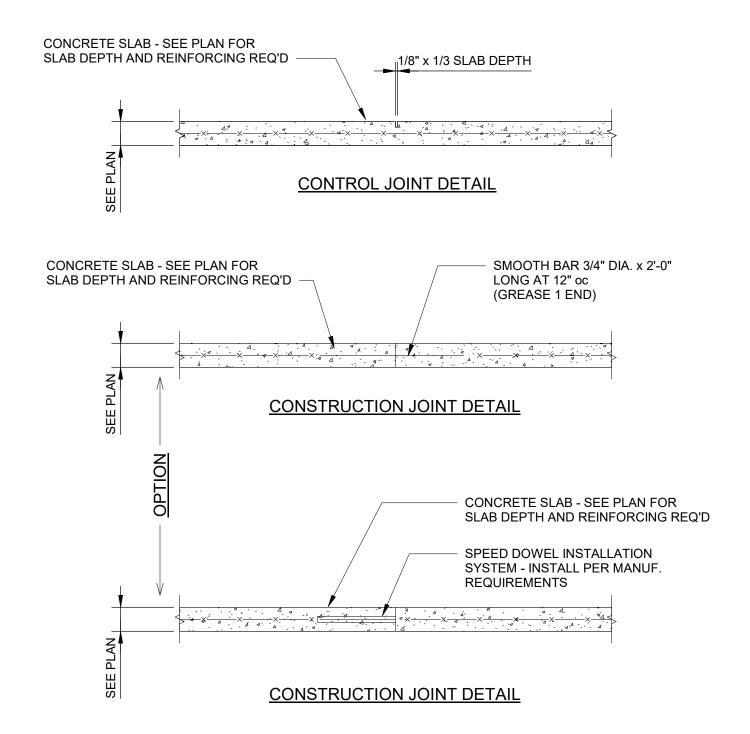
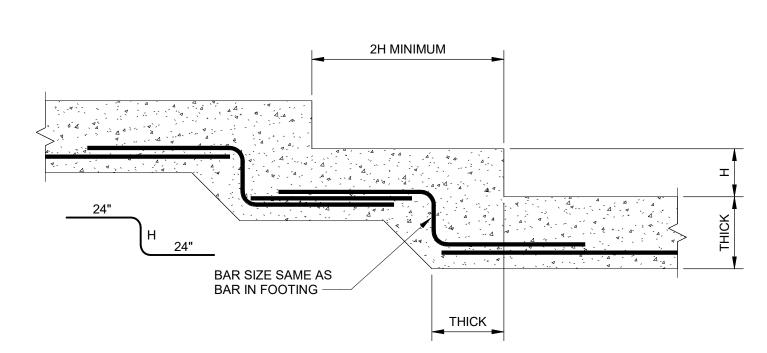


\_\_\_\_

#### TYPICAL COLUMN BASE DETAIL



#### **CONSTRUCTION / CONTROL JOINT DETAILS**



TYPICAL FOOTING STEP DETAIL

#### **SUBMITTALS:**

SUBMITTALS FOR SHOP DRAWINGS, PRODUCT DATA, AND MILL TESTS ARE REQ'D FOR ITEMS NOTED IN THE INDIVIDUAL MATERIALS SECTIONS AND FOR BIDDER DESIGNED ELEMENTS.

SUBMITTAL REVIEW PERIOD SUBMITTALS SHALL BE MADE IN TIME TO PROVIDE A MINIMUM OF (2) TWO WEEKS OR (10) TEN WORKING DAYS TO REVIEW BY THE ARCHITECT/ENGINEER PRIOR TO THE ONSET OF FABRICATION.

<u>GENERAL CONTRACTORS PRIOR REVIEW:</u>
PRIOR TO THE SUBMISSION TO THE ARCHITECT/ENGINEER, THE CONTRACTOR

SHALL REVIEW THE SUBMITTAL FOR COMPLETENESS. DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE S.E.R., AND THEREFORE, MUST BE VERIFIED BY THE GENERAL CONTRACTOR. CONTRACTOR SHALL PROVIDE ANY NECESSARY DIMENSIONAL DETAILS REQUESTED BY THE DETAILER AND PROVIDE THE CONTRACTOR'S REVIEW STAMP AND SIGNATURE BEFORE FORWARDING TO THE ARCHITECT / ENGINEER.

ONCE THE CONTRACTOR HAS COMPLETED HIS REVIEW. THE STRUCTURAL ENGINEER OF RECORD (S.E.R.) WILL REVIEW THE SUBMITTAL FOR GENERAL COMFORMANCE WITH THE DESIGN CONCEPT AND THE CONTRACT DOCUMENTS OF THE BUILDING AND WILL STAMP THE SUBMITTAL ACCORDINGLY, MARKINGS OR COMMENTS SHALL NOT BE CONSTRUED AS RELIEVING THE

CONTRACTOR FROM COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, NOR DEPARTURES THERE FROM. THE S.E.R. WILL RETURN SUBMITTALS IN THE FORM THEY ARE SUBMITTED IN (EITHER HARD COPIES OR ELECTRONIC) FOR HARD COPY SUBMITTALS, THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE REQUIRED NUMBER OF COPIES TO THE S.E.R. FOR REVIEW.

WHEN SHOP DRAWINGS (COMPONENT DESIGN DRAWINGS) DIFFER FROM OR ADD TO THE REQUIREMENTS OF THE STRUCTURAL DRAWINGS THEY SHALL BE DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED.

#### **DEFERRED SUBMITTALS:**

SUBMIT "BIDDER-DESIGNED" DEFERRED SUBMITTALS TO THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD (S.E.R.). FOR REVIEW. THE DEFERRED SUBMITTALS SHALL ALSO BE SUBMITTED TO THE CITY FOR APPROVAL, IF REQUIRED BY THE CITY.

DESIGN OF PREFABRICATED, "BIDDER-DESIGNED", MANUFACTURED, PRE-ENGINEERED, OR OTHER FABRICATED PRODUCTS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS. 1. DESIGN CONSIDERS TRIBUTARY DEAD, LIVE, WIND AND EARTHQUAKE LOADS IN COMBINATIONS REQUIRED BY IBC 2021

2. DESIGN WITHIN THE DEFLECTION LIMITS NOTED HEREIN AND AS SPECIFIED OR REFERENCED IN THE IBC 2021. 3. DESIGN SHALL CONFORM TO THE SPECIFICATIONS AND REFERNCE STANDARDS OF THE GOVERNING CODE. 4. SUBMITTAL SHALL INCLUDE:

a. CALCULATIONS PREPARED, STAMPED AND SIGNED BY THE SPECIALTY STRUCTURAL ENGINEER (S.S.E.) DEMONSTRATING CODE COMFORMANCE.

b. ENGINEERED COMPONENT DESIGN DRAWINGS, ARE PREPARED, STAMPED AND SIGNED BY THE S.S.E. c. PRODUCT DATA, TECHNICAL INFORMATION, AND MANUFACTURER'S WRITTEN REQUIREMENTS AND AGENCY APPROVALS AS APPLICABLE.

d. S.S.E. MAY SUBMIT TO THE ARCHITECT / ENGINEER, A REQUEST TO UTILIZE RELEVANT ALTERNATE DESIGN CRITERIA OF SIMILAR NATURE AND GENERAL EQUIVALENCY WHICH IS RECOGNIZED BY THE CODE AND ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. SUBMIT ADEQUATE DOCUMENTATION OF DESIGN.

VERTICAL	LIMIT
*ROOF MEMBERS, DEAD + LIVE OR RAIN, SNOW, OR WIND TOTAL LOAD (TL) DEFL.	L/240 WHERE (L IS SPAN LENGTH IN INCHES)
ROOF LIVE OR RAIN OR SNOW OR WIND LOAD (RLL)	L/360
FLOOR MEMBERS TOTAL LOAD (TL) U.N.O.	L/360
FLOOR LIVE LOAD (LL) U.N.O.	L/480
MEMBERS SUPPORTING MASONRY	L/600 OR 1/4" MAX MASONRY (DL) ONLY
OPERABLE PARTITION SUPPORT MEMBERS	L/600 OR 1/4" MAX
HORIZONTAL	LIMIT
MEMBERS SUPPORTING BRITTLE FINISHES	L/240 (NOTE 1)
MEMBERS SUPPORTING FLEXIBLE FINISHES	L/180 (NOTE 1)
MEMBERS SUPPORTING MASONRY	L/600 @ 0.7 x CLADDIN WIND OR 0.7E (NOTE
INTERSTORY DRIFT	0.020 x STORY HEIGHT

\*ROOF MEMBERS SHALL BE DESIGNED TO CONTROL PONDING SUCH THAT CHORD MEMBER STRESSES DO NOT EXCEED LIMITS INDICATED ON PLANS UNDER DEAD + RAIN LOADING.

(NOTE 1) WIND LOAD IS REDUCIBLE TO 0.42 TIMES COMPONENT AND CLADDING LOADS PER TABLE 1604.3 FOOT NOTE f

GENERAL CONTRACTOR'S PRIOR REVIEW: DNCE THE CONTRACTOR HAS COMPLETED HIS REVIEW OF THE S.S.E. COMPONENT DRAWINGS THE S.E.R. WILL REVIEW THE SUBMITTAL FOR GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING AND WILL STAMP THE SUBMITTAL ACCORDINGLY. REVIEW OF THE SPECIALTY STRUCTURAL ENGINEER'S (S.S.E.) SHOP DRAWINGS (COMPONENT DESIGN DRAWINGS) IS FOR COMPLIANCE WITH DESIGN CRITÉRIA AND COMPATIBILITY WITH THE DESIGN OF THE PRIMARY STRUCTURE AND DOES NOT RELIEVE THE S.S.E. OF RESPONSIBILITY FOR THAT DESIGN. ALL NECESSARY BRACING, TIES, ANCHORAGE, PROPRIETARY PRODUCTS SHALL BE FURNISHED AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS OR THE S.S.E.'S DESIGN DRAWINGS AND

- \* STEEL STAIRS \* HANDRAIL, GUARDRAIL, CATWALK FRAMING, BALCONY RAIL ANCHORAGES \* METAL DECK EDGE FORMS
- \* EXTERIOR CLADDING SYSTEMS, CURTAIN WALL SYSTEMS, PRE-ENGINEERED PANELS WINDOW WASHING SYSTEM TIE-DOWN ANCHORAGE

CALCULATIONS. THE ELEMENTS INCLUDE BUT ARE NOT LIMITED TO:

- \* TEMPORARY SHORING SYSTEMS COLD-FORMED METAL STUDS - EXTERIOR WALL ASSEMBLIES
- \* COLD-FORMED METAL STUDS FRAMING INTERIOR WALLS INCLUDING PARTIAL HEIGHT \* COLD-FORMED METAL STUDS & JOISTS FRAMING OVERHEAD SOFFITS
- \* TILT-UP WALL PANELS INCLUDING BUT NOT LIMITED TO PANEL-TO-PANEL CONNECTIONS, FOUNDATION CONNECTIONS, CONNECTIONS BETWEEN OTHER STRUCTURAL ELEMENTS (BEAMS JOISTS, ETC), AND EMBEDMENTS. \* SOIL IMPROVMENTS (RAMMED-AGGREGATE PIER, RIGID INCLUSIONS, GROUT INJECTIONS, ETC.) TO MEET THE REQUIREMENTS OF THE GEOTECHNICAL REPORT

#### **GENERAL MASONRY NOTES:**

CODES: MASONRY DESIGN AND CONSTRUCTION IS BASED ON AND SHALL CONFORM TO THE PROVISIONS OF ACI A530-LATEST EDITION / ASCE 5-LATEST EDITION / TMS 402-LATEST EDITION INCLUDING SEISMIC REQUIREMENTS OF APPENDIX A.

MASONRY: CONCRETE UNITS CONFORMING TO: ASTM C90 FOR HOLLOW LOADBEARING UNITS ASTM C145 FOR SOLID LOADBEARING UNITS FOR CONCRETE BRICK ASTM C55

#### ALL MASONRY TO BE TYPE "N" AND MEET ASTM C90 GUIDELINES.

MINIMUM F'm = 2000 PSI

BRICK SHALL CONFORM TO ASTM C62.

8" CMU SHALL BE 7 5/8" X 7 5/8" X 15 5/8" W/ 3/8" JOINTS

MORTAR AND GROUT: USE MORTAR FOR MASONRY CONFORMING TO ASTM C270 TYPE S.

GROUT SHALL CONFORM TO ASTM C476 MIN. Fc = 3000 PSI GROUT SHALL CONSIST OF 1 PART PORTLAND CEMENT MIXED TO DESIRED CONSISTENCY.

MASONRY WALLS MADE OF CMU ARE TO BE REINFORCED USING 3/16" TRUSS TYPE REINFORCEMENT (GALVANIZED AFTER FABRICATION) AT 16" O.C.

MASONRY WALLS MADE OF BRICK AND CMU WITH INSULATED CAVITY ARE TO BE REINFORCED USING 3/16" CAVITY-TRUSS TRIPOD TYPE REINFORCEMENT (GALVANIZED AFTER FABRICATION)

AT 16" O.C. MASONRY COURSING TO BE A RUNNING BOND, PERPENDICULAR JOINTS SHALL BE

REINFORCING BARS SHOWN IN MASONRY WALLS SHALL BE LAPPED AS FOLLOWS, ALL LAP SPLICES SHALL BE ACCORDING TO IBC SECTION 2107.2.3

#3 BARS-LAP 18" MIN #4 BARS-LAP 24" MIN #5 BARS-LAP 36" MIN #6 BARS-LAP 56" MIN #7 BARS-LAP 76" MIN #8 BARS-LAP 107" MIN

TOOTHED TOGETHER

REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60

BACK-FILL AT THE BASEMENT AND RETAINING WALLS SHALL BE DONE UNDER CONTROLLED CONDITIONS ONLY AFTER WALL HAS SET UP.

ANY CMU MASONRY WITH COMPRESSIVE STRENGTH OF GREATER THAN 1500PSI SHALL BE VERIFIED BY TEST ACCORDING TO ASTM C1314 OR BY ASTM C140. THESE TEST RESULTS SHALL BE AVAILABLE TO THE BUILDING INSPECTOR.

ALL FILLED CELL MASONRY TO BE BUILT TO PRESERVE THE UNOBSTRUCTED VERTICAL CONTINUITY OF THE CELLS TO BE FILLED. LAY UNITS WITH FULL FACE SHELL MORTAR BEDS AND CROSS WEBS ADJACENT TO VERTICAL CORES TO BE FILLED.

FILL CELLS WITH GROUT TO MAXIMUM OF 8 FEET. IF TOTAL POUR IS GREATER THAN 8 FEET, POUR IN FOUR (4) FOOT LIFTS STOPPING 1 1/2" BELOW UPPERMOST UNIT FOR CONSTRUCTION

**GENERAL STRUCTURAL STEEL NOTES:** 

STRUCTURAL STEEL (PLATES):

THE DESIGN, DETAILING, FABRICATION, AND ERECTION OF STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."

STRUCTURAL STEEL (WIDE FLANGE SHAPES): ASTM A992 STRUCTURAL TUBING: ASTM A500, GRADE B, FY=46 KSI STRUCTURAL STEEL (ALL OTHER SHAPES): ASTM A36

STEELS: STRUCTURAL STEEL IS TO CONFORM TO THE FOLLOWING SPECIFICATIONS:

ROOF DECK TO BE 1 1/2" DEEP, 6" WIDE RIB, PRIME PAINTED, VULCRAFT 1.5B, 18GA OR EQUAL. FASTEN ROOF DECK TO SUPPORTS W/ #12 HEX-HEAD SCREWS USING 36/4 PATTERN MINIMUM

ASTM A36

WITH SIDELAP CONNECTION 12"oc TO ALLOW ROOF TO ACT AS A DIAPHRAGM. WELDING: ALL WELDING IS TO CONFORM TO ANSI/AWS D1.1 STRUCTURAL WELDING CODE USING 370XX ELECTRODES. ALL WELDING IS TO BE DONE BY WELDERS QUALIFIED UNDER ANSI/AWS D1.1

PROVIDE EVIDENCE OF QUALIFICATION TO ARCHITECT BOLTS: ALL BOLTED CONNECTIONS ARE TO BE MADE USING 3/4" A325 BOLTS IN BEARING TYPE CONNECTIONS UNLESS SHOWN OR NOTED OTHERWISE ON THE DRAWINGS. A307 BOLTS MAY BE

ANCHOR RODS: ANCHOR RODS ARE TO BE OF A36 MATERIAL. ALL ANCHOR RODS ARE TO BE OF A36 MATERIAL. ALL ANCHOR RODS ARE TO BE SET WITH A TEMPLATE PRIOR TO POURING

#### **GENERAL TIMBER NOTES:**

WOOD CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHAPTER 23 OF THE SOUTH CAROLINA STATE BUILDING CODE.

ALL SHOP FABRICATED TRUSSES SHALL BE DESIGNED. FABRICATED, AND INSTALLED IN ACCORDANCE WITH THE NATIONAL DESIGN SPECTIFICATION. PUBLISHED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION. DESIGN AND FABRICATION DRAWINGS SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN SOUTH CAROLINA. THESE DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW BEFORE FABRICATION AND INSTALLATION OF THE MEMEBERS.

ALL TRUSSES SHALL BE LATERALLY BRACED AS RECOMMENDED BY THE MANUFACTURER. ALL NAILING AND STAPLING FOR CONNECTION OF WOOD MEMBERS, NOT NOTED ON DRAWING. SHALL BE IN ACCORDANCE WITH THE SOUTH CAROLINA STATE BLDG. CODE TABLE 2304.10.2 (FASTENING SCHEDULE). FOR NAILING AND STAPLING CONDITIONS NOT COVERED IN THIS TABLE, THE MANUFACTURER'S RECOMMENDATIONS UNLESS THE BUILDING CODE REQUIREMENTS ARE MORE STRINGENT.

WOOD CONNECTORS SHALL BE BY SIMPSON STRONG-TIE COMPANY, INC. SUBSTITUTIONS WILL BE ACCEPTED WITH APPROVAL OF THE ENGINEER. ALL PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS UNLESS THE BUILDING CODE REQUIREMENTS ARE MORE STRINGENT.

ALL ROOF TRUSSES SHALL BE ANCHORED AGAINST UPLIFT AT EACH BEARING POINT BY MEANS OF ANCHORS AS INDICATED ON THE DRAWINGS.

