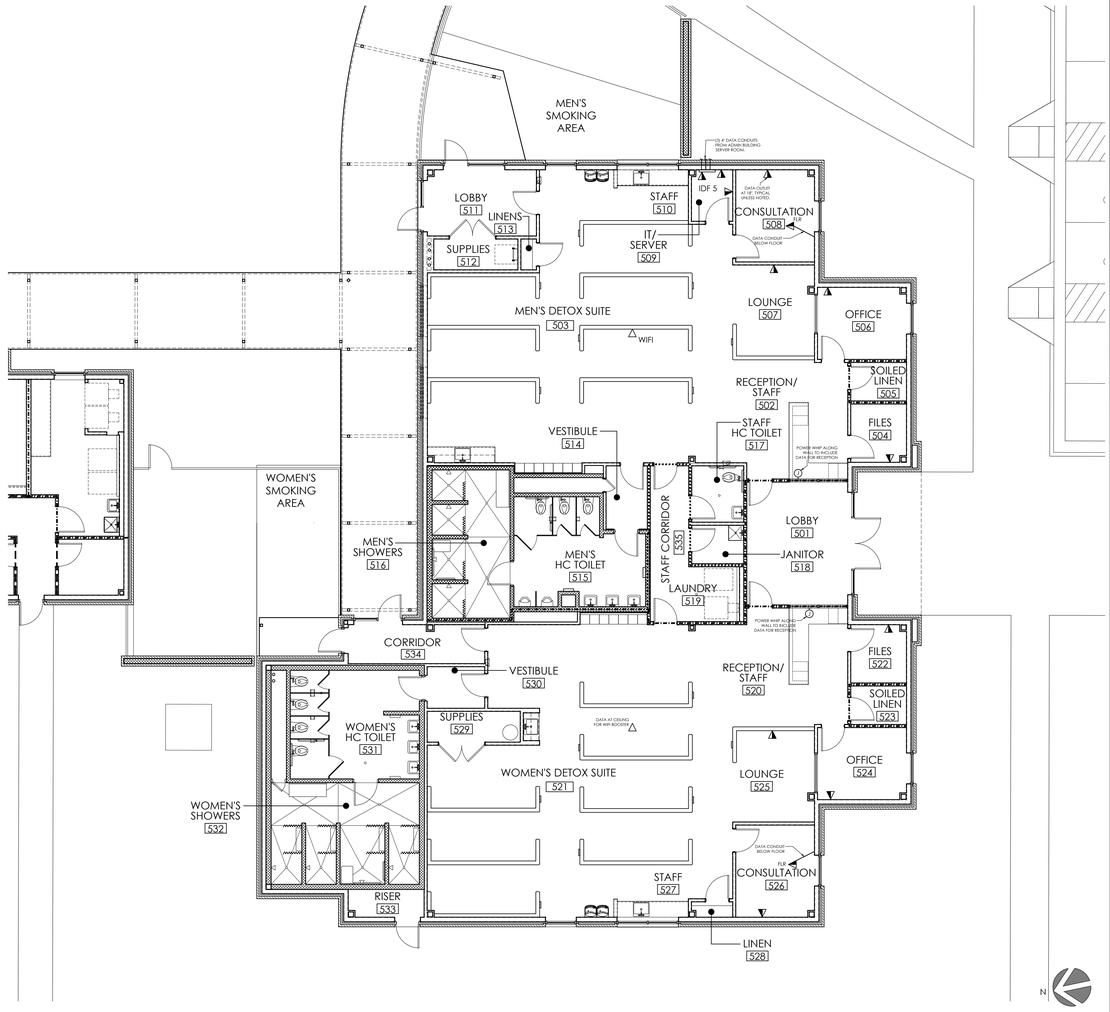
RESIDENTIAL MEN'S FACILITY BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

CB-106

9/24/2020 9:52 AM P:\16HTWILMING\Construction Documents\CD-16HTWILMING - CB-106 - CD Cabling Floor Plan - Residential Men's Facility Building.dwg



CABLING FLOOR PLAN

SCALE: 1/8" = 1'-0"

