1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE FOLLOWING 1. APPLICABLE CODES, SPECIFICATIONS, STANDARDS, AND GUIDELINES (LATEST EDITION):

-INTERNATIONAL BUILDING CODE (IBC)

-NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) -INTERNATIONAL MECHANICAL AND PLUMBING CODES

-CITY, COUNTY, UTILITY PROVIDER, AND CLIENT REQ'TS/REGULATIONS —AF&PA NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS)

-AISC MANUAL OF STEEL CONSTRUCTION (AISC) SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS (AISC 360) -CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES (AISC) -CODE FOR WELDING IN BUILDING CONSTRUCTION (AWS D1.1)

-AISI COLD-FORMED STEEL DESIGN MANUAL AND SPECIFICATIONS -STEEL STUD MANUFACTURERS ASSOCIATION (SSMA) PRODUCT TECHNICAL INFORMATION AND STANDARD DETAILS

-AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM) -OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) -STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE (ACI-301)

-DETAILS AND DETAILING OF CONCRETE REINFORCEMENT (ACI-315)

-CONCRETE REINFORCING STEEL INSTITUTE (CRSI) -BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI-318) -SPECIFICATION FOR TOLERANCES OF CONCRETE CONSTRUCTION AND MATERIALS (ACI-117)

-ENVIRONMENTAL STRUCTURES: CODE REQUIREMENTS (ACI-350)

-BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI-530) -BRICK INDUSTRY ASSOCIATION (BIA) AND NATIONAL CONCRETE MASONRY

ASSOCIATION (NCMA) TECHNICAL NOTES STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND

MATERIAL SPECIFICATIONS (ODOT) OR WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS: ROADS AND BRIDGES (WVDOH)

-NATIONAL ELECTRICAL CODE (NEC)

-INTERNATIONAL MECHANICAL CODE (IMC) -INTERNATIONAL PLUMBING CODE (IPC)

-AMERICANS WITH DISABILITIES ACT (ADA)

-AIA GUIDELINES FOR DESIGN AND CONSTRUCTION OF HEALTH CARE FACILITIES -APPLICABLE FACTORY MUTUAL DATA SHEETS (E.G. NOS. XXX. XXX. ETC.) 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL 4. ALL EXISTING MASONRY REMOVED AND/OR DAMAGED DURING LINTEL

EXISTING CONDITIONS AND EXISTING DIMENSIONS PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION OR ANY NEW CONSTRUCTION. DISCREPANCIES/CONFLICTS BETWEEN THE PLANS AND VARIOUS CODES STANDARDS, SPECIFICATIONS, ETC. SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR REMEDIATION. ANY CONFLICTS BETWEEN THE DRAWINGS K. AND SPECIFICATIONS/DOES SHALL BE BROUGHT TO THE ATTENTION OF THE

ENGINEER FOR REMEDIATION. PROJECT SPECIFICATIONS SHALL SUPPLEMENT AND AMEND THE GOVERNING/REFERENCED SPECIFICATIONS. THE MORE STRINGENT OF CONFLICTING PROJECT SPECIFIC NOTES/SPECIFICATIONS SHALL APPLY.

5. ALL ADJACENT STRUCTURES AND UTILITY SERVICES SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. ALL EXISTING FEATURES (E.G. CURBS, TREES, BUSHES, PAVING, ETC.) DAMAGED BY CONSTRUCTION SHALL BE RESTORED TO A CONDITION BETTER THAN OR EQUAL TO THE 2. PRE-CONSTRUCTION CONDITION AND SATISFACTORY TO THE OWNER AND ENGINEER.

6. ALL PHASES OF WORK ARE SUBJECT TO INSPECTION, TESTING AND ACCEPTANCE BY THE ENGINEER OR OWNER.

ALL CONSTRUCTION WORK RELATED TO THESE DRAWINGS SHALL BE PROPERLY COORDINATED/STAGED WITH THE OWNER AND OTHER CONTRACTORS THAT MAY BE INVOLVED WITH THE PROJECT.

8. THE STRUCTURE IS DESIGNED TO BE SELF-STANDING AND STABLE AFTER  $^{3}$ . CONSTRUCTION IS FULLY COMPLETED. STRUCTURAL DEMOLITION AND ERECTION PROCEDURES/SEQUENCE (E.G. CONSTRUCTION MEANS AND METHODS) SHALL BE DETERMINED/DESIGNED (BY CONTRACTOR) TO ENSURE THE SAFETY OF THE STRUCTURE, ITS COMPONENT PARTS, ITS OCCUPANTS, THE PUBLIC, AND ALL WORKERS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, TIE-DOWNS, 4. UNLESS NOTED OTHERWISE, ALL ANCHOR BOLTS, INCLUDING ASSOCIATED TEMPORARY BARRICADES, TEMPORARY FENCING, TEMPORARY SIGNAGE, ETC. SUCH MATERIALS SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER 5. UNLESS NOTED OTHERWISE, CONCRETE SURFACES SHALL BE LEVEL AND COMPLETION OF THE PROJECT. SAFETY PRACTICES SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF GOVERNING AUTHORITIES HAVING JURISDICTION (LOCAL, STATE, AND FEDERAL) AND OTHER RECOGNIZED STANDARDS (E.G. OSHA 1926, ANSI A10.34, ETC.). CONSTRUCTION LOADS SHALL IN NO WAY EXCEED THE NOTED DESIGN LOADS.

9. ALL WORK MUST MEET THE OWNER'S AND ENGINEER'S APPROVAL 10. ALL WORK SHALL BE SCHEDULED AND COORDINATED INTO APPROPRIATE PHASES ACCORDING TO THE BUILDING CONSTRUCTION AND AS DIRECTED BY

11. ALL WORK SHALL BE FULLY COORDINATED WITH AND SUPPORTIVE OF OTHER DISCIPLINE DRAWINGS.

1. ALL OUTSTANDING FEDERAL, STATE, AND LOCAL PERMITS ASSOCIATED WITH THE PROJECT SHALL BE OBTAINED.

2. PROPER PERMIT DOCUMENTATION SHALL BE KEPT ON SITE AT ALL TIMES AND ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RESPECTIVE PERMITS. 7. ALL CONCRETE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ACI 301 ALL PERMIT CONDITIONS SHALL BE PROPERLY COMPLETED (E.G. INSPECTION SCHEDULING).

