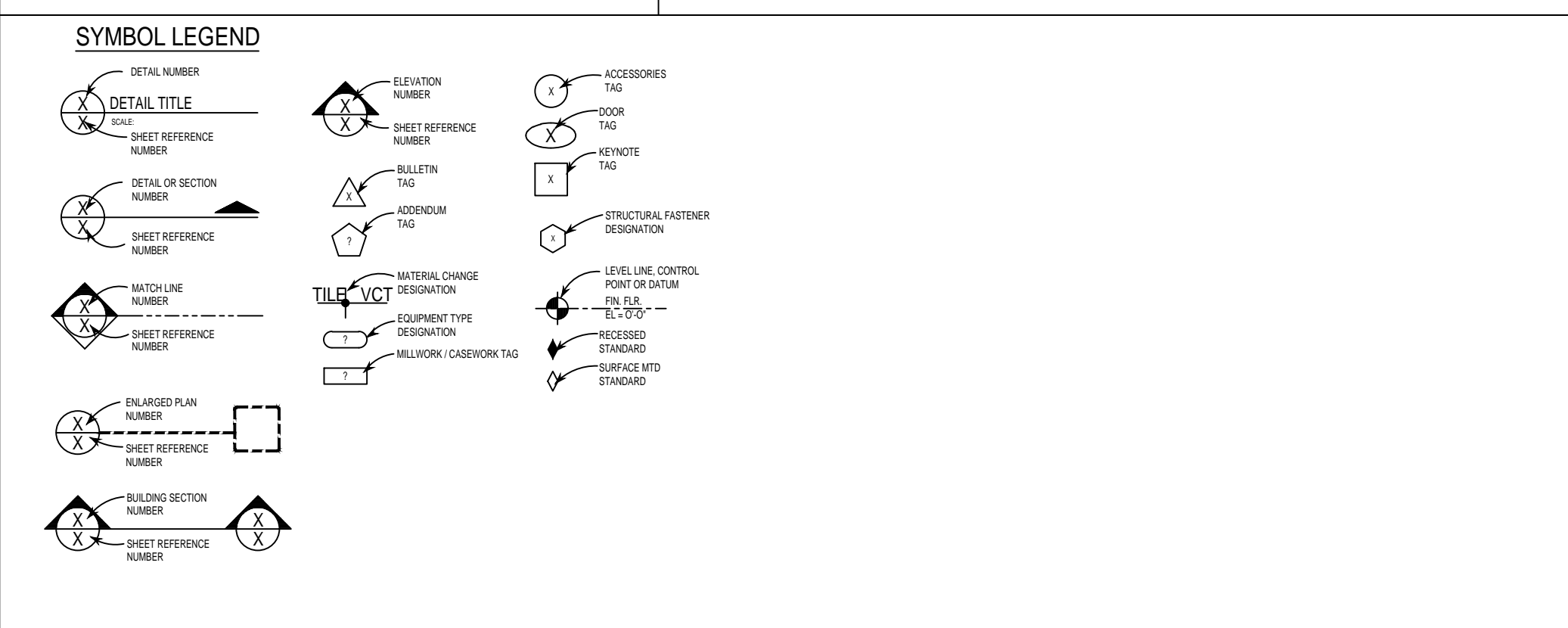


REGULATORY AGENCIES		ABBREVIATIONS	
AA	- ALUMINUM ASSOCIATION	ADJ.	- ADJUSTABLE
AAMA	- AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION	A.F.F.	- ABOVE FINISHED FLOOR
ACI	- AMERICAN CONCRETE INSTITUTE	ALT.	- ALTERNATE
ADC	- AIR DIFFUSER COUNCIL	ALUM.	- ALUMINUM
AGA	- AMERICAN GAS ASSOCIATION	ANOD.	- ANODIZED
AIEE	- AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS	AUTO.	- AUTOMATIC
AISC	- AMERICAN INSTITUTE OF STEEL CONSTRUCTION	APPROX.	- APPROXIMATE
AISI	- AMERICAN IRON AND STEEL INSTITUTE	B/O	- BY OWNER
AMCA	- AIR MOVING AND CONDITIONING ASSOCIATION	BD.	- BOARD
ANSI	- AMERICAN NATIONAL STANDARDS INSTITUTE	BLK.	- BLOCK
APA	- AMERICAN PLYWOOD ASSOCIATION	BLK.G.	- BLOCKING
ARI	- AIR CONDITIONING & REFRIGERATION INSTITUTE	BOT.	- BOTTOM
ASHRAE	- AMERICAN SOCIETY OF HEATING, REFRIGERATING & AIR CONDITIONING ENGINEERS	CLG.	- CEILING
ASME	- AMERICAN SOCIETY OF MECHANICAL ENGINEERS	CLR.	- CLEAR
ASTM	- AMERICAN SOCIETY FOR TESTING AND MATERIALS	COL.	- COLUMN
AWI	- ARCHITECTURAL WOODWORK INSTITUTE	CONST.	- CONSTRUCTION
AWPA	- AMERICAN WOOD PRESERVERS ASSOCIATION	CONT.	- CONTINUOUS
AWS	- AMERICAN WELDING SOCIETY	CONTR.	- CONTRACTOR
BIA	- BRICK INSTITUTE OF AMERICA	DET.	- DETAIL
CRSI	- CONCRETE REINFORCING STEEL INSTITUTE	DIAG.	- DIAGONAL
ETL	- ELECTRICAL TESTING LABORATORIES	DIAM.	- DIAMETER
FGMZ	- FLAT GLASS MARKETING ASSOCIATION	DIM.	- DIMENSION
FS	- FEDERAL SPECIFICATION	DN.	- DOWN
IES	- ILLUMINATING ENGINEERING SOCIETY	DWG.	- DRAWING
MIA	- MARBLE INSTITUTE OF AMERICA	EA.	- EACH
NAAMM	- NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS	ELECT.	- ELECTRICAL
NBS	- NATIONAL BUREAU OF STANDARDS	EQ.	- EQUAL
NCMA	- NATIONAL CONCRETE MASONRY INSTITUTE	EQUIP.	- EQUIPMENT
NEMA	- NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	EXIST'G.	- EXISTING
NFPA	- NATIONAL FIRE PROTECTION ASSOCIATION	EXT.	- EXTERIOR
NSF	- NATIONAL SANITATION FOUNDATION	FLR.	- FLOOR
NTMA	- NATIONAL TERRAZZO & MOSAIC ASSOCIATION	F.R.P.	- FIBERGLASS REINFORCED PLASTIC
PCA	- PORTLAND CEMENT ASSOCIATION	F.R.T.	- FIRE RETARDANT TREATED
PS	- PRODUCT STANDARD, U.S. DEPT. OF COMMERCE	FURR'G.	- FURRING
SIGMA	- SEALED INSULATING GLASS MANUFACTURERS ASSOCIATION	HD.	- HEAVY DUTY
SMACNA	- SHEET METAL & AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION	HDWR.	- HARDWARE
SSPC	- STEEL STRUCTURES PAINTING COUNCIL	HORZ.	- HORIZONTAL
TCA	- TILE COUNCIL OF AMERICA	HR.	- HOUR
UL	- UNDERWRITERS LABORATORIES, INC.	HT.	- HEIGHT
WCLIB	- WEST COAST LUMBER INSPECTION BUREAU	L.P.	- LIGHT PANEL
WWPA	- WESTERN WOOD PRODUCTS ASSOCIATION	MAX.	- MAXIMUM
SPIB	- SOUTHERN PINE INSPECTION BUREAU	MECH.	- MECHANICAL
		MED.	- MEDIUM
		MFR.	- MANUFACTURER
		MIN.	- MINIMUM
		M.	- MIRROR
		MISC.	- MISCELLANEOUS
		MLD'G.	- MOLDING
		MTD.	- MOUNTED
		MTL.	- METAL
		NO.	- NUMBER
		NOM.	- NOMINAL
		NON. COM.	- NON-COMBUSTIBLE
		N.T.S.	- NOT TO SCALE
		O.C.	- ON CENTER
		PLAS. LAM.	- PLASTIC LAMINATE
		PTD.	- PAINTED
		RAD.	- RADIUS
		REF.	- REFERENCE
		REM.	- REMOVE
		REQ'D.	- REQUIRED
		RET.	- RETURN
		REV.	- REVISION
		SECT.	- SECTION
		S.F.	- SQUARE FOOT
		SHT.	- SHEET
		SIM.	- SIMILAR
		SPEC.	- SPECIFICATION
		SQ.	- SQUARE
		STD.	- STANDARD
		SYM.	- SYMMETRICAL
		SYS.	- SYSTEM
		TEMP.	- TEMPORARY
		TYP.	- TYPICAL
		U.O.N.	- UNLESS OTHERWISE NOTED
		VERT.	- VERTICAL
		V.I.F.	- VERIFY IN FIELD
		W/	- WITH
		W/O	- WITHOUT
		&	- AND
		@	- AT
		C	- CENTER LINE



PROJECT CODE ANALYSIS

1. PROJECT NAME: SPIRITED CYCLIST
 2. PROJECT ADDRESS: 16601 OLD STATESVILLE ROAD, HUNTERSVILLE, NC 28078
 3. PROJECT DESCRIPTION: RENOVATION & ADDITION TO EXISTING S-1 STRUCTURE.
 4. APPLICABLE CODES: ALL WORK SHALL CONFORM TO ALL APPLICABLE GOVERNING CODES INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
 2018 NORTH CAROLINA BUILDING CODE
 2018 NORTH CAROLINA FIRE CODE
 2018 NORTH CAROLINA MECHANICAL CODE
 2018 NORTH CAROLINA PLUMBING CODE
 2018 NORTH CAROLINA FUEL GAS CODE
 2018 NORTH CAROLINA ELECTRICAL CODE
 ICC/ANSI A117.1 2009

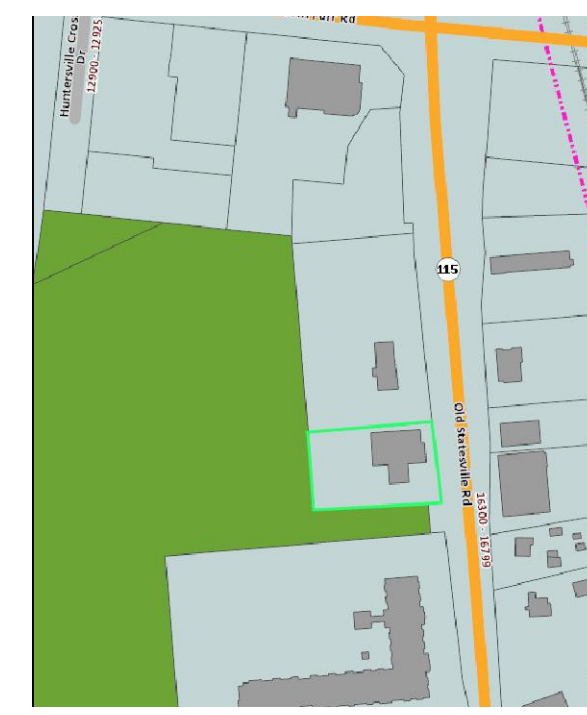
5. BUILDING DATA:
 5.1. OCCUPANCY: BUSINESS
 5.2. USE GROUP: S-1
 5.3. CONSTRUCTION CLASSIFICATION: III B
 5.4. CONSTRUCTION TYPE: II
 5.5. LEVEL OF ALTERATION: N/A
 5.6. COVERED AIRPORT: NO
 5.7. SPRINKLERED: NO

GROSS FLOOR AREA: 6,353 (EXISTING) + 1,650 (PROPOSED) = 8,003 TOTAL CONDITIONED

OCCUPANCY CALCULATIONS: SEE A-0.1
 SPACE: BUSINESS
 OCCUPANT LOAD: TOTAL PERSONS

6. REQUIRED EXITS: LESS THAN 50 OCCUPANTS REQUIRES ONE (1) EXIT - TWO (2) EXITS
 7. EXIT ILLUMINATION: EMERGENCY EXIT ILLUMINATIONS SHALL BE PROVIDED AS SHOWN ON ELECTRICAL SHEETS

INDEX OF DRAWINGS		REVISION #	DATE
NO.	TITLE		
ARCHITECTURAL			
A-0	COVER SHEET		18 MAR 2021
A-0.1	APPENDIX 'B'		
A-0.3	A117.1-2009 ACCESSIBILITY GUIDELINES		18 MAR 2021
A-1.0	EXISTING SITE PLAN		18 MAR 2021
A-1.0	PROPOSED SITE PLAN		18 MAR 2021
A-2.0	EXISTING FOUNDATION PLAN		18 MAR 2021
A-2.1	EXISTING FIRST FLOOR PLAN		18 MAR 2021
A-2.2	EXISTING ROOF PLAN		18 MAR 2021
A-3.0	EXISTING FRONT & RIGHT ELEVATIONS		18 MAR 2021
A-3.1	EXISTING REAR & LEFT ELEVATIONS		18 MAR 2021
A-4.0	DOOR, WINDOW, AND FINISH SCHEDULES		18 MAR 2021
A-4.1	PROPOSED FOUNDATION PLAN		18 MAR 2021
A-4.2	PROPOSED FIRST FLOOR PLAN		18 MAR 2021
A-4.3	PROPOSED SECOND FLOOR PLAN		18 MAR 2021
A-4.4	PROPOSED ROOF PLAN		18 MAR 2021
A-5.0	FIRST FLOOR EGRESS PLAN		
A-5.1	SECOND FLOOR EGRESS PLAN		
A-6.0	FIRST FLOOR FINISH PLAN		
A-6.1	SECOND FLOOR FINISH PLAN		
A-7.0	BUILDING SECTIONS & DETAILS		
A-7.1	BUILDING SECTIONS & DETAILS		
A-8.0	PLI-DEK DETAILS		18 MAR 2021
A-9.0	PROPOSED FRONT & RIGHT ELEVATIONS		18 MAR 2021
A-9.1	PROPOSED REAR & LEFT ELEVATIONS		18 MAR 2021
STRUCTURAL			
SN-1			
S-1			
S-2			
MECHANICAL			
M-1			
M-2			
ELECTRICAL			
E-1			
E-2			
E-3			
E-4			
PLUMBING			
P-1			
P-2			



VICINITY MAP

DESIGN TEAM:

OWNER/REPRESENTATIVE
 Spirited Cyclist
 9905 Rose Commons Dr,
 Huntersville, NC 28078
 Contact: James Good
 Phone: 704.577.4748 E-mail: James@spiritedcyclist.com

ARCHITECT

Contact: _____
 Phone: _____ E-mail: _____

CIVIL

Contact: _____
 Phone: _____ E-mail: _____

PLUMBING & MECHANICAL

Contact: _____
 Phone: _____ E-mail: _____

ELECTRICAL

Contact: _____
 Phone: _____ E-mail: _____

STRUCTURAL

Providence Partners
 1234 Mann Drive, Suite 100
 Matthews, NC 28105
 Contact: Brian Cone
 Phone: (704) 773-2925 E-mail: bcone@providencepartnersinc.com

PREVIOUS BUILDING PROJECT NUMBER: # 381222	
PREVIOUS PERMIT NUMBER: B3320464	
DRAWINGS ISSUED FOR:	
DATE	PHASE
01 MAR 2021	SCHEMATIC DESIGN 100%
18 MAR 2021	DESIGN DEVELOPMENT 95%
18 MAR 2021	BID DOCUMENTS
	PERMIT DOCUMENTS
	CONSTRUCTION
REVISIONS	
	REVIEWERS COMMENTS
	ZONING COMMENTS
	FIELD CHANGES

A.E. STOUT DESIGNS LLC
 Phone: 704.941.8597

E-mail: aestoutdesigns@icloud.com
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Renovation & Addition Exclusively Designed for:
Spirited Cyclist
 16601 Old Statesville Road, Huntersville, NC 28078

PROJECT #:	2006
ISSUE DATE:	18 MARCH 2021
REVISIONS:	
1	...
2	...
3	...