ALL LVL BEAMS SHALL HAVE A MODULUS OF ELASTICITY OF 3000KSI. LVL MANUFACTURERS: BOISE CASCADE; GEORGIA-PACIFIC; "TRUS JOIST" WEYERHAEUSER, OR EQUAL.

#### **GENERAL NOTES:**

COMPLETE SHOP DRAWINGS FOR CONSTRUCTION OF ALL SPECIALTY ITEMS INCLUDING, BUT NOT LIMITED TO: PRECAST CONCRETE, HOLLOW CORE CONCRETE SLABS, CURTAIN WALL GLAZING SYSTEMS, LIGHT GAUGE STEEL ROOF AND WALL FRAMING, HEAVY TIMBER TRUSSES, GEOPIERS (FOUNDATIONS IMPROVEMENTS), GUARDRAILS AND STAIRS, SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF SOUTH CAROLINA AND SHALL BE MADE AVAILABLE AT THE JOB SITE DURING TIMES OF INSPECTION.

RESULTS FOR ALL CONCRETE COMPRESSIVE STRENGTH TESTS SHALL BE AVAILABLE ON THE JOB SITE FOR REVIEW BY THE INSPECTOR.

#### **FOUNDATION NOTES:**

NOTED OTHERWISE ON PLAN

CONSTRUCTION JOINTS.

AN ALLOWABLE SOIL BEARING PRESSURE OF 3000 PSF WAS USED FOR THE DESIGN OF SHALLOW FOUNDATIONS BASED ON THE REPORT OF SUBSURFACE EXPLORATION AND GEOTECHNICAL EVALUATION DATED APRIL 19, 2024 PREPARED BY ECS SOUTHEAST, LLC (ECS PROJECT No. 14-10819). IF EXISTING CONDITIONS OR TESTS INDICATE THAT THE SOIL IS SOFT OR OTHERWISE QUESTIONABLE, CONTACT THE ENGINEER BEFORE PLACING CONCRETE.

THE SOILS ENGINEER OR HIS REPRESENTATIVE SHALL INSPECT ALL SUBGRADE WORK PRIOR TO THE PLACEMENT OF ANY REINFORCING STEEL OR CONCRETE AND SHALL PERFORM TESTS TO VERIFY THAT SUCH WORK IS IN CONFORMANCE WITH THE PROCEDURES NOTED IN THE CONTRACT DOCUMENTS. **GENERAL CONCRETE NOTES:** 

ALL REINFORCING BARS TO CONFORM TO ASTM-A615, GRADE 60. ALL ACCESSORIES ARE TO BE INCLUDED. BARS ARE TO BE COLD BENT IN SHOP. BAR SUPPORTS ARE TO BE SPACED INACCORDANCE WITH ACI 318 AND CRSI. ALL BAR SPLICES ARE TO BE CONSIDERED CLASS "B". CLASS "B" SPLICES ARE TO BE LAPPED A DISTANCE OF 1.3 Ld. COMPRESSION REINFORCING SHALL BE LAPPED A MIN. OF 40 BAR DIAMETERS.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 GRADE 60 OR 70. PLACEMENT IN CONCRETE SHALL BE IN THE CENTER OF THE SLAB. UNLESS

CONCRETE FOR FOOTINGS AND SLABS ON GRADE SHALL ATTAIN A 28 DAY COMPRESSIVE

STRENGTH OF 3000 PSI. SEE FOUNDATION NOTES FOR SOIL REPORT AND DESIGN CRITERIA

CONCRETE PLACEMENT AND QUALITY: PER RECOMMENDATIONS IN ACI SP-15. DEBRIS: REMOVE ALL DEBRIS FROM FORMS BEFORE PLACING CONCRETE.

SEGREGATION OF AGGREGATES: DO NOT DROP CONCRETE THROUGH REINFORCING STEEL SO AS TO CAUSE SEGREGATION OF AGGREGATES.

INSERTS: SECURELY POSITION ALL ITEMS TO BE CAST IN CONCRETE SUCH AS REINFORCING DOWELS, BOLTS, ANCHORS, PIPES AND SLEEVES IN THE FORMS BEFORE PLACING CONCRETE. CONSTRUCTION JOINTS: OBTAIN THE ARCHITECTS APPROVAL OF JOINT LOCATIONS IN ALL

SLABS, BEAMS, AND SHEAR WALLS. REMOVE LAITANCE AND CLEAN SURFACE OF CONCRETE

PIPES: DO NOT EMBED PIPES OTHER THAN ELECTRICAL CONDUITS IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY THE ARCHITECT. MAXIMUM PIPE SIZE SHALL BE 1/3 OF THE SLAB THICKNESS AND LOCATED AT THE MID DEPTH. MINIMUM SPACING SHALL BE 3 TIMES THE PIPE DIAMETER. PIPES SHALL NOT IMPAIR THE STRENGTH OF THE MEMBER. ANY PIPES OF ALUMINUM ARE PROHIBITED IN STRUCTURAL CONCRETE.

REBAR COVER: ALL DIMENSIONS SHOWING THE LOCATION OF REINFORCING STEEL NOT NOTED AS "CLEAR" ARE TO CENTER OF STEEL MINIMUM REBAR COVER (CLEAR) FOR NON-PRESTRESSED CONCRETE SHALL BE AS FOLLOWS:

LOCATION	MIN. COVERAGE (CLEAR)	TOLERANCES
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3"	3/8"
EXPC	SED TO EARTH OR WEATHER	R:
#5 AND SMALLER BARS	1 1/2"	3/8"
#6 AND LARGER BARS	2"	3/4"
NOT EXPOSED TO W	EATHER OR IN CONTACT WIT	ΓΗ THE GROUND:
STRUCTURAL SLABS & WALLS	3/4"	1/8"
SLABS ON GRADE	1 1/2"	1/4"
BEAMS AND COLUMNS (PRIMARY REINFORCEMENT, TIES, STIRRUPS AND SPIRALS)	1 1/2"	3/8"

TOLERANCES OF REBAR PLACEMENT: TOLERANCE FOR LONGITUDINAL LOCATION OF BENDS AND ENDS OF REINFORCEMENT SHALL BE PLUS OR MINUS 2 INCHES EXCEPT AT DISCONTINUING ENDS OF MEMBERS WHERE TOLERANCES SHALL BE PLUS OR MINUS 1/2 INCH.

DO NOT ADD WATER TO CONCRETE MIX AT SITE UNLESS APPROVED BY ARCHITECT

CONCRETE: NORMAL WEIGHT CONCRETE SHALL HAVE A MINIMUM UNIT WEIGHT OF 145 POUNDS PER CUBIC FOOT.

AGGREGATE: NORMAL WEIGHT AGGREGATE CONFORMING TO ASTM C33. AGGREGATE SIZE CONFORMING TO:

1" ASTM C67 1 1/2" ASTM C67

3/4" ASTM C67

#### CEMENT: TYPE I

CONCRETE AGE: NO MORE THAN 90 MINUTES SHALL ELAPSE BETWEEN CONCRETE BATCHING AND CONCRETE PLACEMENT UNLESS APPROVED BY ARCHITECT.

	MINIMUM REQUIRED LAP SPLICE LENGTHS						
		TENSION					
BAR SIZE	CONCRETE STRENGTH				COMPRESSION SPLICES		
	2000 psi	) psi   3000 psi   4000 psi		5000 psi			
#3	27"	22"	20"	17"	15"		
#4	36"	29"	25"	22"	20"		
#5	44"	36"	31"	29"	25"		
#6	53"	43"	38"	34"	30"		
#7	77"	62"	55"	49"	35"		
#8	88"	72"	62"	56"	40"		
#9	99"	81"	70"	63"	45"		
#10	110"	90"	78"	70"	50"		
#10	110	30	70	'0	50		

#### CONCRETE QUALITY

SONOTIETE GOVERN	<u>-</u>				
CONCRETE USE	STRENGTH AT 28 DAYS	SLUMP	<u>AIR</u>	AGGREGATE SIZE	AGGREGATE TYPE
FOUNDATIONS	3000 PSI	4"		1 1/2"	ASTM C33
EXTERIOR SLABS	4500 PSI	4"	4 - 6%	1"	ASTM C33
STRUCTURAL WALLS	4000 PSI	3"		1"	ASTM C33
YARD WALLS	4500 PSI	3"		1 1/2"	ASTM C33
SLAB ON GRADE	3000 PSI	4"		1"	ASTM C33
ELEVATED SLAB ON METAL DECK	4000 PSI (LIGHT WEIGHT)	4"		1"	ASTM C33
POST TENSION SLAB	5000 PSI	4"		1"	ASTM C33
CIP ELEVATED SLABS	5000 PSI	4"		1"	ASTM C33



125 Rhett St.

Fax: 864.990.3085

Phone: 864.451.5288

www.cor3design.con

Consultants:

<u>STRUCTURAL</u>

Taylor & Viola Structural Engineers PO Box 2616 Hickory, NC 28602

828.328.6331 <u>PLUMBING</u>

LWI CONSULTING ENGINEERS S70 Cleveland St, STE 1D Greenville, SC 29601 864.271.6535

<u>MECHANICAL</u> LWI CONSULTING ENGINEERS 署 870 Cleveland St, STE 1D Greenville, SC 29601

864.271.6535 <u>ELECTRICAL</u> Matrix Engineering, INC 912 S Pine Street

864.583.6274

Spartanburg, SC 29302

Project Title:

475 HOSPITALITY BLVD GREENWOOD, SC 29649

Client Logo:

Revisions:

FOR REVIEW ONLY

08.26.2024 99% Review Set

Project Number: 23112

**GENERAL NOTES** 



ARCHITECTURE

COR3 Design, LLC

Greenville, SC 29601

www.cor3design.com

监 Phone: 864.451.5288

Fax: 864.990.3085

STRUCTURAL
Taylor & Viola Structural Engineers

≌ 125 Rhett St.

じ Suite 101

Consultants:

PO Box 2616 Hickory, NC 28602 828.328.6331

b PLUMBING

Greenville, SC 29601 864.271.6535

LWI CONSULTING ENGINEERS

870 Cleveland St, STE 1D

<u>MECHANICAL</u>

里 870 Cleveland St, STE 1D ☐ Greenville, SC 29601 864.271.6535

ELECTRICAL

Matrix Engineering, INC

912 S Pine Street Spartanburg, SC 29302

864.583.6274

Project Title:

Client Logo:

475 HOSPITALITY BLVD,

GREENWOOD, SC 29649

FOR REVIEW ONLY

NOT FOR

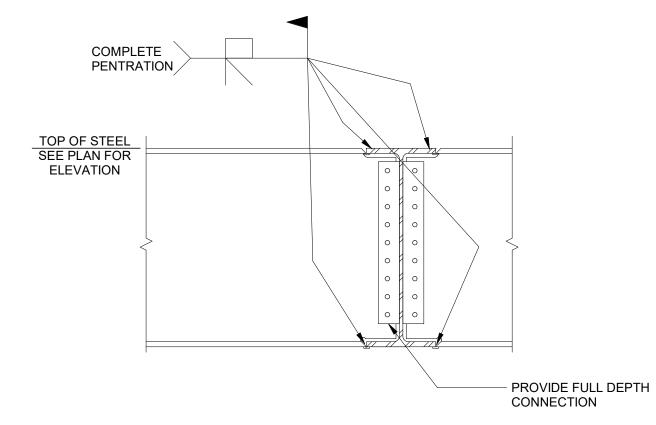
CONSTRUCTION

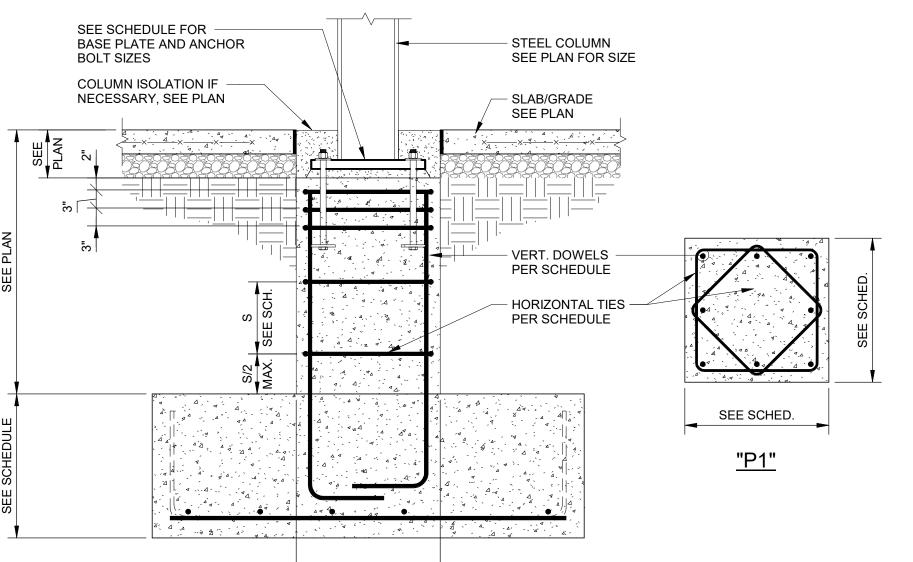
08.26.2024 99% Review Set

Project Number: 23112

SCHEDULES AND TYPICAL

LWI CONSULTING ENGINEERS



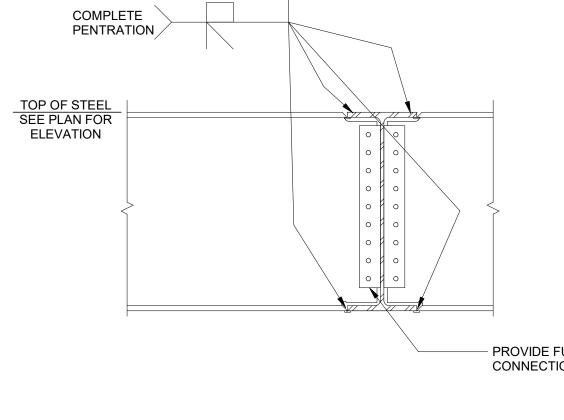


CONCRETE PIER SCHEDULE						
MARK	SIZE	DOWELS	VERTICALS	TIES		
P1	24" x 24" PIER	(8) #6	(8) #6	#3 AT 8"oc		

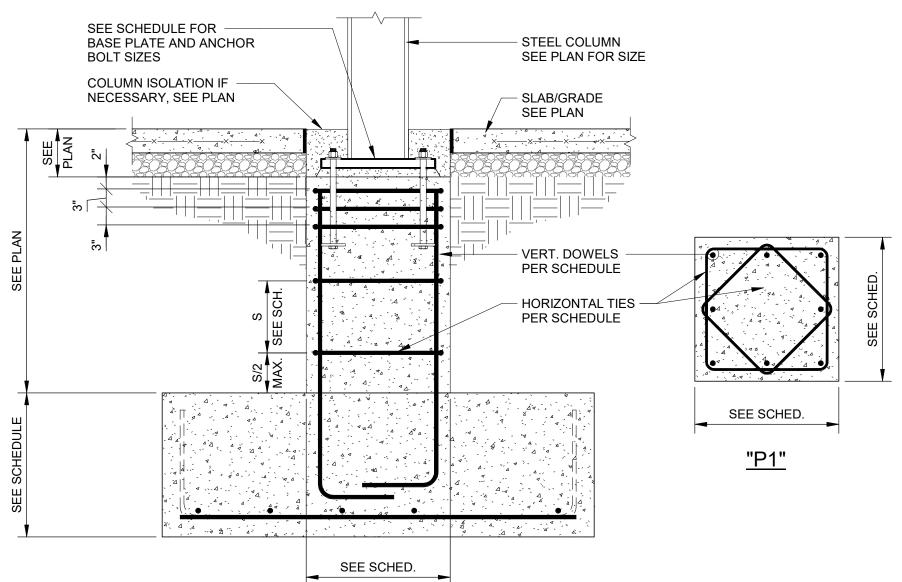
STEEL COLUMN SCHEDULE						
MARK	SIZE	BASEPLATE	CAP PLATE	ATTACHMENT	EMBED LENGTH	COMMENTS
C5	HSS5X5X3/8	3/4"x12"x12"	N/A	(4) 3/4"Ø	9"	N/A
C6	HSS6X6X1/2	1"x14"x14"	PER DETAILS	(4) 1"Ø	12"	N/A
C7	HSS7X5X1/2	1"x16"x12"	N/A	(4) 1"Ø	12"	N/A
C8	HSS8X8X1/2	1-1/4"x16"x16"	N/A	(4) 1"Ø	12"	N/A

FOOTING SCHEDULE					
MARK	SIZE	BOTTOM REINFORCING	TOP REINFORCING		
F4	4'-0" x 4'-0" x 1'-0"	(5) - #5 E.W.	N/A		
F5	5'-0" x 5'-0" x 1'-6"	(6) - #5 E.W.	N/A		
F6	6'-0" x 6'-0" x 1'-6"	(6) - #6 E.W.	N/A		
F7	7'-0" x 7'-0" x 1'-6"	(7) - #6 E.W.	N/A		
F8	8'-0" x 8'-0" x 2'-0"	(9) - #6 E.W.	N/A		
F10	10'-0" x 10'-0" x 2'-0"	(8) - #6 E.W.	N/A		

MARK	SIZE	CONT. BARS	TRANSVERSE BARS
TS2.5	2'-6" WIDE x 12" THICK	(3) #5 CONT.	#5 AT 16"oc
TS4.0	4'-0" WIDE x 12" THICK	(5) #5 CONT.	#5 AT 12"oc



### TYPICAL BEAM MOMENT CONNECTION 'MC' DETAIL

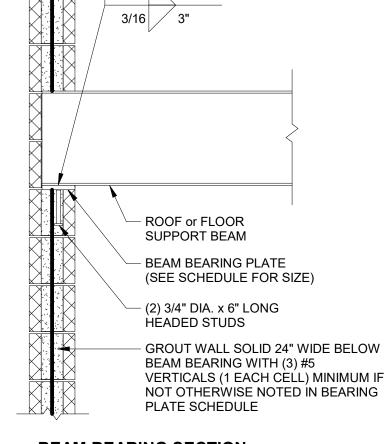


### TYPICAL CONCRETE PIER DETAIL

		24 X 24 1 1L1X	(0) #0	(0) #0	#0711 0 00	
STEEL COLUMN SCHEDULE						
MARK	SIZE	BASEPLATE	CAP PLATE	ATTACHMENT	EMBED LENGTH	COMMENTS