INSPECTIONS, SAMPLING, AND TESTING ALL EXECUTION, INSPECTIONS, SAMPLING, AND TESTING OF WORK ITEMS 9.2. CLEAR COVER AT LEAST 1 X BAR Ø. INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: EXCAVATION, EMBANKMENT, SOIL COMPACTION, SUBGRADE PREPARATION, 9.4. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" OF BACKFILL, AGGREGATE BASE, CONCRETE, ASPHALT, MASONRY, CONNECTIONS, ETC. SHALL BE (AS DIRECTED BY OWNER AND/OR INDICATED IN THE PROJECT 10. REBAR CLASS A TENSION LAP SPLICE LENGTHS SHALL BE AS FOLLOWS: DOCUMENTS) IN ACCORDANCE WITH THE WVDOH, PROJECT SOILS REPORT, MANUFACTURER SPECIFICATIONS, ACI (301, 318, 350, ETC.), THE PROJECT DOCUMENTS. AND AUTHORITIES HAVING JURISDICTION REQUIREMENTS/DIRECTIVES (E.G. ICC). INSPECTION, SAMPLING, AND TESTING SHALL BE PERFORMED BY AN INDEPENDENT, CERTIFIED TESTING AGENCY APPROVED BY THE OWNER AND EMPLOYED BY THE CONTRACTOR. ALL RESULTS SHALL BE PROMPTLY REPORTED TO THE ENGINEER. THE OWNER, AT HIS EXPENSE, MAY ALSO RETAIN A QUALIFIED PROFESSIONAL TO PERFORM INDEPENDENT QUALITY CONTROL/ASSURANCE CHECKS ON THE CONTRACTOR'S WORK. WHERE QC/QA REQUIREMENT CONFLICTS EXIST, EITHER PROJECT DOCUMENT REQUIREMENTS OR THE MOST STRINGENT SHALL RULE. WHERE ODOT SPECIFICATIONS APPLY, THE CONTRACTOR SHALL PERFORM DUTIES ASCRIBED TO THE "CONTRACTOR" WITH THE OWNER RESERVING THE OPTION

SUFFICIENT ACCESS AND ASSISTANCE SHALL BE PROVIDED TO SPECIAL INSPECTORS EMPLOYED BY THE OWNER AS REQUIRED BY THE LOCAL BUILDING OFFICIAL(S).

TO PERFORM DUTIES SIMILAR OR DIFFERENT TO THOSE ASCRIBED TO THE

THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF EXISTING UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. FIELD VERIFY ALL EXISTING UTILITIES WITHIN THE WORK AREA. EXTREME CARE SHALL BE TAKEN TO AVOID DAMAGE TO EXISTING UTILITIES INCLUDING, BUT NOT LIMITED TO, PROVIDING PROTECTIVE MEASURES DURING CONSTRUCTION. CORRECTION OF ANY DAMAGE TO UTILITIES SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.

2. ALL UTILITY OWNERS SHALL BE NOTIFIED PRIOR TO CONSTRUCTION. 3. IF A UTILITY CONFLICT IS ENCOUNTERED, CONSTRUCTION SHALL CEASE AND THE ENGINEER IMMEDIATELY NOTIFIED CONCERNING THE CONFLICT. UTILITY DEPTHS THAT COULD POSE CONFLICTS WITH CONSTRUCTION SHALL BE FIELD LOCATED PRIOR TO COMMENCEMENT OF CONSTRUCTION. DEPTHS SHALL BE RECORDED AND SUBMITTED TO THE ENGINEER FOR POSSIBLE RELOCATION/MODIFICATION DETERMINATION. ALL WORK ASSOCIATED WITH RELOCATION/MODIFICATION OF QUESTIONABLE UTILITIES (I.E. NOT INDICATED IN THE PROJECT DOCUMENTS) SHALL BE AS DIRECTED BY THE OWNER (CHANGE ORDER AT TIME OF CONSTRUCTION). ALL ACTIVITIES, TIMING, AND DURATION OF UTILITY WORK SHALL BE COORDINATED WITH THE OWNER AND THE UTILITY PROVIDER INVOLVED.

THE OWNER SHALL BE CONSULTED CONCERNING DISPOSAL OF DEMOLISHED MATERIALS. THE OWNER SHALL HAVE THE RIGHT TO RETAIN OWNERSHIP OR RELINQUISH IT TO THE CONTRACTOR. MATERIAL THAT BECOMES THE PROPERTY OF THE CONTRACTOR SHALL BE PROPERLY DISPOSED AT OFF-SITE LOCATION(S) IN ACCORDANCE WITH THE AUTHORITIES HAVING JURISDICTION. 2. ALL CONCRETE AND MASONRY DESIGNATED TO BE REMOVED SHALL BE CUT USING A CONCRETE/MASONRY SAW OR OTHER APPROVED METHOD. DAMAGED PORTIONS OF CONCRETE/MASONRY TO REMAIN SHALL BE REPAIRED

IN ORDER TO UTILIZE RUNNING BOND ARCH ACTION, MASONRY DEMOLITION SHALL FOLLOW A STAIR-STEP PATTERN FROM FLOOR TO CEILING STARTING AT THE COURSE AT EACH EDGE OF THE OPENING WHICH WILL RESULT IN A MEETING AT THE HEAD COURSE WHERE ONE PLUS TWO HALVES OR LESS UNITS REMAIN (CENTERED ABOUT OPENING). SHORING SHALL THEN BE PROVIDED AT THE HEAD AND/OR THE FLOOR STRUCTURE WHILE THE REMAINING MASONRY BELOW THE "ARCH" IS REMOVED COURSE BY COURSE FROM TOP TO BOTTOM. LINTEL BEARINGS SHALL THEN BE CREATED IN MANNER SIMILAR TO THE INITIAL DEMOLITION, THE LINTEL INSTALLED, AND THE SHORING REMOVED.