COVER SHEET
A-0
 OF: TWENTY FOUR

401 General

401.1 Scope. Accessible routes required by the scoping provisions adopted by the administrative authority shall comply with the applicable provisions of Chapter 4.

402 Accessible Routes

402.1 General. Accessible routes shall comply with Section 402.

402.2 Components. Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1:20, doors and doorways, ramps, curb ramps excluding the flared sides, elevators, and platform lifts. All components of an accessible route shall comply with the applicable portions of this standard.

402.3 Revolving Doors, Revolving Gates, and Turn-stiles. Revolving doors, revolving gates, and turnstiles shall not be part of an accessible route.

403 Walking Surfaces

403.1 General. Walking surfaces that are a part of an accessible route shall comply with Section 403.

403.2 Floor Surface. Floor surfaces shall comply with Section 302.

403.3 Slope. The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of a walking surface shall not be steeper than 1:48.

403.4 Changes in Level. Changes in level shall comply with Section 303.

403.5 Clear Width. The clear width of an accessible route shall be 36 inches (915 mm) minimum.

EXCEPTION: The clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a length of 24 inches (610 mm) maximum provided the reduced width segments are separated by segments that are 48 inches (1220 mm) minimum in length and 36 inches (915 mm) minimum in width.

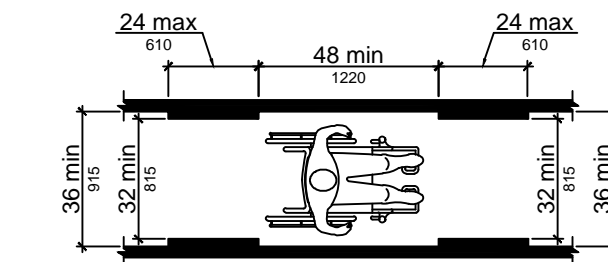


FIG. 403.5 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

403.5.1 Clear Width at 180 Degree Turn. Where an accessible route makes a 180 degree turn around an object that is less than 48 inches (1220 mm) in width, clear widths shall be 42 inches (1065 mm) minimum approaching the turn, 48 inches (1220 mm) minimum during the turn, and 42 inches (1065 mm) minimum leaving the turn.

EXCEPTION: Section 403.5.1 shall not apply where the clear width during the turn is 60 inches (1525 mm) minimum.

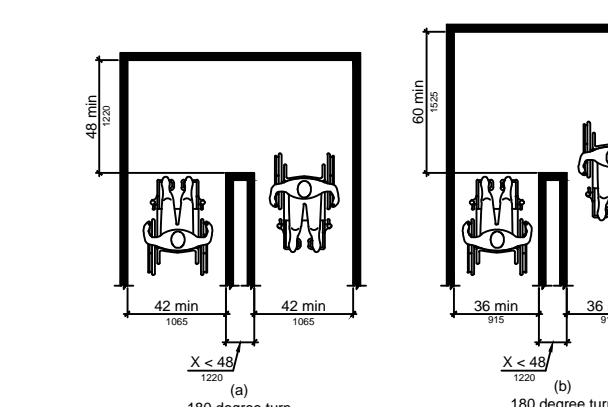


FIG. 403.5.1 CLEAR WIDTH AT 180° TURN

403.5.2 Passing Space. An accessible route with a clear width less than 60 inches (1525 mm) shall provide passing spaces at intervals of 200 feet (61 m) maximum. Passing spaces shall be either a 60-inch (1525 mm) minimum by 60-inch (1525 mm) minimum space, or an intersection of two walking surfaces that provide a T-shaped turning space complying with Section 304.3.2, provided the base and arms of the T-shaped space extend 48 inches (1220 mm) minimum beyond the intersection.

403.6 Handrails. Where handrails are required at the side of a corridor they shall comply with Sections 505.4 through 505.9.

404 Doors and Doorways

404.1 General. Doors and doorways that are part of an accessible route shall comply with Section 404.

404.2 Manual Doors. Manual doors and doorways, and manual gates, including ticket gates, shall comply with Section 404.2.

EXCEPTION: Doors, doorways, and gates designed to be operated only by security personnel shall not be required to comply with Sections 404.2.6, 404.2.7, and 404.2.8.

404.2.1 Double-Leaf Doors and Gates. At least one of the active leaves of doorways with two leaves shall comply with Sections 404.2.2 and 404.2.3.

404.2.2 Clear Width. Doorways shall have a clear opening width of 32 inches (815 mm) minimum.

Clear opening width of doorways with swinging doors shall be measured between the face of door and stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) in depth at doors and doorways without doors shall provide a clear opening width of 36 inches (915 mm) minimum. There shall be no projections into the clear opening width lower than 34 inches (865 mm) above the floor. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the floor shall not exceed 4 inches (100 mm).

EXCEPTIONS:

1. Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the floor.

2. In alterations, a projection of 5/8 inch (16 mm) maximum into the required clear opening width shall be permitted for the latch side stop.

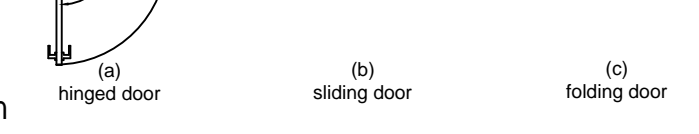


FIG. 404.2.2 CLEAR WIDTH OF DOORWAYS

404.2.3 Maneuvering Clearances. Minimum maneuvering clearances at doors shall comply with Section 404.2.3 and shall include the full clear opening width of the doorway. Required door maneuvering clearances shall not include knee and toe clearance.

404.2.3.1 Floor Surface. Floor surface within the maneuvering clearances shall have a slope not steeper than 1:48 and shall comply with Section 302.

404.2.3.2 Swinging Doors. Swinging doors shall have maneuvering clearances complying with Table 404.2.3.2.

404.2.3.3 Sliding and Folding Doors. Sliding doors and folding doors shall have maneuvering clearances complying with Table 404.2.3.3.

404.2.3.4 Doorways without Doors. Doorways without doors that are less than 36 inches (915 mm) in width shall have maneuvering clearances complying with Table 404.2.3.4.

404.2.3.5 Recessed Doors. Where any obstruction within 18 inches (455 mm) of the latch side of a doorway projects more than 8 inches (205 mm) beyond the face of the door, measured perpendicular to the face of the door, maneuvering clearances for a forward approach shall be provided.

404.2.4 Thresholds. If provided, thresholds at doorways shall be 1/2 inch (13 mm) maximum in height. Raised thresholds and changes in level at doorways shall comply with Sections 302 and 303.

EXCEPTION: An existing or altered threshold shall be permitted to be 3/4 inch (19 mm) maximum in height provided that the threshold has a beveled edge on each side with a maximum slope of 1:2 for the height exceeding 1/4 inch (6.4 mm).

404.2.5 Two Doors in Series. Distance between two hinged or pivoted doors in series shall be 48 inches (1220 mm) minimum plus the width of any door swinging into the space. The space between the doors shall provide a turning space complying with Section 304.

404.2.6 Door Hardware. Handles, pulls, latches, locks, and other operable parts on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, pinching, or twisting of the wrist to operate. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the floor. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.

EXCEPTION: Locks used only for security purposes and not used for normal operation shall not be required to comply with Section 404.2.6.

404.2.7 Closing Speed.

404.2.7.1 Door Closers. Door closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to an open position of 12 degrees shall be 5 seconds minimum.

404.2.7.2 Spring Hinges. Door spring hinges shall be adjusted so that from an open position of 70 degrees, the door shall move to the closed position in 1.5 seconds minimum.

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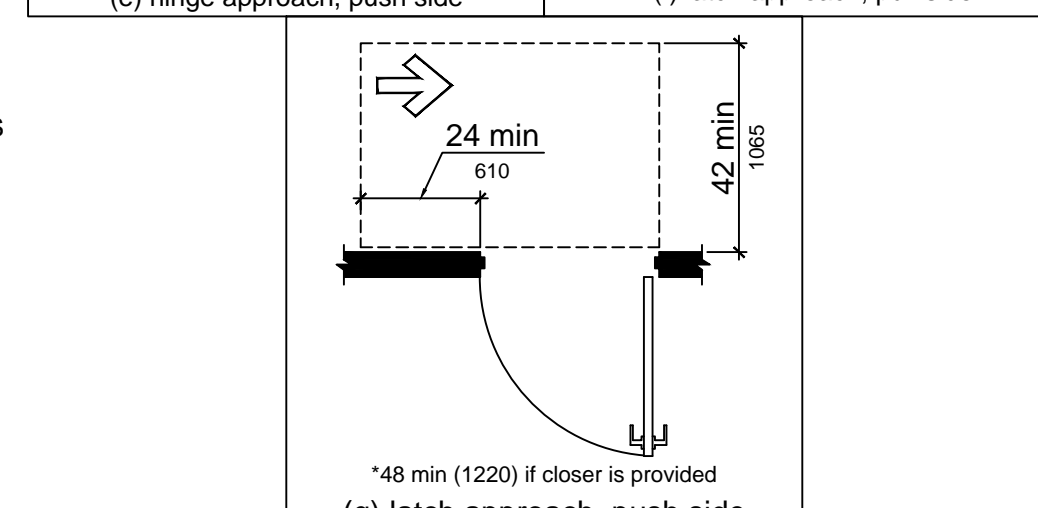
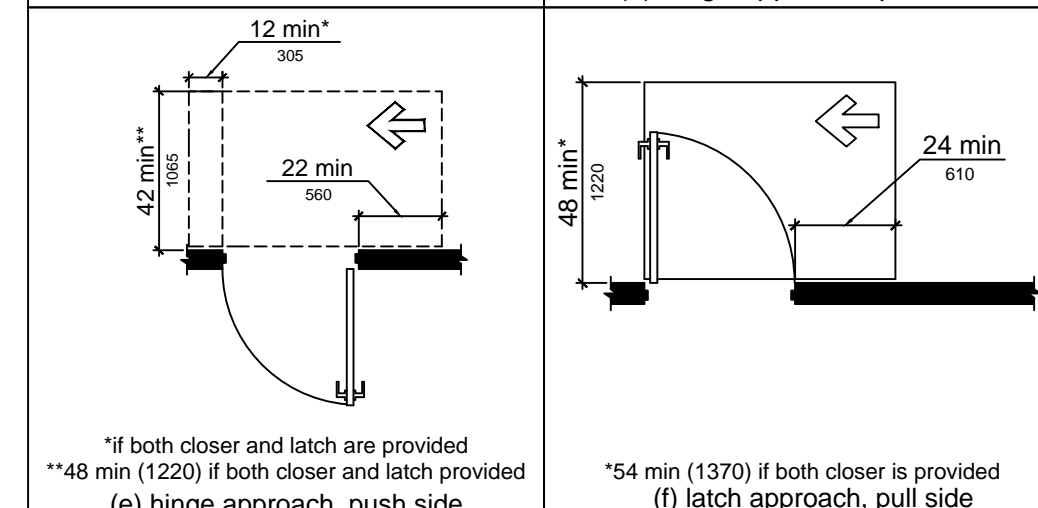
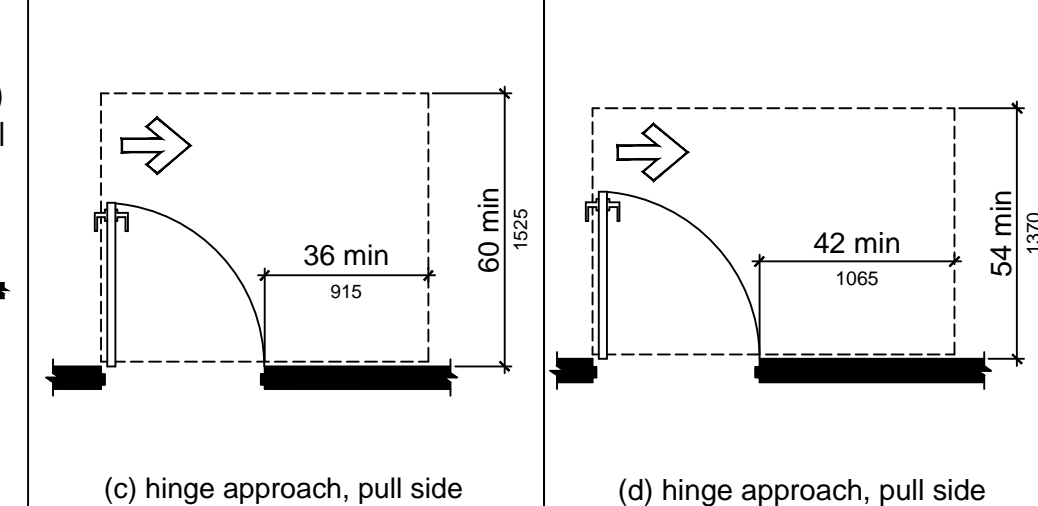
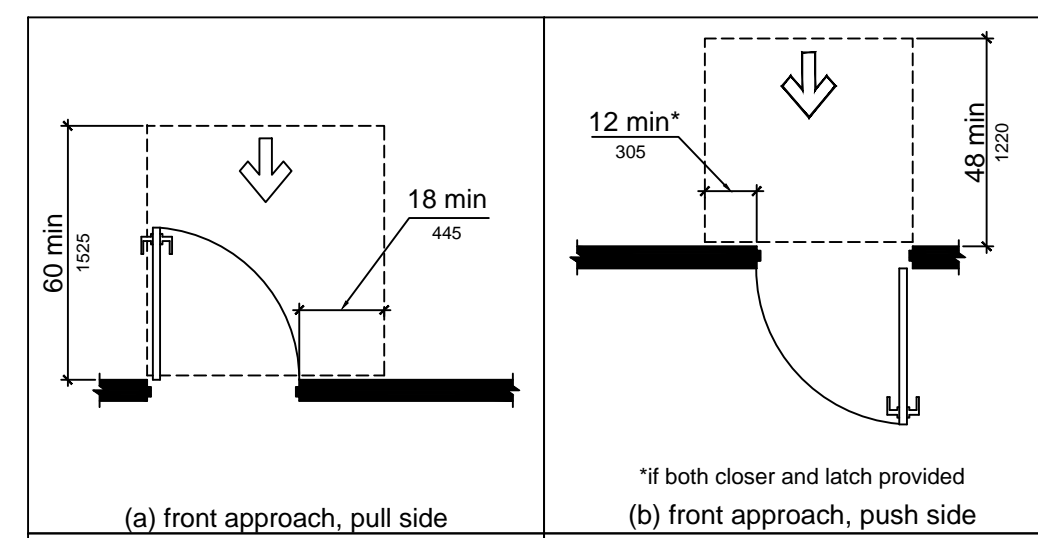


FIG. 404.2.3.2 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS

504 Stairways

504.1 General. Accessible stairs shall comply with Section 504.

504.2 Treads and Risers. All steps on a flight of stairs shall have uniform riser height and uniform tread depth. Risers shall be 4 inches (100 mm) minimum and 7 inches (180 mm) maximum in height. Treads shall be 11 inches (280 mm) minimum in depth.

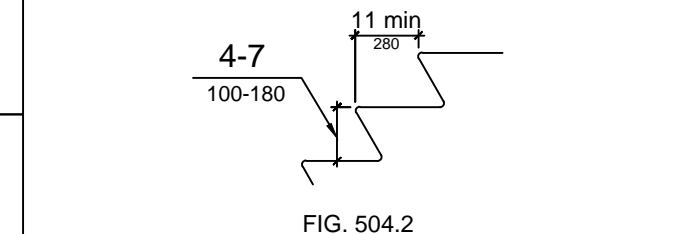


FIG. 504.2 TREADS AND RISERS FOR ACCESSIBLE STAIRWAYS

504.3 Open Risers. Open risers shall not be permitted.

504.4 Tread Surface. Stair treads shall comply with Section 302 and shall have a slope not steeper than 1:48.

504.5 Nosings. The radius of curvature at the leading edge of the tread shall be 1/2 inch (13 mm) maximum. Nosings that project beyond risers shall have -he under- side of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall be 1 1/2 inches (38 mm) maximum over the tread or floor below.