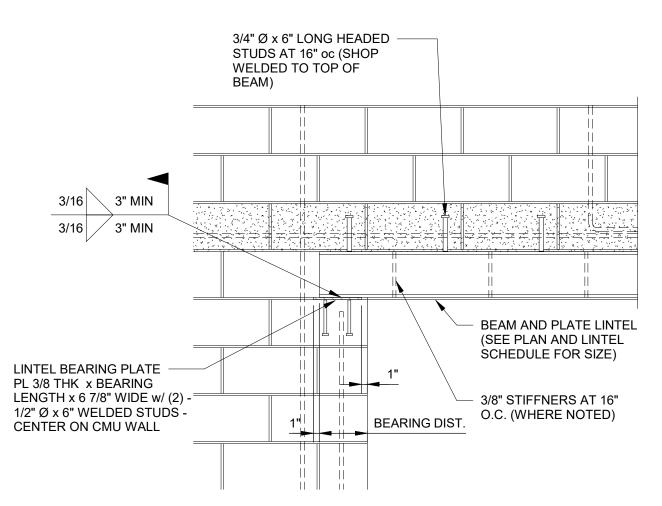
FOOTING SCHEDULE					
MARK	SIZE	BOTTOM REINFORCING	TOP REINFORCING		
F4	4'-0" x 4'-0" x 1'-0"	(5) - #5 E.W.	N/A		
F5	5'-0" x 5'-0" x 1'-6"	(6) - #5 E.W.	N/A		
F6	6'-0" x 6'-0" x 1'-6"	(6) - #6 E.W.	N/A		
F7	7'-0" x 7'-0" x 1'-6"	(7) - #6 E.W.	N/A		
F8	8'-0" x 8'-0" x 2'-0"	(9) - #6 E.W.	N/A		
F10	10'-0" x 10'-0" x 2'-0"	(8) - #6 E.W.	N/A		

THICKENED SLAB SCHEDULE							
MARK	SIZE	CONT. BARS	TRANSVERSE BARS				
TS2.5	2'-6" WIDE x 12" THICK	(3) #5 CONT.	#5 AT 16"oc				
TS4.0	4'-0" WIDE x 12" THICK	(5) #5 CONT.	#5 AT 12"oc				
WALL FOOTING SCHEDULE							
MARK	SIZE	CONT. BARS	TRANSVERSE BARS				
WF2.0	2'-0" WIDE x 12" THICK	(3) #5 CONT.	#5 AT 16"oc				

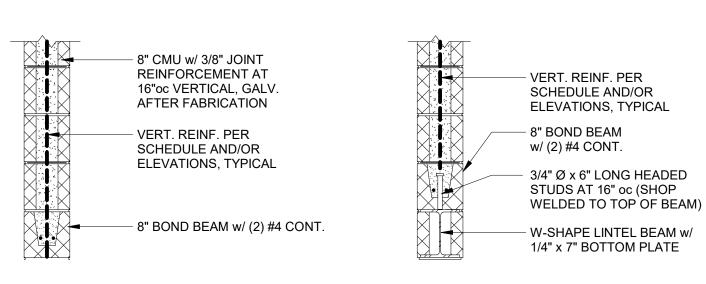


В	EARING PL	ATE S	CHED	ULE
MARK	MAX REACTION (KIPS)	w	Т	No. OF GROUTED
BP1	20	8"	3/4"	2
BP2	30	12"	3/4"	2
BP3	50	16"	1 1/4"	3
BP4	60	16"	1 3/4"	4
2. PAI 3. WE OF 4. WH	: BEARING PLATES TO NT 1'-0" LENGTH AT BE LD NOT REQ'D WHERI WALL & RODS EXTENI IERE BEAM FLANGE IS TSIDE OF BEAM FLANG	EAM END w/ E SLAB IS PF D THROUGH LESS THAN	ZINC RICH P RESENT BOT BEAM FLAN 6", SPACE B	H SIDES GE OLTS

#### **BEAM BEARING SECTION**



### TYPICAL BEAM AND PLATE LINTEL BEARING DETAIL

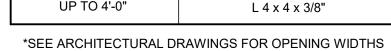


### TYPICAL "BB8" DETAIL

### TYPICAL "LX" DETAIL

	LIN	ITEL SCHEDULE	
MARK	LINTEL SIZE	MINIMUM BEARING	REMARKS
BB8	8" BOND BEAM WITH (2) #4	24" EACH END	SEE STRUCTURAL DRAWINGS
L1	W16x36 w/ 1/4" BOTTOM PLATE	8" EACH END	FOR LINTEL LOCATIONS
L2	W16x50 w/ 1/4" BOTTOM PLATE	16" EACH END	SEE ARCHITECTURAL DRAWINGS FOR OPENING
L3	W24x55 w/ 1/4" BOTTOM PLATE	16" EACH END w/ BP4	WIDTHS, TYPICAL

#### BRICK VENEER LOOSE LINTEL SCHEDULE **OPENING SIZE ANGLE SIZE BEARING** L 7 x 4 x 3/8" (LLV) 1'-0" EACH END 8'-1" UP TO 10'-0" 4'-1" UP TO 8'-0" L 6 x 4 x 3/8" (LLV) 8" EACH END



UP TO 4'-0"

## **ANGLE LINTEL SECTION**

2x T&B w/ (2) —

@ 12"oc

SIMPSON SDWS22300

- BRICK VENEER, SEE

WOOD STUDS, SEE

PLANS AND DETAILS

WOOD HEADER, SEE

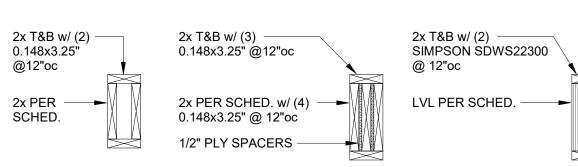
PLANS AND HEADER

- BRICK VENEER LOOSE

LINTEL PER SCHEDULE

ARCH. DWGS

SCHEDULE

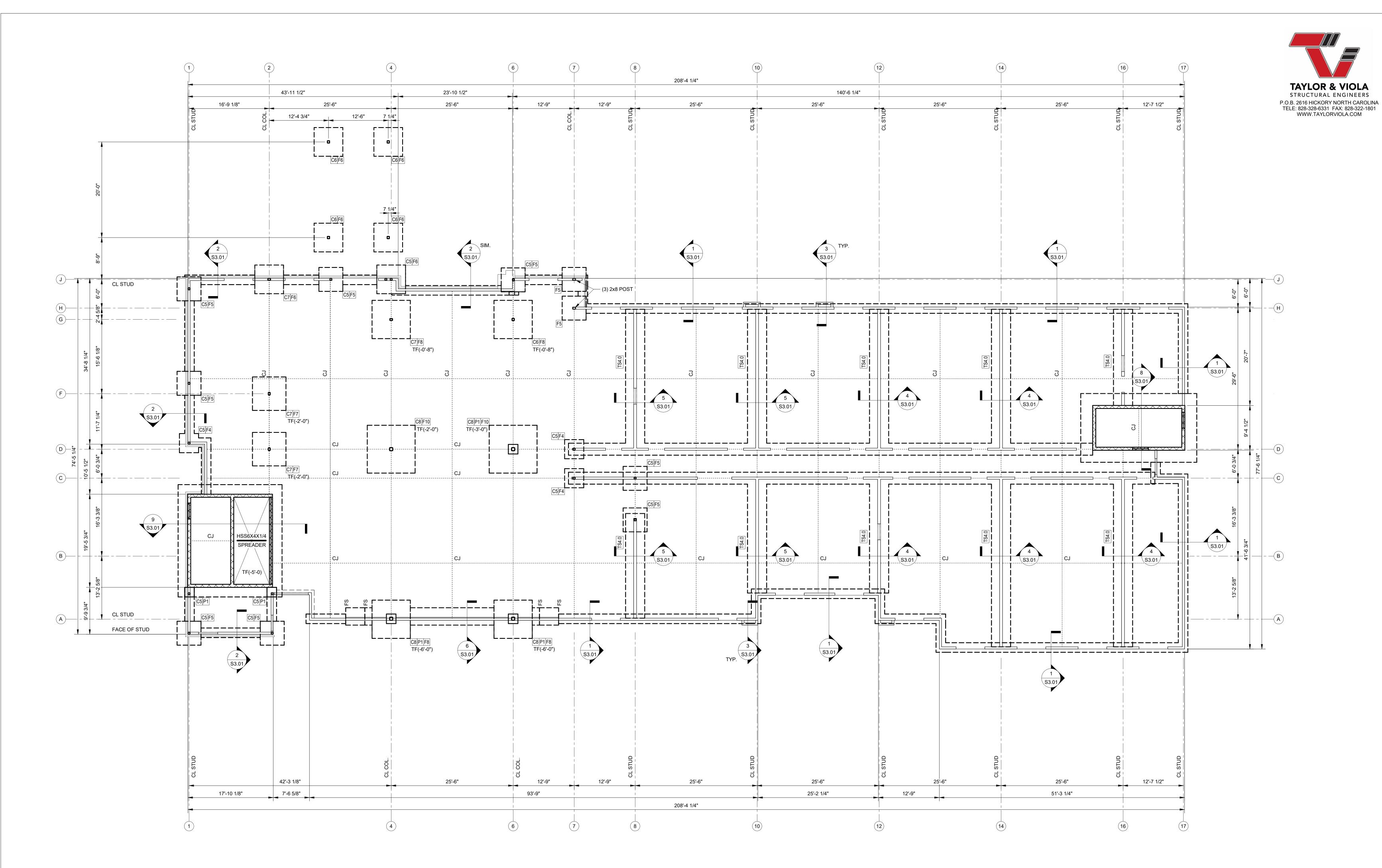






HEADER DETAIL 'A'			HEADER DETAIL 'C'				
	WOOD HEADER SCHEDULE						
MARK	HEADER SIZE	No. OF STUDS AT EACH END	HEADER DETAIL				
H1	(2) 2x8	(2) JACK + (2) FULL HEIGHT	HEADER DETAIL 'A'				
H2	(3) 1-3/4"x7-1/4" LVL	(2) JACK + (2) FULL HEIGHT	HEADER DETAIL 'C'				
Н3	(4) 2x12	(2) JACK + (3) FULL HEIGHT	HEADER DETAIL 'B'				
H4	(3) 1-3/4"x11-1/4" LVL	(2) JACK + (3) FULL HEIGHT	HEADER DETAIL 'C'				

8" EACH END



# FOUNDATION PLAN

- 1. TOP OF FINISHED FIRST FLOOR SLAB ON GRADE ELEVATION TO BE REFERENCE ELEVATION (0'-0") UNLESS
- 2. SLAB ON GRADE TO BE 4" CONCRETE w/ 6x6 W1.4 x W1.4 W.W.F. AND SUBGRADE PREPARED PER SITE GEOTECHNICAL REPORT. VAPOR BARRIER SHALL BE PLACED AS REQUIRED BY ARCHITECT AND/OR GEOTECHNICAL
- 3. TOP OF FOOTING ELEVATION TO BE TF(-1-4") BELOW FINISHED SLAB ON GRADE ELEVATION UNLESS OTHERWISE
- 4. SEE SHEET S2.02 FOR WOOD STUD WALL FRAMING (STUD SIZE AND SPACING REQ'D). ALL WOOD STUDS SHALL BE MINIMUM OF #2 SOUTHERN YELLOW PINE UNLESS OTHERWISE NOTED OR APPROVED BY EOR <u>PRIOR</u> TO ERECTION.
- 5. "FX" INDICATES CONCRETE FOOTING; SEE FOOTING SCHEDULE ON SHEET S0.02.
- 6. "CJ" INDICTES CONSTRUCTION / CONTROL JOINTS; SEE SHEET S0.01 FOR TYPICAL SLAB DETAILS.
- 7. "CX" INDICATES STEEL COLUMN; SEE SHEET S0.02 FOR STEEL COLUMN SCHEULE.
- 8. "FS" INDICATES CONCRETE FOOTING STEP; SEE SHEET S0.01 FOR TYPICAL DETAIL.
- 9. ALL DIMESIONS TO FACE OF STUD UNLESS OTHERWISE NOTED. SEE ARCH DRAWINGS FOR DIMENSION AT ALL INTERIOR NON-LOAD BEARING WALLS.
- 10. VERIFY TOP OF FOOTING ELEVATIONS w/ FINAL CIVIL DRAWINGS <u>PRIOR</u> TO PLACEMENT OF CONCRETE.
- 11. SEE SHEETS S2.02 THRU S2.04 FOR CMU WALL REINFORCING INFORMATION.
- 12. ALL BEAM FRAMING TO BE SUPPORTED BY STUD POSTS CONTINUOUS TO TRANSFER BEAM OR FOUNDATION BELOW. PROVIDE (3) 2x6 STUDS FOR SUPPORT UNLESS OTHERWISE NOTED ON PLAN.



COR3 Design, LLC
Commercial, Office, Retail, Restaurant, Real Estate Development

≦ 125 Rhett St. 5 Suite 101 Greenville, SC 29601

# Phone: 864.451.5288 Fax: 864.990.3085 www.cor3design.com

Consultants: STRUCTURAL
Taylor & Viola Structural Engineers

PO Box 2616 Hickory, NC 28602 O 828.328.6331 b <u>PLUMBING</u>

LWI CONSULTING ENGINEERS Greenville, SC 29601 864.271.6535 **MECHANICAL** 

LWI CONSULTING ENGINEER: 置 870 Cleveland St, STE 1D ☐ Greenville, SC 29601 864.271.6535 **ELECTRICAL** Matrix Engineering, INC

912 S Pine Street Spartanburg, SC 29302

864.583.6274

GREENWOOD, SC 29649

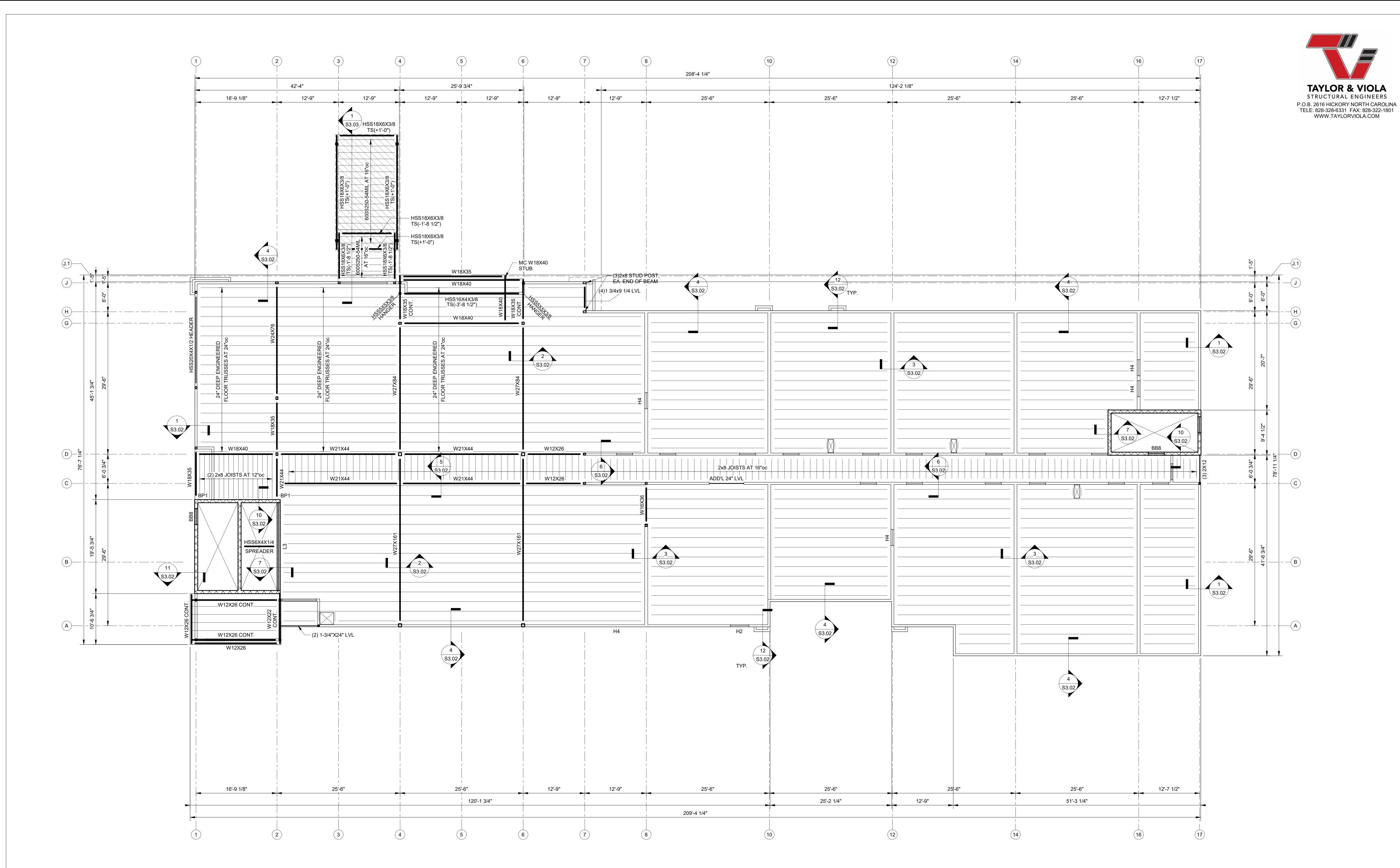
FOR REVIEW ONLY NOT FOR

08.26.2024 99% Review Set

Project Number: 23112 Phase: 08.26.2024

Drawn By: REB Checked By: VDC

FOUNDATION PLAN



SECOND FLOOR FRAMING PLAN

1 1/8" = 1'-

1. TOP OF 2ND FLOOR SUBFLOOR ELEVATION TO BE (+13'-10 1/2") ABOVE FINISHED FIRST FLOOR SLAB ON GRADE REFERENCE ELEVATION (0'-0") UNLESS OTHERWISE NOTED.

NOTED.

2. TOP OF STEEL ELEVATIONS SHALL BE (-0'-3 3/4") BELOW TOP OF SUBFLOOR ELEVATION, TYPICAL UNLESS OTHERWISE MARKED TS(-X'-X").

3. UNLESS OTHERWISE NOTED, FLOOR FRAMING TO BE ENGINEERED 33-1/8" FLOOR TRUSSES AT 24"oc (MAX.). FLOOR TRUSS DESIGN IS A DEFERRED SUBMITTAL AND SHOP DRAWINGS INCLUDING DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO THE EOR AND ARCHITECT AND SHALL BE SEALED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF SOUTH CAROLINA.

