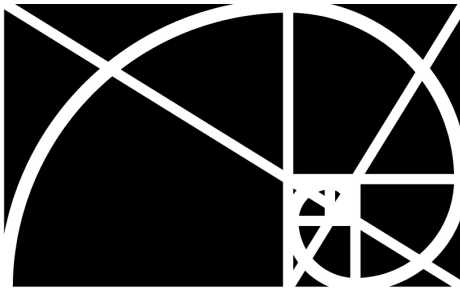


Marian University ALUMNI HALL

INDIANAPOLIS, INDIANA



RATIO



PACKAGE: OWNER REVIEW SET

DESIGN DEVELOPMENT

OWNER
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

ARCHITECT
RATIO Architects, Inc.
Schrader Building, Suite 100
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

STRUCTURAL ENGINEER
Fink Roberts & Petrei, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

MECHANICAL / ELECTRICAL ENGINEER
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

CIVIL ENGINEER
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 633-3206

VOLUME

VOL: 1

RATIO PROJECT NO.

12103.000

OWNER PROJECT NO.

•

DATE

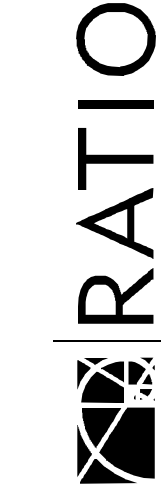
06.27.13

PROJECT ADDRESS

3200 Cold Springs Rd
Indianapolis, Indiana 46222

PROJECT NAME

Marian University ALUMNI HALL



RATIO PROJECT NO.

12103.000

PACKAGE

DESIGN DEVELOPMENT

DATE

06.27.13

SET NO.

VOLUME

VOL: 1

CODE SUMMARY

This view should be used for small projects only. Utilize "CODE SUMMARY G-003" for larger projects. Delete this view from the sheet when using G-003 for LIFE SAFETY PLANS

Use this area when possible for the project code summary. This is a legend type view. Text may be used, or .png image files derived from a consultant code review (utilize Joy image printer).

Delete this guide including the blue layout boundary once this view is populated

Utilize space below for LIFE SAFETY PLANS (small project only)

DRAWING INDEX

Sheet #	Sheet Name
GENERAL	
G-001	COVER
G-002	SHEET INDEX, PROJ LOCATION, CODE SUMMARY AND LIFE SAFETY PLAN
CIVIL	
C101	SITE DEMOLITION PLAN
C201	STORM WATER MANAGEMENT PLAN
C401	SITE UTILITY PLAN
C601	SITE CONSTRUCTION DETAILS
C602	SITE CONSTRUCTION DETAILS
LANDSCAPE	
L-200	SITE PLAN REFERENCE
L-201	SITE PLAN
L-202	SITE PLAN
L-401	SITE GRADING PLAN
L-402	SITE GRADING PLAN
L-501	PLANTING PLAN
L-502	PLANTING PLAN
L-700	SITE DETAILS
L-701	SITE ELEVATIONS
L-702	PLANTING DETAILS
STRUCTURAL	
S-000	GENERAL NOTES
S-101	FOUNDATION PLAN
S-102	LOW ROOF FRAMING PLAN
S-103	HIGH ROOF FRAMING PLAN
S-300	TYPICAL FOUNDATION DETAILS
S-310	TYPICAL FOUNDATION PIER DETAILS
S-320	TYPICAL SLAB ON GRADE DETAILS
S-500	TYPICAL STEEL COLUMN AND BASE PLATE DETAILS
S-510	TYPICAL STEEL CONNECTION DETAILS
S-520	TYPICAL STEEL ROOF FRAMING DETAILS
S-540	BRACING ELEVATIONS
S-541	TYPICAL BRACE FRAME CONNECTION DETAILS
ARCHITECTURAL	
A-001	GENERAL NOTES, SYMBOLS, AND STANDARD MOUNTING HEIGHTS
A-002	INTERIOR PARTITION TYPES AND STANDARD PARTITION DETAILS
A-101	FIRST FLOOR PLAN
A-102	CLERESTORY - LOW ROOF PLAN
A-105	ROOF PLAN
A-131	FIRST FLOOR REFLECTED CEILING PLAN
A-132	CLERESTORY REFLECTED CEILING PLAN
A-151	FIRST FLOOR FINISH PLAN
A-201	EXTERIOR ELEVATIONS
A-202	EXTERIOR ELEVATIONS
A-221	INTERIOR ELEVATIONS
A-301	BUILDING SECTIONS
A-321	WALL SECTIONS

DRAWING INDEX (CONT)

Sheet #	Sheet Name
A-322	WALL SECTIONS
A-323	WALL SECTIONS
A-324	WALL SECTIONS
A-325	WALL SECTIONS
A-601	DOOR SCHEDULE AND DETAILS
A-621	WINDOW ELEVATIONS AND DETAILS
EQUIPMENT	
K-101	FOODSERVICE EQUIPMENT LAYOUT
K-102	FOODSERVICE EQUIPMENT SCHEDULE
FIRE PROTECTION	
F-101	FIRST FLOOR FIRE PROTECTION - NOT INCLUDED
PLUMBING	
P-200	FOUNDATION PLAN - PLUMBING
P-201	FIRST FLOOR PLAN - PLUMBING
P-301	ENLARGED PLAN - PLUMBING
P-601	SCHEDULES - PLUMBING
MECHANICAL	
M-201	FIRST FLOOR - MECHANICAL
M-220	ROOF PLAN - MECHANICAL
M-401	DETAILS - MECHANICAL
M-601	SCHEDULES - MECHANICAL
ELECTRICAL	
E-001	SYMBOLS & ABBREVIATIONS - ELECTRICAL & TECHNOLOGY
E-201	FLOOR PLAN - ELECTRICAL LIGHTING
E-211	FIRST FLOOR PLAN - POWER
E-220	ROOF PLAN - ELECTRICAL POWER
E-301	ENLARGED FLOOR PLAN - ELECTRICAL
E-401	DETAILS - ELECTRICAL
E-501	RISER DIAGRAM
TECHNOLOGY	
T-201	FLOOR PLAN - TECHNOLOGY
T-220	ROOF PLAN - TECHNOLOGY

GENERAL PROJECT NOTES

- A THE FOLLOWING GENERAL NOTES APPLY TO THESE CONTRACT DOCUMENTS AND ARE NOT SPECIFIC TO ANY ONE DISCIPLINE.
- B IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB CONTRACTORS, TRADES AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT BEFORE COMMENCING CONSTRUCTION, AND TO ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.
- C PARTIAL SETS OF DRAWINGS ARE INCOMPLETE AND SHOULD NOT BE DISTRIBUTED OR UTILIZED BY THE CONTRACTOR.
- D THE CONSTRUCTION DOCUMENTS ESTABLISH DETAILED MINIMUM REQUIREMENTS FOR THE CONSTRUCTION OF THE PROJECT.
- E THE GENERAL NOTES, SYMBOLS AND DEFINITIONS APPLICABLE ONLY TO EACH DISCIPLINE CAN BE FOUND AT THE FRONT OF EACH DISCIPLINES PORTION OF THE SET OF DRAWINGS AND IS LISTED AS PART OF THE OVERALL PROJECT INDEX OF DRAWINGS. **VERIFY**
- F BASIC FIRE PROTECTION AND THE EXITING SCHEME ARE ILLUSTRATED BY THE EGRESS PLAN(S) AND APPLICABLE FIRE AND BUILDING CODE SUMMARY ON SHEET **G-002**.
- G THE ARCHITECTURAL DRAWINGS ESTABLISH, COORDINATE AS WELL AS TAKE PRECEDENCE FOR THE FINISH APPEARANCE OF ALL EXPOSED ELEMENTS OF THE WORK OF ALL TRADES INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES.
- H THE DRAWINGS MAY MAKE REFERENCE TO AND/OR ILLUSTRATE ITEMS WHICH ARE NOT PART OF THE WORK OF THE CONTRACT. THESE "NOT IN CONTRACT" ITEMS ARE REFERENCED AND/OR ILLUSTRATED FOR THE CONTRACTORS REFERENCE, INFORMATION AND COORDINATION ONLY.
- J THE CONTRACTOR IS RESPONSIBLE TO COMPLY WITH APPLICABLE LAWS, CODES, REGULATIONS AND ORDINANCES OF THE PLACE (CITY, COUNTY, DISTRICT AND STATE) WHERE THE PROJECT IS LOCATED - ALTHOUGH SUCH REQUIREMENTS MAY NOT BE REFLECTED BY THESE CONTRACT DOCUMENTS.
- K EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORD DRAWINGS AND OR VISUAL FIELD SURVEYS. THE CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT THE SITE PRIOR TO SUBMITTING A BID. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- L THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND SIMILAR RELEASES REQUIRED FOR THE CONSTRUCTION AND OCCUPANCY OF THE PROJECT. THE CONTRACTOR SHALL FURNISH COPIES OF ALL SUCH ITEMS TO THE OWNER AND ARCHITECT WITHIN 10 DAYS OF RECEIPT OF SUCH ITEMS. IF PERMITS ARE ISSUED SUBJECT TO CERTAIN CONDITIONS OR REVISIONS TO THE WORK OR IF PERMITS ARE DELAYED FOR ANY REASON, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ARCHITECT.
- M THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MAINTAIN AND PROTECT NEW WORK AS WELL AS EXISTING SYSTEMS AND ELEMENTS WHICH ARE TO REMAIN. ANY DAMAGE TO SUCH SYSTEMS AND ELEMENTS SHALL BE IMMEDIATELY REPAIRED IN A MANNER ACCEPTABLE TO THE ARCHITECT. IF SATISFACTORY REPAIRS CANNOT BE MADE, THE CONTRACTOR SHALL REPLACE SYSTEMS AND ELEMENTS WITH "LIKE NEW" QUALITY ACCEPTABLE TO THE ARCHITECT. ALL REPAIRS AND REPLACEMENT COST SHALL BE THE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR.
- REV. 03/31/09

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.
12103.000



RATIO

SHEET TITLE

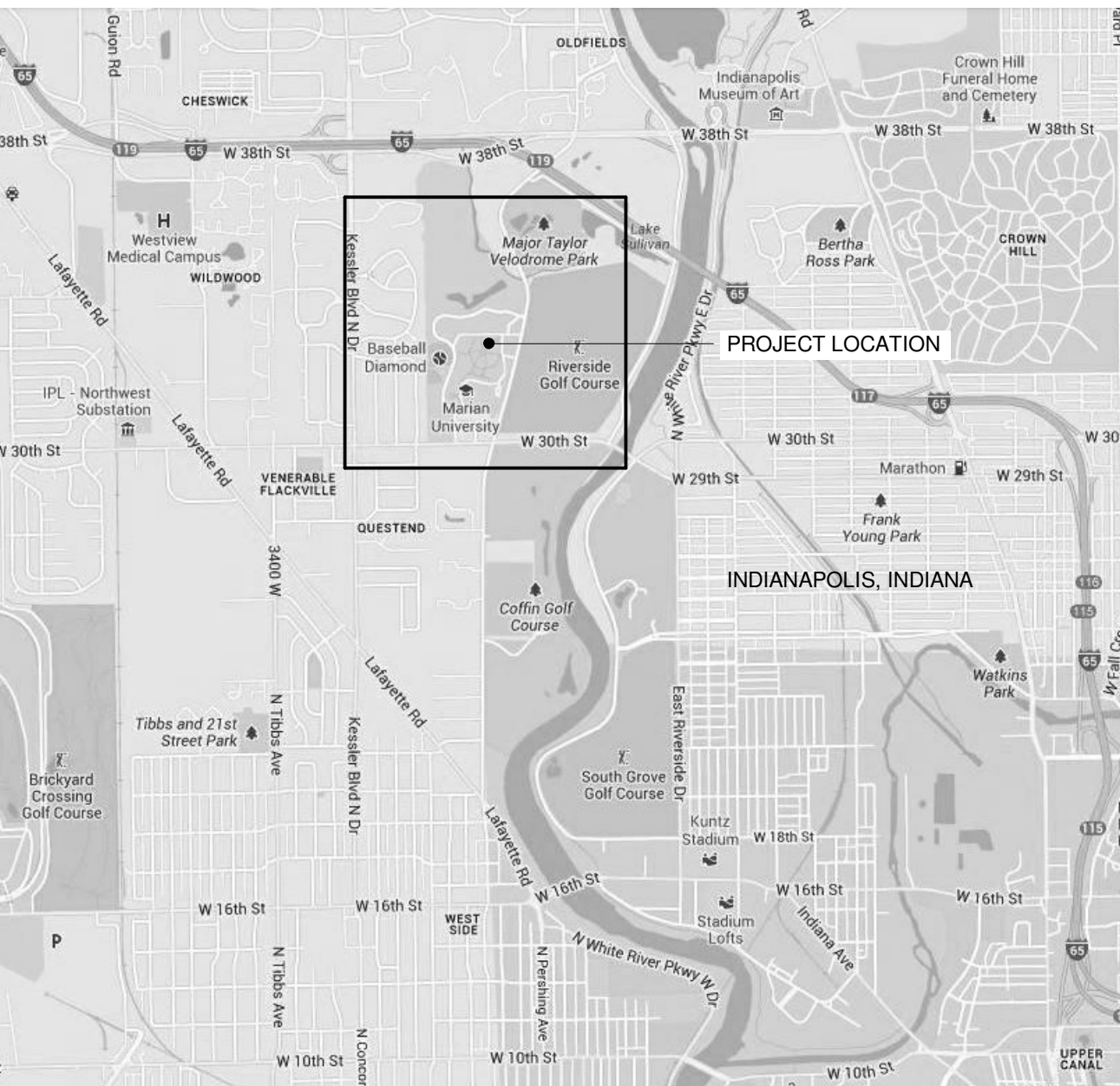
SHEET INDEX, PROJ
LOCATION, CODE
SUMMARY AND LIFE
SAFETY PLAN

SHEET NUMBER

G-002

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFERENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

REGION MAP



PROJECT LOCATION



LIFE SAFETY PLAN

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46206
(317) xxx-xxxx

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206



DESIGN DEVELOPME
T
JUNE 24, 2013

[illegible]

APPROVED BY

PROJECT NO	12103.000
------------	-----------

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

SHEET TITLE

SITE DEMOLITION PLAN

SHEET NUMBER

C101

200 Cold Springs Rd
Indianapolis, Indiana
46222

Architect

Structural Engineer

Civil Engineer

SURVEY LEGEND:

- | | | |
|--------------------------|------------------------|-----------------------|
| ⊗ 5/8" Rebar Set-IRMO107 | ⊗ Electric Pedestal | Water Valve |
| ⊗ 1/2" Iron Pin found | ⊗ Electric Vault | Gas Valve |
| ⊗ Mag Nail found | ⊗ Electric Transformer | Parking Bumper |
| ⊗ TBM set | ⊗ Telephone Pedestal | Gas Meter |
| ⊗ Right-of-Way Monument | ⊗ Telephone Marker | Control Valve |
| ⊗ Light Pole | ⊗ Clean Out | Flag Pole |
| ⊗ Yard Lamp | ⊗ Manhole | Coniferous Tree |
| ⊗ Utility Pole | ⊗ Catch Basin | Bush |
| ⊗ Guy Anchor | ⊗ Curb Inlet | Air Conditioning Unit |
| ⊗ Fire Hydrant | ⊗ Concrete Post | Sign |
| ⊗ Water Meter | ⊗ Parking Bumper | Mailbox |
-
- | | | |
|----------------------------------|----------|----------------------------------|
| ○ Stump | — SAN — | Sanitary Sewer Pipe |
| ○ Deciduous Tree | — STRM — | Storm Sewer Pipe |
| ⊗ Railroad Spike Fnd. | | Fence (Chainlink unless labeled) |
| (TYP) Typical | — W — | Underground Water Line |
| (P) Platted Distance | — UGE — | Underground Electric Line |
| (C) Computed Distance | — GAS — | Underground Gas Line |
| or Bearing | — U/G — | Underground Telephone Line |
| (D) Dead Distance or Bearing | — Q/U — | Q/U Utility |
| (M) Measured Distance or Bearing | — C — | Underground Cable |

- 1) PROVIDE POSITIVE DRAINAGE IN ALL AREAS. PAVING CONTRACTOR SHALL TEST FOR ANY PONDING CONDITIONS AFTER INSTALLATION AND ADJUST.
- 2) PROVIDE SMOOTH TRANSITION FROM NEW AREAS TO EXISTING FEATURES AS NECESSARY.
- 3) ALL AREAS WHERE PROPOSED ASPHALT PAVEMENT MEETS THE EXISTING PAVEMENT THE EXISTING PAVEMENT SHALL BE PROPERLY GRADELED TO A SMOOTH TRANSITION.
- 4) THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHILE EXCAVATING AROUND EXISTING TREES SO NOT TO DISTURB OR DAMAGE OR TO SUBMIT TO ANY DAMAGE.
- 5) THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTORS AND UTILITY COMPANIES TO AVOID DAMAGE.
- 6) THE EXCAVATING CONTRACTOR OR LANDSCAPING CONTRACTOR SHALL INSTALL THE FINISH GRADE AT 1/2" BELOW PAVEMENTS WHEN THE FINISH GRADE IS PROPOSED TO BE LOWER THAN FROM PMT.
- 7) ALL AREAS WHERE THE EXISTING PAVEMENT OR PAVEMENTS ARE DAMAGED DURING CONSTRUCTION FROM TRAFFIC BY THE GENERAL CONTRACTOR, SUBCONTRACTOR OR ANY OTHER PARTY SHALL BE REPAIRED OR RECONSTRUCTED AT LEAST TO THEIR ORIGINAL CONDITION AFTER THE CONSTRUCTION WORK IS COMPLETED.
- 8) SLOPE ELEVATIONS SHALL BE FINISHED ASPHALT AT CURB AND ADD 1" FOR TOP OF CURB ELEVATION.

PROPOSED STORM SEWER

PROPOSED STORM MANHOLE

TBM#1
Cut square north top
of concrete lightpole base.
ELEV=743.04'

TBM#2
Cut square southeast top
of concrete.
ELEV=738.86'

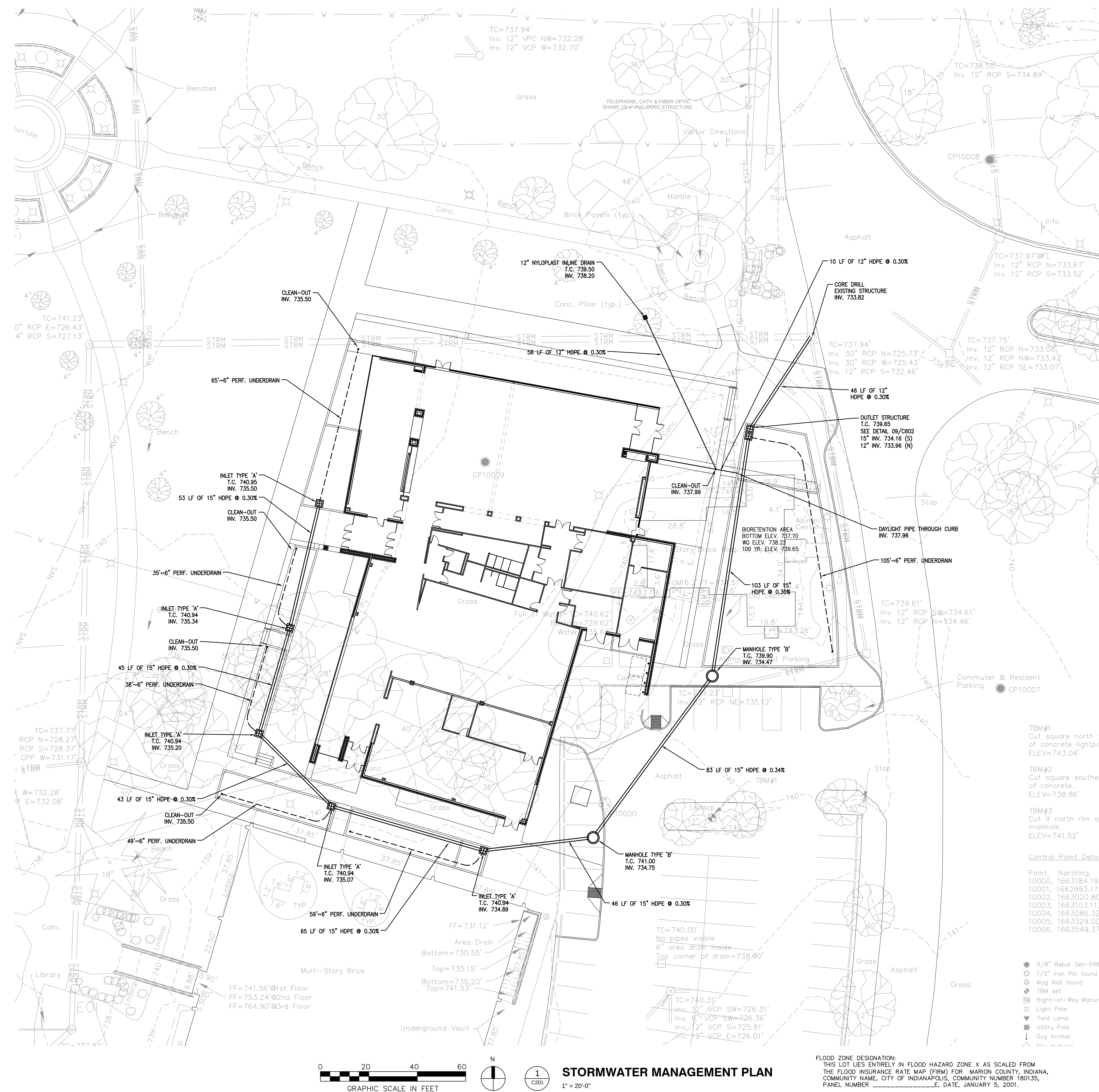
TBM#3
Cut X north rim of
manhole.
ELEV=741.52'

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

RATIO

SHEET NUMBER

C201



FLOOD ZONE DESIGNATION:
THIS LOT LIES ENTIRELY IN FLOOD HAZARD ZONE X AS SCALED FROM
THE FLOOD INSURANCE RATE MAP (FIRM) FOR MARION COUNTY, INDIANA
COMMUNITY NAME, CITY OF INDIANAPOLIS, COMMUNITY NUMBER 180135,
PANEL NUMBER _____ E. DATE, JANUARY 5, 2001.

File Name: R:\TitleBlock_CD_30x42.dwg User Name: ph3g
Proj. Folder: L:\AutoCAD\Title Blocks\CD_Large Format\30x42\ AutoCAD Version: 17.1s (LMS Tech)

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206



- | | | |
|--------------------------|------------------------|-----------------------|
| ● 5/8" Rebar Set=FRM0107 | Ⓢ Electric Pedestal | Water Valve |
| ⊗ 1/2" Iron Pin found | Ⓢ Electric Vault | Gas Valve |
| ⊗ Mag Nail found | Ⓢ Electric Transformer | Parking Bumper |
| ⊗ TBM set | Ⓢ Telephone Pedestal | Gas Meter |
| ⊗ Right-of-Way Monument | Ⓢ Telephone Marker | Control Valve |
| ⊗ Light Pole | Ⓢ Clean Out | Flag Pole |
| ⊗ Yard Lamp | Ⓢ Manhole | Coniferous Tree |
| ⊗ Utility Pole | Ⓢ Catch Basin | Bush |
| ⊗ Guy Anchor | Ⓢ Curb Inlet | Air Conditioning Unit |
| ⊗ Fire Hydrant | Ⓢ Concrete Post | Sign |
| ⊗ Water Meter | Ⓢ Parking Bumper | Mailbox |
-
- | | | |
|----------------------------------|---------------|----------------------------------|
| ○ Stump | — SAN, STRM — | Sanitary Sewer Pipe |
| ⊗ Deciduous Tree | | Storm Sewer Pipe |
| ⊗ Railroad Spike Fnd. | | Fence (Chainlink unless labeled) |
| (TYP) (H) Typical | □ | Underground Water Line |
| (P) Plotted Distance | — UGE — | Underground Electric Line |
| (C) Computed Distance or Bearing | — GAS — | Underground Gas Line |
| (D) Dead Distance or Bearing | — UGT — | Underground Telephone Line |
| (M) Measured Distance or Bearing | — D/H — | O/H Utility |
| | — C — | Underground Cable |

AT&T Indiana Communication

Michael Haynes
mh2623@att.com
317-252-4007 3
5858 N College Ave
Indianapolis IN 46220

Citizens Energy Group Gas
Richard A Miller Jr
rmiller@citizensenergygroup.co
317 927-4684
2150 Dr Martin Luther King
Indianapolis IN 46202

Citizens Water Water
Jeff Miller
JMiller@citizensenergygroup.co
317-263-6442
1220 Waterway Boulevard
Indianapolis IN 46206

Indianapolis Power & Light Company Electric

Rhonda Williams
rhonda.williams@aes.com
317-261-5203
1230 W. Morris Street
Indianapolis IN 46221

Indianapolis, City of
Sanitary Sewer
Larry Carter
lcarter@indy.gov
317-327-8983
1200 Madison Suite 200
Indianapolis, IN 46225

GENERAL NOTES

1. SANITARY SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO LOCAL SANITARY SEWER SPECIFICATIONS AND REQUIREMENTS.
2. ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
3. SANITARY MANHOLES SHALL BE PRECAST CONCRETE OR MONOLITHIC, CONSTRUCTED OF CLASS C, 4000 PSI CONCRETE, AND CONFORMING TO ASTM C-478.
4. JOINTS BETWEEN PRECAST SANITARY MANHOLE SECTIONS SHALL CONFORM TO ASTM C-463.
5. SANITARY SEWER PIPE AND FITTINGS MAY BE EITHER PVC THAT CONFORMS TO ASTM F-408, SCHED. 40 STEEL, A RUST-INHIBITING COATING OF 12464-B, OR REINFORCED CONCRETE PIPE CLASS III, IV, OR V IN ACCORDANCE WITH ASTM C-900, POLYESTER FILLED HIGH STRENGTH POLYESTER FIBER COMPOSITES A21-S1 AND AWMA C-151, OR HIGH DENSITY POLYETHYLENE PIPE CONFORMING TO ASTM S-3500 CELL CLASS P.E. 3344 .33C.
6. SANITARY SEWER PIPE JOINTS SHALL CONFORM TO LOCAL SANITARY SEWER SPECIFICATIONS.
7. CONSTRUCTION SHALL NOT COMMENCE UNTIL AN IMPROVEMENT LOCATION PERMIT HAS BEEN OBTAINED.
8. ADDITIONS, DELETIONS, AND/OR REVISIONS TO THE SANITARY SEWER FACILITIES SHALL NOT BE MADE WITHOUT APPROVAL BY THE CITY OF INDIANAPOLIS.
9. WATER MAINS CROSSING ANY AND ALL SEWERS SHALL HAVE A MINIMUM VERTICAL SEPARATION OF 18" BETWEEN THE OUTSIDE OF THE WATER MAIN PIPE AND THE INSIDE OF THE SEWER PIPE. FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED AT THE POINT OF THE CROSSING SUCH THAT BOTH JOINTS WILL BE ON THE SIDEWALK AND AS FAR FROM THE SEWER AS POSSIBLE. IF WATER LINE(S) CROSS BELOW SANITARY MAIN LINE(S), SEWER LINE MUST BE CONSTRUCTED FROM WATER MAIN MATERIAL FOR THAT PARTICULAR SPAN.
10. EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ACCORDING TO THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. IF ANY UTILITIES ARE DISCOVERED DURING EXISTING OR CONSTRUCTION, TO OBTAIN ACCURATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL NOTIFY THE FIRE MARSHAL (317-4871) 480 HOURS IN ADVANCE. INDIANA UNDERGROUND CABLE LOCATION 1-800-382-5544.
11. ALL STORM DRAINAGE CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL STORM SEWER SPECIFICATIONS AND REQUIREMENTS.
12. FIELD TILE ENCOUNTERED SHALL BE REPLACED AND/OR CONNECTED TO THE STORM SEWER SYSTEM.
13. EASE SLOPES 3% OR GREATER WILL BE SOODED OR STABILIZED WITH AN EROSION CONTROL BLANKET.
14. ALL EARTHEN AREAS DISTURBED DURING CONSTRUCTION SHALL HAVE TEMPORARY SEEDING AND MULCHING.
15. SILT FENCE ALONG STRUCTURES IN PAVEMENT AREA ARE TO BE INSTALLED PRIOR TO PAVING CONSTRUCTION.
16. GRANULAR BACKFILL REQUIRED FOR ALL PIPE UNDER PAVEMENT AND WITHIN 5 FEET OF PAVEMENT.
17. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AT HIS EXPENSE ALL AUTOMOBILE AND PEDESTRIAN TRAFFIC CONTROL DEVICES REQUIRED BY FEDERAL, STATE, COUNTY, AND CITY AGENCIES. THE AMOUNT, LOCATION AND SIZE SHALL BE PER DIRECTION OF AGENCY.

PROPOSED FEATURE LEGEND

- | | |
|---|--|
|  | PROPOSED STORM SEWER |
|  | PROPOSED WATER LINE |
| | 54" COVER TO TOP OF PIPE (TYP) |
|  | PROPOSED ROOF DRAIN |
|  | PROPOSED SANITARY LATERAL |
|  | PROPOSED FIRE HYDRANT |
| | PER WATER CO. AND FIRE DEPT. STANDARDS |
|  | PROPOSED GATE VALVE |

File Name: R:_TitleBlock_CD_30x42.dwg
 User Name: phlg
 AutoCAD Version: 17.1s (LMS Tech)
 Proj. Folder: L:\AutoCAD\Title Blocks\CD_Large Format\30x42\

File Name:
Proj. Folder:

3200 Cold Springs Rd
Indianapolis, Indiana
46222

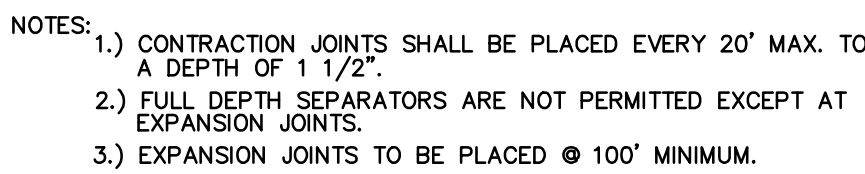
3200 Cold Springs Road
Indianapolis, Indiana 46223
(317) xxx-xxxx

Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206



6" STRAIGHT CURB
NO SCALE

DESIGN DEVELOPMENT
JUNE 24, 2013

[illegible]

PROJECT NO
12103.000

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

SHEET TITLE

SITE CONSTRUCTION DETAILS

SHEET NUMBER

C601

3200 Cold Springs Rd
Indianapolis, Indiana
46222

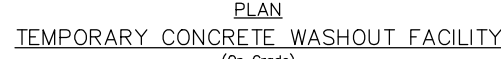
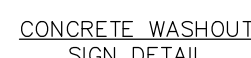
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

4640 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Suite 142
Carmel, Indiana 46032
(317) 663-3206



NOTES:

1. The concrete washout sign shall be installed within 50' of the temporary concrete washout facility.
2. Plastic liner shall be anchored with gravel-filled bags for below grade concrete washout.

06



07



NO SCALE



NO SCALE

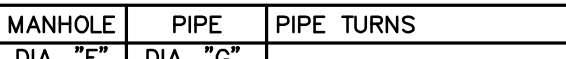
NO SCALE



(12" TO 18" PIPES)

NO SCALE

04



NOTES:

NOTES:

MANHOLE CONFORMS TO ASTM C-478

NO BRICK OR BLOCK WILL BE ALLOWED
IN MANHOLE

O-RING GASKET ASPHALTIC MASTIC
OR BUTYL RUBBER SEAL BETWEEN
MANHOLE JOINTS

STEPS REQUIRED FOR STORM
SEWER OVER 4' DEEP.

NO SCALE

01



LEGEND

Bc = OUTSIDE DIAMETER
D = INSIDE DIAMETER
d = DEPTH OF BEDDING MATERIAL BELOW PIPE

(GREATER THAN 5' FROM EDGE OF PAVEMENT)

NO SCAL

C602



LEGEND

Bc = OUTSIDE DIAMETER
D = INSIDE DIAMETER
d = DEPTH OF BEDDING
MATERIAL BELOW PIPE

(WITHIN 5' FROM EDGE OF PAVEMENT)

NO SCAL

03
C602

File Name: R:\TitleBlock_CD_30x42.dwg User Name: phlg
 Proj. Folder: L:\AutoCAD\Title Blocks\CD_Large Format\30x42\ AutoCAD Version: 17.1s (LMS Tech)
 Post Save Date: April 7 2011 08:14:28am Dimension Scale: 1

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect / Landscape Architect
RATIO Architects, Inc.
 Suite 100, Schrader Building
 107 South Pennsylvania Street
 Indianapolis, Indiana 46204
 (317) 633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206



DESIGN DEVELOPMENT
JUNE 27, 2013

[illegible]

CHECKED BY

APPROVED BY _____

PROJECT NO	12103.000
------------	-----------



RATIO

SHEET TITLE
**SITE REFERENCE
PLAN**

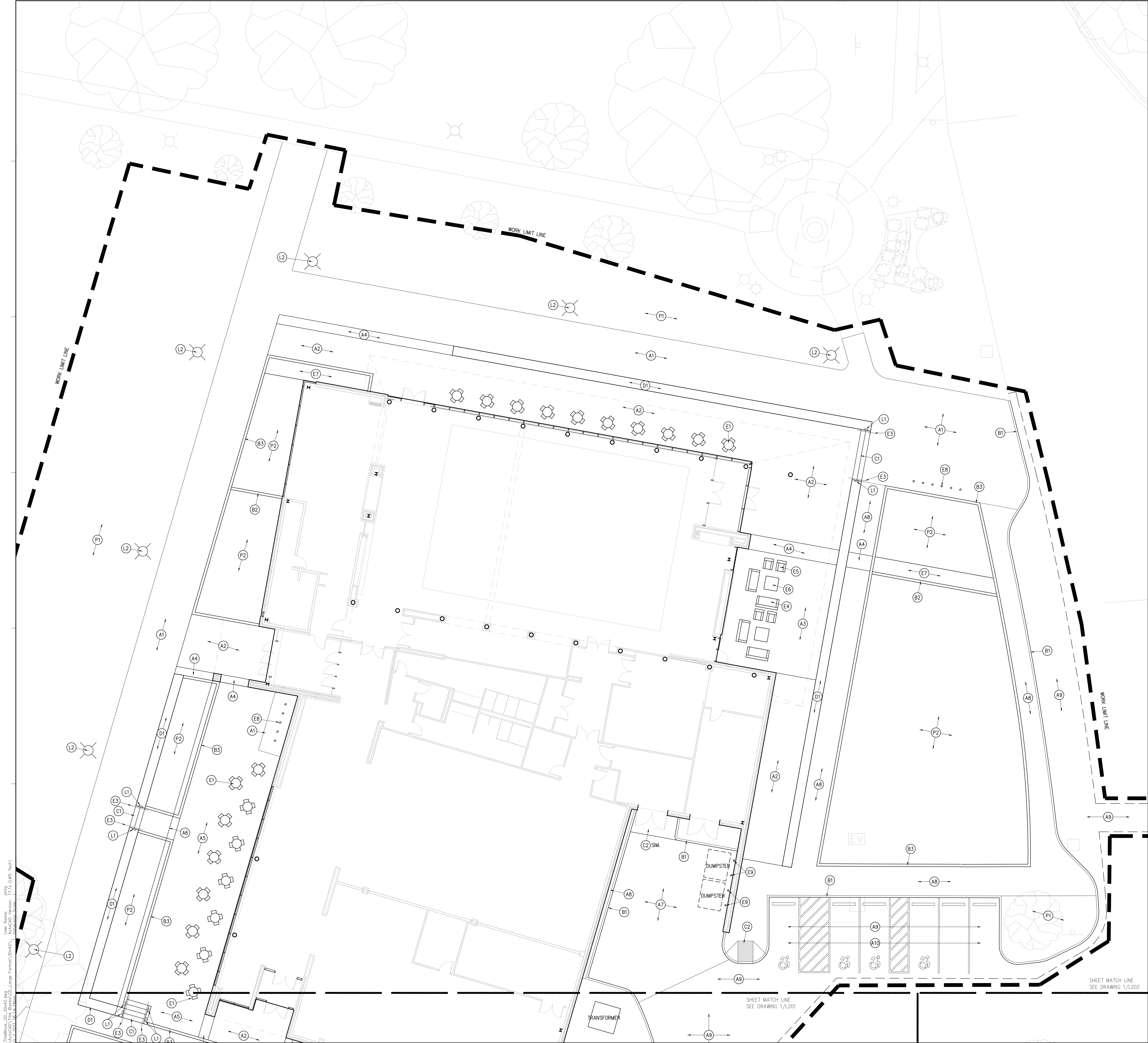
SHEET NUMBER

L200



NOTE: FILES AVAILABLE ELECTRONICALLY
FOR FIELD LAYOUT.

```
File Name: R:\TitleBlock_CD_30x42.dwg User Name: philg
Proj Folder: L:\AutoCAD\Title Blocks\CD_Large Format\30x42\ AutoCAD Version: 17.15 (LMS Tech)
```



SITE FEATURES NOTES:

- SURFACES**
- (A1) 5" C.I.P. CONCRETE PAVEMENT, WITH BEVELED SAW-CUT JOINTS, EXPOSED SAND MATRIX FINISH AND SEALER
 - (A2) PRECAST CONCRETE PAVER, SAND SWEEP JOINTS, COLOR A
 - (A3) PRECAST CONCRETE PAVER, SAND SWEEP JOINTS, COLOR B
 - (A4) PRECAST CONCRETE PAVER, SAND SWEEP JOINTS, COLOR C
 - (A5) PERMEABLE PRECAST CONCRETE PAVER, SAND SWEEP JOINTS, COLOR B
 - (A6) EXTRUDED ALUMINUM GRATE BRIDGE
 - (A7) 5" C.I.P. CONCRETE PAVEMENT, SEE CIVIL DRAWINGS
 - (A8) STANDARD C.I.P. CONCRETE PAVEMENT - SAWN JOINTS
 - (A9) ASPHALT PAVEMENT - SEE CIVIL DRAWINGS
 - (A10) PARKING STRIPING AND SYMBOLS, PAINT, WHITE AND BLUE - SEE SPECS.
- CURBS AND EDGES**
- (B1) C.I.P. CONCRETE CURB AND GUTTER, SEE CIVIL DRAWINGS
 - (B2) ARCHITECTURAL PRECAST CONCRETE WEIR CURB, SEE DETAIL 5/L700
 - (B3) ARCHITECTURAL PRECAST CONCRETE PLANTER CURB, SEE DETAIL 4/L700
- STEPS AND RAMPS**
- (C1) ARCHITECTURAL PRECAST STEPS
 - (C2) CURB RAMP, SEE DETAIL 3/L700
- WALLS**
- (D1) PLINTH/RETAINING WALL, BATTERED FACE, SEE DETAIL 1/L700
- SITE FEATURES**
- (E1) CAFE TABLE AND CHAIRS, SEE DETAILS 13/L700 AND 14/L700
 - (E2) WASTE RECEPTACLE, SEE DETAIL 16/L700
 - (E3) HANDRAIL, SEE DETAIL 6/L701
 - (E4) OUTDOOR RATED COUCH
 - (E5) OUTDOOR RATED LOUNGE CHAIR
 - (E6) OUTDOOR RATED COFFEE TABLE
 - (E7) GRANITE COBBLE, 4-6" DIAMETER
 - (E8) BIKE RACK, SEE DETAIL 15/L700
 - (E9) PAINTED PIPE BOLLARD, CONCRETE FILLED
- LIGHTING**
- (L1) RECESSED LUMINAIRE AT STEPS, SEE ELECTRICAL SHEETS
 - (L2) RELOCATED PEDESTRIAN LIGHTING, SEE ELECTRICAL SHEETS
- PLANTING**
- (P1) PLANTING AREA, SEE SHEET L501 AND L502
 - (P2) BIORETENTION AREA, SEE SHEET L501 AND L502

GENERAL SITEWORK NOTES:

- SITE SURVEY INFORMATION AND AS-BUILT CONDITION INFORMATION IS PROVIDED BY OWNER FOR REFERENCE ONLY AND WAS NOT PREPARED BY RATIO ARCHITECTS, INC. INFORMATION CONTAINED THEREIN IS THE SOLE RESPONSIBILITY OF THE SURVEYOR AND IS THEREFORE EXPRESSLY EXCLUDED FROM CERTIFICATION BY RATIO ARCHITECTS, INC.
- EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS BASED UPON INFORMATION AVAILABLE AT THE TIME. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES AND REPAIRING OR REPLACING DAMAGE DONE TO THEM DURING THE COURSE OF EXPLORATION, LOCATION AND CONSTRUCTION. TO HAVE EXISTING UNDERGROUND UTILITIES LOCATED AND IDENTIFIED, CONTACT INDIANA UNDERGROUND PLANT PROTECTION SERVICE AT 1-800-382-5544.
- CONTRACTOR IS RESPONSIBLE FOR COSTS ASSOCIATED WITH DISCONNECTING, REMOVING OR RELOCATING EXISTING UTILITIES, CONNECTING TO EXISTING UTILITIES AND COORDINATION AND INSTALLATION ASSOCIATED WITH NEW UTILITIES.
- CONTRACTOR SHALL TAKE PARTICULAR CARE WHEN EXCAVATING NEAR AND AROUND EXISTING UTILITY LINES AND EQUIPMENT SO AS NOT TO CAUSE DAMAGE. VERIFY COVER REQUIREMENTS WITH APPLICABLE UTILITY COMPANY. WHEN EXCAVATING AROUND OR OVER EXISTING UTILITIES, NOTIFY UTILITY COMPANY SO THAT REPRESENTATIVE MAY BE PRESENT TO OBSERVE AND INSTRUCT DURING WORK.
- VALVES, MANHOLES, UTILITY BOXES AND SIMILAR STRUCTURES NOT DESIGNATED FOR REMOVAL SHALL BE PROTECTED AND ADJUSTED TO NEW FINISH ELEVATIONS BY CONTRACTOR.
- CONTRACTOR SHALL VERIFY ALL VERTICAL AND HORIZONTAL DIMENSIONS AND FIELD CONDITIONS PRIOR TO STARTING WORK AND IS RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND BETWEEN CONTRACT DOCUMENTS AND ACTUAL FIELD DIMENSIONS OR CONDITIONS, NOTIFY ARCHITECT IMMEDIATELY.
- SITE DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO SURVEY LINES. PROPERTY LINES OR BUILDING LINES UNLESS NOTED OTHERWISE. DIMENSIONS GIVEN ARE NOT EXACT AND ARE ONLY TO AID THE CONTRACTOR.
- PROVIDE POSITIVE SURFACE DRAINAGE ON ALL SURFACES WITHOUT PONDING DURING CONSTRUCTION AND FOLLOWING COMPLETION. TEST FOR AND CORRECT ANY PONDING CONDITIONS. PROVIDE SMOOTH TRANSITIONS BETWEEN NEW AREAS AND EXISTING FEATURES.
- PROPOSED SPOT ELEVATIONS INDICATED ARE FINAL PAVEMENT OR FINAL GRADE ELEVATIONS. REFER TO APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED.
- ALL WORK SHALL COMPLY WITH STATE AND LOCAL REGULATIONS.
- REPAIR EXISTING PAVEMENT, CURBS AND IMPROVEMENTS DAMAGED OR DISTURBED BY CONSTRUCTION TO ORIGINAL CONDITIONS AFTER WORK IS COMPLETE.
- CONCRETE CURBS SHALL BE TOOLED TO COORDINATE WITH MOVEMENT AND JOINT SPACING OF ADJACENT SIDEWALKS.
- ALL RADII ARE 5'-0" UNLESS NOTED OTHERWISE.
- DO NOT INTERRUPT EXISTING UTILITIES THAT SERVE FACILITIES OCCUPIED OR USED BY OWNER OR OTHERS WITHOUT PRIOR APPROVAL FROM OWNER.
- REPAIR EXISTING LAWN AND PLANTING AREAS DISTURBED BY CONSTRUCTION TO ORIGINAL CONDITIONS AFTER WORK IS COMPLETE. PROVIDE ADDITIONAL TOPSOIL TO RESTORE GRADE ELEVATIONS TO EXISTING AND SEED OR SOO IF REQUIRED.
- ALL DISTURBED AREAS SHALL BE SOODED UNLESS OTHERWISE NOTED AS PLANTING AREA. SOODING SHALL EXTEND TO PROPERTY LINES WITHIN CONSTRUCTION LIMITS OR EDGE OF STREET UNLESS NOTED OTHERWISE.
- PROVIDE TEMPORARY TRAFFIC CONTROL, SIGNAGE, BARRICADES, BARRIERS, ETC., TO COMPLY WITH ALL APPLICABLE LOCAL STANDARDS.
- IF EXISTING ACTIVE DRAINAGE SYSTEMS ARE ENCOUNTERED DURING CONSTRUCTION, NOTIFY ARCHITECT IMMEDIATELY IN PREPARATION FOR RECONSTRUCTING SYSTEM TO ITS ORIGINAL CONDITION AND DRAINAGE PATTERN.
- REMOVE EXISTING STRUCTURES, IMPROVEMENTS, TREES, PLANTING MATERIAL, FENCING, ETC. WITHIN CONSTRUCTION LIMITS ACCORDING TO CONTRACT DOCUMENTS AND PROPERLY DISPOSE OF OFF SITE. BURNING OF ANY MATERIALS, ON SITE, IS PROHIBITED.
- EXPANSION JOINTS ARE DENOTED WITH 'E.J.'. ALL CONTROL JOINTS IN SIDEWALKS AND PERPENDICULAR TO THE BUILDING FACE IN THE PLAZA SHALL BE CONTROL JOINT 'A'. ALL CONTROL JOINTS PARALLEL TO THE BUILDING FACE IN THE PLAZA SHALL BE CONTROL JOINT 'B'. REFER TO DETAIL 2/L701.

Marian University ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect / Landscape Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Structural Engineer

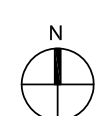
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206



KEY PLAN

DESIGN DEVELOPMENT

JUNE 27, 2013

REISSUE

000 000

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



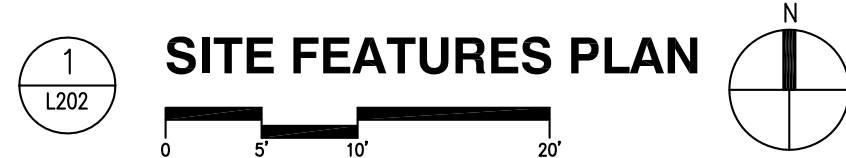
RATIO

SHEET TITLE

**SITE FEATURES
PLAN**

SHEET NUMBER

L201

**SITE FEATURES NOTES:**

(A1)	5" C.I.P. CONCRETE PAVEMENT, WITH BEVELED SAW-CUT JOINTS, EXPOSED SAND MATRIX FINISH AND SEALER
(A2)	PRECAST CONCRETE PAYER, SAND SWEEP JOINTS, COLOR A
(A3)	PRECAST CONCRETE PAYER, SAND SWEEP JOINTS, COLOR B
(A4)	PRECAST CONCRETE PAYER, SAND SWEEP JOINTS, COLOR C
(A5)	PERMEABLE PRECAST CONCRETE PAYER, SAND SWEEP JOINTS, COLOR B
(A6)	EXTRUDED ALUMINUM GRATE BRIDGE
(A7)	5" C.I.P. CONCRETE PAVEMENT, SEE CIVIL DRAWINGS
(A8)	STANDARD C.I.P. CONCRETE PAVEMENT - SAWN JOINTS
(A9)	ASPHALT PAVEMENT - SEE CIVIL DRAWINGS
(A10)	PARKING STRIPING AND SYMBOLS, PAINT, WHITE AND BLUE - SEE SPECS.

(B1) C.I.P. CONCRETE CURB AND GUTTER, SEE CIVIL DRAWINGS
(B2) ARCHITECTURAL PRECAST CONCRETE WEIR CURB, SEE DETAIL 5/L700
(B3) ARCHITECTURAL PRECAST CONCRETE PLANTER CURB, SEE DETAIL 4/L700

(C1) ARCHITECTURAL PRECAST STEPS
(C2) CURB RAMP, SEE DETAIL 3/L700

① PLINTH/RETAINING WALL, BATTERED FACE, SEE DETAIL 1/L700

- (E1) CAFE TABLE AND CHAIRS, SEE DETAILS 13/L700 AND 14/L700
- (E2) WASTE RECEPTACLE, SEE DETAIL 16/L700
- (E3) HANDRAIL, SEE DETAIL 6/L701
- (E4) OUTDOOR RATED COUCH
- (E5) OUTDOOR RATED LOUNGE CHAIR
- (E6) OUTDOOR RATED COFFEE TABLE
- (E7) GRANITE COBBLE, 4-6" DIAMETER
- (E8) BIKE RACK, SEE DETAIL 15/L700
- (E9) PAINTED PIPE BOLLARD, CONCRETE FILLED

(L1) RECESSED LUMINAIRE AT STEPS, SEE ELECTRICAL SHEETS

(L2) RELOCATED PEDESTRIAN LIGHTING, SEE ELECTRICAL SHEETS

(P1) PLANTING AREA, SEE SHEET L501 AND L502
(P2) BIORETENTION AREA, SEE SHEET L501 AND L502

GENERAL SITEWORK NOTES:

1. SITE SURVEY INFORMATION AND AS-BUILT CONDITION INFORMATION IS PROVIDED BY OWNER FOR REFERENCE ONLY AND WAS NOT PREPARED BY RATIO ARCHITECTS, INC. EXAMINATION CONTAINED LOCUS IS NOT THE RESPONSIBILITY OF THE SURVEYOR AND IS THEREFORE EXPRESSLY EXCLUDED FROM CERTIFICATION BY RATIO ARCHITECTS, INC.
2. EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS BASED UPON INFORMATION AVAILABLE AT THE TIME. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND REPAIRING OR REPLACING DAMAGE DONE TO THEM DURING THE COURSE OF EXPLORATION, LOCATION AND CONSTRUCTION. TO HAVE EXISTING UNDERGROUND UTILITIES LOCATED AND EXPOSED, CONTACT INDIANA UNDERGROUND PLANT PROTECTION SERVICE AT 1-800-382-5544.
3. CONTRACTOR IS RESPONSIBLE FOR COSTS ASSOCIATED WITH DISCONNECTING, REMOVING OR RELOCATING EXISTING UTILITIES, CONNECTING TO EXISTING UTILITIES AND COORDINATION AND INSTALLATION ASSOCIATED WITH NEW UTILITIES.
4. CONTRACTOR SHALL TAKE PARTICULAR CARE WHEN EXCAVATING NEAR AND AROUND EXISTING UTILITY LINES AND EQUIPMENT AS NOT TO CAUSE DAMAGE. VERIFY COVER REQUIREMENTS WITH APPLICABLE UTILITY COMPANY. WHEN EXCAVATING AROUND OR OVER EXISTING UTILITIES, NOTIFY UTILITY COMPANY SO THAT REPRESENTATIVE MAY BE PRESENT TO OBSERVE AND INSTRUCT DURING WORK.
5. VALVES, MANHOLES, UTILITY BOXES AND SIMILAR STRUCTURES NOT DESIGNATED FOR REMOVAL SHALL BE PROTECTED AND ADJUSTED TO NEW FINISH ELEVATIONS BY CONTRACTOR.
6. CONTRACTOR SHALL VERIFY ALL VERTICAL AND HORIZONTAL DIMENSIONS AND FIELD CONDITIONS PRIOR TO STARTING WORK AND IS RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND BETWEEN CONTRACT DOCUMENTS AND ACTUAL FIELD DIMENSIONS OR CONDITIONS, NOTIFY ARCHITECT IMMEDIATELY.
7. SITE DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO SURVEY LINES. PROPERTY LINES OR BUILDING LINES UNLESS NOTED OTHERWISE. DIMENSIONS GIVEN ARE NOT EXACT AND ARE ONLY TO AID THE CONTRACTOR.
8. PROVIDE POSITIVE SURFACE DRAINAGE ON ALL SURFACES WITHOUT PONDING DURING CONSTRUCTION AND FOLLOWING COMPLETION. TEST FOR AND CORRECT ANY PONDING CONDITIONS. PROVIDE SMOOTH TRANSITIONS BETWEEN NEW AREAS AND EXISTING FEELINGS.
9. PROPOSED SPOT ELEVATIONS INDICATED ARE FINAL PAVEMENT OR FINAL GRADE ELEVATIONS. REFER TO APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED.
10. ALL WORK SHALL COMPLY WITH STATE AND LOCAL REGULATIONS.
11. REPAIR EXISTING PAVEMENT, CURBS AND IMPROVEMENTS DAMAGED OR DISTURBED BY CONSTRUCTION TO ORIGINAL CONDITIONS AFTER WORK IS COMPLETE.
12. CONCRETE CURBS SHALL BE TOOLED TO COORDINATE WITH MOVEMENT AND JOINT SPACING OF ADJACENT SIDEWALKS.
13. ALL RADIi ARE 5'-0" UNLESS NOTED OTHERWISE.
14. DO NOT INTERRUPT EXISTING UTILITIES THAT SERVE FACILITIES OCCUPIED OR USED BY OWNER OR OTHERS WITHOUT PRIOR APPROVAL FROM OWNER.
15. REPAIR EXISTING LAWN AND PLANTING AREAS DISTURBED BY CONSTRUCTION TO ORIGINAL CONDITIONS AFTER WORK IS COMPLETE. PROVIDE ADDITIONAL TOPSOIL TO RESTORE GRADE ELEVATIONS TO EXISTING AND SEED OR SOIL IF REQUIRED.
16. ALL DISTURBED AREAS SHALL BE SODDED UNLESS OTHERWISE NOTED AS PLANTING AREA. SODDING SHALL EXTEND TO PROPERTY LINES WITHIN CONSTRUCTION LIMITS OR EDGE OF STREET UNLESS NOTED OTHERWISE.
17. PROVIDE TEMPORARY TRAFFIC CONTROL, SIGNAGE, BARRICADES, BARRIERS, ETC., TO COMPLY WITH ALL APPLICABLE LOCAL STANDARDS.
18. IF EXISTING ACTIVE DRAINAGE SYSTEMS ARE ENCOUNTERED DURING CONSTRUCTION, NOTIFY ARCHITECT IMMEDIATELY FOR PREPARATION FOR RECONSTRUCTING SYSTEM TO ITS ORIGINAL CONDITION AND DRAINAGE PATTERN.
19. REMOVE EXISTING STRUCTURES, IMPROVEMENTS, TREES, PLANTING MATERIAL, FENCING, ETC. WITHIN CONSTRUCTION LIMITS ACCORDING TO CONTRACT DOCUMENTS AND PROPERLY DISPOSE OF SITE. BURNING OF ANY MATERIALS, ON SITE, IS PROHIBITED.
20. EXPANSION JOINTS ARE DENOTED WITH 'E'. ALL CONTROL JOINTS IN SIDEWALKS AND PERPENDICULAR TO THE BUILDING FACE IN THE PLAZA SHALL BE CONTROL JOINT 'A'. ALL CONTROL JOINTS PARALLEL TO THE BUILDING FACE IN THE PLAZA SHALL BE CONTROL JOINT 'B'. REFER TO DETAIL 2/L701.

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

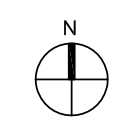
Architect / Landscape Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206



KEY PLAN

DESIGN DEVELOPMENT
JUNE 27, 2013

[illegible]

CHECKED BY

APPROVED BY

PROJECT NO.
12103.000



RATIO

SHEET TITLE
SITE FEATURES
PLAN

SHEET NUMBER

L202

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect / Landscape Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Structural Engineer

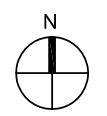
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206



KEY PLAN

DESIGN DEVELOPMENT
JUNE 27, 2013

REISSUE

000 000

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



RATIO

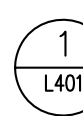
SHEET TITLE

GRADING PLAN

SHEET NUMBER

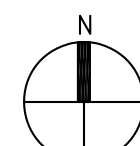
L401

File Name: R:\Projects\12103\12103-000\12103-000-000.dwg
Plot Folder: R:\Projects\12103\12103-000\12103-000-000
Last Save Date: 6/27/2013 1:28:00 PM
User Name: J. L. M. (JLM)
AutoCAD Version: 17.11 (JLM Test)
Printer/Plotter: HP DesignJet 5000 Series
Plot Scale: 1"=10'-0"



1
L401
GRADING PLAN

0 5 10 20



Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

ner

Indian University
10 Cold Springs Road
Bloomington, Indiana 46222
(7) xxx-xxxx

Architect / Landscape Architect

TIO Architects, Inc.
 Suite 100, Schrader Building
 100 South Pennsylvania Street
 Indianapolis, Indiana 46204
 (317) 633-4040

Structural Engineer

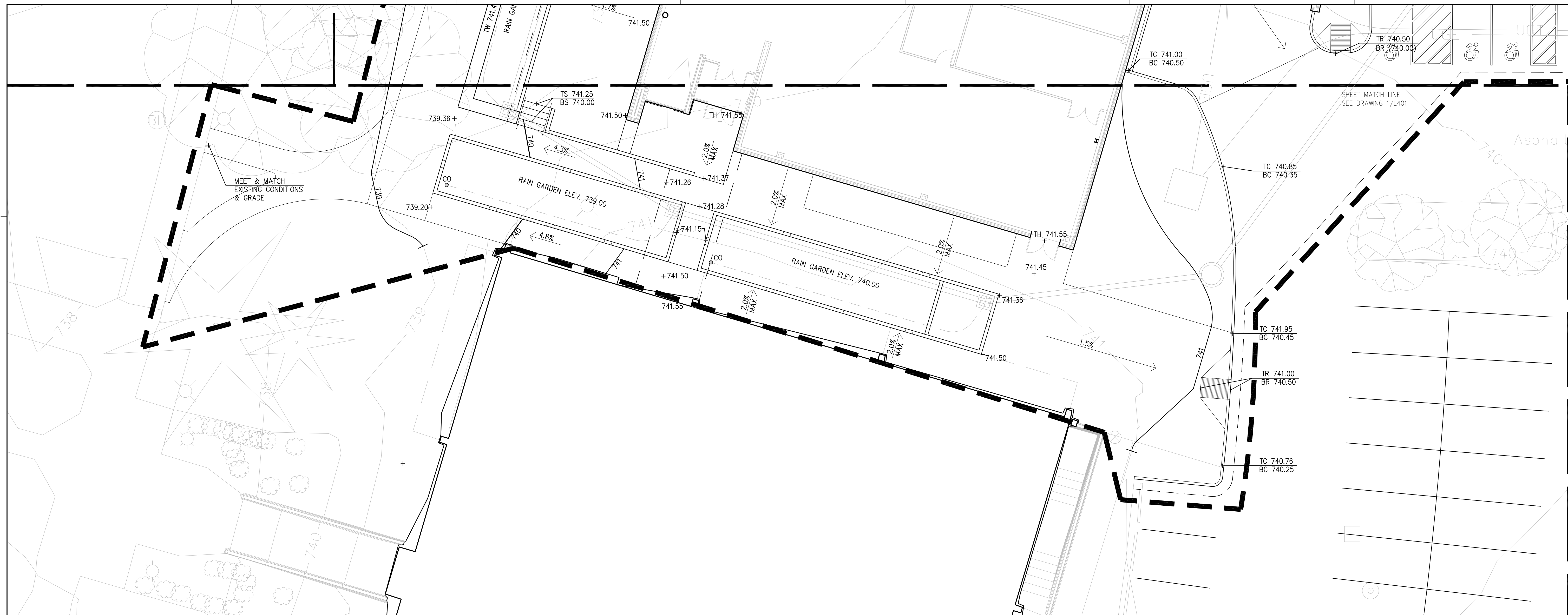
K Roberts & Petrie, Inc.
10 Vincennes Circle
Suite 300
Bloomington, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

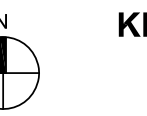
E. Dimond and Associates, Inc.
North Capitol Avenue
Anapolis, Indiana 46204
(317) 634-4672

Oil Engineer

Selling Engineering, LLC
95 Illinois Street
Suite 142
Mishawaka, Indiana 46032
(765) 663-3206



SITE GRADING PLAN



KEY PLAN

DESIGN DEVELOPMENT
JUNE 27, 2013[illegible]

CKED BY	
---------	--

APPROVED BY	
-------------	--

PROJECT NO.	
-------------	--

3.000



ATIO OF RAY
LAW RI
OTHER

TRADING PLAN

ET NUMBER

402

File Name: R:\TitleBlock_CD_30x42.dwg
 Proj Folder: L:\AutoCAD\Title Blocks\CD_Large Format\30x42\
 Last Save Date: April 7 2011 06:14:28pm
 User Name: phlig
 AutoCAD Version: 17.1s (LMS Tech)
 Dimension Scale: 1

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect / Landscape Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

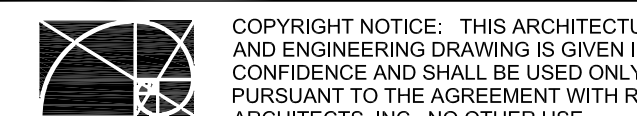
DESIGN DEVELOPMENT
JUNE 27, 2013

REISSUE	
000	000

CHECKED BY	
------------	--

APPROVED BY _____

PROJECT NO.	
12103.000	



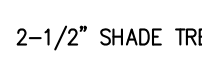
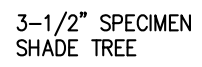
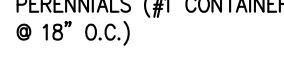
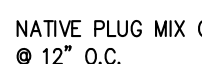
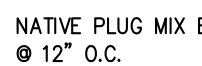
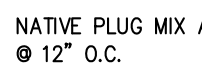
RATIO
OF RATIO ARCHITECTS, INC. ALL COMM
LAW RIGHTS OF COPYRIGHT AND
OTHERWISE ARE HEREBY SPECIFICALLY
RESERVED.

SHEET TITLE
PLANTING PLAN

SHEET NUMBER

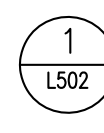
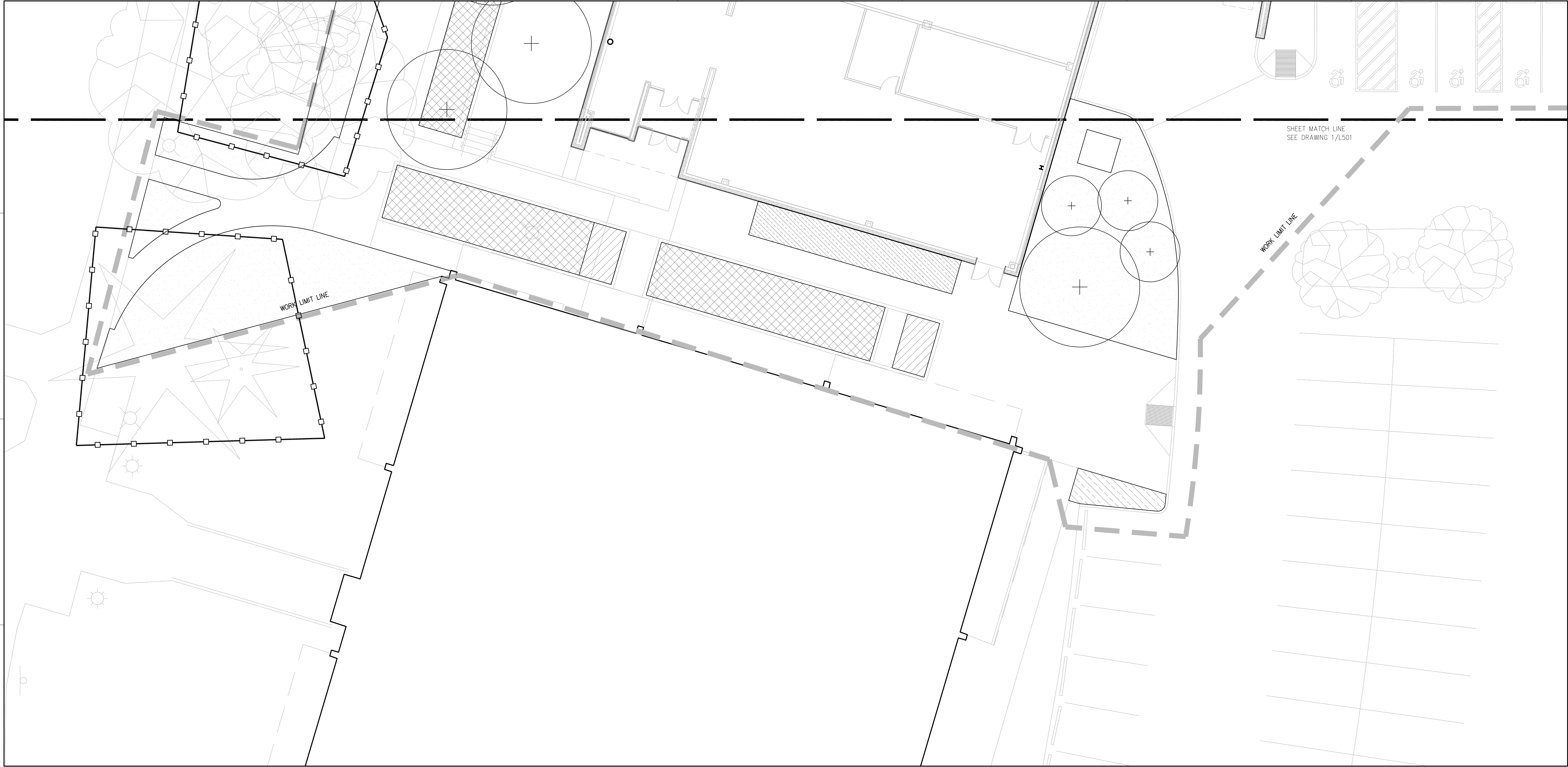
L501

PLANTING LEGEND:

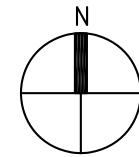


File Name: R_TitleBlock_CD_30x42.dwg User Name: philg
 Proj Folder: L:\AutoCAD\Title Blocks\CD_Large Format\30x42\ AutoCAD Version: 17.1s (LMS Tech)
 Last Save Date: April 7, 2011 06:14:28am Dimension Scale: 1

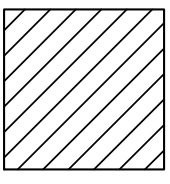
File Name: R:\TheBlock_CD_2042.dwg User Name: rking Date: 4/11/2011 10:44:28am
Plot Size: 11x17 Dimension Scale: 1/8"=1'-0"



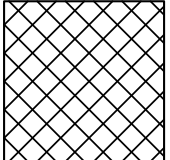
1
L502



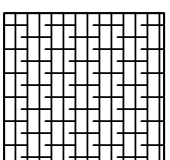
PLANTING LEGEND:



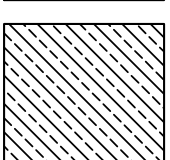
NATIVE PLUG MIX A
Ø 12" O.C.



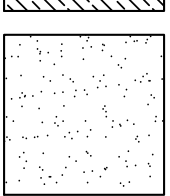
NATIVE PLUG MIX B
Ø 12" O.C.



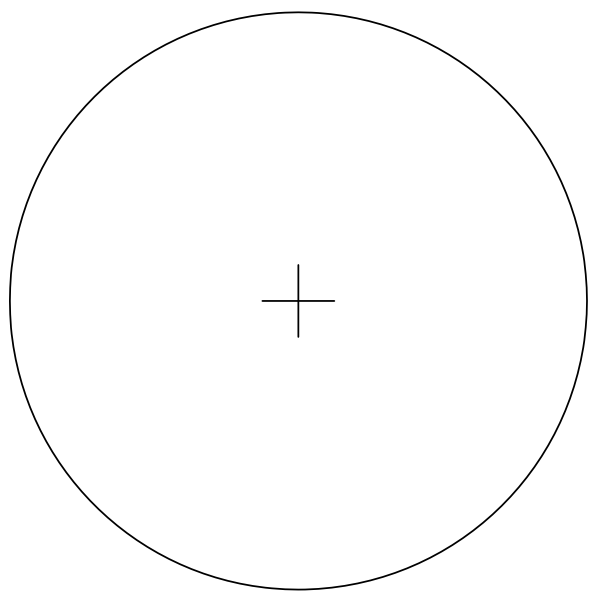
NATIVE PLUG MIX C
Ø 12" O.C.



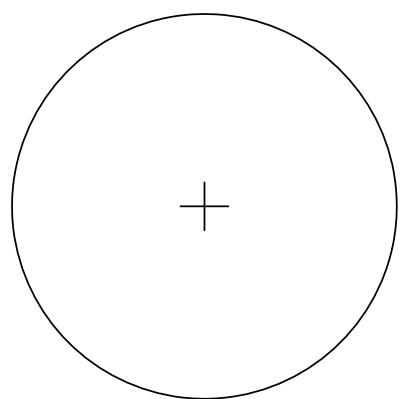
PERENNIALS (#1 CONTAINER
Ø 18" O.C.)



