

FOUNDATION LEGEND	
SYMBOL	DESIGN DESCRIPTION
	INDICATES FILLED CELL w/3000 PSI CONCRETE CONSTRUCTED PER DETAIL MS01/SN AND SPACED PER PLAN
	INDICATES FILLED CELL BELOW WINDOWS w/3000 PSI CONCRETE CONSTRUCTED PER DETAIL MS01/SN AND SPACED PER PLAN
	INDICATES CONCRETE FOOTING w/ MINIMUM SOIL BEARING CAPACITY OF 2000 PSF. REINFORCE PER GENERAL FOUNDATIONS SCHEDULE ON SHEET SN FOR DESIGN SPECIFICATIONS.
	INDICATES CONSTRUCTION JOINT (IF SHOWN) SHALL BE 1/2" x 1" SAW CUTS FILLED WITH APPROVED SLAB JOINT MATERIAL COVERING A 12"x12" SQUARE MAXIMUM
	INDICATES STEP IN FOUNDATION. VERIFY PER ARCHITECTURAL PLANS CONSTRUCT PER PLAN SECTION CUT AND DETAIL SHEET D1
	4" 2500 PSI CONC. SLAB W/ REINF. PER SO w/6 MIL VISQUEEN VAPOR BARRIER & TREATED FOR TERMITES. SEE FOUNDATION SCHEDULE ON SN
	INDICATES BUILT UP COLUMN, SEE FRAMING PLAN FOR SIZE, DETAIL WF37/SN FOR PLY ATTACHMENT, AND UPLIFT CONNECTION SCHEDULE ON SN FOR CONNECTION TO SLAB
GENERAL NOTES: 1. TYPICAL CORNER FRAMING PER DETAIL FM19/D1 2. SEE ARCHITECTURAL PLANS FOR ALL SLAB STEP DEPTHS IF SHOW SHOWN WITHIN THESE DOCUMENTS.	
FILLED CELL NOTES: 1. SEE PLAN FOR ZONE MIDDLE AND END DESIGNATIONS 2. PLACE FILLED CELLS AT ALL BUILDING CORNER, UNDER GIRDERS, BOTH ENDS OF EXTERIOR WALL OPENING, AND WHERE INTERIOR BEARING WALLS ARE PERPENDICULAR TO EXTERIOR MASONRY WALL. 3. PLACE 1-#5 IN FIRST TWO CELLS ADJACENT TO GARAGE DOOR OPENING & ALL OPENINGS 8'-0" & LARGER. FILL CELLS SOLID. 4. PLACE 1-#5 WHERE WOOD BEAMS CONNECT TO MASONRY WALL 5. NO NOT PLACE FILLED CELLS DIRECTLY IN LINE W/ STOVE VENT	

PLAN KEY NOTES	
1	12" x 12" CMU COL. w/ (2) #5 - T/COL. EL. 9'-4" A.F.F.

BUILDER NOTE:
 ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO COMMENCEMENT OF CONSTRUCTION

WALL TYPE	
SYMBOL	DESIGN DESCRIPTION
	2x INTERIOR BEARING SHEARWALL - SEE BEARING WALL SCHEDULE ON SHEET SN FOR REQUIREMENTS.
	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN
	MASONRY WALL TOP @ 9'-4"
	MASONRY WALL TOP @ 10'-8" ABV. GRADE
	MASONRY WALL TOP @ 10'-8" ABV. GRADE

KEY PLAN

FOUNDATION PLAN
 SCALE: 1/4" = 1'-0"

B&A Design Studio, Inc.
 4017 W. 1st Street
 Sanford, FL 32771
 ph 407 829 8900
 fax 407 829 2040
 www.badesignstudios.com

A.I. BUILDING DESIGN

FDS
 258 Southhall Lane, Suite 200, Maitland, FL 32751
 O: 321-972-0491 F: 407-880-2304
 Certificate of Authorization No. 9161
 Scott A. Brown, P.E., P.F.S.
 SEPT. ENGINEERING, P.C.
 DATE: January 26, 2023

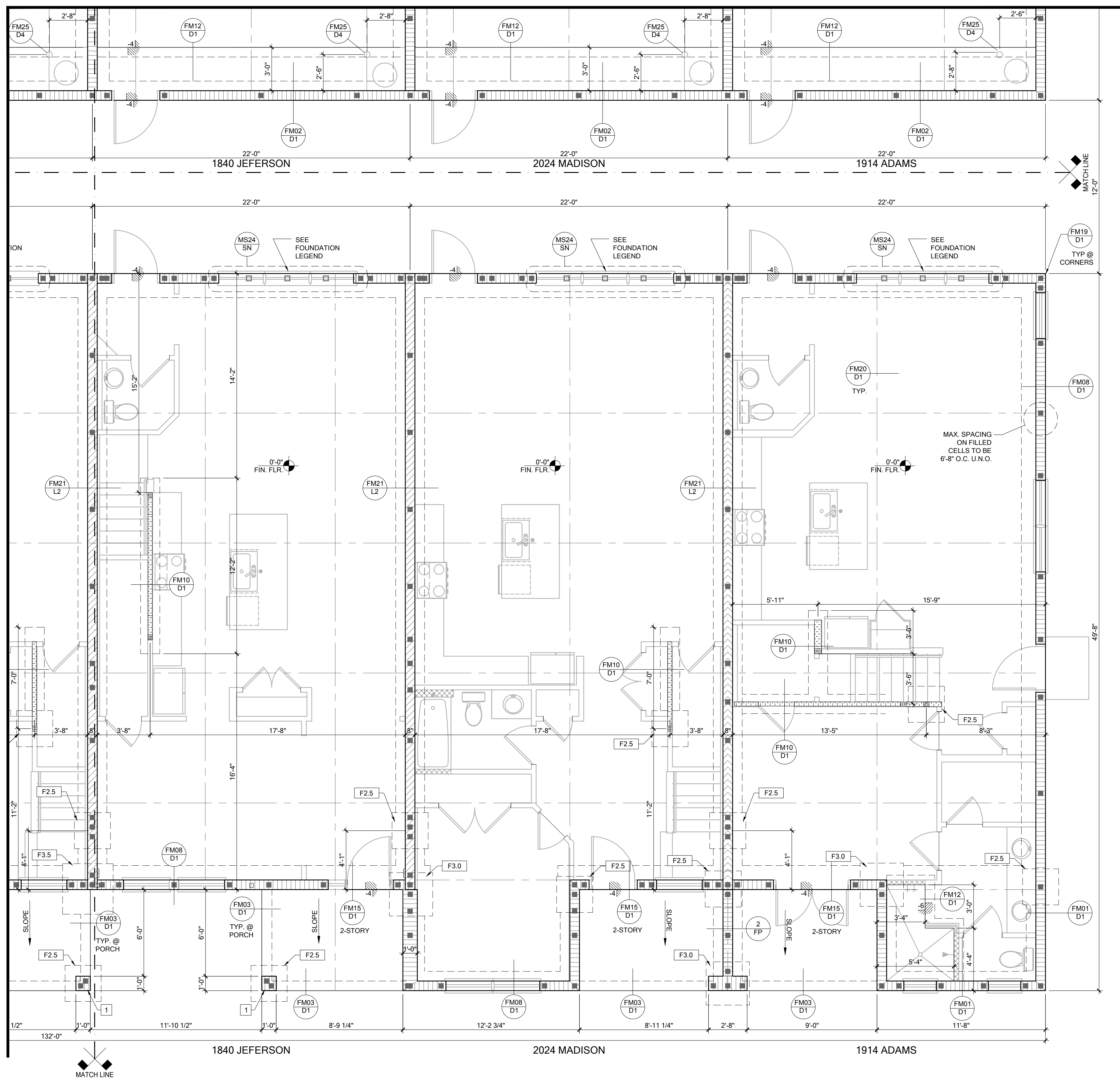
PARK SQUARE
HORIZONS WEST
6-UNIT - ADAMS END UNITS

title: _____

project no. 2022144
 checked: AB
 drawn: _____
 date: 05-19-22
 scale: _____

S1.1

NOTE: DRAWINGS ON 11"x17" SHEET WILL BE ONE HALF THE SCALE NOTED



FOUNDATION LEGEND

SYMBOL	DESIGN DESCRIPTION
■	INDICATES FILLED CELL w/3000 PSI CONCRETE CONSTRUCTED PER DETAIL MS01/SN AND SPACED PER PLAN
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0'-0" FIN. FLR.	4" 2500 PSI CONC. SLAB W/ REINF. PER S0 w/6 MIL VISQUEEN VAPOR BARRIER & TREATED FOR TERMITES. SEE FOUNDATION SCHEDULE ON SN
■	INDICATES BUILT UP COLUMN, SEE FRAMING PLAN FOR SIZE, DETAIL WF37/SN FOR PLY ATTACHMENT, AND UPLIFT CONNECTION SCHEDULE ON SN FOR CONNECTION TO SLAB

GENERAL NOTES:
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 2. SEE ARCHITECTURAL PLANS FOR ALL SLAB STEP DEPTHS IF SHOW SHOWN WITHIN THESE DOCUMENTS.

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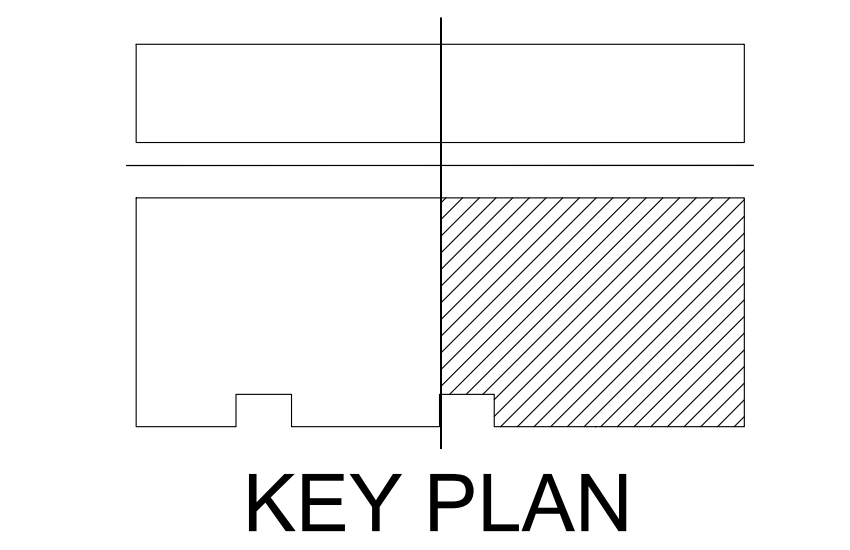
PLAN KEY NOTES

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FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

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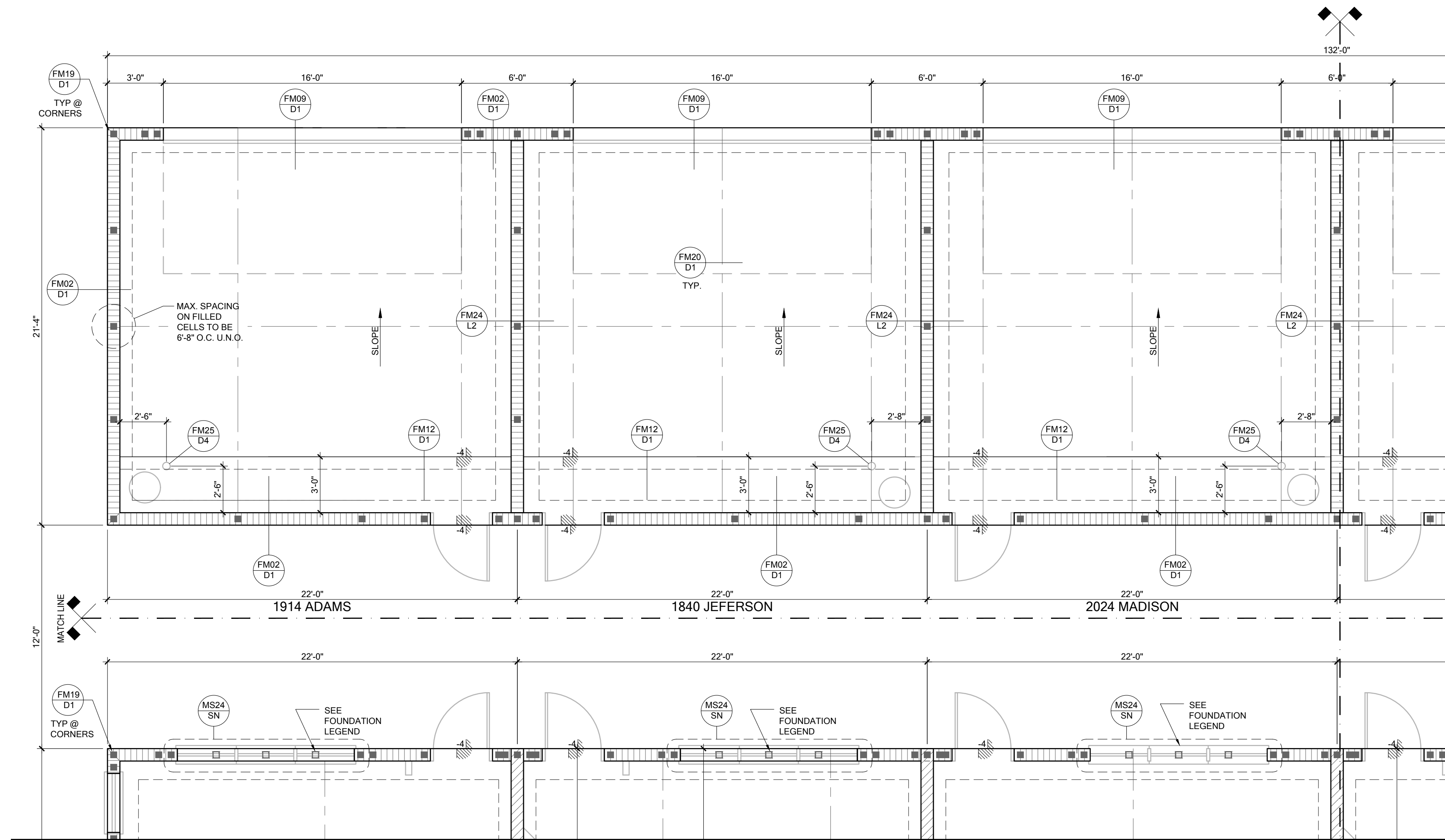
A.I. BUILDING DESIGN
 AMERICAN BUILDING DESIGN

FDS
 258 Southhall Lane, Suite 200, Maitland, FL 32751
 O: 321-972-0491 F: 407-880-2304
 Certificate of Authorization No. 9161
 SCOTT A. BROWN, P.E., P.F.S.
 SCOTT B. BROWN, P.E., P.F.S.
 DATE: January 26, 2023

**PARK SQUARE
 HORIZONS WEST
 6-UNIT - ADAMS END UNITS**

project no. 2022144
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NOTE: DRAWINGS ON 11"x17" SHEET WILL BE ONE HALF THE SCALE NOTED

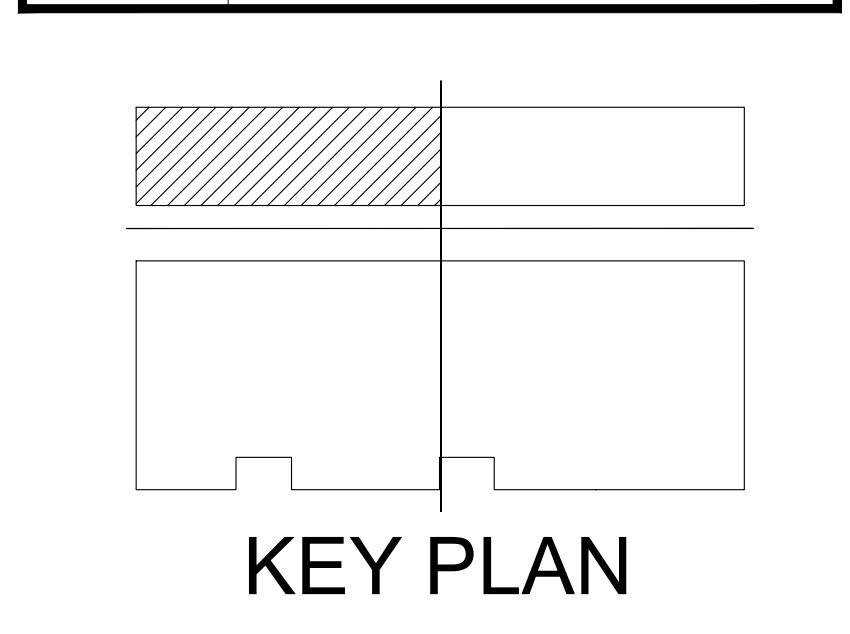


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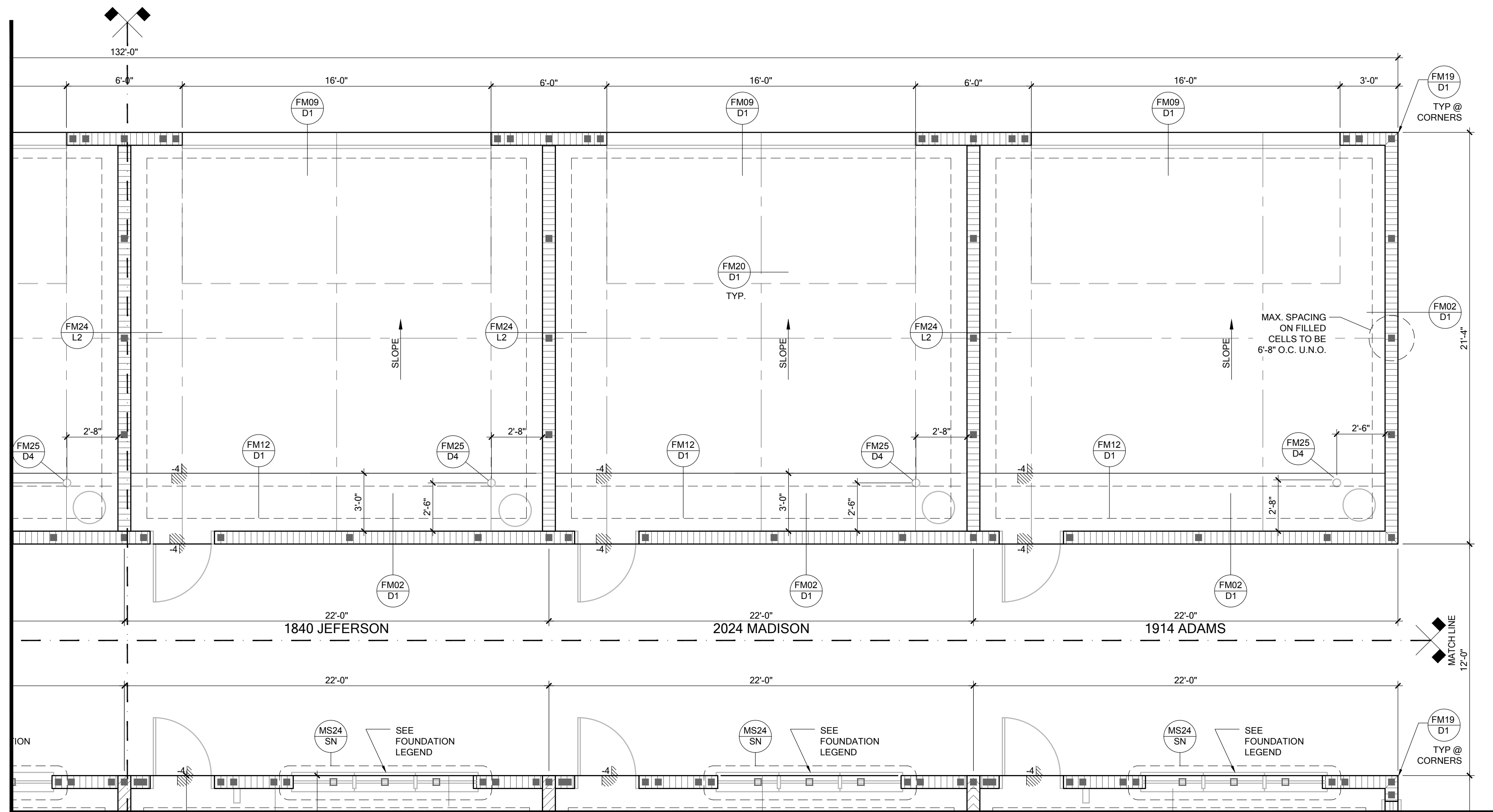
A.I. BUILD AMERICAN BUILDING DESIGN

FDS
 258 Southhall Lane, Suite 200, Maitland, FL 32751
 O: 321-972-0491 F: 407-880-2304
 Certificate of Authorization No. 9161
 SCOTT A. BROWN, P.E. #19792
 SCOTT LEWIS, P.E. #149780
 DATE: January 26, 2023
 TO THE BEST OF OUR KNOWLEDGE AND BELIEF, WE CERTIFY THAT THE ENGINEER HAS PREPARED THE DESIGN AND DESIGN CALCULATIONS IN ACCORDANCE WITH THE PROFESSIONAL SEAL AND LICENSE REQUIREMENTS OF THE STATE OF FLORIDA.

PARK SQUARE
HORIZONS WEST
6-UNIT - ADAMS END UNITS

title: _____
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S1.3

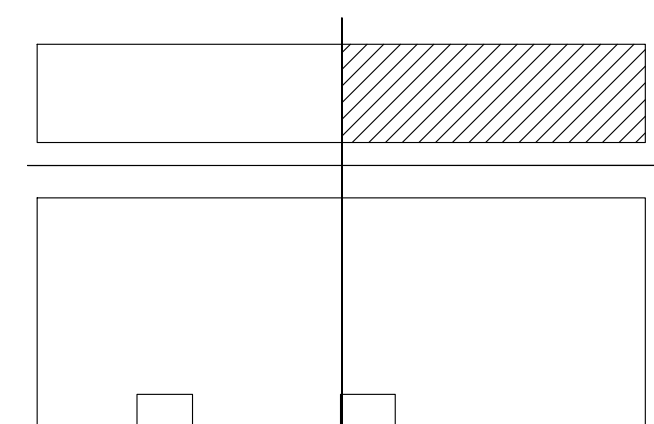
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KEY PLAN

FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

B&A Design Studio, Inc.

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FDS

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PARK SQUARE

HORIZONS WEST

6-UNIT - ADAMS END UNITS

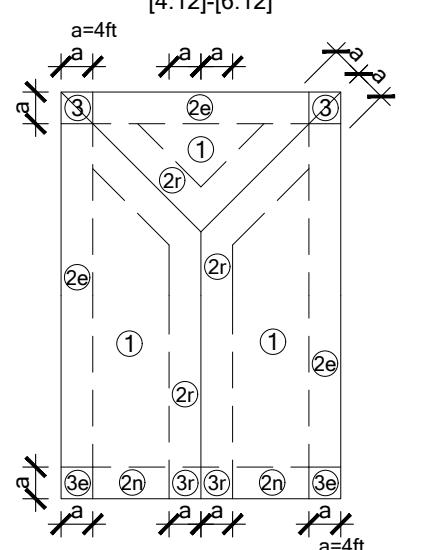
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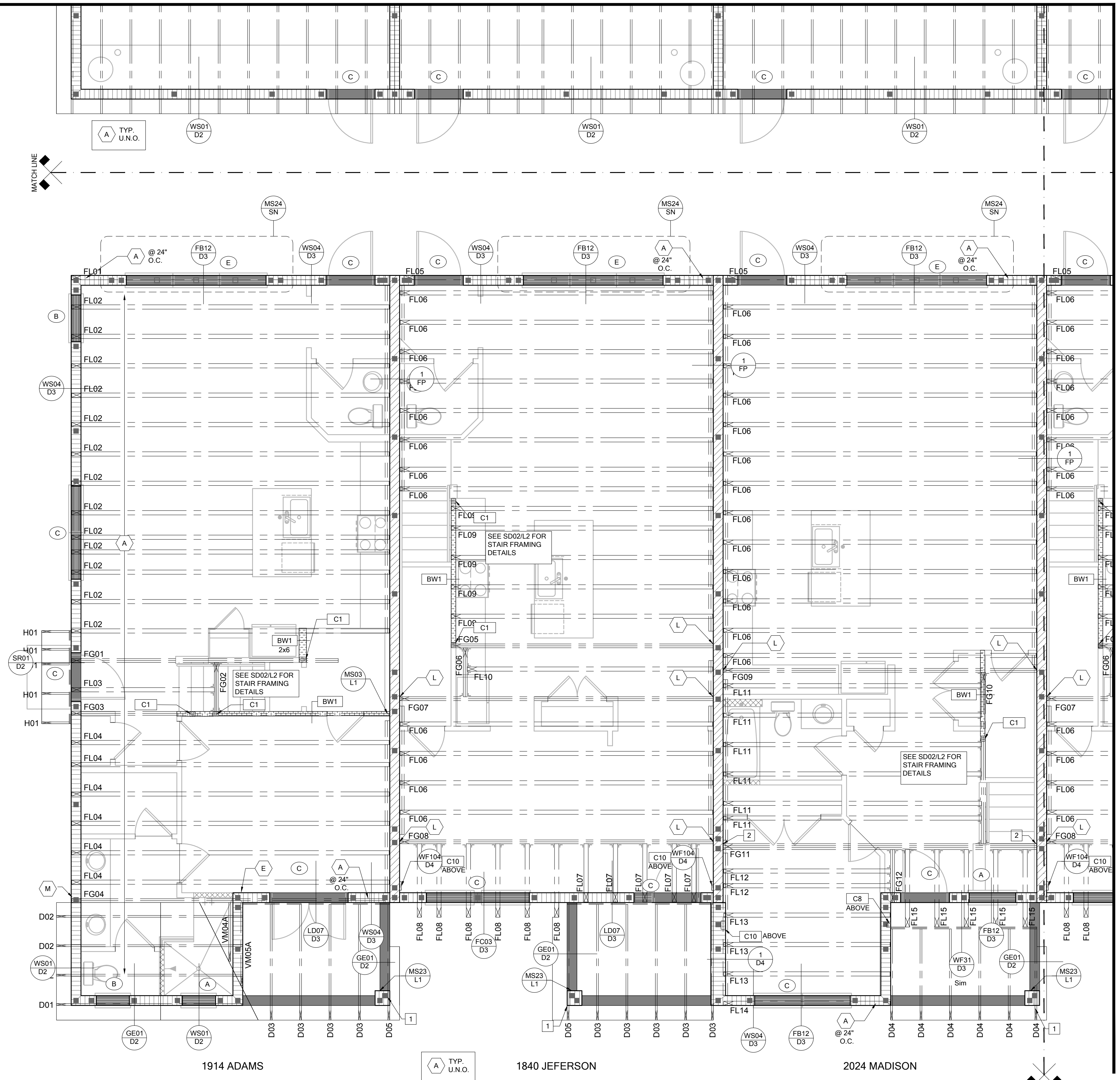
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S1.4

NOTE: DRAWINGS ON 11"x17" SHEET WILL BE ONE HALF THE SCALE NOTED

RSH	ENGINEERED ROOF PER ASCE 7-16 ROOF DESIGN ALLOWABLE COMPONENTS AND CLADDING WIND PRESSURES AND SUCTIONS FOR MEAN ROOF HEIGHT ≤ 25 ft							
WIND SPEED (ULTIMATE)	140.0 MPH							
WIND SPEED (ALLOWABLE)	108.4 MPH							
EXPOSURE CATEGORY	C							
EFFECTIVE WIND AREA (SQ FEET)	WIND PRESSURE AND SUCTION (PSF) (+) VALUE DENOTES PRESSURE (-) VALUE DENOTES SUCTION							
AREA	ROOF	1	2e	2n	2r	3	3e	3r
10	HIP	-35.94	-49.57	-49.57	-49.57	-49.57	-60.99	-78.58
	GABLE	-38.22	-38.22	-60.99	-60.99	-60.99	-60.99	-78.58
ROOF NAILING SCHEDULE/ NAILING ZONES (SHINGLE AND TILE):								
ZONE 1: ASTM F1667 RSR-01 (8d) NAILS @ 6" O.C. ON EDGE AND 6" O.C. IN FIELD								
ZONE 2e, 2n, 2r: ASTM F1667 RSR-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD								
ZONE 3, 3e, 3r: ASTM F1667 RSR-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD								
ROOF SHEATHING: SHINGLE: 7/16" EXP. 1 (2%) or 1 1/2" EXP. 1 (2%)								
TILE: NOTE: 1 1/2" EXP. 1 (2%)								
1. PER CODE ASTM F1667 RSR-01 REFERENCE TO 8d (2 1/2" x 0.113") NAILS								
2. WHERE THE SHEATHING THICKNESS IS GREATER THAN 1 1/2", SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSR-03 10d (2 1/2" x 0.131") NAILS OR ASTM F1667 RSR-04 (3" x 120") NAILS								
3. GABLES- DROP GABLE END & (1) ADDITIONAL DROPPED TRUSS 2x4 #2 SYP OUTLOOKER RAFTER W/ BLOCKING @ 16" O.C. IF NO DROPPED GABLE END, ATTACH 2x4 #2 SYP BLOCKING @ 16" O.C. FIRST 4 BAYS WITH (2) 12d NAILS EA. END. ATTACH ROOF SHEATHING TO RAFTERS W/ BLOCKING PER NAILING SCHEDULE.								
HIP ROOF > 20 TO 27 DEG. [4-12]-[6-12]								
								
GABLE ROOF > 20 TO 27 DEG. [4-12]-[6-12]								



SYMBOL	DESIGN DESCRIPTION
	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
	INDICATES PERFORATED SHEAR WALL, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
	INDICATES BUILT UP COLUMN, SEE FRAMING PLAN FOR SIZE, DETAIL WF37/SN FOR PLY ATTACHMENT AND UPLIFT CONNECTION SCHEDULE ON SN FOR CONNECTION TO SLAB
	INDICATES NO BOTTOM CONNECTOR REQUIRED
	INDICATES UPLIFT CONNECTION CONSTRUCTED PER DETAIL UPLIFT CONNECTOR SCHEDULE ON SHEET SN
	INDICATES WINDOW PRESSURE - SEE S0 FOR MORE INFORMATION.
	INDICATES LINTEL PER LINTEL PLAN

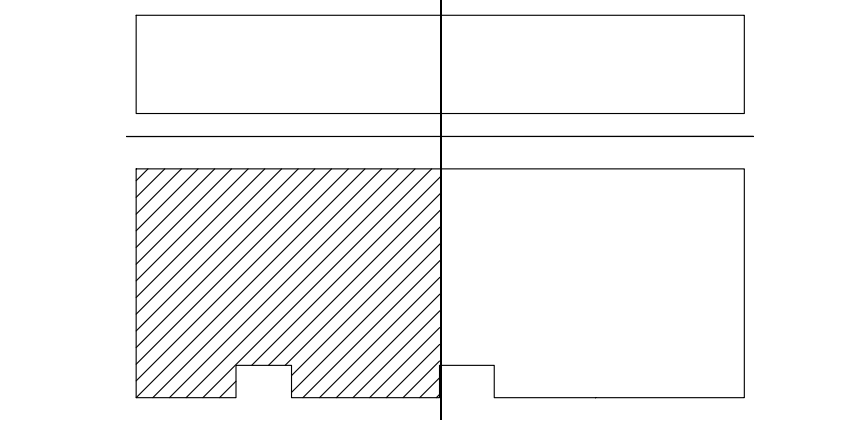
- FRAMING NOTES:**
- SEE WIND SPEED CHART ON S0 FOR WINDOW PRESSURES
 - AT SECOND FLOOR FOR TYPICAL CORNER FRAMING SEE DETAIL FB06/D3
- GENERAL NOTES:**
- THE FRAMING PLAN SHOWN INDICATES THE "TRUSS SYSTEM" AND IS THE RESPONSIBILITY OF THE TRUSS SYSTEM ENGINEER (DESIGN PROFESSIONAL OF RECORD), THE TRUSS DESIGN ENGINEER (DELEGATED ENGINEER) HAS FINAL, RESPONSIBILITY FOR EACH INDIVIDUAL TRUSS AND TRUSS PROFILE, AND IS TO SUBMIT A FINAL SET OF TRUSS ENGINEERING SIGNED AND SEALED TRUSS DRAWINGS TO DESIGN PROFESSIONAL OF RECORD FOR REVIEW PRIOR TO FABRICATION
 - ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES WITH IN THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO CONSTRUCTION.
 - SEE SHEET SN FOR DESIGN SCHEDULES AND NOTES: FOUNDATION SCHEDULE / COLUMN SCHEDULE / BEARING WALL SCHEDULE / BEAM SCHEDULE / HEADER SCHEDULE / CONNECTION SCHEDULE / FLOOR AND ROOF NOTES.

- PLAN KEY NOTES**
- 12" SQ CMU COLUMN W/(2)#5 FULLY GROUTED
 - LGM26-3-SDS CONNECTOR BY SIMPSON STRONG TIE w/(4) 3/8"x4" TITEN HD ANCHORS TO MASONRY AND (4) 1/4"x2-1/2" STRONG DRIVE SDS SCREWS

BUILDER NOTE:
TRUSS LAYOUT, CONNECTORS & ENGINEERING BASED ON TRUSSES PROVIDED BY MID FLORIDA LUMBER ACQUISITIONS. PROJECT NAME PSR6U w/ TRUSS DESIGN DATED 4/3/19 IF THE TRUSS LAYOUT SHOWN DOES NOT MATCH THE TRUSS MANUFACTURERS LAYOUT AND DATE ABOVE

---STOP---
AND CALL THE ENGINEER OF RECORD PRIOR TO PLACEMENT OF ANY TRUSSES.

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	MASONRY WALL TOP @ 10'-8" ABV. GRADE
	MASONRY WALL TOP @ 10'-8" ABV. GRADE



KEY PLAN
LOW ROOF & FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

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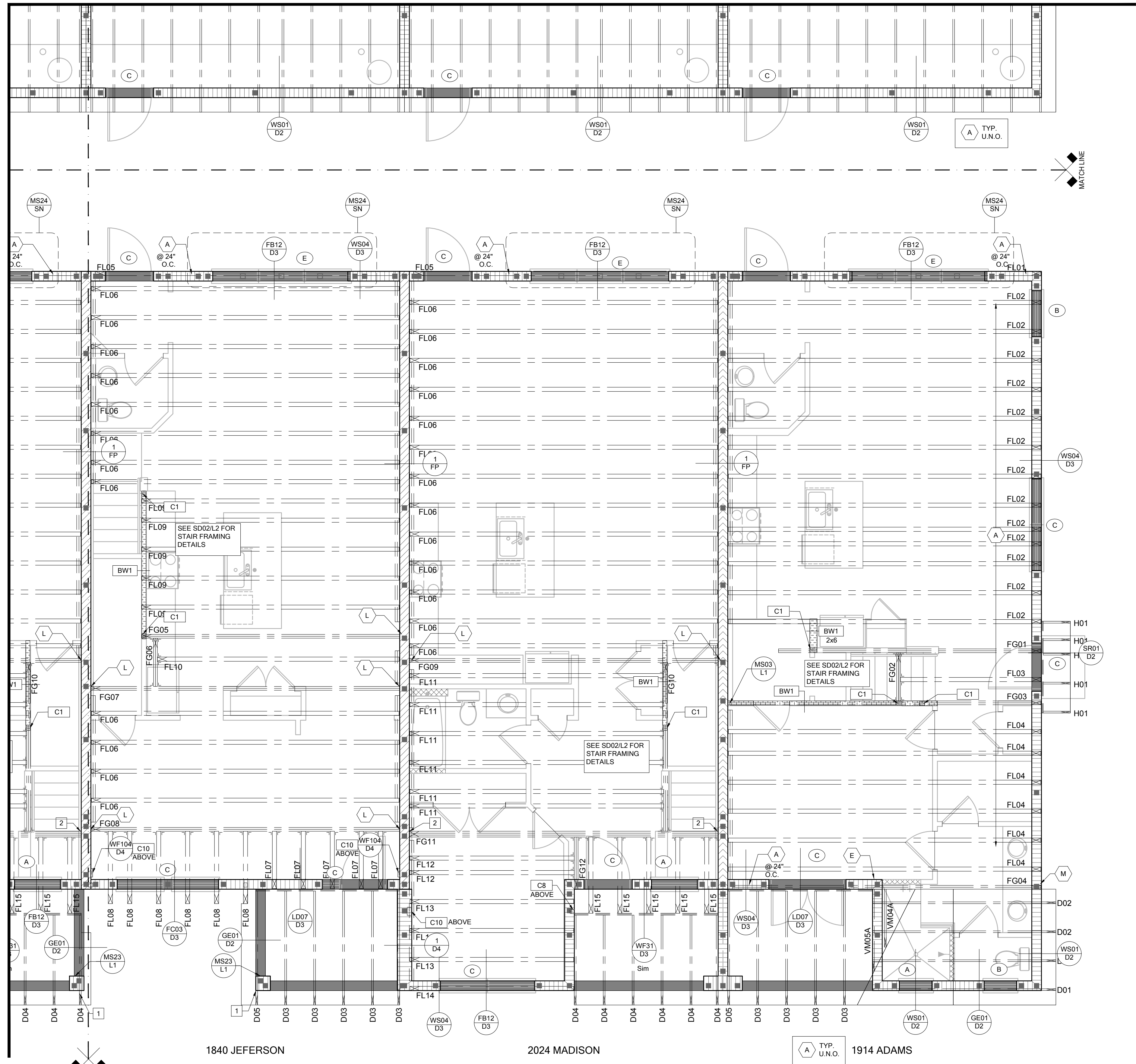
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ROOF SHEATHING: SHINGLE: 1/2" EXP. 1 (2%) or 1/2" EXP. 1 (2%)								
TILE: 1/2" EXP. 1 (2%)								
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BW	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
PSW	INDICATES PERFORATED SHEAR WALL, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
C#	INDICATES BUILT UP COLUMN, SEE FRAMING PLAN FOR SIZE, DETAIL WF37/SN FOR PLY ATTACHMENT AND UPLIFT CONNECTION SCHEDULE ON SN FOR CONNECTION TO SLAB
C#*	INDICATES NO BOTTOM CONNECTOR REQUIRED
#	INDICATES UPLIFT CONNECTION CONSTRUCTED PER DETAIL UPLIFT CONNECTOR SCHEDULE ON SHEET SN
#	INDICATES WINDOW PRESSURE - SEE S0 FOR MORE INFORMATION.
#	INDICATES LINTEL PER LINTEL PLAN

- FRAMING NOTES:**
- SEE WIND SPEED CHART ON S0 FOR WINDOW PRESSURES
 - AT SECOND FLOOR FOR TYPICAL CORNER FRAMING SEE DETAIL FB06/D3

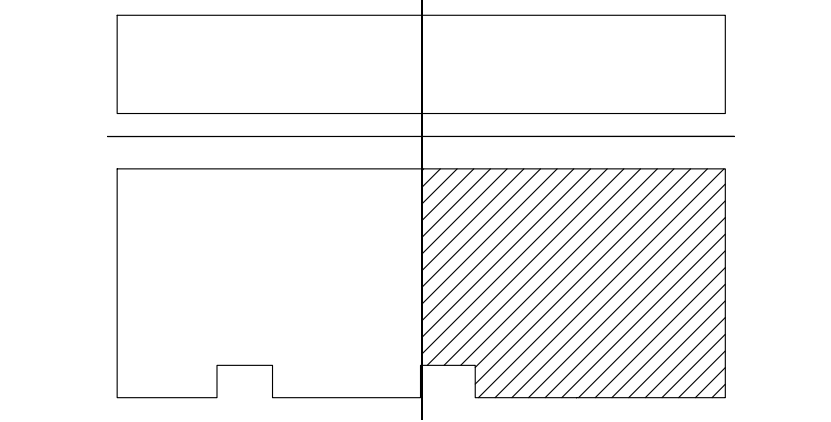
- GENERAL NOTES:**
- THE FRAMING PLAN SHOWN INDICATES THE "TRUSS SYSTEM" AND IS THE RESPONSIBILITY OF THE TRUSS SYSTEM ENGINEER (DESIGN PROFESSIONAL OF RECORD), THE TRUSS DESIGN ENGINEER (DELEGATED ENGINEER) HAS FINAL, RESPONSIBILITY FOR EACH INDIVIDUAL TRUSS AND TRUSS PROFILE, AND IS TO SUBMIT A FINAL SET OF TRUSS ENGINEERING SIGNED AND SEALED TRUSS DRAWINGS TO DESIGN PROFESSIONAL OF RECORD FOR REVIEW PRIOR TO FABRICATION
 - ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES WITH IN THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO CONSTRUCTION.
 - SEE SHEET SN FOR DESIGN SCHEDULES AND NOTES: FOUNDATION SCHEDULE / COLUMN SCHEDULE / BEARING WALL SCHEDULE / BEAM SCHEDULE / HEADER SCHEDULE / CONNECTION SCHEDULE / FLOOR AND ROOF NOTES.

