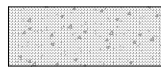
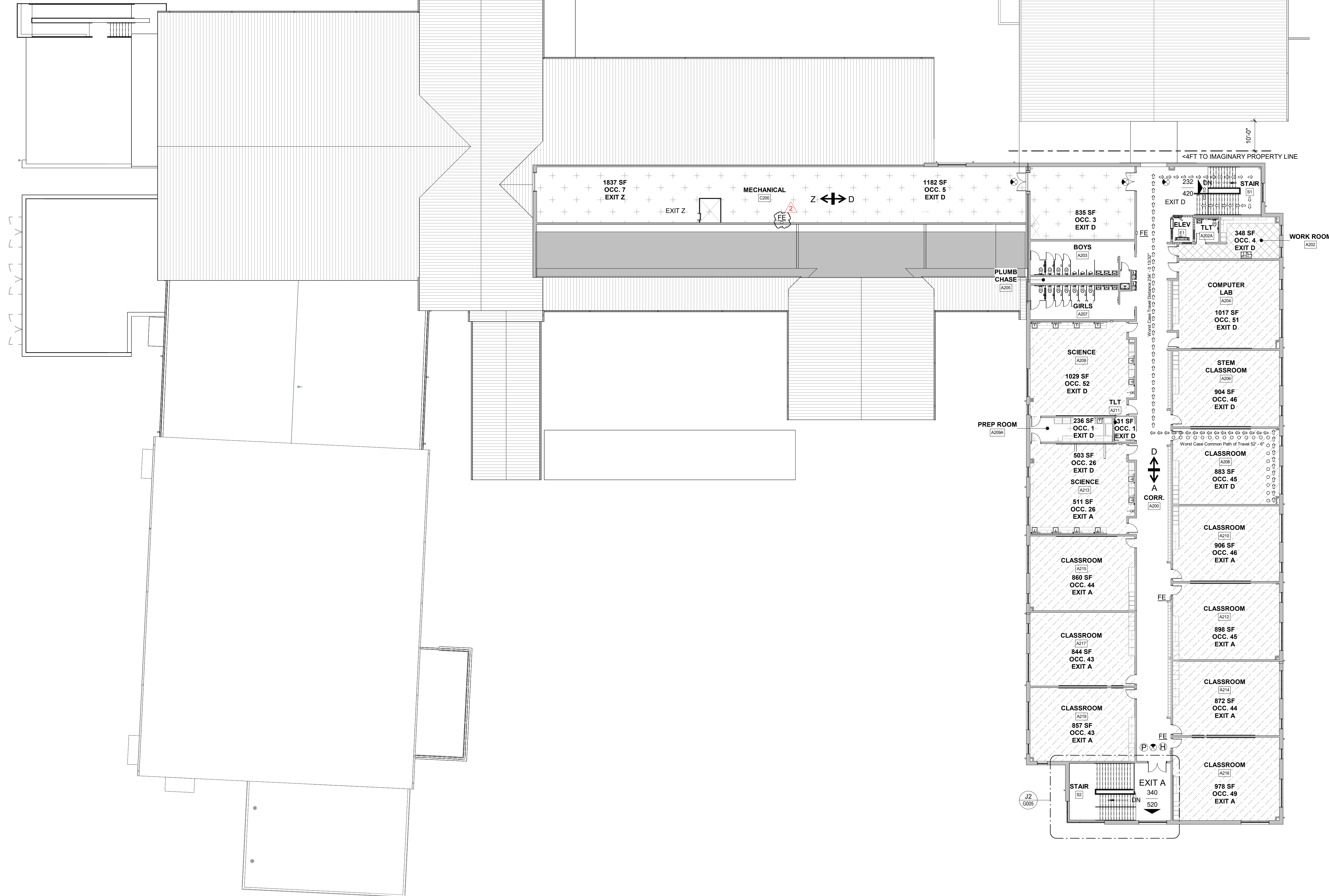


**HORIZONTAL RATED ASSEMBLIES
GENERAL NOTES:**

- 1-HR HORIZONTAL RATED ASSEMBLY (UL DETAIL I504) AT TOP OF SHAFT. AREA DENOTED BY HATCH.



J2 LIFE SAFETY PLAN - S2
1/8" = 1'-0"



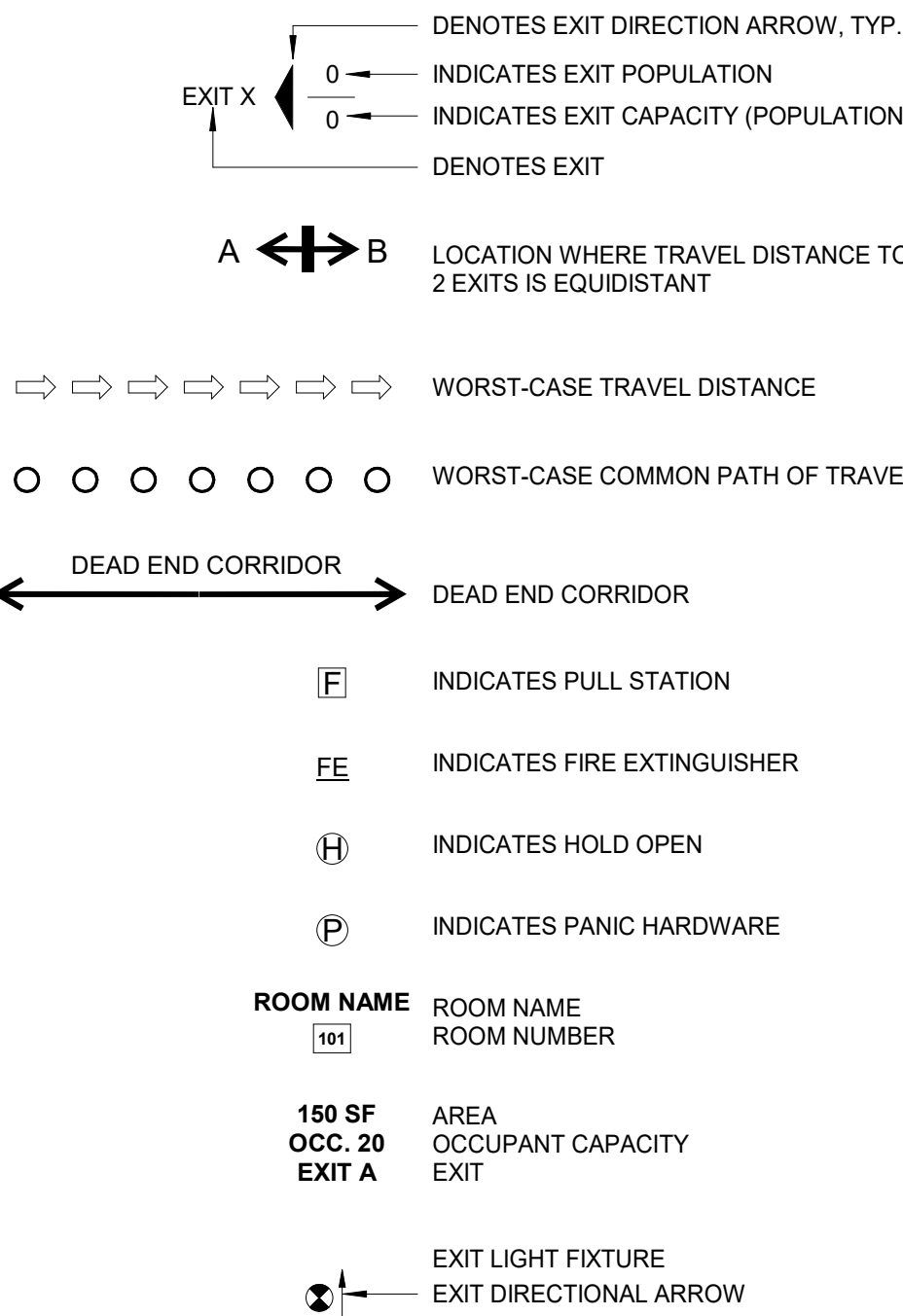
NOTE: OVERALL PLAN INCLUDING BID ALTERNATE #1 FOOTPRINT IS BEING USED FOR LIFE SAFETY PLAN ANALYSIS AS IT REPRESENTS WORST-CASE SCENARIO IN OCCUPANCY, AREA AND TRAVEL DISTANCES.

A1 OVERALL LIFE SAFETY PLAN - SECOND FLOOR - BID ALT NO. 1
1/16" = 1'-0"

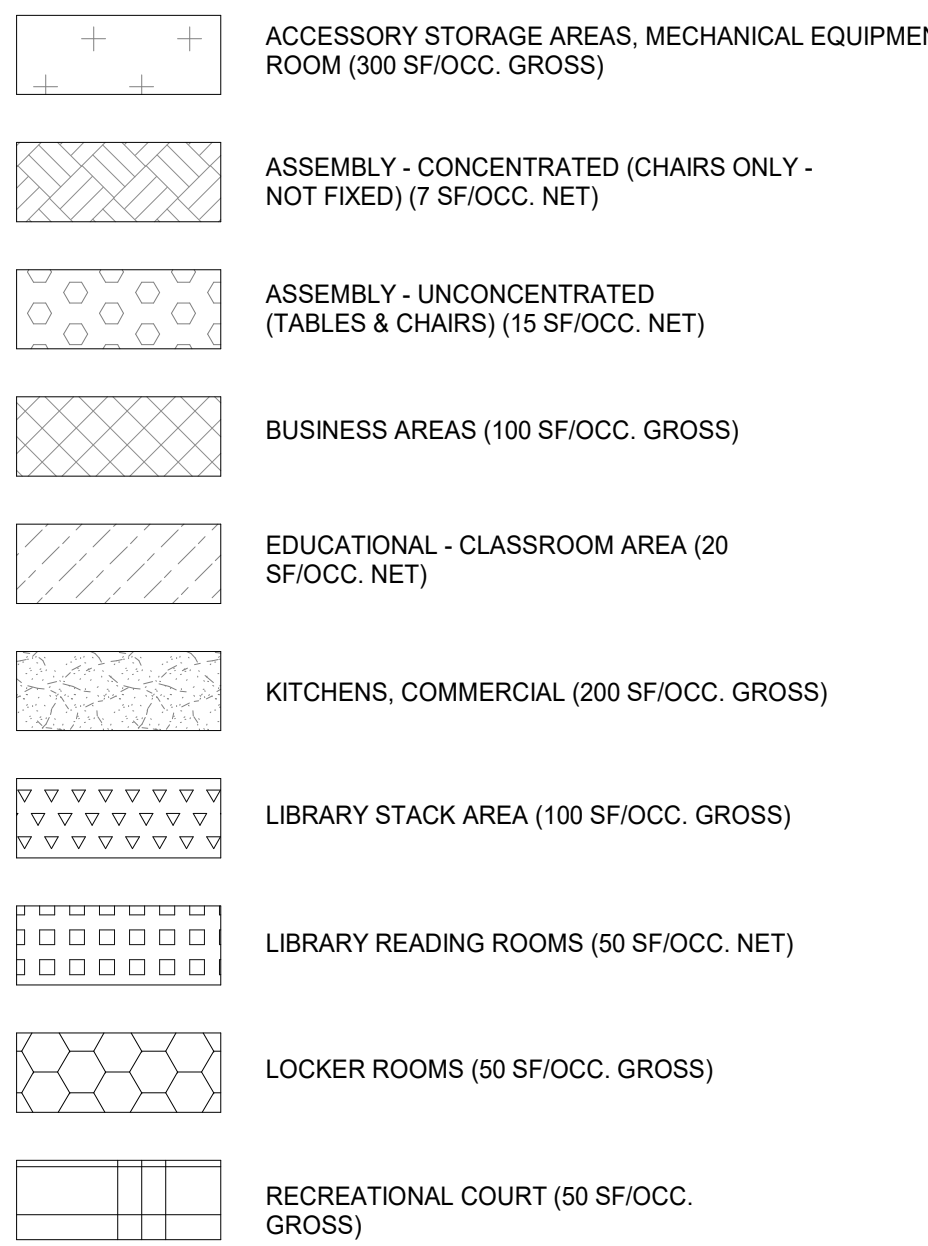
LIFE SAFETY PLAN GENERAL NOTES:

1. REFER TO SHEET G001 & G002 FOR CODE SUMMARY.
2. REFER TO DOOR SCHEDULE FOR REQUIRED DOOR RATINGS.
3. REFER TO INTERIOR PARTITION TYPES AND FLOOR PLAN FOR ADDITIONAL PARTITION REQUIREMENTS INCLUDE WALL HEIGHT, UL DESIGN AND FIRE RATING.
4. REFER TO SITE PLAN FOR BUILDING ADJACENCIES AND PROPERTY LINES.

LIFE SAFETY PLAN SYMBOL LEGEND



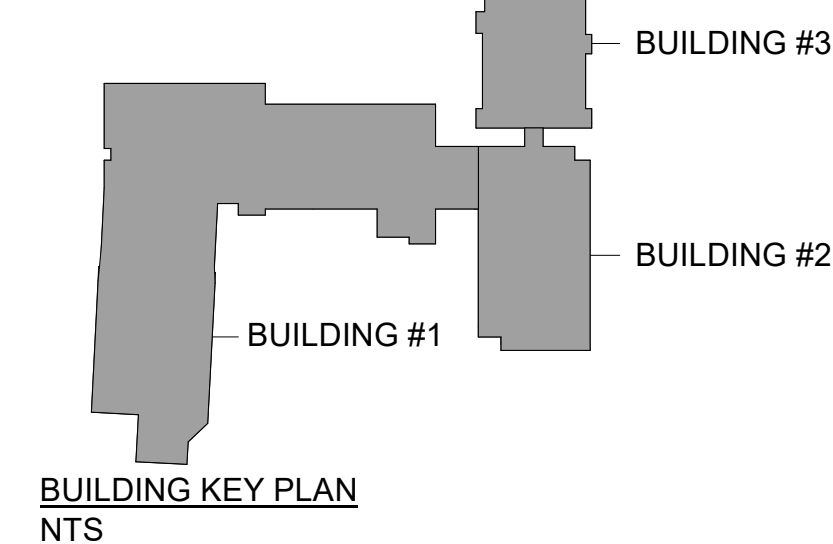
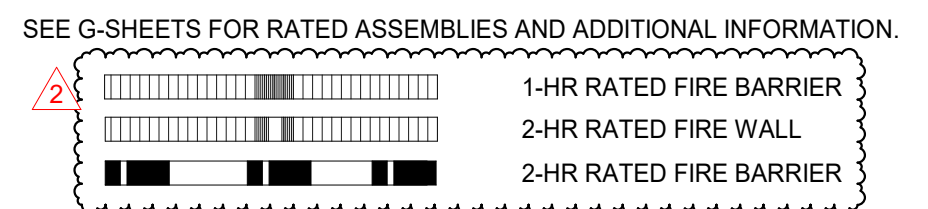
LIFE SAFETY PLAN OCCUPANCY KEY



RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.



PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|-------------|-----------|
| 2 | ADDENDUM #2 | 2/11/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 2/10/2025 6:23:23 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

LIFE SAFETY PLAN -
SECOND FLOOR - BID
ALT NO. 1

G005

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27550

SEALS

DKA JOB NUMBER
2401

REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2024 by Davis Kane Architects, P.A. All rights reserved.

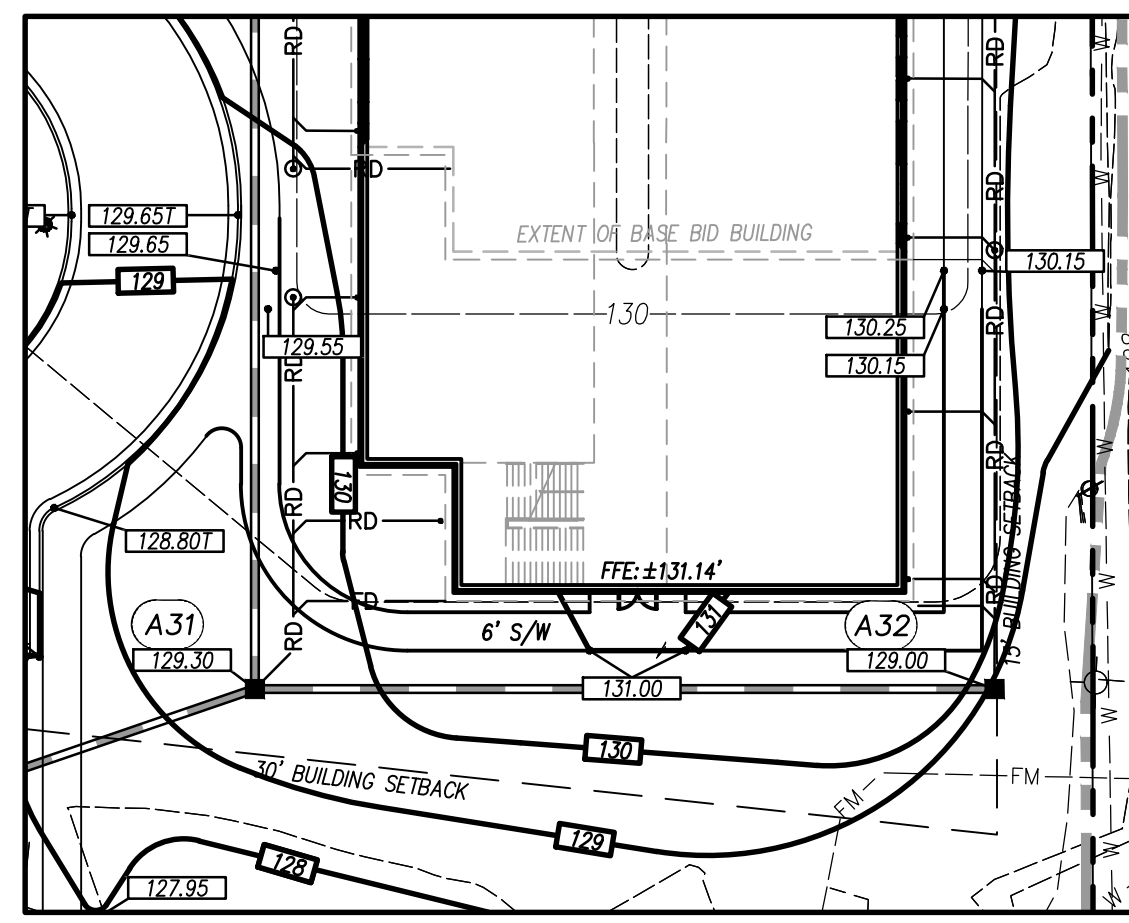
PA: RENEE PEIFFER
PM: RW
Drawn By: PH
Plot Date: 01/08/2025

DATE ISSUED
BID DOCUMENTS
01/10/2025

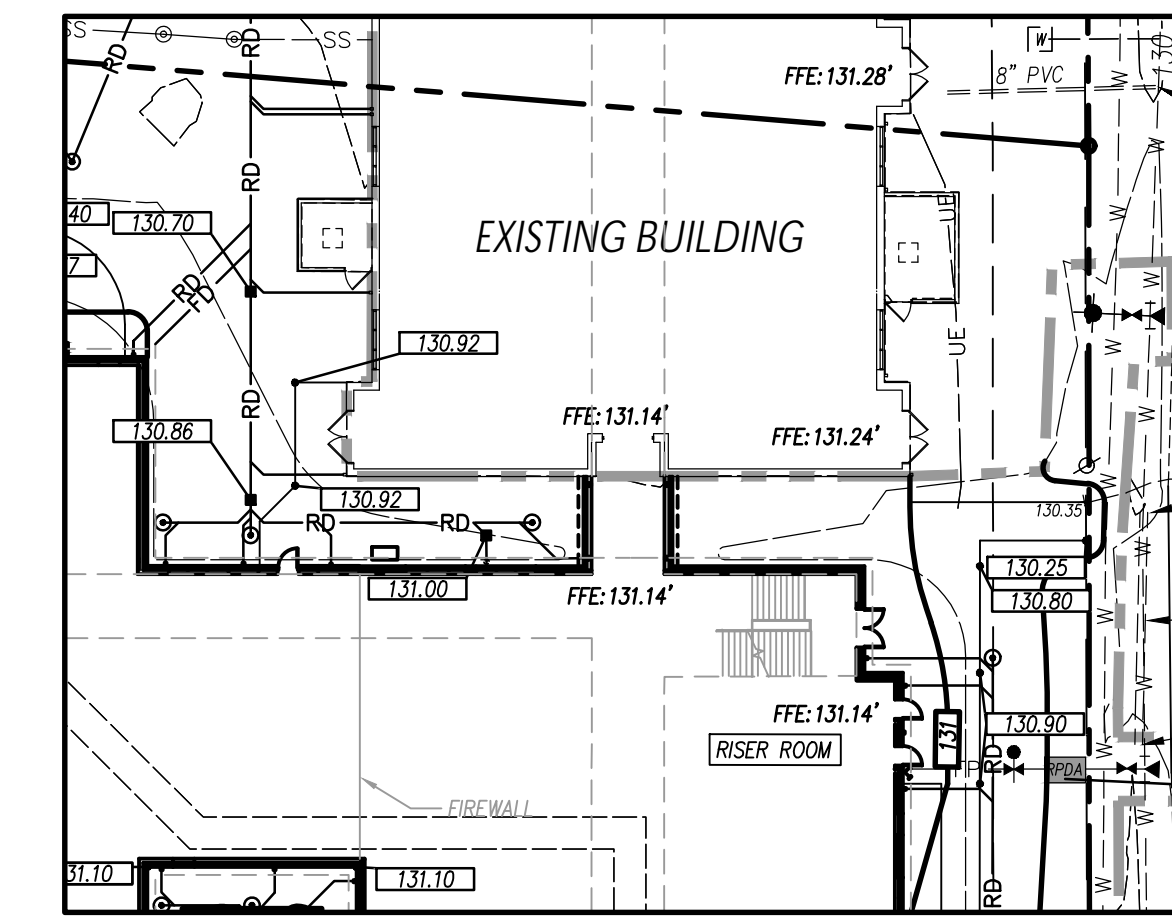
SHEET TITLE

GRADING &
DRAINAGE PLAN

C-3.01

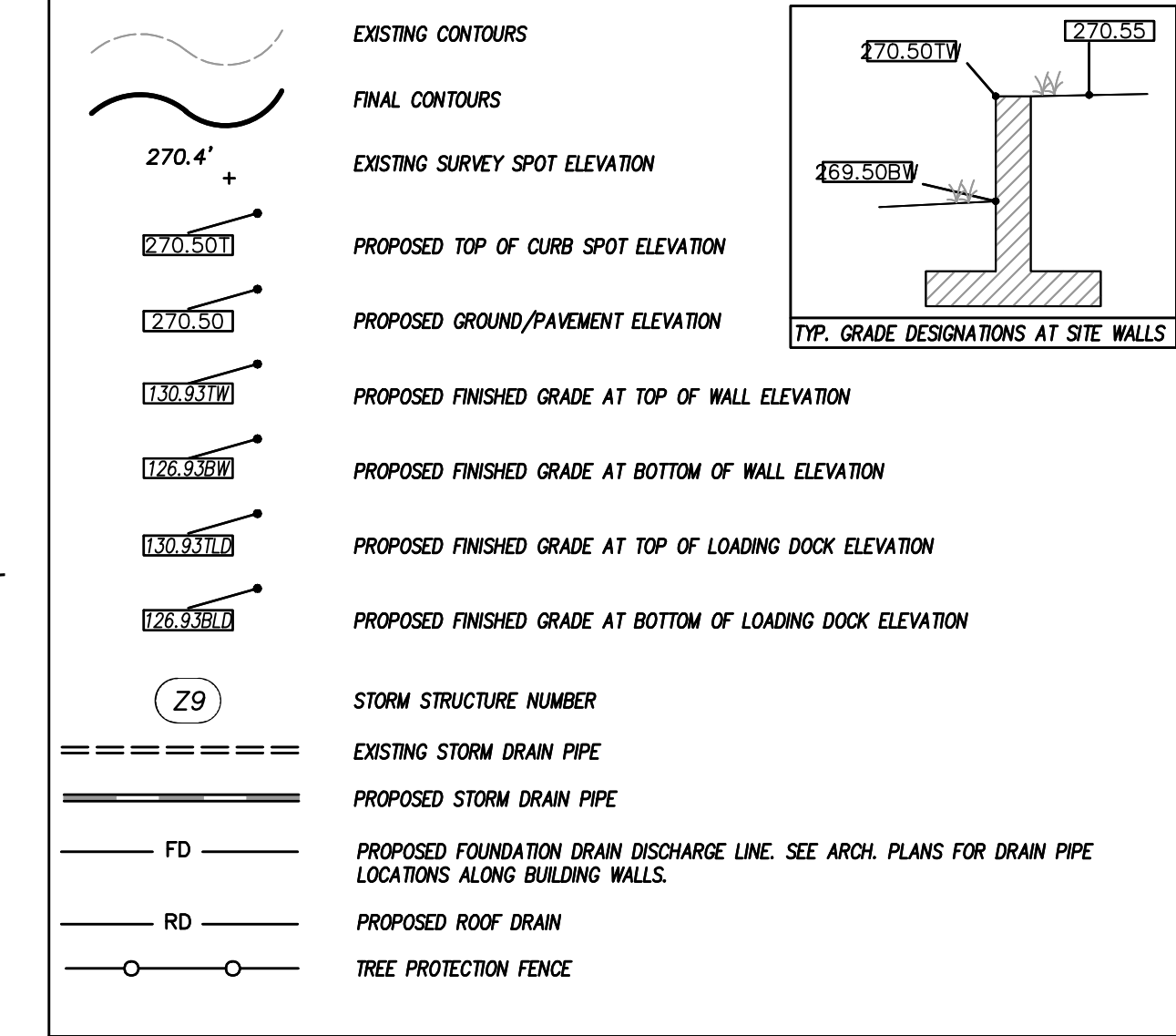


ADD ALTERNATE 1



ADD ALTERNATE 2

GRADING LEGEND



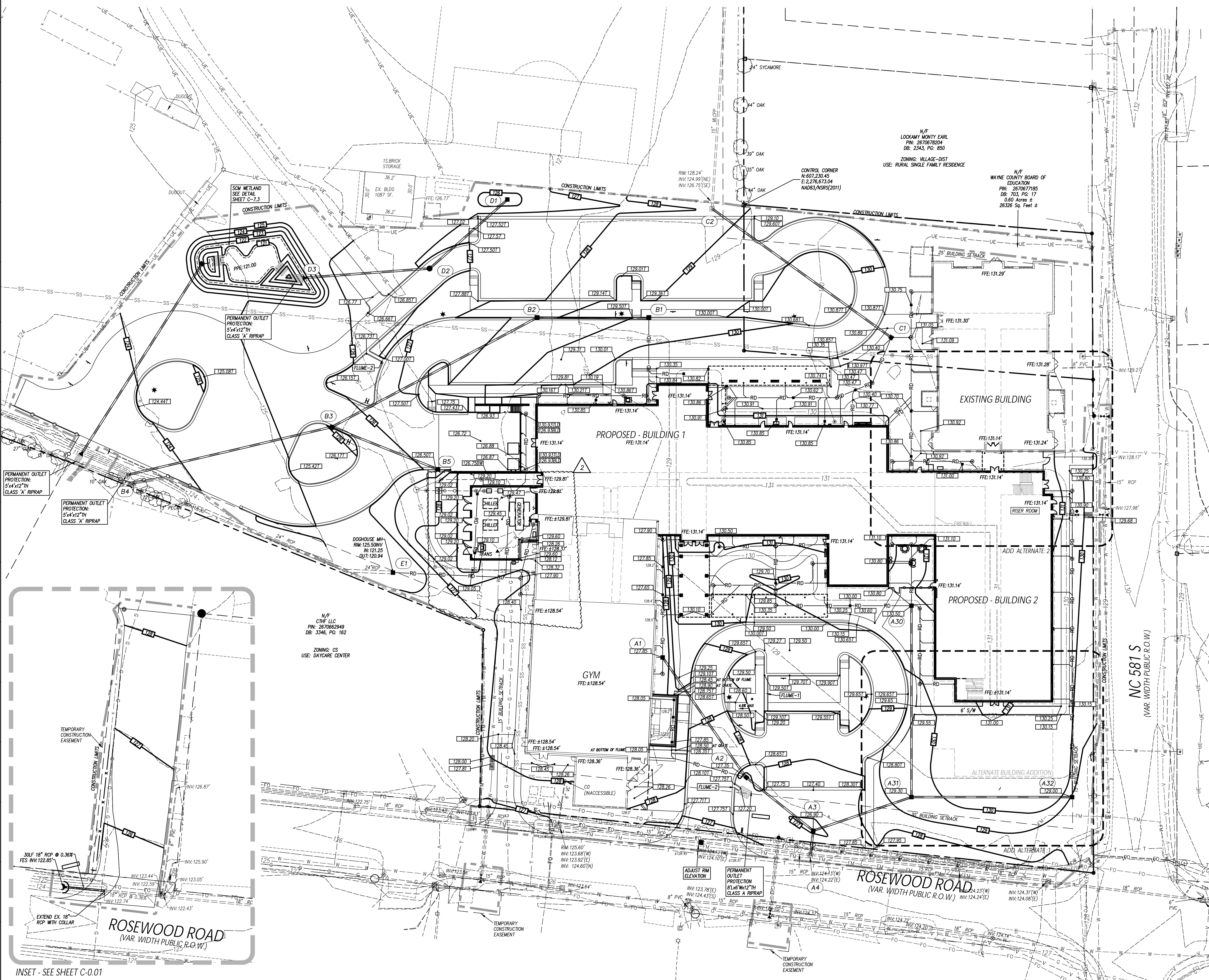
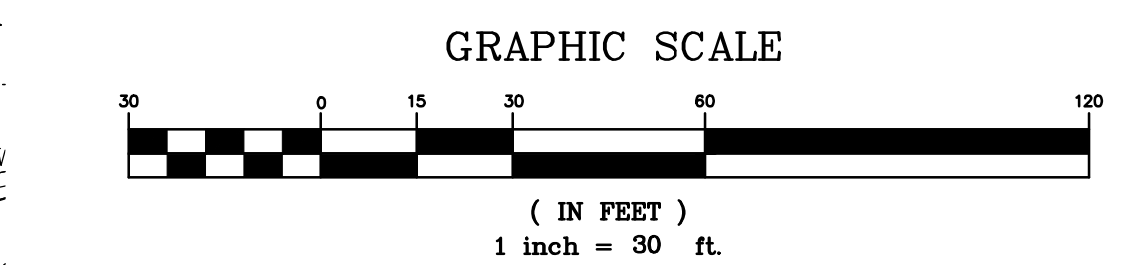
GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF GOLDSBORO AND NC DOT STANDARDS AND SPECIFICATIONS.
- ALL SPOT ELEVATIONS INDICATED AT CURB AND GUTTER AND ARE DENOTED TO TOP OF CURB, UNLESS OTHERWISE SHOWN.
- TOTAL DERIVED AREA = 6 AC.
- CONTRACTOR SHALL ADJUST ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, CLEANOUTS, ETC. AS NEEDED TO MATCH FINISH GRADE.
- ALL BACKFILL, COMPACTION, SOILS TESTING, ETC. SHALL BE PERFORMED BY THE OWNERS INDEPENDENT TESTING LABORATORY. (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION).
- ALL STORM DRAIN PIPES SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER STOPPAGE OF WORK EACH DAY. SEE DETAIL ON SHEET C-7.00.
- EXISTING VEGETATION WITHIN TREE PROTECTION AREAS SHALL REMAIN UNDISTURBED, UNLESS NOTED OTHERWISE.
- ANY AND ALL LANDSCAPING AND EXISTING TREES & SHRUBS TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR UTILIZING A LICENSED LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- THE GRADING CONTRACTOR SHALL COMPLY WITH ALL STATE CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF-SITE.
- THE GRADING CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY STATE AUTHORITIES OR THE ARCHITECT.
- THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL CLEANING AND GRADING WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.
- CONTRACTOR SHALL VERIFY ALL EXISTING ELEVATIONS WHERE NEW CONSTRUCTION JOIN OR CONNECT TO EXISTING PAVEMENT, CURB AND OTHER ROAD STRUCTURES. NOTIFY ARCHITECT IF DISCREPANCIES OCCUR.

DRAINAGE STRUCTURE SCHEDULE

| STRUCTURE NO. | PIPE DIA. | PIPE LENGTH | UPPER INV. | LOWER INV. | UPSTREAM STRUCTURE DATA | NOTES |
|---------------|-----------|-------------|------------|------------|-------------------------|------------------------------|
| A1 | A2 | 0.52% | 15 | 105 | RCP | 125.35 124.80 127.85 2.50 DI |
| A2 | A3 | 0.57% | 15 | 61 | RCP | 124.75 124.40 127.35 2.60 DI |
| A3 | A4 | 0.59% | 15 | 17 | RCP | 124.35 124.25 126.90 2.55 DI |
| A30 | A31 | 0.51% | 15 | 138 | RCP | 125.65 124.95 130.50 4.85 DI |
| A31 | A3 | 0.53% | 15 | 75 | RCP | 124.85 124.45 129.30 4.45 DI |
| A32 | A31 | 0.52% | 15 | 116 | RCP | 125.55 124.95 128.00 3.45 DI |
| B1 | B2 | 0.51% | 15 | 80.36 | RCP | 121.37 120.96 129.54 8.17 CB |
| B2 | B3 | 0.50% | 15 | 167.4 | RCP | 120.86 120.02 128.80 7.94 CB |
| B3 | B4 | 0.61% | 15 | 151.44 | RCP | 119.92 119.00 128.12 6.20 CB |
| B5 | B3 | 0.61% | 15 | 82.21 | RCP | 120.52 120.02 126.50 5.98 CB |
| C1 | C2 | 0.54% | 15 | 158.62 | RCP | 126.05 125.20 130.40 4.35 DI |
| D1 | D2 | 0.56% | 15 | 74.76 | RCP | 122.00 121.58 125.50 3.50 DI |
| D2 | D3 | 0.52% | 15 | 91.54 | RCP | 121.48 121.00 126.68 5.20 MH |

- LEGEND
- CB CATCH BASIN, SEE DETAIL SHEET C-9.00.
 - DI DROP INLET, SEE DETAIL SHEET C-9.00.
 - MH MANHOLE, SEE DETAIL SHEET C-9.00.
 - FES PRECAST FLARED END SECTION
 - PE PLAIN END PIPE
 - (A2) STRUCTURE I.D. NUMBER
- NOTES
- TOP ELEVATION IS TOP OF BACK OF CURB FOR CATCH BASINS, TOP OF RM DUCTILE INLETS, AND FINISH GRADE FOR CLEANOUTS.
 - ALL FES INLETS & OUTLETS SHALL BE RCP.
 - DUCTILE IRON PIPE(DIP) SHALL HAVE WATER TIGHT JOINTS.



INSET - SEE SHEET C-0.01

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27550

SEALS

DKA JOB NUMBER
2401

| REVISIONS | | |
|-----------|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

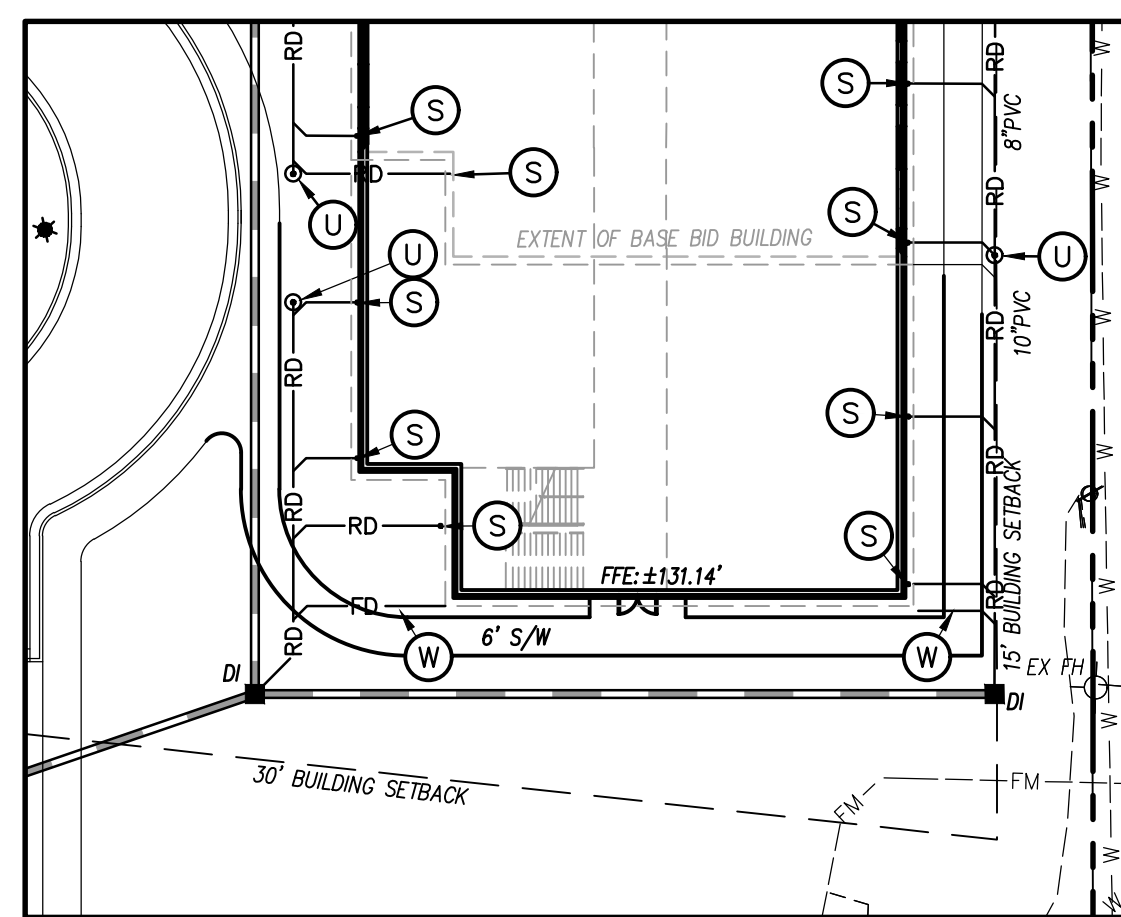
These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2024 by Davis Kane Architects, P.A.
All rights reserved.

PA: RENEE PFEIFER
PM: RW
Drawn By: PH
Plot Date: 01/08/2025

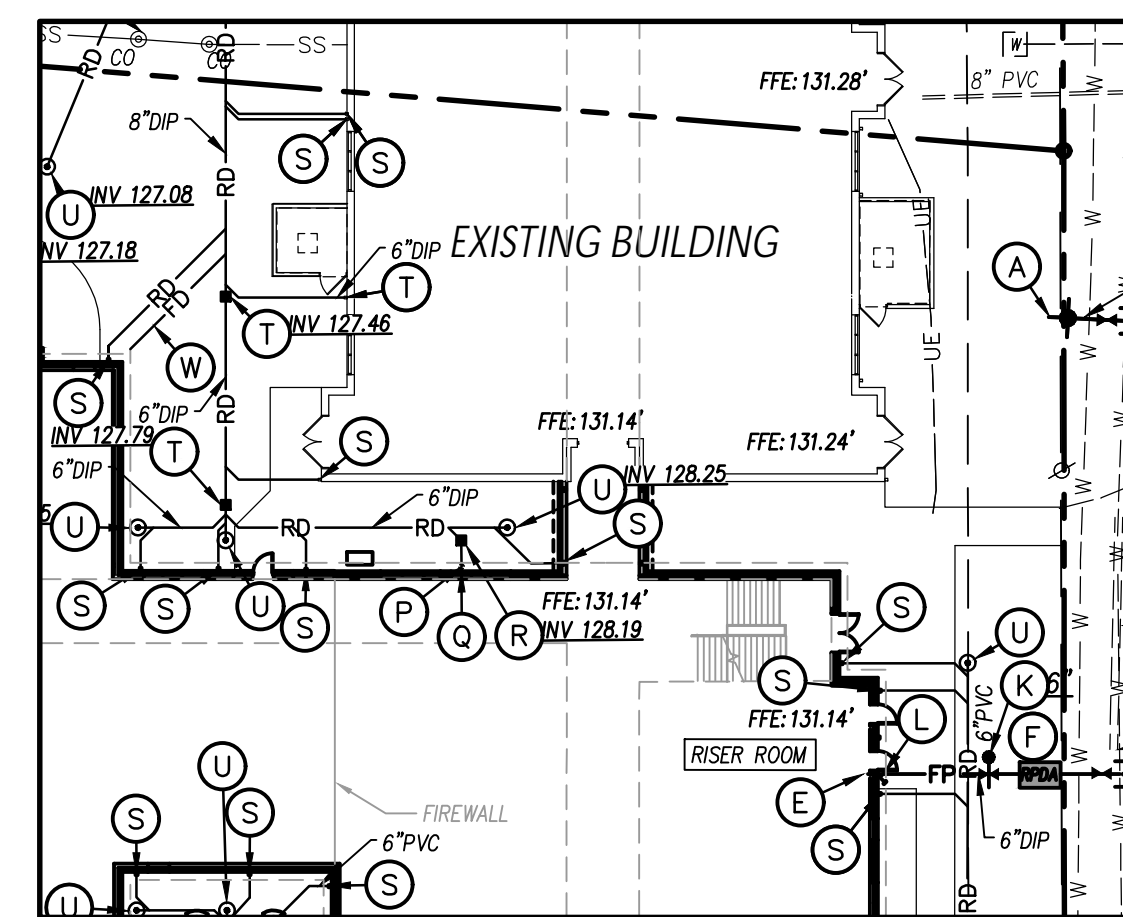
DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
UTILITY PLAN

C-5.01



ADD ALTERNATE 1



ADD ALTERNATE 2

UTILITY LEGEND

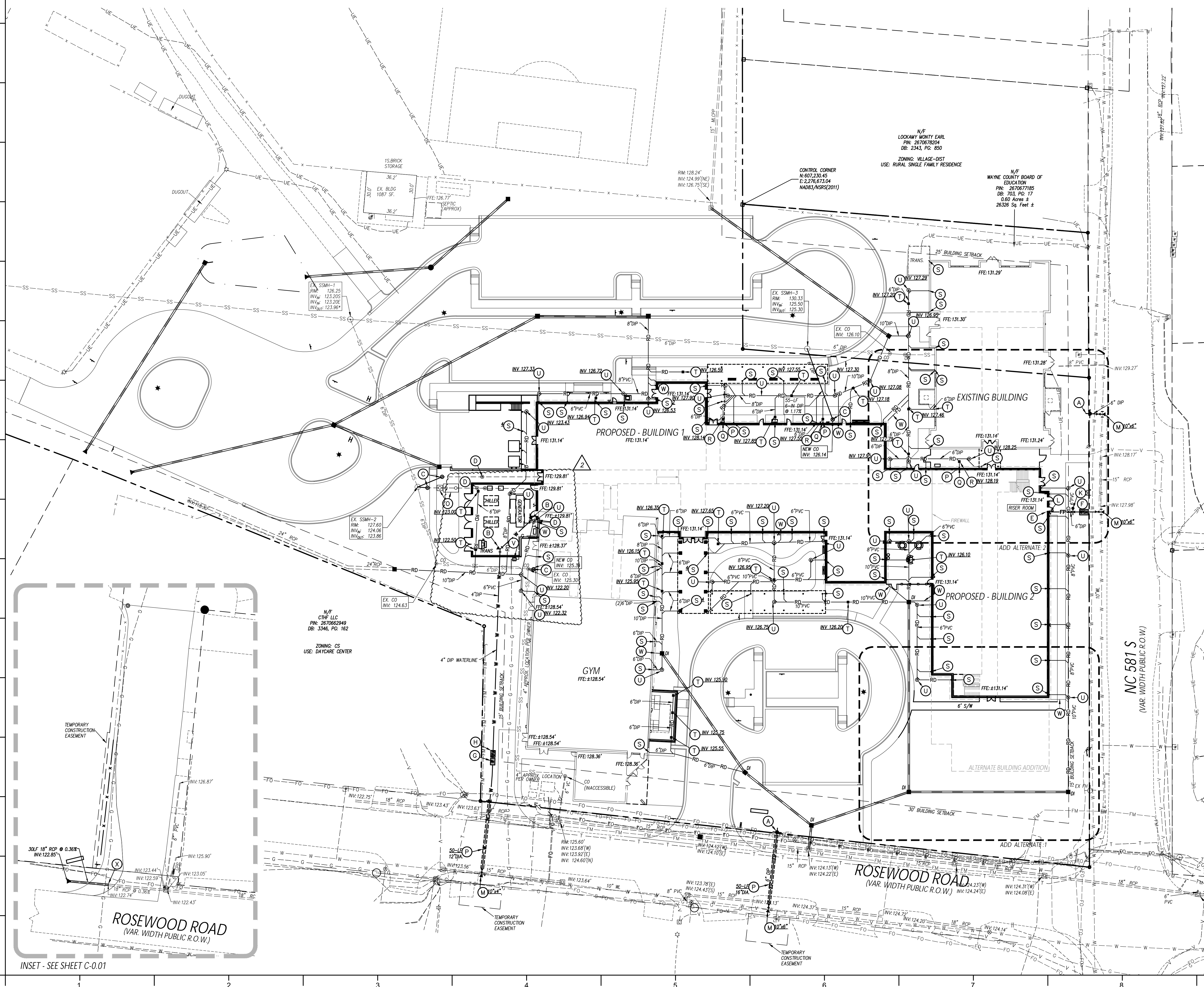
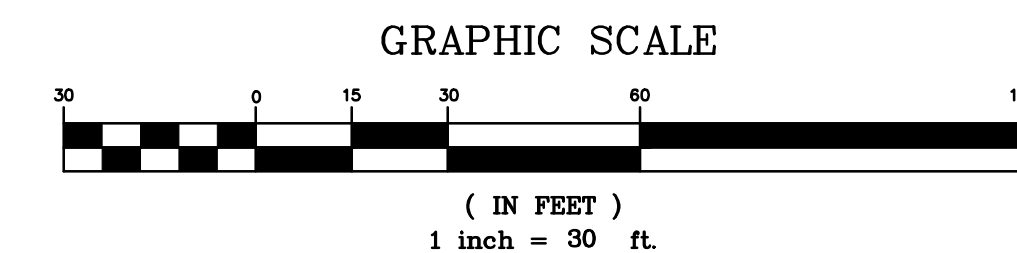
| | EXISTING | PROPOSED |
|----------------------------------------------------|--------------|----------|
| CHILLED WATER | -----CW | CW |
| ELECTRICAL (OVERHEAD) | -----E | E |
| ELECTRICAL (UNDERGROUND) | -----UE | UE |
| FOUNDATION DRAIN | -----FD | FD |
| GAS | -----G | G |
| SANITARY SEWER | -----SS | SS |
| TELEPHONE (OVERHEAD) | -----T | T |
| TELEPHONE (UNDERGROUND) | -----UT | UT |
| WATER | -----W | W |
| ROOF DRAIN | -----RD | RD |
| FIRE PROTECTION | -----FP | FP |
| STORM DRAIN | -----SD | SD |
| TREE PROTECTION FENCING, SEE EROSION CONTROL PLANS | | |
| LIGHT POLE | ☆ LP | ☆ |
| UTILITY POLE | PP | PP |
| MANHOLE | ⊙ MH | ⊙ |
| CLEAN OUT | ⊙ CO | ⊙ |
| DROP INLET, CATCH BASIN, INLET DRAIN | □ DI, CB, ID | □ |
| FIRE HYDRANT | ⊙ FH | ⊙ |
| WATER VALVE | ⊙ WV | ⊙ |
| POST INDICATOR VALVE (PIV) | ⊙ PIV | ⊙ |
| FIRE DEPARTMENT CONNECTION (FDC) | ⊙ FDC | ⊙ |
| THRUST BLOCKING | ⊙ TB | ⊙ |
| SANITARY SEWER STRUCTURE IDENTIFICATION | ⊙ SSI | ⊙ |

GENERAL NOTES-UTILITY

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF GOLDSBORO AND NCSD STANDARDS, SPECIFICATIONS AND DETAILS.
- INSTALL WATERMANS WITH A COVER OF NO LESS THAN 3'-FT.
- INSTALL SEWER MAINS WITH A COVER OF NO LESS THAN 3'-FT TO FINISH GRADE IN NON-TRAFFIC AREAS, 4'-FT TO FINISH GRADE IN TRAFFIC AREAS.
- INSTALL ALL UTILITIES TO PROVIDE REQUIRED CLEARANCES AS INDICATED IN THE SPECIFICATIONS.
- WATERLINES AND SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL CLEARANCE OF 10'-FT.
- SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM VERTICAL CLEARANCE OF 24"-IN TO STORM DRAINAGE PIPES.
- COORDINATE AND SCHEDULE INSTALLATION OF ALL UTILITIES WITH OTHER PRIME CONTRACTORS, UTILITY COMPANIES AND OTHER TRADES INCLUDING BUT NOT LIMITED TO: NATURAL GAS, ELECTRICITY, TELEPHONE AND CABLE.
- VERIFY EXISTING CONDITIONS AND CONNECTIONS TO EXISTING UTILITIES PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT IF ANY DISCREPANCIES ARE DISCOVERED.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES DURING CONSTRUCTION AND SHALL MAKE REPAIRS AT NO EXPENSE TO THE OWNER.
- ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE NCSBC AND OSHA REQUIREMENTS.
- THE CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY OF ALL UTILITY AND STORM DRAINAGE IMPROVEMENTS FOLLOWING CONSTRUCTION. SEE SPECS FOR ALL AS-BUILT REQUIREMENTS.
- CONTRACTOR SHALL PHASE DEMOLITION AND NEW CONSTRUCTION TO ENSURE UNINTERRUPTED ACCESS AND UTILITY SERVICE TO ADJACENT FACILITIES. COORDINATE SHORT-TERM, OFF-HOURS, TEMPORARY SHUT-DOWNS WITH THE OWNER.
- SEE GENERAL NOTES ON EXISTING CONDITIONS AND DEMOLITION PLAN FOR REQUIREMENTS FOR REMOVAL AND PATCHING OF PAVEMENT FOR UTILITY INSTALLATION.
- ALL ROOF DRAINS SHALL BE 6" PVC (SCH 40) @ 1.04% MIN. SLOPE UNLESS INDICATED OTHERWISE. USE DUCTILE IRON WHEN COVER IS LESS THAN 24"-IN.
- ALL SANITARY SEWER SERVICES SHALL BE 4" PVC (SCH 40) @ 0.04% MIN. SLOPE UNLESS INDICATED OTHERWISE. USE DUCTILE IRON WHEN COVER IS LESS THAN 24"-IN.
- ALL CONDENSATE LINES SHALL BE CONNECTED TO STORM DRAINAGE SYSTEM.
- NO WORK SHALL BE PERFORMED ON RIGHT-OF-WAYS OR ADJACENT PROPERTIES UNTIL THE OWNER NOTIFIES CONTRACTOR IN WRITING OF PROCUREMENT OF APPROPRIATE PERMITS, EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY.