504.5.1 Visual contrast. The leading 2 inches (51 mm) of the tread shall have visual contrast of dark- on-light or light-on-dark from the remainder of the tread.

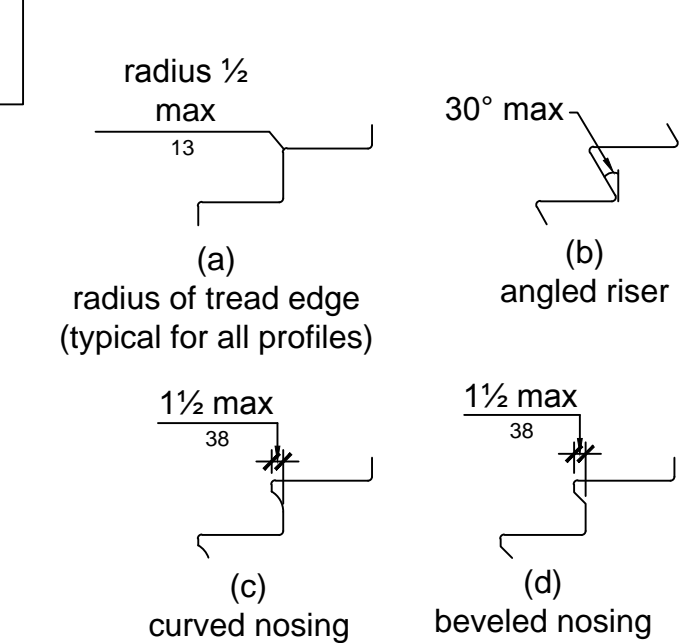


FIG. 504.5 STAIR NOSINGS

504.6 Handrails. Stairs shall have handrails complying with Section 505.

504.7 Wet Conditions. Stair treads and landings subject to wet conditions shall be designed to prevent the accumulation of water.

504.8 Lighting. Lighting for interior stairways shall comply with Section 504.8.

504.8.1 Illumination Level. Lighting facilities shall be capable of providing 10 foot-candles (108 lux) of illuminance measured at the center of tread surfaces and on landing surfaces within 24 inches (610 mm) of step nosings.

504.8.2 Lighting Controls. If provided, occupancy- sensing automatic controls shall activate the stairway lighting so the illuminance level required by Section 504.8.1 is provided on the entrance landing, each stair flight adjacent to the entrance landing, and on the landings above and below the entrance landing prior to any step being used.

504.9 Stair Level Identification. Stair level identification signs in raised characters and braille complying with Sections 703.3 and 703.4 shall be located at each floor level landing in all enclosed stairways adjacent to the door leading from the stairwell into the corridor to identify the floor level. The exit door discharging to -he I outside or to the level of exit discharge shall have a sign with raised characters and braille stating "EXIT."

505 Handrails

505.1 General. Handrails required by Section 405.8 for ramps, or Section 504.6 for stairs, shall comply with Section 505.

505.2 Location. Handrails shall be provided on both sides of stairs and ramps.

EXCEPTIONS:

1. In assembly seating areas, handrails shall not be required on both sides along aisle stairs, provided with a handrail either at the side or within the aisle.

2. In assembly seating areas, handrails shall not be required on the sides of ramped aisles serving seats.

505.3 Continuity. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs or

ramps shall be continuous between flights or runs. Other handrails shall comply with Sections 505.10 and 307.

EXCEPTION: Handrails shall not be required to be continuous in aisles serving seating where handrails are discontinuous to provide access to seating and to permit crossovers within the aisles.

505.4 Height. Top of gripping surfaces of handrails shall be 34 inches (865 mm) minimum and 38 inches (965 mm) maximum vertically above stair nosings, ramp surfaces and walking surfaces. Handrails shall be at a consistent height above stair nosings, ramp surfaces and walking surfaces.

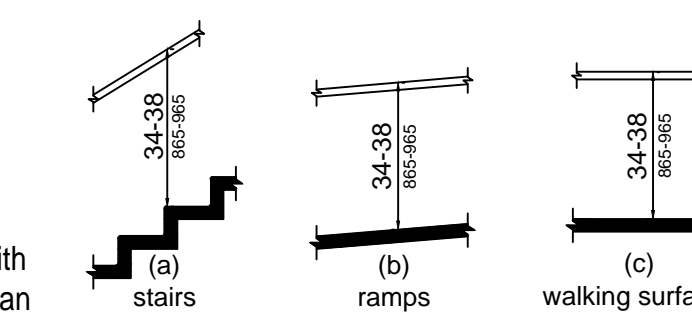


FIG. 505.4 HANDRAIL HEIGHT

505.5 Clearance. Clearance between handrail gripping surface and adjacent surfaces shall be 1 1/2 inches (38 mm) minimum.

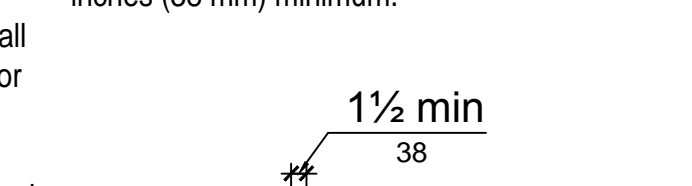


FIG. 505.5 HANDRAIL HEIGHT

505.6 Gripping Surface. Gripping surfaces shall be continuous, without interruption by newel posts, other construction elements, or obstructions.

EXCEPTIONS:

1. Handrail brackets or balusters attached to the bottom surface of the handrail shall not be considered obstructions, provided the brackets or balusters comply with the following criteria:

a. Not more than 20 percent of the handrail length is obstructed.

b. Horizontal projections beyond the sides of the handrail occur 1 1/2 inches (38 mm) minimum below the bottom of the handrail, and provided that for each 1/2 inch (13 mm) of additional handrail perimeter dimension above 4 inches (100 mm), the vertical clearance dimension of 1 1/2 inch (38 mm) can be reduced by 1/8 inch (3.2 mm), and

c. Edges shall be rounded.

2. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards.

505.7 Cross Section. Handrails shall have a cross section complying with Section 505.7.1 or 505.7.2.

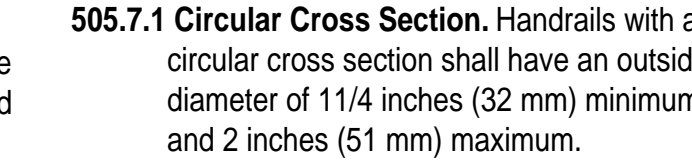


FIG. 505.7 HANDRAIL CROSS SECTION

505.7.1 Circular Cross Section. Handrails with a circular cross section shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

505.7.2 Noncircular Cross Sections. Handrails with a noncircular cross section shall have a perimeter dimension of 4 inches (100 mm) minimum and 6 1/4 inches (160 mm) maximum, and a cross-section dimension of 2 1/4 inches (57 mm) maximum.

505.8 Surfaces. Handrails, and any wall or other surfaces adjacent to them, shall be free of any sharp or abrasive elements. Edges shall be rounded.

505.9 Fittings. Handrails shall not rotate within their fittings.

505.10 Handrail Extensions. Handrails shall extend beyond and in the same direction of stair flights and ramp runs in accordance with Section 505.10.

EXCEPTIONS:

1. Continuous handrails at the inside turn of stairs and ramps.

2. Handrail extensions are not required in aisles serving seating where the handrails

are discontinuous to provide access to seating and to permit crossovers within the aisle.

3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.

505.10.1 Top and Bottom Extension at Ramps.

Ramp handrails shall extend horizontally above the landing 12 inches (305 mm) minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or floor, or shall be continuous to the handrail of an adjacent ramp run.

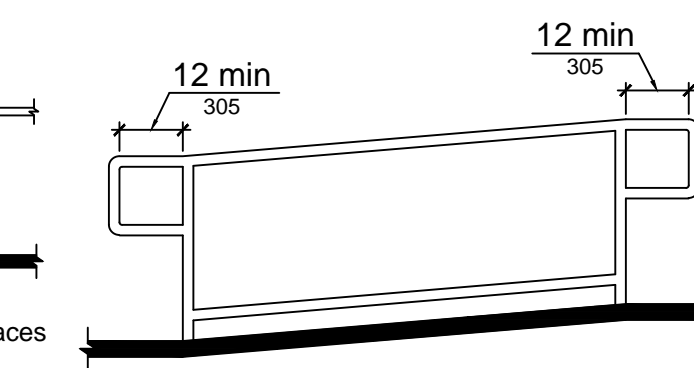


FIG. 505.10.1 TOP AND BOTTOM HANDRAIL EXTENSIONS AT RAMP

505.10.2 Top Extension at Stairs.

At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beginning directly above the landing nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.

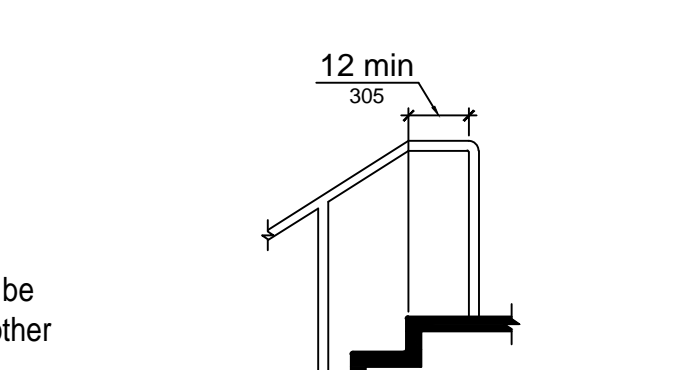


FIG. 505.10.2 TOP HANDRAIL EXTENSIONS AT STAIRS

505.10.3 Bottom Extension at Stairs.

At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance equal to one tread depth beyond the bottom tread nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.

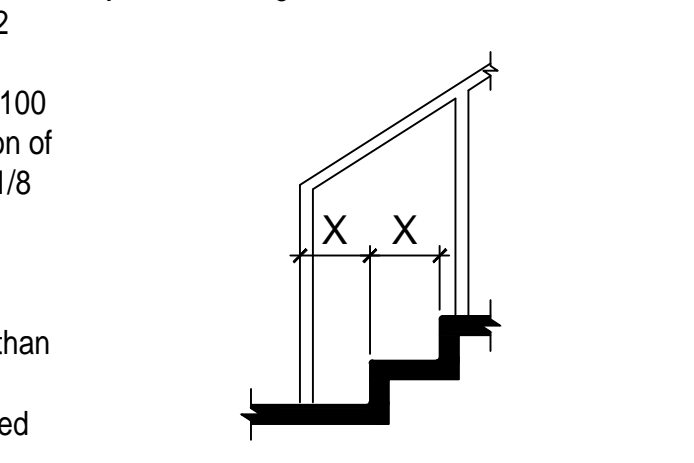


FIG. 505.10.3 BOTTOM HANDRAIL EXTENSIONS AT STAIRS

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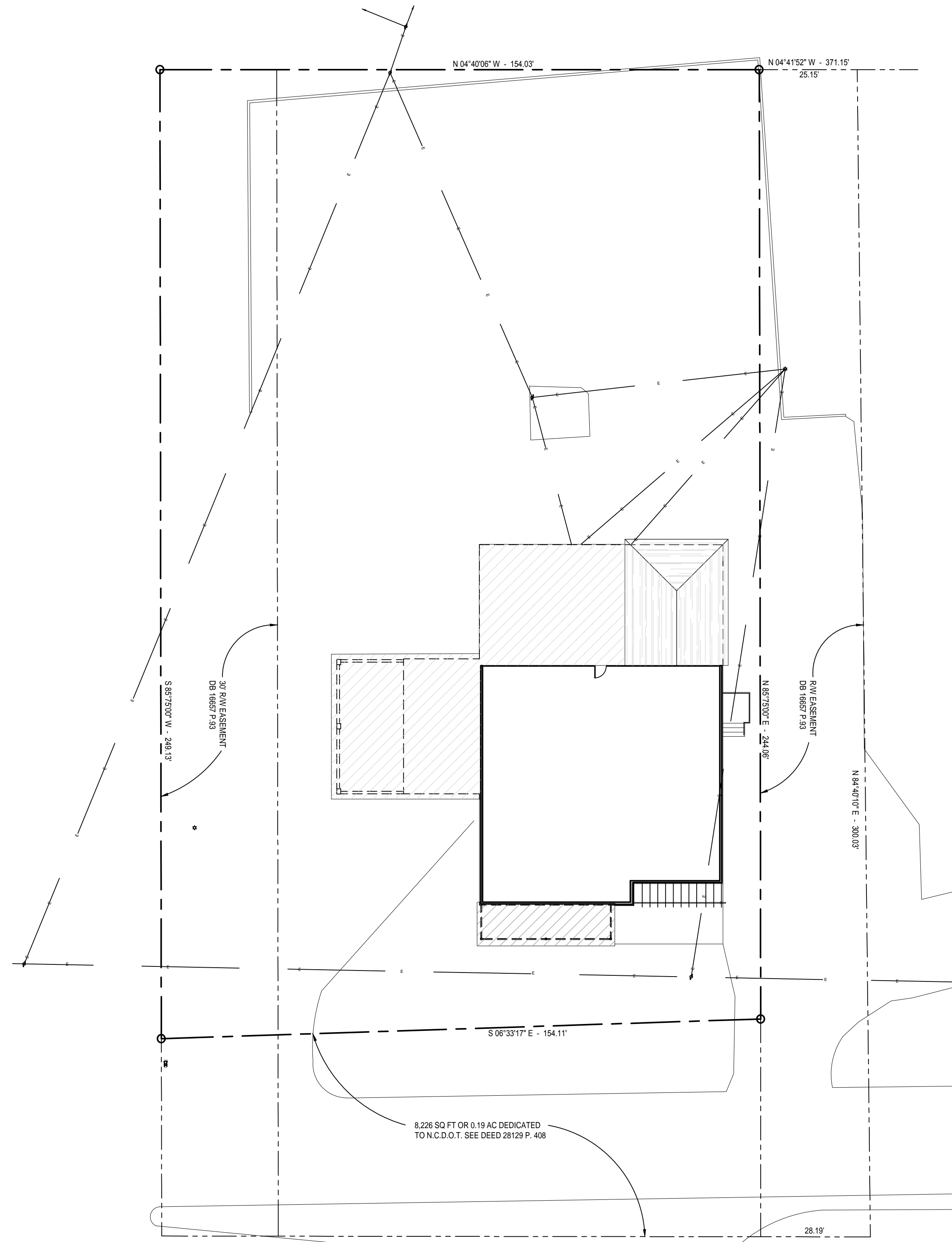
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OLD STATESVILLE RD
NC HWY #115

1 PROPOSED SITE PLAN

1' = 10'-0"

NOTE:

CONCRETE [Symbol]

GRAVEL [Symbol]

RETAINING WALL [Symbol]

PAVER SYSTEM [Symbol]

LEGEND:

BOUNDARY LINE [Symbol]

OVERHEAD UTILITIES [Symbol]

FENCE (TYPE NOTED) [Symbol]

UTILITY POLE LIGHT POLE [Symbol]

R/W: RIGHT OF WAY
E/P: EDGE OF PAVEMENT
C/L: CENTERLINE

KEY:

WALL TO BE REMOVED [Symbol]

ITEM TO BE REMOVED [Symbol]

LEGEND:

BOUNDARY LINE [Symbol]

OVERHEAD UTILITIES [Symbol]

FENCE (TYPE NOTED) [Symbol]

UTILITY POLE LIGHT POLE [Symbol]

R/W: RIGHT OF WAY
E/P: EDGE OF PAVEMENT
C/L: CENTERLINE

LEGEND:

BOUNDARY LINE [Symbol]