- PLAN KEY NOTES**
- 12" SQ CMU COLUMN W/2#5 FULLY GROUTED
 - LGM26-3-SDS CONNECTOR BY SIMPSON STRONG TIE w/(4) 3/8"x4" TITEN HD ANCHORS TO MASONRY AND (4) 1/4"x2-1/2" STRONG DRIVE SDS SCREWS

BUILDER NOTE:
TRUSS LAYOUT, CONNECTORS & ENGINEERING BASED ON TRUSSES PROVIDED BY MID FLORIDA LUMBER ACQUISITIONS. PROJECT NAME PSR6U w/ TRUSS DESIGN DATED 4/3/19 IF THE TRUSS LAYOUT SHOWN DOES NOT MATCH THE TRUSS MANUFACTURERS LAYOUT AND DATE ABOVE

---STOP---
AND CALL THE ENGINEER OF RECORD PRIOR TO PLACEMENT OF ANY TRUSSES.

SYMBOL	DESIGN DESCRIPTION
2x	INTERIOR BEARING SHEARWALL - SEE BEARING WALL SCHEDULE ON SHEET SN FOR REQUIREMENTS.
2x	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN
#	MASONRY WALL TOP @ 9'-4"
#	MASONRY WALL TOP @ 10'-8" ABV. GRADE
#	MASONRY WALL TOP @ 10'-8" ABV. GRADE



KEY PLAN
LOW ROOF & FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

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O: 321-972-2491 F: 407-880-2304
Certificate of Authorization No. 9161
SOCIETY OF PROFESSIONAL ENGINEERS
DATE: January 26, 2023

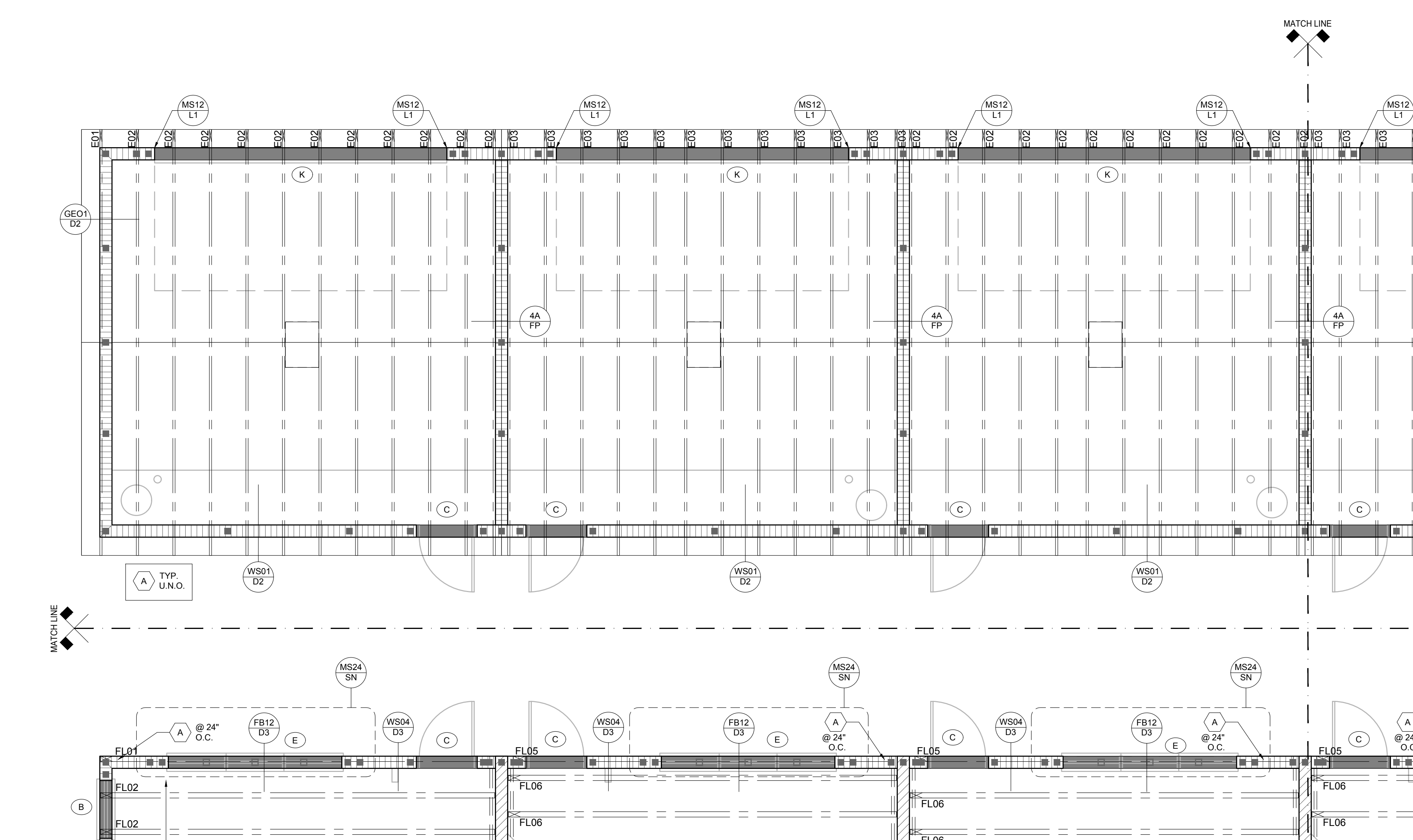
PARK SQUARE
HORIZONS WEST
6-UNIT - ADAMS END UNITS

title: _____

project no. 2022144
checked: AB
drawn: _____
date: 05-19-22
scale: _____

S2.2

NOTE: DRAWINGS ON 11"x17" SHEET WILL BE ONE HALF THE SCALE NOTED



SYMBOL	DESIGN DESCRIPTION
	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
	INDICATES PERFORATED SHEAR WALL, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
	INDICATES BUILT UP COLUMN, SEE FRAMING PLAN FOR SIZE, DETAIL WF37/SN FOR PLY ATTACHMENT AND UPLIFT CONNECTION SCHEDULE ON SN FOR CONNECTION TO SLAB
	INDICATES NO BOTTOM CONNECTOR REQUIRED
	INDICATES UPLIFT CONNECTION CONSTRUCTED PER DETAIL UPLIFT CONNECTOR SCHEDULE ON SHEET SN
	INDICATES WINDOW PRESSURE - SEE S0 FOR MORE INFORMATION.
	INDICATES LINTEL PER LINTEL PLAN

- FRAMING NOTES:**
- SEE WIND SPEED CHART ON S0 FOR WINDOW PRESSURES
 - AT SECOND FLOOR FOR TYPICAL CORNER FRAMING SEE DETAIL FB06/D3

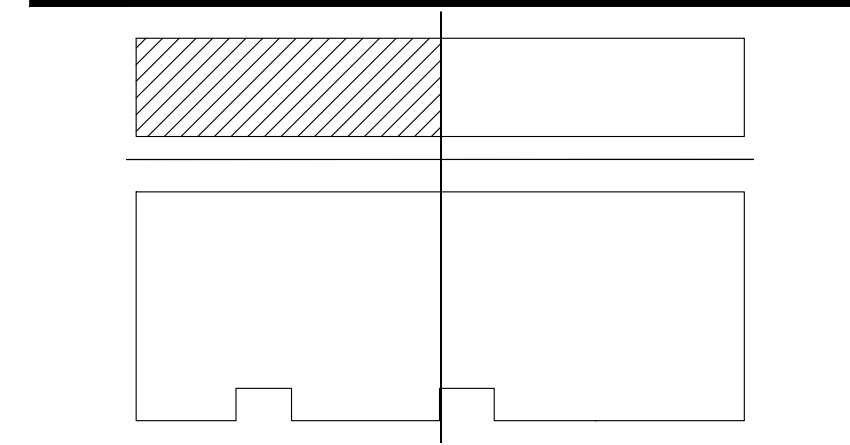
- GENERAL NOTES:**
- THE FRAMING PLAN SHOWN INDICATES THE "TRUSS SYSTEM" AND IS THE RESPONSIBILITY OF THE TRUSS SYSTEM ENGINEER (DESIGN PROFESSIONAL OF RECORD), THE TRUSS DESIGN ENGINEER (DELEGATED ENGINEER) HAS FINAL, RESPONSIBILITY FOR EACH INDIVIDUAL TRUSS AND TRUSS PROFILE, AND IS TO SUBMIT A FINAL SET OF TRUSS ENGINEERING SIGNED AND SEALED TRUSS DRAWINGS TO DESIGN PROFESSIONAL OF RECORD FOR REVIEW PRIOR TO FABRICATION
 - ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES WITH IN THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO CONSTRUCTION.
 - SEE SHEET SN FOR DESIGN SCHEDULES AND NOTES: FOUNDATION SCHEDULE / COLUMN SCHEDULE / BEARING WALL SCHEDULE / BEAM SCHEDULE / HEADER SCHEDULE / CONNECTION SCHEDULE / FLOOR AND ROOF NOTES.

- PLAN KEY NOTES**
- 12" SQ CMU COLUMN W/(2)#5 FULLY GROUTED

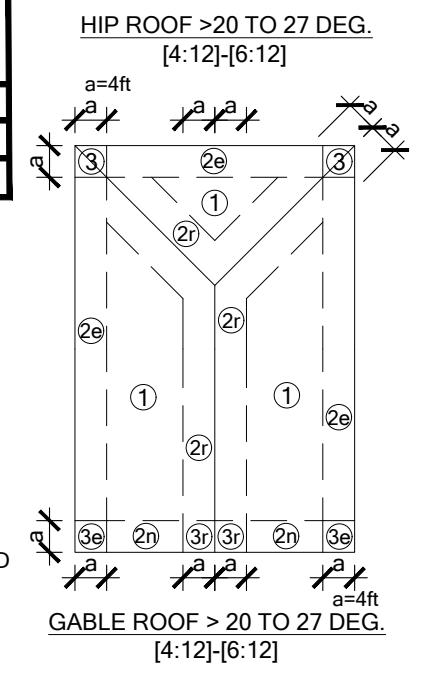
BUILDER NOTE:
TRUSS LAYOUT, CONNECTORS & ENGINEERING BASED ON TRUSSES PROVIDED BY MID FLORIDA LUMBER ACQUISITIONS. PROJECT NAME PSR6U w/ TRUSS DESIGN DATED 4/3/19 IF THE TRUSS LAYOUT SHOWN DOES NOT MATCH THE TRUSS MANUFACTURERS LAYOUT AND DATE ABOVE

---STOP---
AND CALL THE ENGINEER OF RECORD PRIOR TO PLACEMENT OF ANY TRUSSES.

SYMBOL	DESIGN DESCRIPTION
	2x INTERIOR BEARING SHEARWALL - SEE BEARING WALL SCHEDULE ON SHEET SN FOR REQUIREMENTS.
	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN
	MASONRY WALL TOP @ 9'-4"
	MASONRY WALL TOP @ 10'-8" ABV. GRADE
	MASONRY WALL TOP @ 10'-8" ABV. GRADE

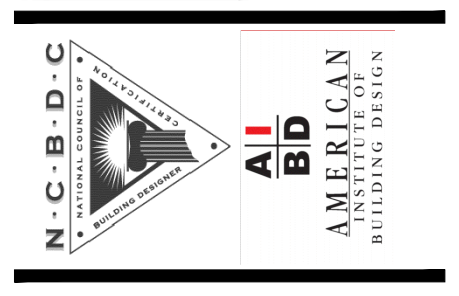


RSH		ENGINEERED ROOF PER ASCE 7-16 ROOF DESIGN ALLOWABLE COMPONENTS AND CLADDING WIND PRESSURES AND SUCTIONS FOR MEAN ROOF HEIGHT ≤ 25 ft							
WIND SPEED (ULTIMATE)	140.0 MPH								
WIND SPEED (ALLOWABLE)	108.4 MPH								
EXPOSURE CATEGORY	C								
EFFECTIVE WIND AREA (SQ FEET)		WIND PRESSURE AND SUCTION (PSF)							
		(+) VALUE DENOTES PRESSURE							
		(-) VALUE DENOTES SUCTION							
AREA	ROOF	1	2e	2n	2r	3	3e	3r	
10	HIP	-35.94	-49.57		-49.57	-49.57			
	GABLE	-38.22	-38.22	-60.99	-60.99		-60.99	-78.58	
ROOF NAILING SCHEDULE/ NAILING ZONES (SHINGLE AND TILE):									
ZONE 1: ASTM F1667 RSR-01 (8d) NAILS @ 6" O.C. ON EDGE AND 6" O.C. IN FIELD									
ZONE 2e, 2n, 2r: ASTM F1667 RSR-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD									
ZONE 3, 3e, 3r: ASTM F1667 RSR-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD									
ROOF SHEATHING:									
SHINGLE: 1/2" EXP. 1 (3/16) or 1/2" EXP. 1 (3/16)									
TILE: 1/2" EXP. 1 (3/16)									
NOTE:									
1. PER CODE ASTM F1667 RSR-01 REFERENCE TO 8d (2 3/8" x 0.113") NAILS									
2. WHERE THE SHEATHING THICKNESS IS GREATER THAN 1/2", SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSR-03 10d (2 1/2" x 0.131") NAILS OR ASTM F1667 RSR-04 (3" x .120") NAILS									
3. GABLES- DROP GABLE END & (1) ADDITIONAL DROPPED TRUSS 2x4 #2 SYP OUTLOOKER RAFTER W/ BLOCKING @ 16" O.C. IF NO DROPPED GABLE END, ATTACH 2x4 #2 SYP BLOCKING @ 16" O.C. FIRST 4 BAYS WITH (2) 12d NAILS EA. END. ATTACH ROOF SHEATHING TO RAFTERS W/ BLOCKING PER NAILING SCHEDULE.									



KEY PLAN
LOW ROOF & FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

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fax 407 829 2040
www.badesignstudios.com



FDS
258 Southhall Lane, Suite 200, Maitland, FL 32751
O: 321-972-0491 F: 407-880-2304
Certificate of Authorization No. 9161
SACHA BROWN, P.E. #19792
SGETT LENGTHS, P.E. #19795
DATE: January 26, 2023
TO THE BEST OF OUR KNOWLEDGE AND BELIEF, WE HAVE PREPARED THE ABOVE DRAWING IN ACCORDANCE WITH THE PROFESSIONAL SEAL REQUIREMENTS OF THE STATE OF FLORIDA.

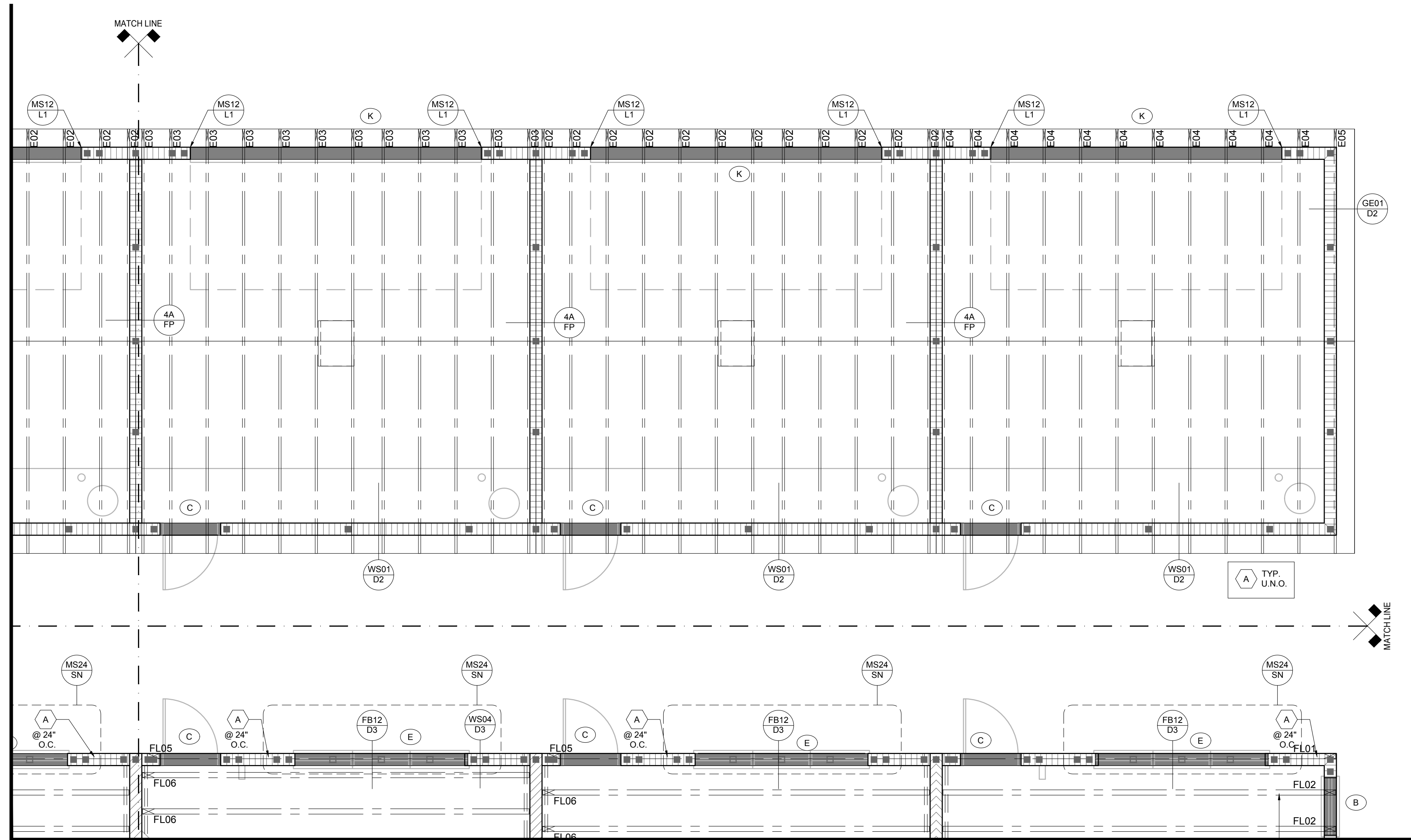
FDS JOB NO. _____

PARK SQUARE
HORIZONS WEST
6-UNIT - ADAMS END UNITS

title: _____
project no. 2022144
checked: AB
drawn: _____
date: 05-19-22
scale: _____

S2.3

NOTE: DRAWINGS ON 11"x17" SHEET WILL BE ONE HALF THE SCALE NOTED



SYMBOL	DESIGN DESCRIPTION
	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
	INDICATES PERFORATED SHEAR WALL, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
	INDICATES BUILT UP COLUMN, SEE FRAMING PLAN FOR SIZE, DETAIL WF37/SN FOR PLY ATTACHMENT AND UPLIFT CONNECTION SCHEDULE ON SN FOR CONNECTION TO SLAB
	INDICATES NO BOTTOM CONNECTOR REQUIRED
	INDICATES UPLIFT CONNECTION CONSTRUCTED PER DETAIL UPLIFT CONNECTOR SCHEDULE ON SHEET SN
	INDICATES WINDOW PRESSURE - SEE S0 FOR MORE INFORMATION.
	INDICATES LINTEL PER LINTEL PLAN

FRAMING NOTES:
 1. SEE WIND SPEED CHART ON S0 FOR WINDOW PRESSURES
 2. AT SECOND FLOOR FOR TYPICAL CORNER FRAMING SEE DETAIL FB06/D3

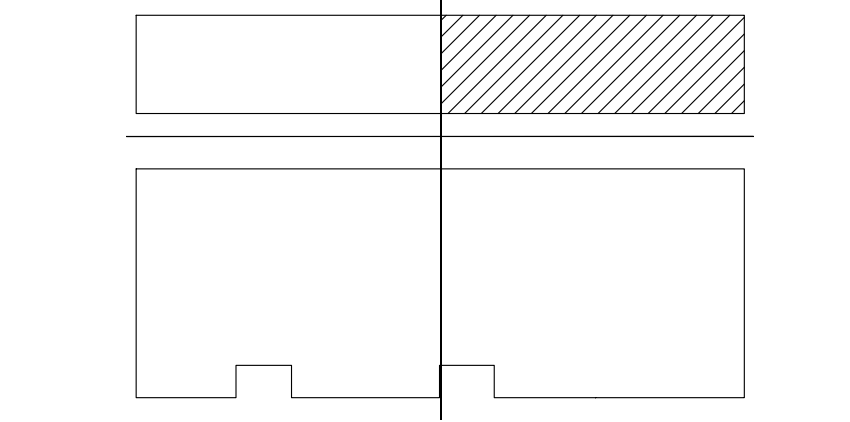
GENERAL NOTES:
 1. THE FRAMING PLAN SHOWN INDICATES THE "TRUSS SYSTEM" AND IS THE RESPONSIBILITY OF THE TRUSS SYSTEM ENGINEER (DESIGN PROFESSIONAL OF RECORD), THE TRUSS DESIGN ENGINEER (DELEGATED ENGINEER) HAS FINAL, RESPONSIBILITY FOR EACH INDIVIDUAL TRUSS AND TRUSS PROFILE, AND IS TO SUBMIT A FINAL SET OF TRUSS ENGINEERING SIGNED AND SEALED TRUSS DRAWINGS TO DESIGN PROFESSIONAL OF RECORD FOR REVIEW PRIOR TO FABRICATION
 2. ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES WITH IN THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO CONSTRUCTION.
 3. SEE SHEET SN FOR DESIGN SCHEDULES AND NOTES: FOUNDATION SCHEDULE / COLUMN SCHEDULE / BEARING WALL SCHEDULE / BEAM SCHEDULE / HEADER SCHEDULE / CONNECTION SCHEDULE / FLOOR AND ROOF NOTES.

PLAN KEY NOTES	
	12" SQ CMU COLUMN W(2) #5 FULLY GROUTED

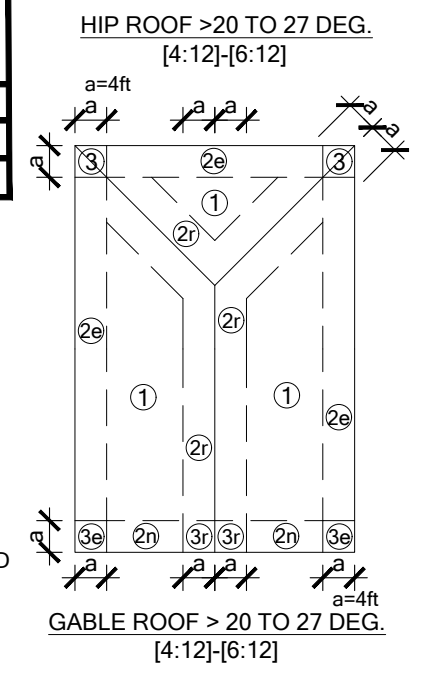
BUILDER NOTE:
 TRUSS LAYOUT, CONNECTORS & ENGINEERING BASED ON TRUSSES PROVIDED BY MID FLORIDA LUMBER ACQUISITIONS. PROJECT NAME PSR6U w/ TRUSS DESIGN DATED 4/3/19 IF THE TRUSS LAYOUT SHOWN DOES NOT MATCH THE TRUSS MANUFACTURERS LAYOUT AND DATE ABOVE

---STOP---
 AND CALL THE ENGINEER OF RECORD PRIOR TO PLACEMENT OF ANY TRUSSES.

WALL TYPE	
	2x INTERIOR BEARING SHEARWALL - SEE BEARING WALL SCHEDULE ON SHEET SN FOR REQUIREMENTS.
	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN
	MASONRY WALL TOP @ 9'-4"
	MASONRY WALL TOP @ 10'-8" ABV. GRADE
	MASONRY WALL TOP @ 10'-8" ABV. GRADE



RSH ENGINEERED ROOF PER ASCE 7-16 ROOF DESIGN ALLOWABLE COMPONENTS AND CLADDING WIND PRESSURES AND SUCTIONS FOR MEAN ROOF HEIGHT ≤ 25 ft								
WIND SPEED (ULTIMATE)	140.0 MPH							
WIND SPEED (ALLOWABLE)	108.4 MPH							
EXPOSURE CATEGORY	C							
EFFECTIVE WIND AREA (SQ FEET)	WIND PRESSURE AND SUCTION (PSF)							
	(+) VALUE DENOTES PRESSURE (-) VALUE DENOTES SUCTION							
AREA	ROOF	1	2e	2n	2r	3	3e	3r
10	HIP	-35.94	-49.57		-49.57	-49.57		
	GABLE	-38.22	-38.22	-60.99	-60.99		-60.99	-78.58
ROOF NAILING SCHEDULE/ NAILING ZONES (SHINGLE AND TILE):								
ZONE 1: ASTM F1667 RSR-01 (8d) NAILS @ 6" O.C. ON EDGE AND 6" O.C. IN FIELD								
ZONE 2e, 2n, 2r: ASTM F1667 RSR-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD								
ZONE 3, 3e, 3r: ASTM F1667 RSR-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD								
ROOF SHEATHING:								
SHINGLE: 1/2" EXP. 1 (3/16) or 1/2" EXP. 1 (3/16)								
TILE: 1/2" EXP. 1 (3/16)								
NOTE:								
1. PER CODE ASTM F1667 RSR-01 REFERENCE TO 8d (2 3/8" x 0.113") NAILS								
2. WHERE THE SHEATHING THICKNESS IS GREATER THAN 1/2", SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSR-03 10d (2 1/2" x 0.131") NAILS OR ASTM F1667 RSR-04 (3" x .120") NAILS								
3. GABLES- DROP GABLE END & (1) ADDITIONAL DROPPED TRUSS 2x4 #2 SYP OUTLOOKER RAFTER W/ BLOCKING @ 16" O.C. IF NO DROPPED GABLE END, ATTACH 2x4 #2 SYP BLOCKING @ 16" O.C. FIRST 4 BAYS WITH (2) 12d NAILS EA. END. ATTACH ROOF SHEATHING TO RAFTERS W/ BLOCKING PER NAILING SCHEDULE.								



KEY PLAN LOW ROOF & FLOOR FRAMING PLAN

SCALE: 1/4" = 1'-0"

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 fax 407 829 2040
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AI
BD
 AMERICAN BUILDING DESIGN

FDS
 258 Southhall Lane, Suite 200, Maitland, FL 32751
 O: 321-972-0491 F: 407-880-2304
 Certificate of Authorization No. 9161
 SIDA A. BROWN, P.E. # 9729
 SIDA T. BROWN, P.E. # 147895
 DATE: January 26, 2023
TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND COMPLETE AS OF THE DATE OF PREPARATION. WE DO NOT WARRANT ANY OTHER INFORMATION.

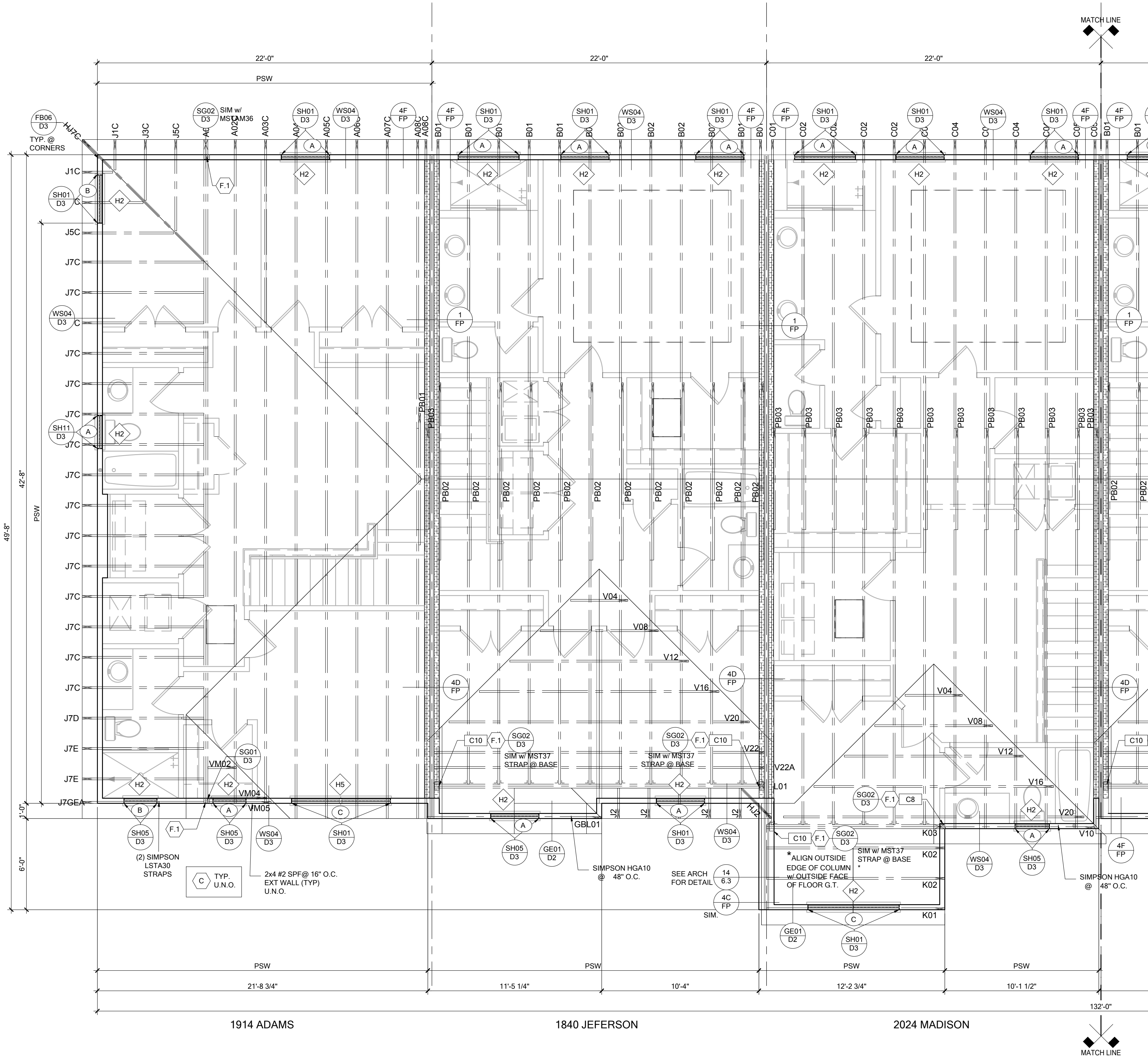
**PARK SQUARE
 HORIZONS WEST
 6-UNIT - ADAMS END UNITS**

title: _____
 project no. 2022144
 checked: AB
 drawn: _____
 date: 05-19-22
 scale: _____

S2.4

NOTE: DRAWINGS ON 11"x17" SHEET WILL BE ONE HALF THE SCALE NOTED

RSH	ENGINEERED ROOF PER ASCE 7-16 ROOF DESIGN ALLOWABLE COMPONENTS AND CLADDING WIND PRESSURES AND SUCTIONS FOR MEAN ROOF HEIGHT ≤ 25 ft							
WIND SPEED (ULTIMATE)	140.0 MPH							
WIND SPEED (ALLOWABLE)	108.4 MPH							
EXPOSURE CATEGORY	C							
EFFECTIVE WIND AREA (SQ FEET)	WIND PRESSURE AND SUCTION (PSF) (+) VALUE DENOTES PRESSURE (-) VALUE DENOTES SUCTION							
AREA	ROOF	1	2e	2n	2r	3	3e	3r
10	HIP	-35.94	-49.57	-49.57	-49.57	-49.57	-60.99	-78.58
	GABLE	-38.22	-38.22	-60.99	-60.99			
ROOF NAILING SCHEDULE/ NAILING ZONES (SHINGLE AND TILE):								
ZONE 1: ASTM F1667 RSR-01 (8d) NAILS @ 6" O.C. ON EDGE AND 6" O.C. IN FIELD								
ZONE 2e, 2n, 2r: ASTM F1667 RSR-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD								
ZONE 3, 3e, 3r: ASTM F1667 RSR-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD								
ROOF SHEATHING: SHINGLE: 7/16" EXP. 1 (2%) or 1 1/2" EXP. 1 (2%)								
TILE: NOTE: 1 1/2" EXP. 1 (2%)								
1. PER CODE ASTM F1667 RSR-01 REFERENCE TO 8d (2 3/4" x 0.113") NAILS								
2. WHERE THE SHEATHING THICKNESS IS GREATER THAN 1 1/2", SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSR-03 10d (2 1/2" x 0.131") NAILS OR ASTM F1667 RSR-04 (3" x 120") NAILS								
3. CABLES- DROP GABLE END & (1) ADDITIONAL DROPPED TRUSS 2x4 #2 SYP OUTLOOKER RAFTER W/ BLOCKING @ 16" O.C. IF NO DROPPED GABLE END, ATTACH 2x4 #2 SYP BLOCKING @ 16" O.C. FIRST 4 BAYS WITH (2) 12d NAILS EA. END. ATTACH ROOF SHEATHING TO RAFTERS W/ BLOCKING PER NAILING SCHEDULE.								
HIP ROOF > 20 TO 27 DEG. [4.12]-[6.12]								
GABLE ROOF > 20 TO 27 DEG. [4.12]-[6.12]								



SYMBOL	DESIGN DESCRIPTION
BW# 2x	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
PSW	INDICATES PERFORATED SHEAR WALL, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
C#	INDICATES BUILT UP COLUMN, SEE FRAMING PLAN FOR SIZE, DETAIL WF37/SN FOR PLY ATTACHMENT AND UPLIFT CONNECTION SCHEDULE ON SN FOR CONNECTION TO SLAB
C#*	INDICATES NO BOTTOM CONNECTOR REQUIRED
#	INDICATES UPLIFT CONNECTION CONSTRUCTED PER DETAIL UPLIFT CONNECTOR SCHEDULE ON SHEET SN
#	INDICATES WINDOW PRESSURE - SEE S0 FOR MORE INFORMATION.
---	INDICATES LINTEL PER LINTEL PLAN

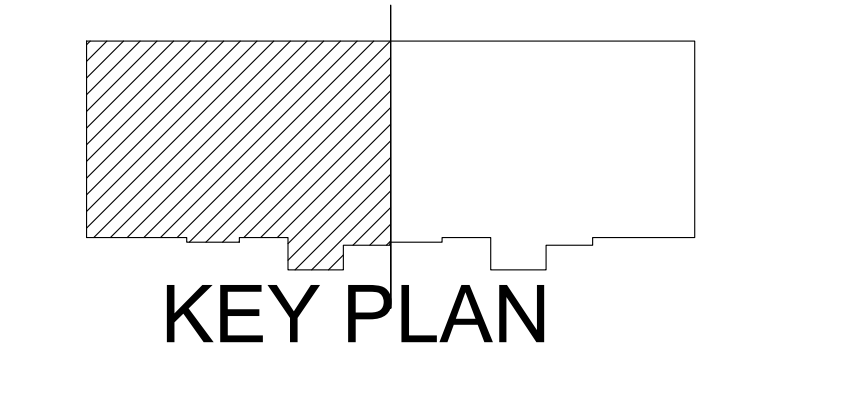
- FRAMING NOTES:**
- SEE WIND SPEED CHART ON S0 FOR WINDOW PRESSURES
 - AT SECOND FLOOR FOR TYPICAL CORNER FRAMING SEE DETAIL FB06/D3
- GENERAL NOTES:**
- THE FRAMING PLAN SHOWN INDICATES THE "TRUSS SYSTEM" AND IS THE RESPONSIBILITY OF THE TRUSS SYSTEM ENGINEER (DESIGN PROFESSIONAL OF RECORD). THE TRUSS DESIGN ENGINEER (DELEGATED ENGINEER) HAS FINAL RESPONSIBILITY FOR EACH INDIVIDUAL TRUSS AND TRUSS PROFILE, AND IS TO SUBMIT A FINAL SET OF TRUSS ENGINEERING SIGNED AND SEALED TRUSS DRAWINGS TO DESIGN PROFESSIONAL OF RECORD FOR REVIEW PRIOR TO FABRICATION
 - ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES WITH IN THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO CONSTRUCTION.
 - SEE SHEET SN FOR DESIGN SCHEDULES AND NOTES: FOUNDATION SCHEDULE / COLUMN SCHEDULE / BEARING WALL SCHEDULE / BEAM SCHEDULE / HEADER SCHEDULE / CONNECTION SCHEDULE / FLOOR AND ROOF NOTES.

PLAN KEY NOTES

BUILDER NOTE:
TRUSS LAYOUT, CONNECTORS & ENGINEERING BASED ON TRUSSES PROVIDED BY MID FLORIDA LUMBER ACQUISITIONS, PROJECT NAME PSR6U W/ TRUSS DESIGN DATED 4/3/19 IF THE TRUSS LAYOUT SHOWN DOES NOT MATCH THE TRUSS MANUFACTURERS LAYOUT AND DATE ABOVE

---STOP---
AND CALL THE ENGINEER OF RECORD PRIOR TO PLACEMENT OF ANY TRUSSES.

SYMBOL	DESIGN DESCRIPTION
2x	2x INTERIOR BEARING SHEAR WALL - SEE BEARING WALL SCHEDULE ON SHEET SN FOR REQUIREMENTS.
---	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN
---	2x WOOD FRAME WALL @ 9'-0"



ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

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N.C.B.D.C.
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Certificate of Authorization No. 9161
SOCIETY OF PROFESSIONAL ENGINEERS
SOCIETY OF PROFESSIONAL ENGINEERS
DATE: January 26, 2023
TO THE BEST OF OUR KNOWLEDGE AND BELIEF, WE HAVE PREPARED THE ABOVE DRAWING IN ACCORDANCE WITH THE PROFESSIONAL SEAL AND CERTIFICATE OF AUTHORIZATION OF THE STATE OF FLORIDA. WE DO NOT WARRANT THAT THE DRAWING IS FREE FROM ERRORS OR OMISSIONS.

