Addendum No. 04

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

Elevator Replacement
Governor's Mansion
Jefferson City, MO
Project No: O2036-01

Bid Opening Date: 1:30 PM, Tuesday, January 17, 2023 (Changed with Addendum 03)

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

NONE

DRAWING CHANGES:

1. Drawing A101:

    a. *Revise details 01, 02, 03, and 04 to show*
        a. *Estimated location of existing masonry chimney.*
        b. *Wall and ceiling demolition necessary to install guide rail bracing*

2. Drawing A102:

    a. *Revise detail 01 to show*
        1) *Estimated location of existing masonry chimney*
        2) *New plan detail at northeast elevator shaft wall and guide rail at estimated location of existing masonry chimney*
        3) *New plan detail callout added at southwest elevator shaft wall and guide rail*

    b. *Revise detail 03 to show*
        1) *Location of C-channel guide rail supports at northeast elevator shaft wall, and update the referenced plan detail*
        2) *Add section detail callout where C-channel guide rail support attaches to shaft sidewall in north corner.*
        3) *Revised hoist beam*

3. Drawing A104:

    a. *Revise detail 03 to show plan detail location at the southwest wall of the elevator shaft at wood stud wall construction.*

b. *Revise detail 04 to show section cut callout to existing detail 02/A104.*

c. *Revise detail 05 to show:*
   1) *Revised to indicate new hoist beam construction and space plates*
   2) *Left side of detail indicates southwest elevator shaft wall guide rail, which will stop below the hoist beam*
   3) *Extended detail to show northeast elevator shaft wall guide rail, which will provide support of the hoist beam at this side of the shaft*

d. Add detail 08 to show guide rail support at the northeast elevator shaft wall

e. Add detail 09 to show attachment of guide rail support at the north elevator shaft corner

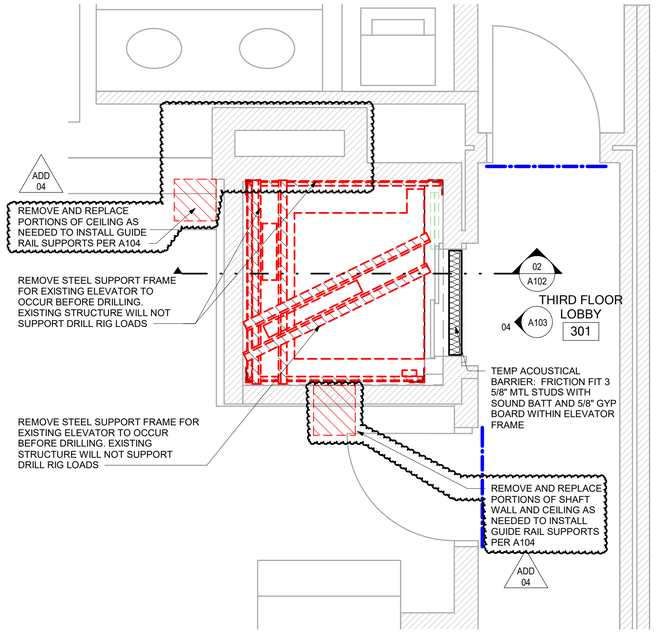
GENERAL:

NONE

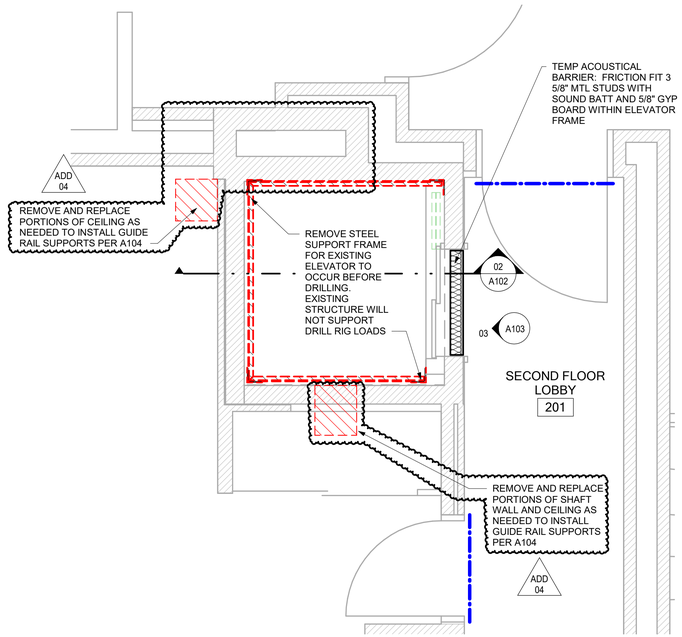
ATTACHMENTS:

1. A101 Add 04 Revision (1 Page)
2. A102 Add 04 Revision (1 Page)
3. A104 Add 04 Revision (1 Page)

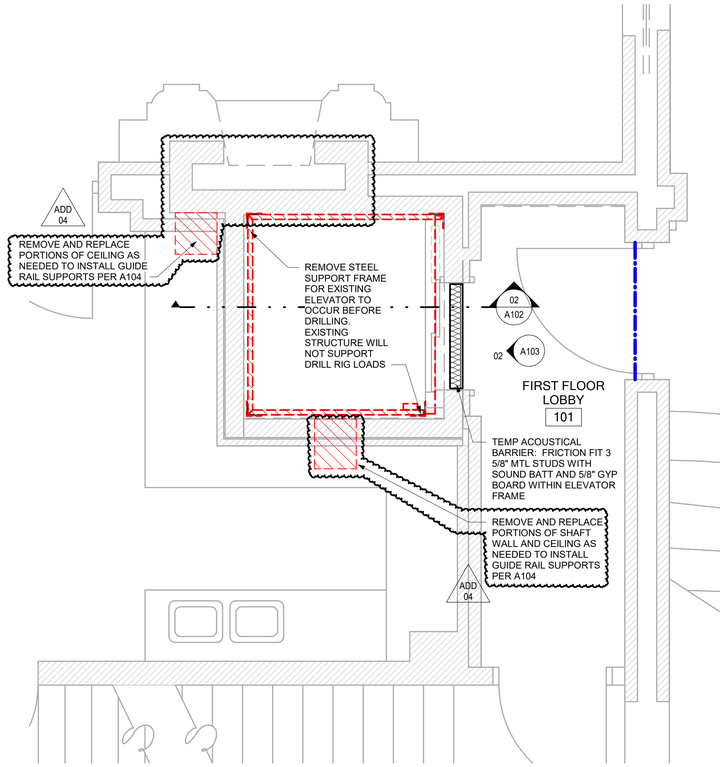
END OF ADDENDUM 04



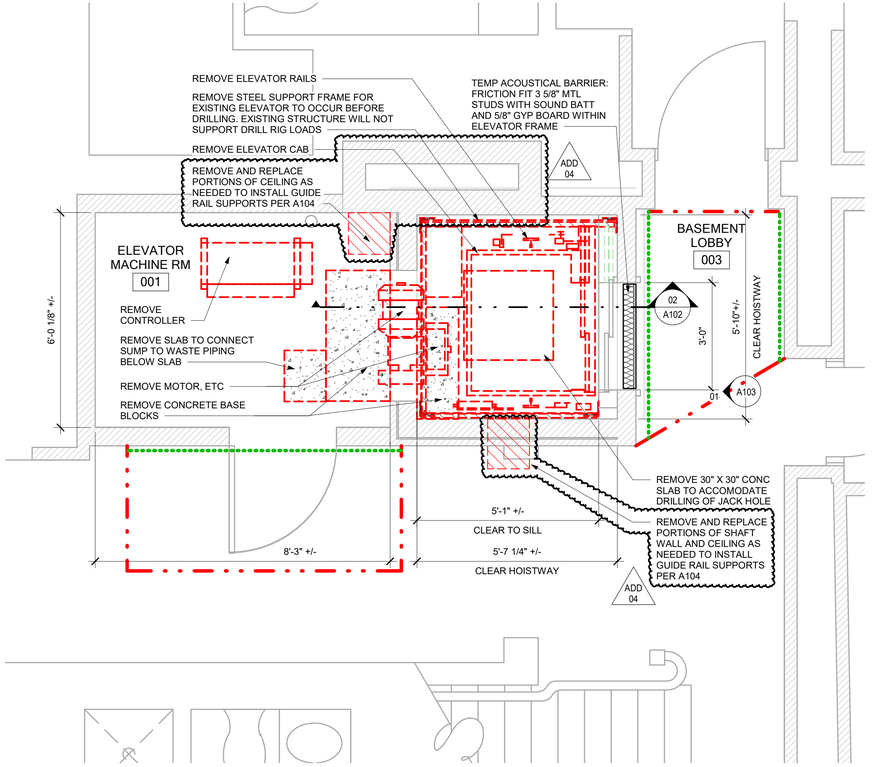
04 DEMOLITION - THIRD FLOOR
A101 1/2" = 1'-0"