OVERHEAD UTILITIES [Symbol]

FENCE (TYPE NOTED) [Symbol]

UTILITY POLE LIGHT POLE [Symbol]

R/W: RIGHT OF WAY
E/P: EDGE OF PAVEMENT
C/L: CENTERLINE

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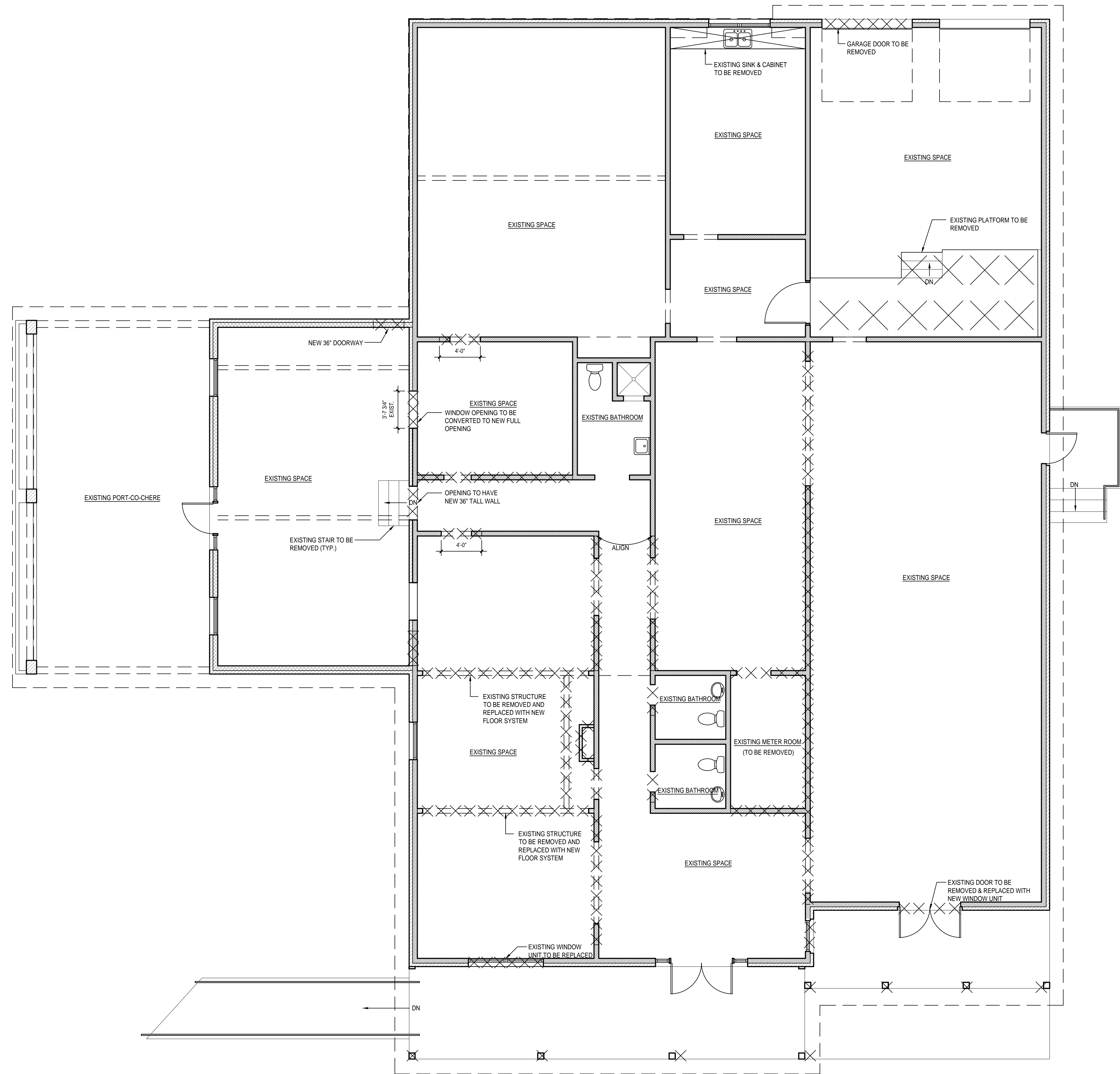
EXISTING SITE PLAN

A-1.0

OF: TWENTY FOUR

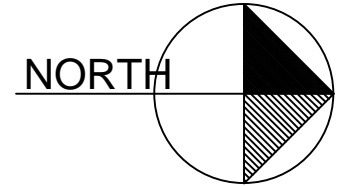
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1 EXISTING FLOOR PLAN
3/16" = 1'-0"

NOTE:
CONCRETE [Pattern]
STUD WALL [Pattern]
MODULAR BRICK WALL [Pattern]



EXISTING FLOOR PLAN
A-2.1
OF: TWENTY FOUR

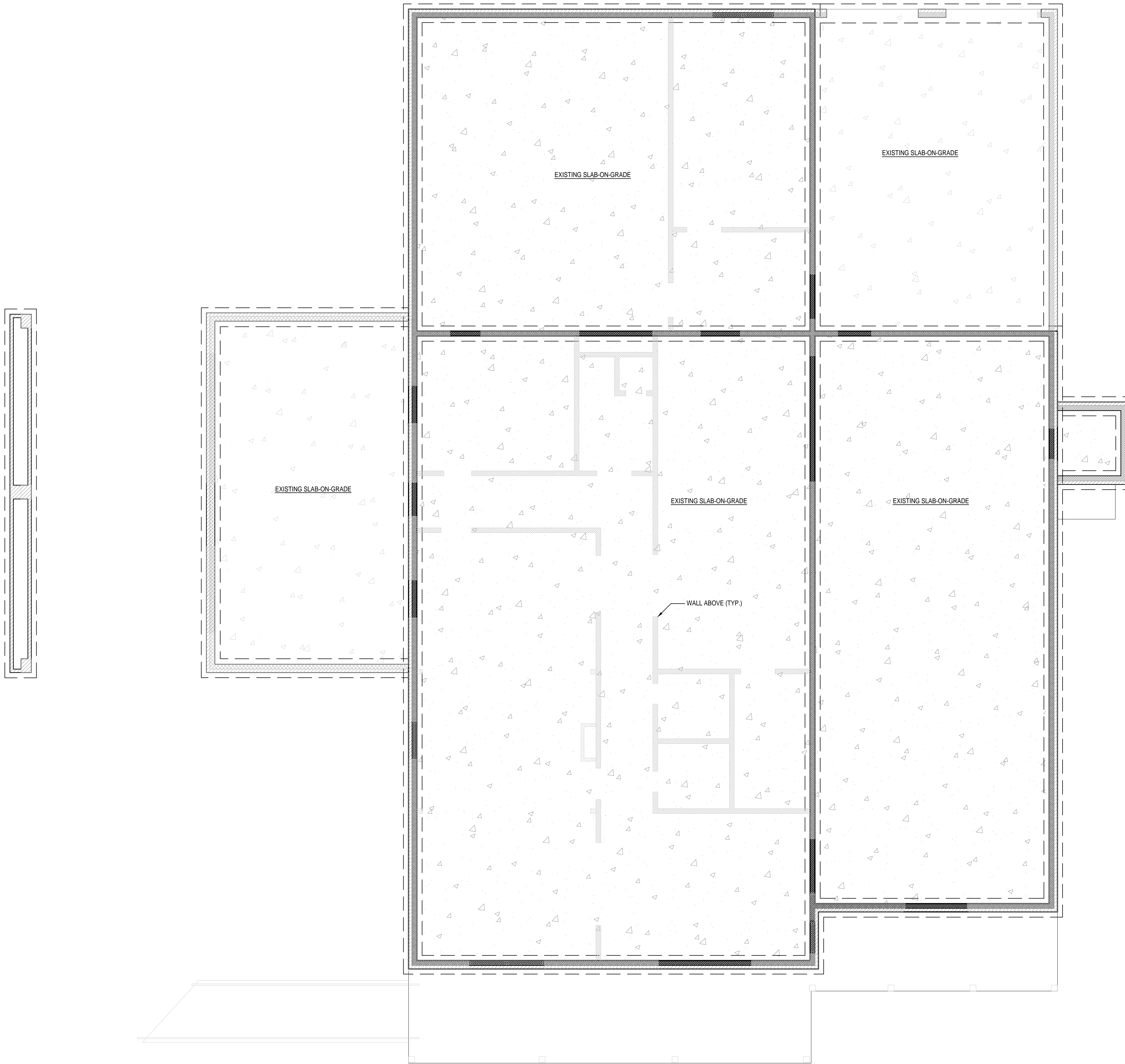
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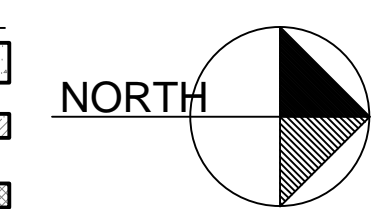
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1 EXISTING FOUNDATION PLAN
3/16" = 1'-0"

NOTE:
CONCRETE [Symbol]
STUD WALL [Symbol]
MODULAR BRICK WALL [Symbol]



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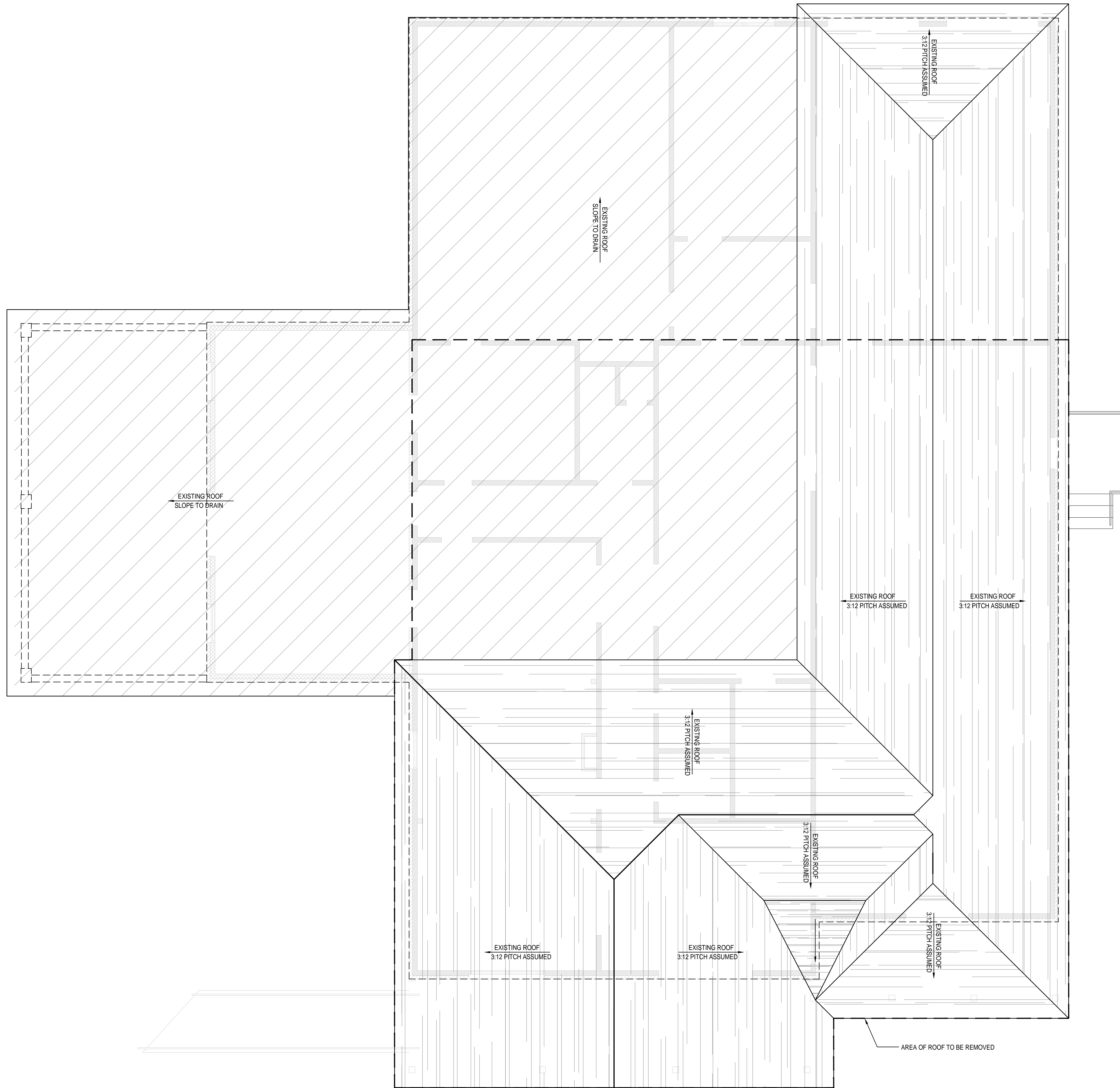
EXISTING FOUNDATION PLAN
A-2.0
OF: TWENTY FOUR

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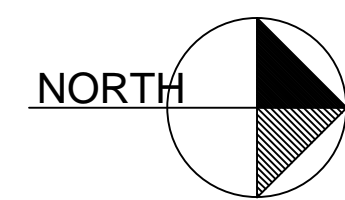
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1 EXISTING ROOF PLAN
3/16" = 1'-0"

NOTE:
CONCRETE [diagonal hatching]
STUD WALL [horizontal hatching]
MODULAR BRICK WALL [cross-hatching]



EXISTING ROOF PLAN
A-2.2
OF: TWENTY FOUR

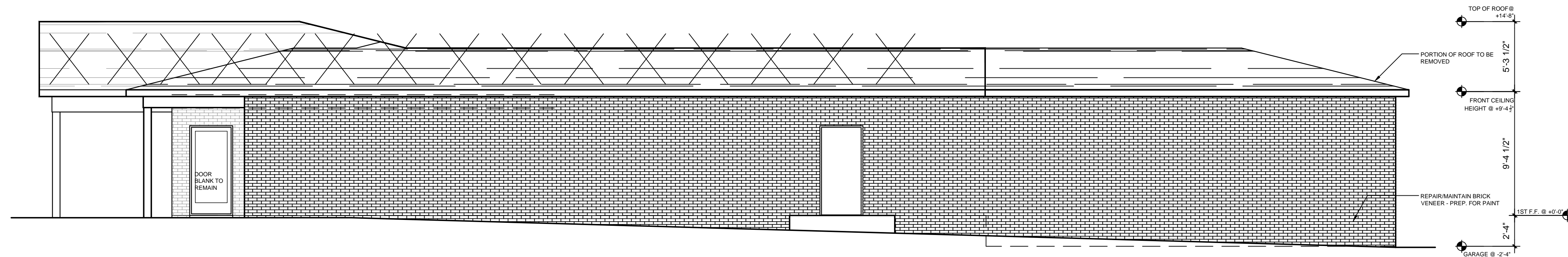
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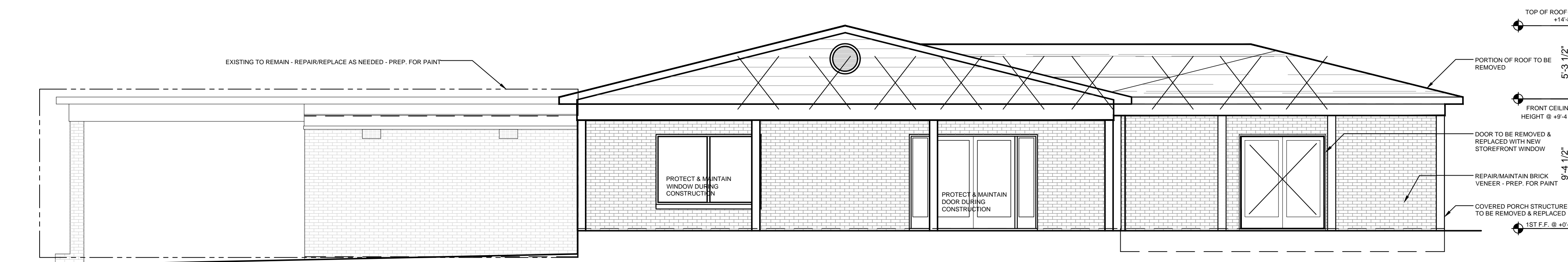