KEY NOTES

- (A) FIRE HYDRANT ASSEMBLY, SEE DETAIL SHEET C-9.01.
- (B) THRUST BLOCKING, TYP. SEE DETAIL SHEET C-9.01.
- (C) SANITARY SEWER CLEANOUT, SEE DETAIL SHEET C-9.00.
- (D) EXTEND UTILITY TO WITHIN 5'-0" OF BUILDING WALL, OR AS INDICATED ON PLUMBING PLANS. REFER TO PLUMBING PLANS FOR LOCATION AND INVERTS.
- (E) EXTEND WATER MAIN TO 12"-IN ABOVE FINISH FLOOR FOR FIRE PROTECTION/PLUMBING CONNECTION. SEE DETAIL SHEET C-9.01. REFER TO FIRE PROTECTION/PLUMBING PLANS FOR EXACT LOCATION.
- (F) 8-IN WATTS MODEL 957RPPA REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA) WITHIN HEATED ENCLOSURE. SEE DETAIL SHEET C-9.00. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (G) 4-IN DOMESTIC WATER METER. SEE DETAIL SHEET C-9.01.
- (H) 4-IN WATTS MODEL L7900-LF REDUCED PRESSURE ASSEMBLY (RPA) WITHIN HEATED ENCLOSURE. SEE DETAIL SHEET C-9.01. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (I) GATE VALVE AND VALVE BOX, SEE DETAIL SHEET C-9.01. VALVE DIAMETER TO MATCH WATER LINE DIAMETER. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (J) FIRE DEPARTMENT CONNECTION ON EXTERIOR BUILDING WALL. SEE FIRE PROTECTION PLAN.
- (K) TAPPING SLEEVE, VALVE AND BLOCCING ASSEMBLY, SEE DETAIL SHEET C-9.00.
- (L) RESTRAIN FIRE HYDRANT THROUGH VALVE TO THRUST COLLAR.
- (M) 2,000-GALLON GREASE INTERCEPTOR WITH SAMPLING VAULT, SEE PLUMBING PLANS.
- (N) HORIZONTAL INLINE BACKWATER VALVE, SEE PLUMBING PLANS.
- (O) 3-IN CONDENSATE LINE, SEE PLUMBING PLANS.
- (P) CONDENSATE RELIEF BASIN, SEE DETAIL SHEET C-9.00.
- (Q) CONNECT TO DOWNSPOUT ROOT. SEE ARCHITECTURAL PLAN FOR DETAIL.
- (R) 4-IN IN-LINE DRAIN, SEE DETAIL SHEET C-9.00.
- (S) ROOF DRAIN CLEANOUT, SEE DETAIL SHEET C-9.00.
- (T) GAS METER WITH 2" NATURAL GAS PIPING, SEE PLUMBING PLAN.
- (U) CONNECT 4-IN PVC TO FOUNDATION DRAIN. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR MORE INFORMATION.
- (X) PIPE COLLAR, SEE DETAIL SHEET C-9.01.



INSET - SEE SHEET C-0.01

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27550

SEALS

DKA JOB NUMBER

2401

REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be reproduced for any purpose without written permission.
Copyright © 2024 by Davis Kane Architects, P.A.
All rights reserved.

PA: RENEE PFEIFER
PM: RW
Drawn By: PH
Plot Date: 01/10/2025

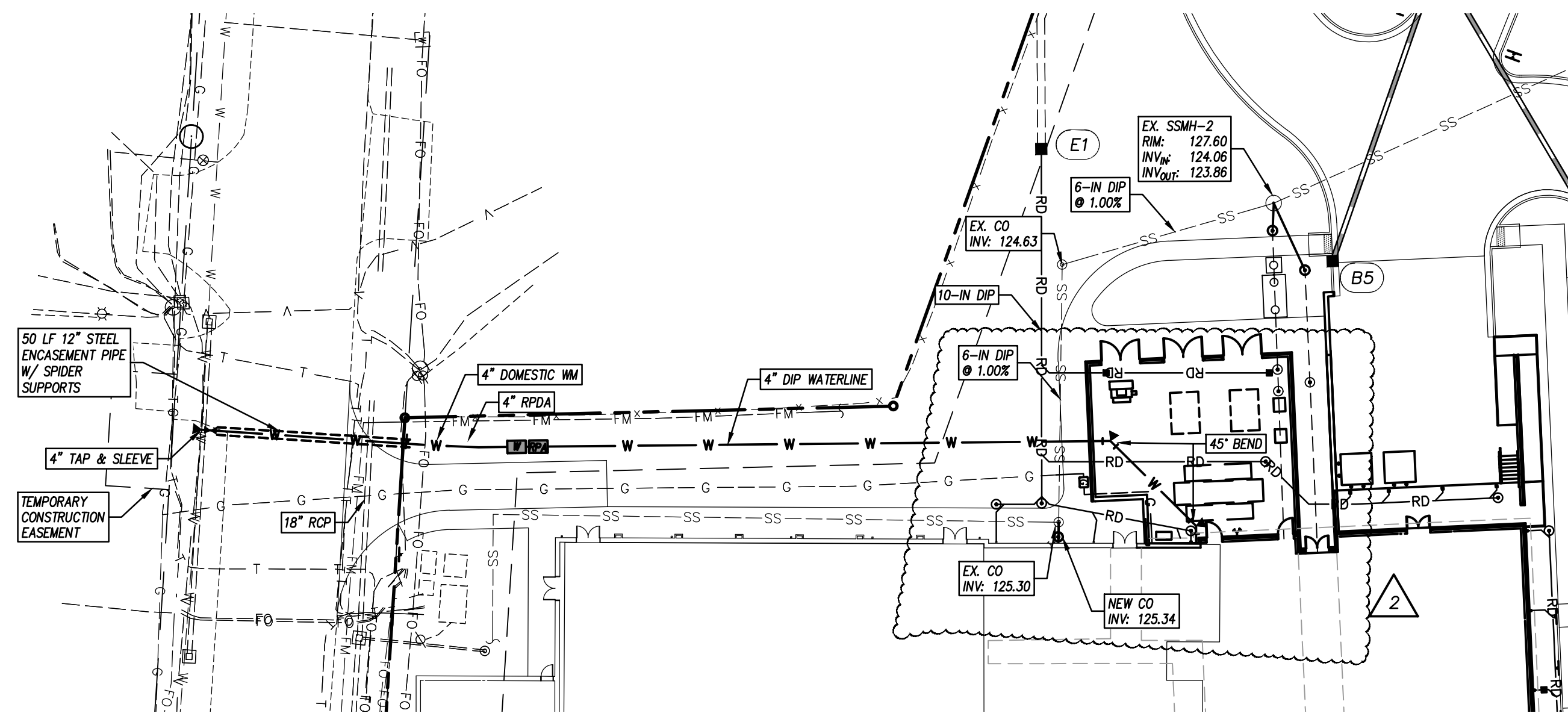
DATE ISSUED

BID DOCUMENTS
01/10/2025

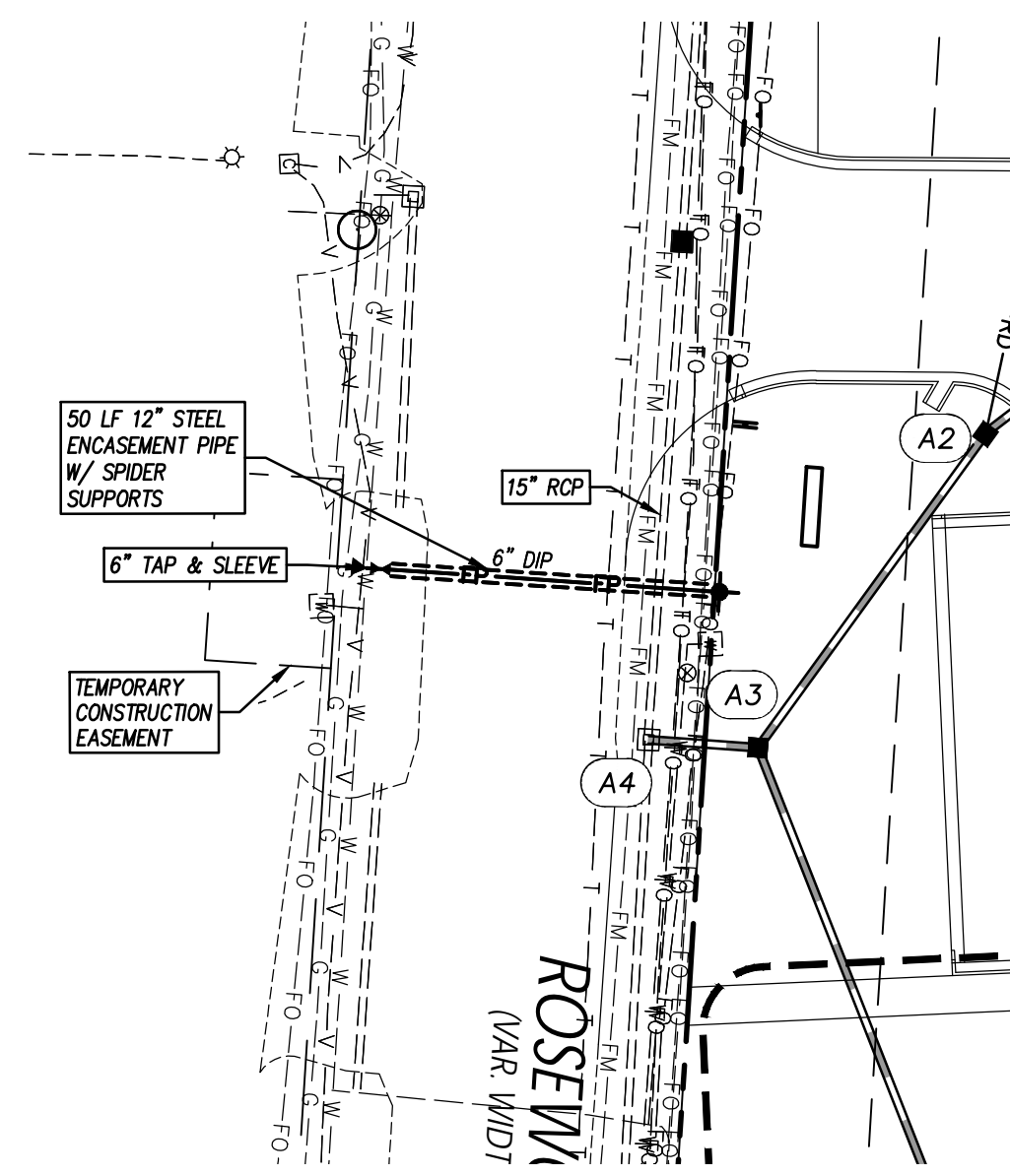
SHEET TITLE

DOMESTIC
WATER LINE
PLAN & PROFILE

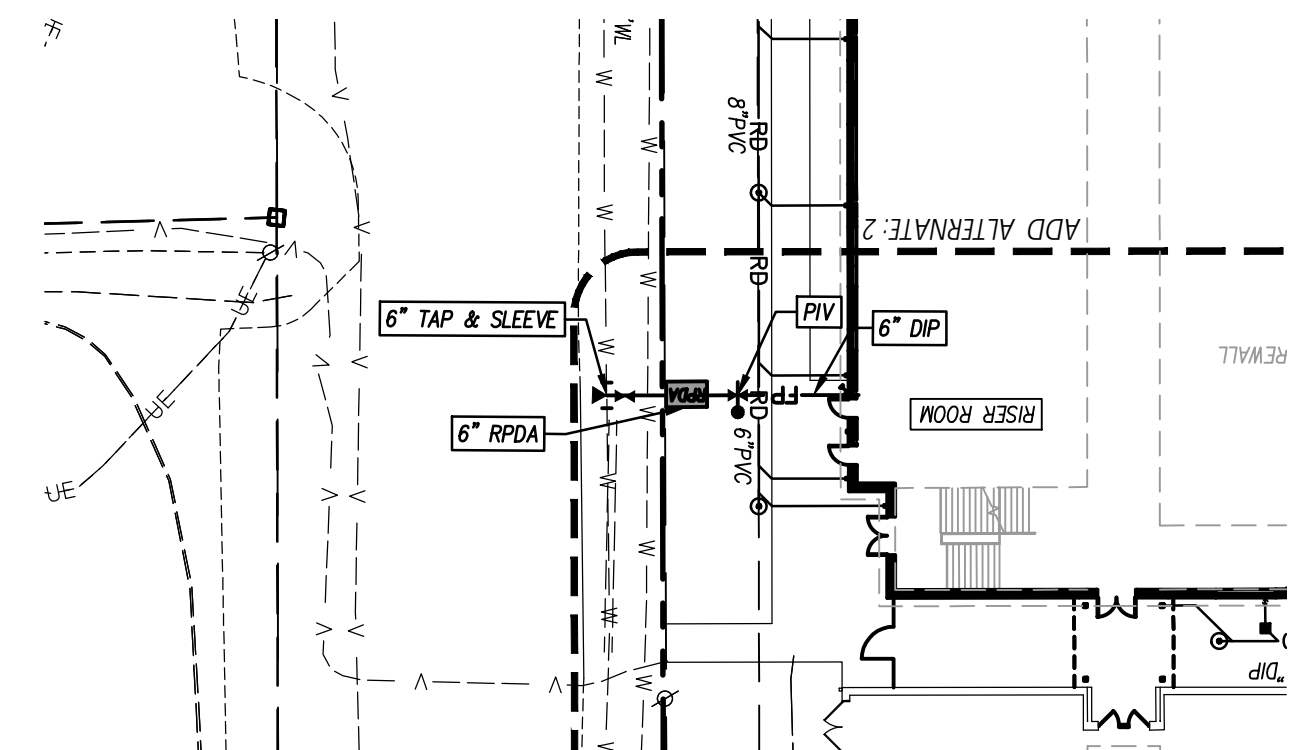
C-5.02



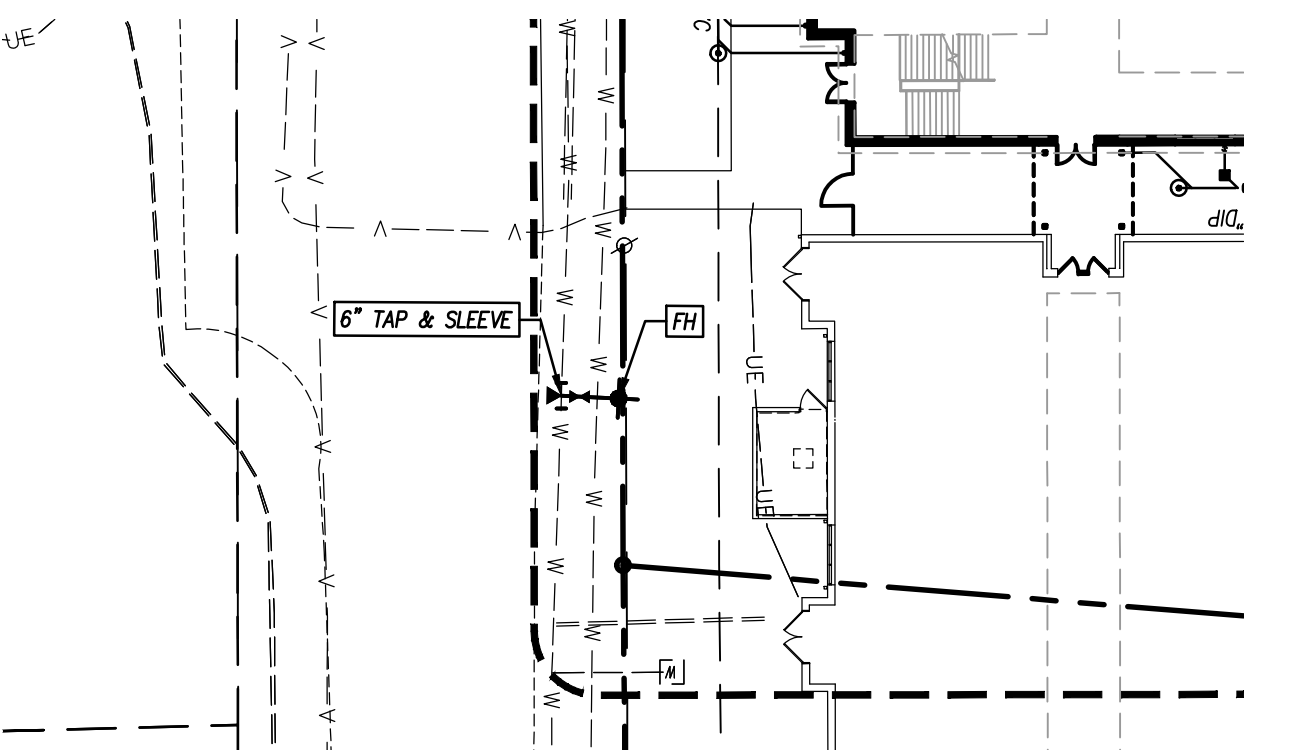
DOMESTIC WATER LINE - PLAN VIEW



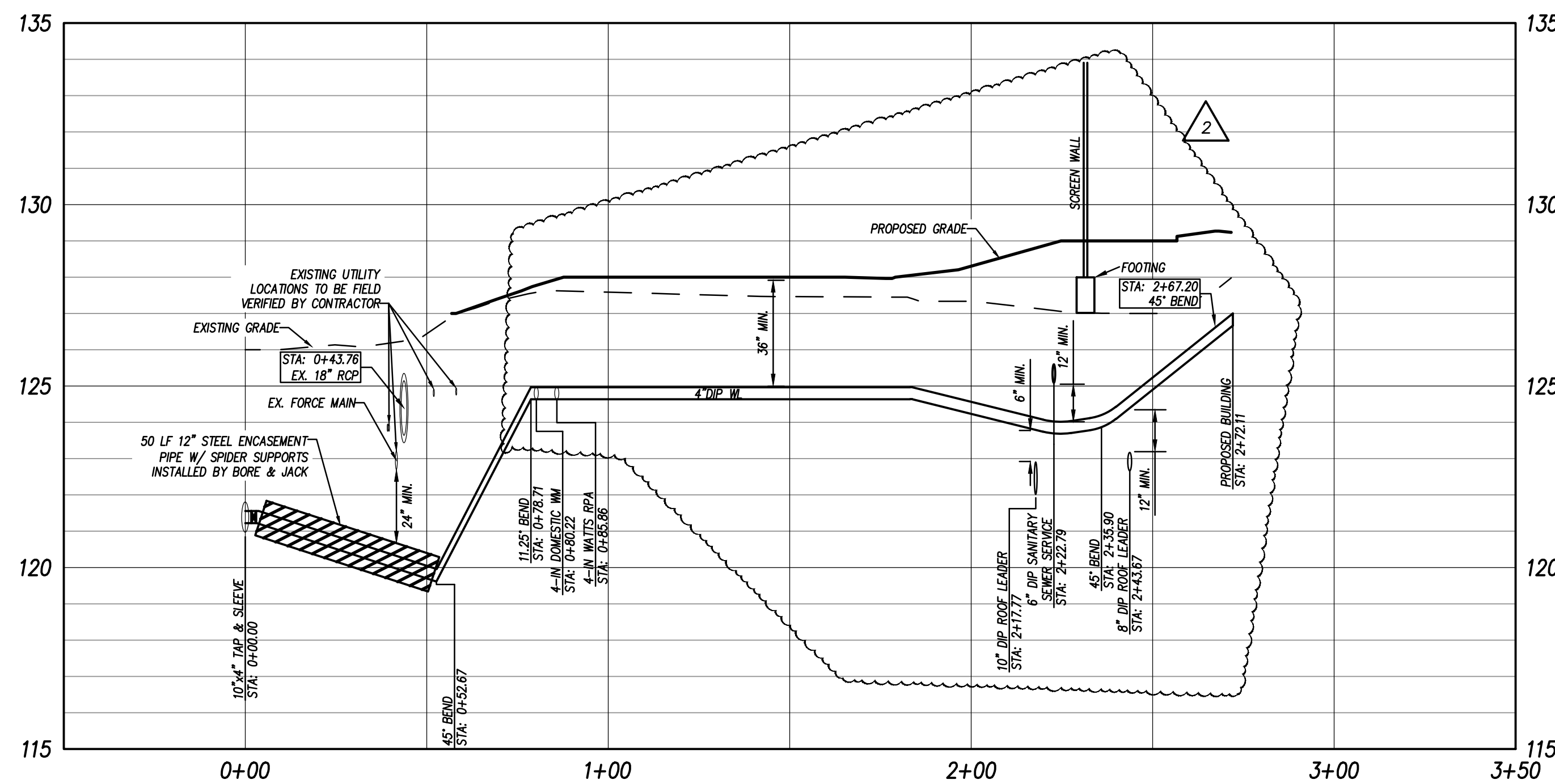
ROSEWOOD RD. FIRE HYDRANT - PLAN VIEW



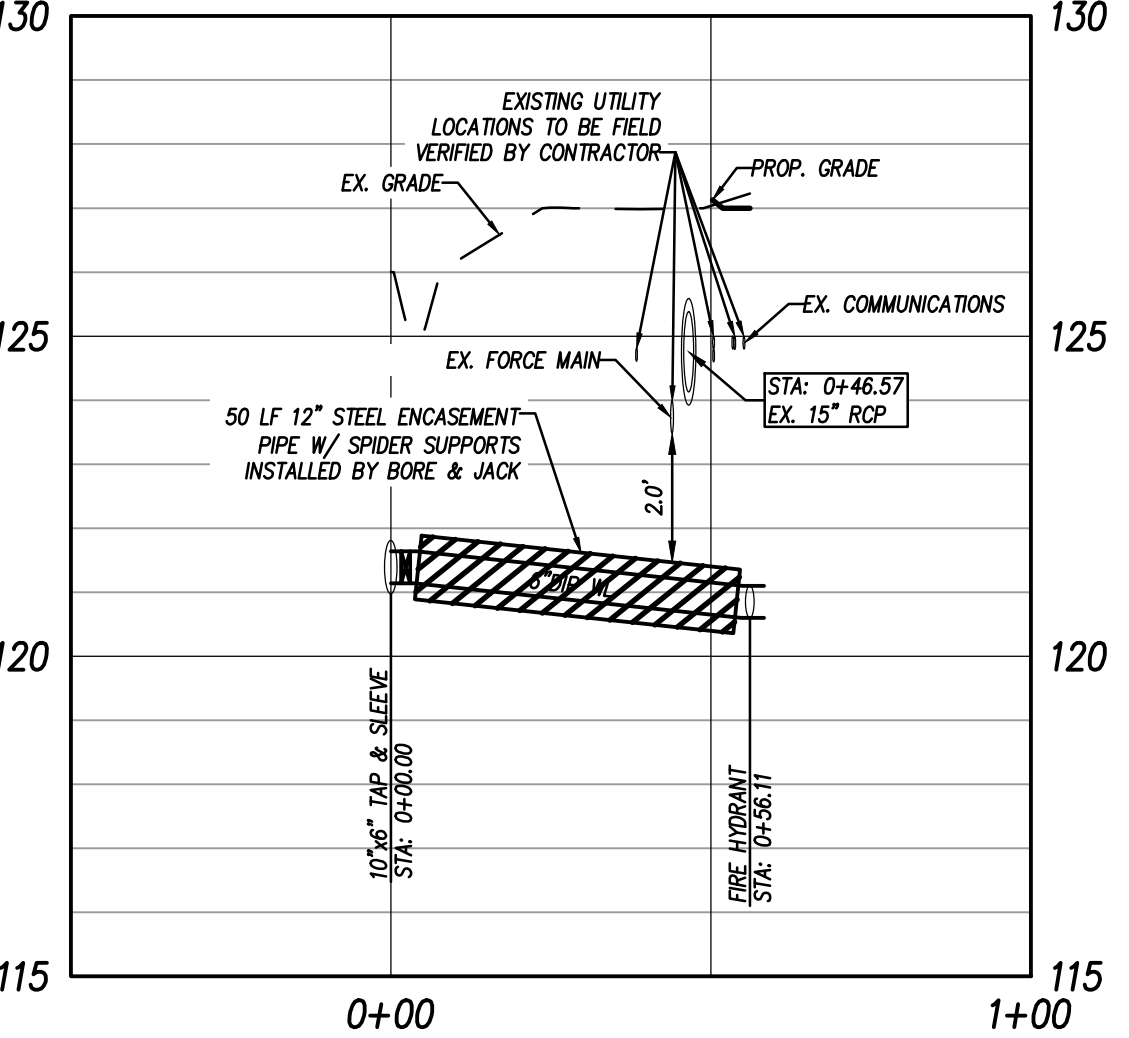
FIRE PROTECTION LINE - PLAN VIEW



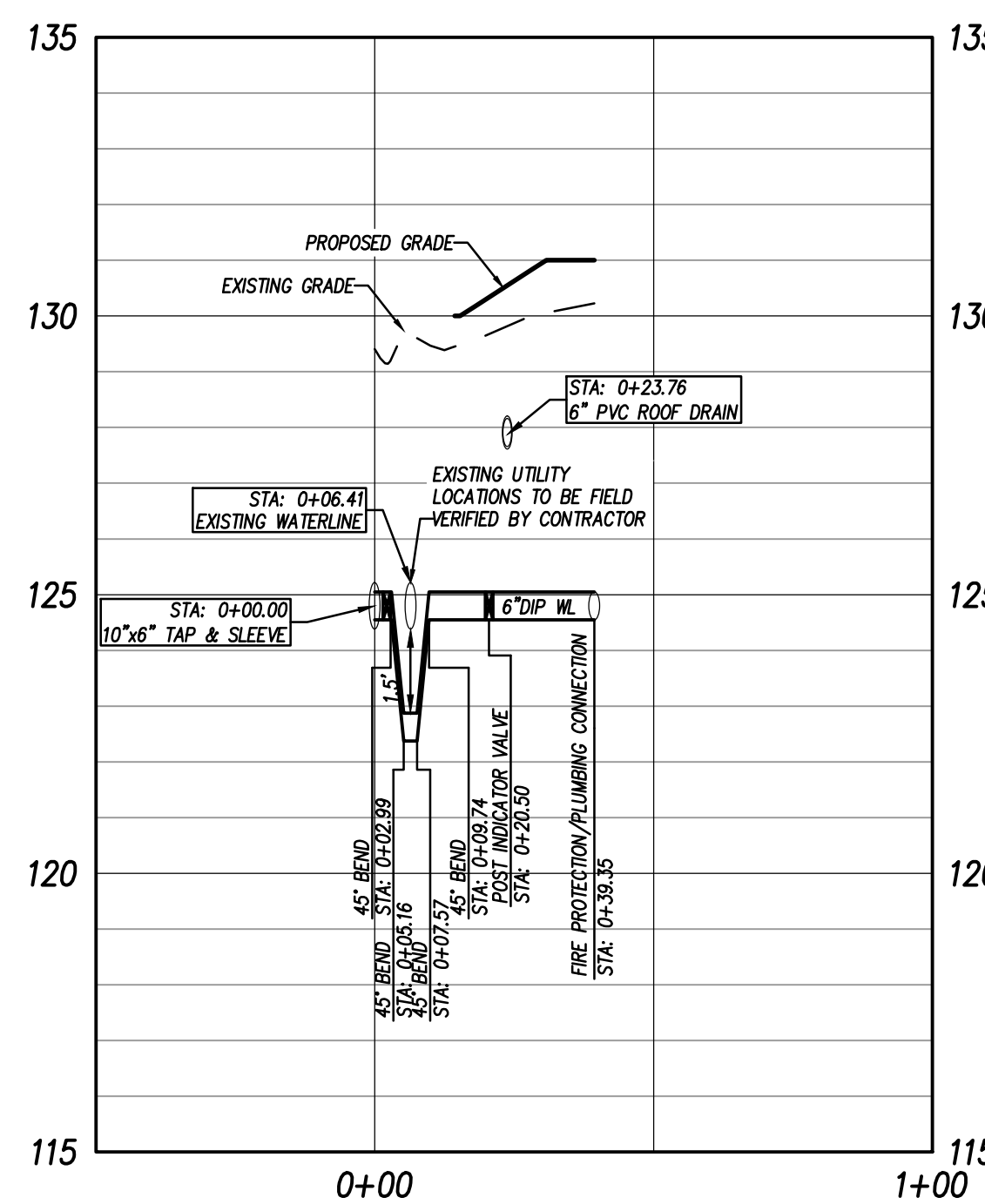
NC 581 FIRE HYDRANT - PLAN VIEW



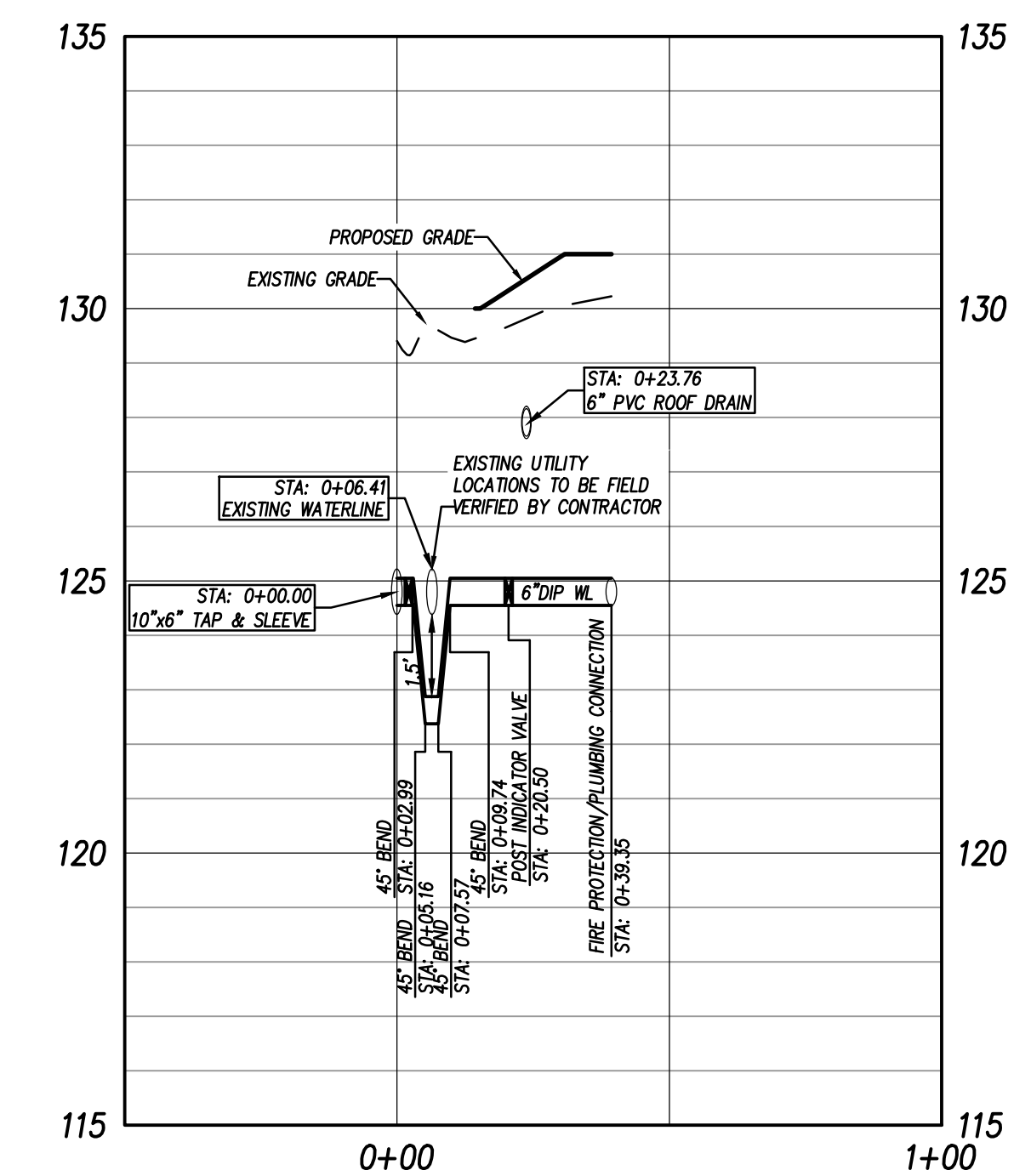
DOMESTIC WATER LINE - PROFILE VIEW



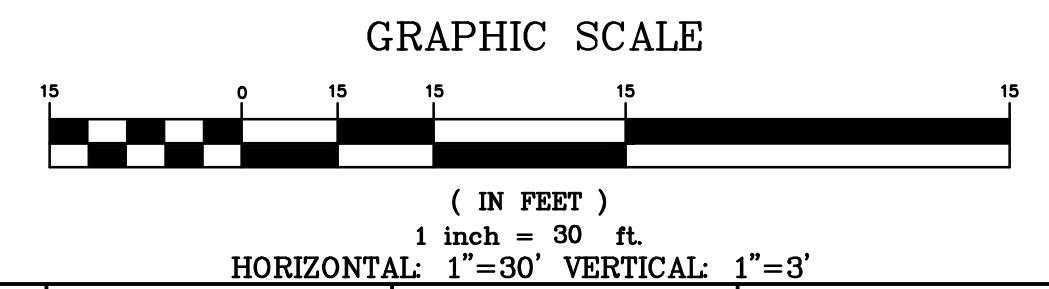
ROSEWOOD RD. FIRE HYDRANT - PROFILE VIEW

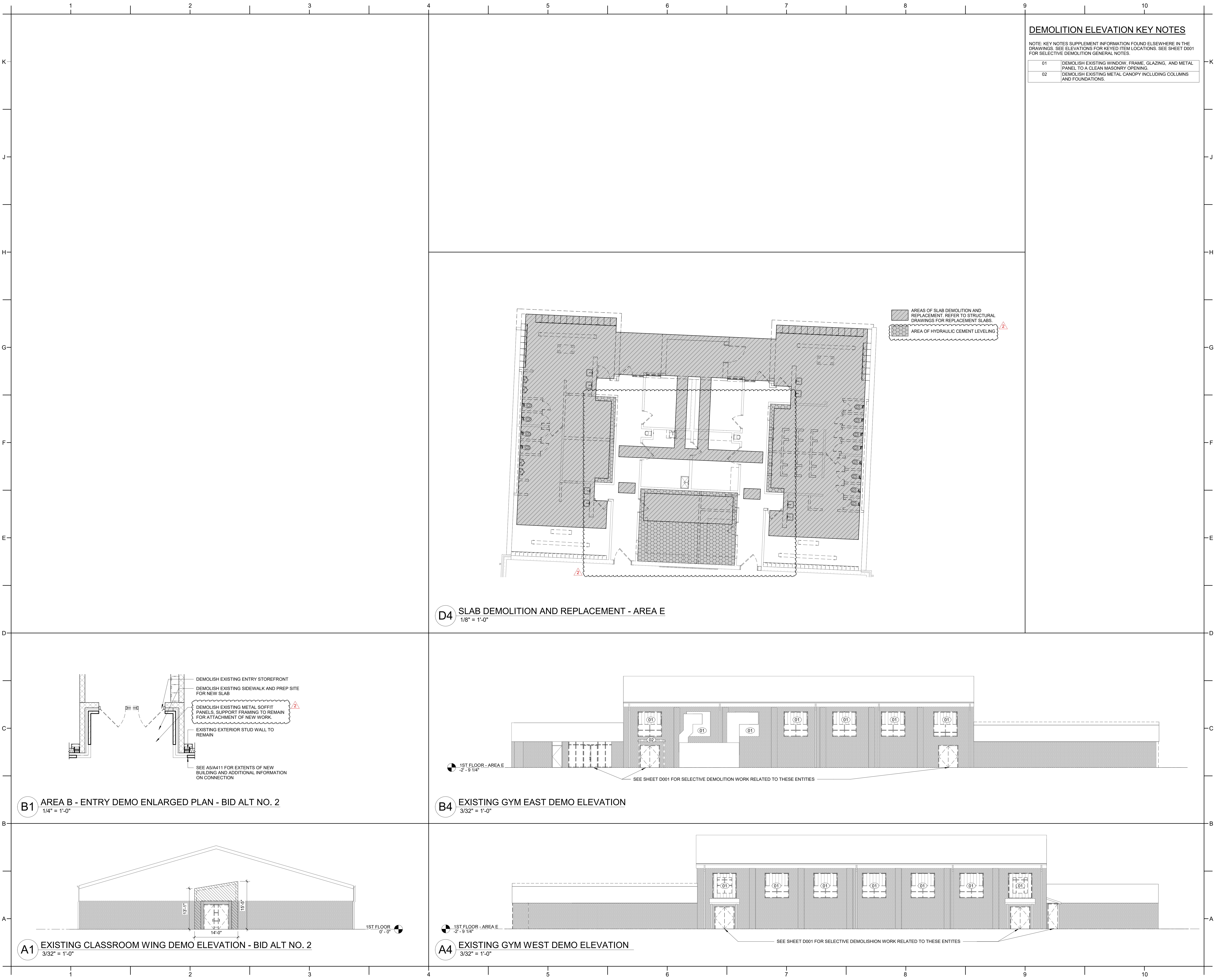


FIRE PROTECTION LINE - PROFILE VIEW

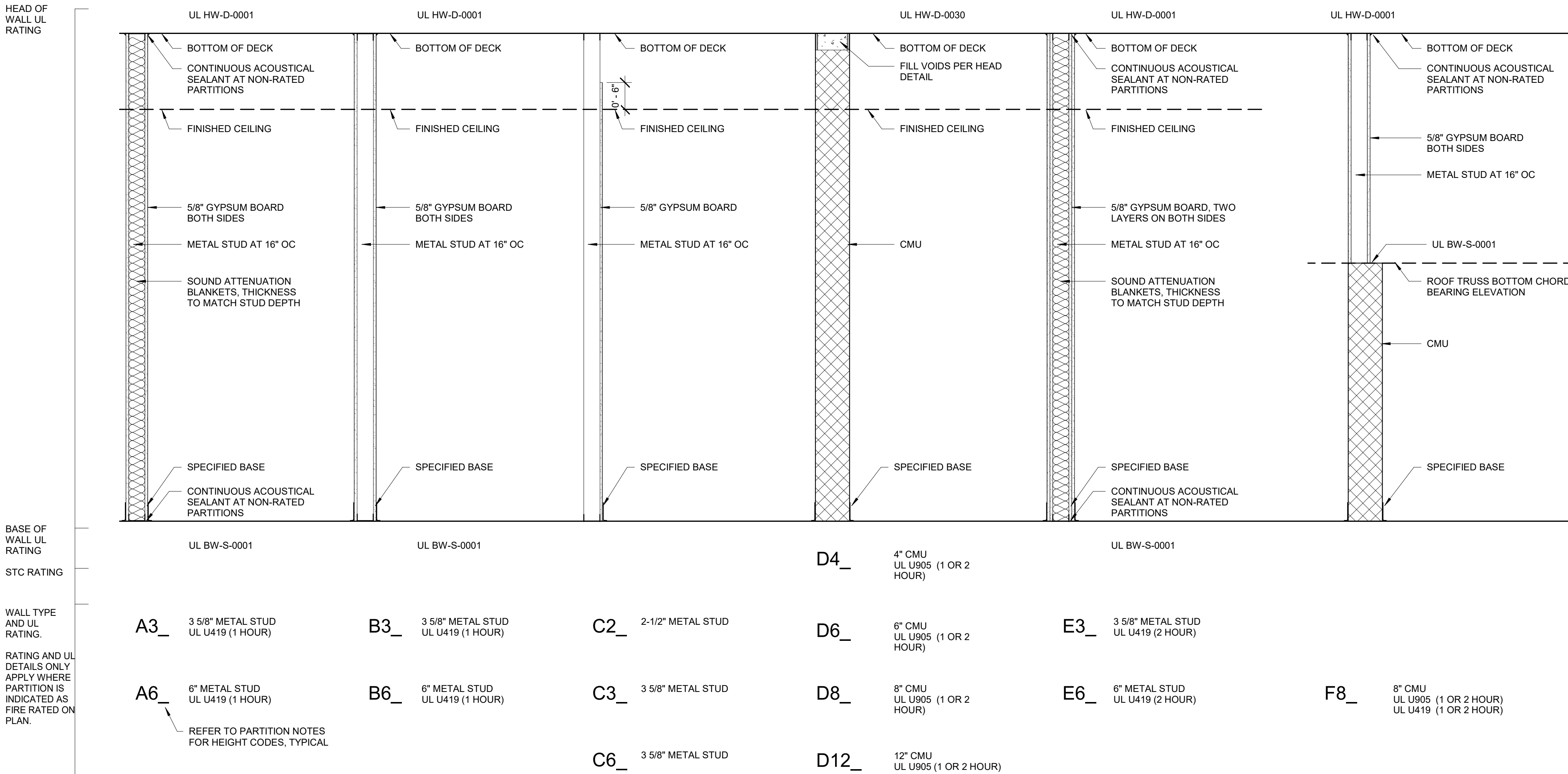


NC 581 FIRE HYDRANT - PROFILE VIEW





INTERIOR PARTITIONS LEGEND

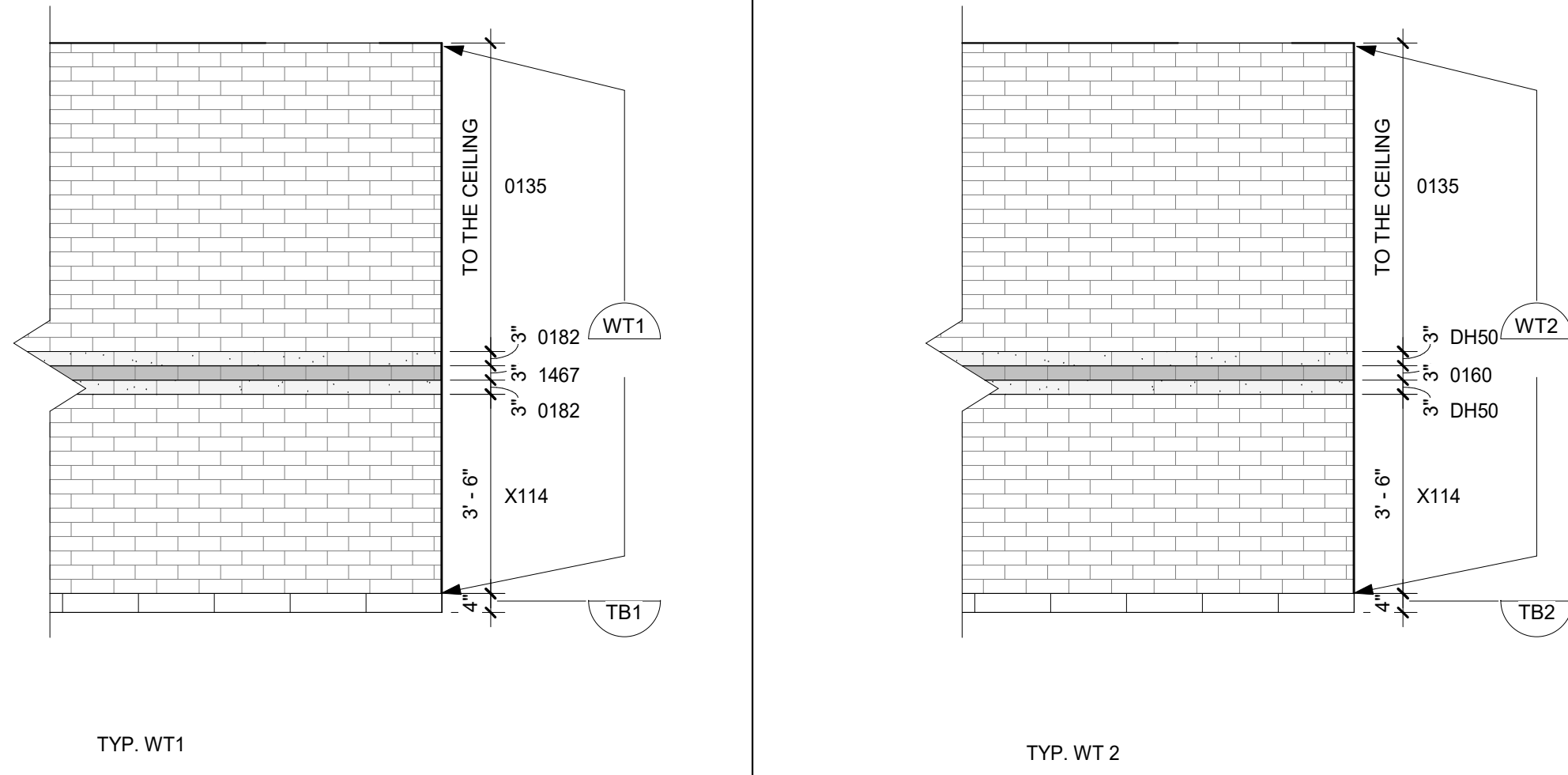


INTERIOR PARTITION NOTES:

- ALL RATED ASSEMBLIES SHALL BE STENCILED IN RED WITH RATED WALL WARNING MESSAGE TO READ AS FOLLOWS: - HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS WITH APPLICABLE HOUR RATING INSERTED. HOUR RATINGS TO BE AS SHOWN ON PLANS. LETTERING TO BE 4\"/>

- _A FULL HEIGHT PARTITION (TO UNDERSIDE OF DECK), FIRE RATED WHERE INDICATED ON PLAN.
- _B PARTITION EXTENDS TO 6\"/>

| MATERIAL LEGEND | | | | |
|---------------------|---------------------------|----------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------|
| FINISH CODE | FINISH TYPE | BOD | DESCRIPTION | COMMENTS |
| CEILING | | | | |
| APC1 | ACOUSTICAL PANEL CEILING | ARMSTRONG | SCHOOL ZONE FINE FISSURED 1733, SQUARE LAY-IN | 24\"/> |
| APC2 | ACOUSTICAL PANEL CEILING | ARMSTRONG | CLEAN ROOM VL UNPERFORATED 869, SQUARE LAY-IN | 24\"/> |
| APC3 | ACOUSTICAL PANEL CEILING | ARMSTRONG | CLEAN ROOM/VL PERFORATED 869, SQUARE LAY-IN | 24\"/> |
| APC4 | ACOUSTICAL PANEL CEILING | ARMSTRONG | CALLA HIGH NRC 2844, SQUARE LAY-IN | 24\"/> |
| FLOORING | | | | |
| CPT1 | CARPET TILE | TARKETT 11615 EDGE EDIT 24X24 | 22404 COMMON GROUND | |
| CPT2 | CARPET TILE | TARKETT 11615 EDGE EDIT 24X24 | 22407 LIGHTNING | |
| S.CONC | SEALED CONCRETE | | | |
| S-CONC | SEALED, FINISHED CONCRETE | | | |
| T1 | TERRAZZO | MASTER TERRAZZO 87269 | LIGHT GRAY MIX | |
| T2 | TERRAZZO | MASTER TERRAZZO 87267 | PURPLE MIX | |
| T3 | TERRAZZO | MASTER TERRAZZO 87268 | YELLOW MIX | |
| TZ6 | WALL BASE | MASTER TERRAZZO87269 | SAME MIXTURE AS TZ1 | |
| MASONRY | | | | |
| BRK1 | BRICK | PALMETTO | MEDIUM RED FLASHED WIRECUT | |
| BRK2 | BRICK | TAYLOR | WIRECUT PEARL GRAY | |
| MILLWORK | | | | |
| PLAM1 | PLASTIC LAMINATE | FORMICA ASHWOOD OAK NATURAL GRAIN TEXTURE | RECEPTION DESK AND CIRCULATION DESK | |
| PLAM2 | PLASTIC LAMINATE | WILSONART PLATINUM D315-60 MATTE | | |
| PLAM3 | PLASTIC LAMINATE | WILSONART HANDSPUN DOVE 5034-38 FINE VELVET FINISH | | |
| PLAM4 | PLASTIC LAMINATE | WILSONART MAJESTY Y0731-60MATTE FINISH | PURPLE | |
| PLAM5 | PLASTIC LAMINATE | WILSONART SUNNY SIDE UP 13069-60 MATTE FINISH | YELLOW | |
| SLSF1 | SOLID SURFACE | WILSONART BLUESTONE 9074EA | RECEPTION DESK AND CIRCULATION DESK | COUNTERTOP |
| PAINT | | | | |
| PNT1 | PAINT | SHERWIN-WILLIAMS 7064 PASSIVE | LIGHT GRAY | FIELD PAINT AND CEILING PAINT |
| PNT2 | PAINT | SHERWIN-WILLIAMS 6818 VALIANT VIOLET | PURPLE PAINT | |
| PNT3 | PAINT | SHERWIN-WILLIAMS 9019 GOLDEN PLUMERIA | YELLOW PAINT | |
| PNT4 | PAINT | SHERWIN-WILLIAMS 7670 GRAY SHINGLE | LIGHT GRAY | INTERIOR DOOR FRAME AND STAIR STRINGERS/RAILS PAINT |
| PNT5 | PAINT | SHERWIN-WILLIAMS 7664 STEELY GRAY | LIGHT GRAY | EXTERIOR DOO FRAME PAINT |
| RESILIENT | | | | |
| RB1 | RUBBER BASE | FLEXCO 036 GRAY | | 4\"/> |
| RB2 | RUBBER BASE | TARKETT BLACK | | 6\"/> |
| VCT1 | VINYL COMPOSITION TILE | AHF CONTRACT ILIAD 12X12 | 50% CR007, 50% CR009 | MIX OF LIGHT GRAY AND DARK GRAY |
| VCT2 | VINYL COMPOSITION TILE | AHF CONTRACT ILIAD AND HIGHLIGHTS 12X12 | 25% CR007, 25% CR009, 25% HR024, 25%HR022 | MIX OF GRAY AND PURPLE |
| VCT3 | VINYL COMPOSITION TILE | AHF CONTRACT ILIAD AND HIGHLIGHTS 12X12 | 25% CR007, 25% CR009, 25% HR014, 25%HR015 | MIX OF GRAY AND YELLOW |
| VCT4 | VINYL COMPOSITION TILE | AHF CONTRACT ILIAD AND HIGHLIGHTS 12X12 | 20% CR007, 20% CR009, 15% HR022, 15% HR024, 15% HR014, 15% HR015 | MIX OF GRAY, PURPLE, AND YELLOW |
| TILE | | | | |
| QT | TILE | QUARRY TILE | ASHEN GRAY | |
| QTB | TILE | QUARRY TILE BASE | ASHEN GRAY | |
| T1 | TILE | DALTILE KEYSTONES 2X2 | SUEDE GRAY SPECKLE D 208 MATTE | |
| T2 | TILE | DALTILE KEYSTONES 2X2 | DESERT GRAY SPECKLE D 200 MATTE | |
| TB1 | TILE | DALTILE KEYSTONES 4X12 | SUEDE GRAY SPECKLE D208 MATTE | MOSAIC 2X2 BUILD UP BASE |
| TB2 | TILE | DALTILE KEYSTONES 4X12 | DESERT GRAY SPECKLE D200 MATTE | MOSAIC 2X2 BUILD UP BASE |
| WT1 | TILE | DALTILE COLOR WHEEL CLASSIC 3X6 | 0135, 1467, 0182, X114 | |
| WT2 | TILE | DALTILE COLOR WHEEL CLASSIC 3X6 | 0135, 0160, DH50, X114 | |
| WT3 | TILE | DALTILE COLOR WHEEL CLASSIC 3X6 | X114 | |
| WALLCOVERING | | | | |
| VW1 | WALLCOVERING | WOLF GORDON RGL 5414 FOG | VINYL | ACCENT WALL |



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 481 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

| | | |
|---|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.