**PARK SQUARE
HORIZONS WEST
6-UNIT - ADAMS END UNITS**

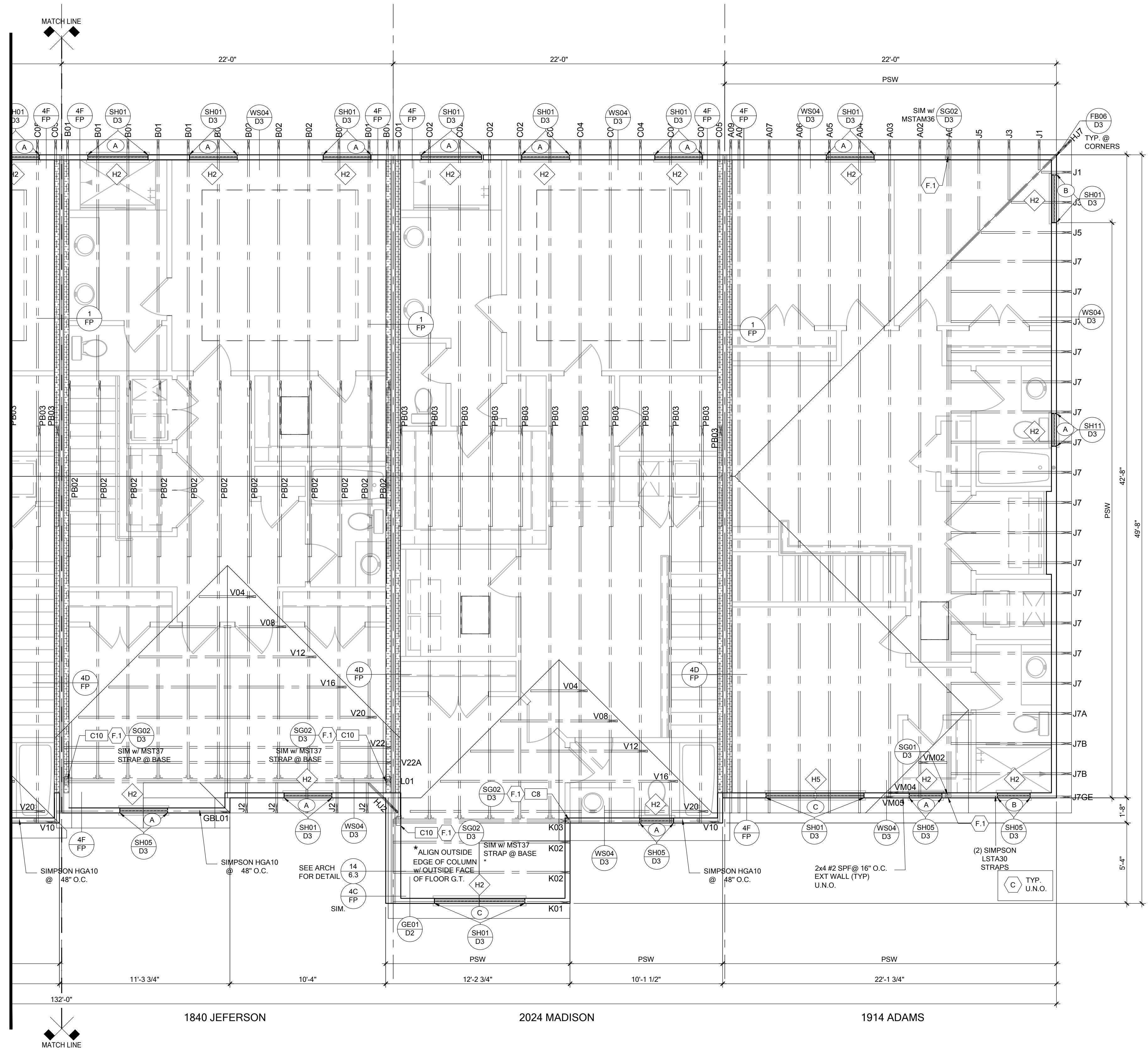
title: _____

project no. 2022144
checked: AB
drawn: _____
date: 05-19-22
scale: _____

S3.1

NOTE: DRAWINGS ON 11"x17" SHEET WILL BE ONE HALF THE SCALE NOTED

RSH	ENGINEERED ROOF PER ASCE 7-16 ROOF DESIGN ALLOWABLE COMPONENTS AND CLADDING WIND PRESSURES AND SUCTIONS FOR MEAN ROOF HEIGHT ≤ 25 ft							
WIND SPEED (ULTIMATE)	140.0 MPH							
WIND SPEED (ALLOWABLE)	108.4 MPH							
EXPOSURE CATEGORY	C							
EFFECTIVE WIND AREA (SQ FEET)	WIND PRESSURE AND SUCTION (PSF) (+) VALUE DENOTES PRESSURE (-) VALUE DENOTES SUCTION							
AREA	ROOF	1	2e	2n	2r	3	3e	3r
10	HIP	-35.94	-49.57	-49.57	-49.57	-49.57	-60.99	-78.58
	GABLE	-38.22	-38.22	-60.99	-60.99	-60.99	-60.99	-78.58
ROOF NAILING SCHEDULE/ NAILING ZONES (SHINGLE AND TILE):								
ZONE 1: ASTM F1667 RSR-01 (8d) NAILS @ 6" O.C. ON EDGE AND 6" O.C. IN FIELD								
ZONE 2e, 2n, 2r: ASTM F1667 RSR-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD								
ZONE 3, 3e, 3r: ASTM F1667 RSR-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD								
ROOF SHEATHING: SHINGLE: 1/2" EXP. 1 (2%) or 1/2" EXP. 1 (2%)								
TILE: NOTE: 1/2" EXP. 1 (2%)								
1. PER CODE ASTM F1667 RSR-01 REFERENCE TO 8d (2 3/4" x 0.113") NAILS								
2. WHERE THE SHEATHING THICKNESS IS GREATER THAN 1/2", SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSR-03 10d (2 1/2" x 0.131") NAILS OR ASTM F1667 RSR-04 (3" x 120") NAILS								
3. CABLES- DROP GABLE END & (1) ADDITIONAL DROPPED TRUSS 2x4 #2 SYP OUTLOOKER RAFTER W/ BLOCKING @ 16" O.C. IF NO DROPPED GABLE END, ATTACH 2x4 #2 SYP BLOCKING @ 16" O.C. FIRST 4 BAYS WITH (2) 12d NAILS EA. END. ATTACH ROOF SHEATHING TO RAFTERS W/ BLOCKING PER NAILING SCHEDULE.								
HIP ROOF >20 TO 27 DEG. [4-12]-[6-12]								
GABLE ROOF >20 TO 27 DEG. [4-12]-[6-12]								



SYMBOL	DESIGN DESCRIPTION
	INDICATES BEARING WALL. SEE BEARING WOOD BEARING SCHEDULE ON SN. SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
	INDICATES PERFORATED SHEAR WALL, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
	INDICATES BUILT UP COLUMN. SEE FRAMING PLAN FOR SIZE, DETAIL WF37/SN FOR PLY ATTACHMENT AND UPLIFT CONNECTION SCHEDULE ON SN FOR CONNECTION TO SLAB
	INDICATES NO BOTTOM CONNECTOR REQUIRED
	INDICATES UPLIFT CONNECTION CONSTRUCTED PER DETAIL UPLIFT CONNECTOR SCHEDULE ON SHEET SN
	INDICATES WINDOW PRESSURE - SEE S0 FOR MORE INFORMATION.
	INDICATES LINTEL PER LINTEL PLAN

FRAMING NOTES:
 1. SEE WIND SPEED CHART ON S0 FOR WINDOW PRESSURES
 2. AT SECOND FLOOR FOR TYPICAL CORNER FRAMING SEE DETAIL FB06/D3

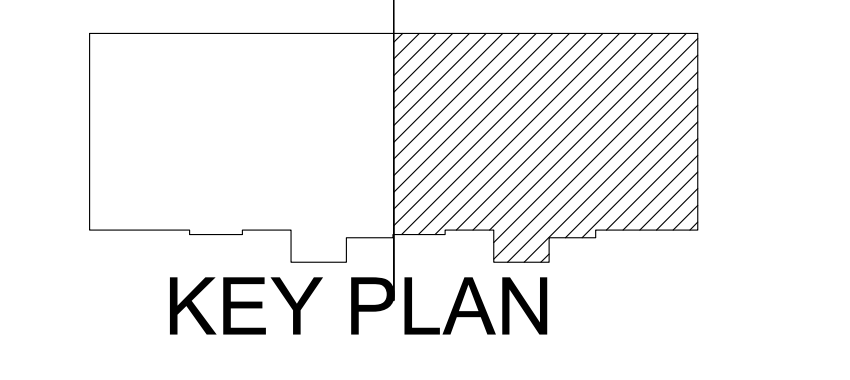
GENERAL NOTES:
 1. THE FRAMING PLAN SHOWN INDICATES THE "TRUSS SYSTEM" AND IS THE RESPONSIBILITY OF THE TRUSS SYSTEM ENGINEER (DESIGN PROFESSIONAL OF RECORD). THE TRUSS DESIGN ENGINEER (DELEGATED ENGINEER) HAS FINAL, RESPONSIBILITY FOR EACH INDIVIDUAL TRUSS AND TRUSS PROFILE, AND IS TO SUBMIT A FINAL SET OF TRUSS ENGINEERING SIGNED AND SEALED TRUSS DRAWINGS TO DESIGN PROFESSIONAL OF RECORD FOR REVIEW PRIOR TO FABRICATION
 2. ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES WITH IN THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO CONSTRUCTION.
 3. SEE SHEET SN FOR DESIGN SCHEDULES AND NOTES: FOUNDATION SCHEDULE / COLUMN SCHEDULE / BEARING WALL SCHEDULE / BEAM SCHEDULE / HEADER SCHEDULE / CONNECTION SCHEDULE / FLOOR AND ROOF NOTES.

PLAN KEY NOTES

BUILDER NOTE:
 TRUSS LAYOUT, CONNECTORS & ENGINEERING BASED ON TRUSSES PROVIDED BY MID FLORIDA LUMBER ACQUISITIONS. PROJECT NAME: PSR601 W/ TRUSS DESIGN DATED 4/3/19 IF THE TRUSS LAYOUT SHOWN DOES NOT MATCH THE TRUSS MANUFACTURERS LAYOUT AND DATE ABOVE

---STOP---
 AND CALL THE ENGINEER OF RECORD PRIOR TO PLACEMENT OF ANY TRUSSES.

SYMBOL	DESIGN DESCRIPTION
	2x INTERIOR BEARING SHEARWALL - SEE BEARING WALL SCHEDULE ON SHEET SN FOR REQUIREMENTS.
	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN
	2x WOOD FRAME WALL @ 9'-0"



ROOF FRAMING PLAN
 SCALE: 1/4" = 1'-0"

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 Certificate of Authorization No. 9161
 SETH A. BROWN, P.E., P.F.D.
 SEVEN EIGHTSIXTYEIGHT
 DATE: January 26, 2023

**PARK SQUARE
 HORIZONS WEST
 6-UNIT - ADAMS END UNITS**

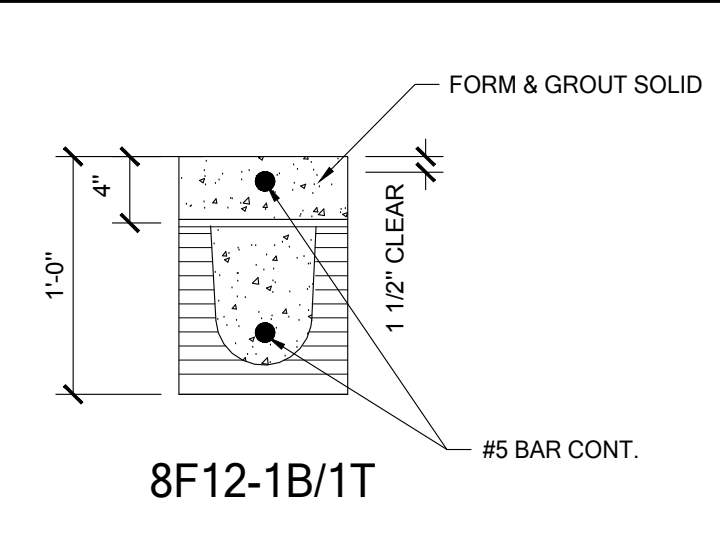
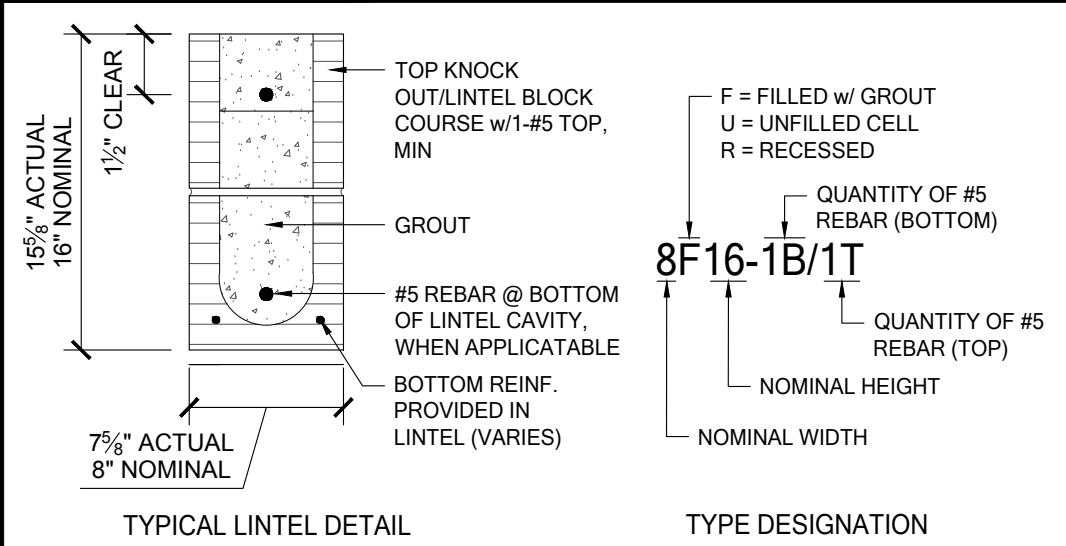
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 drawn:
 date: 05-19-22
 scale:

S3.2

NOTE: DRAWINGS ON 11"x17" SHEET WILL BE ONE HALF THE SCALE NOTED ABOVE

GENERAL CONCRETE LINTEL SCHEDULE

APPROVED LINTEL MANUFACTURERS: CASTE-CRETE, QUALITY AND LOTTS.



LINTEL MINIMUM DEPTHS ARE CALLED OUT ON LINTEL PLAN. IF CONTRACTOR INSTALLS A DEEPER LINTEL THAN INDICATED ON THE PLAN, DOING THIS INCREASES THE STRENGTH OF THE LINTEL AND IS APPROVED WITHOUT ENGINEERING LETTER. IF A SMALLER LINTEL IS INSTALLED CONTACT EOR FOR APPROVAL (SEE SHEET L1 FOR LINTEL SCHEDULE).

LINTEL DESIGNATION SCHEDULE

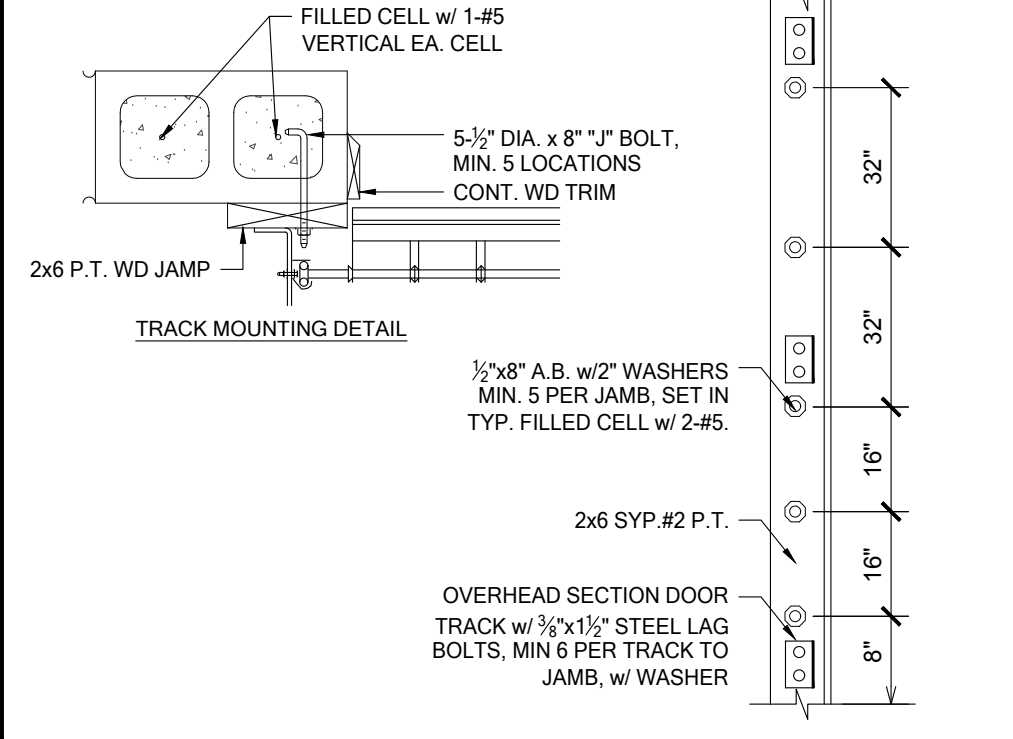
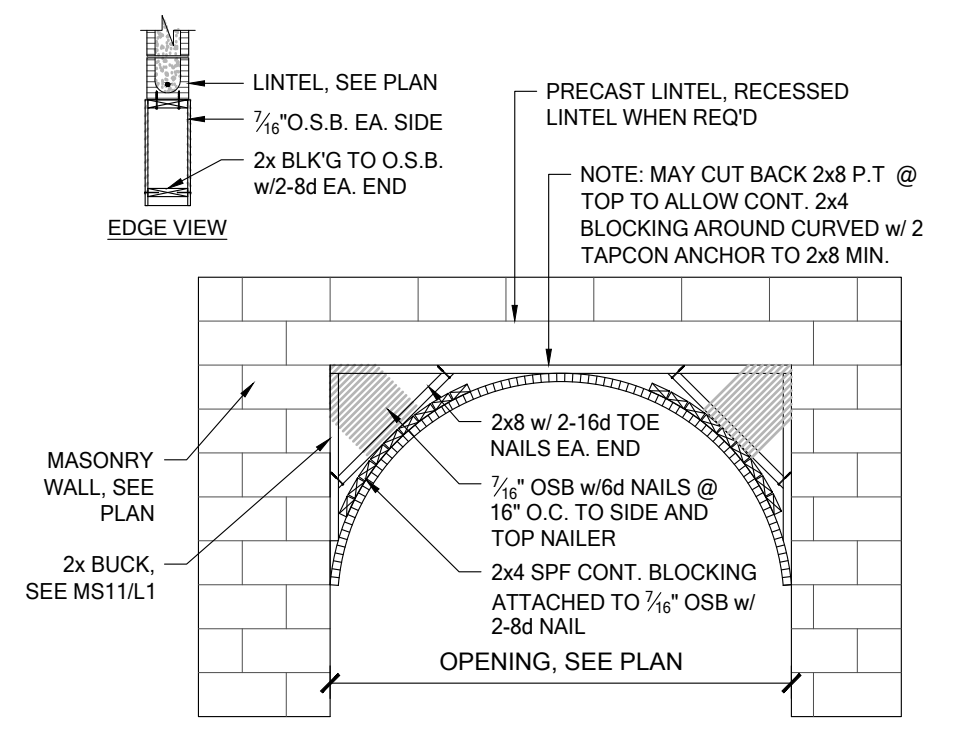
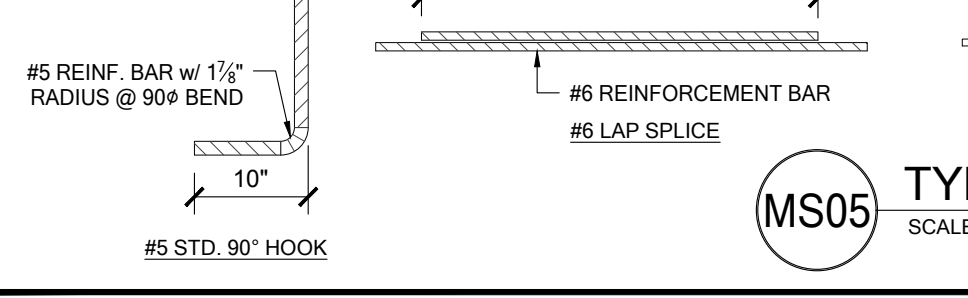
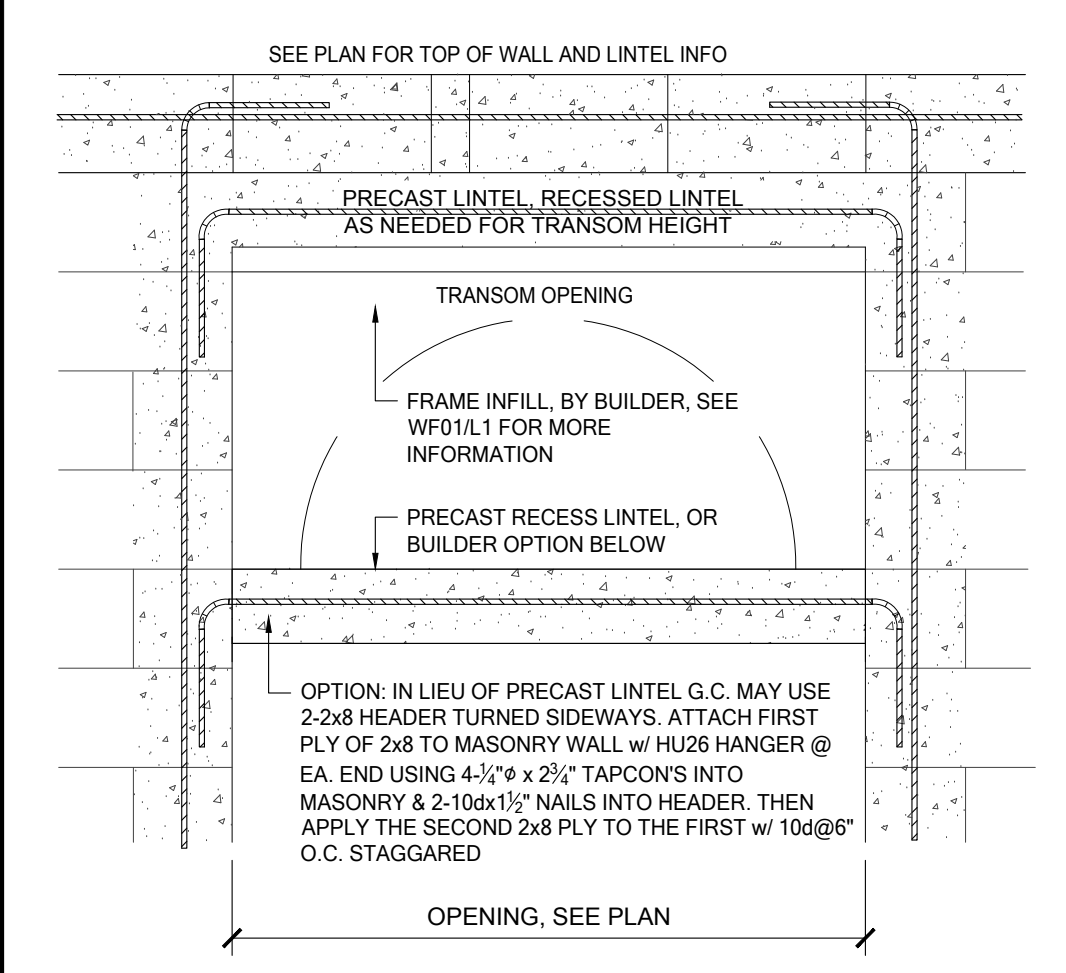
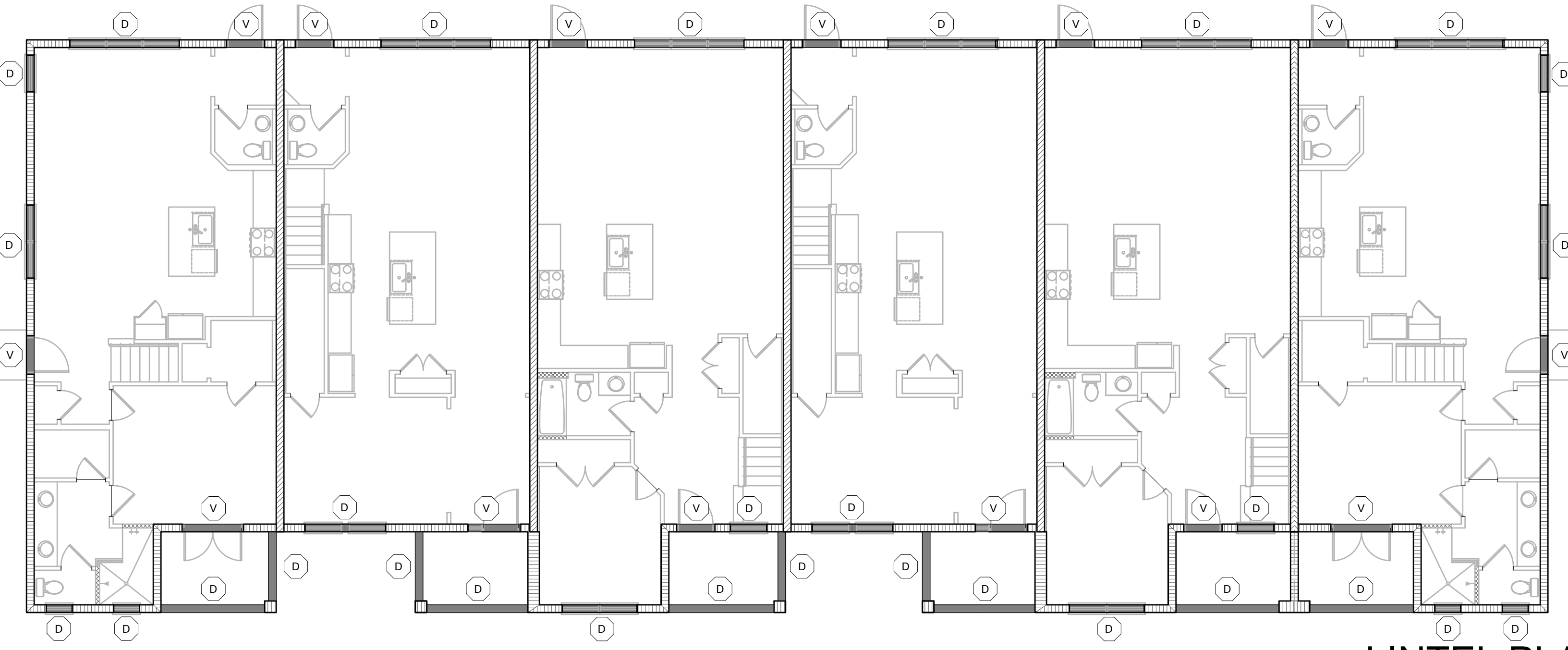
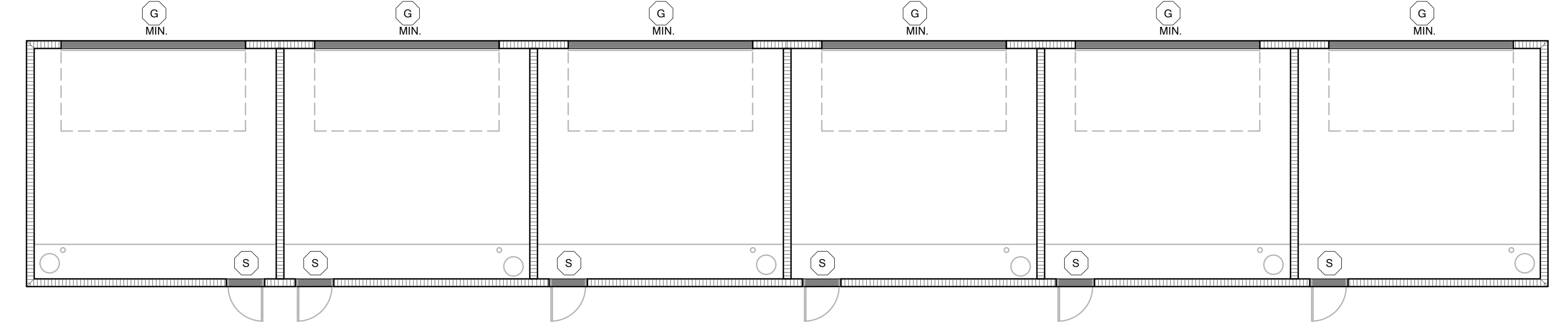
MARK	LINTEL DESIGN	MARK	LINTEL DESIGN	MARK	LINTEL DESIGN
A	8RF6-0B/1T	H	8RF30-1B/1T	Q	8RF30-0B/1T
B	8F8-0B/1T	J	8F32-1B/1T	R	8F32-0B/1T
C	8RF14-1B/1T	K	8RF14-0B/1T	S	8F28-1B/1T
D	8F16-1B/1T	L	8F16-0B/1T	T	8F40-1B/1T
E	8F20-1B/1T	M	8F20-0B/1T	U	8F16-2B/2T
F	8RF22-1B/1T	N	8RF22-0B/1T	V	8F12-1B/1T
G	8F24-1B/1T	P	8F24-0B/1T		

- GENERAL INSTALLATION NOTES:**
- PROVIDE FULL MORTAR HEAD AND BED JOINTS.
 - SHARE FILLED LINTELS ARE REQUIRED
 - INSTALLATION OF LINTEL MUST COMPLY W/ THE ARCHITECTURAL AND STRUCTURAL DRAWINGS
 - U-LINTELS ARE LOCATED MANUFACTURED W/ 5/8" LONG NOTCHES AT THE END TO ACCOMMODATE VERTICAL CELL REINFORCING AND GROUTING.
 - ALL LINTELS MEET OR EXCEED L/360 VERTICAL DEFLECTION, EXCEPT LINTELS 17'-4" AND LONGER W/ NOMINAL HEIGHT OF 8" MEET OR EXCEED L/180
 - BOTTOM FIELD ADDED REBAR TO BE LOCATED AT THE BOTTOM OF THE LINTEL CAVITY.
 - 3/8" Ø WIRE STIRRUPS ARE WELDED TO THE BOTTOM STEEL FOR MECHANICAL ANCHORAGE
 - CAST-IN-PLACE CONC. MAY BE PROVIDED IN COMPOSITE LINTELS IN LIEU OF CMU
 - SAFE LOAD RATING BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530 FLORIDA APPROVAL NUMBER 158.1
 - THE EXTERIOR SURFACE OF LINTELS INSTALLED IN EXTERIOR CONCRETE MASONRY WALLS SHALL HAVE A COATING OF STUCCO APPLIED IN ACCORDANCE WITH ASTM C-926 OR OTHER APPROVED COATING
 - LINTELS LOADED SIMULTANEOUSLY W/ VERTICAL (GRAVITY AND UPLIFT) AND HORIZONTAL (LATERAL) LOADS SHOULD BE FOR COMBINE LOADING WITH THE FOLLOWING EQUATIONS:
- $$\frac{\text{APPLIED VERTICAL LOAD}}{\text{SAFE VERTICAL LOAD}} + \frac{\text{APPLIED HORIZONTAL LOAD}}{\text{SAFE HORIZONTAL LOAD}} \leq 1.0$$

- GENERAL MATERIAL NOTES:**
- f_c PRECAST LINTEL = 3500 P.S.I.
 - f_c PRESTRESSED LINTEL = 6000 P.S.I.
 - GROUT PER ASTM C476 (f_c = 3000 P.S.I. W/ MAX 3/4" AGGREGATE AND 8" TO 11" SUMP
 - CMU PER ASTM C90 W/ MIN NET AREA COMPRESSION STRENGTH = 2000 P.S.I
 - REBAR PER ASTM A615 GRADE 60
 - 270 LOW RELAXATION 7/8" WIRE PER ASTM A510
 - MORTAR PER ASTM C270 TYPE M OR S
- GENERAL LINTEL NOTES:**
- AREAS OF BLOCK ABV. MASONRY OPENINGS ARE TO BE GROUTED SOLID TO THE BEAM.
 - #5 REBAR IN TIE BEAM IS TO BE CONT. THROUGH OUT INCLUDING ABV. MASONRY OPENINGS. U.N.C.
 - ALL STANDARD LINTELS TO HAVE MIN. 4" BEARING EACH END BASED ON CAST CRETE, LOTTS, AND QUALITY LINTEL SPECS.
 - LINTEL MINIMUM DEPTHS ARE CALLED OUT ON LINTEL PLAN. IF CONTRACTOR INSTALLS A DEEPER LINTEL THAN INDICATED ON THE PLAN, DOING THIS INCREASES THE STRENGTH OF THE LINTEL AND IS APPROVED WITHOUT ENGINEERING LETTER. IF A SMALLER LINTEL IS INSTALLED CONTACT EOR FOR APPROVAL.
 - (*) ANY LINTEL DEEPER THAN 32" HAS BEEN VERIFIED TO WORK AS A MIN. 32" FOR THE LOAD CONDITIONS. ANY LINTEL GREATER THAN 32" HAS A GREATER CAPACITY AND THEREFORE IS ADEQUATE FOR THE LOADS.
 - G.C. TO VERIFY ALL LINTEL DIMENSIONS IN FIELD. DIMENSIONS SHOWN ARE CLEAR SPAN ONLY

WALL TYPE

SYMBOL	DESIGN DESCRIPTION
	2x INTERIOR BEARING SHEARWALL - SEE BEARING WALL SCHEDULE ON SHEET SN FOR REQUIREMENTS.
	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN
	MASONRY WALL TOP @ 9'-4"
	MASONRY WALL TOP @ 10'-8" ABV. GRADE
	MASONRY WALL TOP @ 10'-8" ABV. GRADE

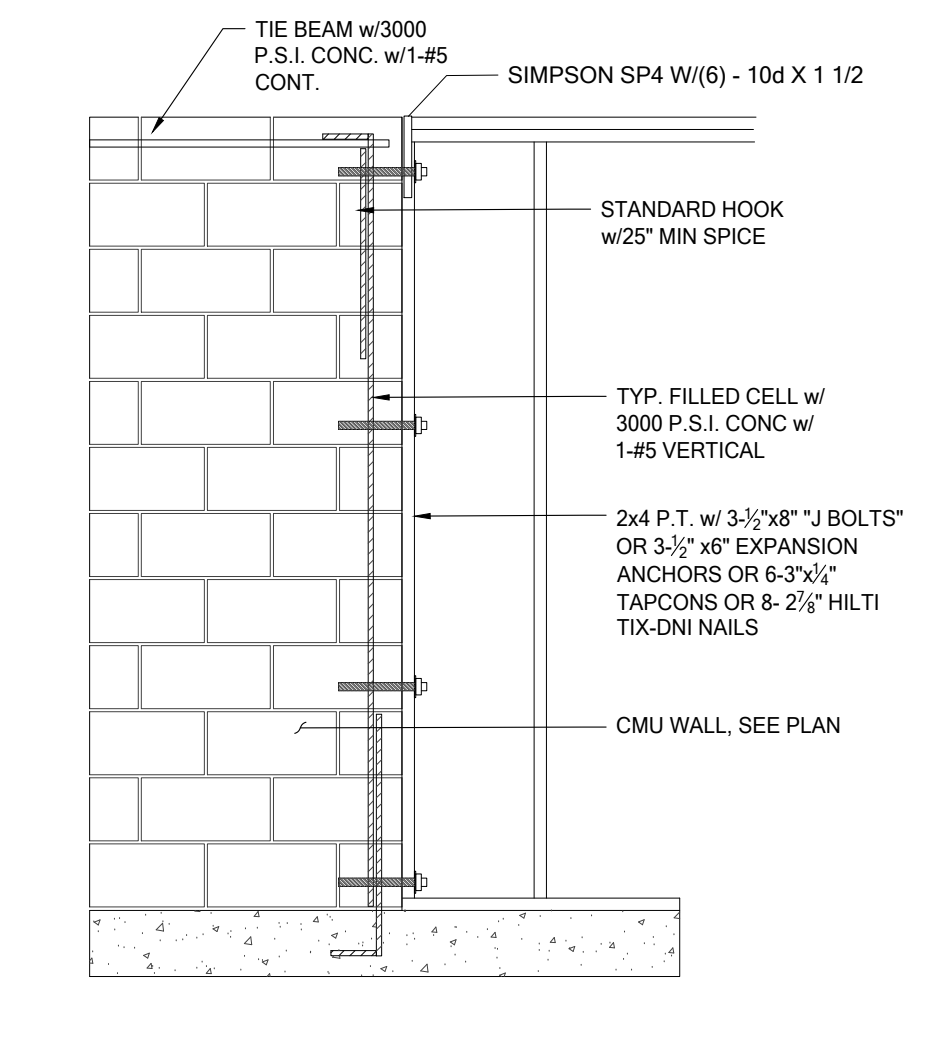
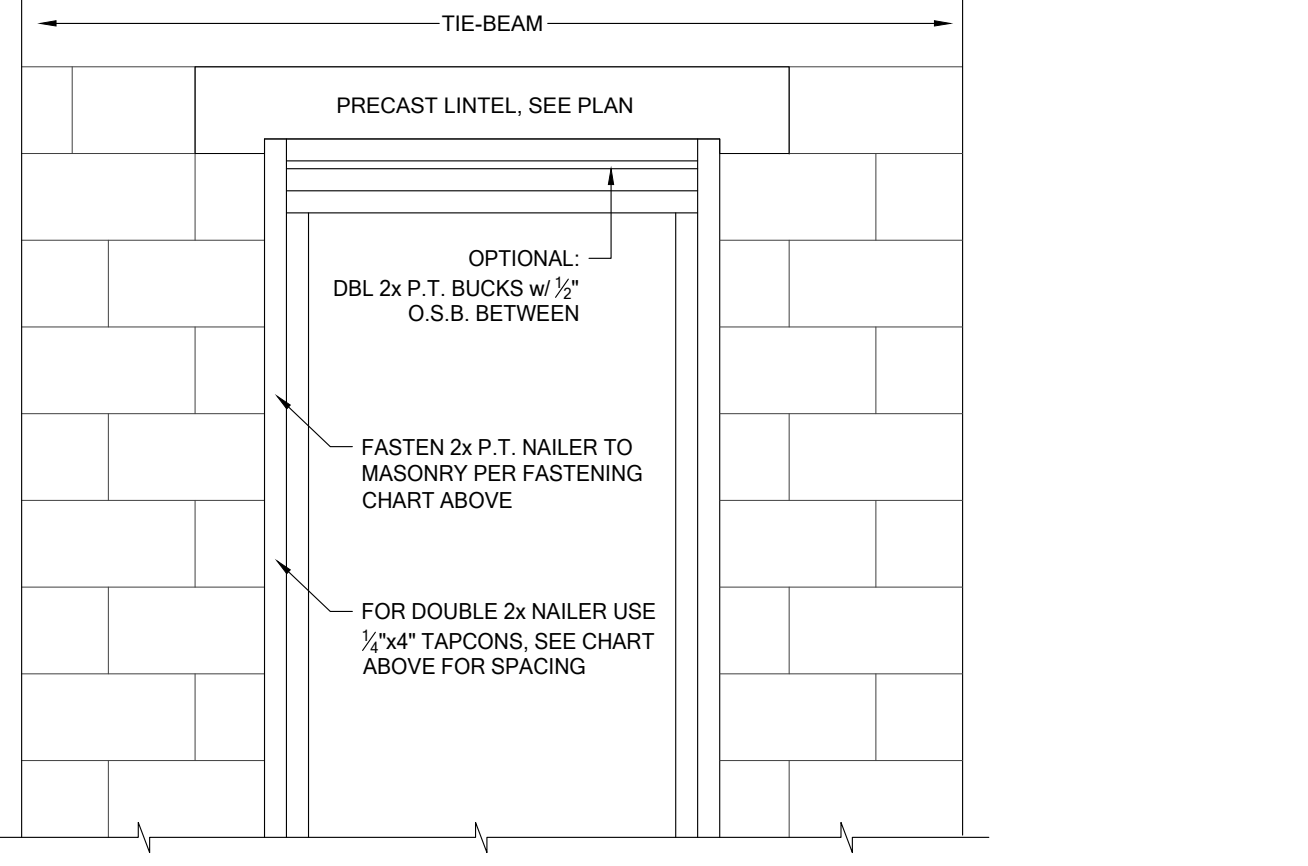