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② EXISTING RIGHT ELEVATION
3/16" = 1'-0"



① EXISTING FRONT ELEVATION
3/16" = 1'-0"

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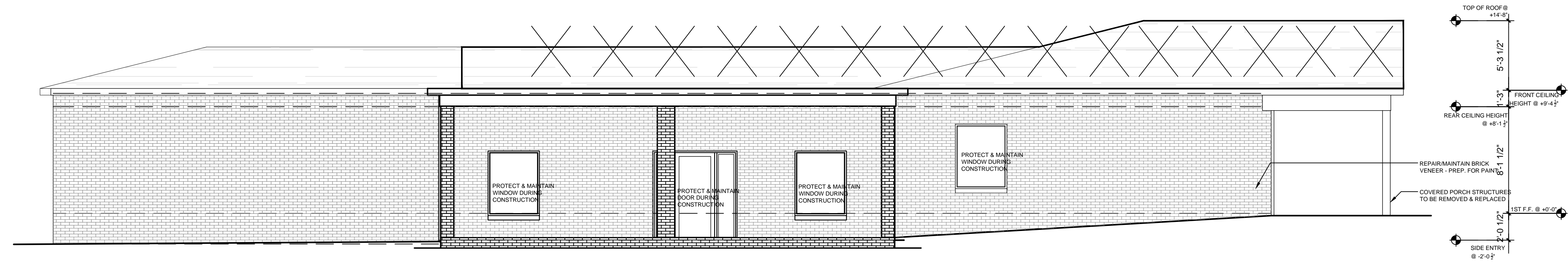
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EXISTING FRONT &
LEFT ELEVATIONS
A-3.0
OF: TWENTY FOUR

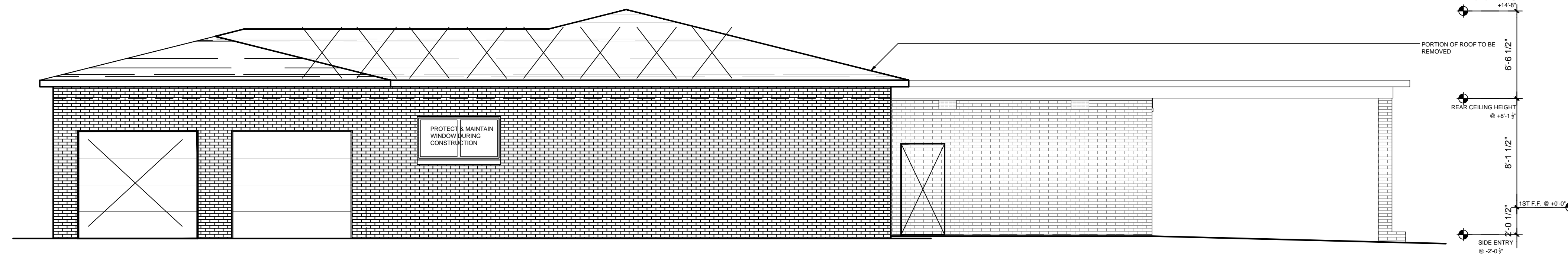


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② EXISTING LEFT ELEVATION
3/16" = 1'-0"



① EXISTING REAR ELEVATION
3/16" = 1'-0"

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EXISTING REAR & LEFT
ELEVATIONS
A-3.1
OF: TWENTY FOUR

DOOR TYPES										HARDWARE SCHEDULE										
A	WOOD DOOR (PRE-HUNG)	SCALE: 3/8"=1'-0"		B	HOLLOW MTL DOOR & FRAME	SCALE: 3/8"=1'-0"		C		SCALE: 3/8"=1'-0"		D		SCALE: 3/8"=1'-0"						
DOOR SCHEDULE										HARDWARE SCHEDULE										
DOOR NUMBER	DOOR TYPE	DOOR			FRAME				FIRE RATING (HRS)	HARDWARE SET	LOCATION	REMARKS	SET	HARDWARE DESCRIPTION	QTY.	DESCRIPTION	MANUFACTURER	ITEM No.	FINISH / REMARKS	
		SIZE WIDTH X HEIGHT X THICKNESS	HANDLING	MATERIAL	UNDERCUT	HEAD	JAMBS	MATERIAL												THRESHOLD
101	B	3'-0" X 7'-0"	LH	M	-	M	M	M		1	BACK DOOR	DOOR & FRAME SHALL BE PAINTED SEMI-GLOSS BLACK	1	EXIT DOOR	3	HINGES	HARNEY	HHFBB17910B	Hinge, Standard Weight, Ball Bearing, 4 1/2" X 4 1/2"	
102	A	3'-0" X 7'-0"	LH	W		W	W	W		2	RETAIL STORAGE	DOOR & FRAME SHALL BE PAINTED SEMI-GLOSS BLACK	1	LOCK	1	LOCK	HARNEY	PE550036FPB	Panic Exit Device, Fire Rated, 32", UL10C, ANSI Grade 1	
103	A	3'-0" X 6'-8"	LH	W		W	W	W		2	BATHROOM 'C'	DOOR & FRAME SHALL BE PAINTED SEMI-GLOSS BLACK	1	KEYWAY	1	KEYWAY	---	---		
104	A	3'-0" X 6'-8"	RH	W		W	W	W		2	BATHROOM 'A'	DOOR & FRAME SHALL BE PAINTED SEMI-GLOSS BLACK	1	SILENCERS	1	SILENCERS	---	---	Rubber Door Silencer - Gray	
105	A	3'-0" X 6'-8"	LH	W		W	W	W		2	BATHROOM 'B'	DOOR & FRAME SHALL BE PAINTED SEMI-GLOSS BLACK	1	CLOSER	1	CLOSER	HARNEY	DC8400DU	Door Closer, Universal, UL 10C, ANSI Grade 1, Spring 1-6	
106	B	3'-0" X 7'-0"	RH	M		M	M	M		1	BIKE SERVICE ENTRY	DOOR & FRAME SHALL BE PAINTED SEMI-GLOSS BLACK	2	KICK PLATE	2	KICK PLATE	T.B.D.	T.B.D.	10 x 34 KICK PLATE - COLOR & MFG SELECTED BY OWNER	
NOTE: G.C. TO USE EQUIVALENT IF EXACT HARDWARE SET IS NOT PURCHASED																				
201	A	PR 3'-0" X 7'-0"	RH	W		W	W	W		3	STORAGE	DOOR & FRAME SHALL BE PAINTED SEMI-GLOSS BLACK	3	INTERIOR DOUBLE DOOR LOCK SET	3	HINGES	IVES	5BB1	Knuckle Ball Bearing Hinge - 4.5" x 4.5" - F-BLK (Flat Black)	
202	B	3'-0" X 7'-0"	LH	M		M	M	M		1	MECHANICAL	DOOR & FRAME SHALL BE PAINTED SEMI-GLOSS BLACK	1	LOCK	1	LOCK	FALCON	W101S	Dane Passage Lever Set - Grade-2 - 2-3/4" BS - 622 (Matte Black)	
203	C	3'-0" X 7'-0"	RH	W		W	W	W		1	OFFICE 'A'	DOOR & FRAME SHALL BE PAINTED SEMI-GLOSS BLACK	1	KEYWAY	1	KEYWAY	IVES	FB358	Manual Flush Bolt for Wood Doors (UL Rated) - 622 (Black)	
204	C	3'-0" X 7'-0"	RH	W		W	W	W		1	OFFICE 'B'	DOOR & FRAME SHALL BE PAINTED SEMI-GLOSS BLACK	2	SILENCERS	2	SILENCERS	---	---	Rubber Door Silencer - Gray	
NOTE: G.C. TO USE EQUIVALENT IF EXACT HARDWARE SET IS NOT PURCHASED																				

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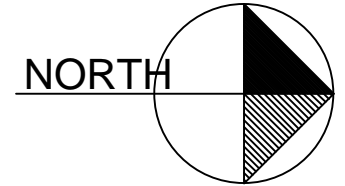


NOTE: ENGINEER TO VERIFY EXISTING FOUNDATION FOR ALL NEW LOADS/CHANGES TO EXISTING LOADS.

NOTE:

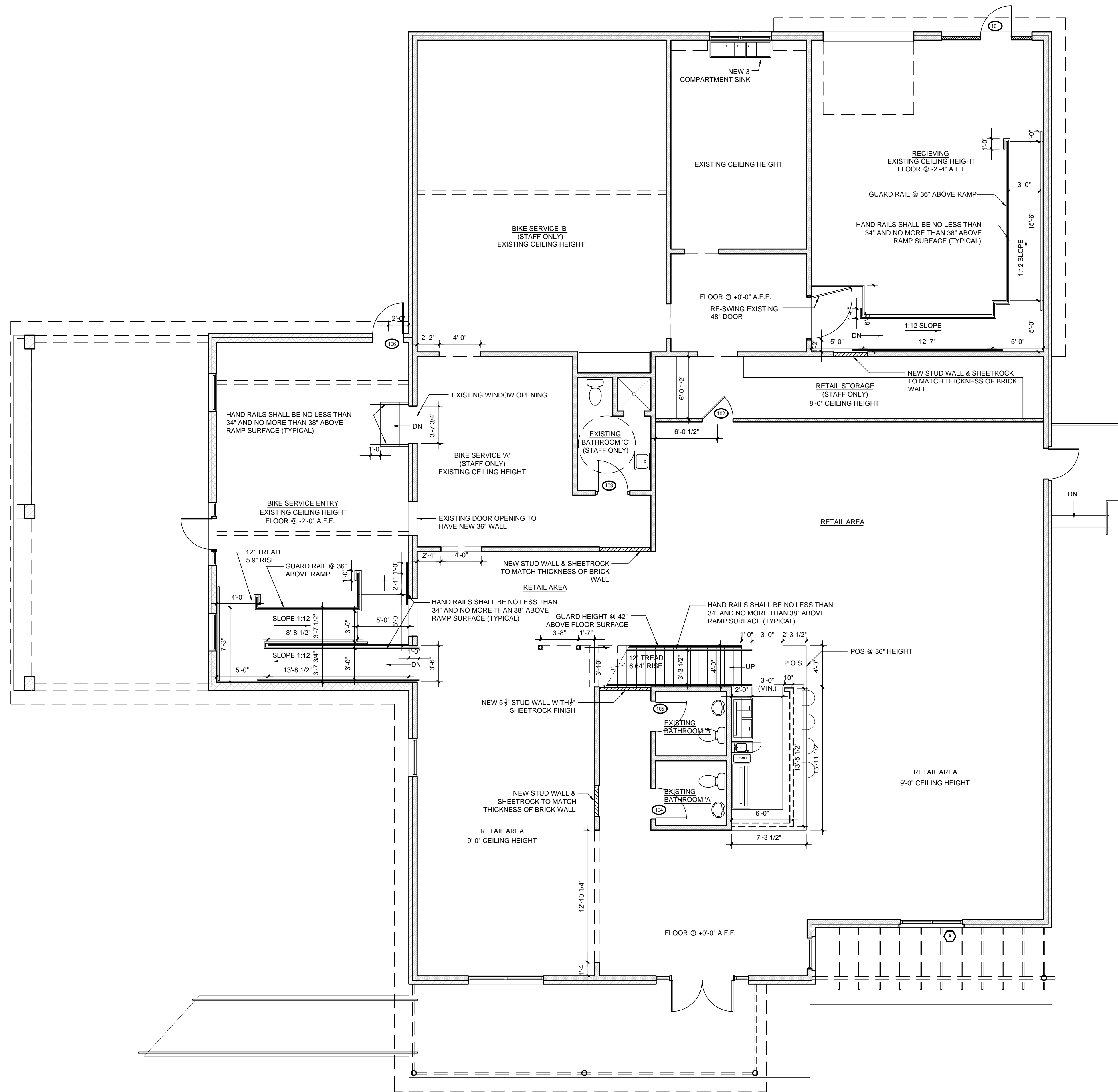
EXISTING MASONRY WALL	
EXISTING WOOD WALL	
NEW 5 1/2" WALL	
NEW 3 1/2" WALL	

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



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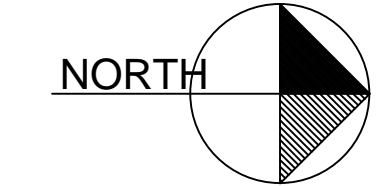


1 FIRST FLOOR PLAN
3/16" = 1'-0"

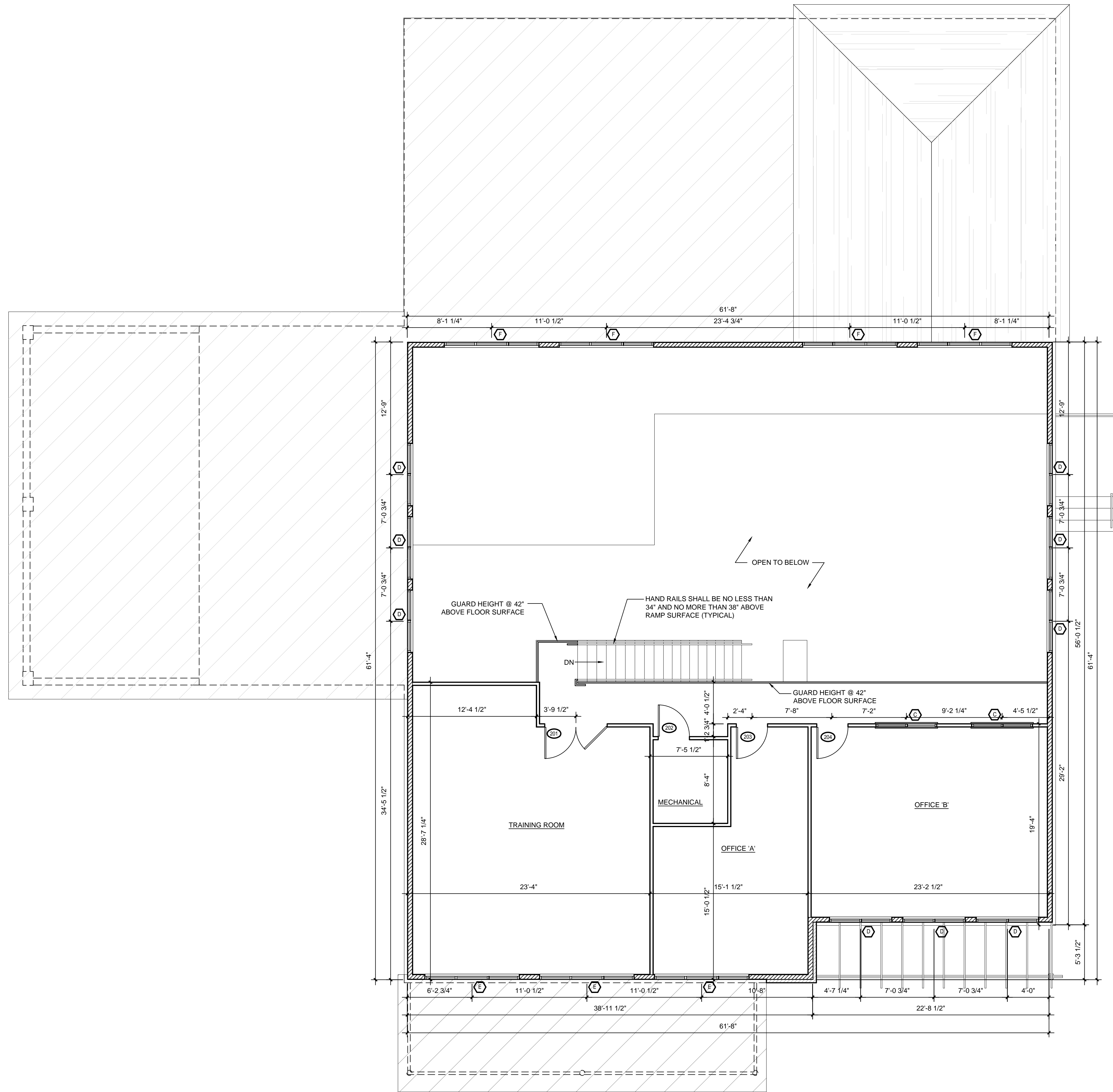
WINDOW SCHEDULE				
ID	SIZE	HEADER HEIGHT	TYPE	TEMPERED
A	PR 2'-10" x 6'-8"	6'-8"	FIXED	YES
B	N/A	N/A	N/A	
C	PR 2'-8" x 5'-0"	7'-0"	FIXED	YES
D	PR 2'-10" x 6'-0"	7'-0" OFFICE 17'-6" RETAIL AREA	FIXED	YES
E	TR 2'-10" x 6'-0"	7'-0"	FIXED	YES
F	TR 2'-10" x 4'-0"	17'-6"	FIXED	

- NOTE:
1. MATCH TRIM DETAILS WITH METAL DRIP CAP (WITH FLASHING) & BACK BAND TRIM AT WINDOWS.
 2. VERIFY ANY REQUIREMENTS FOR EGRESS OR TEMPERED GLASS.
 3. ALL WINDOWS WITH 9 SF OF GLASS OR MORE & LESS THAN 16" A.F.F. MUST BE TEMPERED.
 4. PROVIDE FALL PROTECTION WHERE THE WINDOW IS LESS THAN 24" ABOVE A.F.F. AND GREATER THAN 72" ABOVE GRADE OR WALKING SURFACE BELOW.
 5. PRIOR TO ORDERING WINDOWS, SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL.