Copyright © 2025 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON

PM: BETH KING

Drawn By: SCOTT KRABATH

Plot Date: 2/10/2025 6:23:45 PM

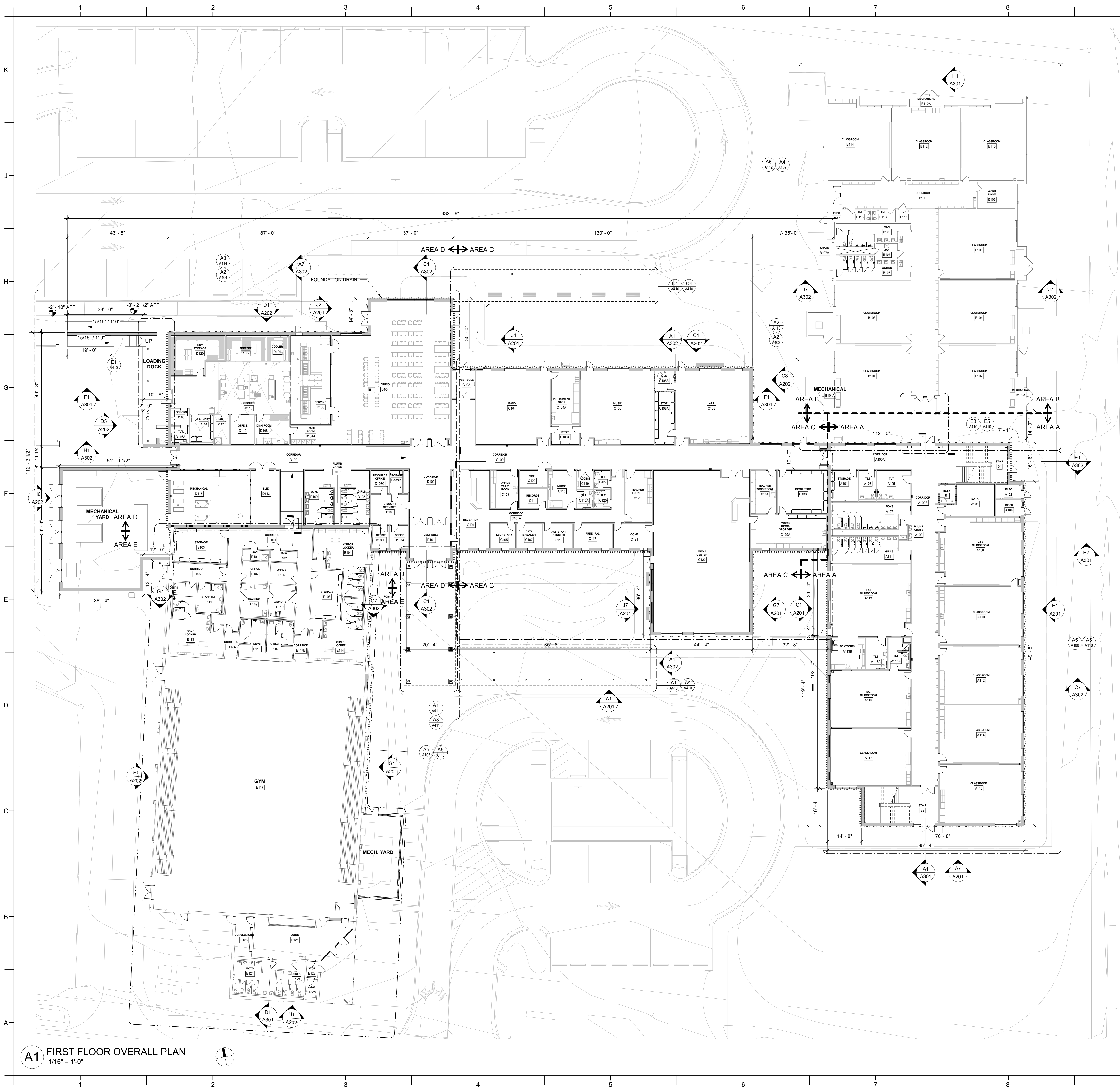
DATE ISSUED

BID DOCUMENTS

01/10/2025

SHEET TITLE PARTITION WALL TYPES & MATERIAL LEGEND

A001



A1 FIRST FLOOR OVERALL PLAN
1/16" = 1'-0"

GENERAL BUILDING
LAYOUT NOTES:

- DIMENSIONS FOLLOWED BY AN ASTERISK (*) ARE INTENDED TO GUIDE A BUILDING LAYOUT START POINT.
- NEW CONSTRUCTION SHALL BE PARALLEL TO THE EXTERIOR WALLS OF EXISTING AREA B.
- BUILDING LAYOUT SHALL BE VERIFIED FROM THE BUILDING LAYOUT START POINT TO EXISTING AREA E PRIOR TO THE INSTALLATION OF ANY FOOTINGS IN AREAS C AND D. ANY DISCREPANCIES BETWEEN SURVEYED LAYOUT AND DIMENSIONAL EXPECTATIONS FROM THE CONTRACT DOCUMENTS SHALL BE COMMUNICATED TO THE ARCHITECT FOR REVIEW.

DAVIS KANE ARCHITECTS, P.A.
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.davis-kane.com

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

| | | |
|---|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be reproduced for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: LMY
Plot Date: 2/10/2025 9:50:27 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

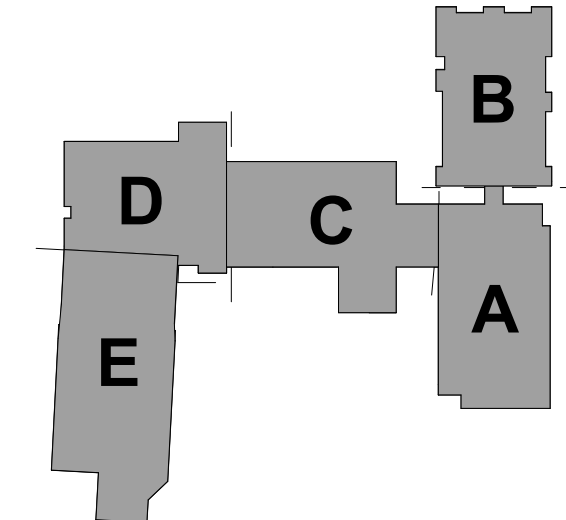
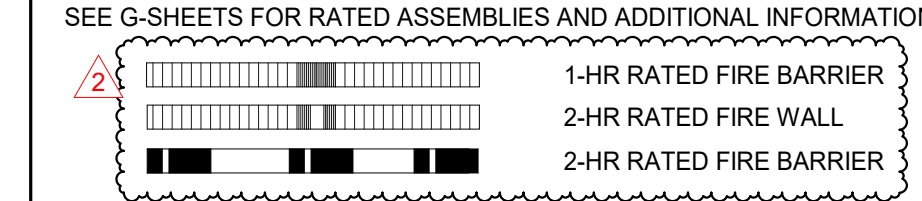
FIRST FLOOR
OVERALL PLAN

A002

RATED ASSEMBLIES LEGEND

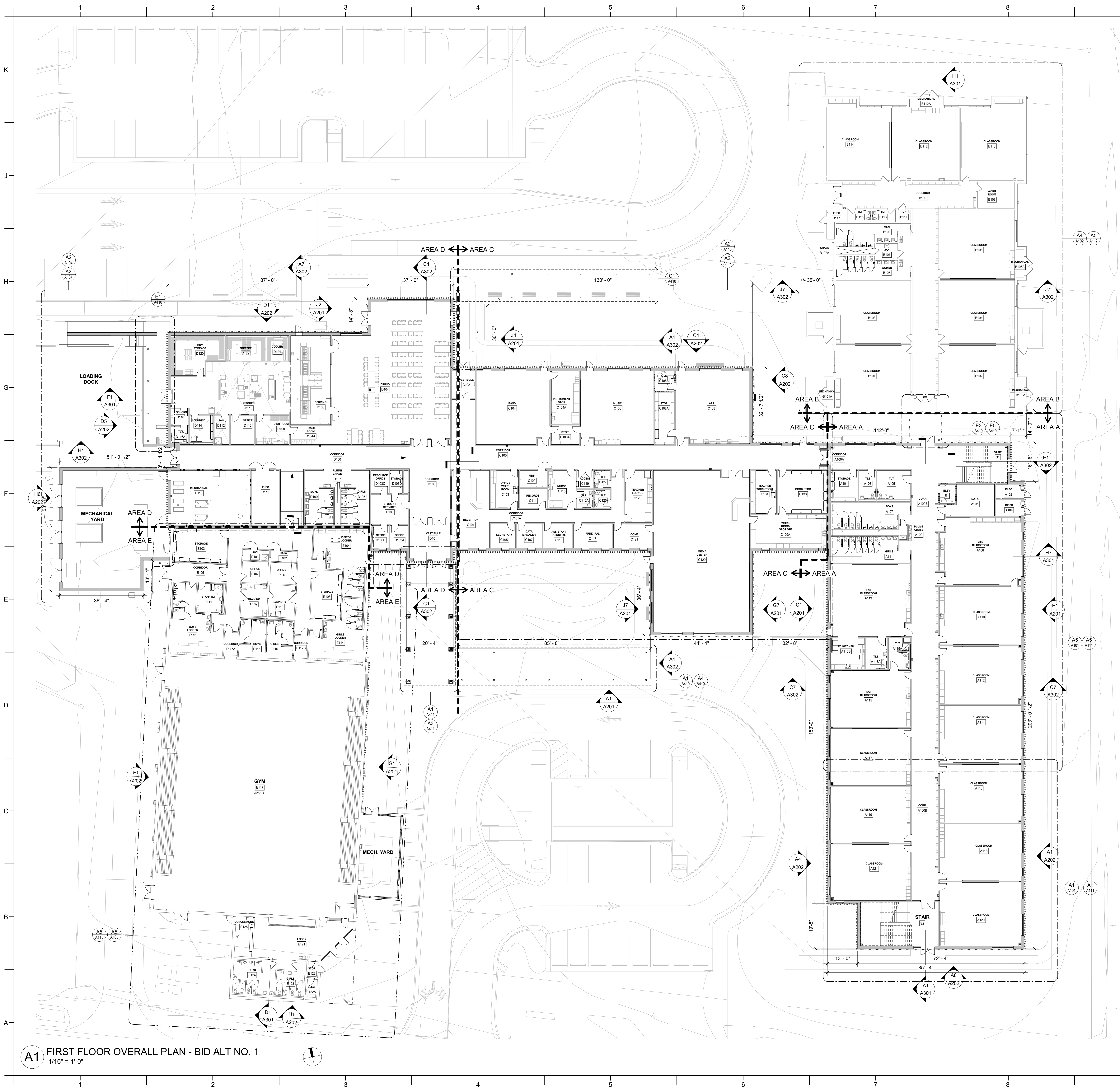
NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.



KEY PLAN-1ST FLOOR

NTS



GENERAL BUILDING LAYOUT NOTES:

- DIMENSIONS FOLLOWED BY AN ASTERISK (*) ARE INTENDED TO GUIDE A BUILDING LAYOUT START POINT.
- NEW CONSTRUCTION SHALL BE PARALLEL TO THE EXTERIOR WALLS OF EXISTING AREA B.
- BUILDING LAYOUT SHALL BE VERIFIED FROM THE BUILDING LAYOUT START POINT TO EXISTING AREA E PRIOR TO THE INSTALLATION OF ANY FOOTINGS IN AREAS C AND D. ANY DISCREPANCIES BETWEEN SURVEYED LAYOUT AND DIMENSIONAL EXPECTATIONS FROM THE CONTRACT DOCUMENTS SHALL BE COMMUNICATED TO THE ARCHITECT FOR REVIEW.

PROJECT INFORMATION

DAVIS KANE ARCHITECTS, P.A.
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.davis-kane.com

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A.
50304
RALEIGH, NC

ROBERT C. STEVENSON
6214
RALEIGH, NC

DKA JOB NUMBER
2401

| REVISIONS | | |
|-----------|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: LMY
Plot Date: 2/10/2025 9:50:38 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
FIRST FLOOR
OVERALL PLAN - BID
ALT NO. 1

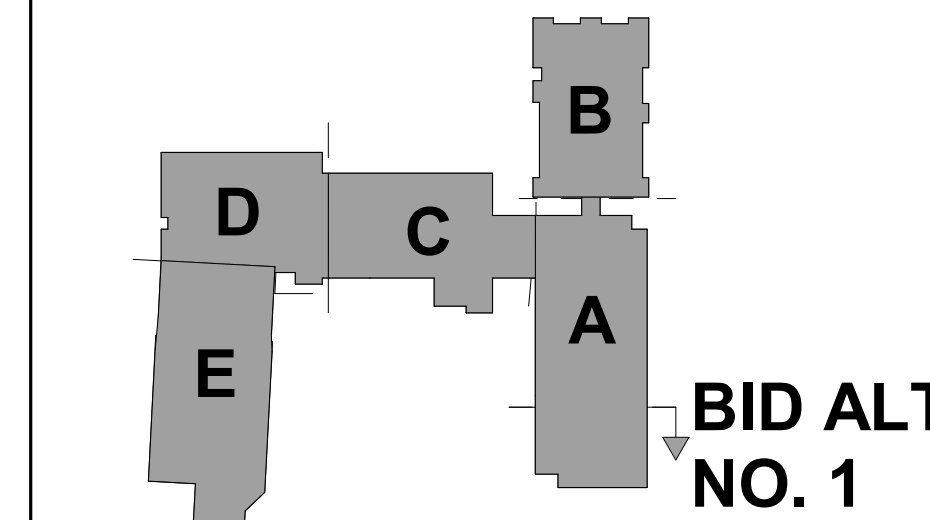
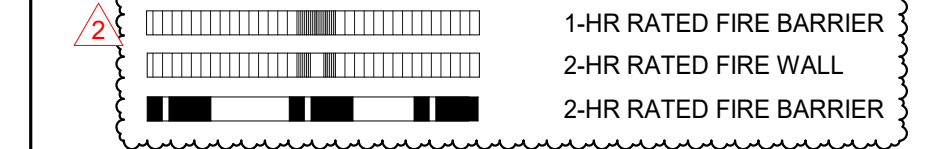
A003

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.



KEY PLAN - 1ST FLOOR ALT
NTS

BID ALT NO. 1

A1 SECOND FLOOR OVERALL PLAN
1/16" = 1'-0"

KEY PLAN - 2ND FLOOR

NTS

**BID ALT
NO. 1**

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

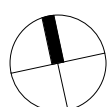
ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

| | |
|--|-------------------------|
| | 1-HR RATED FIRE BARRIER |
| | 2-HR RATED FIRE WALL |
| | 2-HR RATED FIRE BARRIER |

A1 SECOND FLOOR OVERALL PLAN - BID ALT NO. 1

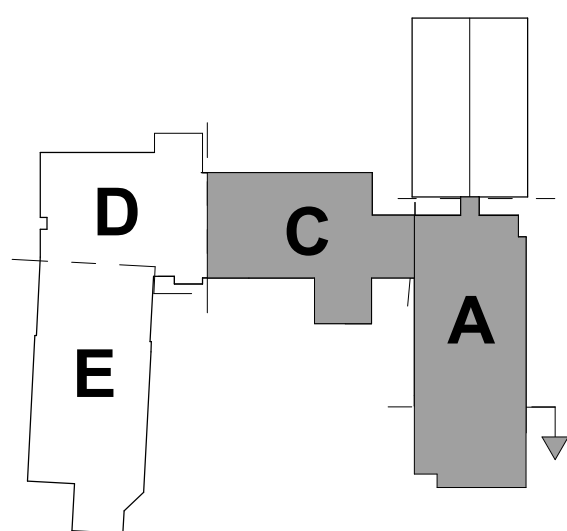
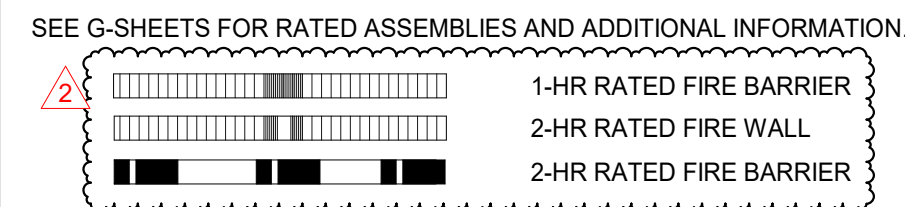
1/16" = 1'-0"



RATED ASSEMBLIES LEGEND

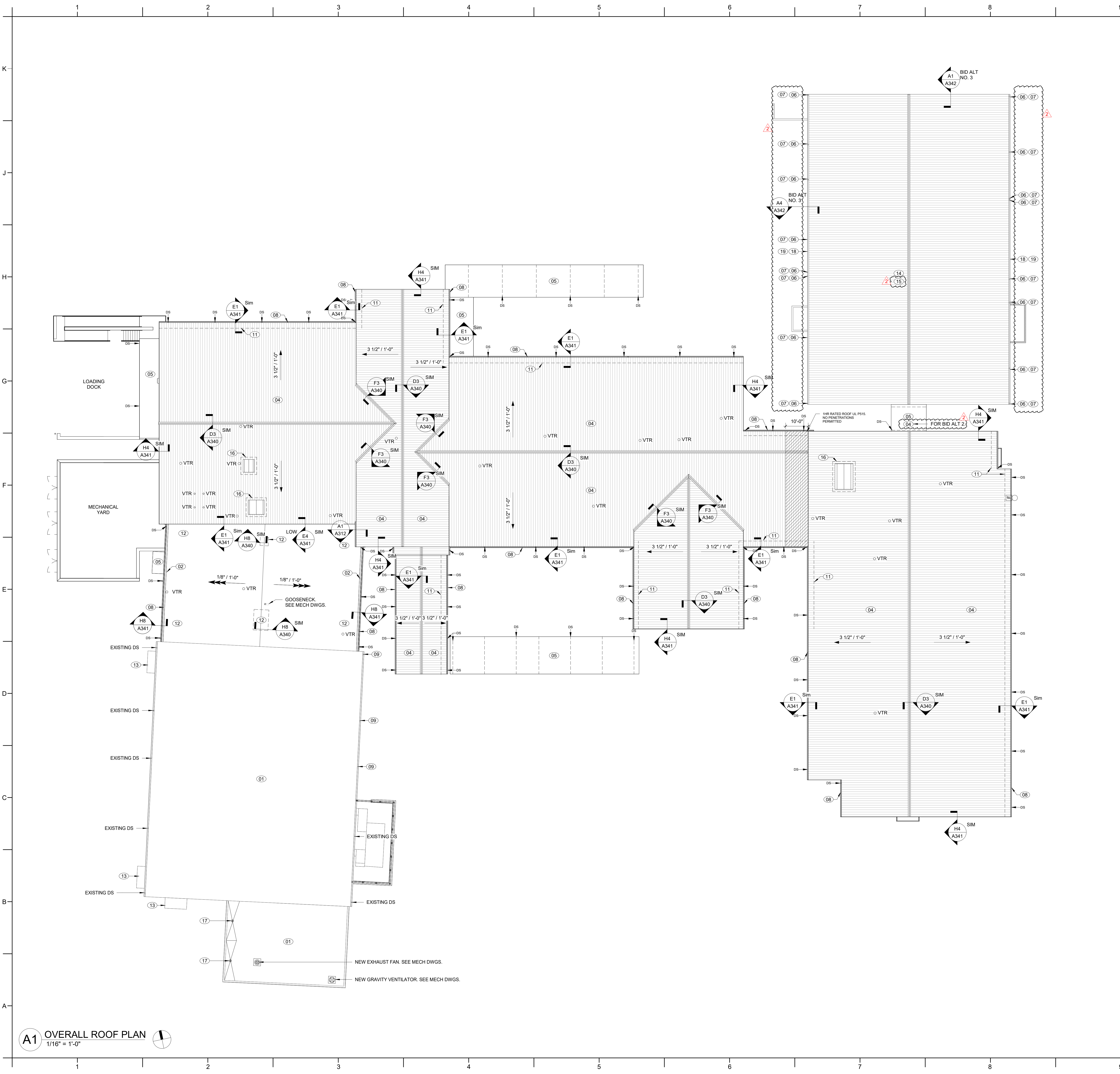
NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.



KEY PLAN - 2ND FLOOR

NTS



ROOF PLAN GENERAL NOTES:

- NEW ROOF SYSTEM INCLUDES ALL COMPONENTS AND ACCESSORIES REQUIRED TO PROVIDE A COMPLETE, WATERTIGHT AND WARRANTED SYSTEM. ITEMS INCLUDE BUT ARE NOT LIMITED TO INSULATION, ADHESIVE, PRIMER, FASTENERS, ANCHORS, METAL FLASHING, BLOCKING, GUTTERS, DOWNSPOUTS, CURBS, ETC.
- COORDINATE INSTALLATION OF NEW ROOF SYSTEM ON EXISTING BUILDING TO MINIMIZE THE TIME WHEN ROOF DECK IS EXPOSED TO WEATHER AND BUILDING IS SUBJECT TO WATER INTRUSION. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT WATER INTRUSION INTO BUILDING DURING CONSTRUCTION INCLUDING TEMPORARY COVERS.
- SLOPE INDICATED IN LEGEND IS A MINIMUM SLOPE MEASURED AT THE ROOF SURFACE.

ROOF PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS.

| NUMBER | DESCRIPTION |
|--------|-----------------------------------------------------------------------------------------|
| 01 | EXISTING ROOF TO REMAIN |
| 02 | AREA OF EXISTING ROOF REWORK - SEE BUILDING SECTIONS FOR ADDITIONAL INFO |
| 03 | DEMOLISH EXISTING TPO SYSTEM TO DECK AND REPLACE WITH TPO ROOF SYSTEM |
| 04 | NEW STANDING SEAM METAL ROOF |
| 05 | PREFABRICATED METAL CANOPY |
| 06 | EXISTING DOWNSPOUT. NEW COLOR RECOATING IN BASE BID. |
| 07 | DEMOLISH EXISTING DOWNSPOUT. REPLACE WITH NEW DOWNSPOUT FOR BID ALT NO. 3. |
| 08 | PRE-FINISHED METAL GUTTER |
| 09 | EXISTING DOWNSPOUT. CONNECT INTO NEW BOOT TO UNDERGROUND STORM SYSTEM |
| 10 | CANOPY MANUFACTURER TO COORDINATE CANOPY DESIGN WITH BUILDING DOWNSPOUTS. |
| 11 | SNOW GUARD SYSTEM |
| 12 | EXISTING ROOF DECK INFILL |
| 13 | EXISTING CANOPY. REPAINT. |
| 14 | EXISTING ROOF TO REMAIN. NEW COLOR RECOATING IN BASE BID. |
| 15 | DEMOLISH ROOF DOWN TO ROOF DECK. NEW STANDING SEAM METAL ROOF SYSTEM FOR BID ALT NO. 3. |
| 16 | ROOF VENT |
| 17 | EXISTING ROOF DRAIN |
| 18 | EXISTING GUTTER. NEW COLOR RECOATING IN BASE BID. |
| 19 | DEMOLISH EXISTING GUTTER. REPLACE WITH NEW GUTTER FOR BID ALT NO. 3. |

ROOF SYMBOL LEGEND

- 1/4" PER FOOT SLOPED
- SLOPED ROOF STRUCTURE
- ROOF/OVERFLOW DRAINS
- EXHAUST FAN
- DS DOWNSPOUT
- VTR VENT THROUGH ROOF

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

| | | |
|---|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SMK
Plot Date: 2/10/2025 9:50:55 PM

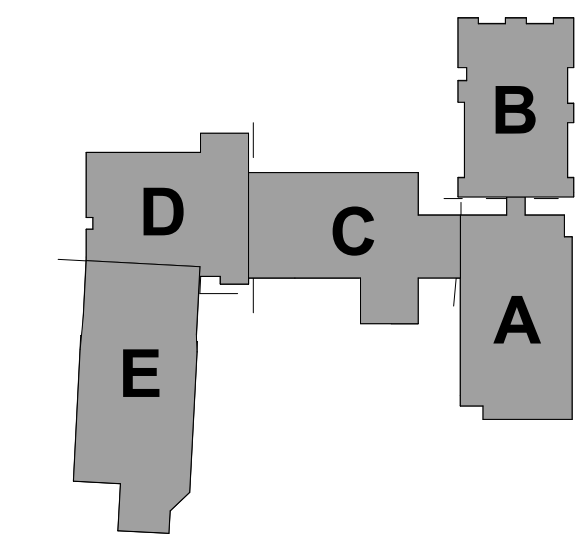
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

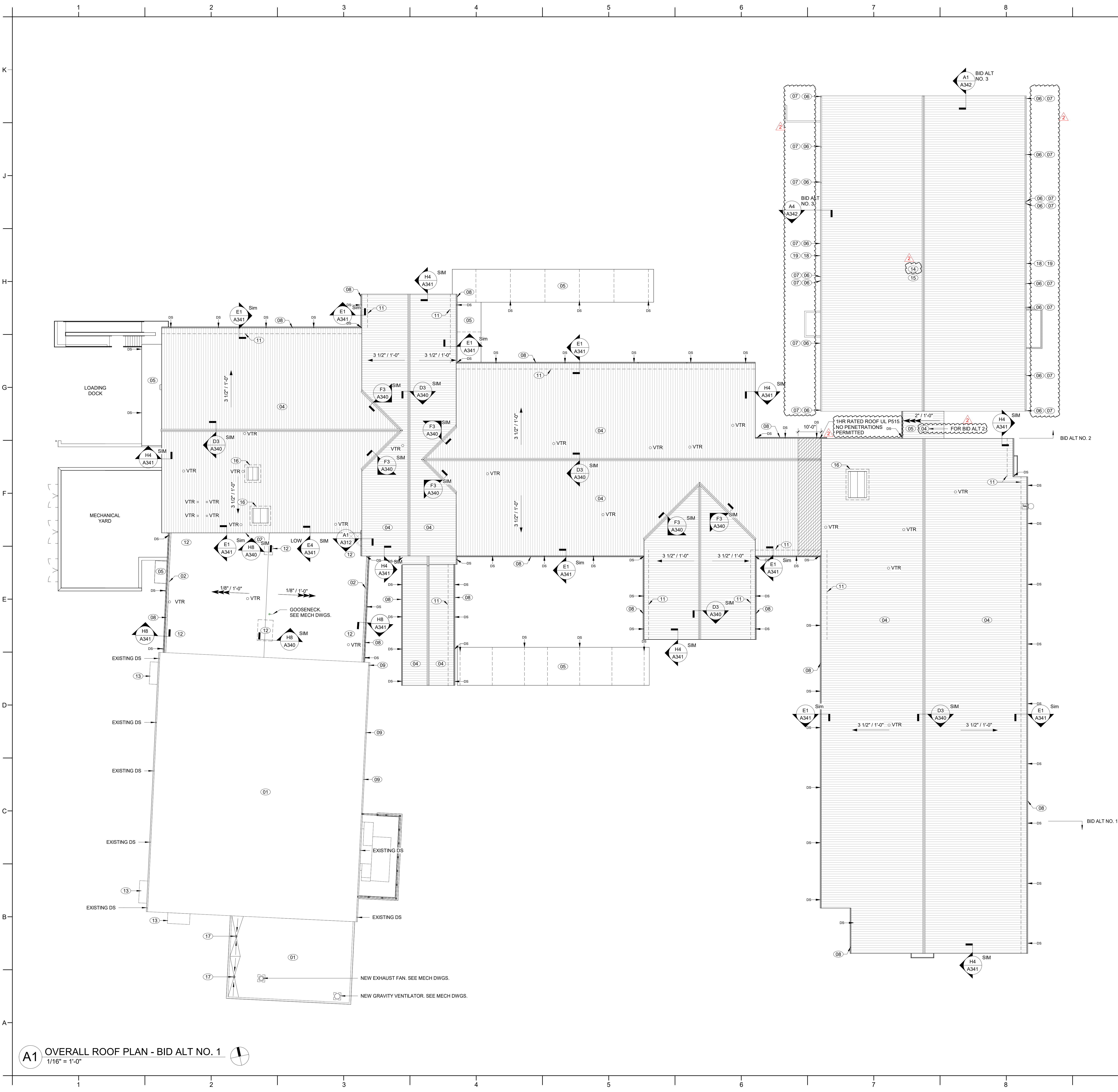
OVERALL ROOF PLAN

A006



KEY PLAN-1ST FLOOR

NTS



ROOF PLAN GENERAL NOTES:

- NEW ROOF SYSTEM INCLUDES ALL COMPONENTS AND ACCESSORIES REQUIRED TO PROVIDE A COMPLETE, WATERTIGHT AND WARRANTED SYSTEM. ITEMS INCLUDE BUT ARE NOT LIMITED TO INSULATION, ADHESIVE, PRIMER, FASTENERS, ANCHORS, METAL FLASHING, BLOCKING, GUTTERS, DOWNSPOUTS, CURBS, ETC.
- COORDINATE INSTALLATION OF NEW ROOF SYSTEM ON EXISTING BUILDING TO MINIMIZE THE TIME WHEN ROOF DECK IS EXPOSED TO WEATHER AND BUILDING IS SUBJECT TO WATER INTRUSION. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT WATER INTRUSION INTO BUILDING DURING CONSTRUCTION INCLUDING TEMPORARY COVERS.
- SLOPE INDICATED IN LEGEND IS A MINIMUM SLOPE MEASURED AT THE ROOF SURFACE.

ROOF PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS.

| NUMBER | DESCRIPTION |
|--------|-----------------------------------------------------------------------------------------|
| 01 | EXISTING ROOF TO REMAIN |
| 02 | AREA OF EXISTING ROOF REWORK - SEE BUILDING SECTIONS FOR ADDITIONAL INFO |
| 03 | DEMOLISH EXISTING TPO SYSTEM TO DECK AND REPLACE WITH TPO ROOF SYSTEM |
| 04 | NEW STANDING SEAM METAL ROOF |
| 05 | PREFABRICATED METAL CANOPY |
| 06 | EXISTING DOWNSPOUT. NEW COLOR RECOATING IN BASE BID. |
| 07 | DEMOLISH EXISTING DOWNSPOUT. REPLACE WITH NEW DOWNSPOUT FOR BID ALT NO. 3. |
| 08 | PRE-FINISHED METAL GUTTER |
| 09 | EXISTING DOWNSPOUT. CONNECT INTO NEW BOOT TO UNDERGROUND STORM SYSTEM |
| 10 | CANOPY MANUFACTURER TO COORDINATE CANOPY DESIGN WITH BUILDING DOWNSPOUTS. |
| 11 | SNOW GUARD SYSTEM |
| 12 | EXISTING ROOF DECK INFILL |
| 13 | EXISTING CANOPY. REPAINT. |
| 14 | EXISTING ROOF TO REMAIN. NEW COLOR RECOATING IN BASE BID. |
| 15 | DEMOLISH ROOF DOWN TO ROOF DECK. NEW STANDING SEAM METAL ROOF SYSTEM FOR BID ALT NO. 3. |
| 16 | ROOF VENT |
| 17 | EXISTING ROOF DRAIN |
| 18 | EXISTING GUTTER. NEW COLOR RECOATING IN BASE BID. |
| 19 | DEMOLISH EXISTING GUTTER. REPLACE WITH NEW GUTTER FOR BID ALT NO. 3. |

ROOF SYMBOL LEGEND

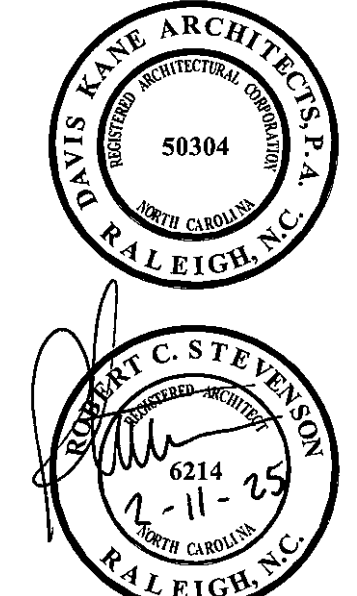
- 1/4" PER FOOT SLOPED
- SLOPED ROOF STRUCTURE
- ROOF/OVERFLOW DRAINS
- EXHAUST FAN
- DOWNSPOUT
- VTR VENT THROUGH ROOF

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025
2 ADDENDUM #2 2/11/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

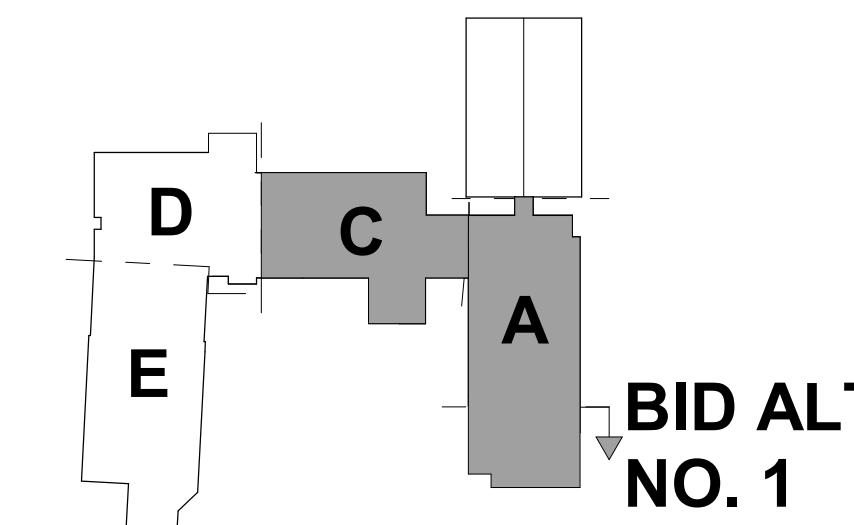
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SMK
Plot Date: 2/10/2025 6:24:33 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
OVERALL ROOF
PLAN - BID ALT

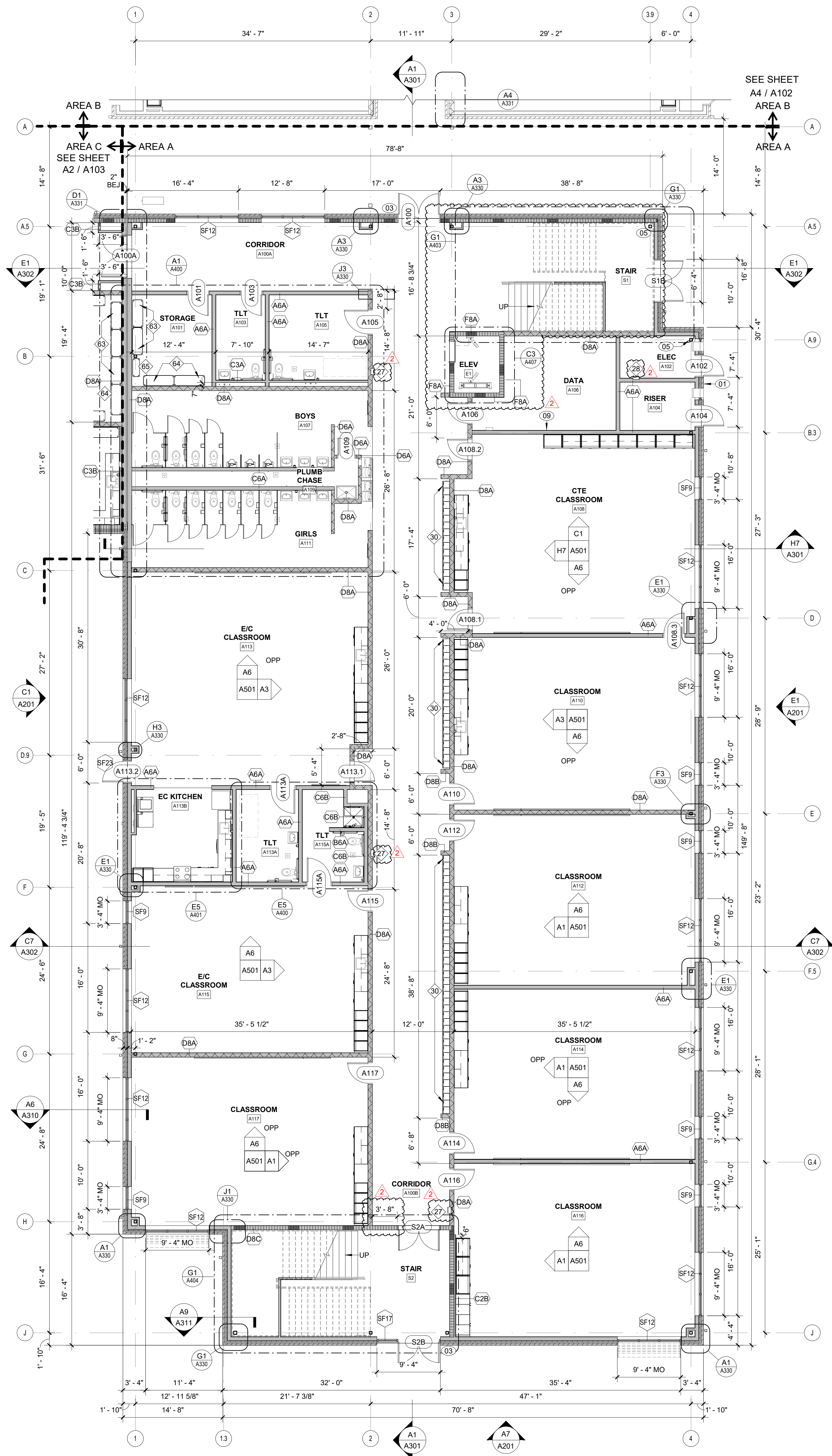
A007



KEY PLAN - 2ND FLOOR

NTS

**BID ALT
NO. 1**



ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

| | | |
|---|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: LMY
Plot Date: 2/10/2025 6:24:42 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

FIRST FLOOR PLAN -
AREA A - BID ALT NO. 1

A101

FLOOR PLAN KEY NOTES

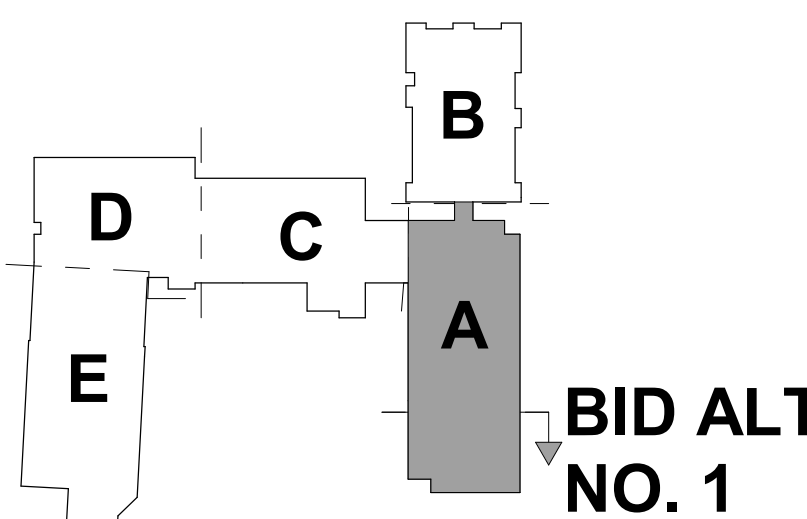
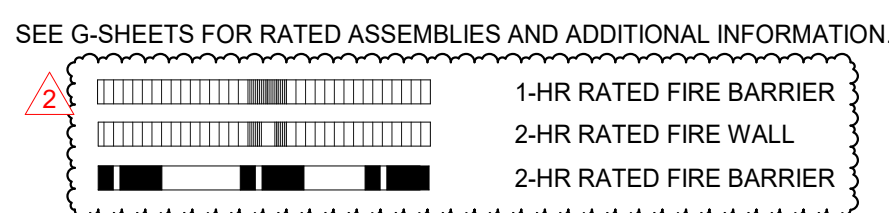
NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES. SEE SHEET A000 FOR FF&E LEGEND.

| | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | LOCK BOX: FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL. |
| 02 | FLOOR DRAIN LOCATION. SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0" / 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 03 | CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 04 | ACCESS LADDER. SEE DETAILS E1&G1/A407 SIM. |
| 05 | AESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS. |
| 06 | ILLUMINATED DISPLAY CASE |
| 07 | CENTER WALL ON COLUMN CENTERLINE |
| 08 | 4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL. |
| 09 | 4x8 FRIT PLYWOOD |
| 10 | BOLLARD FOR CARD READER |
| 11 | EXISTING DOOR OPENING INFILL |