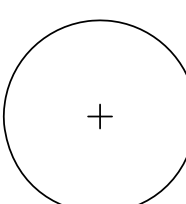
TURF 500



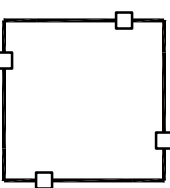
3-1/2" SPECIMEN
SHADE TREE



2-1/2" SHADE TREE



8" MULTI-STEM
ORNAMENTAL TREE



TREE PROTECTION FENCE

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect / Landscape Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206



KEY PLAN

DESIGN DEVELOPMENT
JUNE 27, 2013

REISSUE

000 000

CHECKED BY

APPROVED BY

PROJECT NO.
12103.000



RATIO

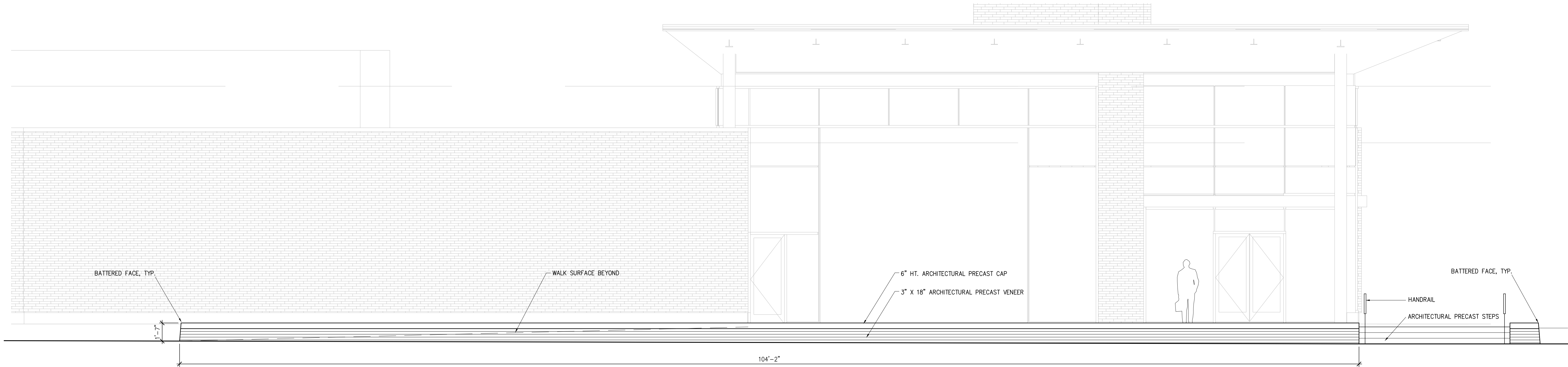
SHEET TITLE

PLANTING PLAN

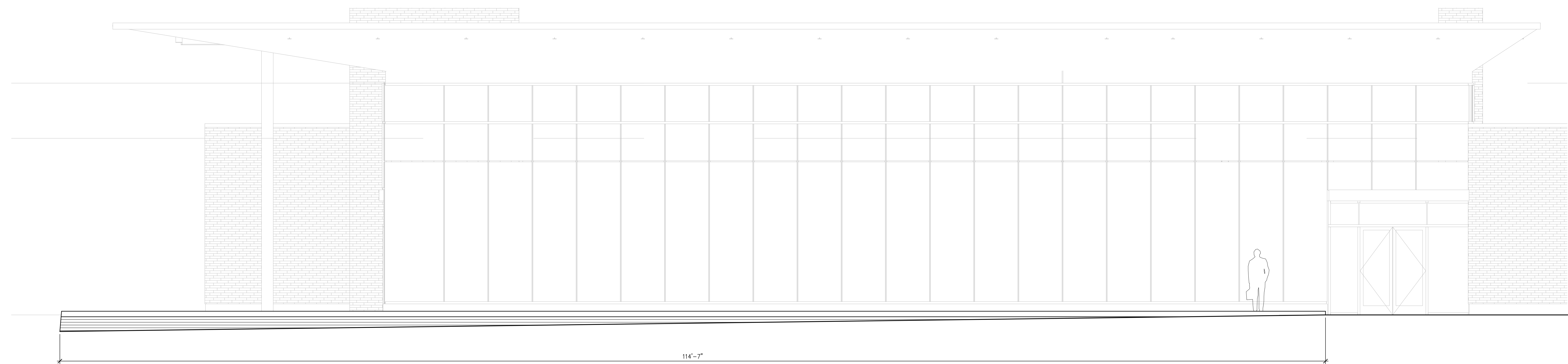
SHEET NUMBER

L502

File Name: R:\TheBlock_CD_20142.dwg User Name: efing (LMS Tech)
Last Save Date: April 7, 2011 06:44:28pm Dimension Scale: 1/4" = 1'-0"



1
L701
PLINTH EAST ELEVATION
1/4" = 1'-0"



2
L701
PLINTH NORTH ELEVATION
1/4" = 1'-0"

Marian University ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect / Landscape Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Structural Engineer

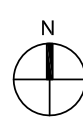
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206



KEY PLAN

DESIGN DEVELOPMENT
JUNE 27, 2013

REISSUE

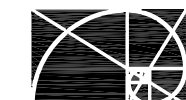
000 000

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



RATIO

SHEET TITLE

SITE DETAILS

SHEET NUMBER

L701

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect / Landscape Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 634-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206



DESIGN DEVELOPMENT
JUNE 27, 2013

REISSUE

000 000

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



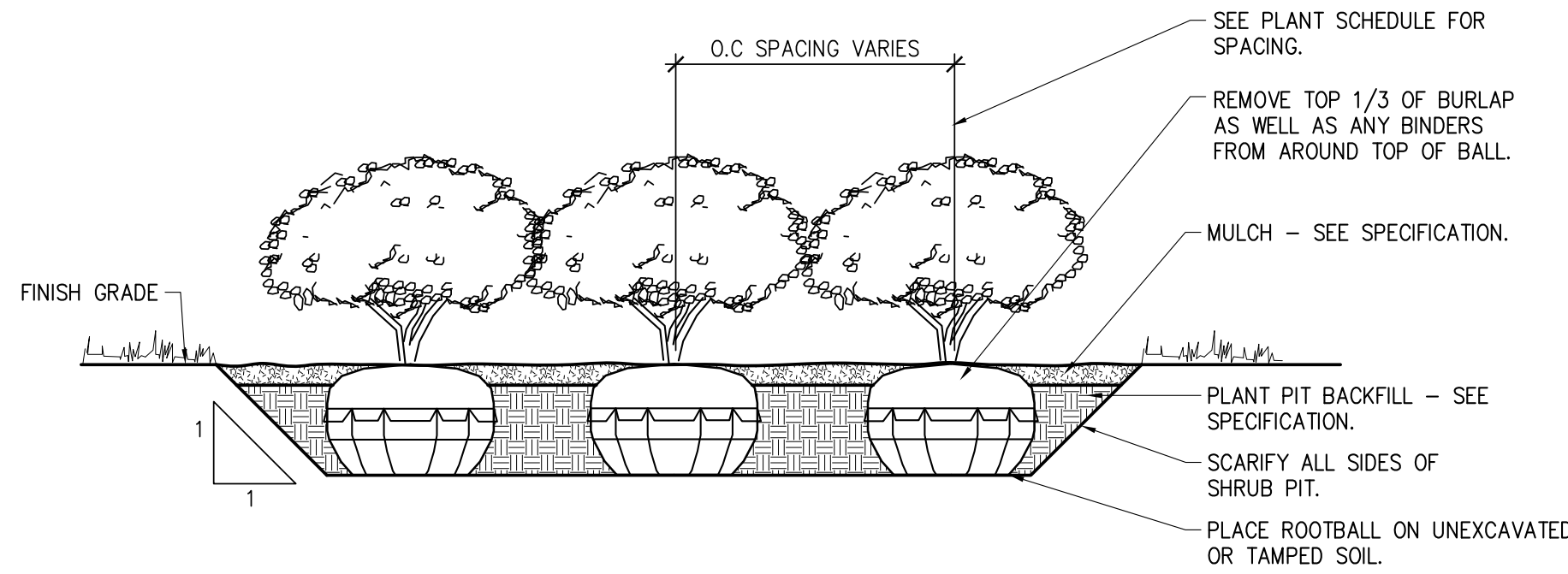
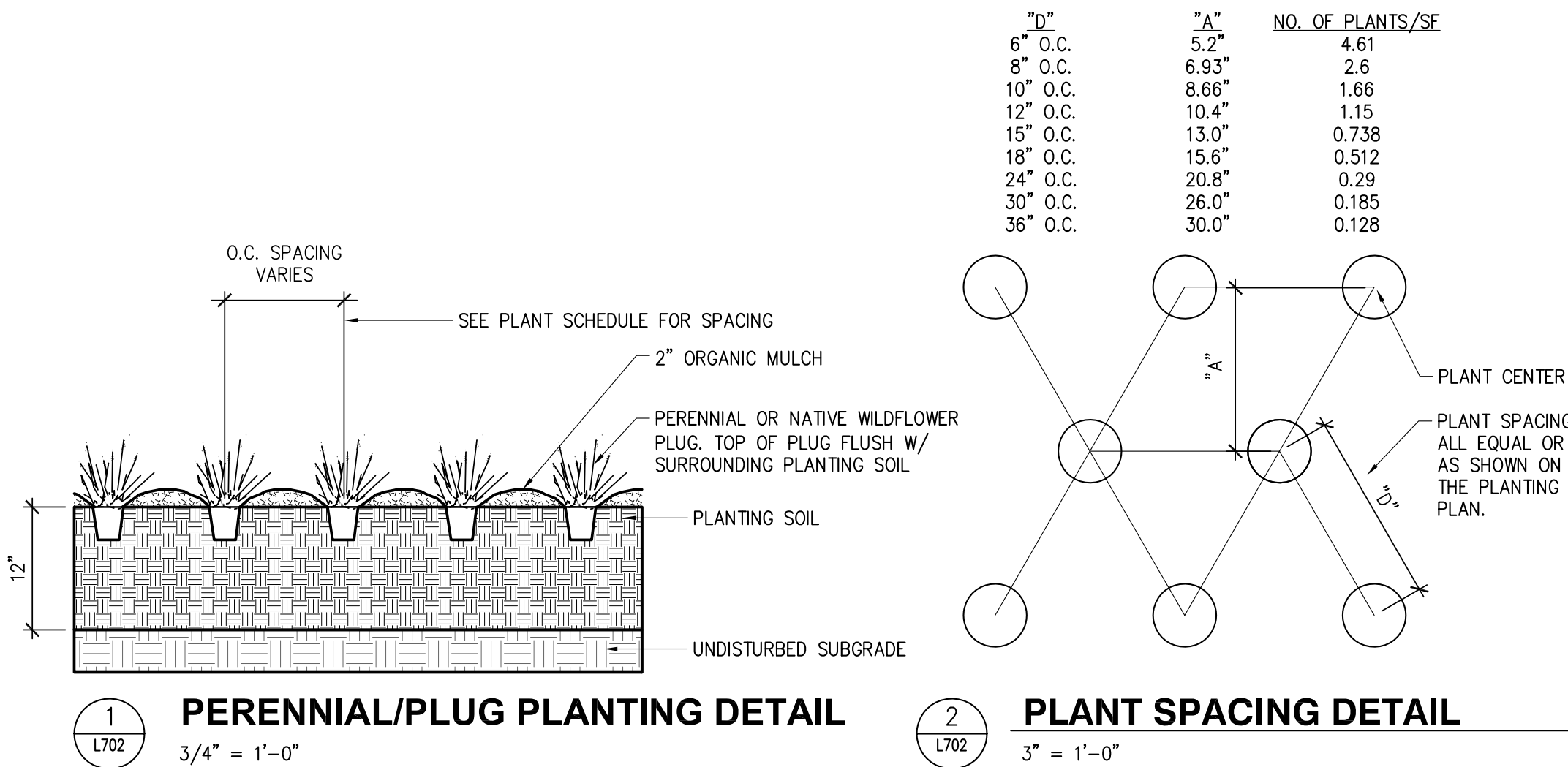
RATIO

SHEET TITLE

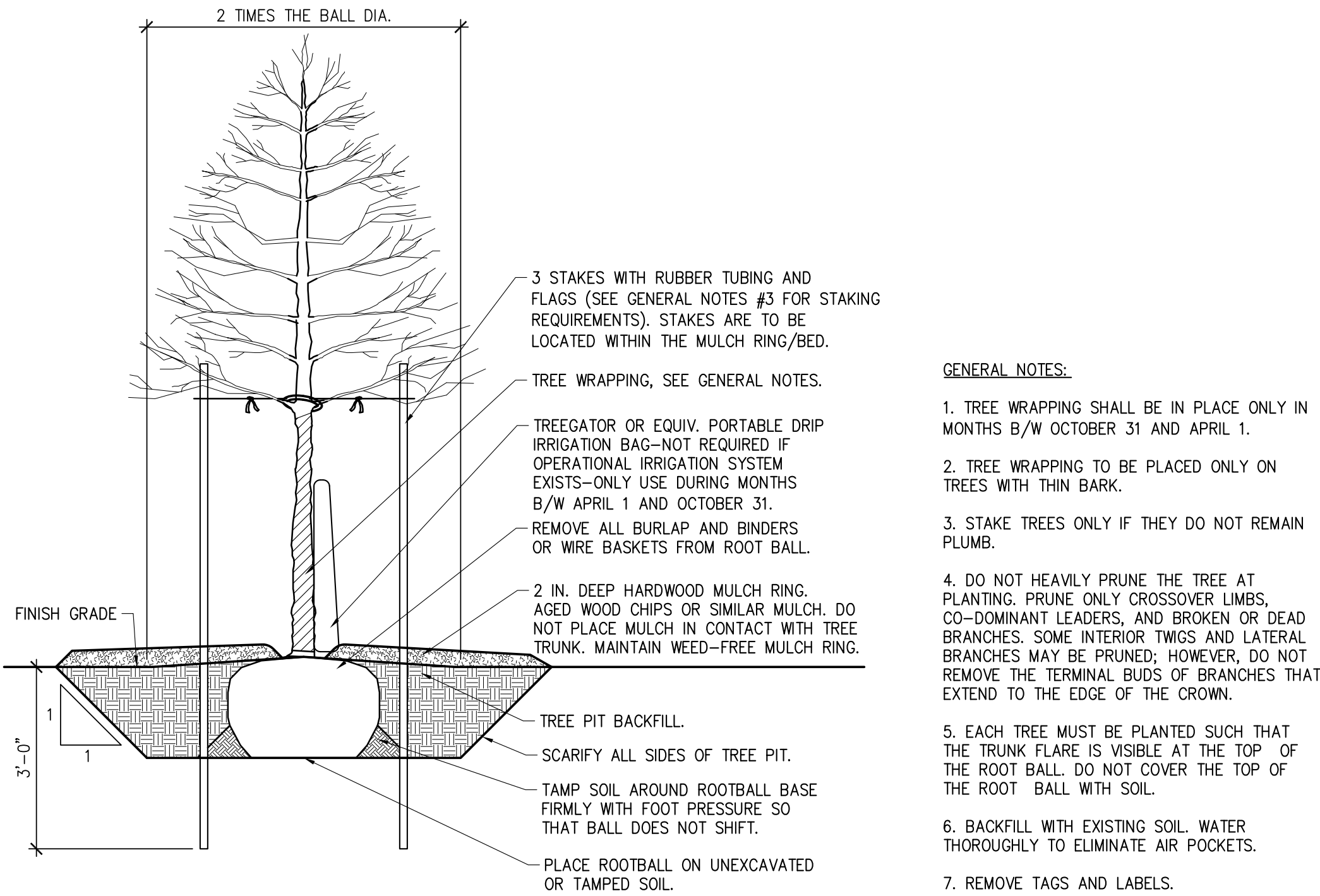
PLANTING DETAILS

SHEET NUMBER

L702

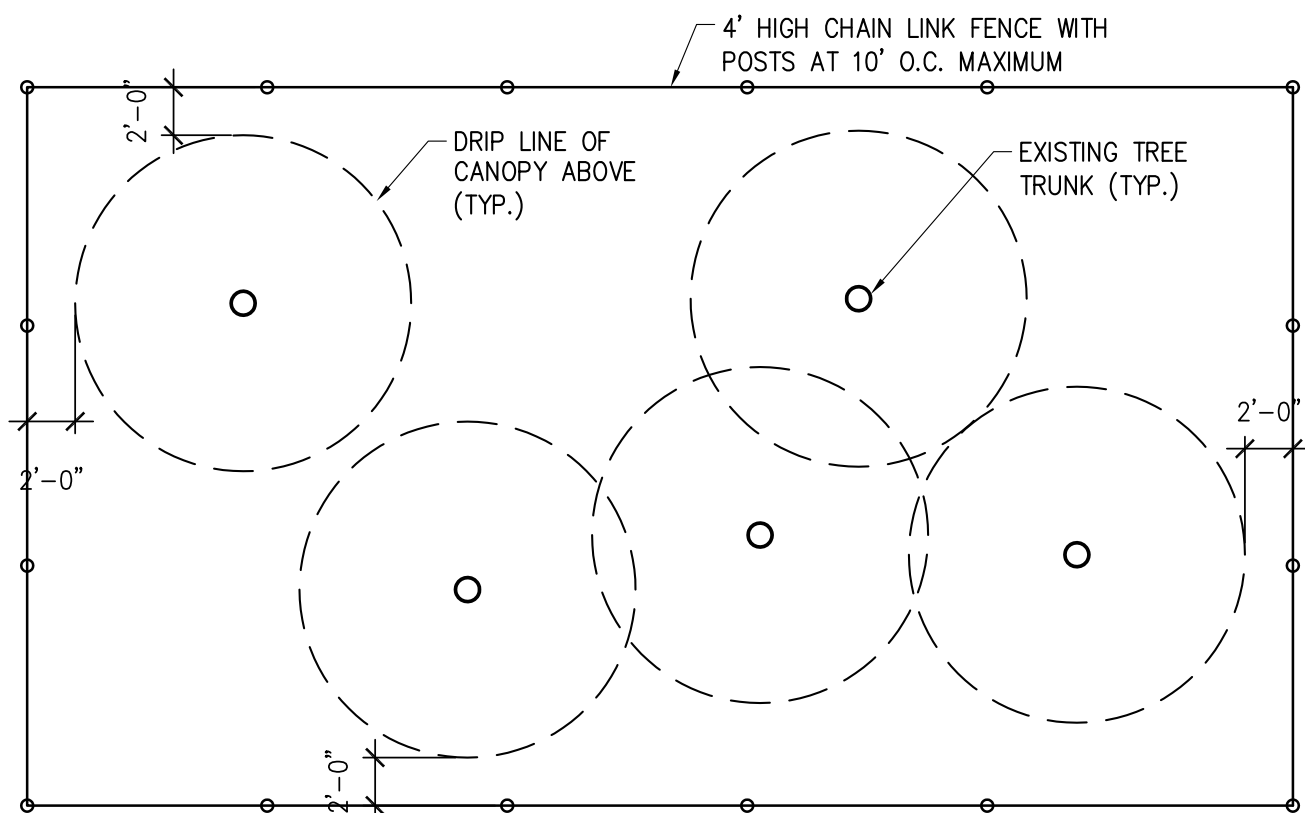


3
L702
SHRUB PLANTING DETAIL
1/2" = 1'-0" DECIDUOUS OR EVERGREEN SPECIES



- GENERAL NOTES:
1. TREE WRAPPING SHALL BE IN PLACE ONLY IN MONTHS B/W OCTOBER 31 AND APRIL 1.
 2. TREE WRAPPING TO BE PLACED ONLY ON TREES WITH THIN BARK.
 3. STAKE TREES ONLY IF THEY DO NOT REMAIN PLUMB.
 4. DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED; HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
 5. EACH TREE MUST BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
 6. BACKFILL WITH EXISTING SOIL. WATER THOROUGHLY TO ELIMINATE AIR POCKETS.
 7. REMOVE TAGS AND LABELS.

4
L702
TREE PLANTING DETAIL
1/2" = 1'-0" DECIDUOUS OR EVERGREEN SPECIES



5
L702
TREE PROTECTION DETAIL
1/8" = 1'-0"

DESIGN INFORMATION

1.0 DESIGN CODE INFORMATION

1. INDIANA BUILDING CODE, 2008 EDITION, BASED UPON THE 2006 INTERNATIONAL BUILDING CODE AS WELL AS ASCE 7-05 WHERE APPLICABLE.

2. COLUMN AND WALL FOOTING DESIGN BEARING CAPACITY IS BASED ON USING A "RAMMED AGGREGATE PIER (RAP)" FOUNDATION SYSTEM WITH AN ALLOWABLE NET BEARING CAPACITY OF A LEAST 3000 PSF TYPICAL.

5.1. K30 = 100 PCI

1. SEE CONCRETE SCHEDULE FOR REQUIRED 28-DAY COMPRESSIVE STRENGTHS.

1. ANCHOR RODS: ASTM F1554 GRADES 36 TYPICAL, 55 AND 105 AS NOTED. PLATES, CHANNELS, ANGLES, RODS: ASTM A36 UNLESS OTHERWISE

4. SQUARE AND RECTANGULAR HSS: ASTM A500, GRADE B, $F_y = 46$ KSI
 5. ROUNDED HSS: ASTM A500, GRADE B, $F_y = 42$ KSI, IN ESS OTHERWISE
 6. WIDE FLANGE & TEE SHAPES: ASTM A992
 7. PLATES, CHANNELS, ANGLES, RODS, AS 1011M A50, UNLESS OTHERWISE
 NOTED.

6. STEEL PIPE: ASTM A53, GRADE B, $F_y = 35$ KSI

1.1.	PUBLIC AREAS AND LOBBIES.....	100 PSF
1.2.	CORRIDORS	100 PSF
1.3.	SNOW LOAD:	
	DESIGN GROUND SNOW LOAD, P_g	20 PSF
	TEMPERATURE CATEGORY	B

SNOW EXPOSURE FACTOR, C_e	1.0
SNOW LOAD IMPORTANCE FACTOR, I_s	1.0
THERMAL FACTOR, C_t	1.0
DESIGN FLAT ROOF SNOW LOAD.....	25 PSF

PER TWO-WHEELED AXLE FOR CONSTRUCTION AND OPERATIONS

2. FRAME WIND LOADS, BASED ON 2006 IBC (ASCE 7-05)

2.1. WIND OCCUPANCY CATEGORY III

2.4.	WIND EXPOSURE.....	B
2.5.	WIND DIRECTIONALITY FACTOR, K _d	0.85
2.6.	TOPOGRAPHIC FACTOR, K _t	1.00
2.7.	ENCLOSURE CLASSIFICATION.....	ENCLOSED

2.0	INSTRUMENTAL RECORDING CATEGORY.....	4.0-10
3.	FRAME SEISMIC LOADS: BASED ON 2006 IBC (ASCE 7-05)	
3.1	SEISMIC OCCUPANCY CATEGORY.....	III
3.2	SITE CLASSIFICATION.....	D

3.6.	SEISMIC DESIGN CATEGORY.....	C
3.5.	ONE SECOND PERIOD RESPONSE ACCELERATION, S1.....	0.084
3.4.	SIXTH PERIOD RESPONSE ACCELERATION, S6.....	0.195
3.3.	SEISMIC ANALYSIS PROCEDURE.....	

2. DESIGN WIND & SEISMIC LOAD CRITERIA FOR C/ ADDING SYSTEMS
SYSTEM OF ORDINARY STEEL CONCENTRICALLY BRACED FRAMES
NOT DETAILED FOR SEISMIC RESISTANCE (R=3)

1.1. BUILDING IS TO BE CONSIDERED ENCLOSED.
A. INTERNAL PRESSURE COEFFICIENT, $GCF = +/- 0.18$
B. EXTERNAL PRESSURE COEFFICIENTS ARE TO BE BASED ON COMPONENT EFFECTIVE WIND AREA AND

1.5.	VELOCITY PRESSURE, q_z	14.2 PSF
1.4.	WIND DIRECTIONALITY FACTOR, K_d	0.85
1.3.	TOPOGRAPHIC FACTOR, K_{zt}	1.00
1.2.	EXPOSURE CATEGORY, K_{zt}	0.70

2. CLADDING SEISMIC LOADS: IN ACCORDANCE WITH 2006 IBC (ASCE 7-05)

\$000

Marian University
ALUMNI HALL
3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317.633.4246

Structural Engineer
Fink Roberts & Patis, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46258
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Diamond and Associates, Inc.
732 North College Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Steeling Engineering, LLC
10000 East 82nd Street
Suite 1402
Carmel, Indiana 46032
(317) 663-3265

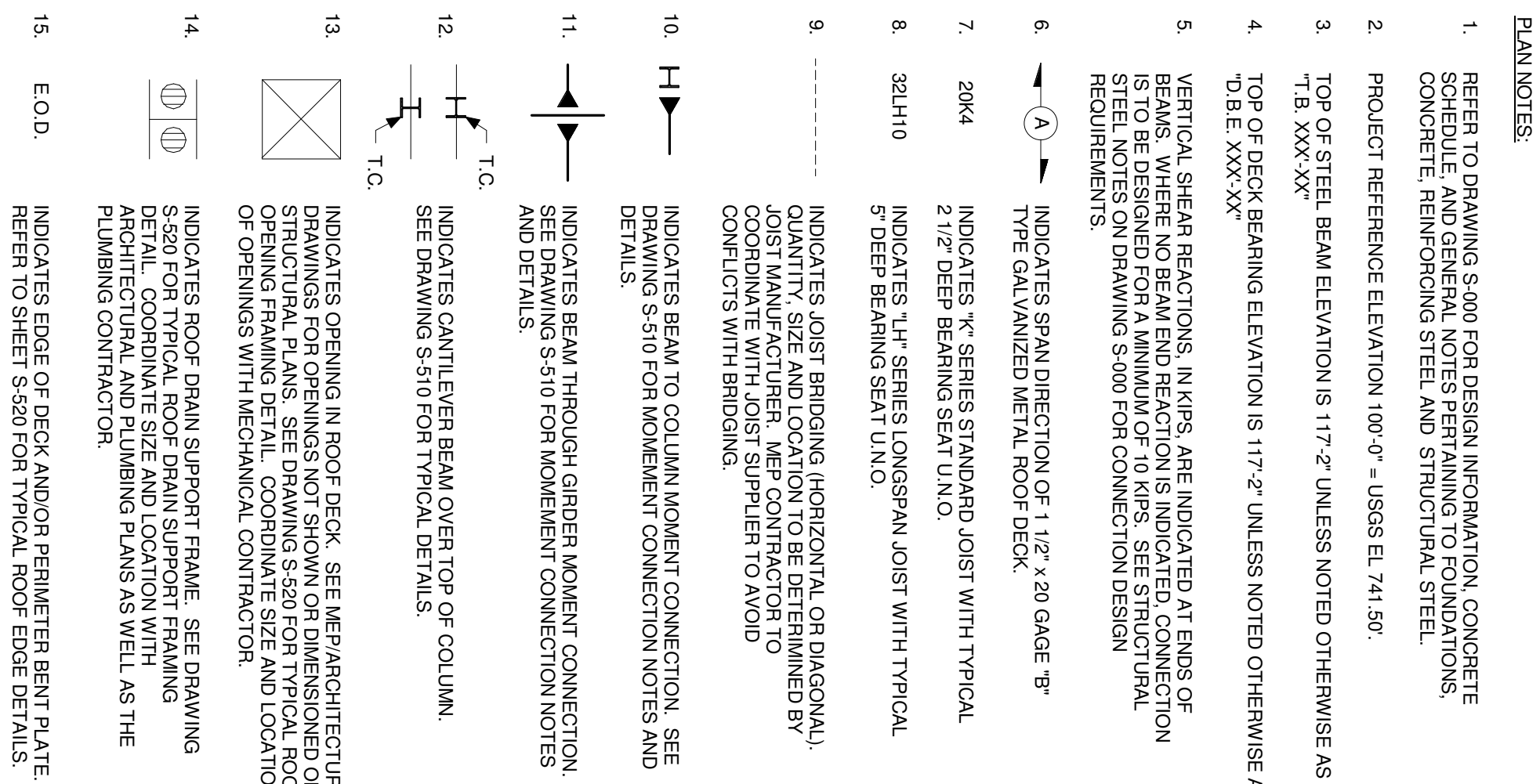
NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT 6/27/13
REISSUE

CHECKED BY	
APPROVED BY	
PROJECT NO.	13026.00
SHEET TITLE	FOUNDATION PLAN
RATIO	COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN FULL PAYMENT TO THE AGENT WITH HAND OF RATIO ARCHITECTS, INC. ALL COMMON OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

SHEET NUMBER
S101



- PLANNING:
- REFER TO DRAWING S-000 FOR DESIGN INFORMATION, CONCRETE SCHEDULE, AND GENERAL NOTES PERTAINING TO FOUNDATIONS, CONCRETE, REINFORCING STEEL, AND STRUCTURAL STEEL.
 - PROJECT REFERENCE ELEVATION 100'-0" - USGS EL. 741.50'.
 - SLAB ON GRADE: 5" THICK CONCRETE BASEMENT SLAB OVER WHOP RETARDER ON 6" COMPACTED FREE DRAINING GRANULAR FILL. TOP OF RETARDER TO BE FINISHED GRADE. SEE DRAWING S-000 FOR DETAILS. REFER TO DRAWING S-320 FOR TYPICAL SLAB ON GRADE DETAILS.
 - BASE FOOTINGS: THE SAME DAY EXCAVATIONS ARE OPENED. IF THIS EXCAVATION IS NOT OPENED, THE FOUNDATION SHALL BE CONSIDERED AS A CONCRETE PIER. THE EXCAVATION SHALL NOT BE ALLOWED TO ENTER THE EXCAVATION.
 - INDICATES COLUMN FOOTING MARK. TOP OF CONCRETE FOOTING ELEVATION IS 97'-4" TYPICAL UNLESS NOTED OTHERWISE. REFER TO DRAWING S-320 FOR COLUMN FOOTING SCHEDULE AND TYPICAL FOUNDATION DETAILS.
 - INDICATES REINFORCED CONCRETE PERIMETER. TOP OF CONCRETE PERIMETER ELEVATION IS 97'-4" TYPICAL UNLESS NOTED OTHERWISE. REFER TO DRAWING S-330 FOR CONCRETE PIER DETAILS.
 - INDICATES TOP OF SLAB ELEVATION OTHER THAN TYPICAL.
 - INDICATES TOP OF FOOTING ELEVATION OTHER THAN TYPICAL.
 - INDICATES TOP OF CONCRETE PERI ELEVATION OTHER THAN TYPICAL.
 - INDICATES TOP OF CONCRETE WALL ELEVATION.
 - INDICATES TOP OF CONCRETE LEIGE ELEVATION.
 - INDICATES SLAB ON GRADE CONTROL JOINT. REFER TO DRAWING S-320 FOR TYPICAL DETAIL.
 - INDICATES FOOTING STEP IN CONTINUOUS WALL FOOTINGS. REFER TO DRAWING S-330 FOR TYPICAL FOOTING STEP DETAIL.
 - F.S. INDICATES COLUMN ISOLATION JOINT IN SLAB ON GRADE. REFER TO DRAWING S-320 FOR TYPICAL DETAIL.
 - INDICATES STRUCTURAL STEEL COLUMN ANCHOR BOLT DETAIL, AND BASE PLATE DETAIL. REFER TO DRAWING S-300 FOR BASE PLATE SCHEDULE AND DETAILS.
 - INDICATES SLOPE IN SLAB ON GRADE. SEE PLAN FOR SLOPING SLABS.
 - INDICATES DEPRESSION OR CHANGE OF TOP OF SLAB ELEVATION IN SLAB ON GRADE. SEE DRAWING S-320 FOR TYPICAL DETAIL.
 - INDICATES FLOOR DRAIN IN SLAB ON GRADE. SEE DRAWING S-320 FOR TYPICAL DETAIL. COORDINATE LOCATION OF DRAIN WITH MECHANICAL DRAWING.
 - INDICATES FLOOR DRAIN IN SLAB ON GRADE. SEE DRAWING S-320 FOR TYPICAL DETAIL. COORDINATE LOCATION OF DRAIN WITH MECHANICAL DRAWING.



- PLAN NOTES:**
1. REFER TO DRAWING S-200 FOR DESIGN INFORMATION, CONCRETE SCHEDULE AND GENERAL NOTES PERTAINING TO FOUNDATIONS, CONCRETE, REINFORCING STEEL AND STRUCTURAL STEEL.
 2. PROJECT REFERENCE: ELEVATION 100'-0" + BSSS EL. 741.50'
 3. TOP OF STEEL BEAM ELEVATION IS 117'-2" UNLESS NOTED OTHERWISE AS T.O.E. XXX-XX'-XX"
 4. TOP OF DECK BEARING ELEVATION IS 117'-2" UNLESS NOTED OTHERWISE AS T.O.E. XXX-XX'-XX"
 5. VERTICAL MEMBER REINCTIONS, N/SPRS ARE INDICATED AT ENDS OF BEAMS, WHERE NO BEAM REINCTIONS ARE NOTED AT CONNECTIONS, STEEL JOISTS OR DRAWINGS S-200 FOR CONNECTION DESIGN REQUIREMENTS.
 6.  INDICATES SPW4 DIRECTION OF 11'-2" / 20'-0" TYPE GALVANIZED STEEL JOIST. GOOD DECK
 7. 28X4 INDICATES 2X8S SPACING JOIST WITH TYPICAL 2' DEEP BEARING SEAT U/L/D.
 8. 32X10 INDICATES 1X4 SECT. DIMENSIONAL JOIST WITH TYPICAL 2' DEEP BEARING SEAT U/L/D.
 9. ----- INDICATES JOIST BRIDGING (HORIZONTAL OR DIAGONAL), QUANTITY, SIZE AND LOCATION TO BE DETERMINED BY COORDINATE WITH JOIST SUPPLIER TO AVOID CONFLICTS WITH BRIDGING.
 10.  INDICATES BEAM TO COLUMN MOMENT CONNECTION. SEE DRAWINGS S-500 FOR MOMENT CONNECTION NOTES AND DETAILS.
 11.  INDICATES BEAM THRU GIRDER MOMENT CONNECTION. SEE DRAWINGS S-500 FOR MOMENT CONNECTION NOTES AND DETAILS.
 12.  INDICATES CANTILEVER BEAM OVER TOP OF COLUMN. SEE DRAWING S-510 FOR TYPICAL DETAILS.
 13.  INDICATES OPENING IN ROOF DECK. SEE REINFORCING STEEL DRAWINGS FOR OPENINGS. JOIST DRAWING S-200 FOR DIMENSIONS OF STRUCTURAL PLANS. SEE DRAWING S-200 FOR TYPICAL ROOF DETAIL, COORDINATE SIZE AND LOCATION WITH ARCHITECTURAL AND FLUSTRATING PLANS AS WELL AS THE FLUSTRATING CONTRACTOR.
 14.  INDICATES JOIST DECK AND JOIST SUPPORT FRAME. SEE DRAWING ARCHITECTURAL AND FLUSTRATING PLANS AS WELL AS THE FLUSTRATING CONTRACTOR.
- E.O.D.

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION

REISSUE



RATIO

COPYRIGHT NOTICE. THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

LOW ROOF FRAMING PLAN

SHEET NUMBER

S102



HIGH ROOF FRAMING PLAN
1/8" = 1'-0"
NORTH

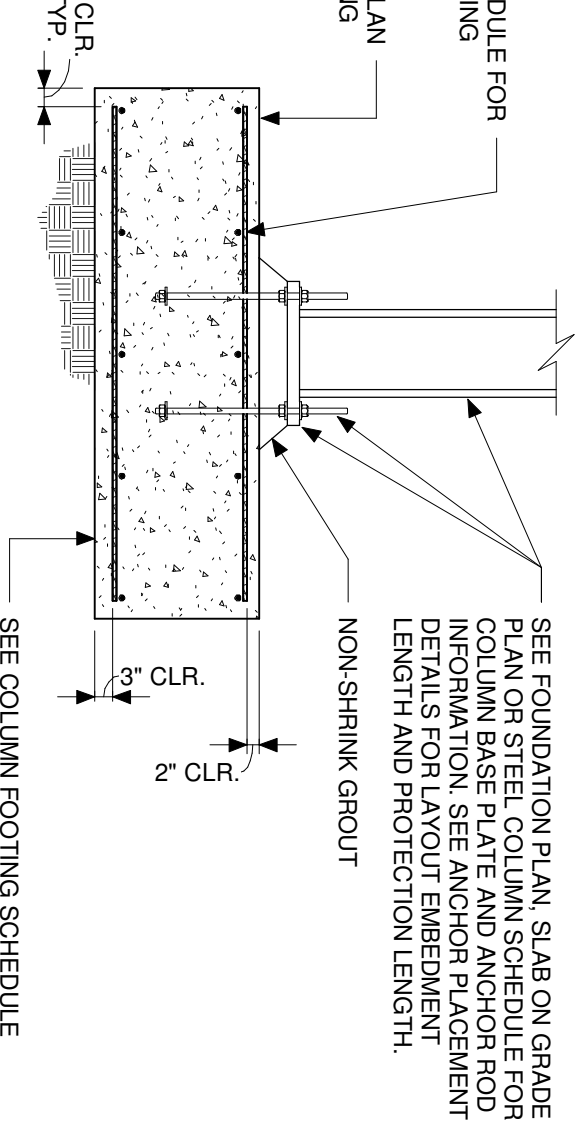
- PLAN NOTES:**
- REFER TO DRAWING S-000 FOR DESIGN INFORMATION, CONCRETE SCHEDULE, AND GENERAL NOTES PERTAINING TO FOUNDATIONS, CONCRETE, REINFORCING STEEL, AND STRUCTURAL STEEL.
 - PROJECT REFERENCE ELEVATION 100'-0" - USGS EL. 741.50'.
 - TOP OF STEEL BEAM ELEVATION IS 128'-6" UNLESS NOTED OTHERWISE AS D.B.E. XXX'-XX".
 - TOP OF DECK BEARING ELEVATION IS 128'-6" UNLESS NOTED OTHERWISE AS D.B.E. XXX'-XX".
 - VERTICAL SHEAR REINFORCING IN BEAMS ARE INDICATED AT ENDS OF BEAMS, WHERE NO BEAM END REINFORCEMENT IS INDICATED, CONNECTION IS TO BE DESIGNED FOR A MINIMUM OF 10 KIIPS. SEE STRUCTURAL REQUIREMENTS.
 - INDICATES SPAN DIRECTION OF 3" x 18 GAUGE "N" TYPE GALVANNEED METAL ROOF DECK.
 - INDICATES BEAM TO COLUMN MOMENT CONNECTION. SEE AND DETAILS S-10 FOR MOMENT CONNECTION NOTES.
 - INDICATES BEAM THROUGH GIRDER MOMENT CONNECTION, AND DETAILS S-10 FOR MOMENT CONNECTION NOTES.
 - INDICATES CENTERED BEAM OVER TOP OF COLUMN. SEE DRAWING S-510 FOR TYPICAL DETAILS.
 - INDICATES OPENING IN ROOF DECK. SEE MECHANICAL/ARCHITECTURAL OPENING FRAMING DETAIL. COORDINATE SIZE AND LOCATION OF OPENINGS WITH MECHANICAL CONTRACTOR.
 - INDICATES ROOF DRAIN SUPPORT FRAME. SEE DRAWING DETAIL FOR COORDINATE SIZE AND LOCATION WITH ARCHITECTURAL AND PLUMBING PLANS AS WELL AS THE PLUMBING CONTRACTOR.
 - E.O.D.
 - NO ROOF METAL DECKING IN WATERTIGHT AREAS. REFER TO ARCHITECTURAL DRAWINGS FOR COLD-FORMED METAL FRAMING REQUIREMENTS AT ROOF OVERHANG CONDITIONS.

Owner Marian University 3200 Cold Springs Road Indianapolis, Indiana 46222 (317) xxx-xxxx	
Architect RATIO Architects, Inc. Suite 100, Schrader Building 107 South Pennsylvania Street Indianapolis, Indiana 46204 317-633-4246	
Structural Engineer Fink Roberts & Patis, Inc. 400 Vincennes Circle Suite 300 Indianapolis, Indiana 46258 (317) 872-8400	
Mechanical / Electrical Engineer R.E. Diamond and Associates, Inc. 722 North College Avenue Indianapolis, Indiana 46204 (317) 634-4672	
Civil Engineer Seeling Engineering, LLC 3205 East Street Suite 142 Carmel, Indiana 46032 (317) 663-3206	
NOT FOR CONSTRUCTION DESIGN DEVELOPMENT 6/27/13 REISSUE	
CHECKED BY	
APPROVED BY	
PROJECT NO.	13026.00
COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS ORIGINAL WORK OF RATIO ARCHITECTS, INC. ANY REPRODUCTION OR DISTRIBUTION WITHOUT THE WRITTEN PERMISSION OF RATIO ARCHITECTS, INC. IS COMMON LAW VIOLATION AND IS PROHIBITED. OTHERWISE WE HEREBY SPECIFICALLY RESERVE.	
SHEET TITLE HIGH ROOF FRAMING PLAN	
SHEET NUMBER S103	

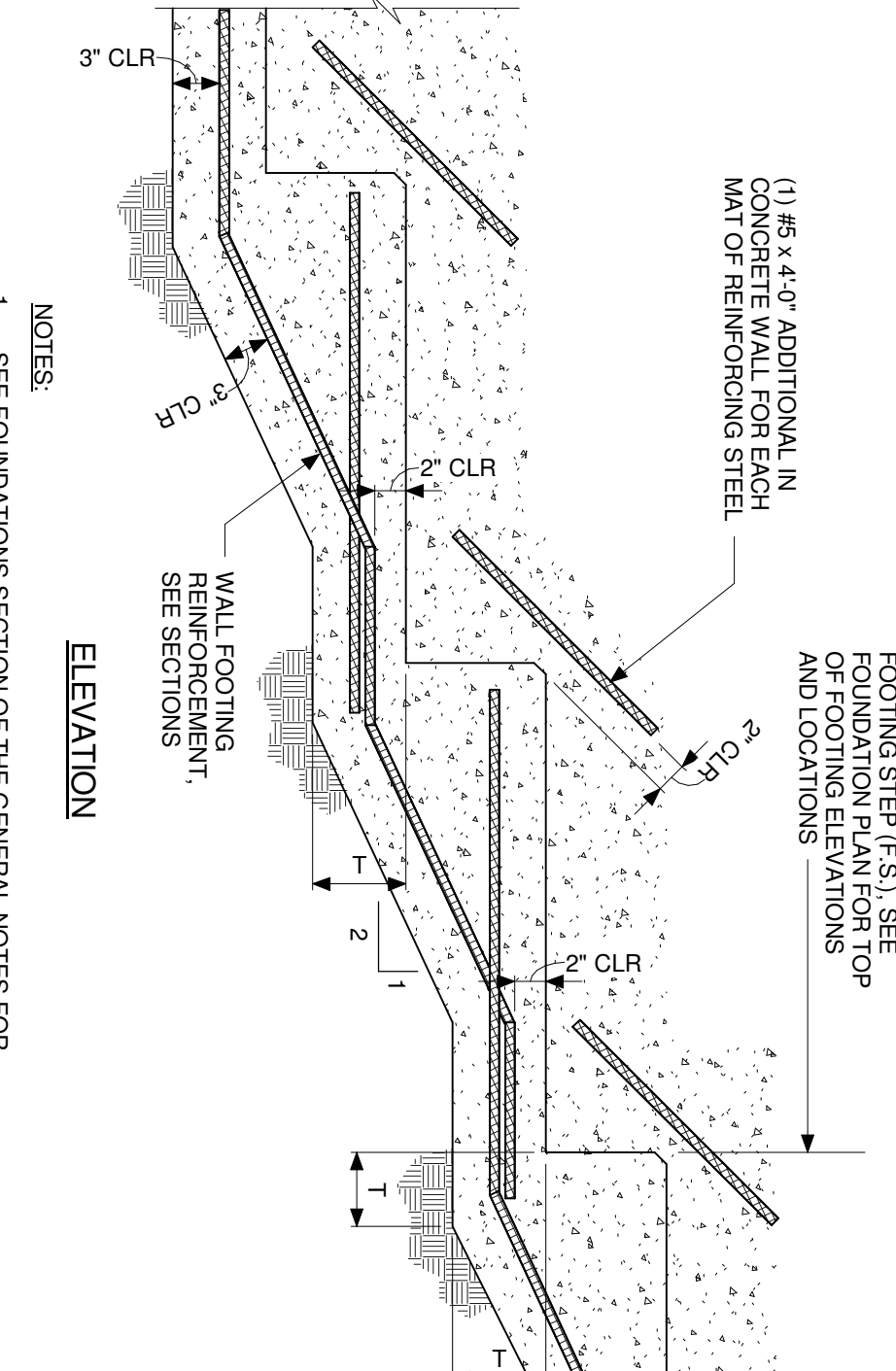
Indianapolis, Indiana
46222

Marian University
ALUMNI HALL
3200 Cold Springs Rd

-



TYPICAL FOOTING DETAIL WITH STEEL COLUMN



TTYPICAL VERTICAL WALL CONSTRUCTION JOINT



COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC.

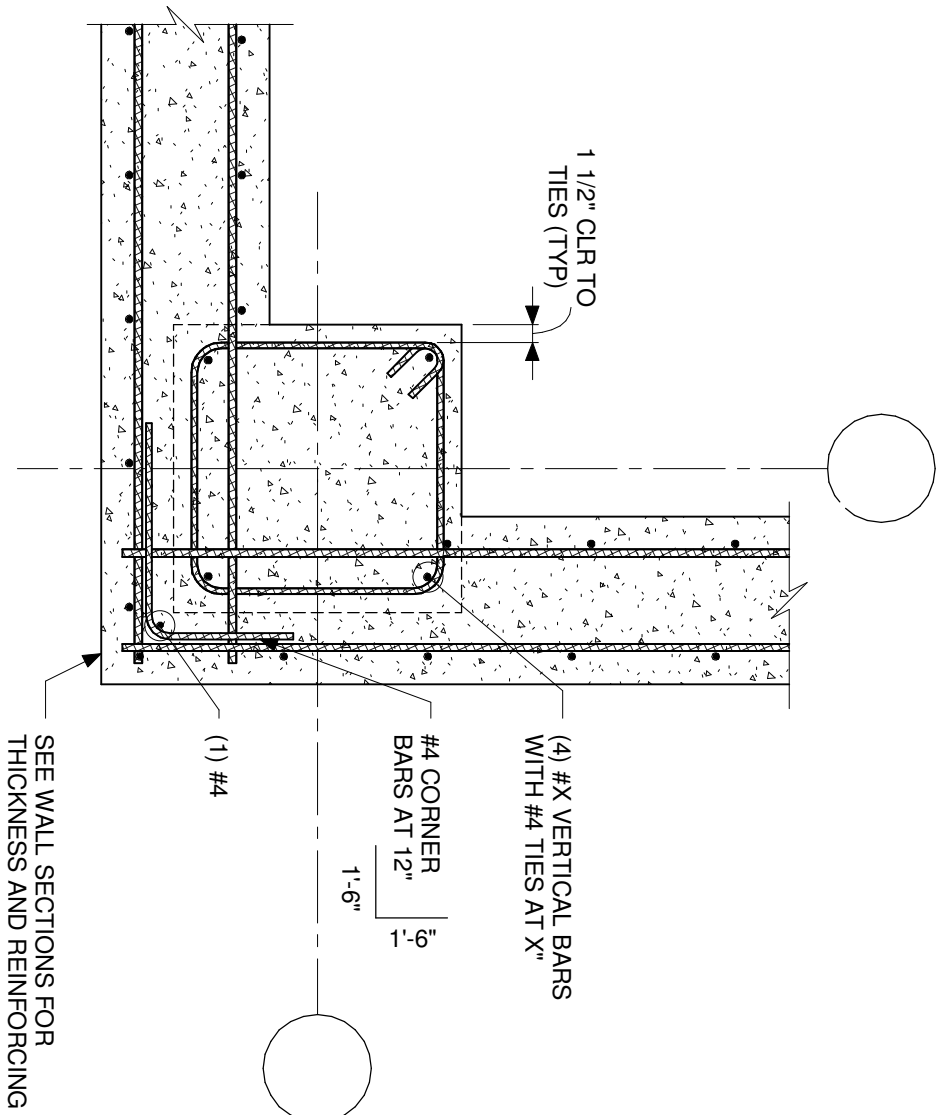
NO REPRODUCTION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC., ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

RATIO

**TYPICAL
FOUNDATION
DETAILS**

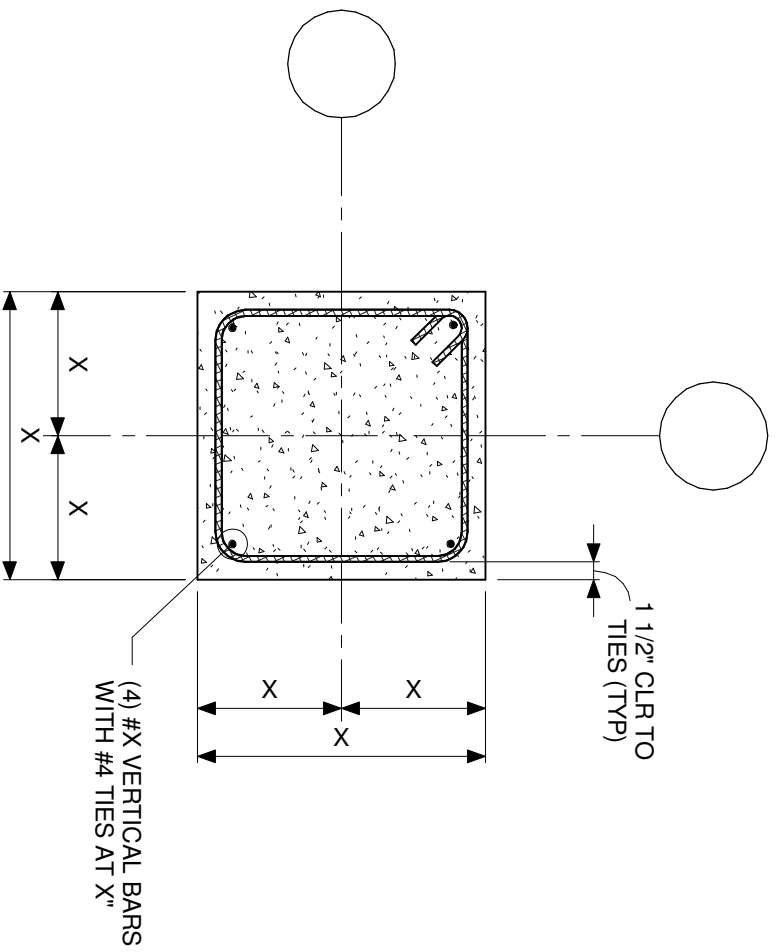
CONCRETE PIER SCHEDULE				
PIER MARK	PIER DIMENSIONS		PIER REINFORCING	PIER DETAIL
	B	H	VERTICAL TIES	
P1	24"	24"	(4) #8 #3 AT 12"	2SS10
P2	24"	28"	(6) #7 #3 AT 12"	3SS10
P3	20"	20"	(4) #7 #3 AT 12"	2SS10
P4	24"	24"	(4) #8 #3 AT 12"	2SS10
P5	24"	28"	(6) #7 #3 AT 12"	3SS10
				STD 90 DEGREE HOOK AT TOP OF PIERS
				STD 90 DEGREE HOOK AT TOP OF PIER

1 CONCRETE PIER SCHEDULE 1/2" = 1'-0"



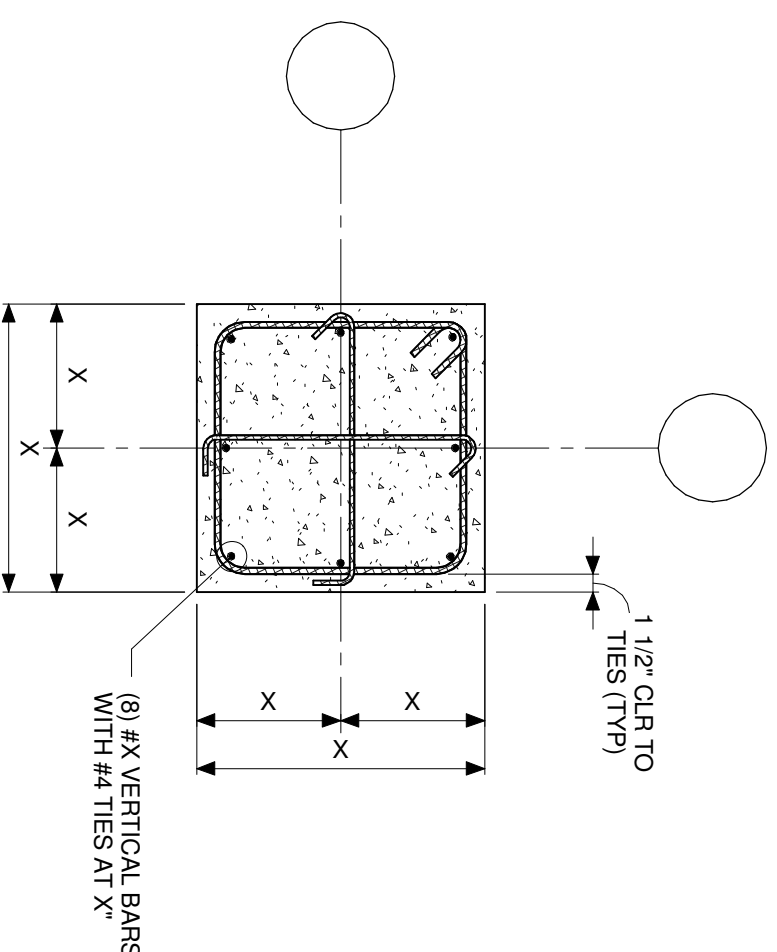
- NOTES:
- SEE TYPICAL CONCRETE PIER DETAILS ON SHEET S300 FOR ADDITIONAL TIE INFORMATION.
 - PROVIDE STAND HOOKS AT TOP OF VERTICAL BARS IN PIERS LOCATED WITHIN BRACED BAYS

5 TYPICAL PIER DETAIL AT CORNER 3/4" = 1'-0"



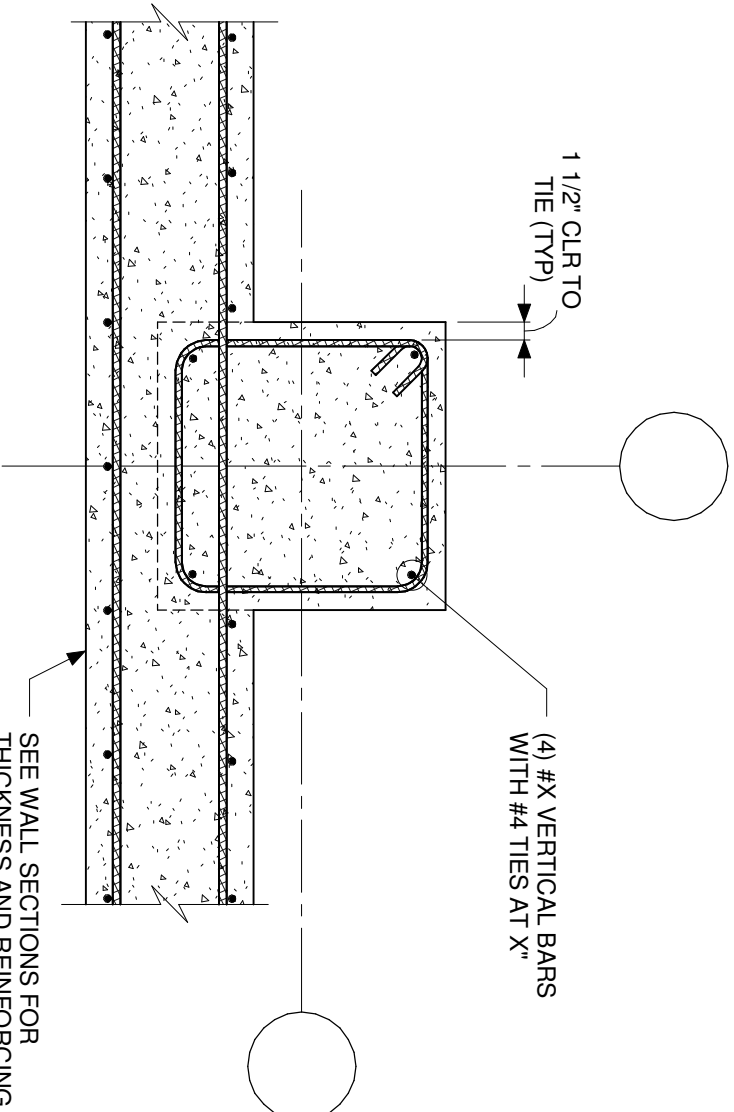
- NOTES:
- SEE TYPICAL CONCRETE PIER DETAILS ON SHEET S300 FOR ADDITIONAL TIE INFORMATION.
 - PROVIDE STAND HOOKS AT TOP OF VERTICAL BARS IN PIERS LOCATED WITHIN BRACED BAYS

2 Px PIER DETAIL 3/4" = 1'-0"



- NOTES:
- SEE TYPICAL CONCRETE PIER DETAILS ON SHEET S300 FOR ADDITIONAL TIE INFORMATION.
 - PROVIDE STAND HOOKS AT TOP OF VERTICAL BARS IN PIERS LOCATED WITHIN BRACED BAYS

3 Pxx PIER DETAIL 3/4" = 1'-0"



- NOTES:
- SEE TYPICAL CONCRETE PIER DETAILS ON SHEET S300 FOR ADDITIONAL TIE INFORMATION.
 - PROVIDE STAND HOOKS AT TOP OF VERTICAL BARS IN PIERS LOCATED WITHIN BRACED BAYS

4 TYPICAL PIER DETAIL AT WALL 3/4" = 1'-0"

Marian University
ALUMNI HALL
3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
2000 North Meridian Street
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-653-4240

Structural Engineer
Fink Roberts & Patis, Inc.
4400 Vincennes Circle
Suite 300
Indianapolis, Indiana 46258
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Diamond and Associates, Inc.
722 North Collins Street
Indianapolis, Indiana 46204
(317) 634-4672

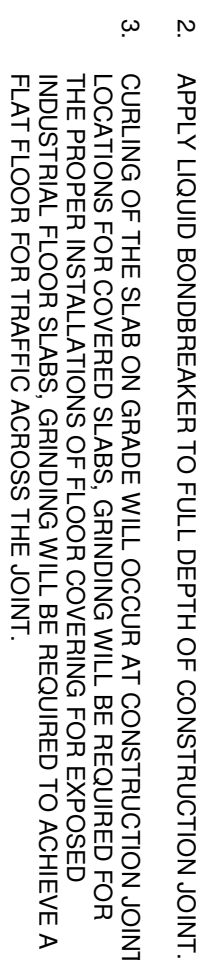
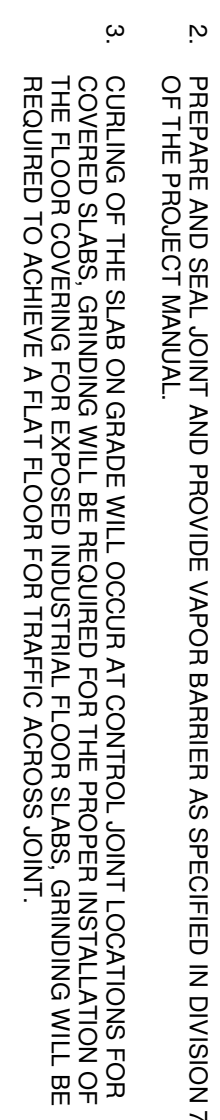
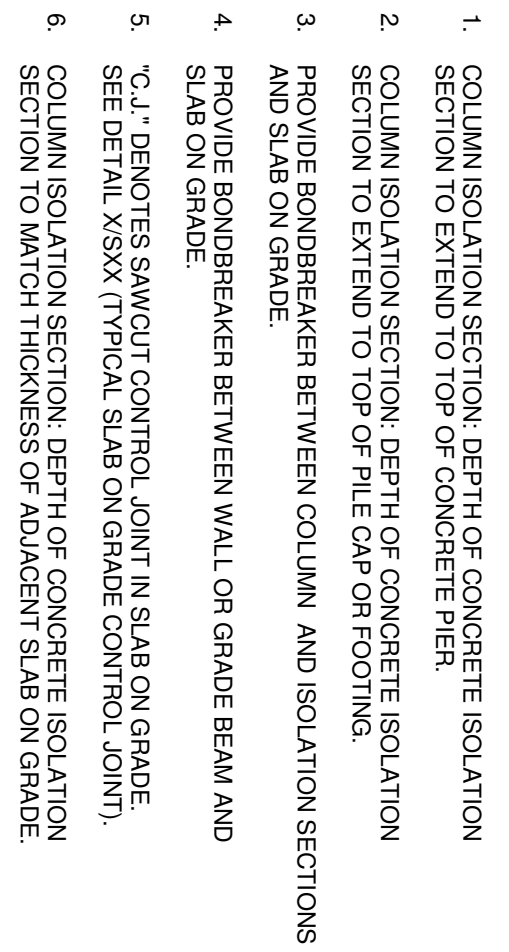
Civil Engineer
Seeling Engineering, LLC
4000 East 82nd Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT 6/27/13
REISSUE

CHECKED BY	
APPROVED BY	
PROJECT NO.	13026.00
COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS OWNED BY AND RESERVED TO THE ARCHITECT OR ENGINEER. NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM RATIO ARCHITECTS, INC. ALL COMMON OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.	

SHEET TITLE
TYPICAL
FOUNDATION PIER
DETAILS

SHEET NUMBER
S310

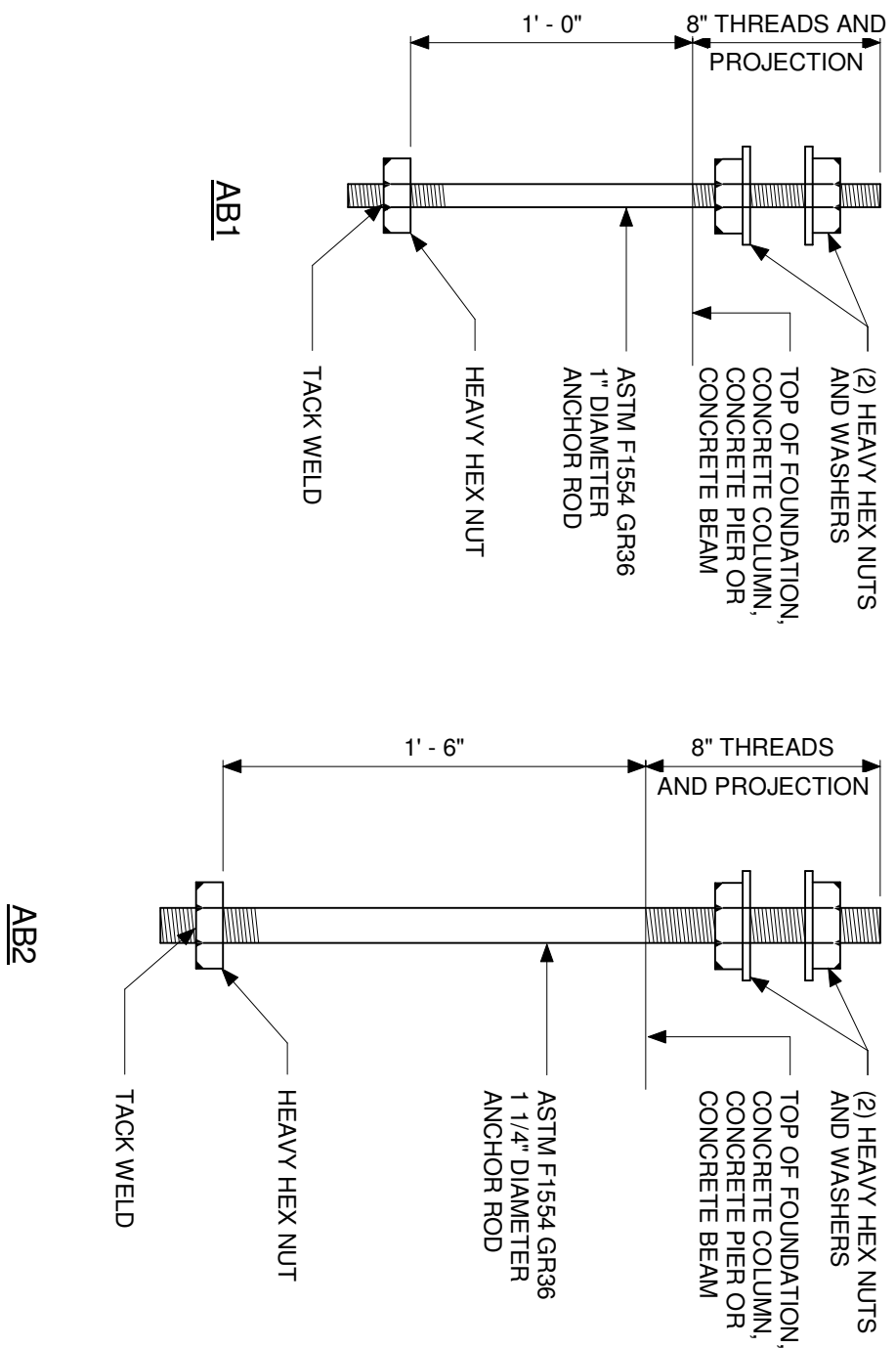
 $1\ 1/2" = 1'-0"$  $1\frac{1}{2}" = 1'-0"$  $11/2'' = 1'-0''$ 
$$0-1=211$$
 $3/8" = 1'-0"$ 
$$1'' = 1' - 0''$$

Marian University ALUMNI HALL 3200 Cold Springs Rd Indianapolis, Indiana 46222		Owner Marian University 3200 Cold Springs Road Indianapolis, Indiana 46222 (317) xxx-xxxx	
Architect RATO Architects, Inc. Suite 100, Spruader Building 107 South Pennsylvania Street Indianapolis, Indiana 46204 317-633-4840		Structural Engineer Fink Roberts & Pettie, Inc. 4440 Vinomes Circle Suite 300 Indianapolis, Indiana 46268 (317) 672-5400	
Mechanical / Electrical Engineer RE Dimoni and Associates, Inc. 722 North Capitol Avenue Indianapolis, Indiana 46204 (317) 634-4672		Civil Engineer Smelling Engineering, LLC 13295 Illinois Street Suite 142 Carmel, Indiana 46032 (317) 663-5206	
NOT FOR CONSTRUCTION DESIGN DEVELOPMENT 06/27/13			
REUSE			
CHECKED BY		COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN FULL PAYMENT OF THE AGREEMENT WITH HATCH ASSOCIATES, INC. NO OTHER REPRODUCTION OR REUSE OF THIS DRAWING OR ANY PART THEREOF IS PERMITTED WITHOUT THE WRITTEN PERMISSION OF RATO ARCHITECTS, INC. ALL COMMON LAW AND STATUTORY RIGHTS ARE HEREBY SPECIFICALLY RESERVED.	
APPROVED BY			
PROJECT NO. 13026.00			
RATIO		SHEET TITLE TYPICAL SLAB ON GRADE DETAILS	
SHEET NUMBER S320			

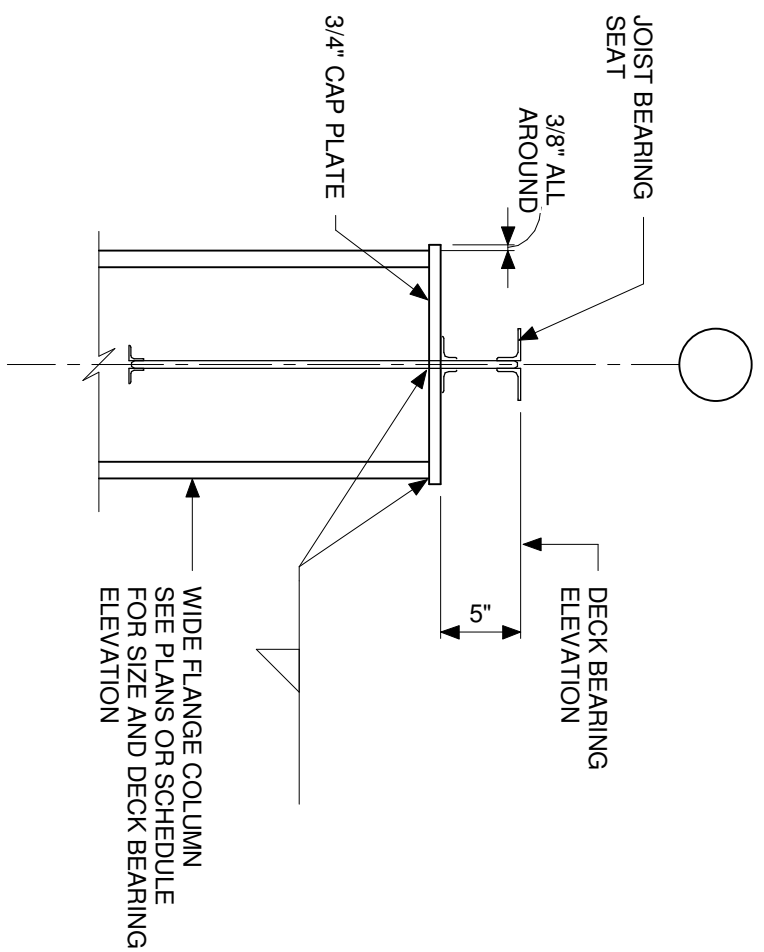
BASE PLATE SCHEDULE				
MARK	COLUMN	PLATE B X N X T	ANCHOR BOLTS NO. & SIZE	DETAIL
BP1	W8x31	14"x14"x 1/4"	(4) 1" DIA. - AB1	2"SSBO
BP2	W8x31	14"x14"x 1/4"	(4) 1 1/4" DIA. - AB2	18"
BP3	HSS60x61/4	12"x7"x3/4"	(4) 1" DIA. - AB1	BRACE COL.
BP4	HSS12 75x30.375	18"x6"x 1/4"	(4) 1" DIA. - AB1	3"SSBO
BP5	HSS12 75x30.375	18"x6"x 1/4"	(4) 1 1/4" DIA. - AB2	12"
				4"SSBO
				BRACE COL.

- NOTES:
- ALL ANCHOR BOLTS TO BE F1554 GR. 36 UN.O. REFER TO TYPICAL ANCHOR BOLT DETAILS.
 - ALL BASE PLATE MATERIAL TO BE A36 STEEL (36 KSI) UN.O.
 - REFER TO FOUNDATION PLANS FOR COLUMN BASE PLATE AND ANCHOR BOLT DESIGNATION.
 - REFER TO BRACE ELEVATION SHEET FOR BASE PLATE DETAIL AT BRACED COLUMNS.