- NOTE:
- EXISTING MASONRY WALL
 - EXISTING WOOD WALL
 - NEW 5/2" WALL
 - NEW 3/2" WALL



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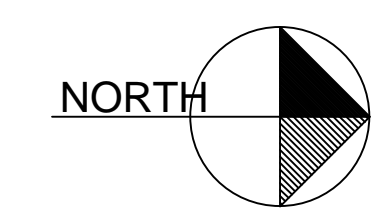


1 FIRST FLOOR PLAN
3/16" = 1'-0"

WINDOW SCHEDULE				
ID	SIZE	HEADER HEIGHT	TYPE	TEMPERED
A	PR 2'-10" x 6'-8"	6'-8"	FIXED	YES
B	N/A	N/A	N/A	
C	PR 2'-8" x 5'-0"	7'-0"	FIXED	YES
D	PR 2'-10" x 6'-0"	7'-0" OFFICE 17'-6" RETAIL AREA	FIXED	YES
E	TR 2'-10" x 6'-0"	7'-0"	FIXED	YES
F	TR 2'-10" x 4'-0"	17'-6"	FIXED	

- NOTE:
1. MATCH TRIM DETAILS WITH METAL DRIP CAP (WITH FLASHING) & BACK BAND TRIM AT WINDOWS.
 2. VERIFY ANY REQUIREMENTS FOR EGRESS OR TEMPERED GLASS.
 3. ALL WINDOWS WITH 9 SF OF GLASS OR MORE & LESS THAN 16" A.F. MUST BE TEMPERED.
 4. PROVIDE FALL PROTECTION WHERE THE WINDOW IS LESS THAN 24" ABOVE A.F. AND GREATER THAN 72" ABOVE GRADE OR WALKING SURFACE BELOW.
 5. PRIOR TO ORDERING WINDOWS, SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL.

- NOTE:
- EXISTING MASONRY WALL
 - EXISTING WOOD WALL
 - NEW 5/2" WALL
 - NEW 3/2" WALL



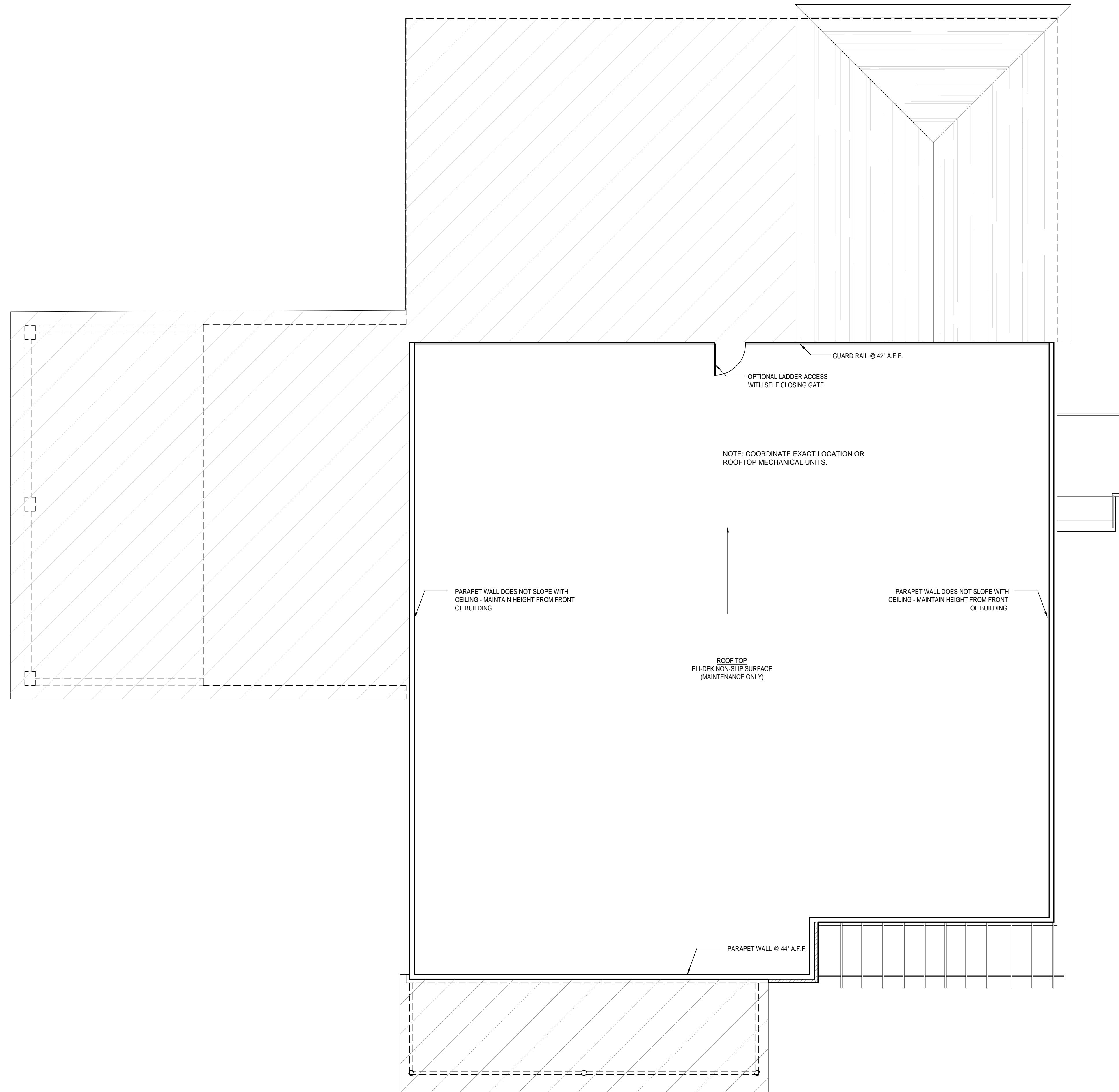
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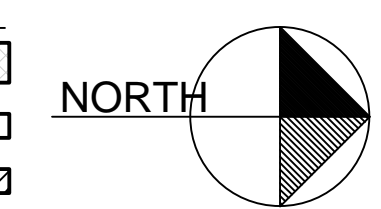
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1 PROPOSED ROOF PLAN
3/16" = 1'-0"

NOTE:

EXISTING MASONRY WALL	
EXISTING WOOD WALL	
NEW 5" WALL	
NEW 3" WALL	

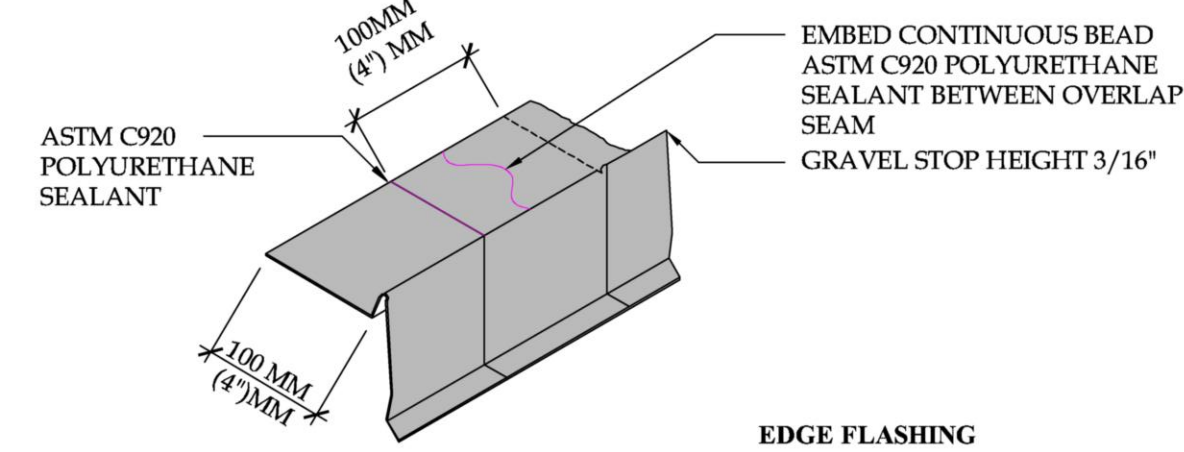


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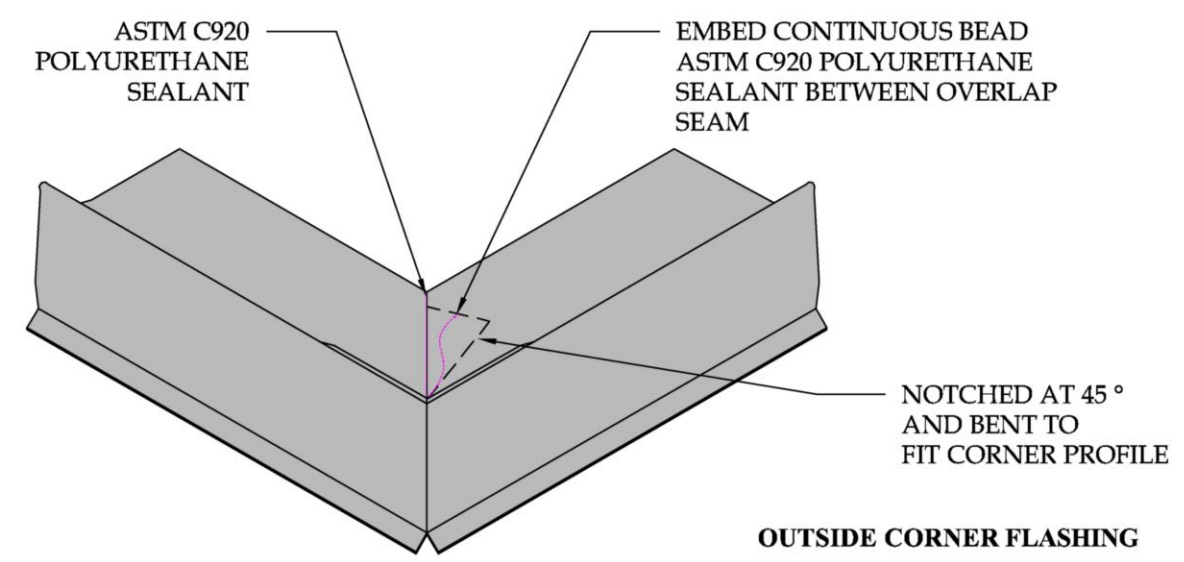
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PROPOSED ROOF PLAN
A-4.4
OF: TWENTY FOUR

- NOTE:
- ALL FLASHING SEAMS SHOULD BE INSTALLED AS TO NOT "BUCK WATER".
 - SEAL ALL SEAMS, NOTCHES, AND OVERLAPS.
 - EMBED SEALANT BETWEEN OVERLAP SEAMS AND JOINTS.
 - ALL FLASHING IS MINIMUM 26 GAUGE GALVANIZED (BONDERIZED).



EDGE FLASHING



OUTSIDE CORNER FLASHING

DETAIL-PERIMETER METAL FLASHING
SCALE: N.T.S.



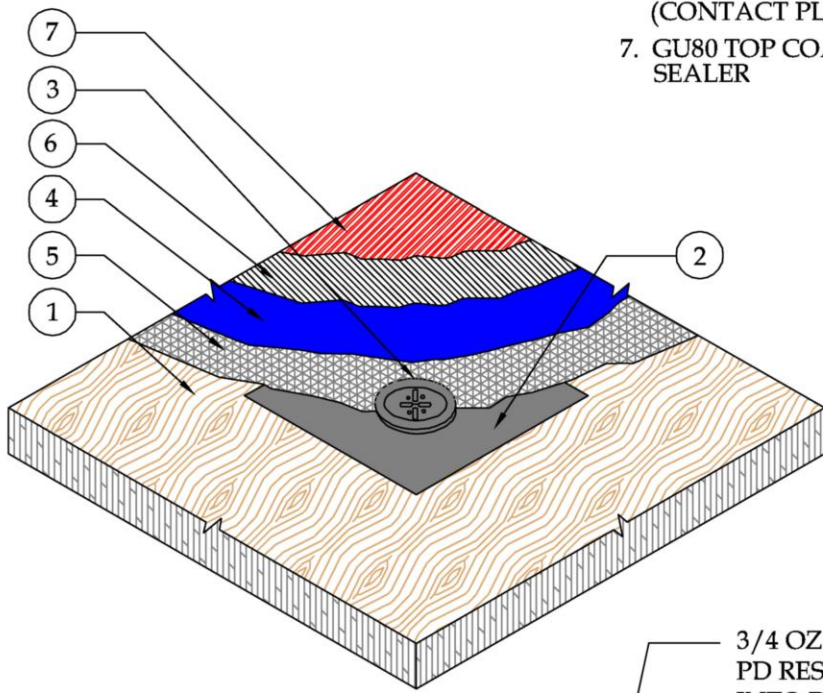
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Phone: 800.364.0287 • Fax: 951.834.9555
WWW.PLI-DEK.COM

These waterproofing procedures are not to be used for permit and should be reviewed by the project architect. The waterproofing procedures are not complete plans or specifications and a professional design professional should be consulted prior to performing major waterproofing and repair.

System: Pli-Deck System ICC-ES ESR-2097
Detail: PERIMETER METAL FLASHING
Job: 05-3-2013
Date: 05-3-2013
Dwn: HJK
Drawing Number: PD-28D

6 FLASHING DETAIL

- NOTE:
- DRAIN DECK PLATES MEASURES:
230MM (9") SQUARE FOR 50MM (2")
250MM (10") SQUARE FOR 76MM (3") DRAIN.
- PLYWOOD DECK (SLOPED)
 - GALVANIZED, BONDERIZED DRAIN DECK PLATE
 - DRAIN-STRAINER
 - GU80 BASE COAT
 - 2.5 METAL LATH
 - 3/4 OZ. FIBERGLASS & PD RESIN (CONTACT PLI-DEK FOR REQUIREMENTS)
 - GU80 TOP COAT & GS88 PIGMENTED SEALER



DETAIL-GALVANIZED DECK DRAIN
SCALE: N.T.S.