RATED ASSEMBLIES LEGEND

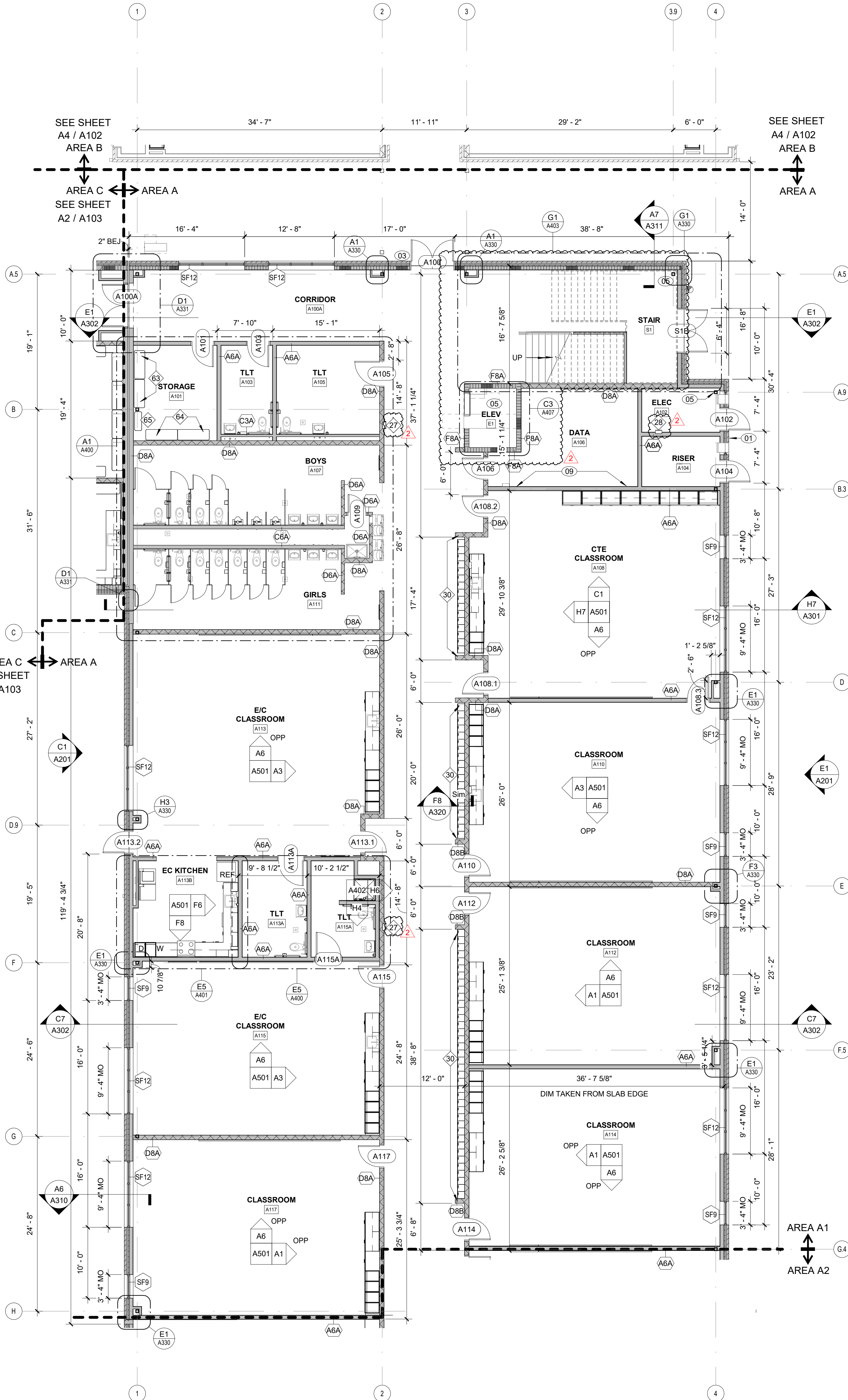
NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

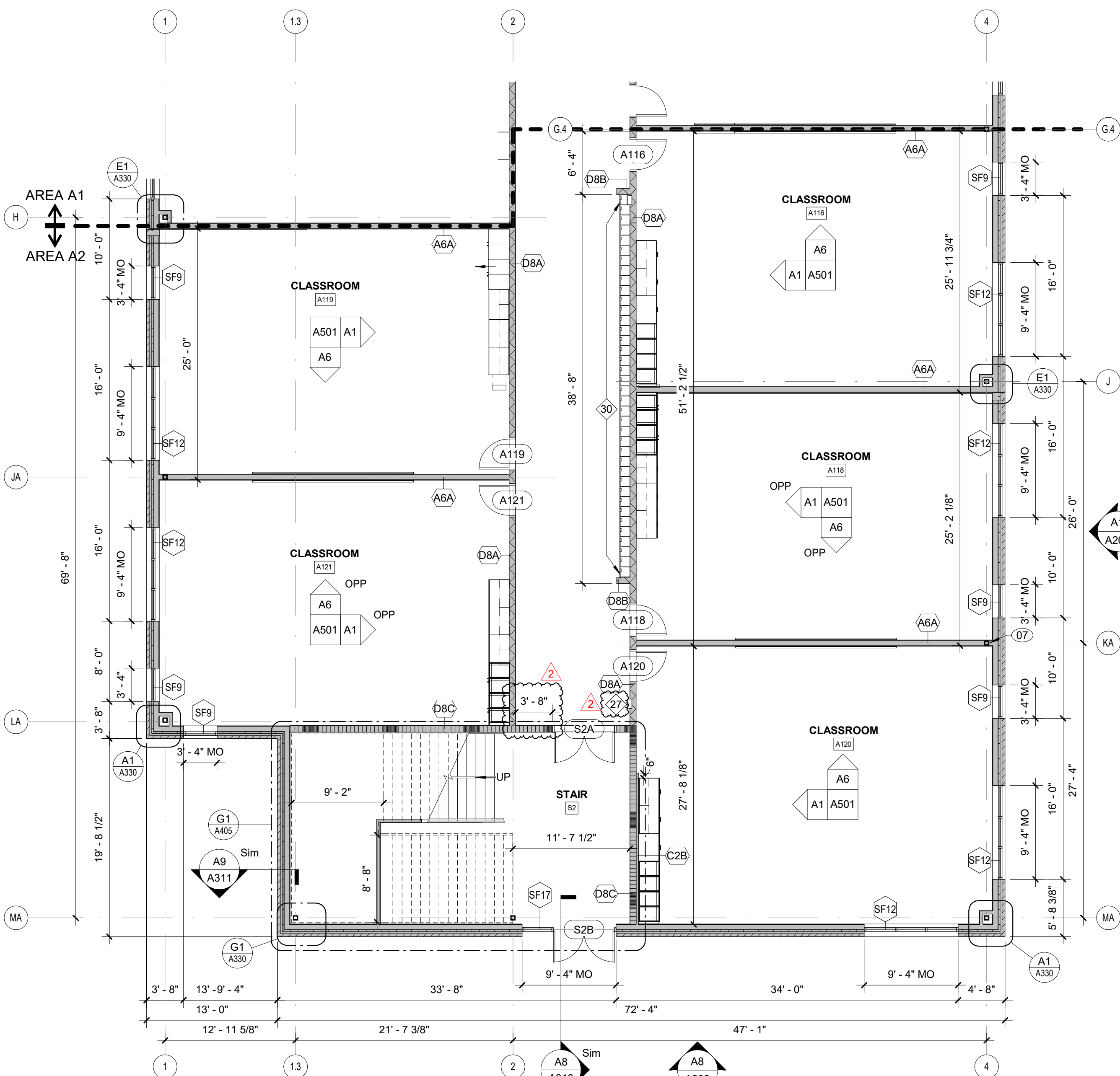


KEY PLAN - 1ST FLOOR ALT
NTS

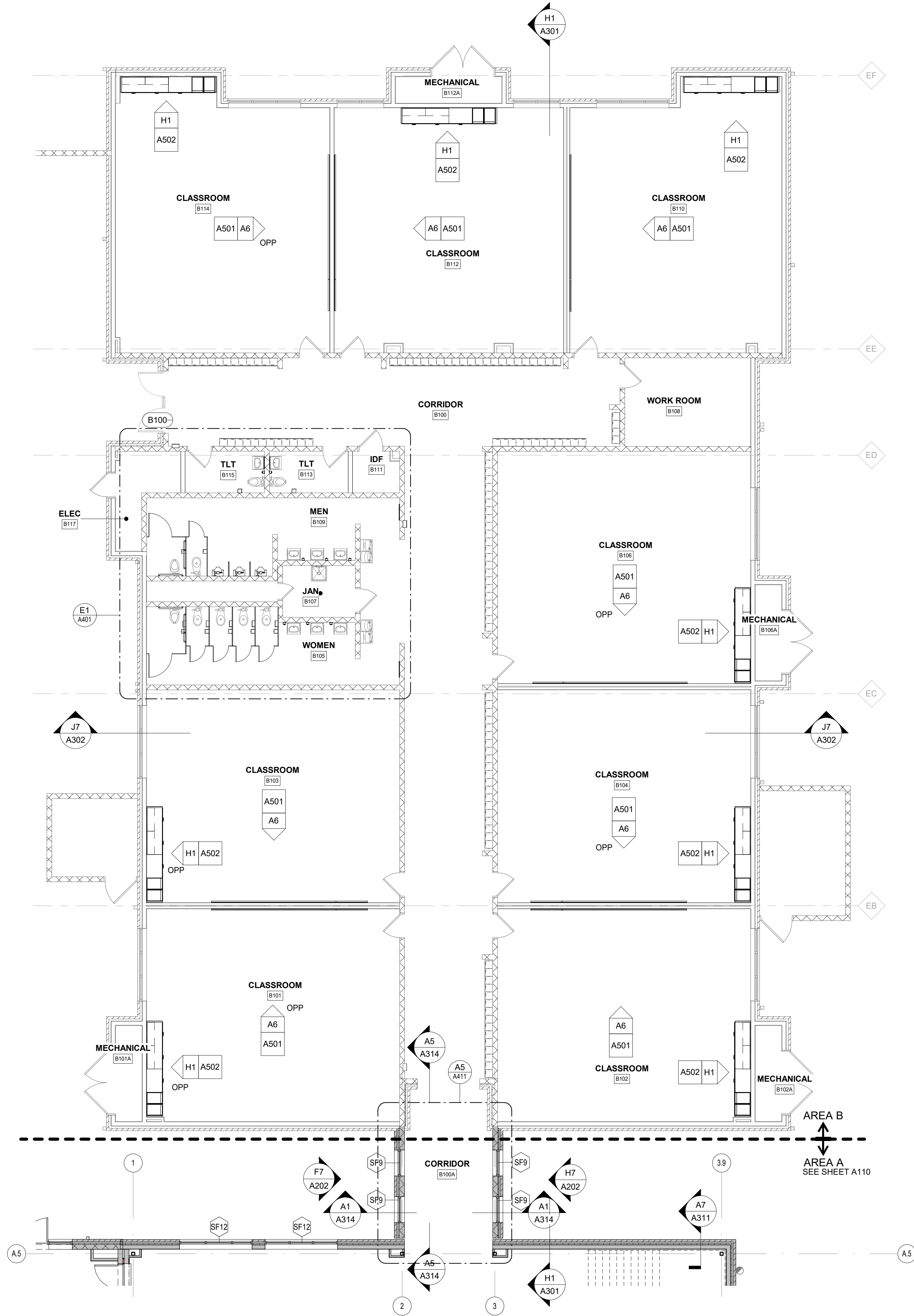
BID ALT
NO. 1



A5 FIRST FLOOR PLAN - AREA A1 - BID ALT NO. 1
1/8" = 1'-0"



A1 FIRST FLOOR PLAN - AREA A2 - BID ALT NO. 1
1/8" = 1'-0"



A4 FIRST FLOOR PLAN - ALT AREA B - BID ALT NO. 2
1/8" = 1'-0"

FLOOR PLAN KEY NOTES

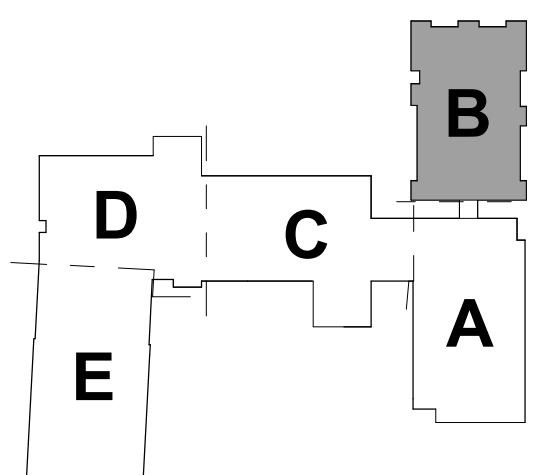
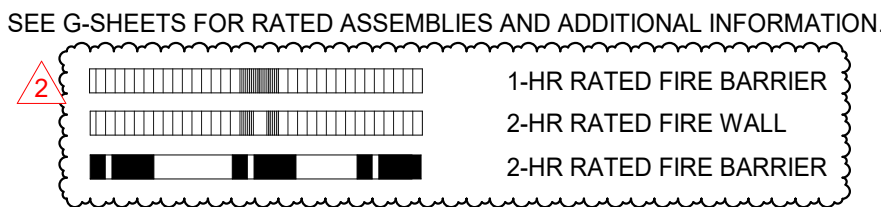
NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES. SEE SHEET A000 FOR FF&E LEGEND.

| | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | LOCK BOX: FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL. |
| 02 | FLOOR DRAIN LOCATION. SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0"). 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 03 | CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 04 | ACCESS LADDER. SEE DETAILS E1&G1/A407 SIM. |
| 05 | AESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS. |
| 06 | ILLUMINATED DISPLAY CASE |
| 07 | CENTER WALL ON COLUMN CENTERLINE |
| 08 | 4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL. |
| 09 | 4x8 FRT PLYWOOD |
| 10 | BOLLARD FOR CARD READER |
| 11 | EXISTING DOOR OPENING INFILL |

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: " - HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.



KEY PLAN-1ST FLOOR

NTS

SEALS



DKA JOB NUMBER

2401

REVISIONS

| | | |
|---|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2025 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: LMY
Plot Date: 2/10/2025 9:28:13 PM

DATE ISSUED

BID DOCUMENTS

01/10/2025

SHEET TITLE

FIRST FLOOR PLAN -
AREA B - BID ALT NO. 2

A102

FLOOR PLAN KEY NOTES

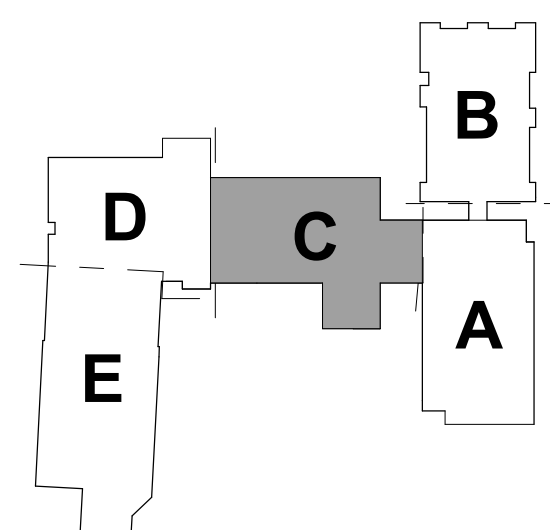
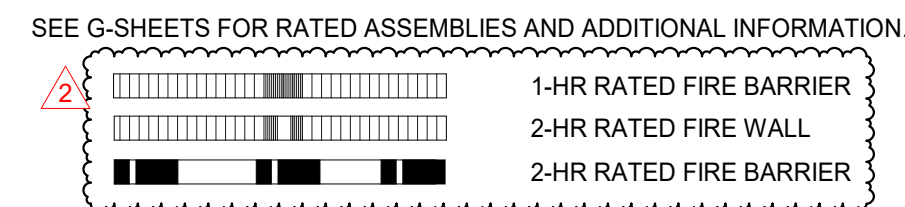
NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES. SEE SHEET A000 FOR FF&E LEGEND.

| | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | LOCK BOX: FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL. |
| 02 | FLOOR DRAIN LOCATION. SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0") 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 03 | CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 04 | ACCESS LADDER. SEE DETAILS E1&G1/A407 SIM. |
| 05 | AESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS. |
| 06 | ILLUMINATED DISPLAY CASE |
| 07 | CENTER WALL ON COLUMN CENTERLINE |
| 08 | 4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL. |
| 09 | 4x8 FRT PLYWOOD |
| 10 | BOLLARD FOR CARD READER |
| 11 | EXISTING DOOR OPENING INFILL |

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HOUR RATED FIRE BARRIER SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.



KEY PLAN-1ST FLOOR
NTS

A2 FIRST FLOOR PLAN - AREA C
1/8" = 1'-0"



ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

SEALS



JOB NUMBER

2401

REVISIONS

| | | |
|---|-------------|-------|
| 1 | ADDENDUM #1 | 2/3/2 |
| 2 | ADDENDUM #2 | 2/11/ |

[illegible]

These drawings are the property of Davis Architects, P.A. They may not be reused for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects
All rights reserved.

PA: ROBERT STEVEN
PM: BETH
Drawn By:
Plot Date: 2/10/2025 6:24:5

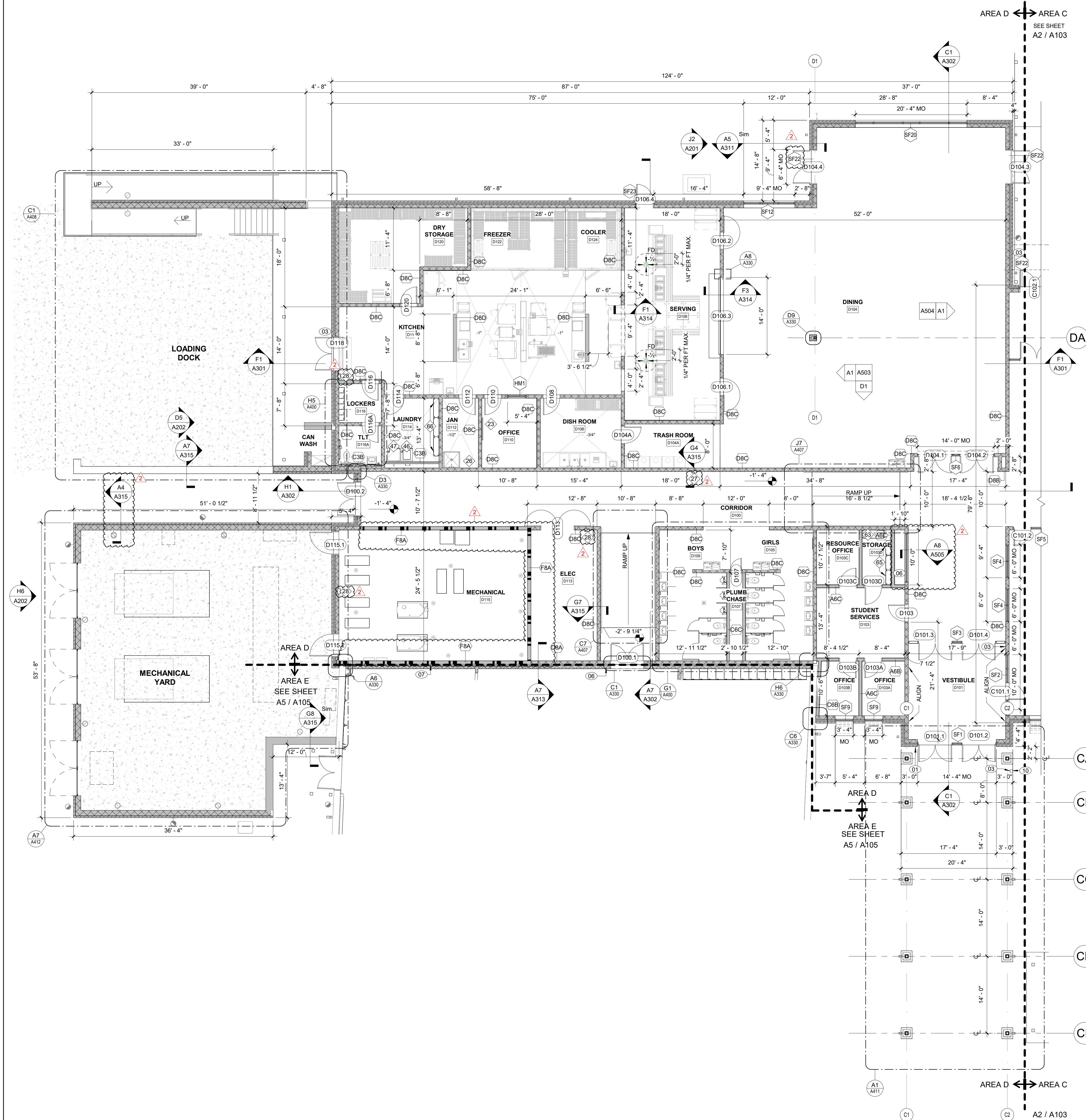
DATE ISSUED _____

BID DOCUMENTS
01/10/2025

SHEET TITLE

FIRST FLOOR PLAN
AREA D

A104



FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY
NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWING
SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES.
SEE SHEET A000 FOR FF&E LEGEND.

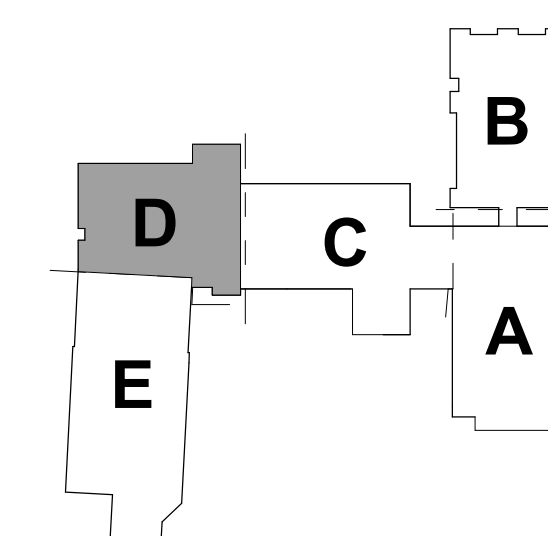
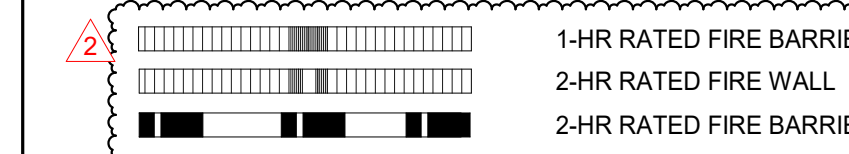
| | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | LOCK BOX, FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION W/ FIRE MARSHAL. |
| 02 | FLOOR DRAIN LOCATION: SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2" / 1"4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 03 | CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 04 | ACCESS LADDER. SEE DETAILS E1&G1/A407 SIM. |
| 05 | ACCESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS. |
| 06 | ILLUMINATED DISPLAY CASE. |
| 07 | CENTER WALL ON COLUMN CENTERLINE. |
| 08 | 4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR W/ CARD READER. SEE MASONRY DET. JOINT, TO ENSURE 1/8" MINIMUM FROM STRIKE SIDE OF DO TO INSIDE OF ADJACENT MASONRY WALL. |
| 09 | 4x8 FRT PLYWOOD |
| 10 | BOLLARD FOR CARD READER |
| 11 | EXISTING DOOR OPENING INFILL |

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A00 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

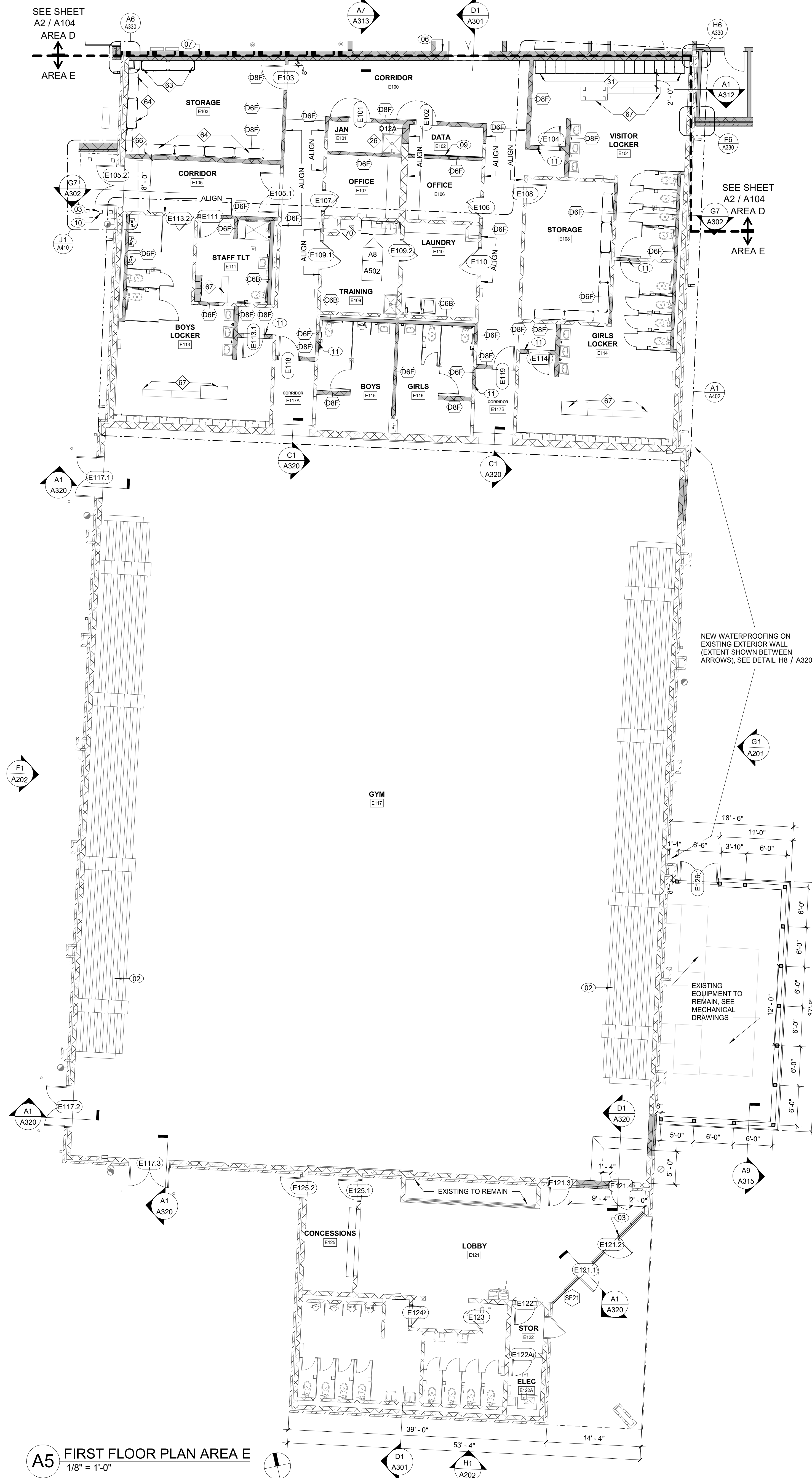
ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "- .HOUR RATED FIRE BARRIER. SEE ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED ABOVE CEILING, SPACED AT 12"-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION



KEY PLAN-1ST FLOOR

A2 FIRST FLOOR PLAN - AREA D
1/8" = 1'-0"



FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES. SEE SHEET A000 FOR FF&E LEGEND.

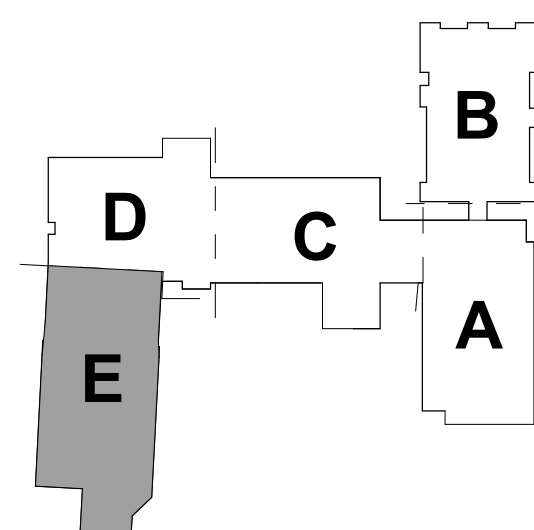
| | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | LOCK BOX - FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL. |
| 02 | FLOOR DRAIN LOCATION. SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0"). 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 03 | CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 04 | ACCESS LADDER. SEE DETAILS E1&G1/A407 SIM. |
| 05 | AESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS. |
| 06 | ILLUMINATED DISPLAY CASE |
| 07 | CENTER WALL ON COLUMN CENTERLINE |
| 08 | 4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL. |
| 09 | 4x8 FRP PLYWOOD |
| 10 | BOLLARD FOR CARD READER |
| 11 | EXISTING DOOR OPENING INFILL |

RATED ASSEMBLIES LEGEND

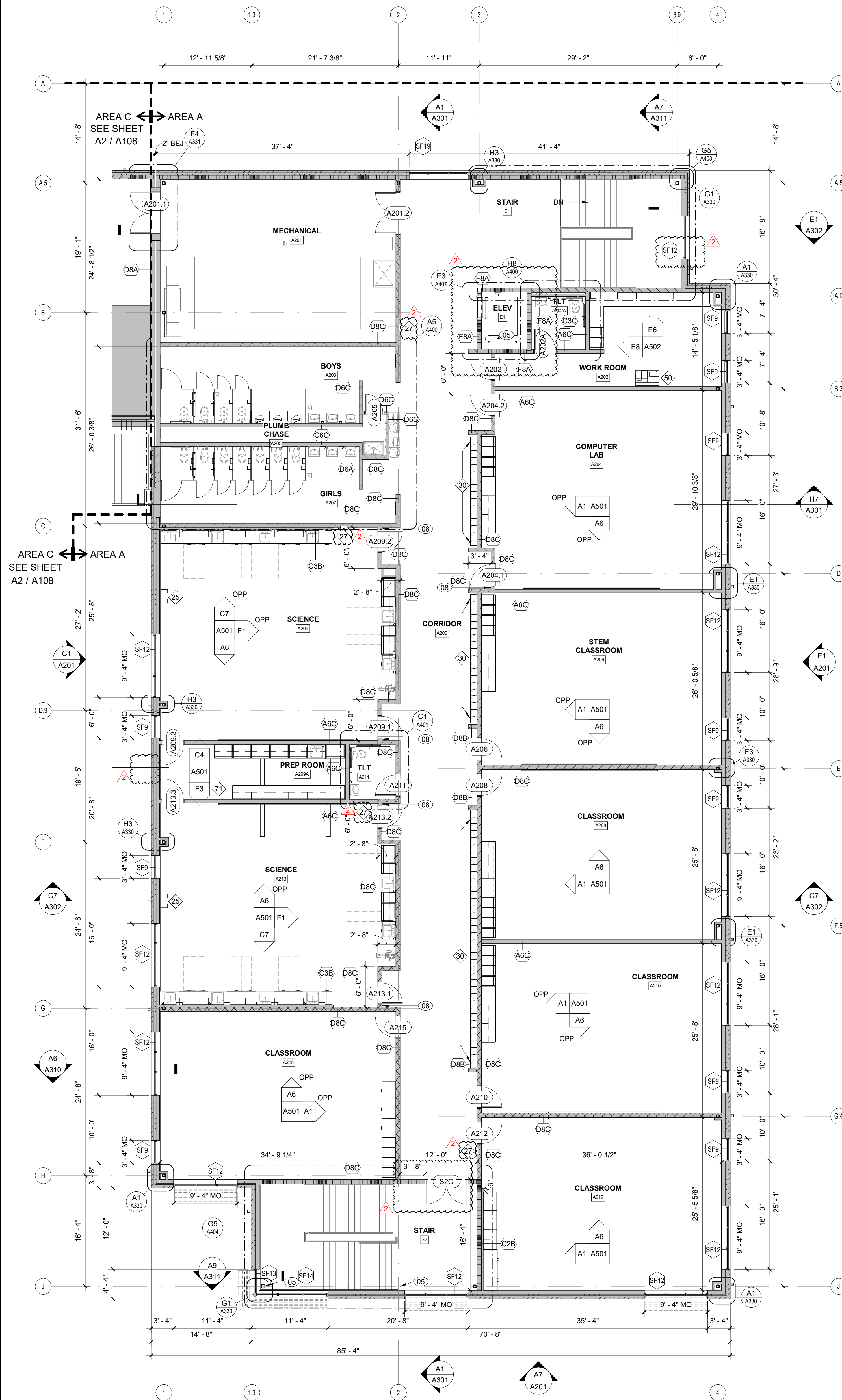
NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.
ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

| |
|-------------------------|
| 1-HR RATED FIRE BARRIER |
| 2-HR RATED FIRE WALL |
| 2-HR RATED FIRE BARRIER |



KEY PLAN-1ST FLOOR
NTS



A5 SECOND FLOOR PLAN - AREA A
1/8" = 1'-0"

FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES. SEE SHEET A000 FOR FF&E LEGEND.

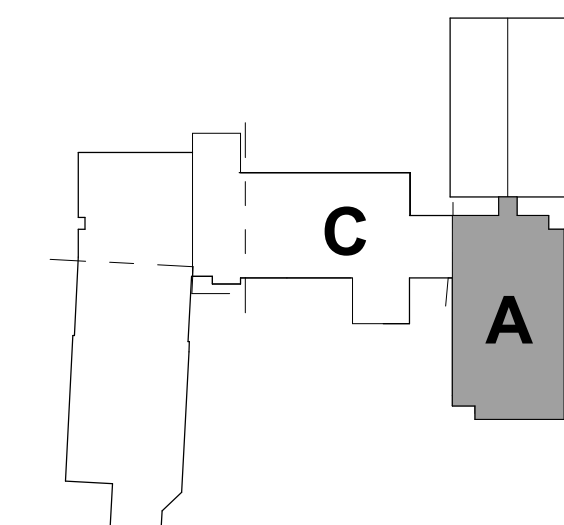
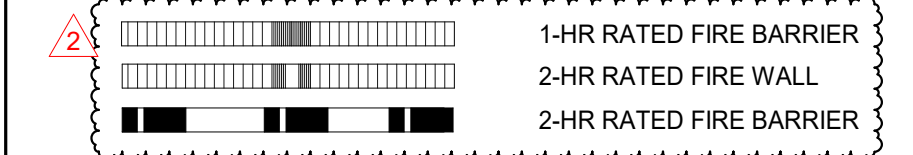
| | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | LOCK BOX: FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL. |
| 02 | FLOOR DRAIN LOCATION. SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0") 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 03 | CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 04 | ACCESS LADDER. SEE DETAILS E1&G1/A407 SIM. |
| 05 | AESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS. |
| 06 | ILLUMINATED DISPLAY CASE |
| 07 | CENTER WALL ON COLUMN CENTERLINE |
| 08 | 4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL. |
| 09 | 4x8 FRIT PLYWOOD |
| 10 | BOLLARD FOR CARD READER |
| 11 | EXISTING DOOR OPENING INFILL |

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.



KEY PLAN - 2ND FLOOR
NTS

FLOOR PLAN KEY NOTES

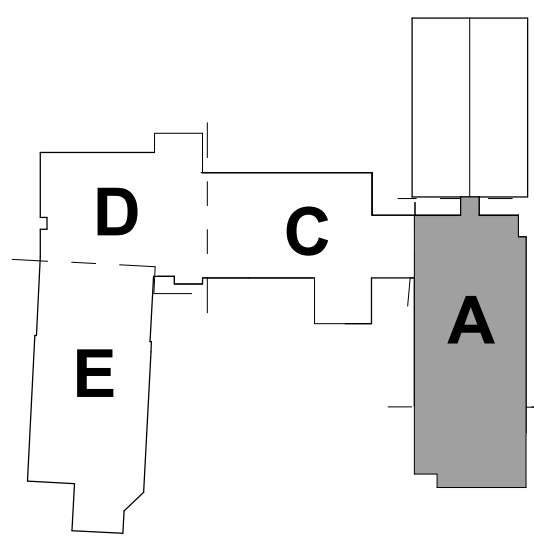
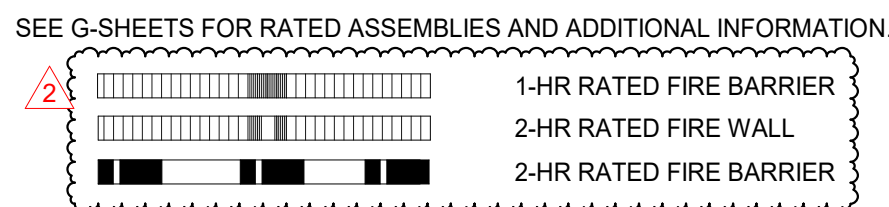
NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES.
SEE SHEET A000 FOR FF&E LEGEND.

| | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | LOCK BOX: FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL. |
| 02 | FLOOR DRAIN LOCATION. SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0"). 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 03 | CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 04 | ACCESS LADDER. SEE DETAILS E1&G1/A407 SIM. |
| 05 | AESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS. |
| 06 | ILLUMINATED DISPLAY CASE |
| 07 | CENTER WALL ON COLUMN CENTERLINE |
| 08 | 4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL. |
| 09 | 4x8 FRIT PLYWOOD |
| 10 | DOLLARD FOR CARD READER |
| 11 | EXISTING DOOR OPENING INFILL |

RATED ASSEMBLIES LEGEND

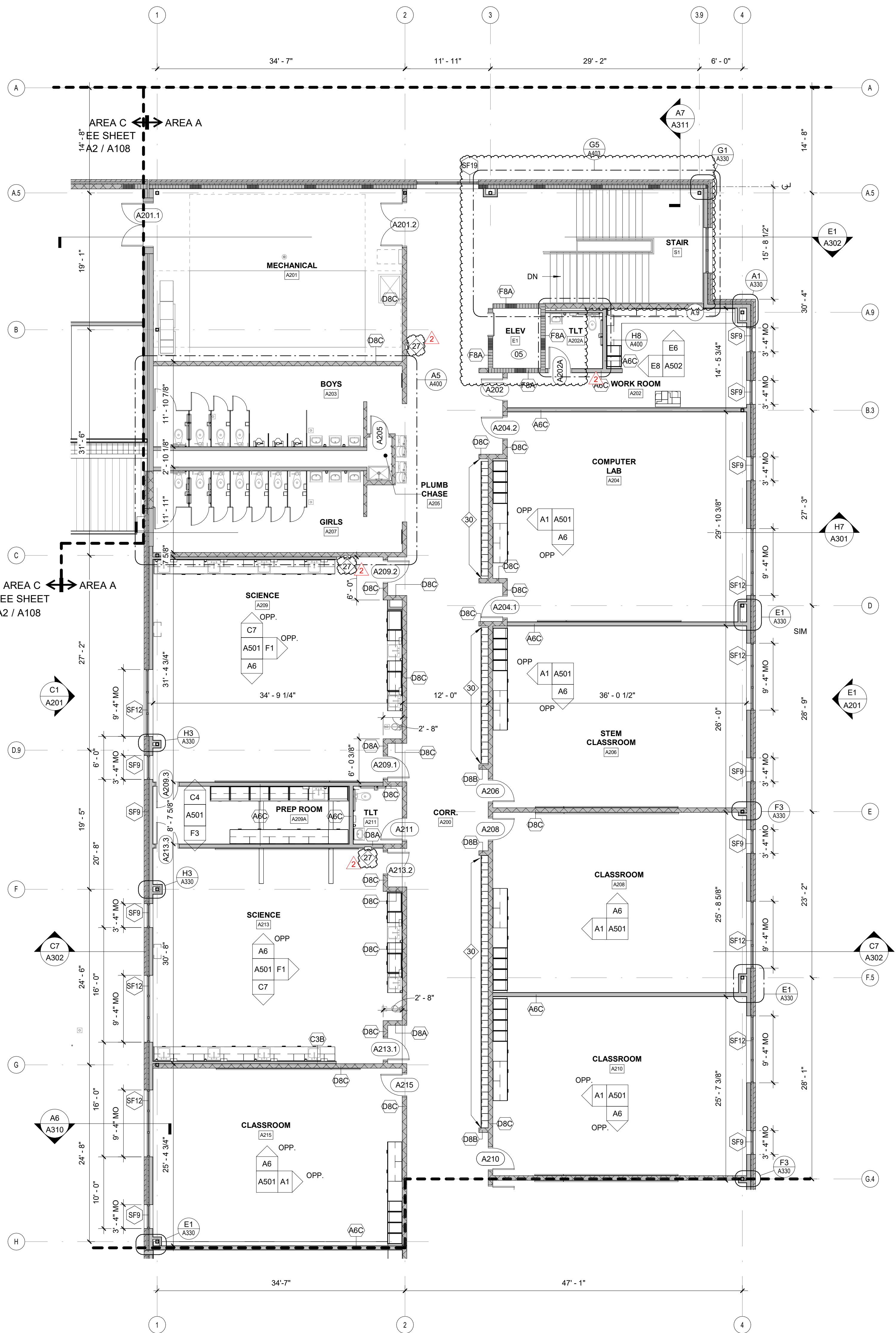
NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: 1-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.



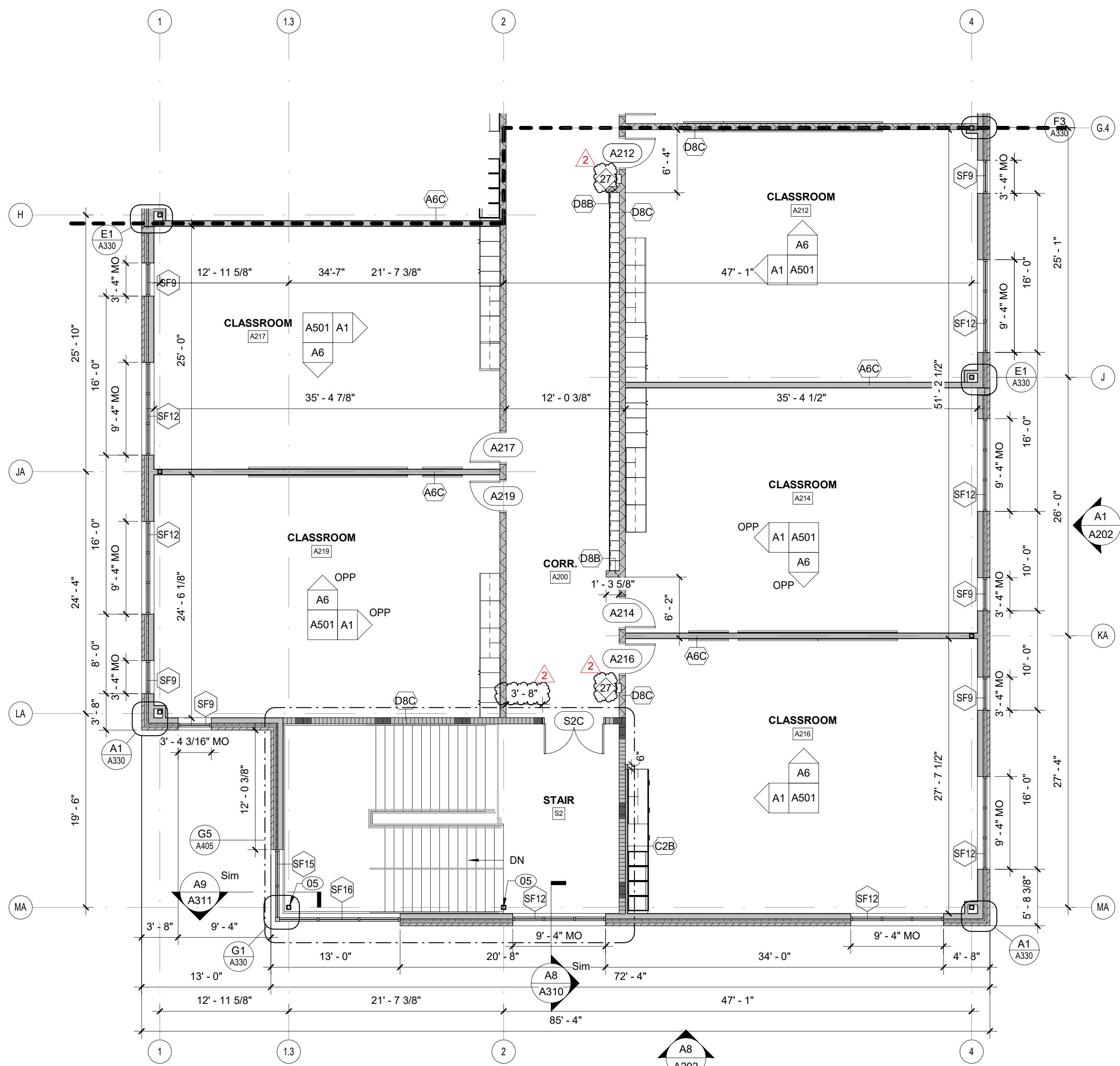
KEY PLAN - 2ND FLOOR

NTS



A5 SECOND FLOOR PLAN - AREA A1 - BID ALT NO. 1

1/8" = 1'-0"



A1 SECOND FLOOR PLAN - AREA A2 - BID ALT NO. 1

1/8" = 1'-0"



**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY
NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS.
SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES.
SEE SHEET A000 FOR FF&E LEGEND.

| | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | LOCK BOX, FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL. |
| 02 | FLOOR DRAIN INDICATES FLOOR SLAB TO FLOOR FIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0") 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 03 | CARD READER, SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. |
| 04 | ACCESS LADDER, SEE DETAILS E1861/A407 SIM. |
| 05 | ACCESS COLUMN, SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS. |
| 06 | ILLUMINATED DISPLAY CASE |
| 07 | CENTER WALL ON COLUMN CENTERLINE |
| 08 | 4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL OR WHEN NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL. |
| 09 | 436 FRT PLYWOOD |
| 10 | BOLLARD FOR CARD READER |
| 11 | EXISTING DOOR OPENING INFILL. |

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be reused for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: LMY
Plot Date: 2/10/2025 6:25:13 PM

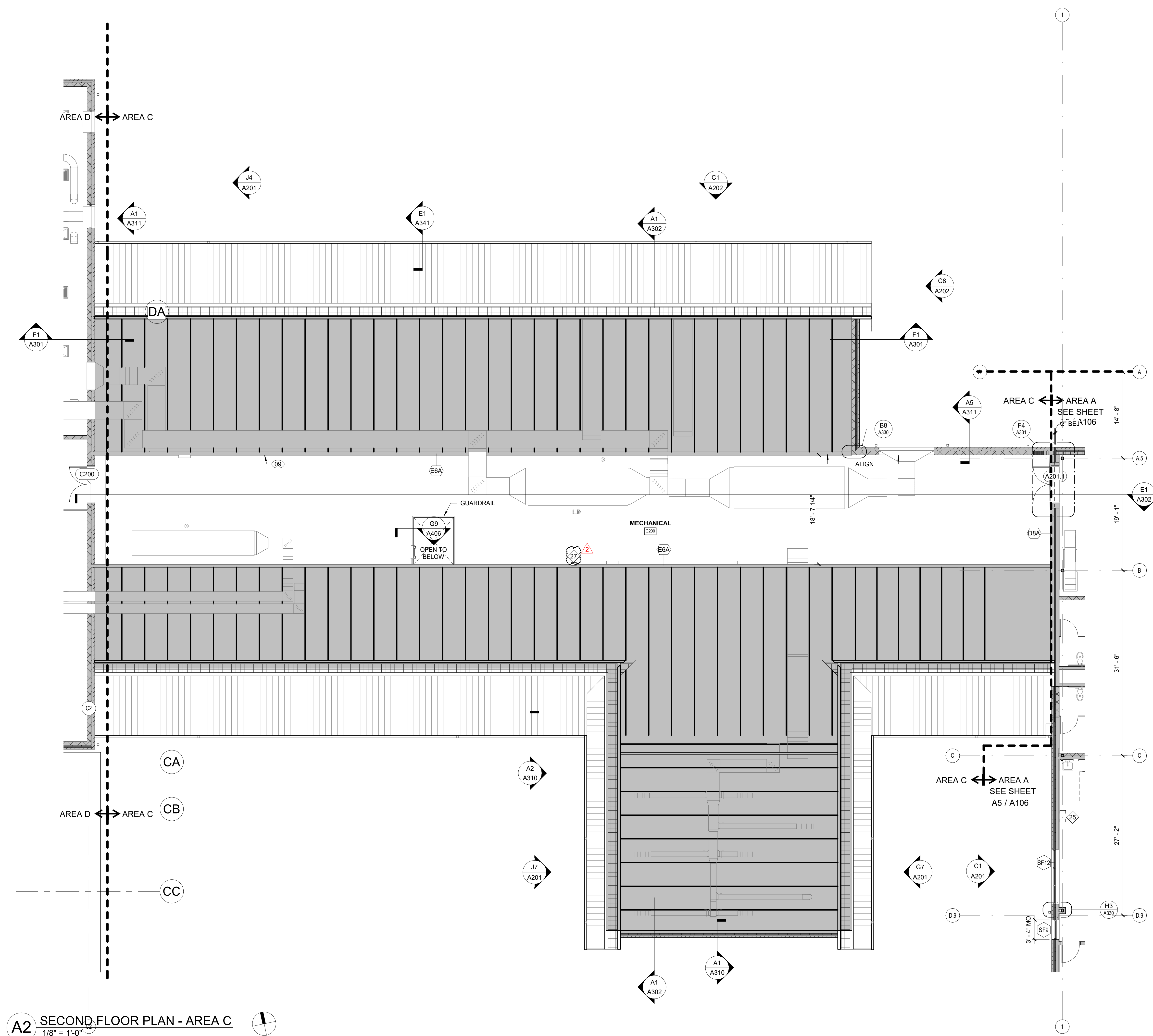
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

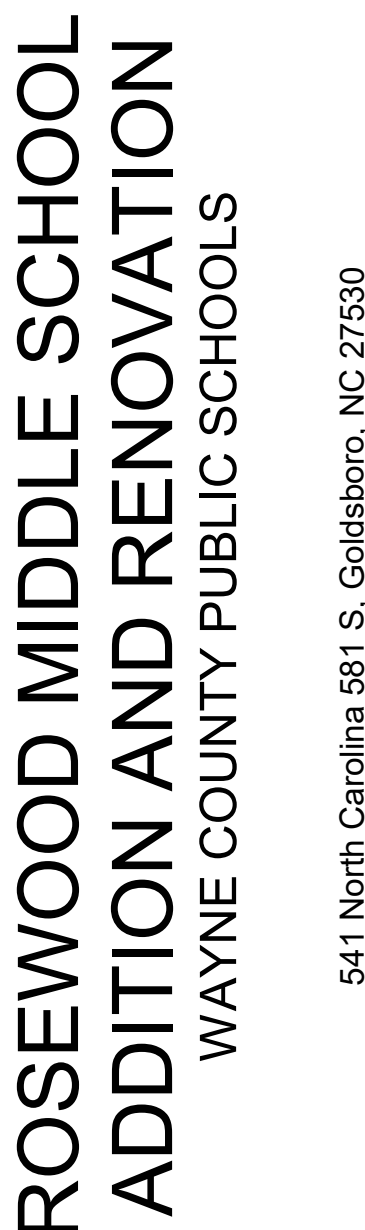
SECOND FLOOR
PLAN - AREA C

A108



KEY PLAN - 2ND FLOOR

NTS

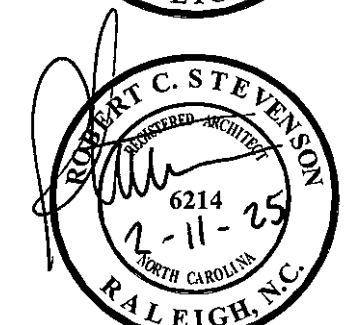


541 North Carolina 581 S Goldsboro NC 27530

1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2X4" TILE CUT TO FIT THE LARGER OPENING WITH A STRIP OF TILE LESS THAN 2" WIDE IN EITHER DIRECTION WORKING TO BE USED. TYP.
3. MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING. IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
5. SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS FOR SHEET OR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS. NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
7. PROVIDE CONTROL JOINTS 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.
8. ALL GWS CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
9. CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITH INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UOW
10. PAINT ALL EXPOSED GWS CEILINGS AND BULKHEADS.
11. SPRINKLER HEAD LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE FINAL AUTOMATIC SPRINKLER DESIGN AND DEVICE LOCATIONS WITH OTHER CEILING-MOUNTED EQUIPMENT AND DEVICES.