4. FLOOR DIAPHRAGM TO BE 3/4" T&G SHEATHING/SINGLE FLOOR GRADE; GLUE PER MANUFACTURER AND ATTACH WITH 10d NAILS AT 6"oc AT BOUNDARY & ALL PANEL EDGES AND 10d NAILS AT 12"oc IN THE FIELD. STRAPS NOTED ON PLAN TO BE NAILED PER MANUFACTURER TO BLOCKING OR FLOOR FRAMING, VERIFY MIN. BLOCKING OR FRAMING WIDTHS w/ STRAP MANUFACTURER.

5. ALL STRUCTURAL WOOD FRAMING (BEAMS, HEADERS, ETC.) TO BE MINIMUM OF #2 SPRUCE-PINE-FIR OR #2 SOUTHERN YELLOW PINE UNLESS OTHERWISE NOTED OR APPROVED BY EOR PRIOR TO ERECTION.

6. SEE SHEET S2.012FOR WOOD STUD WALL FRAMING (STUD SIZE AND SPACING REQ'D). ALL WOOD STUDS SHALL BE MINIMUM OF #2 SOUTHERN YELLOW PINE UNLESS OTHERWISE NOTED OR APPROVED BY EOR <u>PRIOR</u> TO ERECTION.

7. "HX" INDICATES WOOD HEADERS; SEE HEADER SCHEDULE ON SHEET S0.02 FOR DETAILS. ALL HEADERS NOT INDICATED ON PLAN TO BE MINIMUM OF 'H1'.

8. "BBX" AND "LX" INDICATES CMU BOND BEAM AND STEEL LINTELS RESPECTIVELY; SEE LINTEL SCHEDULE ON SHEET S0.02 FOR DETAILS.

9. "BPX" INDICATES BEAM BEARING PLATE; SEE SCHEDULE ON SHEET S0.02 FOR DETAILS.10. COORDINATE FLOOR OPENINGS w/ ARCHITECTURAL AND MECHANICAL DRAWINGS.

11. ALL DIMESIONS TO FACE OF STUD UNLESS OTHERWISE NOTED. SEE ARCH DRAWINGS FOR DIMENSION AT ALL INTERIOR NON LOAD BEARING WALLS.

12. SEE SHEETS S2.02 THRU S2.04 FOR CMU WALL REINFORCING INFORMATION.

13. ALL BEAM FRAMING TO BE SUPPORTED BY STUD POSTS CONTINUOUS TO TRANSFER BEAM OR FOUNDATION BELOW. PROVIDE (3) 2x6 STUDS FOR SUPPORT UNLESS OTHERWISE NOTED ON PLAN.

COP2 Docion II.C

COR3 Design, LLC
Commercial, Office, Retail, Restaurant, Real Estate Develop

125 Rhett St.

Suite 101
Greenville, SC 29601
Phone: 864.451.5288

Fax: 864.990.3085 www.cor3design.com

Consultants:

STRUCTURAL

Taylor & Viola Structural Engineers

PO Box 2616
Hickory, NC 28602
PLUMBING

PLUMBING

LWI CONSULTING ENGINEERS

870 Cleveland St, STE 1D

Greenville, SC 29601

864.271.6535

MECHANICAL
LWI CONSULTING ENGINEERS
870 Cleveland St, STE 1D
Greenville, SC 29601

864.271.6535

ELECTRICAL

Matrix Engineering, INC
912 S Pine Street

Spartanburg, SC 29302
864.583.6274

Project Title:

HOME 2 SUITES GREENWOOD, SC

475 HOSPITALITY BLVD,

GREENWOOD, SC 29649

Client Logo

FOR REVIEW ONLY

NOT FOR

CONSTRUCTION

Revisions:

08.26.2024

99% Review Set

Project Number: 23112

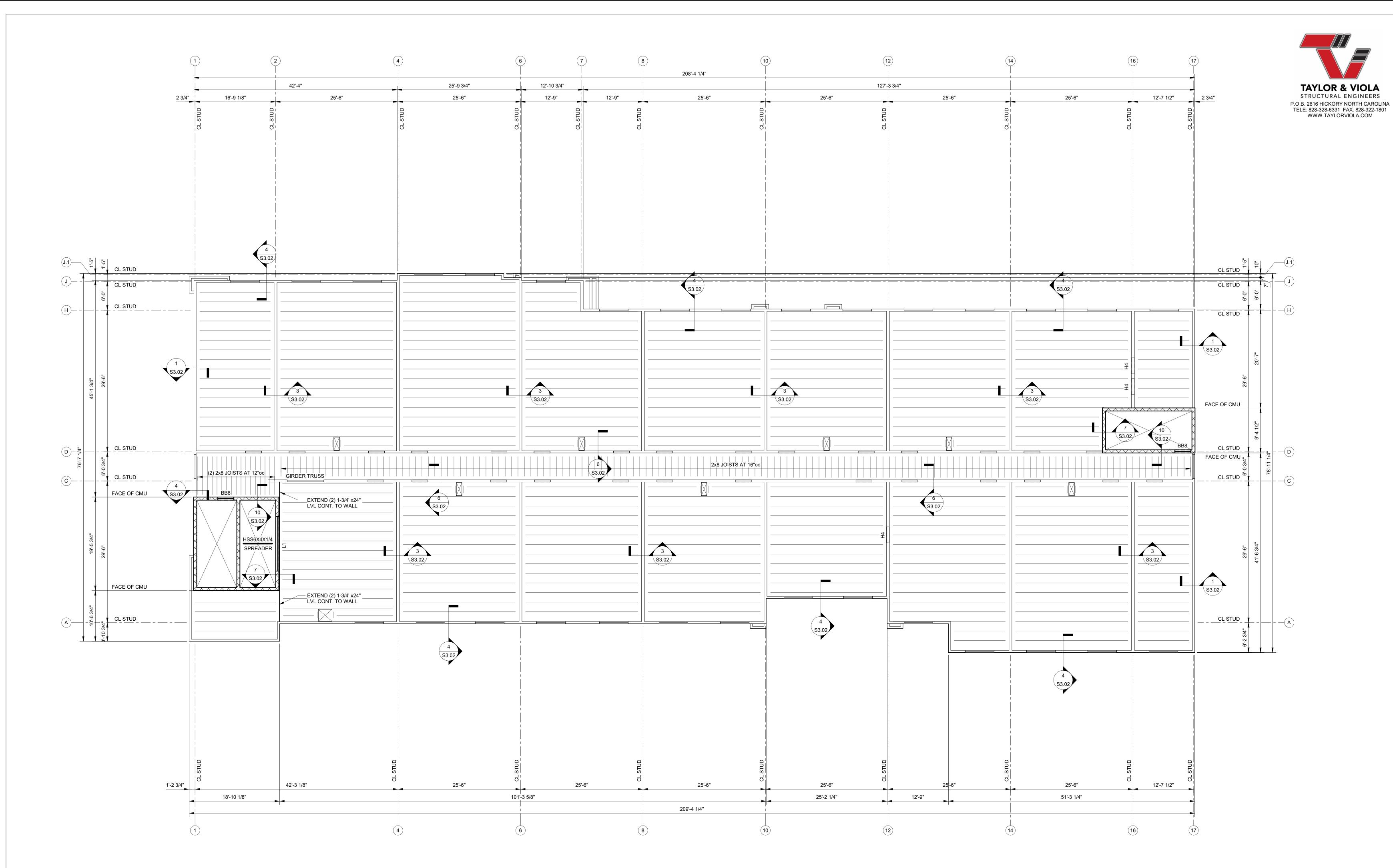
Phase: CD

Date: 08.26.2024

Drawn By: REB
Checked By: VDC

Sheet Number: Sheet Number:

SECOND LEVEL FRAMING PLAN



### THIRD AND FOURTH FLOOR FRAMING PLAN

- 1. TOP OF 3RD FLOOR SUBFLOOR ELEVATION TO BE (+24'-10 1/2") ABOVE FINISHED FIRST FLOOR SLAB ON GRADE REFERENCE ELEVATION
- 2. TOP OF 4TH FLOOR SUBFLOOR ELEVATION TO BE (+35'-10 1/2") ABOVE FINISHED FIRST FLOOR SLAB ON GRADE REFERENCE ELEVATION
- (0'-0") UNLESS OTHERWISE NOTED.

  3. UNLESS OTHERWISE NOTED, FLOOR FRAMING TO BE ENGINEERED 33-1/8" FLOOR TRUSSES AT 24"oc (MAX.). FLOOR TRUSS DESIGN IS A

DEFERRED SUBMITTAL AND SHOP DRAWINGS INCLUDING DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO THE EOR AND

- ARCHITECT AND SHALL BE SEALED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF SOUTH CAROLINA.

  4. FLOOR DIAPHRAGM TO BE 3/4" T&G SHEATHING/SINGLE FLOOR GRADE; GLUE PER MANUFACTURER AND ATTACH WITH 10d NAILS AT
- 6"oc AT BOUNDARY & ALL PANEL EDGES AND 10d NAILS AT 12"oc IN THE FIELD. STRAPS NOTED ON PLAN TO BE NAILED PER
  MANUFACTURER TO BLOCKING OR FLOOR FRAMING, VERIFY MIN. BLOCKING OR FRAMING WIDTHS w/ STRAP MANUFACTURER.
- 5. ALL STRUCTURAL WOOD FRAMING (BEAMS, HEADERS, ETC.) TO BE MINIMUM OF #2 SPRUCE-PINE-FIR OR #2 SOUTHERN YELLOW PINE UNLESS OTHERWISE NOTED OR APPROVED BY EOR <u>PRIOR</u> TO ERECTION.
- 6. SEE SHEET S2.02 FOR WOOD STUD WALL FRAMING (STUD SIZE AND SPACING REQ'D). ALL WOOD STUDS SHALL BE MINIMUM OF #2 SOUTHERN YELLOW PINE UNLESS OTHERWISE NOTED OR APPROVED BY EOR <u>PRIOR</u> TO ERECTION.
- 7. "HX" INDICATES WOOD HEADERS; SEE HEADER SCHEDULE ON SHEET S0.02 FOR DETAILS. ALL HEADERS NOT INDICATED ON PLAN TO
- 8. "BBX" AND "LX" INDICATES CMU BOND BEAM AND STEEL LINTELS RESPECTIVELY; SEE LINTEL SCHEDULE ON SHEET S0.02 FOR DETAILS.

10. ALL DIMESIONS TO FACE OF STUD UNLESS OTHERWISE NOTED. SEE ARCH DRAWINGS FOR DIMENSION AT ALL INTERIOR NON LOAD

- 9. COORDINATE FLOOR OPENINGS w/ ARCHITECTURAL AND MECHANICAL DRAWINGS.
- BEARING WALLS.

  11. SEE SHEETS S2.02 THRU S2.04 FOR CMU WALL REINFORCING INFORMATION.
- 12. ALL BEAM FRAMING TO BE SUPPORTED BY STUD POSTS CONTINUOUS TO TRANSFER BEAM OR FOUNDATION BELOW. PROVIDE (3) 2x6 STUDS FOR SUPPORT UNLESS OTHERWISE NOTED ON PLAN.



= 125 Rhett St.

Greenville, SC 29601

www.cor3design.com

# Phone: 864.451.5288

Fax: 864.990.3085

STRUCTURAL
Taylor & Viola Structural Engineers

LWI CONSULTING ENGINEERS

5 Suite 101

Consultants:

PO Box 2616

Hickory, NC 28602 O 828.328.6331

b <u>PLUMBING</u>

Solution
 Solution

<u>MECHANICAL</u>

署 870 Cleveland St, STE 1D

ELECTRICAL

Matrix Engineering, INC

912 S Pine Street

864.583.6274

Spartanburg, SC 29302

Greenville, SC 29601 864.271.6535

Project Title:
HOME 2 SUITE
GREENWOOD, 9
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649

Client Logo:

CONSTRUCTION

Revisions:
08.26.2024 99% Review Set

FOR REVIEW ONLY

NOT FOR

Project Number: 23112

Phase: CD

Date: 08.26.2024

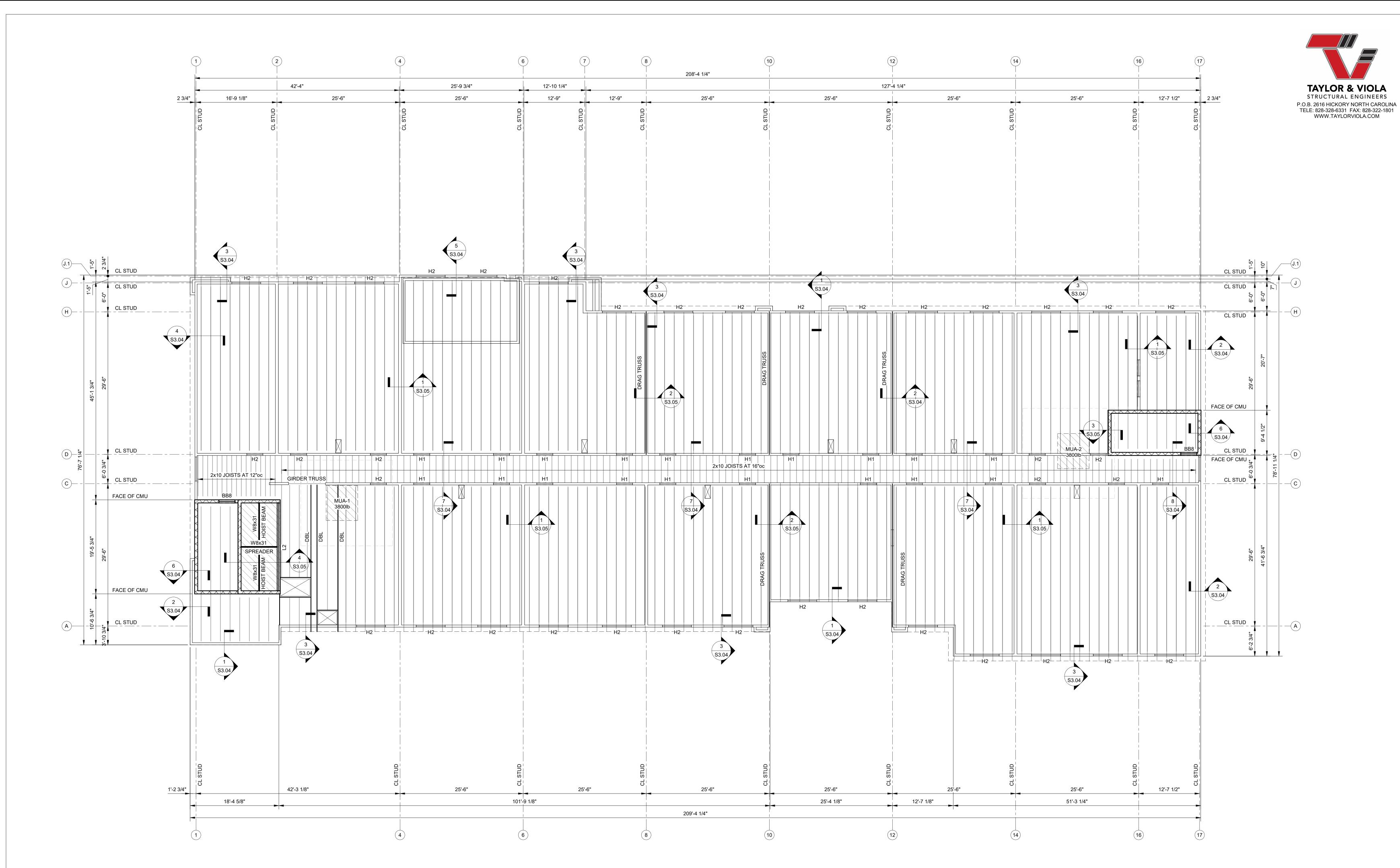
Date: 08.26..

Drawn By: REB

Checked By: VDC

Sheet Number:

Sheet Title:
THIRD & FOURTH LEVEL FRAMING



ROOF FRAMING PLAN

1. ROOF TRUSS BEARING ELEVATION TO BE (+44'-1 1/2") ABOVE FINISHED FIRST FLOOR SLAB ON GRADE REFERENCE ELEVATION

- 2. UNLESS OTHERWISE NOTED, ROOF FRAMING TO BE WOOD TRUSSES AT 24"oc (MAX). ROOF TRUSS DESIGN IS A DEFERRED SUBMITTAL AND SHOP DRAWINGS INCLUDING DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO THE EOR AND
- ARCHITECT AND SHALL BE SEALED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF SOUTH CAROLINA.

  3. ROOF DIAPHRAGM TO BE 3/4" T&G SHEATHING/SINGLE FLOOR GRADE; GLUE PER MANUFACTURER AND ATTACH WITH 10d NAILS

AT 6"oc AT BOUNDARY & ALL PANEL EDGES AND 10d NAILS AT 12"oc IN THE FIELD. STRAPS NOTED ON PLAN TO BE NAILED PER

- MANUFACTURER TO BLOCKING OR FLOOR FRAMING, VERIFY MIN. BLOCKING OR FRAMING WIDTHS w/ STRAP MANUFACTURER.
- 4. ROOF DRAG TRUSSES TO BE DESIGNED FOR SHEAR LOADING NOTED ON PLAN (ASD SERVICE LOADS). ALL DRAG TRUSSES WITHOUT SHEAR LOADINGS NOTED TO BE DESIGNED FOR MINIMUM OF 100lb/ft.
- 5. ALL STRUCTURAL WOOD FRAMING (BEAMS, HEADERS, ETC.) TO BE MINIMUM OF #2 SPRUCE-PINE-FIR OR #2 SOUTHERN YELLOW PINE UNLESS OTHERWISE NOTED OR APPROVED BY EOR <u>PRIOR</u> TO ERECTION.
- 6. SEE SHEET S2.02 FOR WOOD STUD WALL FRAMING (STUD SIZE AND SPACING REQ'D). ALL WOOD STUDS SHALL BE MINIMUM OF # 2 SOUTHERN YELLOW PINE UNLESS OTHERWISE NOTED OR APPROVED BY EOR PRIOR TO ERECTION.
- 7. "HX" INDICATES WOOD HEADERS; SEE HEADER SCHEDULE ON SHEET S0.02 FOR DETAILS. ALL HEADERS NOT INDICATED ON PLAN TO BE MINIMUM OF 'H1'.
- 8. "BBX" AND "LX" INDICATES CMU BOND BEAM AND STEEL LINTELS RESPECTIVELY; SEE LINTEL SCHEDULE ON SHEET S0.02 FOR
- 9. COORDINATE ROOF OPENINGS w/ ARCHITECTURAL AND MECHANICAL DRAWINGS. ROOF TRUSS DESIGN TO ALSO ACCOUNT FOR MECHANICAL EQUIPMENT AS NECESSARY, SEE ARCH/MECH DWGS. FOR WEIGHTS AND LOCATIONS.
- 10. ALL DIMESIONS TO FACE OF STUD UNLESS OTHERWISE NOTED. SEE ARCH DRAWINGS FOR DIMENSION AT ALL INTERIOR NON LOAD BEARING WALLS.
- 11. SEE SHEETS S2.02 THRU S2.04 FOR CMU WALL REINFORCING INFORMATION.
- 12. ALL BEAM FRAMING TO BE SUPPORTED BY STUD POSTS CONTINUOUS TO TRANSFER BEAM OR FOUNDATION BELOW. PROVIDE (3) 2x6 STUDS FOR SUPPORT UNLESS OTHERWISE NOTED ON PLAN.