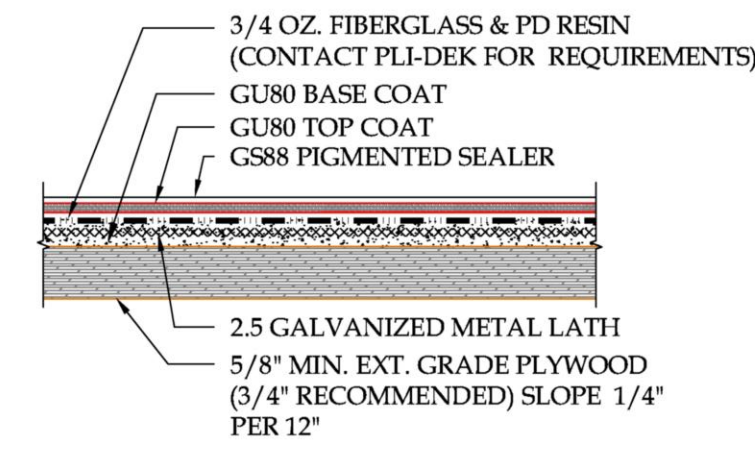


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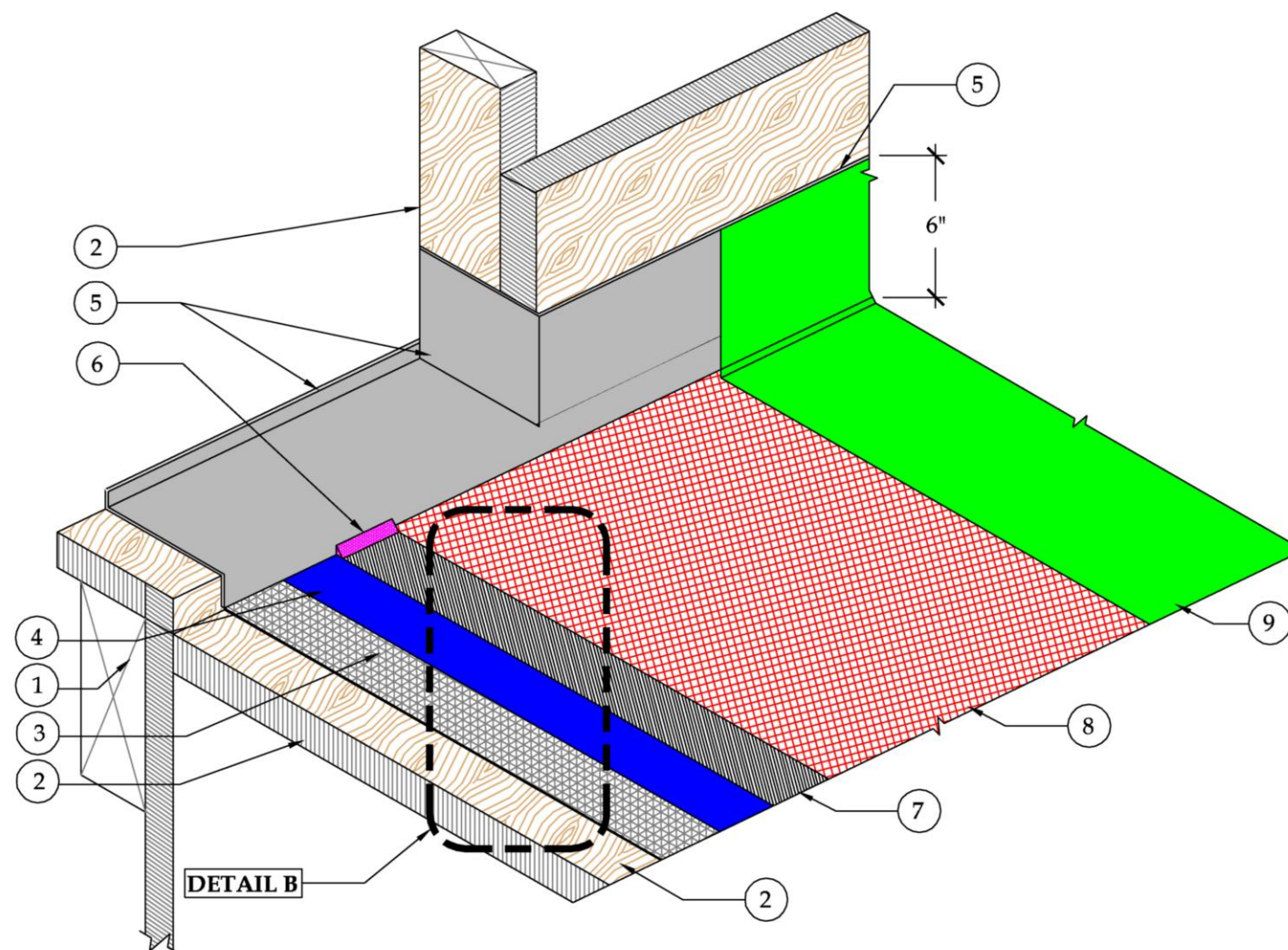
These waterproofing procedures are not to be used for permit and should be reviewed by the project architect. The waterproofing procedures are not complete plans or specifications and a professional design professional should be consulted prior to performing major waterproofing and repair.

System: Pli-Deck System ICC-ES ESR-2097
Detail: GALVANIZED DECK DRAIN
Job: 05-3-2013
Date: 05-3-2013
Dwn: HJK
Drawing Number: PD-24

4 DRAIN DETAIL



DETAIL B
SCALE: N.T.S.



DETAIL-DOOR PAN FLASHING-ONE PIECE-ISOMETRIC
SCALE: N.T.S.

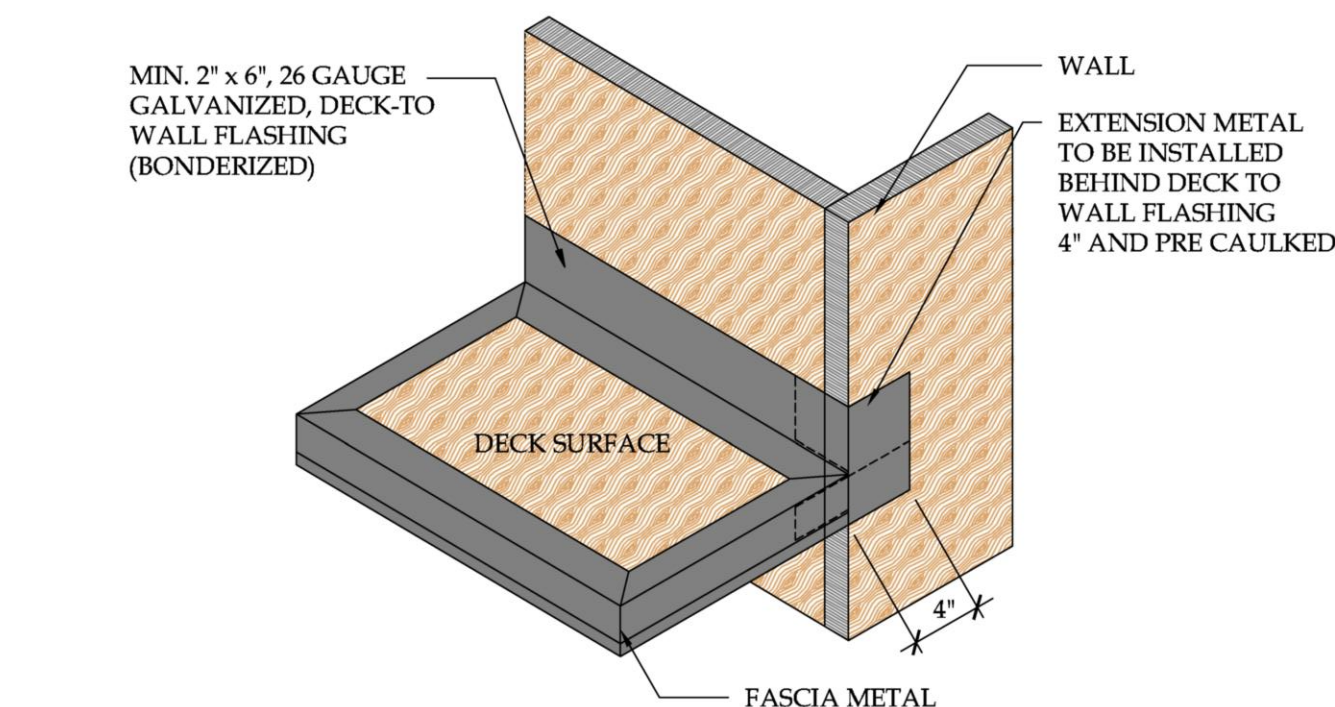


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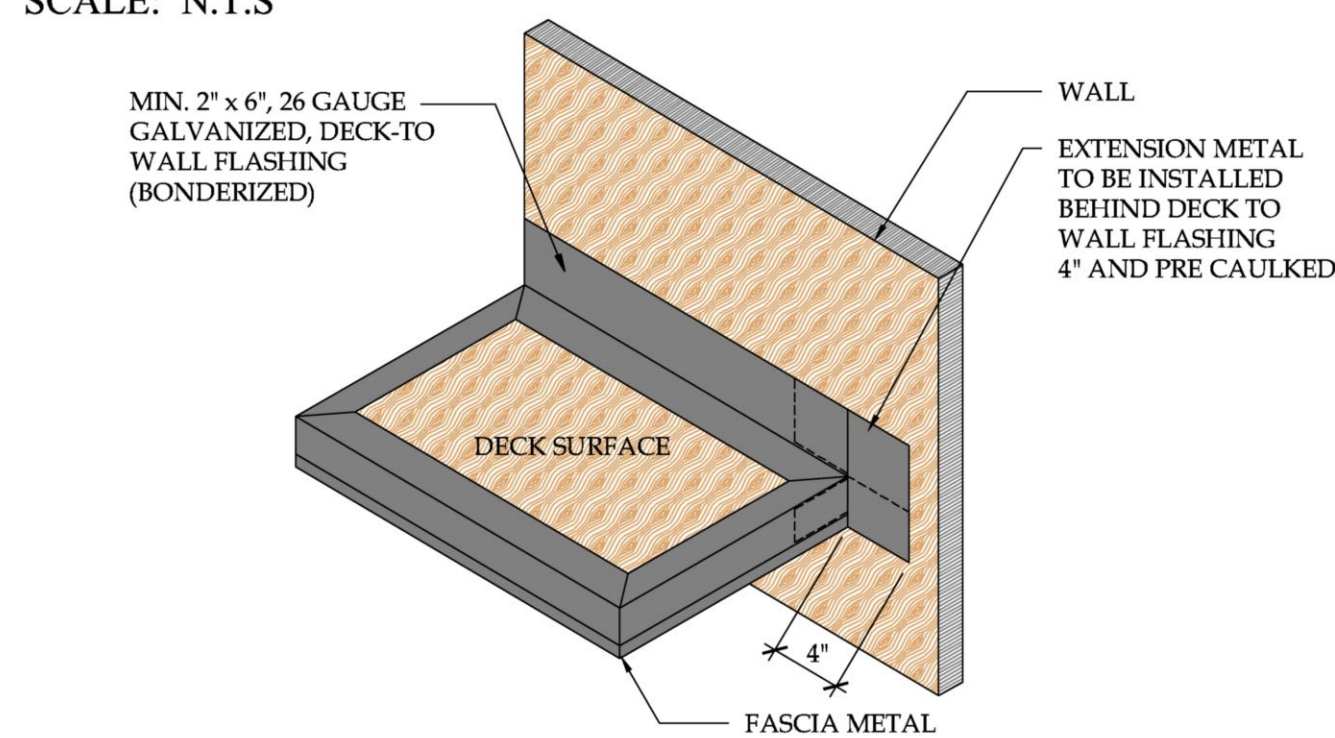
These waterproofing procedures are not to be used for permit and should be reviewed by the project architect. The waterproofing procedures are not complete plans or specifications and a professional design professional should be consulted prior to performing major waterproofing and repair.

System: Pli-Deck System ICC-ES ESR-2097
Detail: DOOR PAN FLASHING-ONE PIECE-ISOMETRIC
Job: 05-3-2013
Date: 05-3-2013
Dwn: HJK
Drawing Number: PD-4

2 DOOR PAN FLASHING



DETAIL-FASCIA TO WALL TO DECK FLASHING CORNER
SCALE: N.T.S.



DETAIL-FASCIA TO WALL TO DECK FLASHING INTERSECTION
SCALE: N.T.S.

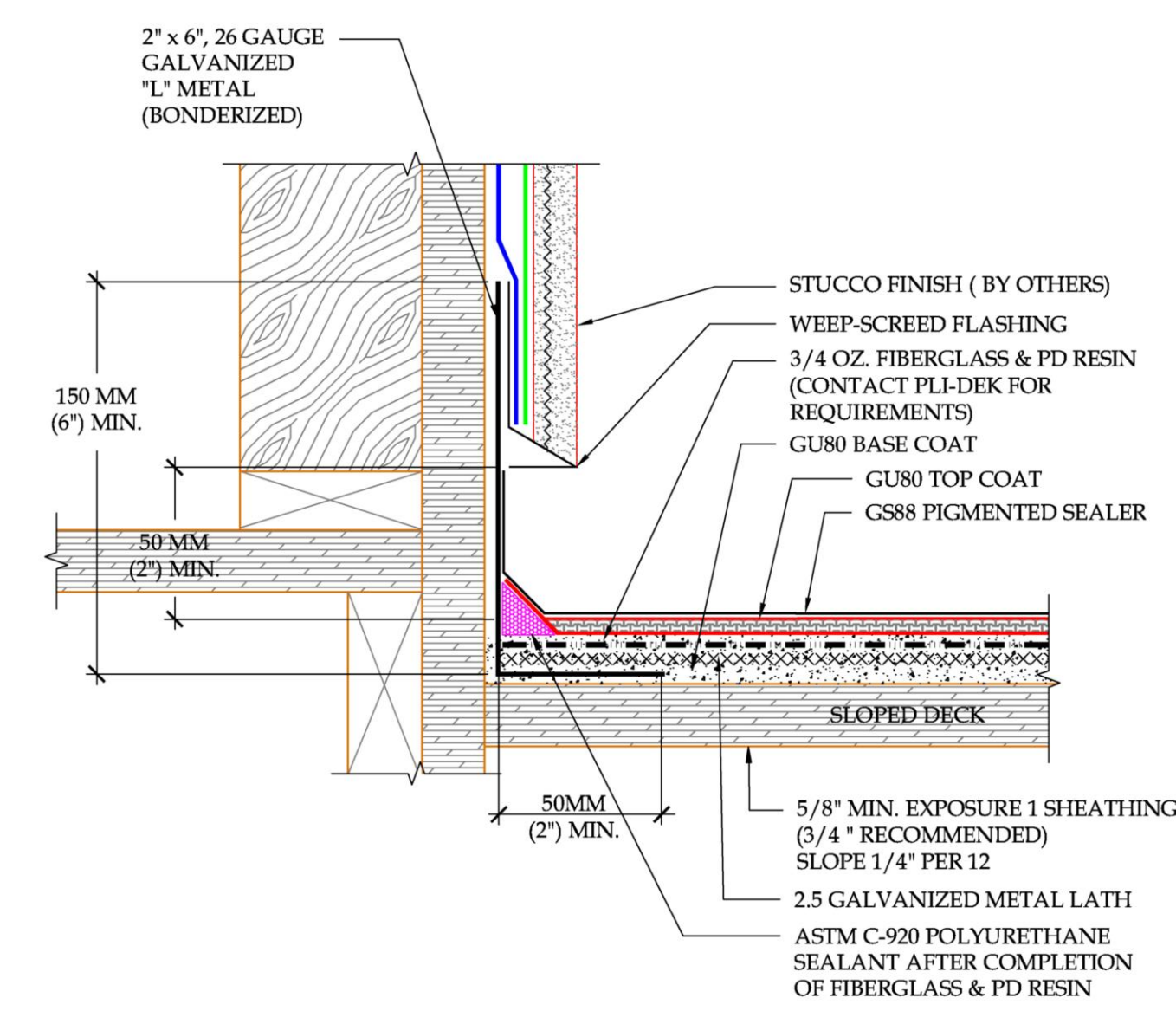


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System: Pli-Deck System ICC-ES ESR-2097
Detail: FASCIA TO WALL TO DECK FLASHING INTERSECTION
Job: 05-3-2013
Date: 05-3-2013
Dwn: HJK
Drawing Number: PD-27

5 FASCIA TO WALL FLASHING DETAIL



DETAIL-DECK TO WALL FLASHING-STUCCO OR EIFS
SCALE: N.T.S.