ATTACHMENT REQUIREMENTS

SIZE	TAPCONS	SPACING	# ROWS
2 x 4	3/16" X 3"	12" O.C.	1
2 x 6	3/16" X 3"	12" O.C.	2
2 x 8	3/16" X 3"	12" O.C.	2

NOTES:

- TAPCONS TO BE 6" FROM END
- FASTENING TO WINDOW TO BUCK RESPONSIBILITY OF WINDOW MANUFACTURER
- 1x BUCKS ARE NOT STRUCTURAL AND SHALL BE USED ONLY AS BLOCKING



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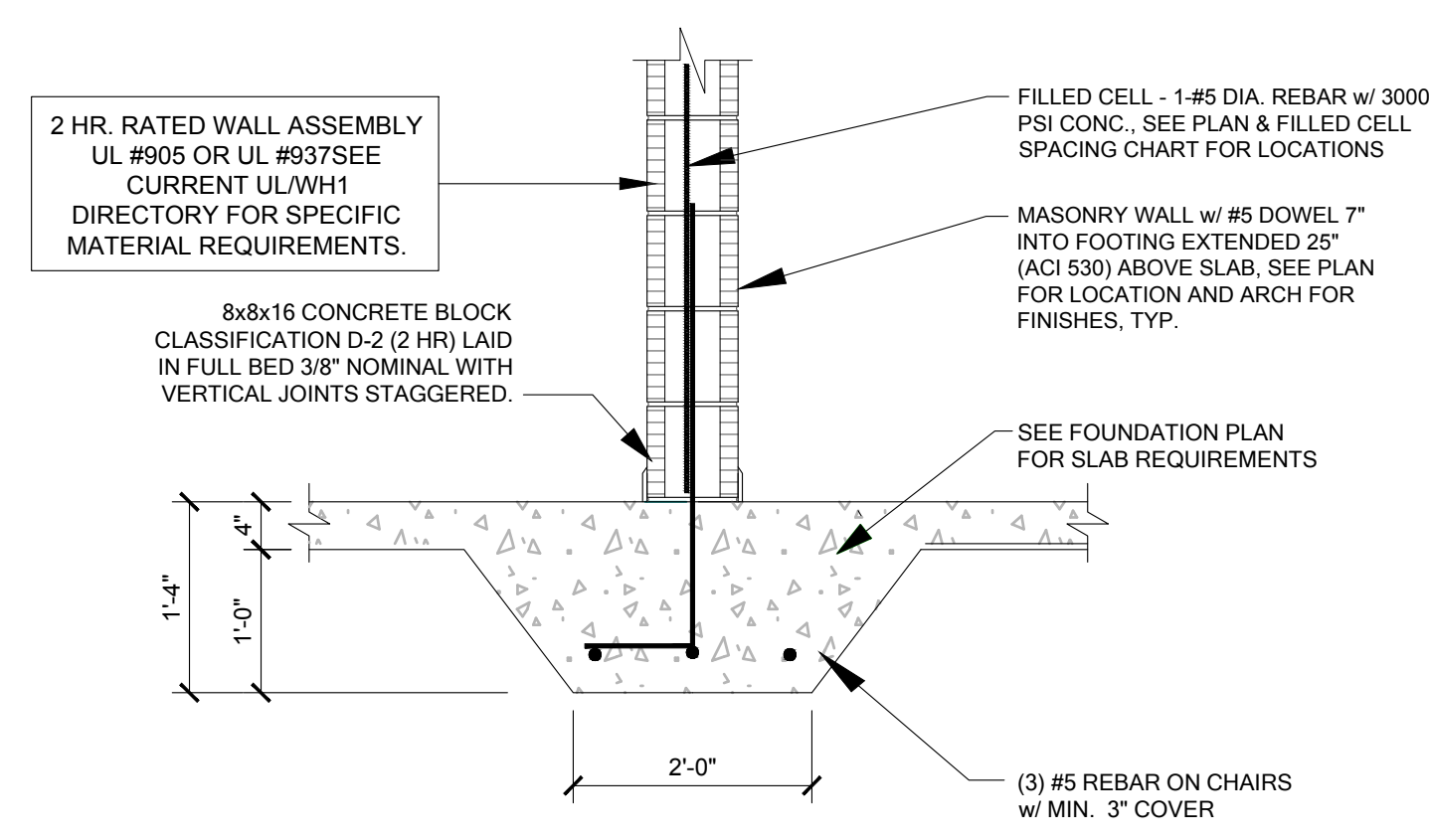
258 Southhall Lane, Suite 200, Maitland, FL 32751
O: 321-972-0491 F: 407-880-2304
Certificate of Authorization No. 9161
SARA A. BROWN, P.E., P.F.P. #9729
SOCIETY OF PROFESSIONAL ENGINEERS - FLORIDA
DATE: January 26, 2023

PARK SQUARE HORIZONS WEST 6-UNIT - ADAMS END UNITS

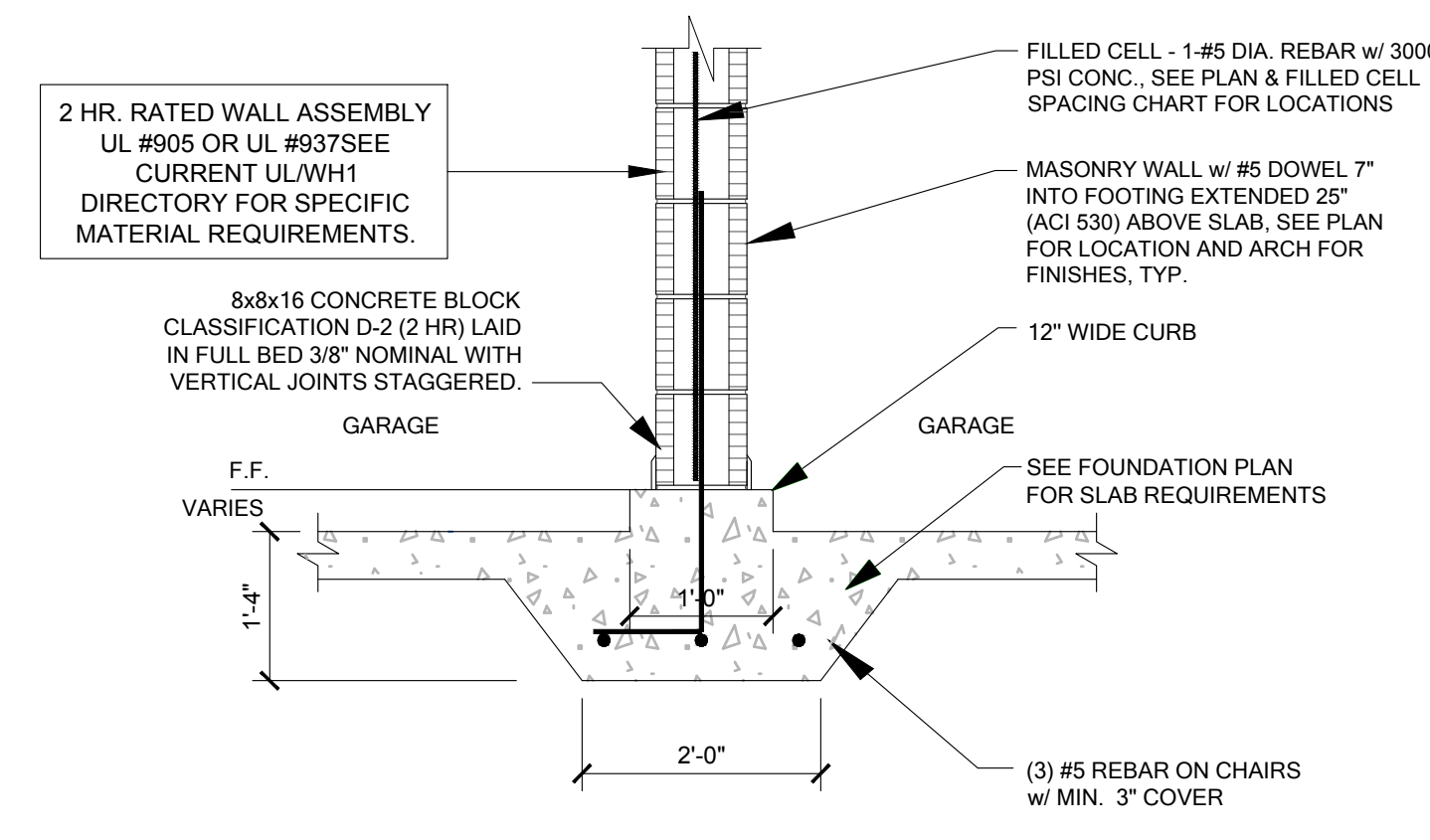
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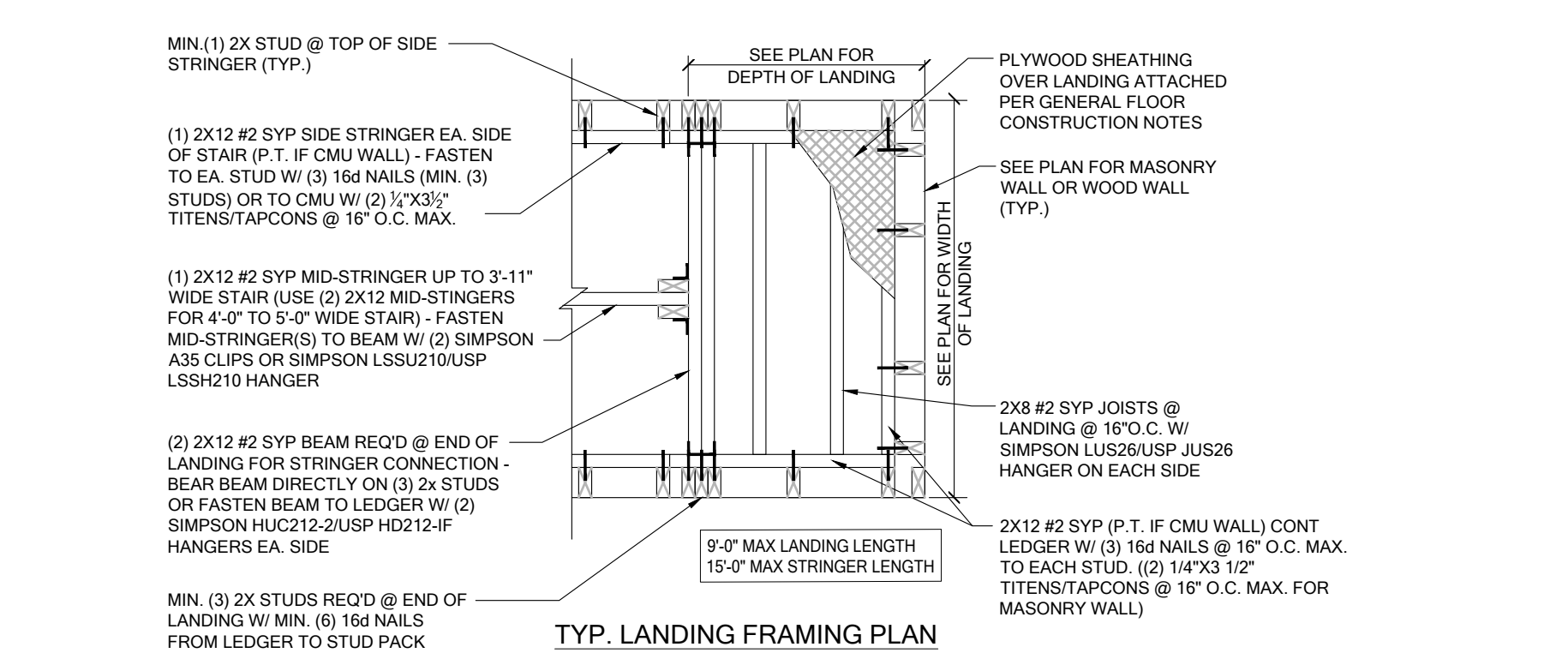
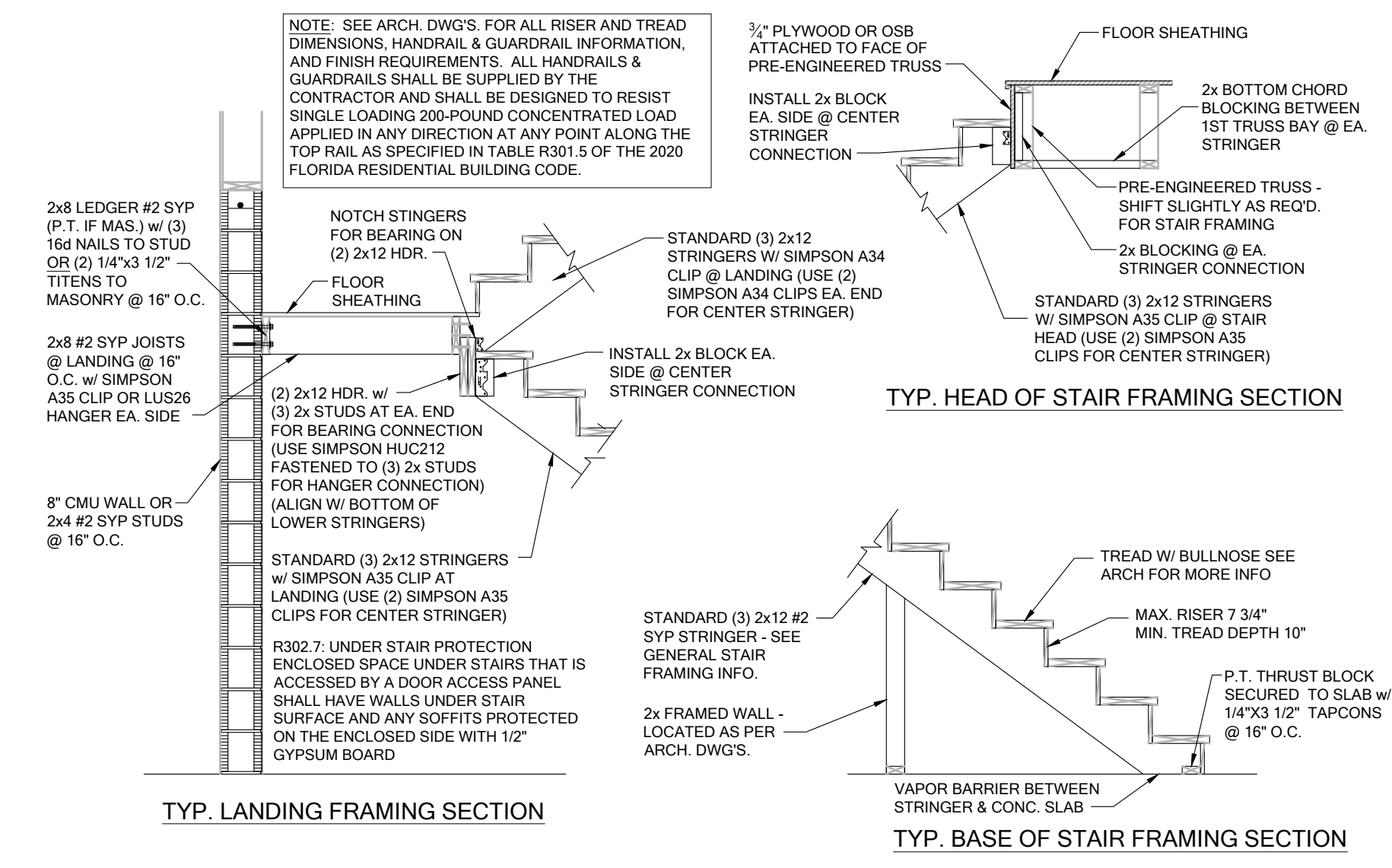
NOTE: DRAWINGS ON 11"x17" SHEET WILL BE ONE HALF THE SCALE NOTED



FM21 PARTY WALL FOOTING
SCALE: 3/4" = 1'-0"



FM24 GARAGE PARTY WALL FOOTING
SCALE: 3/4" = 1'-0"



SD02 GENERAL STAIR SECTIONS & PLAN
SCALE: 3/4" = 1'-0"

CAST CRETE OR QUALITY/ LOTTS LINTEL LOAD SPECIFICATIONS

SAFE GRAVITY LOADS FOR 8" PRECAST & PRESTRESSED U-LINTELS

LENG.T.H	TYPE	8U8	SAFE LOAD - POUNDS PER LINEAR FOOT							
			8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B	
2'-10" (34")	PRECAST	2231	3069	4605	6113	7547	8974	10394	11809	
3'-6" (42")	PRECAST	2231	3069	3719	5163	6607	8054	9502	10951	
4'-0" (48")	PRECAST	1966	2561	2751	3820	4890	5961	7034	8107	
4'-6" (54")	PRECAST	1599	1969	2110	2931	3753	4576	5400	6224	
5'-4" (64")	PRECAST	1217	1349	1438	1999	2560	3123	3686	4249	
5'-10" (70")	PRECAST	1062	1105	1173	1631	2090	2549	3009	3470	
6'-6" (78")	PRECAST	908	1238	2177	3480	3031	3707	4383	5061	
7'-6" (90")	PRECAST	743	1011	1729	2632	2205	2698	3191	3685	
9'-4" (112")	PRECAST	554	752	1245	1843	2564	3486	4705	6390	
10'-6" (126")	PRECAST	475	535	890	1247	2093	2777	3633	4754	
11'-4" (136")	PRECAST	362	422	706	1002	1326	1697	2127	2630	
12'-0" (144")	PRECAST	337	343	582	845	1366	1846	2423	3127	
13'-4" (160")	PRECAST	296	296	471	755	1075	1428	1838	2316	
14'-0" (168")	PRECAST	279	279	424	706	1002	1326	1697	2127	
14'-8" (176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	
15'-4" (184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	
17'-4" (208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	
19'-4" (232")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	
21'-4" (256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	
22'-0" (264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	

(#) THE NUMBERS IN PARENTHESIS ARE PERCENT REDUCTIONS FOR GRA4 FIELD ADDED REBAR.

SAFE UPLIFT LOADS FOR 8" PRECAST & PRESTRESSED U-LINTELS

LENG.T.H	TYPE	SAFE LOAD - POUNDS PER LINEAR FOOT							
		8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	
2'-10" (34")	PRECAST	1972	3173	4460	5747	7034	8321	9608	
3'-6" (42")	PRECAST	1569	2524	3547	4569	5591	6613	7636	
4'-0" (48")	PRECAST	1363	2192	3079	3966	4853	5740	6627	
4'-6" (54")	PRECAST	1207	1940	2724	3508	4292	5077	5861	
5'-4" (64")	PRECAST	1016	1632	2290	2949	3607	4265	4924	
5'-10" (70")	PRECAST	929	1492	2093	2694	3295	3897	4498	
6'-6" (78")	PRECAST	835	1340	1880	2419	2959	3498	4038	
7'-6" (90")	PRECAST	727	1166	1634	2102	2571	3039	3508	
9'-4" (112")	PRECAST	591	880	1133	1471	1811	2152	2494	
10'-6" (126")	PRECAST	530	786	1033	1371	1711	2052	2394	
11'-4" (136")	PRECAST	474	685	933	1271	1611	1952	2294	
12'-0" (144")	PRECAST	420	599	848	1186	1524	1865	2206	
13'-4" (160")	PRECAST	384	552	800	1138	1476	1815	2154	
14'-0" (168")	PRECAST	348	505	752	1090	1428	1767	2106	
14'-8" (176")	PRESTRESSED	246	390	534	678	822	966	1110	
15'-4" (184")	PRESTRESSED	230	364	508	652	796	940	1084	
17'-4" (208")	PRESTRESSED	187	255	344	433	522	611	700	
19'-4" (232")	PRESTRESSED	162	222	301	390	479	568	657	
21'-4" (256")	PRESTRESSED	142	198	277	366	455	544	633	
22'-0" (264")	PRESTRESSED	137	192	271	360	449	538	627	
24'-0" (288")	PRESTRESSED	124	175	254	343	432	521	610	

(#) THE NUMBERS IN PARENTHESIS ARE PERCENT REDUCTIONS FOR GRA4 FIELD ADDED REBAR.

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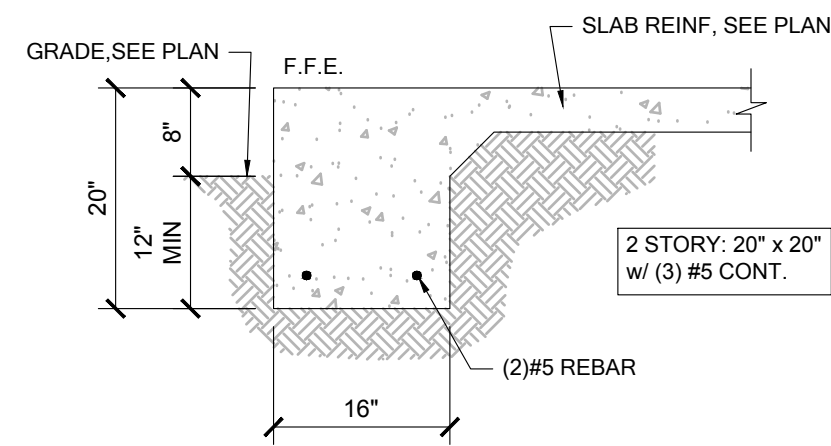
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S: 407-880-2304
S: 407-880-2304
S: 407-880-2304
DATE: January 26, 2023

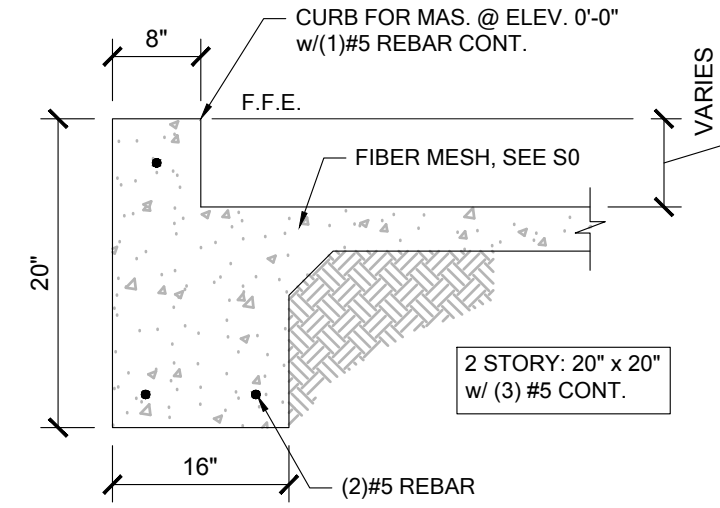
**PARK SQUARE
HORIZONS WEST
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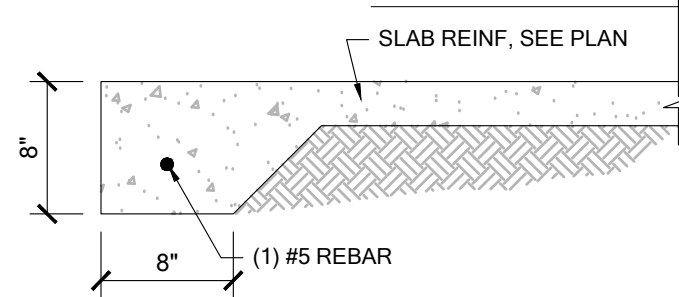
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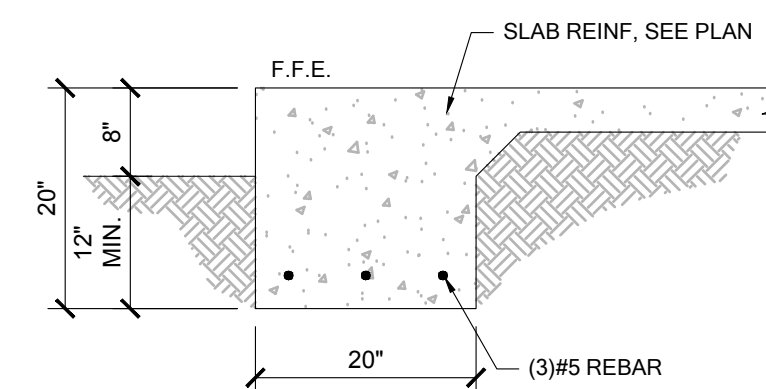
FM01 SINGLE STORY FTG
SCALE: 3/4" = 1'-0"



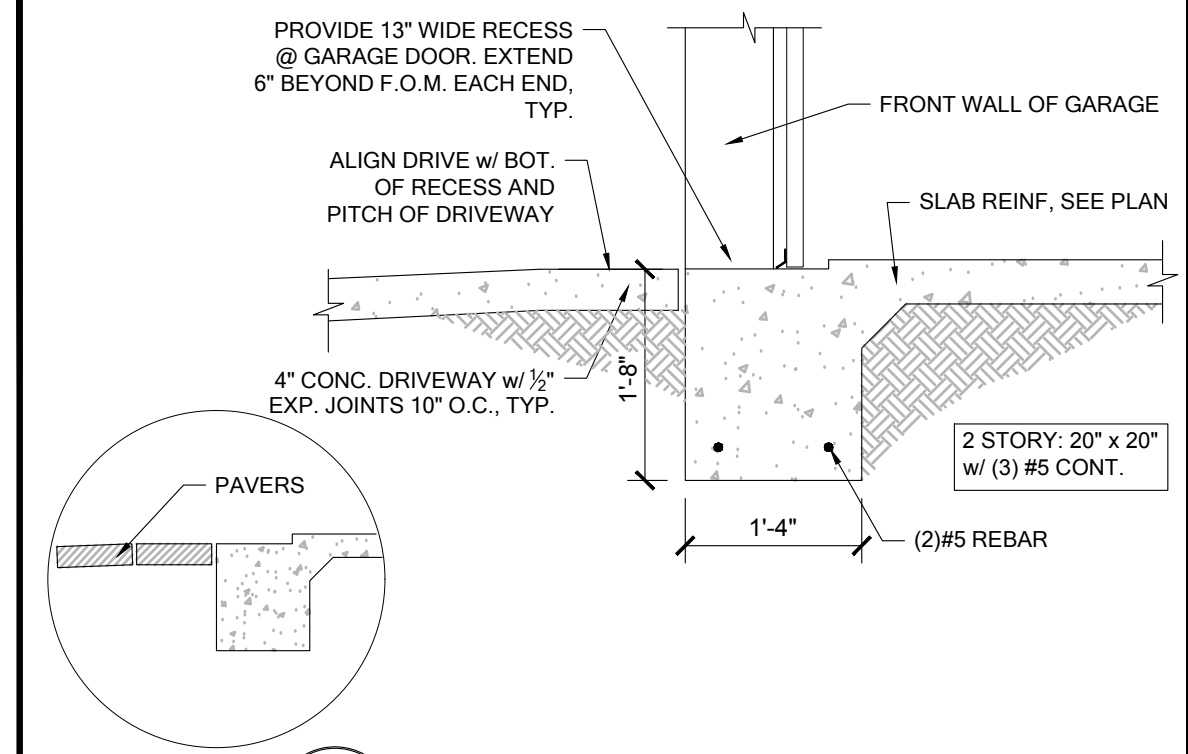
FM02 SECTION @ GARAGE
SCALE: 3/4" = 1'-0"



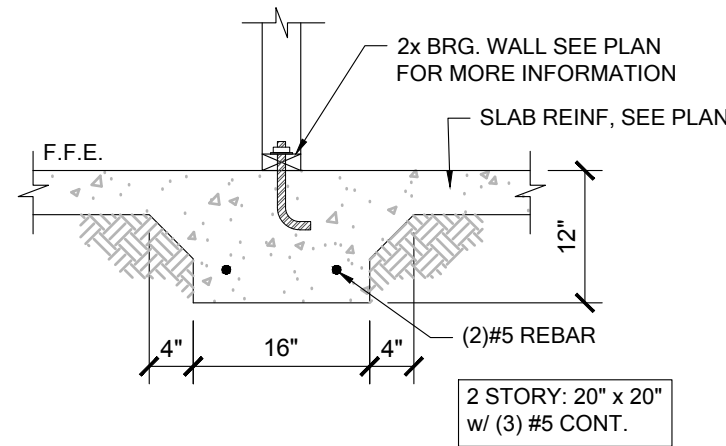
FM03 THICKENED EDGE
SCALE: 3/4" = 1'-0"



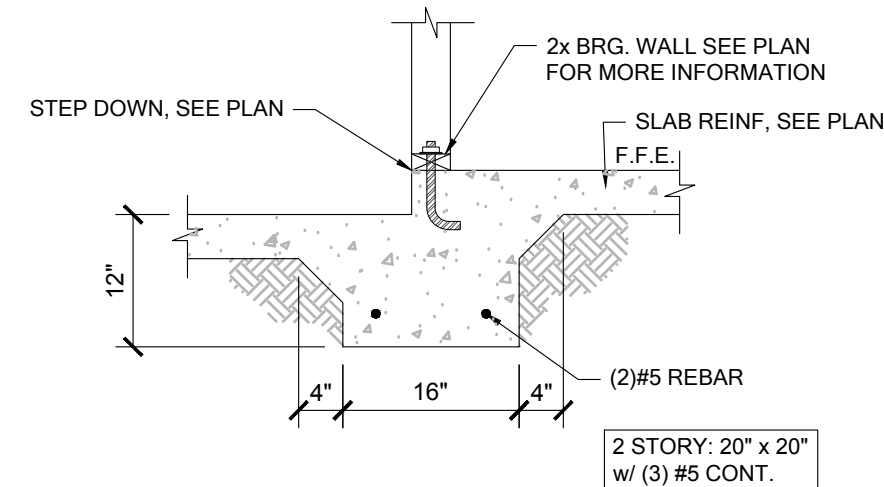
FM08 2-STORY FOOTING
SCALE: 3/4" = 1'-0"



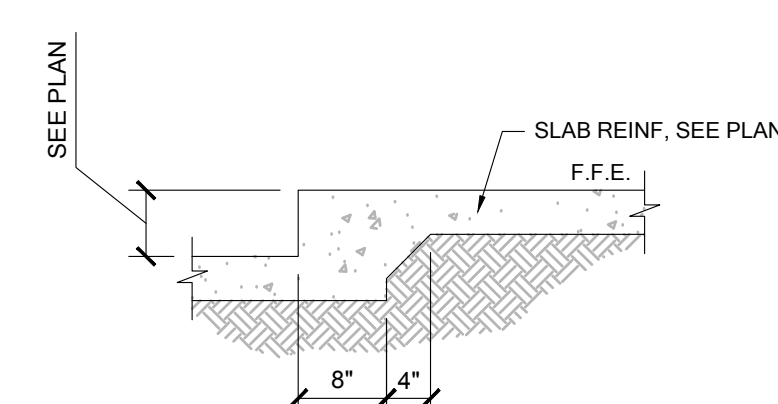
FM09 SECTION @ GARAGE DOOR
SCALE: 3/4" = 1'-0"



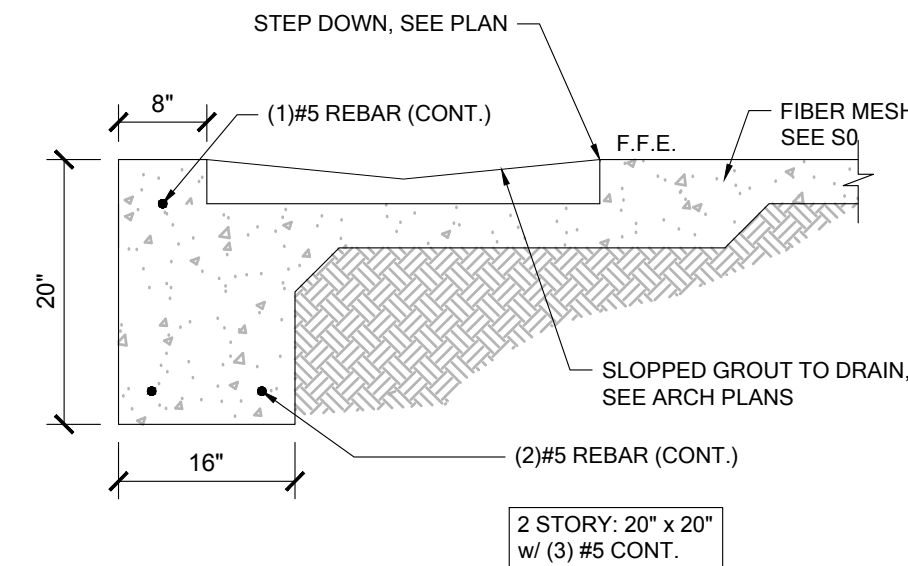
FM10 INTERIOR BEARING WALL
SCALE: 3/4" = 1'-0"



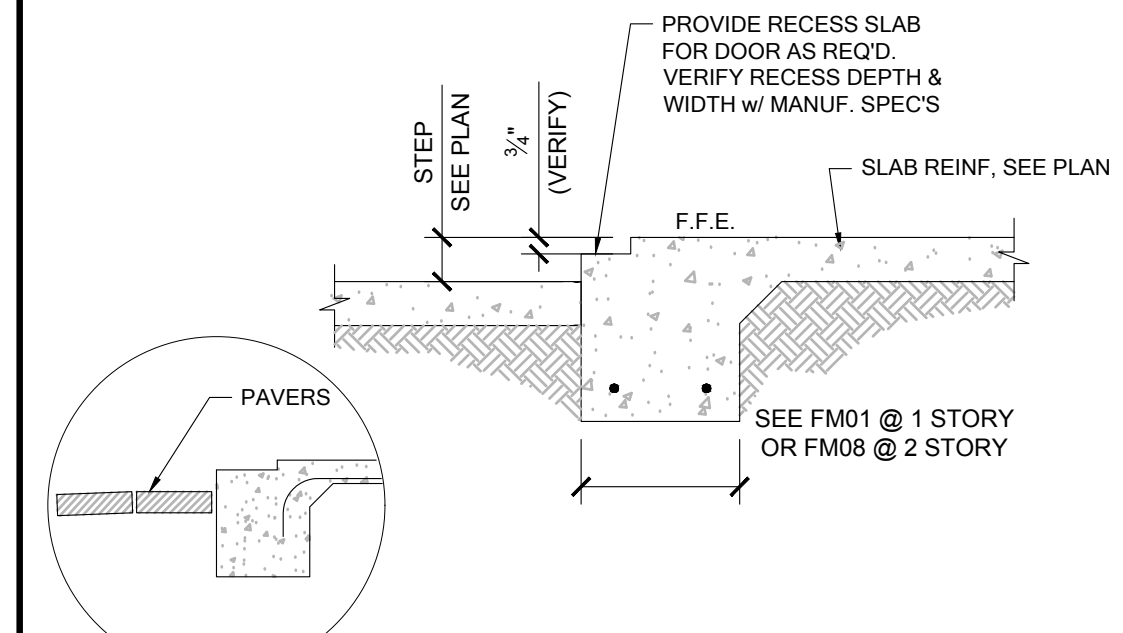
FM11 STEP DOWN BEARING
SCALE: 3/4" = 1'-0"



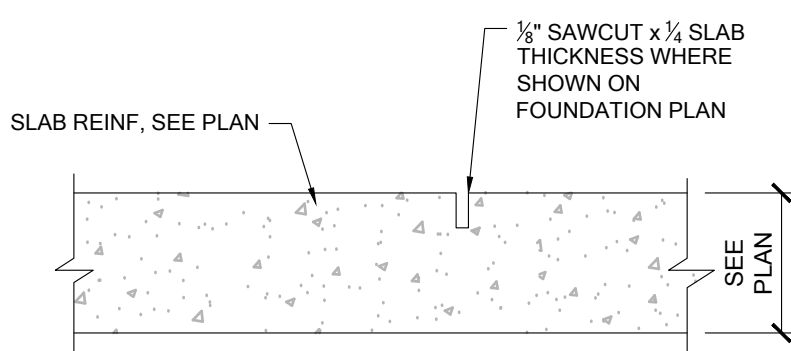
FM12 STEP DOWN NON-BEARING
SCALE: 3/4" = 1'-0"



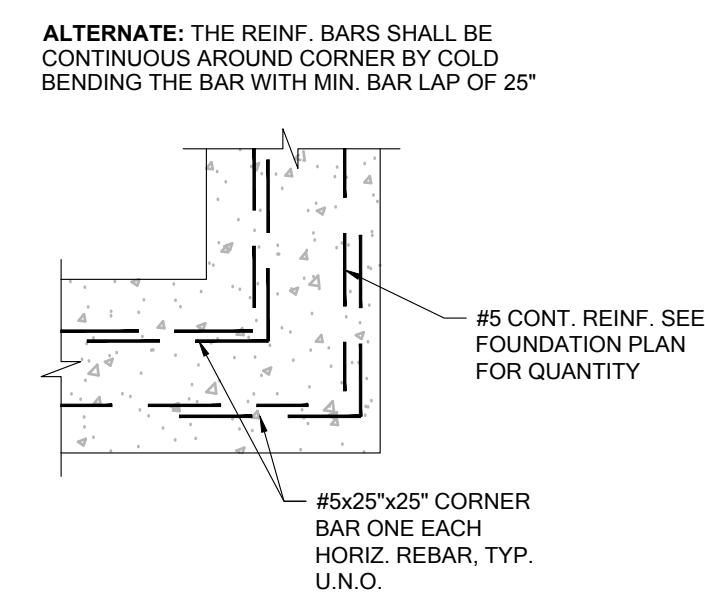
FM14 SECTION @ SHOWER
SCALE: 3/4" = 1'-0"



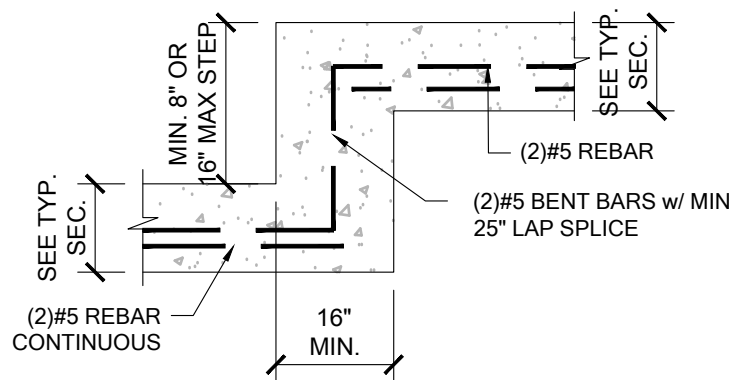
FM15 EXTERIOR BEARING @ RECESS
SCALE: 3/4" = 1'-0"