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

| Number | Description |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | WHERE NO CEILING IS SCHEDULED, PAINT ALL EXPOSED AND SEMI EXPOSED SURFACES, INCLUDING STRUCTURE, DECK, PIPING, DUCT, CONDUIT, BOXES, ETC. MASK AND PROTECT FROM PAINT THOSE ITEMS THAT WILL NOT PROPERLY FUNCTION WITH FIELD-APPLIED COATINGS, INCLUDING SPRINKLER HEADS, CONTROLS, LEVERS, VALVES, SENSORS, ETC. |
| 02 | PREFAB ALUMINUM DOOR CANOPY |
| 03 | ALUMINUM SUNSHADE |
| 04 | HORIZONTAL LOUVER BLINDS |
| 05 | ROLLER WINDOW SHADES, |



2401

| | | |
|---|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2020 |
| 2 | ADDENDUM #2 | 2/11/2020 |
| | | |
| | | |
| | | |
| | | |
| | | |

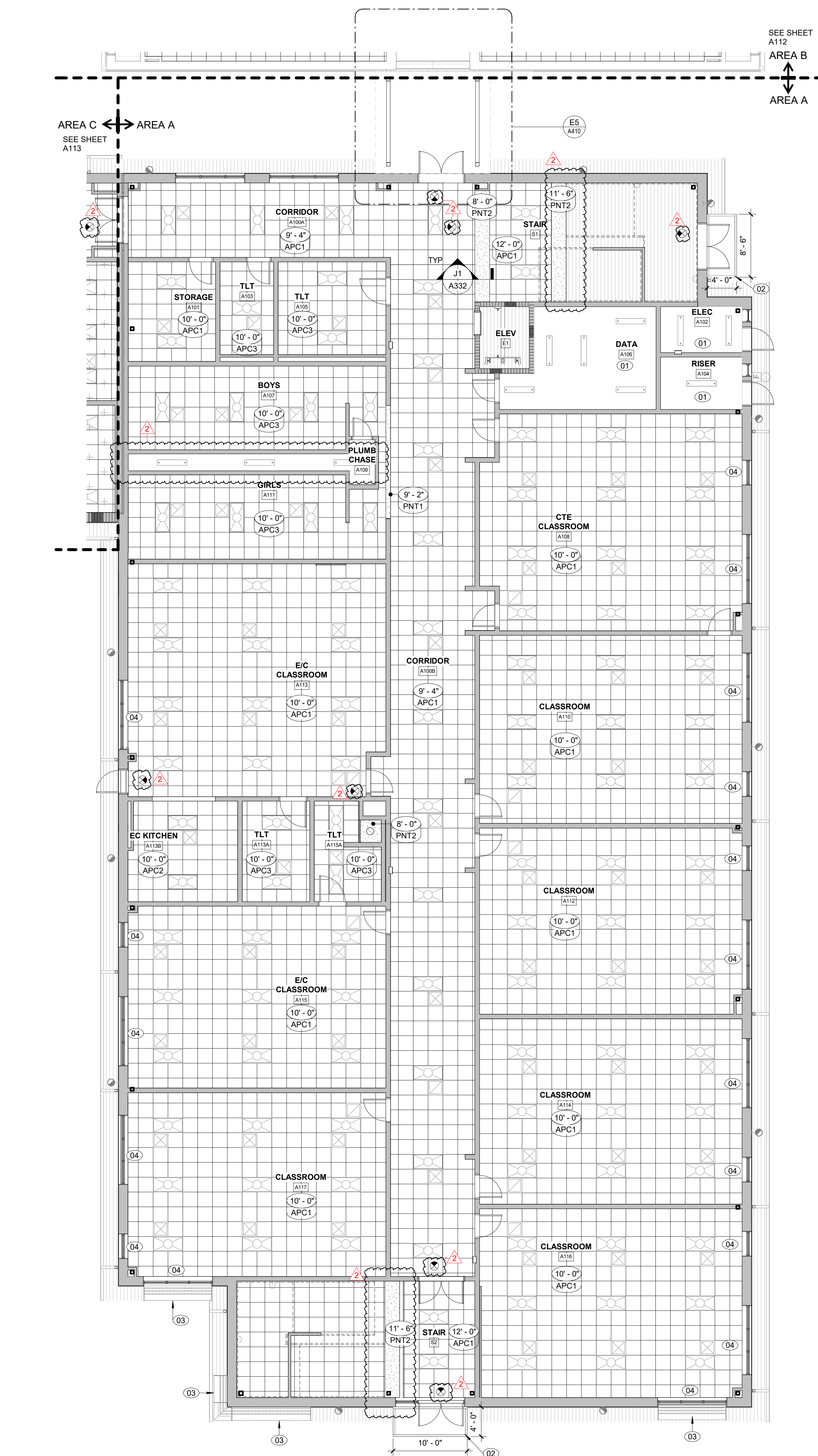
These drawings are the property of Davis Kane Architects, P.A. They may not be reused for purpose without written permission.
Copyright © 2025 by Davis Kane Architects, All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KIMMEL
Drawn By:
Plot Date: 2/10/2025 6:25:17

BID DOCUMENTS
01/10/2025

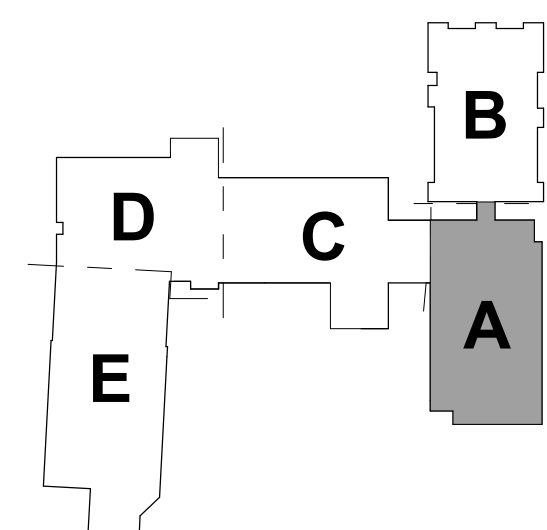
FIRST FLOOR RCP -
AREA A

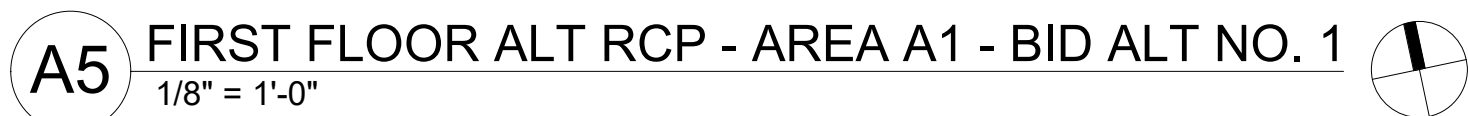
A110

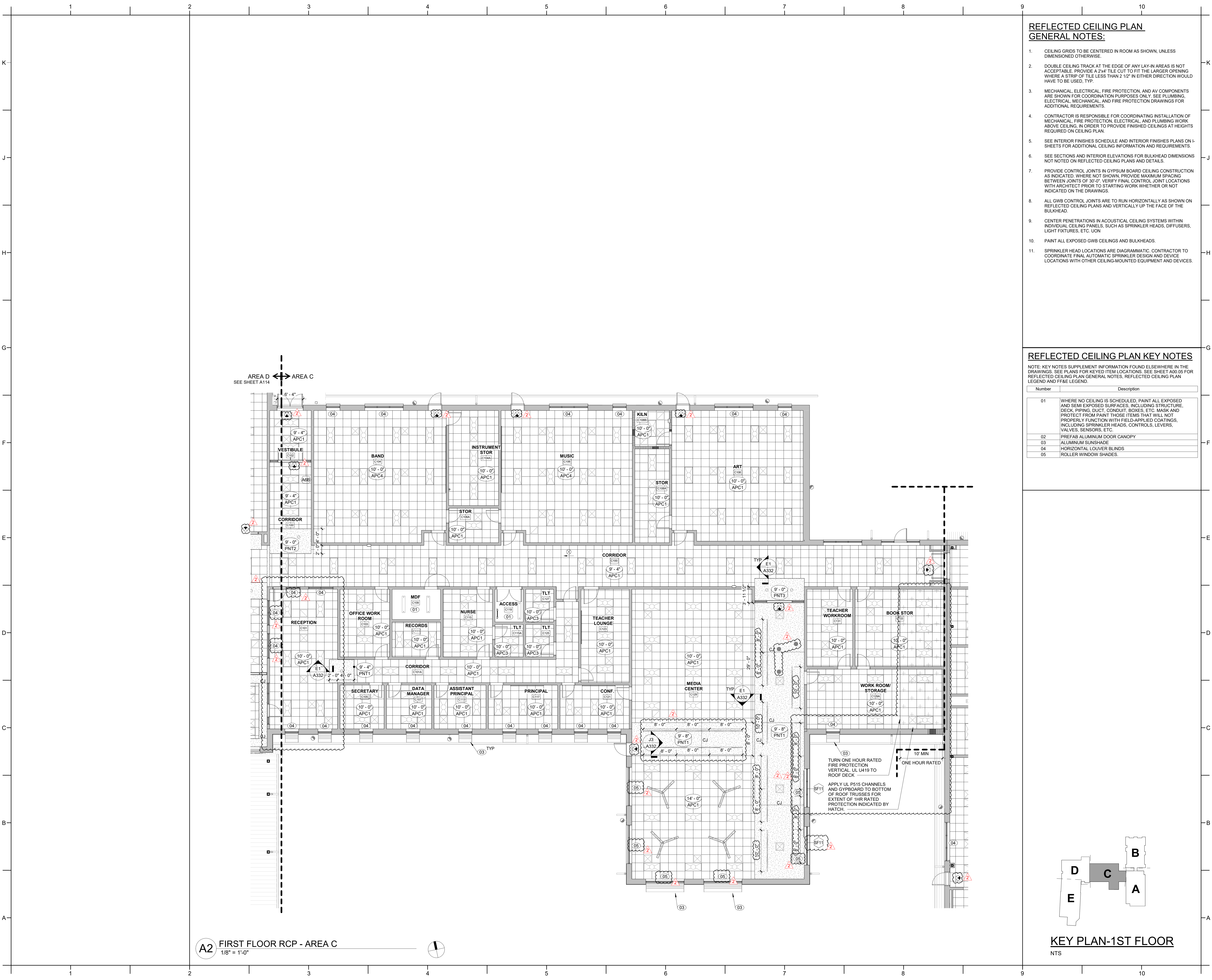


A5 FIRST FLOOR RCP - AREA A
1/8" = 1'-0"

NTS



A111



REFLECTED CEILING PLAN

GENERAL NOTES:

1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2x4 TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
3. MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
5. SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON I-SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
7. PROVIDE CONTROL JOINTS 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.
8. ALL GWB CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
9. CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UON
10. PAINT ALL EXPOSED GWB CEILINGS AND BULKHEADS.
11. SPRINKLER HEAD LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE FINAL AUTOMATIC SPRINKLER DESIGN AND DEVICE LOCATIONS WITH OTHER CEILING-MOUNTED EQUIPMENT AND DEVICES.

REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

| Number | Description |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | WHERE NO CEILING IS SCHEDULED, PAINT ALL EXPOSED AND SEMI EXPOSED SURFACES, INCLUDING STRUCTURE, DECK, PIPING, DUCT, CONDUIT, BOXES, ETC. MASK AND PROTECT FROM PAINT THOSE ITEMS THAT WILL NOT PROPERLY FUNCTION WITH FIELD-APPLIED COATINGS, INCLUDING SPRINKLER HEADS, CONTROLS, LEVERS, VALVES, SENSORS, ETC. |
| 02 | PREFAB ALUMINUM DOOR CANOPY |
| 03 | ALUMINUM SUNSHADE |
| 04 | HORIZONTAL LOUVER BLINDS |
| 05 | ROLLER WINDOW SHADES. |



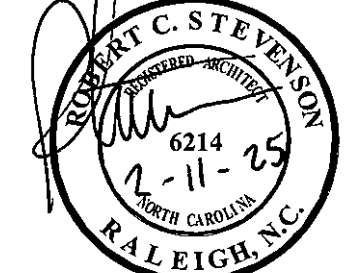
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.davislane.com

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1. ADDENDUM #1 2/3/2025

2. ADDENDUM #2 2/11/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

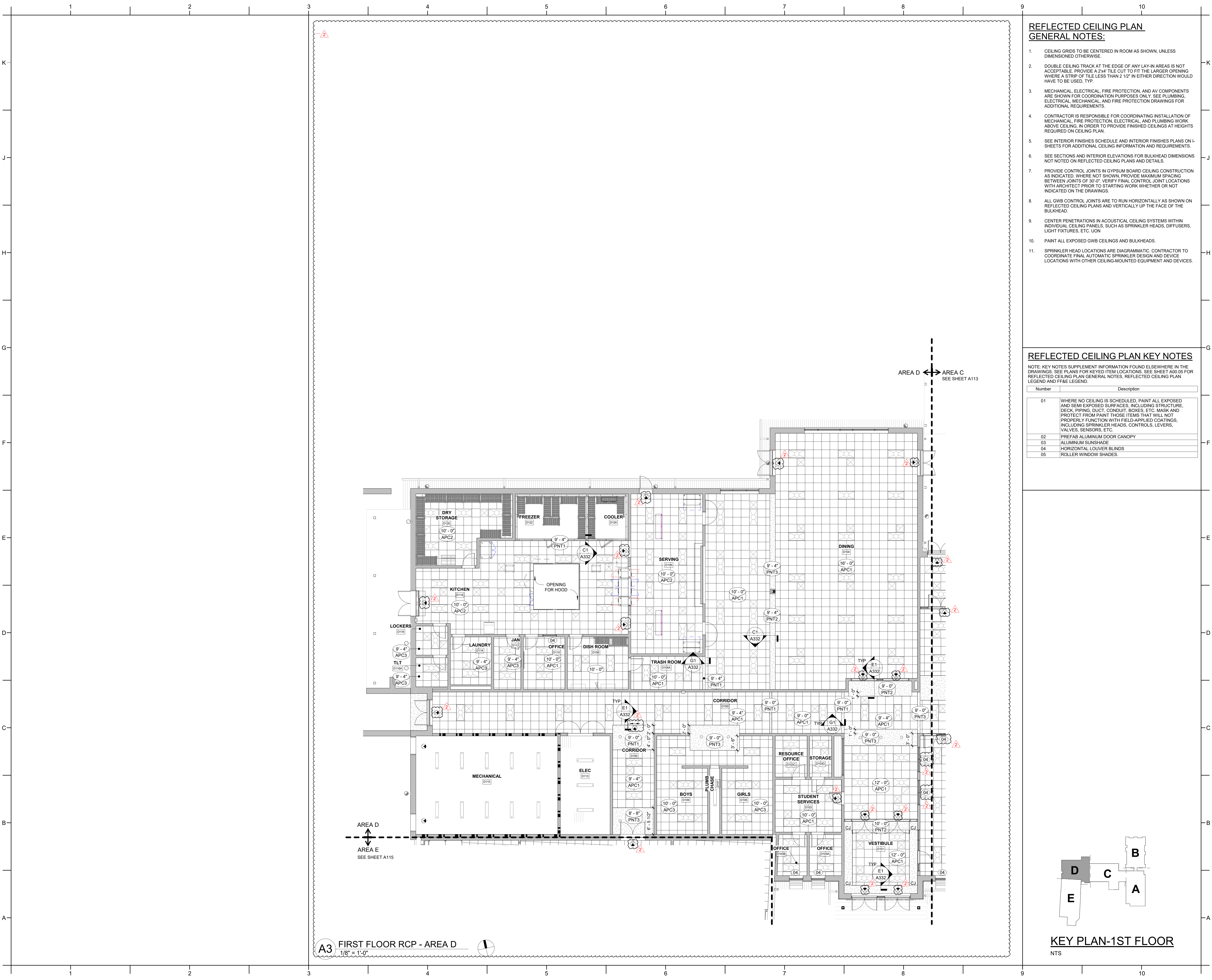
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: VK
Plot Date: 2/10/2025 6:25:31 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
FIRST FLOOR RCP - AREA C

A113



- REFLECTED CEILING PLAN**
GENERAL NOTES:
1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
 2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2x4" TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
 3. MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
 4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
 5. SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON I-SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
 6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
 7. PROVIDE CONTROL JOINTS 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.
 8. ALL GWB CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
 9. CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UON
 10. PAINT ALL EXPOSED GWB CEILINGS AND BULKHEADS.
 11. SPRINKLER HEAD LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE FINAL AUTOMATIC SPRINKLER DESIGN AND DEVICE LOCATIONS WITH OTHER CEILING-MOUNTED EQUIPMENT AND DEVICES.

REFLECTED CEILING PLAN KEY NOTES

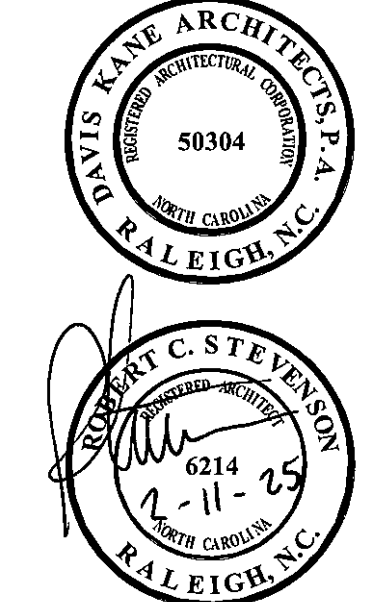
NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

| Number | Description |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | WHERE NO CEILING IS SCHEDULED, PAINT ALL EXPOSED AND SEMI-EXPOSED SURFACES, INCLUDING STRUCTURE, DECK, PIPING, DUCT, CONDUIT, BOXES, ETC. MASK AND PROTECT FROM PAINT THOSE ITEMS THAT WILL NOT PROPERLY FUNCTION WITH FIELD-APPLIED COATINGS, INCLUDING SPRINKLER HEADS, CONTROLS, LEVERS, VALVES, SENSORS, ETC. |
| 02 | PREFAB ALUMINUM DOOR CANOPY |
| 03 | ALUMINUM SUNSHADE |
| 04 | HORIZONTAL LOUVER BLINDS |
| 05 | ROLLER WINDOW SHADES. |

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

REVISIONS

| 2 | ADDENDUM #2 | 2/11/2025 |
|---|-------------|-----------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

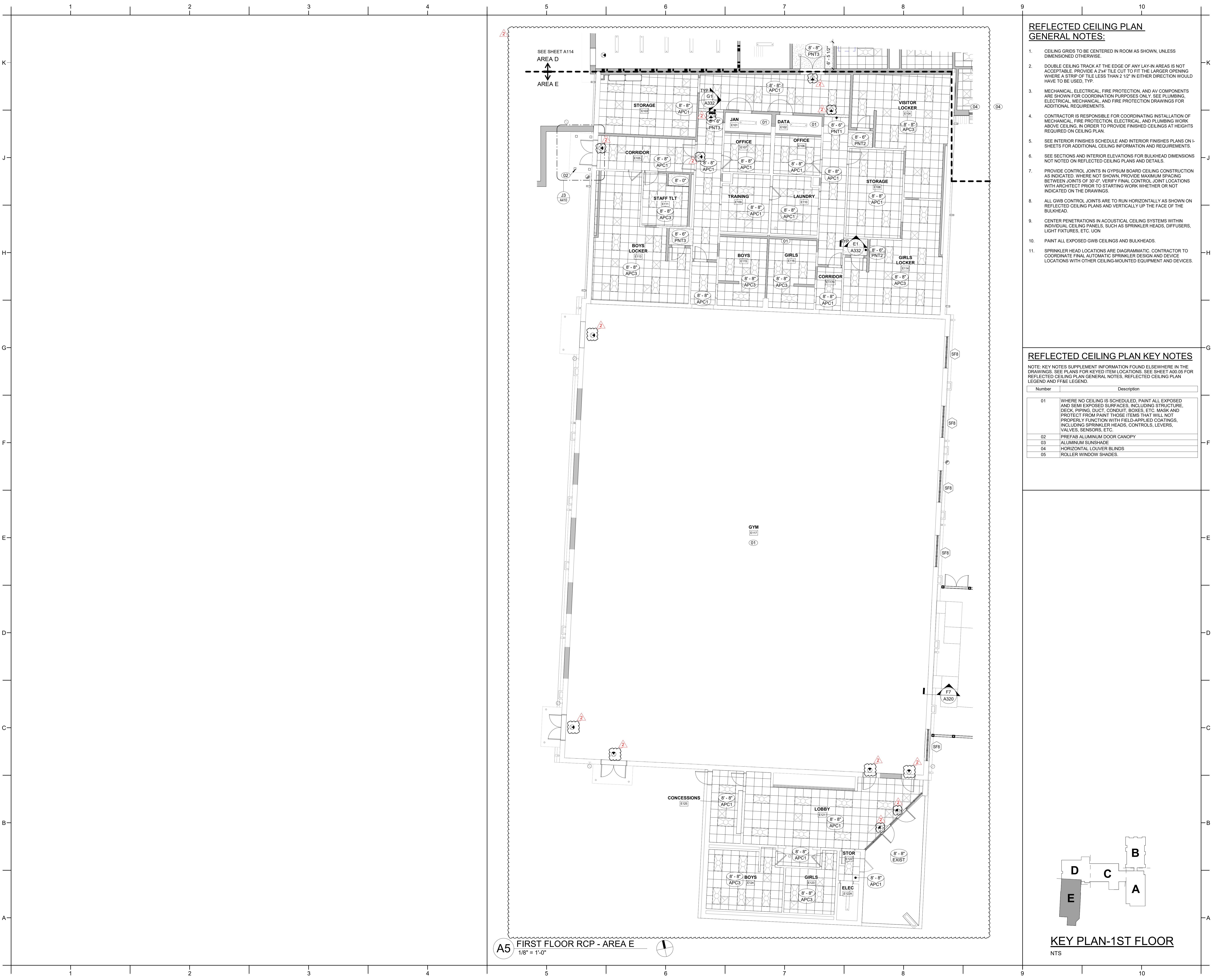
These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: VK
Plot Date: 2/10/2025 6:25:36 PM

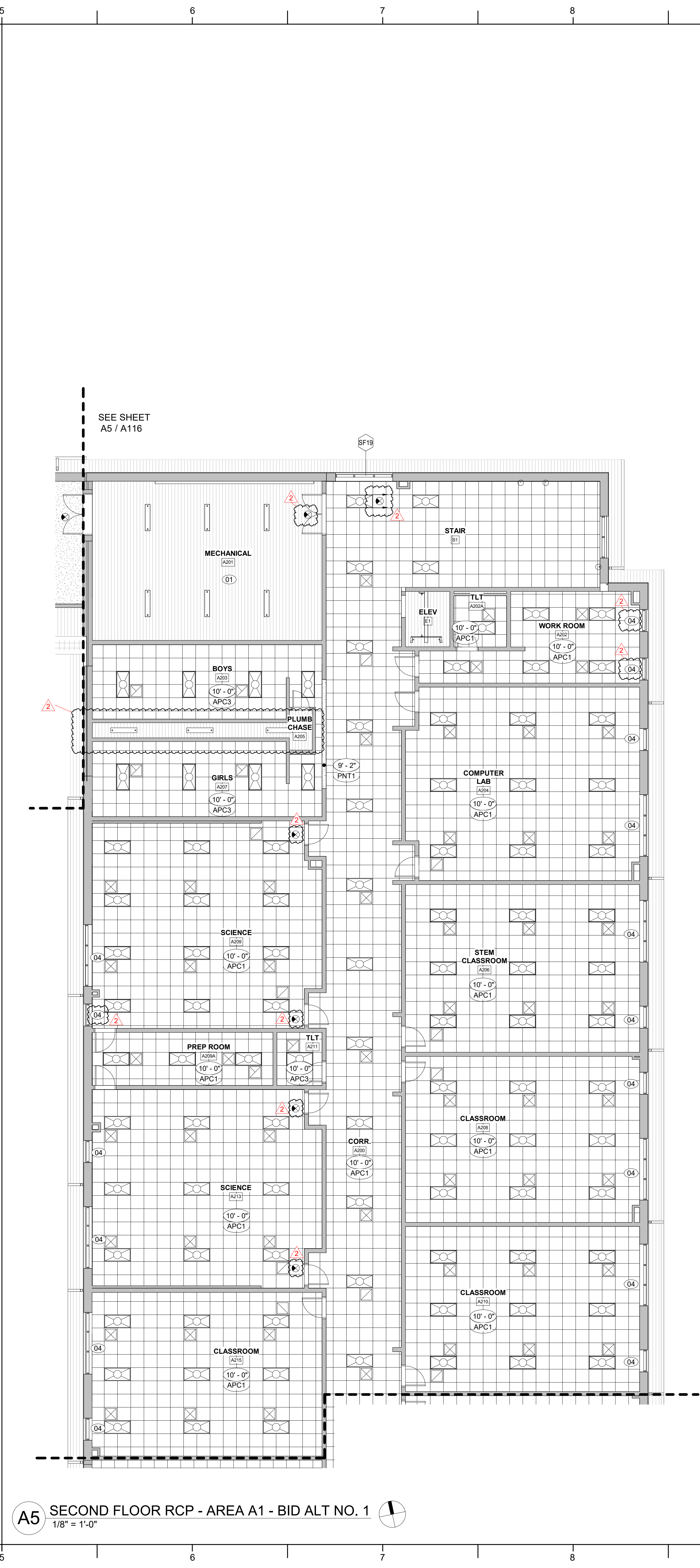
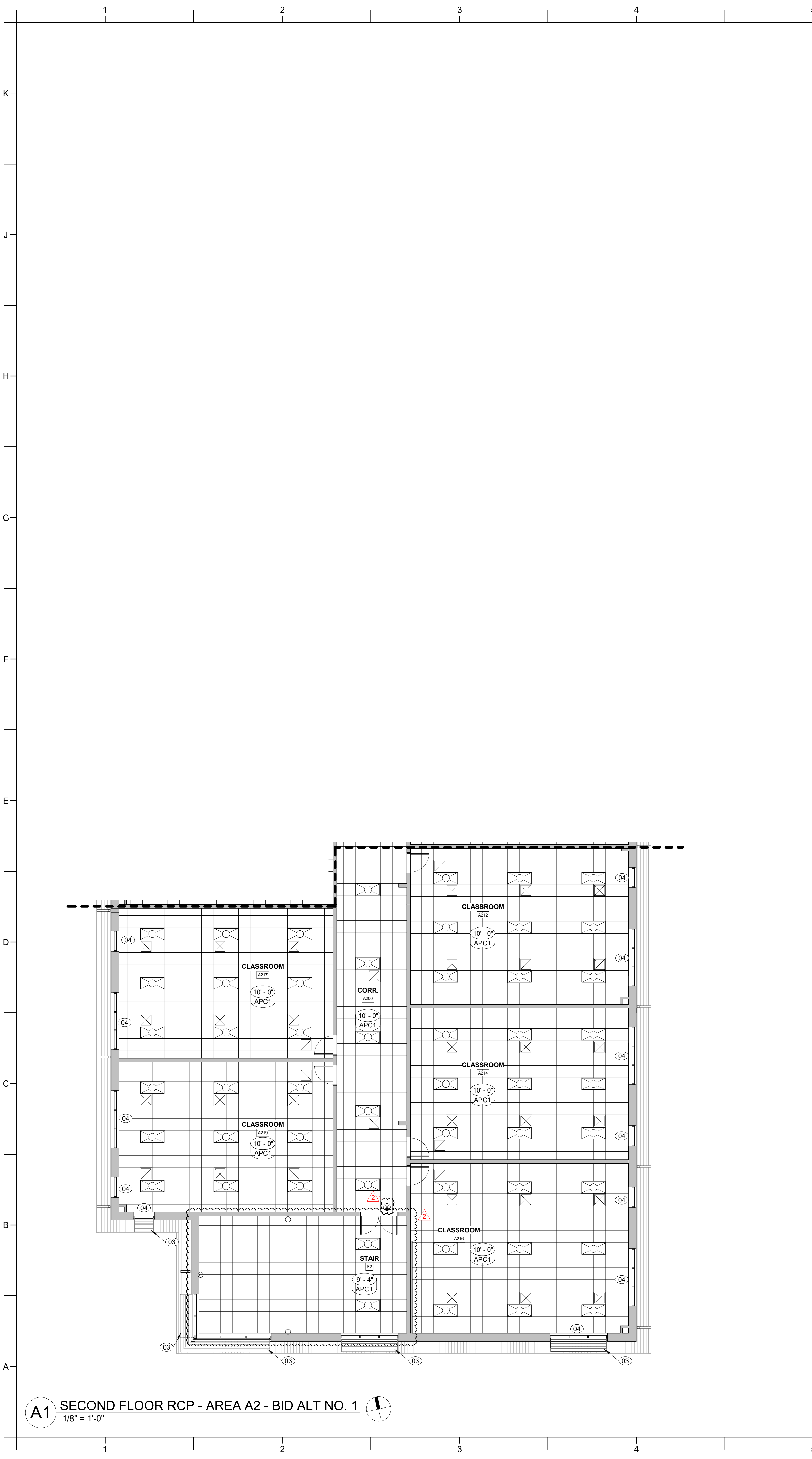
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
FIRST FLOOR RCP - AREA D
A114







REFLECTED CEILING PLAN

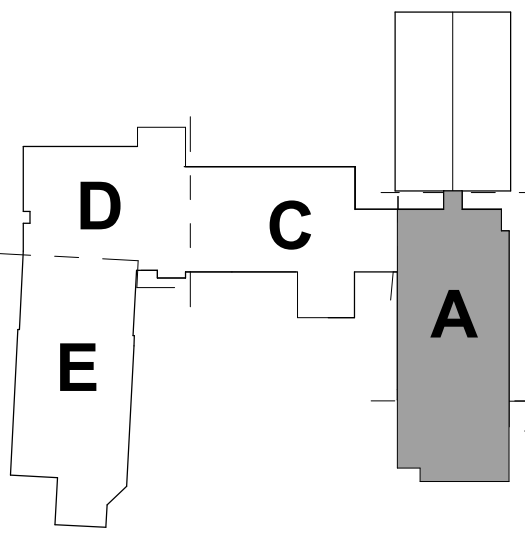
GENERAL NOTES:

- CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
- DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2x4" TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
- MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
- SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON I-SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
- SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
- PROVIDE CONTROL JOINTS 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.
- ALL GWB CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
- CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UON
- PAINT ALL EXPOSED GWB CEILINGS AND BULKHEADS.
- SPRINKLER HEAD LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE FINAL AUTOMATIC SPRINKLER DESIGN AND DEVICE LOCATIONS WITH OTHER CEILING-MOUNTED EQUIPMENT AND DEVICES.

REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

| Number | Description |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | WHERE NO CEILING IS SCHEDULED, PAINT ALL EXPOSED AND SEMI EXPOSED SURFACES, INCLUDING STRUCTURE, DECK, PIPING, DUCT, CONDUIT, BOXES, ETC. MASK AND PROTECT FROM PAINT THOSE ITEMS THAT WILL NOT PROPERLY FUNCTION WITH FIELD-APPLIED COATINGS, INCLUDING SPRINKLER HEADS, CONTROLS, LEVERS, VALVES, SENSORS, ETC. |
| 02 | PREFAB ALUMINUM DOOR CANOPY |
| 03 | ALUMINUM SUNSHADE |
| 04 | HORIZONTAL LOUVER BLINDS |
| 05 | ROLLER WINDOW SHADES. |



KEY PLAN - 2ND FLOOR

NTS



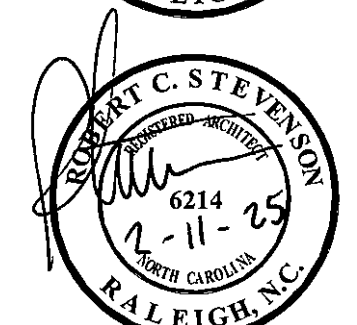
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.davis-kane.com

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

- ADDENDUM #1 2/3/2025
- ADDENDUM #2 2/11/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: VK
Plot Date: 2/10/2025 6:25:47 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
SECOND FLOOR RCP
- AREA A - BID ALT
NO. 1

A117



REFLECTED CEILING PLAN

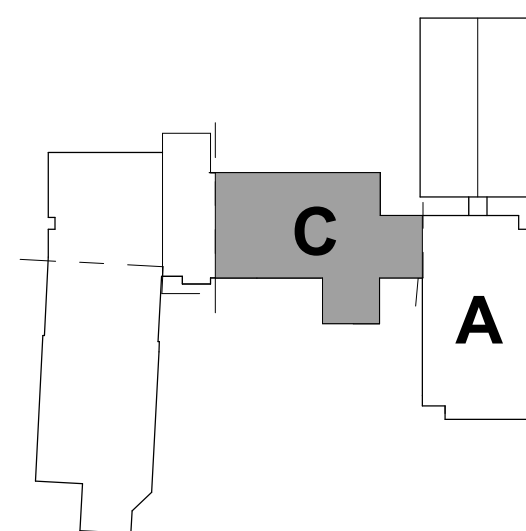
GENERAL NOTES:

1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2"x4" TIE OUT TO FIT THE LARGER ORIGINATOR WHERE A STRIP OF THE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED. TYP.
3. MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY, SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILING AT HEIGHTS SHOWN ON CEILING PLAN.
5. SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON 1 SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
7. PROVIDE CONTROL JOINTS 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.
8. ALL GWB CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
9. CEILING PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN THE CEILING PLANS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UON
10. PAINT ALL EXPOSED GWB CEILINGS AND BULKHEADS.
11. SPRINKLER HEAD LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE FINAL AUTOMATIC SPRINKLER DESIGN AND DEVICE LOCATIONS WITH OTHER CEILING-MOUNTED EQUIPMENT AND DEVICES.

REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

| Number | Description |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | WHERE NO CEILING IS SCHEDULED, PAINT ALL EXPOSED AND SEMI EXPOSED SURFACES, INCLUDING STRUCTURE, DECK, PIPING, DUCT, CONDUIT, BOXES, ETC. MASK AND PROTECT FROM PAINT THOSE ITEMS THAT WILL NOT PROPERLY FUNCTION WITH FIELD-APPLIED COATINGS, INCLUDING SPRINKLER HEADS, CONTROLS, LEVERS, VALVES, SENSORS, ETC. |
| 02 | PREFAB ALUMINUM DOOR CANOPY |
| 03 | ALUMINUM GUNSHADE |
| 04 | HORIZONTAL LOUVER BLINDS |
| 05 | ROLLER WINDOW SHADES. |



KEY PLAN - 2ND FLOOR

NTS

DAVIS KANE
ARCHITECTS, P.C.

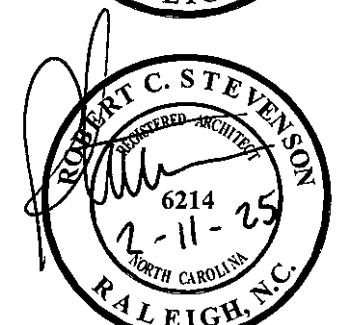
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.daviskane.com

PROJECT INFORMATICS

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S Goldsboro NC 27530

SEALS



OB NU

2401

REVISIONS

- | | | |
|---|-------------|---------|
| 1 | ADDENDUM #1 | 2/3/202 |
| 2 | ADDENDUM #2 | 2/11/20 |

These drawings are the property of Davis Kane Architects, P.A. They may not be reused for purpose without written permission.
Copyright © 2025 by Davis Kane Architects, All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KIRBY
Drawn By:
Plot Date: 2/10/2025 6:25:49

DATE ISSUED

BID DOCUMENTS
01/10/2025

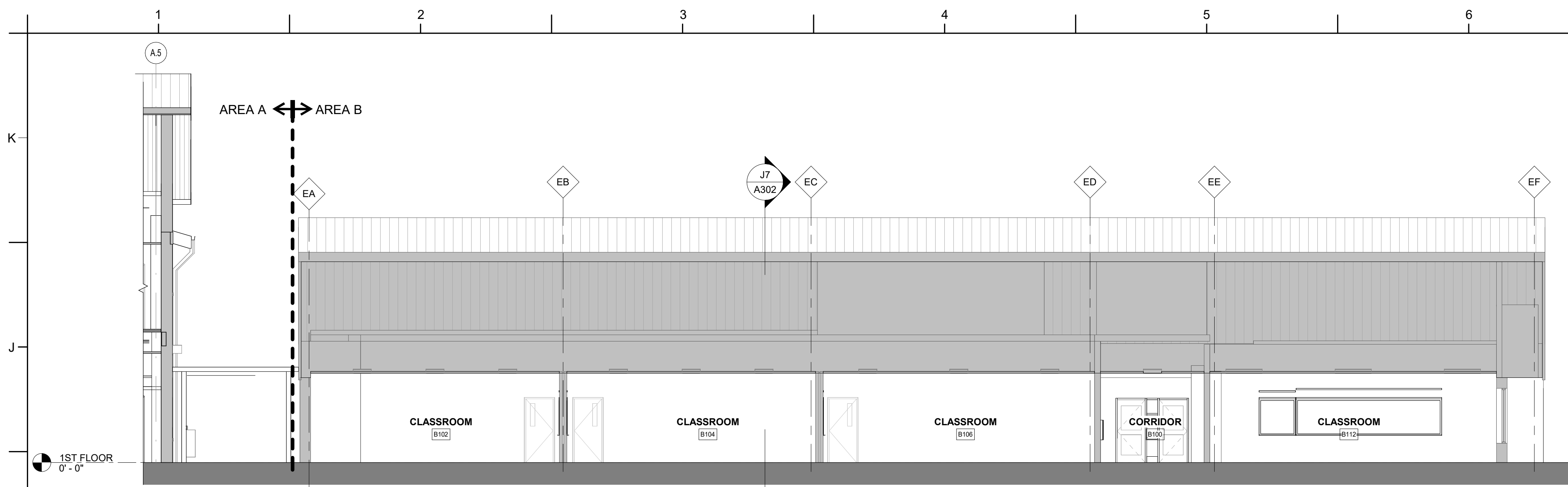
SHEET TITLE

SECOND FLOOR RCH
- AREA C

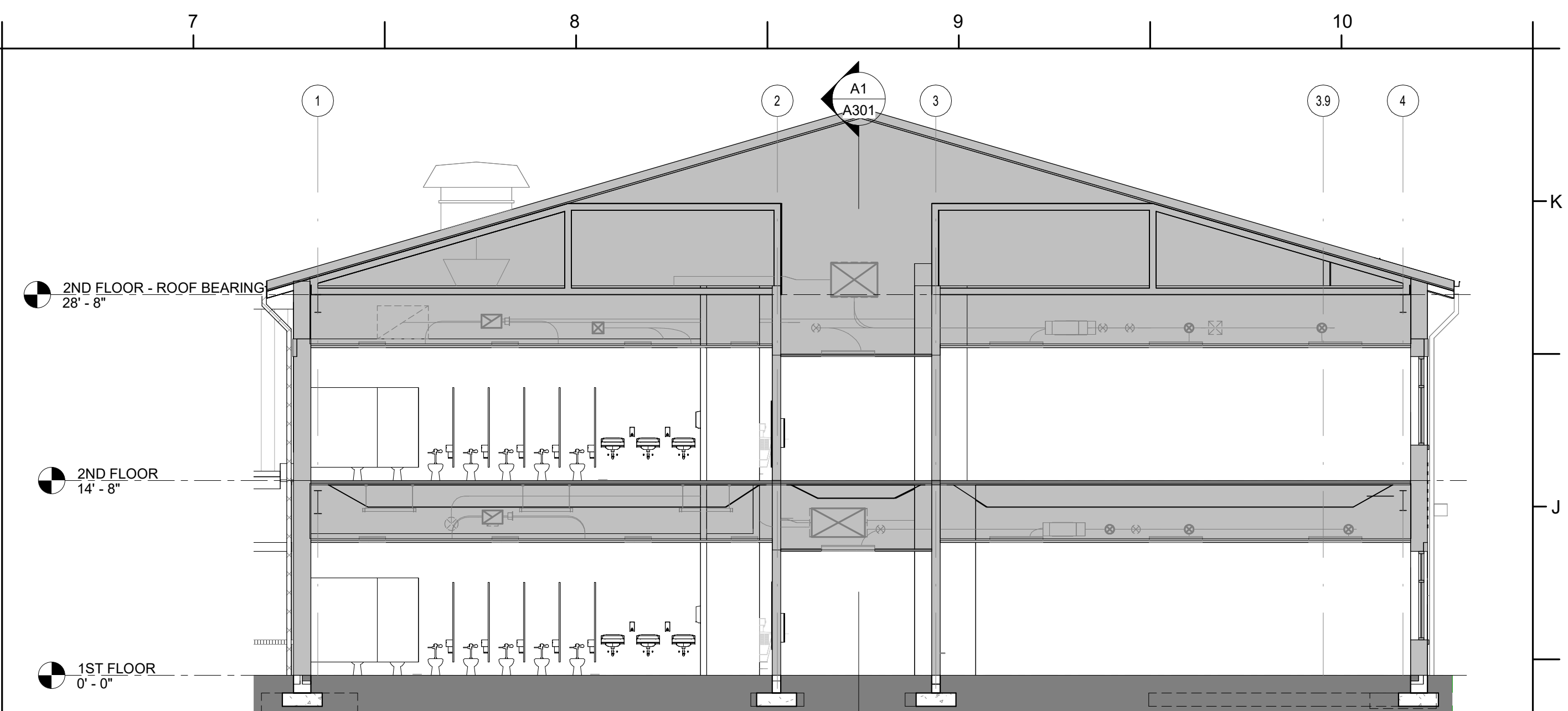
A118



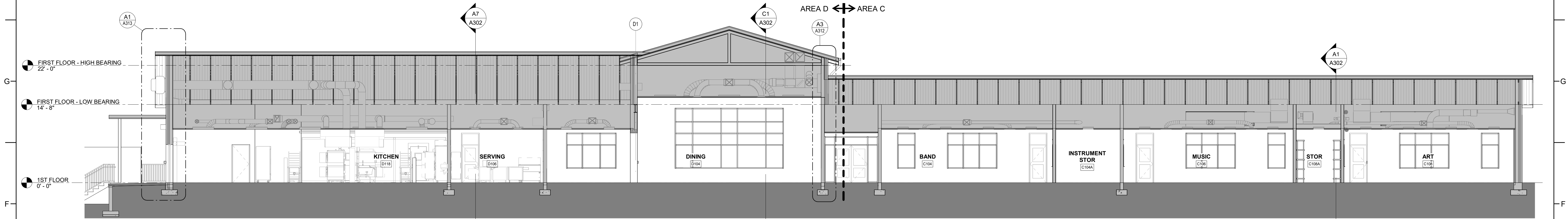




H1 LONGITUDINAL SECTION - AREA B - BID ALT NO. 2
1/8" = 1'-0"



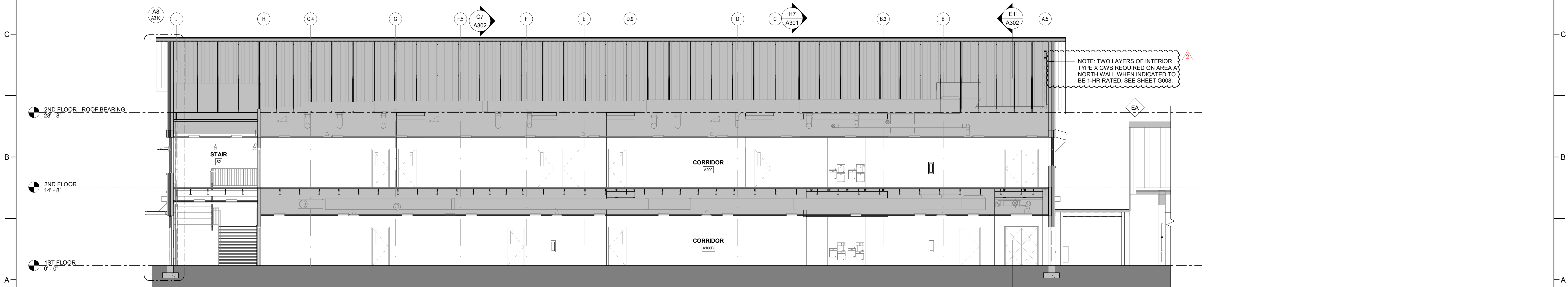
H7 TRANSVERSE SECTION - AREA A
1/8" = 1'-0"



F1 TRANSVERSE SECTION - AREA C & D
1/8" = 1'-0"



D1 LONGITUDINAL SECTION - AREA E
1/8" = 1'-0"

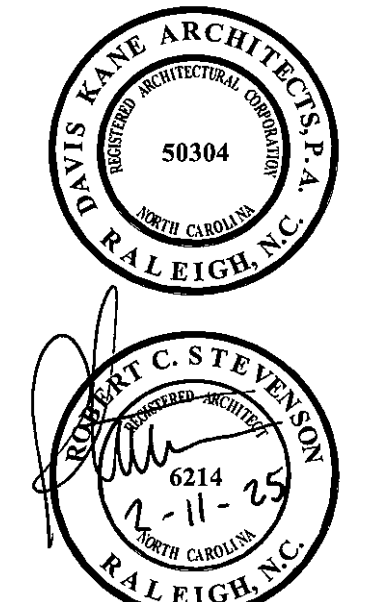


A1 LONGITUDINAL SECTION - AREA A
1/8" = 1'-0"

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

| REVISIONS | | |
|-----------|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A. All rights reserved.