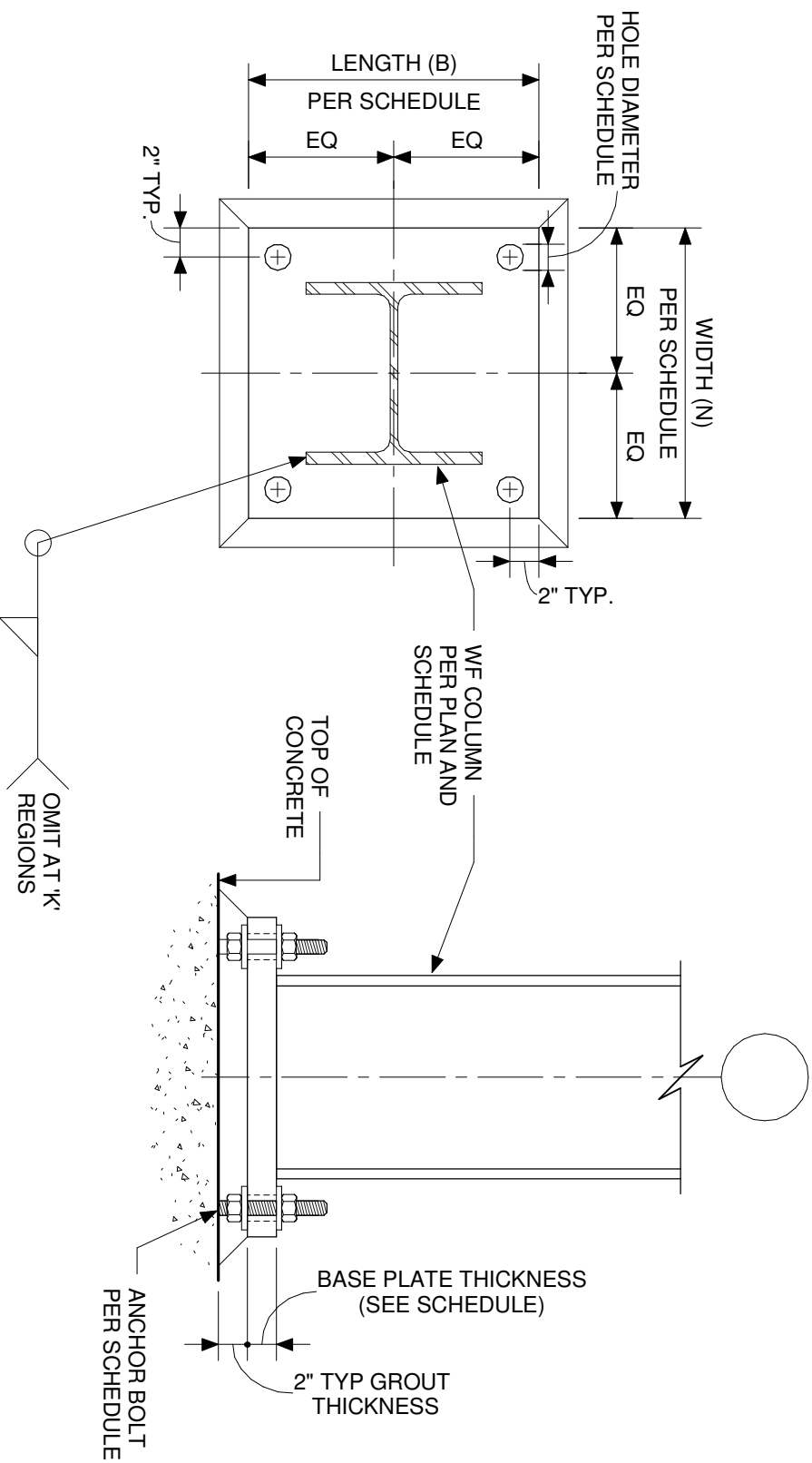
1 BASE PLATE SCHEDULE 12" = 1'-0"



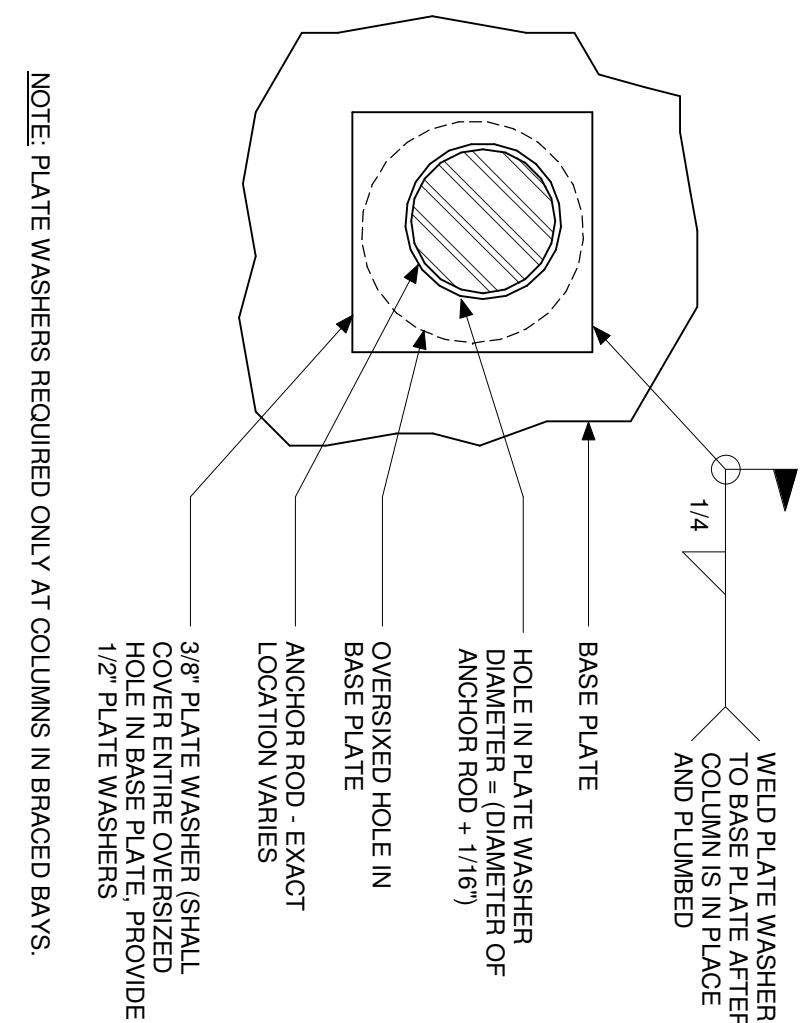
5 ANCHOR ROD DETAIL 1 1/2" = 1'-0"



9 TYPICAL DETAIL AT TOP OF COLUMN w/ LH JOIST 1" = 1'-0"

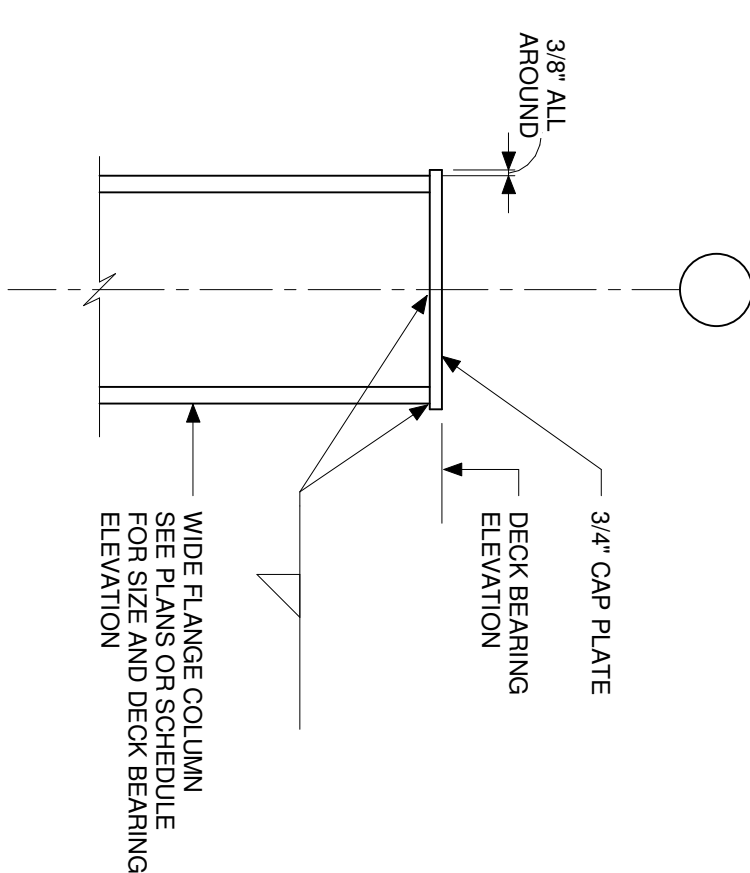


2 WF BASE PLATE GRAVITY DETAIL 1" = 1'-0"

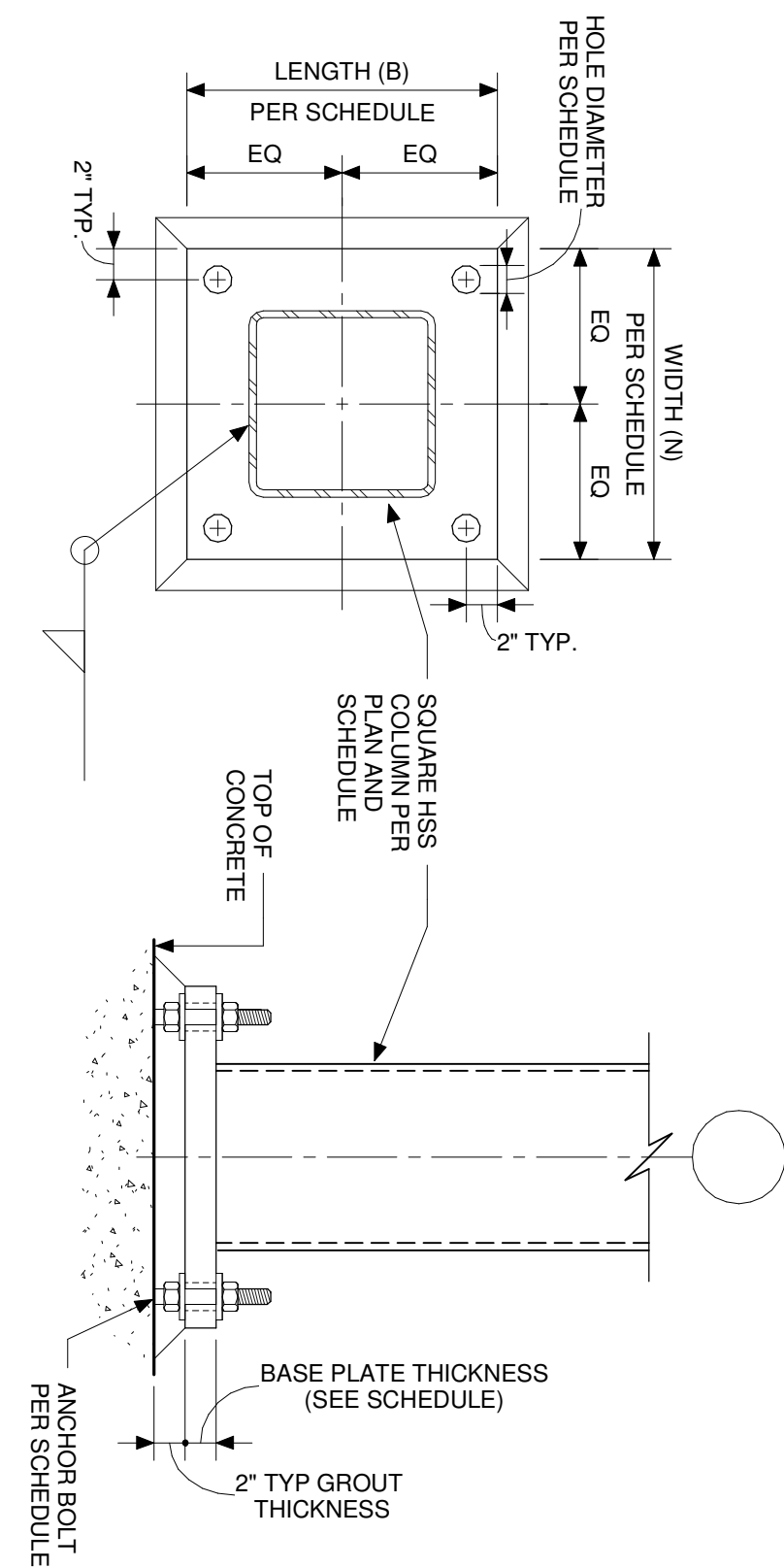


6 PLATE WASHER DETAIL 3" = 1'-0"

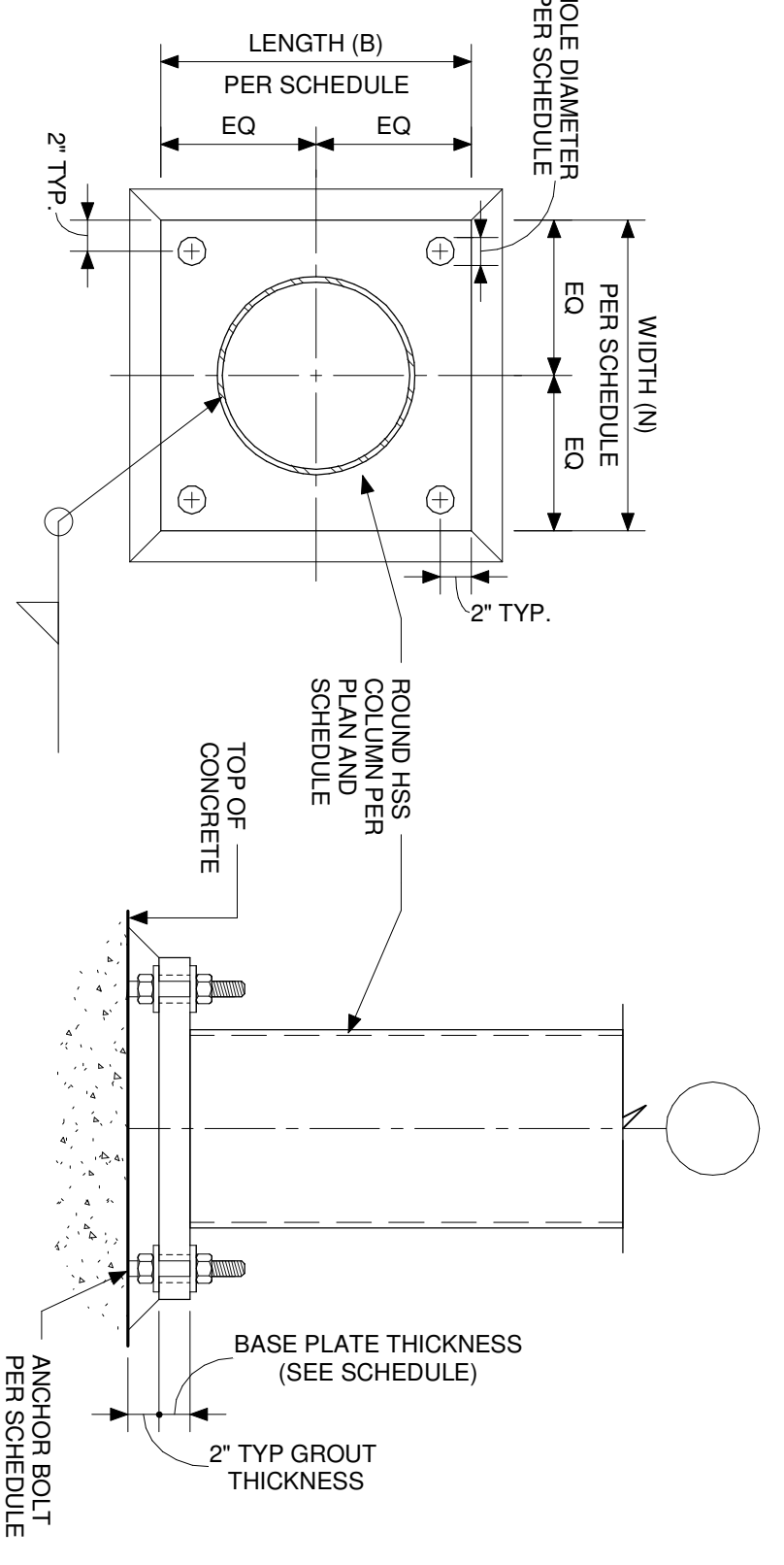
7 TYPICAL DETAIL AT TOP OF COLUMN w/ CAP PLATE 1" = 1'-0"



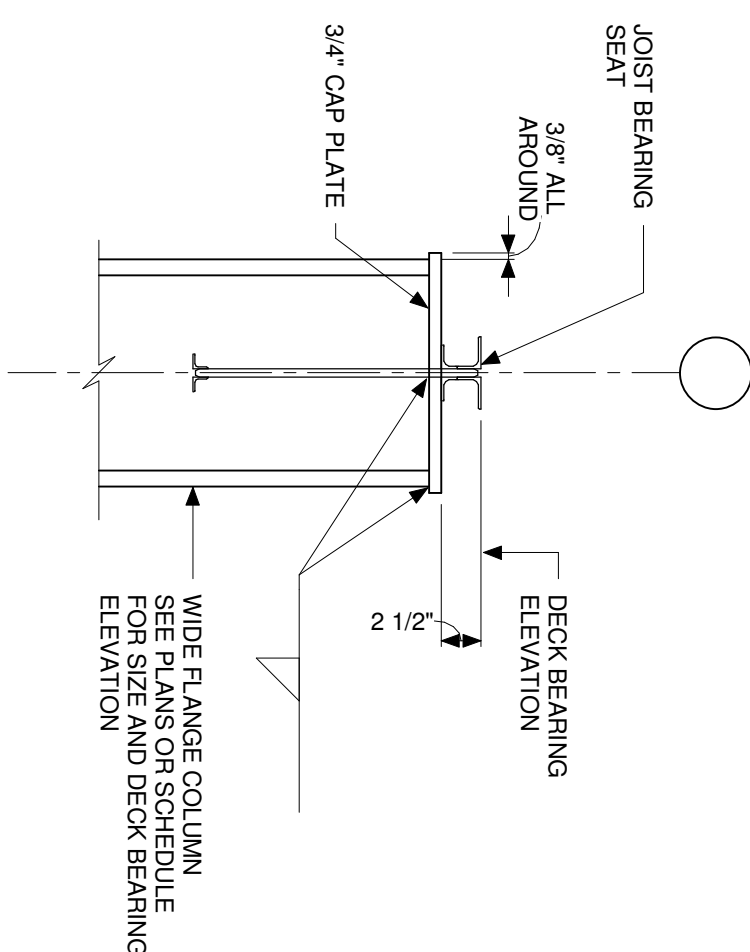
3 SQUARE HSS BASE PLATE GRAVITY DETAIL 1" = 1'-0"



4 ROUND HSS BASE PLATE GRAVITY DETAIL 1" = 1'-0"



8 TYPICAL DETAIL AT TOP OF COLUMN w/ K-JOIST 1" = 1'-0"



Marian University
ALUMNI HALL
3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4240

Structural Engineer
Fink Roberts & Parris, Inc.
400 Vincennes Circle
Suite 300
Indianapolis, Indiana 46258
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Diamond and Associates, Inc.
722 North Collins Street
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Seeling Engineering, LLC
Suite 142
Carmel, Indiana 46032
(317) 663-2065

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT 6/27/13
REISSUE

CHECKED BY
APPROVED BY
PROJECT NO. 130261.00
SHEET TITLE
TYPICAL STEEL
COLUMN AND BASE
PLATE DETAILS
RATIO
COPYRIGHT NOTICE: THIS ARCHITECTURAL
DRAWING AND DRAWING'S CONTENT IS
PROPERTY OF RATIO ARCHITECTS, INC. AND
IS NOT TO BE REPRODUCED OR
TRANSMITTED IN ANY FORM OR BY ANY
MEANS, ELECTRONIC OR MECHANICAL,
INCLUDING PHOTOCOPYING, RECORDING,
OR BY ANY INFORMATION STORAGE AND
RETRIEVAL SYSTEM, WITHOUT THE
WRITTEN PERMISSION OF RATIO
ARCHITECTS, INC. ALL COMMON
OTHERWISE ARE HEREBY SPECIFICALLY
RESERVED.

SHEET NUMBER
S500

Marian University
ALUMNI HALL
3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
1000 University Blvd
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-653-4240

Structural Engineer
Fink Roberts & Parris, Inc.
400 Vincennes Circle
Suite 300
Indianapolis, Indiana 46258
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Diamond and Associates, Inc.
722 North Collins Street
Indianapolis, Indiana 46204
(317) 653-4672

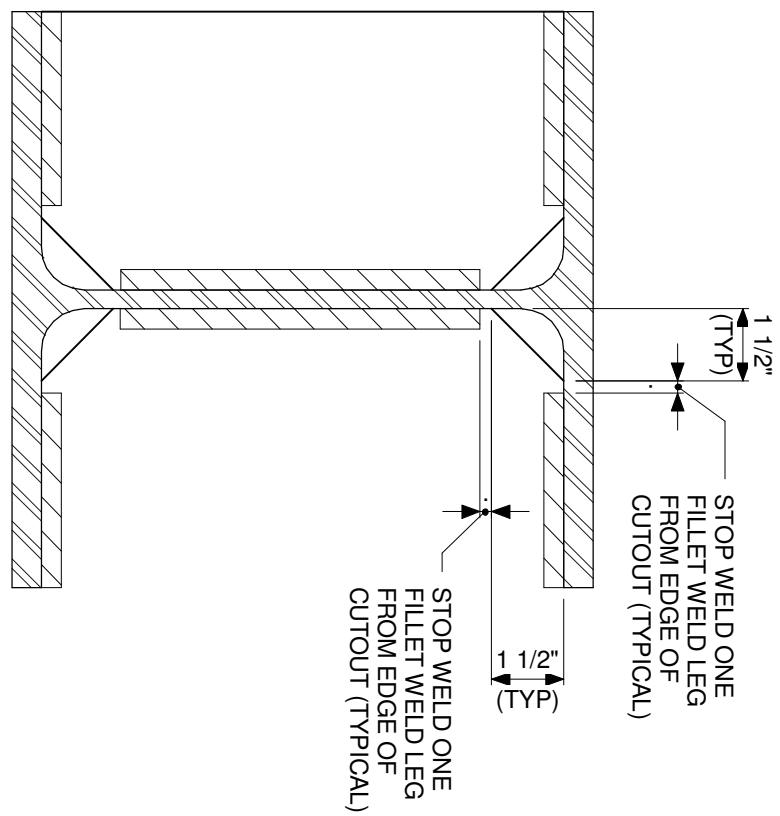
Civil Engineer
Seeling Engineering, LLC
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT 6/27/13
REISSUE

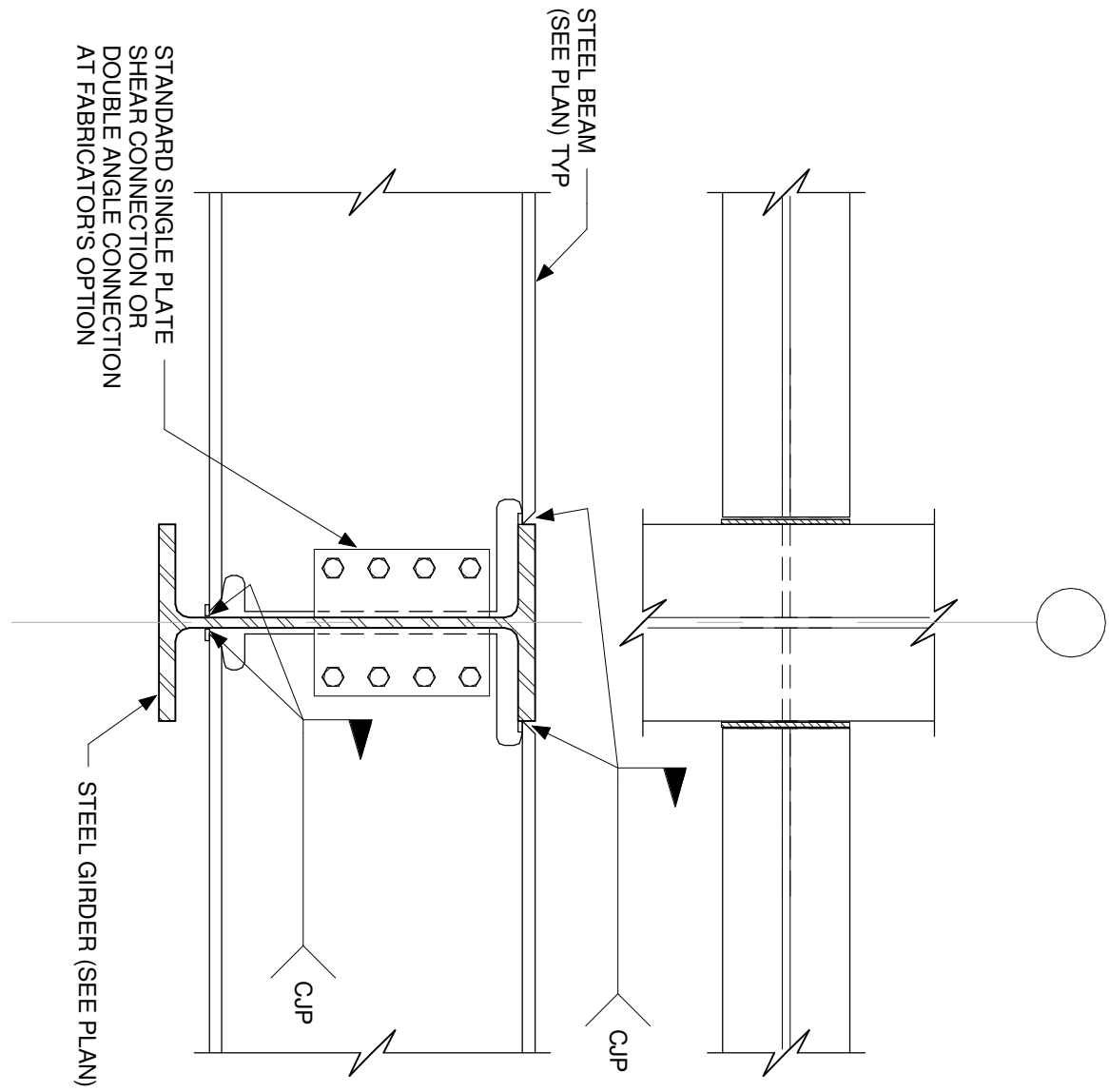
COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS OWNED BY AND RESERVED TO THE ARCHITECT. NO DISSEMINATION OR REPRODUCTION MAY BE MADE OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF RATIO ARCHITECTS, INC. ALL COMMON OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

SHEET TITLE
TYPICAL STEEL
CONNECTION
DETAILS

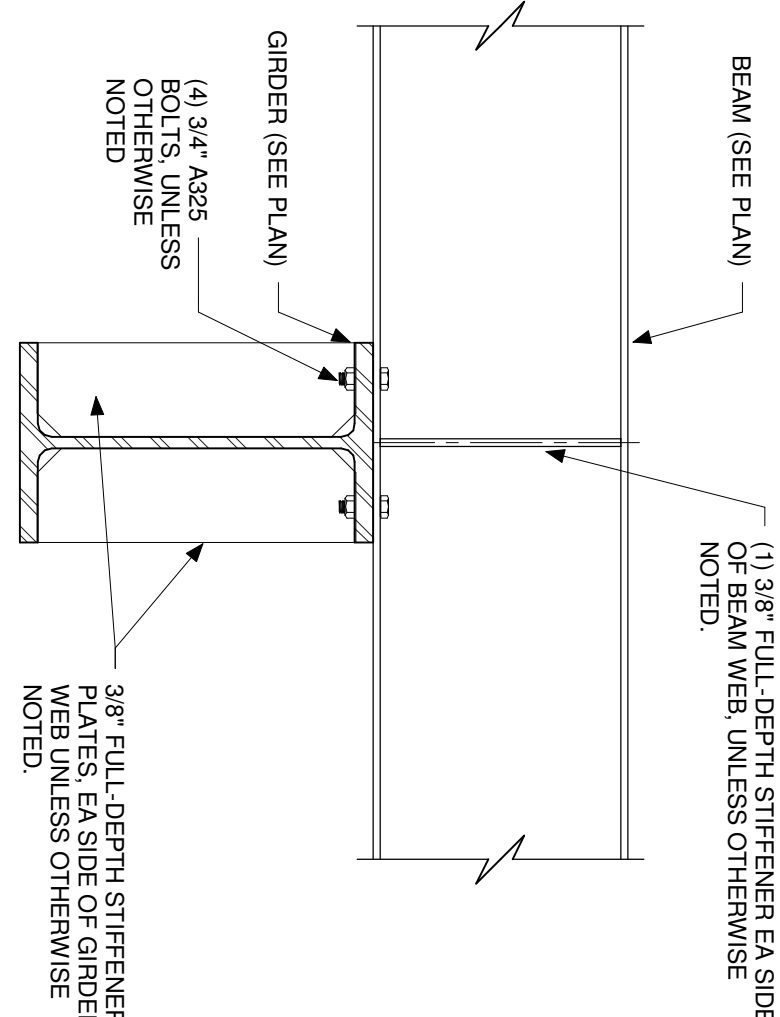
SHEET NUMBER
S510



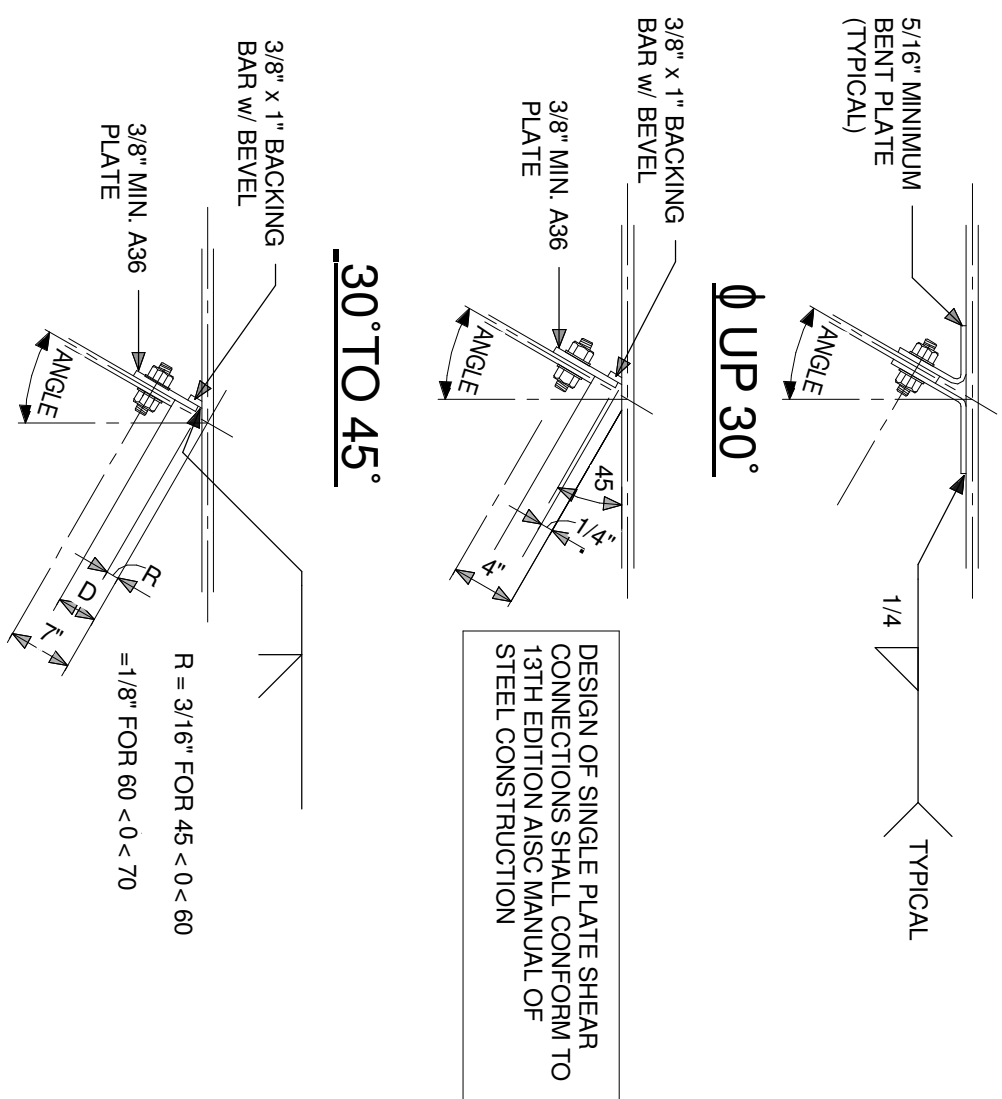
4 TYPICAL FITTED STIFFENER DETAIL
3" = 1'-0"



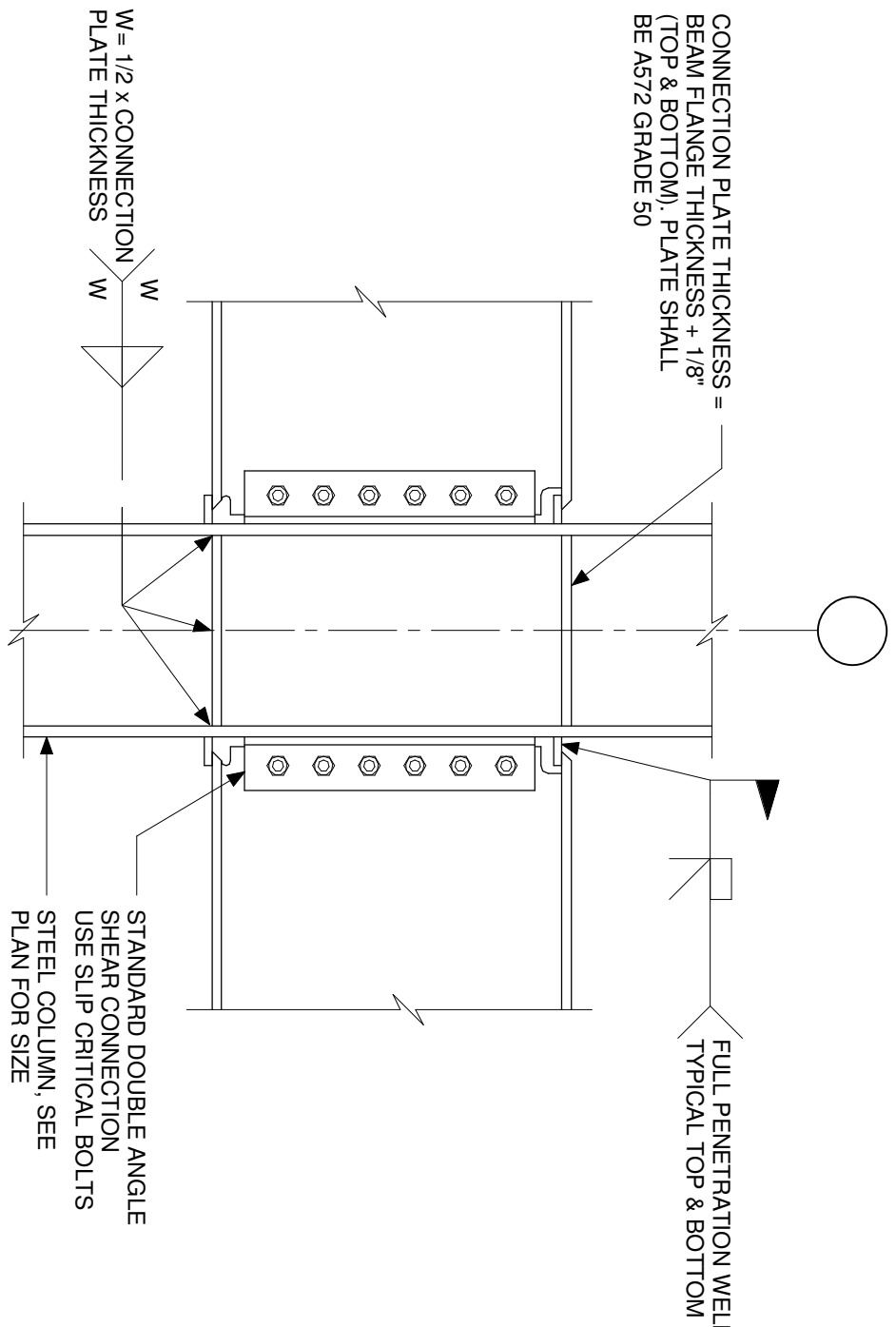
8 TYPICAL BEAM TO DEEP GIRDER MOMENT CONNECTION



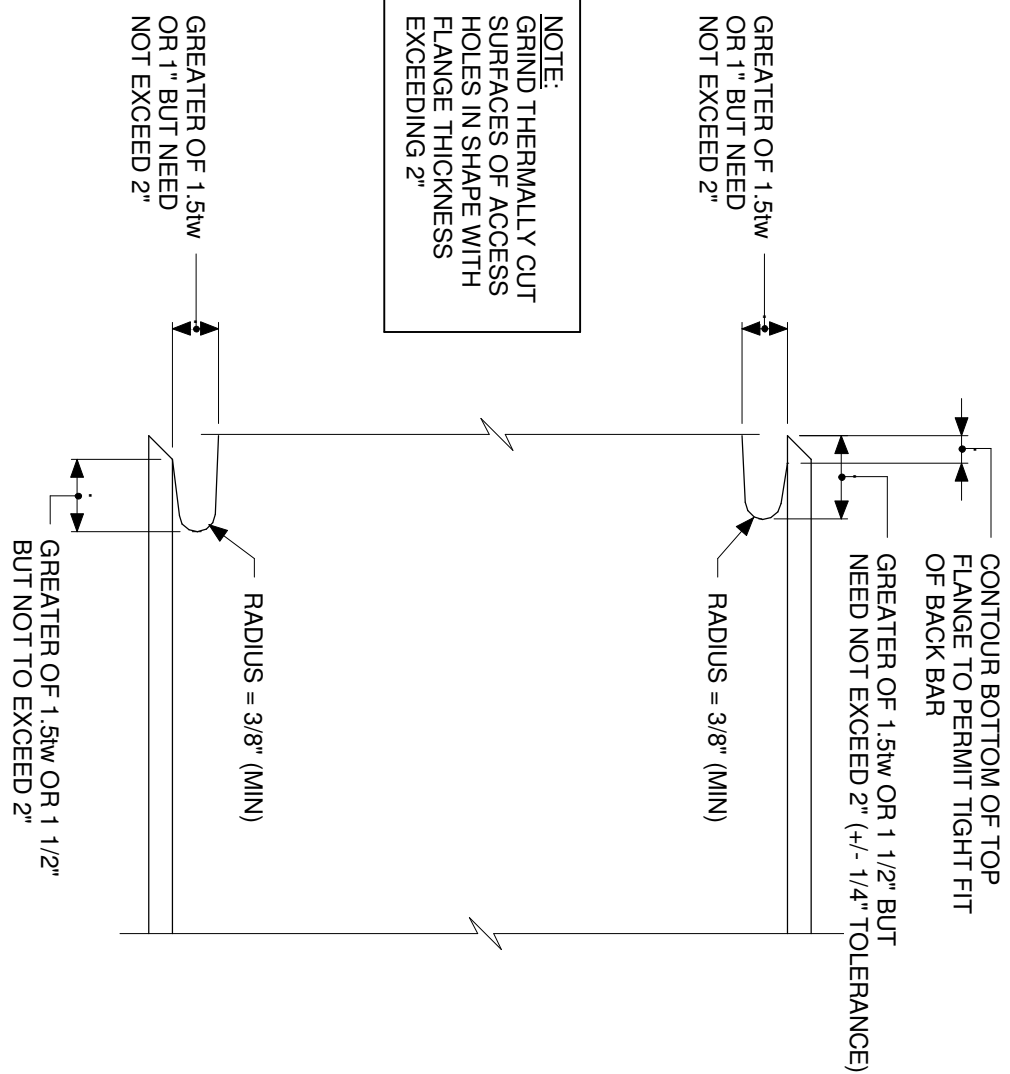
3 TYP CONTINUOUS BEAM TO LOW GIRDER CONNECTION
1" = 1'-0"



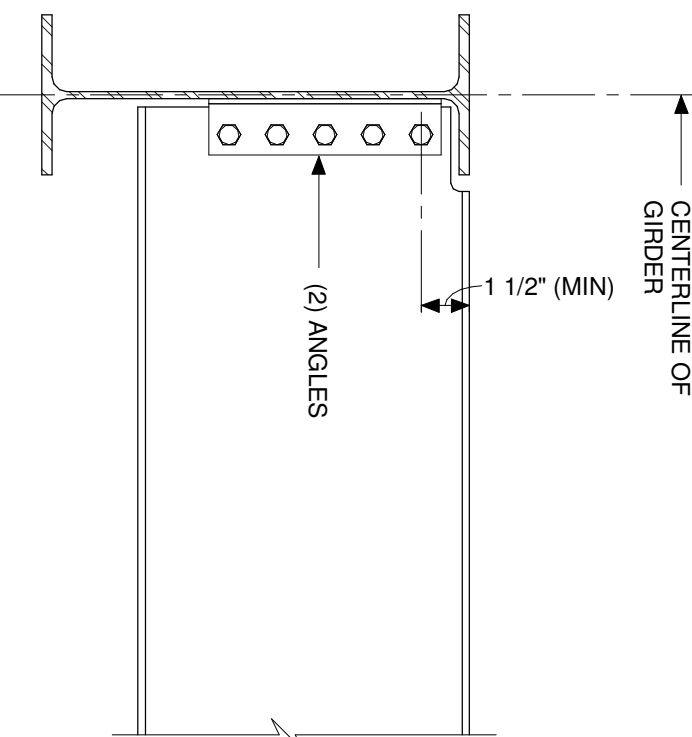
2 TYP. SKEWED BEAM SHEAR CONNECTION
1" = 1'-0"



6 TYP. MOMENT CONN. THROUGH COLUMN FLANGE
1" = 1'-0"

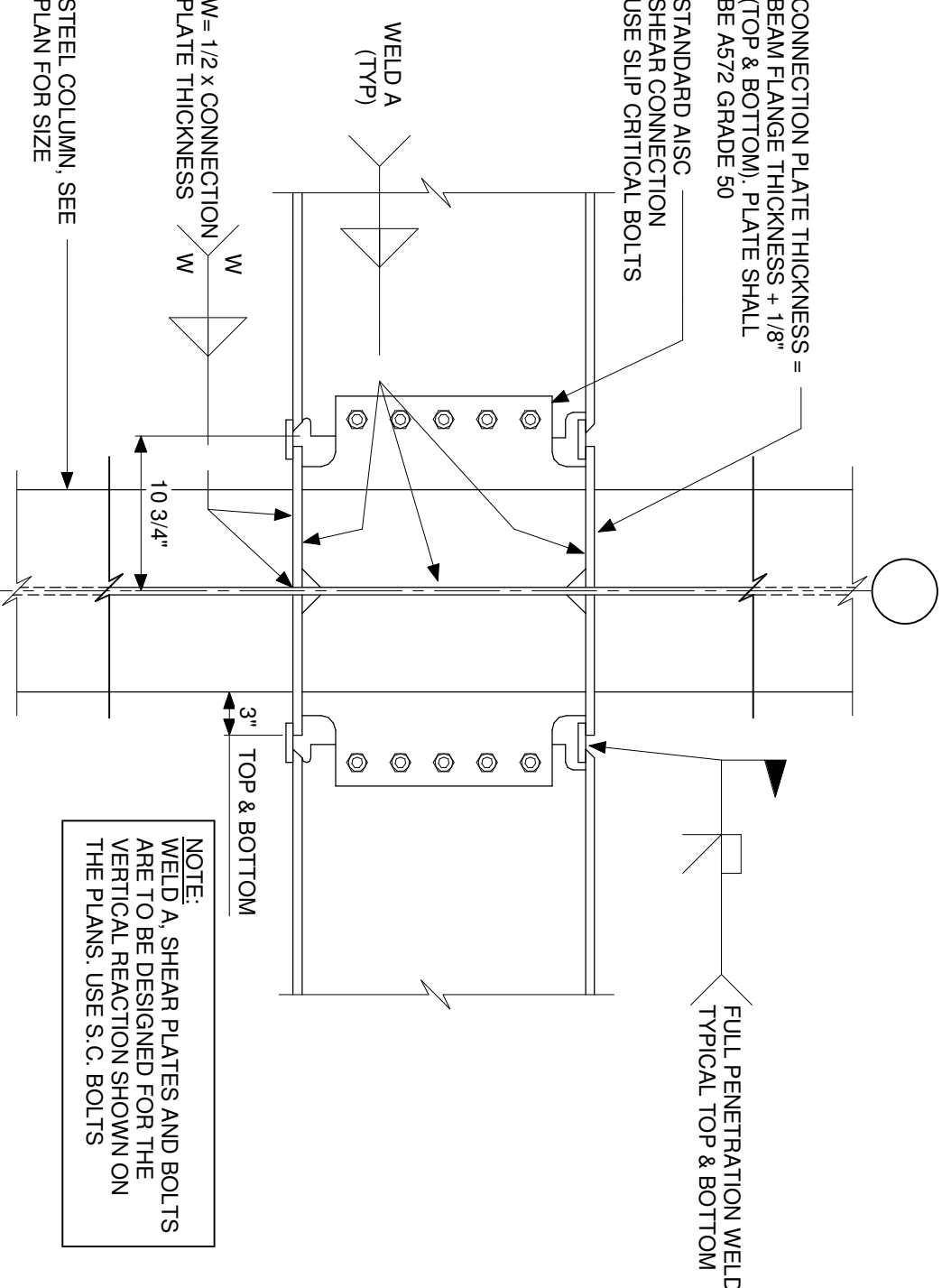


5 TYP. MOMENT CONN. THROUGH COLUMN WEB
1" = 1'-0"

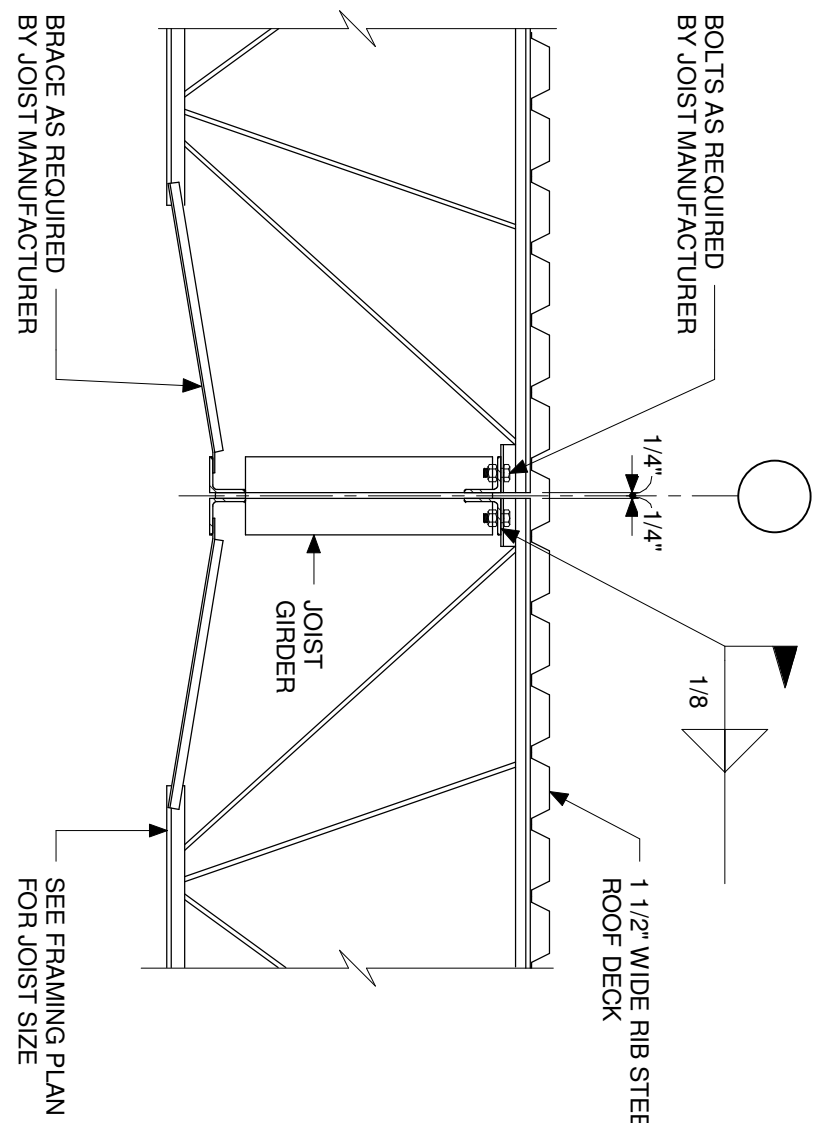


- NOTES:
- DESIGN CONNECTION AS STANDARD AND SIMPLE DOUBLE ANGLE UNLESS SPECIFICALLY DETAILED OTHERWISE.
 - CONTRACTOR HAS OPTION TO BOLT OR WELD ANGLES UNLESS SPECIFICALLY DETAILED OTHERWISE.
 - SAME APPLIES FOR TYPICAL BEAM TO COLUMN CONNECTION.

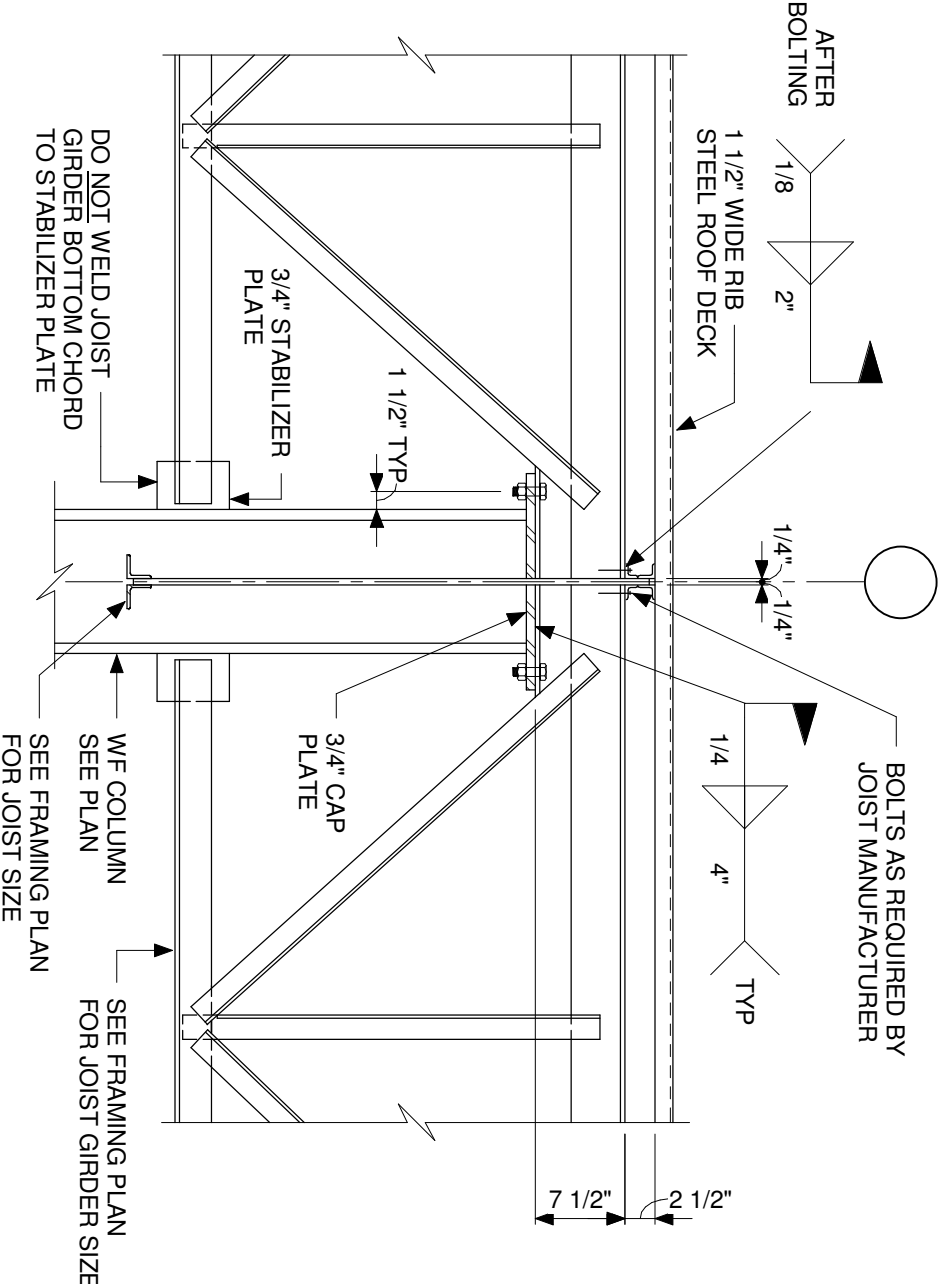
1 TYPICAL BEAM TO GIRDER CONNECTION
1" = 1'-0"



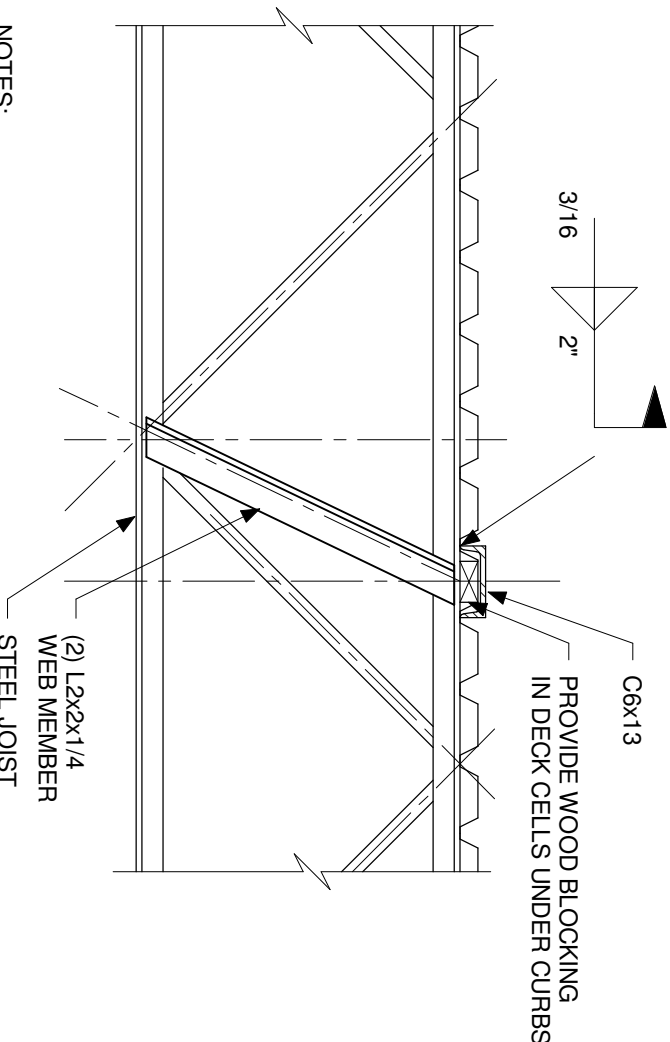
5 TYP. MOMENT CONN. THROUGH COLUMN WEB
1" = 1'-0"



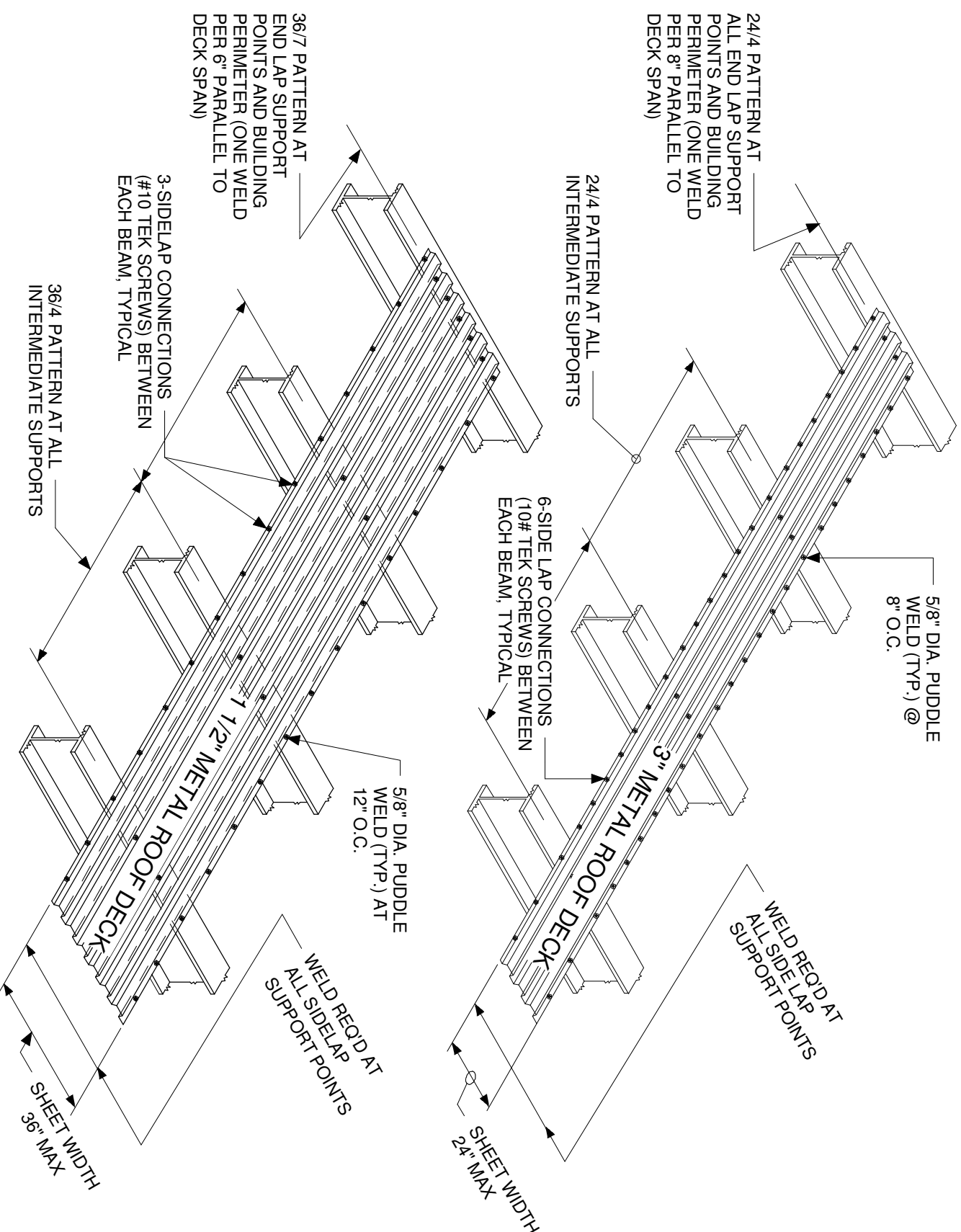
1 TYPICAL JOIST TO GIRDER CONNECTION
3/4" = 1'-0"



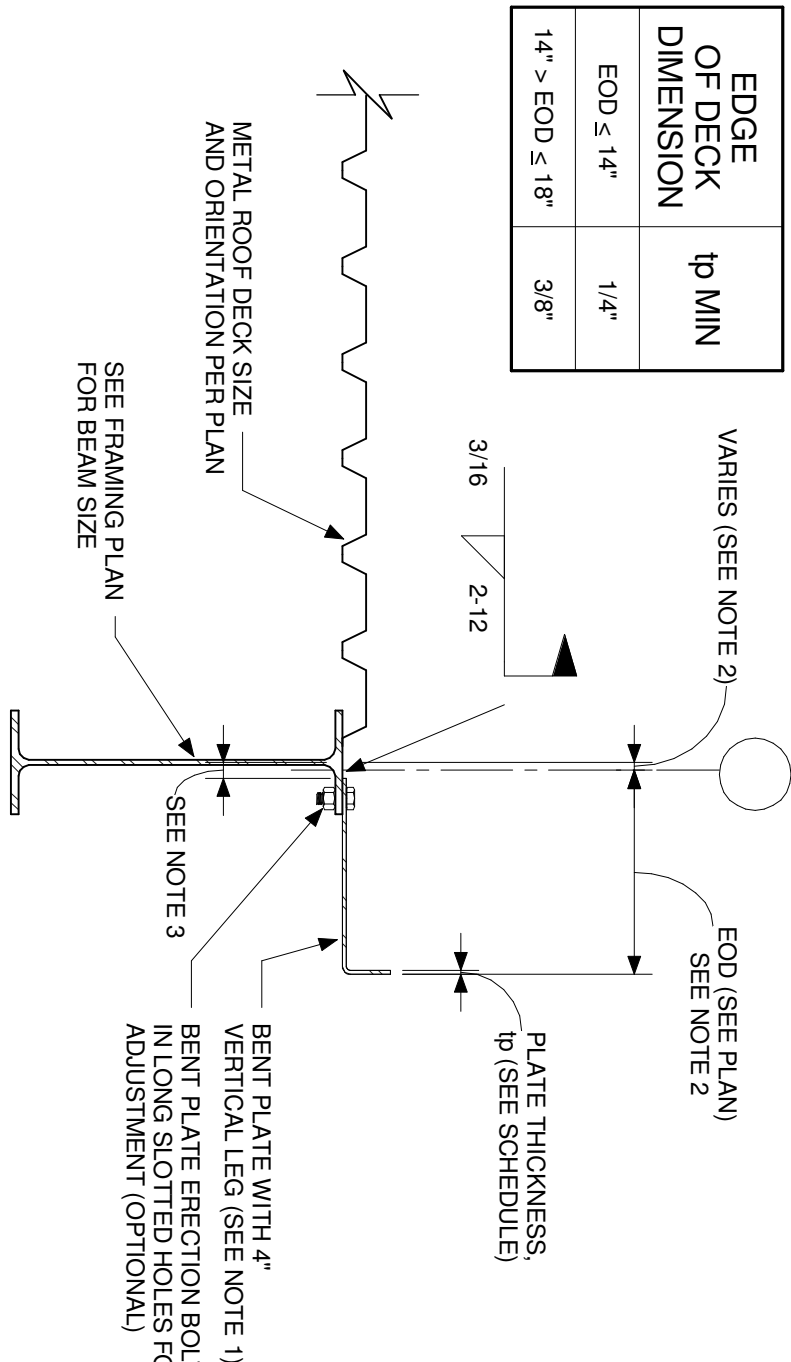
2 TYPICAL JOIST GIRDER TO COLUMN CONNECTION
3/4" = 1'-0"



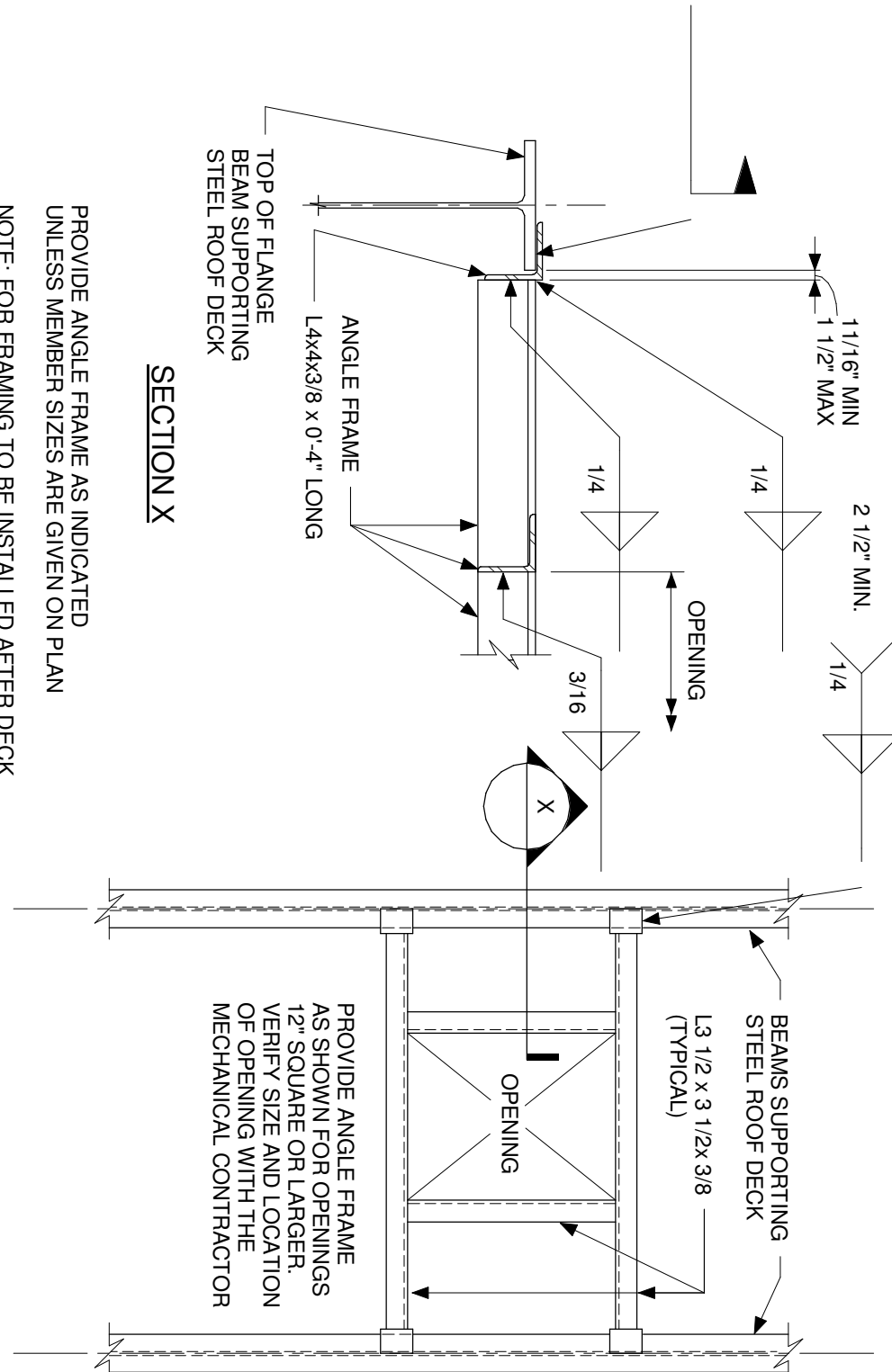
3 TYPICAL JOIST AND DECK REINFORCEMENT
3/4" = 1'-0"



4 TYPICAL 1 1/2" AND 3" ROOF DECK WELDING PATTERN
1" = 1'-0"



5 TYPICAL ROOF EDGE DETAIL (EOD UP TO 1'-6")
1" = 1'-0"



6 TYPICAL ROOF DECK OPENING
1" = 1'-0"

- NOTES:
1. END LAPS SHALL OCCUR ONLY AT SUPPORT POINTS.
 2. WELD THRU MULTIPLE SHEETS AT ALL END AND SIDE LAPS.
 3. DECK UNITS SHALL BE CONTINUOUS OVER AS MANY SPANS AS THE STRUCTURAL STEEL LAYOUT WILL PERMIT.

Marian University
ALUMNI HALL
3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
1000 North Meridian Street
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-653-4240

Structural Engineer
Fink Roberts & Patis, Inc.
4400 Vincennes Circle
Suite 300
Indianapolis, Indiana 46258
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Diamond and Associates, Inc.
722 North Collins Street
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Seeling Engineering, LLC
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT 6/27/13
REISSUE

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS OWNED BY RATIO ARCHITECTS, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM RATIO ARCHITECTS, INC. ALL COMMON LAW AND STATUTE RIGHTS ARE HEREBY SPECIFICALLY RESERVED.

TYPICAL STEEL ROOF FRAMING DETAILS

SHEET NUMBER
S520

Marian University
ALUMNI HALL
3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4246

Structural Engineer
Fink Roberts & Patis, Inc.
4940 Vincennes Circle
Suite 300
Indianapolis, Indiana 46258
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Diamond and Associates, Inc.
722 North Collins Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Seeling Engineering, LLC
12325 East Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT 6/27/13

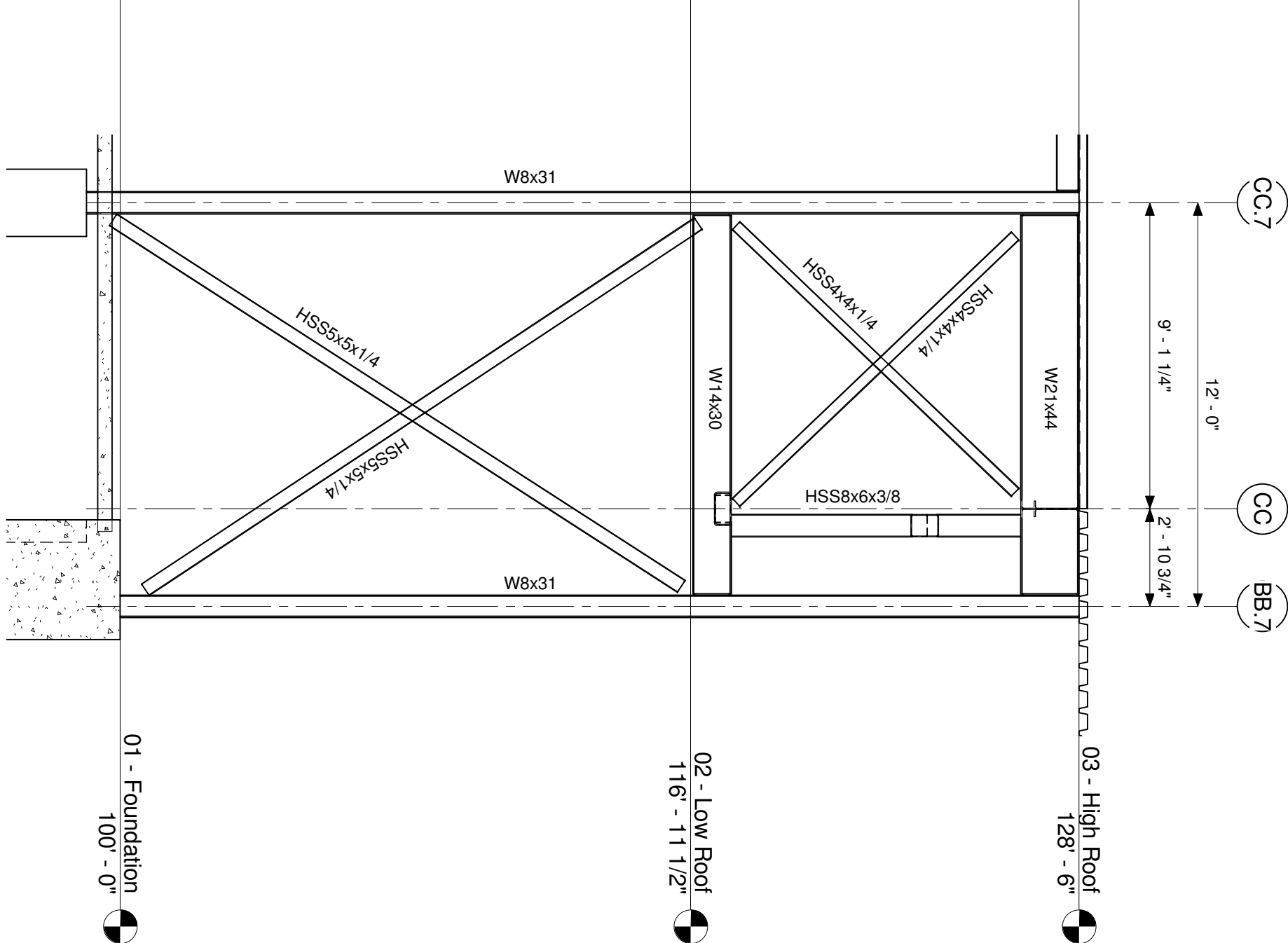
REISSUE

CHECKED BY	
APPROVED BY	
PROJECT NO.	13026.00
COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS OWNED BY RATIO ARCHITECTS, INC. ANY REPRODUCTION OR DISSEMINATION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF RATIO ARCHITECTS, INC. IS COMMON LAW VIOLATION AND IS PROHIBITED. OTHERS ARE HEREBY SPECIFICALLY FORBIDDEN.	