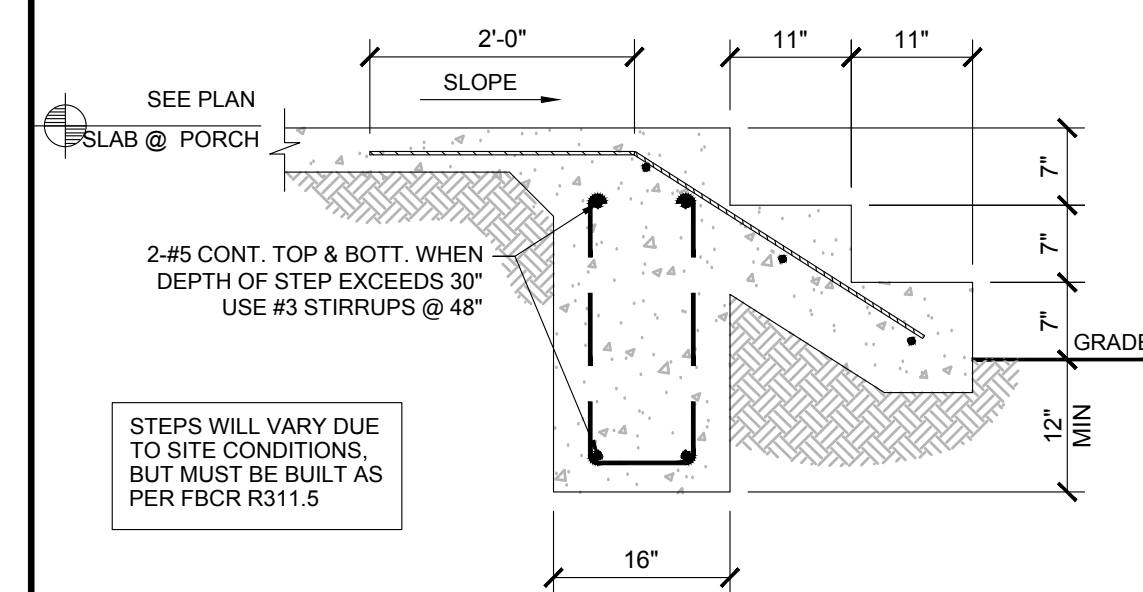
FM20 CONTROL JOINT
SCALE: 3/4" = 1'-0"



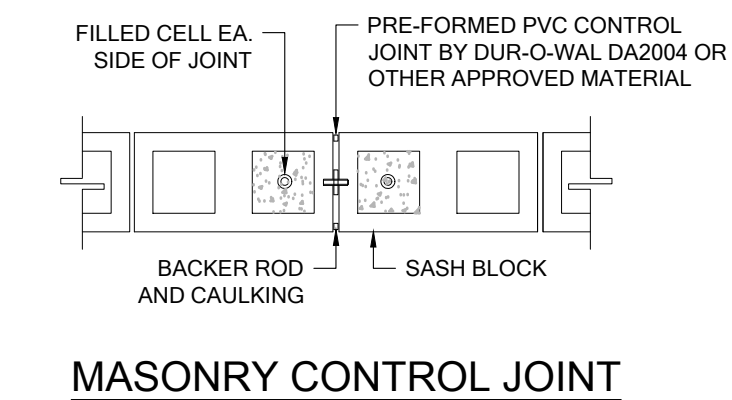
FM19 TYP. CORNER BAR DETAIL
SCALE: 3/4" = 1'-0"



FM18 TYP. STEP FOOTING DETAIL
SCALE: 3/4" = 1'-0"

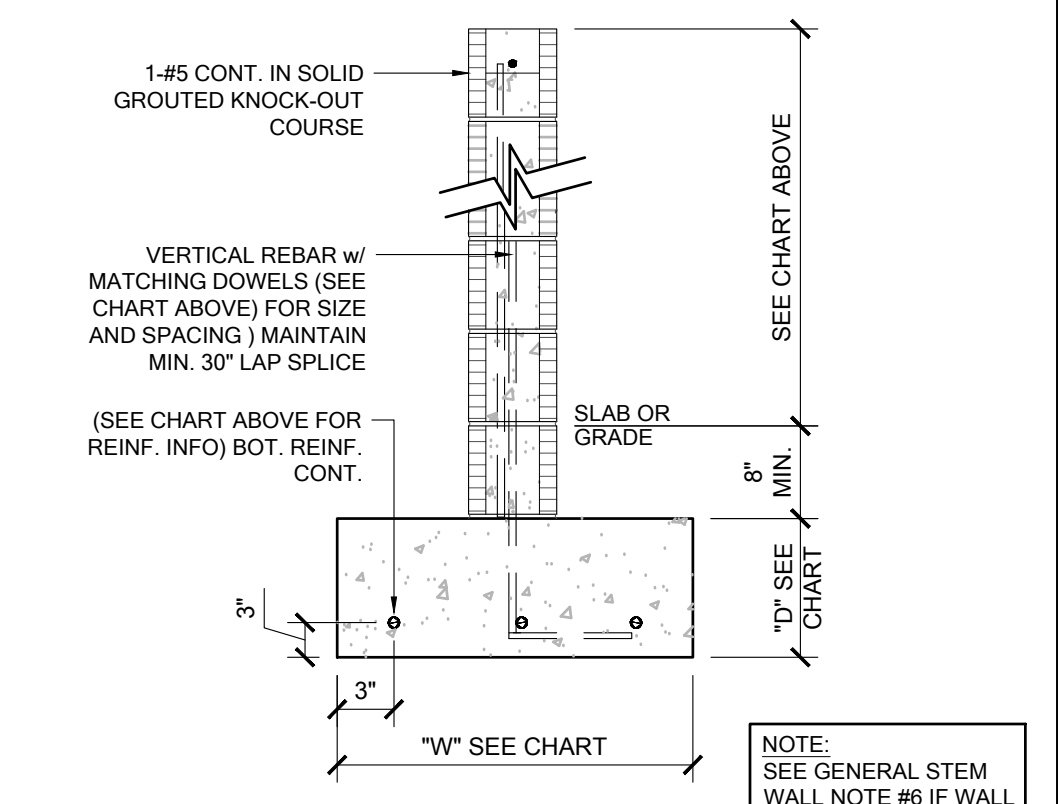


FM22 PORCH STEP
SCALE: 3/4" = 1'-0"

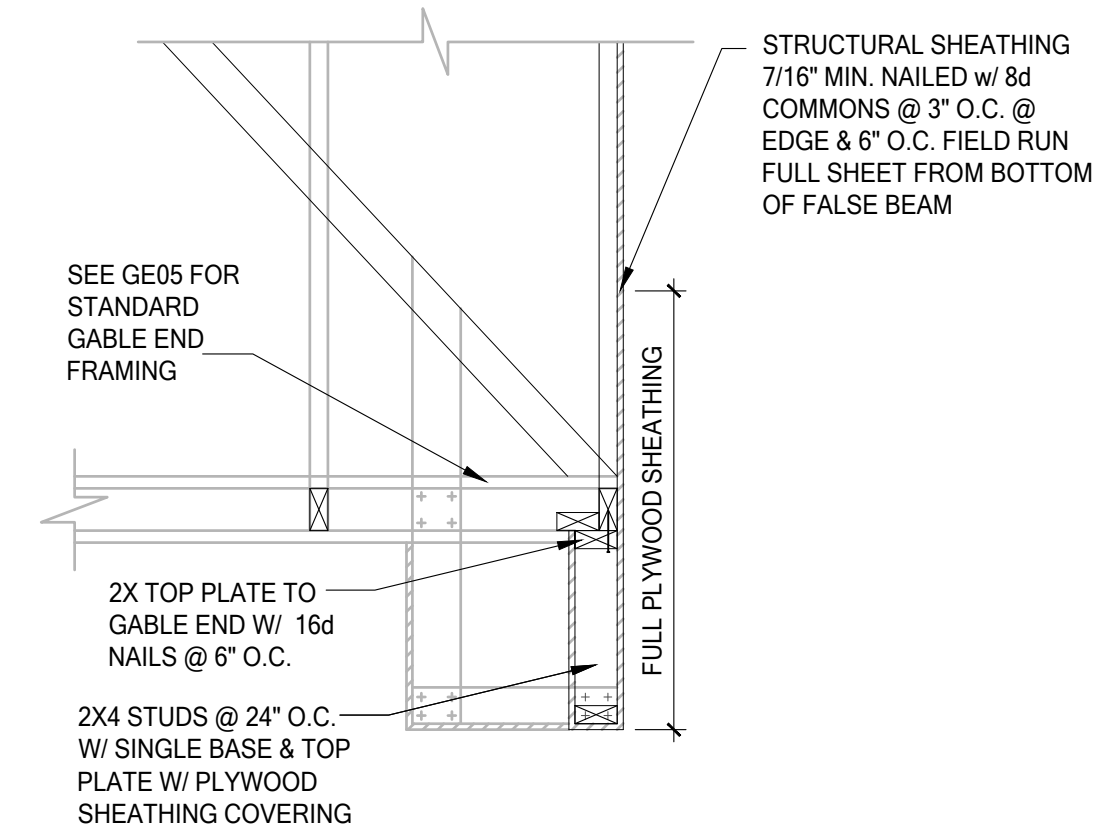


MASONRY CONTROL JOINT

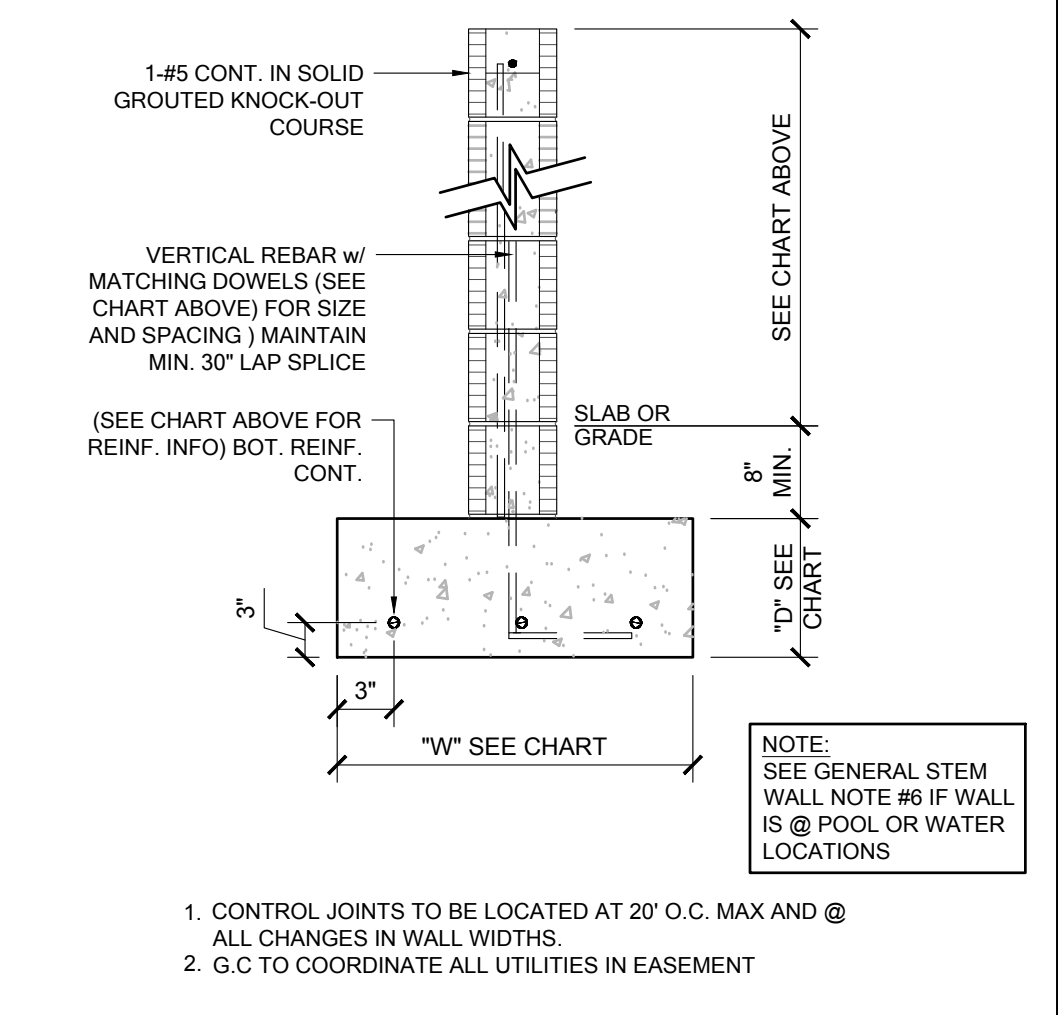
SITE WALL SCHEDULE				
SITE WALL HEIGHT (ft)	FOOTING SIZE		NUMBER/SIZE OF BARS	MAXIMUM DOWEL SPACING
	WIDTH	DEPTH		
0'-0" - 2'-8"	2'-0"	1'-0"	w/ (3) #5 CONT.	#5 @ 72" O.C.
>2'-8" - 5'-0"	3'-0"	1'-0"	w/ (3) #5 CONT.	#5 @ 48" O.C.
>5'-0" - 7'-0"	3'-4"	1'-0"	w/ (5) #5 CONT.	#5 @ 24" O.C.
>7'-0" - 8'-0"	4'-0"	1'-4"	w/ (5) #5 CONT. & #5 @ 32" O.C. TRANSV.	#6 @ 24" O.C.



FM23 FOUNDATION PENETRATIONS, TYPICAL
SCALE: 3/4" = 1'-0"



GE15 FALSE BEAM @ GABLE END
SCALE: 3/4" = 1'-0"



FM15 EXTERIOR BEARING @ RECESS
SCALE: 3/4" = 1'-0"

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O: 321-972-0491 F: 407-880-2304
Certificate of Authorization No. 9161
SCOTT A. BROWN, P.E. # 9729
SCOTT B. HENNING, P.E. # 749789
DATE: January 26, 2023
TO THE BEST OF OUR KNOWLEDGE AND BELIEF, WE HAVE PREPARED THE STRUCTURAL DRAWINGS AND SPECIFICATIONS ACCORDING TO THE PROFESSIONAL SEAL AND LICENSE OF THE ENGINEER.

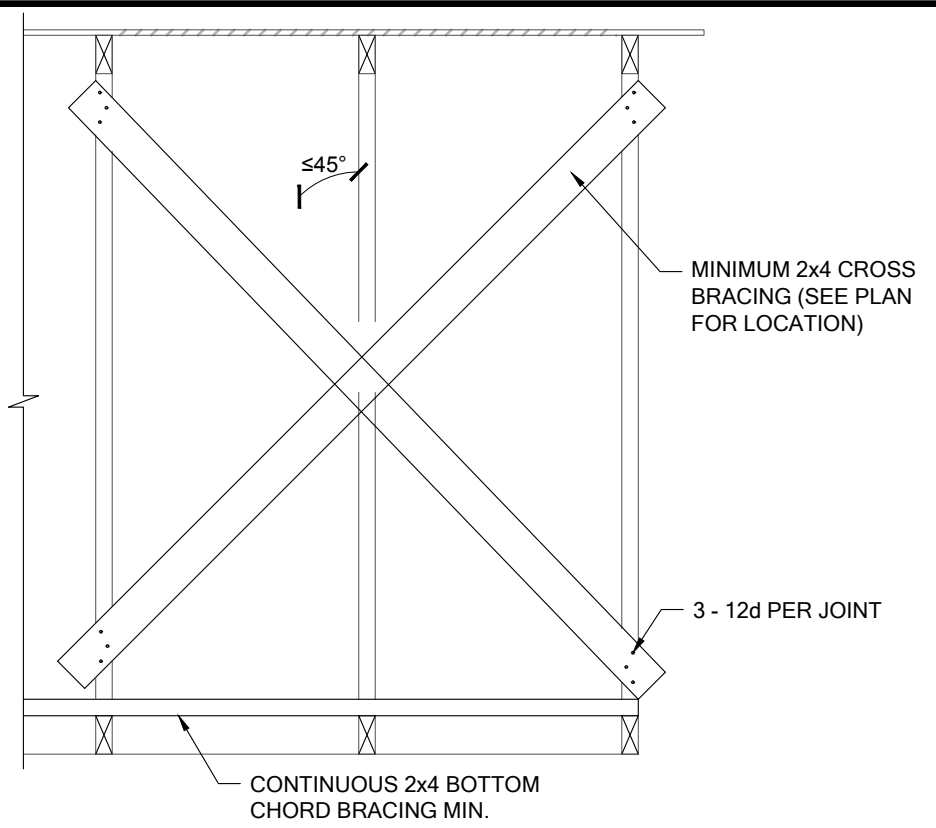
FDS JOB NO. _____

**PARK SQUARE
HORIZONS WEST
6-UNIT - ADAMS END UNITS**

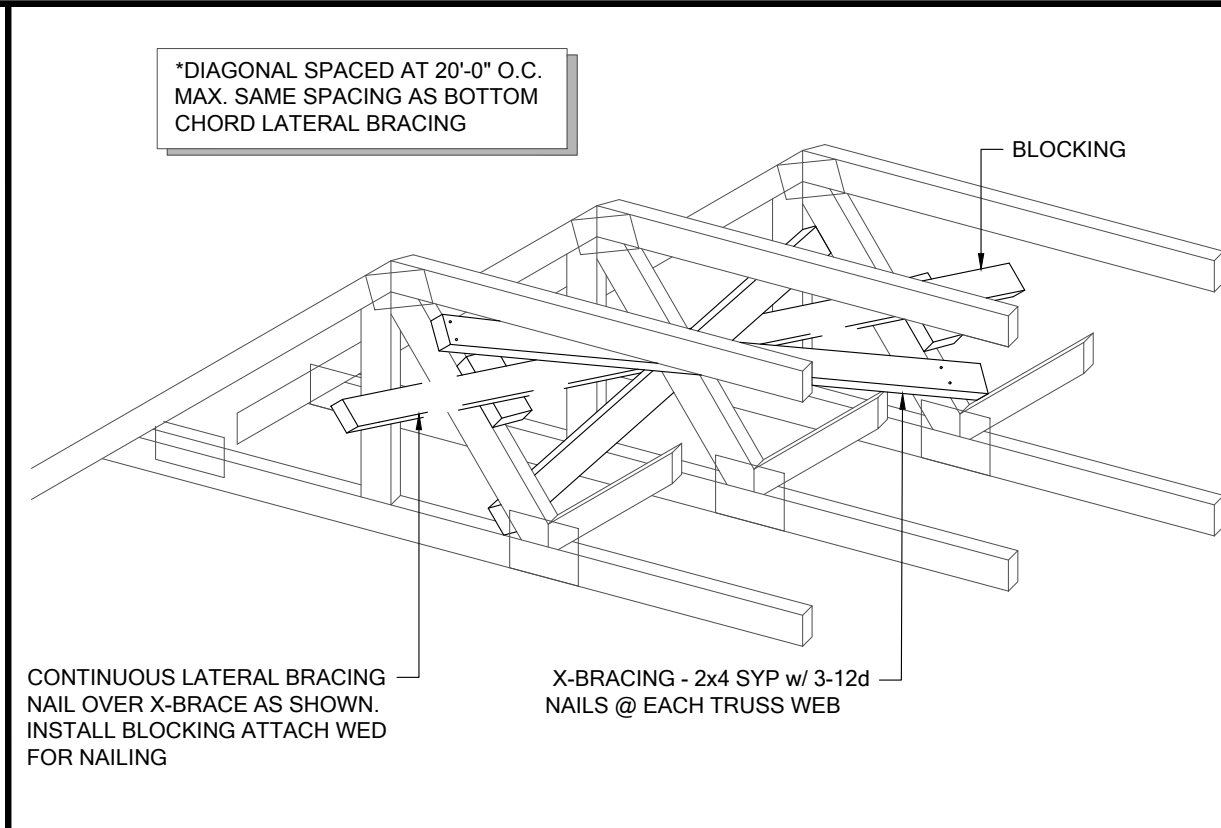
title: _____
project no. 2022144
checked: AB
drawn: _____
date: 05-19-22
scale: _____

D1

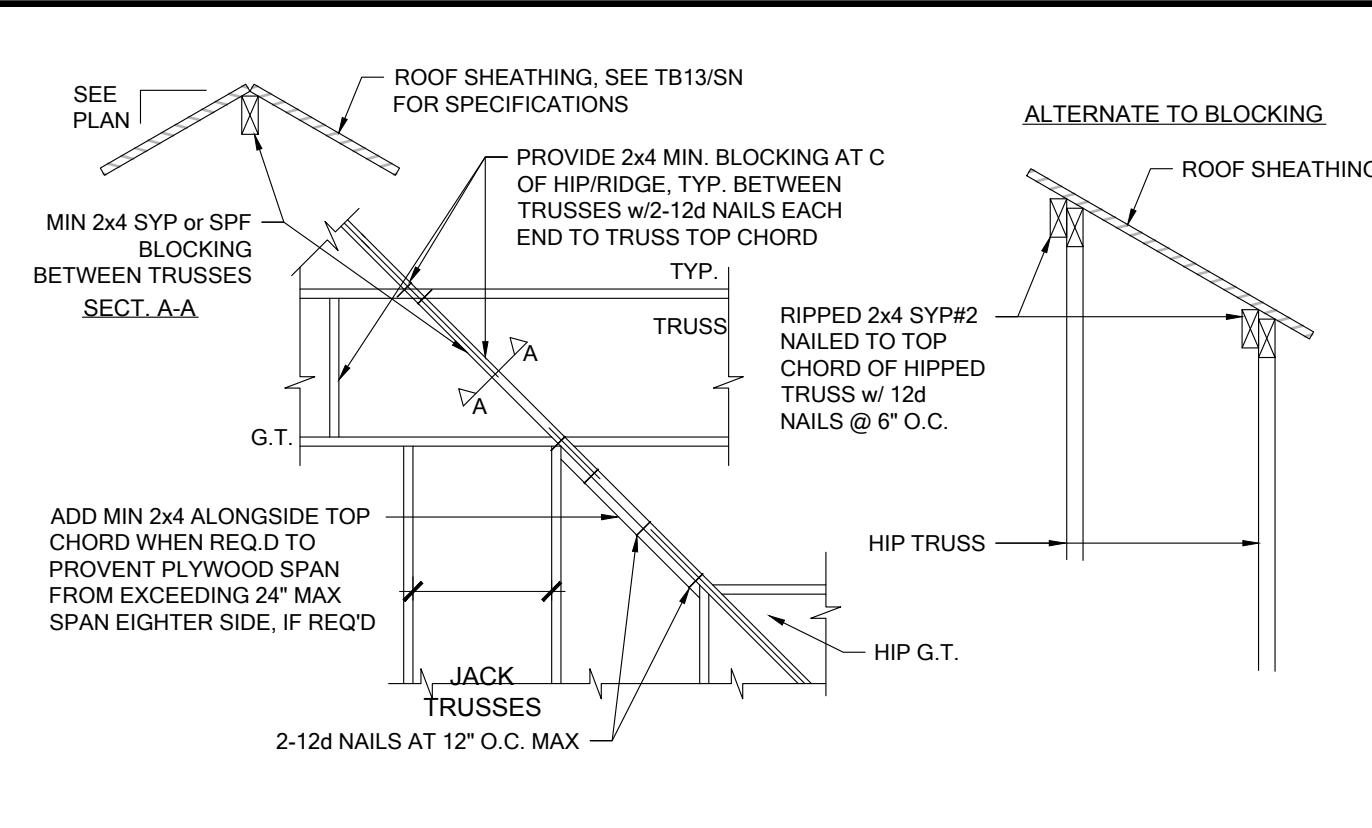
NOTE: DRAWINGS ON 11"x17" SHEET WILL BE ONE HALF THE SCALE NOTED



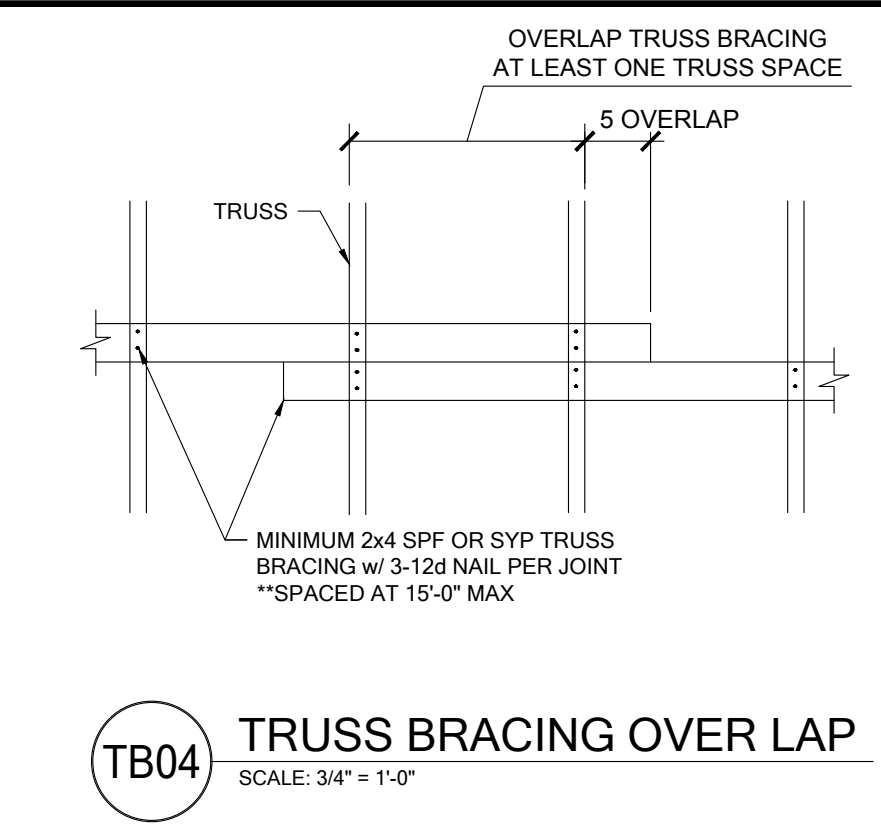
TB01 CROSS BRACING, TYP.
SCALE: 3/4" = 1'-0"



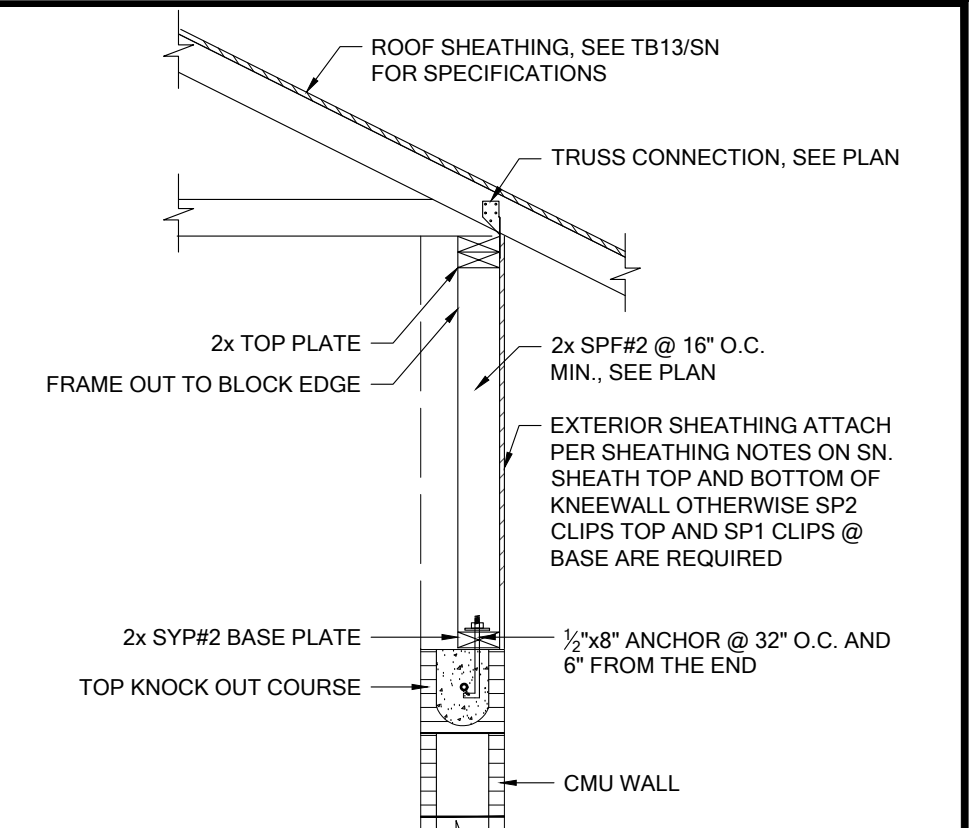
TB02 CROSS BRACING TYPICAL
SCALE: N.T.S.



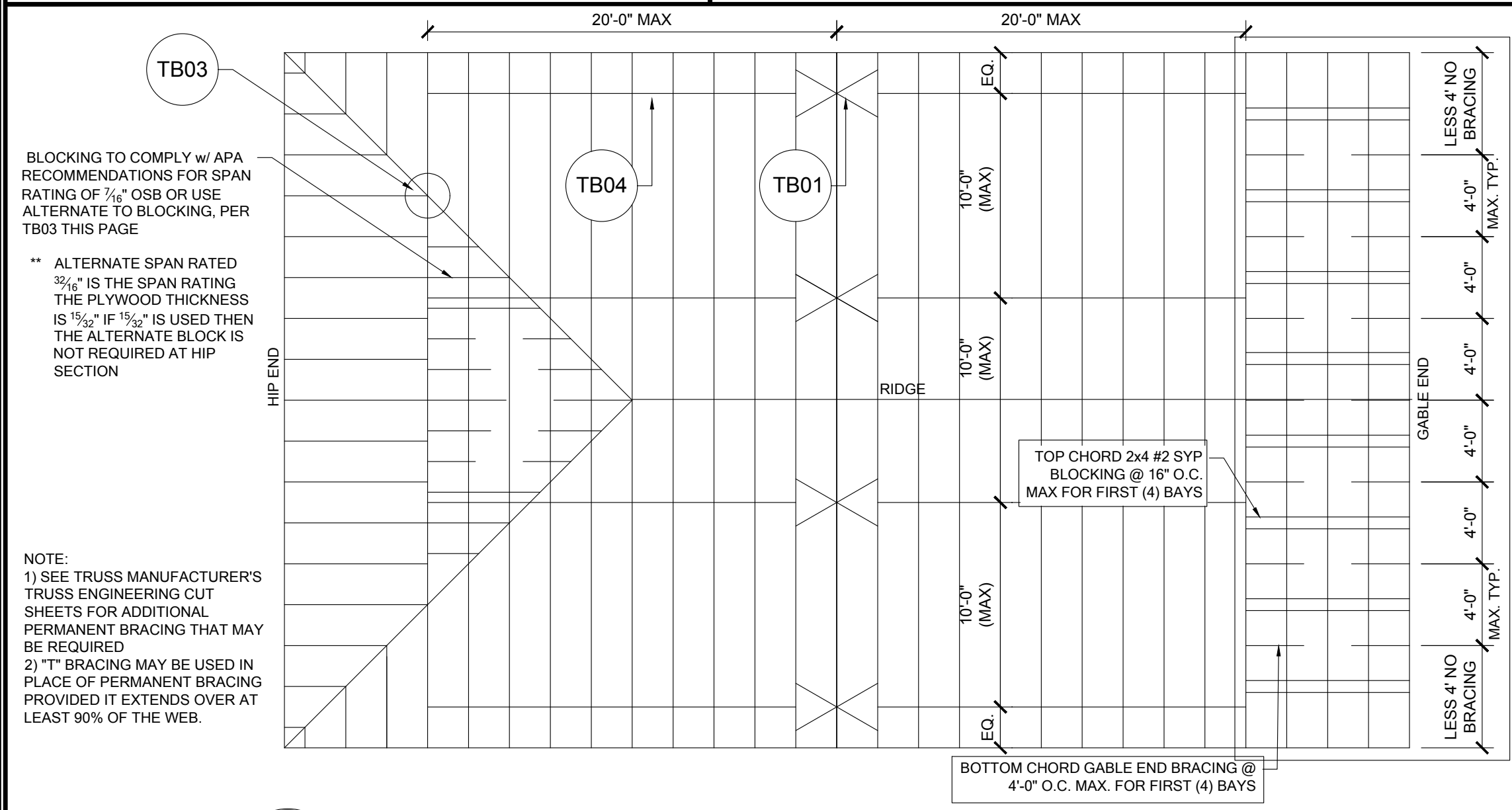
TB03 HIP/RIDGE BLOCKING
SCALE: 3/4" = 1'-0"



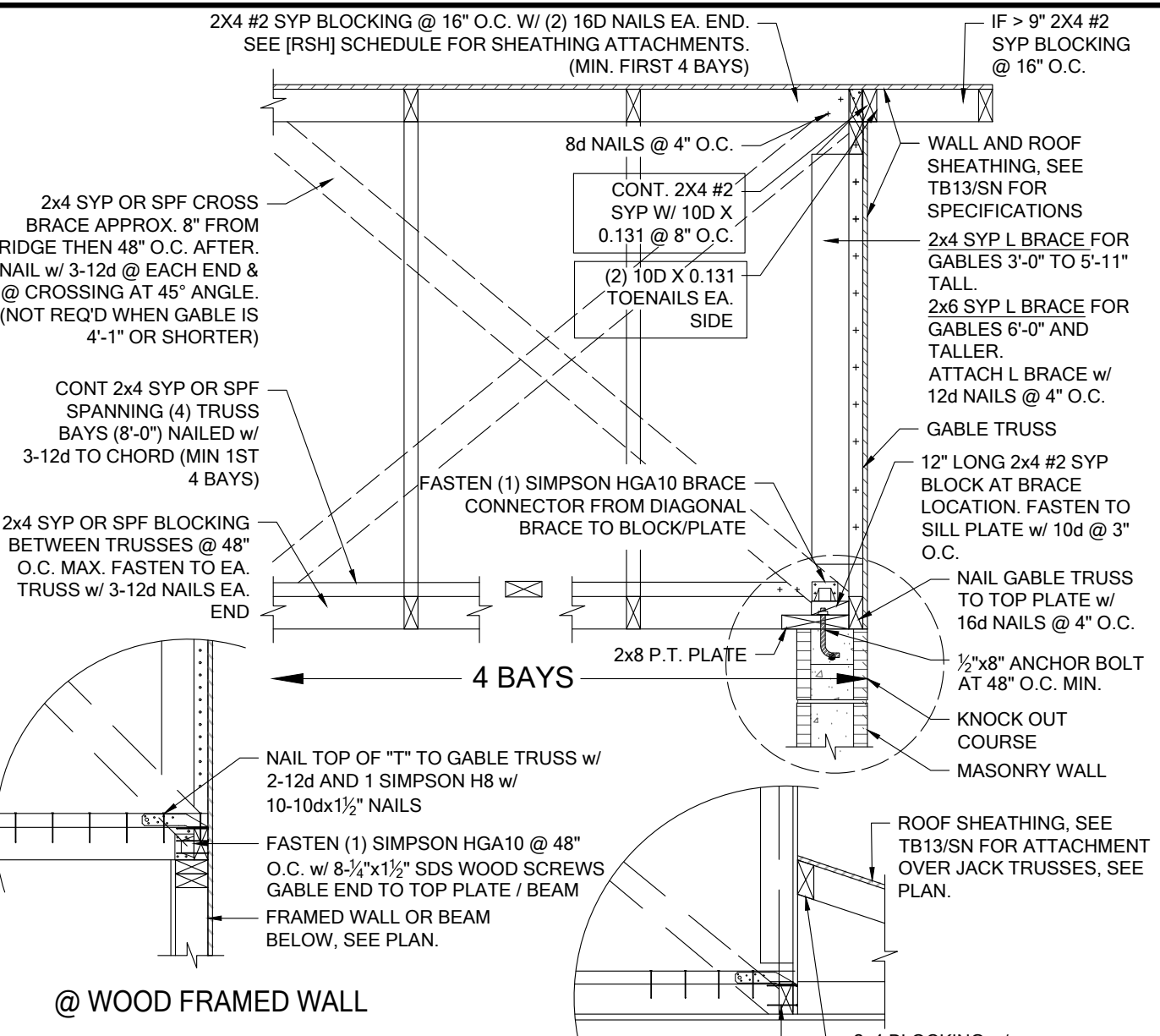
TB04 TRUSS BRACING OVER LAP
SCALE: 3/4" = 1'-0"



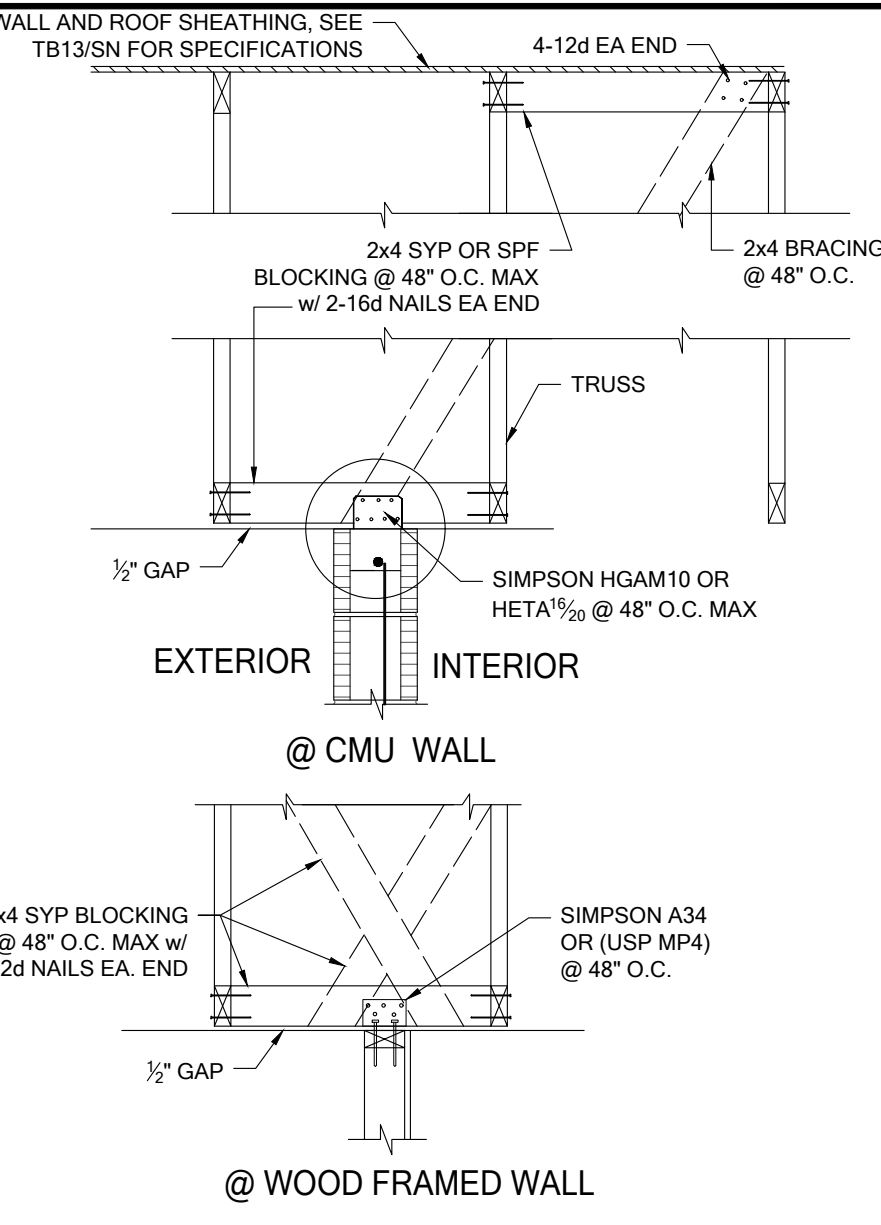
WF21 KNEE WALL @ ENTRY (OPTION)
SCALE: 3/4" = 1'-0"



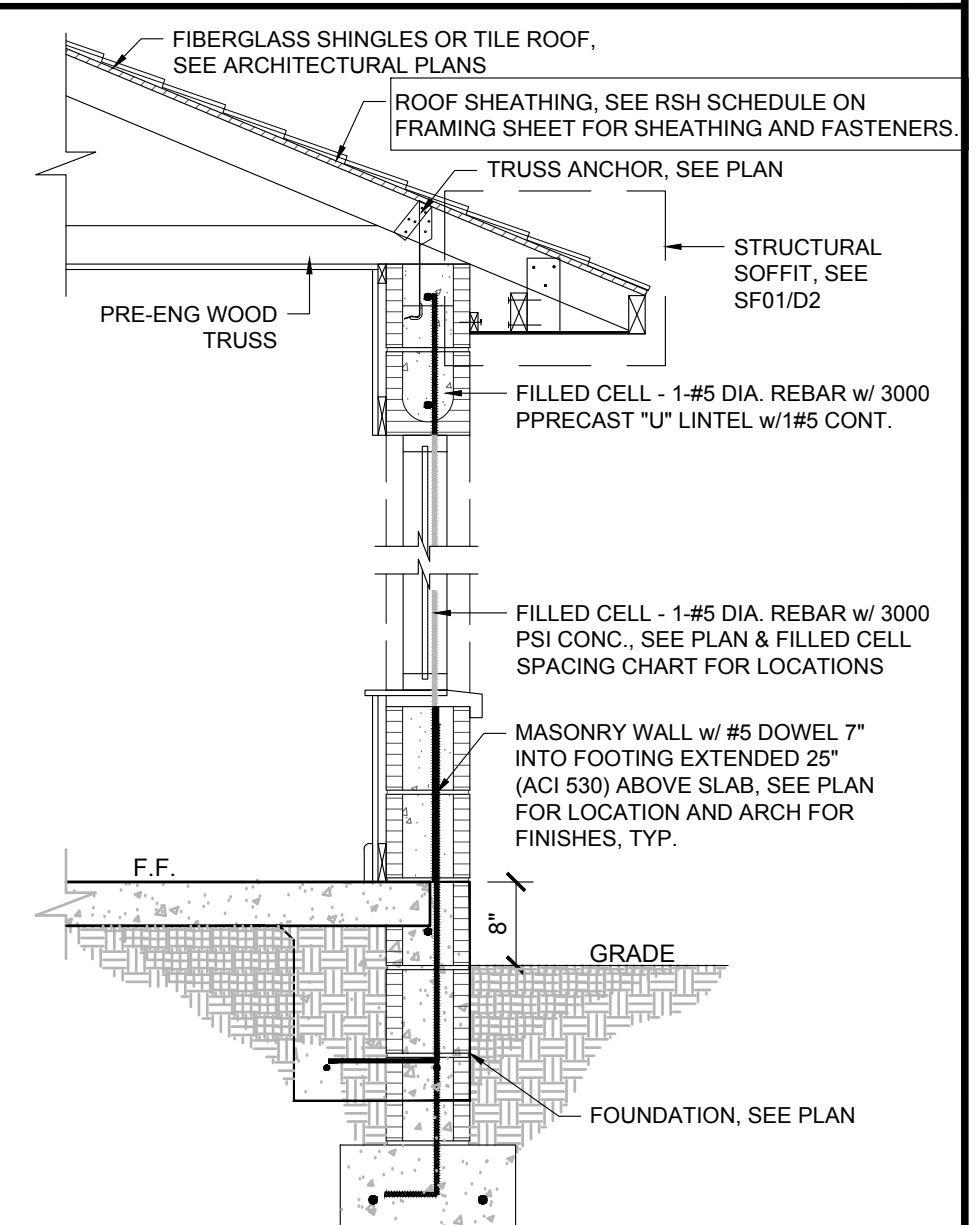
TB05 REQUIRED MIN. PERMANENT TRUSS BRACING PLAN
SCALE: N.T.S.