03 DEMOLITION - SECOND FLOOR
A101 1/2" = 1'-0"



02 DEMOLITION - FIRST FLOOR
A101 1/2" = 1'-0"



01 DEMOLITION - BASEMENT
A101 1/2" = 1'-0"

DUST PARTITION LEGEND

6 MIL. FIRE-RATED POLY BARRIER FROM FLOOR TO CEILING WITH 24" OVERLAP AT ROOM ENTRANCE FOR CONTRACTOR ACCESS.

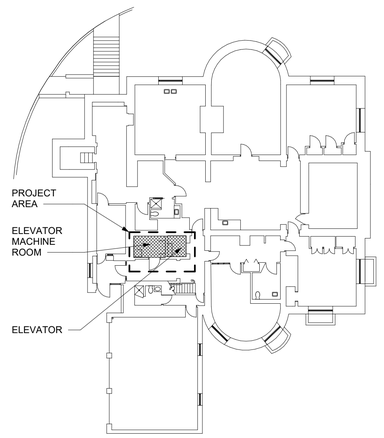
1/4" THK MASONITE TO COVER DOOR AND FRAME AND SEAL WITH BLUE PAINTER'S TAPE

6 MIL. FIRE-RATED POLY BARRIER FROM FLOOR TO CEILING TO PROTECT WALLS FROM DUST ACCUMULATION. CUT AROUND OPENINGS AS NEEDED.

GENERAL NOTES - DEMOLITION

1. REMOVE WALLS INDICATED BY THE FOLLOWING LINETYPE (UNLESS NOTED OTHERWISE):

2. HEPA FILTERED EXHAUST OVER EXISTING WALL TO CEILING OUTSIDE OF PROJECTS LIMITS. DISCHARGE AIR TO BE ATTACHED TO A 24" X 24" LAY-IN DIFFUSER.



KEY PLAN
1" = 20'-0"

STATE OF MISSOURI MIKE PARSON, GOVERNOR

JENNIFER MARIE HEDRICK NUMBER A-5419 REGISTERED ARCHITECT
1/10/2023
Jennifer M. Hedrick - Architect
License No. A-5419

SOA ARCHITECTURE
Architecture
Interior Design
Planning
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ELEVATOR REPLACEMENT