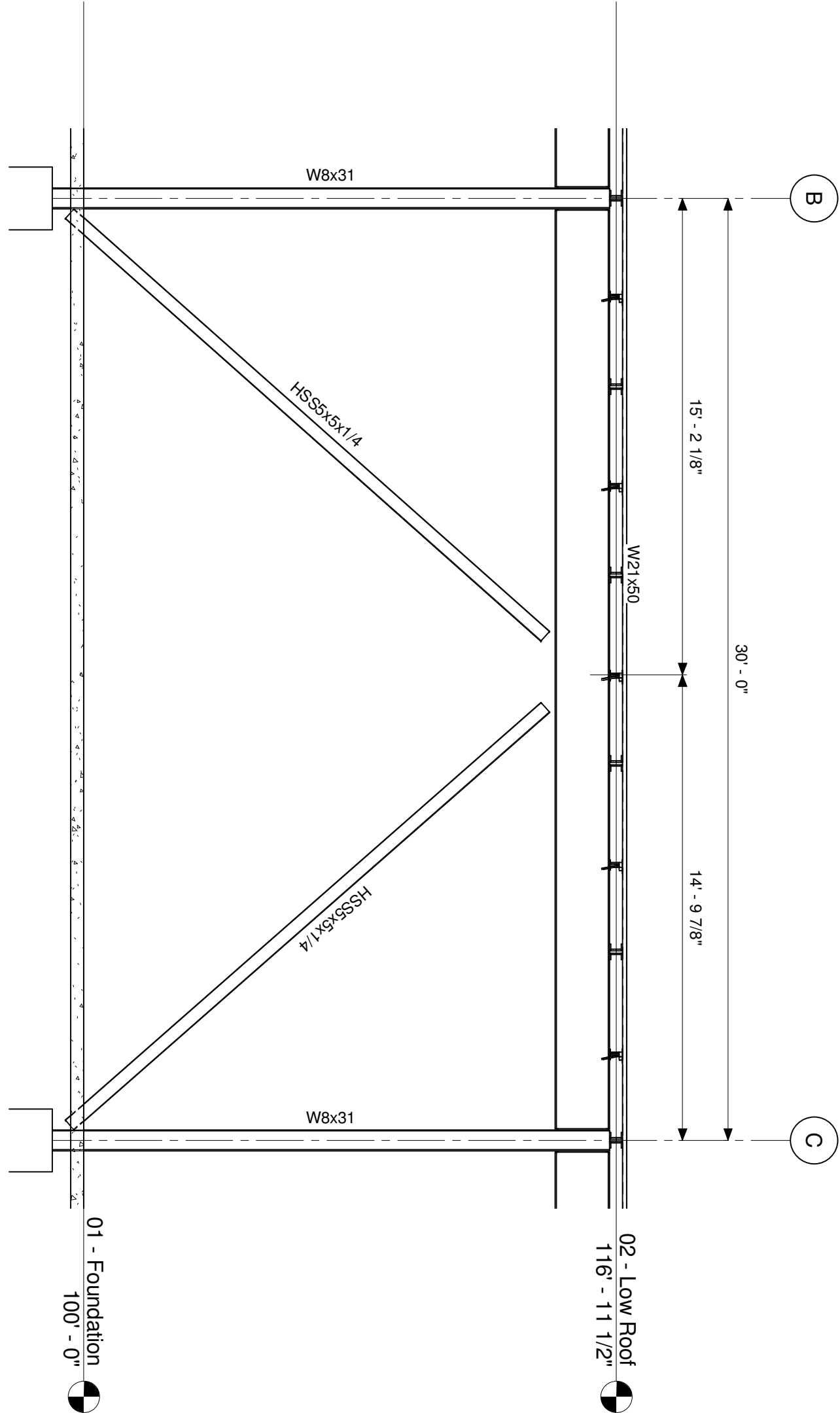
SHEET TITLE
**BRACING
ELEVATIONS**

SHEET NUMBER

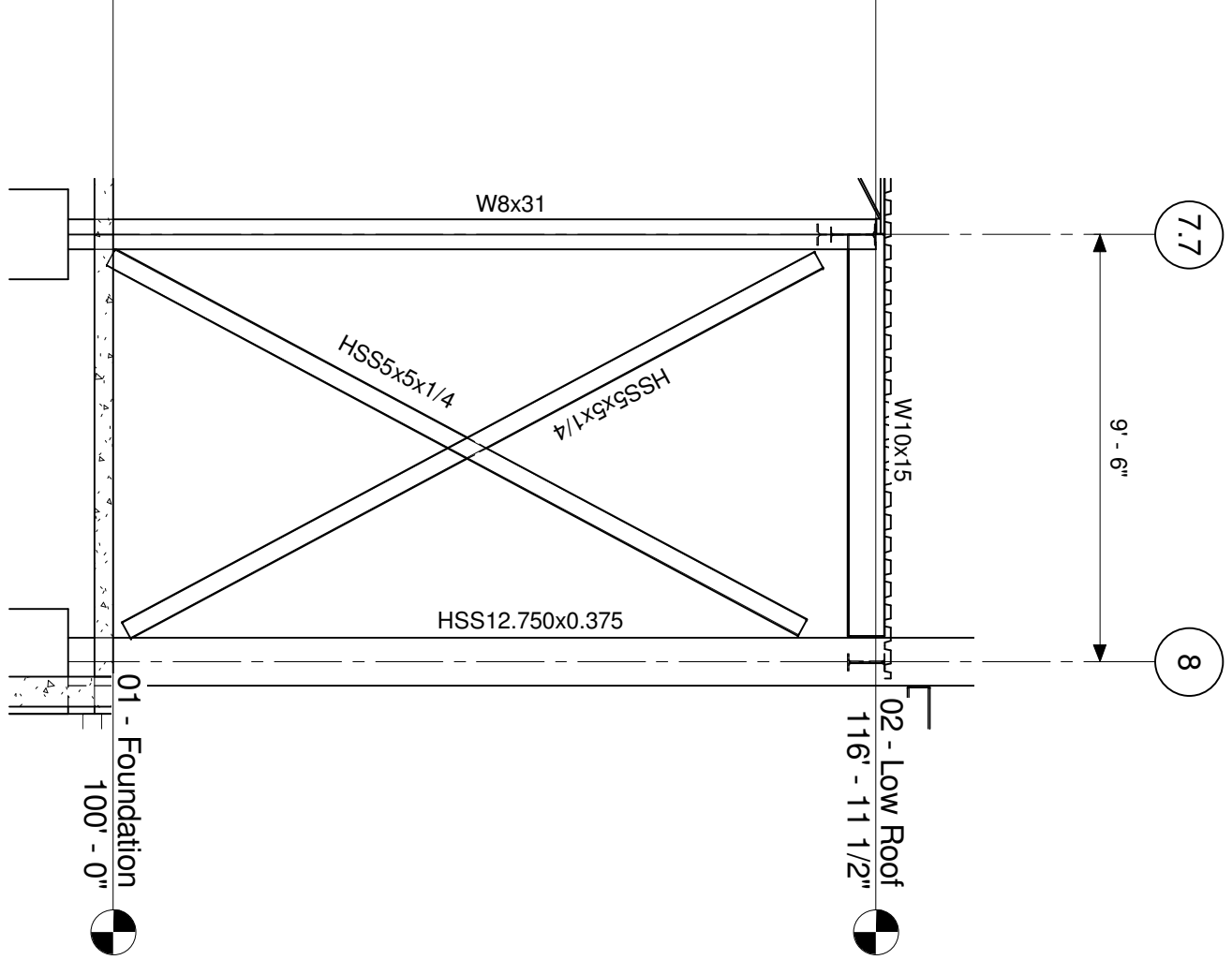
S540



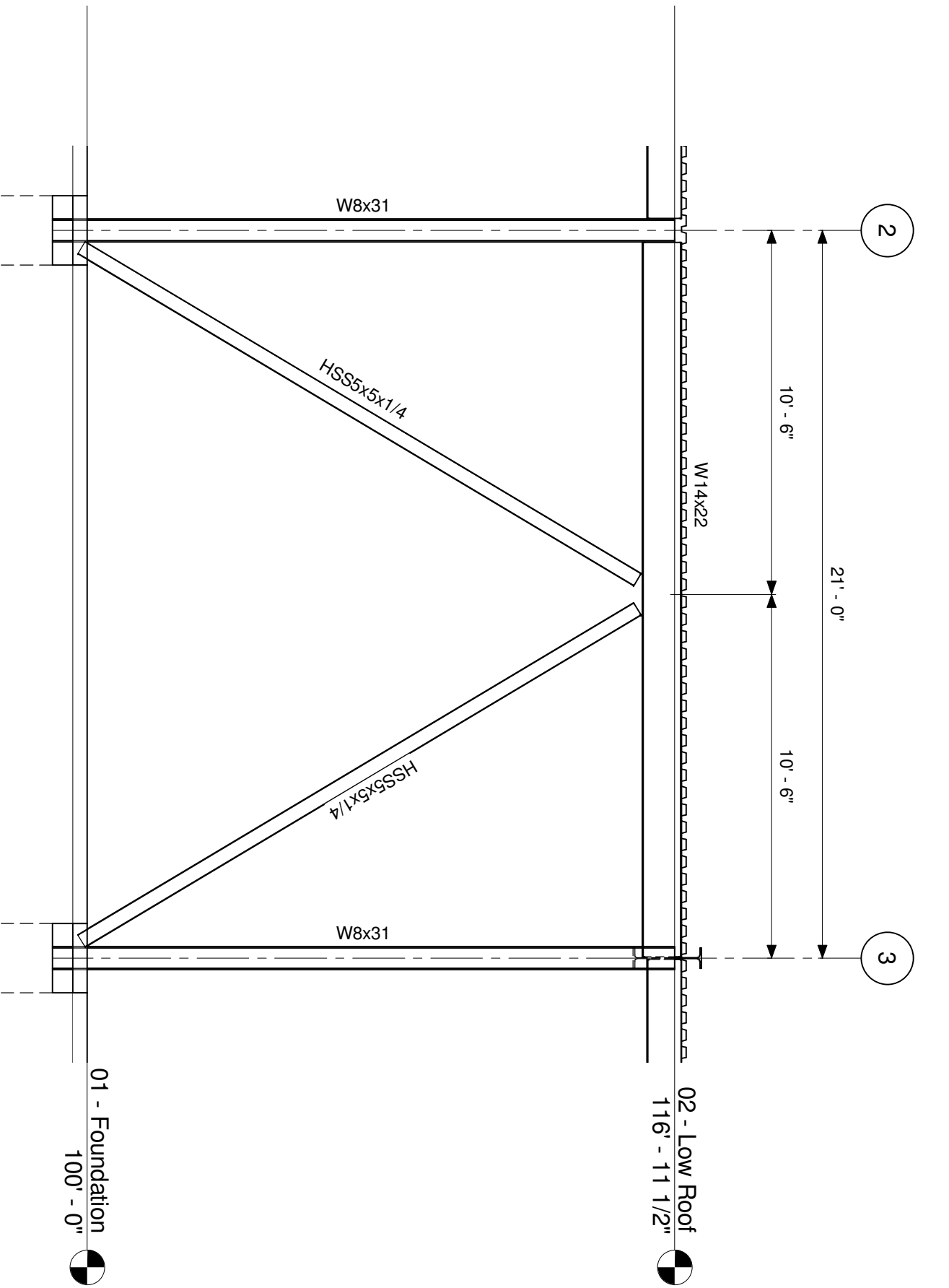
BRACING ELEVATION 8/BB.7-CC.7
1/4" = 1'-0"



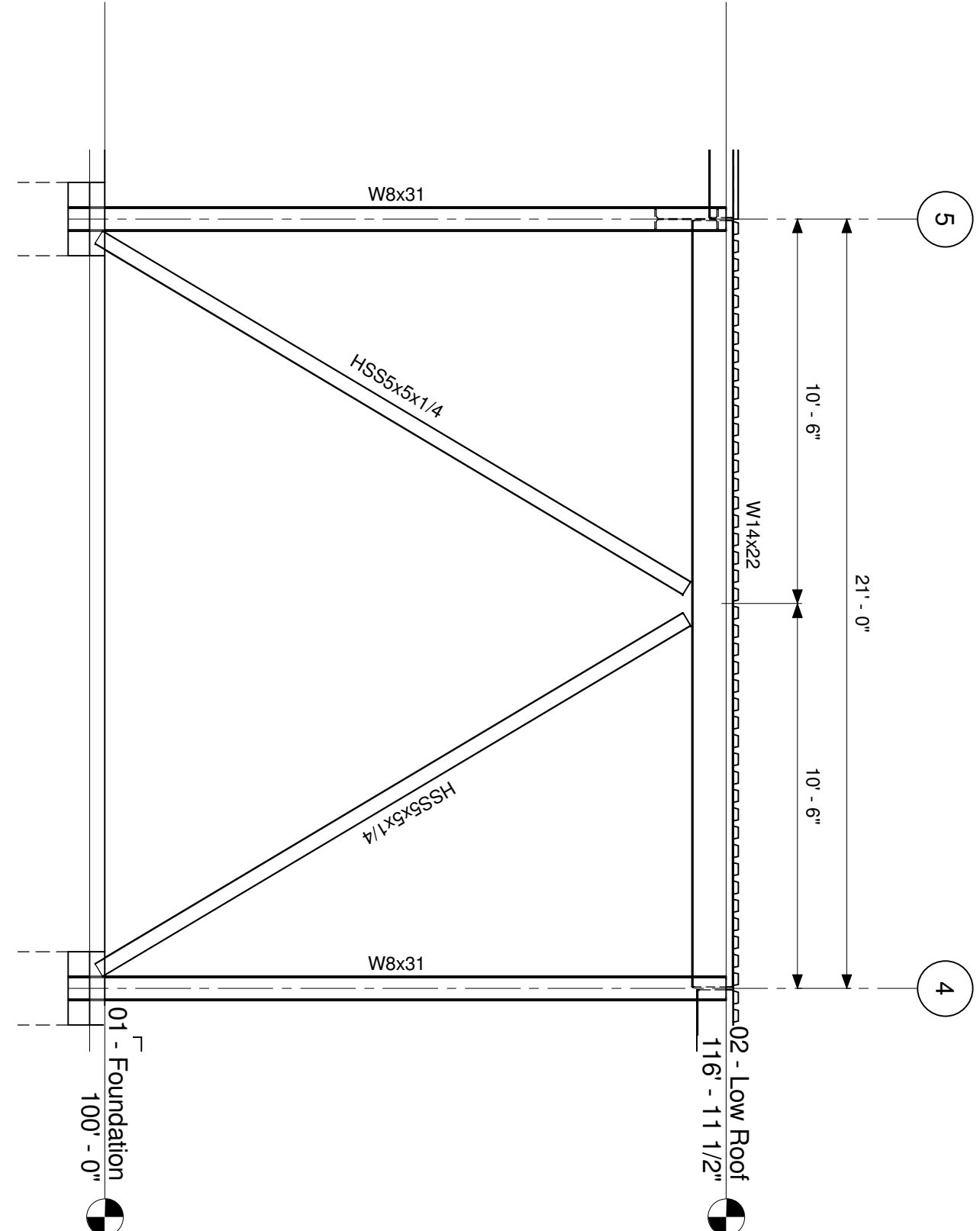
BRACING ELEVATION 5/B-C
1/4" = 1'-0"



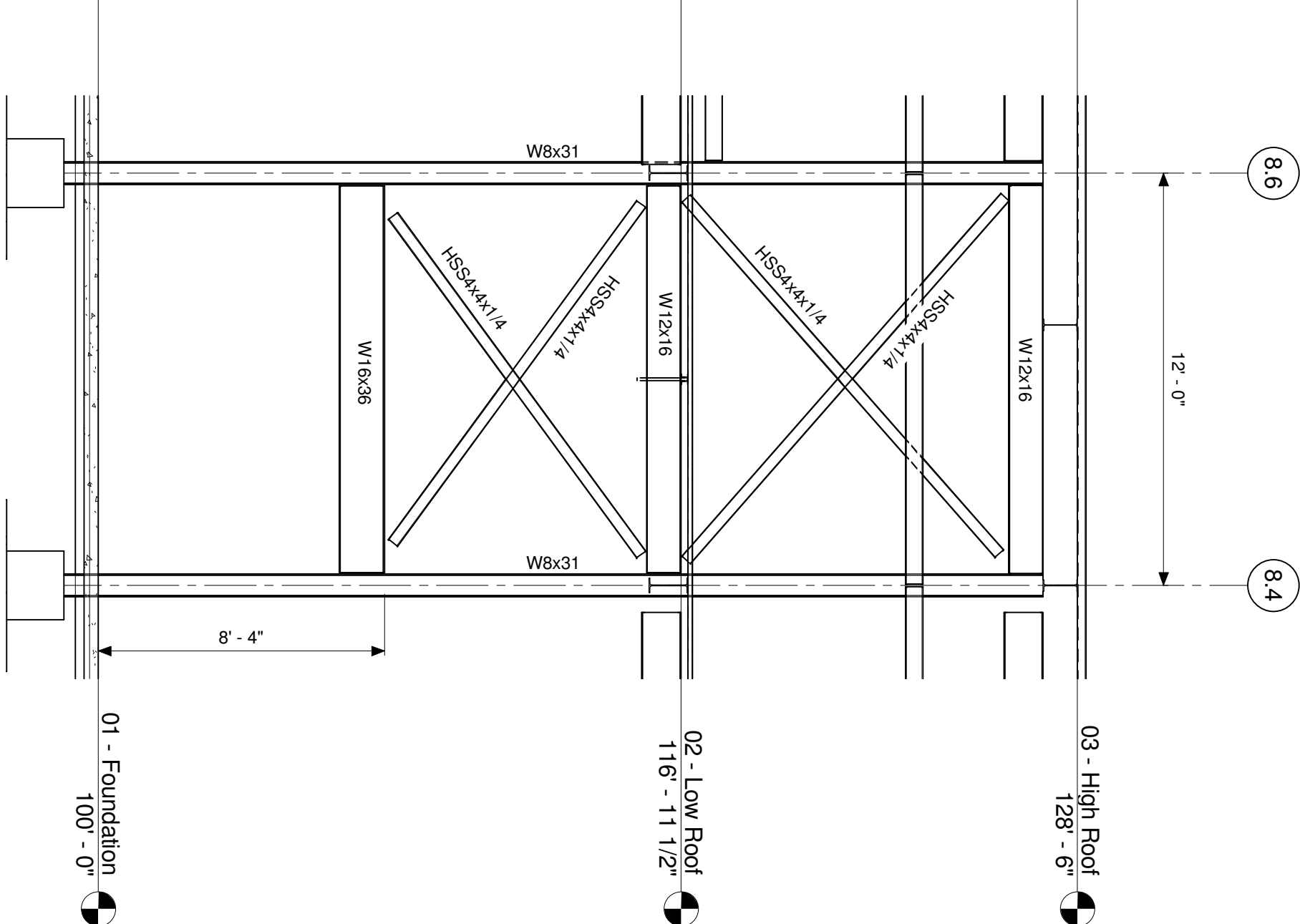
BRACING ELEVATION 5/B-C
1/4" = 1'-0"



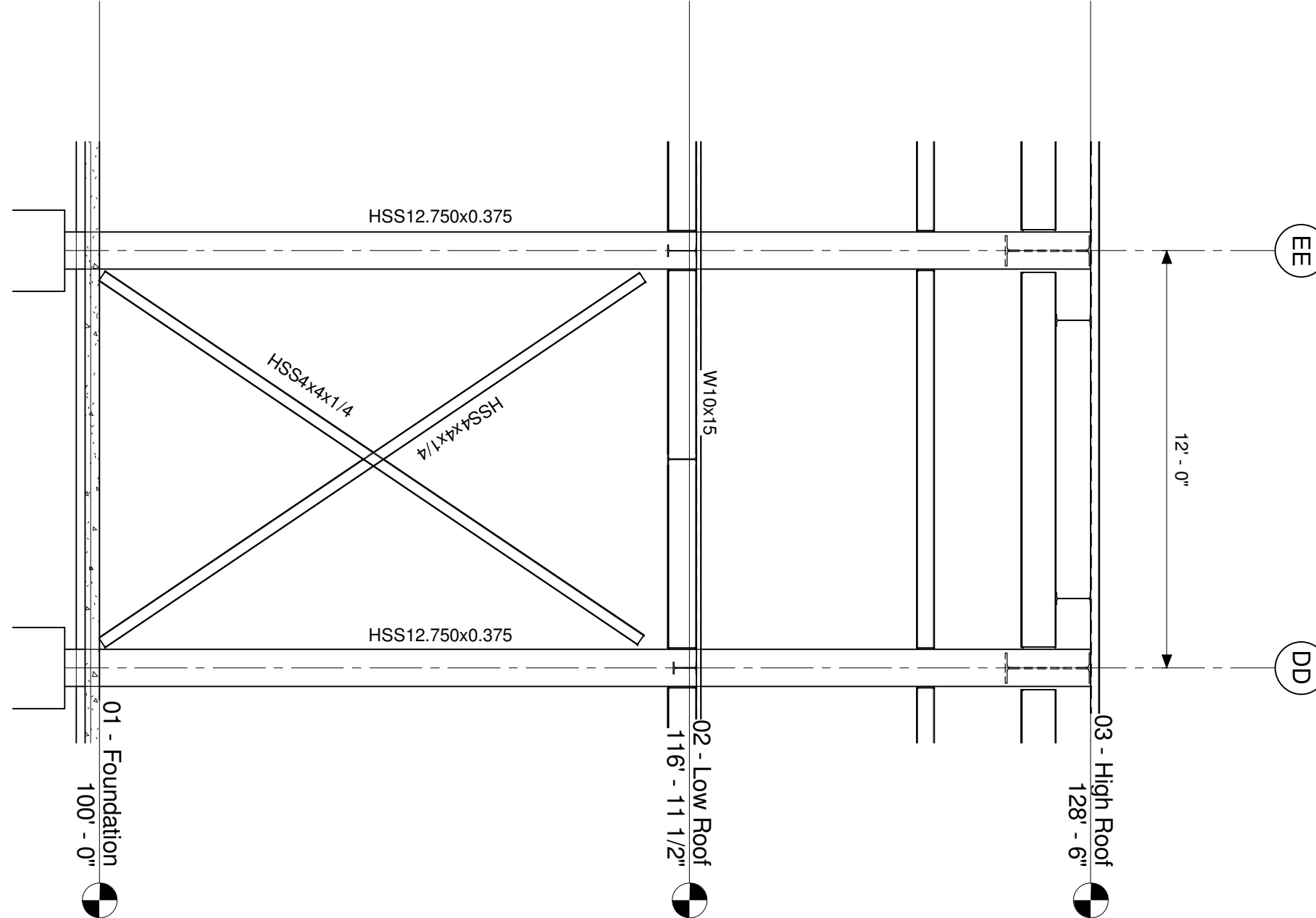
BRACING ELEVATION 1/B-C
1/4" = 1'-0"



BRACING ELEVATION A/2-3
1/4" = 1'-0"



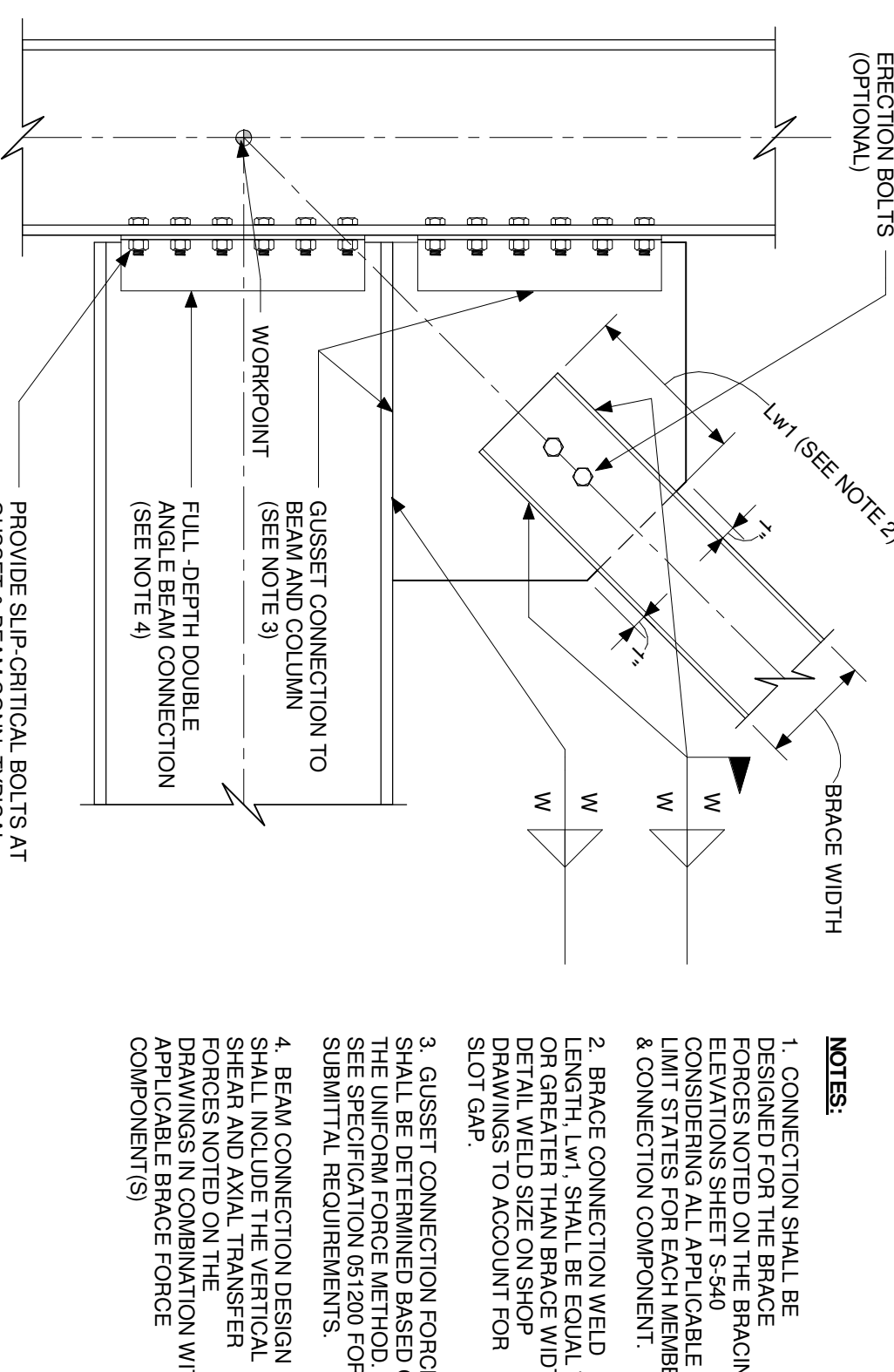
BRACING ELEVATION C/7-7-8
1/4" = 1'-0"



BRACING ELEVATION 8/DD-EE
1/4" = 1'-0"

BRACING ELEVATION D/4-5
1/4" = 1'-0"

BRACING ELEVATION D/4-5
1/4" = 1'-0"



Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania St.
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.

Suite 300
Indianapolis, Indiana 46268
(317) 878-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC

Carmel, Indiana 46032
(317) 663-3206

NOT FOR C
DESIGN DEVE

REISSUE

CHECKED BY _____

APPROVED BY	
-------------	--

1800

13026.00	
----------	--

CONTRIBUTORS
PURSUING
ARCHITECTURE
DISSEMINATE

RATIO
LAW F
OTHER
RESER

TYPICAL

DETAILS

SHEET NUMBER

C

ABBREVIATIONS

A	AIR CONDITIONING	F	FIRE RESISTIVE	N	N.A.F. NO APPLIED FINISH	U	UNLESS NOTED OTHERWISE
A/C	ACOUSTICAL	F.R.	FABRICATE/FABRICATOR	N.A.F.	NOT IN CONTRACT	U.N.D.	UTILITY
A.C.T.	ACOUSTICAL CEILING TILE	F.C.U.	FAN COIL UNIT	N.I.C.	NUMBER	U.T.L.	UNIT VENTILATOR
A.C.P.	ACOUSTICAL CEILING PANEL	F.D.	FLOOR DRAIN	N.T.S.	NOT TO SCALE	U.V.	UNIT VENTILATOR
ADA	AMERICANS WITH DISABILITIES ACT	F.E.	FIRE EXTINGUISHER	O	OVER ALL	V	VINYL COMPOSITION TILE
ADAAG	AMERICANS WITH DISABILITIES ACCESSIBILITY GUIDELINES	F.E.C.	FIRE EXTINGUISHER CABINET	O.A.	ON CENTER	V.C.T.	VERTICAL
ADJ.	ADJUSTABLE	F.F.E.	FINISH FLOOR ELEVATION	O.C.	OUTSIDE DIAMETER	VERT.	VESTIBULE
A/E	ARCHITECT/ENGINEER	F.F.A.E.	FURNISHINGS, FIXTURES AND EQUIPMENT	O.D.	OWNER FURNISHED-CONTRACTOR INSTALLED	VEST.	VERIFY IN FIELD
A.F.F.	ABOVE FINISHED FLOOR	F.H.C.	FIRE HOSE CABINET	O.F.C.I.	OWNER FURNISHED-CONTRACTOR INSTALLED	W	WIDEWIDTH
ALT.	ALTERNATE	FIN.	FINISHED	O.F.O.I.	OWNER FURNISHED-OWNER INSTALLED	W.C.	WITH
ALUM.	ALUMINUM	FLR.	FLOOR	O.H.	OPPOSITE HAND	W.C.	WATER CLOSET
A.P.	ACCESS PANEL	FLUOR.	FLUORESCENT	OPG.	OPENING	WD.	WOOD
ARCH.	ARCHITECT/ARCHITECTURAL	F.O.	FINISH OPENING	OPP.	OPPOSITE	W.H.	WATER HEATER
A.V.	AUDIO/VISUAL	F.O.B.	FACE OF BLOCK			WO	WITHOUT
		F.O.BR.	FACE OF BRICK	P	PROPERTY LINE	WT.	WEIGHT
		F.O.C.	FACE OF CONCRETE	P.L.	PLASTIC LAMINATE	W.W.F.	WELDED WIRE FABRIC
		F.O.F.	FACE OF FINISH	PLAS.	PLASTER		MISCELLANEOUS
		F.O.G.	FACE OF GYPSUM BD.	PR	PAIR		
		F.O.S.	FACE OF STUD	PR.FAB.	PREFABRICATED		
		FRP.	FIREPROOF	PT. BD.	PAINTED BOARD		
		FT.	FOOT/FEET	PTD.	PAINTED		
		F.V.	FIELD VERIFY	PWD.	PLYWOOD		
				Q	QUARRY TILE		
C	CABINET	GA	GAUGE	Q.T.	QUARRY TILE		
C.B.	CONTRACTOR	G.C.	GENERAL CONTRACTOR				
C.F.C.I.	FURNISHED-CONTRACTOR INSTALLED	GEN.	GENERAL				
C.G.	CORNER GUARD	GL.	GLASS				
C.I.P.	CAST-IN-PLACE	G.W.B.	GYPSUM WALL BOARD				
C.J.	CONTROL JOINT						
C.L.	CENTERLINE	H	HEIGHT				
C.L.G.	CLEARANCE	H.	HOSE BIBB				
C.M.	CONSTRUCTION MANAGER	HB	HARDWARE				
CMP	COMPOSITE METAL PANEL	HDWR.	HOLLOW METAL				
C.M.U.	CONCRETE MASONRY UNIT	H.M.	HORIZONTAL				
COL.	COLUMN	HORIZ.	HEIGHT				
CONC.	CONCRETE	HT.	HEATING, VENTILATION & A.C.				
CONST.	CONSTRUCTION	H.W.	HOT WATER				
CONT.	CONTINUOUS						
CONTR.	CONTRACTOR						
COORD.	COORDINATE						
CPT.	CARPET						
C.T.	CERAMIC TILE						
C.W.	COLD WATER						
D	DIRECT EXTERIOR FINISH SYSTEM						
D.E.F.S.	DEPARTMENT						
DEPT.	DETAIL						
D.F.	DRINKING FOUNTAIN						
DIA.	DIAMETER						
DM.	DIMENSION						
DISP.	DISPENSER						
D.M.B.	DRY MARKER BOARD						
DN	DOWN						
DS	DOWNSPOUT						
DWG.	DRAWING						
E	EACH						
E.A.	ELECTRICAL CONTRACTOR						
E.C.	EXTERIOR INSULATION FINISH SYSTEM						
E.I.F.S.	EXPANSION JOINT						
EL	ELEVATION						
ELEC.	ELECTRIC/ELECTRICAL						
ELEV.	ELEVATOR/ELEVATION						
ENGR.	ENGINEER						
E.P.	ELECTRICAL PANEL						
EQ.	EQUAL						
EQUIP.	EQUIPMENT						
E.W.C.	ELECTRIC WATER COOLER						
EXIST.	EXISTING						
EXP.	EXPOSED						
EXT.	EXTERIOR						

ARCHITECTURAL MATERIAL LEGEND

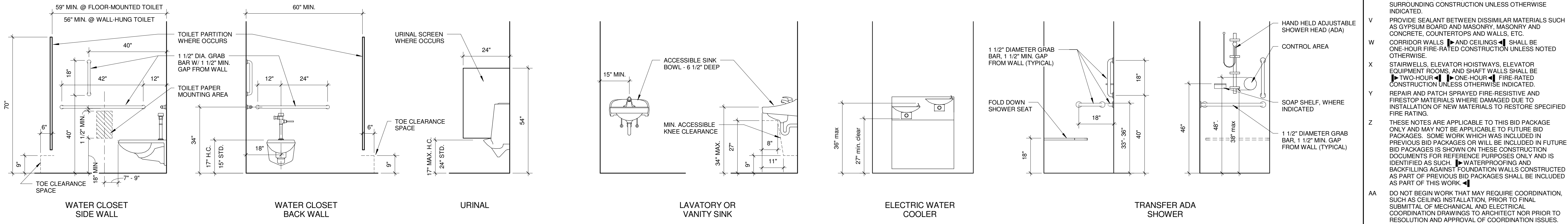
	EARTH		FINISHED WOOD SHOWN CUT AND ELEVATION		ACOUSTICAL CEILING TILE
	GRANULAR FILL		ENGINEERED WOOD: GLUE LAMINATED		RESINOUS FLOORING: TERRAZO, TROWEL-ON, UNO
	SAND, GROUT AS NOTED		WOOD FLOOR, WOOD SHINGLES, OR SIDING		TILE: CERAMIC, QUARRY, UNO
	CAST-IN-PLACE CONCRETE		PARTICLEBOARD		CARPET, CARPET TILE (DETAIL)
	PRECAST CONCRETE, CAST STONE		PLYWOOD		GRATING SHOWN IN PLAN
	CONCRETE MASONRY UNIT		GLASS FIBER REINFORCED CONCRETE SIDING OR TRIM		INSULATED GLASS: (SMALL SCALE)
	BRICK MASONRY		EIFS		INSULATED GLASS: (DETAIL)
	STONE: LIMESTONE, GRANITE, MARBLE OR AS NOTED		SPRAYED FIREPROOFING SHOWN ON ROLLED SHAPE		MEMBRANE: WATERPROOF, ROOF, DAMPROOFING
	TERRA COTTA, STRUCTURAL CLAY TILE		BATT INSULATION: THERMAL OR ACOUSTICAL, UNO		AIR BARRIER SYSTEM
	METAL: TYPE AS NOTED		RIGID INSULATION: THERMAL, ACOUSTICAL, OR SIDING		
	METAL: ROLLED SHAPES		GYPSUM WALL BOARD		
	WOOD FRAMING / BLOCKING: CONTINUOUS		PLASTER ON METAL LATH		
	WOOD SHIM		SHEATHING: GYPSUM, OR AS NOTED		

NOTE: PATTERNS SHOWN REPRESENT CUT MATERIALS IN PLAN OR SECTION, UNLESS NOTED OTHERWISE ABOVE.

ARCHITECTURAL SYMBOLS LEGEND

	COLUMN GRIDS		DOOR / DOOR NUMBER		PARTITION TYPE SYMBOL
	ELEVATION DATUM REFERENCE		KEY NOTE (SHAPE VARIES)		WINDOW NUMBER
	ENLARGED DRAWING REFERENCE		ALIGN DESIGNATED SURFACES		NORTH ARROW
	BUILDING SECTION CUT REFERENCE		REVISION REFERENCE		ROOF SLOPE - ARROW POINTS TOWARD DRAIN
	WALL SECTION CUT REFERENCE		ROOM NAME AND NUMBER		

STANDARD-PLUMBING FIXTURE REQUIREMENTS



STANDARD TOILET ROOM ACCESSORY MOUNTING HEIGHTS

ITEM:	MOUNTING HEIGHT:	ACCESSORY SYMBOL TAG:
PAPER TOWEL DISPENSER/WASTE RECEPTACLE	MAX. 48"	01A
PAPER TOWEL DISPENSER	MAX. 48"	01B
RECESSED PAPER TOWEL DISPENSER	MAX. 48"	01C
WARM AIR HAND DRYER	MAX. 48"	01D
SANITARY NAPKIN TAMPON VENDOR	MAX. 48"	02
SANITARY DISPOSAL	30"	03
TOILET PAPER DISPENSER	24"	04A
TOILET PAPER HOLDER	15" MIN.	04B
TOILET TISSUE/SEAT COVER DISPENSER	34"	04C
TOILET TISSUE/SANITARY NAPKIN DISPOSAL/SEAT COVER DISPENSER	34"	04D
GRAB BAR	34"	04E
SOAP DISPENSER	34"	04F
JANITOR'S CLOSET SELF	38"	04G
MIRROR	70"	05
COAT HOOK/DOOR BUMPER	48" ADA 60" TYP.	06A
CLOTHES HOOK	54"	06B
CHANGING STATION	33 1/2" MAX.	07
FOLDING UTILITY SHELF	42"	08
WARM AIR HAND DRYER	48"	09

GENERAL ARCHITECTURAL NOTES

- A THESE GENERAL NOTES APPLY TO ARCHITECTURAL DRAWINGS.
- B WORK SHOWN ON THE DRAWINGS SHALL BE BASE BID UNLESS SPECIFICALLY NOTED TO BE BY ALTERNATE BID.
- C FIELD VERIFY EXISTING FINISH FLOOR ELEVATIONS PRIOR TO STARTING CONSTRUCTION. MATCH NEW FLOOR ELEVATIONS WITH EXISTING UNLESS NOTED OTHERWISE.
- D DIMENSIONS TO EXISTING CONSTRUCTION ARE TO FINISH SURFACE. DIMENSIONS TO NEW CONSTRUCTION ARE TO STRUCTURAL CENTERLINE. FACE OF CONCRETE OR MASONRY CONSTRUCTION, OR TO FACE OF FINISH UNLESS NOTED OTHERWISE. FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO STARTING WORK AND NOTIFY ARCHITECT IMMEDIATELY IF DISCREPANCIES ARE FOUND BETWEEN CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS.
- E DO NOT SCALE DRAWINGS. REFER DIMENSION QUESTIONS TO ARCHITECT FOR INTERPRETATION.
- F DOOR AND FRAME NUMBERS CORRESPOND TO RESPECTIVE ROOM NUMBERS. IN ROOMS WITH MULTIPLE OPENINGS, A SUFFIX HAS BEEN ADDED TO DOOR NUMBERS, I.E. A101-B.
- G LOCATE INSIDE FACE OF DOOR FRAME JAMBS 6 INCHES FROM FINISH FACE OF ADJACENT WALLS UNLESS NOTED OTHERWISE.
- H COORDINATE EQUIPMENT WORK WITH MANUFACTURERS AND SUPPLIERS TO INSURE PROPER ROUGH-IN CLEARANCES FOR INSTALLATION, USE AND MAINTENANCE. PROTECT EXISTING SURFACES TO REMAIN THAT ARE NOT INCLUDED IN SCOPE OF WORK BUT THAT ARE WITHIN AREAS OF CONSTRUCTION ACTIVITY.
- J PATCH, REPAIR AND RESTORE EXISTING FINISHES AND SURFACES TO "AS NEW CONDITION" AS REQUIRED TO MATCH SURROUNDING MATERIALS OR TO PROVIDE APPROPRIATE SUBSTRATE PRIOR TO INSTALLING NEW FINISHES. AREAS NOTED TO BE PATCHED OR REPAIRED ON THE DRAWINGS ARE GIVEN FOR REFERENCE AND SHALL NOT BE INTERPRETED TO LIMIT THE SCOPE OF WORK.
- K VERTICAL COURSING FOR NEW MASONRY WALL CONSTRUCTION SHALL EQUAL EIGHT INCHES (8") FOR ONE CONCRETE MASONRY UNIT PLUS ONE MORTAR JOINT AND THREE BRICK COURSES PLUS THREE MORTAR JOINTS, UNLESS NOTED OTHERWISE.
- L TOOTH NEW MASONRY INTO EVERY OTHER COURSE OF EXISTING MASONRY UNLESS OTHERWISE INDICATED. PROVIDE HORIZONTAL ANCHORS BETWEEN NEW AND EXISTING MASONRY AT CONDITIONS THAT PROHIBIT TOOTHED-TYPE CONSTRUCTION. HORIZONTAL JOINTS OF NEW MASONRY SHALL MATCH EXISTING UNLESS OTHERWISE INDICATED. NEW MASONRY BOND SHALL MATCH EXISTING UNLESS OTHERWISE INDICATED.
- M PROVIDE CONTROL JOINTS (C.J.) IN MASONRY CONSTRUCTION AS INDICATED, WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN VERTICAL JOINTS OF 30'-0" AND MAXIMUM DISTANCE BETWEEN OUTSIDE CORNERS AND JOINTS OF 8'-0". PROVIDE JOINTS BETWEEN INTERIOR LOAD BEARING AND NON-LOAD BEARING PARTITIONS, AT ALL ABRUPT CHANGES IN WALL HEIGHT, AT CHANGES IN PARTITION THICKNESS AND AT PLASTER LOCATIONS. VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.
- N PROVIDE CONTROL JOINTS (C.J.) IN GYPSUM BOARD WALL CONSTRUCTION AS INDICATED, WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 30'-0". VERIFY FINAL CONTROL JOINT LOCATIONS WHETHER OR NOT INDICATED ON THE DRAWINGS WITH ARCHITECT PRIOR TO STARTING WORK.
- O WOOD OR METAL STUD SPACING SHALL BE 16" ON CENTER UNLESS NOTED OTHERWISE.
- P PROVIDE WATER-RESISTANT GYPSUM BOARD ON WALLS WITH OPERABLE PLUMBING FIXTURES AND WITHIN 4'-0" OF DRINKING FOUNTAINS OR WATER COOLERS.
- Q PROVIDE FINISHED END PANELS, FILLERS, SUPPORTS, ETC. REQUIRED FOR A COMPLETE CABINETS INSTALLATION. PROVIDE CUTOOTS, ACCESS PANELS AND REMOVABLE COMPONENTS AS REQUIRED BY NEW OR EXISTING CONDITIONS SUCH AS ELECTRICAL OUTLETS, JUNCTION BOXES, CLEANOUTS, ETC. MOUNT TOP OF WALL CABINETS AT +7'-0" A.F.F. UNLESS OTHERWISE INDICATED.
- R VERIFY MOUNTING HEIGHTS OF ACCESSORIES, EQUIPMENT, DOOR HARDWARE, CASEWORK, ETC., AND PROVIDE SOLID BLOCKING BEHIND ITEMS REQUIRING ANCHORAGE. PROVIDE FIRE TREATED WOOD BLOCKING OR METAL STRIPS BETWEEN FRAMING MEMBERS AS REQUIRED TO SUPPORT WEIGHT AND USE OF ITEMS TO BE SUPPORTED. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, MOUNT ITEMS IN ACCORDANCE WITH RECOGNIZED INDUSTRY STANDARDS, COORDINATE LOCATIONS WITH MANUFACTURER OR SUPPLIER AND REFER MOUNTING HEIGHT QUESTIONS TO ARCHITECT FOR INTERPRETATION.
- S PROVIDE SEALANT BETWEEN HOLLOW METAL FRAME PERIMETERS AND SURROUNDING WALL CONSTRUCTION UNLESS OTHERWISE INDICATED.
- T PROVIDE SEALANT BETWEEN INTERIOR AND EXTERIOR WINDOW AND STOREFRONT FRAME PERIMETERS AND SURROUNDING CONSTRUCTION UNLESS OTHERWISE INDICATED.
- U PROVIDE SEALANT BETWEEN DISSIMILAR MATERIALS SUCH AS GYPSUM BOARD AND MASONRY, MASONRY AND CONCRETE, COUNTERTOPS AND WALLS, ETC.
- V CORRIDOR WALLS, FLOORS AND CEILINGS SHALL BE ONE-HOUR FIRE-RATED CONSTRUCTION UNLESS NOTED OTHERWISE.
- W STAIRWELLS, ELEVATOR HOISTWAYS, ELEVATOR EQUIPMENT ROOMS, AND SHAFT WALLS SHALL BE TWO-HOUR FIRE-RATED CONSTRUCTION UNLESS OTHERWISE INDICATED.
- X REPAIR AND PATCH SPRAYED FIRE-RESISTIVE AND FIRESTOP MATERIALS WHERE DAMAGED DUE TO INSTALLATION OF NEW MATERIALS TO RESTORE SPECIFIED FIRE RATING.
- Y THESE NOTES ARE APPLICABLE TO THIS BID PACKAGE ONLY AND MAY NOT BE APPLICABLE TO FUTURE BID PACKAGES. SOME WORK WHICH WAS INCLUDED IN PREVIOUS BID PACKAGES OR WILL BE INCLUDED IN FUTURE BID PACKAGES IS SHOWN ON THESE CONSTRUCTION DOCUMENTS FOR REFERENCE PURPOSES ONLY AND IS IDENTIFIED AS SUCH. WATERPROOFING AND BACKFILLING AGAINST FOUNDATION WALLS CONSTRUCTED AS PART OF PREVIOUS BID PACKAGES SHALL BE INCLUDED AS PART OF THIS WORK.
- Z DO NOT BEGIN WORK THAT MAY REQUIRE COORDINATION, SUCH AS CEILING INSTALLATION, PRIOR TO FINAL SUBMITTAL OF MECHANICAL AND ELECTRICAL COORDINATION DRAWINGS TO ARCHITECT NOR PRIOR TO RESOLUTION AND APPROVAL OF COORDINATION ISSUES.
- AA REFER TO LIFE SAFETY PLAN DRAWINGS AND CODE SUMMARY FOR FIRE-RATED FLOOR, WALL, CEILING AND ROOF LOCATIONS. INSTALL FIRESTOPPING AT PENETRATIONS IN RATED CONSTRUCTION AND AT TOPS OF RATED WALLS.
- BB REFER TO STRUCTURAL DRAWINGS FOR FOOTING AND FOUNDATION DRAINS, UNDERSLAB DRAINAGE AND BACKFILL REQUIREMENTS.
- CC REFER TO LANDSCAPE AND CIVIL DRAWINGS FOR SITE ELEMENTS AND IMPROVEMENTS ADJACENT TO BUILDING EXTERIOR.
- DD REFER TO CIVIL DRAWINGS FOR FINISH FLOOR ELEVATIONS: 100'-0" = 720.00
- EE REFER TO A-002 FOR PARTITION CONSTRUCTION TYPE.
- FF REV. 10/27/10

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Structural Engineer

Fink Roberts & Patrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46288
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



RATIO

SHEET TITLE

GENERAL NOTES,
SYMBOLS, AND
STANDARD
MOUNTING HEIGHTS

SHEET NUMBER

A-001

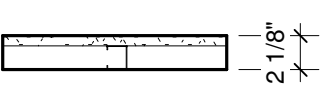
FINISH SCHEDULE										
Finish-Order	Location	Finish Type	Tag	Manufacturer	Finish Description					Comments
					Style	Size	Product Number	Color	Install Notes	
1	WALL	PORCELAIN TILE	CWT-1							
1	WALL	GLASS PANEL	GL-5							
1	WALL	PAINT	PT-1	SHERWIN WILLIAMS	PER SPECIFICATIONS U.N.O.	N/A				
1	WALL	PAINT	PT-2	SHERWIN WILLIAMS						
1	WALL	PAINT	PT-3	SHERWIN WILLIAMS						
1	WALL	PAINT	PT-4	SHERWIN WILLIAMS						
1	WALL	PAINT	PT-5	SHERWIN WILLIAMS						
1	WALL	WALLCOVERING	WC-1							
1	WALL	WALLCOVERING	WC-2							
2	BASE	PORCELAIN TILE	CB-1							
2	BASE	RESILIENT	RB-1		ROLLED GOODS, COVE BASE	4" H		COMMENT 1		
2	BASE	WOOD	WB-1	MILLWORK						
3	FLOOR	CONCRETE	CON-1						PREP AND SEAL PER SPECIFICATIONS	
3	FLOOR	MODULAR CARPET	CPT-1							
3	FLOOR	MODULAR CARPET	CPT-2							
3	FLOOR	MODULAR CARPET	CPT-3							
3	FLOOR	PORCELAIN TILE	CT-1							
3	FLOOR	PORCELAIN TILE	CT-2							
3	FLOOR	PORCELAIN TILE	CT-3							
3	FLOOR	EPOXY FLOORING	EP-1							
3	FLOOR	RESILIENT SURFACE	RS-1							
3	FLOOR	WALK-OFF MATERIAL	WO-1							
4	CEILING	ACOUSTICAL CEILING TILE	ACT-1	ARMSTRONG		24"x24"x3/4"		WHITE		
4	CEILING	ACOUSTICAL CEILING TILE	ACT-2	ARMSTRONG		24"x24"x3/4"		WHITE		
4	CEILING	ACOUSTICAL CEILING TILE	ACT-3	ARMSTRONG	3161 OPTIMA LAY-IN REGULAR	24"x72"x3/4"		WHITE		
5	MILLWORK/CA SEWORK	SOLID SURFACE	SSM-1					REFER TO DRAWINGS		
5	MILLWORK/CA SEWORK	SOLID SURFACE	SSM-2							
6	WINDOW	POWERED ROLLER SHADES	WT-1		MOTORIZED					
6	WINDOW	ROLLER SHADES	WT-2		MANUAL					

INTERIOR PARTITION TYPES

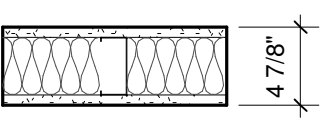
* FIRE RATING AND ACOUSTICAL ATTENUATION WHEN REQUIRED BY PARTITION SYMBOL

WS REFER TO WALL SECTION FOR CONSTRUCTION

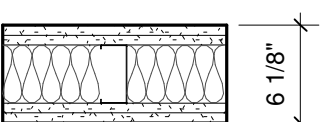
S1FA 1 1/2" METAL Z FURRING WITH (1) LAYER 5/8" GYPSUM WALL BOARD ONE SIDE



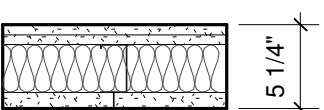
S3A 3 5/8" METAL STUDS WITH (1) LAYER 5/8" TYPE X GYPSUM WALL BOARD EACH SIDE
* 1 HR RATED UL419
* ACOUSTIC ATTEN. COMPONENTS STC-



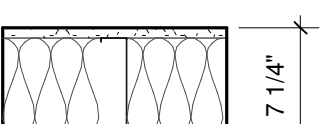
S3B 3 5/8" METAL STUDS WITH (2) LAYERS 5/8" TYPE X GYPSUM WALL BOARD EACH SIDE
* 2 HR RATED UL419
* ACOUSTIC ATTEN. COMPONENTS STC-50



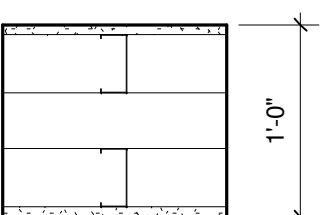
S4Y 4" METAL SHAFT WALL STUDS WITH (2) LAYERS 5/8" GYPSUM WALL BOARD ONE SIDE AND 1" GYPSUM SHAFT LINER
* 2 HR RATED UL417
* ACOUSTIC ATTEN. COMPONENTS STC-39



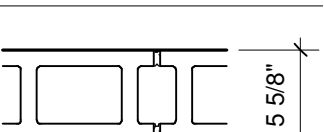
S6A 6" METAL STUDS WITH (1) LAYER 5/8" GYPSUM WALL BOARD EACH SIDE
* ACOUSTIC ATTEN. COMPONENTS STC-44



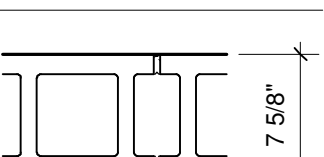
S33A DOUBLE 3 5/8" METAL STUDS WITH (1) LAYER 5/8" GYPSUM WALL BOARD EACH SIDE
3 1/2" SPACE BETWEEN STUDS



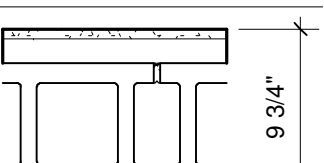
M6A 5 5/8" CONCRETE MASONRY UNIT, RUNNING BOND
* 2 HR RATED UL906
* ACOUSTIC ATTEN. COMPONENTS STC-46



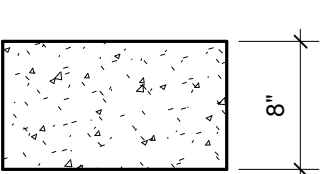
M8A 7 5/8" CONCRETE MASONRY UNIT, RUNNING BOND



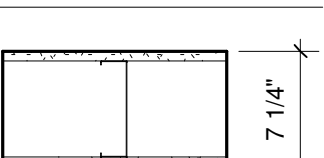
M8E 7 5/8" CONCRETE MASONRY UNIT WITH (1) LAYER 5/8" GYPSUM WALL BOARD OVER 1 1/2" METAL FURRING ONE SIDE



C8A 8" CAST IN PLACE CONCRETE
* 2 HR RATED (refer to "equivalent thickness" tables in IBC-721.2.1.1)
* ACOUSTIC ATTEN. COMPONENTS STC-54 (rating based on concrete density-verify concrete density)



F6A 6" METAL STUDS WITH (1) LAYER 5/8" GYPSUM WALL BOARD EACH SIDE

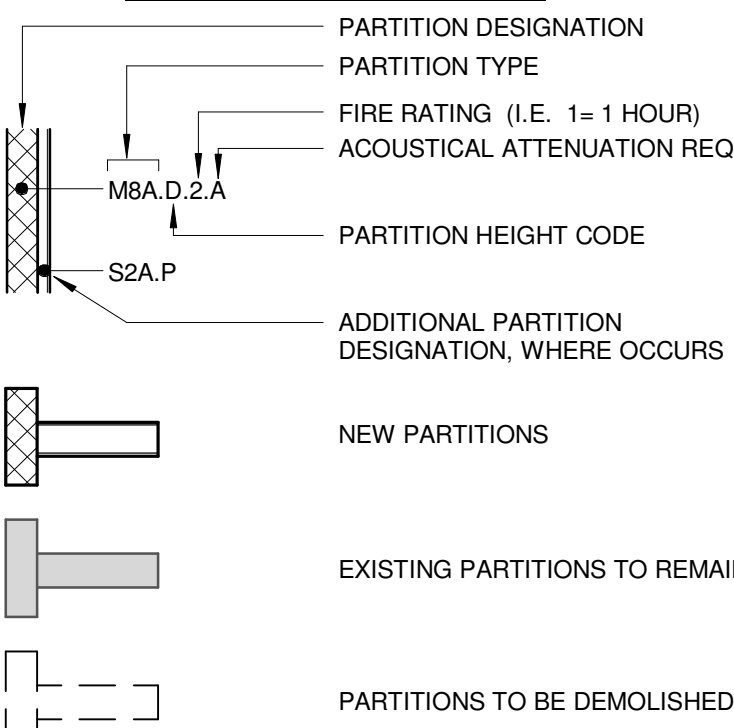


INTERIOR PARTITION NOTES

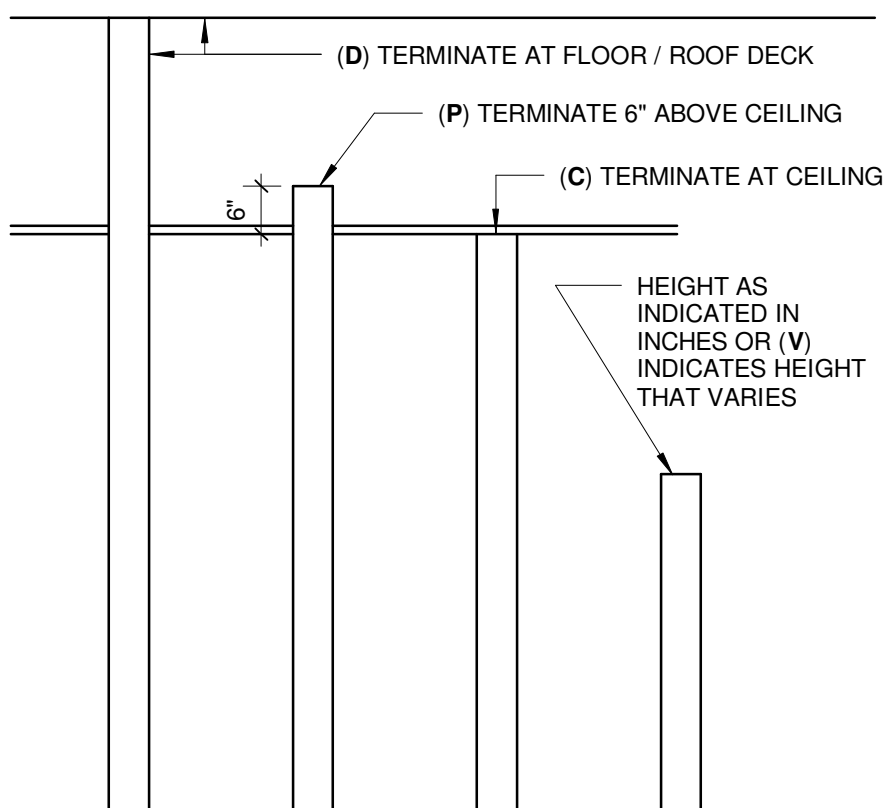
- A ALL WALLS ARE TYPE 1-XXX.X.X.X-1 UNLESS NOTED OTHERWISE.
- B PARTITION SYMBOLS APPEAR ON LARGEST SCALE FLOOR PLAN PROVIDED FOR AREA.
- C REFER TO FINISH AND CEILING PLANS FOR WALL FINISH, BASE, AND CEILING INFORMATION.
- D REFER TO WALL SECTIONS FOR EXTERIOR WALL CONSTRUCTION.
- E PROVIDE WATER RESISTANT GWB IN ALL ROOMS CONTAINING OPERABLE PLUMBING FIXTURES AND WITHIN 4 FEET OF DRINKING FOUNTAINS / WATER COOLERS, U.N.O.
- F PROVIDE LATERAL BRACING FOR PARTITIONS WHICH EXTEND ABOVE CEILING.
- G PROVIDE FIRE RESISTIVE RATED GYPSUM WALL BOARD AT ALL RATED ASSEMBLIES TO MEET ASSEMBLY REQUIREMENTS.
- H PROVIDE FIRE RESISTIVE JOINT SYSTEMS EQUAL TO WALL RATING AT ALL PENETRATIONS AND AT HEAD / FLOOR INTERSECTIONS WITH RATED ASSEMBLIES.
- J PROVIDE ACOUSTICAL SEALANT AT WALL SILL, HEAD, PENETRATIONS AND ADDITIONAL SPECIFIED SOUND ATTENUATION COMPONENTS AT SOUND RATED WALLS.
- K PROVIDE SPECIFIED TILE BACKER BOARD AT ALL WALLS SCHEDULED TO HAVE CERAMIC TILE.
- L ISOLATE NON-LOAD-BEARING STUD FRAMING FROM BUILDING STRUCTURE TO PREVENT TRANSFER OF VERTICAL LOADS WHILE PROVIDING LATERAL SUPPORT AS SPECIFIED.
- M STUD SPACING 16" O.C. UNLESS NOTED OTHERWISE REV. 04/03/09

INTERIOR PARTITION LEGEND

PARTITION TYPE SYMBOL

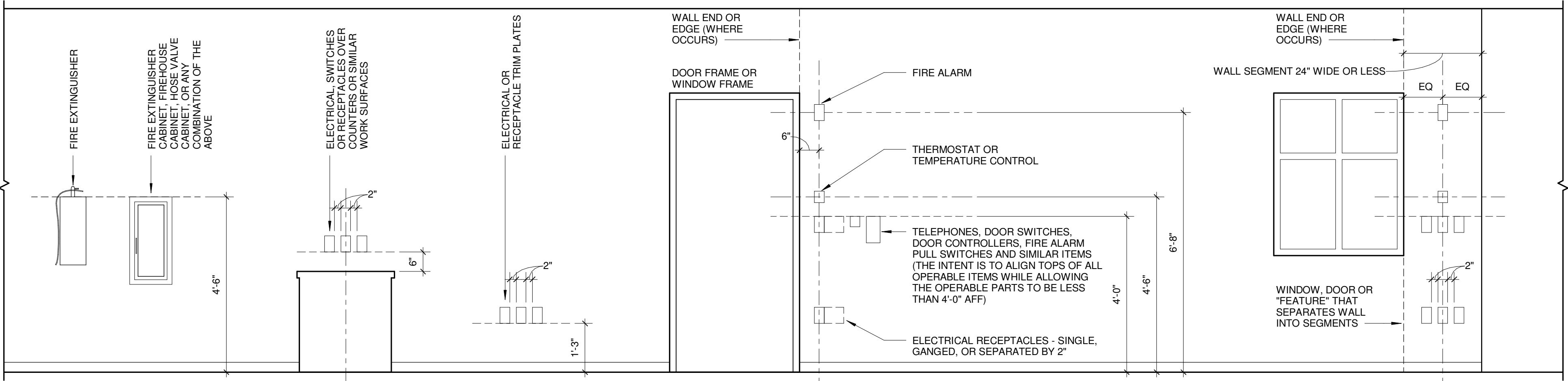


INTERIOR PARTITION HEIGHT CODES



STANDARD-DEVICE MOUNTING GUIDELINES

- NOTES:
1. USE THIS DETAIL TO LOCATE DEVICES THAT ARE INDICATED ON THE DRAWINGS BUT NOT LOCATED BY DIMENSION, OR TO LOCATE REQUIRED DEVICES THAT ARE NOT INDICATED ON THE DRAWINGS.
2. ALIGN MULTIPLE DEVICES HORIZONTALLY AND/OR VERTICALLY AS DETAILED.
3. ITEMS OTHER THAN ELECTRICAL RECEPTACLES SHALL BE MOUNTED NEAR DOORWAYS OR INTERSECTING WALLS AS DETAILED SO AS NOT TO INTERFERE WITH THE PLACEMENT OF ART OR FURNITURE - EXCEPT THAT WHERE THE WALL SEGMENT IS LESS THAN 24" WIDE, CENTER THE DEVICES AS DETAILED.



Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Patrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.
12103.000

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

RATIO

SHEET TITLE
INTERIOR PARTITION
TYPES AND
STANDARD
PARTITION DETAILS

SHEET NUMBER
A-002

Marian University
ALUMNI HALL
3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.
12103.000

COPYRIGHT NOTICE: THIS ARCHITECTURAL
AND ENGINEERING DRAWING IS GIVEN IN
CONFIDENCE AND SHALL BE USED ONLY
PURSUANT TO THE AGREEMENT WITH RATIO
ARCHITECTS, INC. NO OTHER USE,
DISSEMINATION OR DUPLICATION MAY BE
MADE WITHOUT PRIOR WRITTEN CONSENT
OF RATIO ARCHITECTS, INC. ALL COMMON
LAW RIGHTS OF COPYRIGHT AND
OTHERWISE ARE HEREBY SPECIFICALLY
RESERVED.

RATIO

SHEET TITLE
FIRST FLOOR PLAN

SHEET NUMBER
A-101

GENERAL FLOOR PLAN NOTES

A DOOR AND FRAME NUMBERS CORRESPOND TO RESPECTIVE ROOM NUMBERS. IN ROOMS WITH MULTIPLE OPENINGS, A SUFFIX HAS BEEN ADDED TO DOOR NUMBERS, I.E., 101-1.

B LOCATE INSIDE FACE OF DOOR FRAME JAMBS 6 INCHES FROM FINISH FACE OF ADJACENT WALLS UNLESS NOTED OTHERWISE.

C COORDINATE EQUIPMENT WORK WITH MANUFACTURERS AND SUPPLIERS TO INSURE PROPER ROUGH-IN CLEARANCES FOR INSTALLATION, USE AND MAINTENANCE.

D PROVIDE FINISHED END PANELS, FILLERS, SUPPORTS, ETC. REQUIRED FOR A COMPLETE CABINETY INSTALLATION. PROVIDE CUTOOTS, ACCESS PANELS AND REMOVABLE COMPONENTS AS REQUIRED FOR ELECTRICAL OUTLETS, JUNCTION BOXES, CLEANOUTS, ETC. MOUNT TOP OF WALL CABINETS AT 7'-0" A.F.F. UNLESS OTHERWISE INDICATED.

E VERIFY MOUNTING HEIGHTS OF ACCESSORIES, EQUIPMENT, DOOR HARDWARE, CASEWORK, ETC., AND PROVIDE SOLID BLOCKING BEHIND ITEMS REQUIRING ANCHORAGE. PROVIDE FIRE TREATED WOOD BLOCKING OR METAL STRAPS BETWEEN FRAMING MEMBERS AS REQUIRED TO SUPPORT WEIGHT AND USE OF ITEMS TO BE SUPPORTED. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, MOUNT ITEMS IN ACCORDANCE WITH RECOGNIZED INDUSTRY STANDARDS. COORDINATE LOCATIONS WITH MANUFACTURER OR SUPPLIER AND REFER MOUNTING HEIGHT QUESTIONS TO ARCHITECT FOR INTERPRETATION.

F PROVIDE SEALANT BETWEEN HOLLOW METAL FRAME PERIMETERS AND SURROUNDING WALL CONSTRUCTION UNLESS OTHERWISE INDICATED.

G PROVIDE SEALANT BETWEEN INTERIOR AND EXTERIOR WINDOW AND STOREFRONT FRAME PERIMETERS AND SURROUNDING CONSTRUCTION UNLESS OTHERWISE INDICATED.

H PROVIDE SEALANT BETWEEN DISSIMILAR MATERIALS SUCH AS GYPSUM BOARD AND MASONRY, MASONRY AND CONCRETE, COUNTERTOPS AND WALLS, ETC.

KEYNOTES - FLOOR PLANS

01.00 (GENERAL NOTES)

01.01 CENTER WALL ON COLUMN LINE

01.02 EDIT NOTE

01.03 EDIT NOTE

01.04 EDIT NOTE

01.05 EDIT NOTE

03.00 (CONCRETE)

03.01 EDIT NOTE

03.02 EDIT NOTE

03.03 EDIT NOTE

03.04 EDIT NOTE

03.05 EDIT NOTE

04.00 (MASONRY)

04.01 EDIT NOTE

04.02 EDIT NOTE

04.03 EDIT NOTE

04.04 EDIT NOTE

04.05 EDIT NOTE

05.00 (METALS)

05.01 EDIT NOTE

05.02 EDIT NOTE

05.03 EDIT NOTE

05.04 EDIT NOTE

05.05 EDIT NOTE

06.00 (WOOD & PLASTICS)

06.01 EDIT NOTE

06.02 EDIT NOTE

06.03 EDIT NOTE

06.04 EDIT NOTE

06.05 EDIT NOTE

07.00 (THERMAL & MOISTURE PROTECTION)

07.01 EDIT NOTE

07.02 EDIT NOTE

07.03 EDIT NOTE

07.04 EDIT NOTE

07.05 EDIT NOTE

08.00 (OPENINGS)

08.01 EDIT NOTE

08.02 EDIT NOTE

08.03 EDIT NOTE

08.04 EDIT NOTE

08.05 EDIT NOTE

09.00 (FINISHES)

09.01 EDIT NOTE

09.02 EDIT NOTE

09.03 EDIT NOTE

09.04 EDIT NOTE

09.05 EDIT NOTE

10.00 (SPECIALTIES)

11.00 (EQUIPMENT)

12.00 (FURNISHINGS)

13.00 (SPECIAL CONSTRUCTION)

22.00 (PLUMBING)

26.00 (ELECTRICAL)

FIRST LEVEL FLOOR PLAN

1/8" = 1'-0"

6/28/2013 11:35:52 AM

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.
12103.000

COPYRIGHT NOTICE: THIS ARCHITECTURAL
AND ENGINEERING DRAWING IS GIVEN IN
CONFIDENCE AND SHALL BE USED ONLY
PURSUANT TO THE AGREEMENT WITH RATIO
ARCHITECTS, INC. NO OTHER USE,
DISSEMINATION OR DUPLICATION MAY BE
MADE WITHOUT PRIOR WRITTEN CONSENT
OF RATIO ARCHITECTS, INC. ALL COMMON
LAW RIGHTS OF COPYRIGHT AND
OTHERWISE ARE HEREBY SPECIFICALLY
RESERVED.