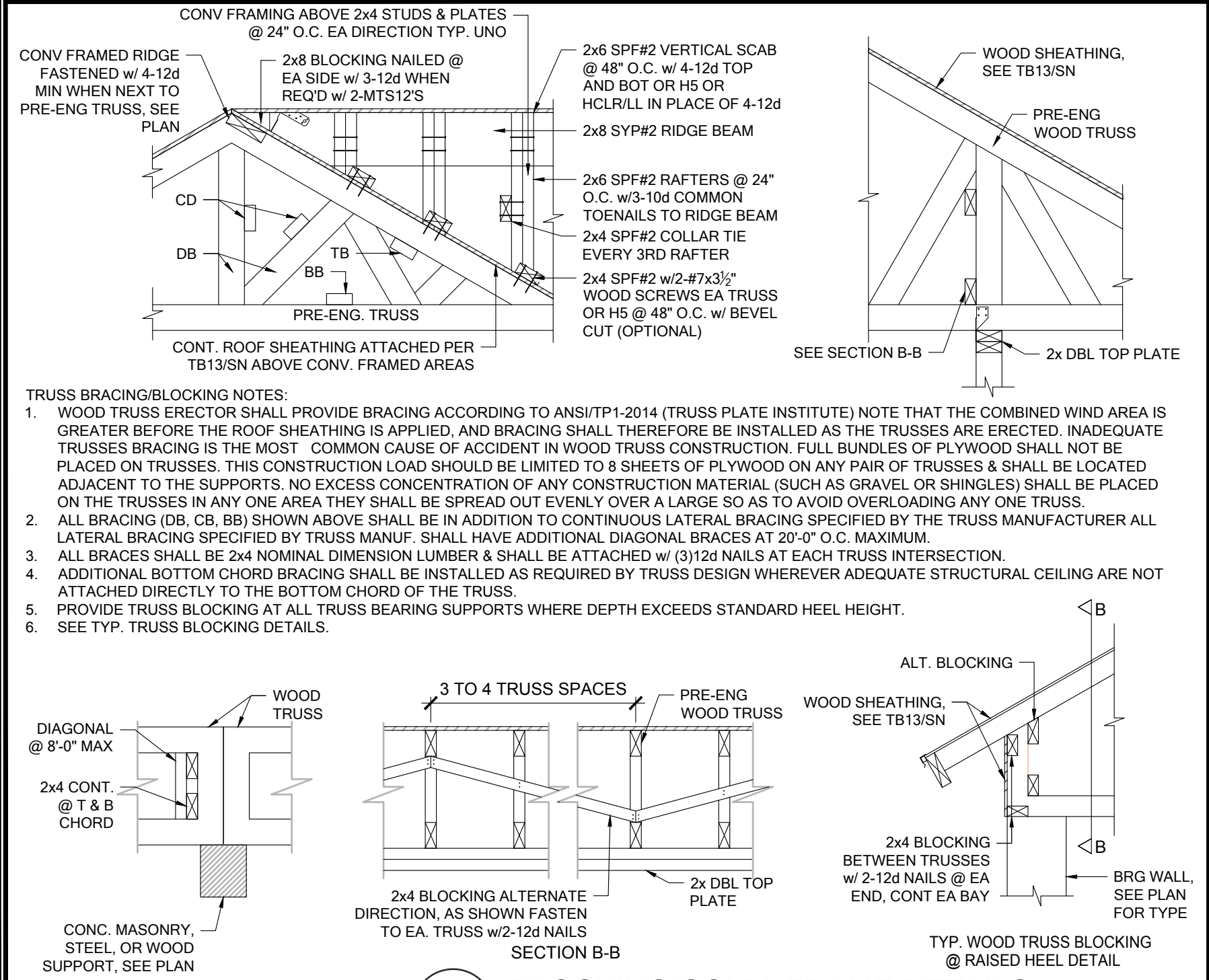
GE01 GABLE END BRACE
SCALE: 3/4" = 1'-0"



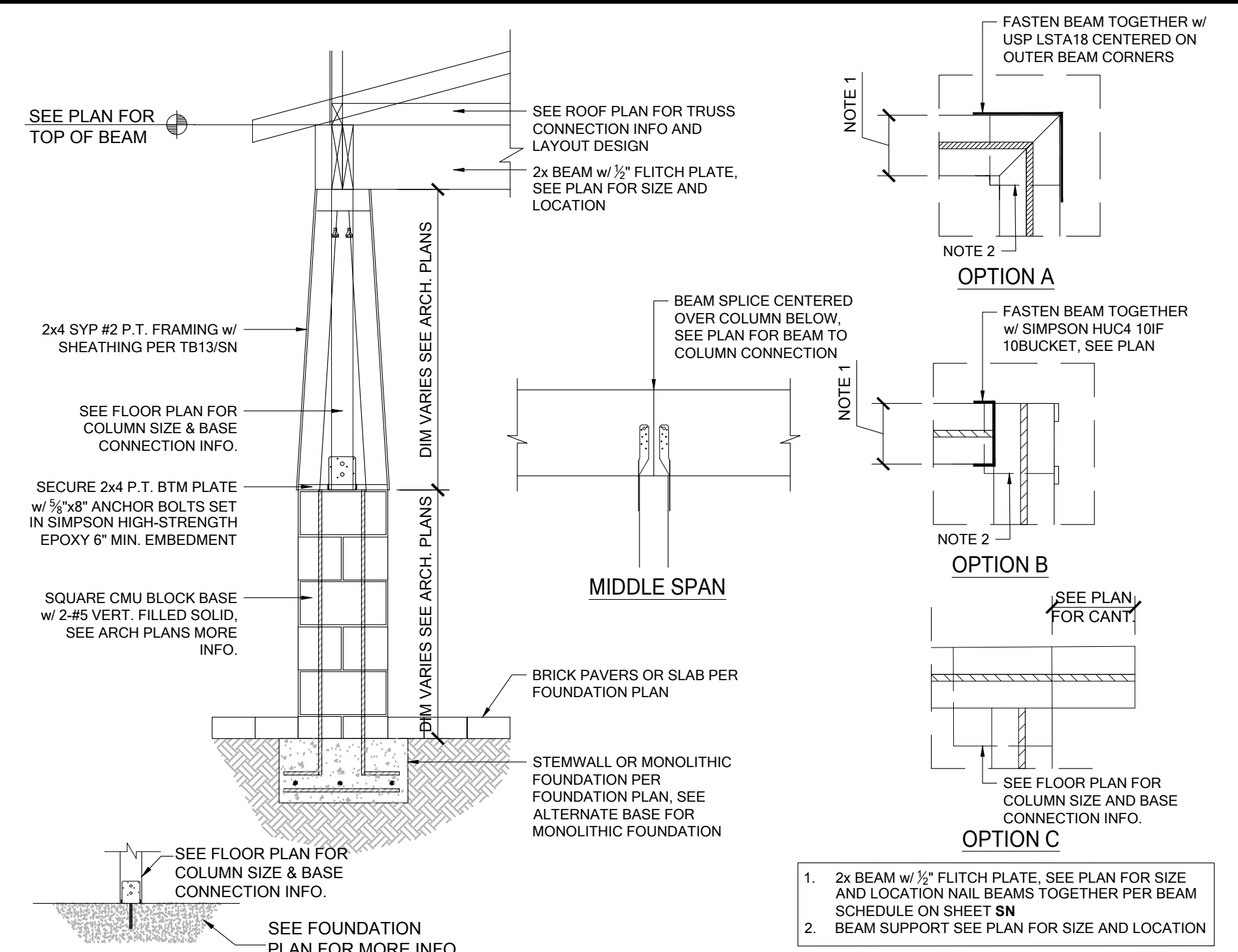
TB14 NON-BEARING EXTERIOR WALL
SCALE: 3/4" = 1'-0"



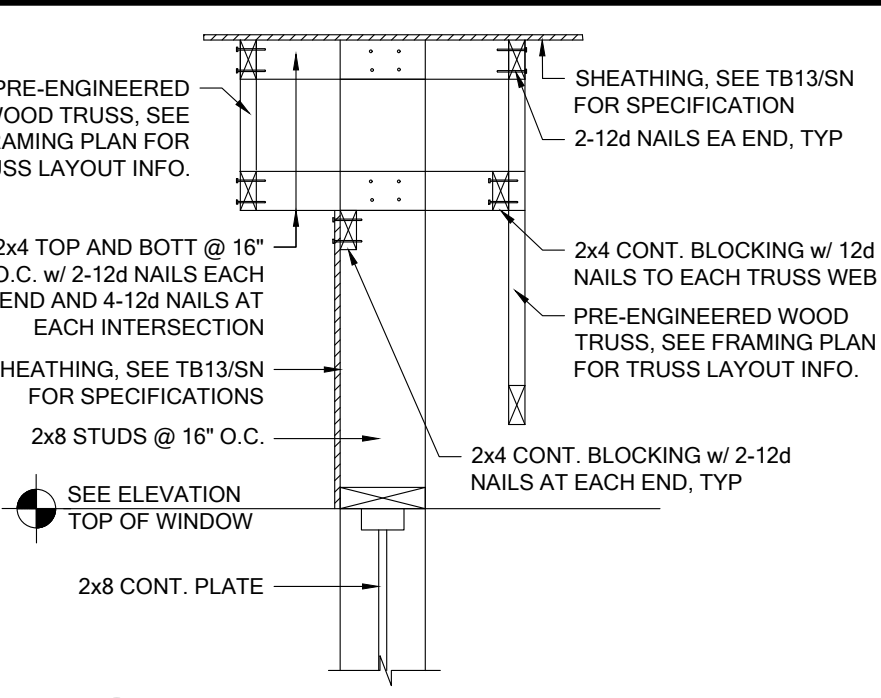
WS01 1-STORY WALL SECTION
SCALE: 3/4" = 1'-0"



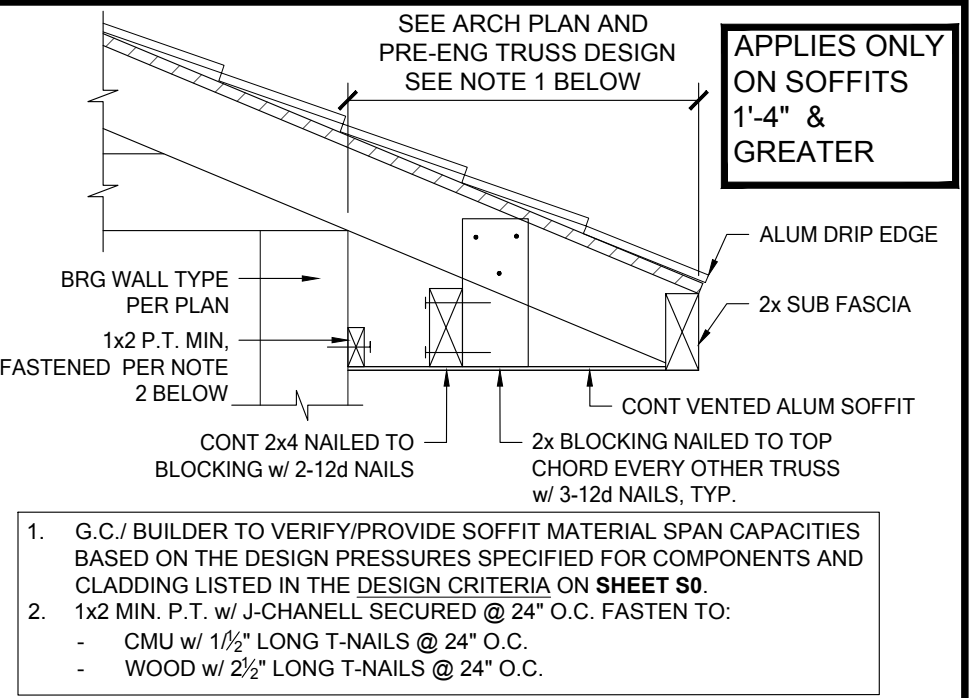
TB06 BLOCKING/CONV. FRAME DETAILS
SCALE: 1/2" = 1'-0"



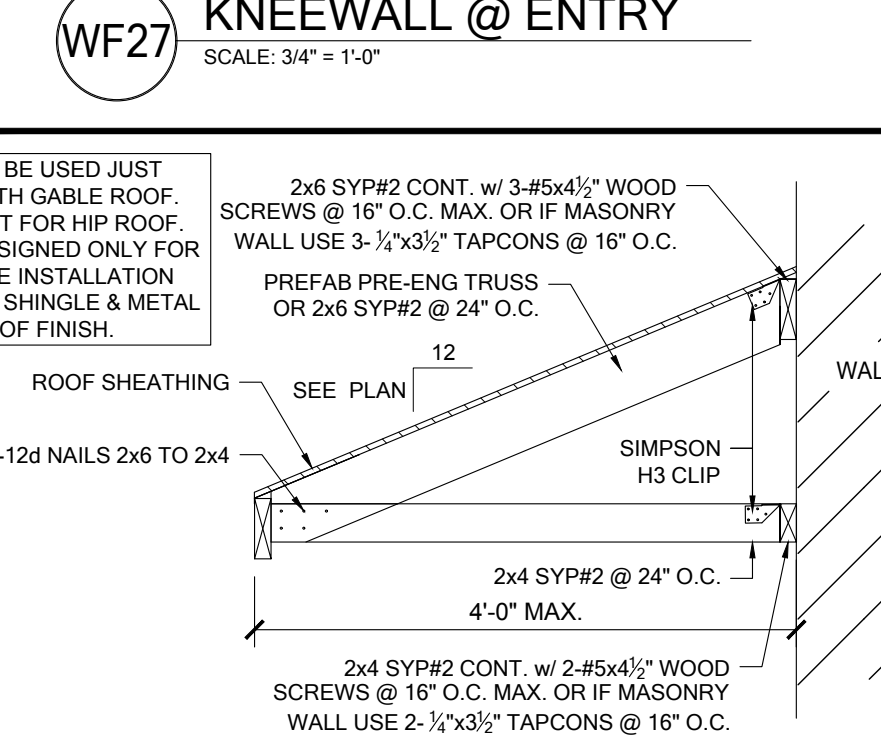
CD12 PORCH COLUMN FRAMING
SCALE: 3/4" = 1'-0"



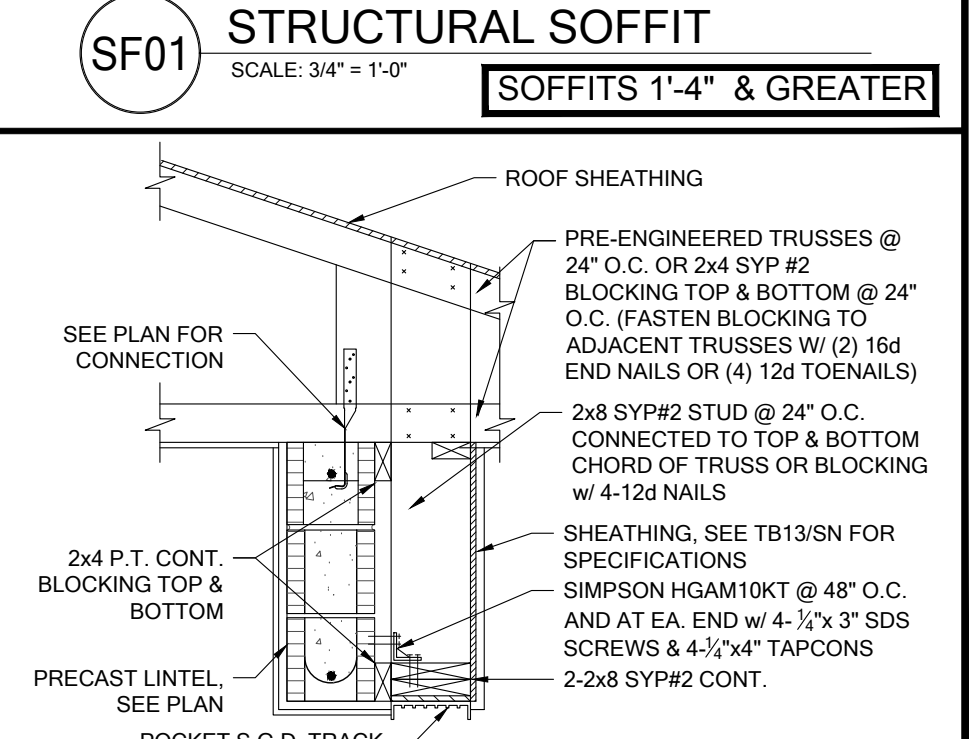
WF27 KNEEWALL @ ENTRY
SCALE: 3/4" = 1'-0"



SF01 STRUCTURAL SOFFIT
SCALE: 3/4" = 1'-0"



SR01 SHED ROOF CONNECTION
SCALE: 3/4" = 1'-0"



PS18 TYPICAL POCKET S.G.D. FRAMING
SCALE: 3/4" = 1'-0"

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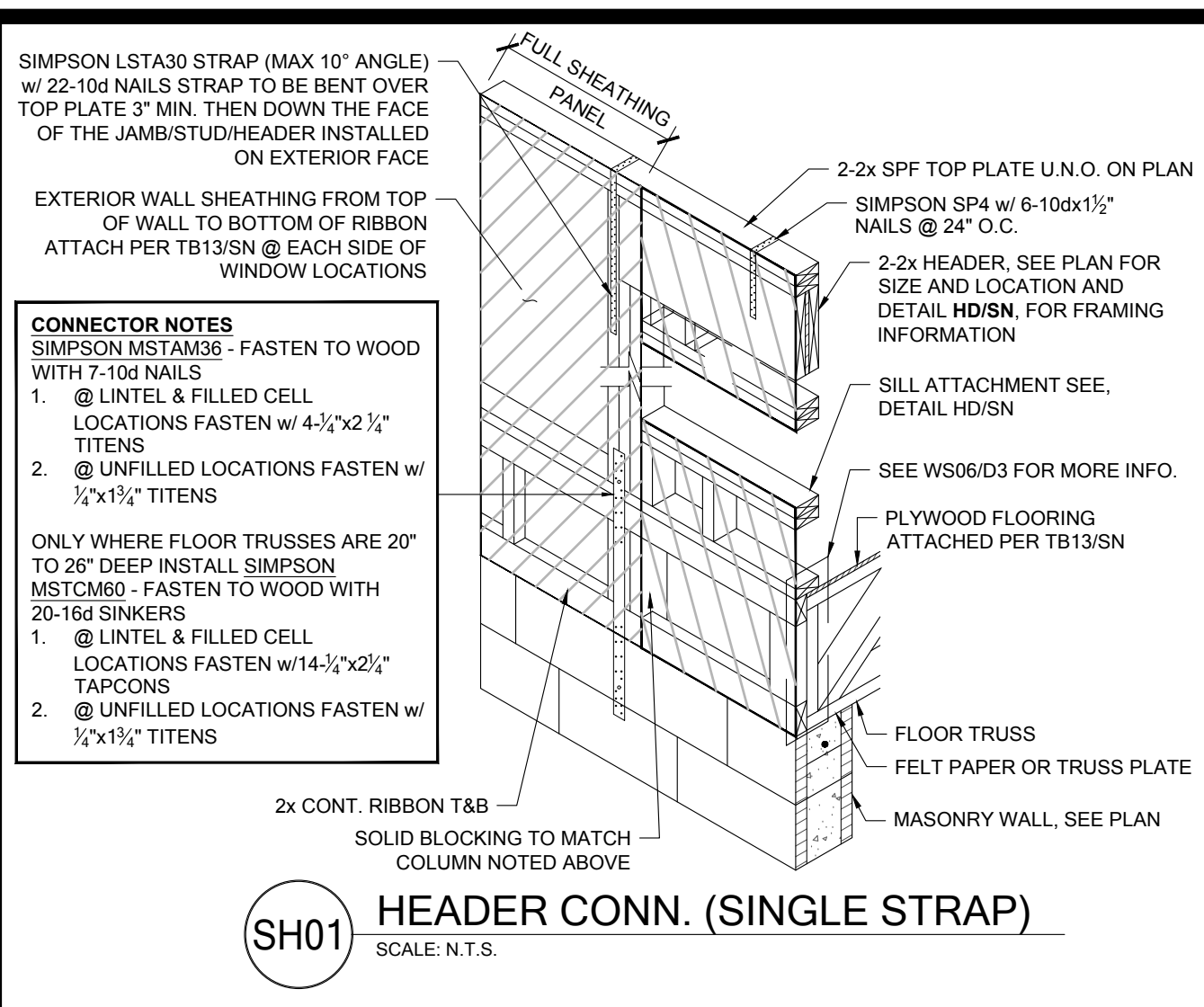
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SARA A. BROOKS, P.E., P.F.P. #9290
SOCIETY OF PROFESSIONAL ENGINEERS
DATE: January 26, 2023
FOR THE STRUCTURAL PORTION OF THE DRAWING

**PARK SQUARE
HORIZONS WEST
6-UNIT - ADAMS END UNITS**

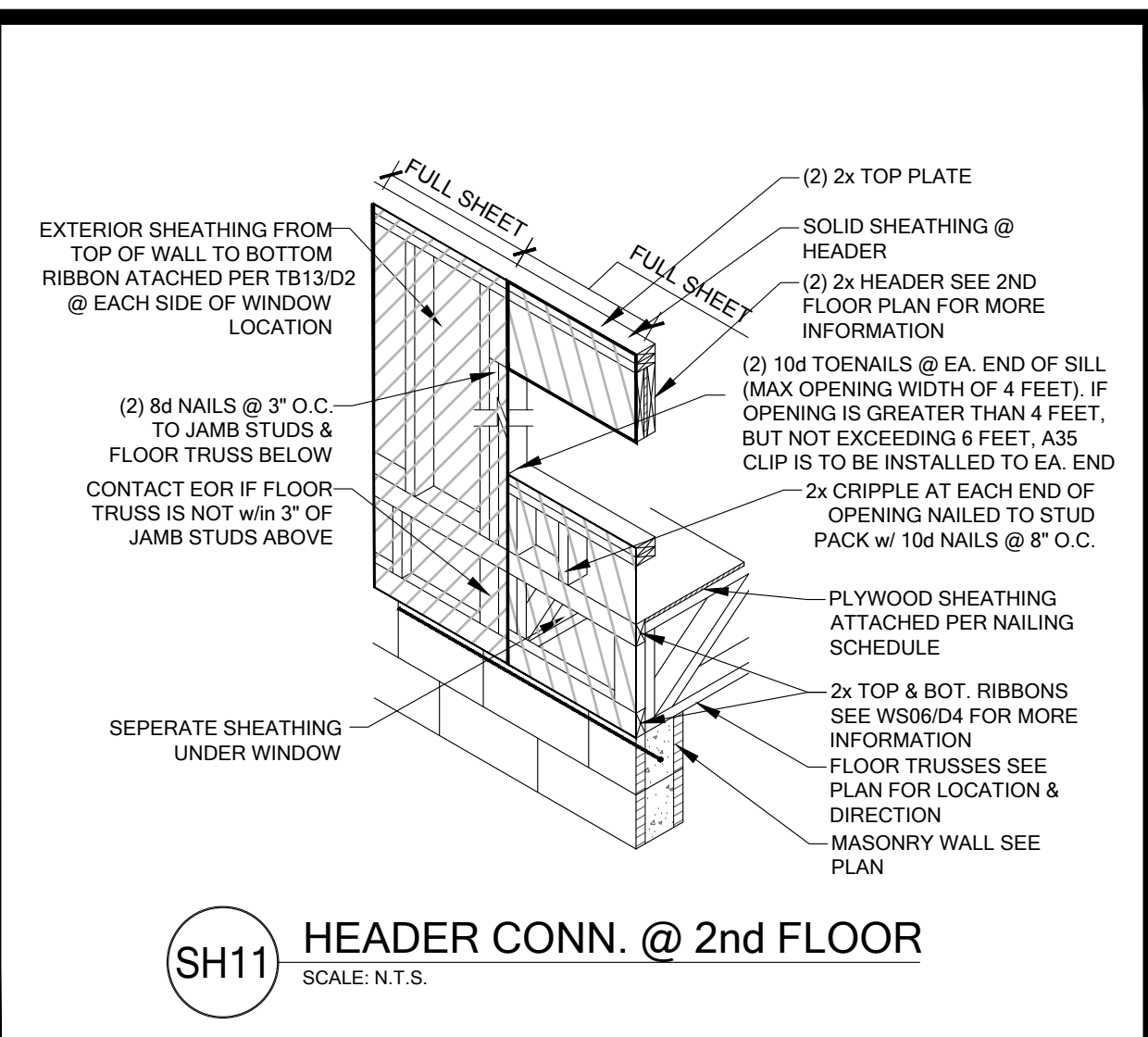
project no. 2022144
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drawn:
date: 05-19-22
scale:

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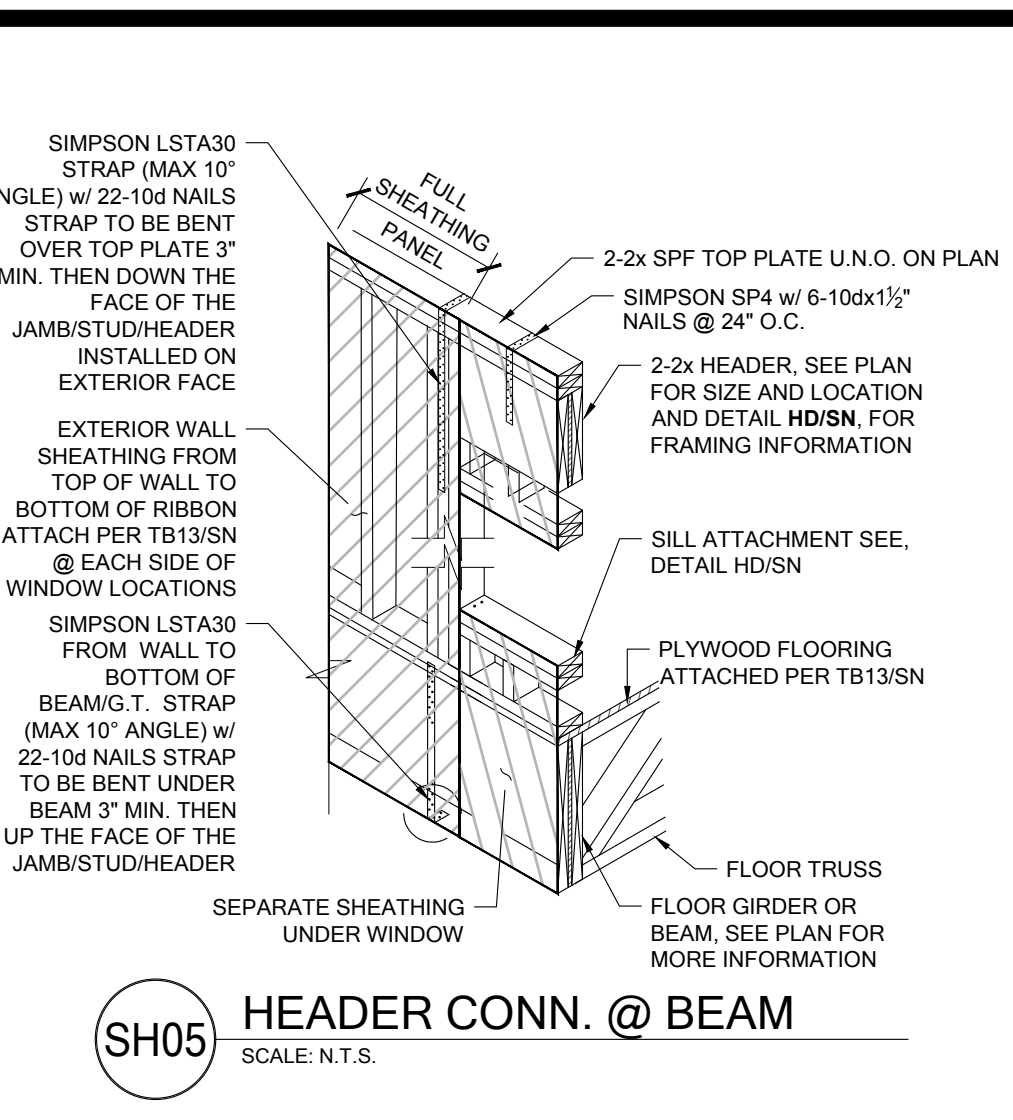
NOTE: DRAWINGS ON 11"x17" SHEET WILL BE ONE HALF THE SCALE NOTED



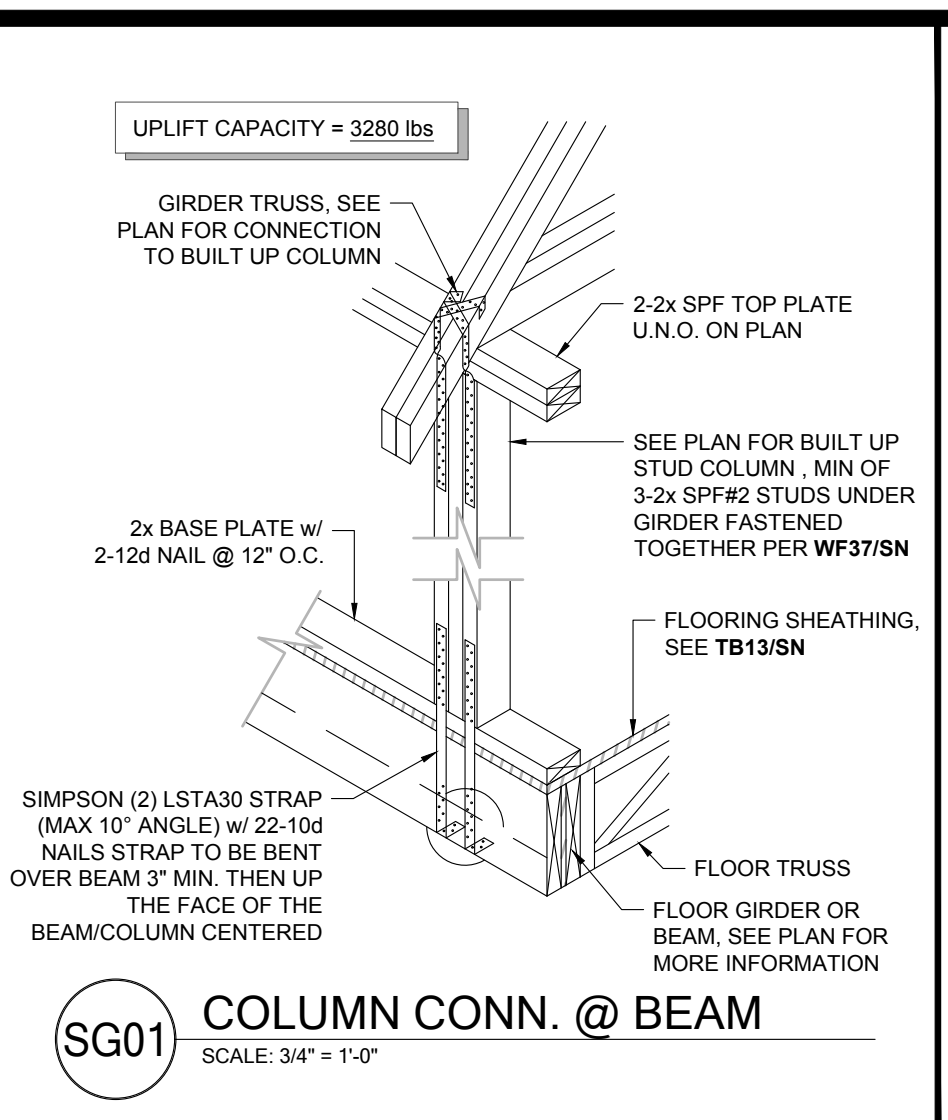
SH01 HEADER CONN. (SINGLE STRAP)
SCALE: N.T.S.



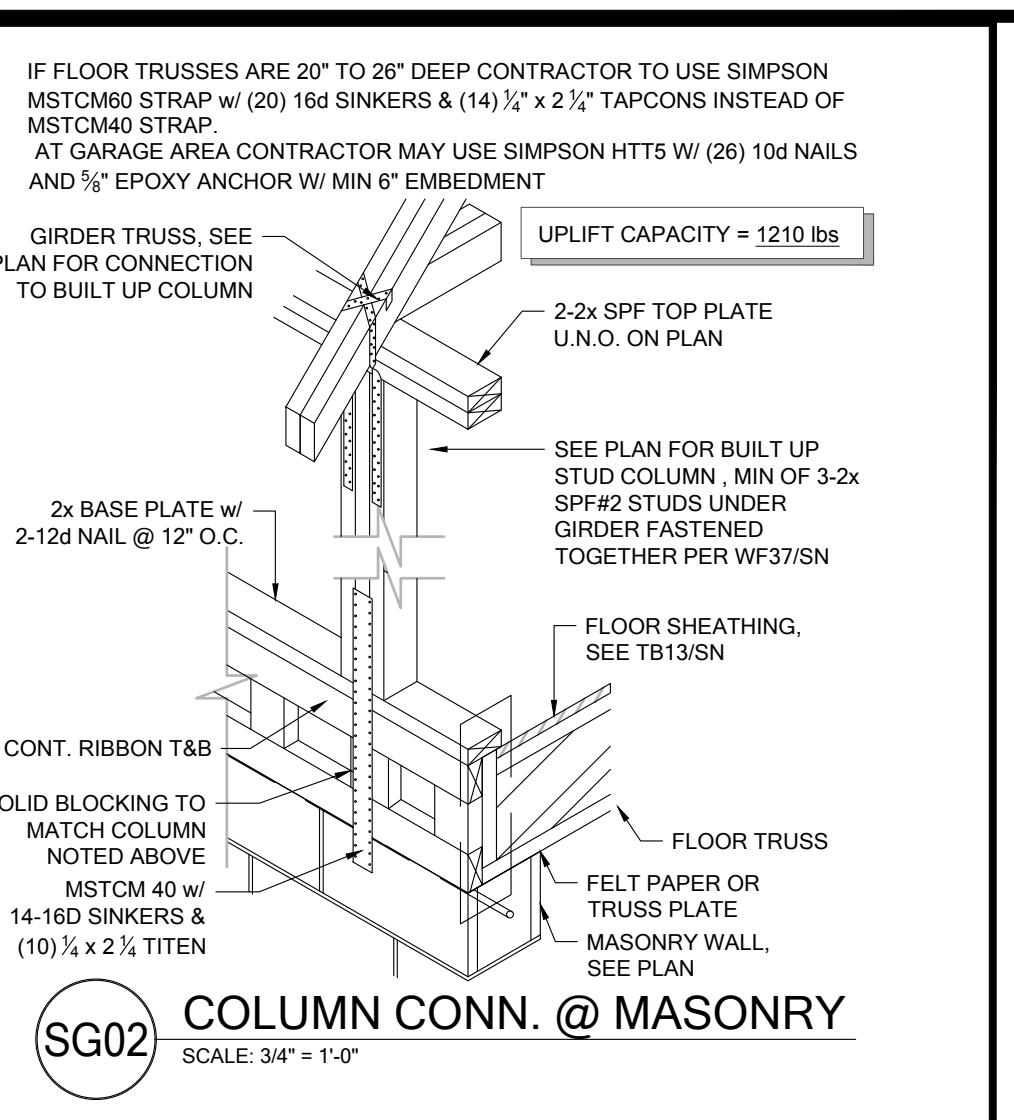
SH11 HEADER CONN. @ 2nd FLOOR
SCALE: N.T.S.