GOVERNOR'S MANSION

Jefferson City, Missouri

PROJECT # O2036-01
SITE # 0001
FACILITY # 05005
BID DOCUMENTS

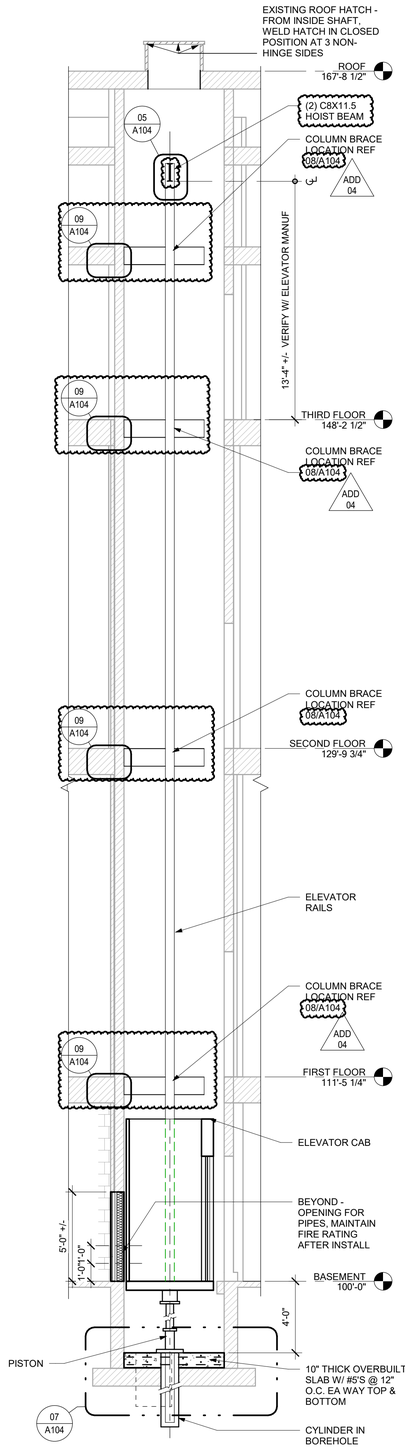
REVISION	DATE
ADD 04	1/10/2023

ISSUE DATE: 10/28/2022

CAD DWG FILE:
DRAWN BY: KMT
CHECKED BY: NBB
DESIGNED BY: SOA

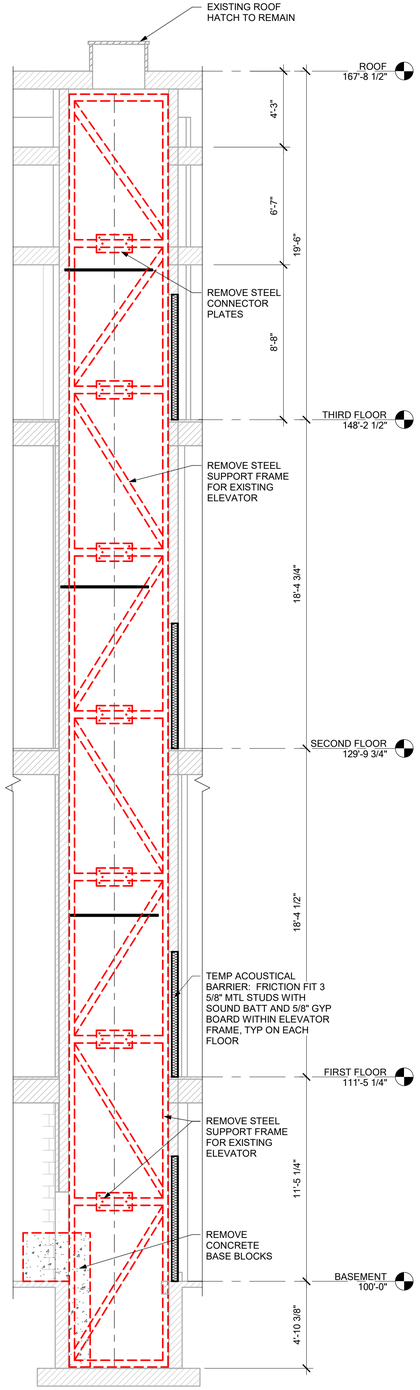
SHEET TITLE:
DEMOLITION FLOOR PLAN AND ROOF PLAN

SHEET NUMBER:
A101
SHEET 3 OF 14
ISSUE DATE: 10/28/2022



03 HOISTWAY SECTION NORTH

A102 A102 1/4" = 1'-0"

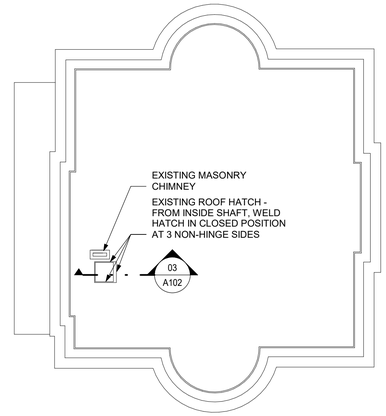


02 DEMO HOISTWAY SECTION NORTH

A101 A102 1/4" = 1'-0"