RATIO
SHEET TITLE
**CLERESTORY - LOW
ROOF PLAN**

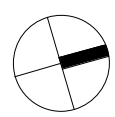
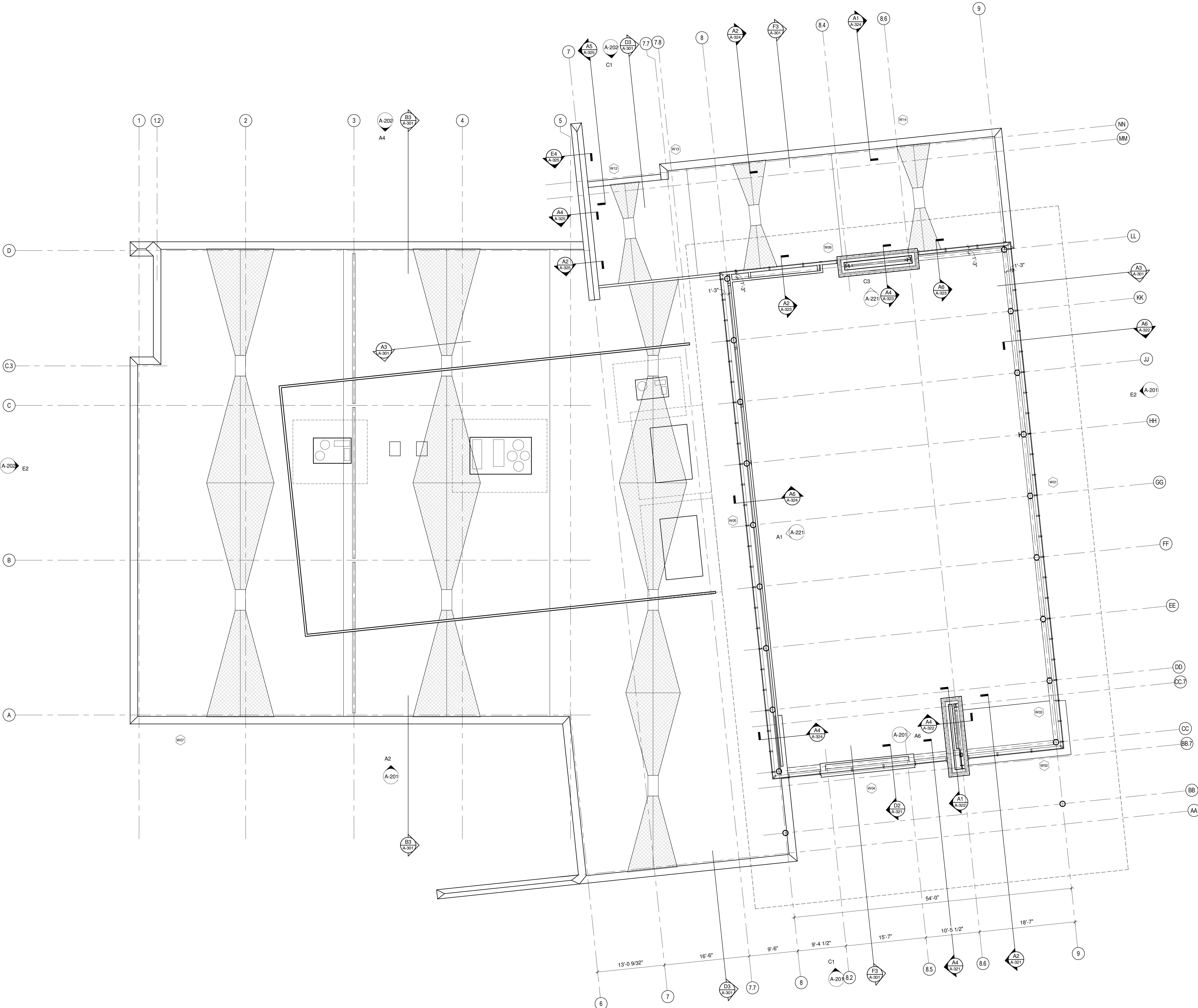
SHEET NUMBER
A-102

GENERAL FLOOR PLAN NOTES

- A DOOR AND FRAME NUMBERS CORRESPOND TO RESPECTIVE ROOM NUMBERS. IN ROOMS WITH MULTIPLE OPENINGS, A SUFFIX HAS BEEN ADDED TO DOOR NUMBERS, I.E., 101-1.
- B LOCATE INSIDE FACE OF DOOR FRAME JAMBS 6 INCHES FROM FINISH FACE OF ADJACENT WALLS UNLESS NOTED OTHERWISE.
- C COORDINATE EQUIPMENT WORK WITH MANUFACTURERS AND SUPPLIERS TO INSURE PROPER ROUGH-IN CLEARANCES FOR INSTALLATION, USE AND MAINTENANCE.
- D PROVIDE FINISHED END PANELS, FILLERS, SUPPORTS, ETC. REQUIRED FOR A COMPLETE CABINETRY INSTALLATION. PROVIDE CUTOUPS, ACCESS PANELS AND REMOVABLE COMPONENTS AS REQUIRED FOR ELECTRICAL, OUTLETS, JUNCTION BOXES, CLEANOUTS, ETC. MOUNT TOP OF WALL CABINETS AT 7'-0" A.F.F. UNLESS OTHERWISE INDICATED.
- E VERIFY MOUNTING HEIGHTS OF ACCESSORIES, EQUIPMENT, DOOR HARDWARE, CASEWORK, ETC., AND PROVIDE SOLID BLOCKING BEHIND ITEMS REQUIRING ANCHORAGE. PROVIDE FIRE TREATED WOOD BLOCKING OR METAL STRAPS BETWEEN FRAMING MEMBERS AS REQUIRED TO SUPPORT WEIGHT AND USE OF ITEMS TO BE SUPPORTED. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, MOUNT ITEMS IN ACCORDANCE WITH RECOGNIZED INDUSTRY STANDARDS. COORDINATE LOCATIONS WITH MANUFACTURER OR SUPPLIER AND REFER MOUNTING HEIGHT QUESTIONS TO ARCHITECT FOR INTERPRETATION.
- F PROVIDE SEALANT BETWEEN HOLLOW METAL FRAME PERIMETERS AND SURROUNDING WALL CONSTRUCTION UNLESS OTHERWISE INDICATED.
- G PROVIDE SEALANT BETWEEN INTERIOR AND EXTERIOR WINDOW AND STOREFRONT FRAME PERIMETERS AND SURROUNDING CONSTRUCTION UNLESS OTHERWISE INDICATED.
- H PROVIDE SEALANT BETWEEN DISSIMILAR MATERIALS SUCH AS GYPSUM BOARD AND MASONRY, MASONRY AND CONCRETE, COUNTERTOPS AND WALLS, ETC.

KEYNOTES - FLOOR PLANS

- 01.00 (GENERAL NOTES)
01.01 CENTER WALL ON COLUMN LINE
01.02 EDIT NOTE
01.03 EDIT NOTE
01.04 EDIT NOTE
01.05 EDIT NOTE
03.00 (CONCRETE)
03.01 EDIT NOTE
03.02 EDIT NOTE
03.03 EDIT NOTE
03.04 EDIT NOTE
03.05 EDIT NOTE
04.00 (MASONRY)
04.01 EDIT NOTE
04.02 EDIT NOTE
04.03 EDIT NOTE
04.04 EDIT NOTE
04.05 EDIT NOTE
05.00 (METALS)
05.01 EDIT NOTE
05.02 EDIT NOTE
05.03 EDIT NOTE
05.04 EDIT NOTE
05.05 EDIT NOTE
06.00 (WOOD & PLASTICS)
06.01 EDIT NOTE
06.02 EDIT NOTE
06.03 EDIT NOTE
06.04 EDIT NOTE
06.05 EDIT NOTE
07.00 (THERMAL & MOISTURE PROTECTION)
07.01 EDIT NOTE
07.02 EDIT NOTE
07.03 EDIT NOTE
07.04 EDIT NOTE
07.05 EDIT NOTE
08.00 (OPENINGS)
08.01 EDIT NOTE
08.02 EDIT NOTE
08.03 EDIT NOTE
08.04 EDIT NOTE
08.05 EDIT NOTE
09.00 (FINISHES)
09.01 EDIT NOTE
09.02 EDIT NOTE
09.03 EDIT NOTE
09.04 EDIT NOTE
09.05 EDIT NOTE
10.00 (SPECIALTIES)
11.00 (EQUIPMENT)
12.00 (FURNISHINGS)
13.00 (SPECIAL CONSTRUCTION)
22.00 (PLUMBING)
28.00 (ELECTRICAL)



A1
A-102

CLERESTORY LEVEL PLAN
1/8" = 1'-0"

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Patrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.
12103.000

COPYRIGHT NOTICE: THIS ARCHITECTURAL
AND ENGINEERING DRAWING IS GIVEN IN
CONFIDENCE AND SHALL BE USED ONLY
PURSUANT TO THE AGREEMENT WITH RATIO
ARCHITECTS, INC. NO OTHER USE,
DISSEMINATION OR DUPLICATION MAY BE
MADE WITHOUT PRIOR WRITTEN CONSENT
OF RATIO ARCHITECTS, INC. ALL COMMON
LAW RIGHTS OF COPYRIGHT AND
OTHERWISE ARE HEREBY SPECIFICALLY
RESERVED.

RATIO
SHEET TITLE
ROOF PLAN

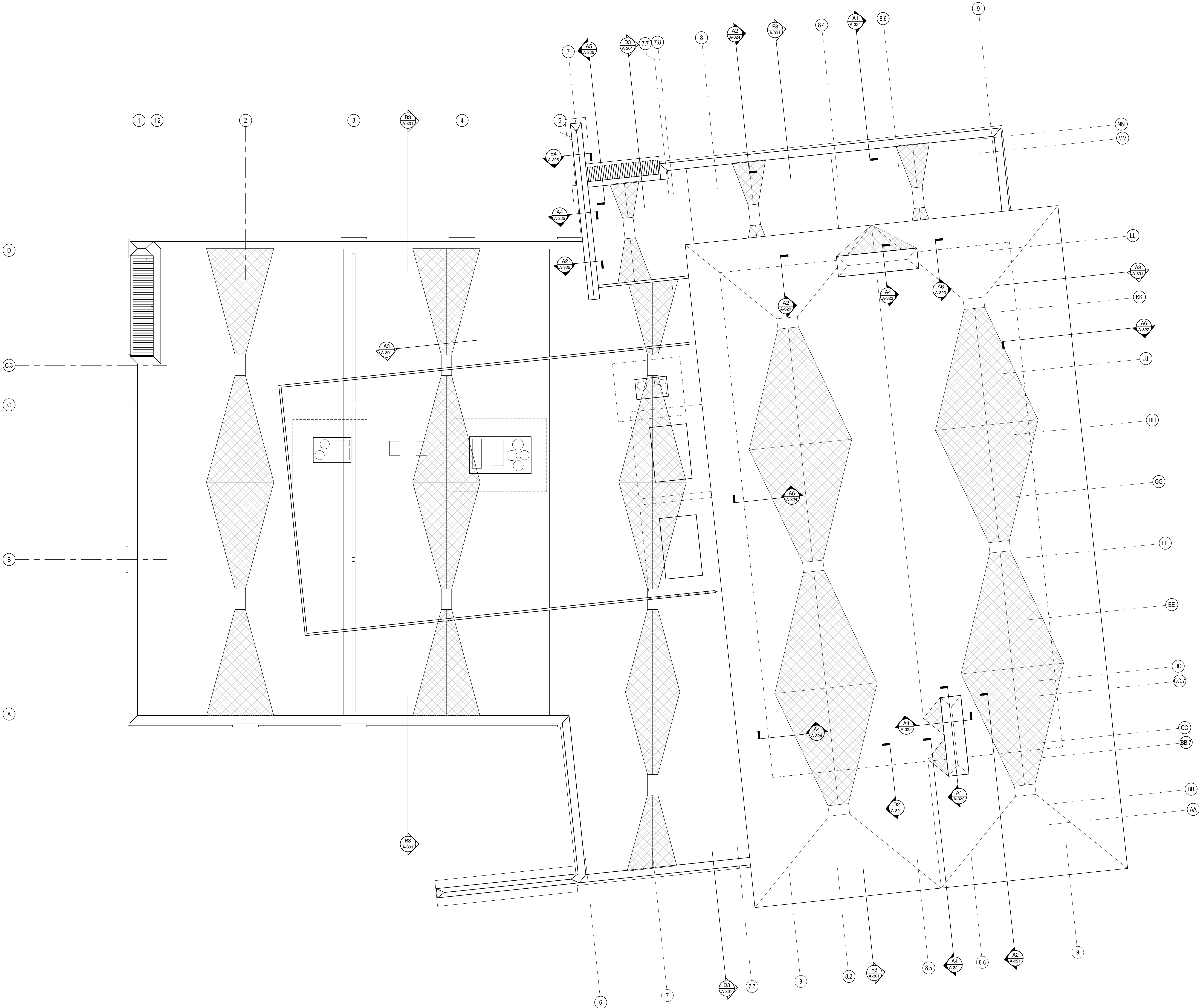
SHEET NUMBER
A-105

GENERAL ROOFING NOTES

- A THESE GENERAL NOTES APPLY TO ROOF DRAWINGS.
B VERIFY SIZE, LOCATION AND NUMBER OF ROOF PENETRATIONS INCLUDING VENTS, PIPES, CURBS, ROOF DRAINS, CONDUITS, ETC. PROVIDE NEW FLASHING AND SEAL PENETRATIONS WHETHER OR NOT INDICATED ON THE DRAWINGS.
C COMPLETE WORK ABOVE ROOF, SUCH AS MASONRY, WELDING, MASONRY RESTORATION, ETC., PRIOR TO STARTING ROOFING WORK.
D VERIFY AND MAINTAIN ROOF SLOPES AND DRAINAGE PATTERNS. TEST FOR AND CORRECT ANY PONDING CONDITIONS.
E REPAIR AND REPLACE ROOFING SYSTEM OR STRUCTURE DAMAGED BY IMPROPER STORAGE, CONSTRUCTION ACTIVITIES, OR LACK OF ADEQUATE TEMPORARY PROTECTION, THIS ALSO INCLUDES INTERIOR DAMAGE TO FINISHES, EQUIPMENT, FURNISHINGS, ETC., RESULTING FROM LEAKS.
F NEW BLOCKING SHALL BE PRESERVATIVE-TREATED WOOD.
G PAINT EXTERIOR LADDERS, BRACKETS, ETC., UNLESS NOTED OTHERWISE.
H CAP FASTENERS THAT PENETRATE ROOF DECK IN AREAS NOT CONCEALED BY CEILINGS WITH WIRE NUTS OR OTHER MEANS ACCEPTABLE TO ARCHITECT UNLESS OTHERWISE INDICATED. AREAS SUCH AS JANITOR CLOSETS, STORAGE ROOMS, MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, ETC., ARE EXEMPT FROM THIS REQUIREMENT UNLESS OTHERWISE INDICATED.
J REFER TO WALL SECTIONS NOTED ON ROOF PLANS FOR INFORMATION.
K REFER TO MECHANICAL DRAWINGS TO COORDINATE ROOF CONDUCTOR LOCATIONS.
REV. 03/31/09

KEYNOTES - ROOF PLANS

- 01.00 (GENERAL NOTES)
01.01 CENTER WALL ON COLUMN LINE
01.02 EDIT NOTE
01.03 EDIT NOTE
01.04 EDIT NOTE
01.05 EDIT NOTE
03.00 (CONCRETE)
03.01 EDIT NOTE
03.02 EDIT NOTE
03.03 EDIT NOTE
03.04 EDIT NOTE
03.05 EDIT NOTE
04.00 (MASONRY)
04.01 EDIT NOTE
04.02 EDIT NOTE
04.03 EDIT NOTE
04.04 EDIT NOTE
04.05 EDIT NOTE
05.00 (METALS)
05.01 EDIT NOTE
05.02 EDIT NOTE
05.03 EDIT NOTE
05.04 EDIT NOTE
05.05 EDIT NOTE
06.00 (WOOD & PLASTICS)
06.01 EDIT NOTE
06.02 EDIT NOTE
06.03 EDIT NOTE
06.04 EDIT NOTE
06.05 EDIT NOTE
07.00 (THERMAL & MOISTURE PROTECTION)
07.01 EDIT NOTE
07.02 EDIT NOTE
07.03 EDIT NOTE
07.04 EDIT NOTE
07.05 EDIT NOTE
08.00 (OPENINGS)
08.01 EDIT NOTE
08.02 EDIT NOTE
08.03 EDIT NOTE
08.04 EDIT NOTE
08.05 EDIT NOTE
11.00
11.01
11.02
11.03
11.04
11.05
22.00
22.01
22.02
22.03
22.04
22.05
26.00
26.01
26.02
26.03
26.04
26.05



ROOF PLAN
1/8" = 1'-0"

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Patrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.
12103.000

COPYRIGHT NOTICE: THIS ARCHITECTURAL
AND ENGINEERING DRAWING IS GIVEN IN
CONFIDENCE AND SHALL BE USED ONLY
PURSUANT TO THE AGREEMENT WITH RATIO
ARCHITECTS, INC. NO OTHER USE,
DISSEMINATION OR DUPLICATION MAY BE
MADE WITHOUT PRIOR WRITTEN CONSENT
OF RATIO ARCHITECTS, INC. ALL COMMON
LAW RIGHTS OF COPYRIGHT AND
OTHERWISE ARE HEREBY SPECIFICALLY
RESERVED.

RATIO

SHEET TITLE
**FIRST FLOOR
REFLECTED CEILING
PLAN**

SHEET NUMBER

A-131

GENERAL CEILING PLAN NOTES

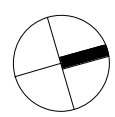
- A THESE GENERAL NOTES APPLY TO [SERIES 300] REFLECTED CEILING DRAWINGS.
- B INSTALL NEW CEILINGS AT $\begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline 1 \\ \hline \end{array}$ A.F.F. UNLESS NOTED OTHERWISE.
- C CENTER CEILING GRIDS WITHIN ROOMS EACH DIRECTION UNLESS NOTED OTHERWISE.
- D LOCATE CEILING GRIDS WITHIN ROOMS SUCH THAT BORDERS CONTAIN NOT LESS THAN 1/2 TILE WIDTH, UNLESS OTHERWISE INDICATED.
- E CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC., UNLESS OTHERWISE INDICATED.
- F PAINT EXPOSED GYPSUM BOARD AND PLASTER CEILING SURFACES UNLESS OTHERWISE INDICATED.
- G PROVIDE CONTROL JOINTS (C.J.) IN GYPSUM BOARD CEILING CONSTRUCTION AS INDICATED. WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 30'-0". VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
- H CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.
- J REFER TO $\begin{array}{|c|} \hline 1 \\ \hline \end{array}$ [SERIES 000] GENERAL INFORMATION DRAWINGS FOR MATERIAL SYMBOL KEY.
- K REFER TO $\begin{array}{|c|} \hline 1 \\ \hline \end{array}$ [SERIES 900] FINISH PLANS FOR ADDITIONAL CEILING FINISH INFORMATION.
- L REFER TO ELECTRICAL DRAWINGS FOR CEILING-MOUNTED LIGHT FIXTURE TYPES AND QUANTITIES.
- M REFER TO MECHANICAL DRAWINGS FOR CEILING-MOUNTED DIFFUSERS, GRILLE TYPES AND QUANTITIES.
- N REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE BEEN INTENTIONALLY OMITTED FROM REFLECTED CEILING PLANS FOR CLARITY.
- REV. 03/31/09

CEILING LEGEND

- CEILING TAG
- XXX-01
28'-10" A.F.F.
- CEILING TYPE
- CEILING HEIGHT
(ABOVE FINISH FLOOR)
- SPOT ELEVATION MARKER
- GYB BOARD CEILING
(REFER TO PLAN FOR
SUSPENSION TYPE)
- ACOUSTIC CEILING TILE
- 2 x 4 LIGHT FIXTURE
- DOWNLIGHT
- MECHANICAL RETURN REGISTER
- MECHANICAL AIR SUPPLY DIFFUSER

KEYNOTES - CEILING PLAN

- 01.00 (GENERAL NOTES)
- 01.01 CENTER WALL ON COLUMN LINE
- 01.02 EDIT NOTE
- 01.03 EDIT NOTE
- 01.04 EDIT NOTE
- 01.05 EDIT NOTE
- 05.00 (METALS)
- 05.01 EDIT NOTE
- 05.02 EDIT NOTE
- 05.03 EDIT NOTE
- 05.04 EDIT NOTE
- 05.05 EDIT NOTE
- 06.00 (WOOD & PLASTICS)
- 06.01 EDIT NOTE
- 06.02 EDIT NOTE
- 06.03 EDIT NOTE
- 06.04 EDIT NOTE
- 06.05 EDIT NOTE
- 07.00 (THERMAL & MOISTURE PROTECTION)
- 07.01 EDIT NOTE
- 07.02 EDIT NOTE
- 07.03 EDIT NOTE
- 07.04 EDIT NOTE
- 07.05 EDIT NOTE
- 09.00 (FINISHES)
- 09.01 EDIT NOTE
- 09.02 EDIT NOTE
- 09.03 EDIT NOTE
- 09.04 EDIT NOTE
- 09.05 EDIT NOTE



A1
A-131

FIRST LEVEL RCP
1/8" = 1'-0"

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.
12103.000

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFERENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

RATIO

SHEET TITLE
**CLERESTORY
REFLECTED CEILING
PLAN**

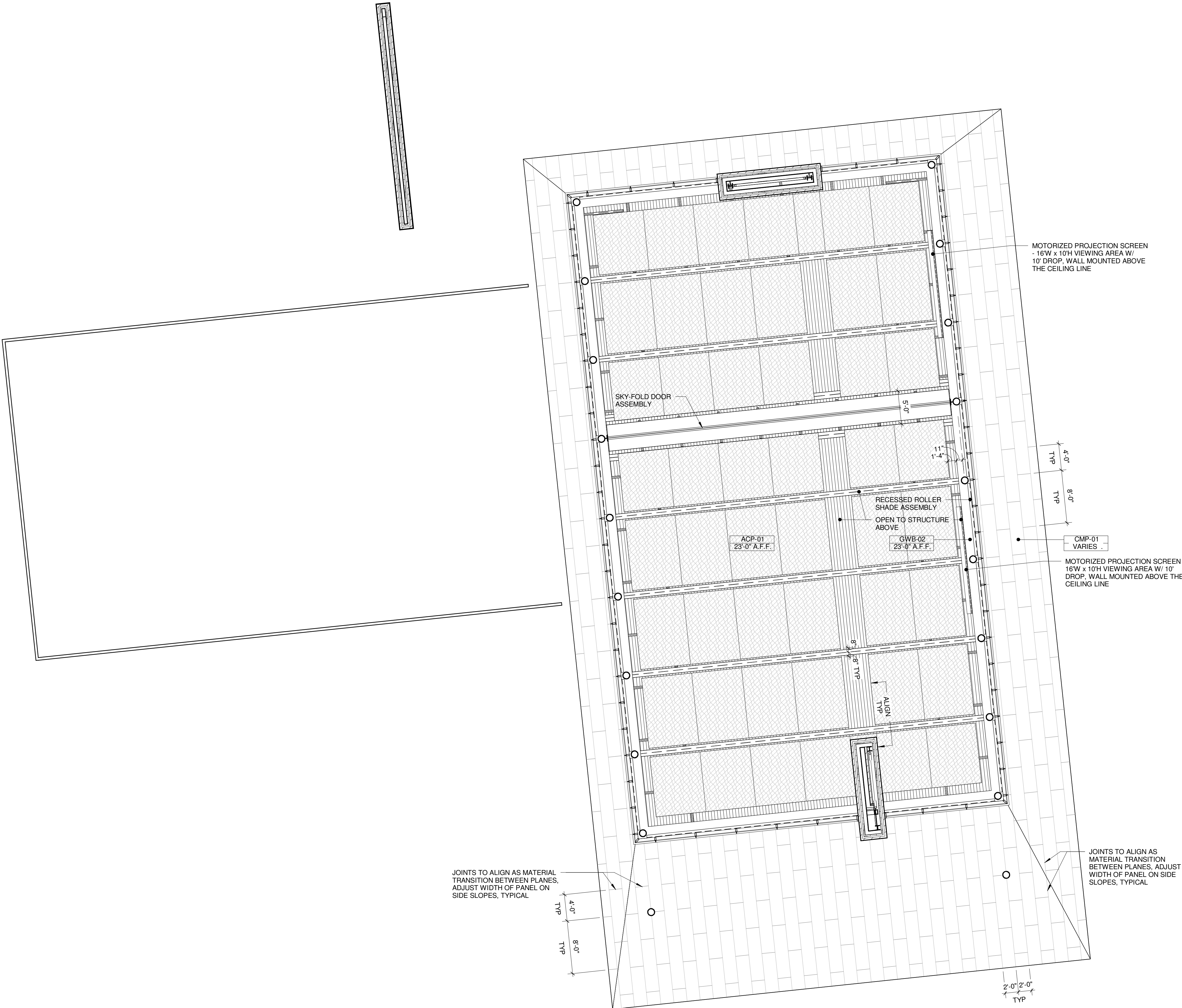
SHEET NUMBER
A-132

GENERAL CEILING PLAN NOTES

- A THESE GENERAL NOTES APPLY TO [SERIES 300] REFLECTED CEILING DRAWINGS.
- B INSTALL NEW CEILINGS AT $\begin{array}{|c|} \hline 1'-8" \text{ O' } \\ \hline \end{array}$ A.F.F. UNLESS NOTED OTHERWISE.
- C CENTER CEILING GRIDS WITHIN ROOMS EACH DIRECTION UNLESS NOTED OTHERWISE.
- D LOCATE CEILING GRIDS WITHIN ROOMS SUCH THAT BORDERS CONTAIN NOT LESS THAN 1/2 TILE WIDTH, UNLESS OTHERWISE INDICATED.
- E CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC., UNLESS OTHERWISE INDICATED.
- F PAINT EXPOSED GYPSUM BOARD AND PLASTER CEILING SURFACES UNLESS OTHERWISE INDICATED.
- G PROVIDE CONTROL JOINTS (C.J.) IN GYPSUM BOARD CEILING CONSTRUCTION AS INDICATED. WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 30'-0". VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
- H CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.
- J REFER TO $\begin{array}{|c|} \hline \text{[SERIES 000]} \\ \hline \end{array}$ GENERAL INFORMATION DRAWINGS FOR MATERIAL SYMBOL KEY.
- K REFER TO $\begin{array}{|c|} \hline \text{[SERIES 900]} \\ \hline \end{array}$ FINISH PLANS FOR ADDITIONAL CEILING FINISH INFORMATION.
- L REFER TO ELECTRICAL DRAWINGS FOR CEILING-MOUNTED LIGHT FIXTURE TYPES AND QUANTITIES.
- M REFER TO MECHANICAL DRAWINGS FOR CEILING-MOUNTED DIFFUSERS, GRILLE TYPES AND QUANTITIES.
- N REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE BEEN INTENTIONALLY OMITTED FROM REFLECTED CEILING PLANS FOR CLARITY.
- REV. 03/31/09

KEYNOTES - CEILING PLAN

- 01.00 (GENERAL NOTES)
- 01.01 CENTER WALL ON COLUMN LINE
- 01.02 EDIT NOTE
- 01.03 EDIT NOTE
- 01.04 EDIT NOTE
- 01.05 EDIT NOTE
- 05.00 (METALS)
- 05.01 EDIT NOTE
- 05.02 EDIT NOTE
- 05.03 EDIT NOTE
- 05.04 EDIT NOTE
- 05.05 EDIT NOTE
- 06.00 (WOOD & PLASTICS)
- 06.01 EDIT NOTE
- 06.02 EDIT NOTE
- 06.03 EDIT NOTE
- 06.04 EDIT NOTE
- 06.05 EDIT NOTE
- 07.00 (THERMAL & MOISTURE PROTECTION)
- 07.01 EDIT NOTE
- 07.02 EDIT NOTE
- 07.03 EDIT NOTE
- 07.04 EDIT NOTE
- 07.05 EDIT NOTE
- 09.00 (FINISHES)
- 09.01 EDIT NOTE
- 09.02 EDIT NOTE
- 09.03 EDIT NOTE
- 09.04 EDIT NOTE
- 09.05 EDIT NOTE



Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Patrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

GENERAL FINISH PLAN NOTES

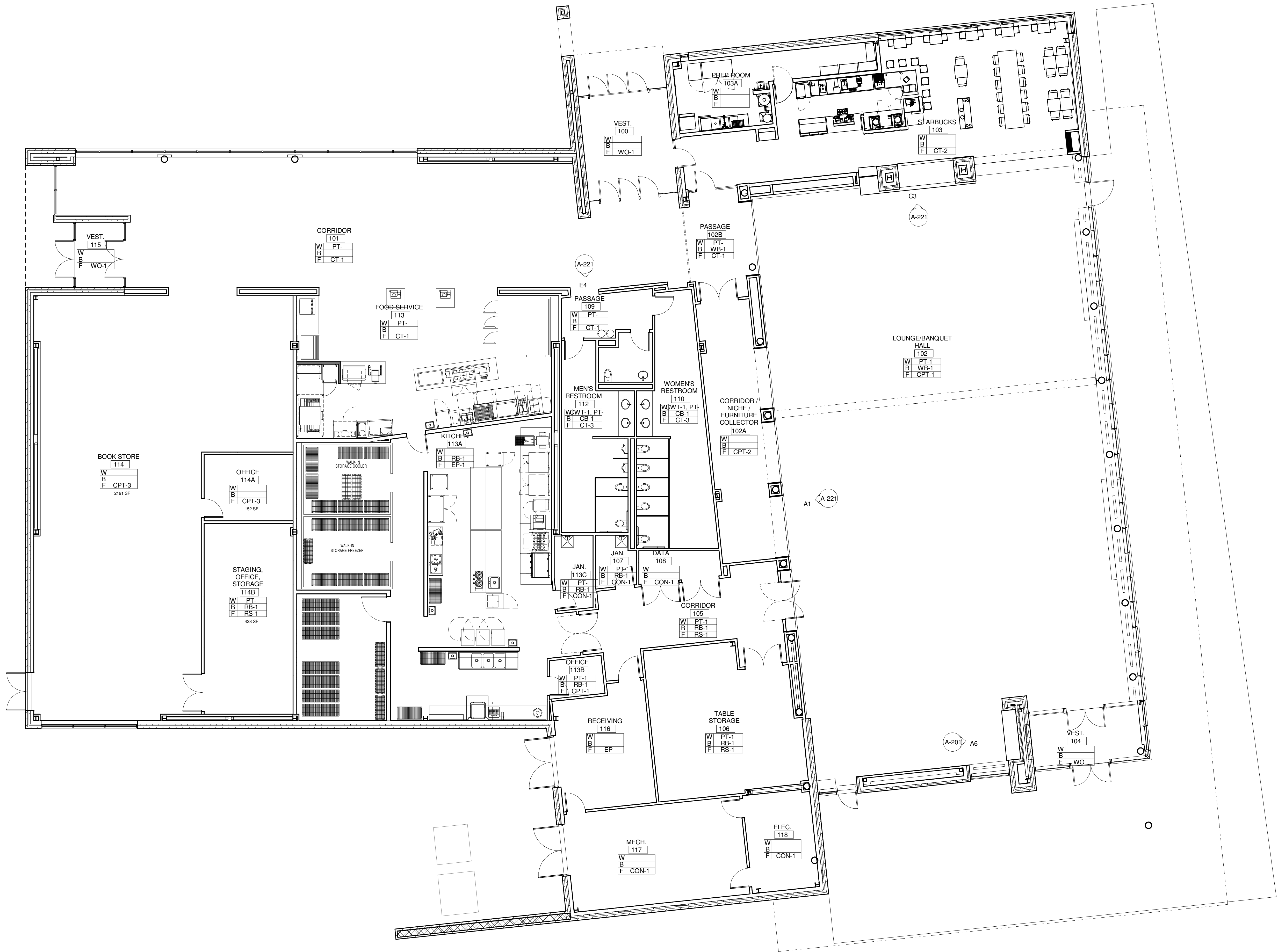
- A THESE GENERAL NOTES APPLY TO ►-SERIES 900-► FINISH DRAWINGS.
- B PAINT NEW AND EXISTING HOLLOW METAL DOORS, DOORFRAMES AND LINTELS EXPOSED TO VIEW IN FINISHED AREAS AND AT EXTERIOR LOCATIONS UNLESS OTHERWISE INDICATED.
- C PAINT STEEL COLUMNS, BEAMS, STRUCTURE, ETC., EXPOSED TO VIEW IN FINISHED AREAS UNLESS OTHERWISE INDICATED.
- D PAINT EXISTING FIRE EXTINGUISHER CABINETS, METAL ACCESS PANELS, LOUVERS, UNIT VENTILATORS AND OTHER PAINTABLE SURFACES IN ROOMS TO BE FINISHED UNLESS OTHERWISE INDICATED.
- E FINISH SOFFITS, BULKHEADS, AND SIMILAR CONDITIONS TO MATCH SURROUNDING SURFACES UNLESS OTHERWISE INDICATED.
- F IN STAIRWELLS, PAINT STEEL STAIR AND LANDING PARTS EXPOSED TO VIEW INCLUDING RISERS AND TREADS, STRINGERS, UNDERSIDE OF STAIR STRUCTURE, HANDRAILS, WALL BRACKETS, COMPONENTS VISIBLE FROM EXTERIOR, ETC., UNLESS OTHERWISE INDICATED.
- G ►-DO NOT APPLY-►►-►-► PROVIDE-► FINISHES BEHIND FIXED EQUIPMENT SUCH AS CABINETS, CASEWORK, CHALK AND TACKBOARDS, LOCKERS, ETC.
- H ALIGN FLOOR FINISH TRANSITIONS AT DOOR LOCATIONS WITH CENTERLINE OF DOOR SUCH THAT TRANSITION MATERIALS ARE NOT VISIBLE FROM EITHER SIDE WHEN DOOR IS IN CLOSED POSITION.
- J REFER TO REFLECTED CEILING PLANS AND INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
- K REFER TO PROJECT MANUAL DIVISION 9 FOR FINISH LEVEL REQUIREMENTS FOR GYPSUM BOARD SURFACES UNLESS OTHERWISE INDICATED.
- REV. 03/31/09

FINISHES-SYMBOLS LEGEND

Room name XXXXXX W Wall Fin B Base Fin F Floor Fin 150 SF	ROOM NAME AND ROOM FINISHES
XX-01	FLOORING MATERIAL TRANSITION
	FLOORING DIRECTION
PT-XX	ACCENT WALL FINISH DESIGNATION

KEYNOTES - FINISH PLANS

- 01.00 (GENERAL NOTES)
01.01 CENTER WALL ON COLUMN LINE
01.02 EDIT NOTE
01.03 EDIT NOTE
01.04 EDIT NOTE
01.05 EDIT NOTE
06.00 (WOOD & PLASTICS)
06.01 EDIT NOTE
06.02 EDIT NOTE
06.03 EDIT NOTE
06.04 EDIT NOTE
06.05 EDIT NOTE
08.00 (OPENINGS)
08.01 EDIT NOTE
08.02 EDIT NOTE
08.03 EDIT NOTE
08.04 EDIT NOTE
08.05 EDIT NOTE
09.00 (FINISHES)
09.01 EDIT NOTE
09.02 EDIT NOTE
09.03 EDIT NOTE
09.04 EDIT NOTE
09.05 EDIT NOTE



FIRST LEVEL FINISH PLAN

1/8" = 1'-0"

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



RATIO

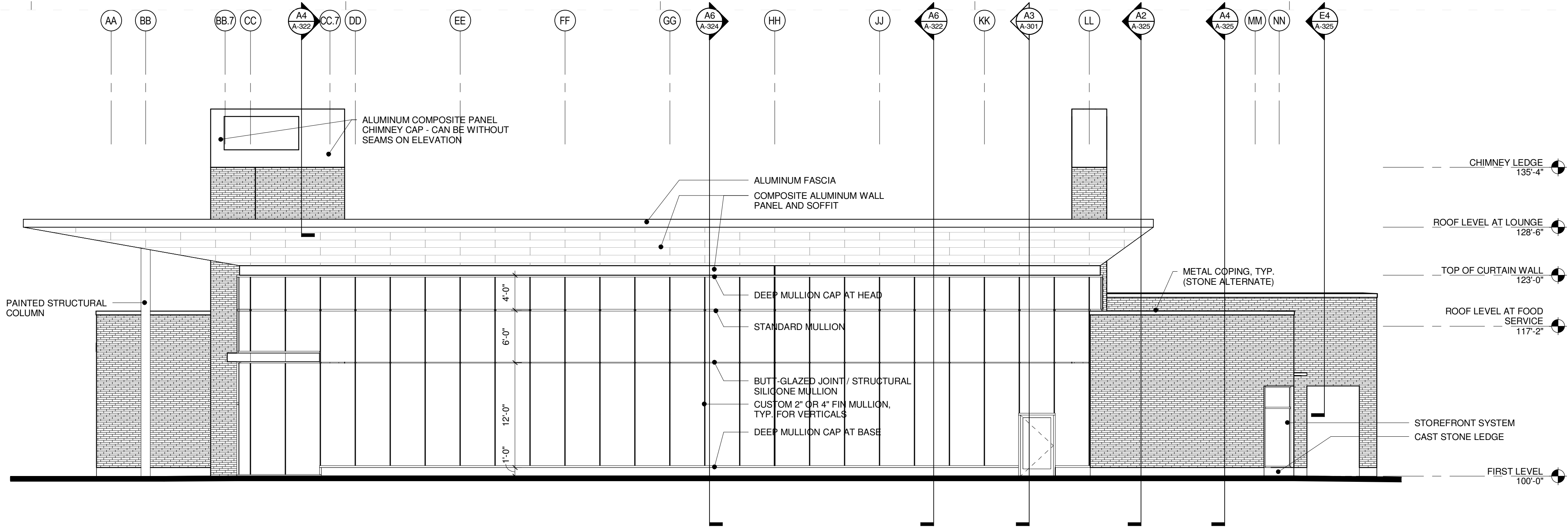
SHEET TITLE

FIRST FLOOR FINISH
PLAN

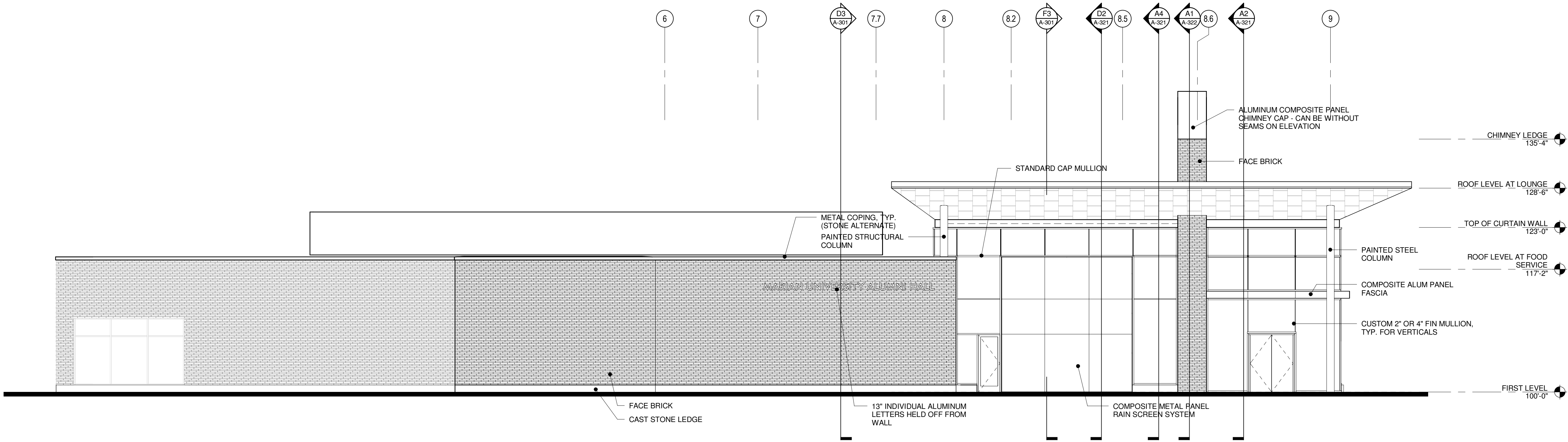
SHEET NUMBER

A-151

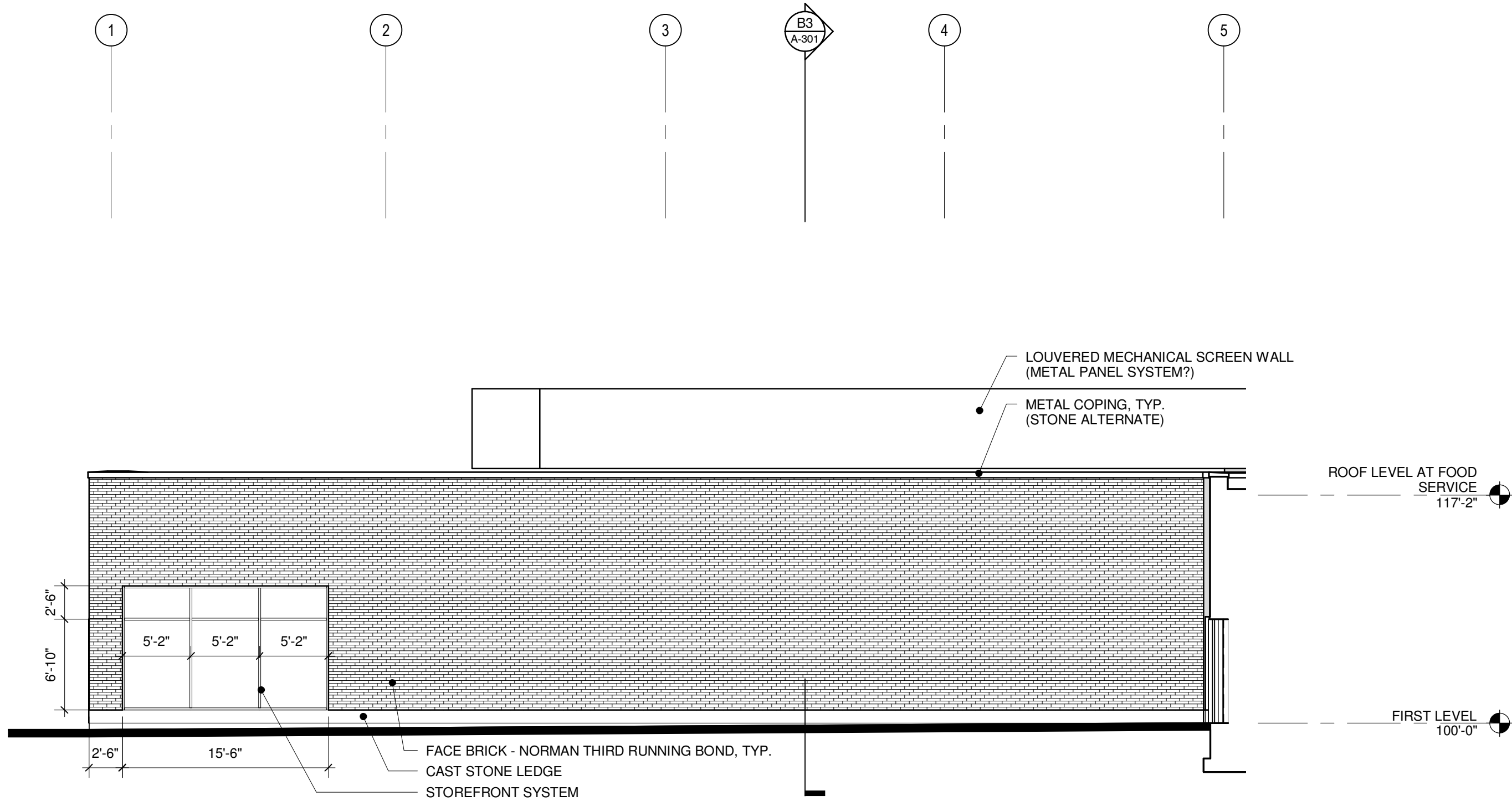
COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



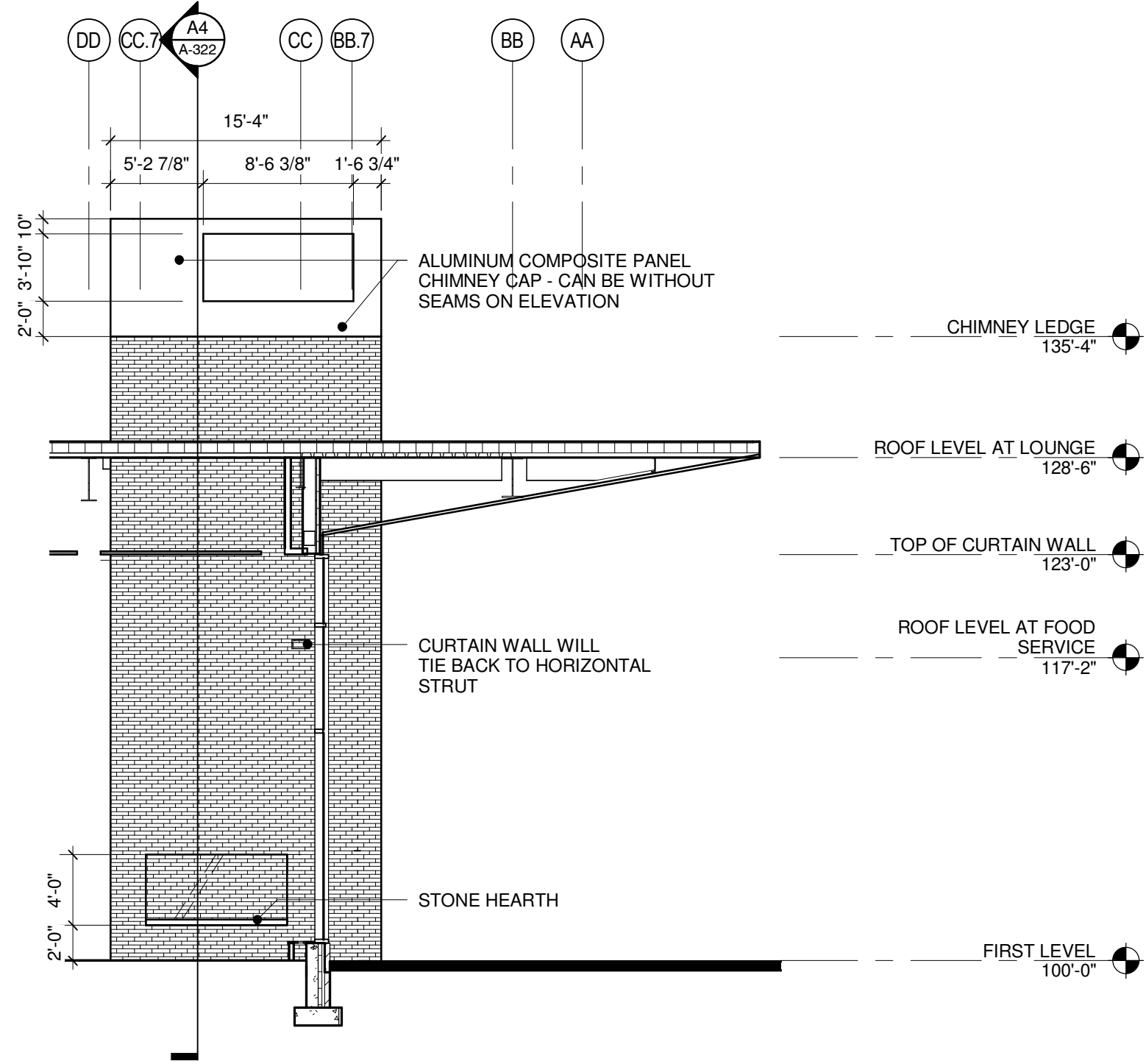
E2 NORTH ELEVATION
1/8" = 1'-0"



C1 EAST ELEVATION
1/8" = 1'-0"



A2 EAST ELEVATION
1/8" = 1'-0"



A6 EAST CHIMNEY ELEVATION
1/8" = 1'-0"

KEYNOTES - EXT ELEVATIONS / BLDG SECTIONS

- 01.00 (GENERAL NOTES)
- 01.01 CENTER WALL ON COLUMN LINE
- 01.02 EDIT NOTE
- 01.03 EDIT NOTE
- 01.04 EDIT NOTE
- 01.05 EDIT NOTE
- 03.00 (CONCRETE)
- 03.01 EDIT NOTE
- 03.02 EDIT NOTE
- 03.03 EDIT NOTE
- 03.04 EDIT NOTE
- 03.05 EDIT NOTE
- 04.00 (MASONRY)
- 04.01 EDIT NOTE
- 04.02 EDIT NOTE
- 04.03 EDIT NOTE
- 04.04 EDIT NOTE
- 04.05 EDIT NOTE
- 05.00 (METALS)
- 05.01 EDIT NOTE
- 05.02 EDIT NOTE
- 05.03 EDIT NOTE
- 05.04 EDIT NOTE
- 05.05 EDIT NOTE
- 06.00 (WOOD & PLASTICS)
- 06.01 EDIT NOTE
- 06.02 EDIT NOTE
- 06.03 EDIT NOTE
- 06.04 EDIT NOTE
- 06.05 EDIT NOTE
- 07.00 (THERMAL & MOISTURE PROTECTION)
- 07.01 EDIT NOTE
- 07.02 EDIT NOTE
- 07.03 EDIT NOTE
- 07.04 EDIT NOTE
- 07.05 EDIT NOTE
- 08.00 (OPENINGS)
- 08.01 EDIT NOTE
- 08.02 EDIT NOTE
- 08.03 EDIT NOTE
- 08.04 EDIT NOTE
- 08.05 EDIT NOTE

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.
12103.000

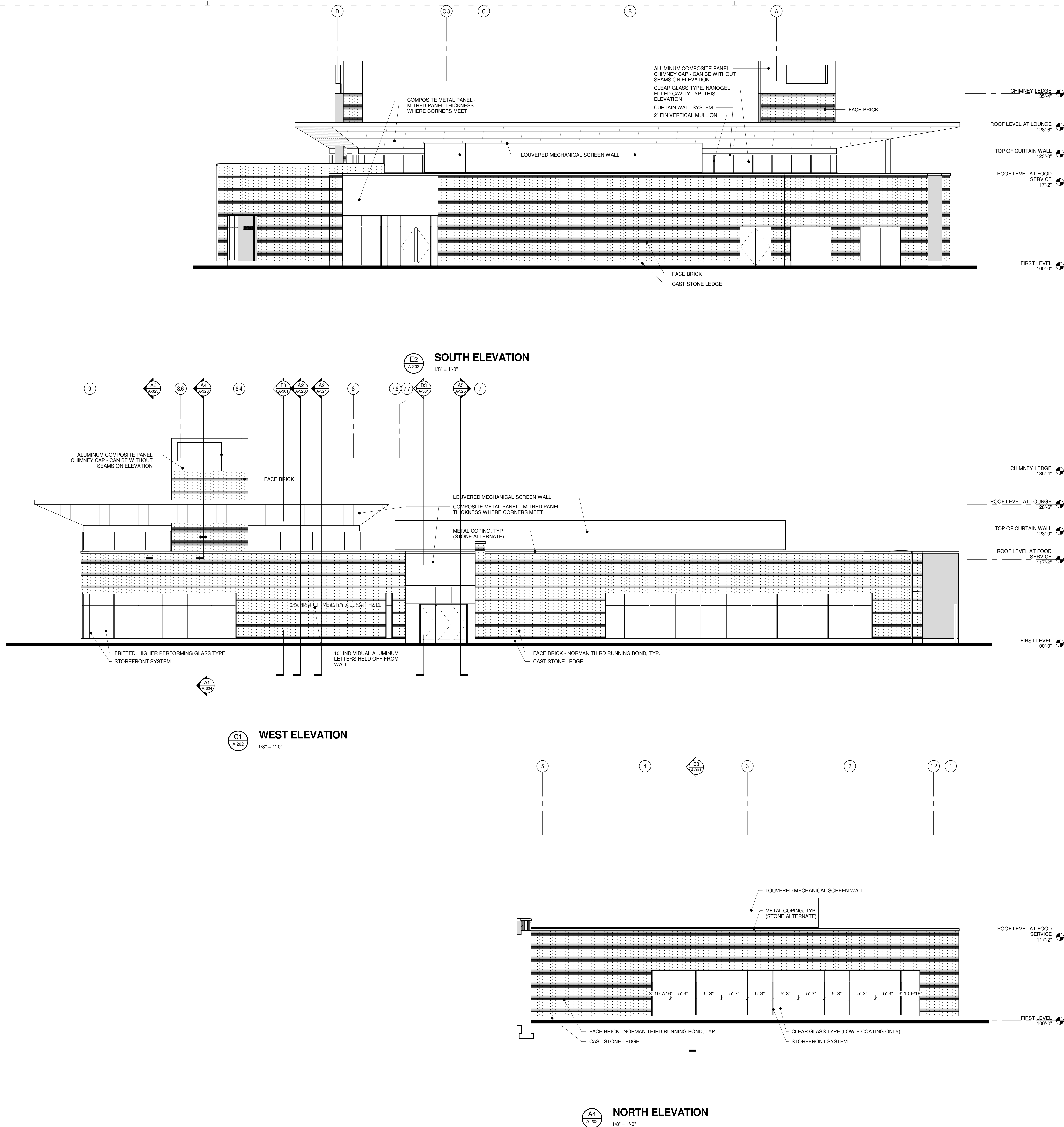
COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

RATIO

SHEET TITLE
EXTERIOR
ELEVATIONS

SHEET NUMBER
A-201

6/28/2013 11:35:11 AM



KEYNOTES - EXT ELEVATIONS /
BLDG SECTIONS

- 01.00 (GENERAL NOTES)
01.01 CENTER WALL ON COLUMN LINE
01.02 EDIT NOTE
01.03 EDIT NOTE
01.04 EDIT NOTE
01.05 EDIT NOTE
03.00 (CONCRETE)
03.01 EDIT NOTE
03.02 EDIT NOTE
03.03 EDIT NOTE
03.04 EDIT NOTE
03.05 EDIT NOTE
04.00 (MASONRY)
04.01 EDIT NOTE
04.02 EDIT NOTE
04.03 EDIT NOTE
04.04 EDIT NOTE
04.05 EDIT NOTE
05.00 (METALS)
05.01 EDIT NOTE
05.02 EDIT NOTE
05.03 EDIT NOTE
05.04 EDIT NOTE
05.05 EDIT NOTE
06.00 (WOOD & PLASTICS)
06.01 EDIT NOTE
06.02 EDIT NOTE
06.03 EDIT NOTE
06.04 EDIT NOTE
06.05 EDIT NOTE
07.00 (THERMAL & MOISTURE PROTECTION)
07.01 EDIT NOTE
07.02 EDIT NOTE
07.03 EDIT NOTE
07.04 EDIT NOTE
07.05 EDIT NOTE
08.00 (OPENINGS)
08.01 EDIT NOTE
08.02 EDIT NOTE
08.03 EDIT NOTE
08.04 EDIT NOTE
08.05 EDIT NOTE

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Patrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.
12103.000

COPYRIGHT NOTICE: THIS ARCHITECTURAL
AND ENGINEERING DRAWING IS GIVEN IN
CONFIDENCE AND SHALL BE USED ONLY
PURSUANT TO THE AGREEMENT WITH RATIO
ARCHITECTS, INC. NO OTHER USE,
DISSEMINATION OR DUPLICATION MAY BE
MADE WITHOUT PRIOR WRITTEN CONSENT
OF RATIO ARCHITECTS, INC. ALL COMMON
LAW RIGHTS OF COPYRIGHT AND
OTHERWISE ARE HEREBY SPECIFICALLY
RESERVED.

RATIO

SHEET TITLE
**EXTERIOR
ELEVATIONS**

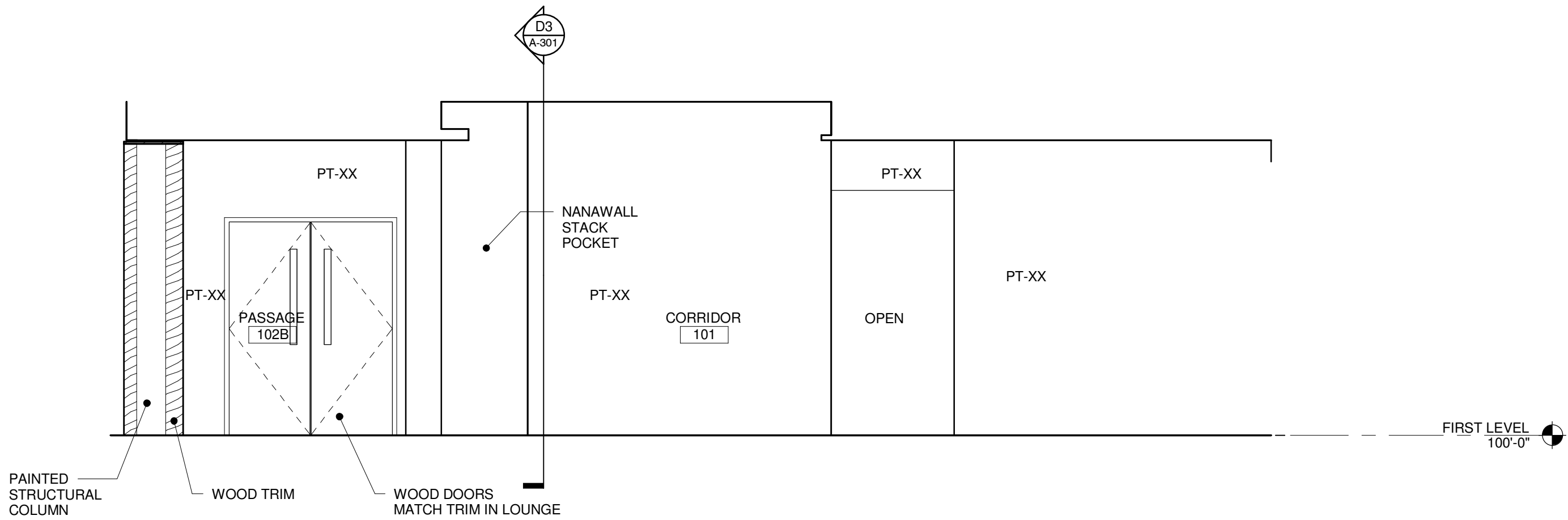
SHEET NUMBER

A-202

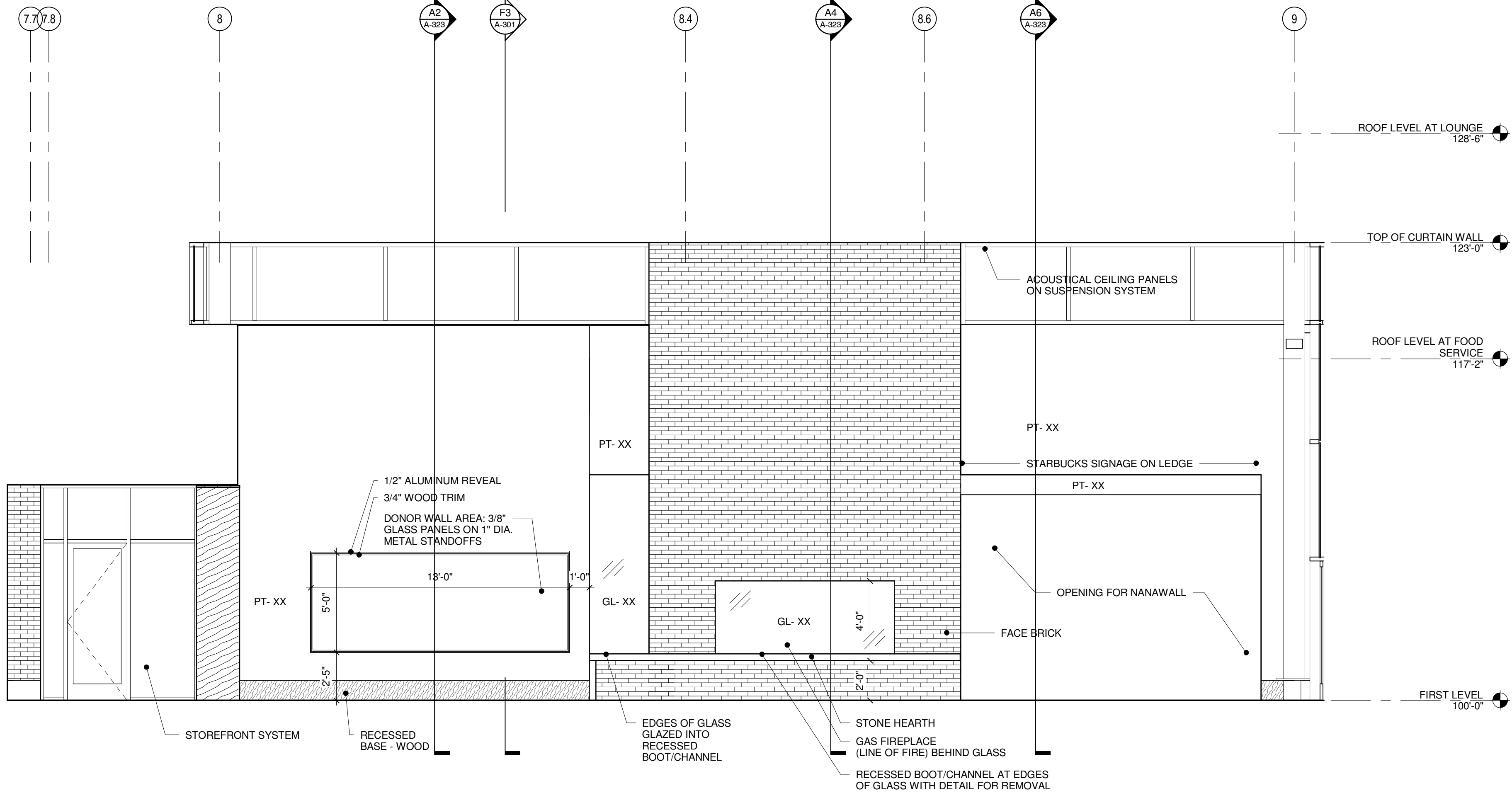
6/28/2013 11:35:17 AM

KEYNOTES - INTERIOR ELEVATIONS

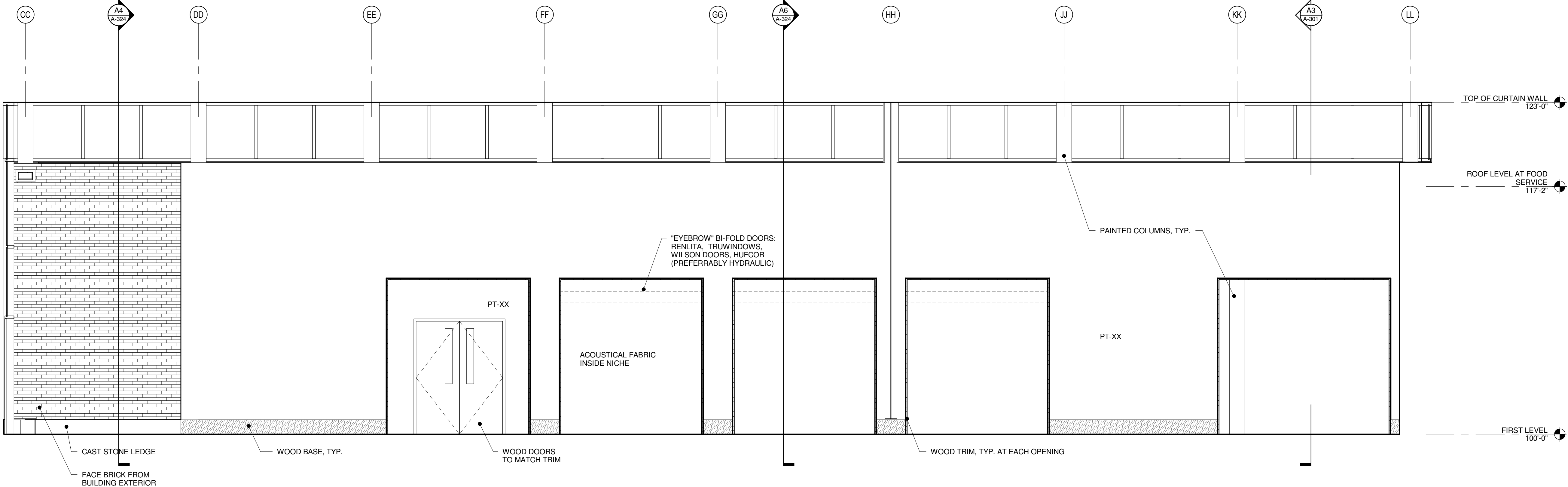
- 01.00 (GENERAL NOTES)
01.01 CENTER WALL ON COLUMN LINE
01.02 EDIT NOTE
01.03 EDIT NOTE
01.04 EDIT NOTE
01.05 EDIT NOTE
08.00 (OPENINGS)
08.01 EDIT NOTE
08.02 EDIT NOTE
08.03 EDIT NOTE
08.04 EDIT NOTE
08.05 EDIT NOTE
09.00 (FINISHES)
09.01 EDIT NOTE
09.02 EDIT NOTE
09.03 EDIT NOTE
09.04 EDIT NOTE
09.05 EDIT NOTE



E4
A-221
INTERIOR ELEVATION
1/4" = 1'-0"



C3
A-221
STUDENT LOUNGE WEST ELEVATION
1/4" = 1'-0"



A1
A-221
STUDENT LOUNGE - SOUTH ELEVATION
1/4" = 1'-0"

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Patrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



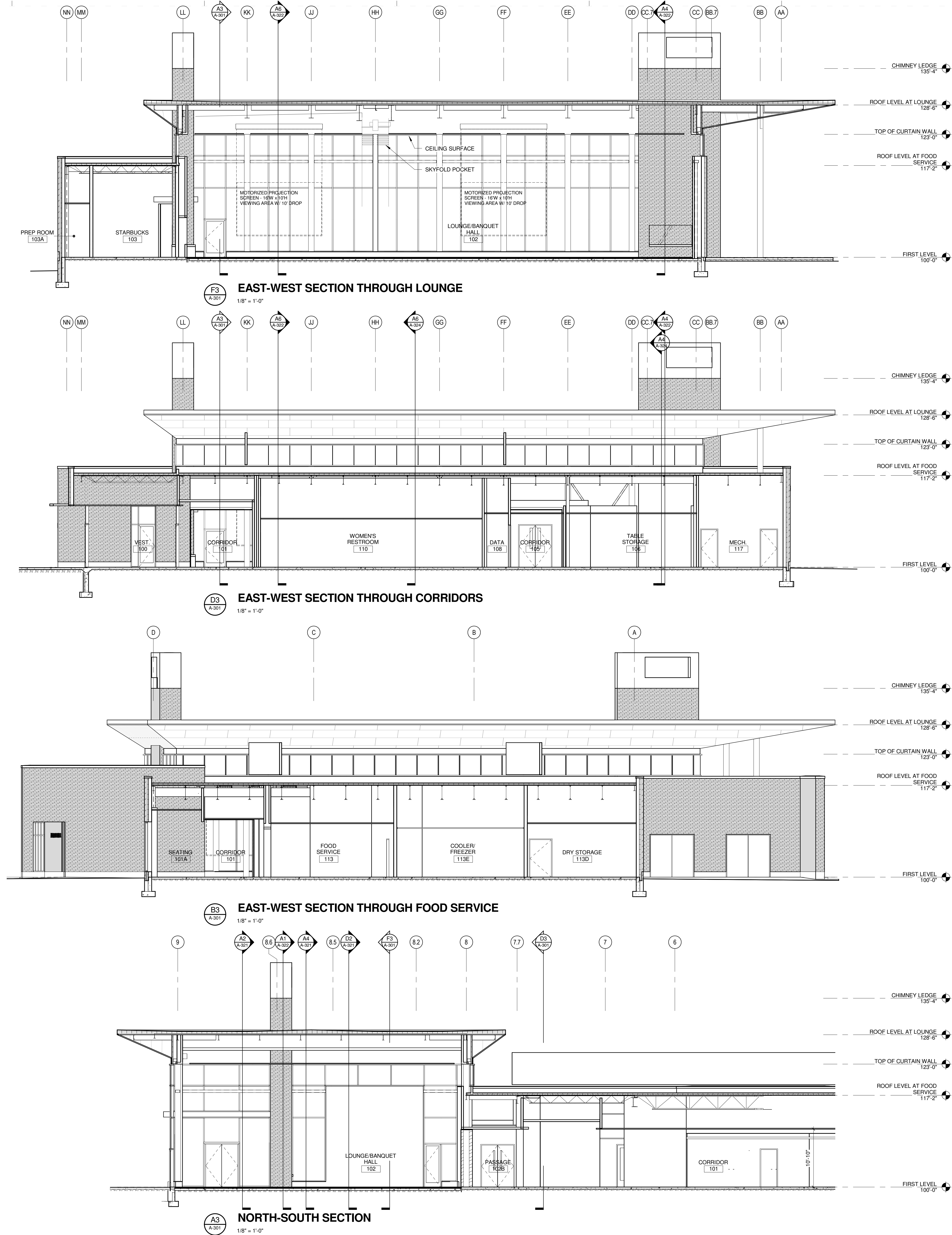
RATIO

SHEET TITLE
INTERIOR
ELEVATIONS

SHEET NUMBER

A-221

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



Marian University ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Patrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

**NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT**

REISSUE

CHECKED BY	COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED. RATIO
APPROVED BY	
PROJECT NO. 12103.000	

SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A-301

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



RATIO

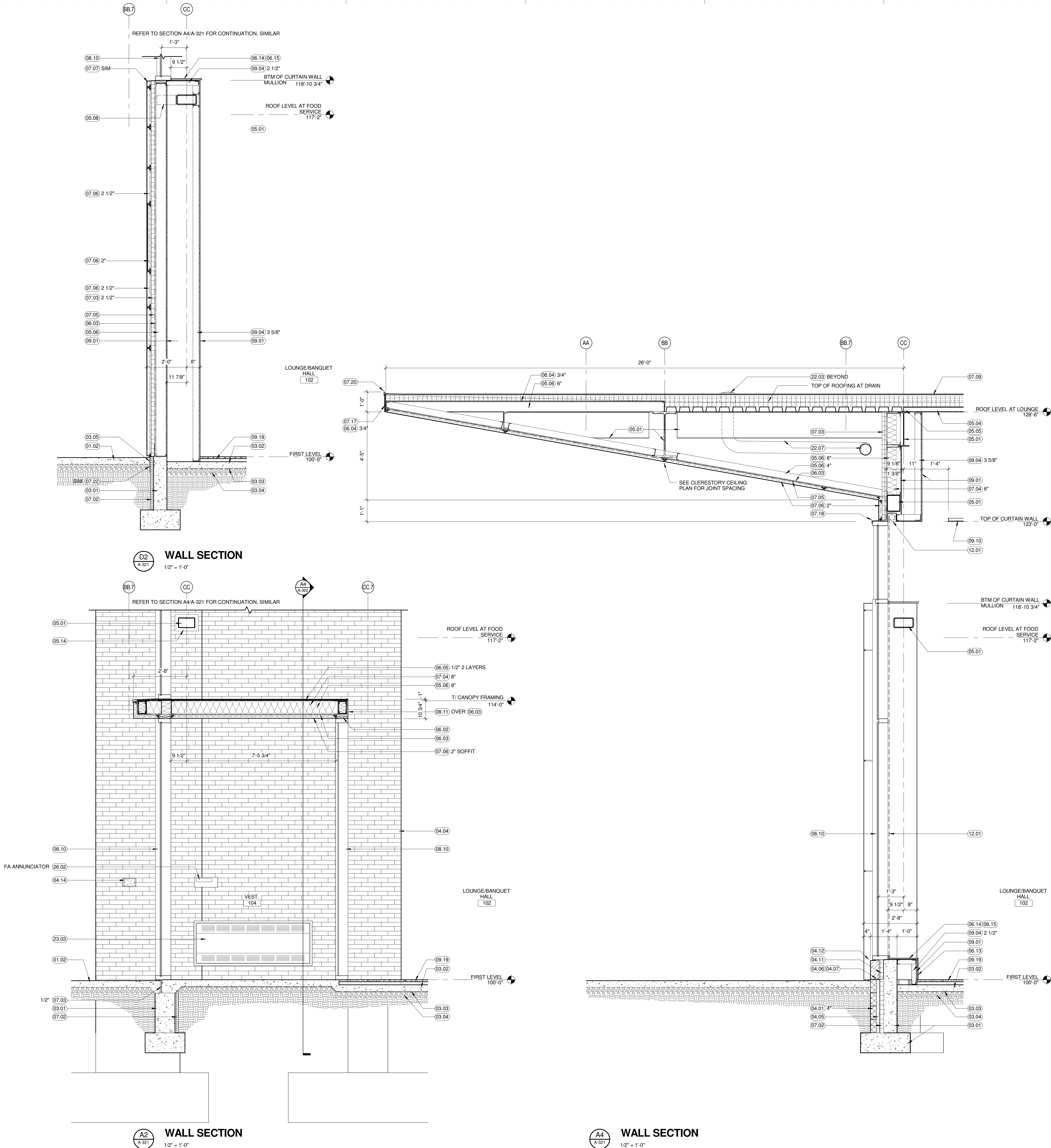
SHEET TITLE
WALL SECTIONS

SHEET NUMBER

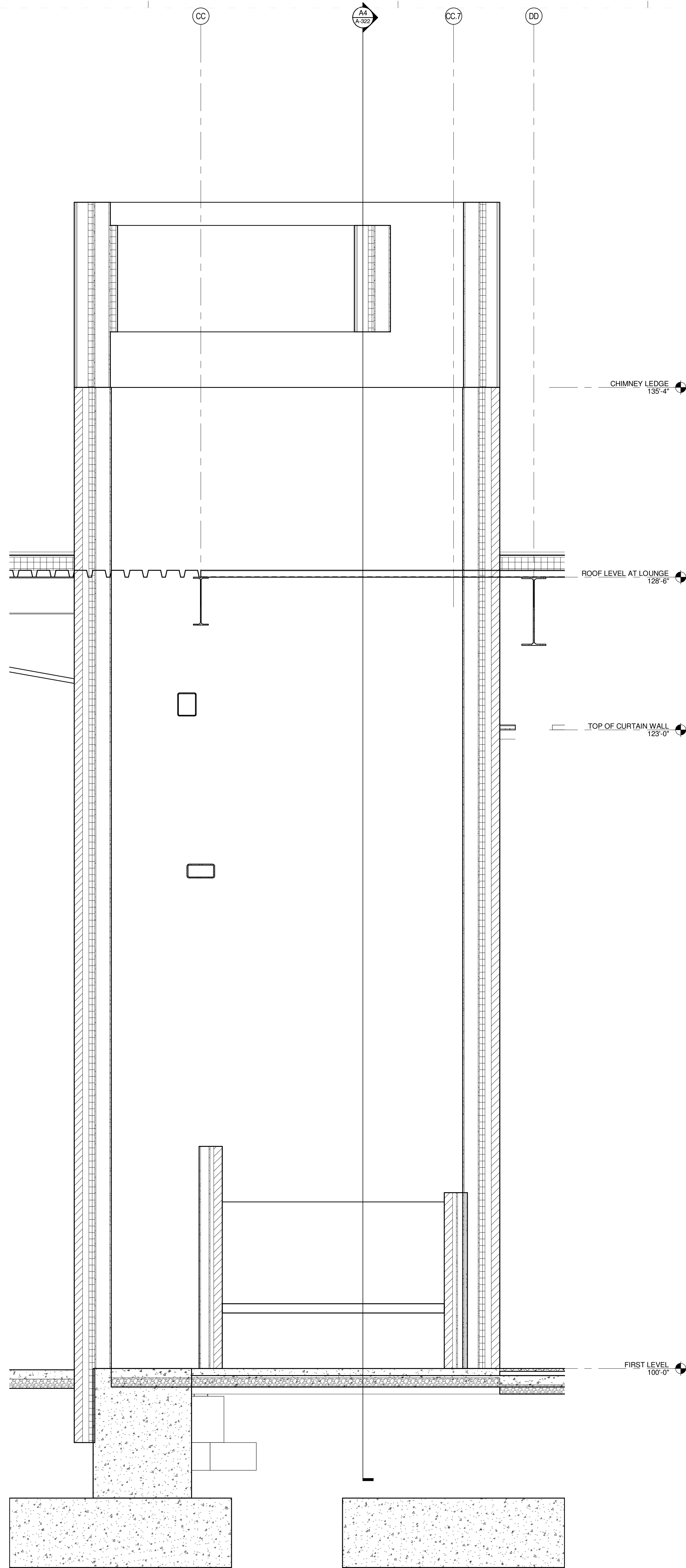
A-321

KEYNOTES - SECTIONS

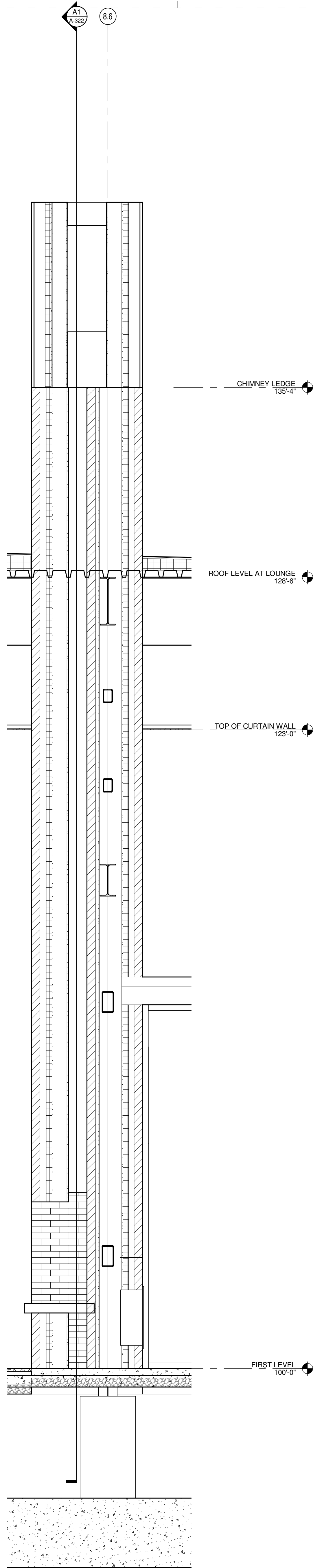
- 01.00 (GENERAL NOTES)
01.01 CENTER WALL ON COLUMN LINE
01.02 EXTERIOR CONCRETE PAVEMENT / FINISH GRADE - SEE 'C' & 'L' SERIES DWGS
03.00 (CONCRETE)
03.01 CAST-IN-PLACE CONCRETE - SEE 'S' SERIES DWGS
03.02 CAST-IN-PLACE CONCRETE SLAB-ON-GRADE - SEE 'S' SERIES DWGS
03.03 VAPOR RETARDER - SEE 'S' SERIES DWGS
03.04 GRANULAR FILL - SEE 'S' SERIES DWGS
03.05 EXPANSION MATERIAL/BOND BREAKER
04.00 (MASONRY)
04.01 CONCRETE MASONRY UNIT - NORMAL WT [SIZE]
04.02 4" FACE BRICK VENEER - NORMAN
04.03 GROUT SOLID
04.04 THRU-WALL FLASHING
04.05 WEEP SYSTEM @ 24" OC
04.06 2 1/2" CAVITY WALL INSULATION - TAPE JOINTS
04.07 CAST STONE TRIMSILL
04.08 FIRE DEPARTMENT KNOX BOX
05.00 (METALS)
05.01 STRUCTURAL STEEL - SEE 'S' SERIES DWGS
05.02 3" STEEL ROOF DECK - SEE 'S' SERIES DWGS
05.03 DECK CLOSURE
05.04 COLD-FORMED STEEL FRAMING [SIZE]
05.05 COLD-FORMED STEEL VERTICAL SLIDE CLIP
05.06 PRE-FINISHED METAL CLOSURE TRIM
06.00 (WOOD & PLASTICS)
06.01 TREATED WOOD BLOCKING
06.02 1/2" GLASS-MAT GYPSUM SHEATHING
06.03 TREATED PLYWOOD SHEATHING [SIZE]
06.04 PLYWOOD DECKING PANELS [SIZE]
06.05 HARDWOOD TRIM / WALL BASE
06.06 1/2"x3 1/2" HARDWOOD WINDOW STOOL
06.07 1/2" VENEER PLYWOOD WINDOW STOOL ON 1/4" TRTD WOOD FIBER BOARD ANCHORED TO SUBSTRATE (THERMAL & MOISTURE PROTECTION)
07.00 (THERMAL & MOISTURE PROTECTION)
07.01 2" RIGID PERIMETER INSULATION
07.02 RIGID BOARD INSULATION [SIZE]
07.03 FIBROUS BLANKET INSULATION [SIZE]
07.04 FLUID APPLIED MOISTURE BARRIER
07.05 COMPOSITE ALUMINUM RAIN-SCREEN SIDING SYSTEM [SYSTEM DEPTH]
07.06 COMPOSITE ALUMINUM RAIN-SCREEN PANEL SYSTEM - INTEGRAL COPING
07.07 TPO MEMBRANE ROOFING [TYPE]
07.08 ALUMINUM FASCIA
07.09 ALUMINUM TRIM
07.10 ALUMINUM DRIP EDGE
07.11 STAINLESS STEEL WALL FLASHING (OPENINGS)
07.12 2 1/2"x7 1/2" ALUMINUM CURTAINWALL FRAMING - SEE WINDOW ELEVATIONS FOR CAP TYPES
08.00 0.050" MIN. ALUMINUM TRIM BY CURTAINWALL MANUF. (FINISHES)
08.01 5/8" GYPSUM WALL/CEILING BOARD
08.02 METAL STUDS [SIZE]
08.03 ACOUSTIC CEILING PANELS ON SUSPENSION SYSTEM
08.04 LOW PROFILE ACCESS FLOOR SYSTEM (SPECIALTIES)
12.00 ROLLER WINDOW SHADE
12.01 ROOF DRAIN / OVER-FLOW DRAIN
22.07 PLUMBING EQUIPMENT - SEE 'P' SERIES DWGS (MECHANICAL)
23.03 CABINET UNIT HEATER - SEE 'M' SERIES DWGS
26.00 ELECTRICAL DEVISE [TYPE] - SEE 'E' SERIES DWGS (EARTHWORK)
31.00



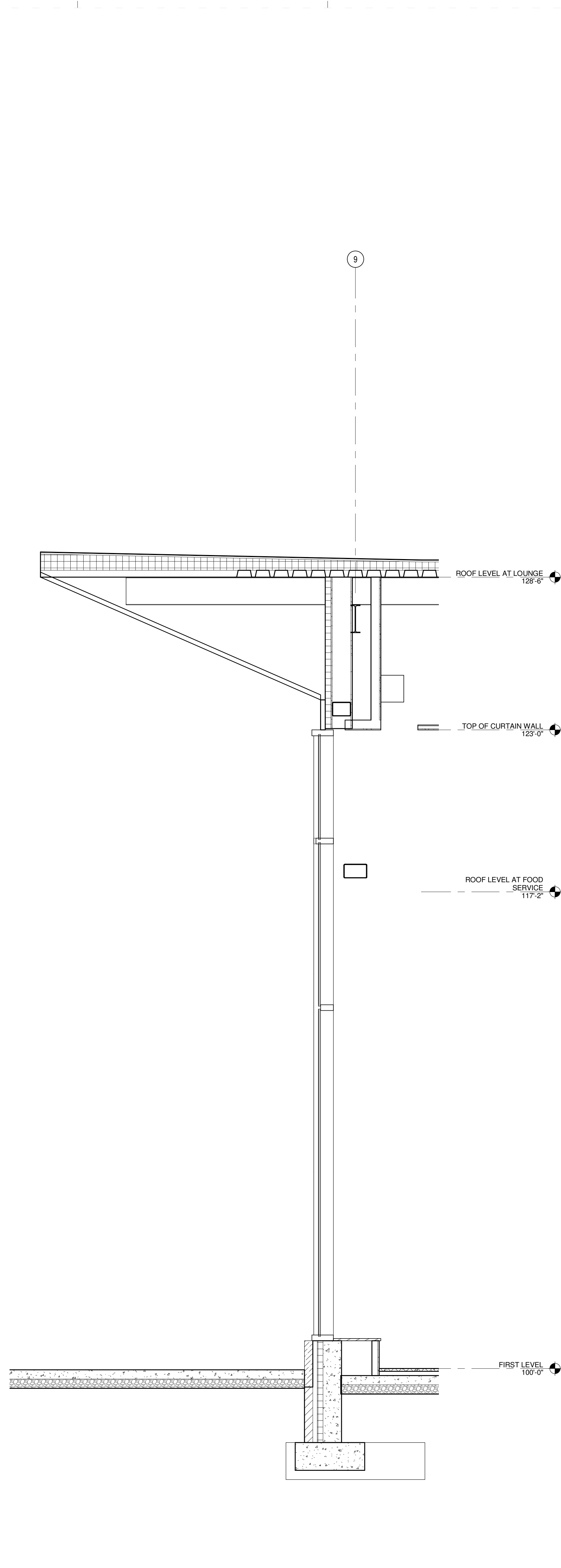
6/28/2013 12:05:03 PM



WALL SECTION
1/2" = 1'-0"



WALL SECTION
1/2" = 1'-0"



WALL SECTION
1/2" = 1'-0"

KEYNOTES - SECTIONS

- 01.00 (GENERAL NOTES)
- 01.01 CENTER WALL ON COLUMN LINE
- 01.02 EXTERIOR CONCRETE PAVEMENT / FINISH GRADE - SEE 'C' & 'L' SERIES DWGS
- 03.00 (CONCRETE)
- 03.01 CAST-IN-PLACE CONCRETE - SEE 'S' SERIES DWGS
- 03.02 CAST-IN-PLACE CONCRETE SLAB-ON-GRADE - SEE 'S' SERIES DWGS
- 03.03 VAPOR RETARDER - SEE 'S' SERIES DWGS
- 03.04 GRANULAR FILL - SEE 'S' SERIES DWGS
- 03.05 EXPANSION MATERIAL/BOND BREAKER
- 04.00 (MASONRY)
- 04.01 CONCRETE MASONRY UNIT - NORMAL WT [SIZE]
- 04.04 4" FACE BRICK VENEER - NORMAN
- 04.05 GROUT SOLID
- 04.06 THRU-WALL FLASHING
- 04.07 WEEP SYSTEM @ 24" OC
- 04.11 2 1/2" CAVITY WALL INSULATION - TAPE JOINTS
- 04.12 CAST STONE TRIMSILL
- 04.14 FIRE DEPARTMENT KNOX BOX
- 05.00 (METALS)
- 05.01 STRUCTURAL STEEL - SEE 'S' SERIES DWGS
- 05.04 3" STEEL ROOF DECK - SEE 'S' SERIES DWGS
- 05.05 DECK CLOSURE
- 05.06 COLD-FORMED STEEL FRAMING [SIZE]
- 05.08 COLD-FORMED STEEL VERTICAL SLIDE CLIP
- 05.14 PRE-FINISHED METAL CLOSURE TRIM
- 06.00 (WOOD & PLASTICS)
- 06.02 TREATED WOOD BLOCKING
- 06.03 1/2" GLASS-MAT GYPSUM SHEATHING
- 06.04 TREATED PLYWOOD SHEATHING [SIZE]
- 06.05 PLYWOOD DECKING PANELS [SIZE]
- 06.13 HARDWOOD TRIM / WALL BASE
- 06.14 1/2"x3 1/2" HARDWOOD WINDOW STOOL
- 06.15 1/2" VENEER PLYWOOD WINDOW STOOL ON 1/4" TRTD WOOD FIBER BOARD ANCHORED TO SUBSTRATE
- 07.00 (THERMAL & MOISTURE PROTECTION)
- 07.02 2" RIGID PERIMETER INSULATION
- 07.03 RIGID BOARD INSULATION [SIZE]
- 07.04 FIBROUS BLANKET INSULATION [SIZE]
- 07.05 FLUID-APPLIED MOISTURE BARRIER
- 07.06 COMPOSITE ALUMINUM RAIN-SCREEN SIDING SYSTEM [SYSTEM DEPTH]
- 07.07 COMPOSITE ALUMINUM RAIN-SCREEN PANEL SYSTEM - INTEGRAL COPING
- 07.09 TPO MEMBRANE ROOFING [TYPE]
- 07.17 ALUMINUM FASCIA
- 07.18 ALUMINUM TRIM
- 07.20 ALUMINUM DRIP EDGE
- 07.22 STAINLESS STEEL WALL FLASHING
- 08.00 (OPENINGS)
- 08.10 2 1/2"x7 1/2" ALUMINUM CURTAINWALL FRAMING - SEE WINDOW ELEVATIONS FOR CAP TYPES
- 08.11 0.050" MIN. ALUMINUM TRIM BY CURTAINWALL MANUF.
- 09.00 (FINISHES)
- 09.01 5/8" GYPSUM WALL/CEILING BOARD
- 09.04 METAL STUDS [SIZE]
- 09.10 ACOUSTIC CEILING PANELS ON SUSPENSION SYSTEM
- 09.19 LOW PROFILE ACCESS FLOOR SYSTEM
- 10.00 (SPECIALTIES)
- 12.00
- 12.01
- 22.00
- 22.03 ROOF DRAIN / OVER-FLOW DRAIN
- 22.07 PLUMBING EQUIPMENT - SEE 'P' SERIES DWGS
- 23.00 (MECHANICAL)
- 23.03 CABINET UNIT HEATER - SEE 'M' SERIES DWGS
- 26.00
- 26.02 ELECTRICAL DEVISE [TYPE] - SEE 'E' SERIES DWGS
- 31.00 (EARTHWORK)

Marian University ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

**NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT**

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



RATIO

SHEET TITLE

WALL SECTIONS

SHEET NUMBER

A-322

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



RATIO

SHEET TITLE

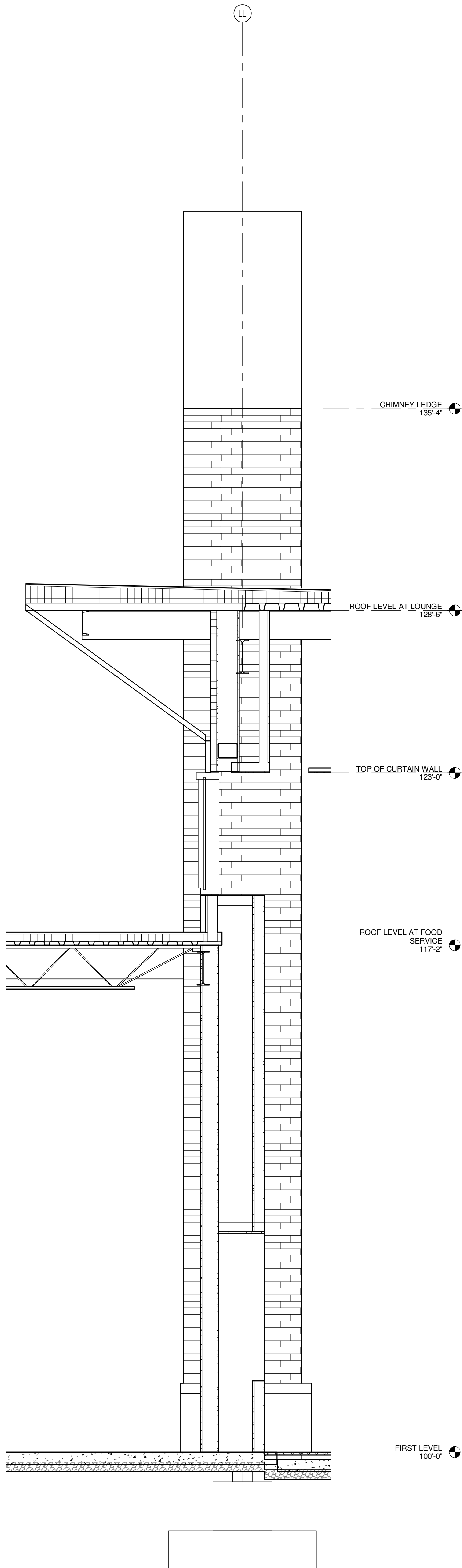
WALL SECTIONS

SHEET NUMBER

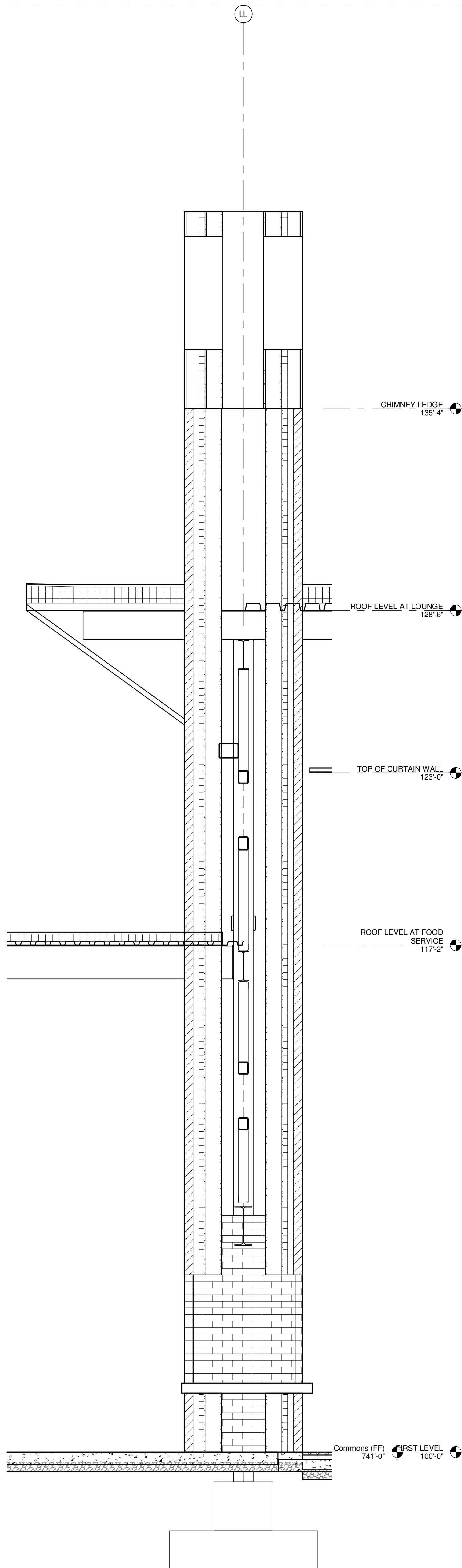
A-323

KEYNOTES - SECTIONS

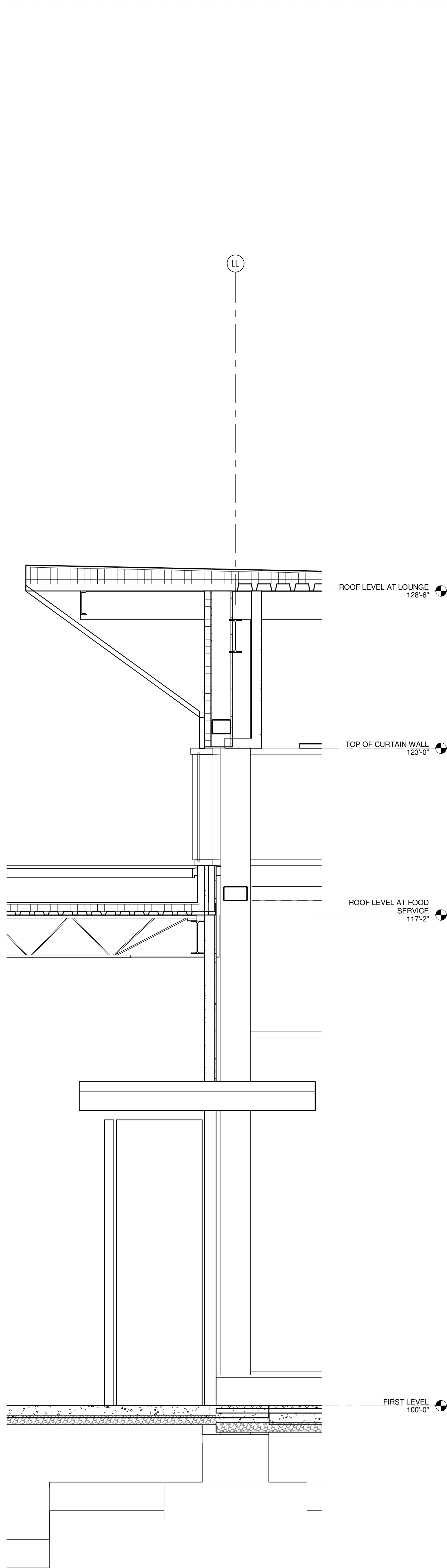
- 01.00 (GENERAL NOTES)
01.01 CENTER WALL ON COLUMN LINE
01.02 EXTERIOR CONCRETE PAVEMENT / FINISH GRADE - SEE 'C' & 'L' SERIES DWGS
03.00 (CONCRETE)
03.01 CAST-IN-PLACE CONCRETE - SEE 'S' SERIES DWGS
03.02 CAST-IN-PLACE CONCRETE SLAB-ON-GRADE - SEE 'S' SERIES DWGS
03.03 VAPOR RETARDER - SEE 'S' SERIES DWGS
03.04 GRANULAR FILL - SEE 'S' SERIES DWGS
03.05 EXPANSION MATERIAL/BOND BREAKER
04.00 (MASONRY)
04.01 CONCRETE MASONRY UNIT - NORMAL WT [SIZE]
04.04 4" FACE BRICK VENEER - NORMAN
04.05 GROUT SOLID
04.06 THRU-WALL FLASHING
04.07 WEEP SYSTEM @ 24" OC
04.11 2 1/2" CAVITY WALL INSULATION - TAPE JOINTS
04.12 CAST STONE TRIMSILL
04.14 FIRE DEPARTMENT KNOX BOX
05.00 (METALS)
05.01 STRUCTURAL STEEL - SEE 'S' SERIES DWGS
05.04 3" STEEL ROOF DECK - SEE 'S' SERIES DWGS
05.05 DECK CLOSURE
05.06 COLD-FORMED STEEL FRAMING [SIZE]
05.08 COLD-FORMED STEEL VERTICAL SLIDE CLIP
05.14 PRE-FINISHED METAL CLOSURE TRIM
06.00 (WOOD & PLASTICS)
06.02 TREATED WOOD BLOCKING
06.03 1/2" GLASS-MAT GYPSUM SHEATHING
06.04 TREATED PLYWOOD SHEATHING [SIZE]
06.05 PLYWOOD DECKING PANELS [SIZE]
06.13 HARDWOOD TRIM / WALL BASE
06.14 1/2"x3 1/2" HARDWOOD WINDOW STOOL
06.15 1/2" VENEER PLYWOOD WINDOW STOOL ON 1/4" TRTD WOOD FIBER BOARD ANCHORED TO SUBSTRATE
07.00 (THERMAL & MOISTURE PROTECTION)
07.02 2" RIGID PERIMETER INSULATION
07.03 RIGID BOARD INSULATION [SIZE]
07.04 FIBROUS BLANKET INSULATION [SIZE]
07.05 FLUID APPLIED MOISTURE BARRIER
07.06 COMPOSITE ALUMINUM RAIN-SCREEN SIDING SYSTEM [SYSTEM DEPTH]
07.07 COMPOSITE ALUMINUM RAIN-SCREEN PANEL SYSTEM - INTEGRAL COPING
07.09 TPO MEMBRANE ROOFING [TYPE]
07.17 ALUMINUM FASCIA
07.18 ALUMINUM TRIM
07.20 ALUMINUM DRIP EDGE
07.22 STAINLESS STEEL WALL FLASHING
08.00 (OPENINGS)
08.10 2 1/2"x7 1/2" ALUMINUM CURTAINWALL FRAMING - SEE WINDOW ELEVATIONS FOR CAP TYPES
08.11 0.050" MIN. ALUMINUM TRIM BY CURTAINWALL MANUF.
09.00 (FINISHES)
09.01 5/8" GYPSUM WALL/CEILING BOARD
09.04 METAL STUDS [SIZE]
09.10 ACOUSTIC CEILING PANELS ON SUSPENSION SYSTEM
09.19 LOW PROFILE ACCESS FLOOR SYSTEM (SPECIALTIES)
10.00 (SPECIALTIES)
12.00
12.01 ROLLER WINDOW SHADE
22.00
22.03 ROOF DRAIN / OVER-FLOW DRAIN
22.07 PLUMBING EQUIPMENT - SEE 'P' SERIES DWGS
23.00 (MECHANICAL)
23.03 CABINET UNIT HEATER - SEE 'M' SERIES DWGS
26.00
26.02 ELECTRICAL DEVISE [TYPE] - SEE 'E' SERIES DWGS
31.00 (EARTHWORK)



A2
WALL SECTION
1/2" = 1'-0"



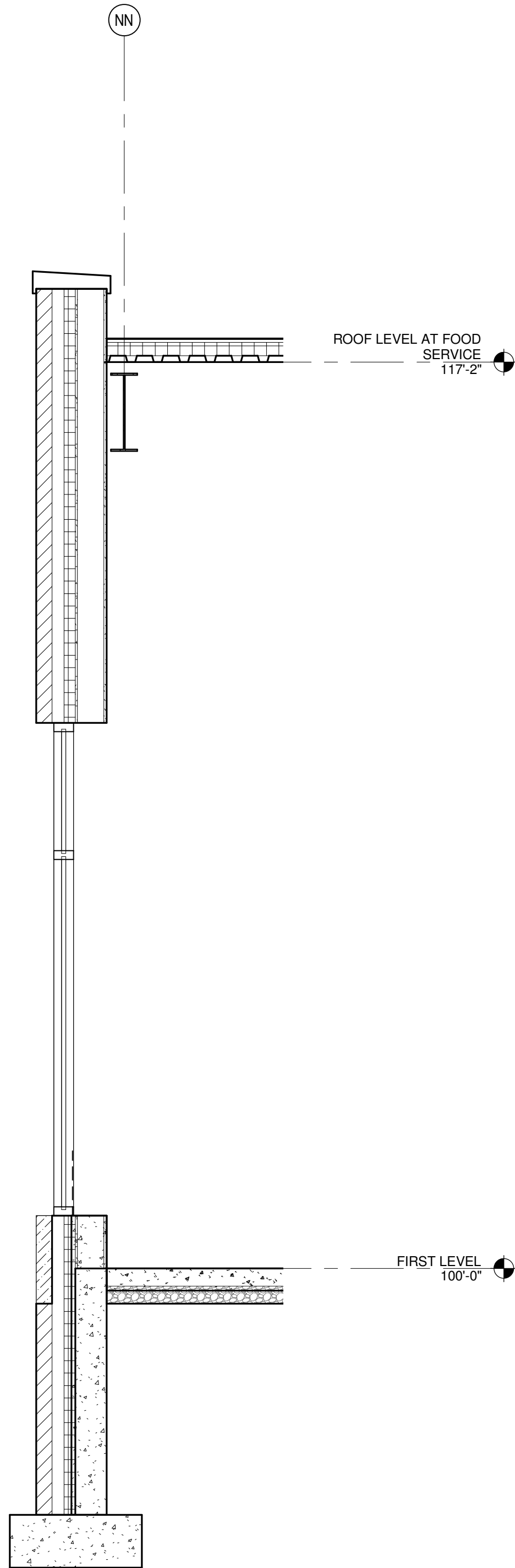
A4
WALL SECTION
1/2" = 1'-0"



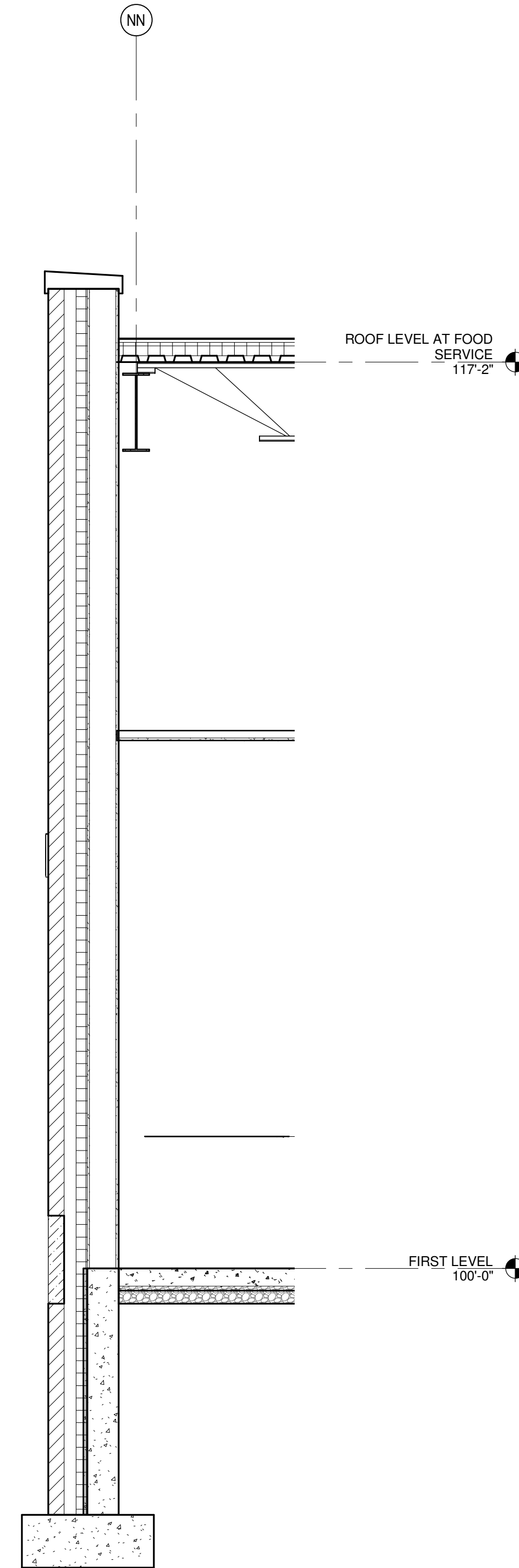
A6
WALL SECTION
1/2" = 1'-0"

6/28/2013 12:05:05 PM

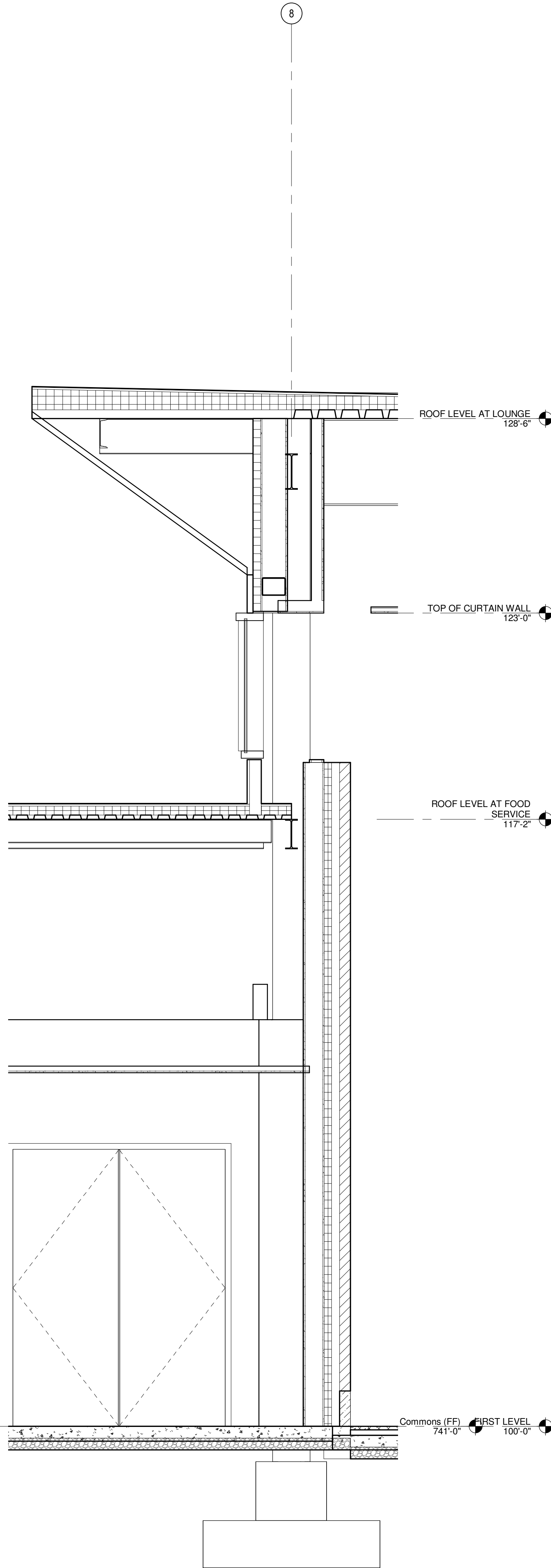
A1
WALL SECTION
1/2" = 1'-0"



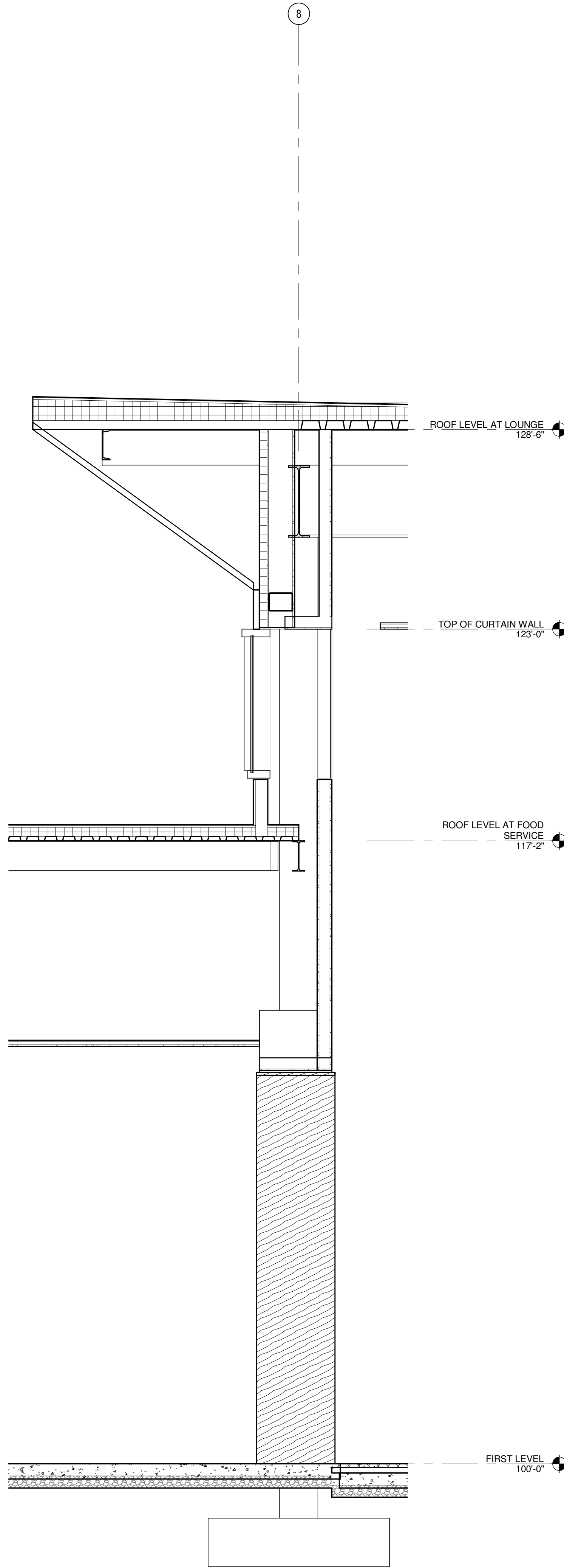
A2
WALL SECTION
1/2" = 1'-0"



A4
WALL SECTION
1/2" = 1'-0"



A6
WALL SECTION
1/2" = 1'-0"



KEYNOTES - SECTIONS

- 01.00 (GENERAL NOTES)
01.01 CENTER WALL ON COLUMN LINE
01.02 EXTERIOR CONCRETE PAVEMENT / FINISH GRADE - SEE 'C' & 'L' SERIES DWGS
03.00 (CONCRETE)
03.01 CAST-IN-PLACE CONCRETE - SEE 'S' SERIES DWGS
03.02 CAST-IN-PLACE CONCRETE SLAB-ON-GRADE - SEE 'S' SERIES DWGS
03.03 VAPOR RETARDER - SEE 'S' SERIES DWGS
03.04 GRANULAR FILL - SEE 'S' SERIES DWGS
03.05 EXPANSION MATERIAL/BOND BREAKER
04.00 (MASONRY)
04.01 CONCRETE MASONRY UNIT - NORMAL WT [SIZE]
04.04 4" FACE BRICK VENEER - NORMAN
04.05 GROUT SOLID
04.06 THRU-WALL FLASHING
04.07 WEEP SYSTEM @ 24" OC
04.11 2 1/2" CAVITY WALL INSULATION - TAPE JOINTS
04.12 CAST STONE TRIMSILL
04.14 FIRE DEPARTMENT KNOX BOX
05.00 (METALS)
05.01 STRUCTURAL STEEL - SEE 'S' SERIES DWGS
05.04 3" STEEL ROOF DECK - SEE 'S' SERIES DWGS
05.05 DECK CLOSURE
05.06 COLD-FORMED STEEL FRAMING [SIZE]
05.08 COLD-FORMED STEEL VERTICAL SLIDE CLIP
05.14 PRE-FINISHED METAL CLOSURE TRIM
06.00 (WOOD & PLASTICS)
06.02 TREATED WOOD BLOCKING
06.03 1/2" GLASS-MAT GYPSUM SHEATHING
06.04 TREATED PLYWOOD SHEATHING [SIZE]
06.05 PLYWOOD DECKING PANELS [SIZE]
06.13 HARDWOOD TRIM / WALL BASE
06.14 1/2"x3 1/2" HARDWOOD WINDOW STOOL
06.15 1/2" VENEER PLYWOOD WINDOW STOOL ON 1/4" TRTD WOOD FIBER BOARD ANCHORED TO SUBSTRATE (THERMAL & MOISTURE PROTECTION)
07.00 (THERMAL & MOISTURE PROTECTION)
07.02 2" RIGID PERIMETER INSULATION
07.03 RIGID BOARD INSULATION [SIZE]
07.04 FIBROUS BLANKET INSULATION [SIZE]
07.05 FLUID-APPLIED MOISTURE BARRIER
07.06 COMPOSITE ALUMINUM RAIN-SCREEN SIDING SYSTEM [SYSTEM DEPTH]
07.07 COMPOSITE ALUMINUM RAIN-SCREEN PANEL SYSTEM - INTEGRAL COPING
07.09 TPO MEMBRANE ROOFING [TYPE]
07.17 ALUMINUM FASCIA
07.18 ALUMINUM TRIM
07.20 ALUMINUM DRIP EDGE
07.22 STAINLESS STEEL WALL FLASHING
08.00 (OPENINGS)
08.10 2 1/2"x7 1/2" ALUMINUM CURTAINWALL FRAMING - SEE WINDOW ELEVATIONS FOR CAP TYPES
08.11 0.050" MIN ALUMINUM TRIM BY CURTAINWALL MANUF.
09.00 (FINISHES)
09.01 5/8" GYPSUM WALL/CEILING BOARD
09.04 METAL STUDS [SIZE]
09.10 ACOUSTIC CEILING PANELS ON SUSPENSION SYSTEM
09.19 LOW PROFILE ACCESS FLOOR SYSTEM (SPECIALTIES)
12.00
12.01 ROLLER WINDOW SHADE
22.00
22.03 ROOF DRAIN / OVER-FLOW DRAIN
22.07 PLUMBING EQUIPMENT - SEE 'P' SERIES DWGS
23.00 (MECHANICAL)
23.03 CABINET UNIT HEATER - SEE 'M' SERIES DWGS
26.00
26.02 ELECTRICAL DEVISE [TYPE] - SEE 'E' SERIES DWGS
31.00 (EARTHWORK)

**Marian University
ALUMNI HALL**

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

**NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT**

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



RATIO

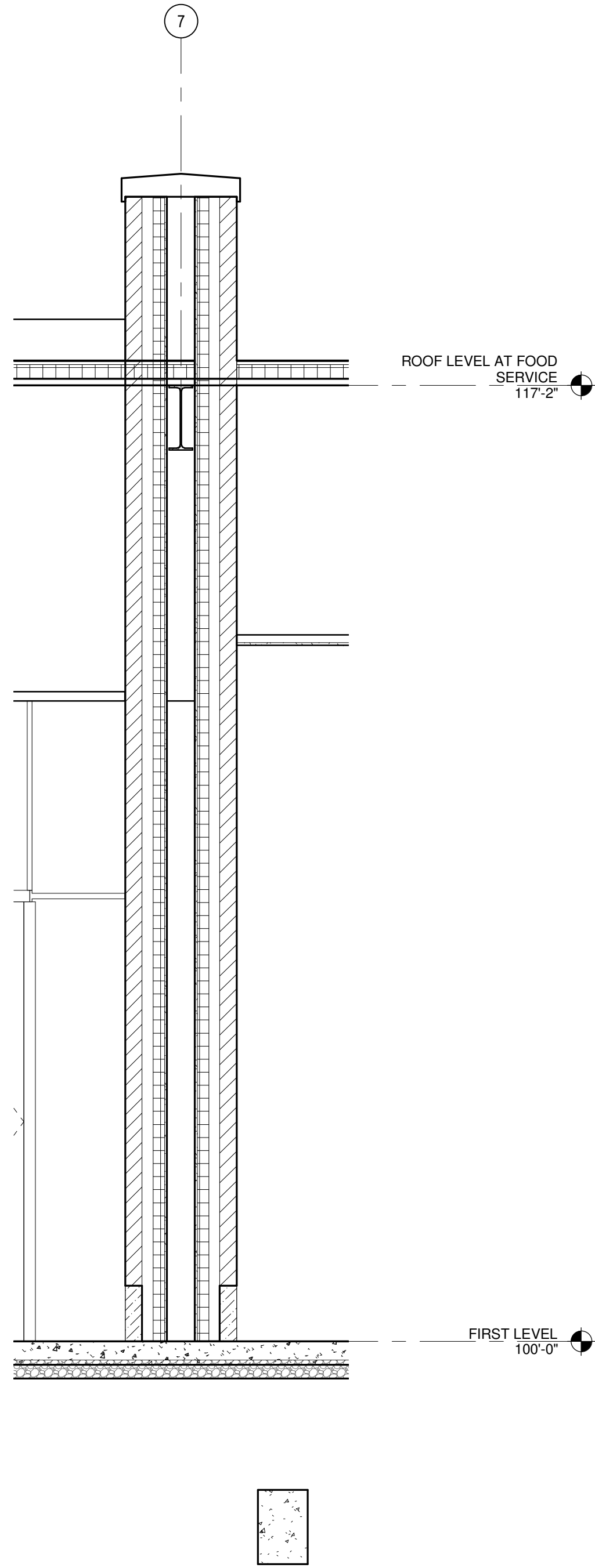
SHEET TITLE
WALL SECTIONS

SHEET NUMBER

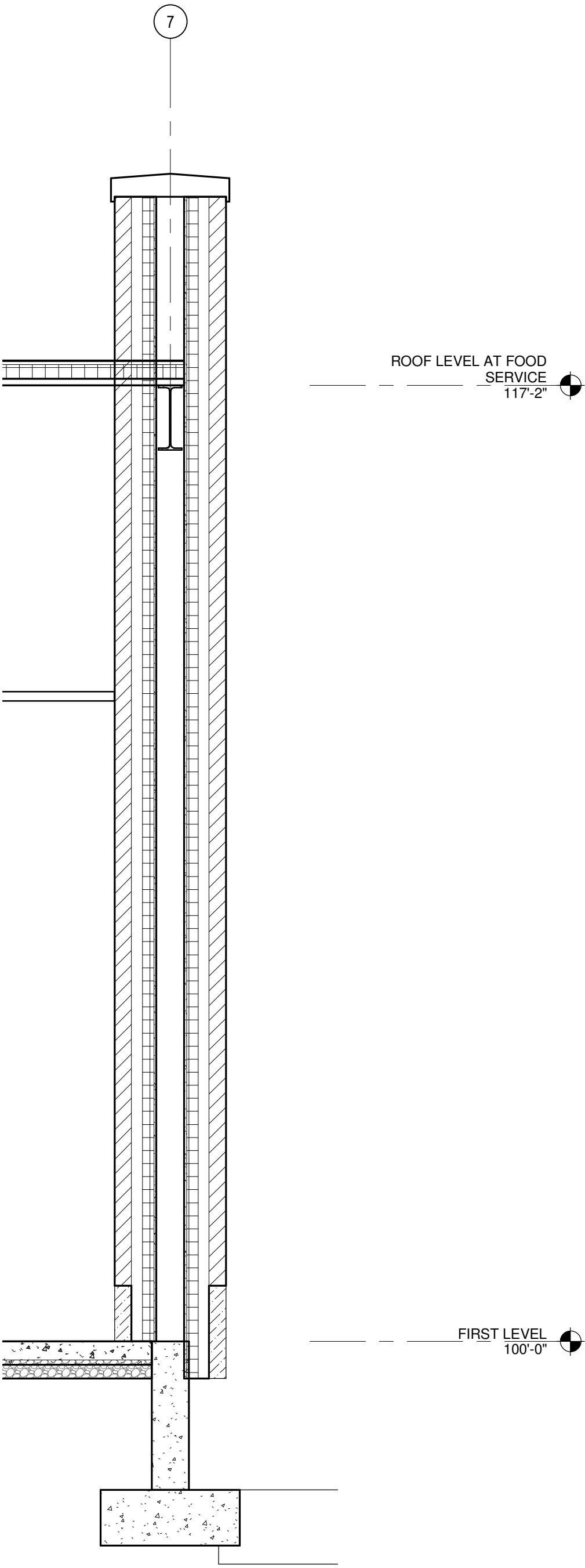
A-324

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

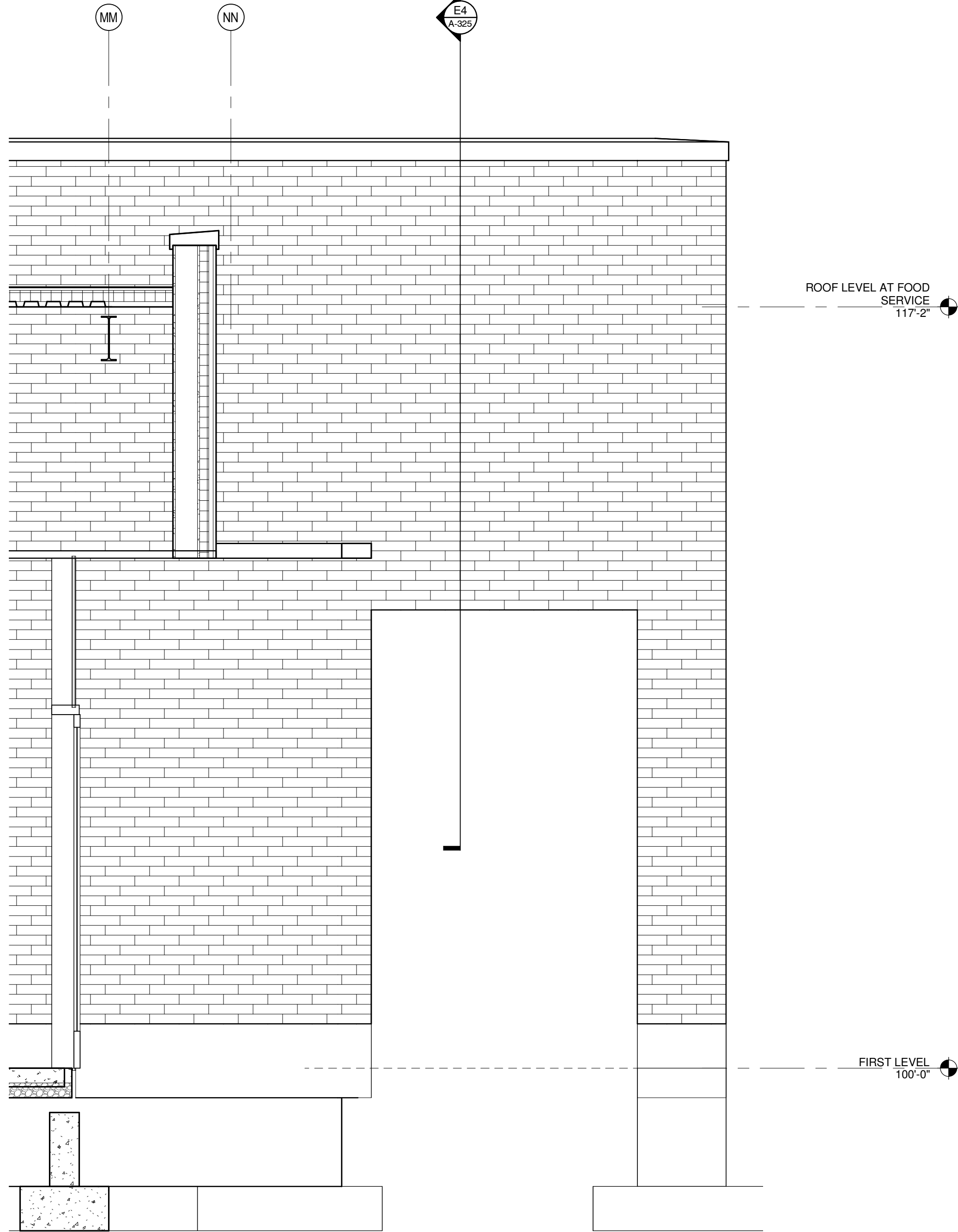
WALL SECTION
1/2" = 1'-0"



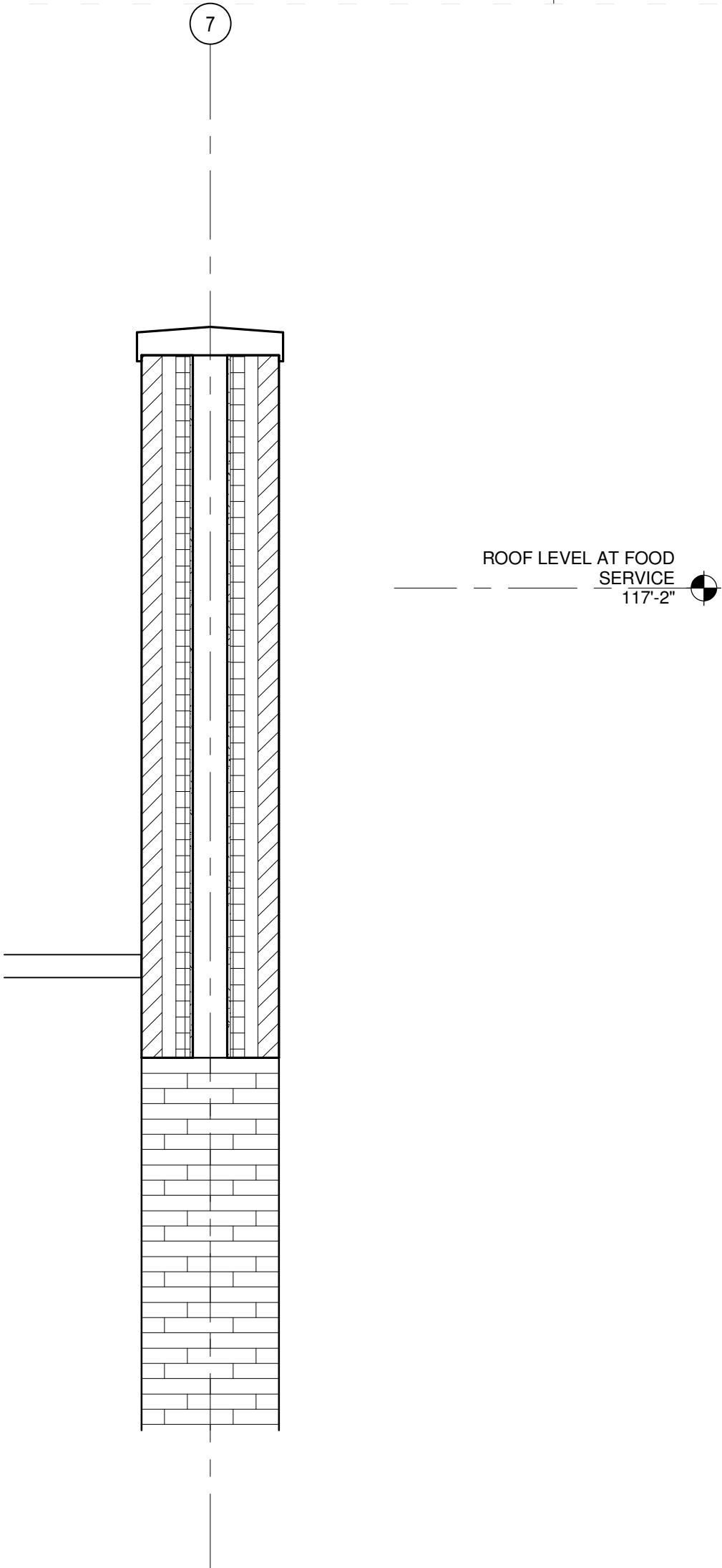
WALL SECTION
1/2" = 1'-0"



WALL SECTION
1/2" = 1'-0"



WALL SECTION
1/2" = 1'-0"



KEYNOTES - SECTIONS

- 01.00 (GENERAL NOTES)
01.01 CENTER WALL ON COLUMN LINE
01.02 EXTERIOR CONCRETE PAVEMENT / FINISH GRADE - SEE 'C' & 'L' SERIES DWGS
03.00 (CONCRETE)
03.01 CAST-IN-PLACE CONCRETE - SEE 'S' SERIES DWGS
03.02 CAST-IN-PLACE CONCRETE SLAB-ON-GRADE - SEE 'S' SERIES DWGS
03.03 VAPOR RETARDER - SEE 'S' SERIES DWGS
03.04 GRANULAR FILL - SEE 'S' SERIES DWGS
03.05 EXPANSION MATERIAL/BOND BREAKER
04.00 (MASONRY)
04.01 CONCRETE MASONRY UNIT - NORMAL WT [SIZE]
04.04 4" FACE BRICK VENEER - NORMAN
04.05 GROUT SOLID
04.06 THRU-WALL FLASHING
04.07 WEEP SYSTEM @ 24" OC
04.11 2 1/2" CAVITY WALL INSULATION - TAPE JOINTS
04.12 CAST STONE TRIMSILL
04.14 FIRE DEPARTMENT KNOX BOX
05.00 (METALS)
05.01 STRUCTURAL STEEL - SEE 'S' SERIES DWGS
05.04 3" STEEL ROOF DECK - SEE 'S' SERIES DWGS
05.05 DECK CLOSURE
05.06 COLD-FORMED STEEL FRAMING [SIZE]
05.08 COLD-FORMED STEEL VERTICAL SLIDE CLIP
05.14 PRE-FINISHED METAL CLOSURE TRIM
06.00 (WOOD & PLASTICS)
06.02 TREATED WOOD BLOCKING
06.03 1/2" GLASS-MAT GYPSUM SHEATHING
06.04 TREATED PLYWOOD SHEATHING [SIZE]
06.05 PLYWOOD DECKING PANELS [SIZE]
06.13 HARDWOOD TRIM / WALL BASE
06.14 1/2"x3 1/2" HARDWOOD WINDOW STOOL
06.15 1/2" VENEER PLYWOOD WINDOW STOOL ON 1/4" TRTD WOOD FIBER BOARD ANCHORED TO SUBSTRATE
07.00 (THERMAL & MOISTURE PROTECTION)
07.02 2" RIGID PERIMETER INSULATION
07.03 RIGID BOARD INSULATION [SIZE]
07.04 FIBROUS BLANKET INSULATION [SIZE]
07.05 FLUID-APPLIED MOISTURE BARRIER
07.06 COMPOSITE ALUMINUM RAIN-SCREEN SIDING SYSTEM [SYSTEM DEPTH]
07.07 COMPOSITE ALUMINUM RAIN-SCREEN PANEL SYSTEM - INTEGRAL COPING
07.09 TPO MEMBRANE ROOFING [TYPE]
07.17 ALUMINUM FASCIA
07.18 ALUMINUM TRIM
07.20 ALUMINUM DRIP EDGE
07.22 STAINLESS STEEL WALL FLASHING
08.00 (OPENINGS)
08.10 2 1/2"x7 1/2" ALUMINUM CURTAINWALL FRAMING - SEE WINDOW ELEVATIONS FOR CAP TYPES
08.11 0.050" MIN. ALUMINUM TRIM BY CURTAINWALL MANUF.
09.00 (FINISHES)
09.01 5/8" GYPSUM WALL/CEILING BOARD
09.04 METAL STUDS [SIZE]
09.10 ACOUSTIC CEILING PANELS ON SUSPENSION SYSTEM
09.19 LOW PROFILE ACCESS FLOOR SYSTEM
10.00 (SPECIALTIES)
12.00
12.01 ROLLER WINDOW SHADE
22.00
22.03 ROOF DRAIN / OVER-FLOW DRAIN
22.07 PLUMBING EQUIPMENT - SEE 'P' SERIES DWGS
23.00 (MECHANICAL)
23.03 CABINET UNIT HEATER - SEE 'M' SERIES DWGS
26.00
26.02 ELECTRICAL DEVISE [TYPE] - SEE 'E' SERIES DWGS
31.00 (EARTHWORK)

**Marian University
ALUMNI HALL**

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

**NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT**

REISSUE

CHECKED BY

APPROVED BY

PROJECT NO.

