

PROJECT INFORMATION

- ADDRESS: DEBARY AVENUE, 32725, FLORIDA, USA
- PROPERTY TYPE: NEW BUILDING (SINGLE-STORY)
- OCCUPANCY GROUP: R-4 (TYPICAL FOR SINGLE-FAMILY AND ACCESSORY DWELLING UNIT STRUCTURES)
- ZONING: SUBJECT TO LOCAL MUNICIPAL AND COUNTY ZONING ORDINANCES HAVING JURISDICTION
- CONSTRUCTION TYPE: CONVENTIONAL CONSTRUCTION – CMU EXTERIOR WALLS WITH WOOD-FRAMED INTERIOR WALLS

- ALL UNITS ARE IN FEET OR INCHES UNLESS OTHERWISE INDICATED.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE– 8TH EDITION (2023), INCLUDING ALL APPLICABLE VOLUMES, AND ALL GOVERNING LOCAL CODES, ORDINANCES, AND REGULATIONS HAVING JURISDICTION.
- THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS NOT OBTAINED BY THE OWNER PRIOR TO COMMENCEMENT OF THE WORK.
- UNLESS NOTED OTHERWISE OR REQUIRED BY THE AUTHORITY HAVING JURISDICTION, SPECIAL INSPECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH FBC CHAPTER 17, INCLUDING STRUCTURAL WELDING, CONNECTIONS, AND MATERIAL TESTING WHERE APPLICABLE.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FURNISH AND INSTALL ALL MATERIAL AND WORK SHOWN, SPECIFIED, OR IMPLIED IN THESE DOCUMENTS, WHETHER OR NOT SUCH WORK IS SPECIFICALLY CALLED OUT.
- THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL REVIEW THE CONSTRUCTION DOCUMENTS IN THEIR ENTIRETY. ANY DISCREPANCIES SHALL BE REPORTED TO THE DESIGN PROFESSIONAL AND BUILDING OFFICIAL PRIOR TO CONSTRUCTION. THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN.
- THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR JOB-SITE SAFETY AND SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL SAFETY REGULATIONS, INCLUDING OSHA REQUIREMENTS.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY FENCING, BARRICADES, SIGNAGE, AND OTHER SAFETY MEASURES NECESSARY TO PROTECT THE PUBLIC AND WORKERS UNTIL COMPLETION OF THE PROJECT.
- DRAWINGS ARE PREPARED SPECIFICALLY FOR THE PROJECT LOCATION SHOWN ON THE APPROVED SITE PLAN.
- PRIOR TO ANY EXCAVATION OR EARTHWORK, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES.
- CALL SUNSHINE 811 PRIOR TO ANY DIGGING OR EXCAVATION, AS REQUIRED BY FLORIDA LAW.
- A HARD COPY OR APPROVED ELECTRONIC COPY OF THE PERMIT SET SHALL BE MAINTAINED ON THE JOB SITE AND AVAILABLE FOR INSPECTION AT ALL TIMES.
- MANUFACTURER’S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR ALL EQUIPMENT, APPLIANCES, AND PREFABRICATED STRUCTURAL COMPONENTS SHALL BE AVAILABLE ON SITE FOR INSPECTION.
- THE PROJECT SHALL COMPLY WITH THE FLORIDA BUILDING CODE– RESIDENTIAL (2023), INCLUDING ALL STRUCTURAL, ELECTRICAL, MECHANICAL, PLUMBING, ENERGY, ACCESSIBILITY, AND LIFE SAFETY REQUIREMENTS AS APPLICABLE.
- STRUCTURAL DESIGN SHALL COMPLY WITH THE FLORIDA BUILDING CODE AND REFERENCED STANDARDS INCLUDING ASCE 7, ACI 318-19, AISC, NDS, AND APPLICABLE ASTM STANDARDS.
- DESIGN WIND LOADS SHALL BE IN ACCORDANCE WITH ASCE 7 AS ADOPTED BY FBC-2023, WITH WIND SPEED, EXPOSURE CATEGORY, AND RISK CATEGORY VERIFIED PER PROJECT LOCATION AND AHJ REQUIREMENTS.
- FOUNDATIONS, FLOOR FRAMING, WALL FRAMING, ROOF FRAMING, CONNECTIONS, AND WALL BRACING SHALL COMPLY WITH FBC-R SECTION R602.10 OR ENGINEERED DESIGN WHERE REQUIRED.
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE ELECTRICAL (2023) AND THE NATIONAL ELECTRICAL CODE (NEC) 2020 (NFPA 70) AS ADOPTED BY THE STATE OF FLORIDA.
- ALL MECHANICAL WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE – MECHANICAL (2023).
- ALL PLUMBING WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE– PLUMBING (2023).
- ENERGY DESIGN AND CONSTRUCTION SHALL COMPLY WITH THE FLORIDA BUILDING CODE – ENERGY CONSERVATION (2023), INCLUDING REQUIRED ENERGY CALCULATIONS, DUCT LEAKAGE TESTING, AND BLOWER DOOR TESTING WHERE APPLICABLE.
- ACCESSIBLE ELEMENTS, WHERE REQUIRED, SHALL COMPLY WITH THE FLORIDA BUILDING CODE – ACCESSIBILITY (2023) AND THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
- FIRE PROTECTION SYSTEMS, WHERE REQUIRED, SHALL COMPLY WITH THE FLORIDA FIRE PREVENTION CODE (2023) AND APPLICABLE NFPA STANDARDS, INCLUDING NFPA 13.

STRUCTURAL DESIGN NOTES

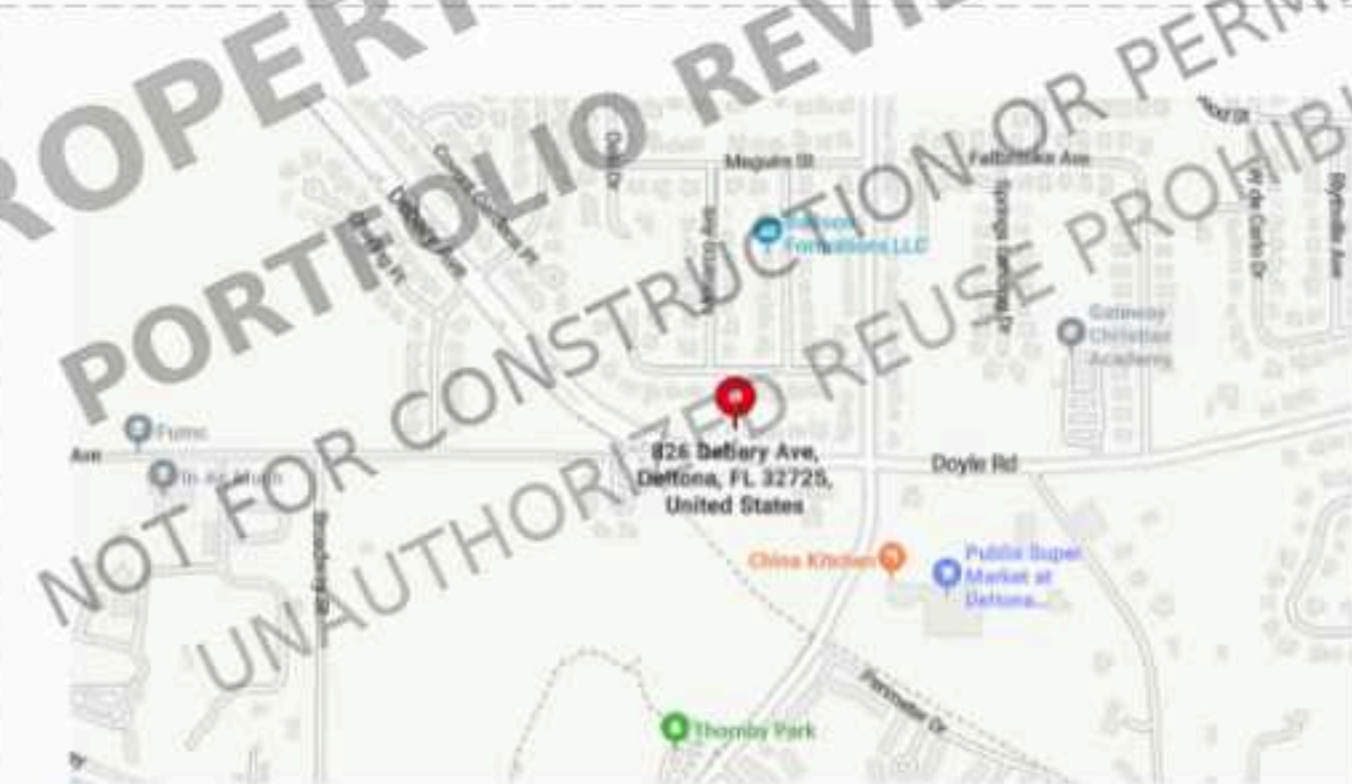
- I. SEISMIC DESIGN:
- SEISMIC DESIGN CATEGORY A PER FLORIDA BUILDING CODE– RESIDENTIAL (FBC-R), 8TH EDITION (2023) AND ASCE 7 AS ADOPTED BY FBC, APPLICABLE TO CENTRAL FLORIDA (LOW SEISMIC REGION).
 - PROVIDE CONTINUOUS LOAD PATH, LATERAL BRACING, AND HOLD-DOWNS IN ACCORDANCE WITH FBC-R SECTIONS R301.2.2, R602.10, AND R602.11, AS APPLICABLE.
- II. WIND LOAD DESIGN:
- DESIGN WIND SPEED SHALL BE PER ASCE 7 AS ADOPTED BY FBC-2023, WITH ULTIMATE WIND SPEED GENERALLY RANGING FROM 140–150 MPH (Vult) FOR CENTRAL FLORIDA; FINAL WIND SPEED, EXPOSURE CATEGORY, AND RISK CATEGORY SHALL BE VERIFIED BASED ON PROJECT LOCATION AND AHJ REQUIREMENTS.
 - PROVIDE WIND-RESISTANT CONNECTIONS AT ROOF-TO-WALL, WALL-TO-FLOOR, AND WALL-TO-FOUNDATION INTERFACES USING APPROVED HURRICANE TIES, STRAPS, AND CONNECTORS IN ACCORDANCE WITH FBC-R R602.3, R802.11, AND R403.1.6.
 - ROOF AND WALL SHEATHING FASTENING SHALL COMPLY WITH FBC-R TABLES R602.3(1), R803.2.3.1, AND APPLICABLE HIGH-WIND ZONE REQUIREMENTS.
- III. FOUNDATION DRAINAGE:
- PROVIDE FOUNDATION DRAINAGE WHERE REQUIRED DUE TO HIGH WATER TABLE, POORLY DRAINING SOILS, OR AS DIRECTED BY GEOTECHNICAL CONDITIONS.
 - FINISHED GRADE SHALL SLOPE A MINIMUM OF 6 INCHES WITHIN THE FIRST 10 FEET AWAY FROM THE FOUNDATION IN ACCORDANCE WITH FBC-R R401.3.
 - FOOTINGS AND FOUNDATIONS SHALL COMPLY WITH FBC-R SECTION R403, INCLUDING BEARING CAPACITY, MINIMUM DEPTH, AND REINFORCEMENT REQUIREMENTS.
- IV. CONCRETE SLABS / EXPANSION JOINTS:
- PROVIDE CONTROL OR EXPANSION JOINTS IN EXTERIOR SLABS-ON-GRADE AT SPACING NOT EXCEEDING 10–12 FEET TO MINIMIZE SHRINKAGE CRACKING.
 - SLABS SHALL BE PLACED OVER A MINIMUM 4-INCH COMPACTED GRANULAR BASE WITH 6-MIL POLYETHYLENE VAPOR BARRIER IN ACCORDANCE WITH FBC-R R506.

EXTERIOR CONSTRUCTION NOTES

- I. EXTERIOR WALLS:
- USE WEATHER-RESISTANT MATERIALS SUITABLE FOR FLORIDA CLIMATE ZONE 2A (HOT-HUMID).
 - INSTALL APPROVED WEATHER-RESISTIVE BARRIER (WRB), FLASHING, AND WATER MANAGEMENT SYSTEMS IN ACCORDANCE WITH FBC-R SECTIONS R703.1 THROUGH R703.8.
 - ACCEPTABLE EXTERIOR FINISH MATERIALS INCLUDE BRICK VENEER, FIBER-CEMENT SIDING, VINYL SIDING, ENGINEERED WOOD, OR STUCCO, AS PER FBC-R TABLE R703.
- II. ROOFING:
- PROVIDE CLASS A FIRE-RATED ROOFING MATERIALS WHERE REQUIRED BY CODE.
 - ROOF UNDERLAYMENT, FLASHING, AND VENTILATION SHALL COMPLY WITH FBC-R SECTIONS R903 THROUGH R905.
 - ROOF ASSEMBLIES SHALL BE DESIGNED FOR FLORIDA HIGH-WIND CONDITIONS, INCLUDING UPLIFT-RATED FASTENING AND PRODUCT APPROVALS IN ACCORDANCE WITH FLORIDA PRODUCT APPROVAL OR MIAMI-DADE NOA REQUIREMENTS.
 - ATTIC INSULATION AND VENTILATION SHALL COMPLY WITH THE FLORIDA BUILDING CODE– ENERGY CONSERVATION (2023).
- III. DRIVEWAY AND SITE DRAINAGE:
- DRIVEWAY ACCESS AND SITE GRADING SHALL COMPLY WITH LOCAL MUNICIPAL AND COUNTY REQUIREMENTS HAVING JURISDICTION.
- IV. CONCRETE SLABS:
- PROVIDE CONTROL JOINTS IN SLABS EXCEEDING 200 SQUARE FEET.
 - PROVIDE COMPACTED SUBGRADE AND VAPOR BARRIER UNDER SLABS IN ACCORDANCE WITH FBC-R R506.2.3.

UTILITY AND MECHANICAL NOTES

- I. RAINWATER HARVESTING:
- RAINWATER HARVESTING SYSTEMS ARE PERMITTED FOR NON-POTABLE USES IN ACCORDANCE WITH FLORIDA BUILDING CODE– PLUMBING AND LOCAL UTILITY REQUIREMENTS.
 - STORAGE TANKS SHALL BE SEALED AND PROVIDED WITH BACKFLOW PREVENTION WHERE CONNECTED TO BUILDING SYSTEMS IN ACCORDANCE WITH FBC-P SECTION 608.
- II. ELECTRICAL SYSTEMS:
- ELECTRICAL INSTALLATIONS SHALL COMPLY WITH THE FLORIDA BUILDING CODE– ELECTRICAL (2023) AND THE NATIONAL ELECTRICAL CODE (NEC) 2020 (NFPA 70) AS ADOPTED BY THE STATE OF FLORIDA.
 - PROVIDE NEW MAIN OR SUB-PANEL IF EXISTING SERVICE CAPACITY IS INSUFFICIENT; PANELS SHALL BE RATED FOR EXTERIOR USE WHERE APPLICABLE.
 - MAINTAIN REQUIRED WORKING CLEARANCES, GROUNDING, AND BONDING IN ACCORDANCE WITH NEC ARTICLES 110 AND 250.
- III. HVAC SYSTEMS:
- HVAC DESIGN, EQUIPMENT SIZING, AND INSTALLATION SHALL COMPLY WITH THE FLORIDA BUILDING CODE – MECHANICAL (2023) AND THE FLORIDA BUILDING CODE – ENERGY CONSERVATION (2023).
 - PROVIDE MANUAL J LOAD CALCULATIONS, MANUAL S EQUIPMENT SELECTION, AND MANUAL D DUCT DESIGN WHERE REQUIRED.
 - DUCT SEALING, INSULATION, AND TESTING SHALL COMPLY WITH FBC ENERGY REQUIREMENTS.



AERIAL VIEW

APPLICABLE CODES:

- FLORIDA BUILDING CODE – 8TH EDITION (2023)
- FLORIDA BUILDING CODE – BUILDING (2023)
- FLORIDA BUILDING CODE – RESIDENTIAL (2023)
- FLORIDA BUILDING CODE – MECHANICAL (2023)
- FLORIDA BUILDING CODE – PLUMBING (2023)
- FLORIDA BUILDING CODE – ELECTRICAL (2023)
- FLORIDA BUILDING CODE – FUEL GAS (2023)
- FLORIDA BUILDING CODE – ENERGY CONSERVATION (2023)
- FLORIDA BUILDING CODE – ACCESSIBILITY (2023)
- FLORIDA BUILDING CODE – EXISTING BUILDING (2023), WHERE APPLICABLE
- INTERNATIONAL BUILDING CODE (IBC) 2021, AS ADOPTED AND AMENDED BY THE FLORIDA BUILDING CODE
- INTERNATIONAL RESIDENTIAL CODE (IRC) 2021, AS ADOPTED AND AMENDED BY THE FLORIDA BUILDING CODE

Sheet List

Sheet Number	Sheet Name
00	COVER
A1	FLOOR PLAN
A2	ROOF PLAN & SCHEDULES
A3	ELEVATIONS
E1	ELECTRICAL PLAN
E2	ELECTRICAL DWG
P1	PLUMBING PLAN (CW & HW)
P2	PLUMBING PLAN (SANITARY)
M1	MECHANICAL PLAN
S1	FOUNDATION PLAN
S2	SLAB PLAN
S3	WALL PLAN AND LINTELS
S4	ROOF FRAMING
S5	STRUCTURAL DETAILS-1
S6	STRUCTURAL DETAILS-2
S7	STRUCTURAL DETAILS-3
S8	STRUCTURAL DETAILS-4
S9	STRUCTURAL DETAILS-5
S10	STRUCTURAL DETAILS-6

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
COVER

Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR

00

Scale

GENERAL NOTES:

- ALL DIMENSIONS ARE TO FACE OF WALL, CENTERLINE OF WALL, OR FINISHED SURFACE AS NOTED. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION.
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SHALL GOVERN.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE DESIGN PROFESSIONAL PRIOR TO PROCEEDING WITH THE WORK.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE – 8TH EDITION (2023) AND ALL APPLICABLE LOCAL CODES AND ORDINANCES HAVING JURISDICTION.
- THE CONTRACTOR SHALL OBTAIN AND MAINTAIN ALL REQUIRED PERMITS AND SHALL SCHEDULE ALL REQUIRED INSPECTIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL TRADES AND SUBCONTRACTORS TO ENSURE PROPER EXECUTION OF THE WORK.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND WORK SHOWN OR IMPLIED BY THE DRAWINGS, WHETHER OR NOT SPECIFICALLY CALLED OUT IN EVERY LOCATION.
- ANY CONFLICTS, ERRORS, OR OMISSIONS IN THE DRAWINGS SHALL BE REPORTED TO THE DESIGN PROFESSIONAL AND AUTHORITY HAVING JURISDICTION PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB-SITE SAFETY AND SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL SAFETY REGULATIONS, INCLUDING OSHA REQUIREMENTS.
- ALL DIMENSIONS, OPENINGS, AND WALL LOCATIONS SHALL BE COORDINATED WITH STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
- LOAD-BEARING WALLS AND STRUCTURAL ELEMENTS SHALL NOT BE ALTERED WITHOUT WRITTEN APPROVAL FROM THE DESIGN PROFESSIONAL AND AHJ.
- DOORS, WINDOWS, AND GLAZING SHALL COMPLY WITH FLORIDA PRODUCT APPROVAL OR MIAMI-DADE NOA REQUIREMENTS, WHERE APPLICABLE.
- PENETRATIONS THROUGH FLOORS, WALLS, AND CEILINGS SHALL BE COORDINATED WITH MEP TRADES AND SHALL MAINTAIN REQUIRED FIRE-RESISTANCE AND STRUCTURAL INTEGRITY.
- ALL EQUIPMENT, FIXTURES, AND APPLIANCES SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
- CLEARANCES AND ACCESS AROUND MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT SHALL BE MAINTAINED PER CODE AND MANUFACTURER REQUIREMENTS.
- THE DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR JOB-SITE SAFETY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES, UTILITIES, AND ADJACENT PROPERTIES FROM DAMAGE DURING CONSTRUCTION.
- ALL WORK SHALL BE COMPLETED IN A NEAT AND WORKMANLIKE MANNER CONSISTENT WITH INDUSTRY STANDARDS.

Room-Area-Schedule

Name	Area	Ceiling Height	Perimeter
BACK-PORCH	48 SF	10' - 6"	29' - 2"
BATH-1	53 SF	9' - 0"	32' - 8"
BATH-2	38 SF	9' - 0"	25' - 4"
BEDROOM-1	200 SF	9' - 0"	57' - 0"
BEDROOM-2	125 SF	9' - 0"	45' - 0"
BEDROOM-3	125 SF	9' - 0"	45' - 0"
CLO-1	25 SF	9' - 0"	20' - 8"
CLO-2	21 SF	9' - 0"	18' - 4"
CLO-3	15 SF	9' - 0"	19' - 0"
DINING	191 SF	11' - 10"	60' - 6"
FRONT PORCH	43 SF	10' - 0"	26' - 8"
GARAGE	410 SF	9' - 0"	81' - 0"
KITCHEN	156 SF	11' - 10"	52' - 8"
LAUNDARY	46 SF	9' - 0"	30' - 0"
LIVING	307 SF	11' - 10"	70' - 6"
PANTRY	20 SF	9' - 0"	18' - 0"
UTILITY-1	8 SF	9' - 0"	11' - 4"
WALK-WAY	62 SF	9' - 0"	39' - 2"

WALL PATTERN

WALL TYPE

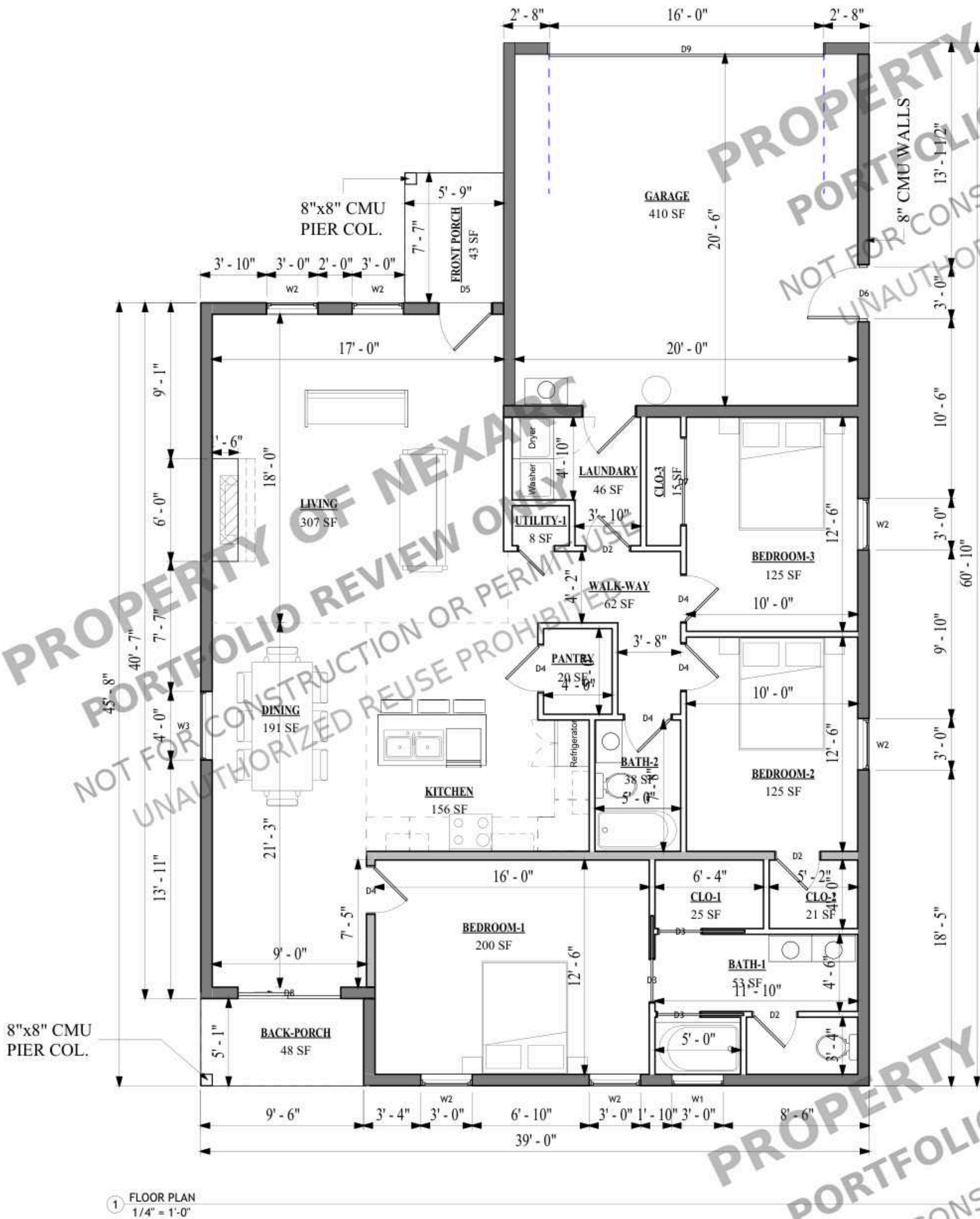
8" CMU WALL

2x6 STUD WALL

2x4 STUD WALL

WALL-LEGEND

1/2" = 1'-0"



CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
FLOOR PLAN

Project number
Date
Drawn by
Checked by

Project Number
Issue Date
ABD
AMR

A1

Scale
As indicated

GENERAL NOTES:

- ROOF PLAN IS FOR GENERAL LAYOUT AND SLOPE INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO CONSTRUCTION.
- ALL ROOF WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE– 8TH EDITION (2023) AND ALL LOCAL JURISDICTION REQUIREMENTS.
- ROOF STRUCTURE SHALL BE DESIGNED TO RESIST FLORIDA DESIGN WIND LOADS PER ASCE 7 AS ADOPTED BY THE FLORIDA BUILDING CODE.
- PROVIDE CONTINUOUS LOAD PATH FROM ROOF TO FOUNDATION USING APPROVED CONNECTORS, STRAPS, AND ANCHORS.
- ROOF SLOPES, OVERHANGS, AND EAVE CONDITIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF ROOFING MATERIALS.
- ROOFING MATERIALS SHALL BE APPROVED FOR USE IN FLORIDA AND SHALL HAVE A VALID FLORIDA PRODUCT APPROVAL OR MIAMI-DADE NOA, AS APPLICABLE.
- INSTALL ROOF COVERING, UNDERLAYMENT, FLASHING, AND FASTENERS IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
- ALL ROOF FASTENING SHALL MEET UPLIFT AND WIND RESISTANCE REQUIREMENTS FOR THE PROJECT LOCATION AND EXPOSURE CATEGORY.
- SECONDARY WATER BARRIER SHALL BE PROVIDED WHERE REQUIRED BY THE FLORIDA BUILDING CODE.
- ROOF UNDERLAYMENT SHALL BE SELF-ADHERED OR MECHANICALLY FASTENED AS REQUIRED BY CODE AND PRODUCT APPROVAL.
- PROVIDE ADEQUATE ROOF DRAINAGE SYSTEMS INCLUDING GUTTERS, DOWNSPOUTS, OR SCUPPERS WHERE APPLICABLE.
- ALL FLASHINGS SHALL BE CORROSION-RESISTANT AND INSTALLED AT ROOF PENETRATIONS, VALLEYS, EAVES, RIDGES, WALL INTERSECTIONS, AND CHIMNEYS.
- ROOF PENETRATIONS FOR VENTS, MECHANICAL EQUIPMENT, OR UTILITIES SHALL BE PROPERLY SEALED AND FLASHED TO MAINTAIN WEATHER TIGHTNESS.
- ATTIC VENTILATION SHALL COMPLY WITH FLORIDA BUILDING CODE REQUIREMENTS FOR MINIMUM NET FREE VENT AREA.
- ROOF INSULATION SHALL COMPLY WITH THE FLORIDA ENERGY CONSERVATION CODE (2023) FOR CLIMATE ZONE 2.
- NO FIELD MODIFICATIONS TO ROOF STRUCTURE OR SLOPES SHALL BE MADE WITHOUT WRITTEN APPROVAL FROM THE DESIGN PROFESSIONAL AND AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR SHALL COORDINATE ROOF WORK WITH STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING TRADES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY WEATHER PROTECTION OF THE STRUCTURE DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB-SITE SAFETY AND COMPLIANCE WITH OSHA AND ALL APPLICABLE SAFETY REGULATIONS.
- THE DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, SEQUENCES, OR SAFETY PROCEDURES.
- ANY DISCREPANCIES BETWEEN ROOF PLAN, STRUCTURAL DRAWINGS, AND PRODUCT APPROVALS SHALL BE REPORTED PRIOR TO INSTALLATION.
- ALL WORK SHALL BE COMPLETED IN A NEAT, WORKMANLIKE MANNER CONSISTENT WITH INDUSTRY STANDARDS.