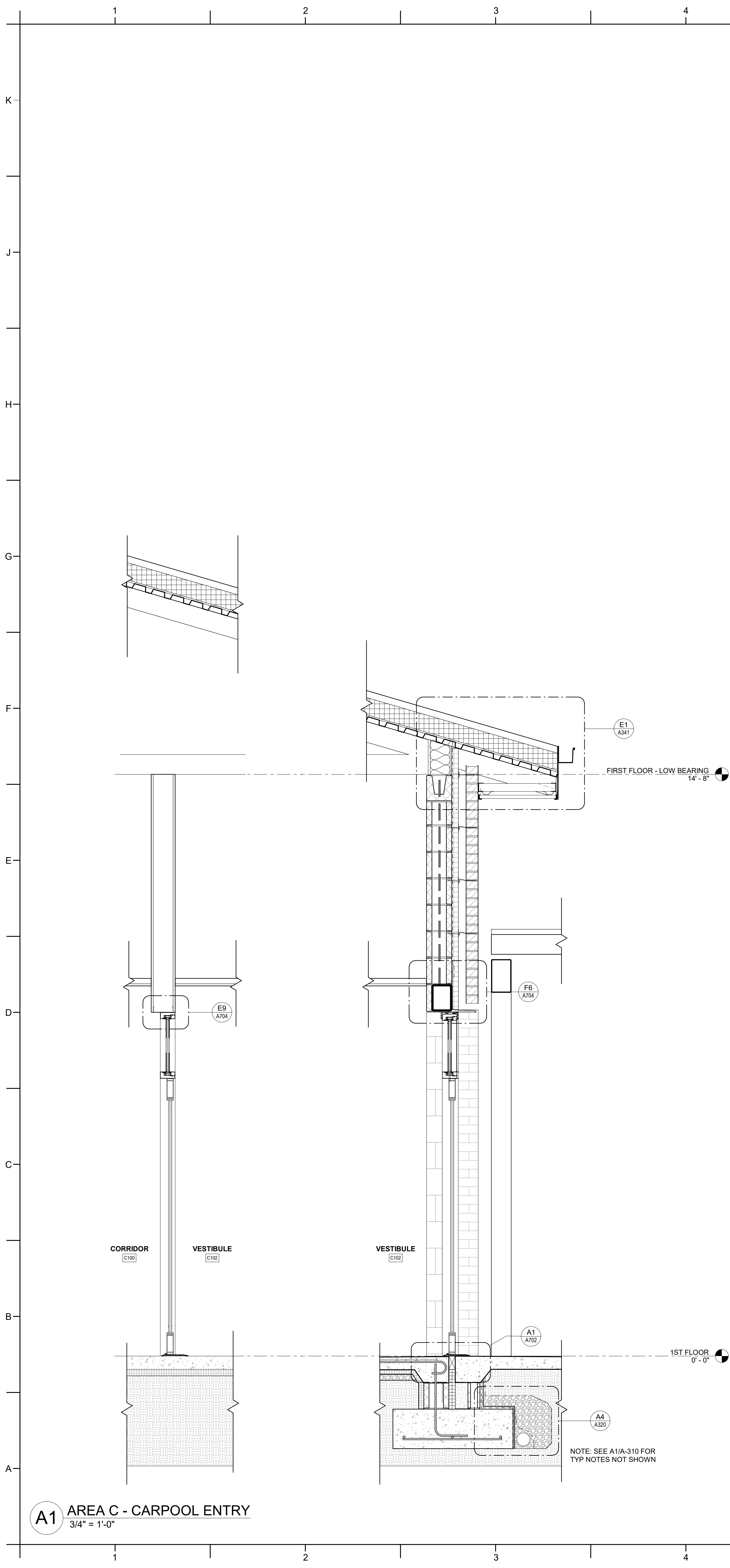
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 2/10/2025 6:26:55 PM

DATE ISSUED

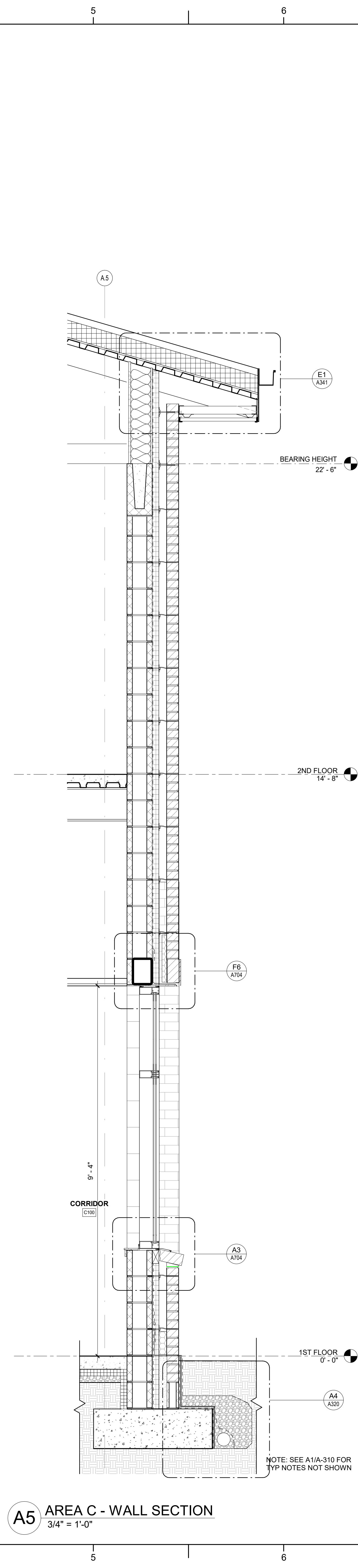
BID DOCUMENTS
01/10/2025

SHEET TITLE
WALL SECTIONS

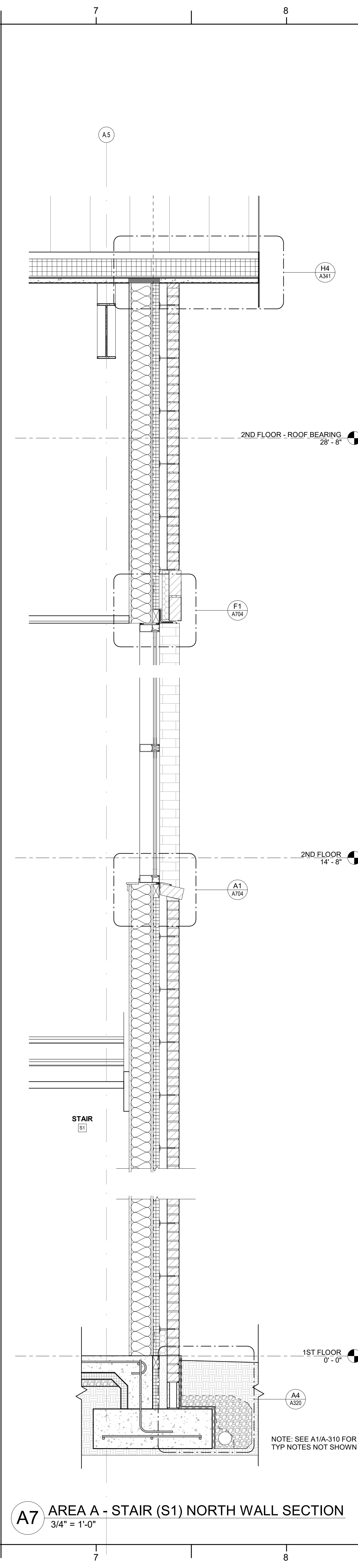
A311



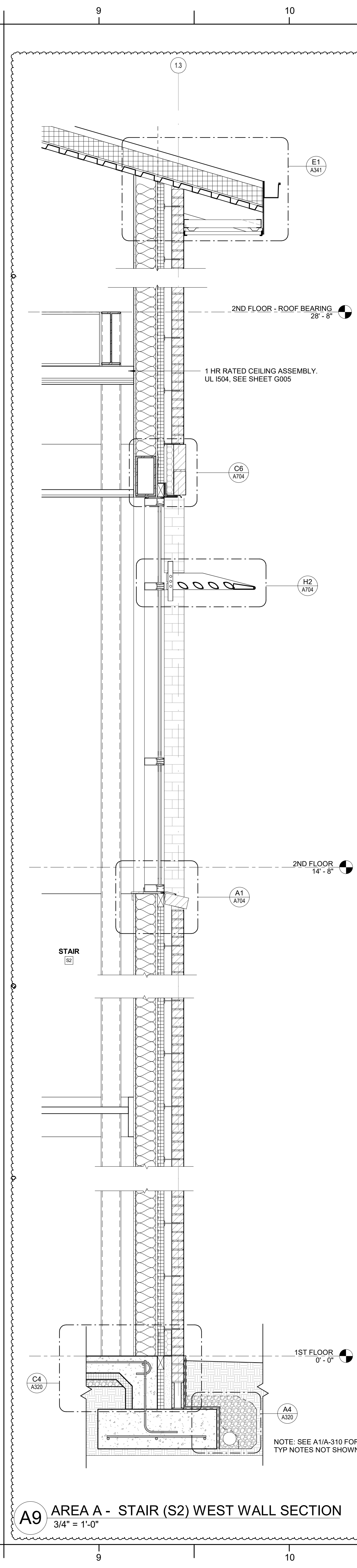
A1 AREA C - CARPOOL ENTRY
3/4" = 1'-0"



A5 AREA C - WALL SECTION
3/4" = 1'-0"



A7 AREA A - STAIR (S1) NORTH WALL SECTION
3/4" = 1'-0"



A9 AREA A - STAIR (S2) WEST WALL SECTION
3/4" = 1'-0"



541 North Carolina 581 S, Goldsboro, NC 27530

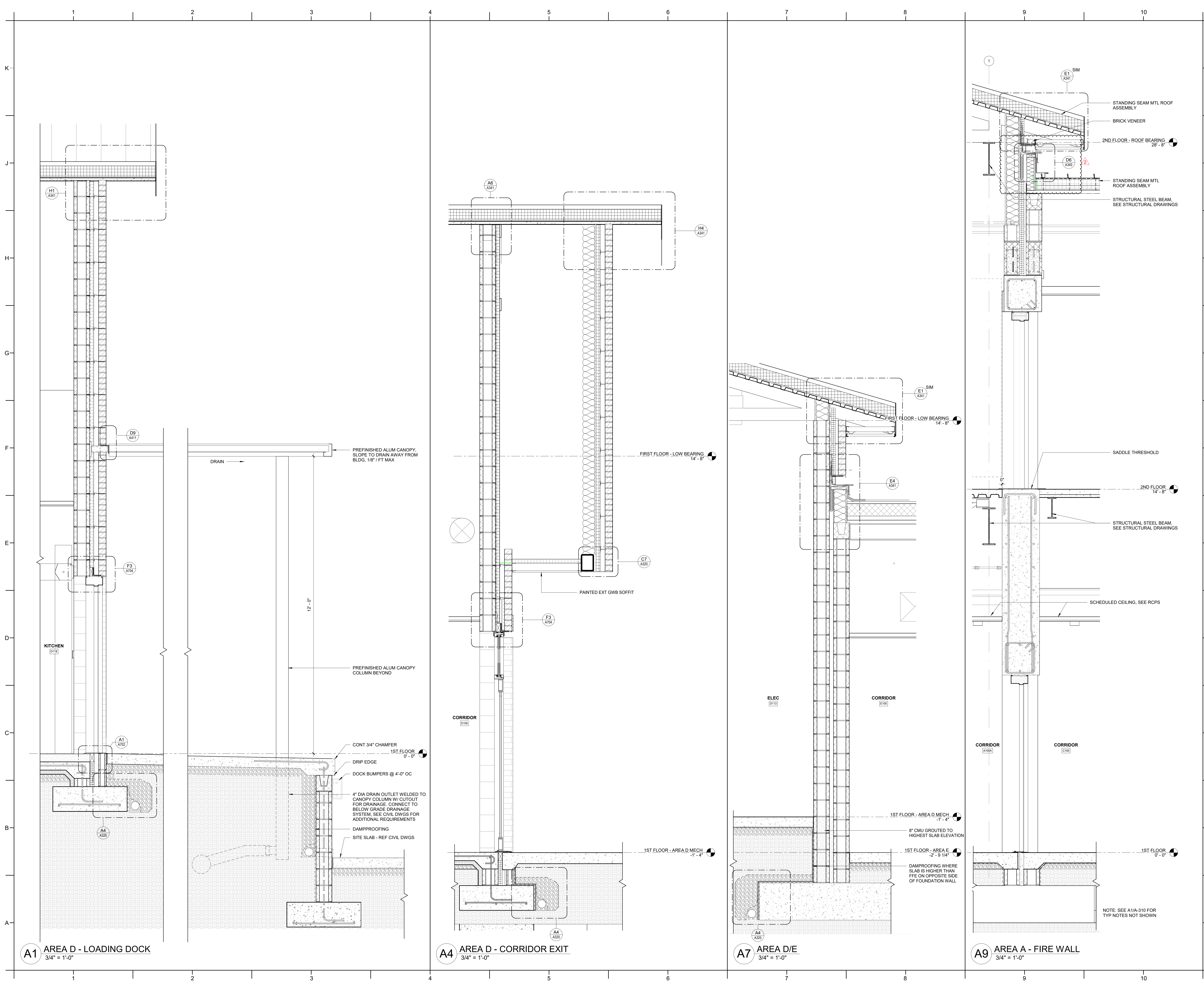
2401

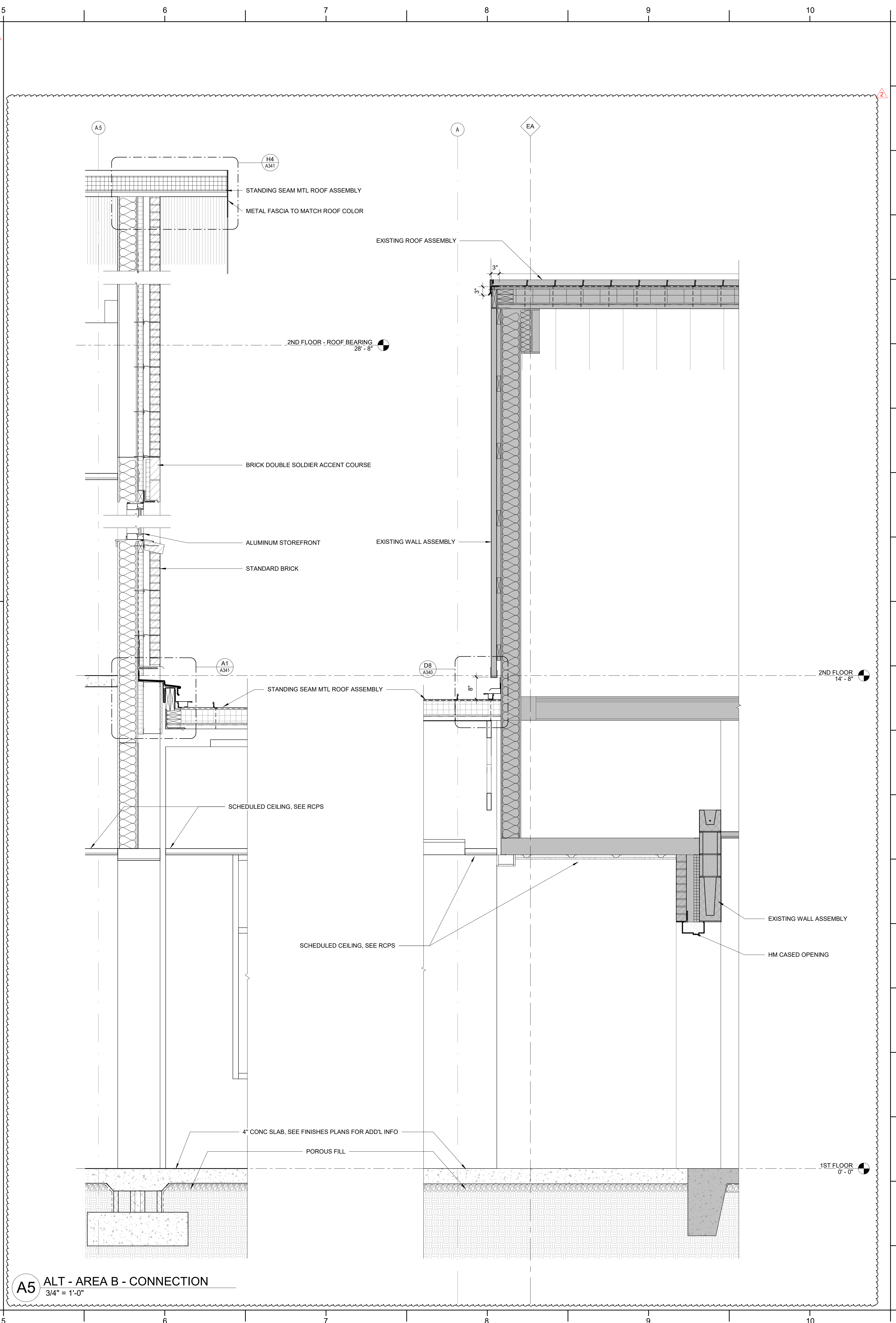
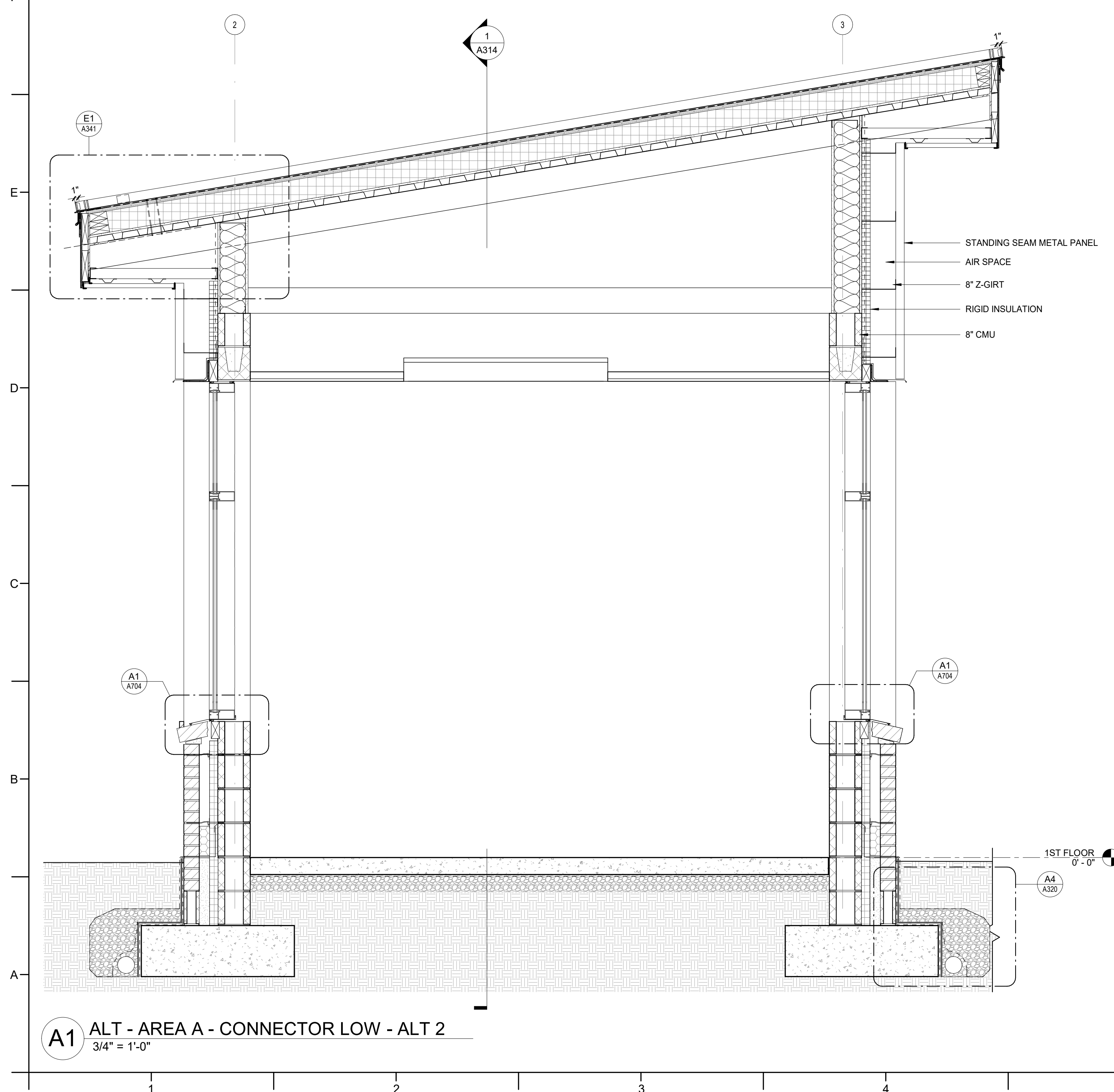
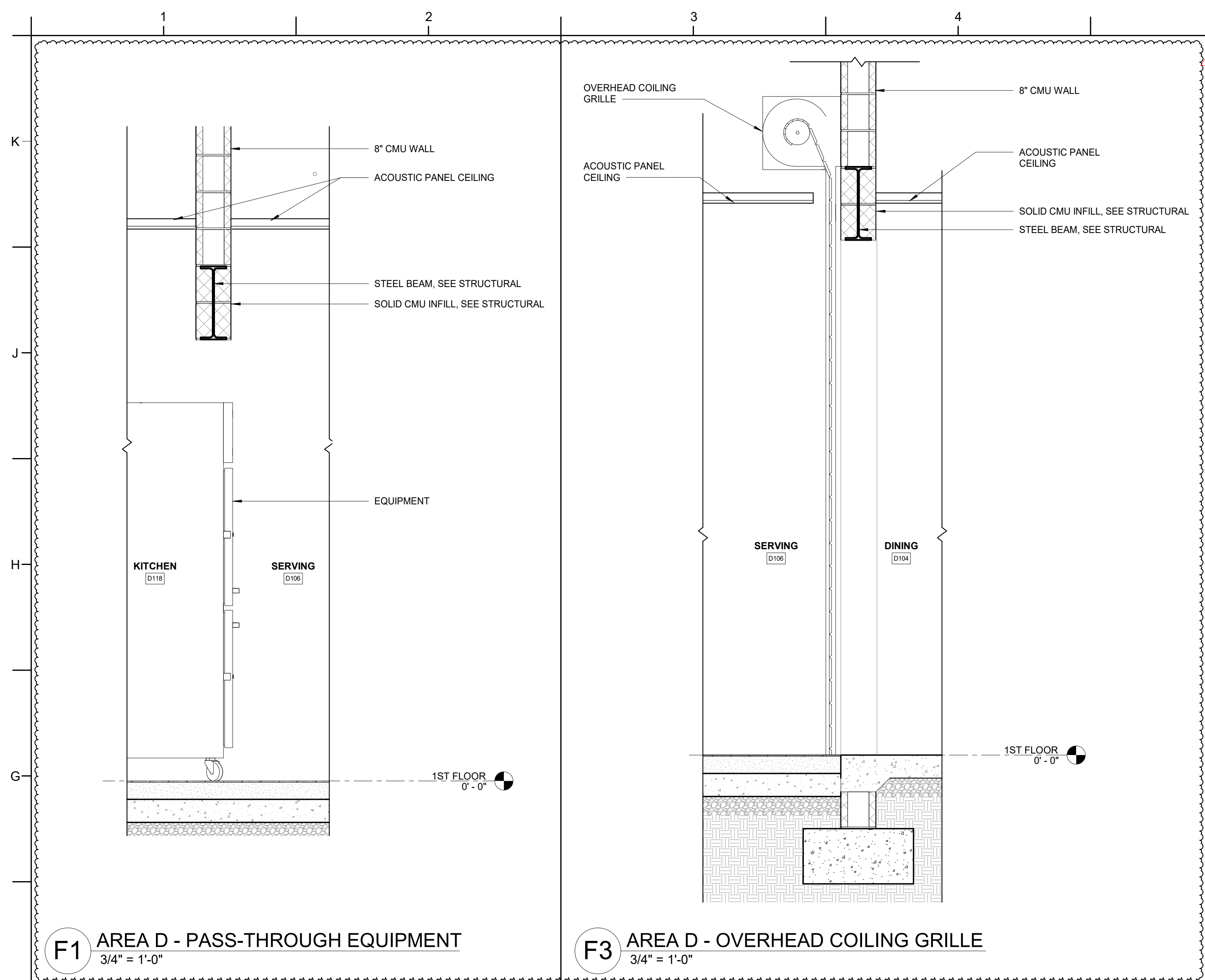
These drawings are the property of Davis Kane Architects, P.A. They may not be reused for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

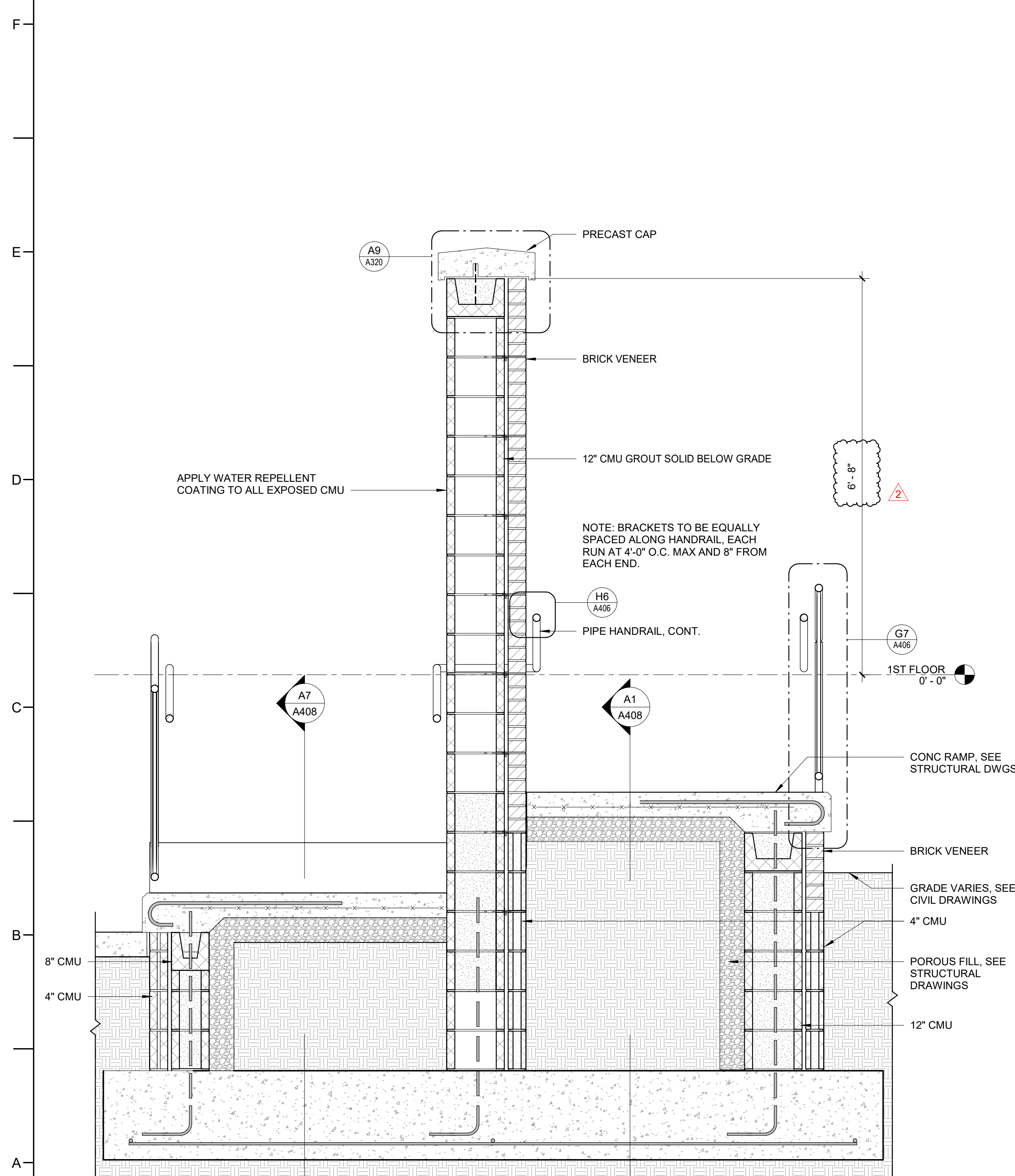
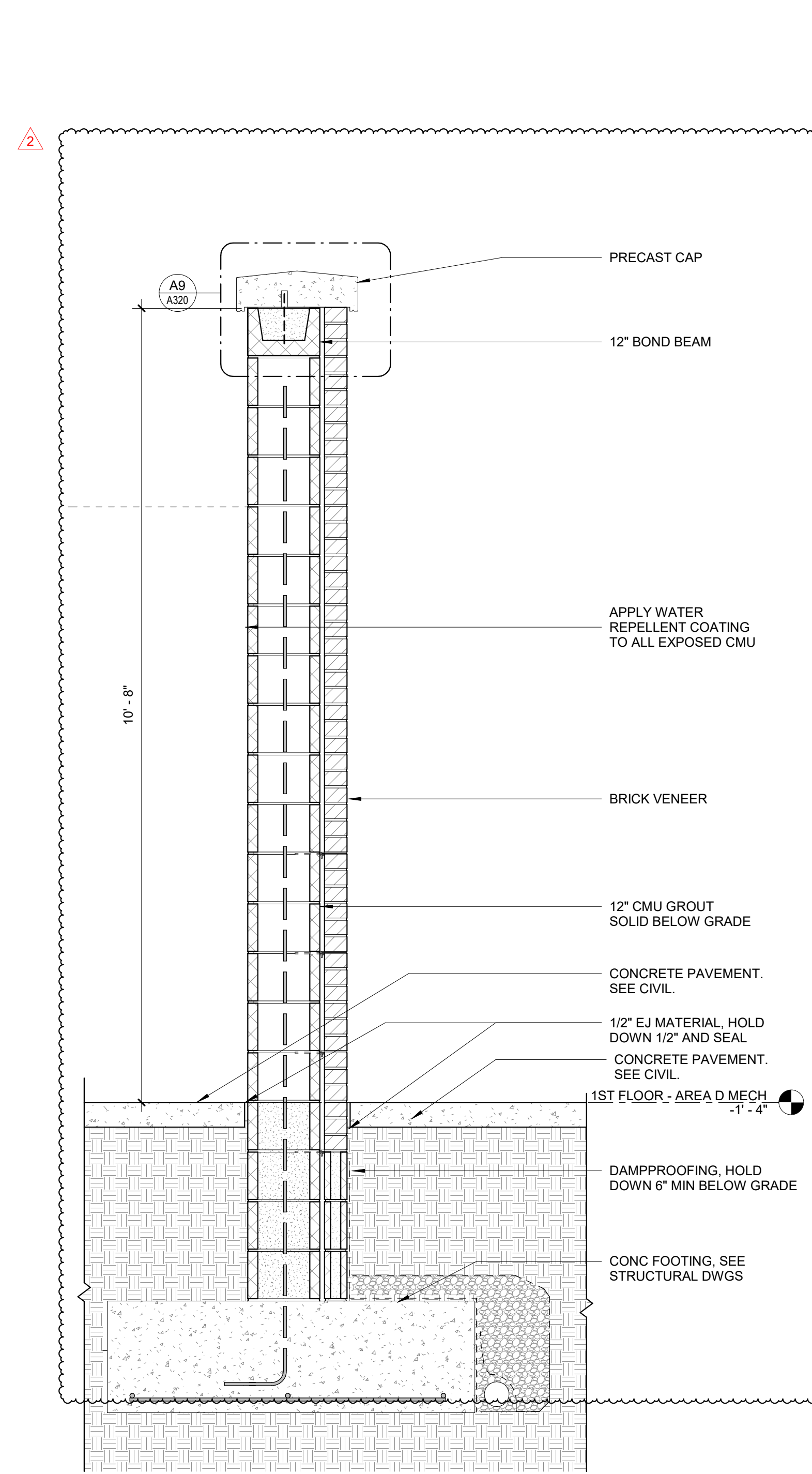
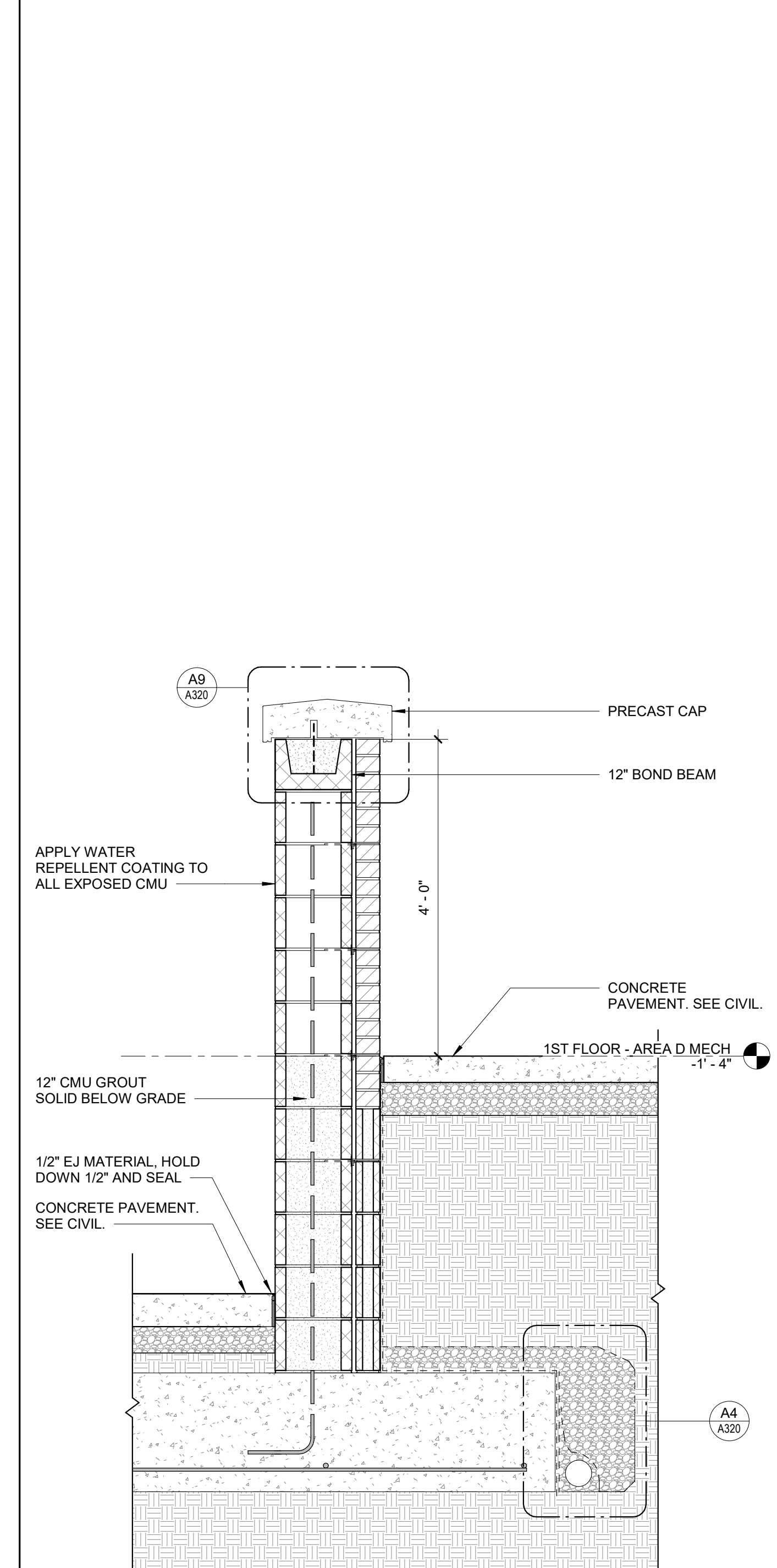
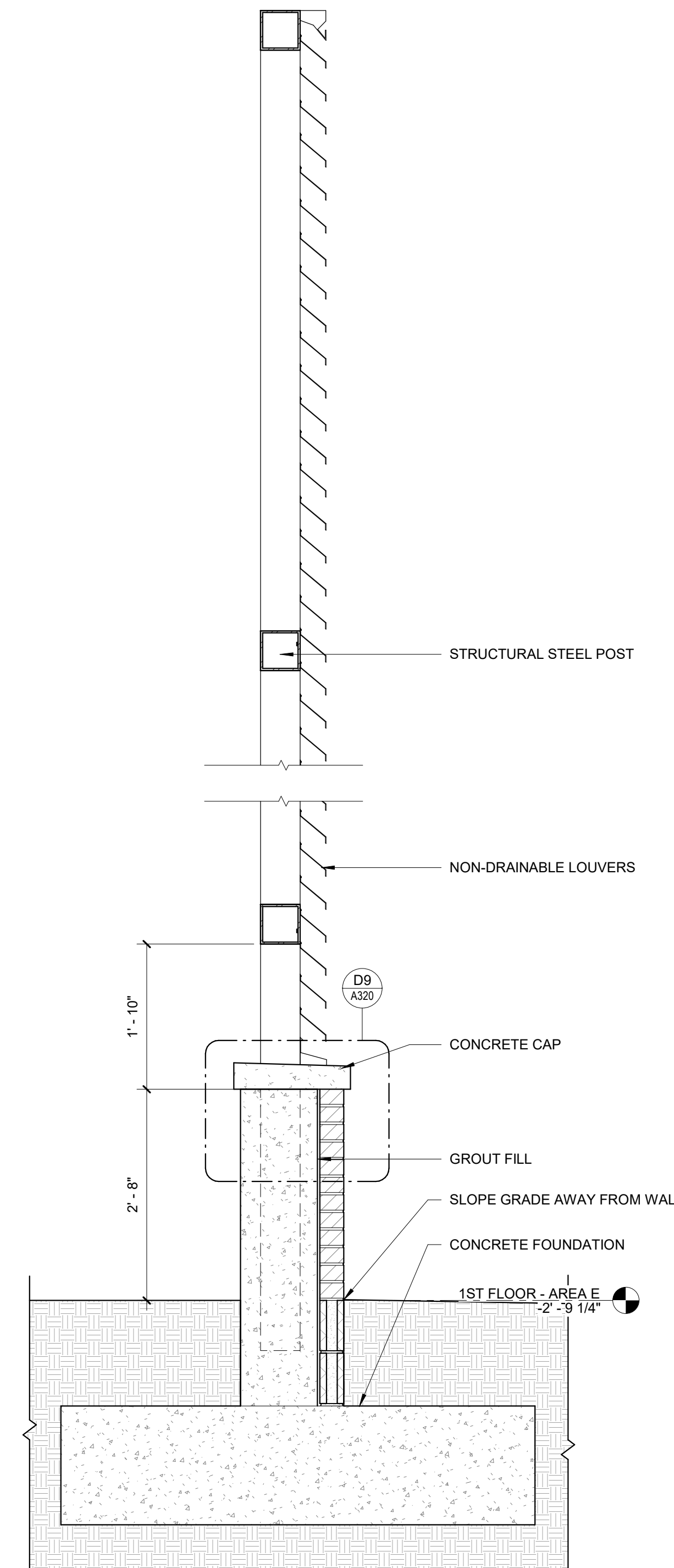
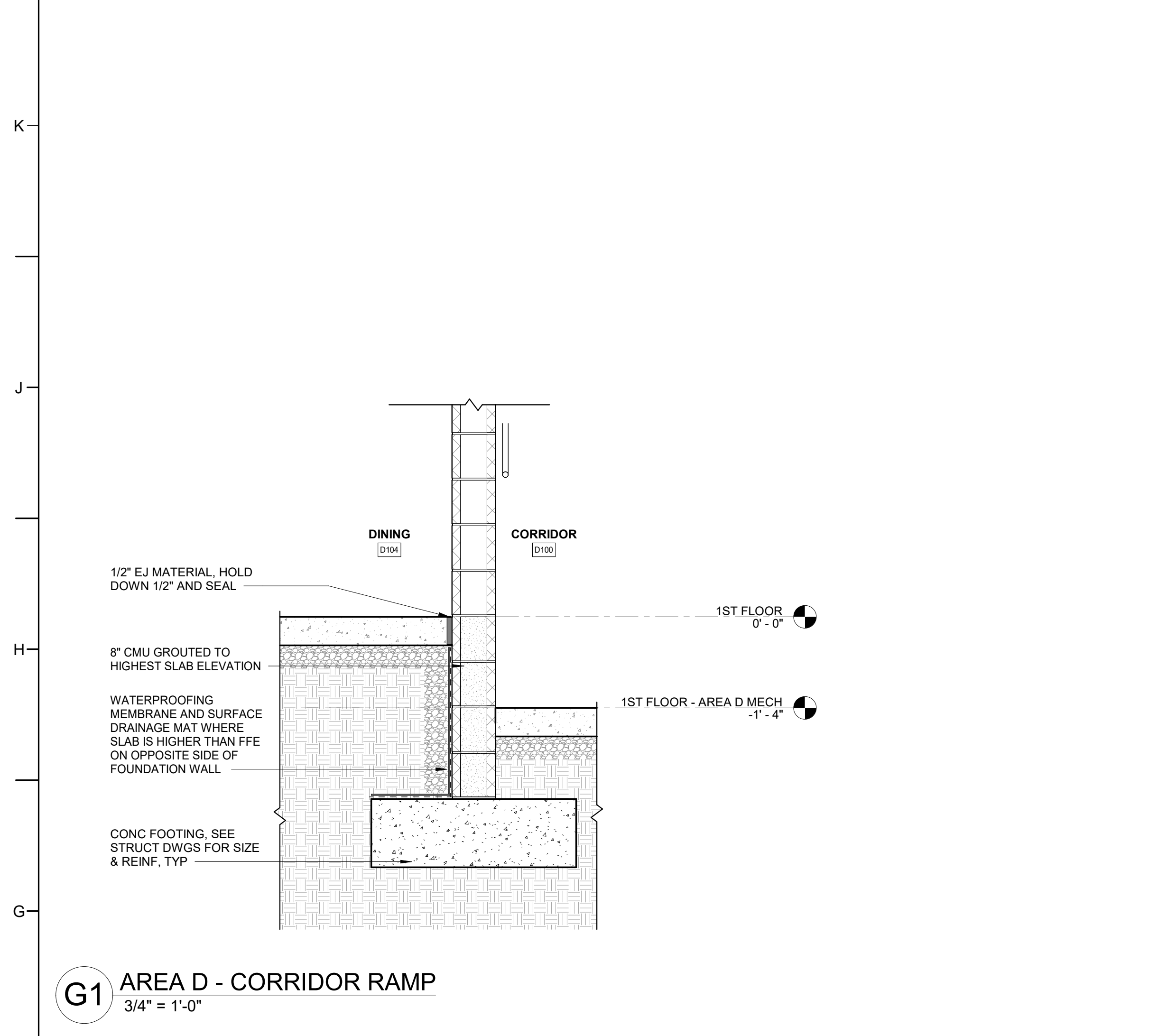
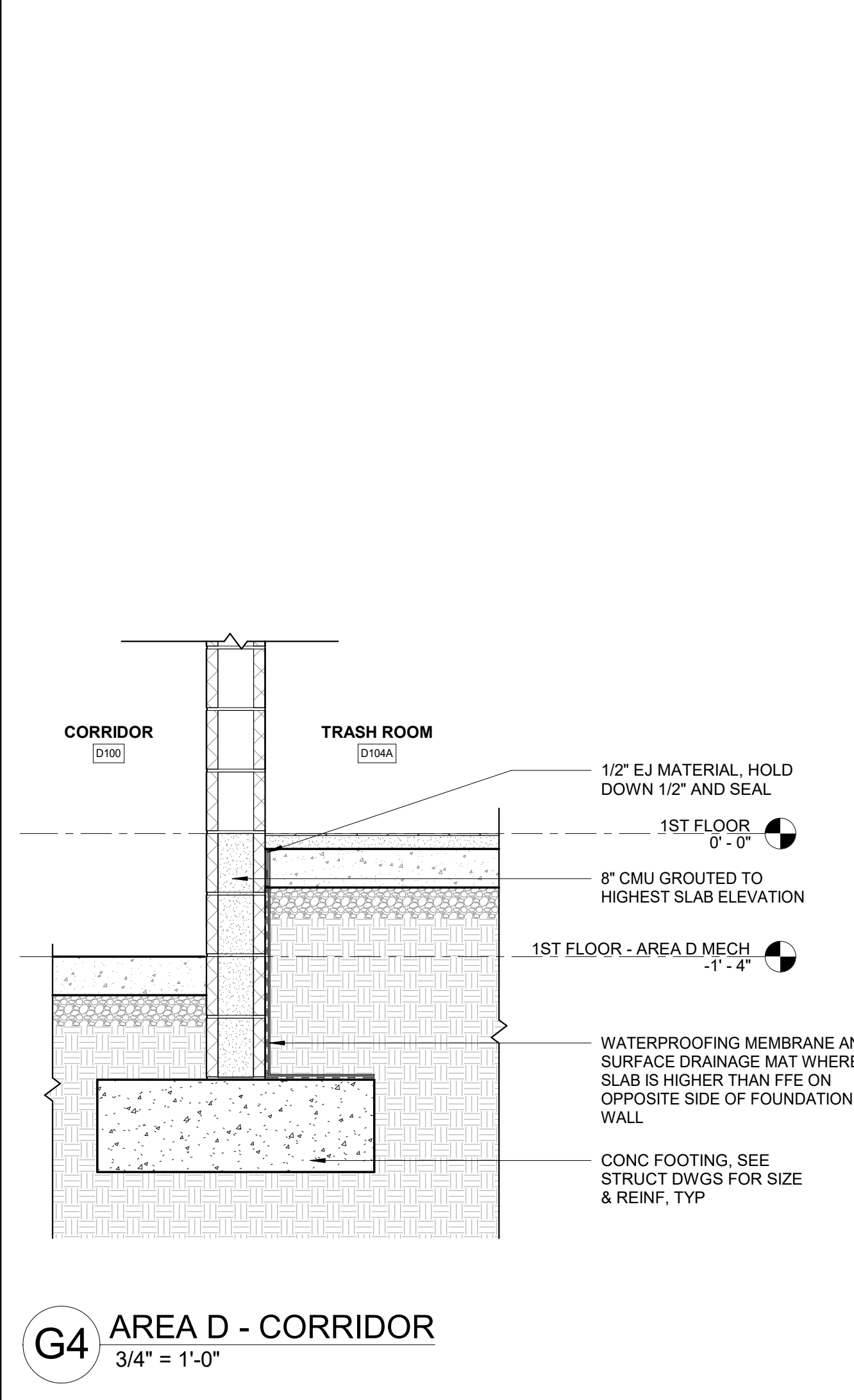
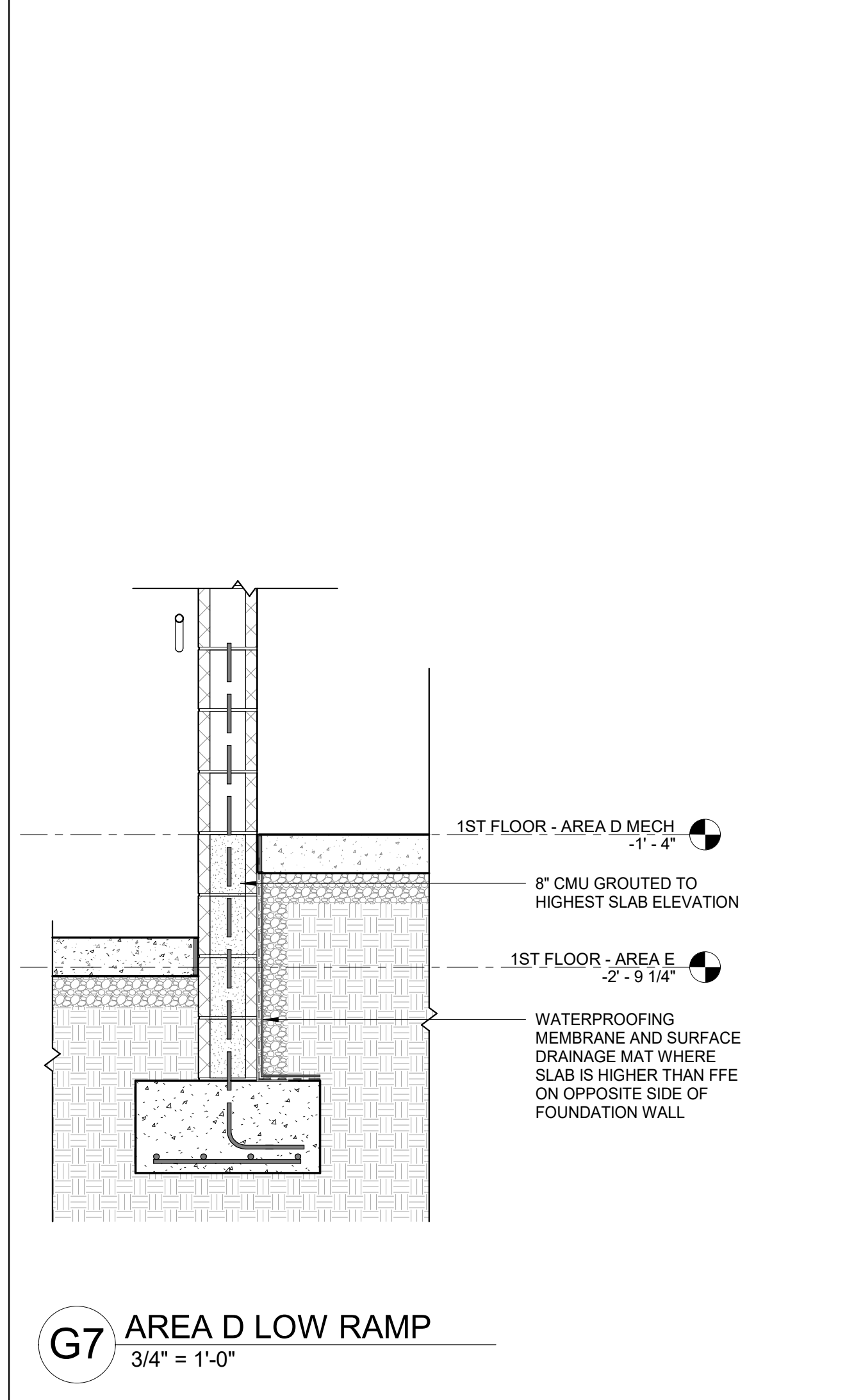
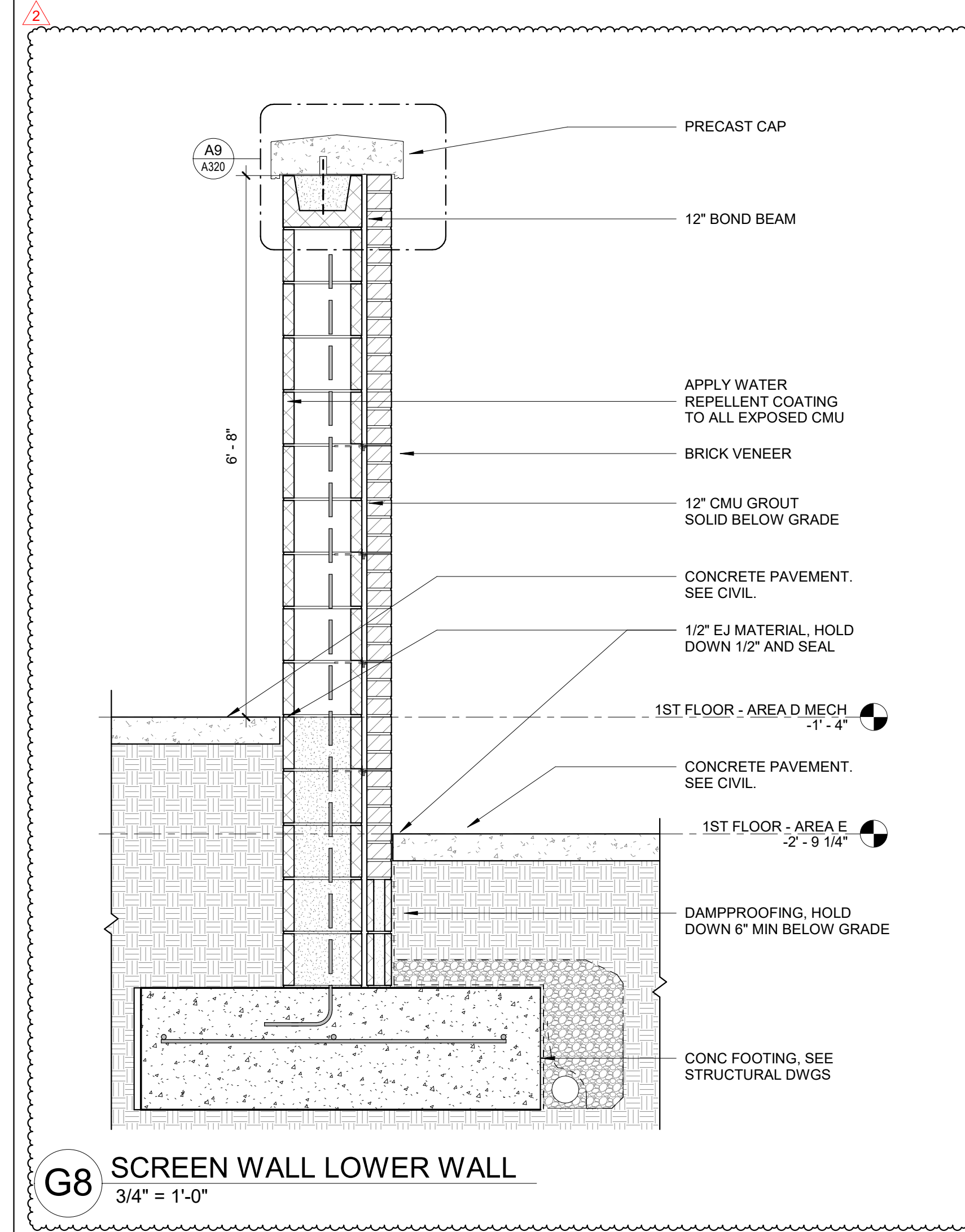
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 2/10/2025 6:27:12 PM