INSTALLATION SHALL BE REPLACED TO PRE-CONSTRUCTION CONDITIONS OR BETTER.

ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301, 304, 117, 315, AND 318 AND HAVE A 28 DAY STRENGTH OF 4000 PSI, AIR-ENTRAINMENT OF 5% ±1 1/2%, AND A MAXIMUM W/C RATIO OF 0.45. CONSTRUCTION SHALL ALSO BE IN ACCORDANCE WITH ACI 306 WHEN REQUIRED BY COLD WEATHER AND ACI 305 WHEN REQUIRED BY HOT WEATHER. SLUMP SHALL BE AS FOLLOWS:

-MASONRY GROUT - 11" TO 8" -SLABS, WALLS, BEAMS, AND COLUMNS - 4" TO 1" WHERE SPECIFIED, CONCRETE MIX SHALL BE A LOW PERMEABLE MIX DESIGNED FOR WATER—TIGHT CONCRETE PER ACI 350. THE MIX SHALL HAVE A LOW W/C AND HIGH AIR CONTENT WITH EXTENDED PERIODS OF MOIST CURING. INTERIOR CONCRETE FLOOR SLABS AND OTHER CONCRETE NOT EXPOSED TO FREEZING AND THAWING OR DEICING CHEMICALS DO NOT REQUIRE AIR-ENTRAINMENT. CONCRETE FLOOR AND SLAB CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 360 AND 302. UNLESS NOTED OTHERWISE, TYPE I PORTLAND CEMENT

SHALL BE USED. ADMIXTURES SHALL NOT INCLUDE ANY CHLORIDES. READY—MIXED CONCRETE SHALL BE MEASURED, BATCHED, MIXED, AND DELIVERED IN ACCORDANCE WITH ASTM C94. ANY WATER ADDED AFTER BATCHING SHALL BE FULLY RECORDED AND DONE SO IN ACCORDANCE WITH ADMIXTURES. MAXIMUM SLUMP AFTER THE ADDITION OF ADMIXTURES SHALL BE

HARDWARE, SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-153. SMOOTH WITH A 3/4" CHAMFER AT EXPOSED EDGES. ALL CONCRETE SHALL AN APPROVED MEMBRANE CURING COMPOUND. CONCRETE TEMPERATURE AFTER 7 DAYS.

6. GROUT SHALL BE "FIVE-STAR" NON-SHRINK, NON-METALLIC (MIN. 28 DAY STRENGTH = 8000 PSI MEETING ALL REQUIREMENTS OF ASTM C1107) AS 9. LUMBER: AS REQUIRED BY THE FRAMING MANUFACTURER. MANUFACTURED BY "FIVE STAR PRODUCTS, INC.", FAIRFIELD, CT., OR APPROVED EQUAL, AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. SURFACE RECEIVING GROUT SHALL BE SUFFIECIENTLY BRUSHED TO ENHANCE BONDING. AIR VENTS MAY BE REQUIRED IN PLATES TO MINIMIZE AIR POCKETING DURING INSTALLATION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF PROPER LEVELING/INSTALLATION IS NOT POSSIBLE DUE TO THE PROPOSED GROUT THICKNESS. WHERE GROUT THICKNESS IS GREATER THAN 3", THE GROUT MIX SHALL INCLUDE 3/8" PEA

GRAVEL (45% BY WEIGHT). AND ACI 318.

8. ALL WWR SHALL BE LAPPED 12" MINIMUM. 9. REBAR TENSION LAP SPLICES NOTED BELOW ASSUME THE FOLLOWING: 9.1. CLEAR SPACING OF BARS BEING LAPPED NOT LESS THAN 2 X BAR Ø.

9.3. CONCRETE f'c IS 4,000 PSI OR GREATER.

FINISH CONCRETE CAST BELOW.

TOP BARS OTHER BARS 15" #3 BARS 19" 25" 19" #4 BARS #5 BARS 31" 24" #6 BARS 37" 29" #7 BARS 54" #8 BARS

SUBMIT MIX DESIGN AND SAMPLE STRENGTH TEST RESULTS TO ENGINEER FOR REVIEW AND APPROVAL. SUBMIT SEPARATE MIX DESIGN FOR NON AIR-ENTRAINED CONCRETE

12. ALL CONCRETE PLACEMENT SHALL BE THOROUGHLY CONSOLIDATED BY TAMPING, SPACING, OR VIBRATING TO ELIMINATE VOIDS AND TO ENSURE ENCASEMENT OF REINFORCING AND CONTACT WITH FORM FACES. CONCRETE PLACEMENT SHALL BE IN ACCORDANCE WITH ACI 304. POURS SHALL BE FREE OF COLD JOINTS UNLESS SPECIFICALLY SHOWN OTHERWISE ON DRAWINGS OR APPROVED PRIOR TO POUR.

CLAY MASONRY UNITS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-62 WITH A MINIMUM f'm=1500 PSI WITH FULL MORTAR BEDDING. GROUT FOR CMU CORES SHALL MEET THE REQUIREMENTS OF ASTM C-476. COMPRESSIVE STRENGTH OF GROUT SHALL NOT BE LESS THAN I'M OR 2,000

MASONRY MORTAR SHALL CONFORM TO ASTM C-270 AND BE AS FOLLOWS: -TYPE M FOR STRUCTURAL MASONRY, FROST RESISTANCE, MASONRY WORK BELOW GRADE, AND MASONRY IN CONTACT WITH EARTH

-TYPE S FOR REINFORCED MASONRY, STRUCTURAL MASONRY, FROST RESISTANCE, AND MASONRY WORK BELOW GRADE -TYPE N FOR ABOVE GRADE MASONRY WALLS AND PARTITIONS

-TYPE O FOR NON-LOAD BEARING MASONRY AND SOLID MASONRY MORTAR/BRICK TO BE USED FOR REPOINTING PURPOSES OR IN SELECTIVE

RECONSTRUCTION SHALL BE APPROVED BY THE ENGINEER. 4. UNLESS NOTED OTHERWISE, ALL MASONRY SHALL BE CONSTRUCTED IN RUNNING BOND.