Room-Area-Schedule			
Name	Area	Ceiling Height	Perimeter
BACK-PORCH	48 SF	10' - 6"	29' - 2"
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Door-Schedule					
Mark	Family	Width	Height	Count	
D1	Door-Interior-Single-2_Panel-Wood	2' - 0"	6' - 8"	1	
D2	Door-Interior-Single-2_Panel-Wood	2' - 6"	6' - 8"	3	
D3	Door-Interior-Single-Pocket-2_Panel-Wood	2' - 6"	6' - 8"	3	
D4	Door-Interior-Single-2_Panel-Wood	2' - 8"	6' - 8"	5	
D5	Door-Exterior-Single-Entry-Half Arch Glass-Wood_Clad	3' - 0"	6' - 8"	2	
D6	Door-Exterior-Single-Two_Lite	3' - 0"	6' - 8"	1	
D7	Door-Interior-Double-Sliding-2_Panel-Wood	5' - 0"	6' - 8"	1	
D8	Door-Double-Sliding	6' - 0"	6' - 8"	1	
D9	Door-Garage-Embossed_Panel	16' - 0"	7' - 0"	1	

Window-Schedule					
Mark	Family	Width	Height	Sill Height	Count
W1	Window-Fixed	3' - 0"	1' - 0"	6' - 0"	1
W2	Window-Single-Hung	3' - 0"	5' - 2"	3' - 0"	6
W3	Window-Fixed	4' - 0"	5' - 0"	3' - 0"	1



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NOTES:

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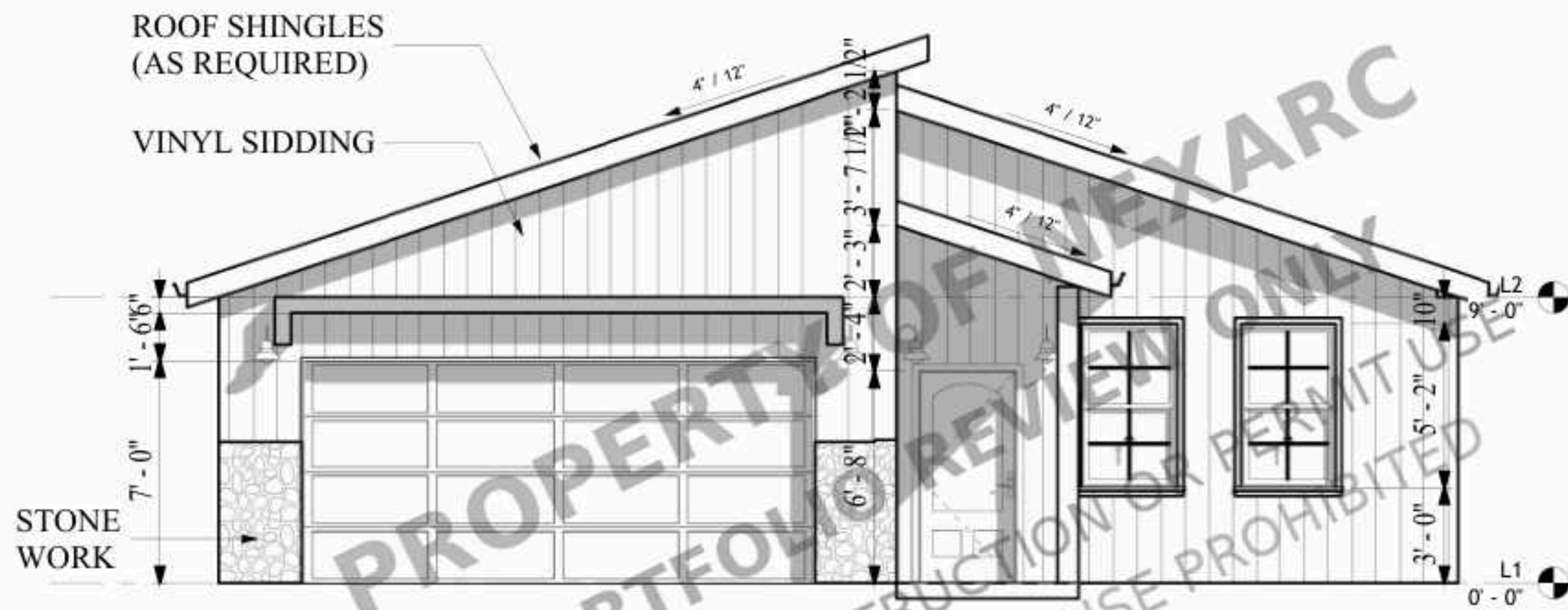
DRAWING NAME
ROOF PLAN &
SCHEDULES

Project number
Date
Drawn by
Checked by

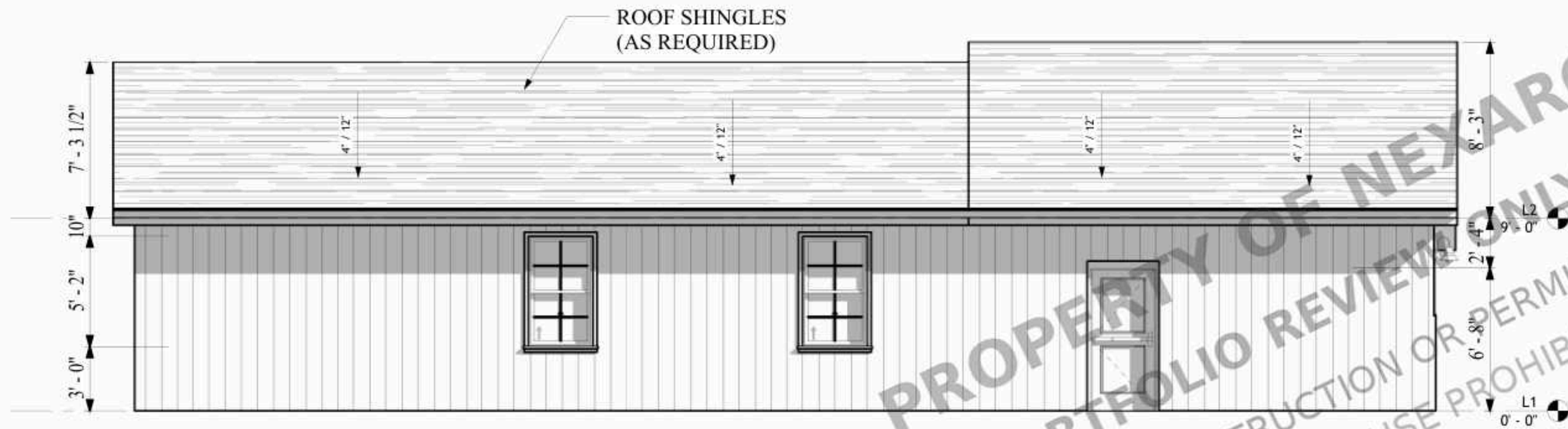
Project Number
Issue Date
ABD
AMR

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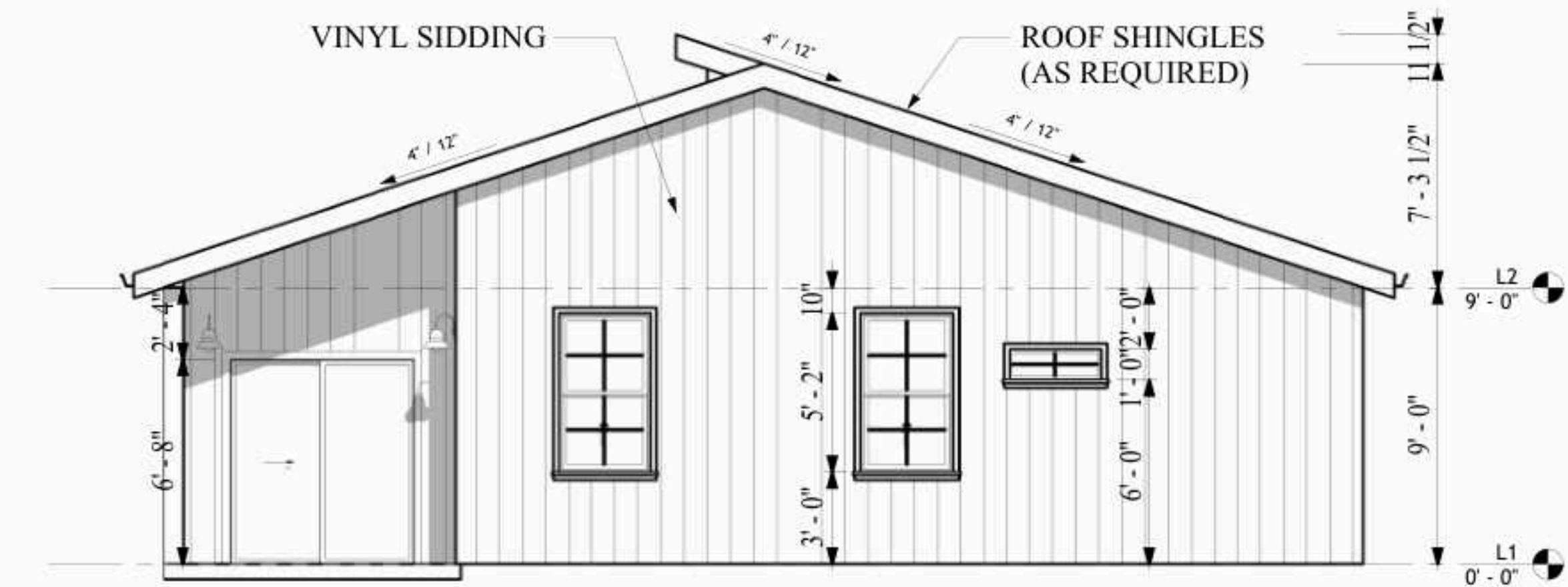
Scale
1/4" = 1'-0"



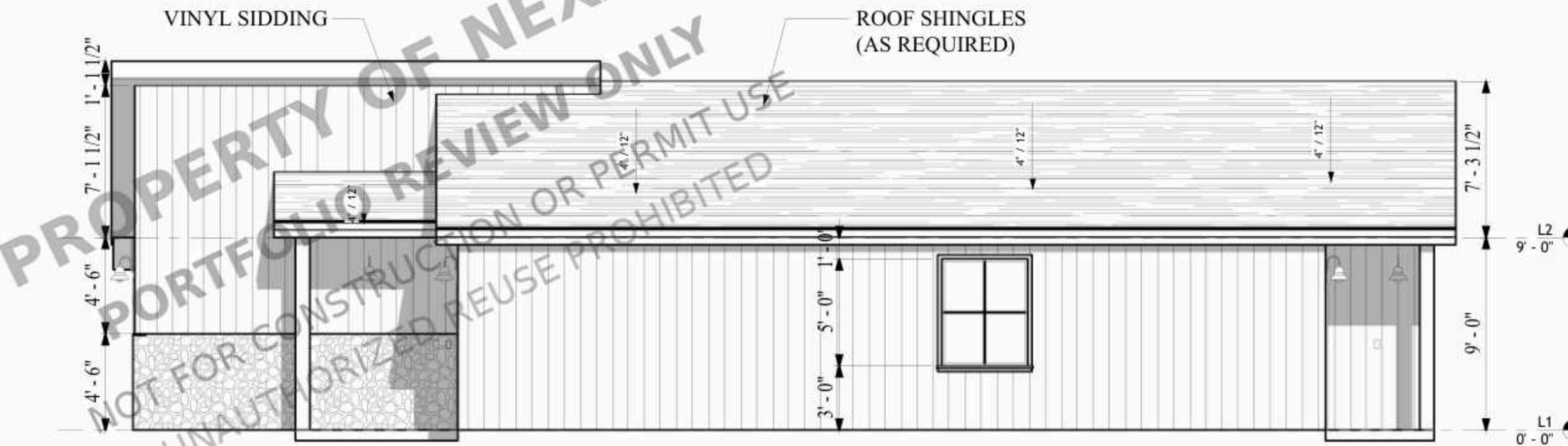
2 North Architectural Building Elevation
1/4" = 1'-0"



1 East Architectural Building Elevation
1/4" = 1'-0"



3 South Architectural Building Elevation
1/4" = 1'-0"



4 West Architectural Building Elevation
1/4" = 1'-0"

GENERAL NOTES:

- DO NOT SCALE DRAWINGS; WRITTEN DIMENSIONS SHALL GOVERN
- EXTERIOR WALLS SHALL BE CONCRETE MASONRY UNITS (CMU) UNLESS NOTED OTHERWISE
- INTERIOR WALLS SHALL BE WOOD-FRAMED CONSTRUCTION
- ALL CMU WALLS SHALL BE CONSTRUCTED WITH REINFORCEMENT AND GROUT AS PER STRUCTURAL DRAWINGS
- EXTERIOR FINISHES SHALL BE APPLIED OVER CMU IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS
- FINISHED FLOOR ELEVATIONS AND GRADE ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR
- CONTRACTOR SHALL VERIFY ROOF ELEVATIONS, OVERHANGS, AND SLOPES PRIOR TO INSTALLATION
- ALL DOORS AND WINDOWS SHOWN SHALL COMPLY WITH FLORIDA BUILDING CODE AND LOCAL WIND LOAD REQUIREMENTS
- WINDOW AND DOOR OPENINGS SHALL MATCH APPROVED SHOP DRAWINGS
- ALL FLASHING, SEALANTS, AND WEATHERPROOFING SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS
- EXTERIOR TRIMS, FASCIAS, AND SOFFITS SHALL BE INSTALLED PER APPROVED DETAILS
- ROOF DRAINAGE SHALL DIRECT WATER AWAY FROM STRUCTURE AND FOUNDATION
- CONTRACTOR SHALL COORDINATE ALL TRADES TO AVOID CONFLICTS BETWEEN ARCHITECTURAL, STRUCTURAL, AND MEP SYSTEMS
- ANY DISCREPANCIES OR OMISSIONS SHALL BE REPORTED TO THE DESIGN PROFESSIONAL PRIOR TO CONSTRUCTION
- CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, AND SAFETY DURING CONSTRUCTION
- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, AND INSPECTION REQUIREMENTS
- NO DEVIATIONS FROM APPROVED PLANS ARE PERMITTED WITHOUT WRITTEN APPROVAL FROM THE DESIGN PROFESSIONAL
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY SUPPORTS AND PROTECTION OF EXISTING CONDITIONS
- OWNER AND CONTRACTOR SHALL VERIFY ALL PROPERTY SETBACKS AND HEIGHT LIMITATIONS
- FINAL EXTERIOR APPEARANCE SHALL COMPLY WITH LOCAL ZONING AND DESIGN REQUIREMENTS

BUILDING AREA DESCRIPTION

- FIRST FLOOR LIVING AREA: 1390 SQFT
- GARAGE: 410 SQFT
- FRONT PORCH: 43 SQFT
- BACK PORCH: 45 SQFT
- TOTAL BUILDING AREA: **1888 SQFT**

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
ELEVATIONS

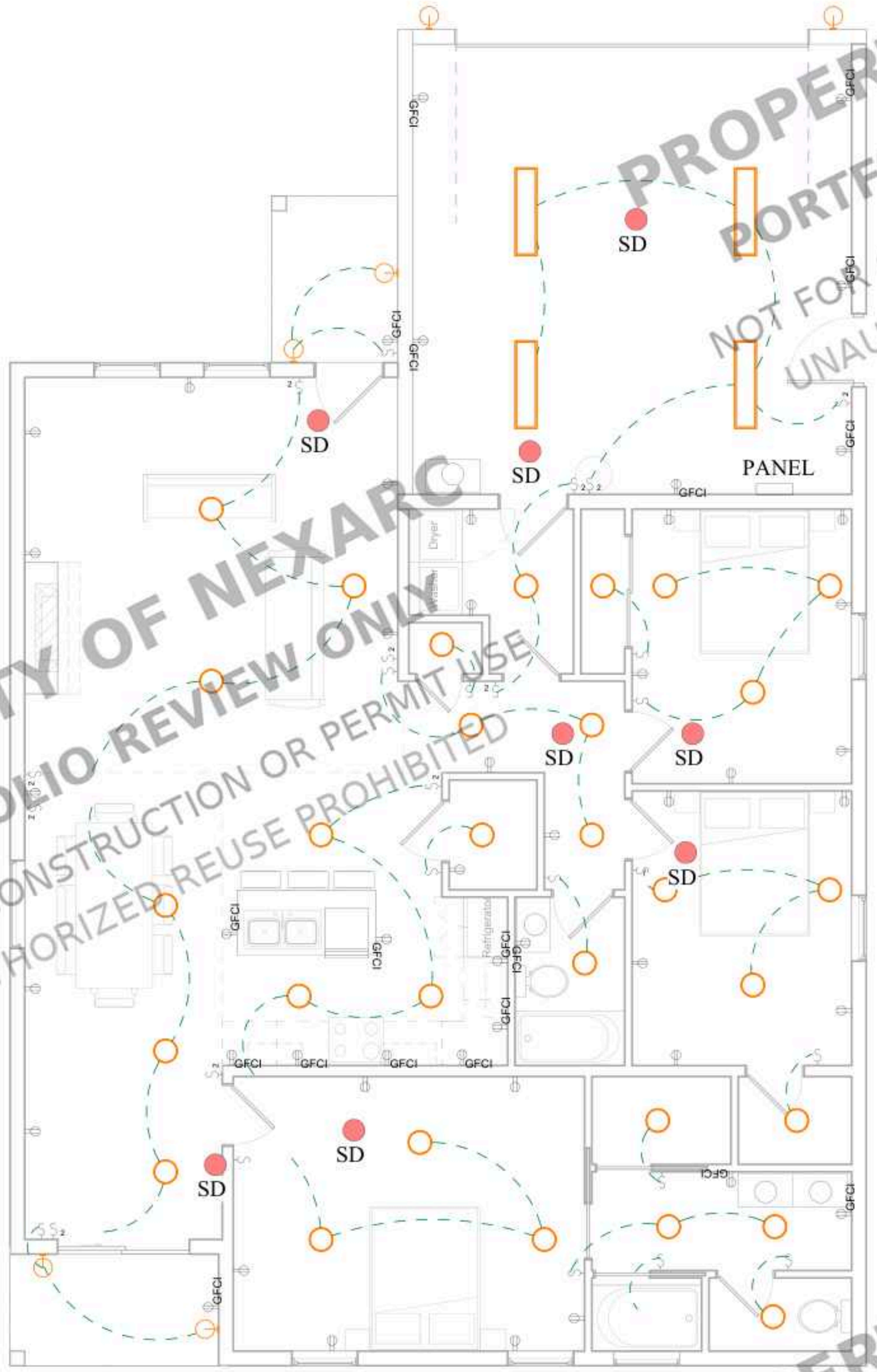
Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR
A3	
Scale	1/4" = 1'-0"

ELECTRICAL NOTES:

- ALL ELECTRICAL WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE- ELECTRICAL, 8TH EDITION (2023).
- ELECTRICAL INSTALLATIONS SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC) 2020 (NFPA 70) AS ADOPTED BY THE STATE OF FLORIDA.
- ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR AND SHALL BE SUBJECT TO INSPECTION BY THE AUTHORITY HAVING JURISDICTION.
- THE ELECTRICAL PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO SHOW GENERAL LOCATIONS AND CIRCUITRY ONLY. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO INSTALLATION.
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS AND NOTES SHALL GOVERN.
- THE CONTRACTOR SHALL COORDINATE ALL ELECTRICAL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND PLUMBING DRAWINGS.
- ANY DISCREPANCIES, CONFLICTS, OR OMISSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND AHJ PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL VERIFY SERVICE SIZE, AVAILABLE FAULT CURRENT, AND PANEL CAPACITY PRIOR TO INSTALLATION OF NEW LOADS.
- ALL PANELS SHALL BE LABELED, PROVIDED WITH A DIRECTORY, AND INSTALLED WITH REQUIRED WORKING CLEARANCES PER NEC ARTICLE 110.
- PROVIDE ARC-FAULT CIRCUIT INTERRUPTION (AFCI) AND GROUND-FAULT CIRCUIT INTERRUPTION (GFCI) PROTECTION WHERE REQUIRED BY THE NEC AND FBC.
- ALL RECEPTACLES SHALL BE TAMPER-RESISTANT AND WEATHER-RESISTANT WHERE REQUIRED BY CODE.
- KITCHEN, BATHROOM, LAUNDRY, GARAGE, AND EXTERIOR OUTLETS SHALL COMPLY WITH APPLICABLE NEC GFCI REQUIREMENTS.
- SMOKE ALARMS AND CARBON MONOXIDE ALARMS SHALL BE PROVIDED AT LOCATIONS REQUIRED BY FBC-R AND NEC, AND SHALL BE HARD-WIRED WITH BATTERY BACKUP WHERE REQUIRED.
- ALL LIGHTING FIXTURES SHALL COMPLY WITH THE FLORIDA BUILDING CODE- ENERGY CONSERVATION (2023), INCLUDING HIGH-EFFICACY LIGHTING REQUIREMENTS.
- EXTERIOR LIGHTING SHALL BE RATED FOR WET OR DAMP LOCATIONS AND INSTALLED PER MANUFACTURER REQUIREMENTS.
- ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE UL-LISTED OR APPROVED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL).
- CONDUCTORS, CONDUITS, AND CONNECTIONS SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH NEC REQUIREMENTS.
- GROUNDING AND BONDING SHALL COMPLY WITH NEC ARTICLE 250.
- PENETRATIONS THROUGH WALLS, FLOORS, AND SLABS SHALL BE SEALED AND FIRESTOPPED AS REQUIRED BY CODE.
- NO SUBSTITUTIONS OR FIELD MODIFICATIONS SHALL BE MADE WITHOUT APPROVAL FROM THE DESIGN PROFESSIONAL AND AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, SEQUENCES, AND JOB-SITE SAFETY IN ACCORDANCE WITH OSHA REQUIREMENTS.
- THE DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR INSTALLATION MEANS, METHODS, OR JOB-SITE SAFETY.
- ALL WORK SHALL BE COMPLETED IN A NEAT AND WORKMANLIKE MANNER CONSISTENT WITH INDUSTRY STANDARDS.

ELECTRICAL LEGEND (S.D)

	SWITCH
	DIMMER/ VACANCY CONTROL
	DUPLEX RECEPTACLE OUTLET
	GFI DUPLEX RECEPTACLE OUTLET
	DOWNLIGHT ROUND LED
	WALL MOUNTED LAMP LIGHT
	SMOKE DETECTORS



1 ELECTRICAL PLAN
1/4" = 1'-0"

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
ELECTRICAL PLAN

Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR

E1

Scale	1/4" = 1'-0"
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ELECTRICAL NOTES:

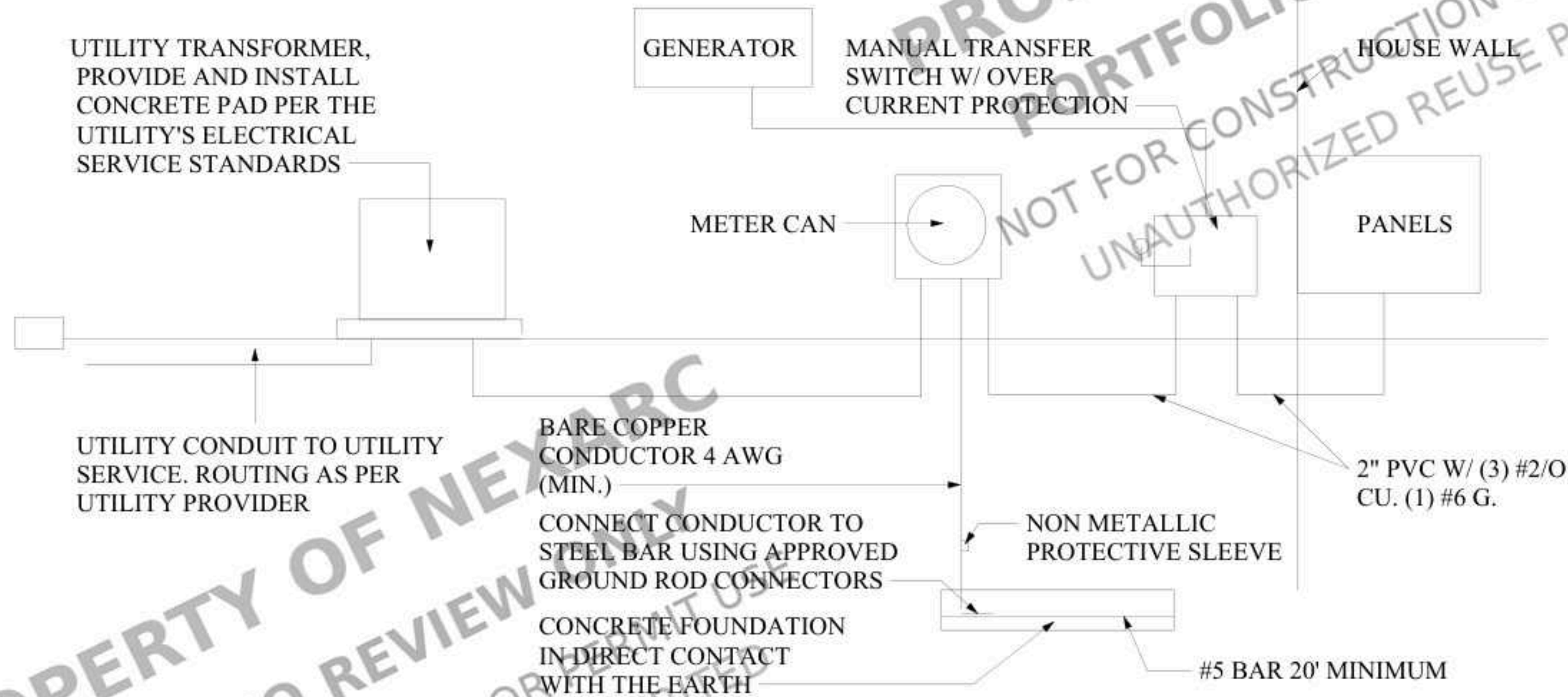
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- ALL WORK SHALL BE COMPLETED IN A NEAT AND WORKMANLIKE MANNER CONSISTENT WITH INDUSTRY STANDARDS.

ELECTRICAL LEGEND (S.D)

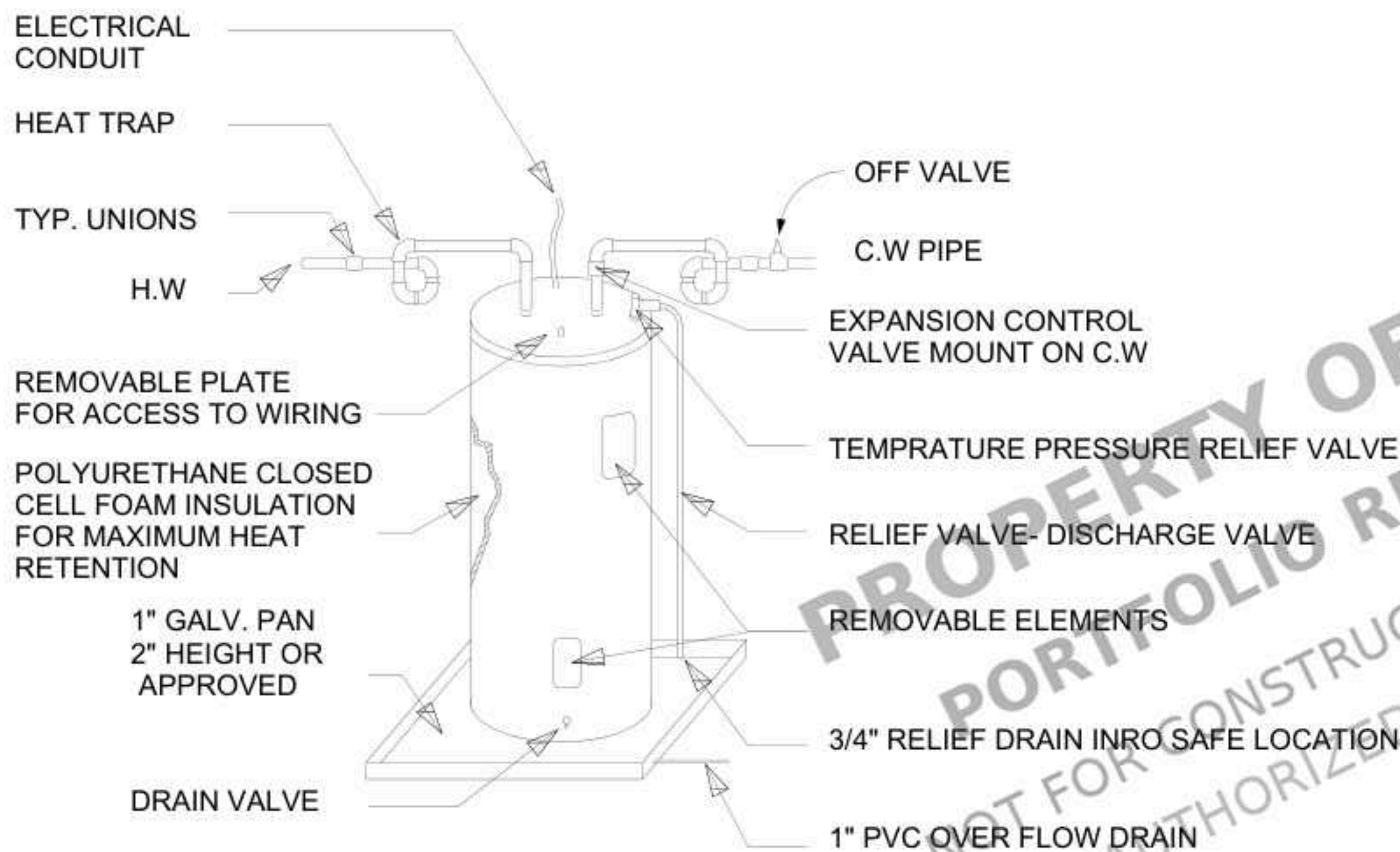
	SWITCH
	DIMMER/ VACANCY CONTROL
	DUPLEX RECEPTACLE OUTLET
	GFI DUPLEX RECEPTACLE OUTLET
	DOWNLIGHT ROUND LED
	WALL MOUNTED LAMP LIGHT
	SMOKE DETECTORS

PANEL-BOARD NOTES:

- SERVICE GROUND PER NEC ARTICLE 250.
- THE EXACT A/C RATING OF ALL SERVICE EQUIPMENT AND PANELBOARDS SHALL BE COORDINATED WITH THE POWER COMPANY'S AVAILABLE FAULT CURRENT AND ADJUSTED ACCORDINGLY.
- ALL MULTI-CIRCUIT HOMERUNS SHALL BE PROTECTED WITH MULTI-POLE, SIMULTANEOUS-TRIP CIRCUIT BREAKERS PER N.E.C. 210.48.
- COMPLETE AFCI PROTECTION IS REQUIRED FOR ALL CIRCUITS, PER 2020 NEC.