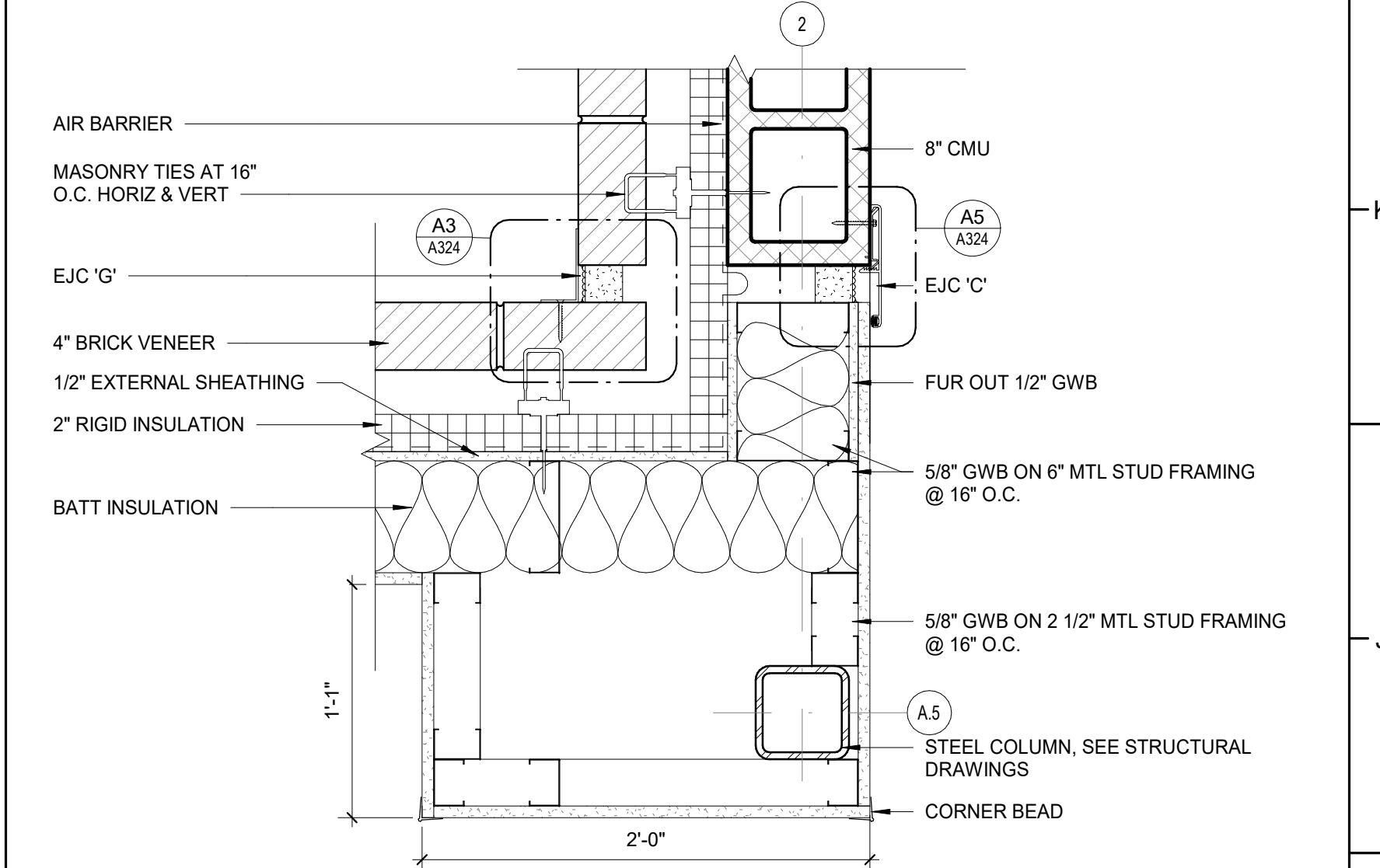
BID DOCUMENTS
01/10/2025

A313

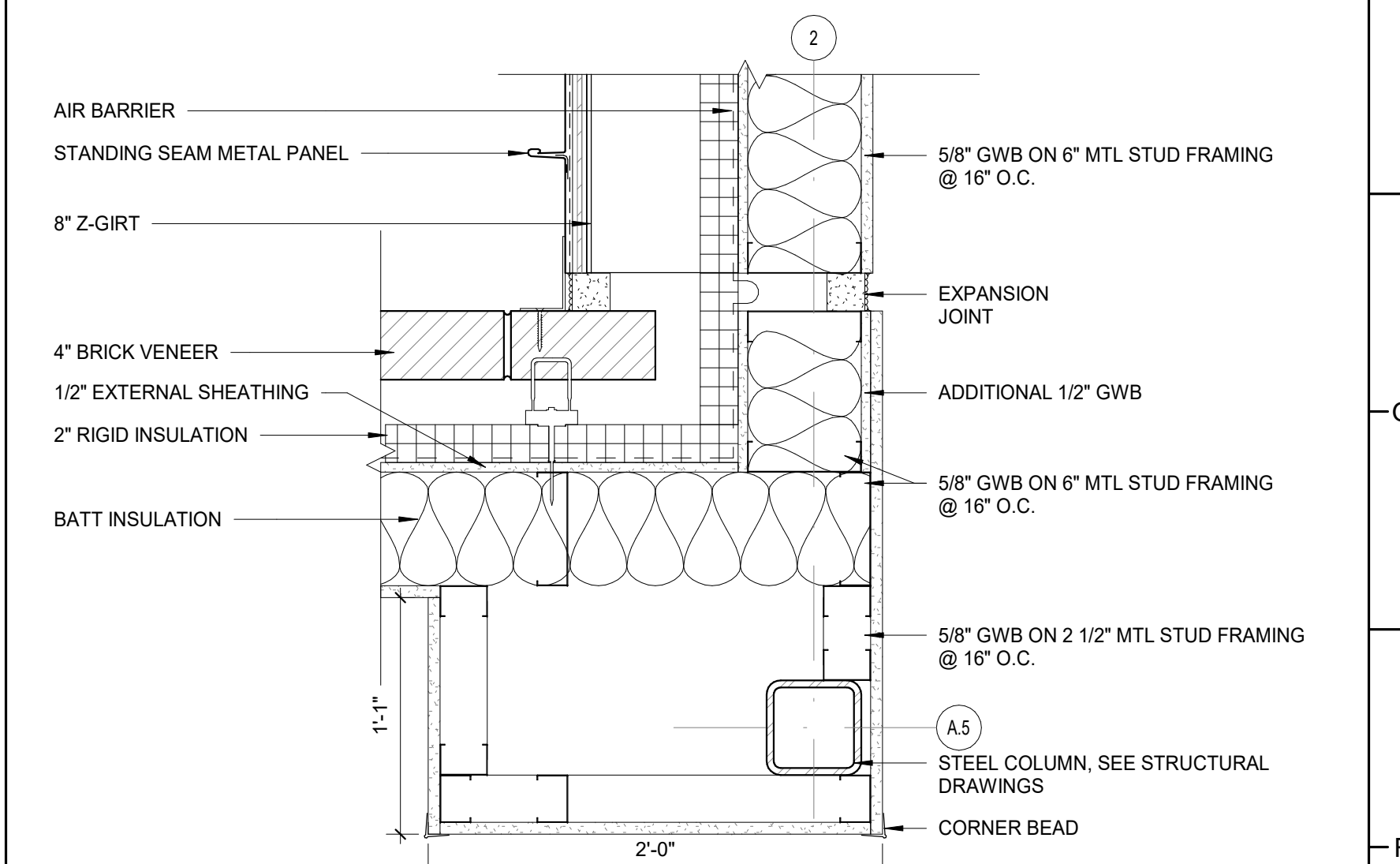




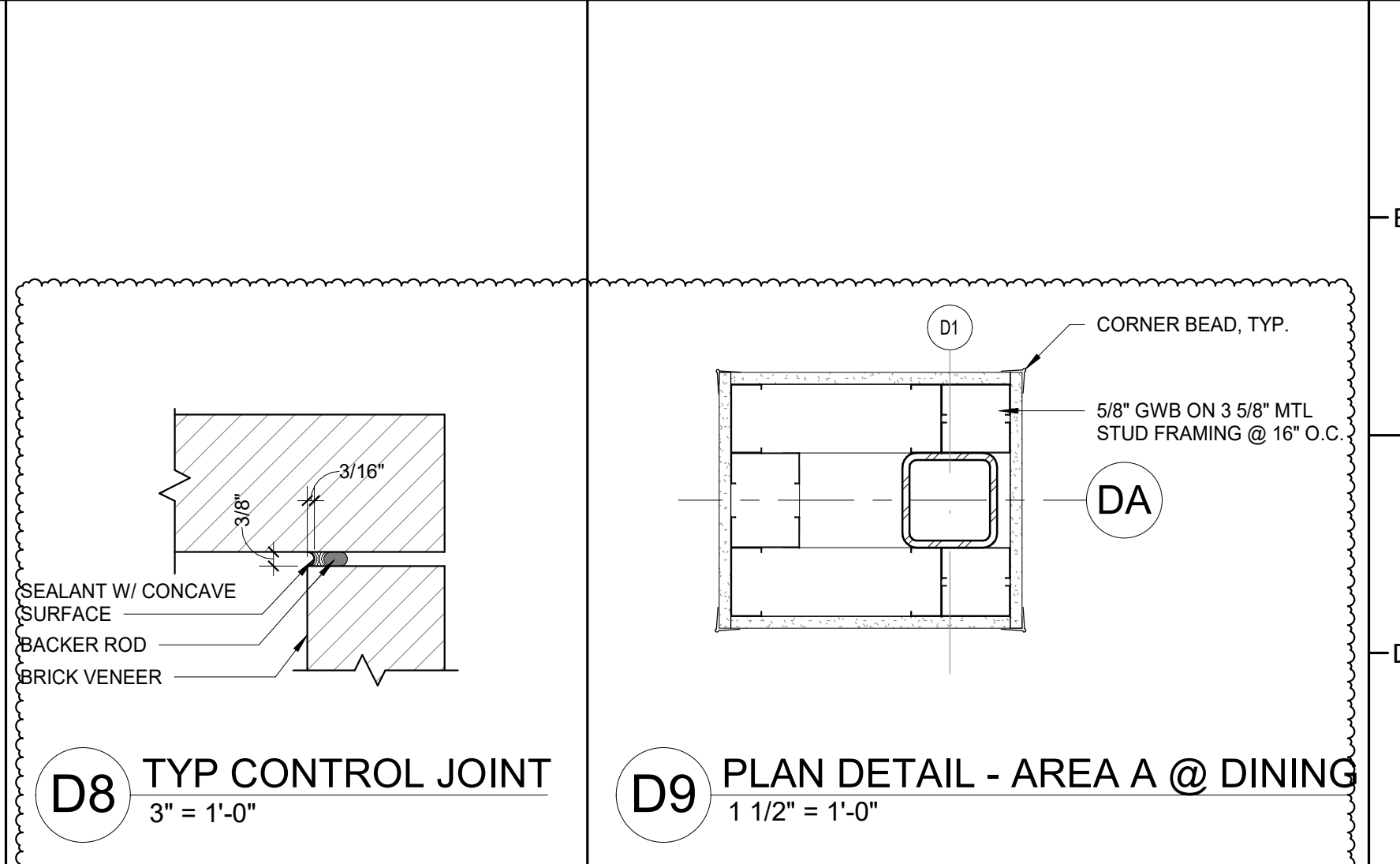




H8 PLAN DETAIL - CORRIDOR CONNECTOR -
BID ALT NO. 2 - BOTTOM
1 1/2" = 1'-0"

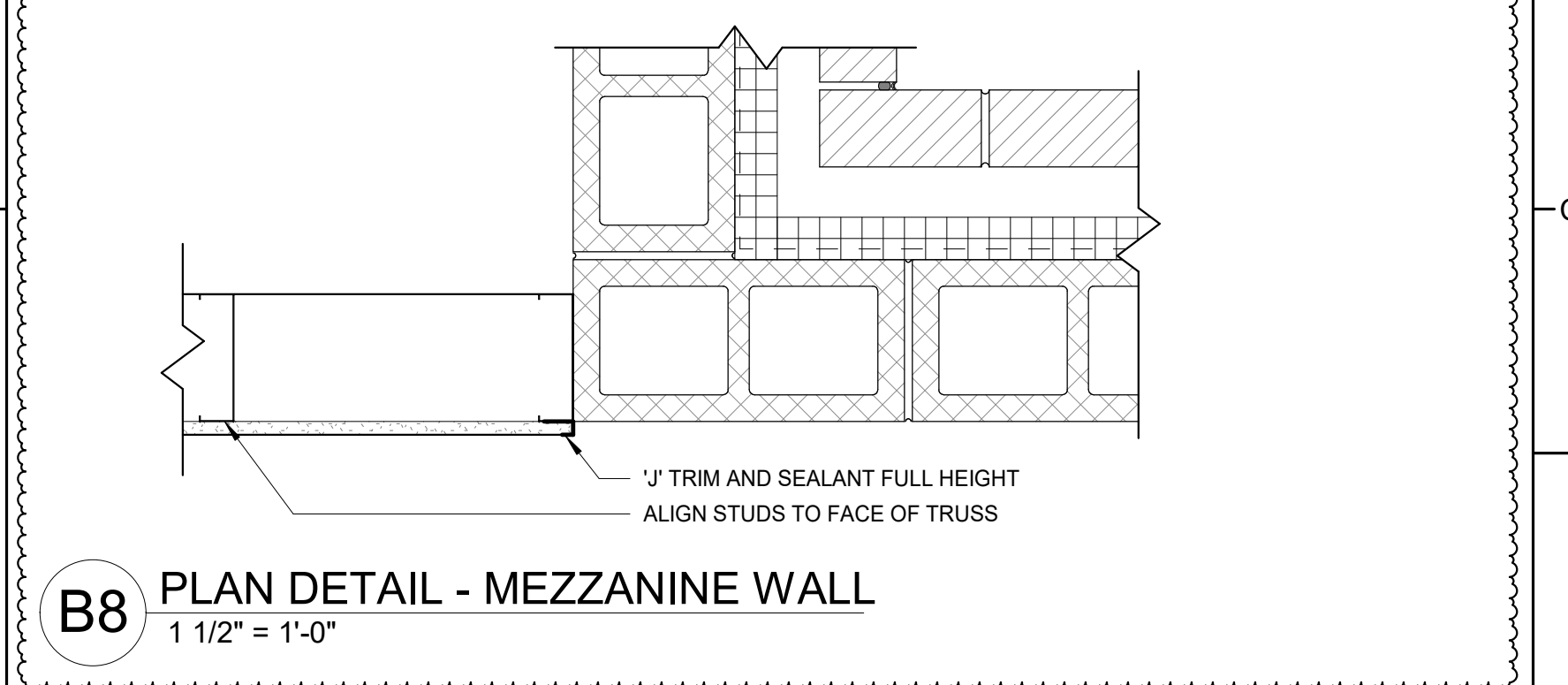


F8 PLAN DETAIL - CORRIDOR CONNECTOR -
BID ALT NO. 2 - ABOVE CEILING
1 1/2" = 1'-0"

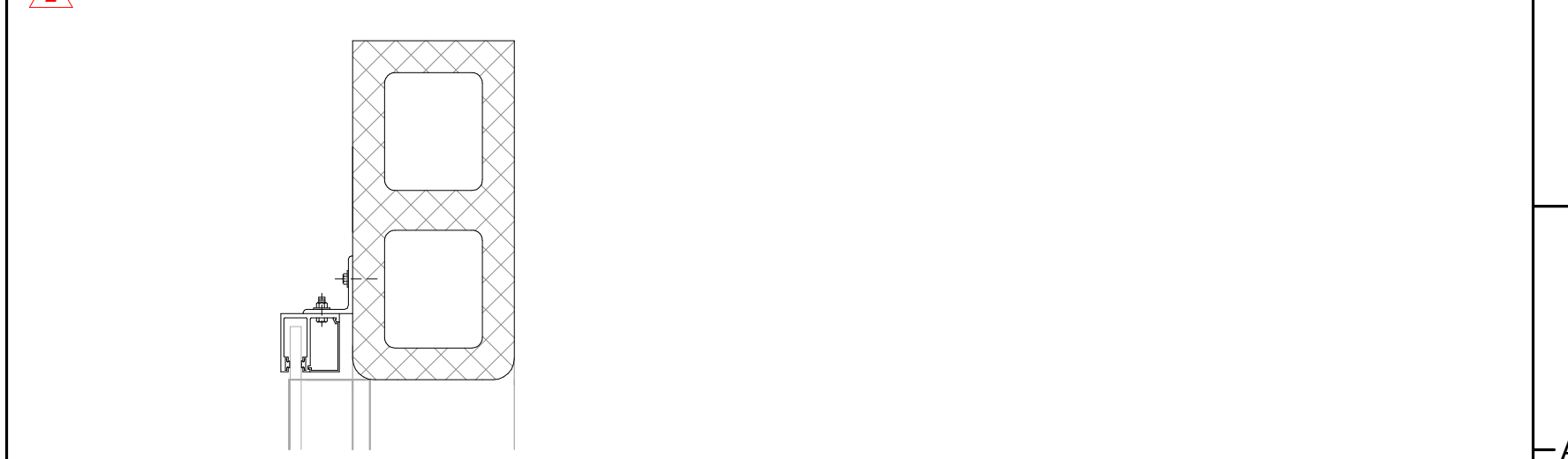


D8 TYP CONTROL JOINT
3" = 1'-0"

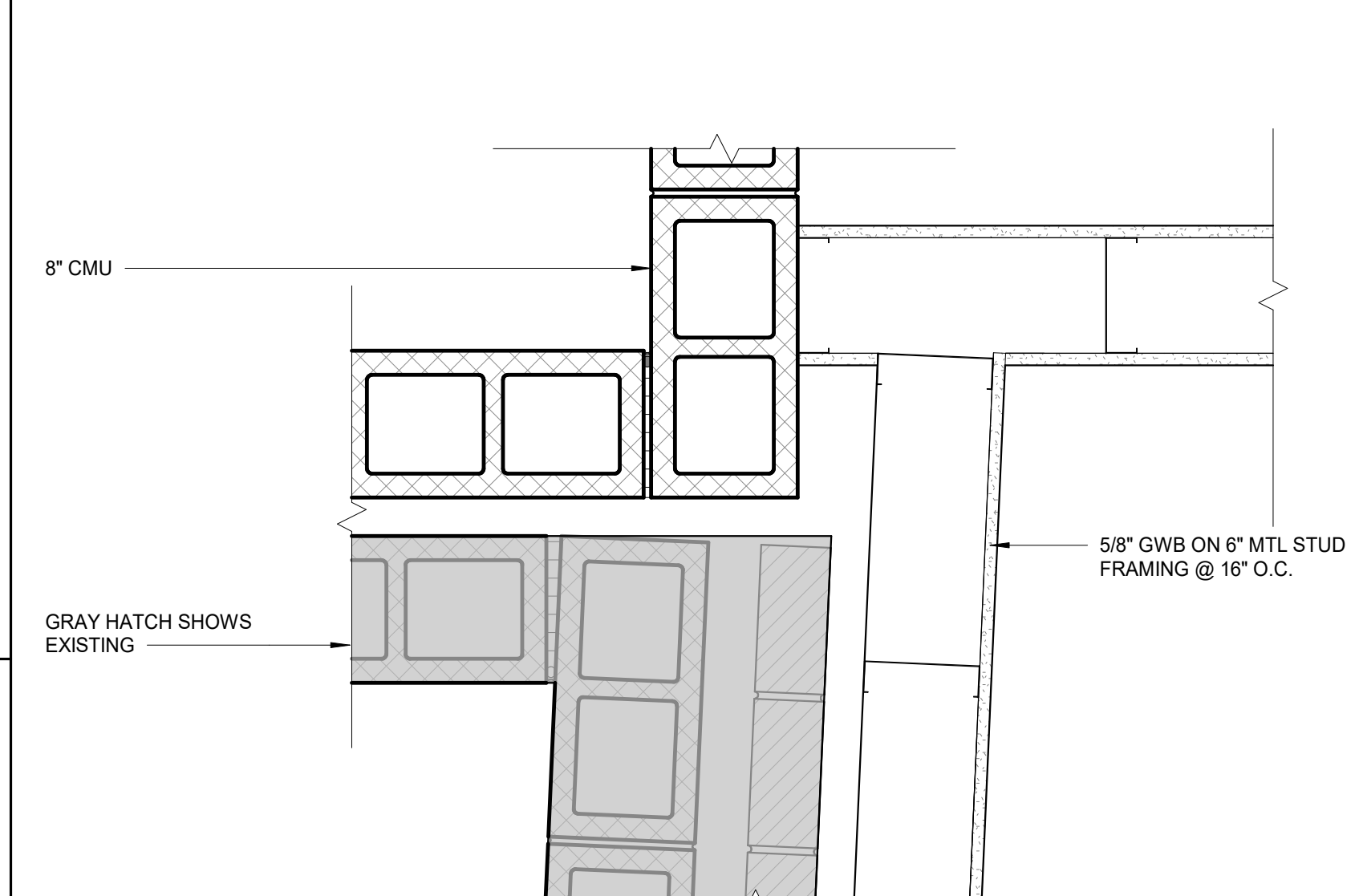
D9 PLAN DETAIL - AREA A @ DINING
1 1/2" = 1'-0"



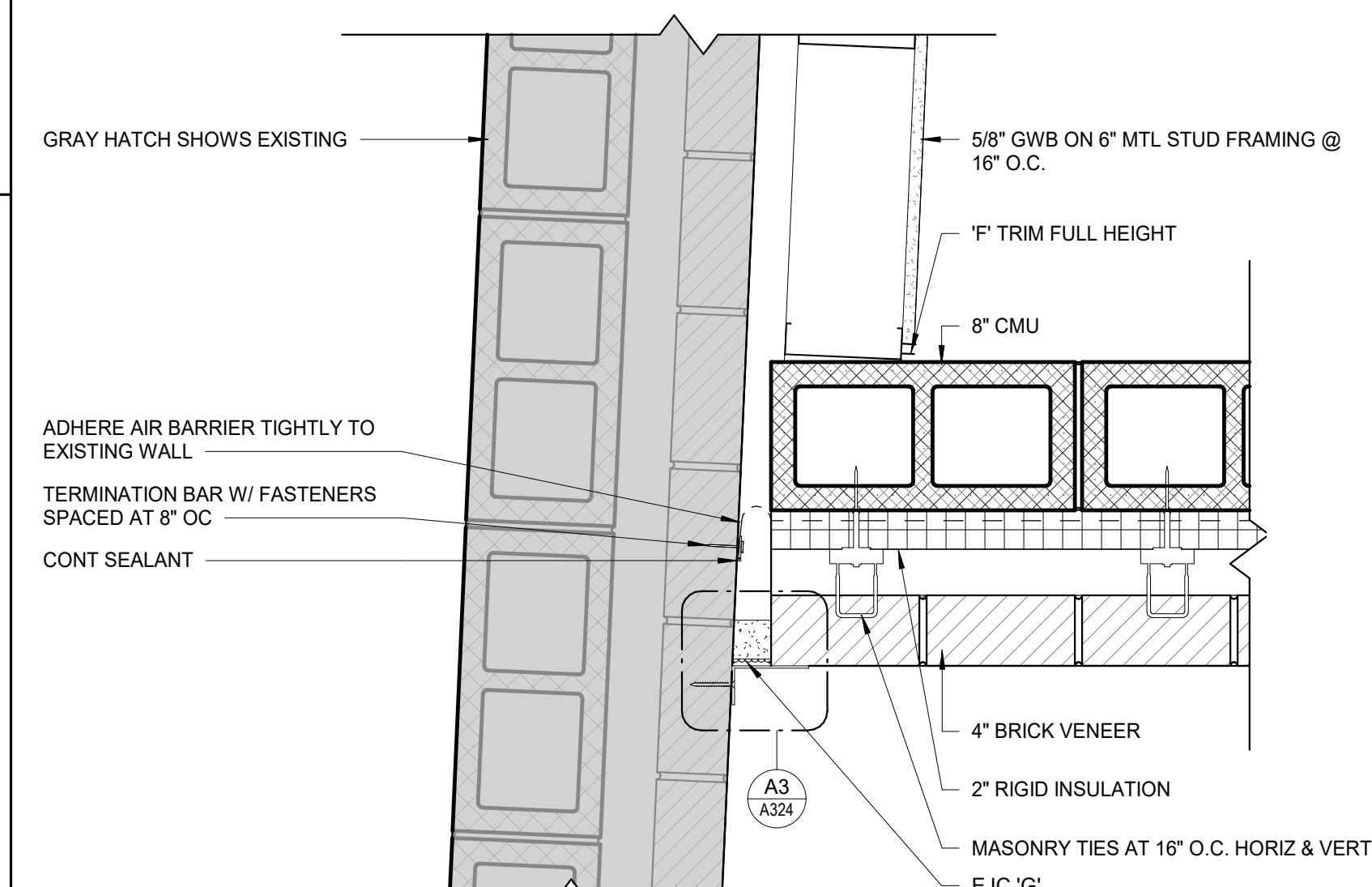
B8 PLAN DETAIL - MEZZANINE WALL
1 1/2" = 1'-0"



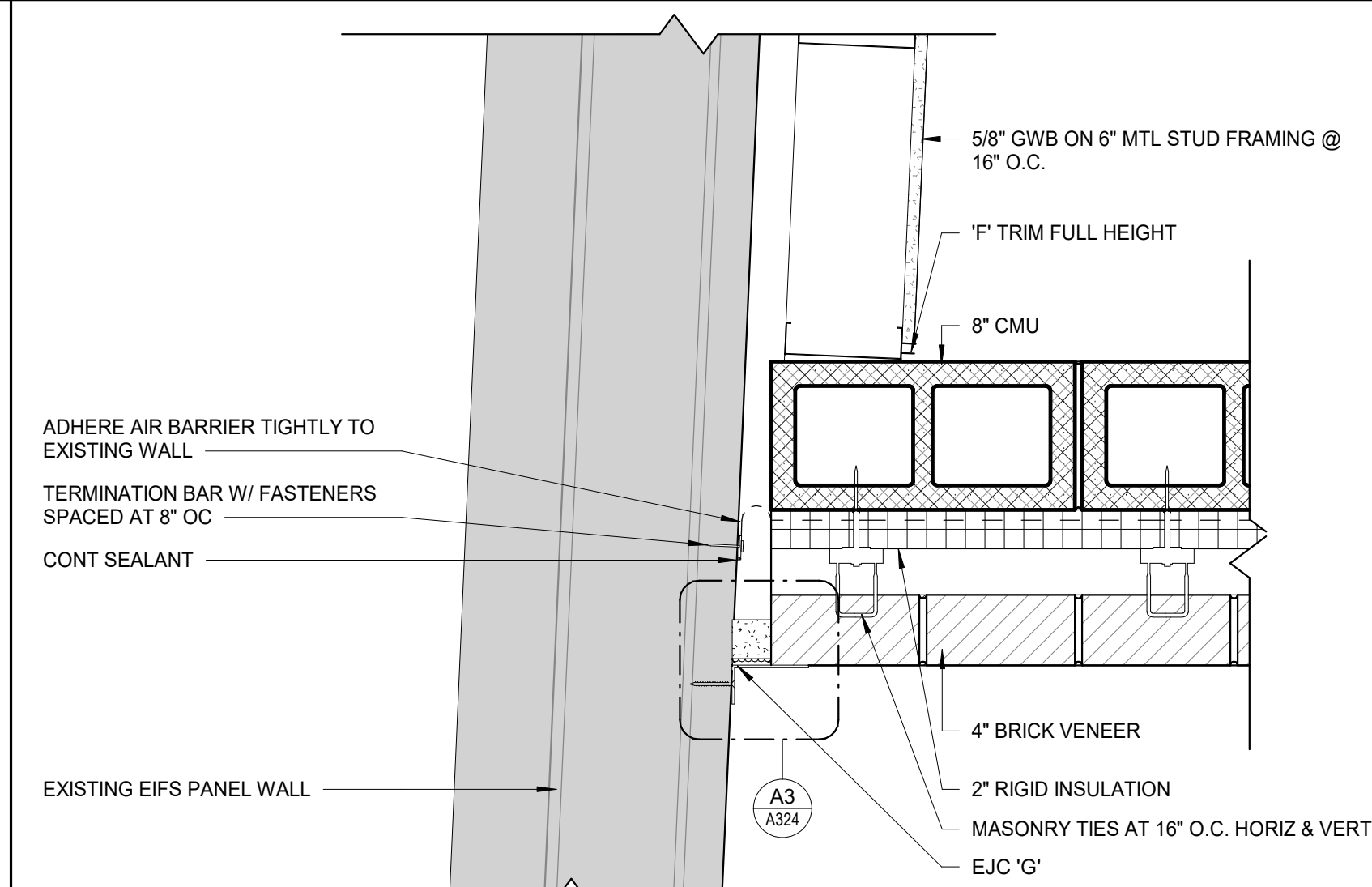
A8 TYP COILING GRILLE JAMB DETAIL
1 1/2" = 1'-0"



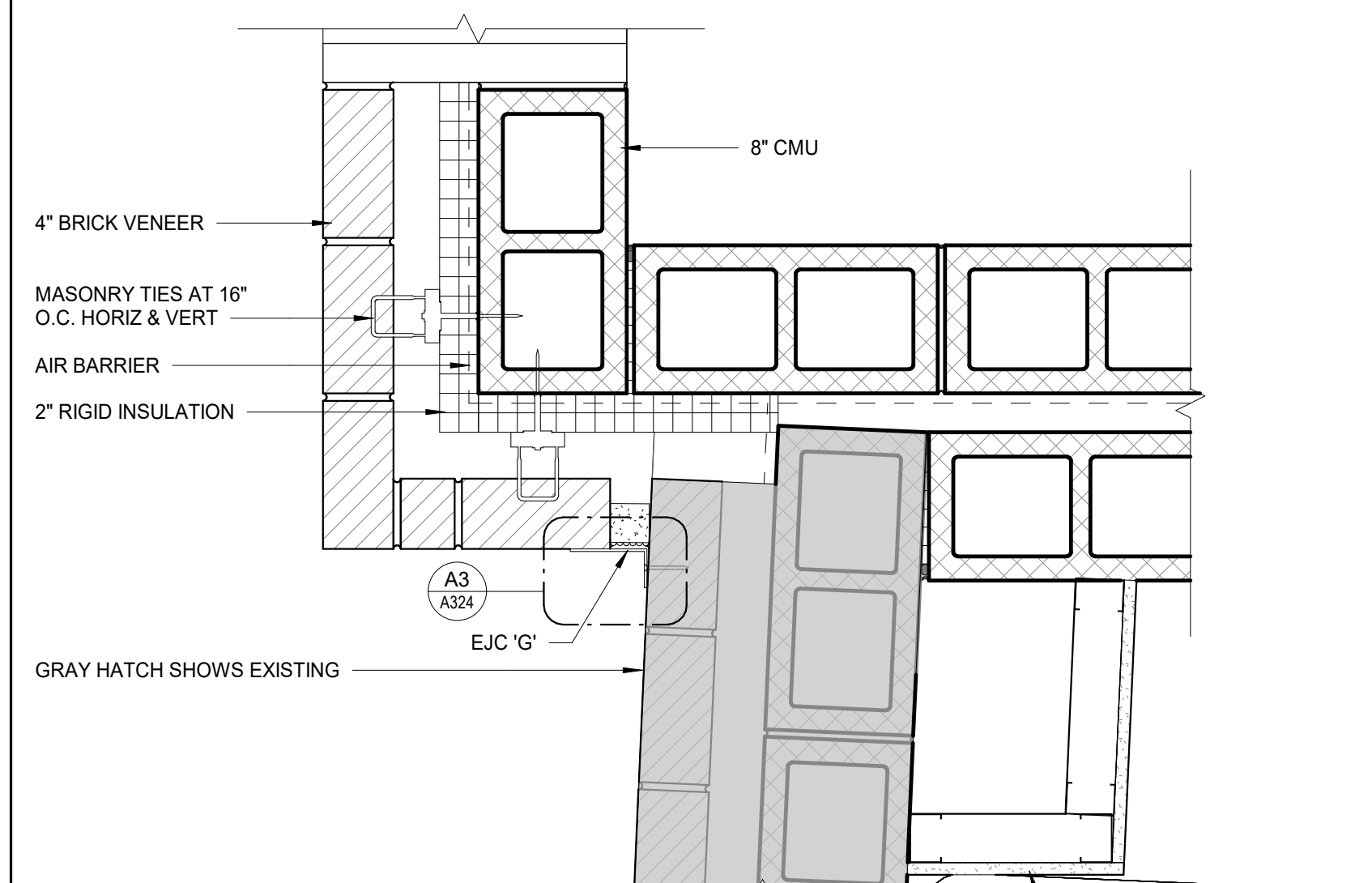
H6 PLAN DETAIL - AREA E @ VISITOR LOCKER E104
1 1/2" = 1'-0"



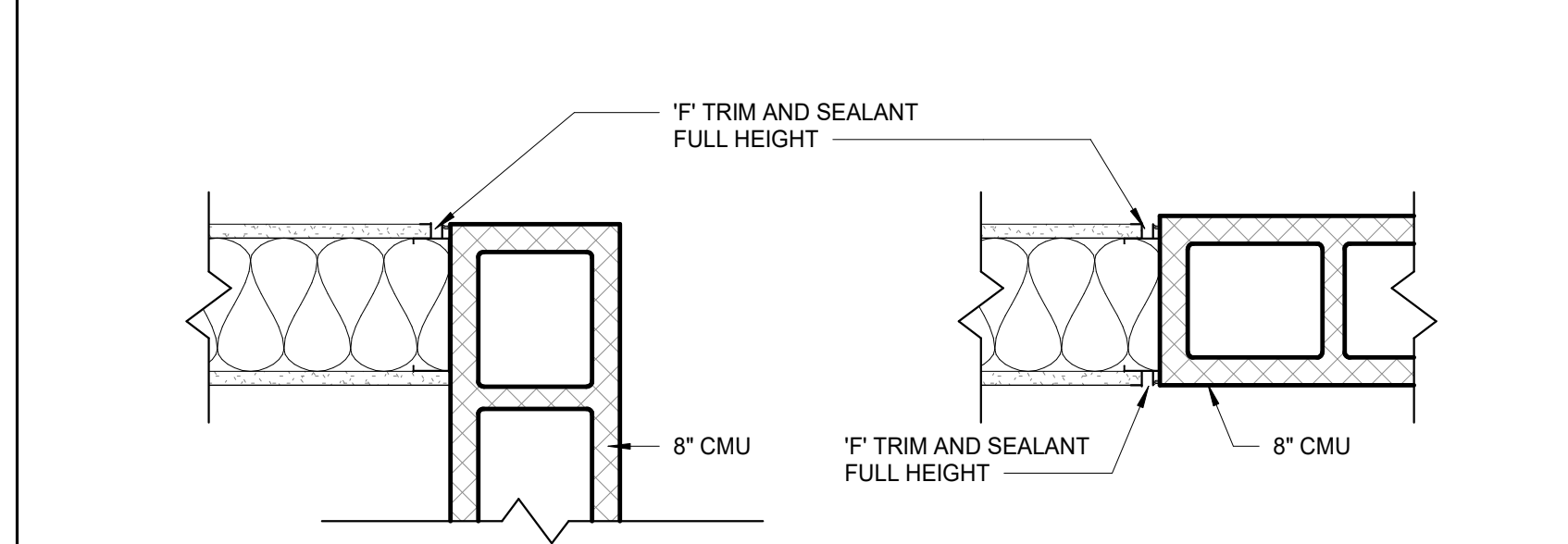
F6 PLAN DETAIL - AREA D - BUILDING JOINT
1 1/2" = 1'-0"



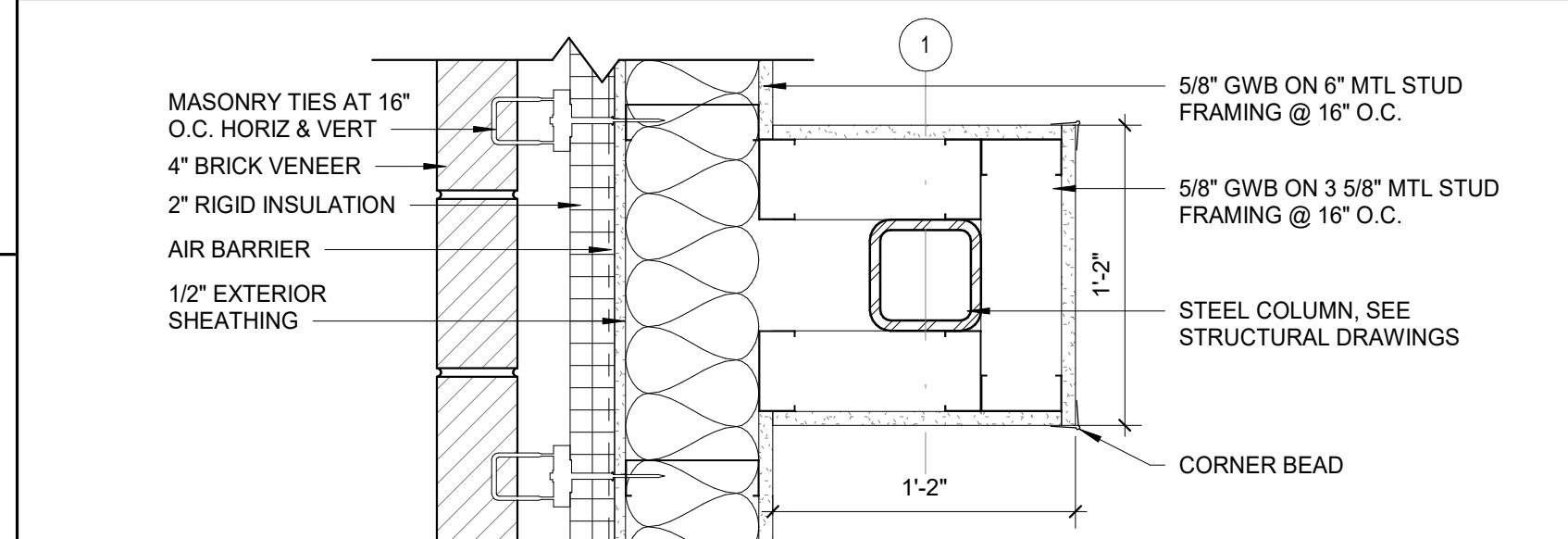
C6 PLAN DETAIL - AREA D - BUILDING JOINT @ EIFS WALL
1 1/2" = 1'-0"