BRICKS SHALL HAVE AN APPROPRIATE MOISTURE CONTENT DURING LAYING. 6. UNLESS NOTED OTHERWISE, THE FOLLOWING SHALL BE PROVIDED AT BRICK VENEER: TWO PIECE ANCHORS AT 16" O.C. VERTICAL AND 24" O.C HORIZONTAL WITH ADDITIONAL ADJUSTABLE WALL TIES AT PANEL PERIMETERS, FLASHING AND WEEP HOLES. ADDITIONAL ANCHORS AT 24" O.C. AT BASE AND OPENING LINTELS AND SILLS, AND VENTS AT TOP OF WALL SHALL ALSO BE PROVIDED.

STRUCTURAL LUMBER

LUMBER: UNLESS NOTED OTHERWISE, INTERIOR BEAMS, HEADERS, JOISTS, AND

RAFTERS SHALL BE SPRUCE-PINE-FIR NO. 2 OR HEM-FIR NO. 2. UNLESS NOTED OTHERWISE, 2X4 OR 2X6 STUDS SHALL BE SPRUCE-PINE-FIR "STUD" GRADE AND MEMBERS 2X8 OR LARGER SHALL BE SOUTHERN-YELLOW-PINE NO. 1

EXTERIOR PRESERVATIVE TREATED BEAMS, JOISTS, AND POSTS SHALL BE SOUTHERN-YELLOW-PINE NO. 2.

1.4. ALL DESIGN VALUES PER THE LATEST EDITION OF THE AF&PA NATIONAL DESIGN SPECIFICATIONS. ANY SUBSTITUTIONS SHALL MEET MINIMUM DESIGN VALUES OF ABOVE MEMBERS.

1.5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHAPTER 23 OF THE

1.6. CONNECTORS, FASTENERS, ETC. SHALL BE OF A FINISH COMPATIBLE WITH BASE MATERIAL PROPERTIES AND INSTALLED SO AS NOT TO DAMAGE THE

MEMBER (E.G. SPLITTING) 2. DECKING AND SHEATHING (OSB OR PLYWOOD):

2.1. ROOFS: 5/8" 24/0 APA RATED EXTERIOR GRADE OSB SHEATHING WITH EXTERIOR GLUE AND ONE CLIP MIDWAY BETWEEN EACH SUPPORT EXCEPT TOW EQUALLY-SPACED CLIPS BETWEEN SUPPORTS SPACED 48" O.C.

FLOORS: 3/4" 0/16 APA RATED PLYWOOD SHEATHING WITH TONGUE-AND-GROOVE PANEL EDGES

WALLS: 1/2" APA RATED EXTERIOR GRADE OSB WITH HORIZONTAL BLOCKING AT PANEL EDGES

CONNECTIONS (UNLESS NOTED OTHERWISE): 3.1. JOISTS TO BEAMS: 16 GAGE STANDARD JOIST HANGERS

TRUSS TO WALL OR RAFTERS TO WALL: STANDARD HURRICANE ANCHORS AT EACH BEARING POINT, SIMPSON H2.5 OR EQUAL

3.3. WOOD MEMBER CONNECTIONS SHALL BE THE MOST STRINGENT OF THE FOLLOWING: DESIGN BY FRAMING MANUFACTURER, CONNECTION SHOWN ON DRAWINGS, OR IN ACCORDANCE WITH IBC TABLE 2304.9.1.

3.4. FASTENERS IN TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL IN ACCORDANCE WITH IBC 2304.9.5. 3.5. SHEAR PANEL FASTENERS SHALL BE IN ACCORDANCE WITH IBC

2305.1.2.1. 3.6. NAILING SCHEDULE: SHALL BE IN ACCORDANCE WITH IBC TABLE 2304.9.1 AS AUGMENTED BY THE PROJECT DOCUMENTS. 4. ONE LINE OF SOLID BLOCKING OR CROSS BRIDGING SHALL BE PROVIDED AT

8'-0" O.C. MAX FOR ALL FLOOR JOISTS. SOLID BLOCKING SHALL BE USED AT ALL JOISTS AND RAFTER BEARINGS. ASTM C94. INCREASED SLUMP/WORKABILITY MAY BE ABLE TO BE ATTAINED VIA 5. SOLID BLOCKING SHALL BE PROVIDED AT MID-HEIGHT FOR ALL EXTERIOR STUD WALLS AND INTERIOR BEARING PARTITIONS WHICH ARE NOT SHEATHED

EACH SIDE WITH GYPSUM BOARD OR APA-RATED SHEATHING. UNLESS NOTED OTHERWISE, SINGLE JACK STUDS SHALL BE USED UNDER BEAM AND HEADER BEARINGS FOR ROUGH OPENINGS UP TO AND INCLUDING 4'-0" AND DOUBLE JACK STUDS SHALL BE USED UNDER BEAM AND HEADER

BEARINGS FOR SPANS GREATER THAN 4'-0". BE MOIST CURED FOR A PERIOD OF SEVEN (7) DAYS OR CURED BY USE OF 7. CONTINUOUS BEAD OF GLUE SHALL BE APPLIED ON JOISTS AND GROOVE OF TONGUE AND GROOVE PANELS.

INSTALLATION SHALL BE MAINTAINED AT MINIMUM 50 DEGREES F FOR MINIMUM 8. BEFORE APPLYING FINISH FLOORING, SET NAILS 1/8" BUT DO NOT FILL. AND SAND LIGHTLY ANY SURFACE ROUGHNESS, PARTICULARLY AT JOINTS AND AROUND WALLS.