ELECTRICAL LINE DIAGRAM



WATER HEATER

2 WH
1" = 1'-0"

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
ELECTRICAL DWG

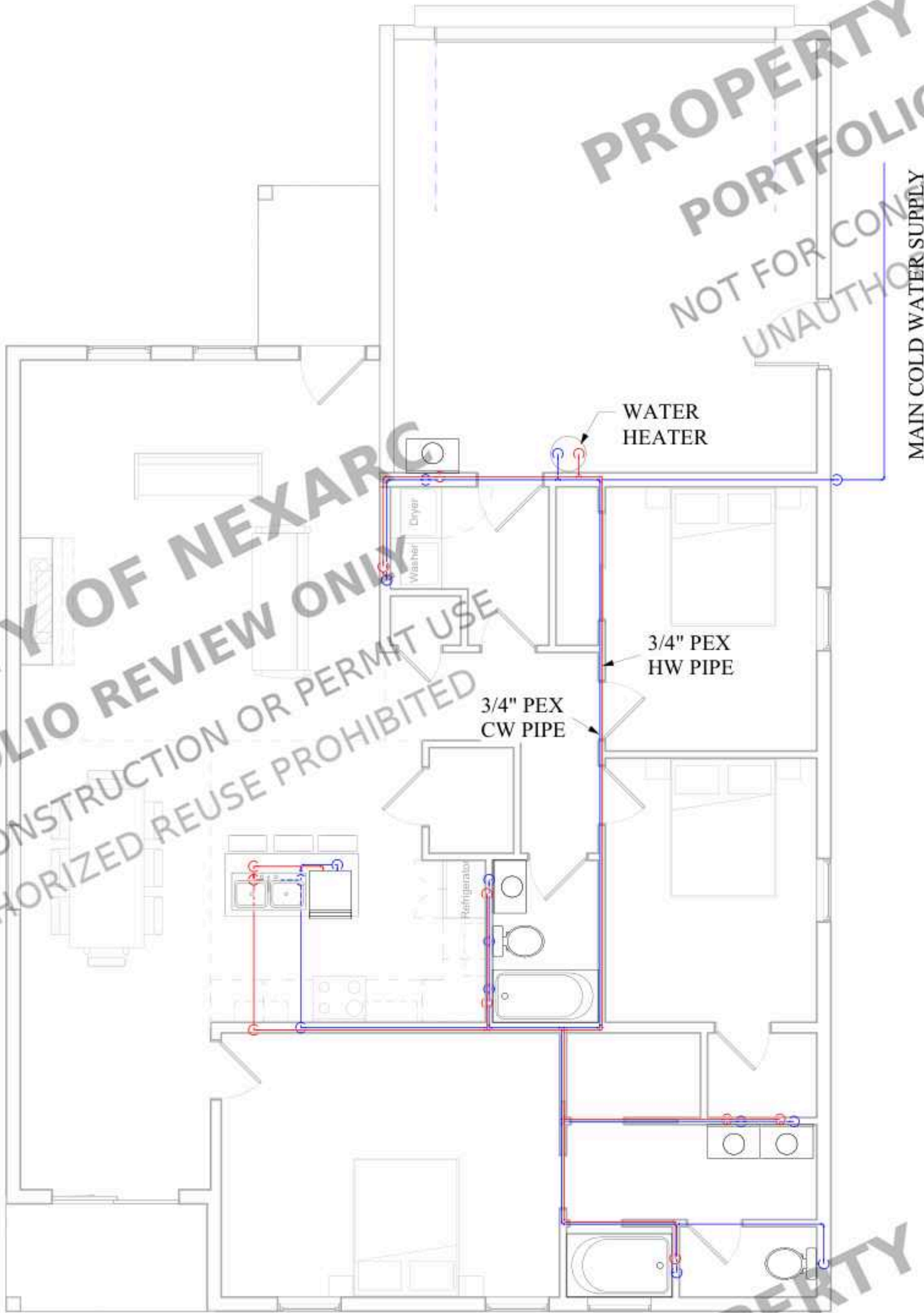
Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR

E2

Scale As indicated

PLUMBING NOTES:

- ALL PLUMBING WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE – PLUMBING, 8TH EDITION (2023).
- PLUMBING INSTALLATIONS SHALL COMPLY WITH ALL APPLICABLE LOCAL AND STATE REGULATIONS HAVING JURISDICTION.
- ALL PLUMBING WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR AND SUBJECT TO INSPECTION BY THE AUTHORITY HAVING JURISDICTION.
- THE PLUMBING PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO SHOW GENERAL FIXTURE AND PIPE LOCATIONS ONLY. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO INSTALLATION.
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS AND NOTES SHALL GOVERN.
- CONTRACTOR SHALL COORDINATE PLUMBING INSTALLATION WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.
- ANY DISCREPANCIES, CONFLICTS, OR OMISSIONS SHALL BE REPORTED TO THE DESIGN PROFESSIONAL AND AHJ PRIOR TO INSTALLATION.
- ALL MATERIALS, FITTINGS, AND FIXTURES SHALL BE NEW, APPROVED, AND LISTED FOR THEIR INTENDED USE.
- WATER SUPPLY AND DISTRIBUTION SHALL COMPLY WITH FBC-PLUMBING CHAPTER 6, INCLUDING REQUIRED PRESSURE, PIPE SIZING, AND VALVING.
- PROVIDE ACCESSIBLE SHUTOFF VALVES FOR ALL FIXTURES AND APPLIANCES WHERE REQUIRED BY CODE.
- DRAINAGE, WASTE, AND VENT SYSTEMS SHALL COMPLY WITH FBC-PLUMBING CHAPTERS 7 AND 9.
- PROVIDE CLEANOUTS AT LOCATIONS REQUIRED BY CODE AND AS NECESSARY FOR MAINTENANCE.
- ALL VENTS SHALL TERMINATE TO THE EXTERIOR IN ACCORDANCE WITH CODE REQUIREMENTS.
- SANITARY DRAIN AND VENT PIPING SHALL BE SLOPED AND SUPPORTED PER CODE.
- PENETRATIONS THROUGH SLABS, WALLS, AND ROOFS SHALL BE SEALED AND FLASHED TO MAINTAIN STRUCTURAL INTEGRITY AND WEATHER RESISTANCE.
- TRAPS SHALL BE PROVIDED FOR ALL FIXTURES AND SHALL BE PROTECTED AGAINST SIPHONAGE IN ACCORDANCE WITH CODE.
- WATER HEATERS SHALL BE INSTALLED IN ACCORDANCE WITH FBC-PLUMBING AND FBC-ENERGY, INCLUDING TEMPERATURE AND PRESSURE RELIEF VALVES AND DISCHARGE PIPING.
- PROVIDE PAN, DRAIN, AND SECONDARY PROTECTION FOR WATER HEATERS WHERE REQUIRED BY CODE.
- BACKFLOW PREVENTION SHALL BE PROVIDED WHERE REQUIRED IN ACCORDANCE WITH FBC-PLUMBING SECTION 608.
- FIXTURES SHALL BE WATER-EFFICIENT AND COMPLY WITH FBC-PLUMBING AND FBC-ENERGY REQUIREMENTS.
- ROOF DRAINS, OVERFLOW DRAINS, AND STORM DRAINAGE COMPONENTS SHALL BE INSTALLED WHERE APPLICABLE AND COORDINATED WITH ROOF AND SITE PLANS.
- NO FIELD MODIFICATIONS OR MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT APPROVAL FROM THE DESIGN PROFESSIONAL AND AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, SEQUENCES, AND JOB-SITE SAFETY IN ACCORDANCE WITH OSHA REQUIREMENTS.
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1 PLUMBING PLAN (CW & HW)
1/4" = 1'-0"

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
PLUMBING PLAN
(CW & HW)

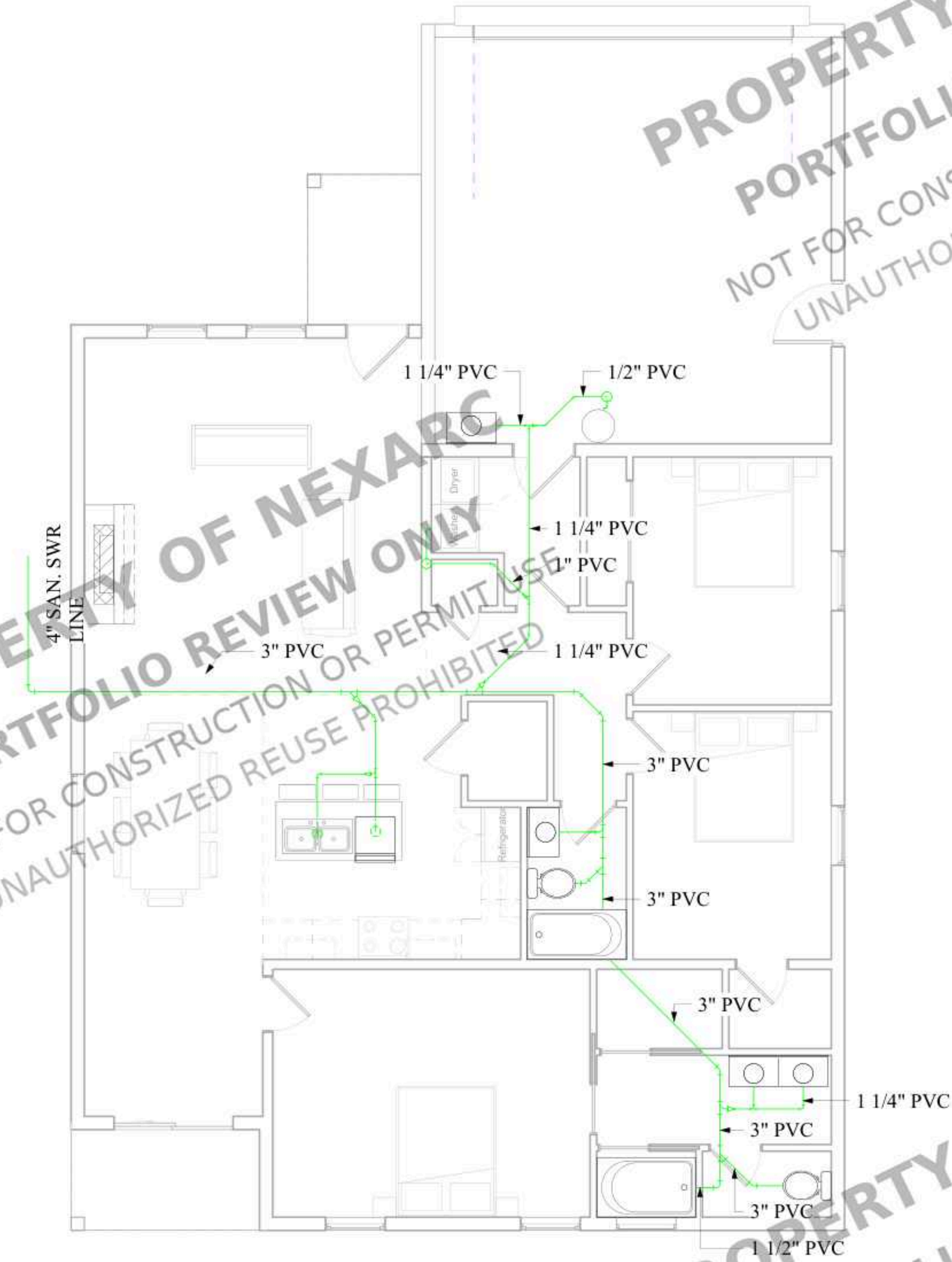
Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR

P1

Scale	1/4" = 1'-0"
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PLUMBING NOTES:

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- ALL VENTS SHALL TERMINATE TO THE EXTERIOR IN ACCORDANCE WITH CODE REQUIREMENTS.
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- ROOF DRAINS, OVERFLOW DRAINS, AND STORM DRAINAGE COMPONENTS SHALL BE INSTALLED WHERE APPLICABLE AND COORDINATED WITH ROOF AND SITE PLANS.
- NO FIELD MODIFICATIONS OR MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT APPROVAL FROM THE DESIGN PROFESSIONAL AND AUTHORITY HAVING JURISDICTION.
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- ALL WORK SHALL BE COMPLETED IN A NEAT AND WORKMANLIKE MANNER CONSISTENT WITH INDUSTRY STANDARDS.



1 PLUMBING PLAN (SANITARY)
1/4" = 1'-0"

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
PLUMBING PLAN
(SANITARY)

Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR

P2

Scale	1/4" = 1'-0"
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HVAC NOTES:

- ALL HVAC WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE- MECHANICAL, 8TH EDITION (2023).
- ENERGY PERFORMANCE SHALL COMPLY WITH THE FLORIDA BUILDING CODE- ENERGY CONSERVATION (2023).
- HVAC DESIGN, EQUIPMENT SIZING, AND AIR DISTRIBUTION SHALL BE BASED ON ACCA MANUAL J (LOAD CALCULATIONS), MANUAL S (EQUIPMENT SELECTION), AND MANUAL D (DUCT DESIGN), AS REQUIRED BY CODE.
- HVAC SYSTEMS SHALL BE INSTALLED BY A LICENSED MECHANICAL CONTRACTOR AND SUBJECT TO INSPECTION BY THE AUTHORITY HAVING JURISDICTION.
- THE HVAC PLAN IS DIAGRAMMATIC AND INTENDED TO SHOW GENERAL LOCATIONS ONLY. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO INSTALLATION.
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS AND NOTES SHALL GOVERN.
- CONTRACTOR SHALL COORDINATE HVAC INSTALLATION WITH STRUCTURAL, ELECTRICAL, AND PLUMBING DRAWINGS.
- ANY DISCREPANCIES, CONFLICTS, OR OMISSIONS SHALL BE REPORTED TO THE DESIGN PROFESSIONAL AND AHJ PRIOR TO INSTALLATION.
- HVAC EQUIPMENT SHALL BE SIZED AND INSTALLED TO PROVIDE ADEQUATE HEATING, COOLING, AND DEHUMIDIFICATION FOR FLORIDA CLIMATE ZONE 2A (HOT-HUMID).
- ALL HVAC EQUIPMENT SHALL MEET MINIMUM SEER2 / EER2 / HSPF2 EFFICIENCY REQUIREMENTS AS REQUIRED BY FBC-ENERGY.
- PROVIDE ADEQUATE CLEARANCES AROUND ALL MECHANICAL EQUIPMENT FOR SERVICE, MAINTENANCE, AND REPLACEMENT.
- ALL DUCTWORK SHALL BE SEALED, INSULATED, AND INSTALLED IN ACCORDANCE WITH FBC-MECHANICAL AND FBC-ENERGY REQUIREMENTS.
- FLEXIBLE DUCTS SHALL BE INSTALLED TAUT AND SUPPORTED TO PREVENT SAGGING AND RESTRICTION OF AIRFLOW.
- PROVIDE RETURN AIR PATHS FOR ALL HABITABLE ROOMS IN ACCORDANCE WITH CODE REQUIREMENTS.
- CONDENSATE DRAINS SHALL BE INSTALLED WITH PROPER SLOPE, TRAPS, AND SECONDARY OVERFLOW PROTECTION AS REQUIRED BY FBC-MECHANICAL.
- PROVIDE AUXILIARY DRAIN PAN AND FLOAT SWITCH WHERE REQUIRED.
- ALL PENETRATIONS THROUGH WALLS, FLOORS, AND ROOFS SHALL BE SEALED AND FLASHED TO MAINTAIN WEATHER AND AIR BARRIERS.
- OUTDOOR MECHANICAL EQUIPMENT SHALL BE INSTALLED ON APPROVED PADS OR STANDS AND ANCHORED TO RESIST WIND LOADS.
- PROVIDE MECHANICAL VENTILATION WHERE REQUIRED TO MAINTAIN INDOOR AIR QUALITY PER CODE.
- EXHAUST FANS FOR BATHROOMS, LAUNDRY ROOMS, AND KITCHENS SHALL BE DUCTED DIRECTLY TO THE EXTERIOR.
- ALL MECHANICAL EQUIPMENT AND MATERIALS SHALL BE UL-LISTED OR APPROVED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL).
- NO FIELD MODIFICATIONS OR SUBSTITUTIONS SHALL BE MADE WITHOUT APPROVAL FROM THE DESIGN PROFESSIONAL AND AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, INSTALLATION TECHNIQUES, AND JOB-SITE SAFETY IN ACCORDANCE WITH OSHA REQUIREMENTS.
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DRAINAGE

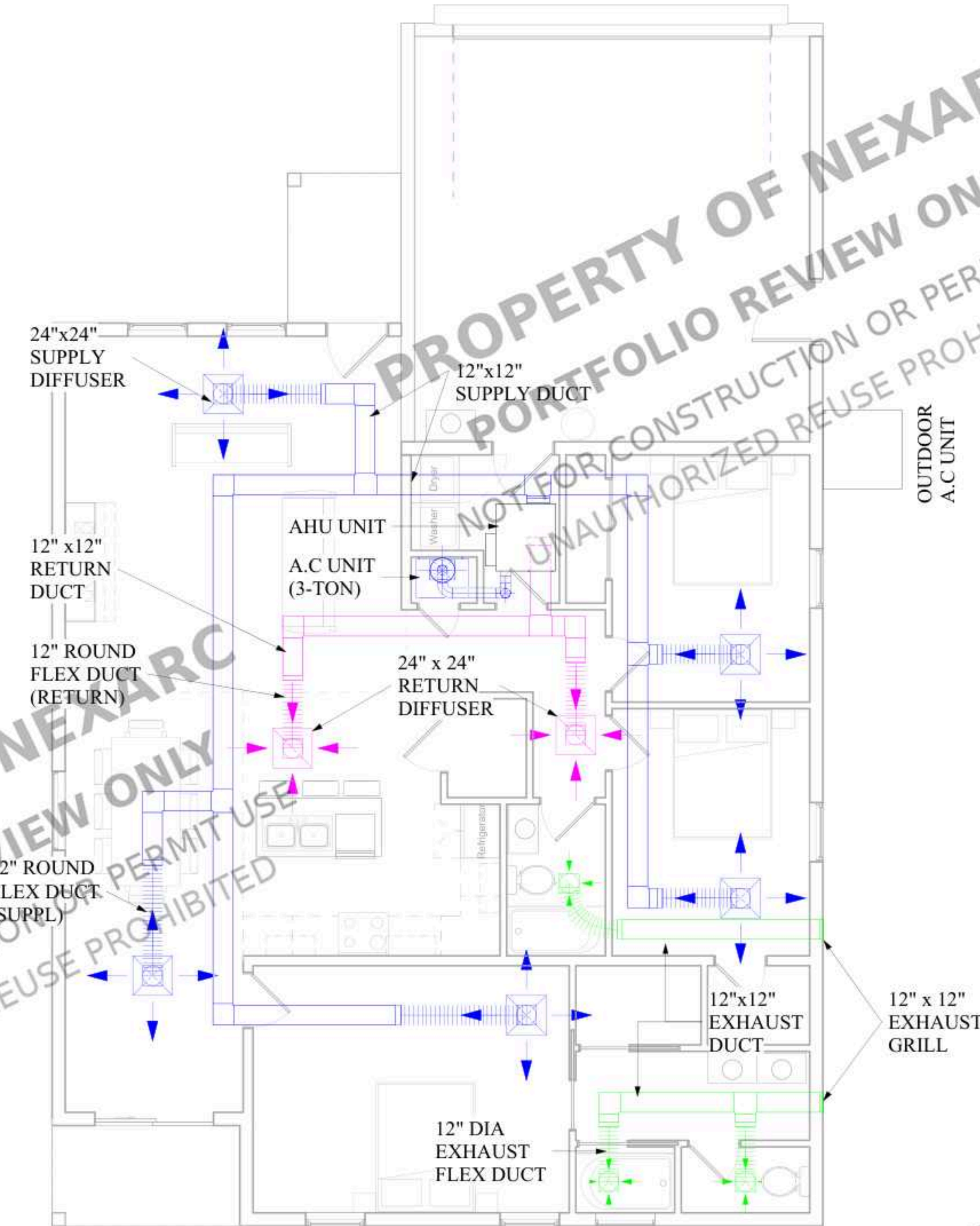
FIXTURES	DFU	TOTAL (QTY)	TOTAL DFU
KITCHEN SINK	2	1	2
VANITY	3	5	15
WATER CLOSET (FLUSH)	2	3	6
SHOWER	2	3	6
LAUNDRY	3	1	3
DISHWASHER	2	1	2
TOTAL DFU			34
MINIMUM BUILDING DRAIN PIPE DIA			3"
REFERENCE:			
• IRC-3004.1 (DRAINAGE FIXTURE UNIT)			
• IRC-3005.2 (BUILDING DRAIN PIPE SIZE)			

Color Scheme

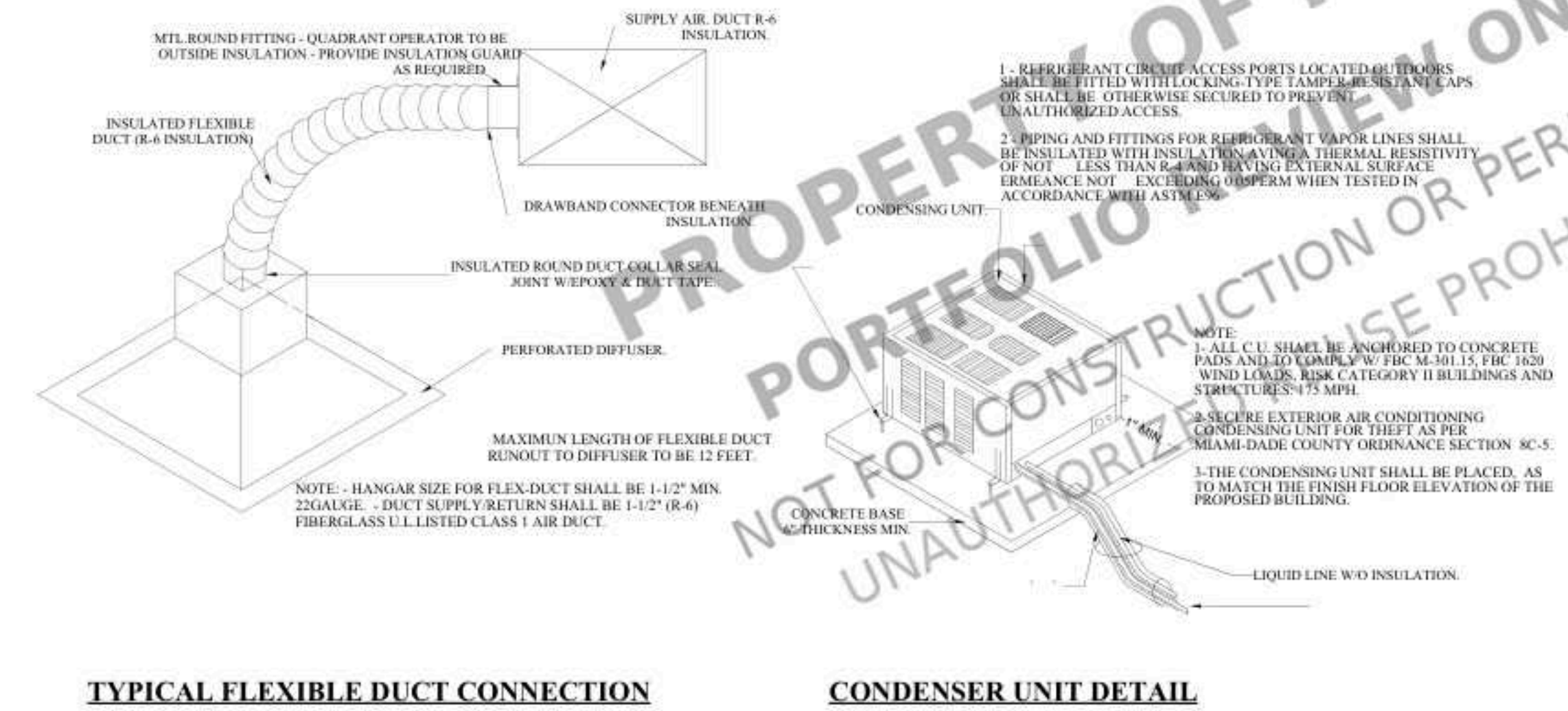
Blue	Supply Air
Pink	Return Air
Green	Return Vent Air

HVAC LEGEND

	Welded Tee
	Welded Pipe Transition
	PIPE RISER
	ELBOW
	Rectangular Duct
	TRANSITION DUCT
	EXHAUST VENT
	ROUND FLEX DUCT



MECHANICAL PLAN
1/4" = 1'-0"



TYPICAL FLEXIBLE DUCT CONNECTION

CONDENSER UNIT DETAIL

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
MECHANICAL PLAN

Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR
M1	
Scale	As indicated

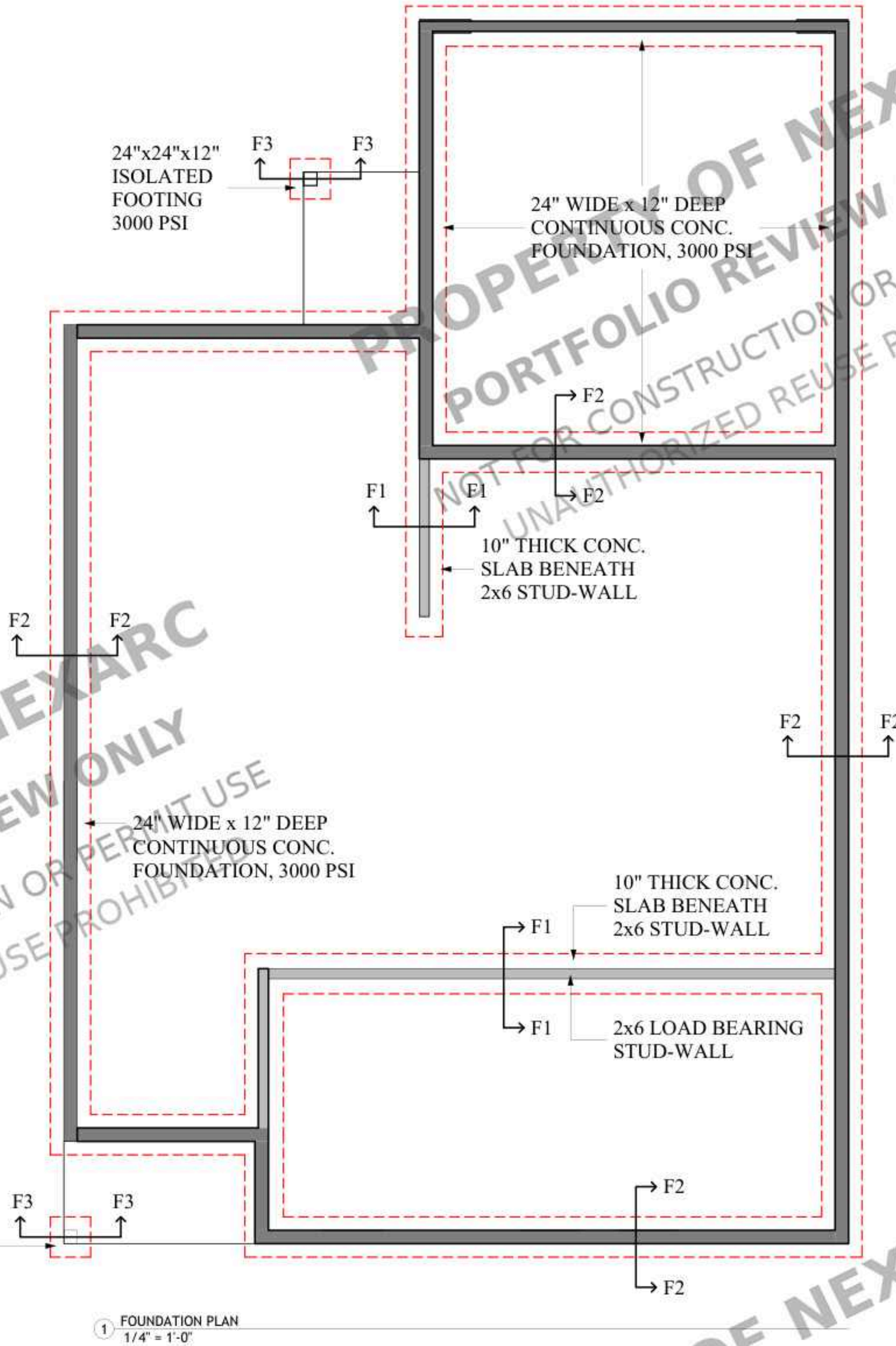
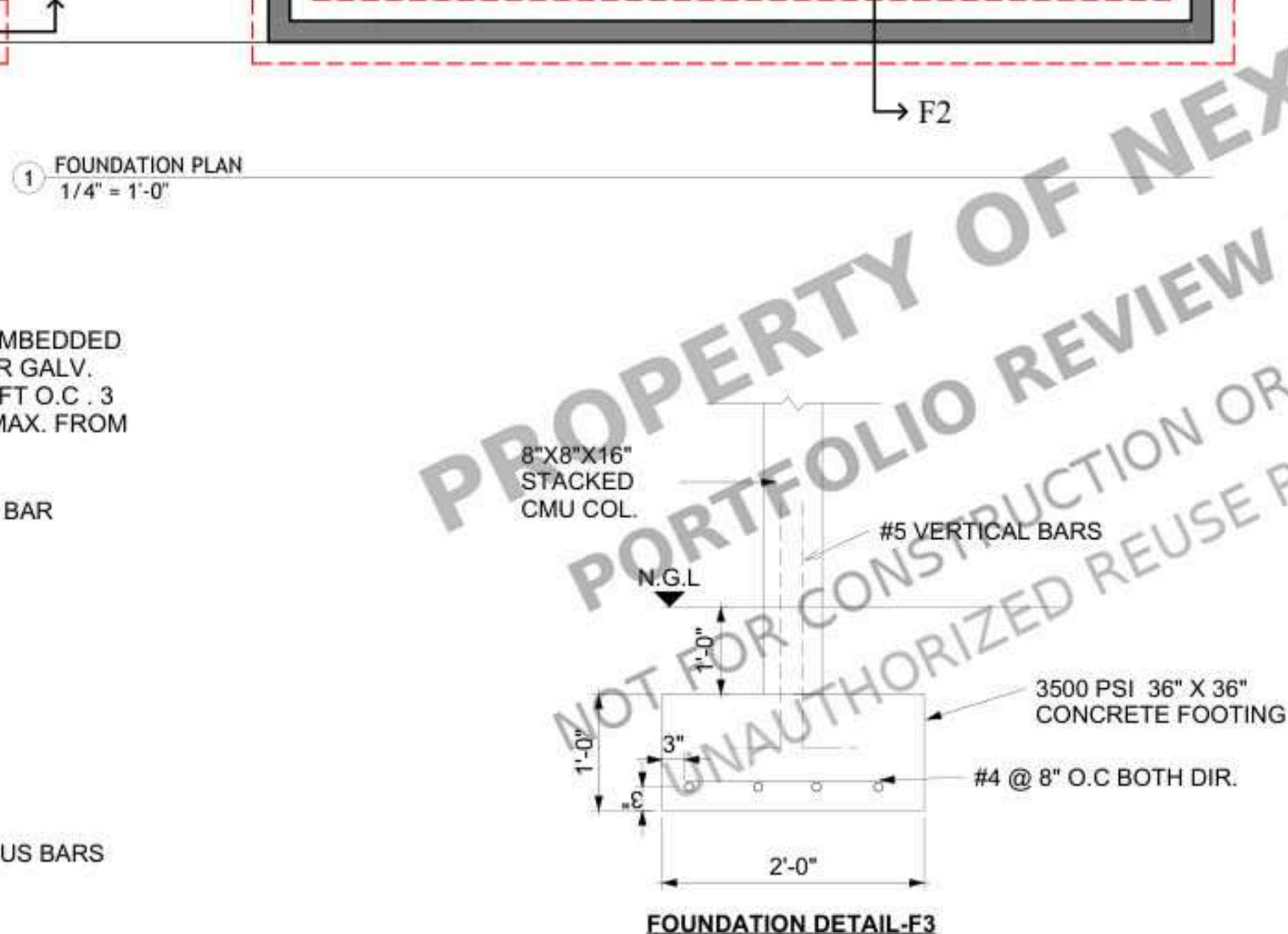
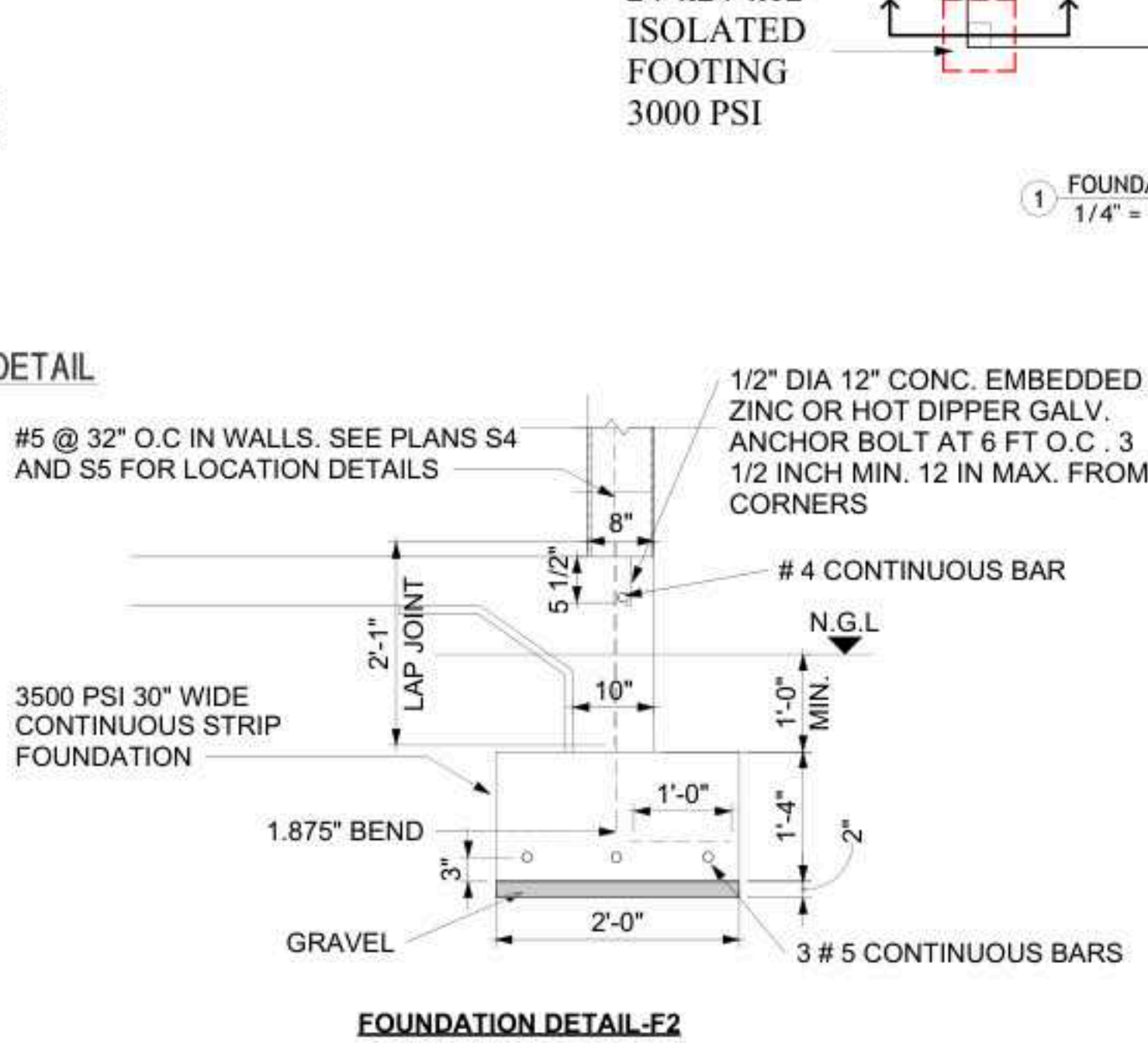
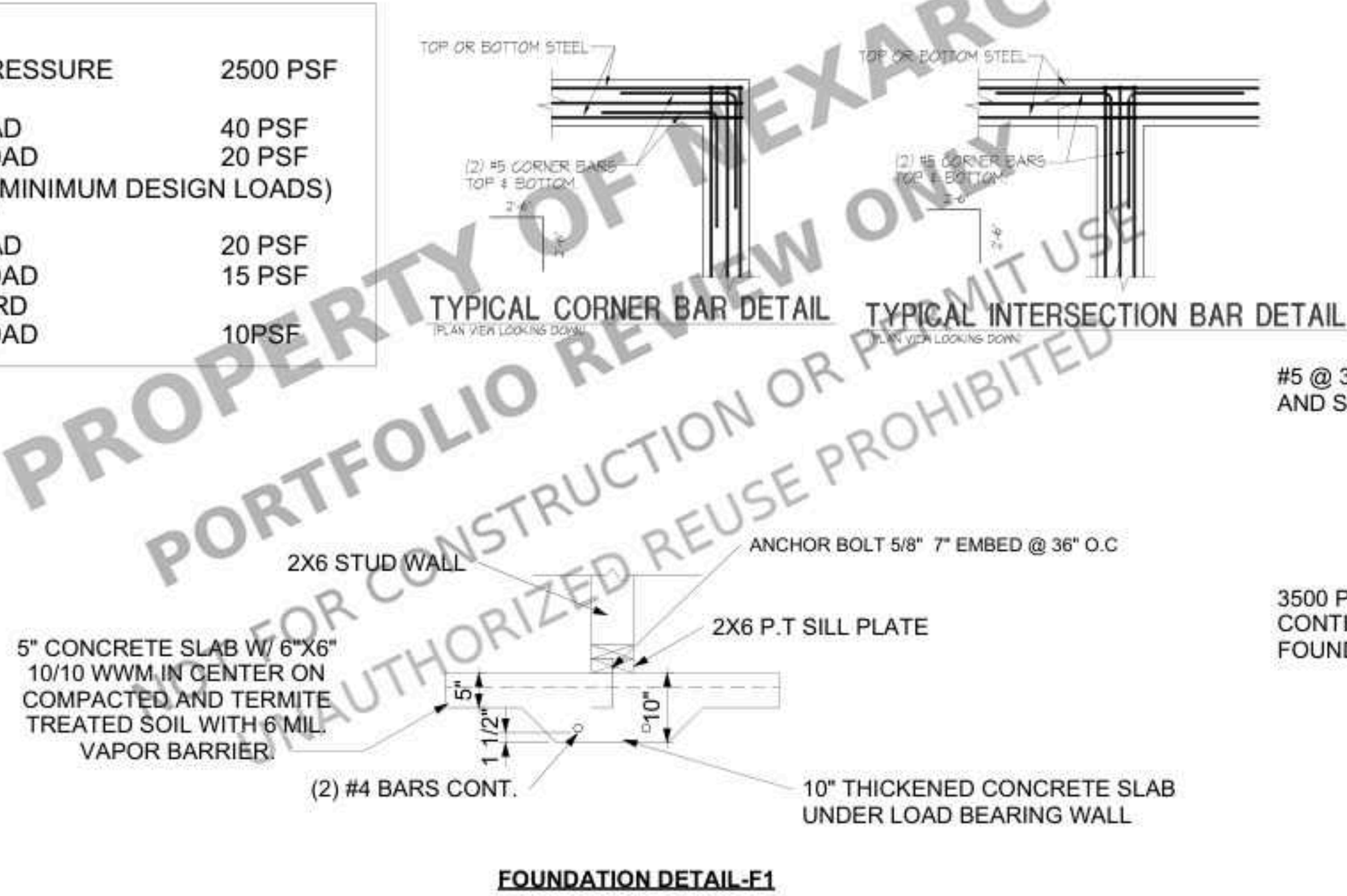
FOUNDATION NOTES:

- ALL FOUNDATION WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE- RESIDENTIAL, 8TH EDITION (2023) AND FLORIDA BUILDING CODE – BUILDING (2023) WHERE APPLICABLE.
- CONCRETE DESIGN AND CONSTRUCTION SHALL COMPLY WITH ACI 318-19, AS ADOPTED BY THE FLORIDA BUILDING CODE.
- SOILS BEARING CAPACITY SHALL BE VERIFIED PRIOR TO CONSTRUCTION. MINIMUM PRESUMPTIVE SOIL BEARING CAPACITY SHALL BE IN ACCORDANCE WITH FBC-R TABLE R401.4.1, UNLESS A GEOTECHNICAL REPORT INDICATES OTHERWISE.
- CONTINUOUS FOOTINGS SHALL BE 24 INCHES WIDE BY 12 INCHES THICK, CENTERED UNDER LOAD-BEARING CMU WALLS, UNLESS NOTED OTHERWISE.
- ISOLATED FOOTINGS SHALL BE 24 INCHES BY 24 INCHES, WITH THICKNESS AS REQUIRED TO ACCOMMODATE COLUMN LOADS AND REINFORCEMENT.
- ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL SOIL OR COMPACTED STRUCTURAL FILL AND SHALL BE PLACED BELOW FROST DEPTH IN ACCORDANCE WITH FBC-R SECTION R403.
- CMU COLUMNS SHALL BE CONSTRUCTED OF STANDARD CONCRETE MASONRY UNITS, FULLY GROUTED AND REINFORCED AS SHOWN ON STRUCTURAL DRAWINGS.
- PROVIDE VERTICAL AND HORIZONTAL REINFORCEMENT IN FOOTINGS, CMU WALLS, AND COLUMNS AS SPECIFIED ON STRUCTURAL DETAILS.
- MINIMUM FOOTING REINFORCEMENT SHALL CONSIST OF CONTINUOUS STEEL BARS AS REQUIRED BY DESIGN; ALL REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60.
- PROVIDE MINIMUM 3 INCHES OF CONCRETE COVER FOR REINFORCEMENT CAST AGAINST EARTH.
- LAP SPLICES, DOWELS, AND DEVELOPMENT LENGTHS SHALL COMPLY WITH ACI 318-19 REQUIREMENTS.
- COLUMN DOWELS SHALL BE INSTALLED AND PROPERLY ALIGNED TO ENSURE FULL LOAD TRANSFER BETWEEN FOOTINGS AND CMU COLUMNS.
- ANCHOR BOLTS, STRAPS, AND HOLD-DOWNS SHALL BE INSTALLED PER STRUCTURAL DETAILS AND SHALL PROVIDE A CONTINUOUS LOAD PATH FROM ROOF TO FOUNDATION IN ACCORDANCE WITH FBC-R SECTION R301.
- FOUNDATION WALLS AND FOOTINGS SHALL BE DAMPPROOFED OR WATERPROOFED WHERE REQUIRED BY FBC-R SECTION R406.
- PROVIDE TERMITE PROTECTION IN ACCORDANCE WITH FBC-R SECTION R318.
- PROVIDE FOUNDATION DRAINAGE WHERE REQUIRED BY SITE CONDITIONS IN ACCORDANCE WITH FBC-R SECTION R405.
- BACKFILL SHALL NOT BE PLACED AGAINST FOUNDATION ELEMENTS UNTIL CONCRETE HAS ATTAINED SUFFICIENT STRENGTH.
- ALL CONCRETE SHALL ACHIEVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE.
- CONCRETE SHALL BE PLACED ON A CLEAN, MOISTENED SUBGRADE FREE OF DEBRIS AND STANDING WATER.
- ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS.
- THE FOUNDATION PLAN IS DIAGRAMMATIC AND INTENDED TO SHOW GENERAL LAYOUT AND INTENT ONLY.
- CONTRACTOR SHALL COORDINATE FOUNDATION WORK WITH ARCHITECTURAL, STRUCTURAL, PLUMBING, AND ELECTRICAL DRAWINGS, INCLUDING UNDERSLAB UTILITIES.
- ANY FIELD CHANGES OR DISCREPANCIES SHALL BE REPORTED TO THE DESIGN PROFESSIONAL AND AUTHORITY HAVING JURISDICTION PRIOR TO PROCEEDING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, SEQUENCES, AND JOB-SITE SAFETY IN ACCORDANCE WITH OSHA REQUIREMENTS.
- THE DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, OR SITE SAFETY.

TERMITE TREATMENT:

TO PREVENT TERMITE DAMAGE A CHEMICAL BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL, SECTION R318. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."

DESIGN LOADS	
SOIL BEARING PRESSURE	2500 PSF
FLOOR LOADS -	
LIVE LOAD	40 PSF
DEAD LOAD	20 PSF
ROOF TRUSSES (MINIMUM DESIGN LOADS)	
TOP CORD:	
LIVE LOAD	20 PSF
DEAD LOAD	15 PSF
BOTTOM CORD	
DEAD LOAD	10PSF



CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

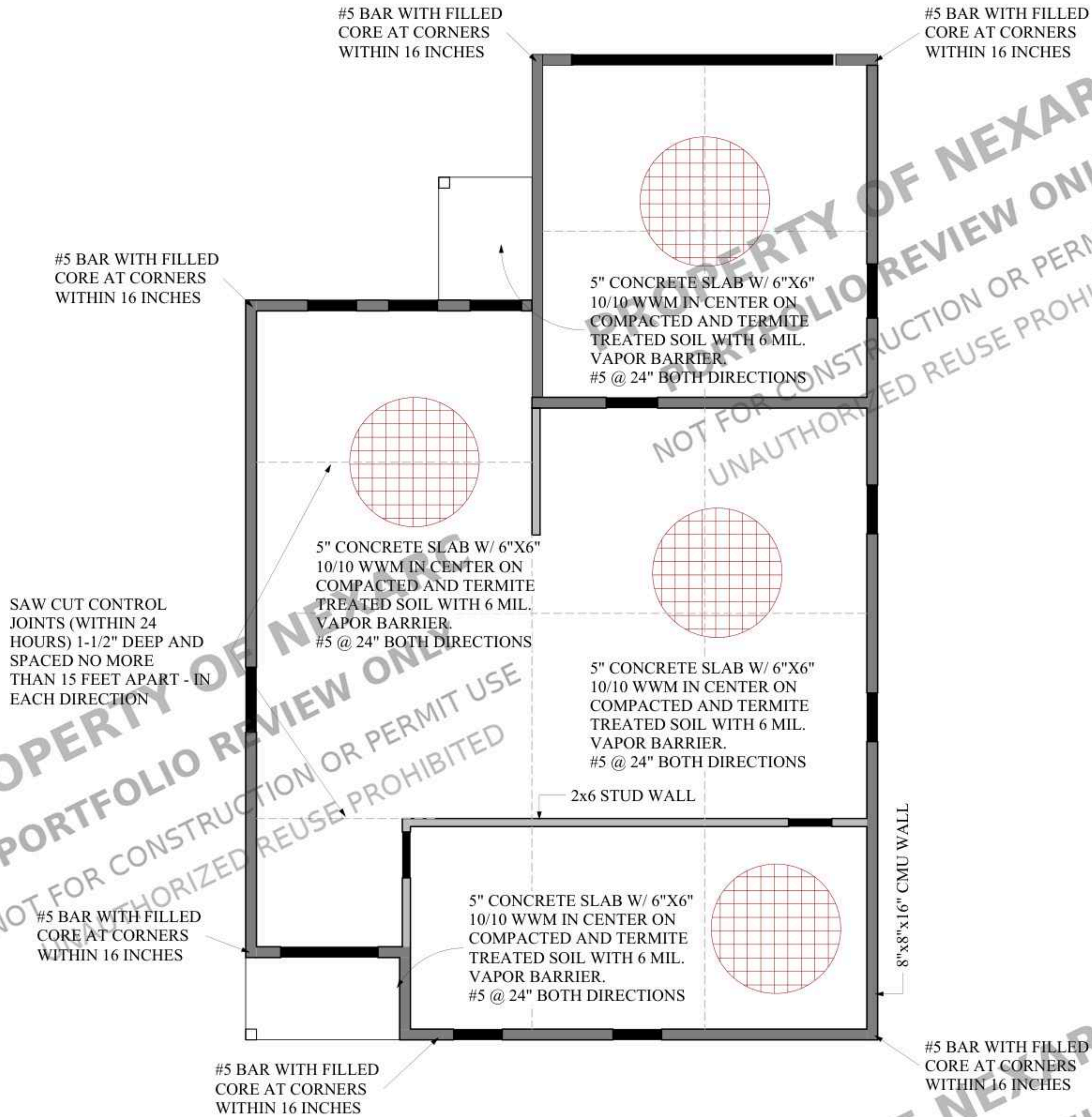
DRAWING NAME
FOUNDATION PLAN

Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR
Scale	As indicated

S1

GENERAL NOTES:

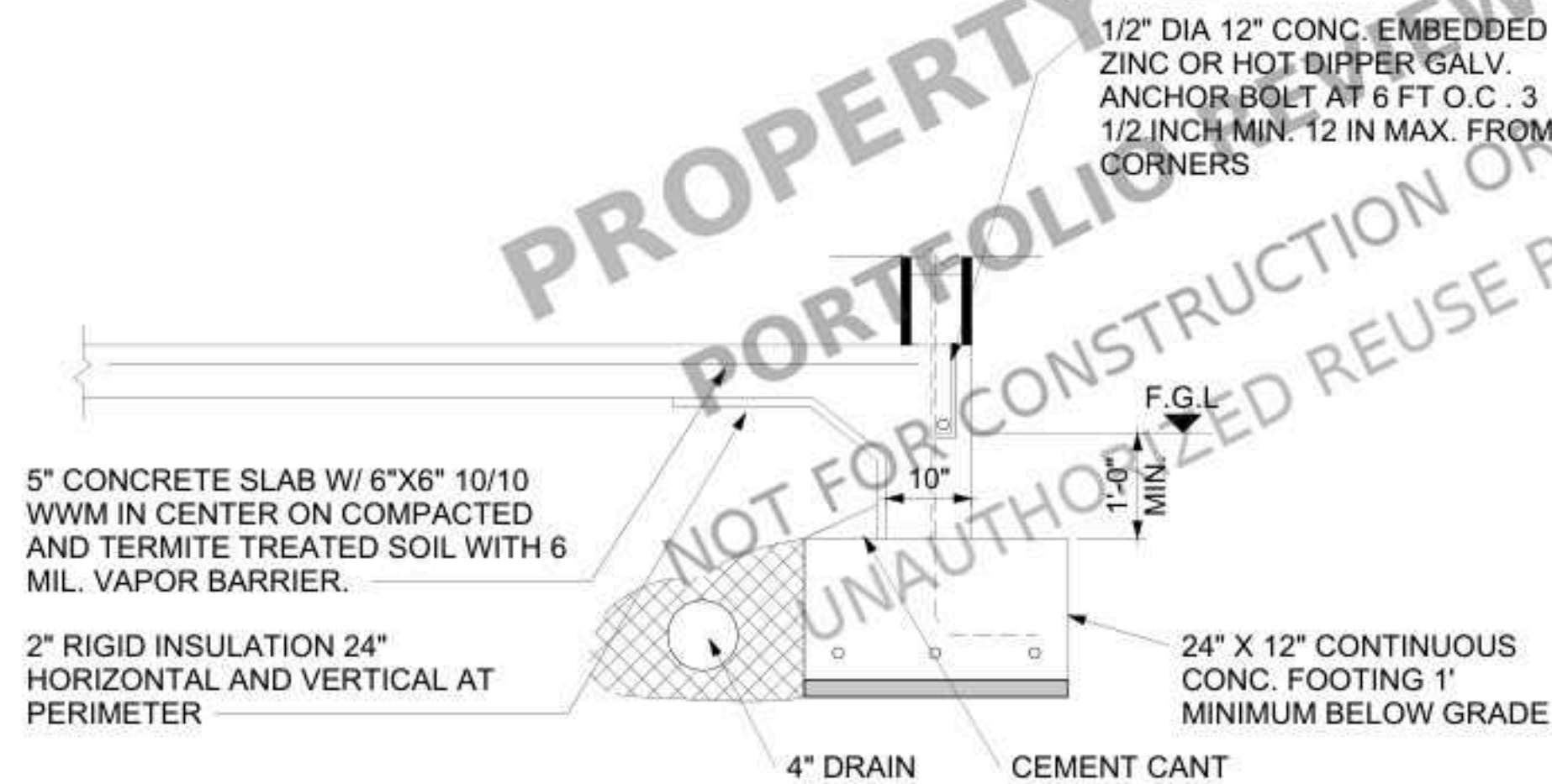
- ALL SLAB-ON-GRADE WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE – RESIDENTIAL, 8TH EDITION (2023) AND ACI 318-19, AS ADOPTED.
- PROVIDE 5-INCH THICK CONCRETE SLAB-ON-GRADE UNLESS NOTED OTHERWISE.
- SLAB REINFORCEMENT SHALL CONSIST OF 6" X 6" – 10/10 WELDED WIRE MESH (WWM) PLACED AT THE CENTER OF SLAB DEPTH.
- ADDITIONAL SLAB REINFORCEMENT SHALL CONSIST OF #5 BARS AT 24 INCHES ON CENTER EACH WAY, UNLESS NOTED OTHERWISE.
- SLAB SHALL BE PLACED OVER COMPACTED AND TERMITE-TREATED SOIL IN ACCORDANCE WITH FBC-R SECTION R318.
- PROVIDE A 6 MIL POLYETHYLENE VAPOR BARRIER BELOW THE SLAB IN ACCORDANCE WITH FBC-R SECTION R506.2.3, WITH ALL JOINTS LAPPED A MINIMUM OF 6 INCHES.
- PROVIDE A MINIMUM 4-INCH COMPACTED GRANULAR BASE WHERE REQUIRED BY SITE CONDITIONS OR LOCAL JURISDICTION.
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE.
- SAW-CUT CONTROL JOINTS SHALL BE PROVIDED WITHIN 24 HOURS OF PLACEMENT, CUT TO A MINIMUM DEPTH OF 1-1/2 INCHES.
- CONTROL JOINTS SHALL BE SPACED NO MORE THAN 15 FEET APART IN EACH DIRECTION, OR AS SHOWN ON PLANS.
- LOCATE CONTROL JOINTS TO ALIGN WITH COLUMN LINES, WALLS, AND RE-ENTRANT CORNERS WHERE POSSIBLE.
- PROVIDE ISOLATION JOINTS AT COLUMNS, CMU WALLS, AND OTHER RESTRAINED LOCATIONS AS REQUIRED.
- SLAB EDGES AT PERIMETER AND THICKENED AREAS SHALL BE CONSTRUCTED AS SHOWN ON STRUCTURAL DETAILS.
- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.
- MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE PROVIDED IN ACCORDANCE WITH ACI 318 REQUIREMENTS.
- SLAB SHALL BE PLACED ON A CLEAN, MOISTENED SUBGRADE FREE OF DEBRIS AND STANDING WATER.
- DO NOT PLACE CONCRETE UNTIL ALL UNDERSLAB PLUMBING, ELECTRICAL CONDUITS, AND SLEEVES HAVE BEEN INSTALLED AND APPROVED.
- CONTRACTOR SHALL VERIFY ALL SLAB DIMENSIONS, OPENINGS, AND PENETRATIONS PRIOR TO CONCRETE PLACEMENT.
- BACKFILL AND COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND LOCAL REQUIREMENTS.
- THE SLAB PLAN IS DIAGRAMMATIC AND INTENDED TO SHOW GENERAL INTENT ONLY.
- CONTRACTOR SHALL COORDINATE SLAB WORK WITH STRUCTURAL, ARCHITECTURAL, PLUMBING, ELECTRICAL, AND MECHANICAL DRAWINGS.
- ANY FIELD CHANGES OR DISCREPANCIES SHALL BE REPORTED TO THE DESIGN PROFESSIONAL AND AUTHORITY HAVING JURISDICTION PRIOR TO PROCEEDING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, SEQUENCES, AND JOB-SITE SAFETY IN ACCORDANCE WITH OSHA REQUIREMENTS.
- THE DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, OR SITE SAFETY.



1 SLAB PLAN
1/4" = 1'-0"

TERMITE TREATMENT:

TO PREVENT TERMITE DAMAGE A CHEMICAL BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL, SECTION R318. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."



2 SLAB TO EXT. WALL CONNECTION (F2)

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

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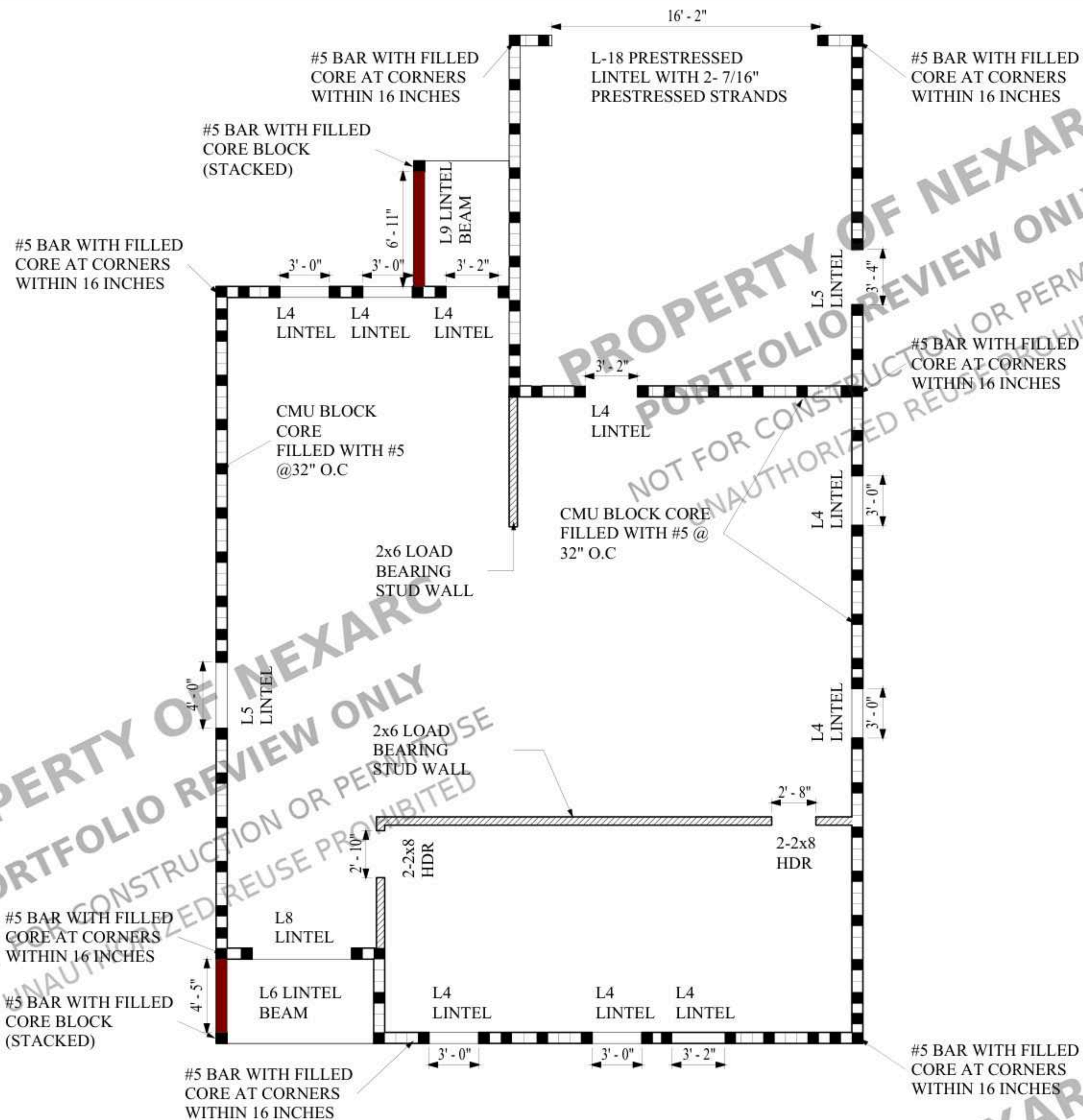
DRAWING NAME
SLAB PLAN

Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR

S2

Scale	As indicated
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2" RECESSED DOOR HEADERS (8"x14", COMPOSITE)								2" RECESSED DOOR HEADERS (8"x14", COMPOSITE)								WINDOWS SILLS		
MARK N°	DOOR SIZE WIDTH	CLEAR SPAN	FILLED (0" #ST 1) #6/8 B		FILLED (1" #ST 1) #6/8 C		FILLED (1" #ST 2) #6/8 D	MARK N°	DOOR SIZE WIDTH	CLEAR SPAN	FILLED (0" #ST 1) #6/8 B		FILLED (1" #ST 1) #6/8 C		FILLED (1" #ST 2) #6/8 D	MARK N°	HEADER	SILL
D-1	2'-4"	2'-0"	7980	8199	8426			D-1	2'-4"	2'-0"	7980	8199	8426			S-1	2'-10"	19"
D-2	2'-8"	2'-4"	6790	7015	7168			D-2	2'-8"	2'-4"	6790	7015	7168			S-2	3'-6"	26.5"
D-3	2'-10"	2'-6"	6320	6539	6642			D-3	2'-10"	2'-6"	6320	6539	6642			S-3	4'-6"	37"
D-4	3'-0"	2'-8"	6018	6124	6288			D-4	3'-0"	2'-8"	6018	6124	6288			S-4	5'-4"	48"
D-5	3'-4"	3'-0"	5391	5432	5631			D-5	3'-4"	3'-0"	5391	5432	5631			S-5	5'-10"	53"
D-6	4'-4"	4'-0"	4956	4049	4198			D-6	4'-4"	4'-0"	4956	4049	4198			S-6	6'-6"	60"
D-7	5'-4"	5'-0"	3138	3267	3340			D-7	5'-4"	5'-0"	3138	3267	3340			S-7	7'-6"	74"
D-8	6'-4"	6'-0"	2650	2755	2855			D-8	6'-4"	6'-0"	2650	2755	2855			S-8	9'-4"	(2) 48"
D-9	8'-4"	8'-0"	2026	2078	2130			D-9	8'-4"	8'-0"	2026	2078	2130			S-9	10'-6"	(2) 53"
																S-10	11'-4"	(2) 60"
																S-11	12'-0"	(2) 60"
																S-12	13'-3"	(2) 74"



1 WALL PLAN AND LINTELS
1/4" = 1'-0"

LINTEL SCHEDULE (window)				
LINTEL	CLEAR SPAN	QTY	CAST CRETE TYPE	COMMENTS
L4 (4'-6")	3'-2"	7	8F16 - 1B/1T	8" REGULAR U-LINTEL
L5 (6'-6")	5'-2"	1	8F16 - 1B/1T	8" REGULAR U-LINTEL
TOTAL LINTEL - WINDOWS= 8				

LINTEL SCHEDULE (doors)				
LINTEL	CLEAR SPAN	QTY	CAST CRETE TYPE	COMMENTS
L4 (4'-6")	3'-2"	2	8F16 - 1B/1T	8" REGULAR U-LINTEL
L5 (5'-4")	3'-6"	1	8F16 - 1B/1T	8" REGULAR U-LINTEL
L8 (7'-6")	6'-2"	1	8F16 - 1B/1T	8" REGULAR U-LINTEL
L18-P.S(19'-4")	18'-0"	1	8F16 - 1B/1T	PRESTRESSED FOR GARAGE

5

DEBRAY AVE, FLORIDA
32725, USA

ALL UNITS IN FEET AND INCHES
UNLESS OTHERWISE SPECIFIED

DRAWING NAME
WALL PLAN AND
LINTELS

Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR
S3	
Scale	As indicated

- ALL ROOF FRAMING SHALL COMPLY WITH THE FLORIDA BUILDING CODE—RESIDENTIAL, 8TH EDITION (2023) AND ASCE 7, AS ADOPTED.
- ROOF FRAMING MEMBERS SHALL BE SOUTHERN PINE (SP) NO. 1, UNLESS NOTED OTHERWISE.
- PROVIDE 2X12 SP NO. 1 CEILING JOISTS AT 16 INCHES ON CENTER, UNLESS OTHERWISE INDICATED.
- PROVIDE 2X10 SP NO. 1 ROOF RAFTERS AT 16 INCHES ON CENTER, UNLESS OTHERWISE INDICATED.
- CEILING JOISTS SHALL BE CONTINUOUS OR PROPERLY LAPPED AND TIED TO PROVIDE A CONTINUOUS LOAD PATH.
- IN AREAS DESIGNATED AS VAULTED CEILINGS, CEILING JOISTS SHALL BE OMITTED AS SHOWN AND RAFTERS SHALL BE DESIGNED TO RESIST ROOF THRUST IN ACCORDANCE WITH CODE.
- PROVIDE STRUCTURAL RIDGE BEAM OR RIDGE BOARD AND CONNECTIONS AT VAULTED CEILING AREAS AS REQUIRED BY DESIGN AND CODE.
- ALL RAFTERS SHALL BE PROPERLY CONNECTED TO RIDGE AND WALL PLATES IN ACCORDANCE WITH FBC-R SECTIONS R802 AND R802.11.
- PROVIDE APPROVED HURRICANE TIES, STRAPS, OR CONNECTORS AT RAFTER-TO-WALL AND JOIST-TO-WALL CONNECTIONS TO RESIST WIND UPLIFT.
- ROOF-TO-WALL CONNECTIONS SHALL COMPLY WITH FBC-R SECTION R802.11 AND LOCAL WIND LOAD REQUIREMENTS.
- PROVIDE CONTINUOUS LOAD PATH FROM ROOF TO FOUNDATION USING APPROVED CONNECTORS.
- ROOF SHEATHING SHALL BE INSTALLED PER FBC-R SECTION R803, WITH FASTENING SCHEDULE SUITABLE FOR REQUIRED WIND SPEED.
- PROVIDE BLOCKING, BRIDGING, AND FIRE STOPPING AS REQUIRED BY CODE.
- ATTIC AND ROOF VENTILATION SHALL COMPLY WITH FBC-R SECTION R806, EXCEPT WHERE VAULTED CEILINGS OR UNVENTED ASSEMBLIES ARE SPECIFICALLY DESIGNED.
- INSULATION AND ROOF ASSEMBLIES SHALL COMPLY WITH THE FLORIDA ENERGY CONSERVATION CODE (2023).
- ROOF OPENINGS FOR MECHANICAL, PLUMBING, OR ELECTRICAL PENETRATIONS SHALL BE FRAMED AND FLASHED IN ACCORDANCE WITH CODE AND MANUFACTURER REQUIREMENTS.
- ALL LUMBER SHALL BE GRADE-STAMPED, DRY, AND FREE OF DEFECTS THAT WOULD AFFECT STRUCTURAL PERFORMANCE.
- ALTERNATIVELY USE ENGINEERED MONO TRUSSES FOR ROOF FRAMING.