COR3 Design, LLC
Commercial, Office, Retail, Restaurant, Real Estate Develop
125 Rhett St.

Suite 101 Greenville, SC 29601 Phone: 864.451.5288

Fax: 864.990.3085★ www.cor3design.com

Consultants:

STRUCTURAL

Taylor & Viola Structural Engineers
PO Box 2616

Taylor & Viola Structural Engineers
PO Box 2616
Hickory, NC 28602
828.328.6331

PLUMBING

LWI CONSULTING ENGINEERS

870 Cleveland St, STE 1D

Greenville, SC 29601

864.271.6535

MECHANICAL
LWI CONSULTING ENGINEERS
870 Cleveland St, STE 1D
Greenville, SC 29601

864.271.6535

ELECTRICAL

Matrix Engineering, INC
912 S Pine Street
Spartanburg, SC 29302
864.583.6274

Project Title:
HOME 2 SUITES

475 HOSPITALITY BLVD, GREENWOOD, SC 29649

Client Logo:

FOR REVIEW ONLY

NOT FOR

CONSTRUCTION

Revisions:

08.26.2024

99% Review Set

\_\_\_\_

Project Number: 23112

Phase: CD

Date: 08.26.2024

Drawn By: REB
Checked By: VDC

Sheet Number: Sheet Number:

Sheet Title:
ROOF FRAMING PLAN



Project Number: 23112

COR3 Design, LLC
Commercial, Office, Retail, Restaurant, Real Estate Development

Greenville, SC 29601

딸 Phone: 864.451.5288

www.cor3design.com

Fax: 864.990.3085

STRUCTURAL
Taylor & Viola Structural Engineers

≌ 125 Rhett St.

5 Suite 101

Consultants:

PO Box 2616 Hickory, NC 28602 828.328.6331

b <u>PLUMBING</u>

Greenville, SC 29601 864.271.6535

LWI CONSULTING ENGINEERS

870 Cleveland St, STE 1D

<u>MECHANICAL</u>

里 870 Cleveland St, STE 1D ☐ Greenville, SC 29601

**=** 864.271.6535

ELECTRICAL Matrix Engineering, INC 912 S Pine Street Spartanburg, SC 29302

864.583.6274

LWI CONSULTING ENGINEERS

HOME 2 SUITES

GREENWOOD, SC

475 HOSPITALITY BLVD, GREENWOOD, SC 29649

FOR REVIEW ONLY

NOT FOR

CONSTRUCTION

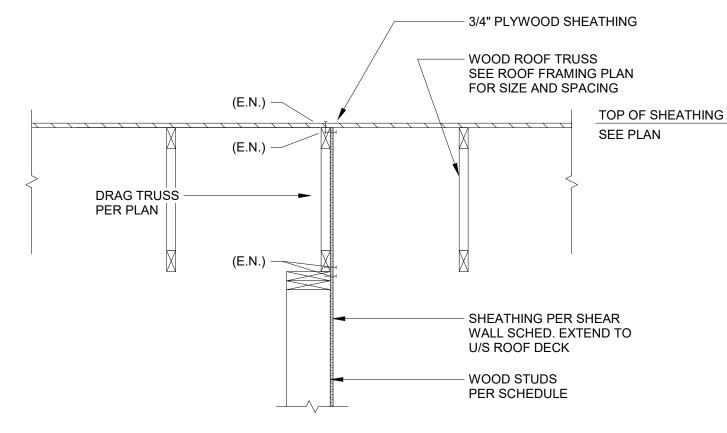
08.26.2024 99% Review Set

\_\_ Checked By: VDC

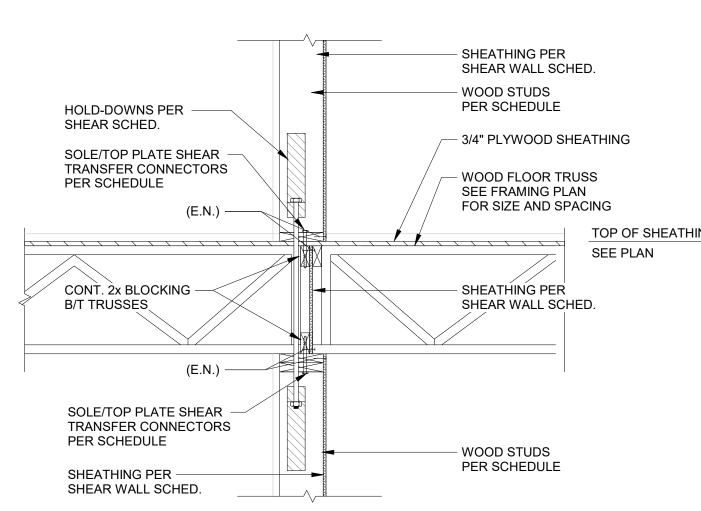
. Sheet Number: 

1 WALL DESIGNATION PLAN
1/8" = 1'-0"

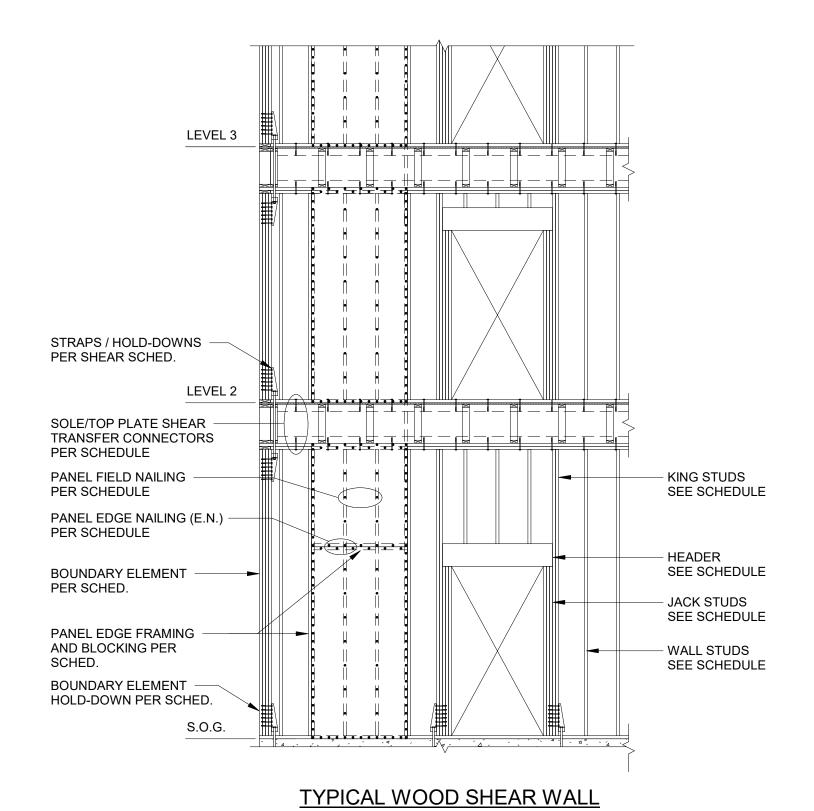




#### SHEAR WALL FRAMING AT ROOF



SHEAR WALL FRAMING AT TYPICAL FLOOR LEVELS (HOLDOWN DETAIL)

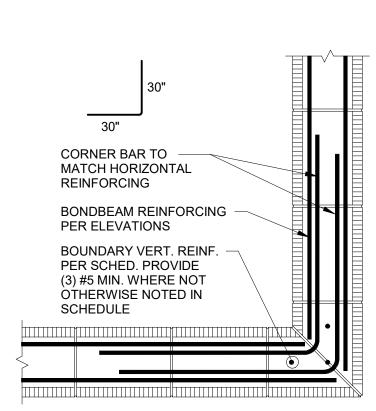


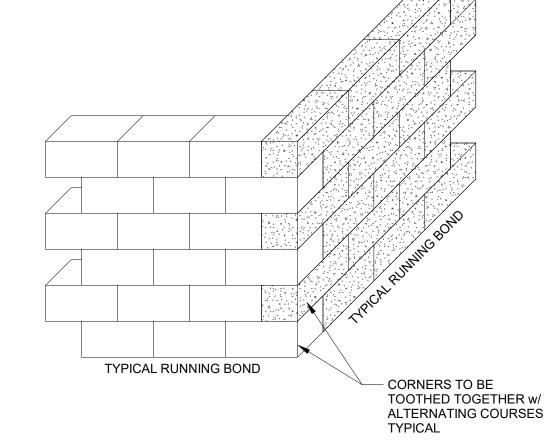
WOOD SHEAR WALL FRAMING SCHEDULE										
PLAN NOTATION	SHEATHING <sup>2</sup>	EDGE NAILING	FIELD <sup>6</sup> NAILING	WIDTH OF NAILED FACE <sup>7</sup> FOR PANEL EDGE FRAMING/BLOCKING	BOUNDARY ELEMENT	BOUNDARY ELEMENT HOLD-DOWN ANCHOR AT GRADE	INTERMEDIATE ANCHORS AT GRADE	STRAPS/HOLDOWNS	SOLE/TOP PLATE SHEAR TRANSFER CONNECTORS	ROOF DRAG TRUSS TO TOP PLATE
SW6	1/2" (15/32") ONE FACE	10d @ 6"oc	10d @ 6"oc	2" NOMINAL	(3) 2x TO MATCH STUD	(1) SIMPSON HDU4-SDS2.5 w/ 5/8"Ø THREADED ROD OR SIMPSON PAB w/ 12" EMBED.	1/2"Ø ANCHOR BOLTS w/ 7" EMBED AT 48"oc	(1) SIMPSON HDU4-SDS2.5 w/ 5/8"Ø THREADED ROD	(1) SIMPSON 'SDWS22600DB' AT 16"oc	(1) SIMPSON A34 AT 16"oc
SW4	1/2" (15/32") ONE FACE	10d @ 4"oc	10d @ 6"oc	2" NOMINAL	(4) 2x TO MATCH STUD	(1) SIMPSON HDU8-SDS2.5 w/ 7/8"Ø THREADED ROD OR SIMPSON PAB w/ 20" EMBED.	1/2"Ø ANCHOR BOLTS w/ 7" EMBED AT 48"oc	(1) SIMPSON HDU5-SDS2.5 w/ 5/8"Ø THREADED ROD	(1) SIMPSON 'SDWS22600DB' AT 12"oc	(1) SIMPSON A35 AT 16"oc
SW3	1/2" (15/32") ONE FACE	10d @ 3"oc	10d @ 6"oc	3" NOM. OR (2) 2x CONNECTED W/ (2) 16d STAGGERED AT 3"oc	(5) 2x TO MATCH STUD	(1) SIMPSON HDU14-SDS2.5 w/ 1"Ø THREADED ROD OR SIMPSON PAB w/ 20" EMBED.	1/2"Ø ANCHOR BOLTS w/ 7" EMBED AT 32"oc	(1) SIMPSON HDU8-SDS2.5 w/ 7/8"Ø THREADED ROD	(1) SIMPSON 'SDWS22600DB' AT 8"oc	(1) SIMPSON HGA10 w/ 3" SDS AT 16"oc
SW2	1/2" (15/32") ONE FACE	10d @ 2"oc	10d @ 6"oc	3" NOM. OR (2) 2x CONNECTED W/ (2) 16d STAGGERED AT 3"oc	(6) 2x TO MATCH STUD	(1) SIMPSON HDU14-SDS2.5 w/ 1"Ø THREADED ROD OR SIMPSON PAB w/ 20" EMBED.	1/2"Ø ANCHOR BOLTS w/ 7" EMBED AT 16"oc	(1) SIMPSON HDU11-SDS2.5 w/ 1"Ø THREADED ROD	(1) SIMPSON 'SDWS22600DB' AT 6"oc	(1) SIMPSON HGA10 w/ 3" SDS AT 12"oc

- 1. ALL WOOD STUDS AND BLOCKING IN SHEAR WALLS SHALL BE A MINIMUM OF #2 SOUTHERN PINE UNLESS OTHERWISE APPROVED BY EOR
- 2. ALL WOOD PANELS SHALL BE ZIP SYSTEM WALL SHEATHING (STRUCTURAL 1 RATED OSB). SEE ARCH. DWGS. FOR ADDITIONAL DETAILS.
- 3. WHERE SPECIFIED NAIL SPACING 3" OR LESS AT PANEL EDGES, EDGE NAILING FOR ADJACENT PANELS SHALL BE STAGGERED. 4. FOUNDATION ANCHOR BOLTS SHALL HAVE A STEEL PLATE WASHER UNDER EACH NUT NOT LESS THAN 0.229"x3"x3".
- 5. PROVIDE SOLID BLOCKING UNDER ALL SHEAR WALL BOUNDARY ELEMENTS FOR FULL BEARING OF BOUNDARY ELEMENT. SEE WOOD STUD WALL FRAMING SCHEDULE THIS SHEET FOR STUD SIZE AND SPACING.
- 6. WHERE STUDS ARE SPACED LESS THAN 24"oc, THE MAXIMUM NAIL SPACING IN PANEL FIELD MAY BE 12"oc.
- 7. ALL SHEAR WALLS SHALL BE BLOCKED AT PANEL EDGES WHERE PANELS ARE INTERRUPTED BETWEEN FLOOR LEVELS. BLOCKING SHALL BE OF MINIMUM WIDTH PER SCHEDULE AND PANELS SHALL BE NAILED AT EDGES INTO BLOCKING PER SCHEDULE. SEE DETAILS GENERAL NOTES FOR GENERIC SHEAR WALL COMPONENTS.
- 8. HOLD-DOWNS AT WALL SEGMENT ENDS SHALL BE AS LISTED IN SCHEDULE TYPICAL UNLESS NOTED OTHERWISE IN PLAN. HOLD-DOWNS SHALL BE PROVIDED AT EACH END OF EACH SHEAR WALL AND AT EACH SIDE OF EACH OPENING.

	WOOD STUD WALL FRAMING SCHEDULE					
LOCATION	INTERIOR LOAD-BEARING WALLS (LB8-1)	CORRIDOR WALLS (LB6-2)	EXTERIOR (END) LOAD-BEARING WALLS (LB6-3)	EXTERIOR (SIDE) LOAD BEARING WALLS (LB6-4)		
4th FL - ROOF	2x8 STUDS AT 16"oc	2x6 STUDS AT 16"oc	2x6 STUDS AT 16"oc	2x6 STUDS AT 16"oc		
3rd FL - 4th FL	2x8 STUDS AT 16"oc	2x6 STUDS AT 16"oc	2x6 STUDS AT 16"oc	2x6 STUDS AT 16"oc		
2nd FL - 3rd FL	(2) 2x8 STUDS AT 16"oc	(2) 2x6 STUDS AT 16"oc	(2) 2x6 STUDS AT 16"oc	2x6 STUDS AT 16"oc		
1st FL - 2nd FL	(2) 2x8 STUDS AT 16"oc	(2) 2x6 STUDS AT 16"oc	(2) 2x6 STUDS AT 16"oc	(2) 2x6 STUDS AT 16"oc		

- 1. ALL WOOD STUDS SHALL HAVE BLOCKING AT STUD MID-HEIGHT OR AT 4'-0"oc FOR WALLS TALLER THAN 10'-0"
- 2. ALL WOOD STUDS AND BLOCKING TO BE MIN. OF SOUTHERN YELLOW PINE #2 UNLESS OTHERWISE NOTED. ANY SUBSTITUTION MUST BE APPROVED BY EOR PRIOR TO ERECTION.
- 3. ALL EXTERIOR WOOD SHEATHING PANELS SHALL BE 1/2" (MIN.) STRUCTURAL SHEATHING GRADE APA PLYWOOD OR OSB. SEE ARCH. DWGS. FOR ADDITIONAL DETAILS.
- 4. ALL EXTERIOR SHEATING SHALL BE ATTACHED USING 10d NAILS w/ 6"oc EDGE SPACING & 12"oc FIELD SPACING UNLESS OTHERWISE NOTED IN WOOD SHEAR WALL FRAMING SCHEDULE.