10. CONNECTIONS: ALL INTERNAL WALL, LINTEL, FRAMING, ETC. CONNECTIONS SHALL BE DESIGNED BY THE FRAMING MANUFACTURER.

11. SPECIFICATIONS AND REFERENCE STANDARDS: UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION, ERECTION

HANDLING, AND BRACING REQUIREMENTS SHALL BE GOVERNED BY THE LATEST REVISIONS OF THE NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADE LUMBER AND ITS FASTENINGS. TIMBER CONSTRUCTION STANDARDS. 12. ALL STUD WALLS, LINTELS, WOOD FRAMING, WOOD SHEAR WALLS, TRUSSES

ETC. SHALL BE DESIGNED BY THE FRAMING MANUFACTURER FOR THE LOADS LISTED IN THE DESIGN VALUES TABLE ON THIS DRAWING. WALLS SHALL BE DESIGNED TO ADEQUATELY RESIST LATERAL FORCES AND TRANSMIT ALL REACTIONS TO THE SUPPORT STRUCTURE.

14. DOUBLE STUDS SHALL BE LOCATED AT VERTICAL, UNSUPPORTED WALL EDGES.

13. ALL WOOD CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHAPTER 23 OF THE IBC.

DEAD LOAD FRAMING LUMBER SELF-WEIGHT 10.00 SHEATHING, MEMBRANE, SHINGLES, ETC COLLATERAL LOAD 5.00 LIVE LOADS\* ROOF (PSF) 20.0 GROUND SNOW LOAD - pg (PSF) 20.0 SNOW EXPOSURE CATEGORY SNOW EXPOSURE FACTOR - Ce 1.00 SNOW SNOW THERMAL FACTOR - C+ LOAD |BUILDING| CATEGORY / SNOW LOAD IMPORTANCE FACTOR (|s|) III / 1.00 |SLOPED ROOF SNOW LOAD — p (PSF) 15.4 |MINIMUM ROOF SNOW LOAD - p<sub>min</sub> (PSF) 22.00 ANALYSIS METHOD ASCE 7-10 120 BASIC WIND SPEED (MPH) WIND WIND EXPOSURE CATEGORY LOAD BUILDING CATEGORY / WIND IMPORTANCE FACTOR (Iw) / 1.00 INTERNAL PRESSURE COEFFICIENT (±GC,) +0.18 / -0.18 SEISMIC DESIGN CATEGORY SITE CLASS |BUILDING CATEGORY/SEISMIC IMPORTANCE FACTOR (le) / 1.00  $S_s = 0.109g$   $S_1 = 0.059g$ MAPPED SPECTRAL RESPONSE ACCELERATIONS EARTHQUAKE SPECTRAL RESPONSE COEFFICIENTS  $S_{DS} = 0.115g$   $S_{D1} = 0.093g$ DESIGN DATA -RESPONSE MODIFICATION FACTOR / RESPONSE COEFFICIENT  $|R = 3.00 / C_s = 0.048$ MASONRY NOT SPECIFICALLY BASIC SEISMIC-FORCE-RESISTING SYSTEM DETAILED FOR SEISMIC RESISTANCE BASE SHEAR (KIPS) EQUIV. LAT. FORCE ANALYSIS PROCEDURE LOCATED IN FLOOD-HAZARD AREA?\*\* FLOOD LOAD

BUILDING CODE DATA — DESIGN VALUES

FLOOD ELEVATION (FT)

N/A

IF APPLICABLE. SEISMIC DESIGN/REQUIREMENTS FOR ARCHITECTURAL. MECHANICAL. ELECTRICAL. ETC. COMPONENTS SHALL BE COORDINATED WITH OWNER AND PROVIDED IN ACCORDANCE WITH ASCE 7-10 AND THE AUTHORITY OR AUTHORITIES HAVING JURISDICTION.

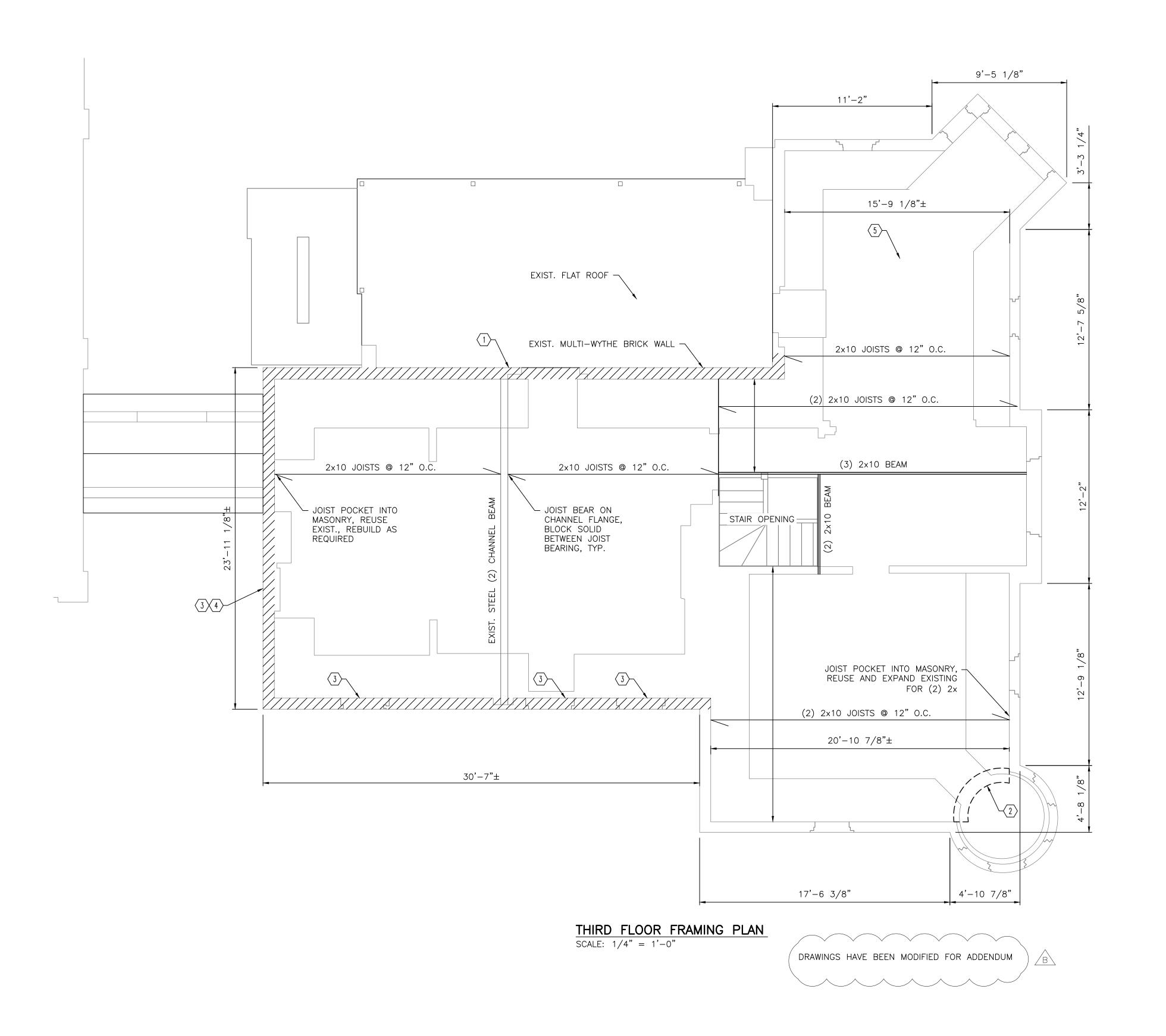
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221105 Project: Designed By: Drawn By: Checked By: Scale: AS NOTEI Plot Date: Revision:

Drawing Number:

ALL LIVE LOADS SHALL BE POSTED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE. TABULAR LIVE LOADS SHALL BE USED EXCEPT WHERE ALTERNATE/ADDITIONAL DEAD/LIVE LOADS ARE

INDICATED ON THE PLANS. BASED ON FEMA FIRM PANEL 0295E, EFFECTIVE FEBRUARY 16, 2006, PROJECT IS LOCATED WITHIN THE 100-YEAR FLOOD ZONE.



A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO CONSTRUCTION.

CODED NOTES:

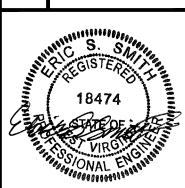
1. DEMOLISH AND REMOVE TOP SIX (6) COURSES OF DAMAGED MASONRY AT HATCHED AREAS. REPLACE MASONRY IN KIND UP TO SILL PLATE

LEVEL. REPLACE P.T. WOOD HOLDOWN AND SOLE PLATE LIKE IN KIND.

- 2. REPLACE ALL WALL/ROOF FRAMING MEMBERS AND VERTICAL
- SHEETING/FRAMING DAMAGED IN THIS AREA LIKE IN KIND.
- 3. REPLACE DAMAGED WOOD HEADER WITH PRECAST CONCRETE LINTEL AND STONE HEADER LIKE IN KIND ON 2ND FLOOR WINDOWS.

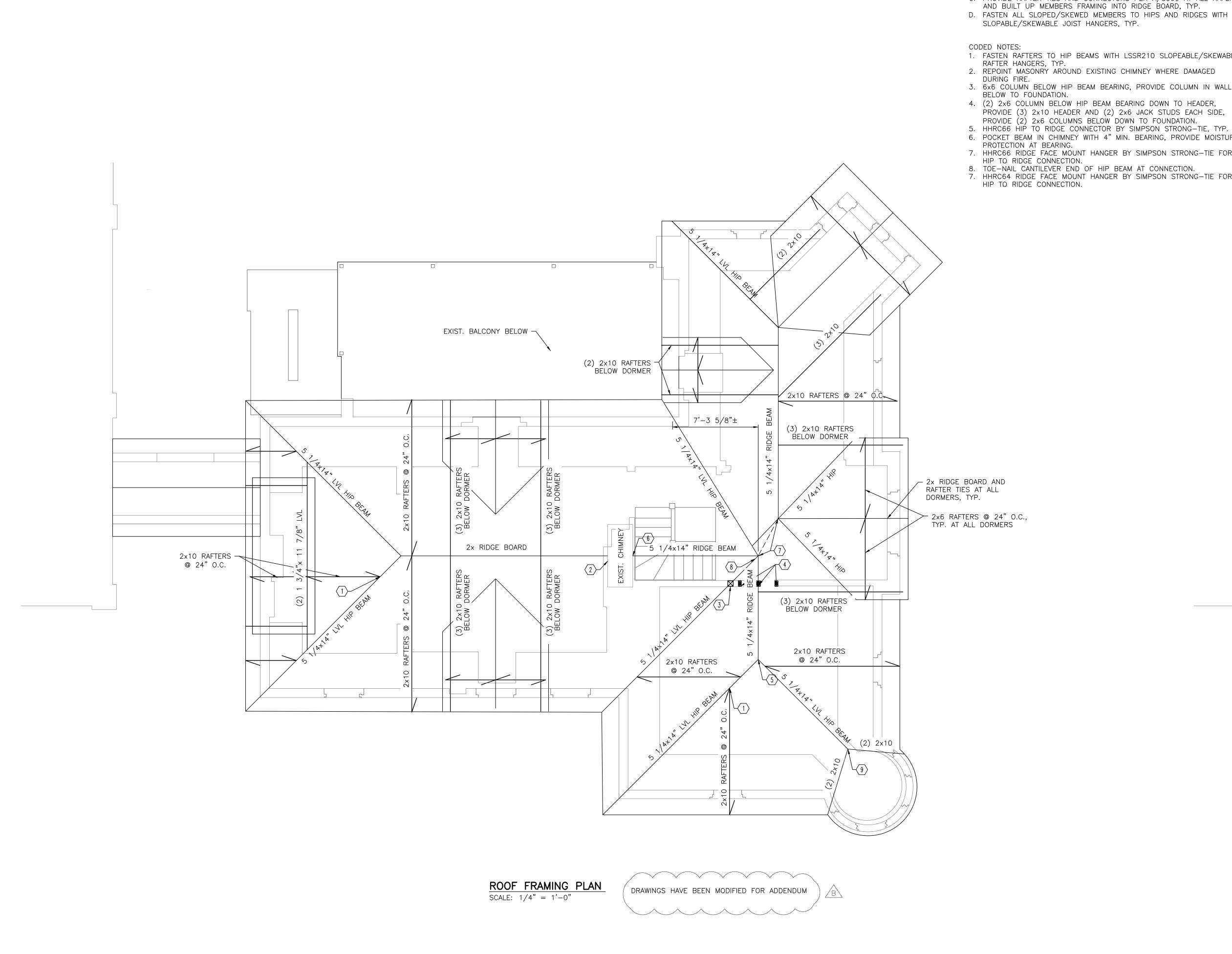
  4. REPLACE DAMAGE STONE SILL LIKE IN KIND.
- 5. UNDAMAGED, UNCHARRED FLOOR JOISTS IN THIS AREA TO REMAIN, CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS.