12103.000



RATIO

SHEET TITLE

WALL SECTIONS

SHEET NUMBER

A-325

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFERENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

Foodservice Consultant
Ronald M. Corsi & Associates
1001 Baltimore Pike
Lower Level
Springfield, Pennsylvania
19064
(610) 541-0822



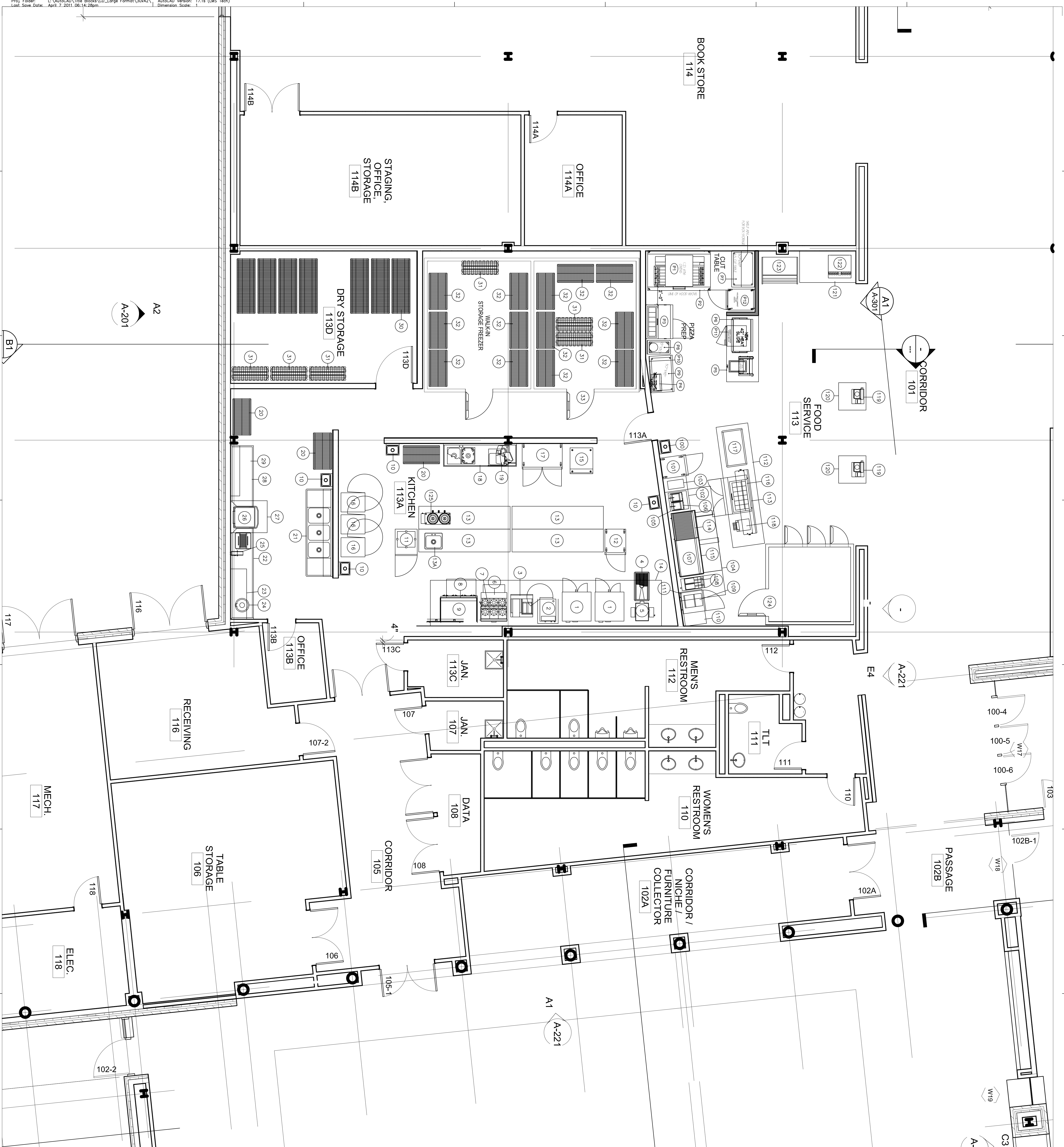
100%
DESIGN_DOCUMENT_PHASE

[illegible]

RATIO

SHEET TITLE
FOODSERVICE
EQUIPMENT
LAYOUT

SHEET NUMBER



3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

Foodservice Consultant
Renald M. Corsi & Associates
1001 Baltimore Pike
Lower Level
Springfield, Pennsylvania
15064
(610) 541-0822

KEY PLAN



DESING_DOCUMENT_PHASE

[illegible]

CHECKED BY	
CHECKED_BY	
APPROVED BY	
APPROVED_BY	
PROJECT NO.	12103.000



RATIO

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RA ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

SHEET TITLE
FOODSERVICE
EQUIPMENT
SCHEDULE

SHEET NUMBER

K-102

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

REISSUE

CHECKED BY

WAE

APPROVED BY

DED

PROJECT NO.
12103.000

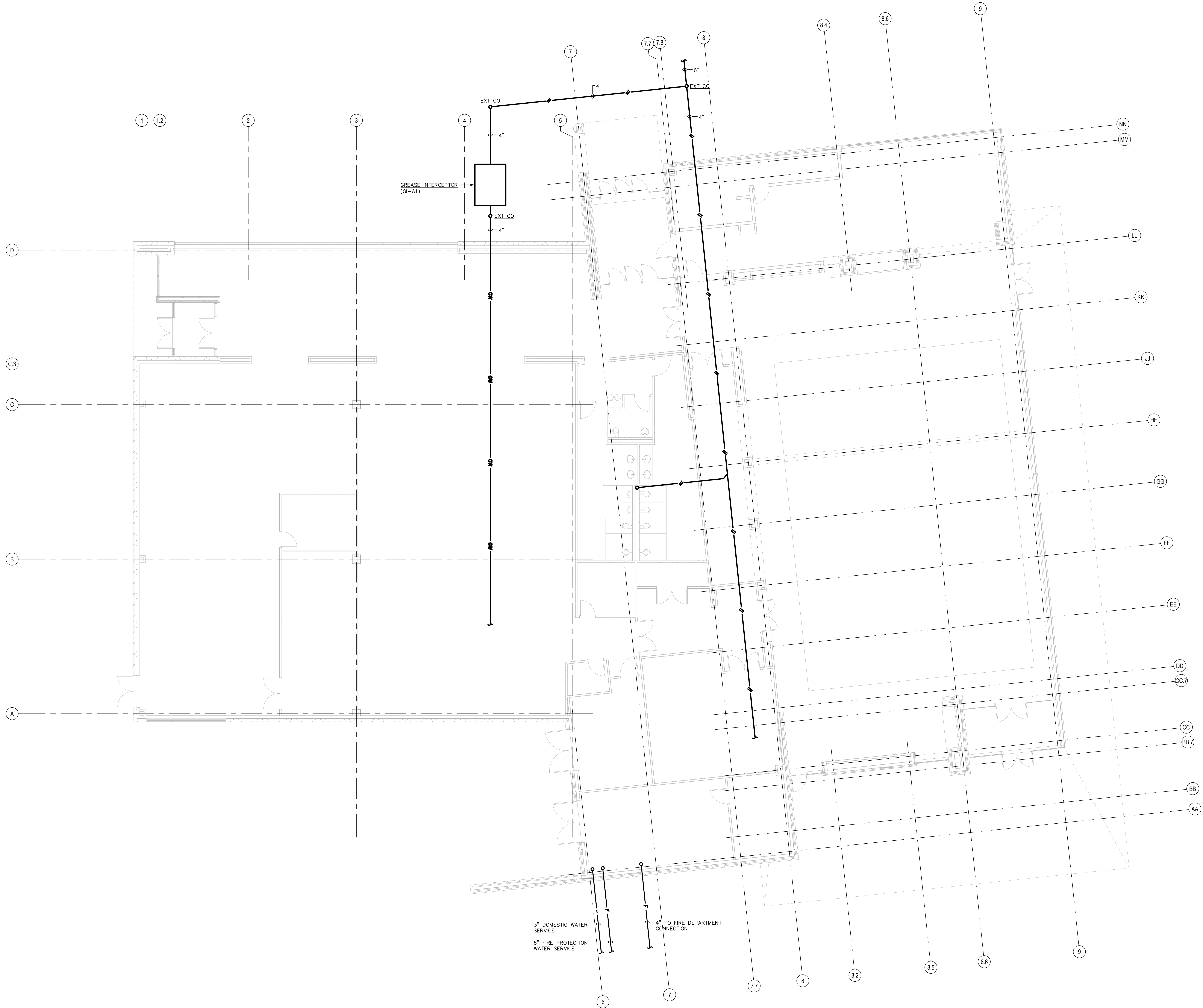


COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

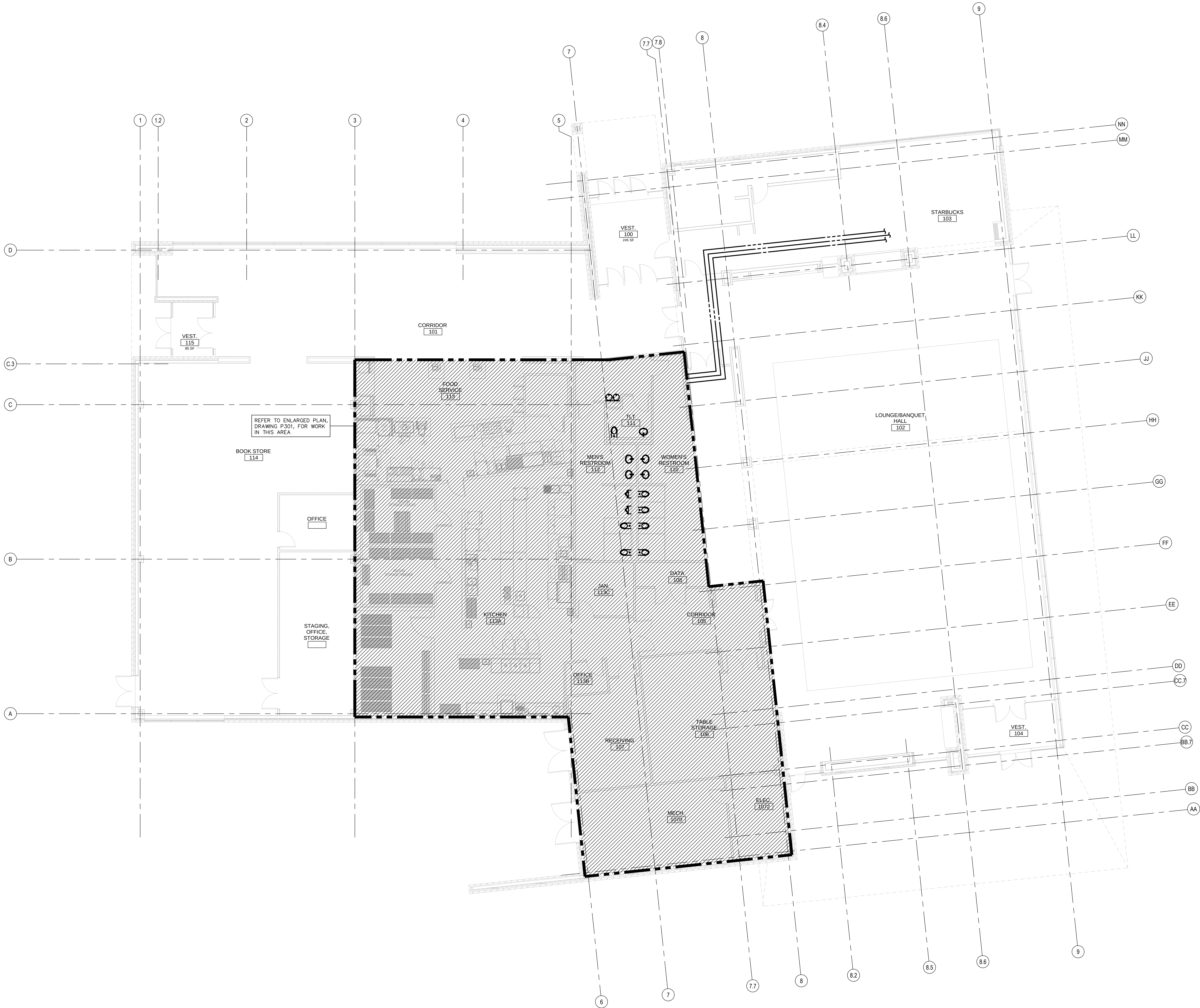
SHEET TITLE
**FOUNDATION
PLAN -
PLUMBING**

SHEET NUMBER

P-200



6/12/2013 8:05:25 AM



Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

REISSUE

CHECKED BY

WAE

APPROVED BY

DED

PROJECT NO.
12103.000



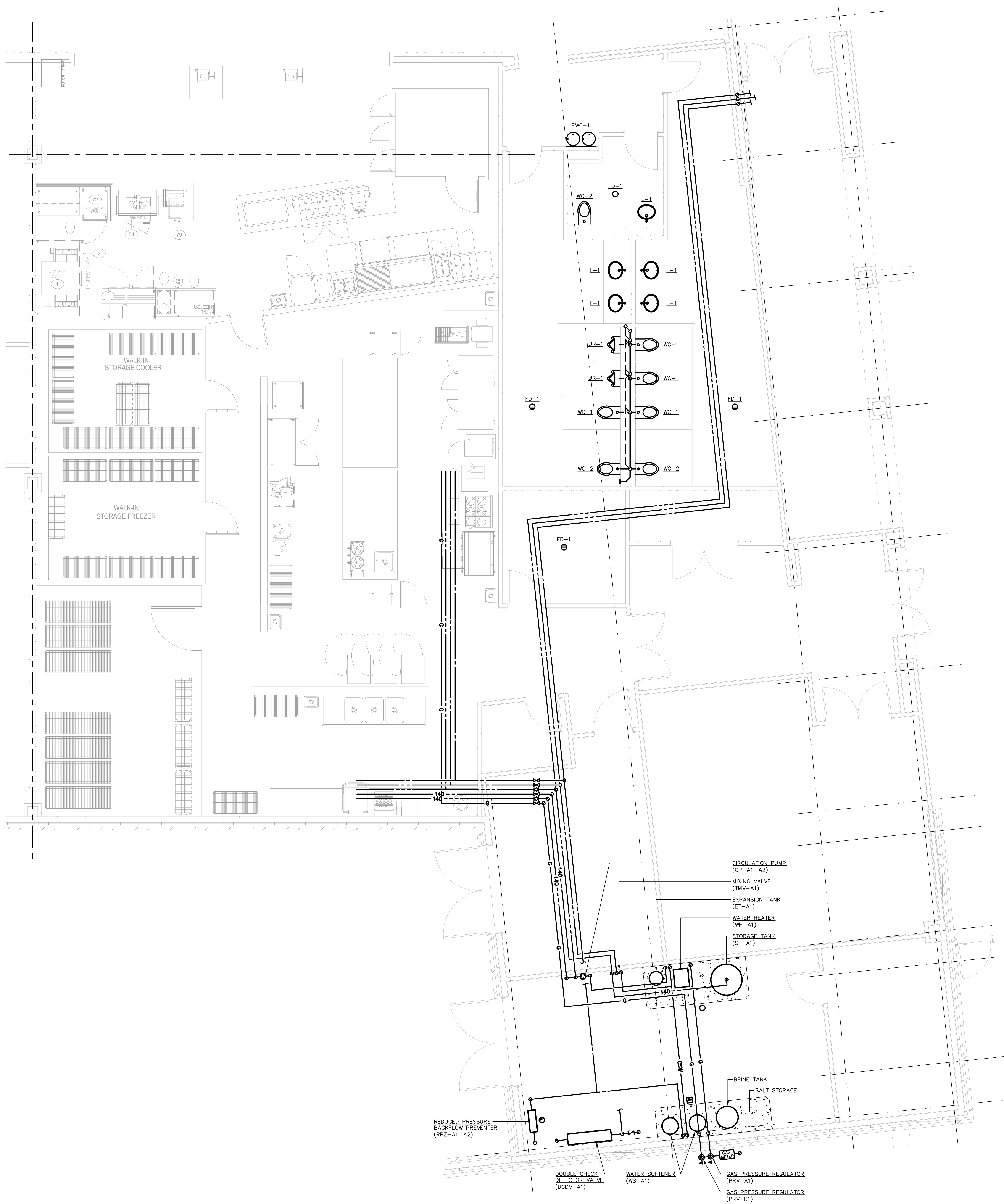
COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

SHEET TITLE
**FLOOR PLAN -
PLUMBING**

SHEET NUMBER

P-201

6/12/2013 8:05:25 AM



Marian University ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

REISSUE

CHECKED BY

WAE

APPROVED BY

DED

PROJECT NO.
12103.000



COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

SHEET TITLE

**ENLARGED PLAN -
PLUMBING**

SHEET NUMBER

P-301

FIXTURE ROUGH-IN SCHEDULE & MOUNTING HEIGHTS							
MARK NO.	FIXTURE DESCRIPTION	HW	CW	TRAP	W	V	MOUNTING HEIGHT
WC-1	WATER CLOSET – FLUSH VALVE	–	1"	INTEGRAL	4"	2"	15" TO SEAT
WC-2	WATER CLOSET – FLUSH VALVE, ADA	–	1"	INTEGRAL	4"	2"	17" TO SEAT
UR-1	URINAL – WALL HUNG, FLUSH VALVE	–	3/4"	INTEGRAL	2"	1 1/2"	24" TO RIM
UR-2	URINAL – WALL HUNG, FLUSH VALVE, ADA	–	3/4"	INTEGRAL	2"	1 1/2"	17" TO RIM
L-1	LAVATORY – ADA	1/2"	1/2"	1 1/4"	1 1/2"	1 1/2"	34" TO DECK
SK-1	SINK	1/2"	1/2"	1 1/2"	1 1/2"	1 1/2"	MOUNT SINK IN COUNTERTOP
MS-1	MOP SINK	3/4"	3/4"	3"	3"	2"	MOUNT FAUCET 36" ABOVE FINISHED FLOOR
EW-1	ELECTRIC WATER COOLER – HI/LO, ADA	–	1/2"	1 1/4"	1 1/2"	1 1/2"	42" (HIGH), 36" (LOW) TO BUBBLER
IMB-1	ICE MAKER BOX	–	1/2"	–	–	–	24"
HB-1	HOSE BIBB	–	3/4"	–	–	–	24"
HYD-1	WALL HYDRANT	–	3/4"	–	–	–	18" ABOVE ADJACENT GRADE
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–

CIRCUIT SETTER SCHEDULE			
MARK NO.	FLOW RATE (GPM)	QUANTITY	SUB-TOTAL (GPM)
–	–	–	–
–	–	–	–
–	–	–	–
–	–	–	–
–	–	–	–
TOTAL		–	–

WATER HAMMER ARRESTER SCHEDULE						
TYPE	I.P.S.	F.U. RATING	J.R. SMITH NO.	WADE NO.	ZURN NO.	REMARK
A	3/4"	1 – 11	5005	W-5	100	P.D.J. CERTIFIED
B	1"	12 – 32	5010	W-10	200	P.D.J. CERTIFIED
C	1"	33 – 60	5020	W-20	300	P.D.J. CERTIFIED
D	1"	61 – 113	5030	W-50	400	P.D.J. CERTIFIED

PLUMBING EQUIPMENT SCHEDULE								
MARK NO.	SPECIFICATION NAME	MANUFACTURER & MODEL NO.	ELECTRICAL DATA			WT.	CAPACITY	REMARKS
			LOAD	VOLTS	PHASE			
WH-A	GAS FIRED WATER HEATER	LOCHINVAR AWW286PM	4.5 A	120	1	235	339 GPH RECOVERY AT 100' RISE, 285,000 BTUH	–
ST-A	STORAGE TANK	LOCHINVAR RGA0257	–	–	–	904	257 GALLONS STORAGE	–
WS-A	WATER SOFTENER	AQUA SYSTEMS 2850-300	–	–	–	–	90,000 GR AT 15#/CF, 60,000 GR AT 5#/CF, 30 GPM AT 15 PSI, 41 GPM AT 25 PSI, 3.0 CF MEDIA	–
TMV-A	THERMOSTATIC MIXING VALVE	LAWLER 802	–	–	–	–	30 GPM AT 10 PSI PRESSURE DROP (MAX), 2 GPM (MIN)	–
CP-A	CIRCULATION PUMP	TACO 113-B	1/8 HP	120	1	27	–	–
ET-A	EXPANSION TANK	AMTROL ST-25V	–	–	–	23	10.3 GALLONS TANK VOLUME	–
RP2-A	REDUCED PRESSURE BACKFLOW PREVENTER	WATTS 909M1-QT-S-1 1/2"	–	–	–	44	40 GPM AT 8 PSI PRESSURE DROP (MAX)	–
PRV-A	GAS PRESSURE REDUCING VALVE	–	–	–	–	–	–	–
PRV-B	GAS PRESSURE REDUCING VALVE	–	–	–	–	–	–	–
GI-A	GREASE INTERCEPTOR	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
NOTE: REDUCERS REQUIRED FOR EQUIPMENT CONNECTIONS SHALL BE LOCATED AS CLOSE AS POSSIBLE TO EQUIPMENT.								

KITCHEN EQUIPMENT ROUGH-IN SCHEDULE									
MARK NO.	EQUIPMENT	CW	HW	140" HW	WASTE	VENT	GAS DATA		NOTES
							SIZE	LOAD (BTUH)	
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
NOTE: UNLESS OTHERWISE INDICATED, KITCHEN EQUIPMENT TO BE FURNISHED AND INSTALLED BY KITCHEN EQUIPMENT CONTRACTOR. MECHANICAL CONTRACTOR TO BE RESPONSIBLE FOR ROUGH-INS AND FINAL CONNECTIONS.									

Marian University
ALUMNI HALL
3200 Cold Springs Rd
Indianapolis, Indiana 46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

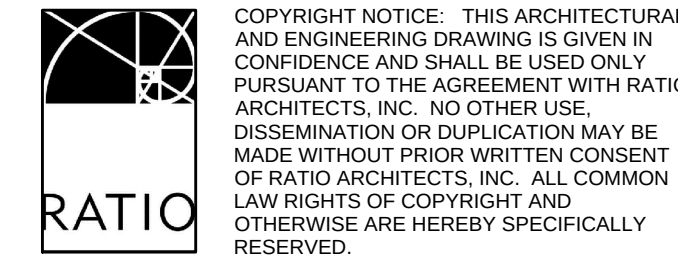
Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer
Snelling Engineering, LLC
13395 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

REISSUE

CHECKED BY
WAE
APPROVED BY
DED
PROJECT NO.
12103.000



SHEET TITLE
SCHEDULES -
PLUMBING

SHEET NUMBER
P-601

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

RENOVATION LEGEND:

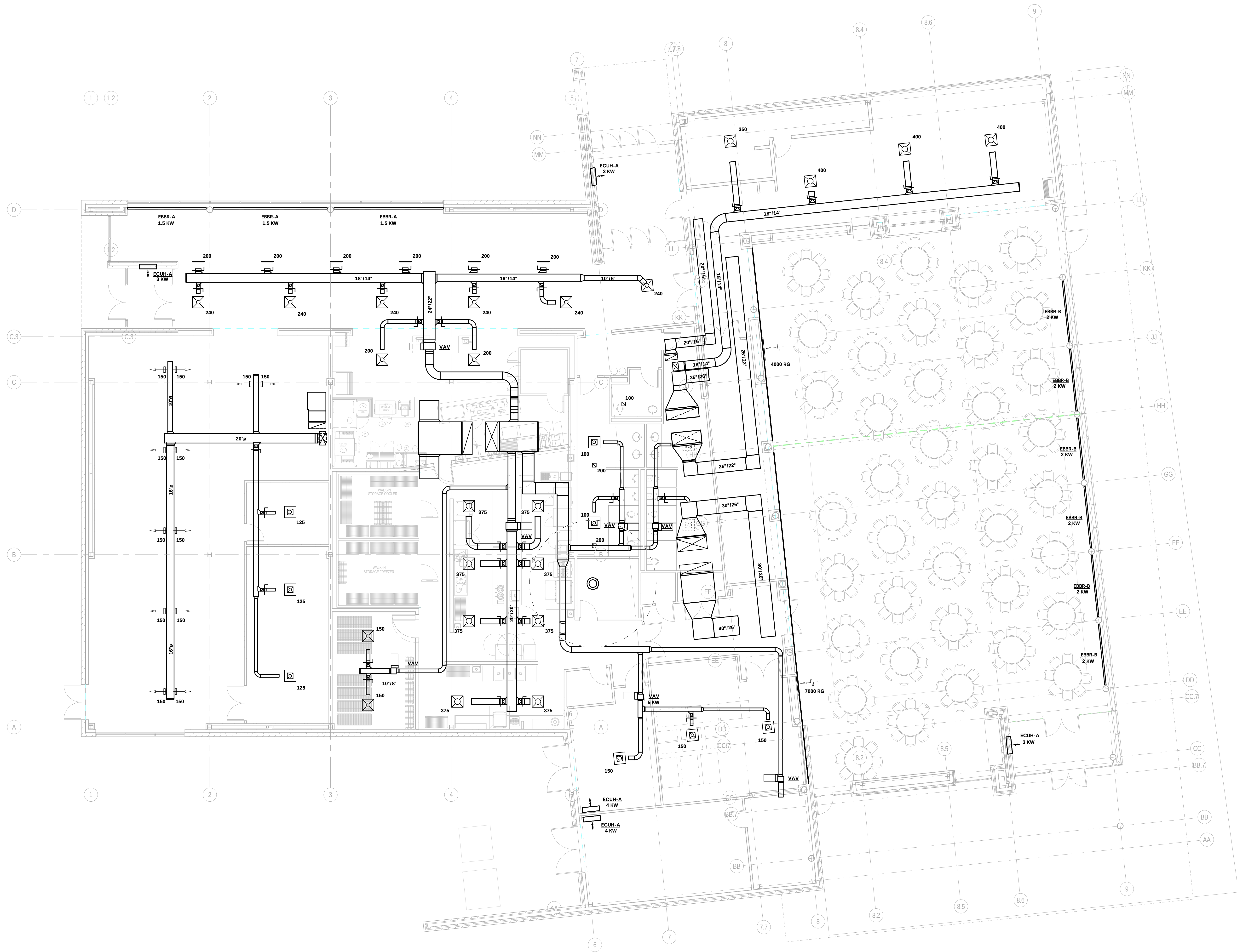
- WORK TO BE INSTALLED
WORK TO REMAIN

GENERAL NOTES:

1. SEE M001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. RETURN AIR DUCTWORK TO BE INTERNALLY LINED WITH 1" ACOUSTICAL DUCT LINER.
2. LINEAR BAR SUPPLY GRILLE LIKE TITUS CT-481, 6" HIGH WITH INSULATED PLENUM BOX.
3. 48/48 RETURN GRILLE LIKE TITUS 3502R.



FIRST FLOOR PLAN - MECHANICAL

SCALE: 1/8" = 1'-0"

REISSUE

CHECKED BY
MJE

APPROVED BY
MJE

PROJECT NO.
12103.000



RATIO

SHEET TITLE
FIRST FLOOR -
MECHANICAL

SHEET NUMBER

M-201

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFERENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

RENOVATION LEGEND:

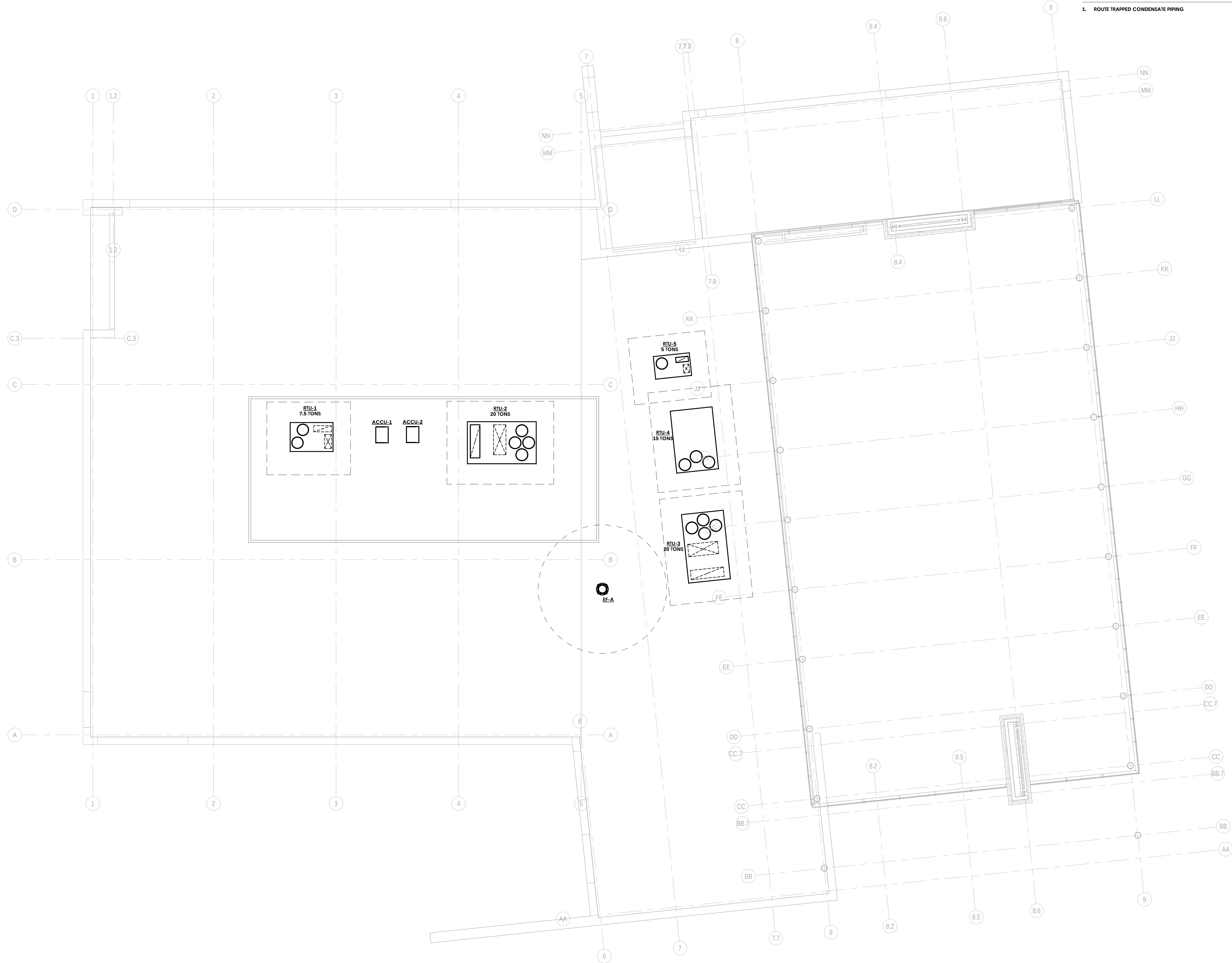
- WORK TO BE INSTALLED
WORK TO REMAIN

GENERAL NOTES:

- SEE M001 FOR ADDITIONAL GENERAL NOTES.
- MAINTAIN MANUFACTURER'S REQUIRED MAINTENANCE AND AIRFLOW CLEARANCES AROUND ROOFTOP UNITS. EXHAUST FANS SHALL BE LOCATED MINIMUM OF 1' FROM ALL RTU INTAKES.
- EXACT LOCATIONS OF RTUS TO BE COORDINATED WITH STRUCTURE. SEE S-SERIES DRAWINGS.

PLAN NOTES:

- ROUTE TRAPPED CONDENSATE PIPING



ROOF PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"
NORTH

REISSUE

CHECKED BY
MJE

APPROVED BY
MJE

PROJECT NO.
12103.000

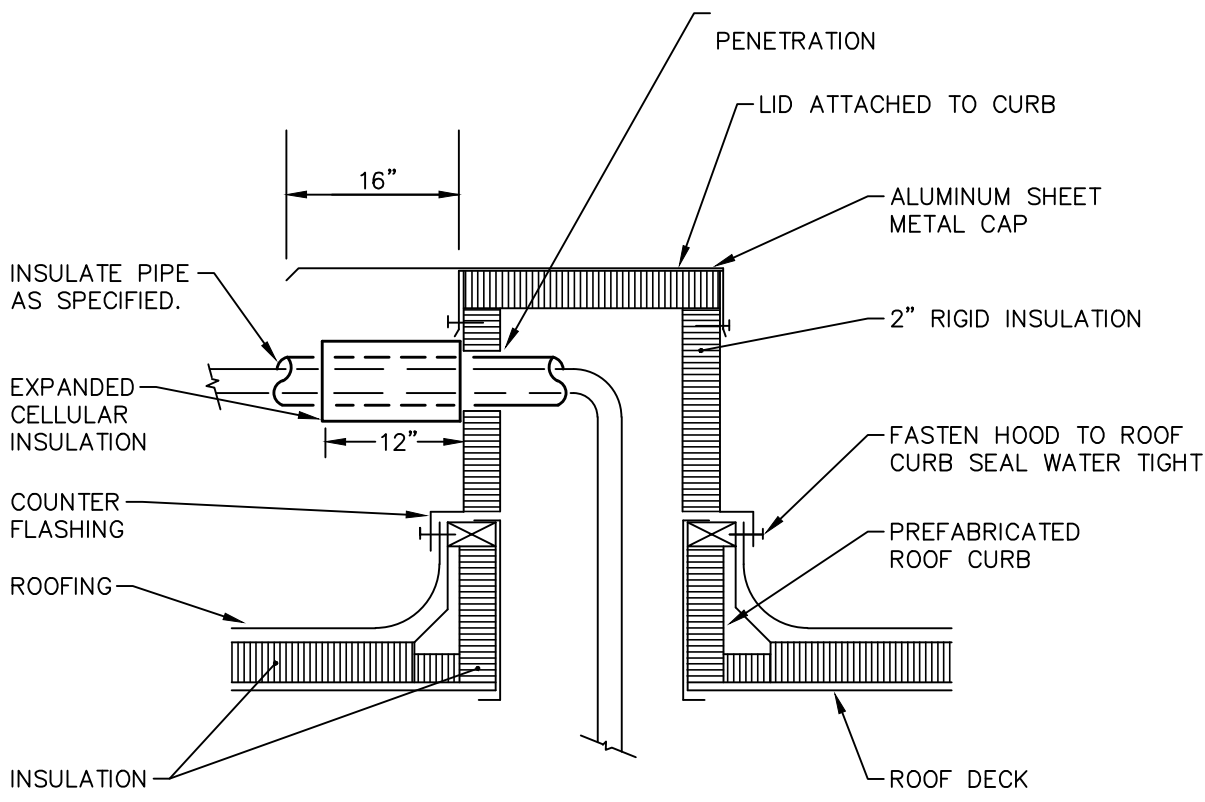
COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

RATIO

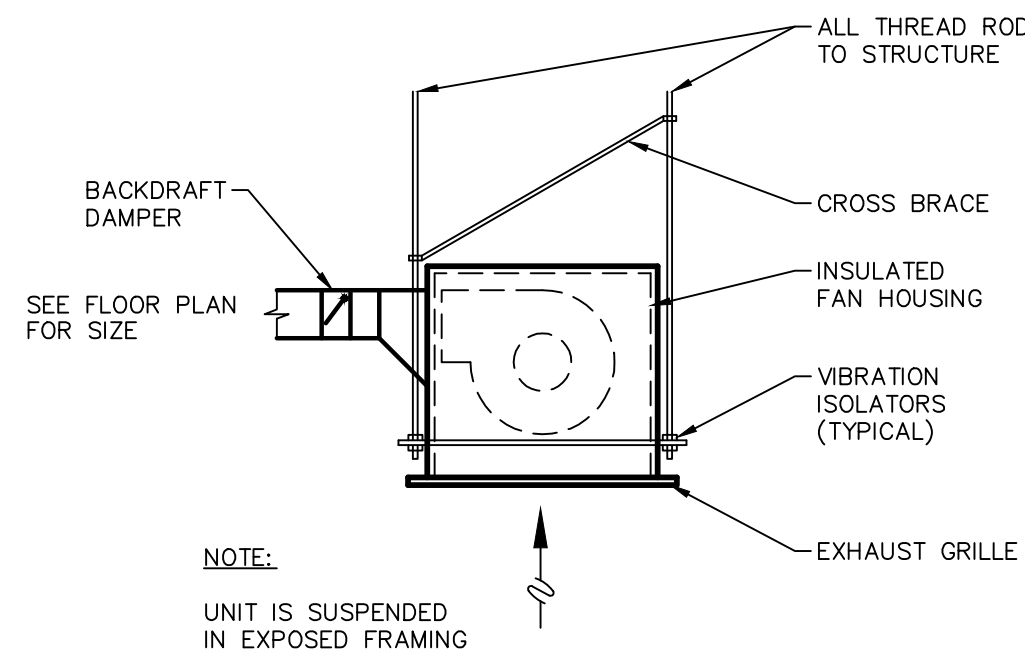
SHEET TITLE
**ROOF PLAN -
MECHANICAL**

SHEET NUMBER

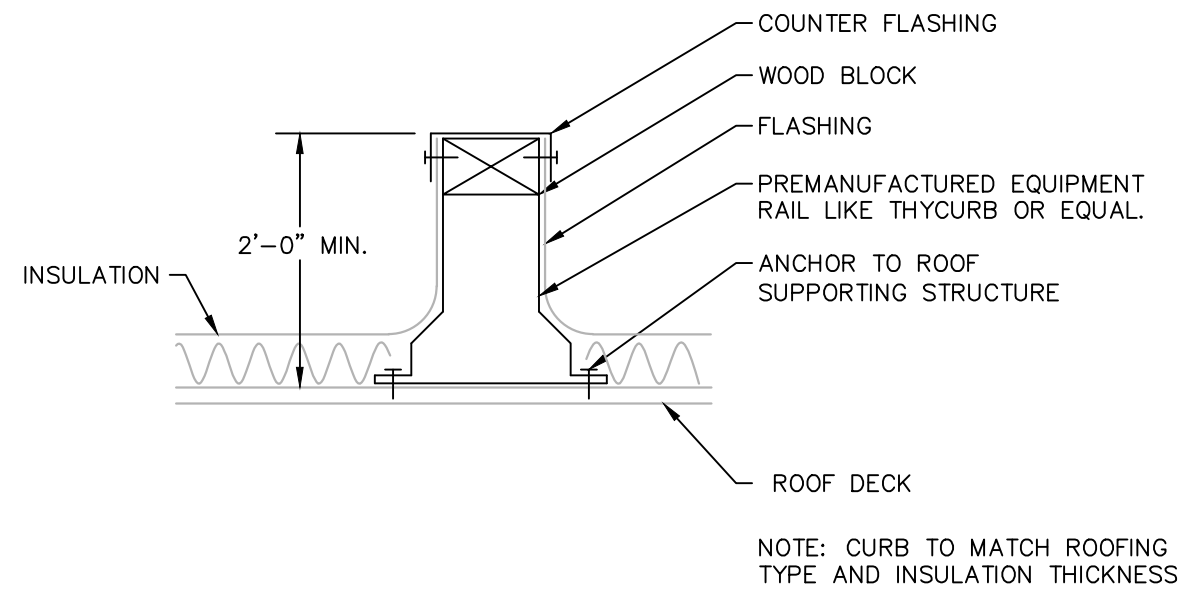
M-220



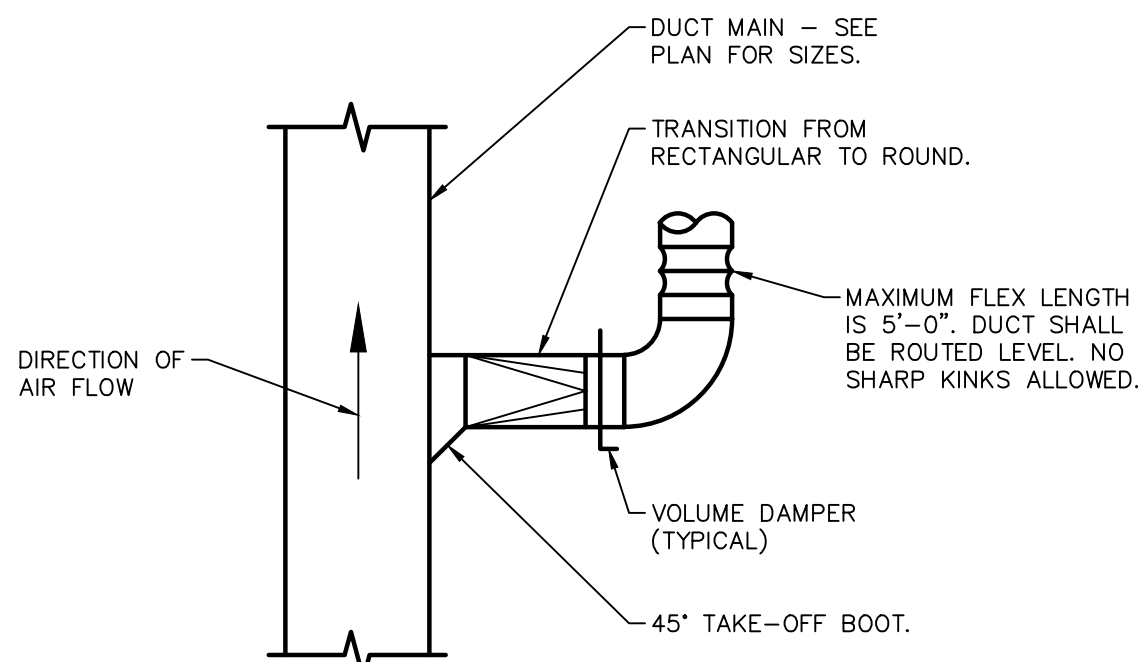
DETAIL 'D'
PIPE ENTRY ROOF CURB DETAIL
NO SCALE



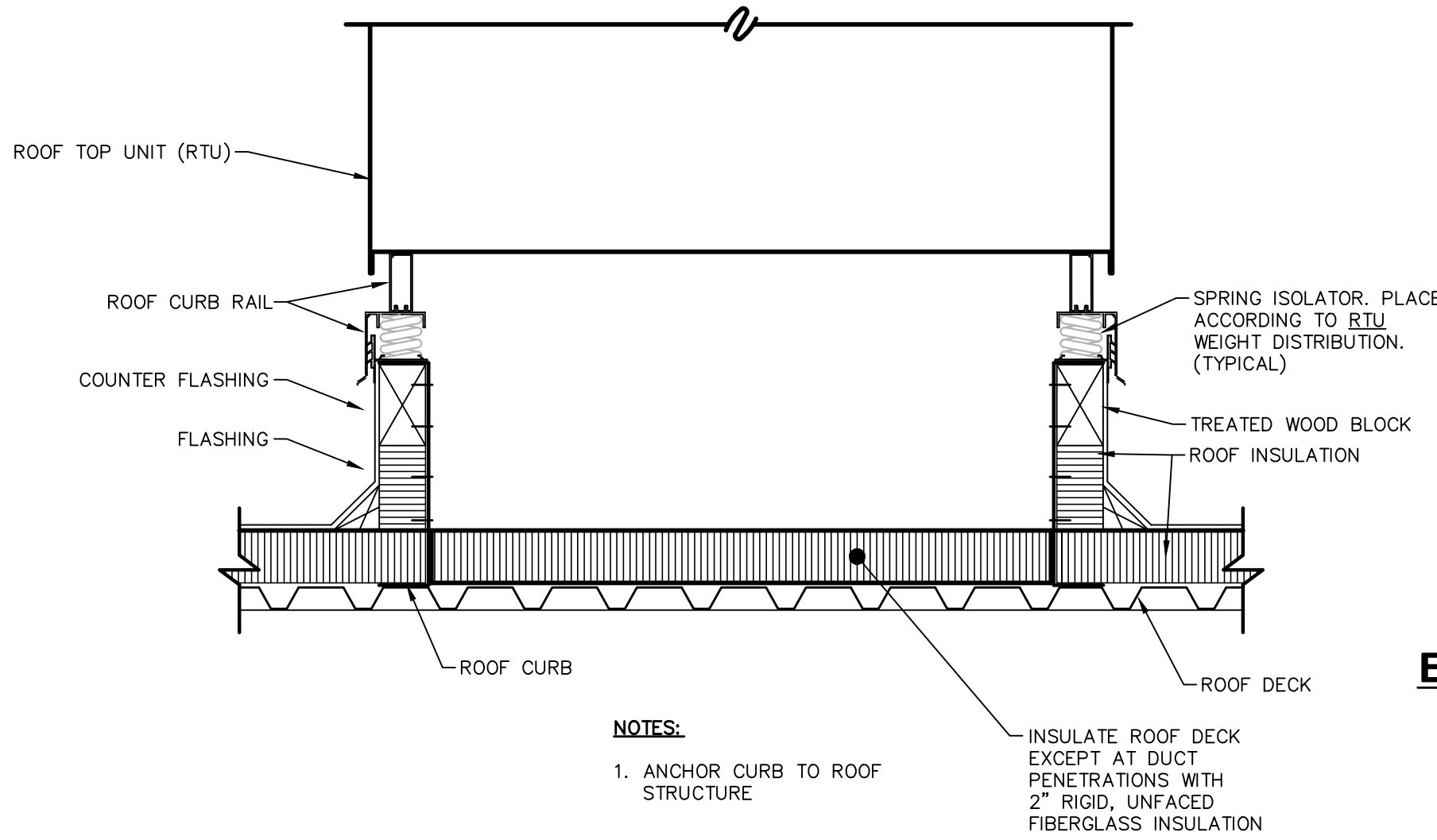
DETAIL 'C'
ABOVE CEILING EXHAUST FAN DETAIL
NO SCALE



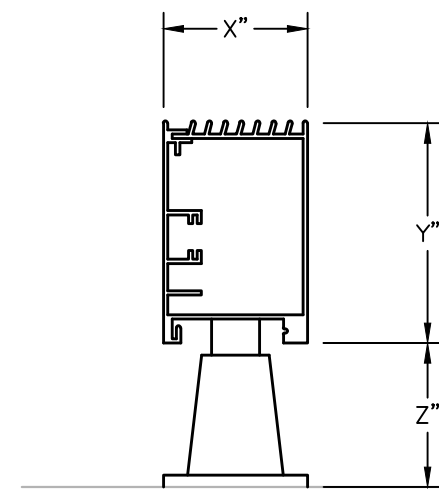
DETAIL 'B'
TYPICAL EQUIPMENT SUPPORT RAIL
NO SCALE



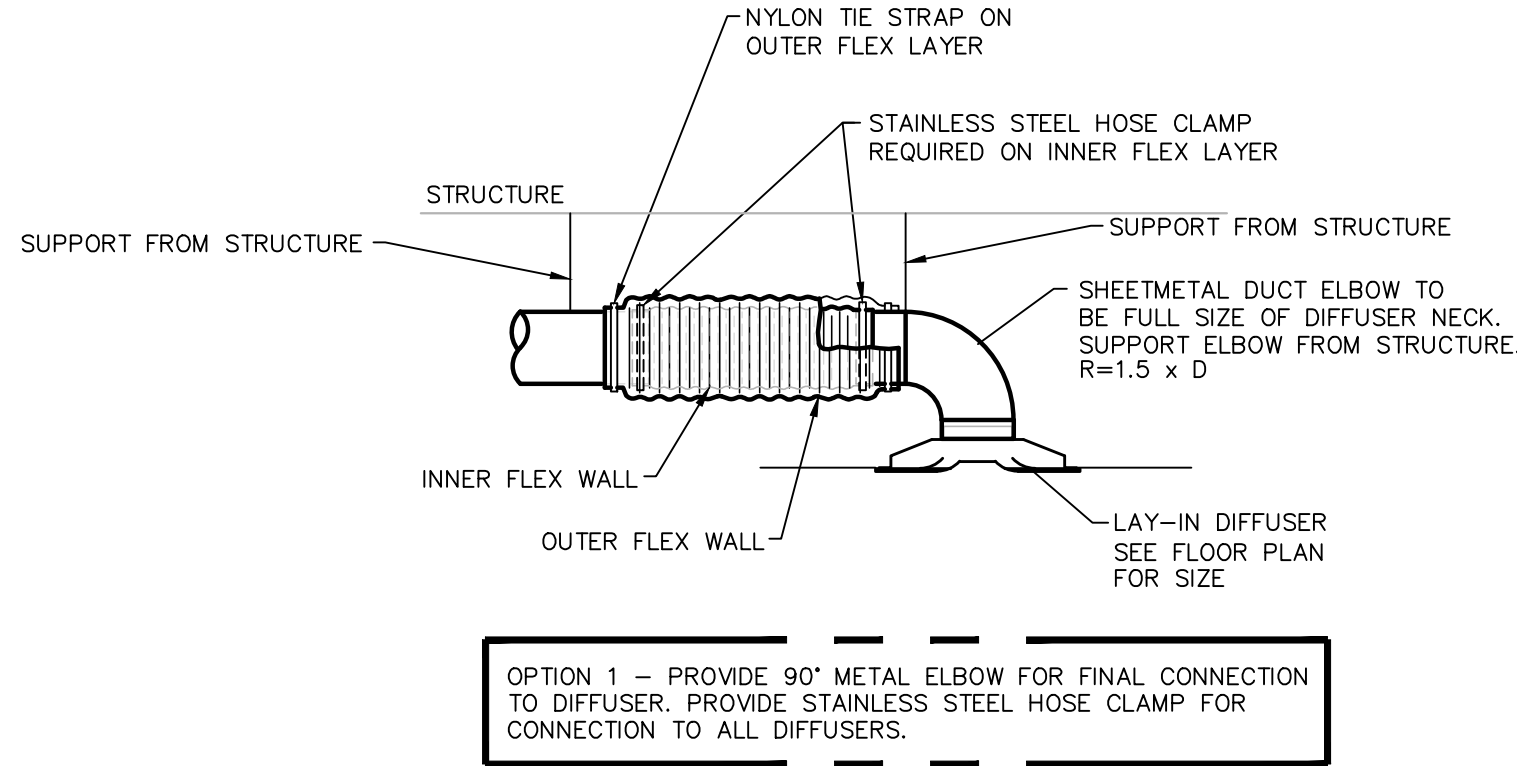
DETAIL 'A'
BRANCH DUCT TAKE-OFF FROM MAIN DUCT DETAIL
NO SCALE



DETAIL 'G'
ROOF ISOLATION CURB
NO SCALE



DETAIL 'F'
ELECTRIC BASE BOARD RADIATION PEDESTAL MOUNTED
NO SCALE



DETAIL 'E'
CONNECTION TO DIFFUSER
NO SCALE

Marian University ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

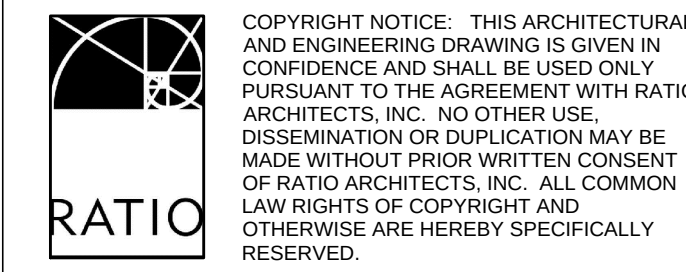
Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

REISSUE

CHECKED BY
B.E.

APPROVED BY
J.H.

PROJECT NO.
12103.000



SHEET TITLE
DETAILS - MECHANICAL

SHEET NUMBER
M-401

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
 732 North Capitol Avenue
 Indianapolis, Indiana 46204
 (317) 634-4672
 OA# 13062

VARIABLE AIR VOLUME BOX WITH ELECTRIC HEAT COIL SCHEDULE														
MARK NO.	SPECIFICATION NAME	MANUFACTURER AND MODEL NO.	CLG CFM RANGE	INLET DIA INCHES	MAX. ΔP THRU VALVE @ MAX. CFM (IN H ₂ O)	ELECTRIC HEATING DATA								REMARKS
						CFM	MIN MBH	EAT °F	LAT °F	KW	VOLTS	PH	MAX. APD (IN)	
VAV-A	VAV WITH ELECTRIC HEAT	TITUS MODEL DESV SIZE 05	80-200	5"ø	.2"	-	-	60°F	90°F	-	208	3	-	ALL BOXES TO BE DUAL WALL
VAV-B	VAV WITH ELECTRIC HEAT	TITUS MODEL DESV SIZE 06	205-380	6"ø	.2"	-	-	60°F	90°F	-	208	3	-	
VAV-C	VAV WITH ELECTRIC HEAT	TITUS MODEL DESV SIZE 08	385-640	8"ø	.2"	-	-	60°F	90°F	-	208	3	-	
VAV-D	VAV WITH ELECTRIC HEAT	TITUS MODEL DESV SIZE 10	645-1000	10"ø	.2"	-	-	60°F	90°F	-	208	3	-	
VAV-E	VAV WITH ELECTRIC HEAT	TITUS MODEL DESV SIZE 12	1005-1450	12"ø	.2"	-	-	60°F	90°F	-	208	3	-	
VAV-F	VAV WITH ELECTRIC HEAT	TITUS MODEL DESV SIZE 14	1455-1850	14"ø	.2"	-	-	60°F	90°F	-	208	3	-	
VAV-G	VAV WITH ELECTRIC HEAT	TITUS MODEL DESV SIZE 16	1855-2500	16"ø	.2"	-	-	60°F	90°F	-	208	3	-	

[illegible]

MARK NO.	NOMINAL GRILLE SIZE	MAX. N.C.	MAX. ΔP	CFM RANGE	REMARKS
0 – 220	8/8	25	.1	0 – 220	
225 – 450	12/12	25	.1	225 – 450	
455 – 800	16/16	25	.1	455 – 800	
805 – 1050	20/20	25	.1	805 – 1050	
1055 – 1400	24/24	25	.1	1055 – 1400	

1200 ER
 ER - EXHAUST REGISTER
 R - RETURN REGISTER
 ACTUAL CFM
 MARK NO.

MISCELLANEOUS EQUIPMENT SCHEDULE								
MARK NO.	DRAWING NAME AND/OR PURPOSE	SPECIFICATION NAME	MANUFACTURER AND MODEL NO.	ELECTRICAL DATA			WT.	REMARKS
				HP / KW	VOLT	PH.		
ECUH--A	MISCELLANEOUS HEAT	ELECTRIC CABINET UNIT HEATER	MARLEL --	3 KW	208	3	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--



COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

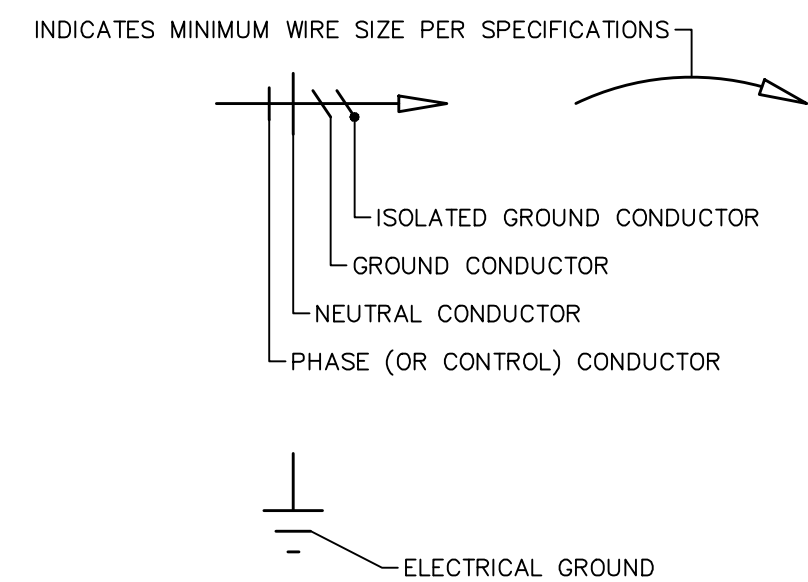
SHEET NUMBER

M-601

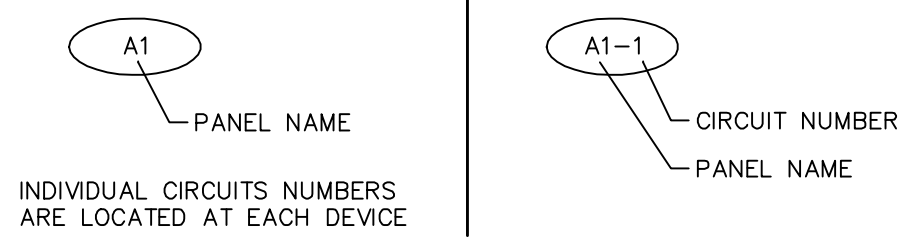
ELECTRICAL ABBREVIATIONS

A	AMPERE	HPS	HIGH PRESSURE SODIUM
A/C	AIR-CONDITIONING	HR	HOUR
AC	ALTERNATING CURRENT; ARMORED CABLE	HRS/DAY	HOURS PER DAY
ADJ	ADJUSTABLE	HSC	HIGH SHORT CIRCUIT
AF	AMPERE FUSE; AMPERE FRAME	HT	HEIGHT
AFT	ABOVE FINISHED FLOOR	HTG	HEATING
AFG	ABOVE FINISHED GRADE	HTRS	HEATERS
AHU	AIR HANDLING UNIT	HV	HIGHT VOLTAGE
AIC	AMPERE INTERRUPTING CAPACITY	HVAC	HEATING, VENTILATION & AIR-CONDITIONING
AL	ALUMINUM	HW	HOT WATER; HEAVY WALL
ALT	ALTERNATE	HW	HEATING WATER PUMP
ALUM	ALUMINUM	HWP	HYDRAULIC
AMP	AMPERE	HYD	HERTZ
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	HZ	HERTZ
AP	ACCESS PANEL	IC	INTERRUPTING CAPACITY
APPROX	APPROXIMATE	ID	INSIDE DIAMETER
ARCH	ARCHITECT	IDF	INTERMEDIATE DISTRIBUTION FRAME
ASTM	ASYMMETRICAL	IEEE	INSTITUTE OF ELECTRICAL & ELECTRONICS ENGINEERS
AT	AMPERE TRIP	IF	INSIDE FROSTED
ATS	AUTOMATIC TRANSFER SWITCH	IG	ISOLATED GROUND
AUX	AUXILIARY	IMC	INTERMEDIATE METAL CONDUIT
AVG	AVERAGE	IMP	IMPEDANCE
AWG	AMERICAN WIRE GAUGE	IN	INCH
BATT	BATTERY	INCAND	INCANDESCENT
BD	BOARD	INCL	INCLUDED; INCLUDING
BFG	BELOW FINISHED GRADE	INST	INSTALLATION
BDDG	BUILDING	INSUL	INSULATION; INSULATED
BPS	BOLTED PRESSURE SWITCH	INT	INTERIOR; INTERNAL
BR	BRANCH	INV EL	INVERT ELEVATION
BRKR	BREAKER	IS	INSTANT START
C	CONDUIT; CENTIGRADE	J	JOULE; JUNCTION
C/C	CENTER TO CENTER	JB	JUNCTION BOX
CAB	CABINET	J-BOX	JUNCTION BOX
CAP	CAPACITY	K	THOUSAND
CB	CIRCUIT BREAKER	KCMIL	THOUSAND CIRCULAR MILS
CCTV	CLOSED CIRCUIT TELEVISION	KEC	KITCHEN EQUIPMENT CONTRACTOR
CD	CANDELA; CLOTHES DRYER	KHZ	KILOHERTZ
CF	CUBIC FEET; COMPACT FLUORESCENT	KK	KIRK KEY
CHK	CHILLED WATER	KP	KEYPAD
CHWP	CHILLED WATER PUMP	KV	KILOVOLT
CP	CAST IN PLACE	KVA	KILOVOLT AMPERE
CIR	CIRCUIT	KVAR	KILOVOLT AMPERE REACTIVE
OKT	CIRCUIT	KW	KILOWATT
CLF	CURRENT LIMITING FUSE	KWH	KILOWATT-HOUR
CLG	COOLING; CEILING	L	LENGTH; LONG
CM	CONSTRUCTION MANAGER	LABOR	LABORATORY
CMU	CONCRETE MASONRY UNIT	LB	POUND; LB CONDUIT BODY
CO	CENTRAL OFFICE	LEC	LABORATORY EQUIPMENT COMPANY (CONTRACTOR)
COGB	CENTRAL OFFICE GROUND BAR	LED	LIGHT EMITTING DIODE
COL	COLUMN	LF	LONG; LENGTH; LARGE
COMB	COMBINATION	LG	LAMP LUMEN DEPRECIATION
COMPR	COMPRESSOR	LM	LUMEN
CONC	CONCRETE	LO	LOCKOUT
COND	CONDENSATE; CONDUCTOR	LP	LIGHTING PANEL
CONT	CONTINUOUS; CONTINUED; CONTRACTOR	LPF	LOW POWER START
CP	CONTROL PANEL	LRA	LOCKED ROTOR AMPS
CPT	CONTROL POWER TRANSFORMER	LT	LIGHT; LIQUID-TIGHT
CSAC	CENTRAL STATION AIR CONDITIONER	LTO	LIGHTING
CT	CURRENT TRANSFORMER	LTR	LETTER
CU	COPPER; CUBIC	LV	LOW VOLTAGE
CU FT	CUBIC FOOT	M	THOUSAND; MATERIAL; MECHANICAL; METER
CJH	CABINET UNIT HEATER	MA	MILLIAMPERE
CW	COOL WHITE; COLD WATER; CLOTHES WASHER	MACH	MACHINE
CY	CUBIC YARD	MAO STR	MAGNETIC STARTER
CYL	CYLINDER	MAINT	MAINTENANCE
D	DEEP; DEPTH; DISCHARGE	MAN	MANUAL
DB	DECEBEL; DIRECT BURIED	MAT	MATERIAL
DC	DIRECT CURRENT	MATV	MASTER ANTENNA TELEVISION
DDC	DIRECT DIGITAL CONTROL	MAX	MAXIMUM
DF	DRINKING FOUNTAIN	MC	METAL CLAD CABLE; MECHANICAL CONTRACTOR; MOTOR CONTROLLER
DHW	DOMESTIC HOT WATER	MCA	MINIMUM CIRCUIT AMPS
DIA	DIAMETER	MCB	MAIN CIRCUIT BREAKER
DIAO	DIAGONAL	MCC	MOTOR CONTROL CENTER
DIAM	DIAMETER	MCCB	MOLDED CASE CIRCUIT BREAKER
DIFF	DIFFUSER	MCM	THOUSAND CIRCULAR MILS
DISC	DISCONNECT	MCP	MOTOR CIRCUIT PROTECTOR
DIST	DISTRIBUTION	MCS	MOTOR CIRCUIT SWITCH
DN	DOWN	MDF	MAIN DISTRIBUTION FRAME
DPT	DUSTPROOF; DOUBLE POLE	MECH	MECHANICAL
DPST	DOUBLE POLE, DOUBLE THROW	MED	MEDIUM
DPST	DOUBLE POLE, SINGLE THROW	MFG	MANUFACTURING
DST	DUSTTIGHT; DOUBLE THROW	MFR	MANUFACTURER
DW	DISHWASHER	MH	MANHOLE; METAL HALIDE; MAN-HOUR
DWG	DRAWING	MHZ	MEGAHERTZ
DX	DIRECT EXPANSION	MI	MALLEABLE IRON; MINERAL INSULATED
E	EQUIPMENT ONLY; EAST; ELECTRICAL; EXISTING	MIC	MICROPHONE
EA	EACH	MIN	MINIMUM; MINUTE
EBBR	ELECTRIC BASEBOARD RADIATION	MISC	MISCELLANEOUS
EB	ELECTRONIC BALLAST	MLO	MAIN LUG ONLY
EC	ELECTRICAL CONTRACTOR	MO	MONTH
ECC	EQUIPMENT GROUNDING CONDUCTOR	MOBIL	MOBILIZATION
EFS	EXTERIOR INSULATION FINISH SYSTEM	MOCP	MAXIMUM OVERCURRENT PROTECTION
ELECT	ELECTRICIAN; ELECTRICAL; ELECTRONIC	MOG	MOGUL
ELEV	ELEVATOR; ELEVATION	MTD	MOUNTED
EM	EMERGENCY	MTG	MOUNTING
EMERG	EMERGENCY	MTS	MANUAL TRANSFER SWITCH
EMS	ENERGY MANAGEMENT SYSTEM	MULTI	MULTI; MULTIPLE
EMT	ELECTRICAL METALLIC TUBING	MV	MERCURY VAPOR; MEGAVOLT; MEDIUM VOLTAGE
ENCL	ENCLOSURE	MWA	MEGAVOLT AMPERES
ENG	ENGINE; ENGINEERED	MVAR	MEGAVOLT AMPERES REACTIVE
ENGINEER	ENGINEER	MW	MEGAWATT
EP	EXPLOSIONPROOF; ELECTRIC-PNEUMATIC	N	NORTH; NEW; NEUTRAL
EQUIP	EQUIPMENT	N/A	NOT AVAILABLE; NOT APPLICABLE
ER	EXISTING TO REMAIN	NA	NON-AUTOMATIC
ES	ENERGY SAVER	NAT	NATURAL
EST	ESTIMATED	NC	NORMALLY CLOSED
EW	ELECTRIC WATER COOLER	ND	NORMAL DUTY
EW	ELECTRIC WATER HEATER	NEC	NATIONAL ELECTRICAL CODE
EXCAV	EXCAVATION	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
EXIST	EXISTING	NF	NON-FUSED
EXH	EXHAUST	NFD	NON-FUSED DISCONNECT
EXP	EXPOSED	NIC	NOT IN CONTRACT
EXR	EXISTING RELOCATED	NL	NIGHT LIGHT
EXT	EXTERIOR	NM	NON-METALLIC SHEATHED CABLE
EXTG	EXISTING	NO	NUMBER; NORMALLY OPEN
F	FUSED; FAHRENHEIT	NTS	NOT TO SCALE
FA	FIRE ALARM	O&P	OVERHEAD AND PROFIT
FAAP	FIRE ALARM ANNUNCIATOR PANEL	OC	ON CENTER; OVERCURRENT
FACP	FIRE ALARM CONTROL PANEL	OD	OUTSIDE DIAMETER
FC	FOOT-CANDLE	ODS	OVERHEAD DISTRIBUTION SYSTEM
FCU	FAN COIL UNIT	OH	OVERHEAD
FD	FUSED DISCONNECT	QHD	OVERHEAD DOOR
FDR	FEDDER	OL	OVERLOAD
FEP	FLUORINATED ETHYLENE PROPYLENE	OPCP	OFFICE PRINCIPAL GROUND POINT
FFEC	FOODSERVICE FACILITIES EQUIPMENT CONTRACTOR	OS&Y	OUTSIDE SCREW AND YOKE
FIG	FIGURE	OZ	OUNCE
FIN	FINISHED	P	POLE; PULL
FIXT	FIXTURE	PA	PUBLIC ADDRESS
FLA	FULL LOAD AMPS	PB	PUSHBUTTON; PULL BOX
FLR	FLOOR	PC	POWER CONNECTOR; PHOTOCELL
FLUOR	FLUORESCENT	PD	PROTECTIVE DEVICE
FM	FREQUENCY MODULATION; FACTORY MUTUAL	PFE	PROFESSIONAL ENGINEER
FPM	FEET PER MINUTE	PF	POWER FACTOR
FR	FIRE RATING	PFCC	POWER FACTOR CORRECTION CAPACITOR
FT	FOOT; FEET	PH	PHASE
FTG	FITTING; FOOTING	PIV	PISTON INDICATOR VALVE
FURN	FURNISHED	PKG	PACKAGE
FVNR	FULL VOLTAGE NON-REVERSING	PL	PILOT LIGHT
G	GROUND	PLBG	PLUMBING
GA	GAUGE	PNL	PANELBOARD
GAL	GALLON	PR	PAIR
GALV	GALVANIZED	PRI	PRIMARY
GC	GENERAL CONTRACTOR	PSF	POUNDS PER SQUARE FOOT
GEN	GENERAL; GENERATOR	PSI	POUNDS PER SQUARE INCH
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	PSIG	POUNDS PER SQUARE INCH GAUGE
GFI	GROUND FAULT INTERRUPTER	PT	POTENTIAL TRANSFORMER
GFP	GROUND FAULT PROTECTOR	PU	PER UNIT
GND	GROUND	PVC	POLYVINYL CHLORIDE
GP	GENERAL PURPOSE	PWR	POWER
GPM	GALLONS PER MINUTE	QUAN	QUANTITY
GR	GROUND; GROUNDED	R	RESISTANCE; RELOCATED; RECESSED
GRS	GALVANIZED RIGID STEEL	RCS	RELAY CONTROL STATION
H	HIGH	REC	RECEIPT
HACR	HEATING, AIR CONDITIONING & REFRIGERATION	RECIRC	RECIRCULATING
HD	HEAVY DUTY	REF	REFERENCE; REFRIGERATED
HG	MERCURY	REQ'D	REQUIRED
HH	HAND HOLE	RET	RETURN
HIC	HIGH INTERRUPTING CAPACITY	RF	RETURN FAN
HIO	HIGH OUTPUT	RIS	RIGID GALVANIZED STEEL
HOA	HAND-OFF-AUTOMATIC	RLA	RUNNING LOAD AMPS
HORIZ	HORIZONTAL		
HP	HORSEPOWER; HIGH PRESSURE		
HPF	HIGH POWER FACTOR		

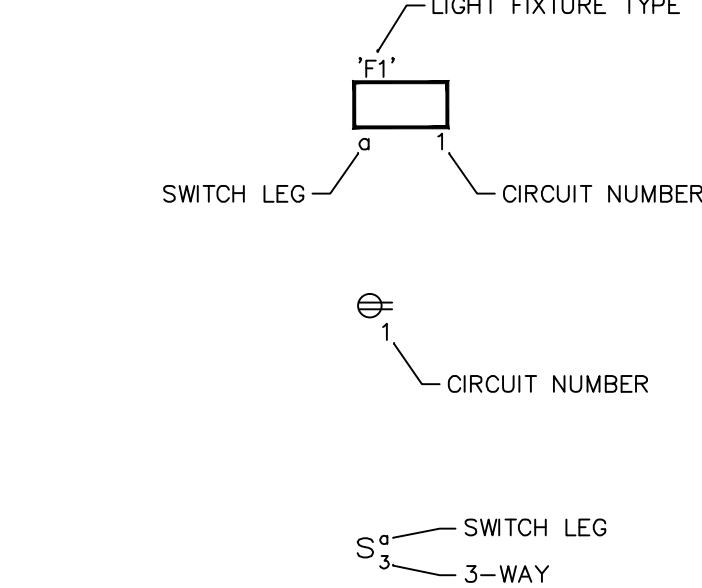
TYPICAL WIRING DESIGNATIONS



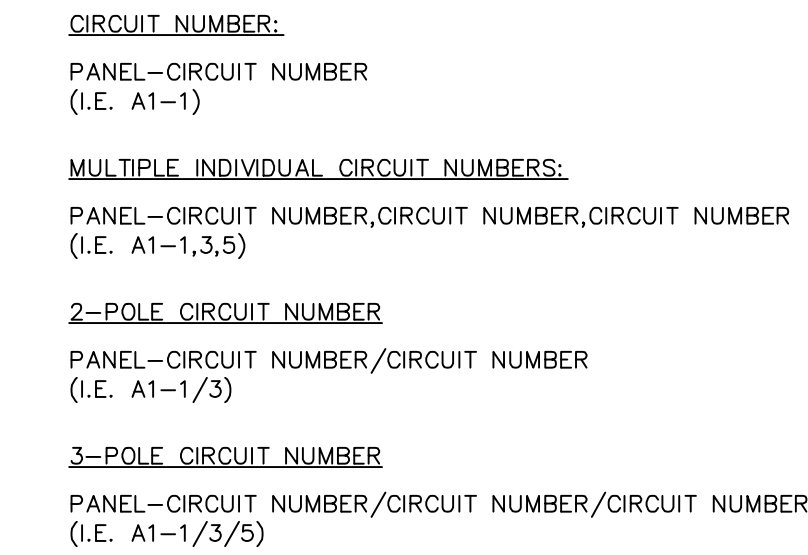
ROOM CIRCUIT DESIGNATIONS



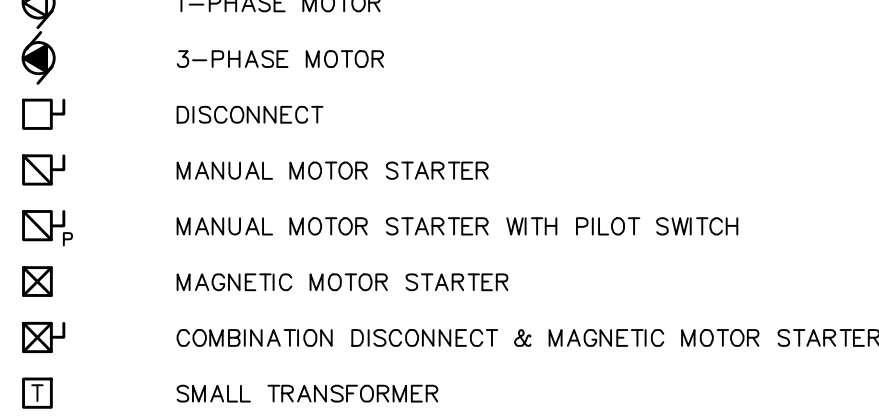
TYPICAL DEVICE DESIGNATIONS



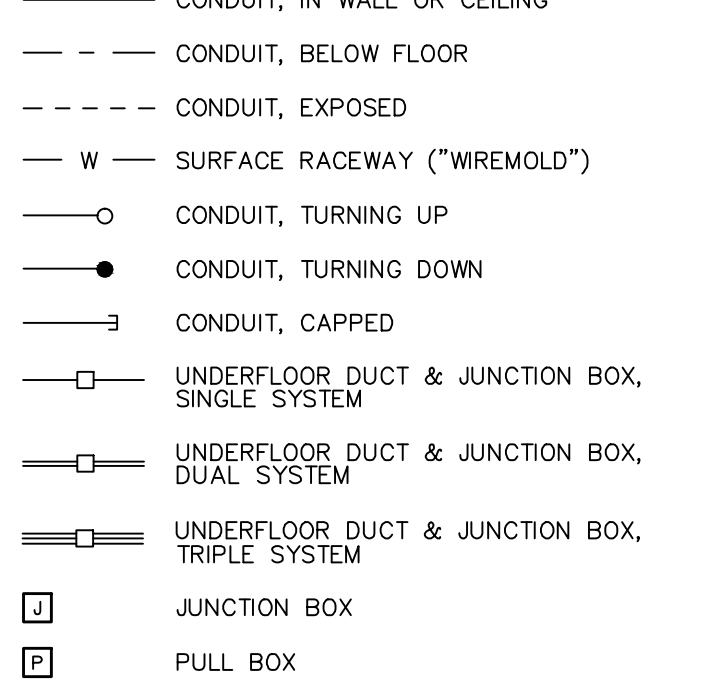
CIRCUIT DESCRIPTIONS



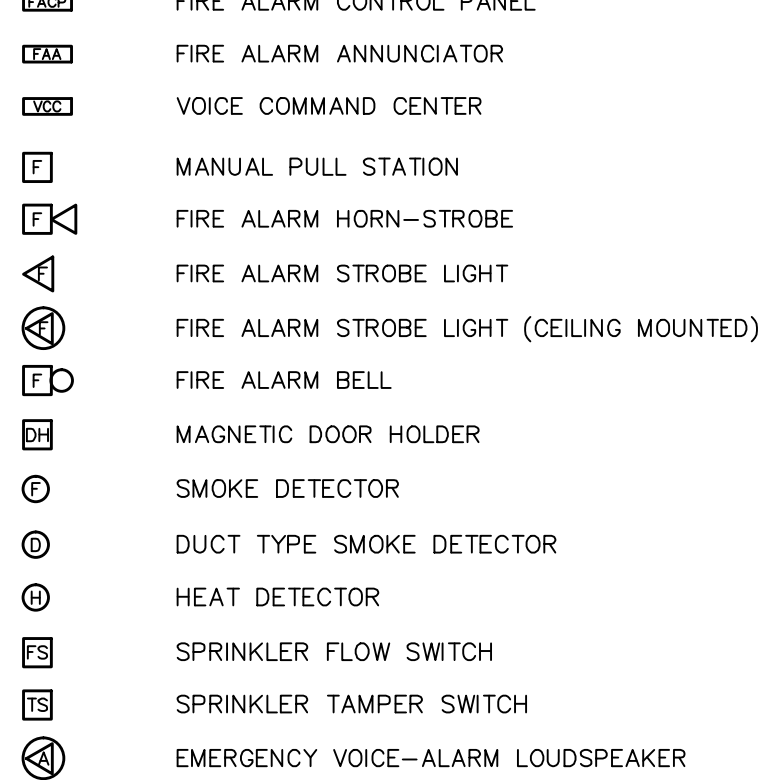
POWER EQUIPMENT



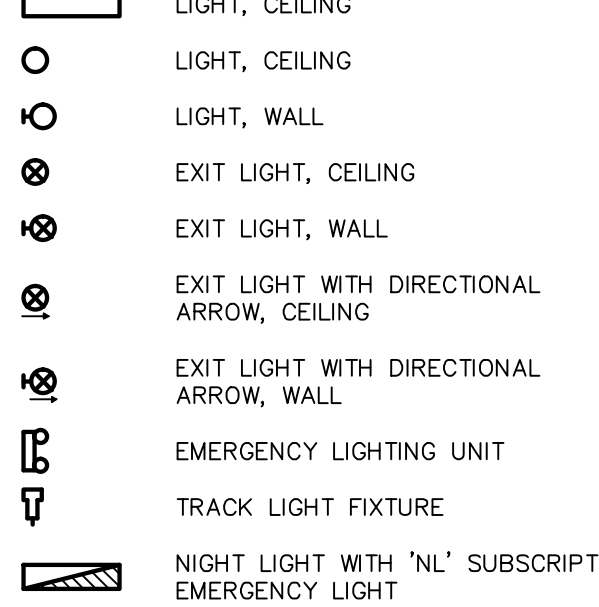
RACEWAYS



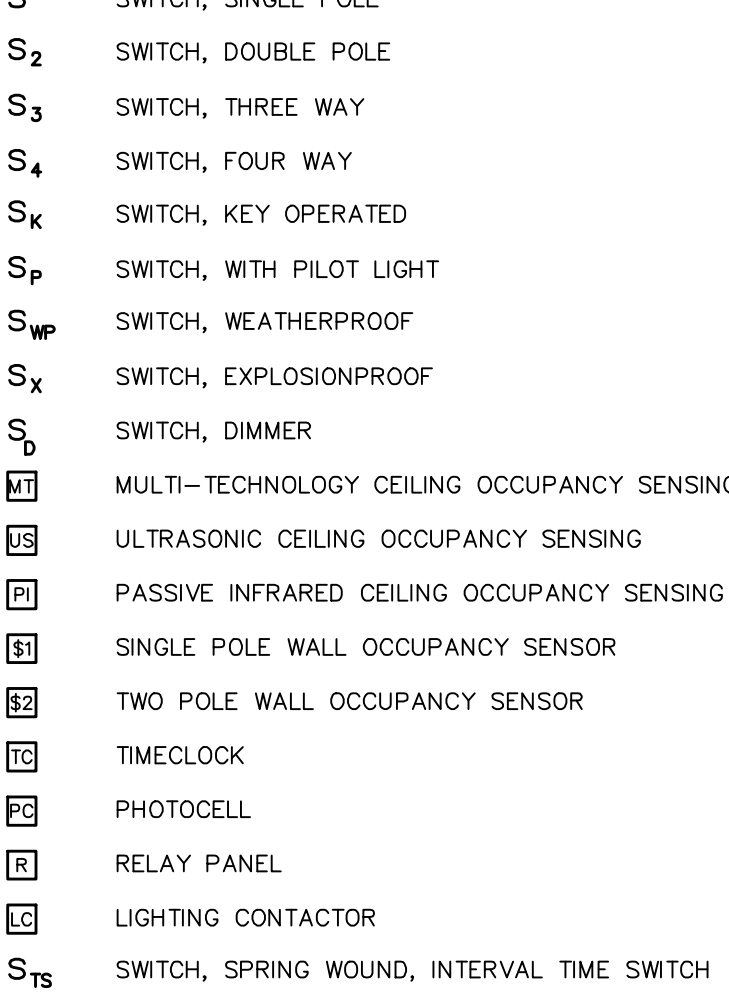
FIRE ALARM SYSTEMS



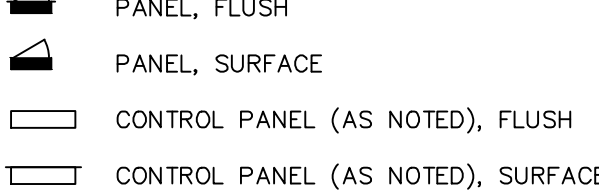
LIGHT FIXTURES



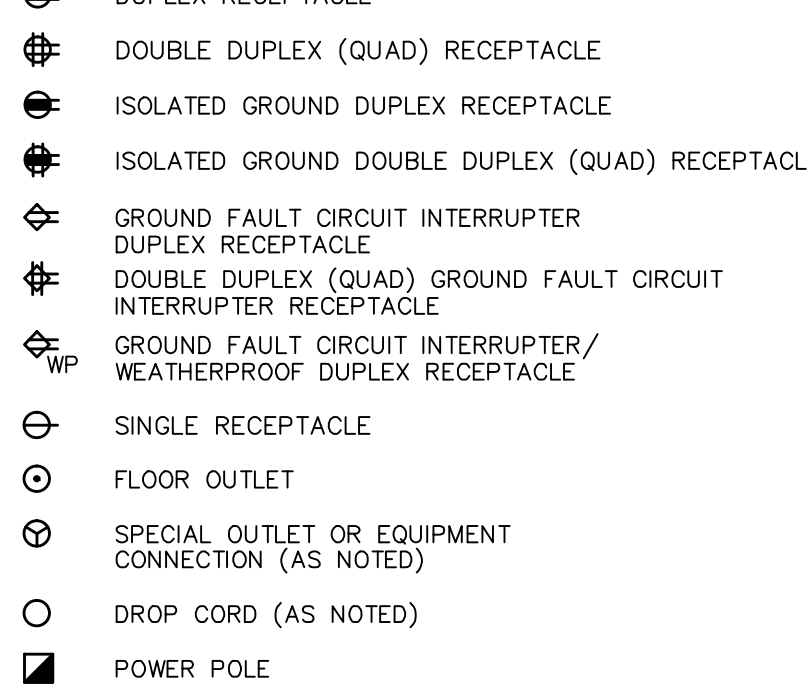
SWITCHES



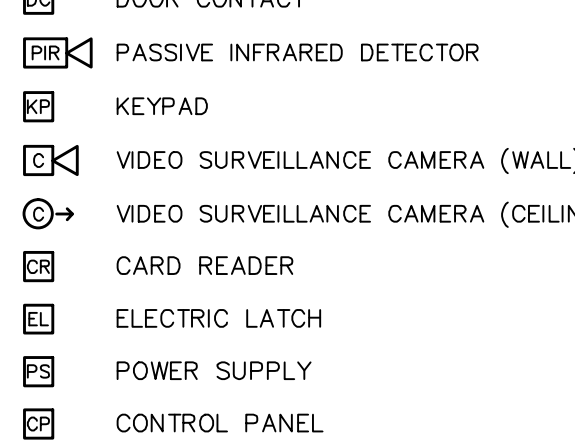
PANELS



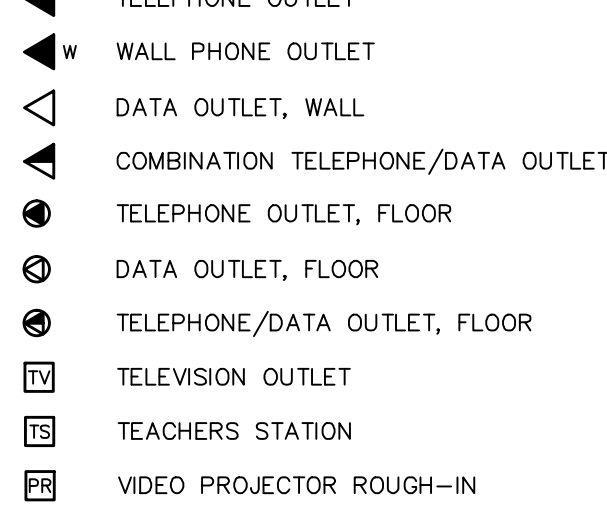
RECEPTACLES AND OUTLETS



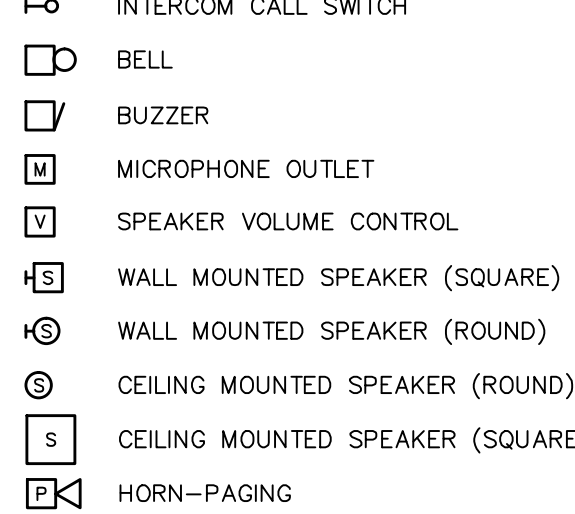
ELECTRONIC SECURITY



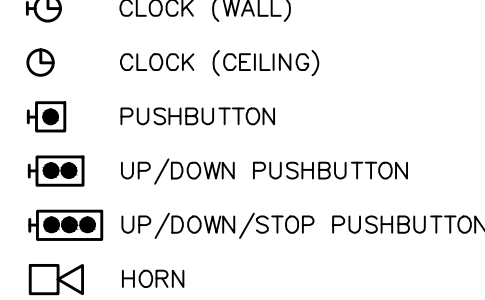
TECHNOLOGY



PUBLIC ADDRESS



MISCELLANEOUS



Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4049 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Diamond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DAF 13062

Civil Engineer

Snelling Engineering, LLC
13295 Wilcox Street
Suite 142
Carmel, Indiana 46032
(317) 832-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

TEH

APPROVED BY

TEH

PROJECT NO.