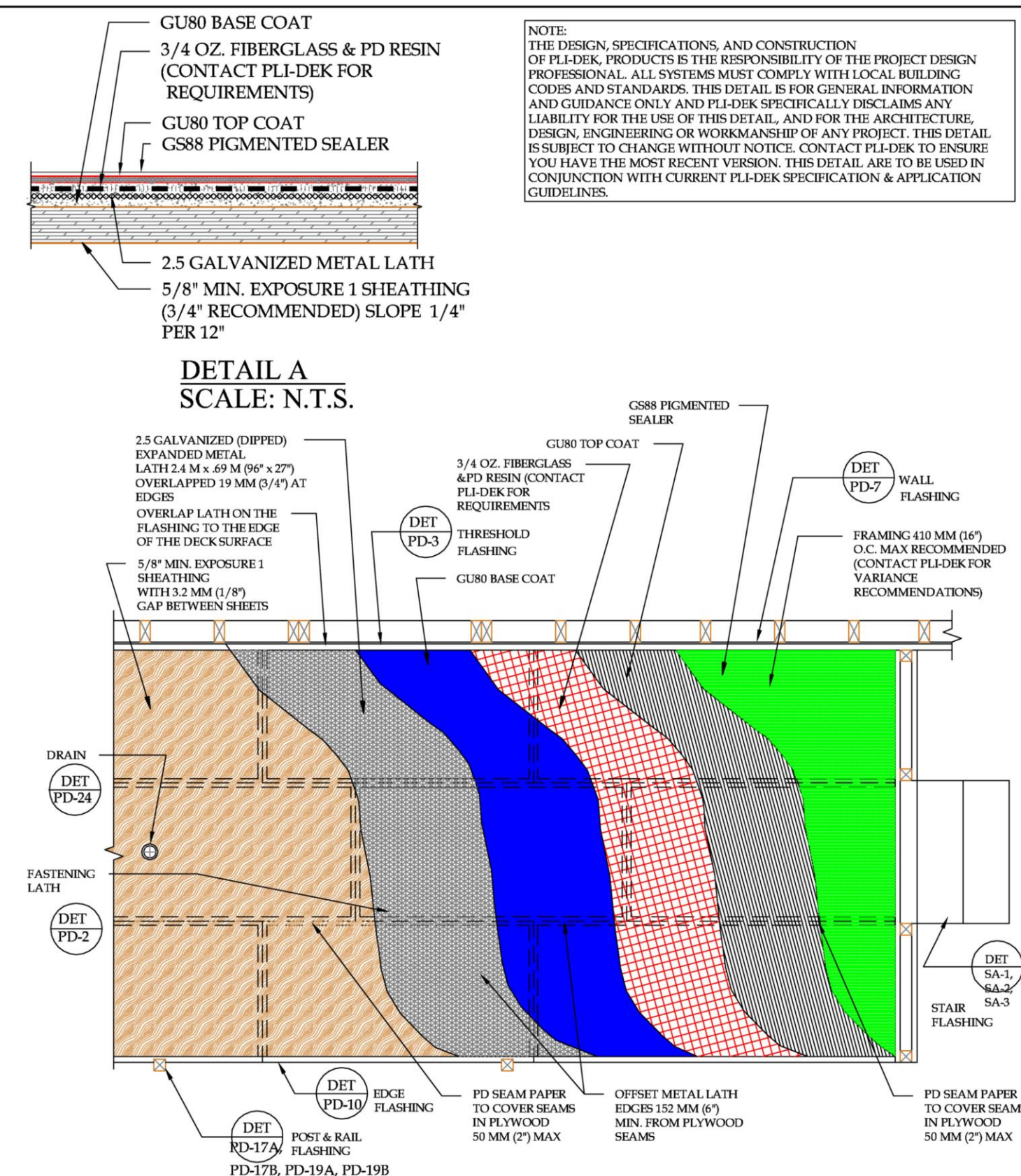


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System: Pli-Deck System ICC-ES ESR-2097
Detail: DECK TO WALL FLASHING-STUCCO OR EIFS
Job: 05-3-2013
Date: 05-3-2013
Dwn: HJK
Drawing Number: PD-7

3 WALL FLASHING DETAIL



DETAIL-PLI-DEK SYSTEM - DECK PLAN VIEW
SCALE: N.T.S.



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System: Pli-Deck System ICC-ES ESR-2097
Detail: DECK PLAN VIEW
Job: 05-3-2013
Date: 05-3-2013
Dwn: HJK
Drawing Number: PD-1

1 PLAN VIEW DETAIL



A.E. STOUT DESIGNS LLC
Phone: 704.941.8597

E-mail: aestoutdesigns@icloud.com
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Renovation & Addition Exclusively Designed for:
Spirited Cyclist
16601 Old Statesville Road, Huntersville, NC 28078

PROJECT #:	2006
ISSUE DATE:	18 MARCH 2021
REVISIONS:	
1	...
2	...
3	...

PLI-DECK DETAILS
A-8.0
OF: TWENTY FOUR

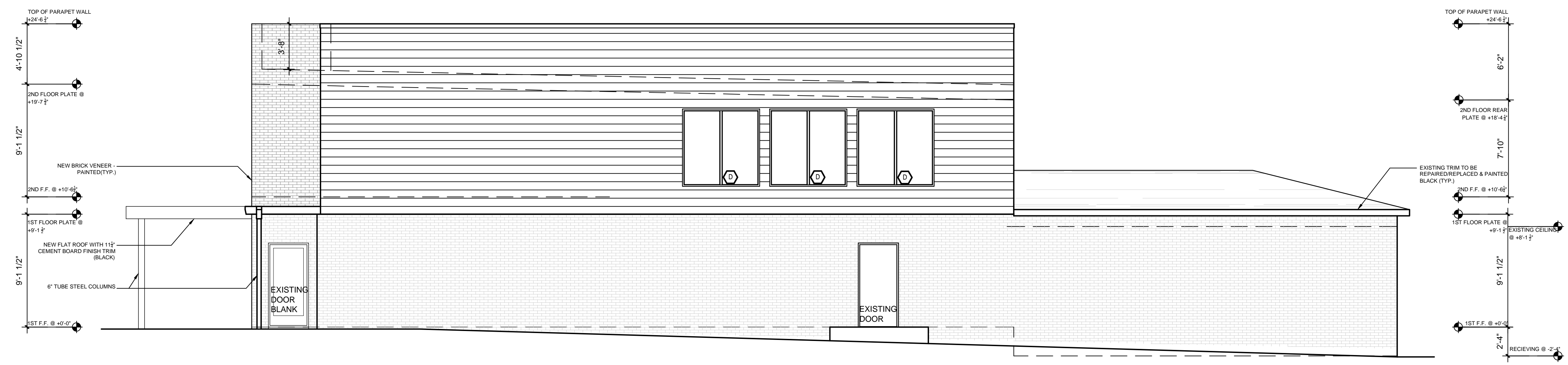
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A	PR 2'-10" x 6'-8"	6'-8"	FIXED	YES
B	N/A	N/A	N/A	
C	PR 2'-8" x 5'-0"	7'-0"	FIXED	YES
D	PR 2'-10" x 6'-0"	7'-0" OFFICE 17'-6" RETAIL AREA	FIXED	YES
E	TR 2'-10" x 6'-0"	7'-0"	FIXED	YES
F	TR 2'-10" x 4'-0"	17'-6"	FIXED	

NOTE:
 1. MATCH TRIM DETAILS WITH METAL DRIP CAP (WITH FLASHING) & BACK BAND TRIM AT WINDOWS.
 2. VERIFY ANY REQUIREMENTS FOR EGRESS OR TEMPERED GLASS.
 3. ALL WINDOWS WITH 9 SF OF GLASS OR MORE & LESS THAN 16" A.F.F.MUST BE TEMPERED.

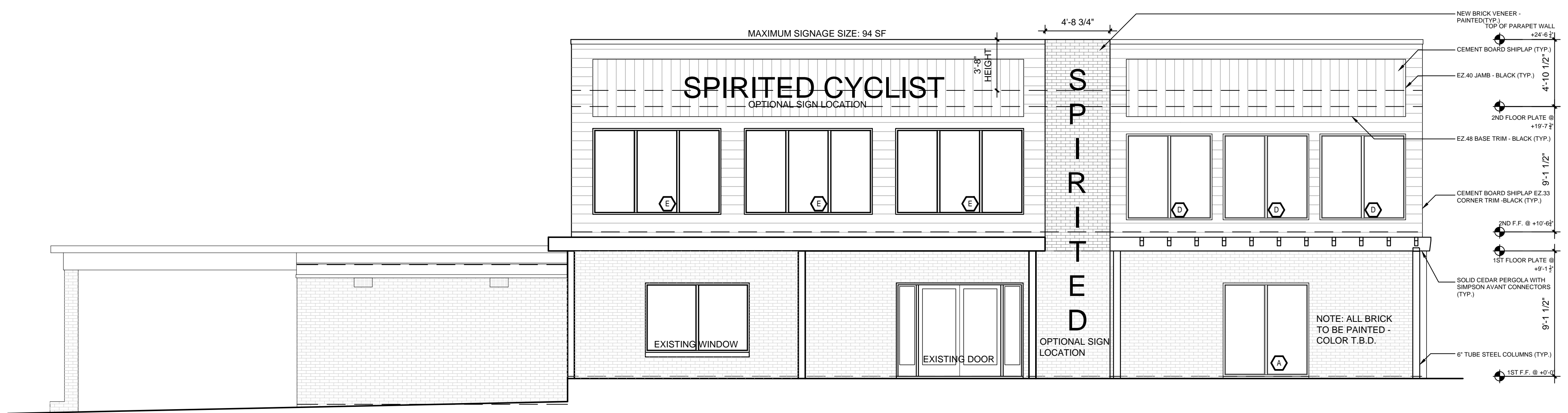


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2 PROPOSED RIGHT ELEVATION
 3/16" = 1'-0"



1 PROPOSED FRONT ELEVATION
 3/16" = 1'-0"

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 16601 Old Statesville Road, Huntersville, NC 28078

PROJECT #:	2006
ISSUE DATE:	18 MARCH 2021
REVISIONS:	
1	...
2	...
3	...

PROPOSED FRONT &
 RIGHT ELEVATIONS
A-9.0
 OF: TWENTY FOUR

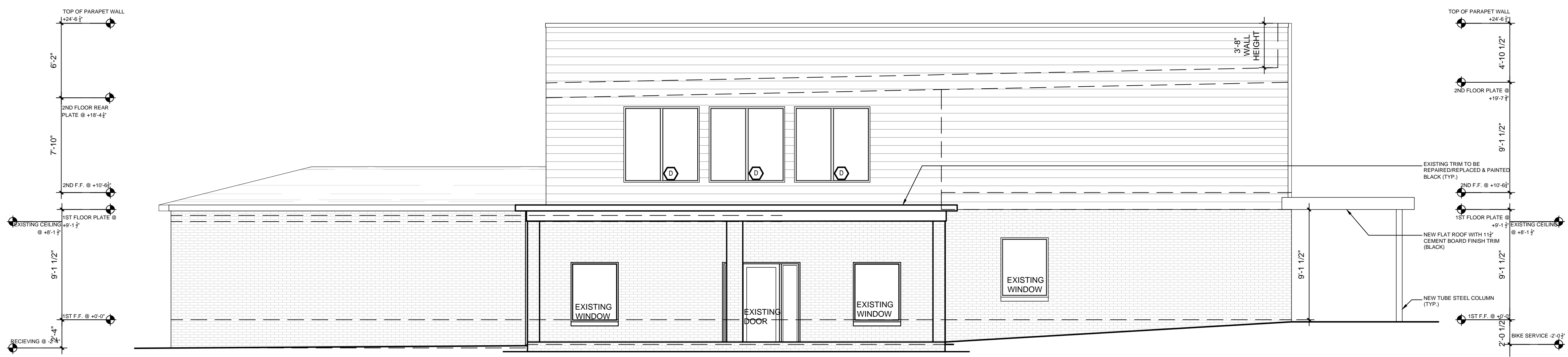
WINDOW SCHEDULE				
ID	SIZE	HEADER HEIGHT	TYPE	TEMPERED
A	PR 2'-10" x 6'-8"	6'-8"	FIXED	YES
B	N/A	N/A	N/A	
C	PR 2'-8" x 5'-0"	7'-0"	FIXED	YES
D	PR 2'-10" x 6'-0"	7'-0" OFFICE 17'-6" RETAIL AREA	FIXED	YES
E	TR 2'-10" x 6'-0"	7'-0"	FIXED	YES
F	TR 2'-10" x 4'-0"	17'-6"	FIXED	

NOTE:
 1. MATCH TRIM DETAILS WITH METAL DRIP CAP (WITH FLASHING) & BACK BAND TRIM AT WINDOWS.
 2. VERIFY ANY REQUIREMENTS FOR EGRESS OR TEMPERED GLASS.
 3. ALL WINDOWS WITH 9 SF OF GLASS OR MORE & LESS THAN 16" A.F.F.MUST BE TEMPERED.

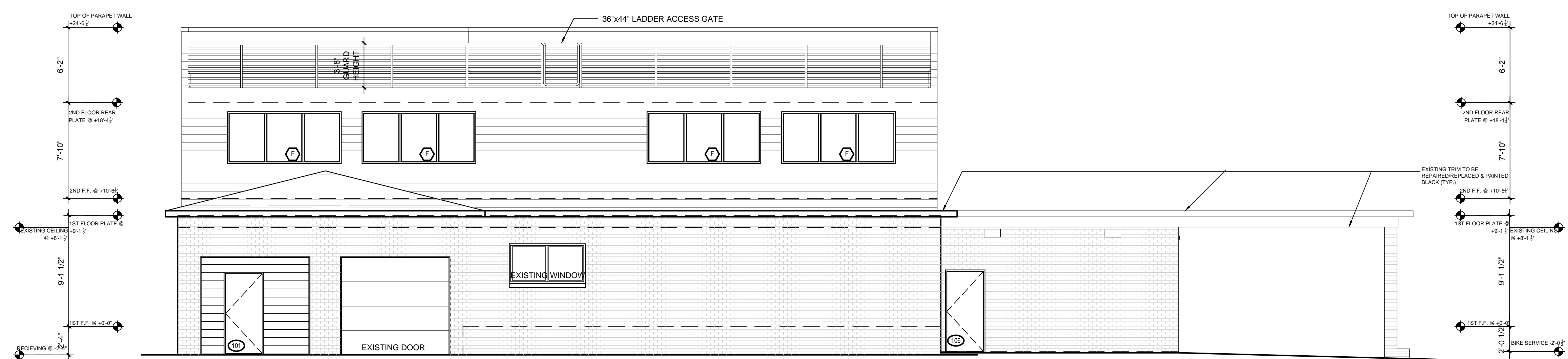


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2 PROPOSED LEFT ELEVATION
 3/16" = 1'-0"



1 PROPOSED REAR ELEVATION
 3/16" = 1'-0"

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1	...
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3	...

PROPOSED REAR & LEFT ELEVATIONS
A-9.1
 OF: TWENTY FOUR