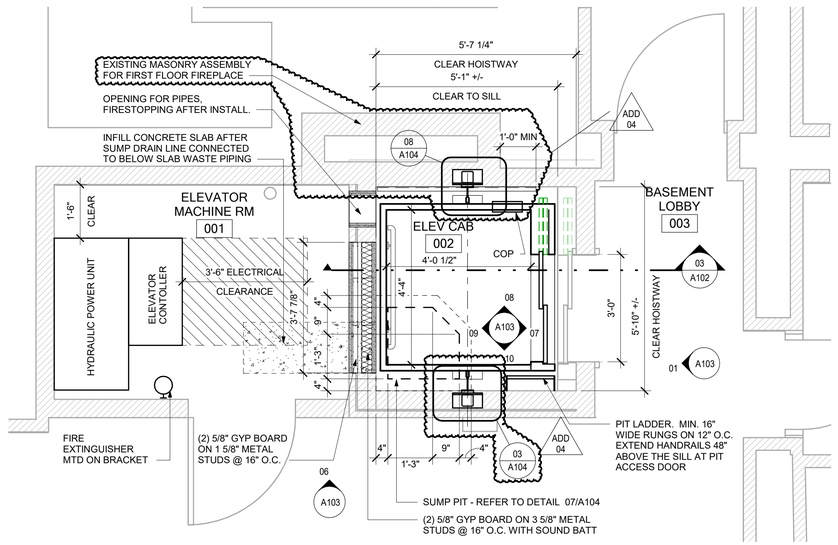
NEW WORK GENERAL NOTES

1. FIELD VERIFY ALL DIMENSIONS. IF DIMENSIONS VARY SIGNIFICANTLY NOTIFY THE ARCHITECT
2. ALL DIMENSIONS TO FACE OF EXISTING FINISH OR FACE OF METAL STUDS UNLESS NOTED OTHERWISE
3. WHERE PENETRATIONS OF EXISTING SHAFT WALLS EXIST DUE TO WIRING, ETC. TO BE RELOCATED, REPLASTER TO RESTORE FIRE INTEGRITY OF PARTITION
4. SEAL ALL NEW AND EXISTING PENETRATIONS IN EXISTING SHAFT WALL WITH FIRE CAULKING
5. HOISTWAY ENTRANCE JAMBS ARE BEING RETAINED AND NEED TO BE PROPERLY FIRE GROUTED.
6. CONTRACTOR TO COORDINATE FINAL LADDER DESIGN AND LOCATION WITH ELEVATOR INSTALLER TO AVOID INTERFERENCE AND MEET CODE REQUIREMENTS.
7. WHERE PIPES, CONDUIT, ETC HAVE BEEN REMOVED, DRAFTSTOP ANY HOLES THAT ARE LEFT REMAINING.
8. FOLLOW INFECTION CONTROL PRECAUTIONS IN ALL AREAS WHERE WORK IS BEING PERFORMED. REFERENCE SITE SECURITY AND HEALTH REQUIREMENTS (OA) SECTION OF PROJECT MANUAL FOR MORE DETAILS.



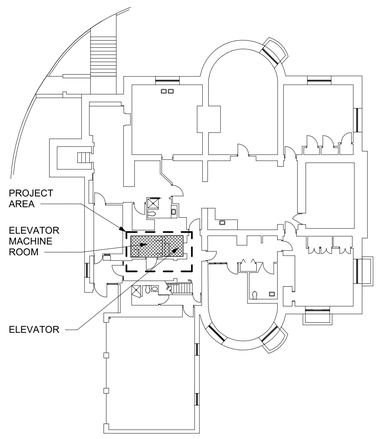
04 NEW WORK ROOF

A102 1/16" = 1'-0"



01 NEW WORK - BASEMENT

A102 1/2" = 1'-0"



KEY PLAN

1" = 20'-0"

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MIKE PARSON, GOVERNOR

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JENNIFER MARIE HEDRICK
NUMBER A-5419
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CAD DWG FILE:
DRAWN BY: KMT
CHECKED BY: NBB
DESIGNED BY: SOA

SHEET TITLE:
FLOOR PLAN, ROOF PLAN, AND HOISTWAY SECTIONS

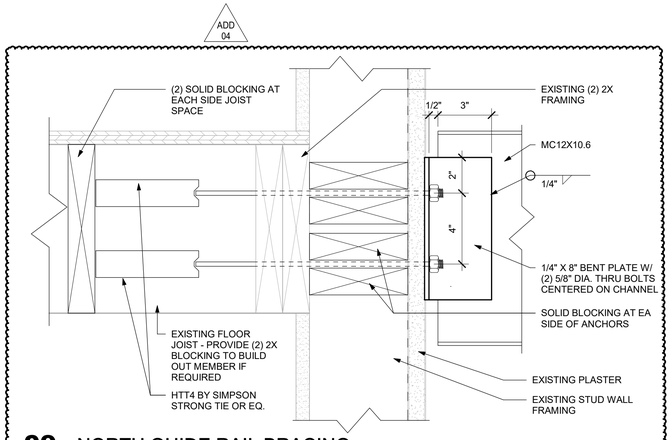
SHEET NUMBER:
A102
SHEET 4 OF 14
ISSUE DATE: 10/28/2022

STRUCTURAL NOTES:

1. Reinforced Concrete (Division 3):
   - A. Design codes Building Code Requirements for Reinforced Concrete (ACI 318), latest adoption.
   - B. Material strengths
     1. Concrete compressive strength (fc) at 28 days:
        a. All concrete 4,000 psi
     2. Slump
        a. Slump
           1. All concrete 2" to 4"
     3. Reinforcing steel a Bars and ties ASTM A615, Grade 60 (Fy=60ksi)
   - C. Notes
     1. Placement of concrete and reinforcement shall be in accordance with ACI and CRSI standards. Lap or dowel continuous bars with Class B splices per ACI 318 unless noted otherwise. Lap or dowel bars 50 bar diameters minimum.
     2. Reinforcing shown on details is for concept only, follow CRSI placement and cover requirements unless noted otherwise.
     3. Furnish the following concrete cover at reinforcing bars unless shown otherwise on the drawings:
        a. Slab 3" cover at bottom and sides. Provide 2" cover at top.
     4. Maximum aggregate size shall not exceed 3/4 the concrete cover (i.e. 3/4" max aggregate for 1" cover.

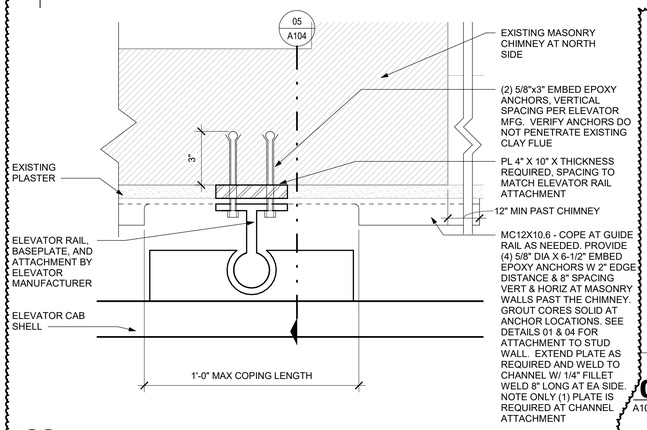
2. Structural Steel (Division 5):
   - A. Design Code: Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings (AISC), latest adoption.
   - B. Material Strengths:
     1. Structural Steel Rolled Wide Flange Shapes ASTM A992, Grade 50 (Fy=50ksi)
     2. Angles, channels, plates (including tread plate), and bars ASTM A36 (Fy=36ksi)
     3. Structural steel HSS tubing ASTM A500, Grade C (Fy=50ksi)
     4. Connection bolts ASTM F3125 Grade A325, Type 1, ASTM A563 heavy hex carbon-steel nuts and ASTM F436 hardened carbon-steel washers
     5. Adhesive/epoxy anchors ASTM F1554, Grade 36 (Fy=36ksi)
     6. Welds E70XX (Fexx=70ksi) electrodes per AWS D1.1 - steel
   - C. Notes:
     1. All structural steel shall be fabricated and erected according to the specifications of The American Institute of Steel Construction (AISC), latest adoption.
     2. Steel shop drawings shall include erection plans showing connections, beam elevations and splices.
     3. Structural steel shall be shipped with standard shop primer. See architectural specifications for primer and paint coating (if required).
     4. Bolts shall be placed at 3" spacing, 1 1/4" edge distance, standard gage, and thru standard holes unless noted otherwise.
     5. Shop connections may be welded or bolted using 3/4" (A325) diameter bolts. Field connections shall be bolted using 3/4" (A325) diameter bolts.
     6. All structural steel shop and field welding shall be completed by an AWS certified welder.
     7. Field cutting of structural members (including holes) and member splices (field or shop splices) will not be permitted unless shown on the shop drawings and without written authorization of architect/engineer.
   - D. Post-installed anchors -- screw anchors
     1. Post-installed anchors shall only be used where specified on the construction documents. The contractor shall obtain approval from the engineer prior to installing post-installed anchors in place of missing or misplaced cast-in-place anchors. Care shall be taken in placing post-installed anchors to avoid conflicts with existing rebar. Holes shall be drilled (hammer drilled in concrete and core drilled in masonry) and cleaned in accordance with the manufacturer's written instructions. For horizontal or vertically inclined anchor orientation carrying sustained tension loads, the installer must be certified by an ACI/CRSI Adhesive Anchor Installer Certification program. See general notes for substitution requests.
        - a. Concrete anchors
          1. Adhesive/epoxy anchors for use in cracked and uncracked concrete, Simpson Strong-Tie "AT-XP" or equivalent (tested in accordance with ACI 355.4 and ICC-ES AC308)
             - a. Design bond strength has been based on cracked concrete, ACI 355.4 temperature Category B and installations into dry holes into concrete that has cured for at least 21 days.
        - b. Masonry anchors
          1. Adhesive/epoxy anchors for use in solid-grouted concrete masonry, Simpson Strong-Tie "AT-XP" or equivalent (tested in accordance with ICC-ES AC58)