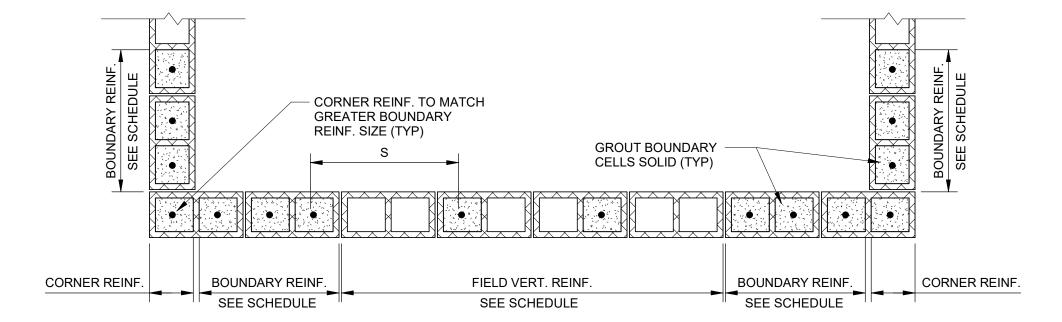




#### WALL CORNER DETAIL AT BOND BEAM

#### **TYPICAL RUNNING BOND**

	MASONRY S	SHEAR WAL	L SCHEDULE				
		(CMU8-1)					
LOCATION	HORIZONTAL REINFORCMENT	FIELD VERTICAL REINFORCMENT	BOUNDARY VERTICAL REINFORCMENT	REMARKS			
4TH - ROOF	8" BOND BEAM w/ (2) #4 AT 48"oc	#4 AT 24" oc	(2) #5				
3RD - 4TH	8" BOND BEAM w/ (2) #4 AT 48"oc	#4 AT 16" oc	(3) #5	SEE NOTES FOR CORNER REINF. INFORMATION			
2ND - 3RD	8" BOND BEAM w/ (2) #4 AT 48"oc	#5 AT 16" oc	(4) #6				
1ST - 2ND	8" BOND BEAM w/ (2) #4 AT 48"oc	#6 AT 8" oc	(4) #7				
		(CMU8-2)					
LOCATION	HORIZONTAL REINFORCMENT	FIELD VERTICAL REINFORCMENT	BOUNDARY VERTICAL REINFORCMENT	REMARKS			
4TH - ROOF	8" BOND BEAM w/ (2) #4 AT 48"oc	#4 AT 48" oc	(2) #5	GROUT ELEVATOR			
3RD - 4TH	8" BOND BEAM w/ (2) #4 AT 48"oc	#5 AT 24" oc	(3) #5	WALLS SOLID			
2ND - 3RD	8" BOND BEAM w/ (2) #4 AT 48"oc	#5 AT 16" oc	(3) #6	SEE NOTES FOR CORNER REINF. INFORMATION			
1ST - 2ND	8" BOND BEAM w/ (2) #4 AT 48"oc	#6 AT 16" oc	(4) #6				
		(CMU8-3)					
LOCATION	HORIZONTAL REINFORCMENT	FIELD VERTICAL REINFORCMENT	BOUNDARY VERTICAL REINFORCMENT	REMARKS			
4TH - ROOF	8" BOND BEAM w/ (2) #4 AT 48"oc	#4 AT 48" oc	(2) #5				
3RD - 4TH	8" BOND BEAM w/ (2) #4 AT 48"oc	#4 AT 24" oc	(2) #5	SEE NOTES FOR			
2ND - 3RD	8" BOND BEAM w/ (2) #4 AT 48"oc	#5 AT 16" oc	(3) #6	CORNER REINF. INFORMATION			
1ST - 2ND	8" BOND BEAM w/ (2) #4 AT 48"oc	#6 AT 16" oc	(3) #6				
		(CMU8-4)					
LOCATION	HORIZONTAL REINFORCMENT	FIELD VERTICAL REINFORCMENT	BOUNDARY VERTICAL REINFORCMENT	REMARKS			
4TH - ROOF	8" BOND BEAM w/ (2) #4 AT 48"oc	#4 AT 48" oc	(2) #5	GROUT ELEVATOR			
3RD - 4TH	8" BOND BEAM w/ (2) #4 AT 48"oc	#5 AT 24" oc	(2) #5	WALLS SOLID			
2ND - 3RD	8" BOND BEAM w/ (2) #4 AT 48"oc	#5 AT 24" oc	(3) #6	SEE NOTES FOR CORNER REINF.			
1ST - 2ND	8" BOND BEAM w/ (2) #4 AT 48"oc	#6 AT 16" oc	(3) #6	INFORMATION			



- 1. WALLS SHALL BE REINFORCED AS INDICATED IN MASONRY WALL SCHEDULES. SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF ALL OPENINGS. GROUT FILL ALL CMU CELLS SOLID WHERE REINFORCING OCCURS.
- 2. BOUNDARY VERTICALS TO OCCUR AT FIRST UNINTERRUPTED CELL FULL HEIGHT OR END OF WALL BEARING PLATES MAY NOT INTERUPT BOUNDARY VERTICALS; COORINDATE w/ BEARING PLATE SCHEDULE AND PROVIDE ADDITIONAL VERTICALS FOR EACH GROUTED CELL
- 3. HORIZONTAL REINFORCING SHALL SPAN CONTINUOUS w/ BONDED CORNERS AND SHALL HOOK AROUND VERTICAL REINFORCING AT ALL TERMINATIONS. SPACE REINFORCING SO THAT MAXIMUM C/C SPACING DOES NOT EXCEED VALUES SHOWN IN SCHEDULE AND SO THAT REINFORCING SPANS CONTINUOUS BETWEEN LAP SPLICES.
- 4. UNLESSS OTHERWISE NOTED IN REINF. SCHEDULE, INSTALL (2) #4 HORIZONTAL BAR IN BONDS AT THE TOP AND BOTTOM OF WALL OPENINGS, EXTEND BEYOND THE VERTICAL REINFORCING ADJACENT TOTHE OPENING 48 BAR DIAMETERS OR 24" MINIMUM.
- 5. INSTALL (1) #4 (MIN.) AT THE FIRST OPEN CELL ADJACENT TO AN OPENING AND FIRST CELL BEYOND END OF LINTEL; DOWEL AT TOP AND BOTTOM INTO ADJACENT LEVEL BOND BEAMS AND/OR FOUNDATION.
- 6. UNLESS MORE STRINGENT REINFORCING IS REQUIRED PER MASONRY REINFORCING SCHEDULE, HORIZONTAL REINFORCING SHALL CONSIST OF A BOND BEAM w/ (2) #4 CONTINOUS UNDER EACH FLOOR AND ROOF PLANK w/ 3/16" HORIZONTAL JOINT REINFORCING AT 16"oc (GALV. AFTER FABRICATION) BETWEEN FLOORS.
- 7. VERTICAL REINFORCEMENT SHALL BE PROVIDED AT THE ENDS OF ALL WALLS AND IN THE FIRST CELL EACH SIDE OF ALL MASONRY CONTROL JOINTS. PROVIDE A MINIMUM OF (1) #5 VERTICAL BAR UNLESS OTHERWISE NOTED IN THE MASONRY REINFORCMENT SCHEDULE.
- 8. INSTALL ONE VERTICAL CORNER BAR AT ENDS OF ALL WALLS, TYPICAL. CORNER REINFORCMENT SHALL MATCH THE GREATER BAR DIAMETER IF TWO SEPERATE VERTICAL BOUNDARY BAR SIZES OCCUR IN

**ARCHITECTURE** 

≟ 125 Rhett St.

じ Suite 101 Greenville, SC 29601 Phone: 864.451.5288

> Fax: 864.990.3085 www.cor3design.com

Consultants: **STRUCTURAL** Taylor & Viola Structural Engineers

Hickory, NC 28602 O 828.328.6331 <u>PLUMBING</u>

PO Box 2616

LWI CONSULTING ENGINEERS ✓ 870 Cleveland St, STE 1D Greenville, SC 29601

864.271.6535 **MECHANICAL** LWI CONSULTING ENGINEERS 署 870 Cleveland St, STE 1D

Spartanburg, SC 29302

☐ Greenville, SC 29601 864.271.6535 **ELECTRICAL** Matrix Engineering, INC 912 S Pine Street

864.583.6274

Project Title:

475 HOSPITALITY BLVD,

GREENWOOD, SC 29649 Client Logo:

FOR REVIEW ONLY

CONSTRUCTION

08.26.2024 99% Review Set

Project Number: 23112 Phase: 08.26.2024

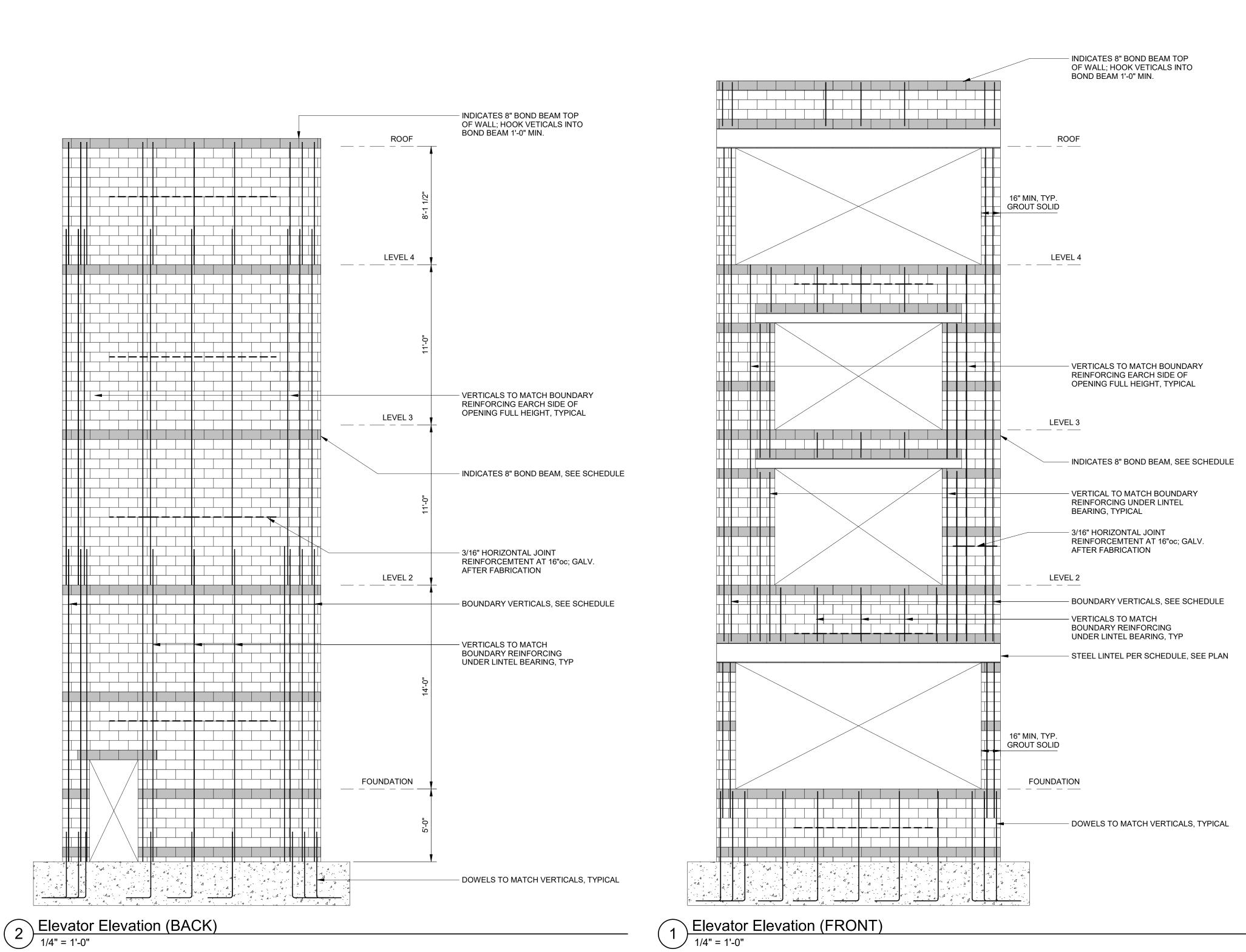
Drawn By:

Checked By: VDC

WOOD SHEAR WALL SCHEDULE AND TYPICAL DETAILS



**ARCHITECTURE** 



INDICATES 8" BOND BEAM TOP
 OF WALL; HOOK VETICALS INTO

VERTICALS TO MATCH BOUNDARY
 REINFORCING EARCH SIDE OF
 OPENING FULL HEIGHT, TYPICAL

— 3/16" HORIZONTAL JOINT

- FEILD VERTICALS, SEE

SCHEDULE

REINFORCEMTENT AT 16"oc; GALV. AFTER FABRICATION

- BOUNDARY VERTICALS, SEE SCHEDULE

DOWELS TO MATCH VERTICALS, TYPICAL

- INDICATES 8" BOND BEAM, SEE SCHEDULE

BOND BEAM 1'-0" MIN.

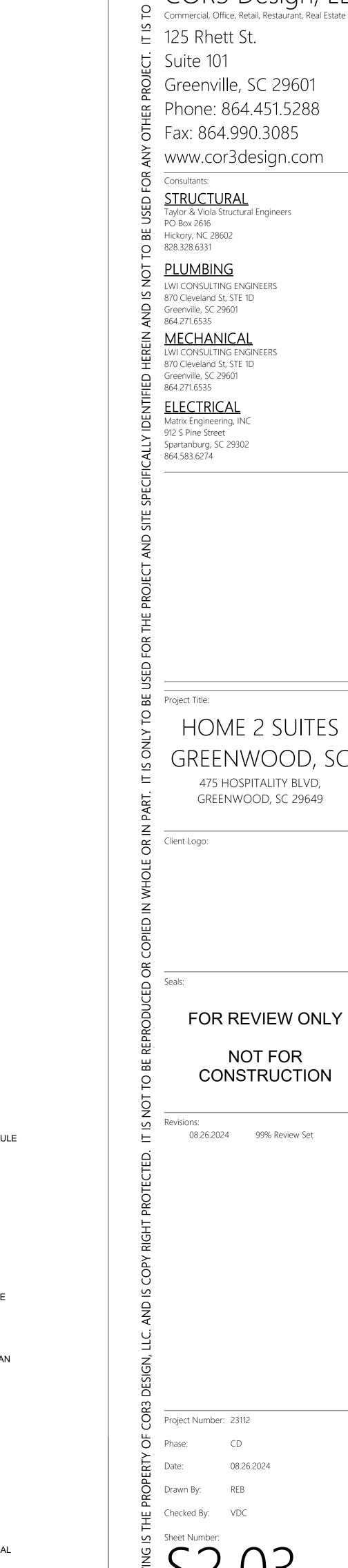
LEVEL 4

\_\_\_\_\_LEVEL 3

\_\_\_\_\_ LEVEL 2

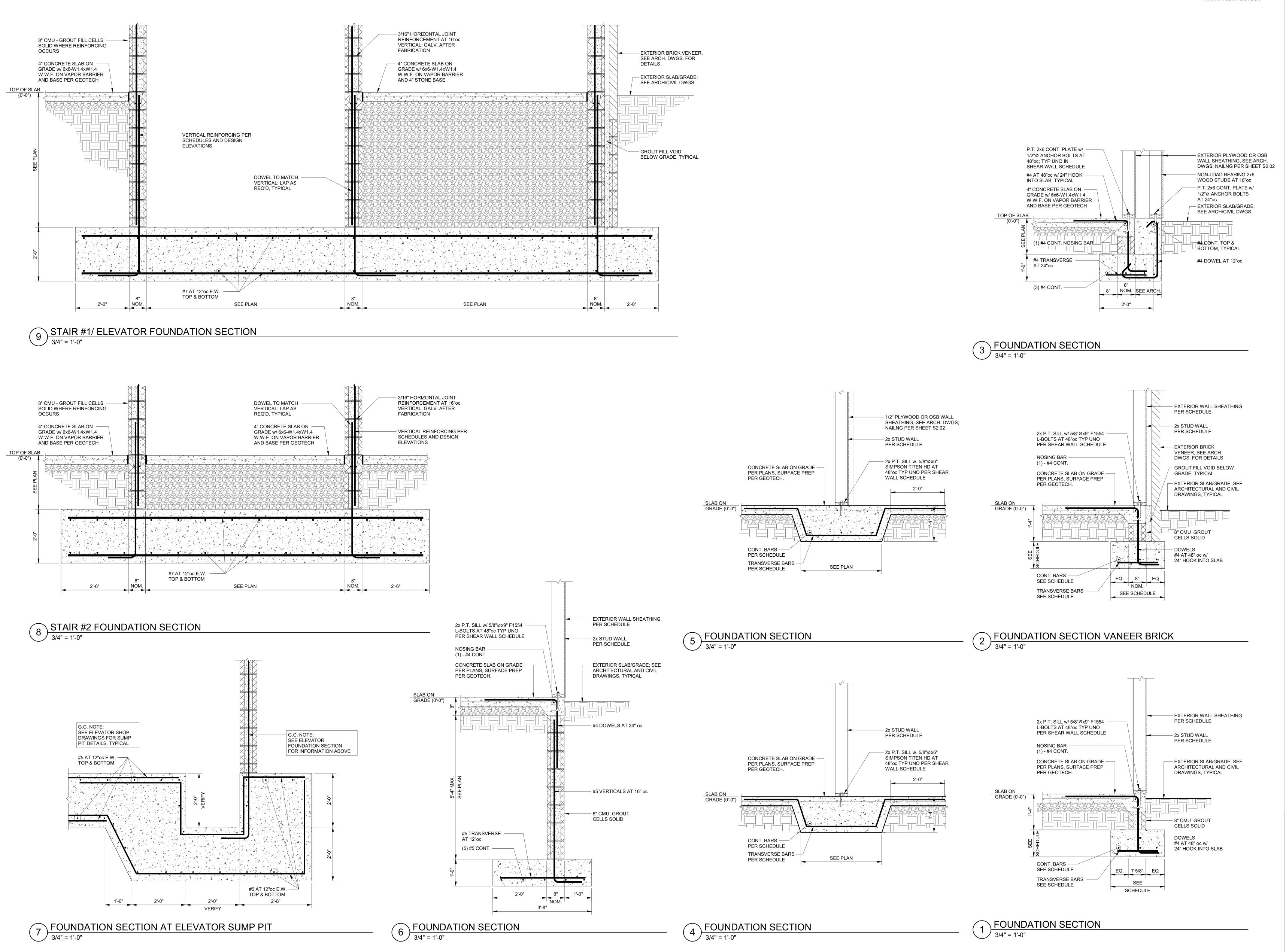
FOUNDATION

3 Elevator Elevation (SIDE)
1/4" = 1'-0"



CMU REINFORCEMENT ELEVATIONS - ELEVATOR







COR3 Design, LLC
Commercial, Office, Retail, Restaurant, Real Estate Developr
125 Rhett St.