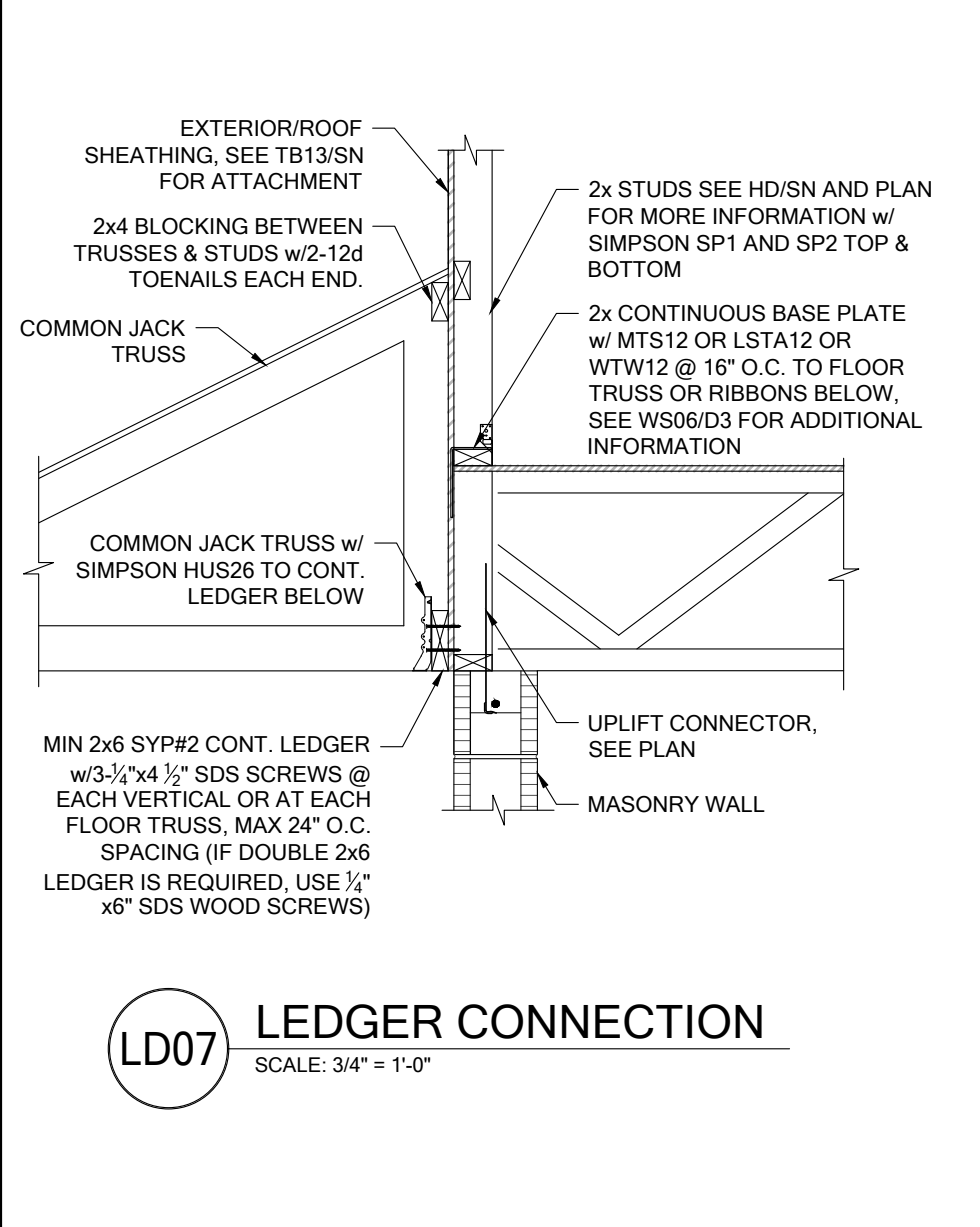
SH05 HEADER CONN. @ BEAM
SCALE: N.T.S.



SG01 COLUMN CONN. @ BEAM
SCALE: 3/4\"/>



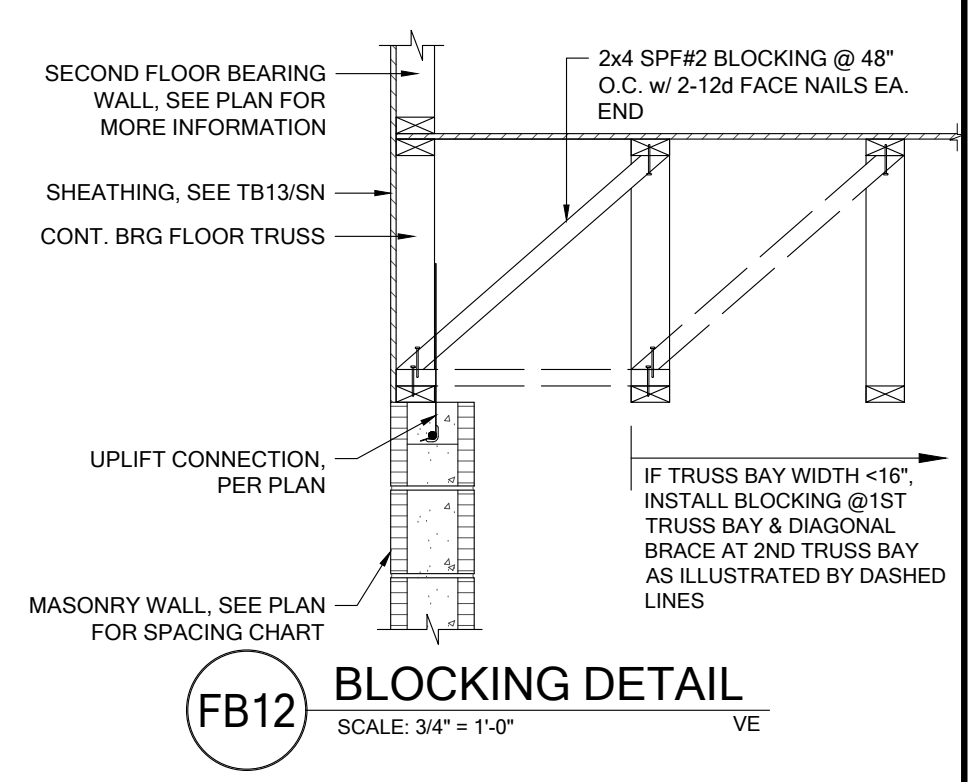
SG02 COLUMN CONN. @ MASONRY
SCALE: 3/4\"/>



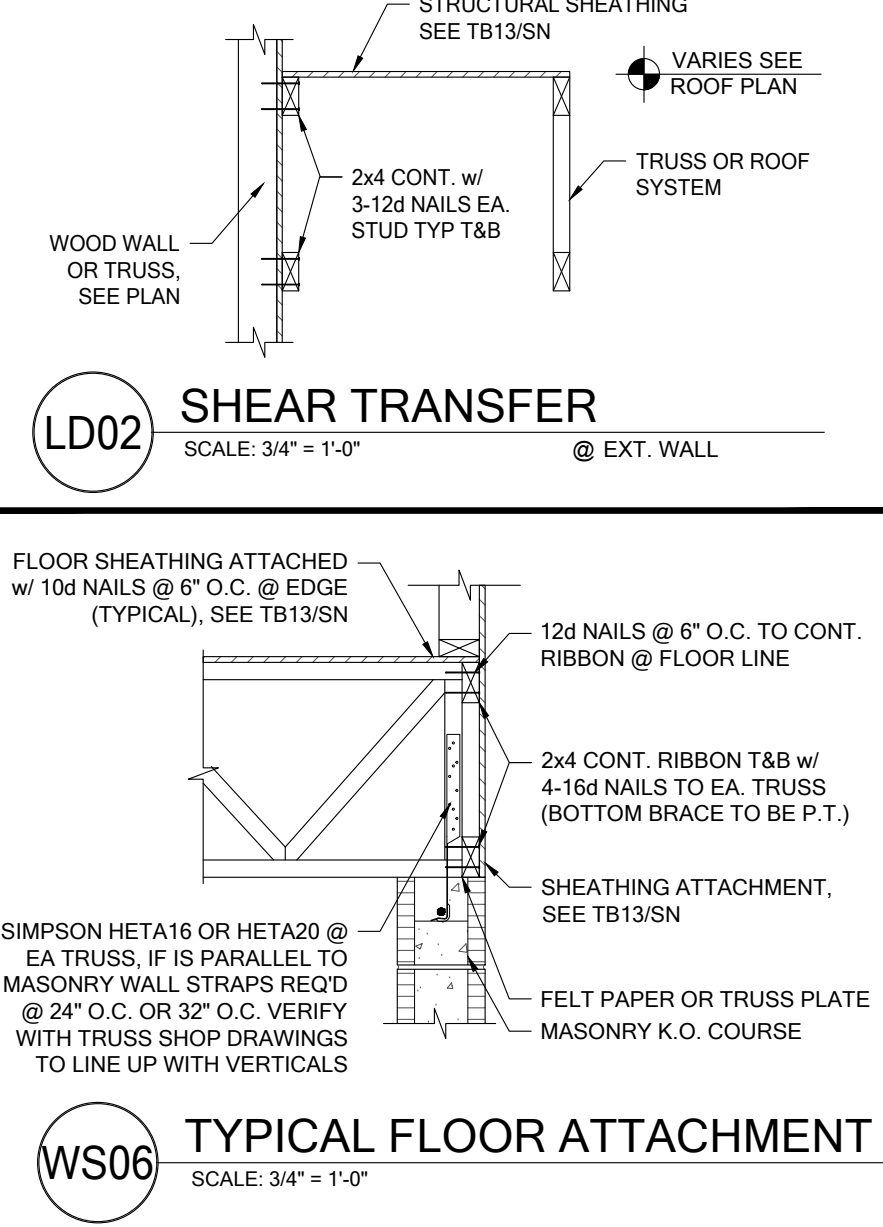
LD07 LEDGER CONNECTION
SCALE: 3/4\"/>



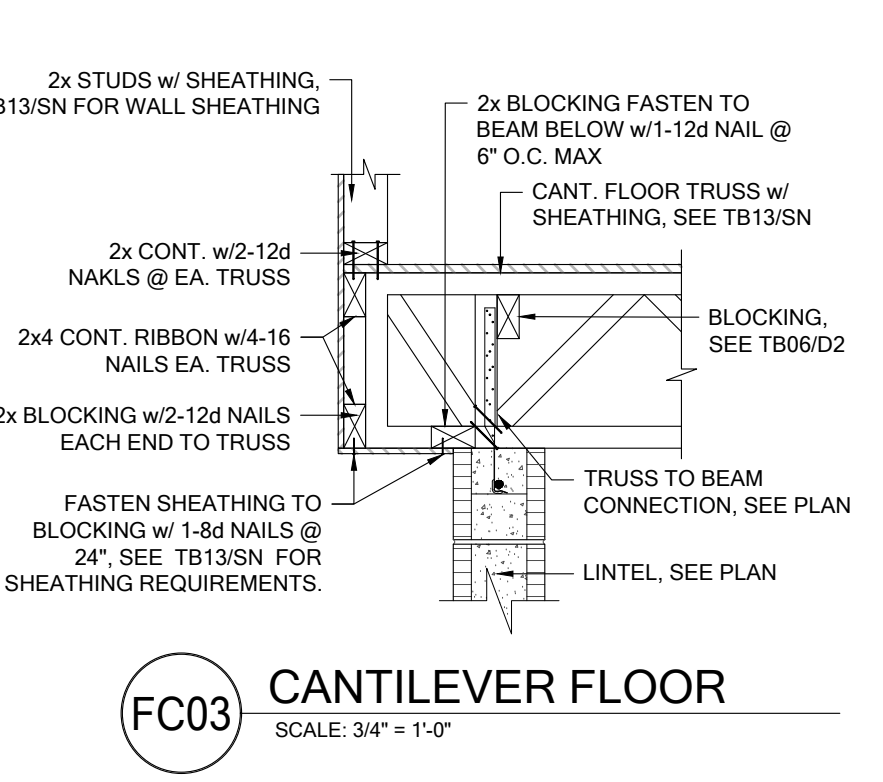
WF31 TYPICAL WALL SECTION
SCALE: 3/4\"/>



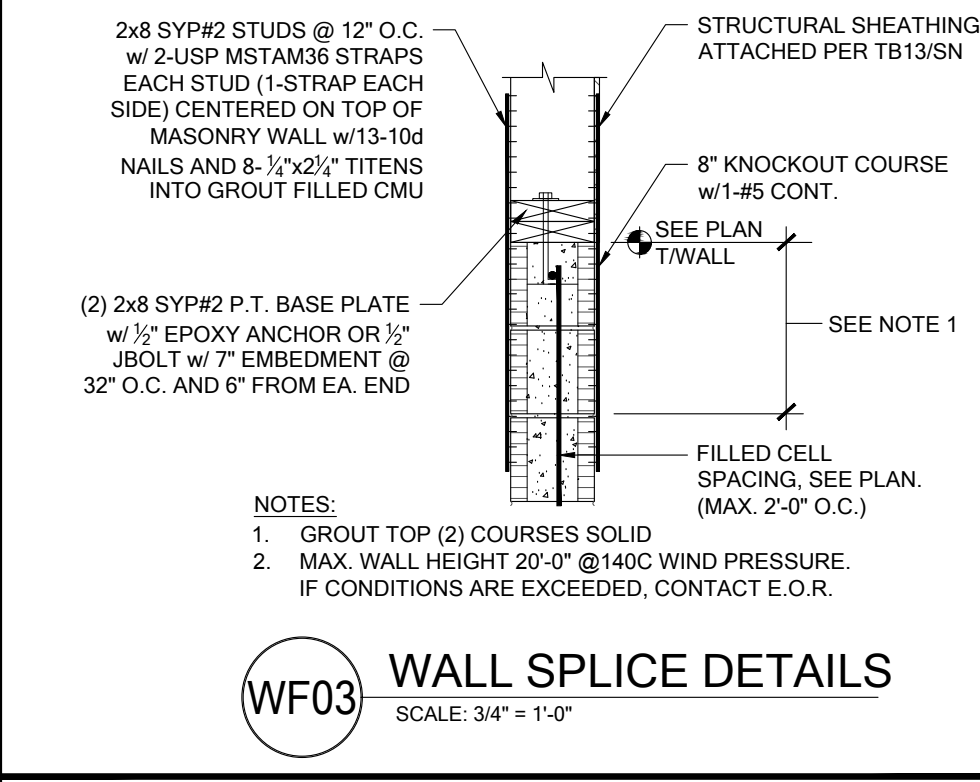
FB12 BLOCKING DETAIL
SCALE: 3/4\"/>



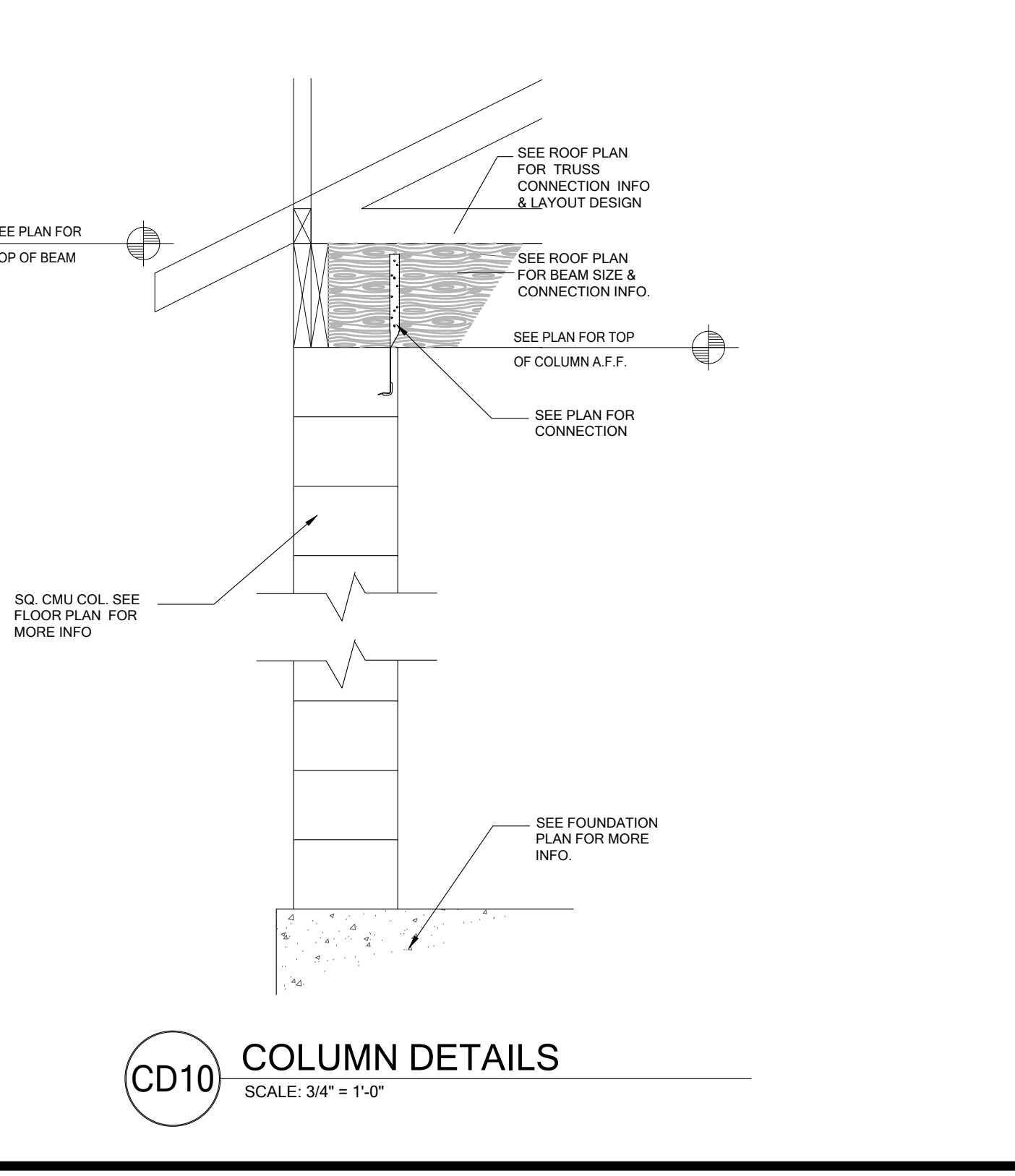
WS06 TYPICAL FLOOR ATTACHMENT
SCALE: 3/4\"/>