12103.000

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

RATIO

SHEET TITLE

**SYMBOLS &
ABBREVIATIONS
- ELECTRICAL &
TECHNOLOGY**

SHEET NUMBER

ET-001

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

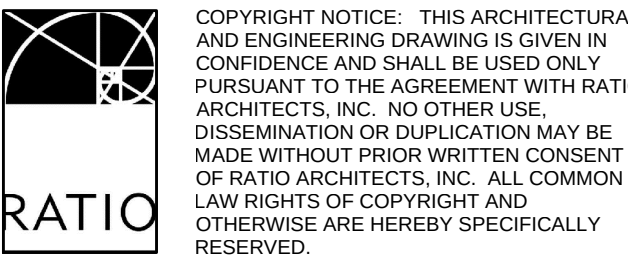
NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY
TEH

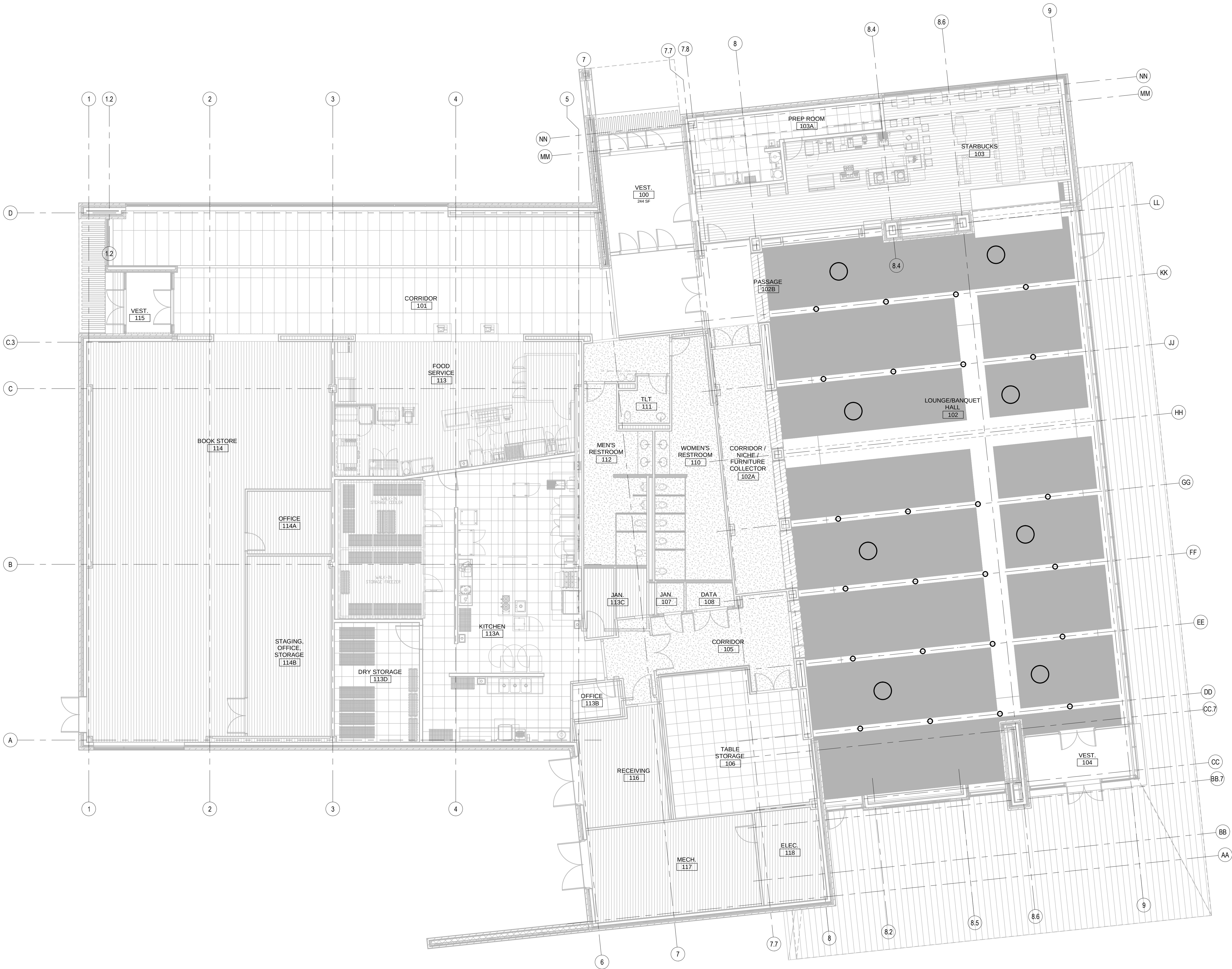
APPROVED BY
TEH

PROJECT NO.
12103.000



SHEET TITLE
**FLOOR PLAN -
ELECTICAL
LIGHTING**

SHEET NUMBER
E-201



FIRST FLOOR PLAN - ELECTRICAL LIGHTING
SCALE: 1/8" = 1'-0"
NORTH

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4049 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

GENERAL NOTES

1. DIMENSIONS INDICATED ARE ABOVE
FINISH FLOOR TO BOTTOM OF
DEVICE UNLESS INDICATED
OTHERWISE.

PLAN NOTES

1. CONCEAL RECEPTACLE IN WATER
COOLER HOUSING. RECEPTACLE TO
BE SERVED FROM LOAD SIDE OF
GFCI-TYPE RECEPTACLE IN ADJACENT
RESTROOM.
2. ELECTRICAL HAND DRYER.
3. MAIN TELECOMMUNICATION
BACKBOARD. SEE DETAIL 8/E-401.
4. PROVIDE CIRCUIT(S) TO PDU ON
EQUIPMENT RACK.
5. PROVIDE FLOOR BOX COMPATIBLE WITH
RAISED ACCESS FLOOR. SIMILAR TO
T&B/STEEL CITY AFM-FAS SHALLOW
FLOOR BOX FOR FREEAXEZ LOW
PROFILE ACCESS FLOOR.
6. MOTORIZED WINDOW SHADE. FOUR
PER 120 V CIRCUIT. CONTROLLED BY
CRESTRON CONTROLLER INDICATED ON
DRAWING T-201.
7. MOTORIZED PROJECTION SCREEN.
CONTROLLED BY CRESTRON
CONTROLLER INDICATED ON DRAWING
T-201.
8. HANDICAP DOOR OPERATOR
INTERFACE WITH ACCESS CONTROL
SYSTEM. SEE DRAWING T-201 FOR
ACCESS CONTROLS.

FIRST FLOOR PLAN - ELECTRICAL POWER

SCALE: 1/8" = 1'-0"



NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

TEH

APPROVED BY

TEH

PROJECT NO.

12103.000



RATIO

COPYRIGHT NOTICE: THIS ARCHITECTURAL
AND ENGINEERING DRAWING IS GIVEN IN
CONFIDENCE AND SHALL BE USED ONLY
PURSUANT TO THE AGREEMENT WITH RATIO
ARCHITECTS, INC. NO OTHER USE,
DISSEMINATION OR DUPLICATION MAY BE
MADE WITHOUT PRIOR WRITTEN CONSENT
OF RATIO ARCHITECTS, INC. ALL COMMON
LAW RIGHTS OF COPYRIGHT AND
OTHERWISE ARE HEREBY SPECIFICALLY
RESERVED.

SHEET TITLE

FLOOR PLAN -
ELECTICAL
POWER

SHEET NUMBER

E-211

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Patrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY
TEH

APPROVED BY
TEH

PROJECT NO.
12103.000



COPYRIGHT NOTICE: THIS ARCHITECTURAL
AND ENGINEERING DRAWING IS GIVEN IN
CONFIDENCE AND SHALL BE USED ONLY
PURSUANT TO THE AGREEMENT WITH RATIO
ARCHITECTS, INC. NO OTHER USE,
DISSEMINATION OR DUPLICATION MAY BE
MADE WITHOUT PRIOR WRITTEN CONSENT
OF RATIO ARCHITECTS, INC. ALL COMMON
LAW RIGHTS OF COPYRIGHT AND
OTHERWISE ARE HEREBY SPECIFICALLY
RESERVED.

SHEET TITLE

ROOF PLAN -
ELECTICAL
POWER

SHEET NUMBER

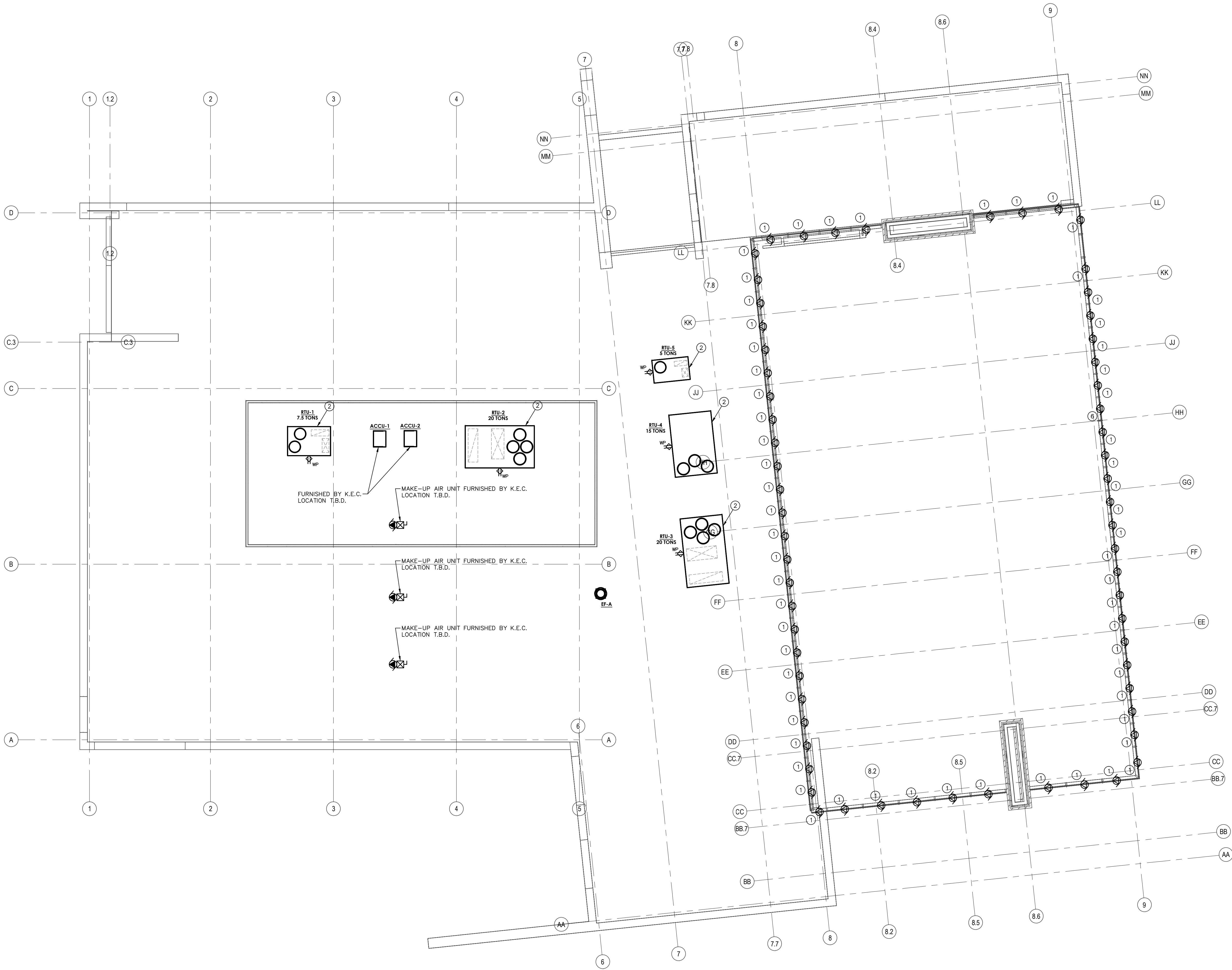
E-220

GENERAL NOTES

1. DIMENSIONS INDICATED ARE ABOVE
FINISH FLOOR TO BOTTOM OF
DEVICE UNLESS INDICATED
OTHERWISE.

PLAN NOTES

- MOTORIZED WINDOW SHADE - FOUR
PER 120 V CIRCUIT. CONTROLLED BY
CRESTRON CONTROLLER INDICATED ON
DRAWING T-201.
- PROVIDE 120 V 20 AMP CIRCUIT TO
SERVE LIGHTS AND OUTLETS
FURNISHED WITH ROOFTOP UNIT. SEE
RISER FOR FEEDER.



ROOF PLAN - ELECTRICAL POWER

SCALE: 1/8" = 1'-0"



Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4049 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

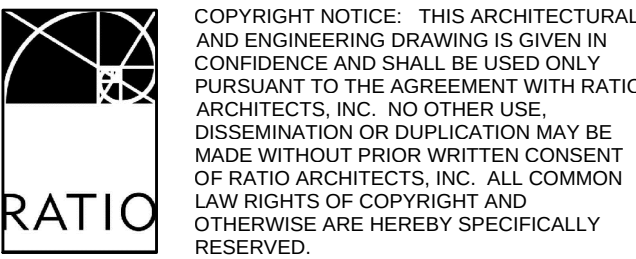
NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY
TEH

APPROVED BY
TEH

PROJECT NO.
12103.000



SHEET TITLE
**ENLARGED
FLOOR PLAN -
ELECTRICAL**

SHEET NUMBER
E-301

EQUIPMENT SCHEDULE		
Item No	Qty	Equipment Category
1	2	Oven, Convection, Gas, Double Deck
2	1	Steamer, Convection, Gas
3	1	Fryer, Deep Fat, Gas w/Filter & Spreader
4	1	Floor Trough
5	1	Tilt Skillet
6	1	Range, Heavy Duty, Gas w/ Convection Oven
7	1	Salamander Broiler, Gas
8	1	Refrigerator, Shorty
9	1	Griddle, Gas
10	4	Hand Sink, Wall Mount
11	1	Refrigerator, Reach-In
12	1	Freezer, Reach-In
13	4	Table, Work, 16 gauge, Back Splash w/ Undershelf
13A	1	Table, Work, 16 gauge, Back Splash w/ Undershelf
14	1	Exhaust Hood
15	1	Ice Machine w/ Bin
16	3	Cabinet, Holding & Transport
17	1	Refrigerator, Reach-In
18	1	Table, Prep w/ Sink
19	1	Slicer, Food
20	3	Shelving, Wire
21	1	Sink, NSF, 3 comp, 14 gauge
22	1	Dishtable, 14 gauge
23	1	Slanted Rack Shelf
24	1	Disposer, Garbage
25	1	Hose Reel with Spray
26	1	Warewasher, Door Type, High Temp w/ Booster
27	1	Condensate Hood
28	1	Dishtable, 14 gauge
29	1	Wall Shelf
30	LOT	"Fast-Track" Shelving
31	6	Rack, Dunnage
32	13	Shelving, Wire
33	1	Walk-in Cooler / Freezer Assembly
100	1	Hand Sink, Wall Mount
101	1	Freezer, Reach-In
102	1	Worktable
103	1	Trash Receptacle
104	1	Exhaust Hood
105	1	Bun Storage
106	1	Griddle, Double-Sided, Electric
107	1	Griddle, Gas
108	1	Fryer, Deep Fat, Gas
109	1	Warmer, Food, Electric
110	1	Worktable
111	1	Refrigerator, Undercounter, Compact
112	1	Serving Counter
113	1	Buffet/Cafeteria, Sneeze Guard
114	1	Griddle, Gas
115	1	Refrigerator, Shorty
116	1	Refrigerator, Sandwich/Salad Prep
117	1	Display Case, Heated
118	1	Toaster, Conveyor
119	2	POS Terminal - NIC
120	2	Mobile Cashier Counter
121	1	Beverage Counter
122	1	Soda Dispenser - NIC
123	1	Refrigerator, Air Curtain Type
124	1	Walk-in Beverage Cooler
125	1	Coffee Brewer



ENLARGED FLOOR PLAN - ELECTRICAL

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



Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
(317) 633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4049 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY
TEH

APPROVED BY
TEH

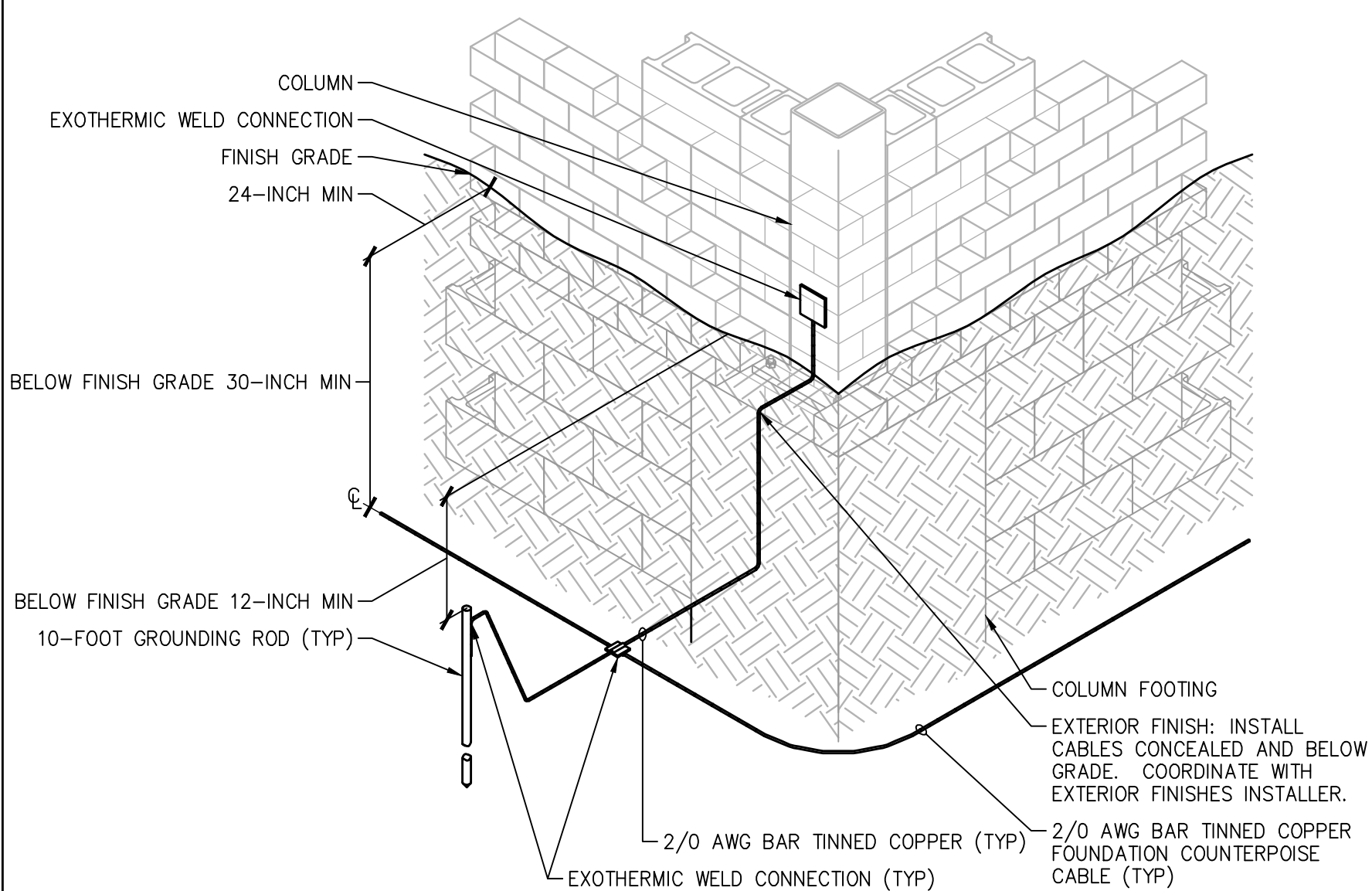
PROJECT NO.
12103.000

COPYRIGHT NOTICE: THIS ARCHITECTURAL
AND ENGINEERING DRAWING IS GIVEN IN
CONFIDENCE AND SHALL BE USED ONLY
PURSUANT TO THE AGREEMENT WITH RATIO
ARCHITECTS, INC. NO OTHER USE,
DISSEMINATION OR DUPLICATION MAY BE
MADE WITHOUT PRIOR WRITTEN CONSENT
OF RATIO ARCHITECTS, INC. ALL COMMON
LAW RIGHTS OF COPYRIGHT AND
OTHERWISE ARE HEREBY SPECIFICALLY
RESERVED.

RATIO

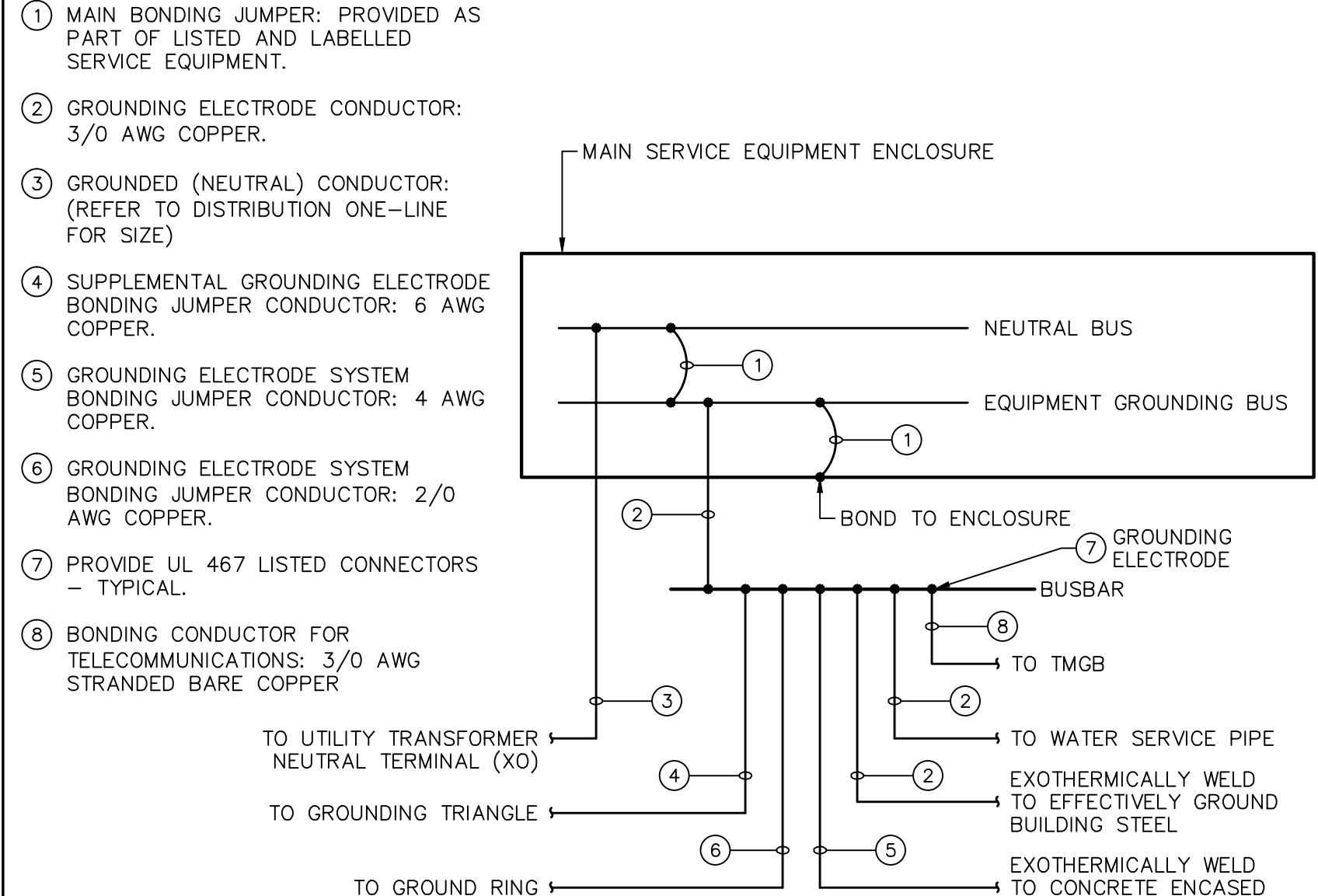
SHEET TITLE
**DETAILS -
ELECTRICAL**

SHEET NUMBER
E-401



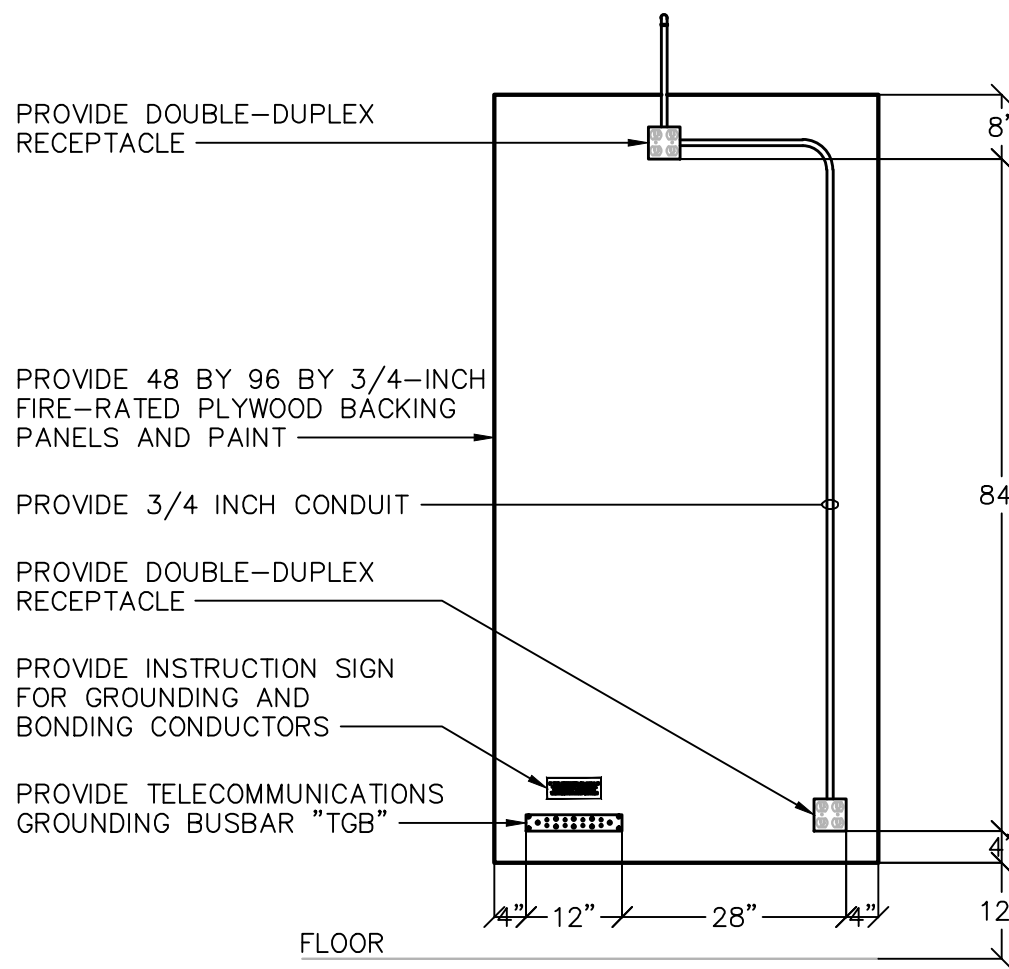
11. TYPICAL GROUND RING AND GROUNDING
FOR STEEL BUILDING STRUCTURE DETAIL

NO SCALE



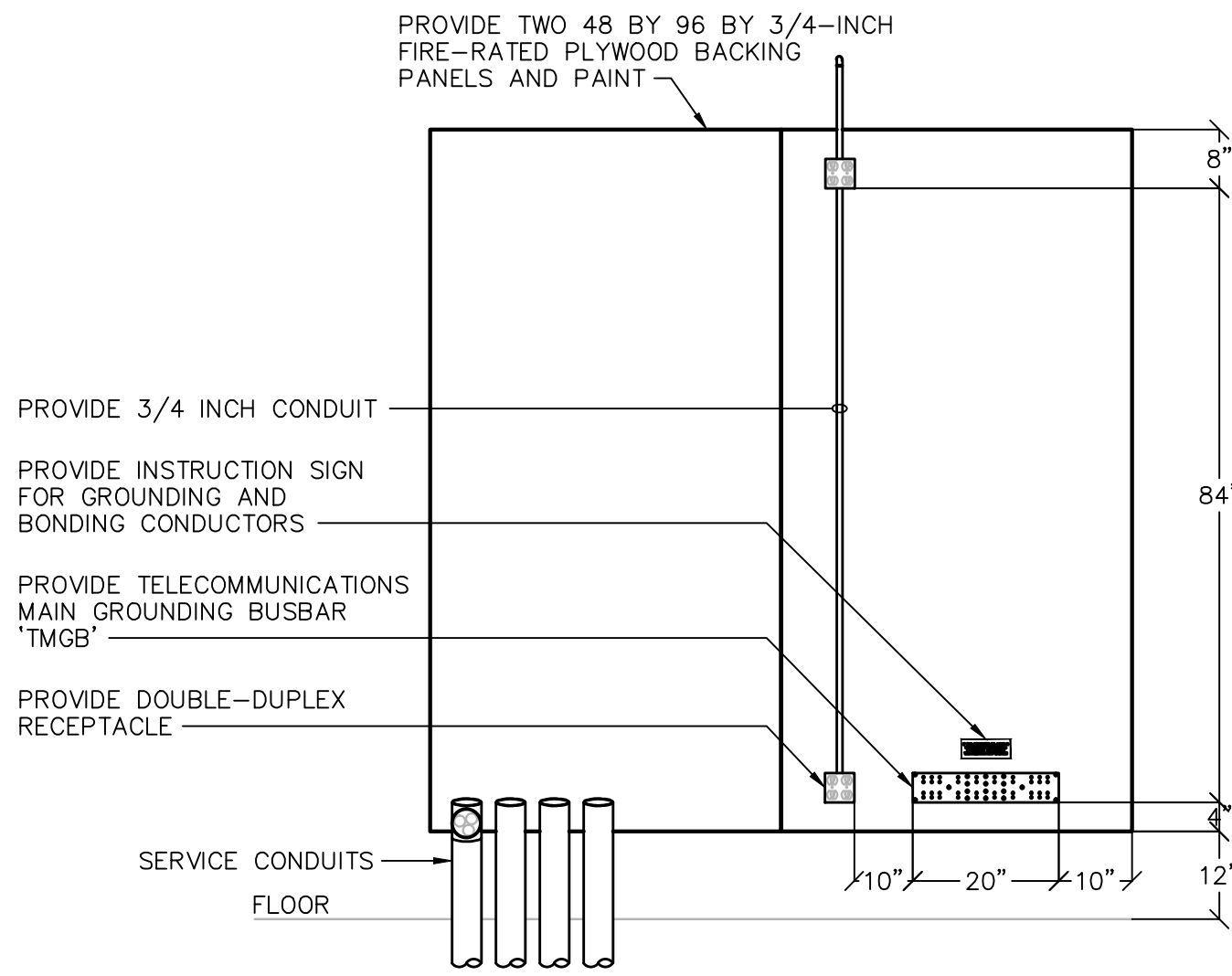
10. MAIN SERVICE GROUNDING DETAIL

NO SCALE



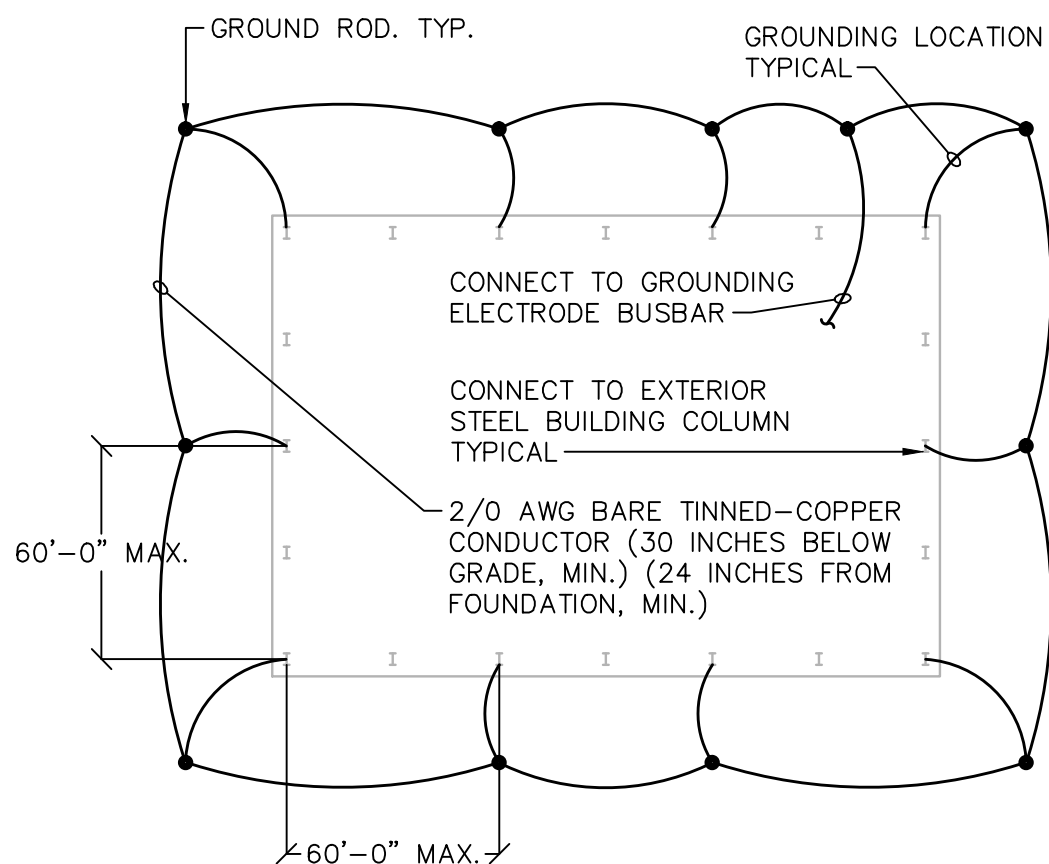
9. TYPICAL TR BACKBOARD

NO SCALE



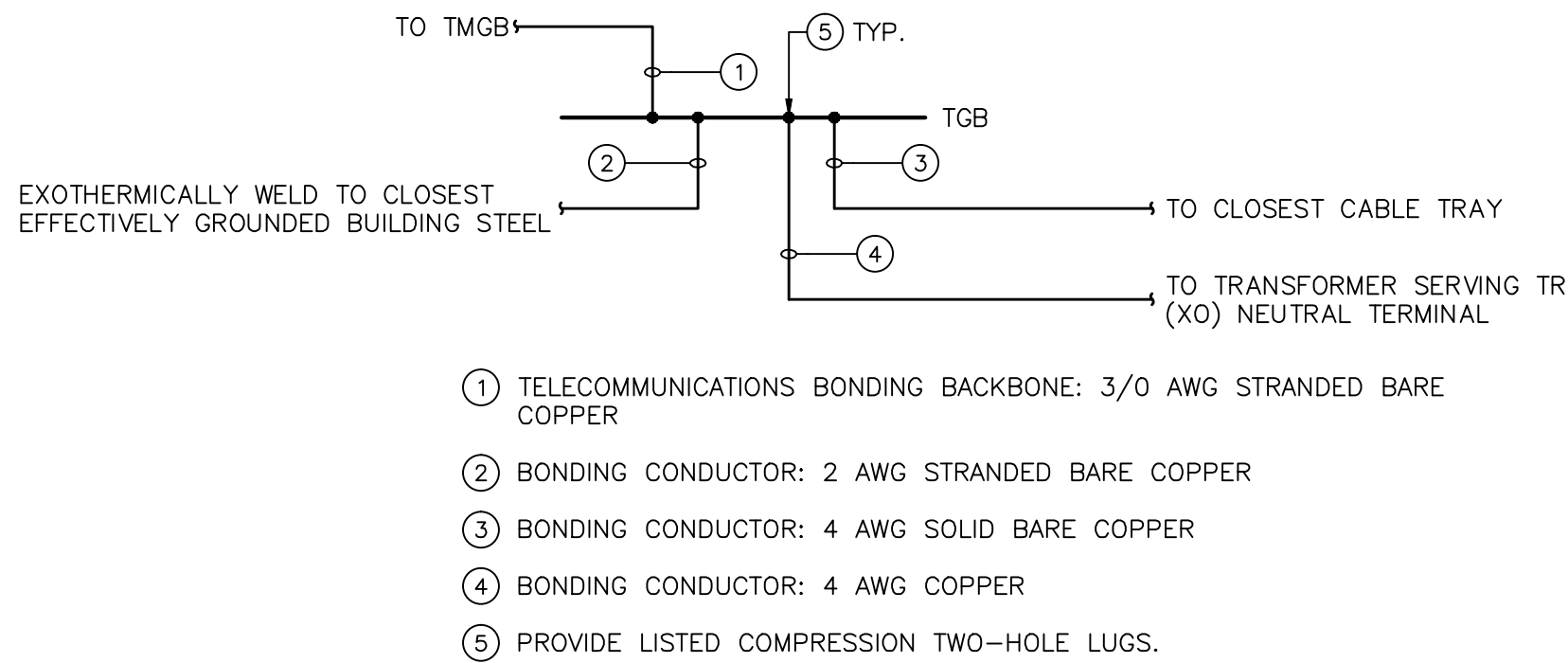
8. TYPICAL MAIN TELEPHONE/MC/ER BACKBOARD

NO SCALE



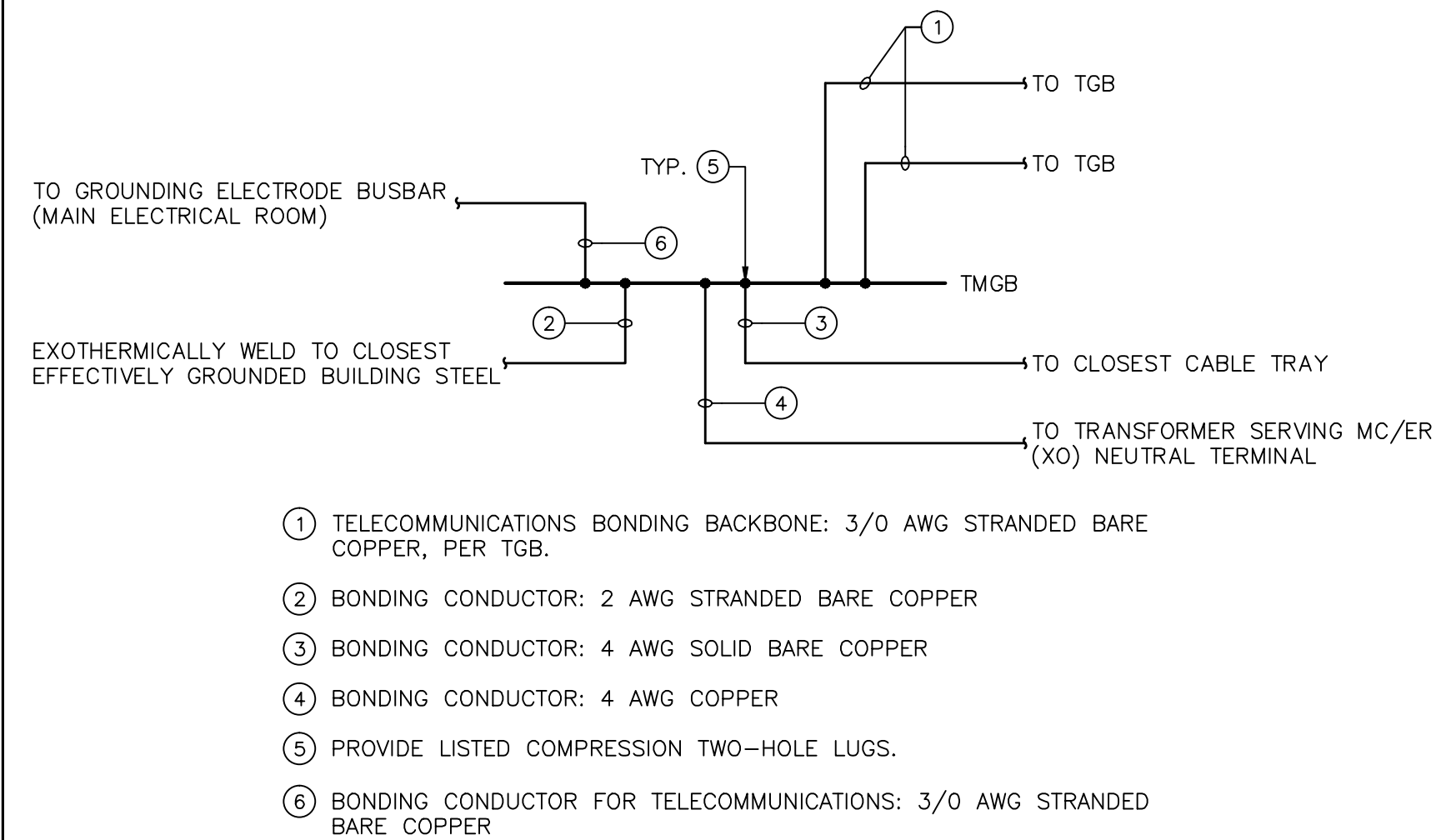
7. TYPICAL BUILDING GROUND RING DETAIL

NO SCALE



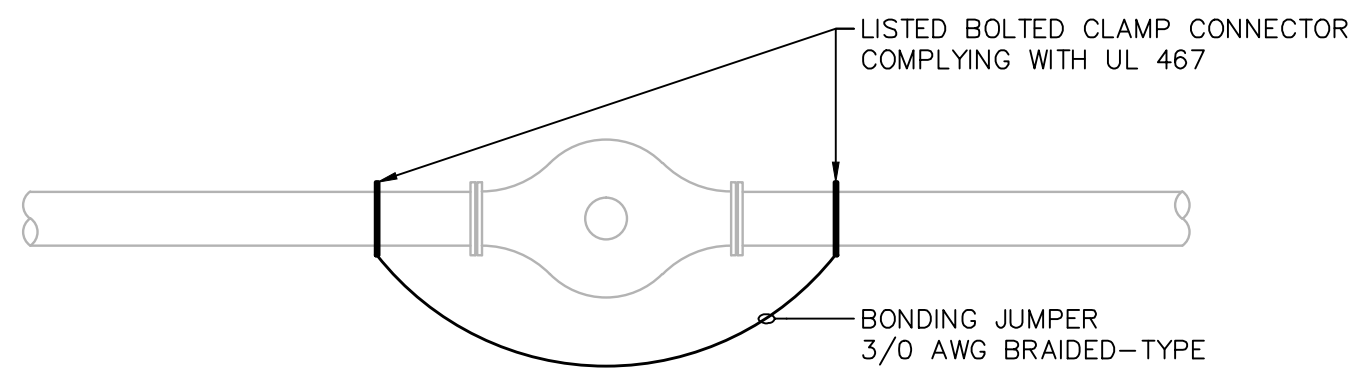
6. TYPICAL TR GROUNDING DETAIL

NO SCALE



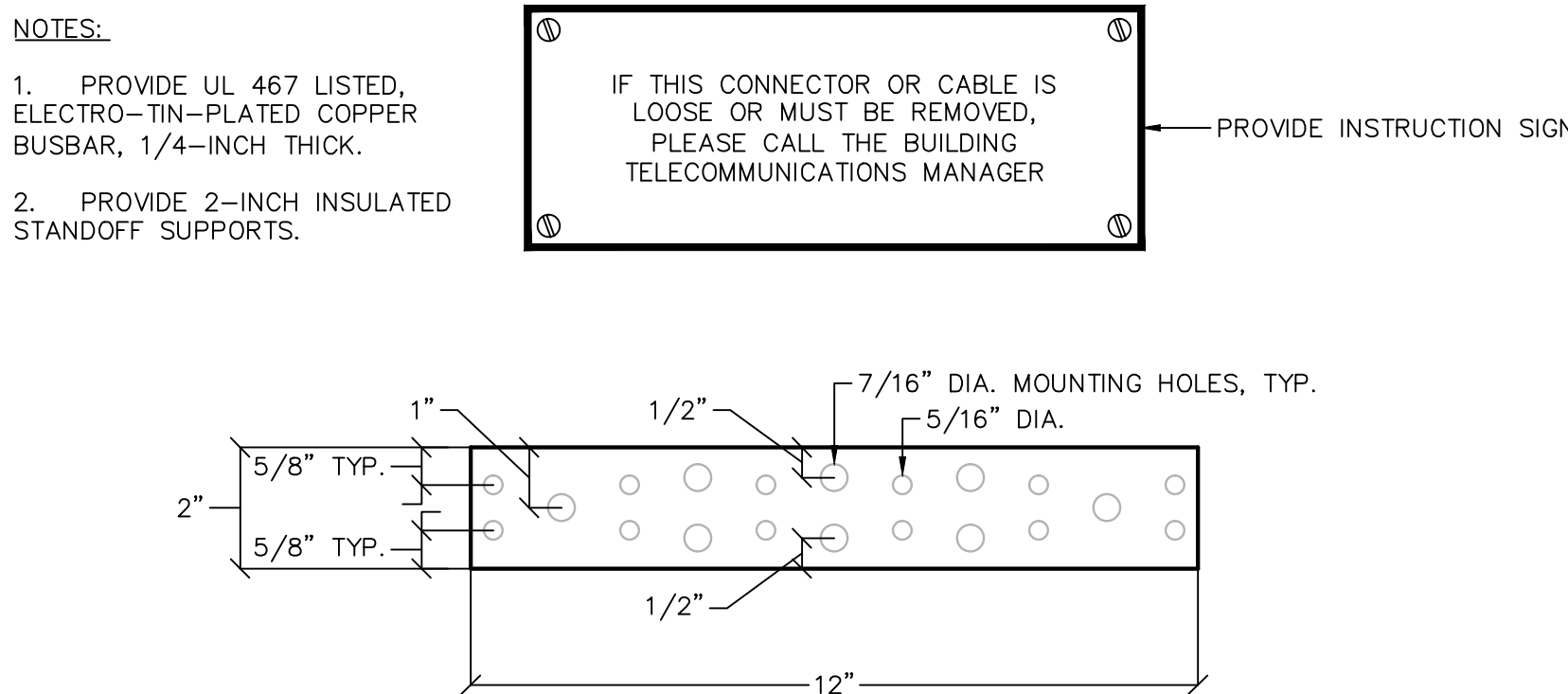
5. TYPICAL MC/ER GROUNDING DETAIL

NO SCALE



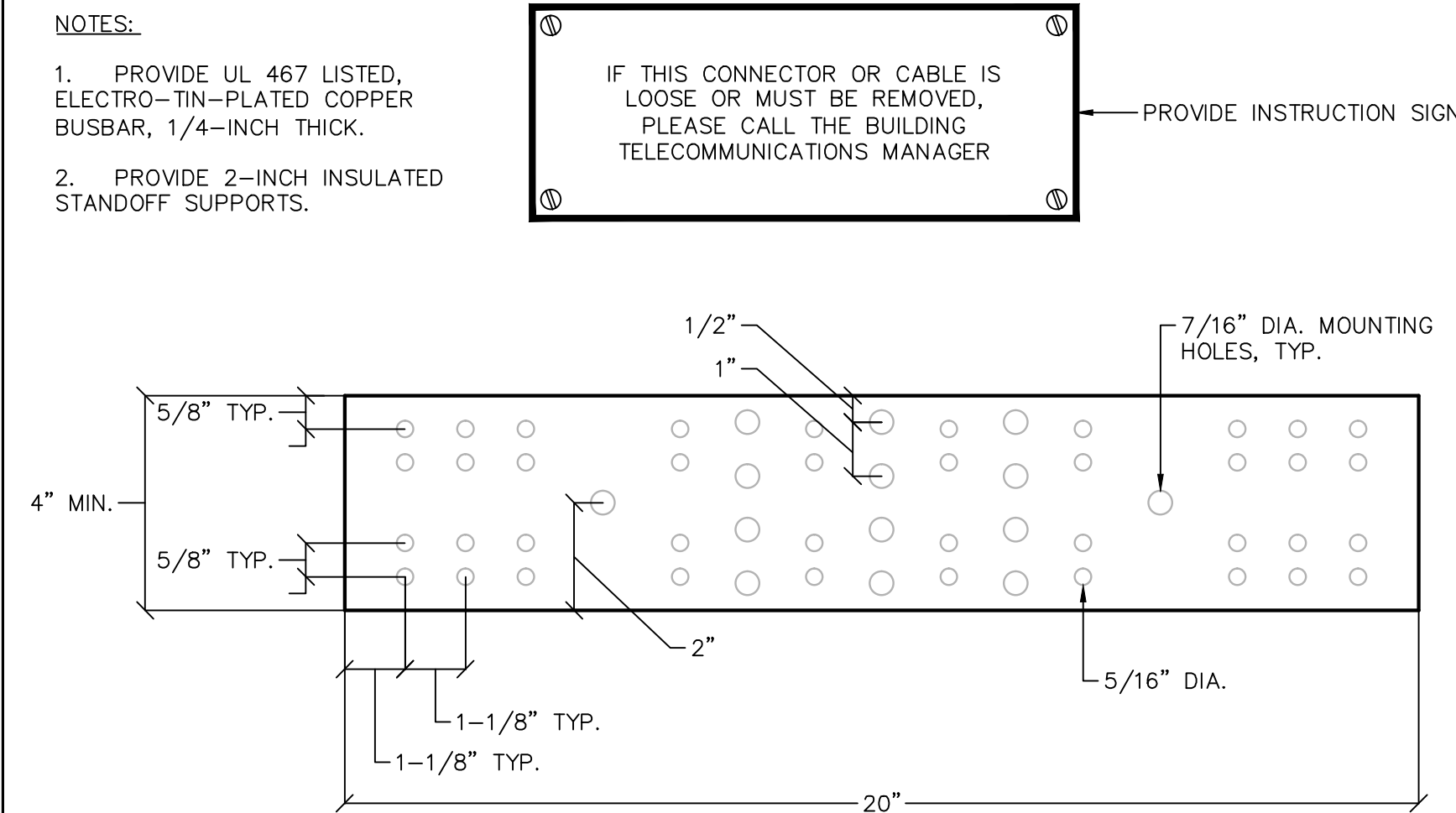
4. TYPICAL BONDING JUMPER AT EACH WATER METER

NO SCALE



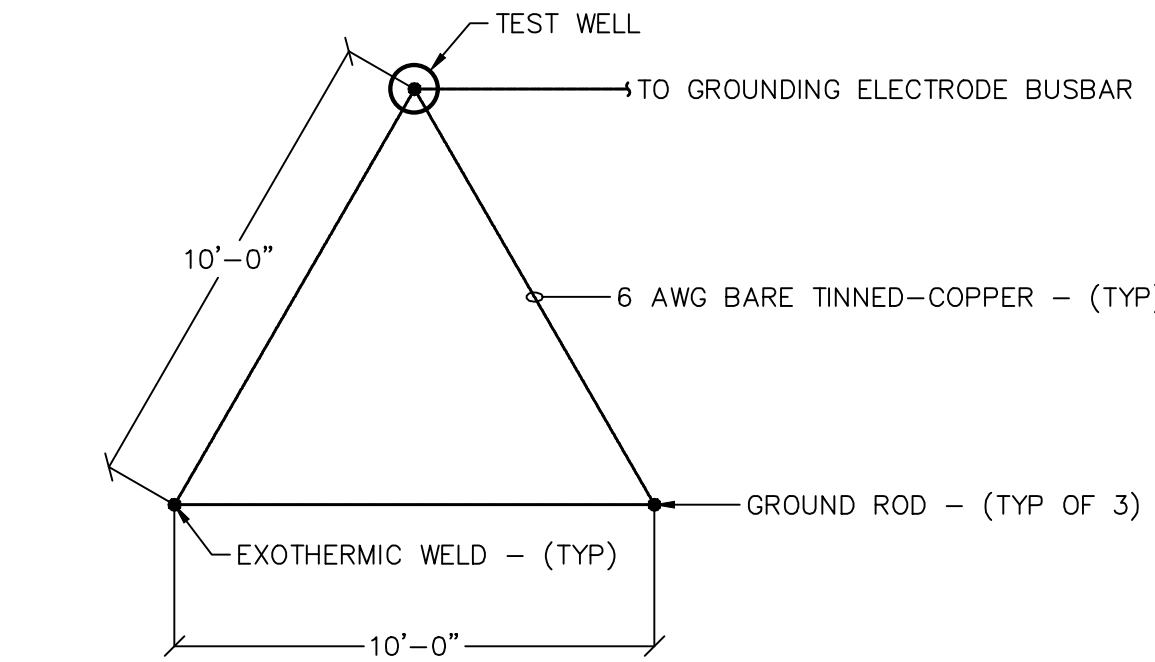
3. TYPICAL TELECOMMUNICATIONS
GROUNDING BUSBAR (TGB)

NO SCALE



2. TYPICAL TELECOMMUNICATIONS MAIN GROUNDING
BUSBAR (TMGB) AND GROUNDING ELECTRODE BUSBAR (GEB)

NO SCALE



1. TYPICAL GROUNDING TRIANGLE DETAIL

NO SCALE

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner
Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

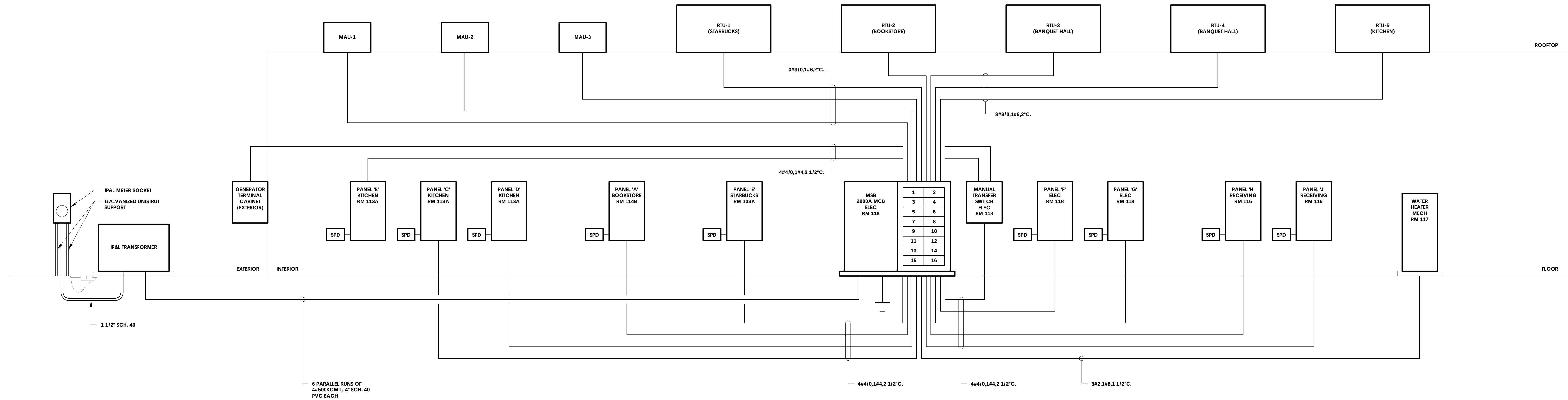
Architect
RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer
Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer
R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer
Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

PANEL ID: MSB					LOCATION: ELEC 118							
CONFIGURATION: 208Y/120 V, 3-PHASE, 4-WIRE PLUS GROUND					ENCLOSURE: NEMA 1							
MAIN: 2000 A, MCB ISI					TRIM: SURFACE							
SCCR (Amps RMS Symm.): 65,000 A FULLY-RATED					MODIFICATIONS: UL SE RATED							
CIRC NO.	LOAD DESCRIPTION	NOTES	AMPS	POLES	PHASE A	PHASE B	PHASE C	POLES	AMPS	NOTES	LOAD DESCRIPTION	CIRC NO.
1	PANEL A		225	3	10,667							
					10,667							
						10,667						
							10,667					
3	PANEL C		225	3	10,667			3	225		PANEL B VIA MANUAL TRANSFER SWITCH	2
					10,667							
					10,667							
						10,667						
5	PANEL E		225	3	10,667			3	225		PANEL D	4
					10,667							
					10,667							
						10,667						
7	PANEL G		225	3	10,667			3	225		PANEL F	6
					10,667							
					10,667							
						10,667						
9	PANEL J		225	3	10,667			3	225		PANEL H	8
					10,000							
						10,667						
						15,000						
							10,667					
							15,000					
11	RTU-1		200	3	15,000			3	200		RTU-5	10
					15,000							
						15,000						
							15,000					
								3	200		RTU-2	12
13	RTU-3		200	3	15,000							
					15,000							
						15,000						
							15,000					
15	MAU-1		200	3	15,000			3	200		RTU-4	14
					15,000							
						15,000						
							15,000					
17	MAU-3		200	3	15,000			3	200		MAU-2	16
					10,000							
						15,000						
					10,000							
							15,000					
19	SPARE		100	3	0			3	100		WATER HEATER	18
					0							
					0							
					0							
						0						
							0					
								3	60	1	SPD	20
CONNECTED LOAD PER PHASE (VA)					280,003	280,003	280,003					
TOTAL CONNECTED LOAD (VA):					840,009		NOTES:					
CONNECTED LOAD (AVG. AMPS PER PHASE):					2,332		1. PROVIDE INTEGRAL SPD					
TOTAL NEC DEMAND LOAD (VA):					627,505							
NEC DEMAND LOAD (AVG. AMPS PER PHASE):					1,742							



1 RISER DIAGRAM
SCALE: NONE

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY
TEH

APPROVED BY
TEH

PROJECT NO.
12103.000



RATIO

SHEET TITLE
RISER DIAGRAM

SHEET NUMBER

E-501

COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFERENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

Marian University
ALUMNI HALL

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY

TEH

APPROVED BY

TEH

PROJECT NO.

12103.000



RATIO

COPYRIGHT NOTICE: THIS ARCHITECTURAL
AND ENGINEERING DRAWING IS GIVEN IN
CONFIDENCE AND SHALL BE USED ONLY
PURSUANT TO THE AGREEMENT WITH RATIO
ARCHITECTS, INC. NO OTHER USE,
DISSEMINATION OR DUPLICATION MAY BE
MADE WITHOUT PRIOR WRITTEN CONSENT
OF RATIO ARCHITECTS, INC. ALL COMMON
LAW RIGHTS OF COPYRIGHT AND
OTHERWISE ARE HEREBY SPECIFICALLY
RESERVED.

SHEET TITLE

FLOOR PLAN -
TECHNOLOGY

SHEET NUMBER

T-201

GENERAL NOTES

1. GENERAL NOTE 1.

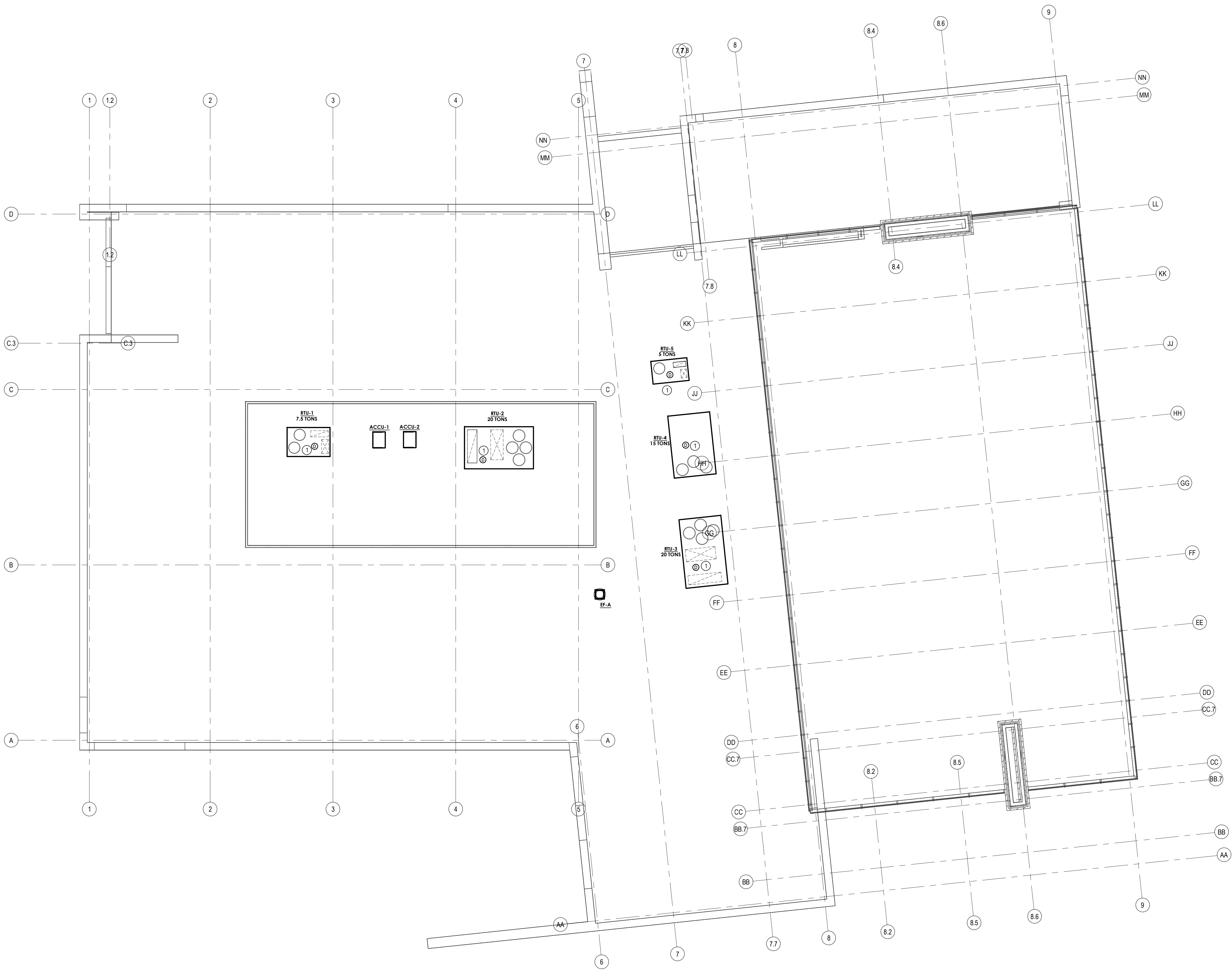
PLAN NOTES

1. PROVIDE ADDRESSABLE INTERFACE
DEVICE TO MONITOR FIRE
SUPPRESSION SYSTEM.
2. PROVIDE ADDRESSABLE INTERFACE
DEVICE TO ACTUATE SHUNT-TRIP
RELAYS.
3. PROVIDE ADDRESSABLE INTERFACE
DEVICE TO SUPERVISE SHUNT-TRIP
POWER.
4. PROVIDE ADDRESSABLE INTERFACE
DEVICES TO ACTUATE NATURAL GAS
SOLENOID VALVE.
5. PROVIDE TWO-POST RACK.
6. MAIN TELECOMMUNICATIONS
BACKBOARD. SEE DETAIL 8/E-401.

FIRST FLOOR PLAN - TECHNOLOGY

SCALE: 1/8" = 1'-0"





GENERAL NOTES

1. GENERAL NOTE 1.

PLAN NOTES

① PROVIDE DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF ROOFTOP UNIT. INTERLOCK WITH ROOFTOP UNIT CONTROLS TO SHUT DOWN UNIT ON ALARM.

ROOF PLAN - TECHNOLOGY
SCALE: 1/8" = 1'-0"
NORTH

**Marian University
ALUMNI HALL**

3200 Cold Springs Rd
Indianapolis, Indiana
46222

Owner

Marian University
3200 Cold Springs Road
Indianapolis, Indiana 46222
(317) xxx-xxxx

Architect

RATIO Architects, Inc.
Suite 100, Schrader Building
107 South Pennsylvania Street
Indianapolis, Indiana 46204
317-633-4040

Structural Engineer

Fink Roberts & Patrie, Inc.
4040 Vincennes Circle
Suite 300
Indianapolis, Indiana 46268
(317) 872-8400

Mechanical / Electrical Engineer

R.E. Dimond and Associates, Inc.
732 North Capitol Avenue
Indianapolis, Indiana 46204
(317) 634-4672
DA# 13062

Civil Engineer

Snelling Engineering, LLC
13295 Illinois Street
Suite 142
Carmel, Indiana 46032
(317) 663-3206

NOT FOR CONSTRUCTION
DESIGN DEVELOPMENT

REISSUE

CHECKED BY
TEH

APPROVED BY
TEH

PROJECT NO.
12103.000



COPYRIGHT NOTICE: THIS ARCHITECTURAL AND ENGINEERING DRAWING IS GIVEN IN CONFERENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH RATIO ARCHITECTS, INC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF RATIO ARCHITECTS, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

SHEET TITLE

**ROOF PLAN -
TECHNOLOGY**

SHEET NUMBER

T-220