| Drawing DescriptionAAISSUED FOR ADDENDUM<br>ABISSUED FOR ADDENDUM<br>BSBSIN/30/21<br>BSACINTOSH HOUSE RENOVATION<br>FLOOR FRAMING PLANRev.DescriptionByDate |
|---|
| B ISSUED FOR ADDENDUM A ISSUED FOR PERMITS/CONSTRUCTION Rev. Description  |
| B A Rev.  |
|   |
| Drawing Description  CITY OF RAVENSWOOD  212 MULBERRY STREET RAVENSWOOD, WV  MCINTOSH HOUSE RENOVATION  FLOOR FRAMING PLAN                                  |
|   |



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| Project:                                  | 2211052  |
| Designed By:                              | STC      |
| Drawn By:                                 | STC      |
| Checked By:                               | ESS      |
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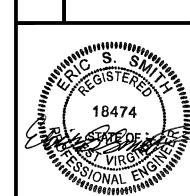
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- A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO CONSTRUCTION.
- B. ALL DAMAGED OR CHARRED WOOD MEMBERS IN ROOF OR FLOOR FRAMING SHALL BE DEMOLISHED AND REMOVED, CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
- C. PROVIDE RAFTER TIES AND CONNECTORS PER A/S500 AT ALL RAFERS AND BUILT UP MEMBERS FRAMING INTO RIDGE BOARD, TYP.
- D. FASTEN ALL SLOPED/SKEWED MEMBERS TO HIPS AND RIDGES WITH SLOPABLE/SKEWABLE JOIST HANGERS, TYP.
- 1. FASTEN RAFTERS TO HIP BEAMS WITH LSSR210 SLOPEABLE/SKEWABLE
- 2. REPOINT MASONRY AROUND EXISTING CHIMNEY WHERE DAMAGED
- 3. 6x6 COLUMN BELOW HIP BEAM BEARING, PROVIDE COLUMN IN WALL
- 4. (2) 2x6 COLUMN BELOW HIP BEAM BEARING DOWN TO HEADER, PROVIDE (3) 2x10 HEADER AND (2) 2x6 JACK STUDS EACH SIDE, PROVIDE (2) 2x6 COLUMNS BELOW DOWN TO FOUNDATION.
- 6. POCKET BEAM IN CHIMNEY WITH 4" MIN. BEARING, PROVIDE MOISTURE
- 7. HHRC66 RIDGE FACE MOUNT HANGER BY SIMPSON STRONG-TIE FOR HIP TO RIDGE CONNECTION.
- 7. HHRC64 RIDGE FACE MOUNT HANGER BY SIMPSON STRONG-TIE FOR
- HIP TO RIDGE CONNECTION.