01

STRUCTURED CABLING SITE PLAN NOTES:

1. ALL COPPER CABLE WILL BE DESIGNATED CATEGORY 6 PLENUM
2. ALL FIBER OPTIC CABLING WILL BE DESIGNATED 12 STRAND MM PLENUM OM3 ARMORED FIBER FOR INTERNAL USE, LC TERMINATIONS.
3. ALL FIBER OPTIC CABLING WILL BE DESIGNATED 12 STRAND MM PLENUM OM3 INSIDE/OUTSIDE FIBER FOR BUILDING TO BUILDING USE, LC TERMINATIONS
4. ALL FIBER TERMINATIONS WILL BE TERMINATED IN RACKMOUNT PANELS LOCATED IN THE TOP OF MDF RACK AND PROFESSIONALLY LABELED AND TESTED.
5. ALL FIBER TERMINATIONS IN IDF LOCATIONS WILL BE TERMINATED IN RACKMOUNT PANELS LOCATED IN THE TOP OF WALL RACK AND PROFESSIONALLY LABELED AND TESTED.
6. MDF INSTALL- (1) 7' DATA EQUIPMENT RACK W/ 12" WIDE LADDER RACK FOR CABLE ACCESS
7. IDF 1-5 INSTALL- (1) 24" SWING DOOR WALL RACK FOR EACH IDF LOCATION
8. FIBER TO CONNECT ALL IDF LOCATIONS, IDF LOCATIONS OUTSIDE OF MAIN BUILDING WITH MDF HAVE 4" CONDUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR

SYMBOLS LEGEND

- ▷ SINGLE DATA DROP
- ◀▷ DUAL DATA DROP
- ▶ SINGLE HDMI LOCATION AND SINGLE DATA DROP
- ⓘ 6 DATA EACH- EACH WHIP SUPPLIES 3 CUBICLES DATA CONNECTIONS (2 DATA EACH CUBICLE)

MDF/IDF ROOM #'S

MDF -	ROOM 138
IDF 1 -	ROOM 116
IDF 2 -	ROOM 221
IDF 3 -	ROOM 321
IDF 4 -	ROOM 421
IDF 5 -	ROOM 509

ESTIMATED DISTANCE FROM MDF TO IDF 2 - IDF 5

MDF TO IDF 2 -	314 FEET X 1.25 = 392.5 FEET
MDF TO IDF 3 -	432 FEET X 1.25 = 540 FEET
MDF TO IDF 4 -	187 FEET X 1.25 = 233.75 FEET
MDF TO IDF 5 -	107 FEET X 1.25 = 133.75 FEET

THE ABOVE LINEAR DISTANCES ARE PROVIDED FOR CABLING SUBCONTRACTOR CONVENIENCE AND ARE NOT GUARANTEED - ACTUAL DISTANCES MAY VARY BASED ON THE ACTUAL ROUTING FOR EACH BUILDING TO BUILDING CONDUIT AS PROVIDED AND INSTALLED BY THE ELECTRICAL SUBCONTRACTOR - THE ABOVE NUMBERS HAVE BEEN CALCULATED BY MULTIPLYING THE STRAIGHT LINE DISTANCE BETWEEN ROOMS BY A FACTOR OF 1.25 TO ACCOUNT FOR POTENTIAL VARIABLES ENCOUNTERED IN THE FIELD DURING ACTUAL CONDUIT INSTALLATION

isdesign
ARCHITECTURE + INTERIORS
1111 Haynes Street, Suite 103
Raleigh, North Carolina 27604
t. 919.833.5400
www.isdesignpa.com

Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

NEW HANOVER COUNTY, NORTH CAROLINA

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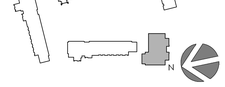
Key Plan



Professional Seals

No.	Description	Date
1	CONSTRUCTION DOCUMENT SET	08/25/20

Project Code: 16HTWILMING

Sheet Title

CABLING FLOOR PLAN

DETOX BUILDING

Original drawing is 42 x 30 Do not scale contents of this drawing

Sheet Number

CB-107

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