3. Wood Framing - Rough Carpentry, Wood Products, and Wood Trusses (Division 6):
   - A. Design codes:
     1. National Design Specification for Wood Construction (NDS), latest adoption.
     2. Install rough carpentry work to comply with American Institute of Timber Construction (AITC), Timber Construction (TC) Manual, latest adoption and recommendations of the product manufacturer.
   - B. Material Strengths:
     1. All wood stick framing shall be Southern Pine, No. 2 Grade (graded inder SPIB rules) or better.
     2. Lumber for miscellaneous uses may be "standard" grade light-framing-size lumber of any species for support of other construction, including rooftop equipment and support bases, cant strips, bucks, nailers, blocking, furring, grounds, stripping and similar members.
     3. Fasteners:
        - a. Nails, wire, brads, and staples: ASTM F547
        - b. All nails shall be common wire nails unless notes otherwise. Nails shall be driven so that heads are flush with the wood surface. Over or under driven nails will not be acceptable. Nail sizes on drawings shall be as shown unless noted otherwise.
          1. 16d, 0.162" shank diameter, 3 1/2" length
          2. 10d, 0.148" shankdiameter, 3" length
          3. 8d, 0.131" shank diameter, 2 1/2" length
          4. 6d, 0.113" shank diameter, 2" length
        - c. Bolts: ASTM A307, Grade A. or ASTM A36.



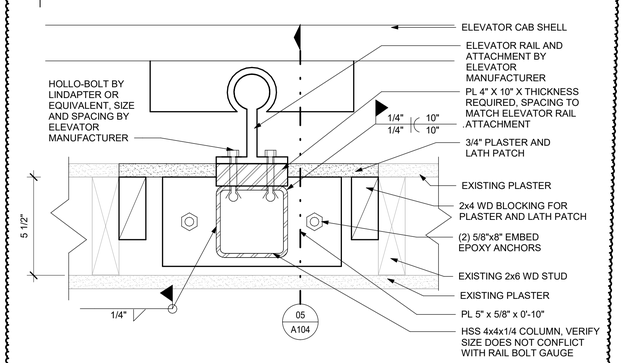
09 NORTH GUIDE RAIL BRACING

A102 A104 3" = 1'-0"



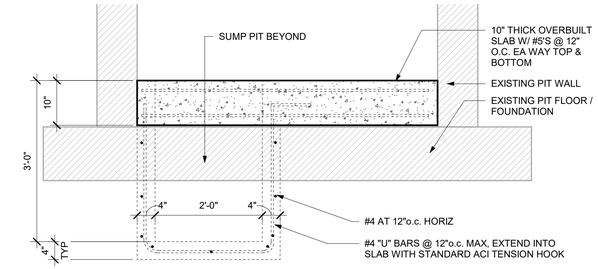
08 RAIL SUPPORT - PLAN DETAIL - NORTHEAST WALL

A102 A104 3" = 1'-0"



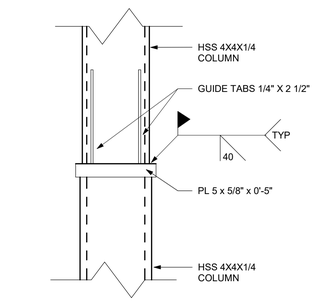
03 COL AND BP AT RAIL - PLAN DETAIL - SOUTHWEST WALL

A102 A104 3" = 1'-0"



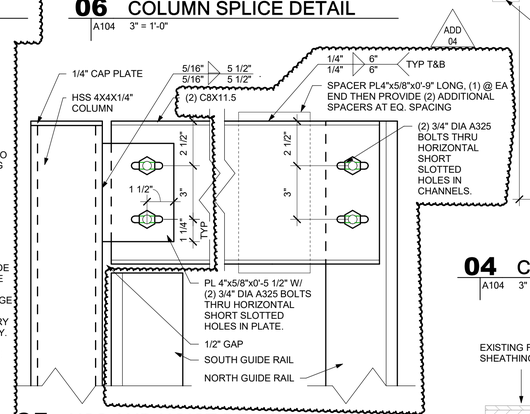
07 TYP ELEVATOR PIT

A102 A104 3/4" = 1'-0"