ON W Drawing Description
CITY OF RAVENSWOOD
212 MULBERRY STREET RAVENSWOOD,
MCINTOSH HOUSE RENOVATIOI
ROOF FRAMING PLAN

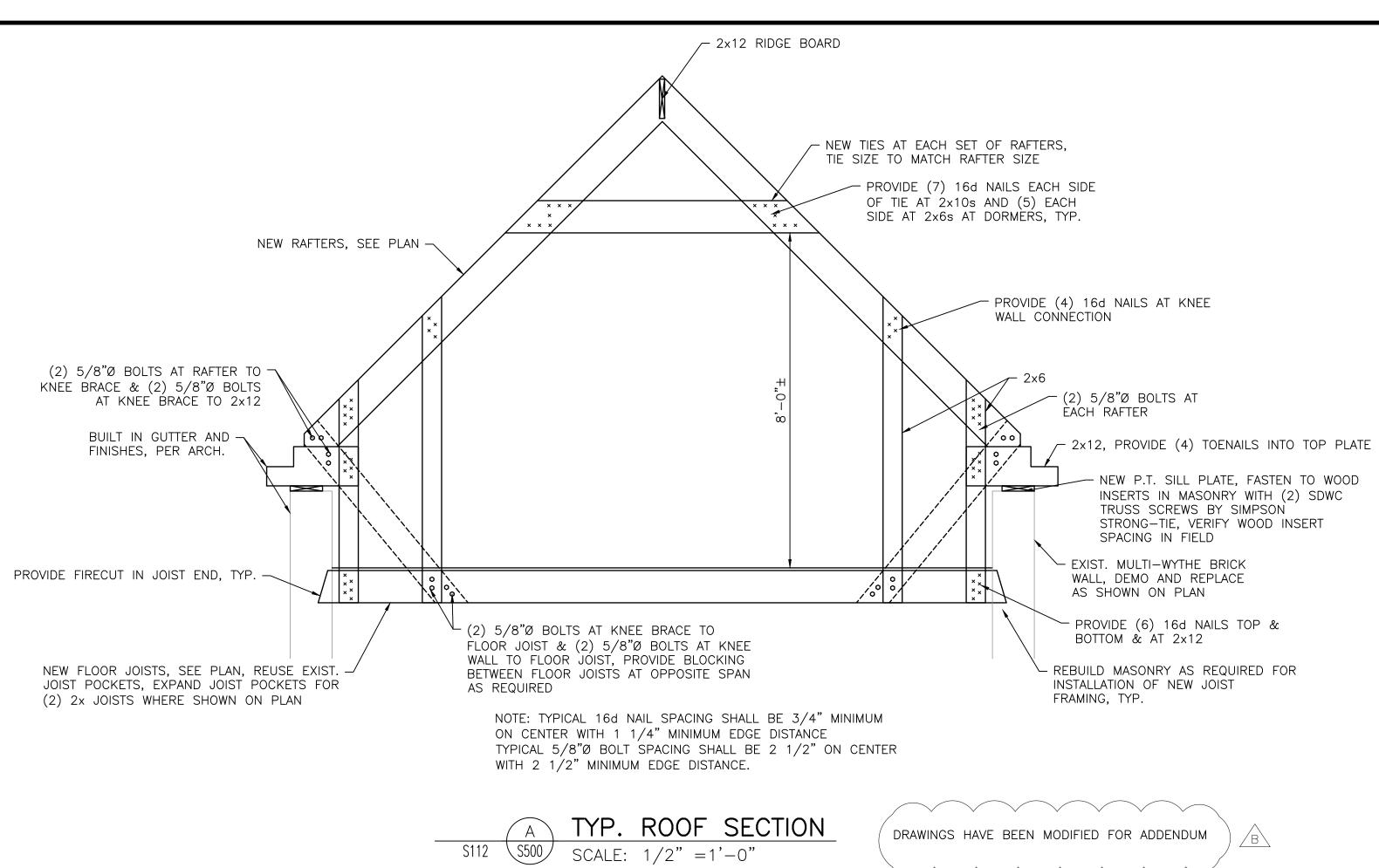
RING

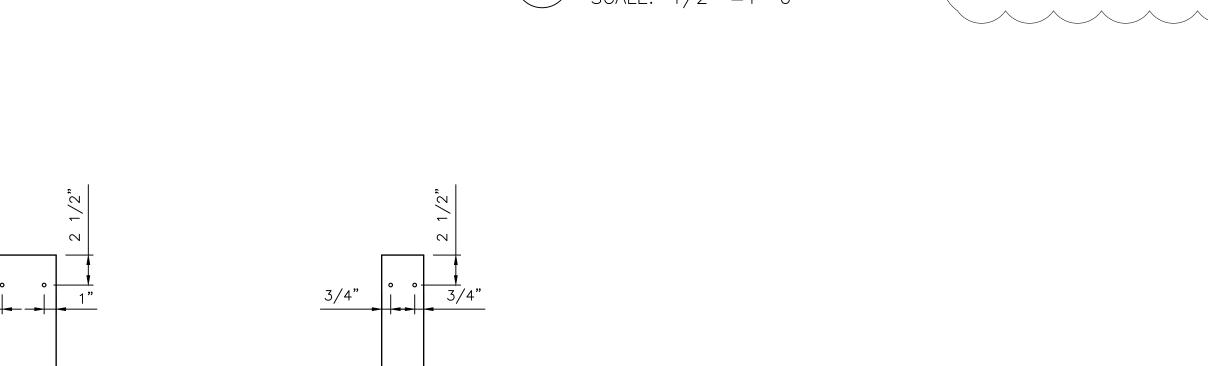


| Project:   | 2211052  |
|------------|----------|
| Designed B | y: STC   |
| Drawn By:  | STC      |
| Checked By | y: ESS   |
| Scale:     | AS NOTED |
| Plot Date: | 11/30/21 |
| Revision:  | В        |
|            |          |

Drawing Number:

S112





20d NAILS EACH SIDE

TO AVOID SPLITTING

(2) 2x4 COLUMN

OF COLUMN, STAGGERED



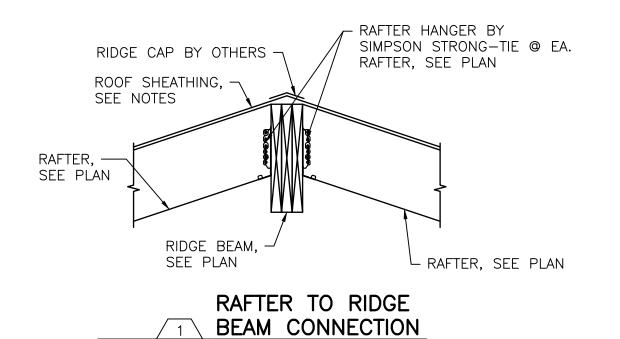
- 10d NAILS EACH SIDE

TO AVOID SPLITTING

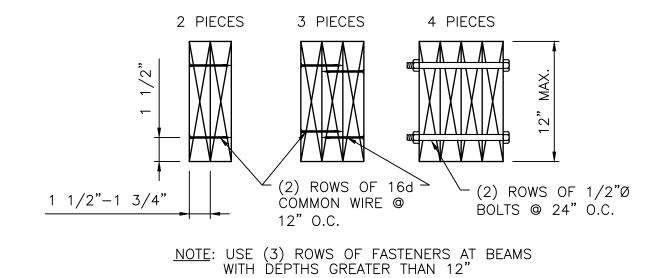
`— (2) 2x6 COLUMN

OF COLUMN, STAGGERED

NOTE: FOR (4) OR MORE LAMINATIONS BUILD UP (3) LAMINATIONS AS SHOWN ABOVE AND ADD ADDITIONAL LAMINATIONS W/ 16d NAILS IN THE SAME PATTERN

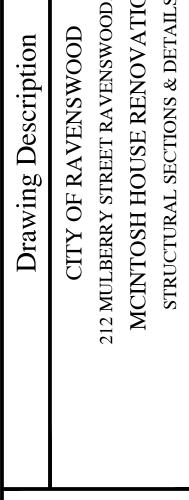


S500 SCALE: 3/4"=1'-0"



TYP. MULTIPLE

MEMBER BEAM FASTENING  $\frac{5500}{\text{S500}}$  SCALE: 1-1/2"=1'-0"



ADDE FS/CO

y, wy TION LLS

**XERING** SOCIATES

| TO SONAL ENGINE |         |  |
|-----------------|---------|--|
| Project:        | 221105  |  |
| Designed By:    | ST      |  |
| Drawn By:       | ST      |  |
| Checked By:     | ES      |  |
| Scale: AS       | NOTE    |  |
| Plot Date:      | 11/30/2 |  |
| Revision:       |         |  |
| Drawing Numb    | per:    |  |