PRODUCT CODE	DESCRIPTION	FASTENERS	UPLIFT	LATERAL LOADS F1 F2	FLOOR	ROOF
1	SIMPSON HEAT A16	TRUSS ANCHOR	7 - 10d x 1/2"	1,450	340	725
2	SIMPSON MTS12	TRUSS STRAP	14-10d 14-10d x 1 1/2"	860	340	725
3	SIMPSON MGT	TRUSS ANCHOR	cmu tie beam 5/8" dia. a.b. 22-10 d	3,965		
4	SIMPSON HGT-2	TRUSS ANCHOR	cmu tie beam 3/4" dia. a.b. 8-10 d	10,980		
5	SIMPSON HGT-3	TRUSS ANCHOR	cmu tie beam 3/4" dia. a.b. 8-10 d	9,035		
6	SIMPSON MTT28B	TRUSS ANCHOR	cmu tie beam 3/4" dia. a.b. 24-16 d	4,455		
7	SIMPSON MST36B	STRAP TIES	26-10 d	2,135		
8	(2)SIMPSON MST36	STRAP TIES	26-10 d x 2	4,270		
11	(2)SIMPSON MST37	STRAP TIES	42-16 d	3,815		
12	SIMPSON MST60	TWISTED STRAP	56-16 d	5,800		
13	SIMPSON LUS28	TRUSS HANGER	header joist 6-10 d 4-10 d	935	890	115
14	SIMPSON HUS28	TRUSS HANGER	header joist 22-16 d 8-16 d	2,000	2,580	2,745
15	SIMPSON SP1	CLIP	stud plate 6-10 d 4-10 d	585		
16	SIMPSON SP2	CLIP	stud plate 6-10 d 6-10 d	1,065		
17	SIMPSON SP4	CLIP	stud plate 6-10 d x 1 1/2	885		
18	SIMPSON RSP4	CLIP	stud plate 4-8 d x 1 1/2 4-8 d x 1 1/2	315		
19	SIMPSON LSTA12	STRAP TIES	10-10 d		565	905
20	SIMPSON HTS16	TWISTED STRAP	16-10 d	1,260		
21	SIMPSON HTS20	TWISTED STRAP	20-10 d	1,450		
22	SIMPSON LSTA30	TWISTED STRAP	20-10 d		1,225	1,715
23	SIMPSON HD8A	HOLDDOWN	ANCHOR bolt 7/8" ANCHOR OR bolt 1 7/8" x 3 1/2" bolt	7,460		
24	SIMPSON MBHA5,50/11,25	HANGER	nails 2 x 3 3/4" a.b. 18-10 d	3,775	6,050	
25	SIMPSON HDQ8-SDSE	HOLDDOWN	ANCHOR 1" x 8" x 16" steel screw 7/8" dia. 20-14"x2" w/ 1" x 8" steel screw	8,325		
26	SIMPSON HTT4	HOLDDOWN	ANCHOR nails 5/8" x 6 1/2" a.b. 19" x 16x2 1/2"	4,235	6,050	
27	SIMPSON MSC66	STRAP TIES	66-16 d	5,660		

LOCAL WIND

ED

NG SCHEDULE

PT WHERE

SHALL BE

IREMENTS.

ULD AFFECT

20' - 0"

37' - 8"

2x12 SP #1 CEILING JOISTS OR ENGINEERED MONO TRUSSES @ 16" O.C.

2- 1 3/4" x 11 1/4" 2.0E LVL BEAM

12' - 6"

25' - 4"

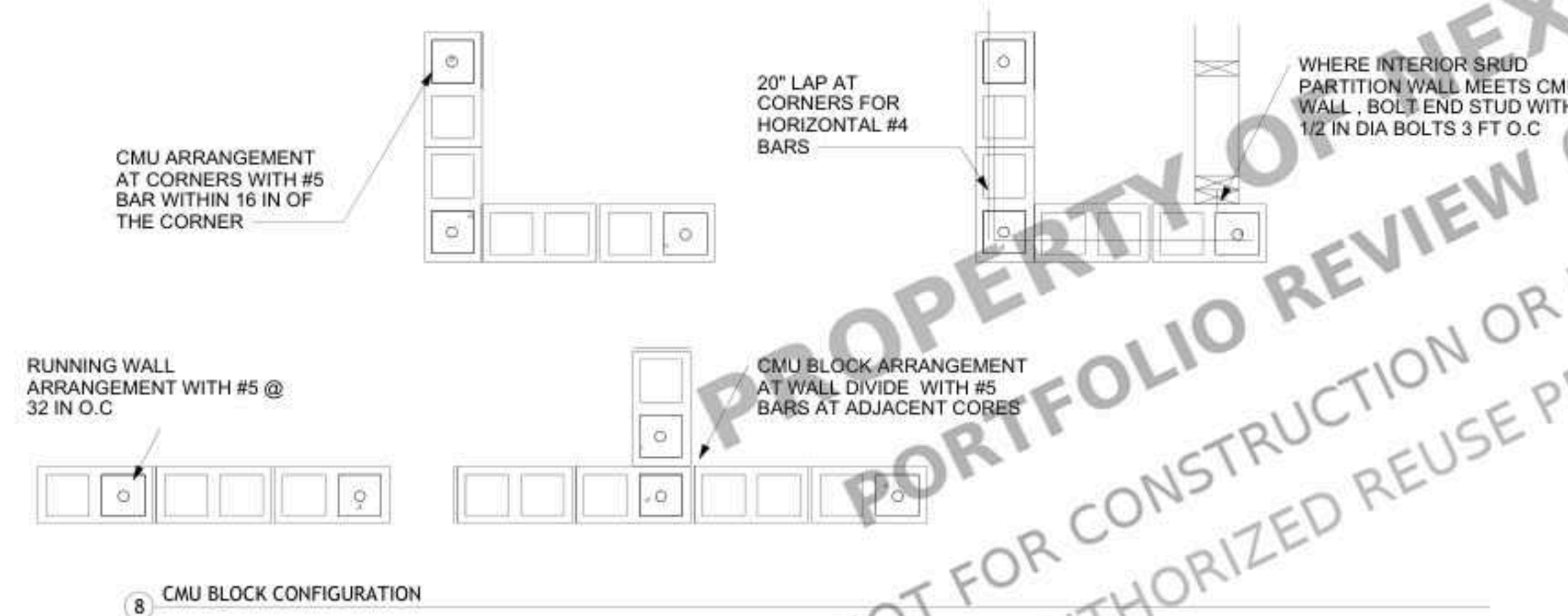
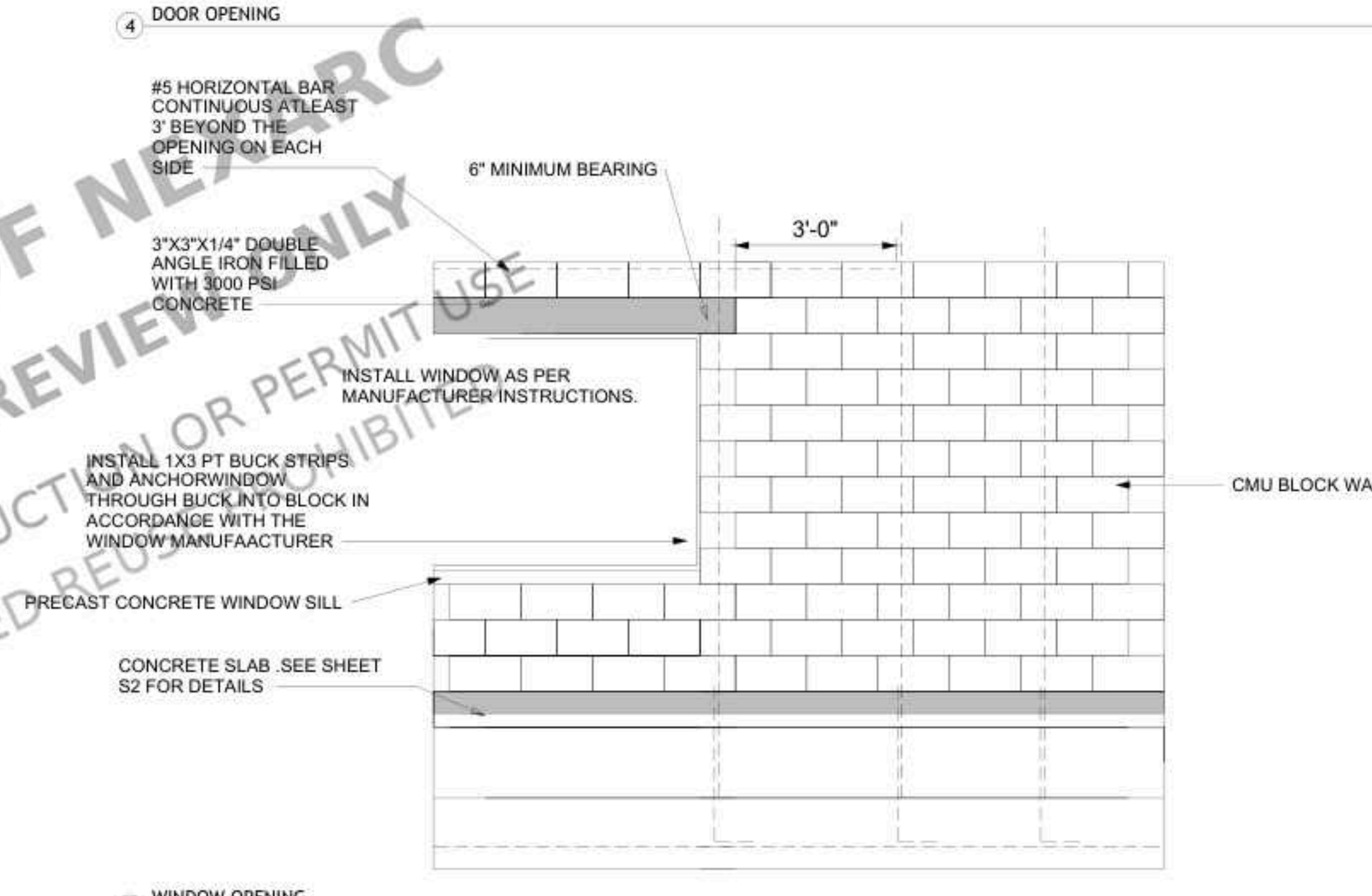
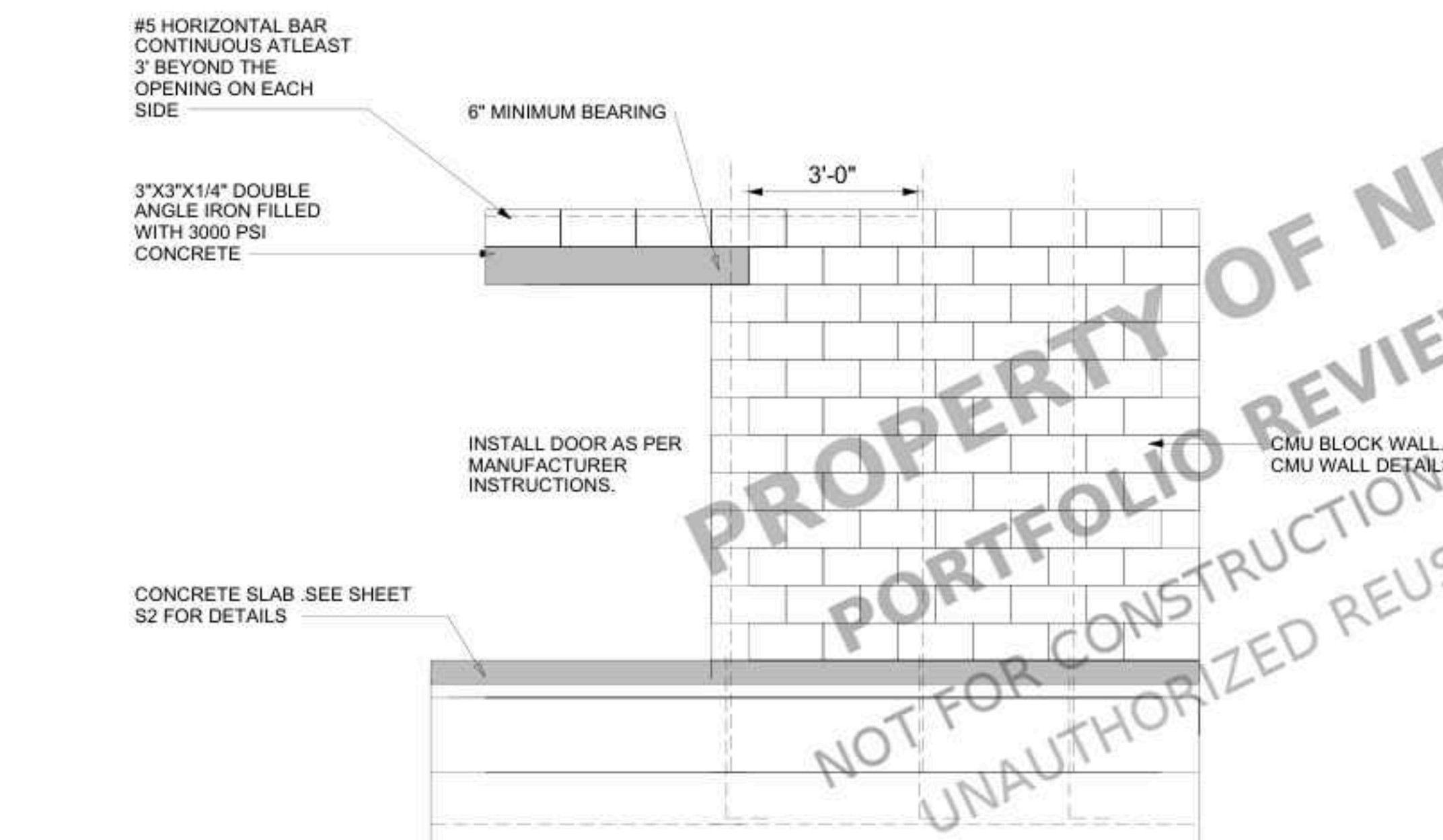
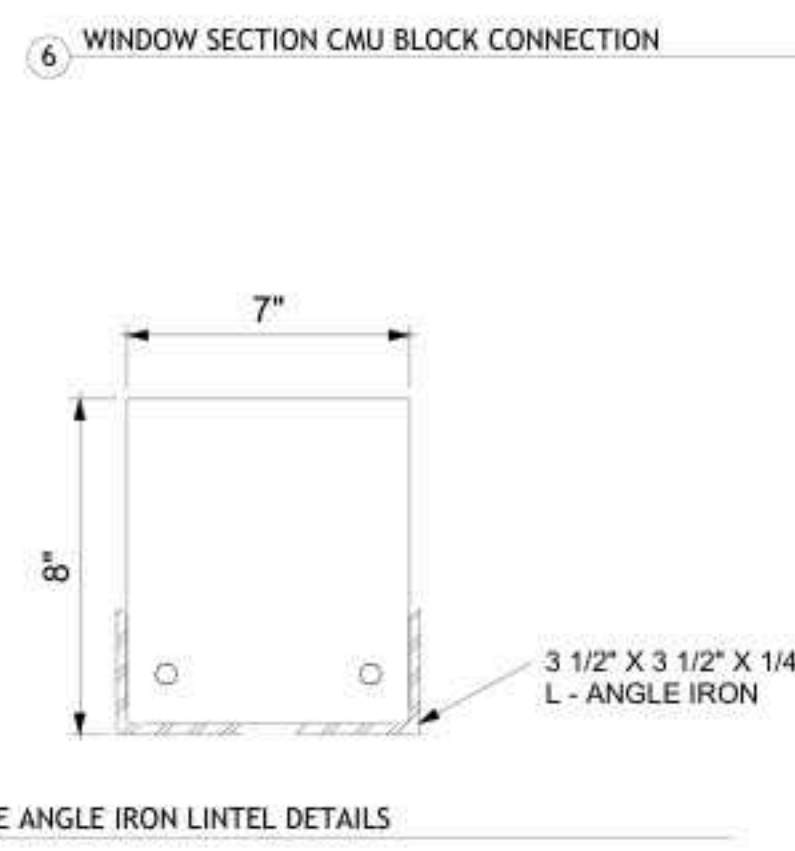
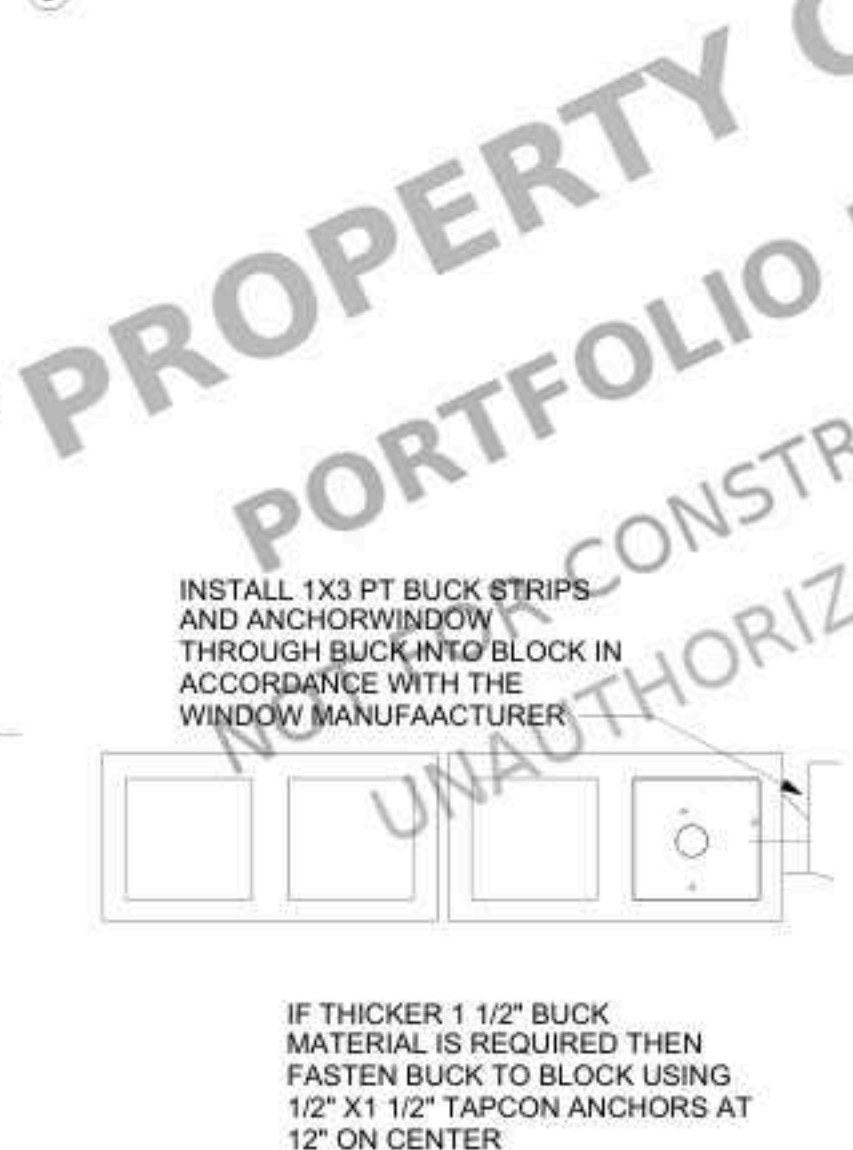
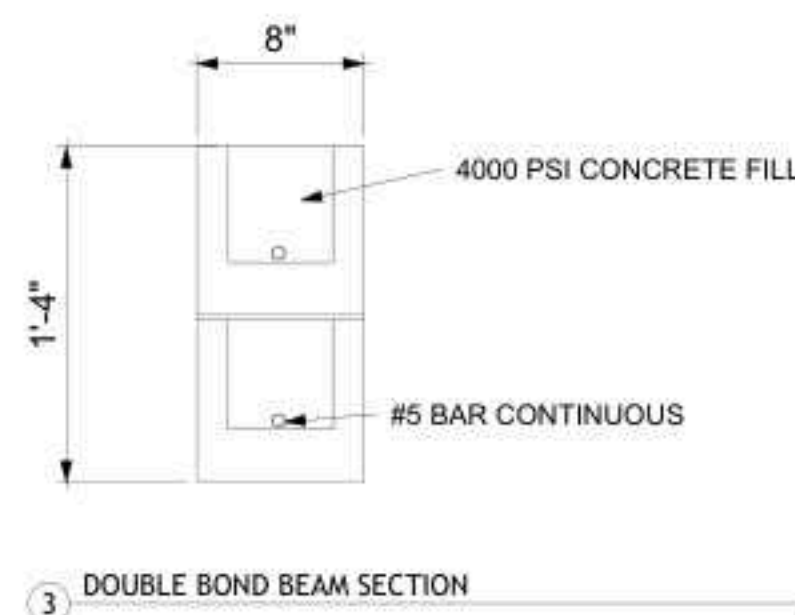
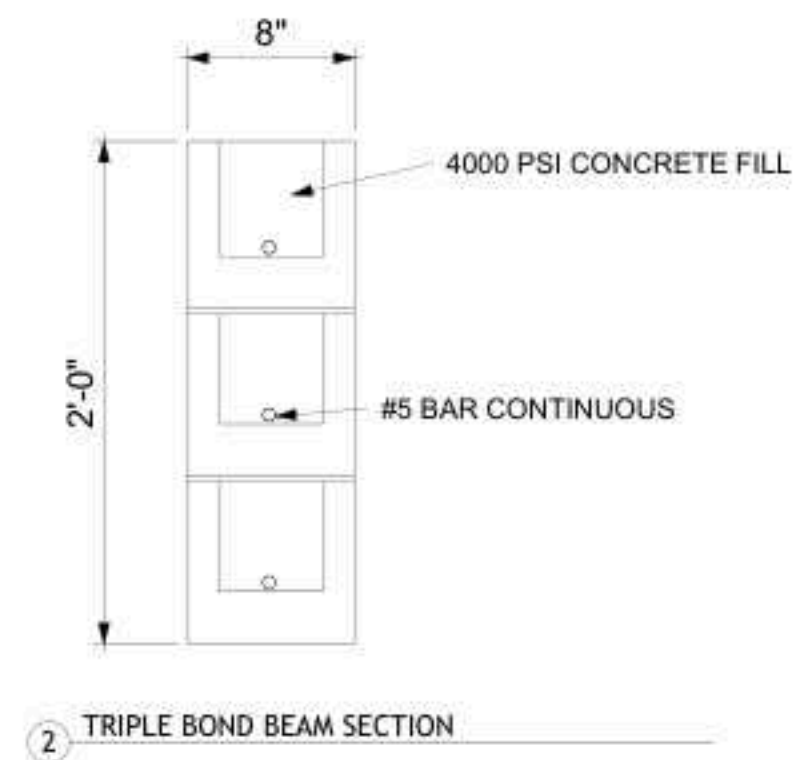
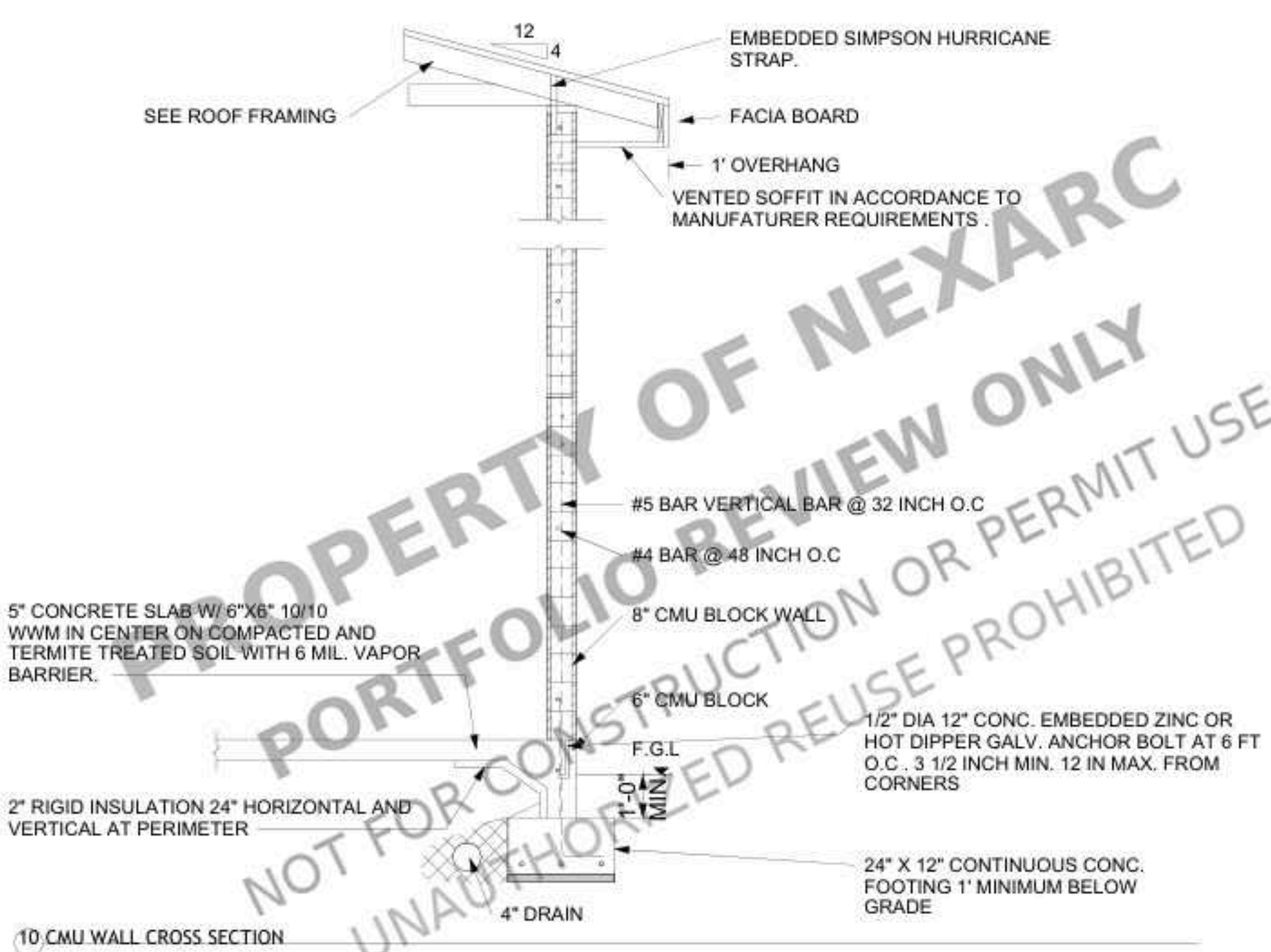
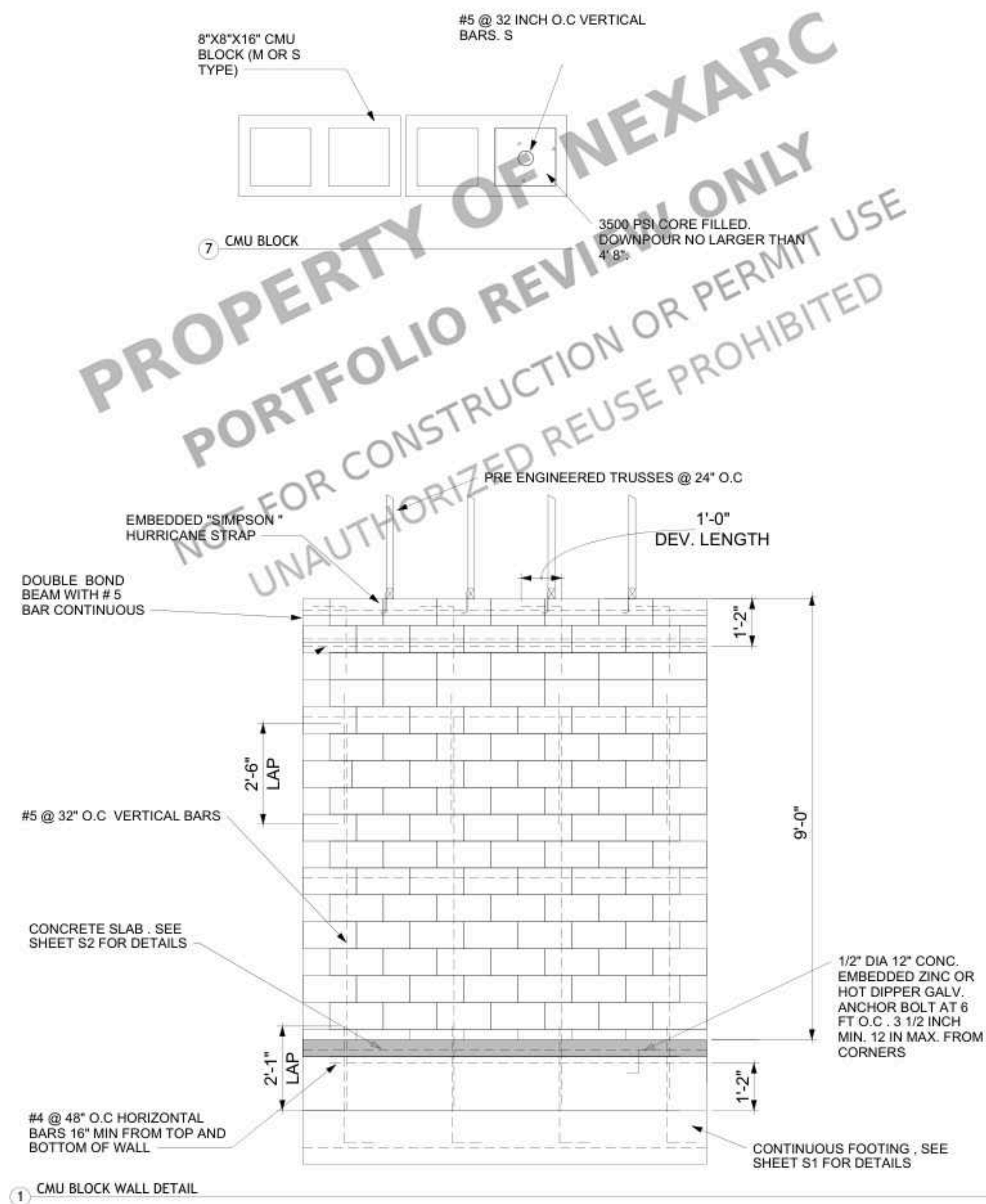
17' - 6"

PROPERTY OF NEXA
PORTFOLIO REVIEW
NOT FOR CONSTRUCTION OR REUSE PRO

2

CEILING FRAMING
1/4" = 1'-0"

Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR
S4	
Scale	1/4" = 1'-0"



CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

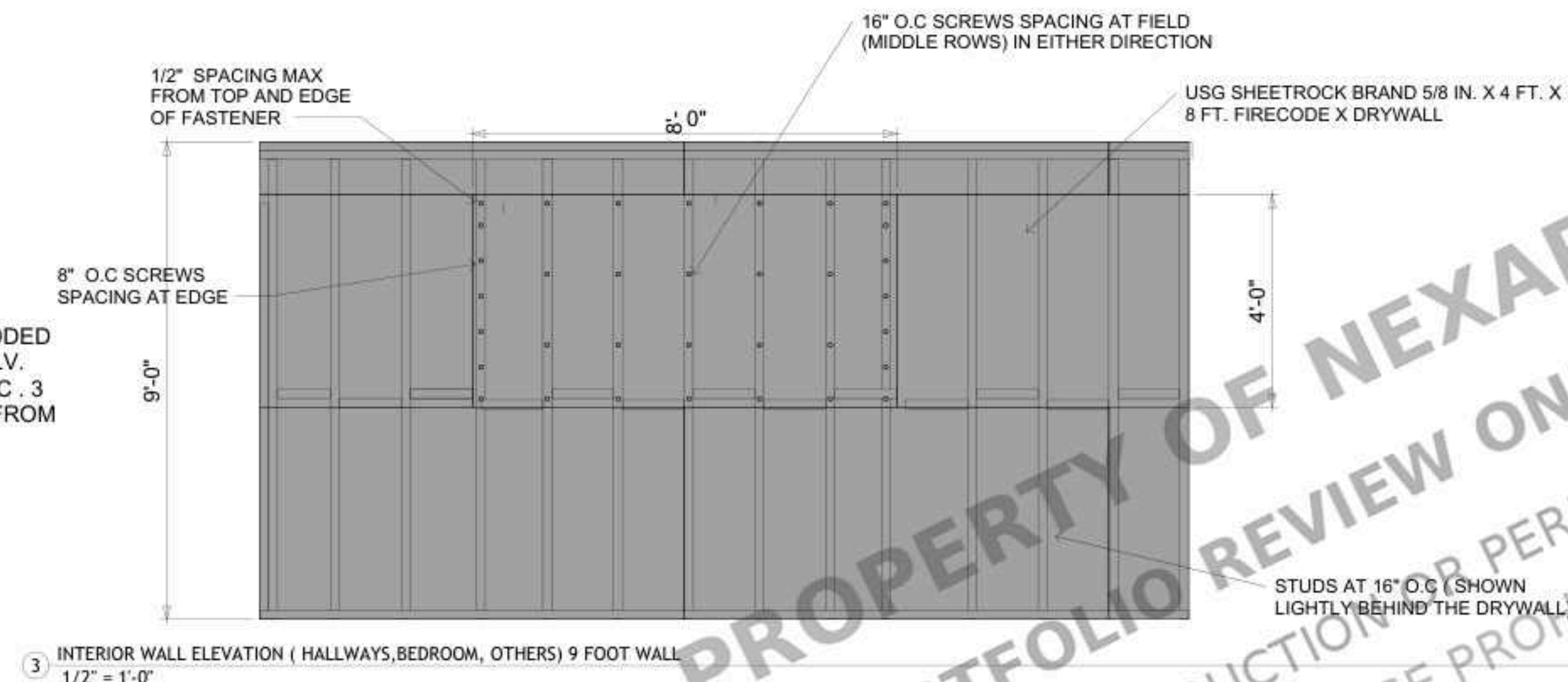
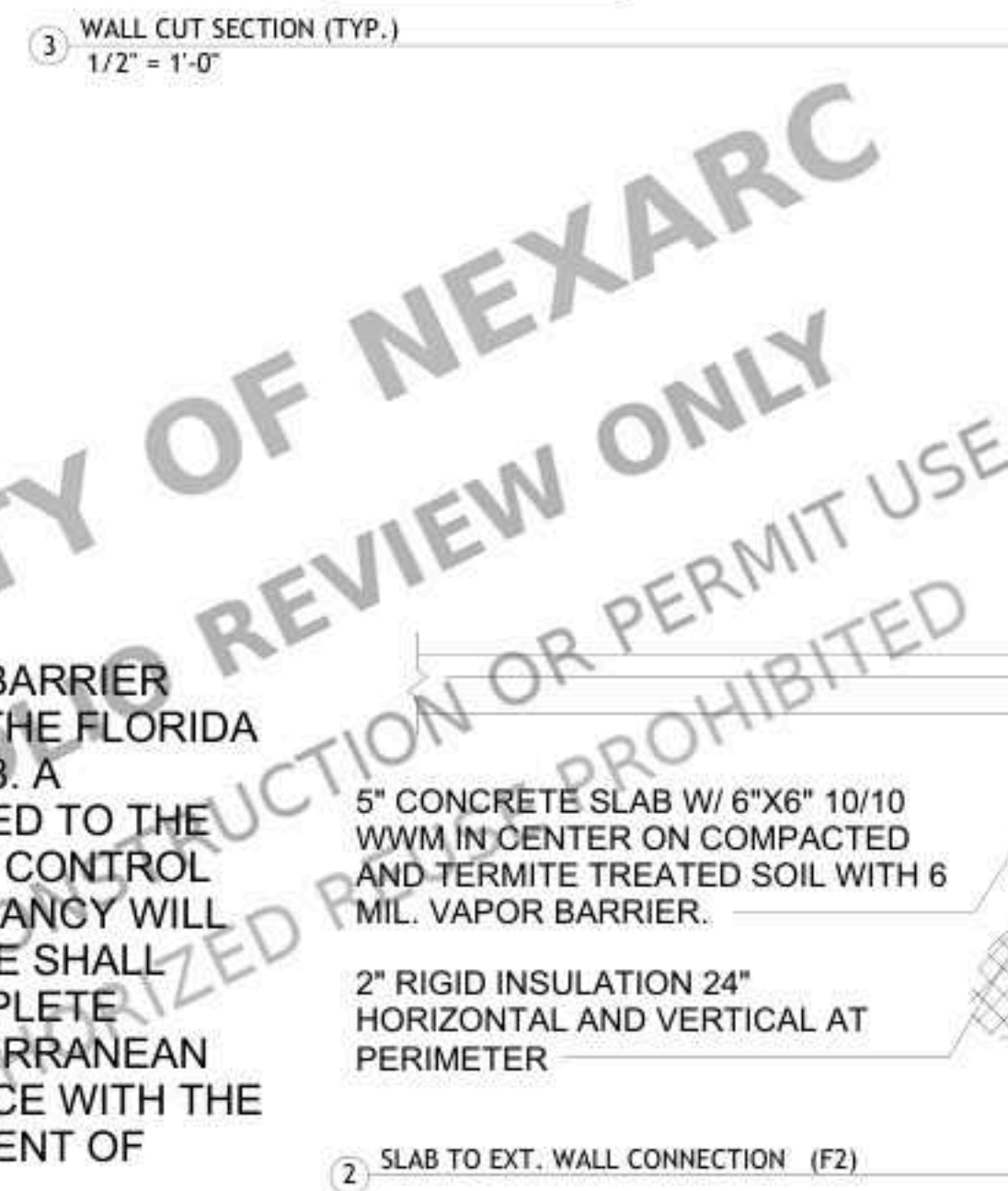
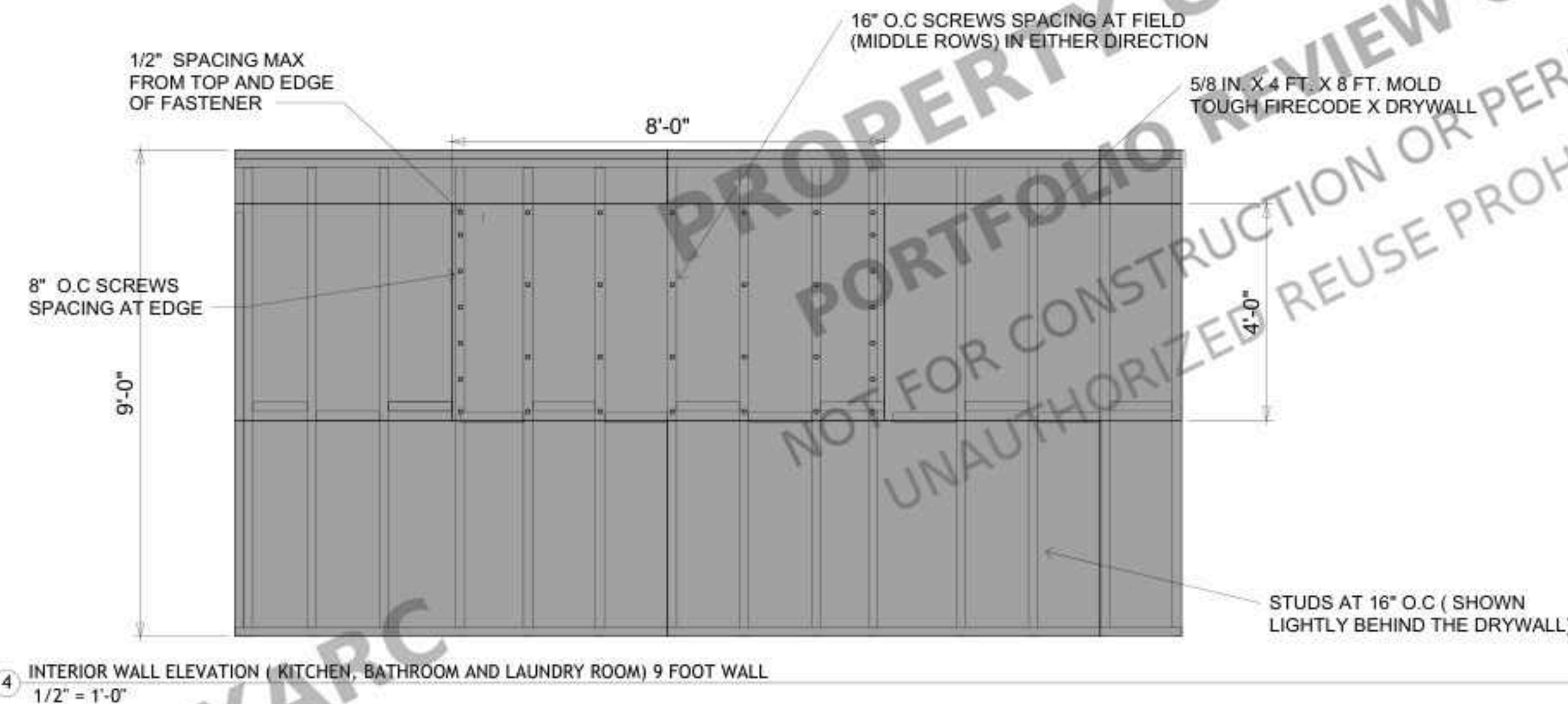
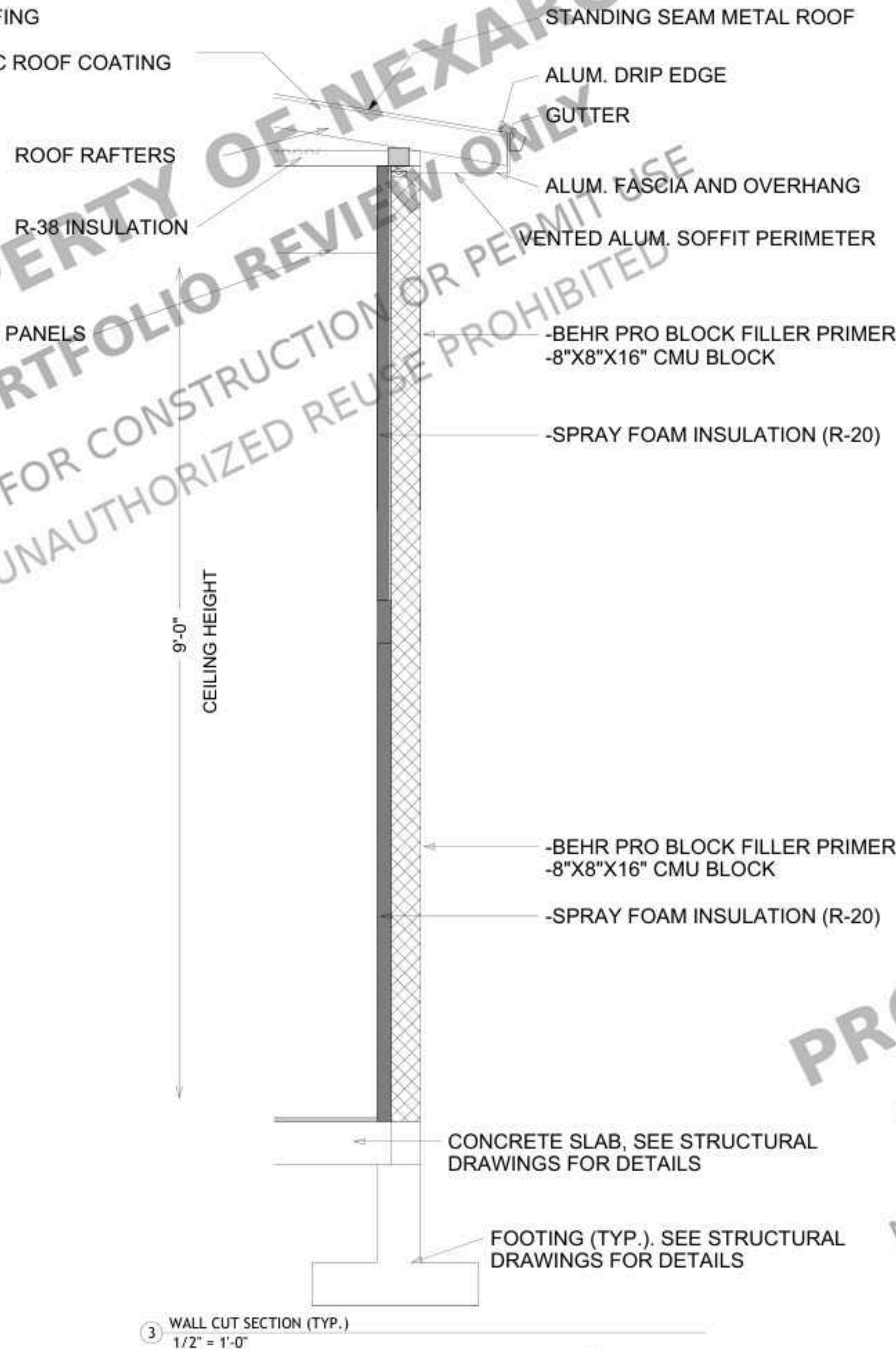
NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
STRUCTURAL
DETAILS-1

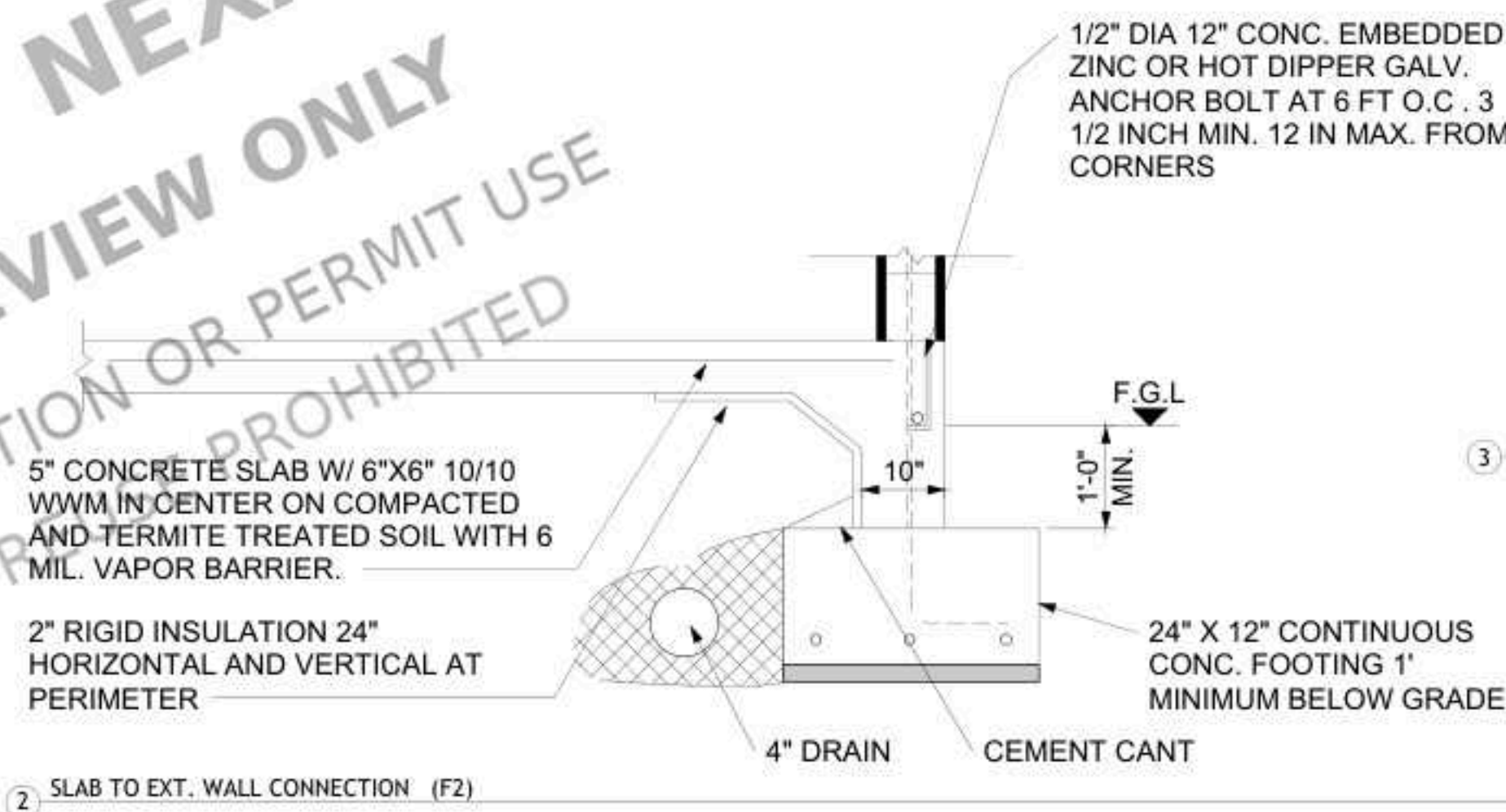
Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR
S5	
Scale	12" = 1'-0"

-GAF FELTBUSTER SYNTHETIC ROOFING
UNDERLAYMENT ROLL
-RUSTOLEUM 10 YEAR ELASTOMERIC ROOF COATING
-3/4" PLYWOOD



TERMITE TREATMENT:

TO PREVENT TERMITE DAMAGE A CHEMICAL BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL, SECTION R318. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."



- NOTE:
- THE FASTENER DETAILS ARE ONLY SHOWN ON ONE PANEL ONLY FOR REPRESENTATION PURPOSES.
 - THE PATTERN /LIMITATIONS SET IN ACCORDANCE WITH FBC-R CHAPTER 7. THE PATTERN TO BE APPLIED ON ALL DRYWALL SHEETS (AS REPRESENTED ON ONE DRYWALL SHEET)

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

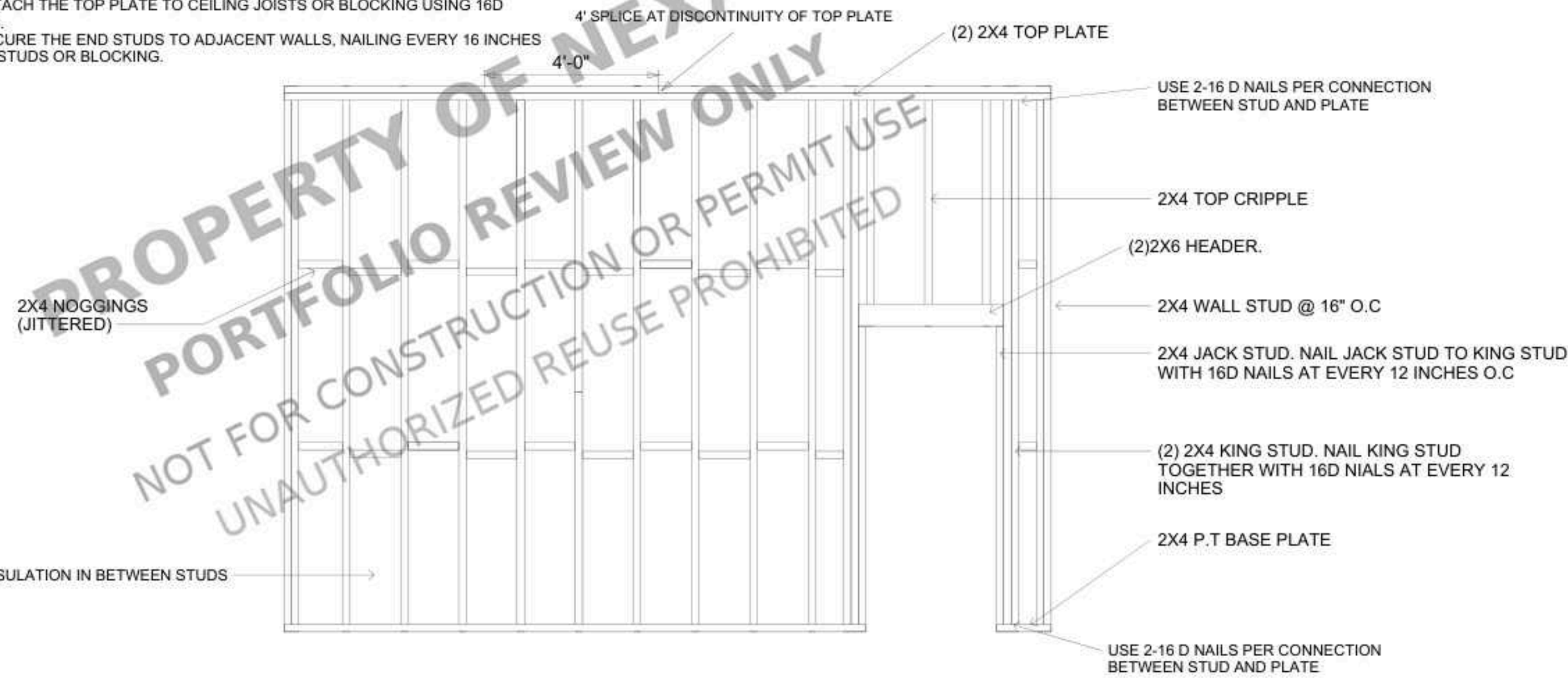
ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
STRUCTURAL
DETAILS-2

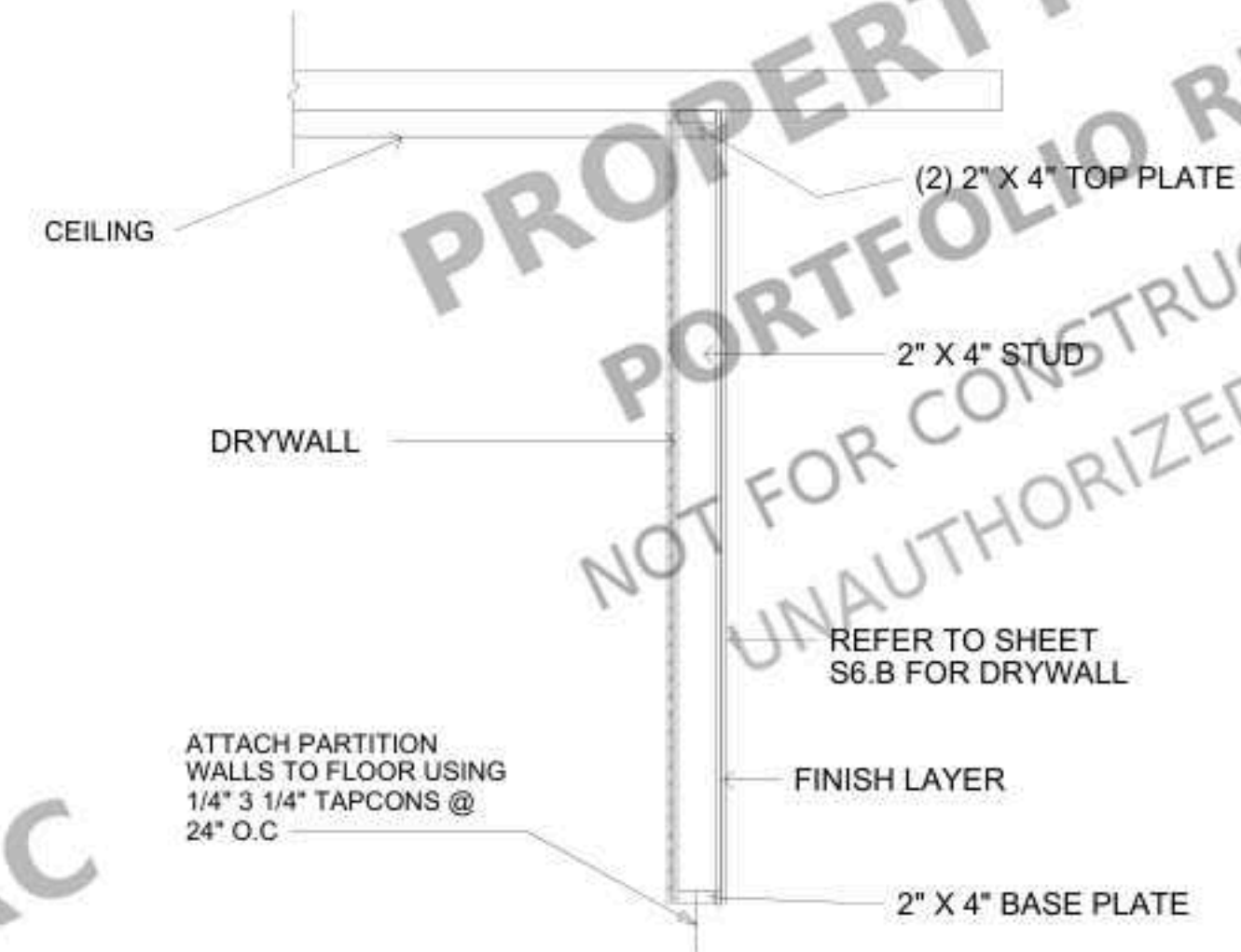
Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR
S6	
Scale	12" = 1'-0"

WALL PLATE CONNECTIONS:

- NAIL THE BOTTOM PLATE TO THE FLOOR JOISTS USING 16D NAILS, ONE AT EACH JOIST CROSSING.
- FOR CONCRETE FLOORS, USE MASONRY NAILS OR CONCRETE SCREWS. ATTACH THE TOP PLATE TO CEILING JOISTS OR BLOCKING USING 16D NAILS.
- SECURE THE END STUDS TO ADJACENT WALLS, NAILING EVERY 16 INCHES INTO STUDS OR BLOCKING.



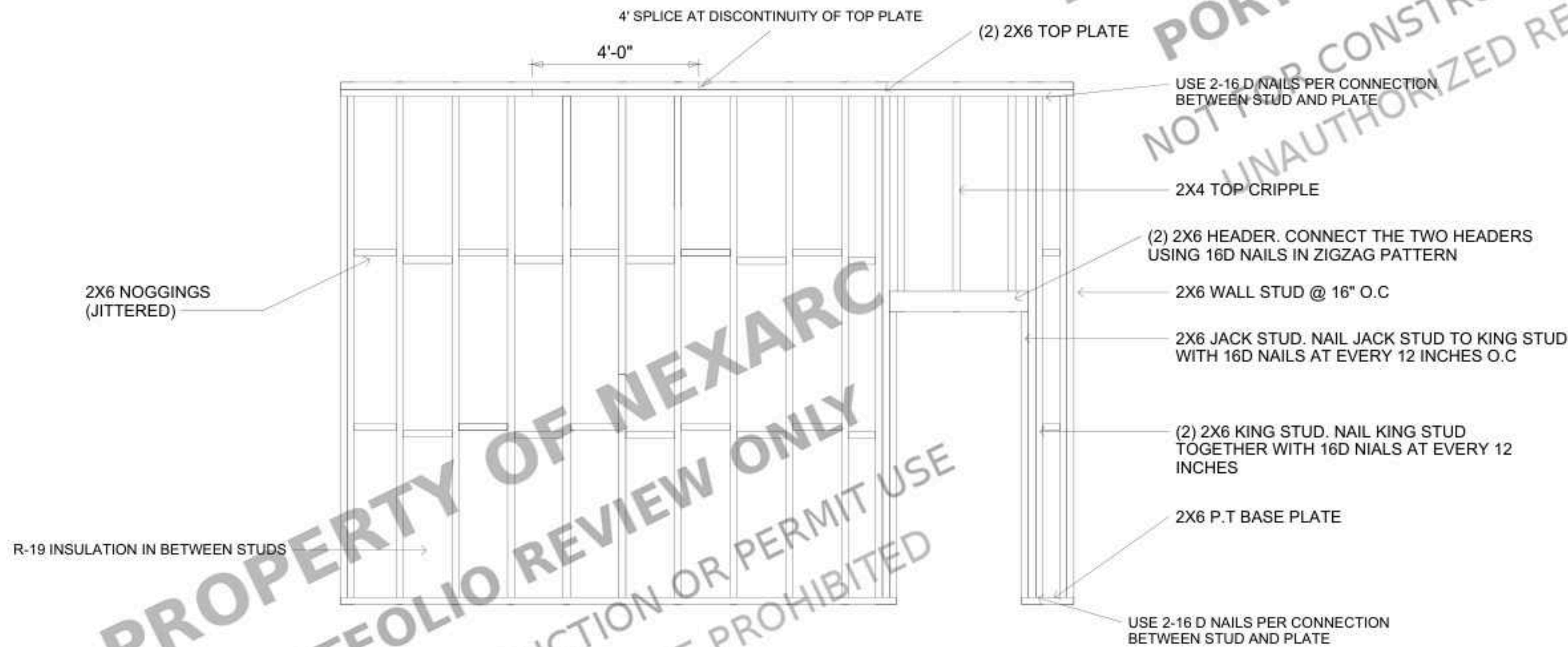
1 2x4 STUD WALL DETAIL



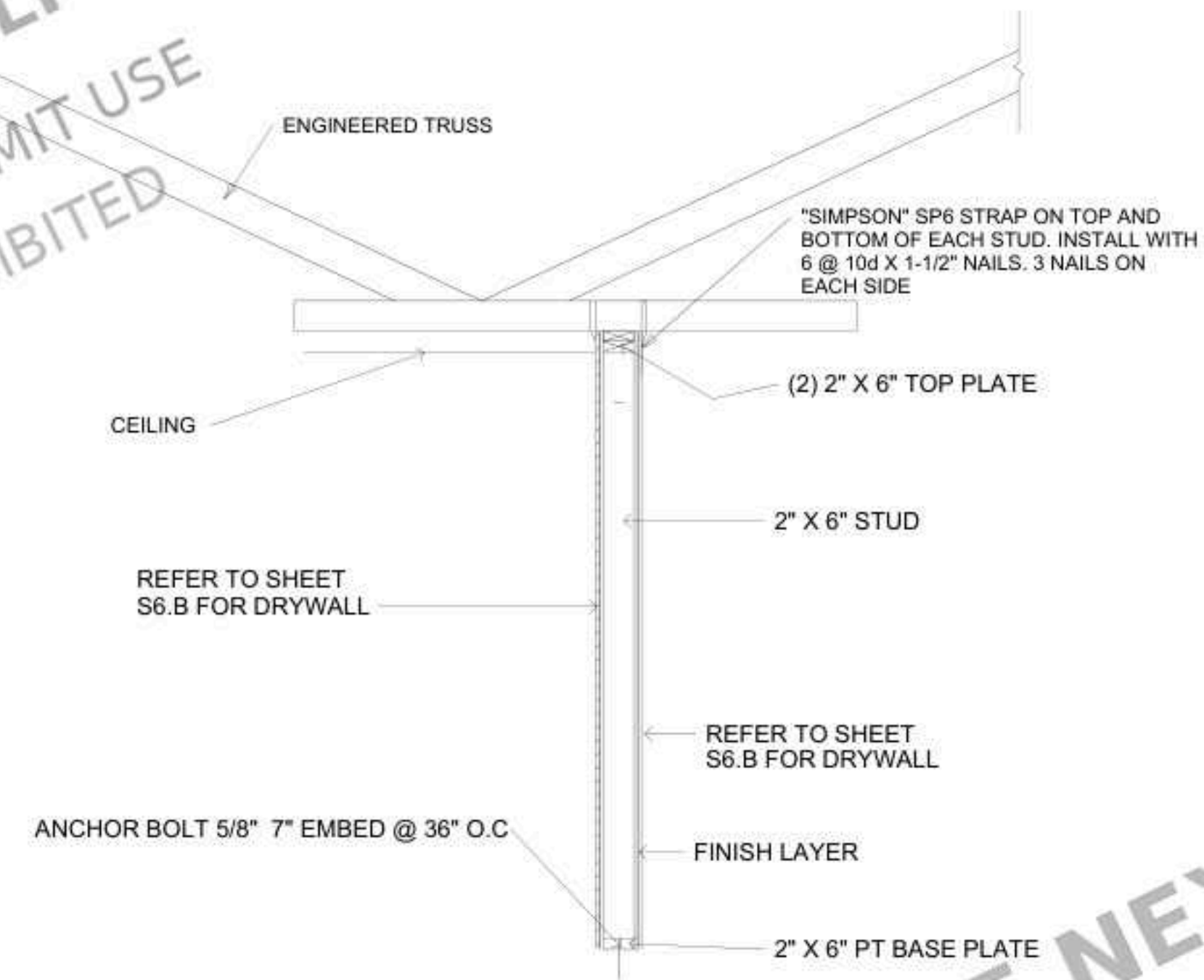
2 2x4 WALL CROSS SECTION

WALL PLATE CONNECTIONS:

- NAIL THE BOTTOM PLATE TO THE FLOOR JOISTS USING 16D NAILS, ONE AT EACH JOIST CROSSING. FOR CONCRETE FLOORS, USE MASONRY NAILS OR CONCRETE SCREWS. ATTACH THE TOP PLATE TO CEILING JOISTS OR BLOCKING USING 16D NAILS.
- SECURE THE END STUDS TO ADJACENT WALLS, NAILING EVERY 16 INCHES INTO STUDS OR BLOCKING.
- AT ENDS OF THE WALL ATTACHED TO CONCRETE MASONRY WALL, END STUD TO BE ATTACHED VIA BOLTS 1/2 IN DIA BOLTS 3 FT O.C



3 2X6 STUD WALL DETAILS



4 2X6 WALL CROSS SECTION



5 WOOD STUD ARRANGEMENT

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

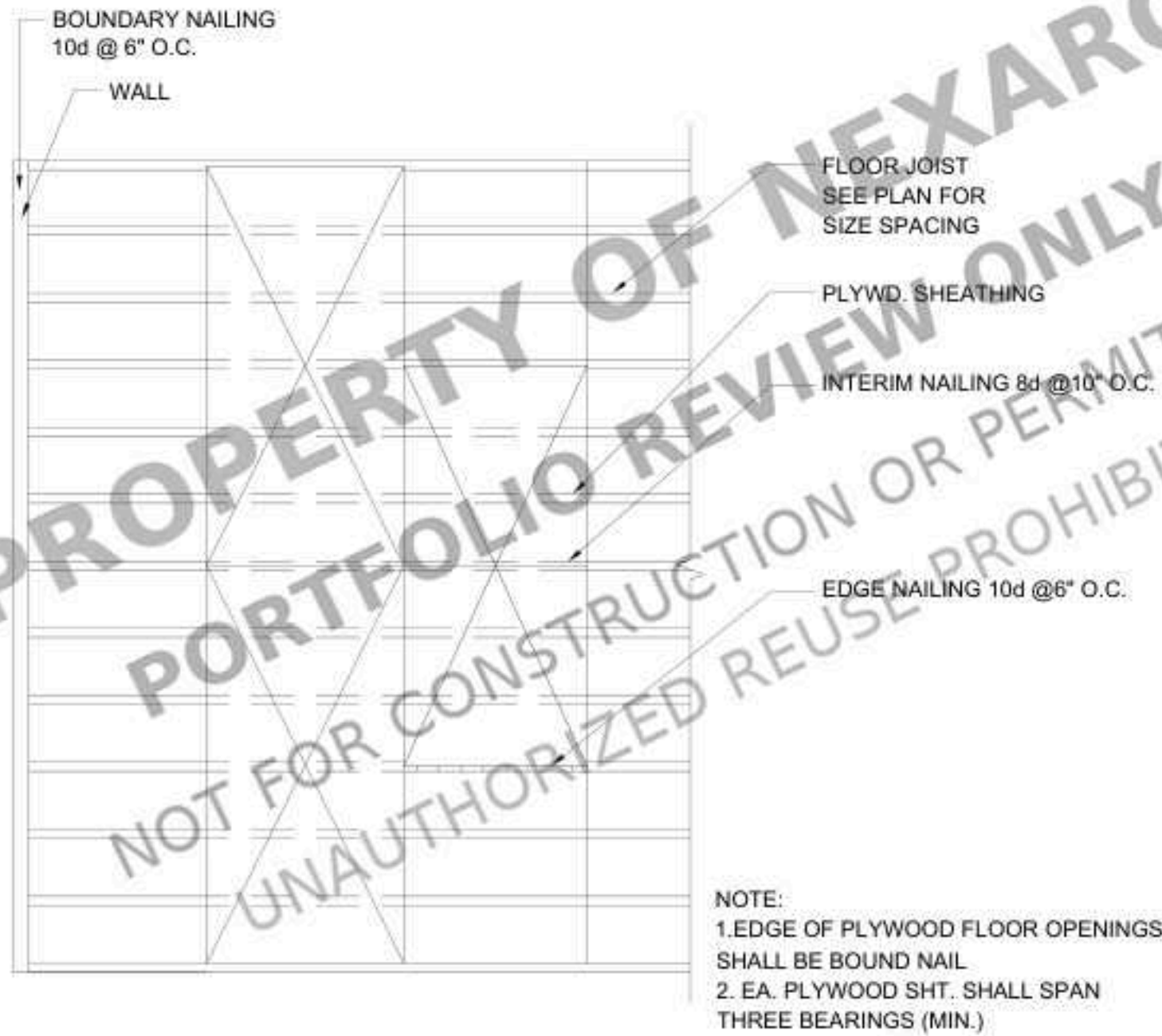
ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
STRUCTURAL
DETAILS-3

Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR

S7

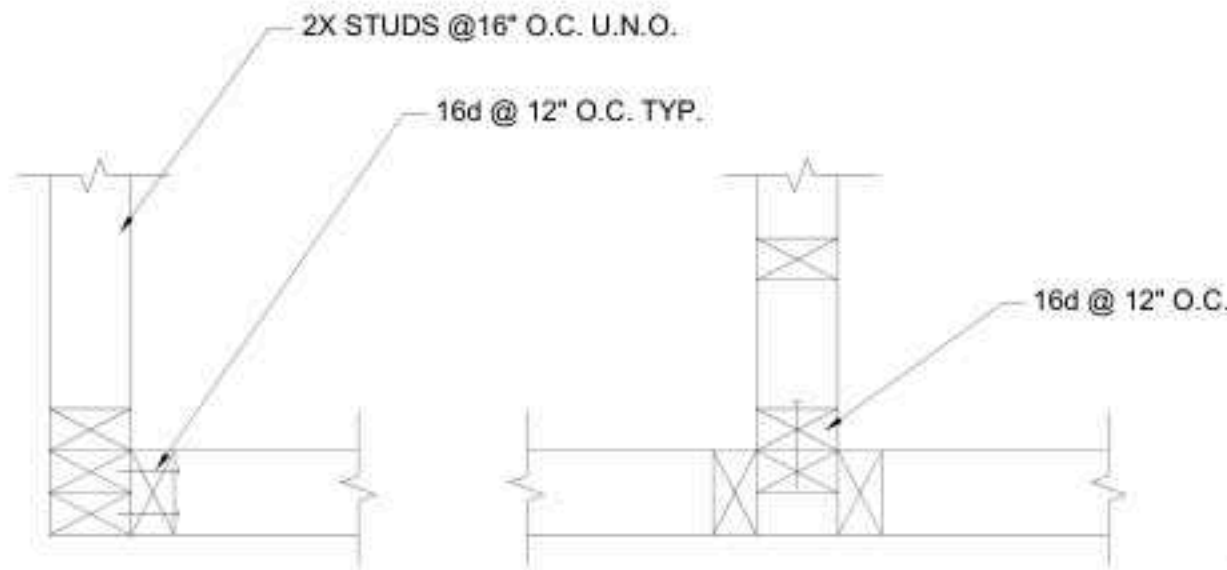
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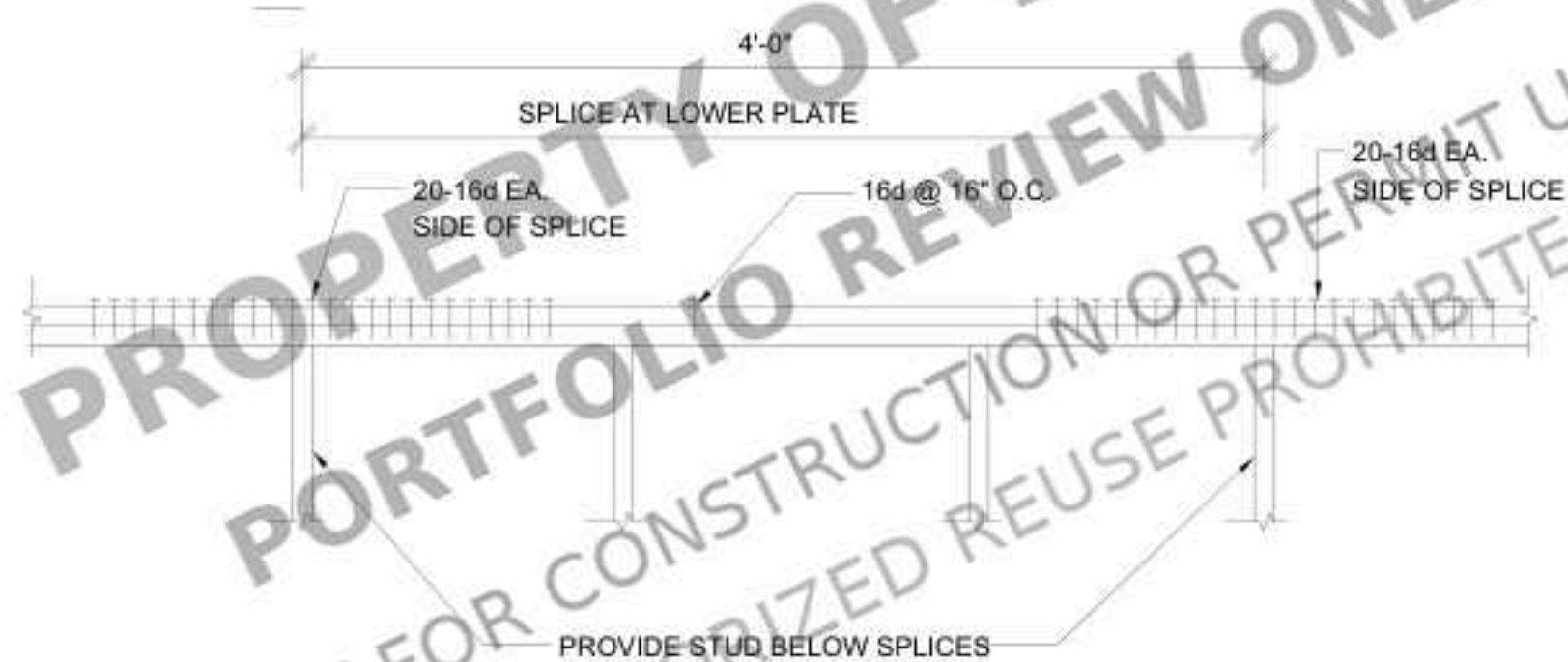
1 TYPICAL DIAPHRAGM
NTS

STUDS	MAX. UNSUPPORTED HEIGHT*	
	BEAR'G WALL	NON BEAR'G WALL
2 X 4 @ 16"	10'-0"	14'-0"
2 X 6 @ 16"	14'-0"	20'-0"
2 X 8 @ 16"	18'-0"	24'-0"

*MAX. DISTANCE BETWEEN FLOOR & ROOF



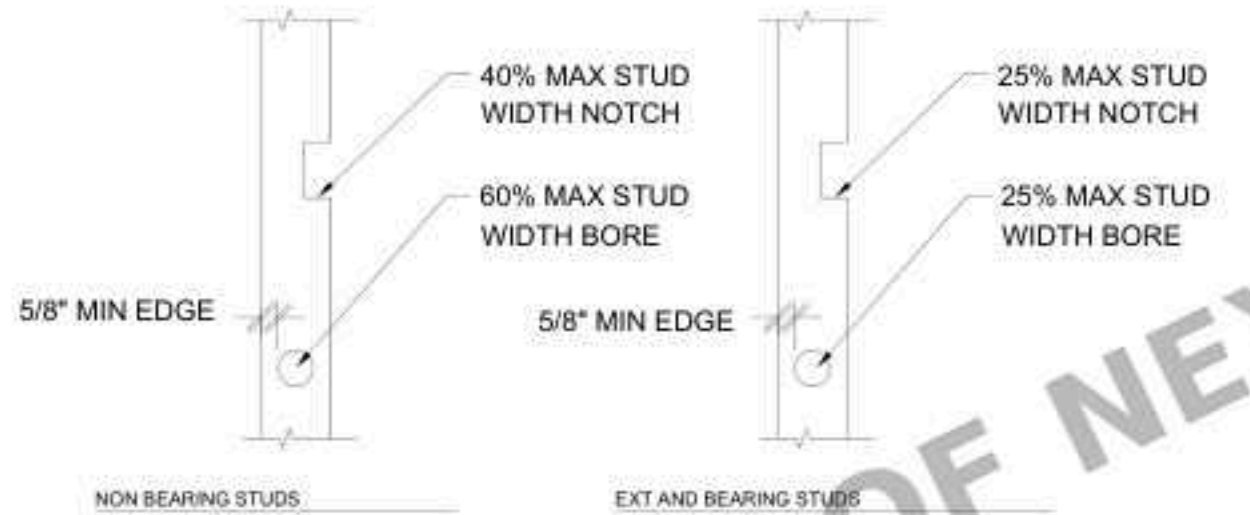
3 WOOD STUD SCHEDULE
NTS



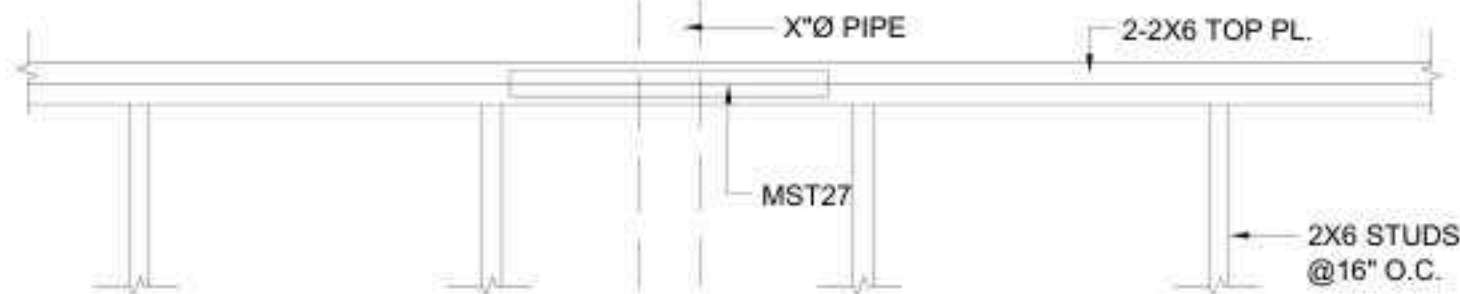
6 MIN PLATE SPLICE DETAILS
NTS

MARK	NAILING	A35 TO TOP PLATE	SILL NAILING	"SIMPSON" UFP	SILL BOLTS	EDGE MEM.	CAPACITY (LBS/FT.)	REMARKS
1	8d@6" 8d@12"	@24"	16d@6"	UFP@6'-0"	5/8DIA.@48"	2X	280	
2	8d@4" 8d@12"	@16"	16d@6"	UFP@6'-0"	5/8DIA.@32"	2X	480	
3	8d@3" 8d@12"	@12"	16d@6"	UFP@6'-0"	5/8DIA.@24"	3X	550	
4	8d@2" 8d@12"	@9"	16d@6"	UFP@6'-0"	5/8DIA.@16"	3X	730	
5	8d@4" 8d@12"	@8"	16d@6"	UFP@6'-0"	5/8DIA.@16"	2X	860	BOTH SIDES
6	"SIMPSON" SW 16 X 7-4						#1095	INSTALL PER MANF. SPCS.

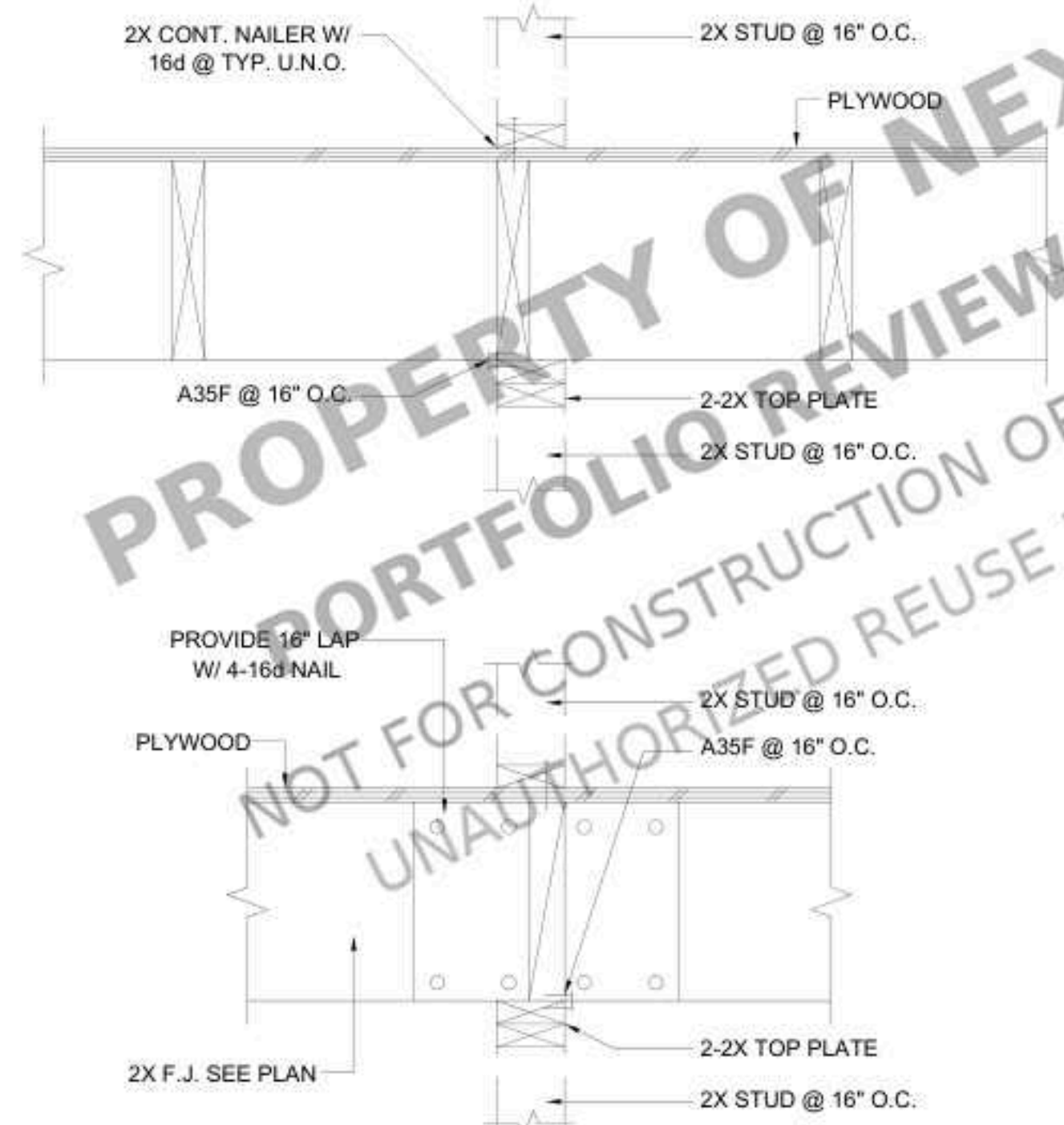
NOTES
1. ALL PLYWOOD TO BE 1/2" STRUCTURAL I PLYWOOD (4 PLY MIN.) UNLESS OTHERWISE NOTED.
2. NO PLYWOOD TO BE LESS THAN 2'-0" WIDE
3. ALL NAILING TO BE 3/8" MIN. TO EDGE OF SUPPORT AND SHEET
4. GAP PLYWOOD SHEETS 1/8" MIN. TYPICAL
5. SHEATH ENTIRE WALL BETWEEN CROSS WALLS TO AVOID LETTING IN OF PLYWOOD SHEATHING.
6. WHERE PLYWOOD IS APPLIED ON BOTH SIDES, OFFSET PANEL JOINTS OR PROVIDE 3X OR WIDER EDGE MEMBERS WITH STAGGERED NAILING.



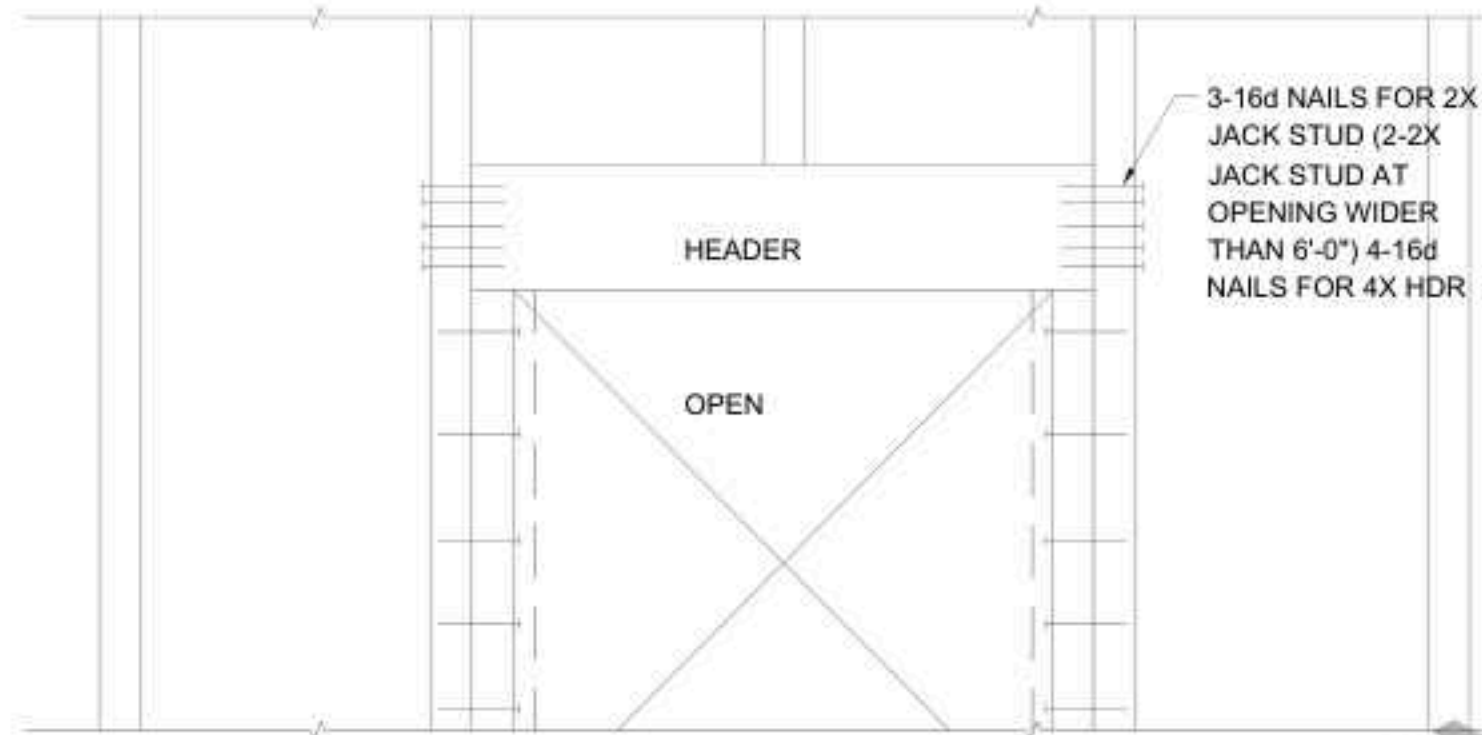
4 NOTCHING AND BORING
NTS



5 PLUMBING WALL DETAIL
NTS



7 JOIST TO STUD INTERIOR
NTS



8 HEADER CONNECTIONS
NTS

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

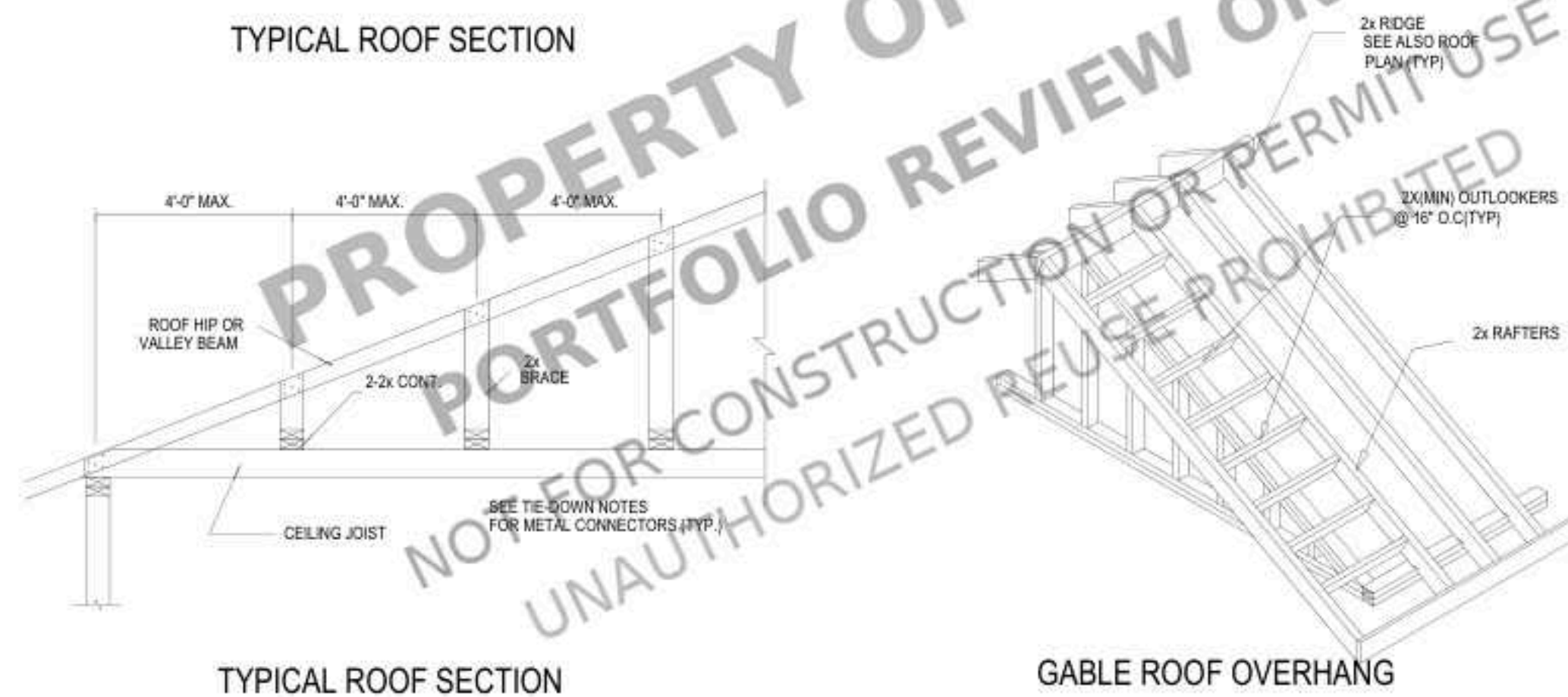
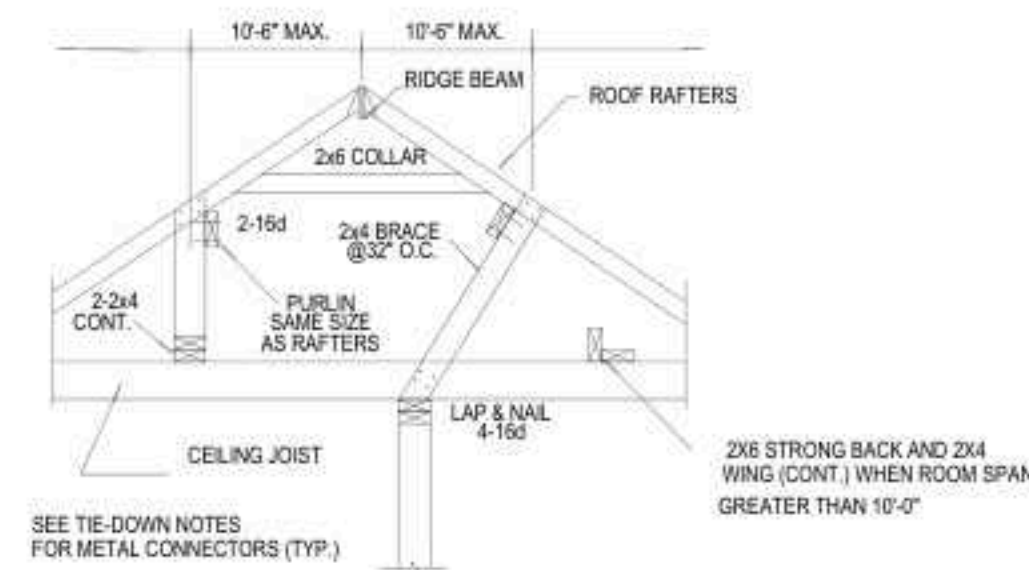
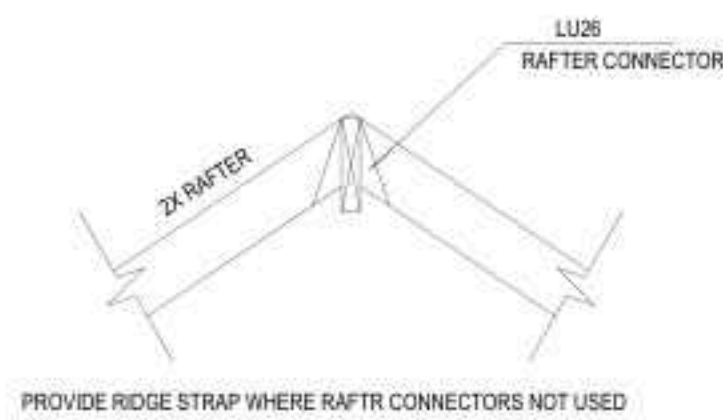
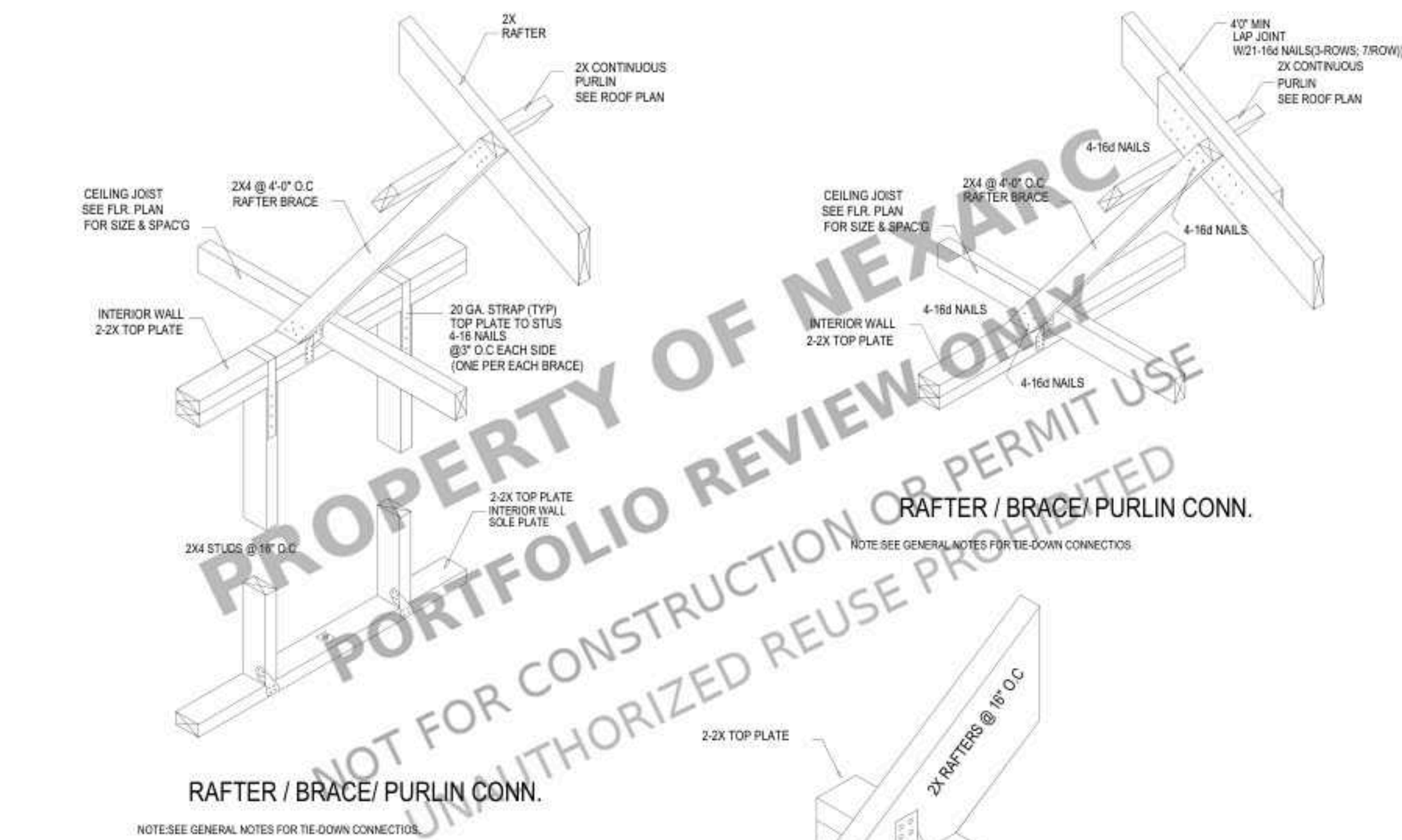
ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
STRUCTURAL
DETAILS-4