Suite 101
Greenville, SC 29601

Phone: 864.451.5288 Fax: 864.990.3085 www.cor3design.com

Consultants:

STRUCTURAL

Taylor & Viola Structural Engineers

Taylor & Viola Structural Engineers
PO Box 2616
Hickory, NC 28602
O 828.328.6331

PLUMBING

LWI CONSULTING ENGINEERS

870 Cleveland St, STE 1D

Greenville, SC 29601
864.271.6535

MECHANICAL
LWI CONSULTING ENGINEERS

870 Cleveland St, STE 1D
Greenville, SC 29601
864.271.6535

ELECTRICAL
Matrix Engineering, INC
912 S Pine Street
Spartanburg, SC 29302
864.583.6274

Project Title:

HOME 2 SUITES

GREENWOOD, SC

475 HOSPITALITY BLVD,

GREENWOOD, SC 29649

Logo:

Client Logo:

Seals:

FOR REVIEW ONLY

NOT FOR

CONSTRUCTION

Revisions:

08.26.2024

99% Review Set

Project Number: 23112

Project Number: 23112

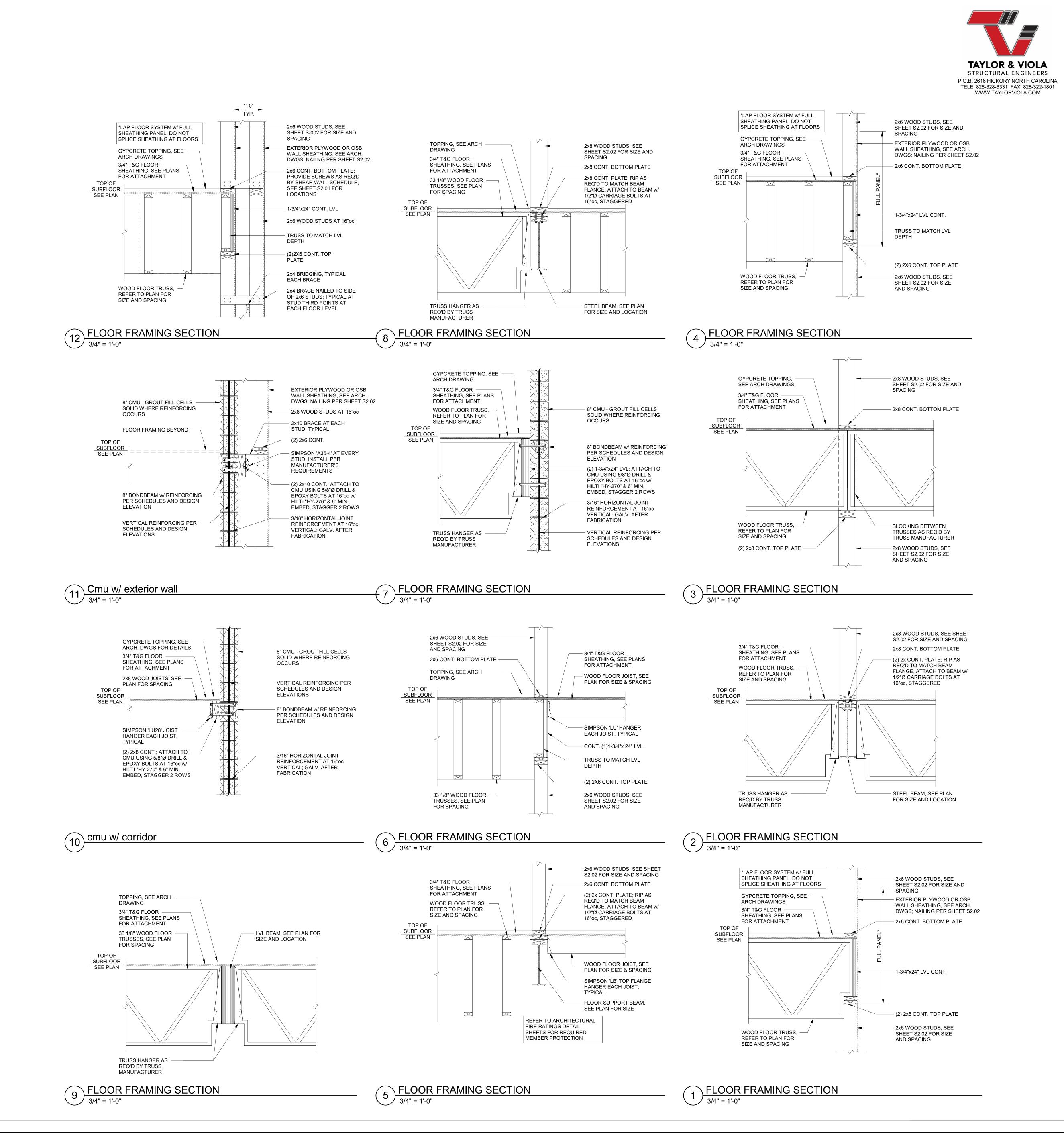
Phase: CD

Date: 08.26.2024

Drawn By: REB
Checked By: VDC

Sheet Number:

Sheet Title:
FOUNDATION SECTIONS



**ARCHITECTURE** 

= 125 Rhett St. じ Suite 101

Phone: 864.451.5288

Fax: 864.990.3085 www.cor3design.com

Consultants: **STRUCTURAL** 

Taylor & Viola Structural Engineers PO Box 2616 Hickory, NC 28602 O 828.328.6331

<u>PLUMBING</u> LWI CONSULTING ENGINEERS

✓ 870 Cleveland St, STE 1D Greenville, SC 29601 864.271.6535

**MECHANICAL** LWI CONSULTING ENGINEERS 870 Cleveland St, STE 1D ☐ Greenville, SC 29601

864.271.6535 **ELECTRICAL** Matrix Engineering, INC 912 S Pine Street Spartanburg, SC 29302

864.583.6274

Project Title:

475 HOSPITALITY BLVD, GREENWOOD, SC 29649

Client Logo:

Seals:

FOR REVIEW ONLY NOT FOR

CONSTRUCTION

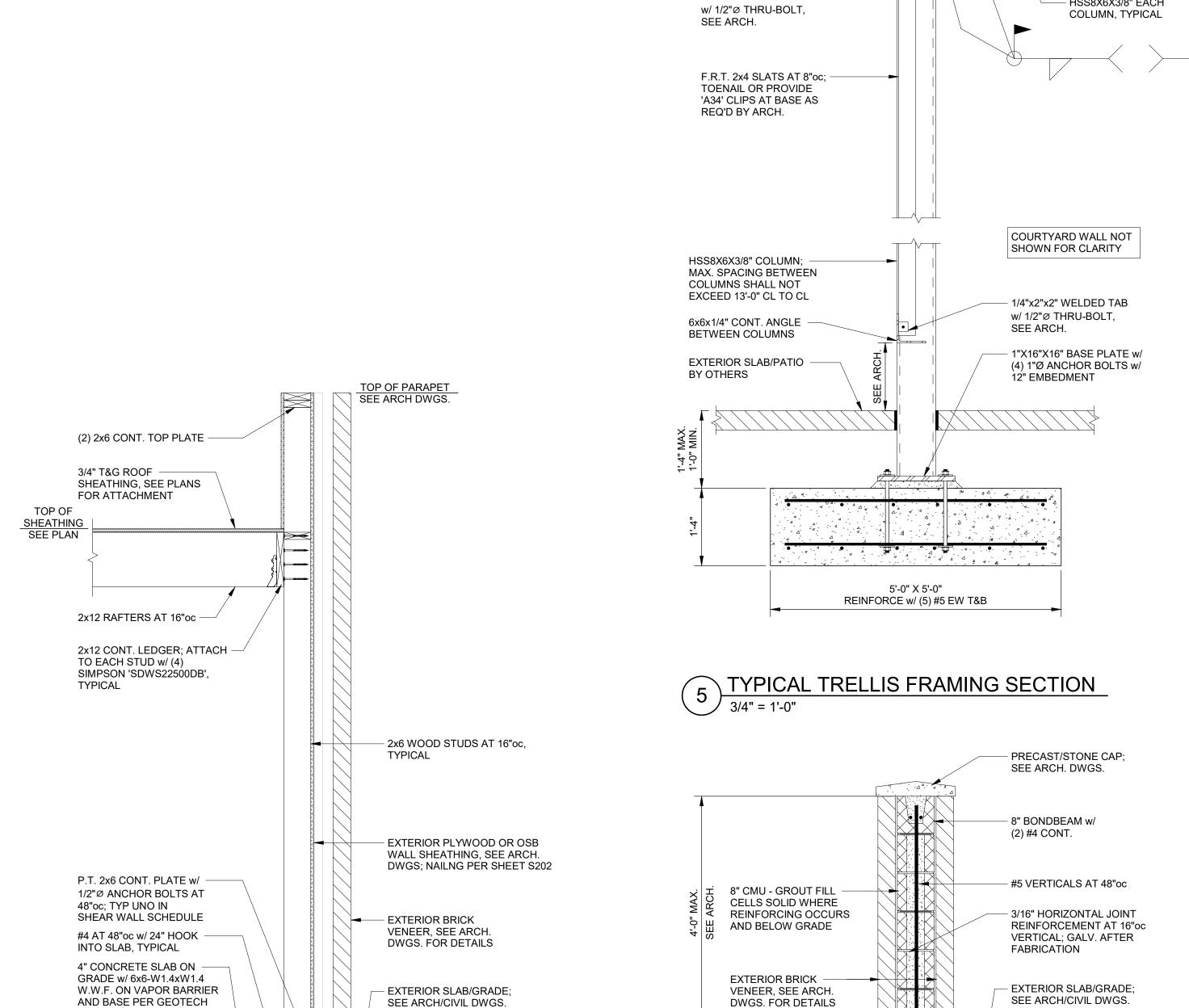
08.26.2024 99% Review Set

Project Number: 23112 Phase: 08.26.2024 Drawn By:

Checked By: VDC 

FLOOR FRAMING SECTIONS





SEE ARCH/CIVIL DWGS.

+ GROUT FILL VOID BELOW

GRADE, TYPICAL

(1) #4 CONT. NOSING BAR

11" NOM. 11"

2'-6"

6 POOL STORAGE WALL SECTION

#4 TRANSVERSE

AT 24"oc

(3) #4 CONT.

FRAME IS DESIGNED AS

OPEN AIR STRUCTURE,

SLATS TO REMAIN

HSS8X4X3/8" BEAM

BETWEEN COLUMNS

6x6x1/4" CONT. ANGLE

NOTCH 2x FOR LIGHTING — AS REQ'D, SEE ARCH.

1/4"x2"x2" WELDED TAB -

DWGS. FOR DETAILS

#5 TRANSVERSE

(4) #5 CONT. BARS —

EQUAL NOM. EQUAL

3'-0"

TRELLIS COURTYARD SITE WALL SECTION

AT 16"oc

BETWEEN COLUMNS

UNCOVERED

CONT. F.R.T 2x4 LEDGER;
 ATTACH TO TUBE w/ HILTI

F.R.T. 2x4 SLATS AT 8"oc; —

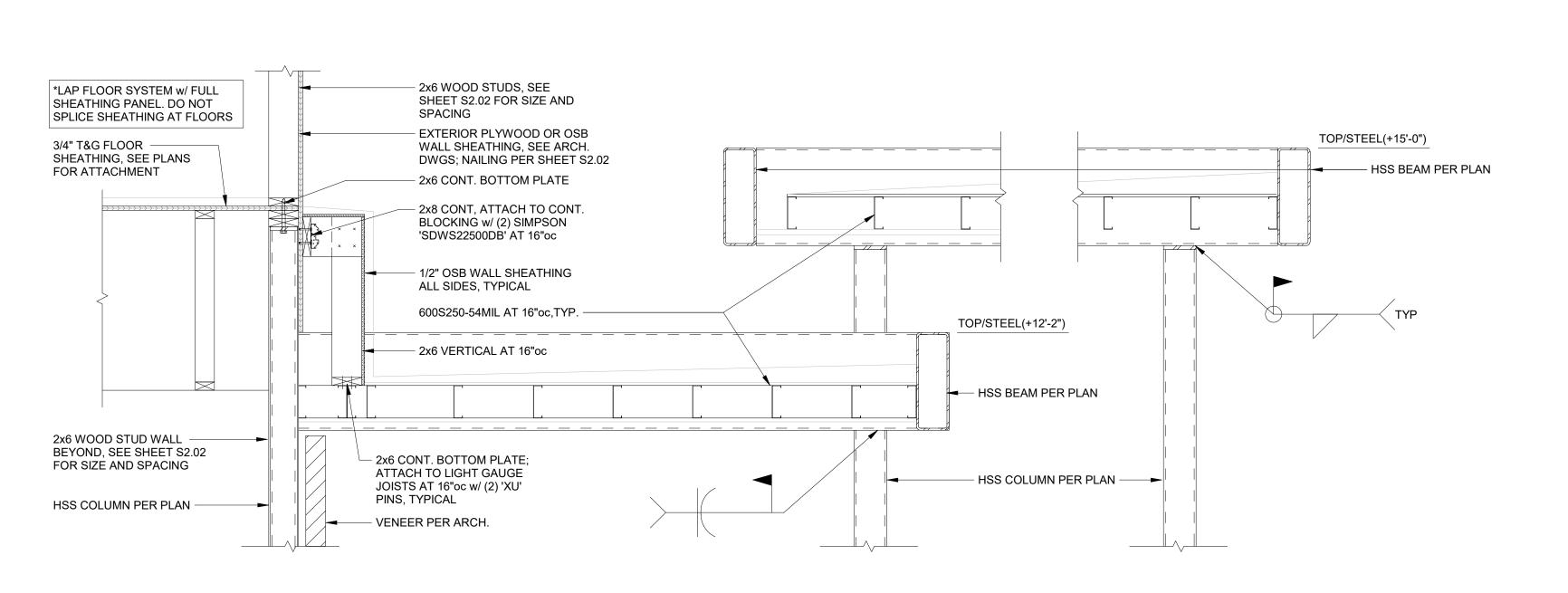
TOENAIL TO LEDGER OR USING 'U24' AS REQ'D

- HSS8X6X3/8" EACH

'XU' PINS AT 16"oc

7'-2"

BY ARCH.



\ PORTE COCHERE FRAMING SECTION

± 125 Rhett St. じ Suite 101 Greenville, SC 29601 # Phone: 864.451.5288 Fax: 864.990.3085 www.cor3design.com STRUCTURAL
Taylor & Viola Structural Engineers Hickory, NC 28602 b <u>PLUMBING</u> LWI CONSULTING ENGINEERS ≤ 870 Cleveland St, STE 1D Greenville, SC 29601 **MECHANICAL** LWI CONSULTING ENGINEERS 署 870 Cleveland St, STE 1D ☐ Greenville, SC 29601 **ELECTRICAL** Matrix Engineering, INC 912 S Pine Street Spartanburg, SC 29302

Consultants:

PO Box 2616

864.271.6535

864.271.6535

864.583.6274

Project Title:

Client Logo:

828.328.6331

ARCHITECTURE

FOR REVIEW ONLY

475 HOSPITALITY BLVD, GREENWOOD, SC 29649

NOT FOR CONSTRUCTION

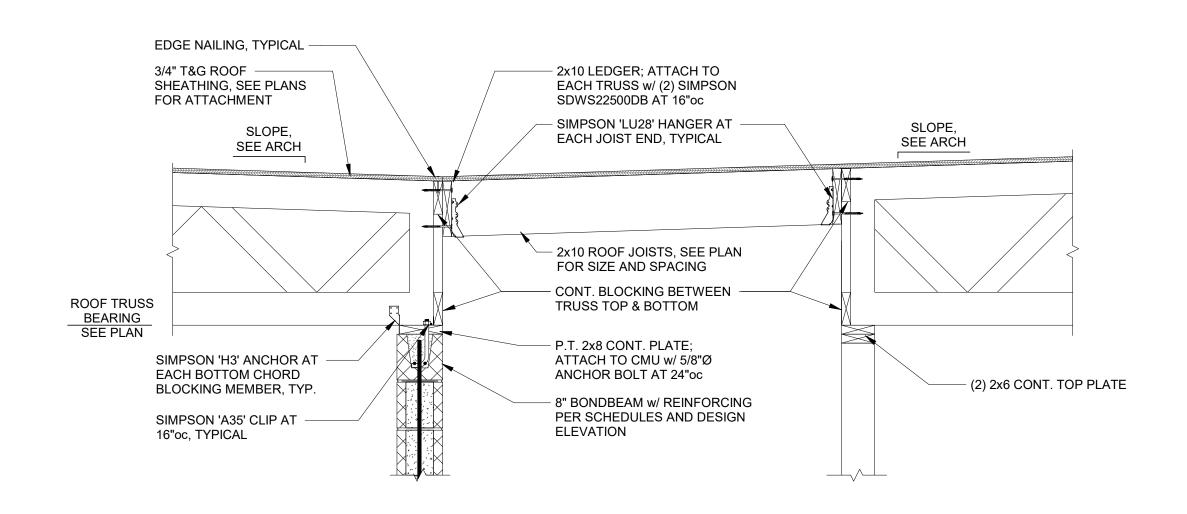
Revisions: 08.26.2024 99% Review Set

Project Number: 23112 Phase:

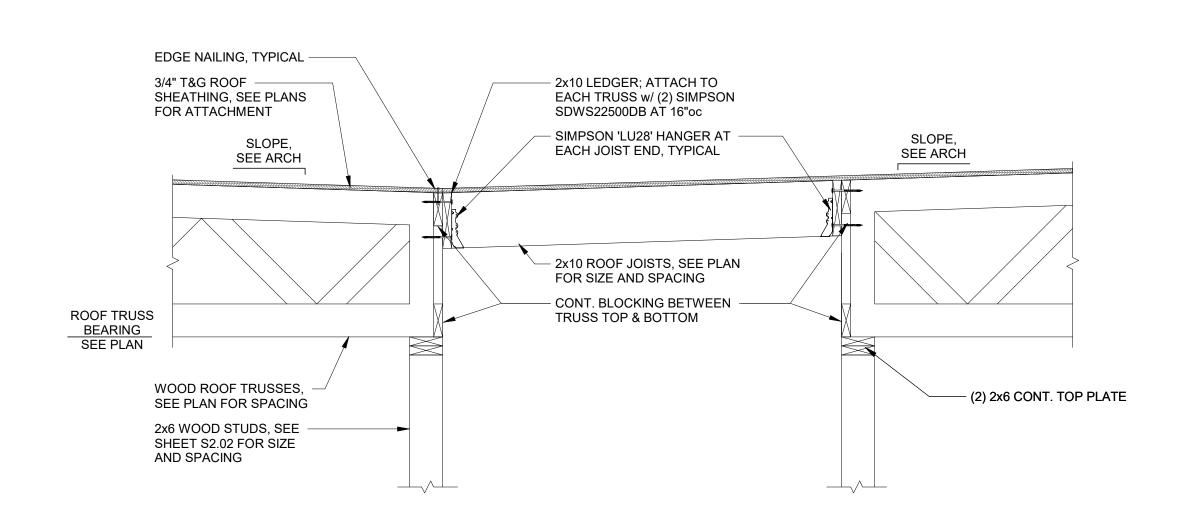
08.26.2024 Drawn By: Checked By: VDC

FLOOR FRAMING SECTIONS

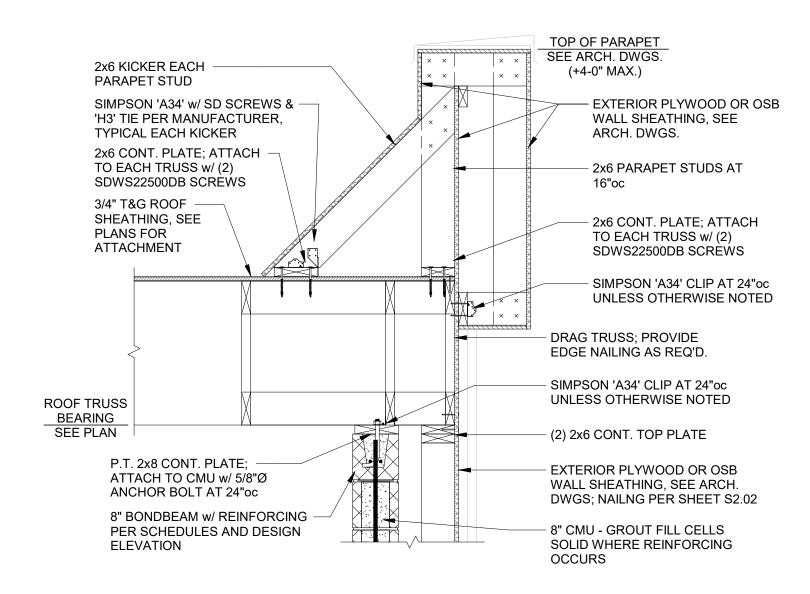




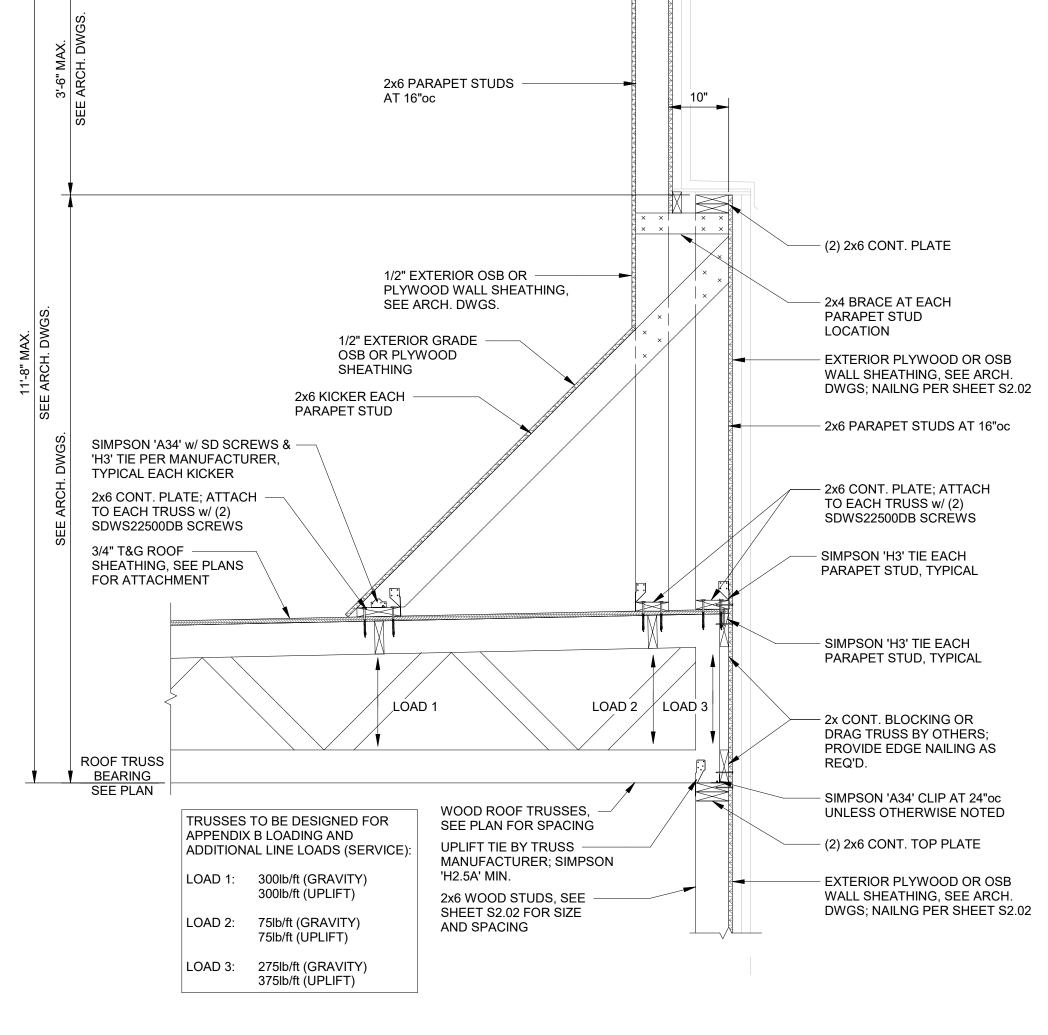
## 8 ROOF FRAMING SECTION



### 7 ROOF FRAMING SECTION



6 ROOF FRAMING SECTION
3/4" = 1'-0"

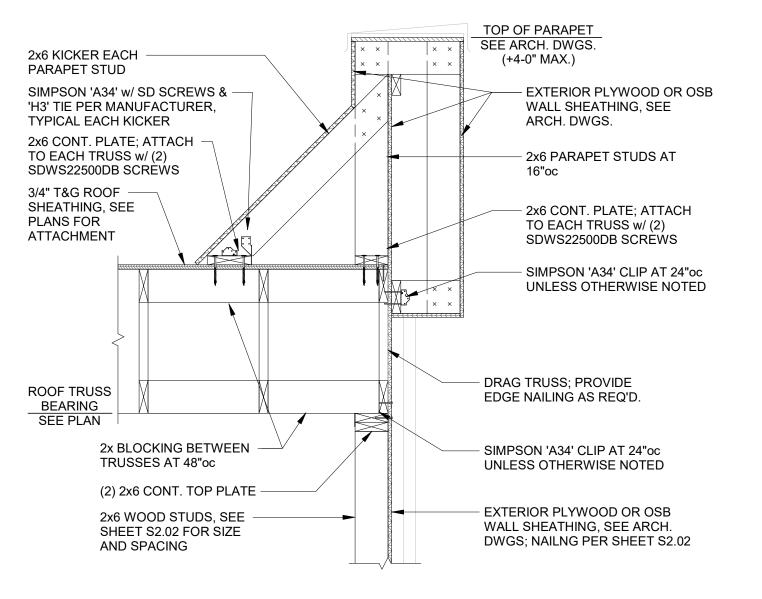


(2) 2x6 CONT. PLATE -

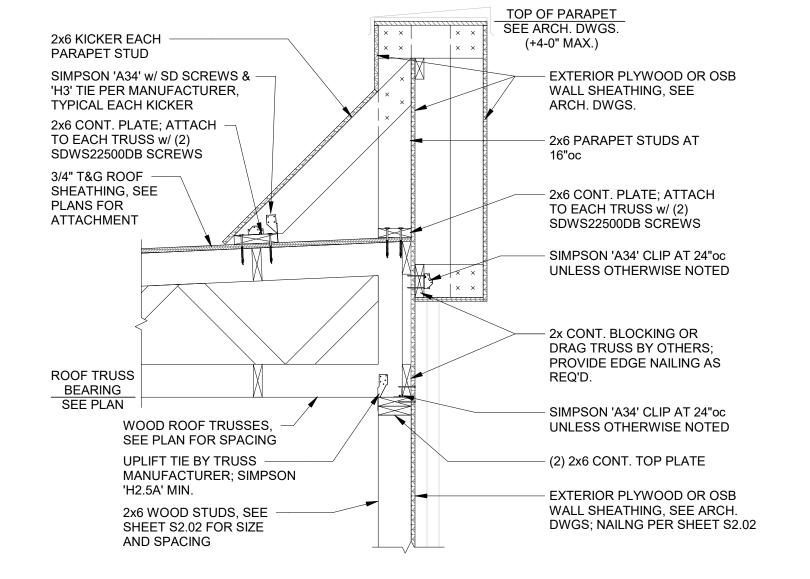
TOP OF PARAPET SEE ARCH. DWGS.

(+11'-8" MAX.)

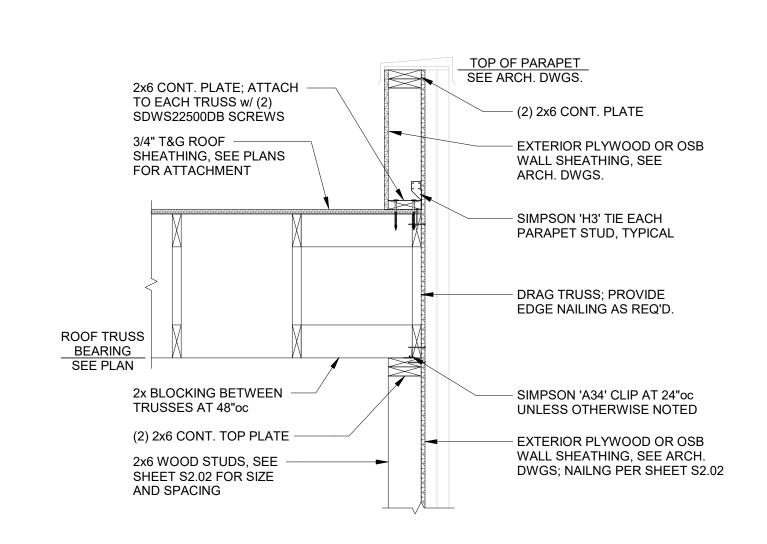
# 5 ROOF FRAMING SECTION 3/4" = 1'-0"



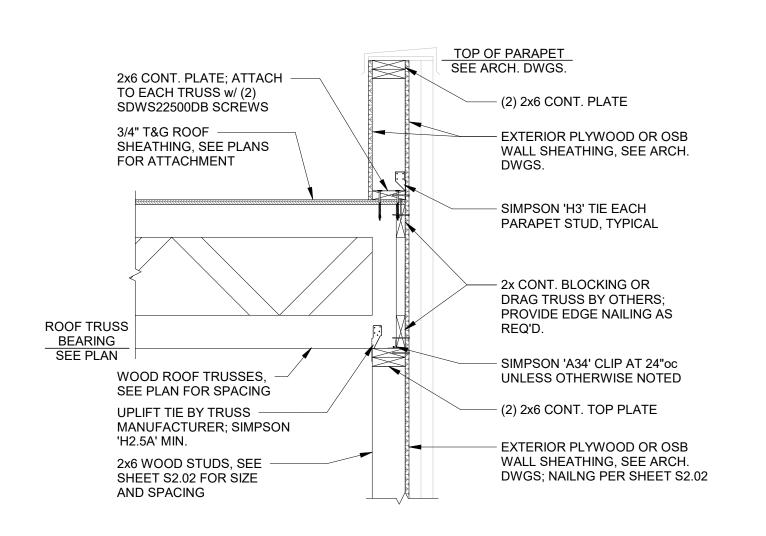
4 ROOF FRAMING SECTION
3/4" = 1'-0"



### ROOF FRAMING SECTION



# ROOF FRAMING SECTION 3/4" = 1'-0"



1 ROOF FRAMING SECTION
3/4" = 1'-0"

COR3 Design IIC

COR3 Design, LLC
Commercial, Office, Retail, Restaurant, Real Estate Develo

E 125 Rhett St.

Suite 101

Greenville, SC 29601

Phone: 864.451.5288

Fax: 864.990.3085 www.cor3design.com

Consultants:

STRUCTURAL

Taylor & Viola Structural Engineers

PO Box 2616
Hickory, NC 28602
PLUMBING

PLUIVIBING

LWI CONSULTING ENGINEERS

870 Cleveland St, STE 1D

Greenville, SC 29601

864.271.6535

MECHANICAL
LWI CONSULTING ENGINEERS
870 Cleveland St, STE 1D
Greenville, SC 29601

864.271.6535

ELECTRICAL

Matrix Engineering, INC
912 S Pine Street
Spartanburg, SC 29302

864.583.6274

Project Title:

HOME 2 SUITES

GREENIWOOD SC

REENWOOD, SC 475 HOSPITALITY BLVD, GREENWOOD, SC 29649

Client Logo:

FOR REVIEW ONLY

CONSTRUCTION

08.26.2024 99% Review Set

Project Number: 23112

Phase: CD

Date: 08.26.2024

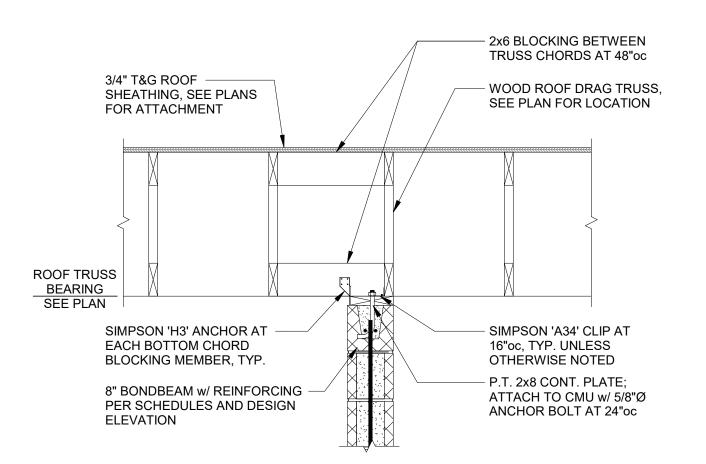
Drawn By: REB

Checked By: VDC

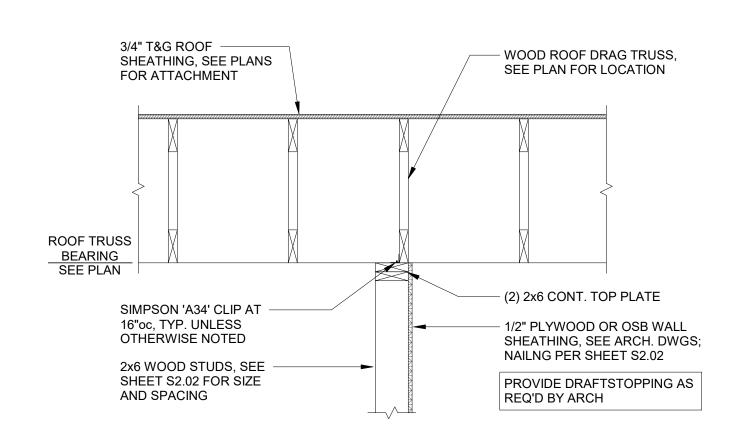
Sheet Number:

Sheet Title:
ROOF FRAMING SECTIONS

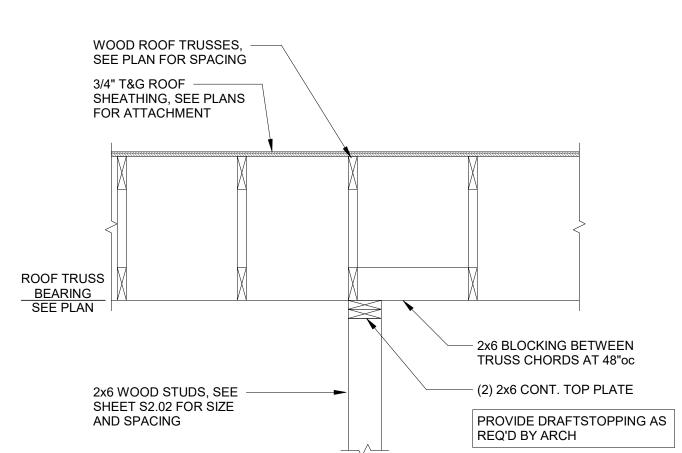




# $3 \frac{\text{ROOF FRAMING SECTION}}{3/4" = 1'-0"}$



# 2 ROOF FRAMING SECTION 3/4" = 1'-0"



ROOF FRAMING SECTION

— 2x12 CONT.

**ELEVATION** 

- 8" BONDBEAM w/ REINFORCING

PER SCHEDULES AND DESIGN

- (2) 2x8 CONT.; ATTACH TO CMU

BOLTS AT 16"oc w/ HILTI "HY-270" &

6" MIN. EMBED, STAGGER 2 ROWS

ROOF TRUSS

BEARING SEE PLAN

ÚŚING 5/8"Ø DRILL & EPOXY

– WOOD ROOF TRUSSES, SEE PLAN FOR SPACING

\_\_\_\_

2x12 JOISTS AT 16"oc —

8" CMU - GROUT FILL CELLS — SOLID WHERE REINFORCING

STEEL LINTEL, SEE PLAN

OCCURS

FOR SIZE

8" BONDBEAM w/ REINFORCING PER SCHEDULES AND DESIGN

VERTICAL REINFORCING PER
 SCHEDULES AND DESIGN

**ELEVATION** 

**ELEVATIONS** 

FOR ATTACHMENT

HOIST BEAM,

SEE PLAN

TOP OF ELEV. CAP SEE ARCH.

P.T. 2x8 CONT. PLATE; ATTACH —

TO CMU w/ 1/2"Ø ANCHOR BOLT AT 32"oc, TYPICAL

SHEATHING, SEE PLANS

WOOD ROOF TRUSSES, -SEE PLAN FOR SPACING

(2) 2x8 CONT.; ATTACH TO -

CMU USING 5/8"Ø DRILL &

EPOXY BOLTS AT 16"oc w/

EMBED, STAGGER 2 ROWS

HILTI "HY-270" & 6" MIN.

4 ROOF FRAMING SECTION
3/4" = 1'-0"

3/4" T&G ROOF ——

FOR ATTACHMENT

ROOF TRUSS

BEARING SEE PLAN

ARCHITECTURE

≤ 125 Rhett St.

じ Suite 101 E Phone: 864.451.5288 Fax: 864.990.3085

www.cor3design.com

Consultants: STRUCTURAL
Taylor & Viola Structural Engineers PO Box 2616

Hickory, NC 28602 828.328.6331 b PLUMBING

LWI CONSULTING ENGINEERS S70 Cleveland St, STE 1D Greenville, SC 29601 864.271.6535

<u>MECHANICAL</u> LWI CONSULTING ENGINEERS 里 870 Cleveland St, STE 1D ☐ Greenville, SC 29601 864.271.6535

**ELECTRICAL** Matrix Engineering, INC 912 S Pine Street Spartanburg, SC 29302 864.583.6274

475 HOSPITALITY BLVD, GREENWOOD, SC 29649

Client Logo:

Seals:

FOR REVIEW ONLY

NOT FOR CONSTRUCTION

Revisions: 08.26.2024 99% Review Set

Project Number: 23112

Phase: 08.26.2024 Drawn By: Checked By: VDC

ROOF FRAMING SECTIONS