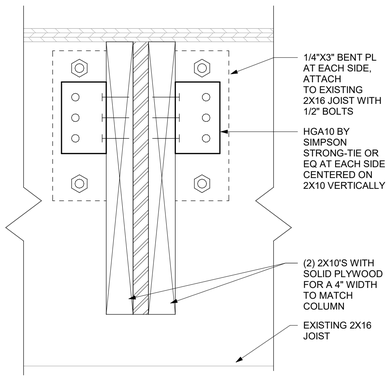
06 COLUMN SPLICE DETAIL

A104 3" = 1'-0"



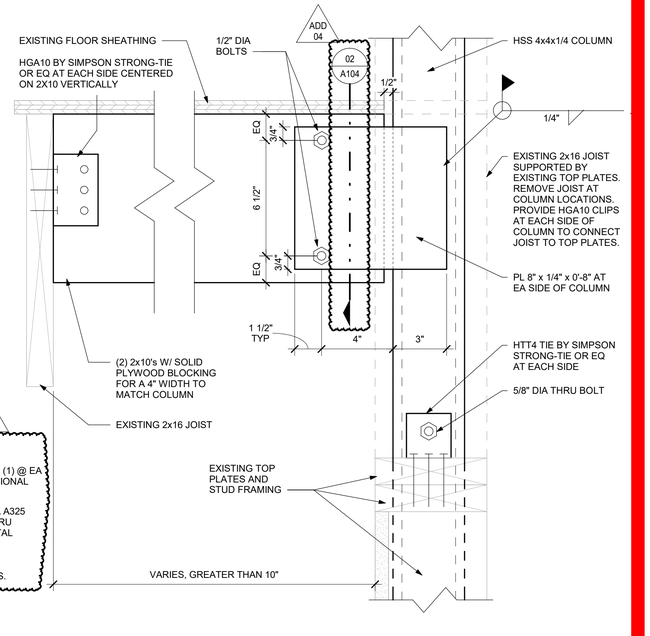
05 HSS AND HOIST BEAM CONNECTION

A102 A104 3" = 1'-0"



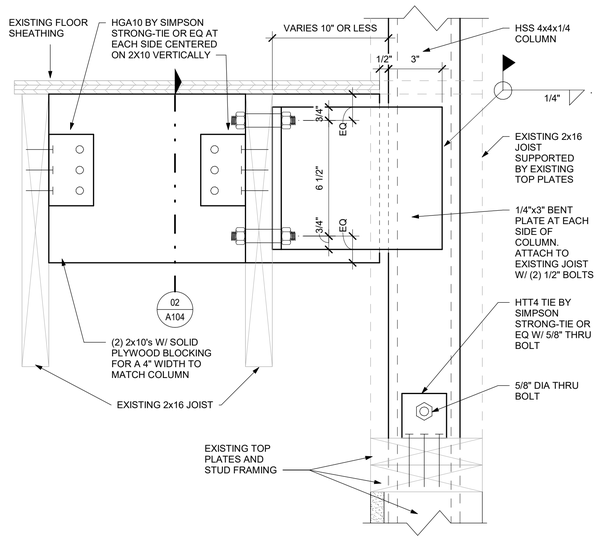
02 COLUMN BRACING BLOCKING DETAIL

A104 A104 3" = 1'-0"



04 COL. BRACING AT FLOOR/ROOF - WIDE SPACE TO JOIST

A104 3" = 1'-0"



01 COL. BRACING AT FLOOR/ROOF - NARROW SPACE TO JOIST

A104 3" = 1'-0"

STRUCTURAL ENGINEER:

STATE OF MISSOURI
BETHANY R. HAGEMANN
NUMBER
PE-2019000168
PROFESSIONAL ENGINEER

1/10/2023
Bethany Hagemann - Engineer
MO # 2019000168

The Structural Engineer, whose signature appears on the dual-sealed drawings, sheet A104, assumes responsibility only for structural elements that appear on these drawings, and disclaims (pursuant to Section 327.11 RsMo) any responsibility for all other plans, specifications, estimates, reports, or other documents or instruments not sealed by the above Structural Engineer relating to, or intended to be used for, any part or parts of the project to which these drawings refer.

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CHECKED BY: NBB
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SHEET TITLE:
DETAILS AND STRUCTURAL NOTES

SHEET NUMBER:
A104
SHEET 6 OF 14
ISSUE DATE: 10/28/2022