Project number Project Number
Date Issue Date
Drawn by ABD
Checked by AMR

S8

Scale 12" = 1'-0"



ANCHORAGE NOTES:

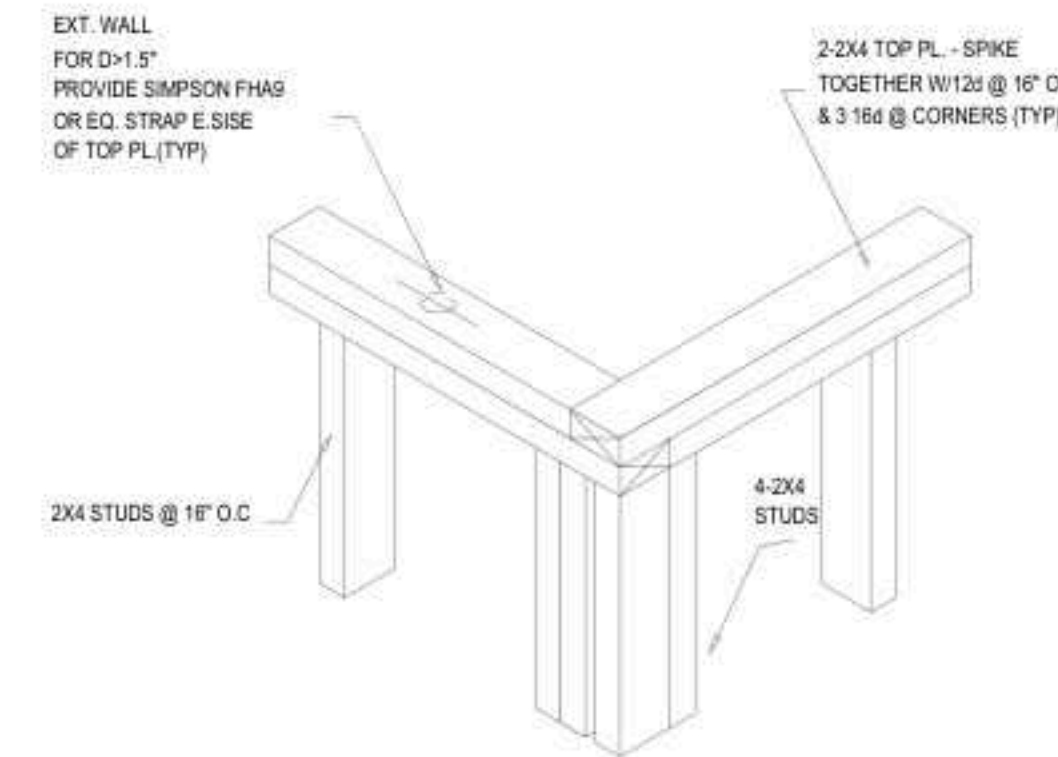
1. U.O.N. FOUNDATION PLAN, SILL PLATES FOR ALL EXTERIOR, INTERIOR BEARING AND SHEAR WALLS SHALL BE ANCHORED TO CONCRETE FOUNDATION WITH 5/8" ANCHOR BOLTS AT MAXIMUM 4 FEET ON CENTER. ANCHOR BOLTS SHALL BE INSTALLED WITH SIMPSON BP-3 PER CBC 2016 2305.3.11 BEARING PLATES.
2. BEARING SLIDE SHEAR WALL AND OR EXTERIOR WALL SALES RECEIVING FASTENERS SHALL HAVE THE FIRST FASTENER AT 4" MINIMUM AND 12" MAXIMUM (PER CBC 2016 2308.6) FROM EACH CUT END OF THE SILL (TWO FASTENERS MINIMUM PER MUSSILL PIECES).
3. INTERIOR NON-BEARING WALL SEALS TO RECEIVE THE FIRST FASTENER AT 4" MINIMUM AND 12" MINIMUM FROM EACH CUT END OF THE SILL. ANCHOR BOLTS MATERIAL SHALL BE ASTM A307.
4. POWDER DRIVEN ANCHOR PINS (HILTI DN72S36, ICC REPORT 1290) MAY BE USED ON INTERIOR NON-SHEAR AND NON-BEARING WALL ONLY.
5. POWDER DRIVEN ANCHOR PIN SHALL BE SPACED AT MAXIMUM 16" O.C.
6. UNLESS HELD IN PLACE WHEN POURING CONCRETE FASTENERS TO BE INSTALLED AFTER THE CONCRETE HAS SET FOR 7 DAYS MINIMUM.
7. ANCHOR BOLTS SHALL BE EMBEDDED 7" MINIMUM INTO CONCRETE OR REINFORCED MASONRY AND 15" MINIMUM INTO UNREINFORCED GROUTED MASONRY.
8. U.O.N. HP/PAHD, HTT, PHD, HDA, AND HD HOLDOWNS SHALL BE ATTACHED TO 4X4 POST IN WITH SHEAR EDGE NAILING ALONG FULL HEIGHT.
9. CONTRACTOR IS TO VERIFY LOCATION OF HOLDOWNS AND ANCHOR BOLTS WITH ROUGH FRAMING TO ASSURE PROPER AND ACCURATE INSTALLATIONS.
10. U.O.N. INDIVIDUAL ISOLATED POSTS SHALL BE ANCHORED BY SIMPSON PB CONNECTIONS.
11. HOLDOWNS SHALL BE TIED IN PLACE PRIOR TO INSPECTION.
12. FASTENERS FOR PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL BE OF HOT-DIPPED ZINC COATED GALVANIZED, STAINLESS STEEL, CLICON BRONZE OR COPPER.

CONCRETE NOTES:

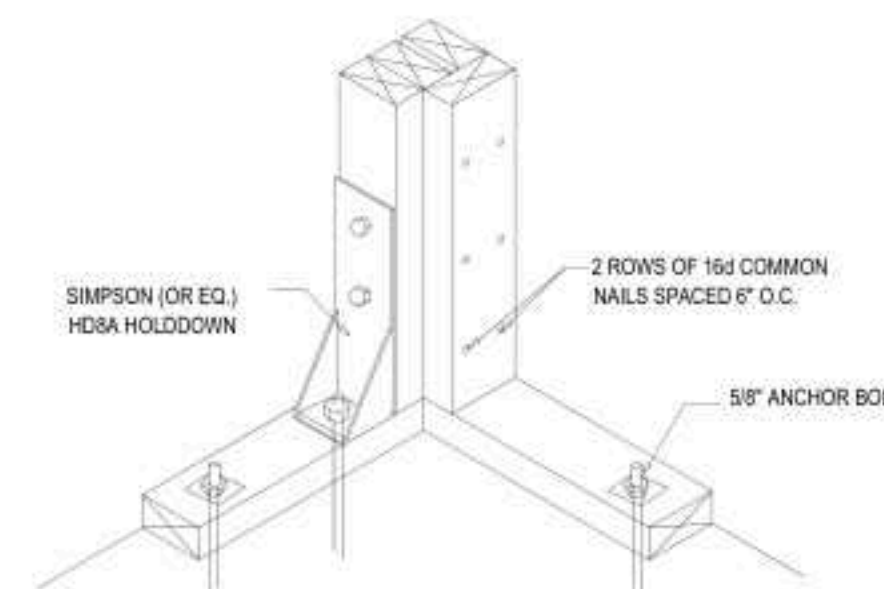
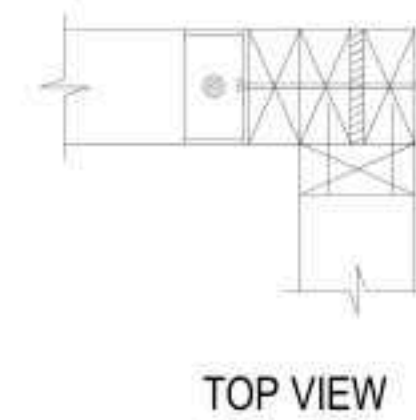
1. FOUNDATION CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.
2. RE-BARS TOWELS AND OTHER EMBEDDED ELEMENTS SHALL BE SECURED IN PLACE (AND APPROVED BY THE BUILDING OFFICIAL) BEFORE POURING CONCRETE.
3. COLD JOINTS MAY BE USED WHERE SHOWN. JOINTING SURFACE SHALL BE CLEAN FREE OF FOREIGN MATERIAL AND INTENTIONALLY ROUGHENED.
4. SPECIAL INSPECTIONS REQUIRED WHERE CONCRETE STRENGTH GREATER THAN 2500 PSI IS SPECIFIED.

WINDOW AND SLIDING GLASS DOOR NOTES:

1. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL WINDOWS, PATIO DOORS AND SKYLIGHTS AND PROVIDE ALL FLASHING AND CAULKING REQUIRED TO PROVIDE A WEATHER PROOF INSTALLATION. THE INSTALLATION SHALL CONFORM TO CEC AIR FILTRATION STANDARDS.
2. WINDOWS AND PATIO DOORS SHALL BE LABELED PER THE CBC.
3. WINDOWS AND PATIO DOORS SHALL HAVE DOUBLE GLAZING AND WEATHER-STRIPPING MEETING ANSI AND CEC AIR FILTRATION STANDARDS.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL SCREENS AT ALL OPENINGS.



TOP PL. INT./EXT. WALL CONN.



CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
STRUCTURAL
DETAILS-5

Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR

S9

Scale	3/8" = 1'-0"
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TABLE R602.3(1)			
FASTENING SCHEDULE			
ITEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENERS, b, c	SPACING AND LOCATION
		Roof	
1.	Blocking between ceiling joists or rafters to top plate	4-8d box (21/2" x 0.113") or 3-8d common (21/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails	Toe nail
2.	Ceiling joists to top plate	4-8d box (21/2" x 0.113"); or 3-8d common (21/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails	Per joist, toe nail
3.	Ceiling joist not attached to parallel rafter, laps over partitions (see Section R802.5.2 and Table R802.5.2)	4-10d box (3" x 0.128"); or 3-16d common (31/2" x 0.162"); or 4-3" x 0.131" nails	Face nail
4.	Ceiling joist attached to parallel rafter (heel joint) (see Section R802.5.2 and Table R802.5.2)	Table R802.5(2)	Face nail
5.	Collar tie to rafter, face nail or 11/4" x 20 ga. ridge strap to rafter	4-10d box (3" x 0.128"); or 3-10d common (3" x 0.148"); or 4-3" x 0.131" nails	Face nail each rafter
6.	Rafter or roof truss to plate	3-16d box nails (31/2" x 0.135"); or 3-10d common nails (31/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails	2 toe nails on one side and 1 toe nail on opposite side of each rafter or truss
7.	Roof rafters to ridge, valley or hip rafters or roof rafter to minimum 2" ridge beam	4-16d (31/2" x 0.135"); or 3-10d common (31/2" x 0.148"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails	Toe nail
		5-16d box (31/2" x 0.135"); or 2-16d common (31/2" x 0.162"); or 3-10d box (3" x 0.128"); or 4-3" x 0.131" nails	End nail
		Wall	
8.	Stud to stud (not at braced wall panels)	16d common (31/2" x 0.162"); 10d box (3" x 0.128"); or 3" x 0.131" nails	24" o.c. face nail
9.	Stud to stud and abutting studs at intersecting wall corners (at braced wall panels)	16d box (31/2" x 0.135"); or 3" x 0.131" nails	16" o.c. face nail
10.	Built-up header (2" to 2" header with 1/2" spacer)	16d common (31/2" x 0.162")	16" o.c. each edge face nail
11.	Continuous header to stud	16d box (31/2" x 0.135")	12" o.c. each edge face nail
12.	Top plate to top plate	5-8d box (21/2" x 0.113"); or 4-8d common (21/2" x 0.131"); or 4-10d box (3" x 0.128")	Toe nail
13.	Double top plate splice	16d common (31/2" x 0.162"); 10d box (3" x 0.128"); or 3" x 0.131" nails	16" o.c. face nail
14.	Bottom plate to joist, rim joist, band joist or blocking (not at braced wall panels)	16d box (31/2" x 0.135"); or 3" x 0.131" nails	12" o.c. face nail
15.	Bottom plate to joist, rim joist, band joist or blocking (at braced wall panel)	3-16d box (31/2" x 0.135"); or 2-16d (31/2" x 0.162"); or 4-3" x 0.131" nails	3 each 16" o.c. face nail 2 each 16" o.c. face nail 4 each 16" o.c. face nail
16.	Top or bottom plate to stud	4-8d box (21/2" x 0.113"); or 3-16d box (31/2" x 0.135"); or 4-8d common (21/2" x 0.131"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails	Toe nail
		3-16d box (31/2" x 0.135"); or 2-16d common (31/2" x 0.162"); or 3-10d box (3" x 0.128"); or 4-3" x 0.131" nails	End nail
17.	Top plates, laps at corners and intersections	3-10d box (3" x 0.128"); or 2-16d common (31/2" x 0.162"); or 3-3" x 0.131" nails	Face nail
18.	1" brace to each stud and plate	3-8d box (21/2" x 0.113"); or 2-8d common (21/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2 staples 13/4" long	Face nail
19.	1" x 6" sheathing to each bearing	3-8d box (21/2" x 0.113"); or 2-8d common (21/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2 staples 13/4" long	Face nail
20.	1" x 8" and wider sheathing to each bearing	3-8d box (21/2" x 0.113"); or 2-8d common (21/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2 staples 13/4" long	Face nail
		Wider than 1" x 8" 4-8d box (21/2" x 0.113"); or 3-8d common (21/2" x 0.131"); or 3-10d box (3" x 0.128"); or 4 staples, 1" crown, 16 ga., 13/4" long	Face nail
		Floor	
21.	Joist to sill, top plate or girder	4-8d box (21/2" x 0.113"); or 3-8d common (21/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails	Toe nail
22.	Rim joist, band joist or blocking to sill or top plate (roof applications also)	8d box (21/2" x 0.113")	4" o.c. toe nail
23.	1" x 6" subfloor or less to each joist	8d common (21/2" x 0.131"); or 10d box (3" x 0.128"); or 3" x 0.131" nails	6" o.c. toe nail
24.	2" subfloor to joist or girder	3-8d box (21/2" x 0.113"); or 2-8d common (21/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2 staples, 1" crown, 16 ga., 13/4" long	Face nail
25.	2" planks (plank & beam—floor & roof)	3-8d box (21/2" x 0.113"); or 3-8d common (21/2" x 0.131"); or 3-10d box (3" x 0.128"); or 2 staples, 1" crown, 16 ga., 13/4" long	Blind and face nail
26.	Band or rim joist to joist	3-16d box (31/2" x 0.135"); or 2-16d common (31/2" x 0.162")	At each bearing, face nail
27.	Built-up girders and beams, 2-inch lumber layers	3-16d common (31/2" x 0.162"); 4-10 box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" x 14 ga. staples, 7/16" crown	End nail
		20d common (4" x 0.192"); or 10d box (3" x 0.128"); or 3" x 0.131" nails	Nail each layer as follows: 32" o.c. at top and bottom and staggered.
28.	Ledger strip supporting joists or rafters	And: 2-20d common (4" x 0.192"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails	24" o.c. face nail at top and bottom staggered on opposite sides
29.	Bridging or blocking to joist	4-16d box (31/2" x 0.135"); or 3-16d common (31/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails	Face nail at ends and at each splice
		2-10d box (3" x 0.128"); or 2-8d common (31/2" x 0.135"); or 2-3" x 0.131" nails	At each joist or rafter, face nail
			Each end, toe nail

ITEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENERS, b, c	SPACING OF FASTENERS	
			Edges (inches)h	Intermediate supports, e (inches)
	Wood structural panels, subfloor, roof and interior wall sheathing to framing and particleboard wall sheathing to framing (see Table R602.3(3) for wood structural panel exterior wall sheathing to wall framing)			
30.	3/8" - 1/2"	6d common (2" x 0.113") nail (subfloor, wall); 8d common (21/2" x 0.131") nail (roof); or RSRS-01 (23/8" x 0.113") nail (roof)	6	12f
31.	19/32" - 1"	8d common nail (21/2" x 0.131"); or RSRS-01 (23/8" x 0.113") nail (roof)	6	12f
32.	11/8" - 11/4"	10d common (3" x 0.148") nail; or 8d (21/2" x 0.131") deformed nail	6	12
	Other wall sheathing			
33.	1/2" structural cellulose fiberboard sheathing	11/2" galvanized roofing nail, 7/16" head diameter, or 11/4" long 16 ga. staple with 7/16" or 1" crown	3	6
34.	25/32" structural cellulose fiberboard sheathing	13/4" galvanized roofing nail, 7/16" head diameter, or 11/2" long 16 ga. staple with 7/16" or 1" crown	3	6
35.	1/2" gypsum sheathingd	11/2" galvanized roofing nail, staple galvanized, 11/2" long; 11/4" screws, Type W or S	7	7
36.	5/8" gypsum sheathingd	13/4" galvanized roofing nail, staple galvanized, 15/8" long; 15/8" screws, Type W or S	7	7
	Wood structural panels, combination subfloor underlayment to framing			
37.	3/4" and less	6d deformed (2" x 0.120") nail; or 8d common (21/2" x 0.131") nail	6	12
38.	7/8" - 1"	8d common (21/2" x 0.131") nail; or 8d deformed (21/2" x 0.120") nail	6	12
39.	11/8" - 11/4"	10d common (3" x 0.148") nail; or 8d deformed (21/2" x 0.120") nail	6	12

1. A. NAILS ARE SMOOTH-COMMON, BOX OR DEFORMED SHANKS EXCEPT WHERE OTHERWISE STATED. NAILS USED FOR FRAMING AND SHEATHING CONNECTIONS SHALL HAVE MINIMUM AVERAGE BENDING YIELD STRENGTHS AS SHOWN: 80 KSI FOR SHANK DIAMETER OF 0.192 INCH (20D COMMON NAIL), 90 KSI FOR SHANK DIAMETERS LARGER THAN 0.142 INCH BUT NOT LARGER THAN 0.177 INCH, AND 100 KSI FOR SHANK DIAMETERS OF 0.142 INCH OR LESS.

2. B. STAPLES ARE 16 GAGE WIRE AND HAVE A MINIMUM 7/16-INCH ON DIAMETER CROWN WIDTH.

3. C. NAILS SHALL BE SPACED AT NOT MORE THAN 6 INCHES ON CENTER AT ALL SUPPORTS WHERE SPANS ARE 48 INCHES OR GREATER.

4. D. FOUR-FOOT BY 8-FOOT OR 4-FOOT BY 9-FOOT PANELS SHALL BE APPLIED VERTICALLY.

5. E. SPACING OF FASTENERS NOT INCLUDED IN THIS TABLE SHALL BE BASED ON TABLE R602.3(2).

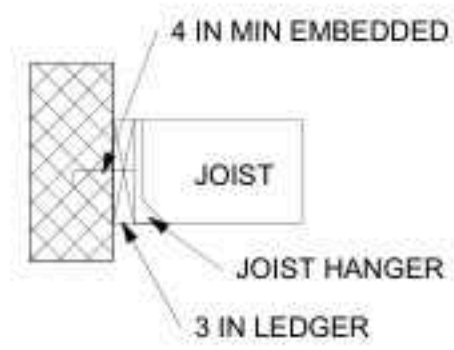
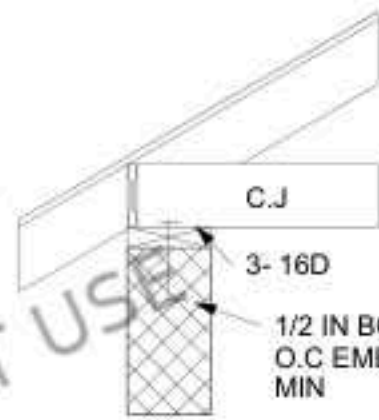
6. F. FOR WOOD STRUCTURAL PANEL ROOF SHEATHING ATTACHED TO GABLE END ROOF FRAMING AND TO INTERMEDIATE SUPPORTS WITHIN 48 INCHES OF ROOF EDGES AND RIDGES, NAILS SHALL BE SPACED AT 6 INCHES ON CENTER WHERE THE ULTIMATE DESIGN WIND SPEED IS LESS THAN 130 MPH AND SHALL BE SPACED 4 INCHES ON CENTER WHERE THE ULTIMATE DESIGN WIND SPEED IS 130 MPH OR GREATER BUT LESS THAN 140 MPH.

7. G. GYPSUM SHEATHING SHALL CONFORM TO ASTM C1396 AND SHALL BE INSTALLED IN ACCORDANCE WITH GA 253. FIBERBOARD SHEATHING SHALL CONFORM TO ASTM C208.

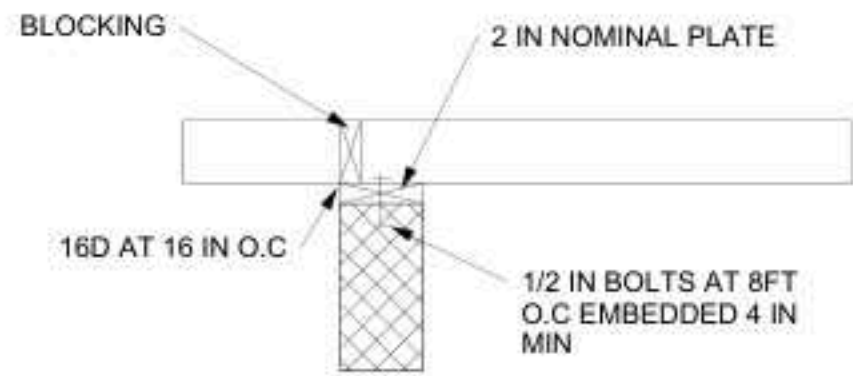
8. H. SPACING OF FASTENERS ON FLOOR SHEATHING PANEL EDGES APPLIES TO PANEL EDGES SUPPORTED BY FRAMING MEMBERS AND REQUIRED BLOCKING AND AT FLOOR PERIMETERS ONLY. SPACING OF FASTENERS ON ROOF SHEATHING PANEL EDGES APPLIES TO PANEL EDGES SUPPORTED BY FRAMING MEMBERS AND REQUIRED BLOCKING. BLOCKING OF ROOF OR FLOOR SHEATHING PANEL EDGES PERPENDICULAR TO THE FRAMING MEMBERS NEED NOT BE PROVIDED EXCEPT AS REQUIRED BY OTHER PROVISIONS OF THIS CODE. FLOOR PERIMETER SHALL BE SUPPORTED BY FRAMING MEMBERS OR SOLID BLOCKING.

9. I. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE, PROVIDE TWO TOE NAILS ON ONE SIDE OF THE RAFTER AND TOE NAILS FROM THE CEILING JOIST TO TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE. THE TOE NAIL ON THE OPPOSITE SIDE OF THE RAFTER SHALL NOT BE REQUIRED.

10. J. RSRS-01 IS A ROOF SHEATHING RING SHANK NAIL MEETING THE SPECIFICATIONS IN ASTM F1663.



4 ANCHORAGE DETAILS
3/4" = 1'-0"



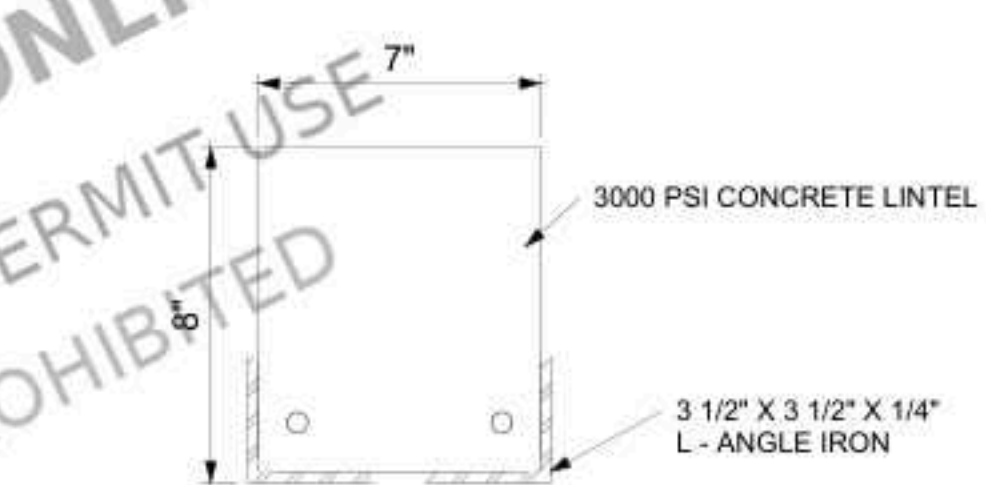
JOIST SPAN	BOLT SIZE AND SPACING	
	ROOF	FLOOR
10 FT	1/2 AT 26" 7/8 AT 36"	1/2 AT 20" 7/8 AT 29"
10 FT-15FT	1/2 AT 19" 7/8 AT 26"	1/2 AT 14" 7/8 AT 20"
15 FT-20FT	1/2 AT 13" 7/8 AT 20"	1/2 AT 10" 7/8 AT 16"



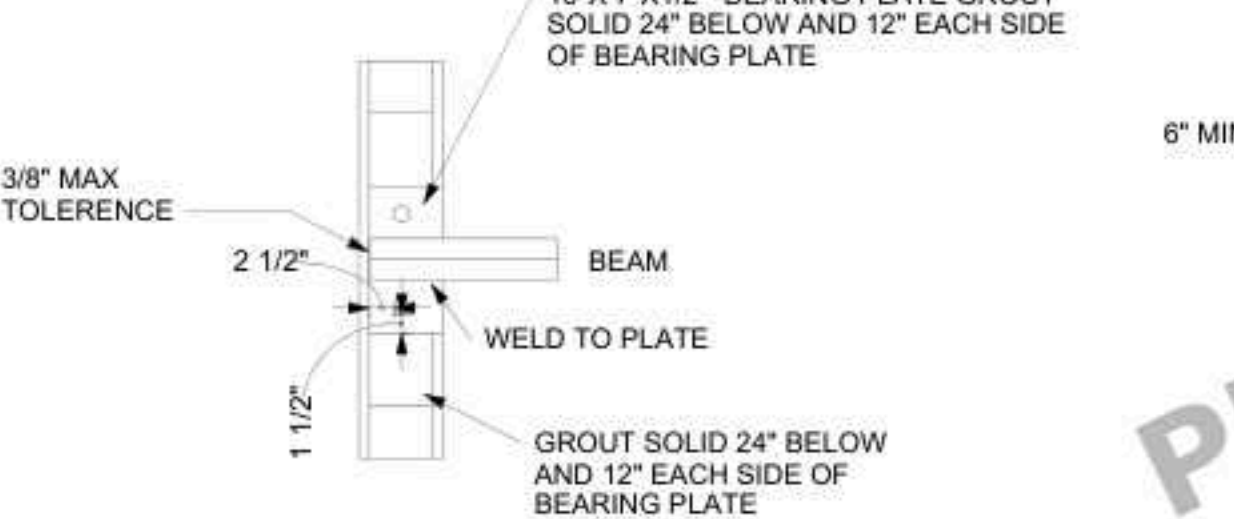
1 BEAM TO CMU WALL
3/4" = 1'-0"



5 STANDARD HOOK
N.T.S



3 DOUBLE ANGLE IRON LINTEL DETAIL A
N.T.S



2 BEAM CMU WALL EMBEDDING TOP VIEW
3/4" = 1'-0"

CLIENT

Client Name

DEBRAY AVE, FLORIDA
32725, USA

NOTES:

ALL UNITS IN FEET AND INCHES
UNLESS OTHER WISE SPECIFIED

DRAWING NAME
STRUCTURAL
DETAILS-6

Project number	Project Number
Date	Issue Date
Drawn by	ABD
Checked by	AMR

S10

Scale	12" = 1'-0"
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