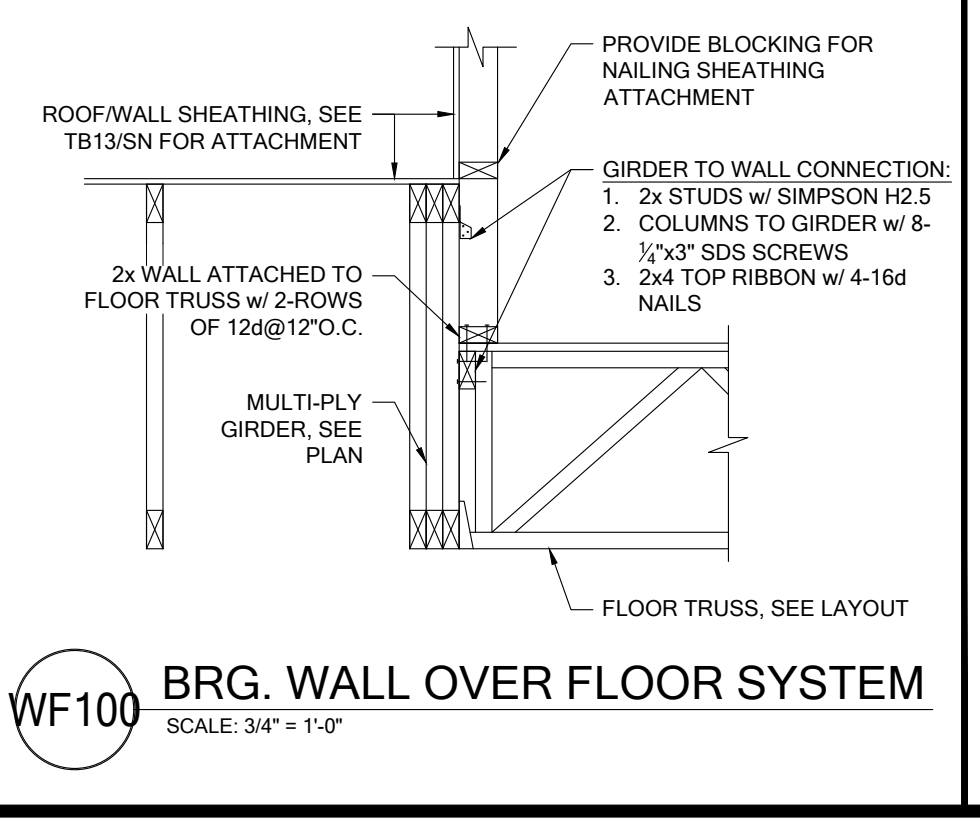
FC03 CANTILEVER FLOOR
SCALE: 3/4\"/>



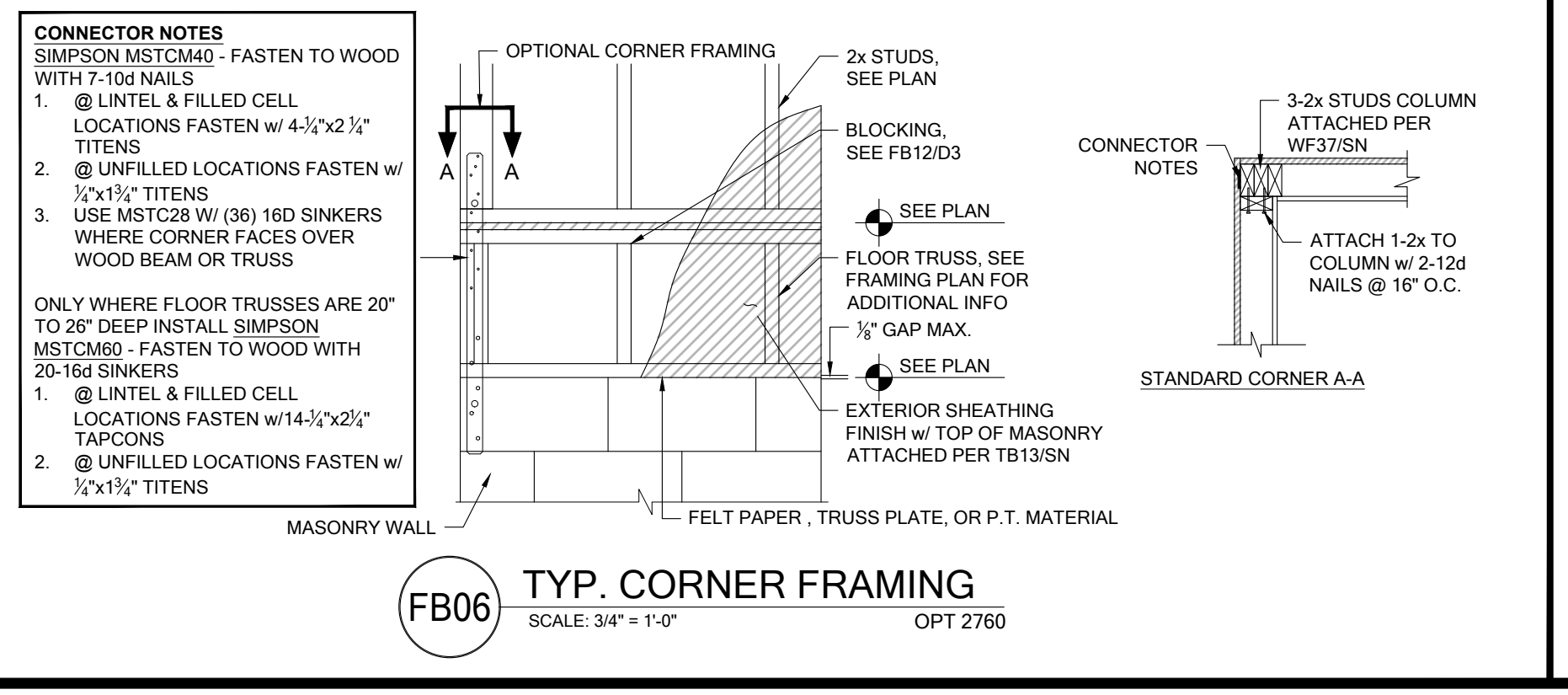
WF03 WALL SPLICE DETAILS
SCALE: 3/4\"/>



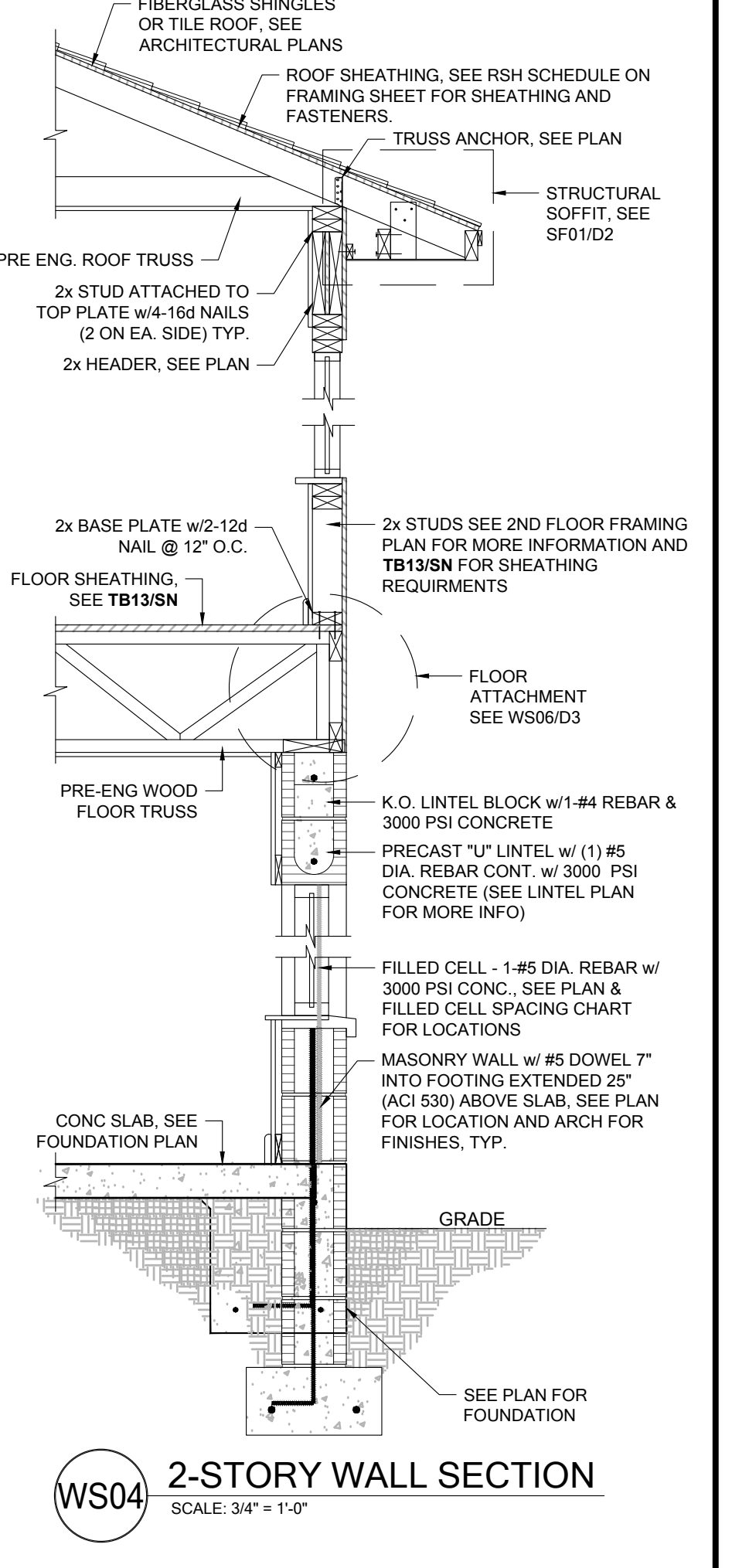
CD10 COLUMN DETAILS
SCALE: 3/4\"/>



WF100 BRG. WALL OVER FLOOR SYSTEM
SCALE: 3/4\"/>



FB06 TYP. CORNER FRAMING
SCALE: 3/4\"/>



WS04 2-STORY WALL SECTION
SCALE: 3/4\"/>

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DATE: January 26, 2023
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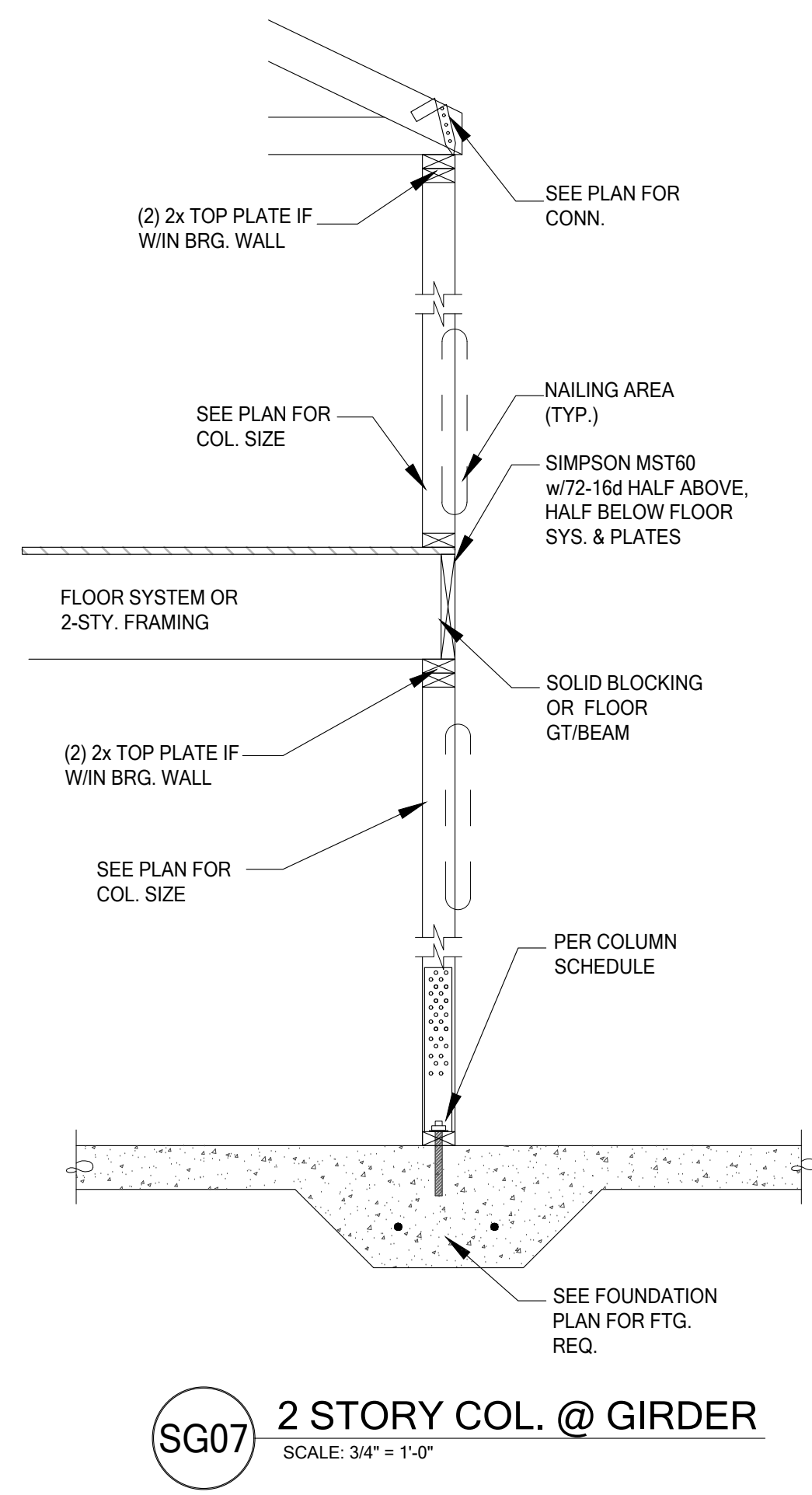
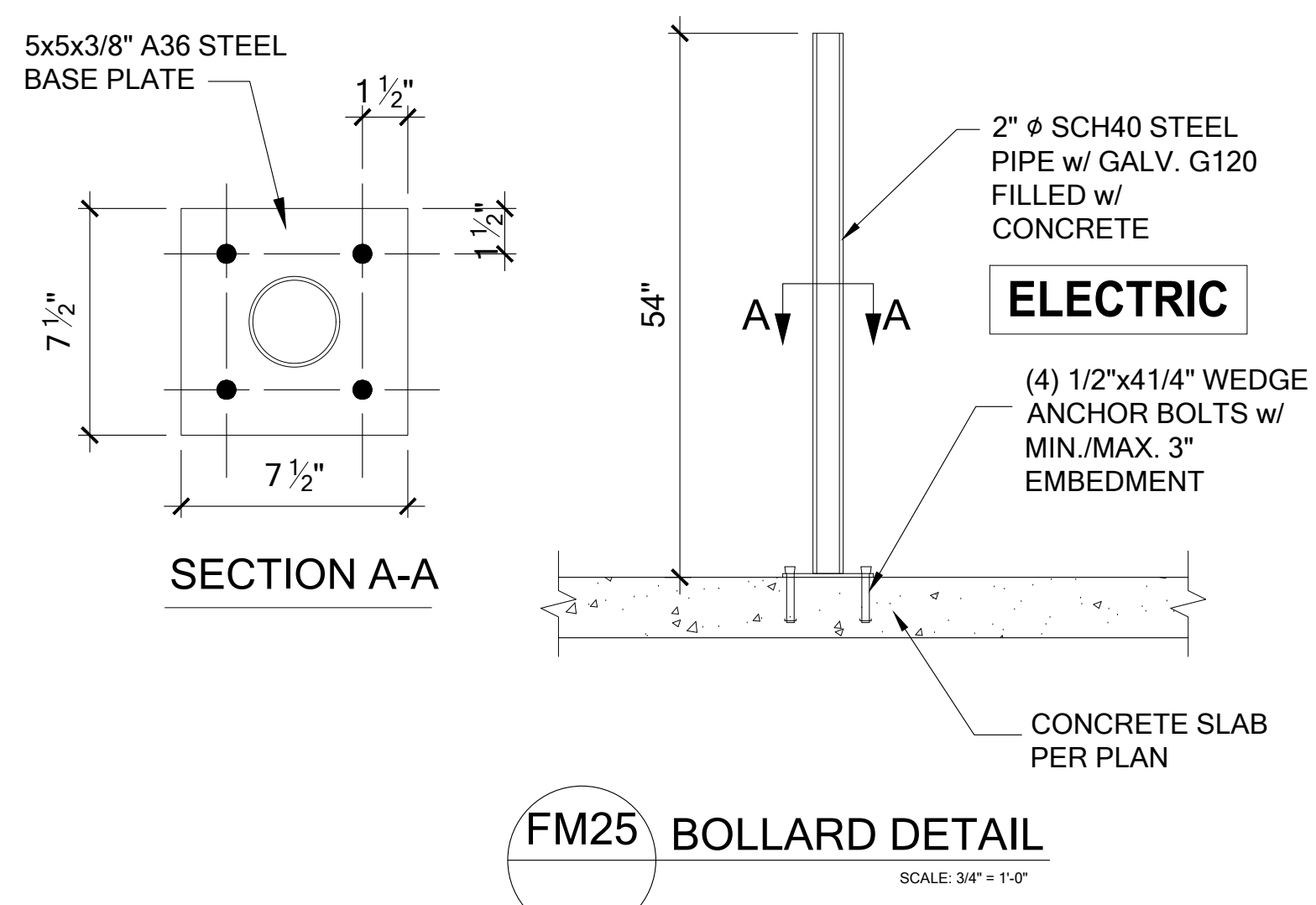
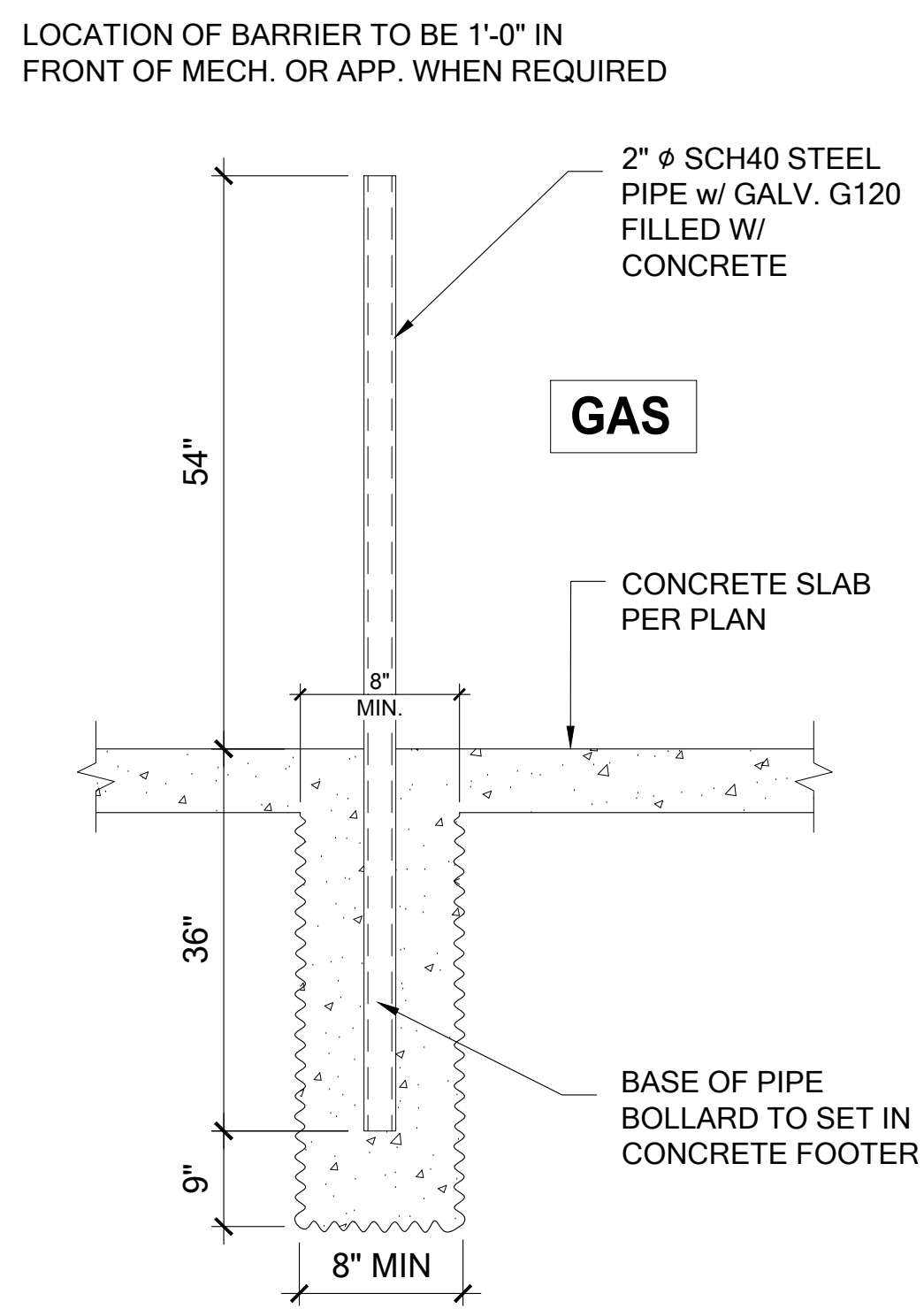
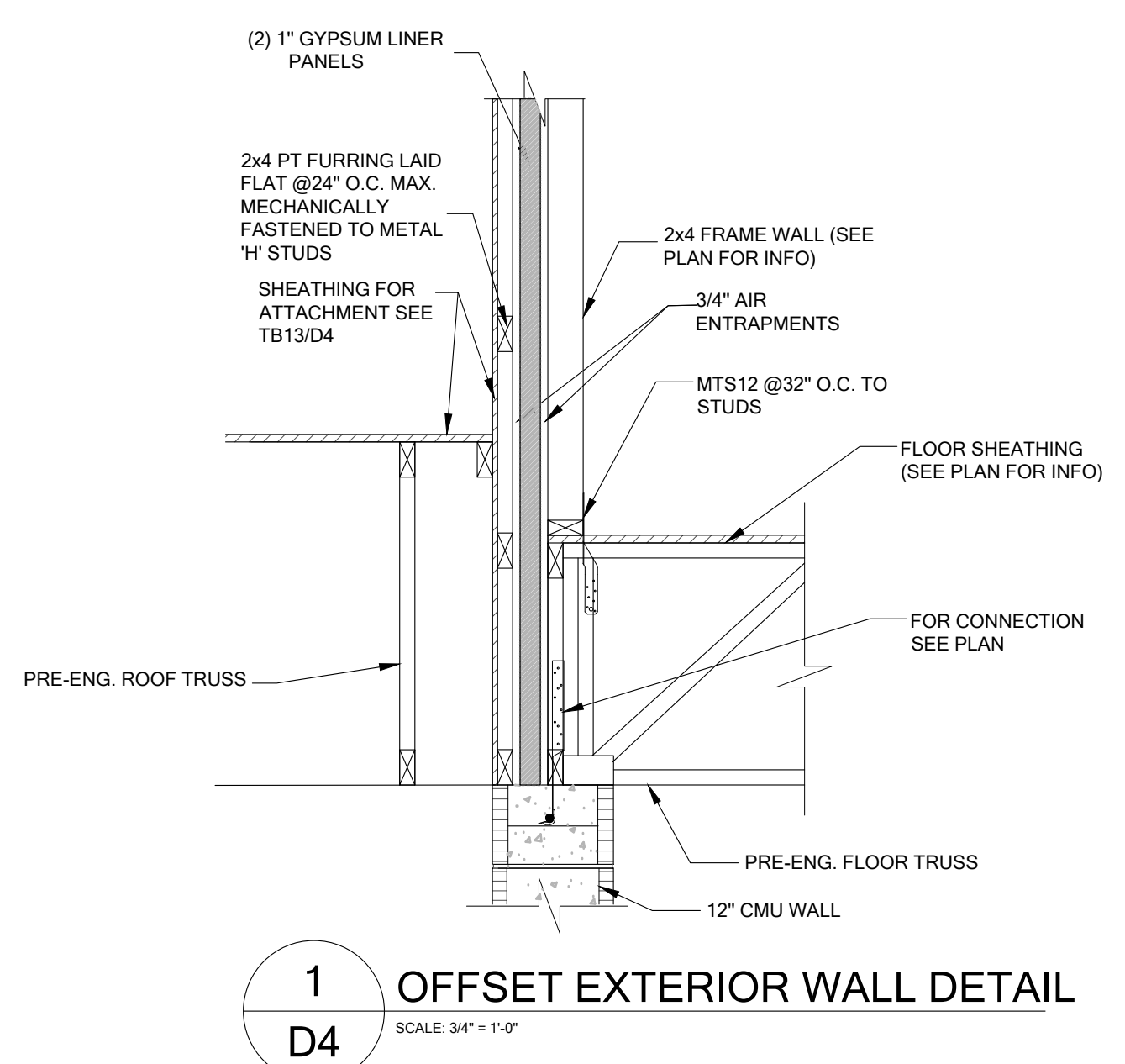
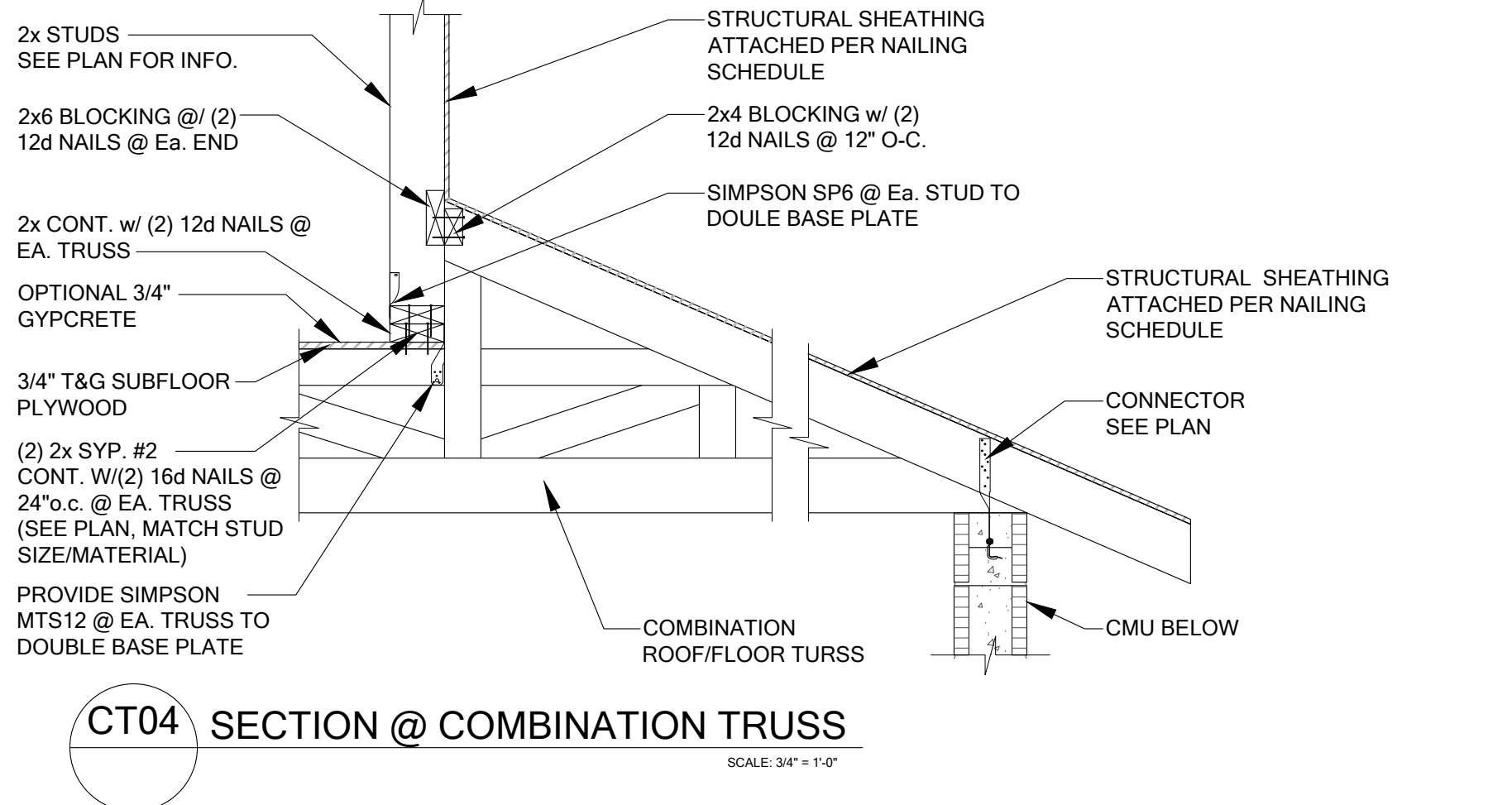
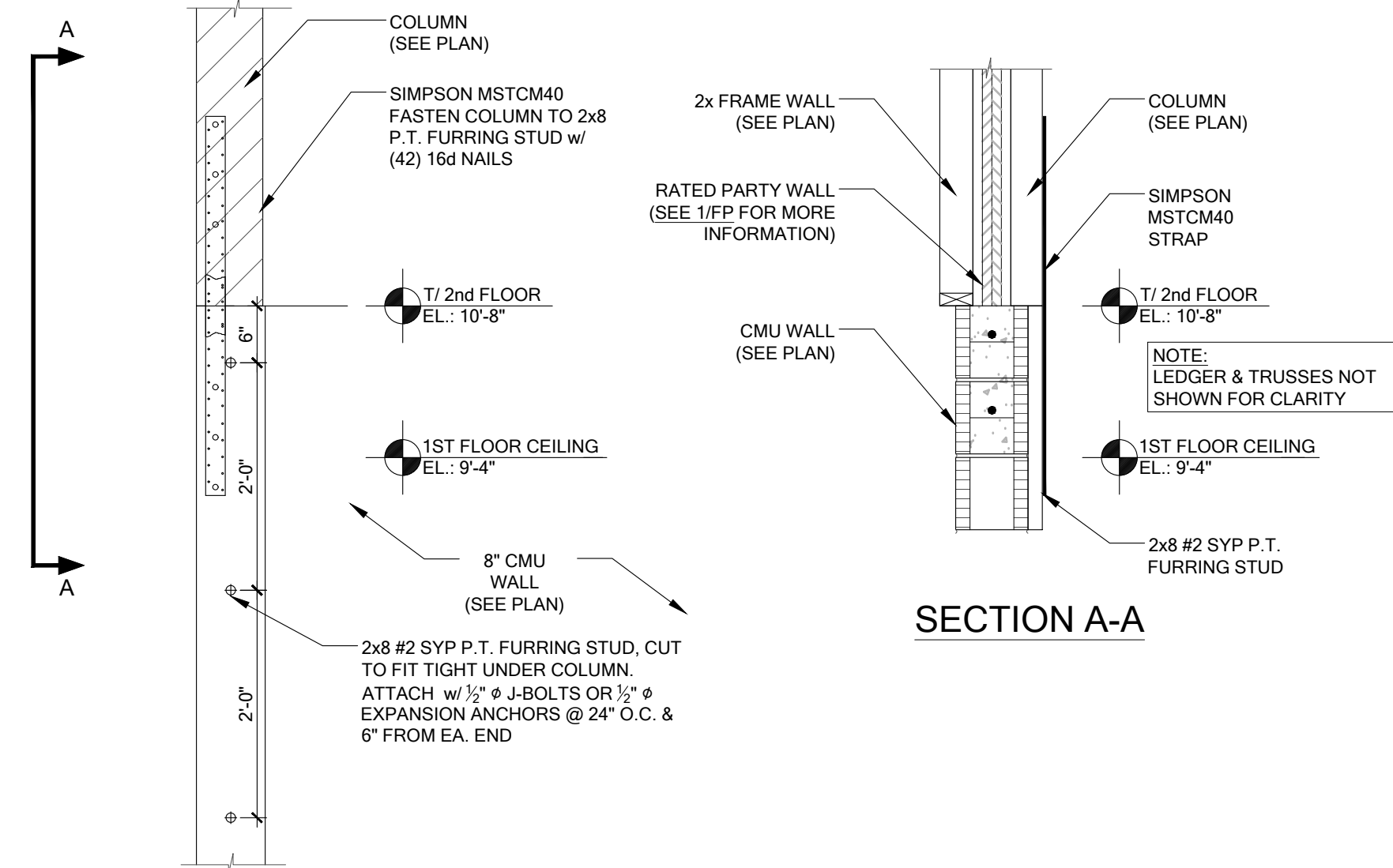
**PARK SQUARE
HORIZONS WEST
6-UNIT - ADAMS END UNITS**

title: _____

project no. 2022144
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drawn: _____
date: 05-19-22
scale: _____

D3

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FM25 BOLLARD DETAIL
SCALE: 3/4" = 1'-0"

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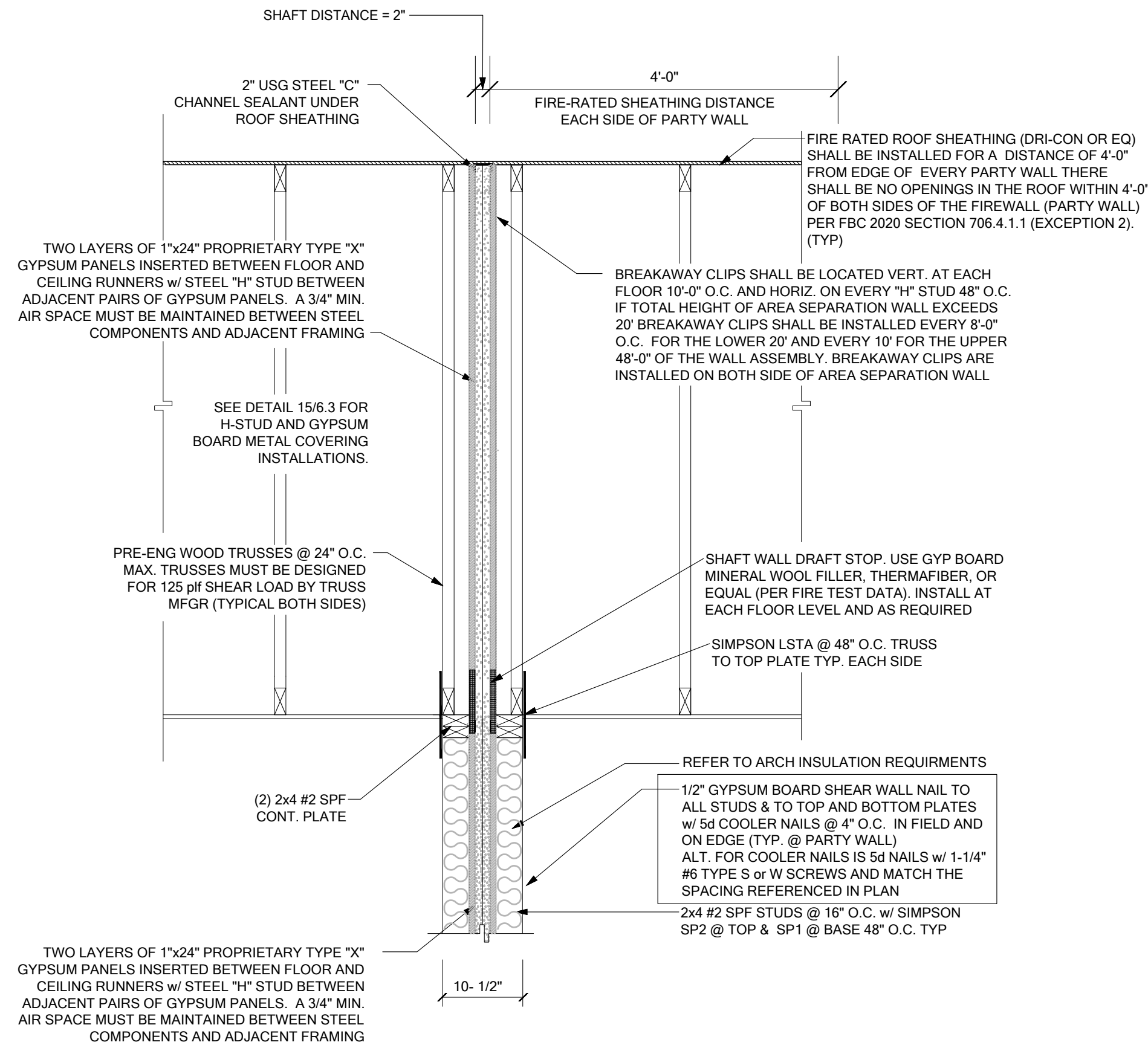
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SOCIETY OF ARCHITECTS
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**PARK SQUARE
HORIZONS WEST
6-UNIT - ADAMS END UNITS**

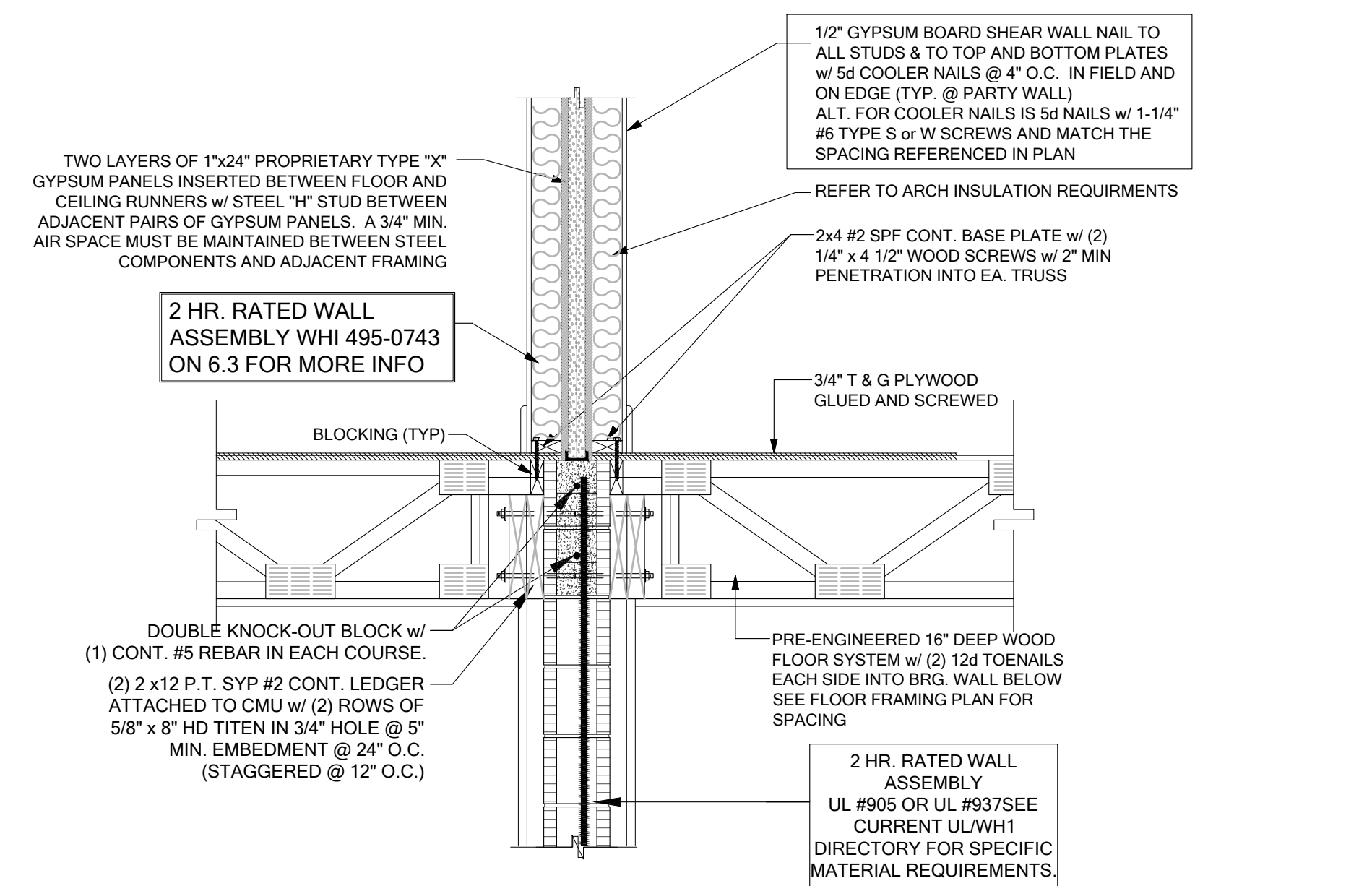
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drawn:
date: 05-19-22
scale:

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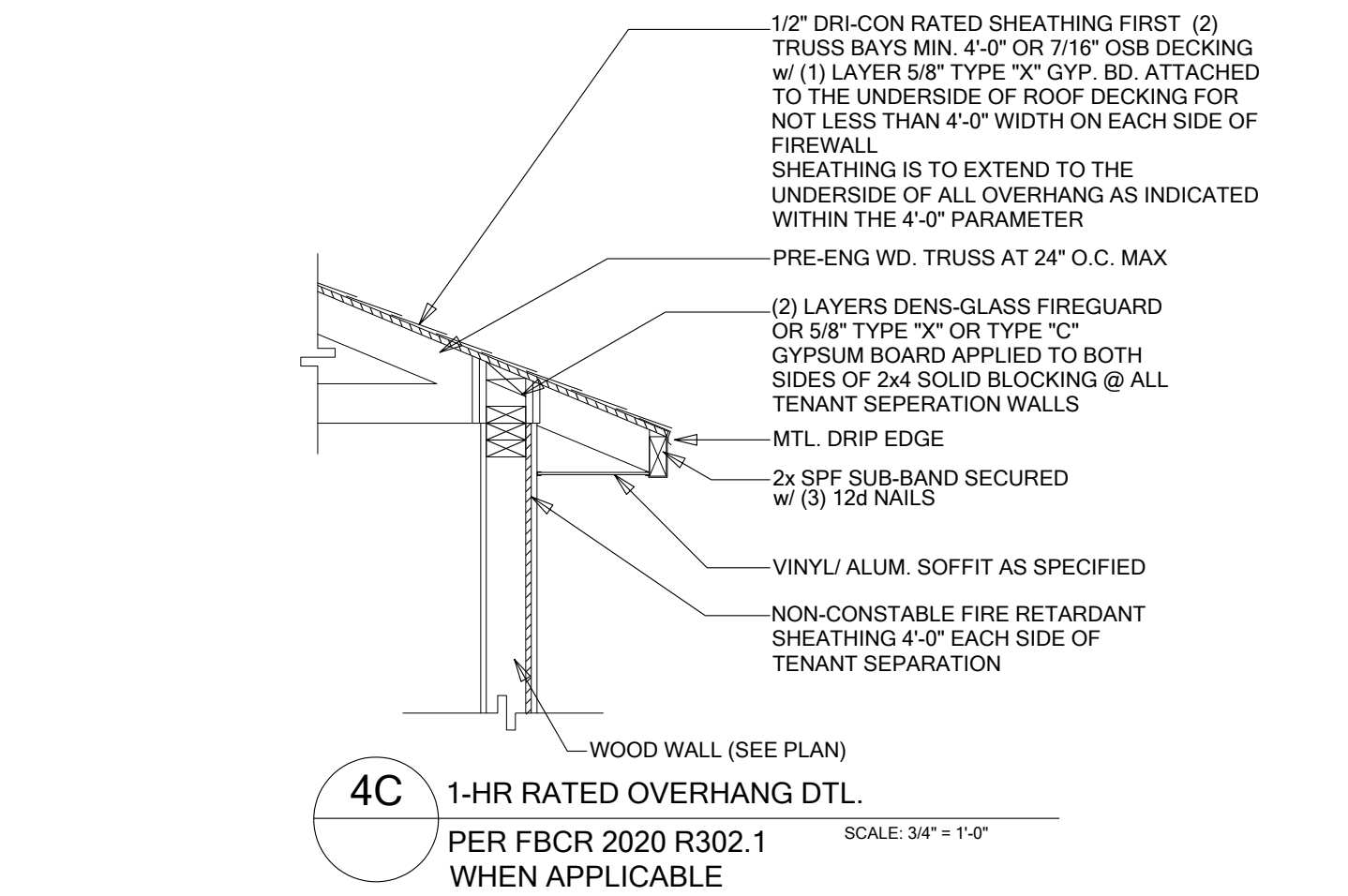
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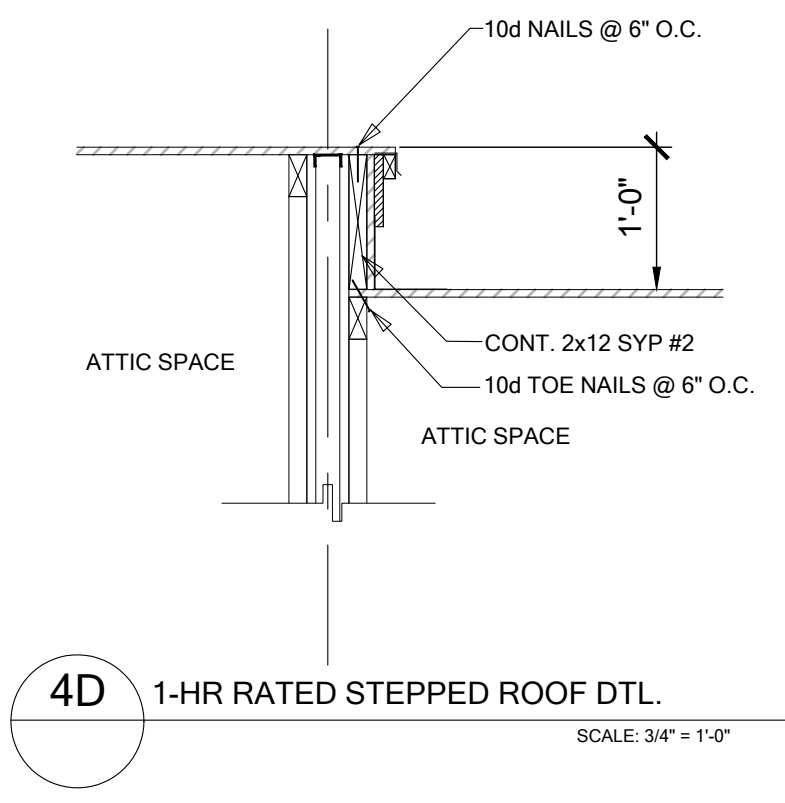
4 TYPICAL 2 STORY 2-HR. RATED PARTY WALL AT ROOF SYSTEM
SCALE: 3/4" = 1'-0"



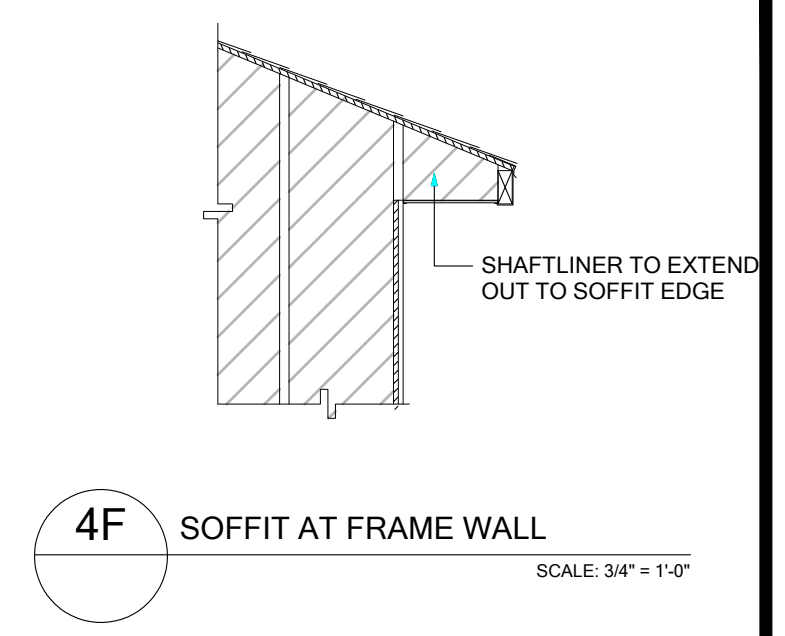
3 TYPICAL 2 STORY 2-HR. RATED PARTY WALL AT FLOOR SYSTEM
SCALE: 1" = 1'-0"



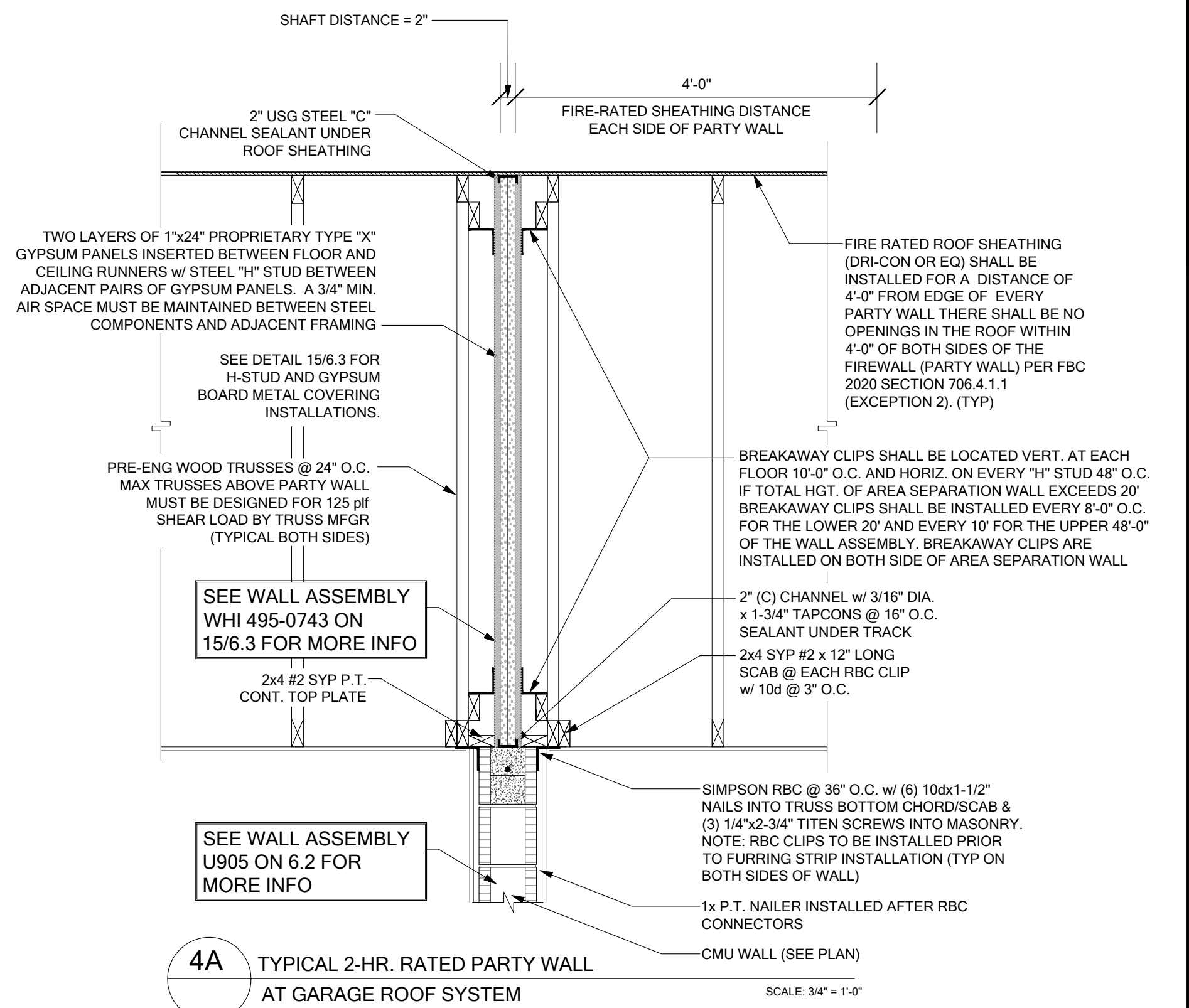
4C 1-HR RATED OVERHANG DTL.
PER FBCR 2020 R302.1 WHEN APPLICABLE
SCALE: 3/4" = 1'-0"



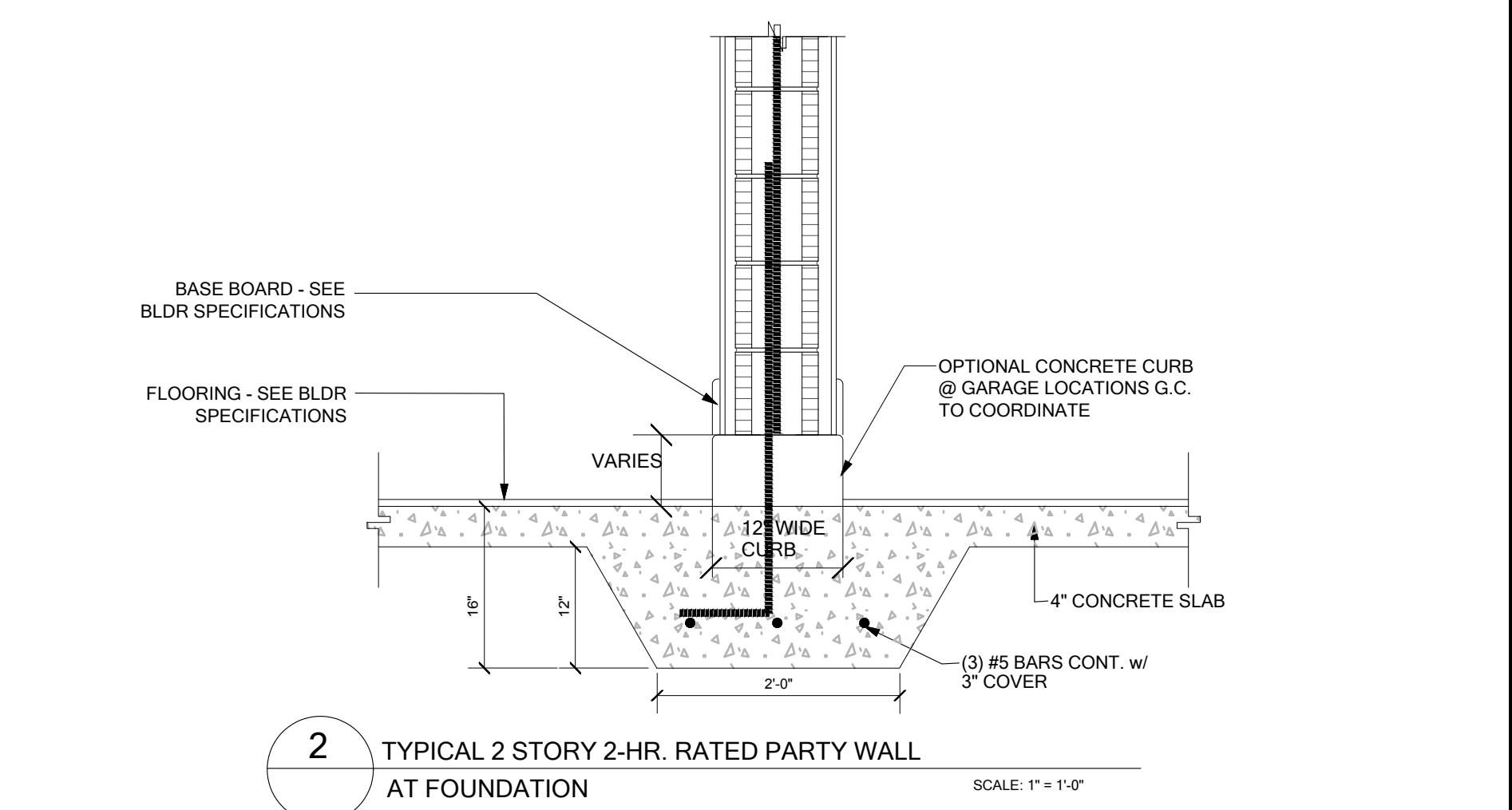
4D 1-HR RATED STEPPED ROOF DTL.
SCALE: 3/4" = 1'-0"



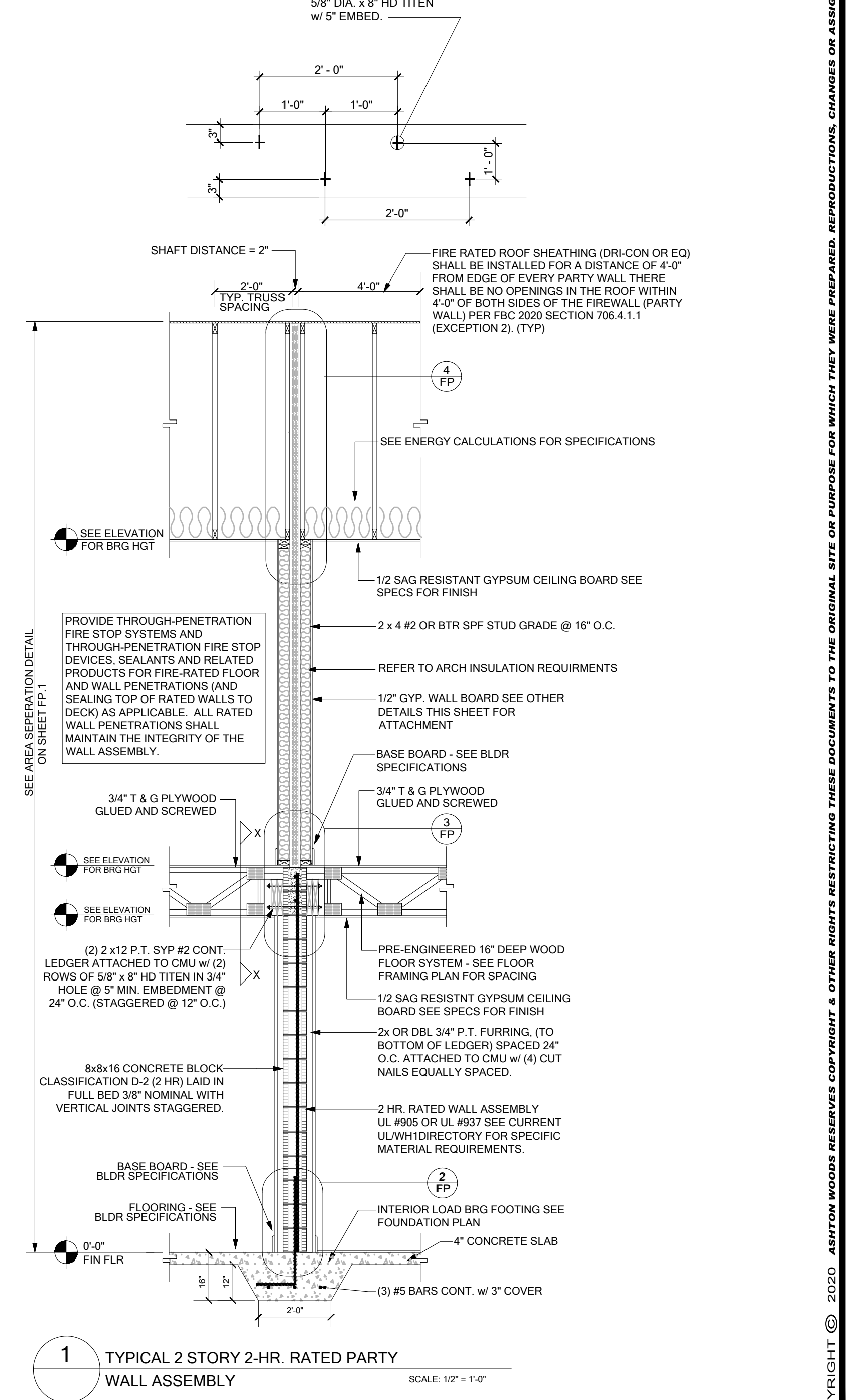
4F SOFFIT AT FRAME WALL
SCALE: 3/4" = 1'-0"



4A TYPICAL 2-HR. RATED PARTY WALL AT GARAGE ROOF SYSTEM
SCALE: 3/4" = 1'-0"



2 TYPICAL 2 STORY 2-HR. RATED PARTY WALL AT FOUNDATION
SCALE: 1" = 1'-0"



1 TYPICAL 2 STORY 2-HR. RATED PARTY WALL ASSEMBLY
SCALE: 1/2" = 1'-0"

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**PARK SQUARE
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6-UNIT - ADAMS END UNITS**

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