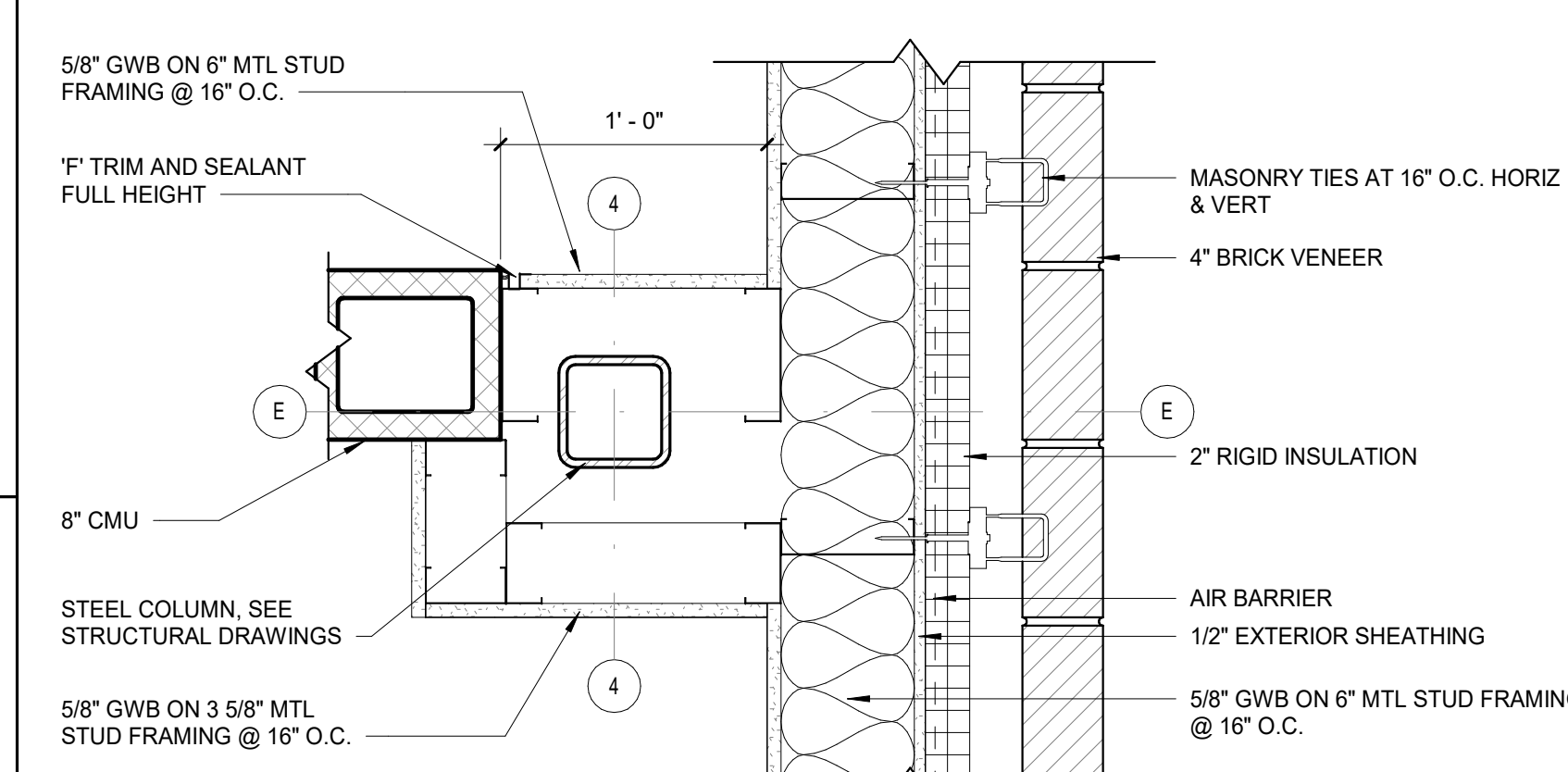
A6 PLAN DETAIL - AREA E @ STORAGE E103
1 1/2" = 1'-0"



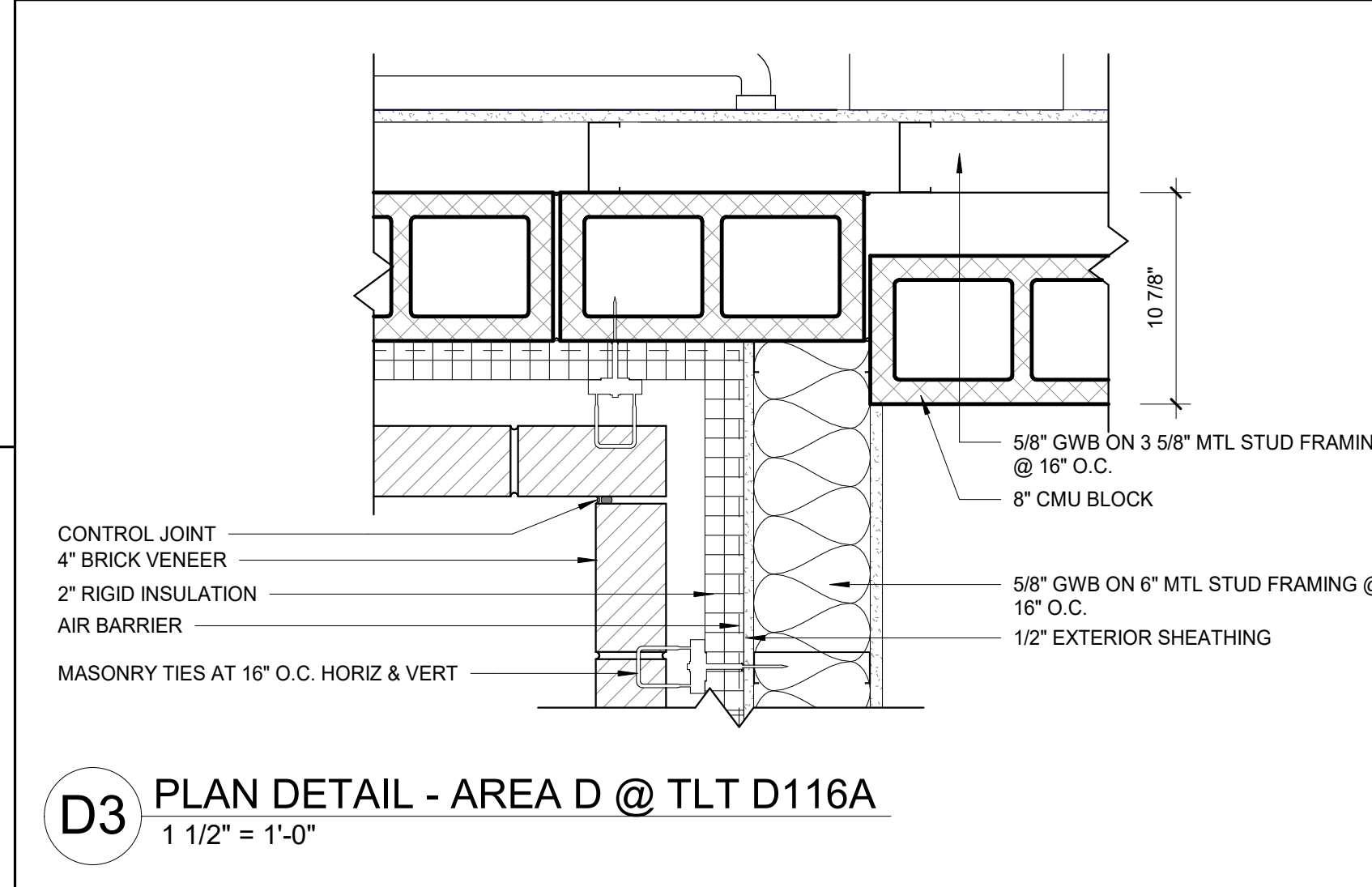
J3 TYP CMU TO GWB CONNECTION
1 1/2" = 1'-0"



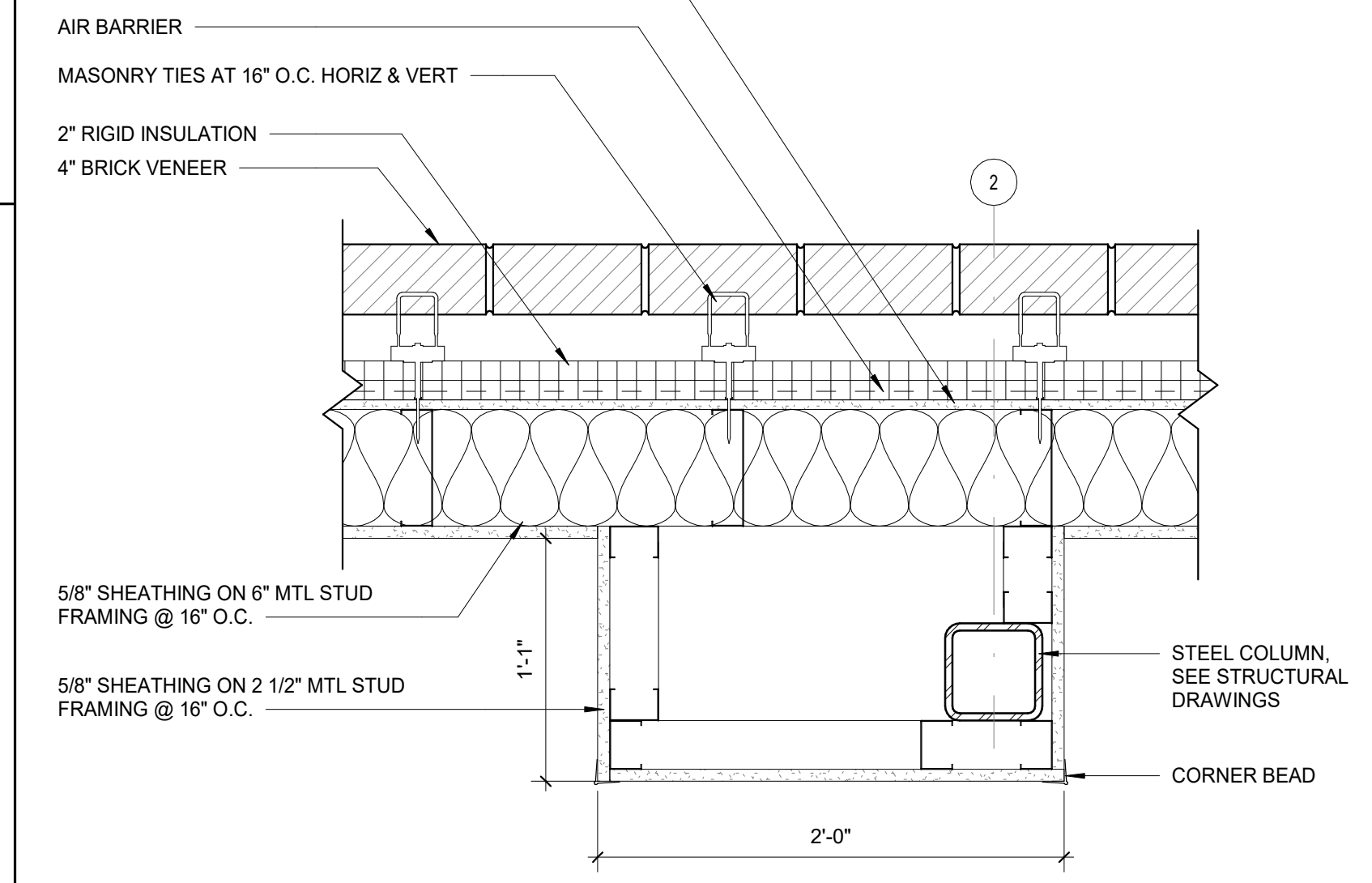
H3 PLAN DETAIL - AREA A @ A113
1 1/2" = 1'-0"



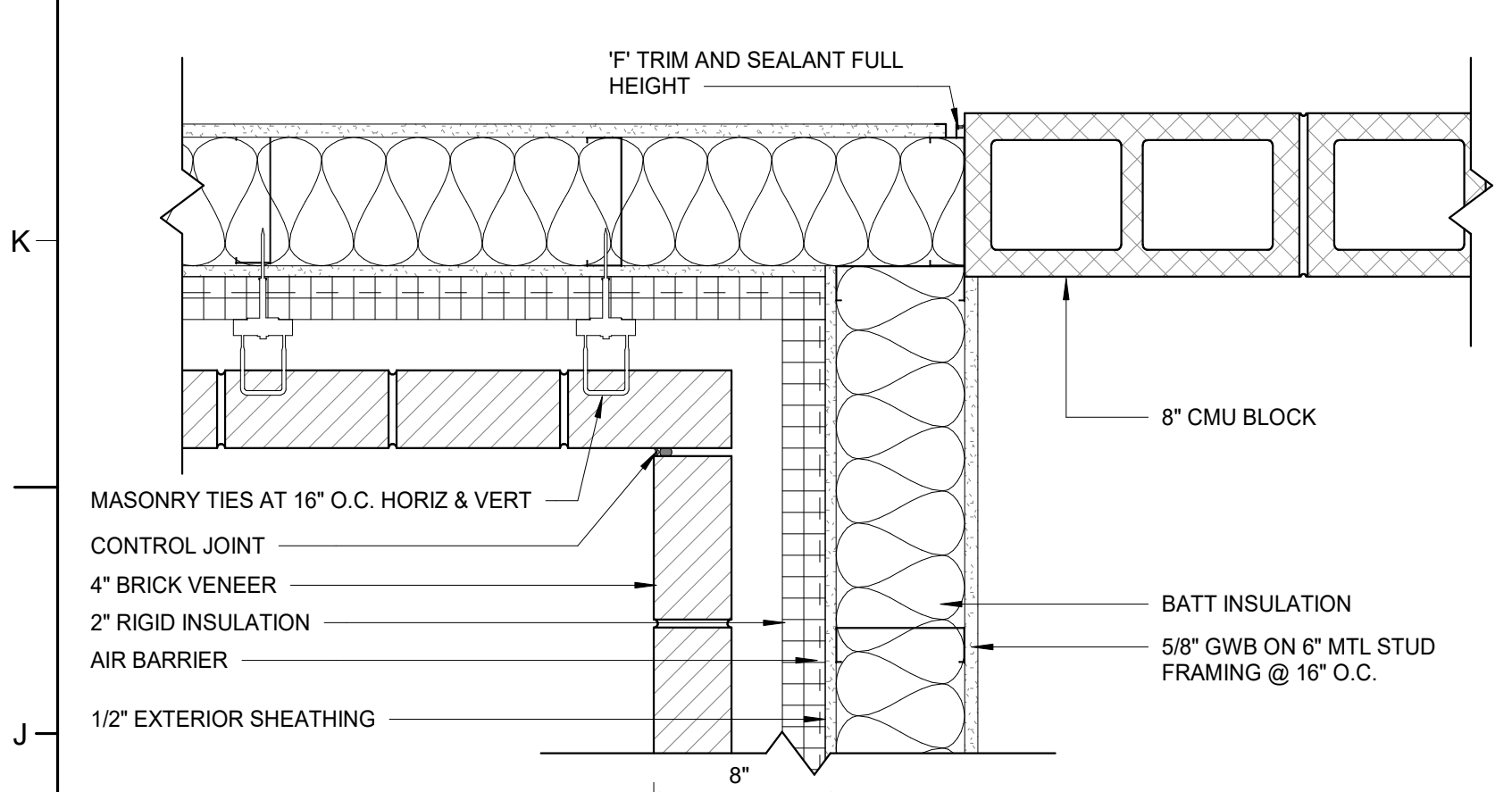
F3 PLAN DETAIL - AREA A @ A110
1 1/2" = 1'-0"



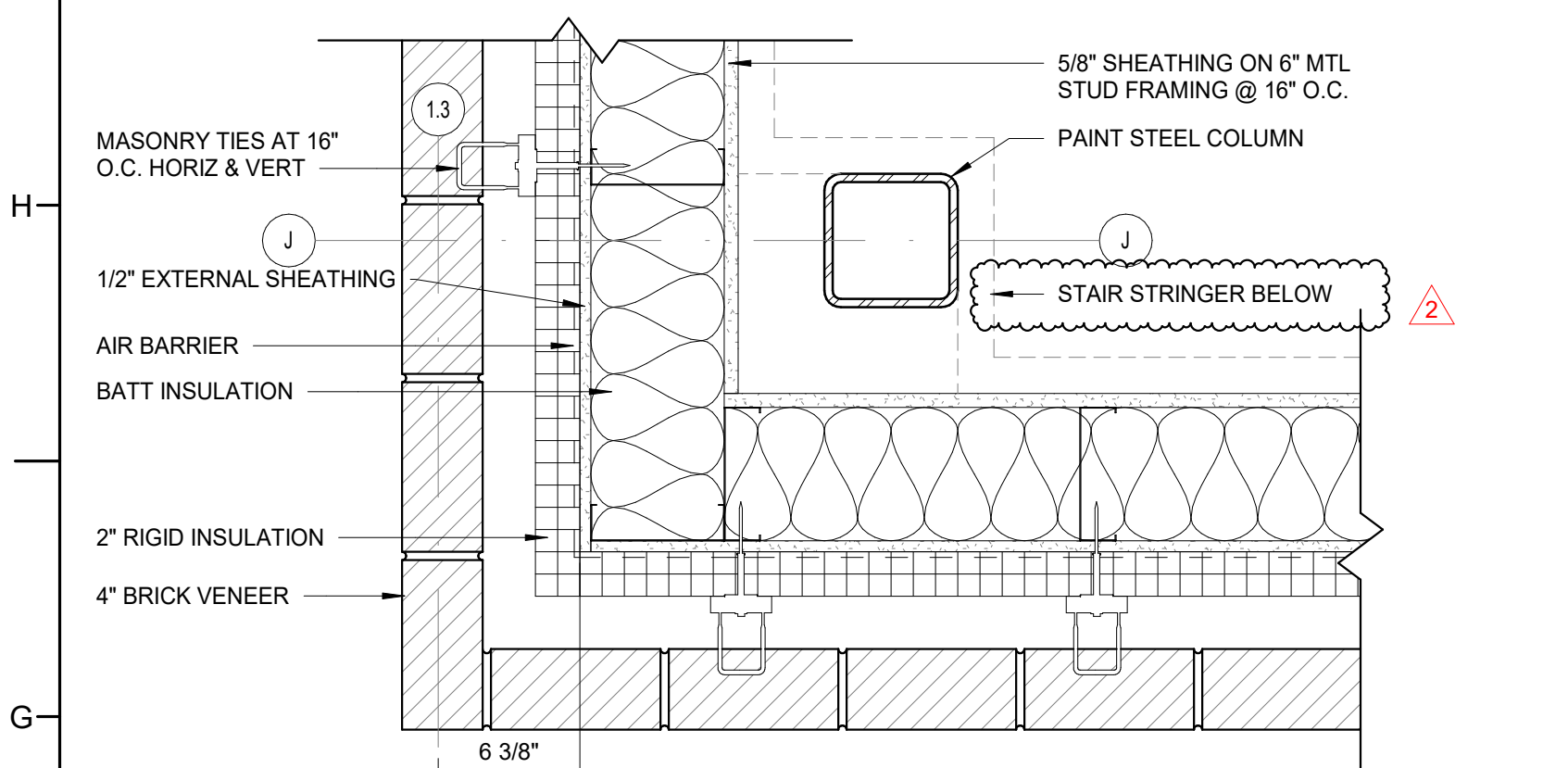
D3 PLAN DETAIL - AREA D @ TLT D116A
1 1/2" = 1'-0"



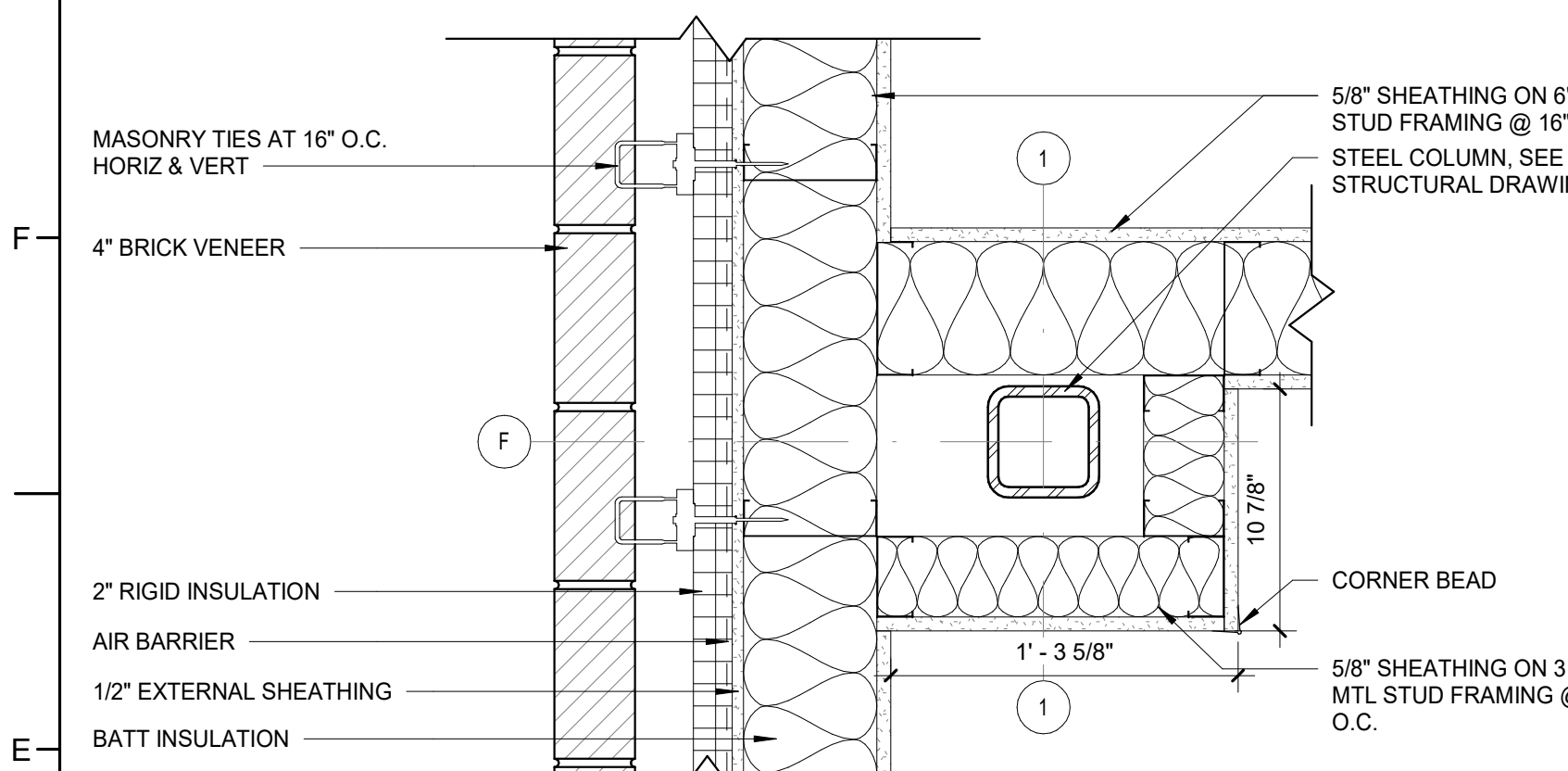
A3 TYP BRICK ON MTL STUD INTERIOR CORNER
1 1/2" = 1'-0"



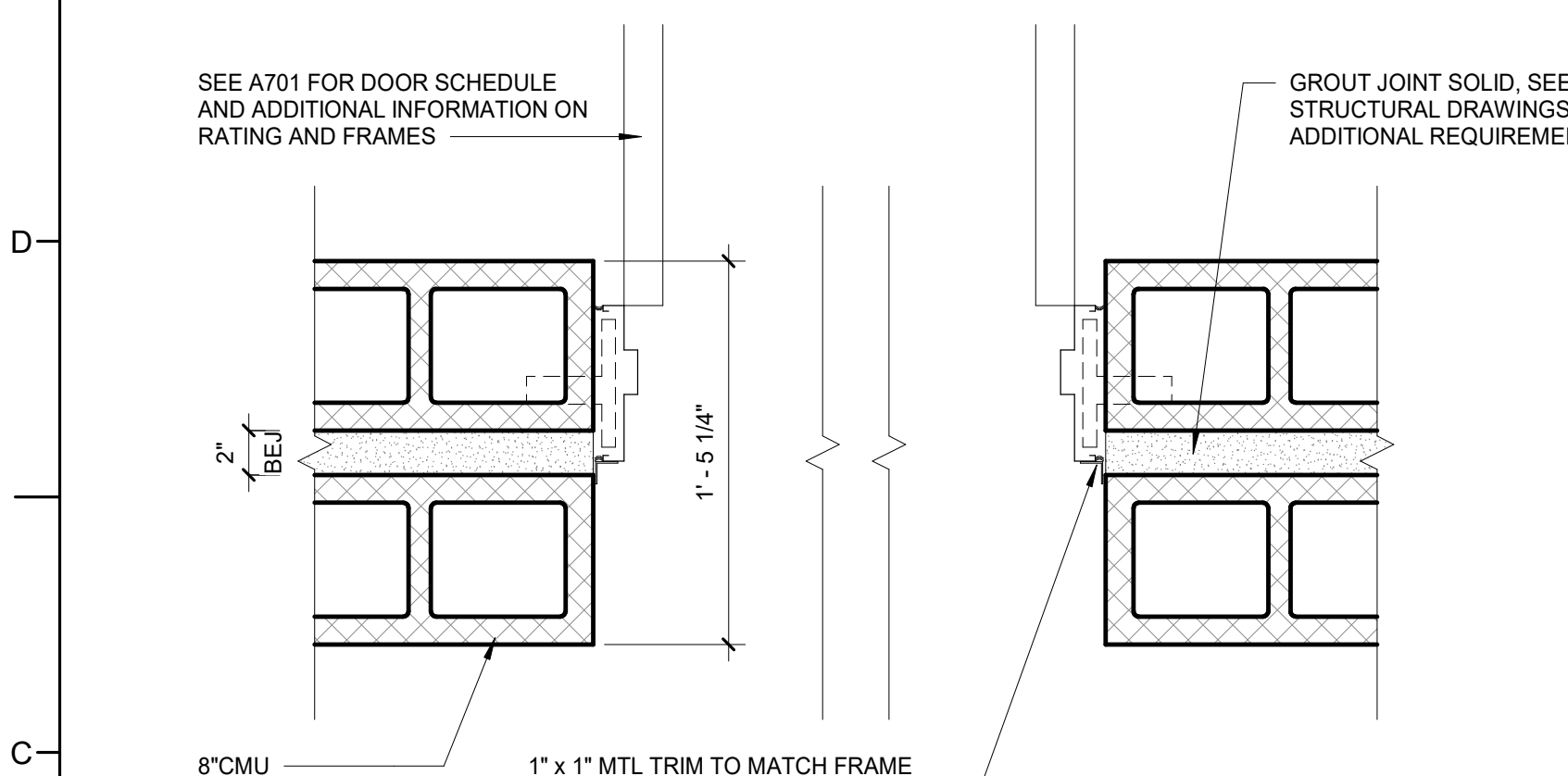
J1 PLAN DETAIL - AREA A @ CLASSROOM A117 & STAIR S2
1 1/2" = 1'-0"



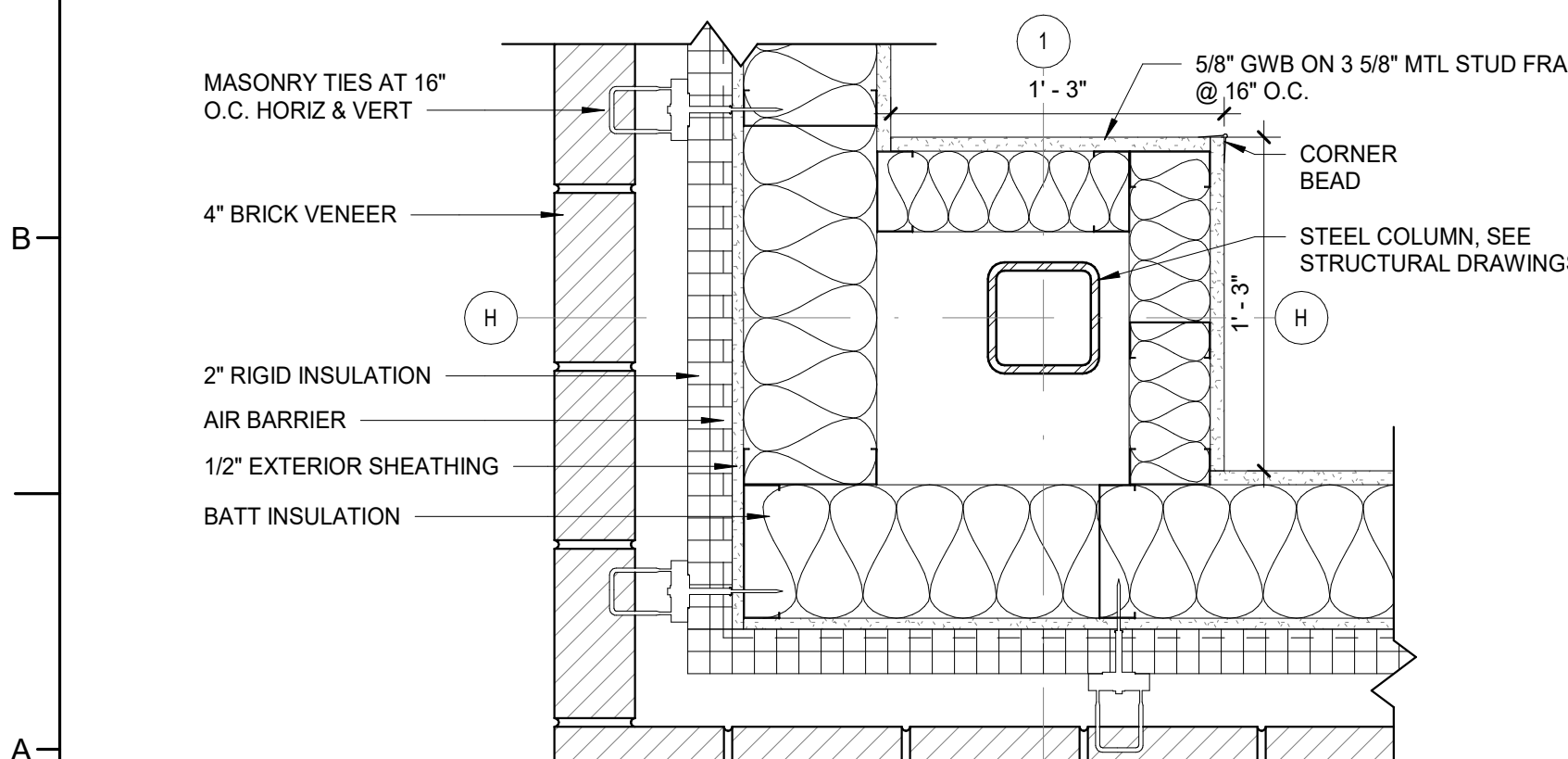
G1 PLAN DETAIL - AREA A @ STAIR S2
1 1/2" = 1'-0"



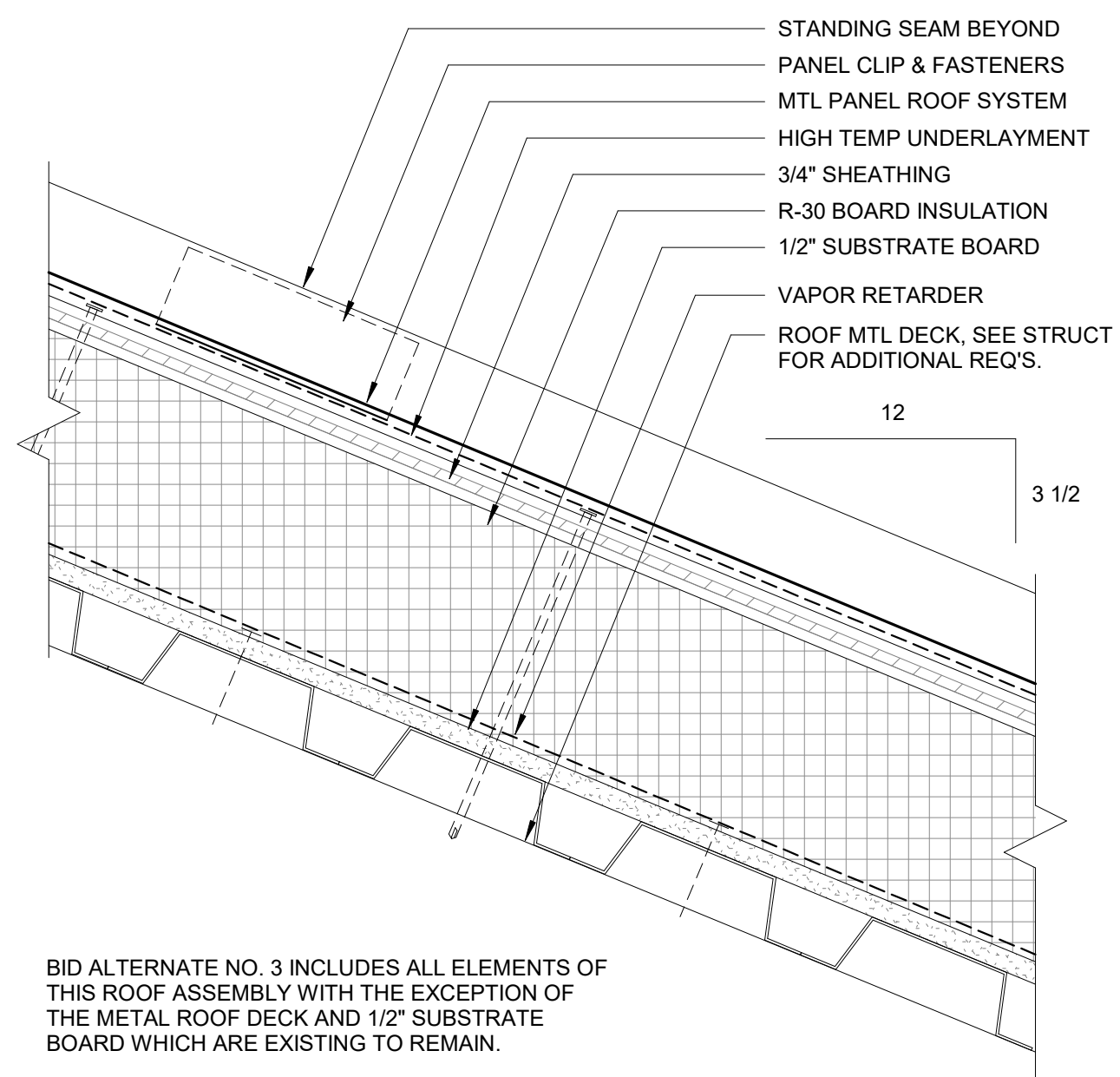
E1 PLAN DETAIL - AREA A @ CLASSROOM A115
1 1/2" = 1'-0"



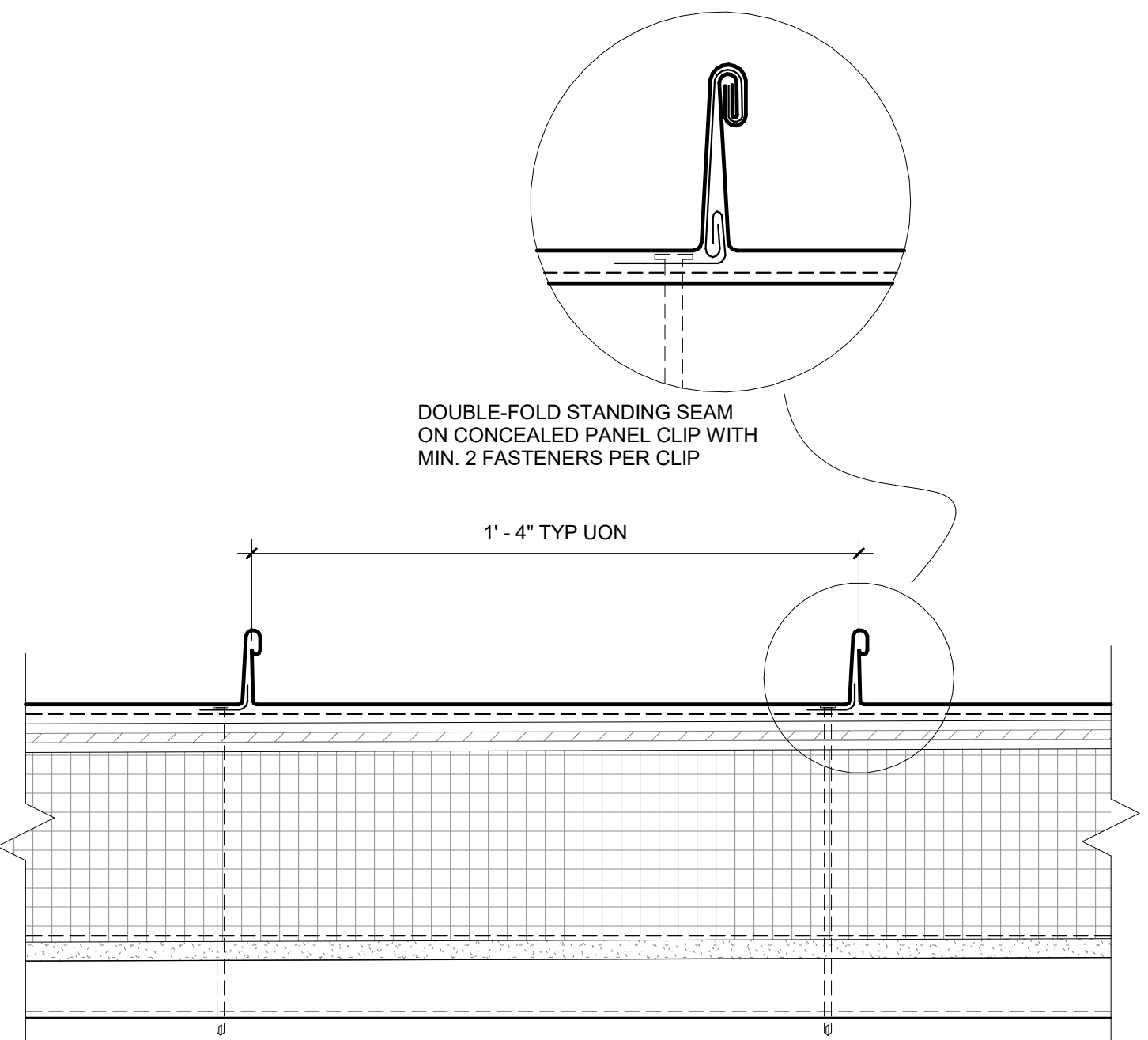
C1 PLAN DETAIL - AREA D - DOOR AT BUILDING JOINT
1 1/2" = 1'-0"



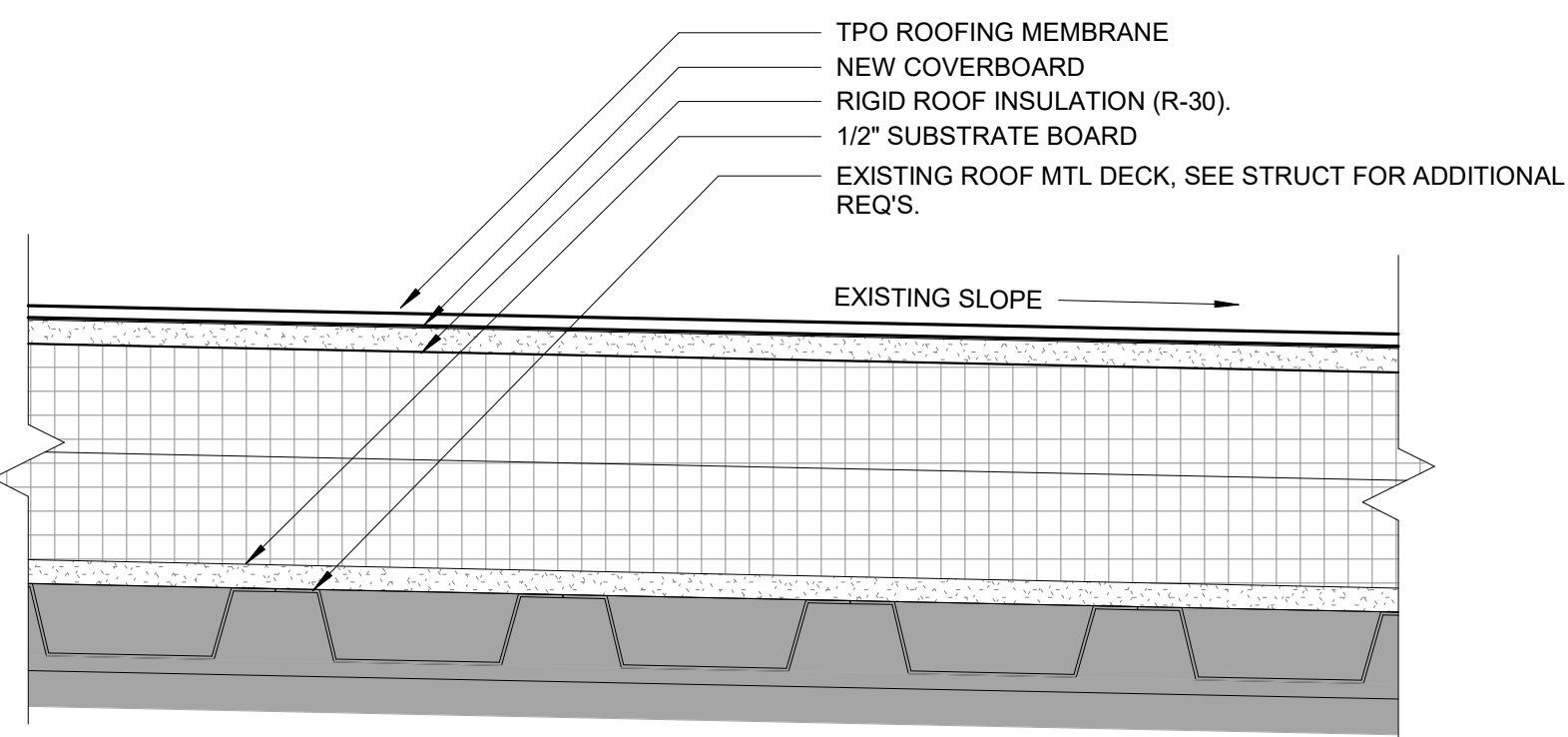
A1 TYP BRICK ON MTL STUD EXTERIOR CORNER
1 1/2" = 1'-0"



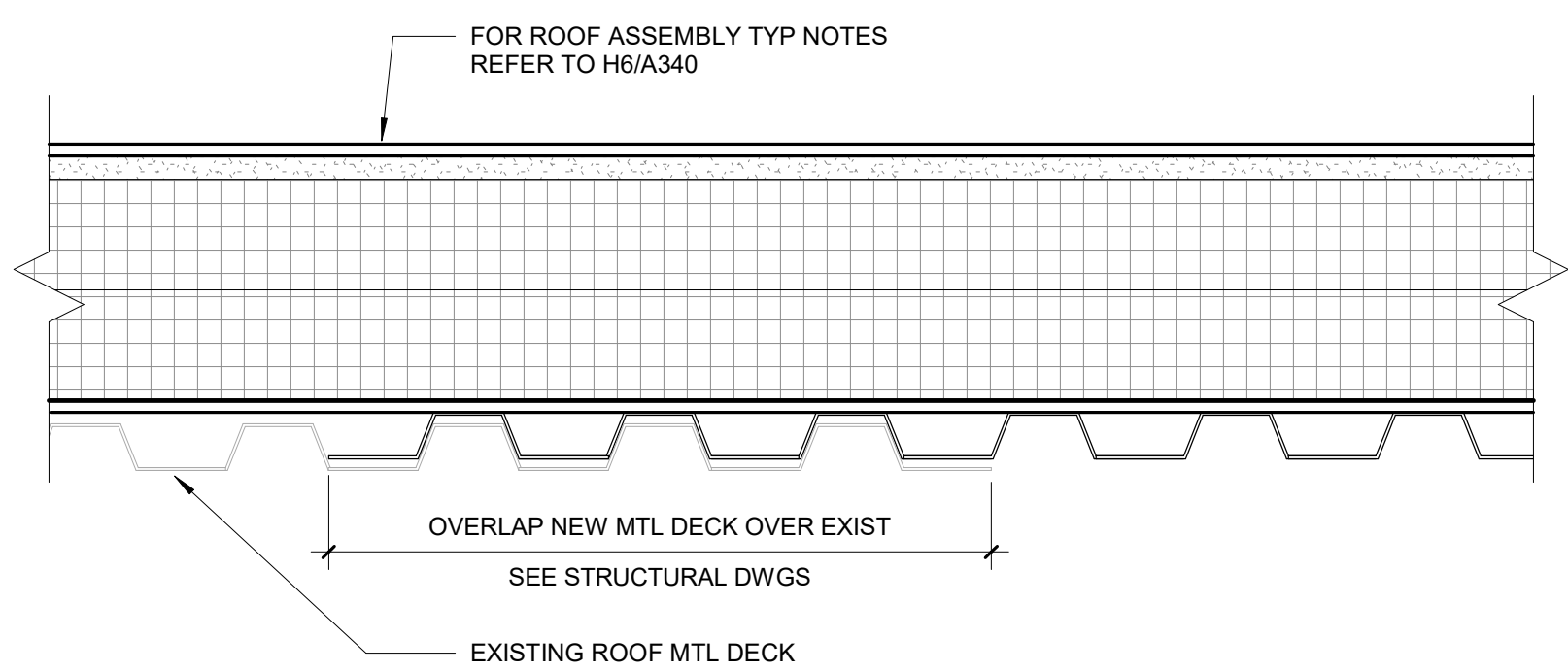
H1 TYP ROOF ASSEMBLY SECTION AT STEEP SLOPE
3" = 1'-0"



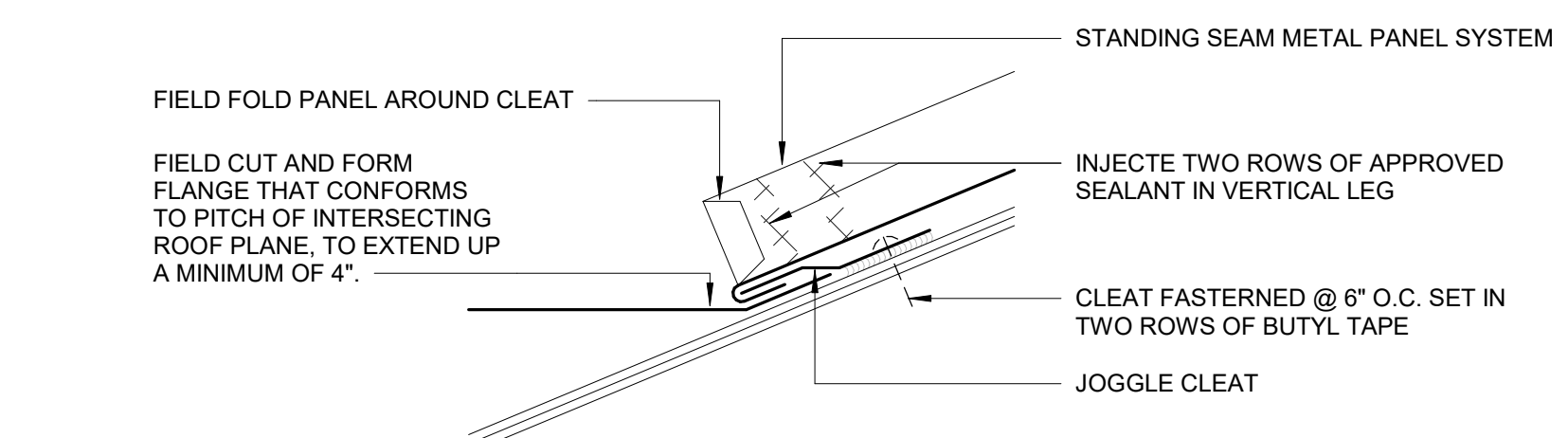
H3 TYP ROOF ASSEMBLY CROSS SECTION AT STEEP SLOPE
3" = 1'-0"



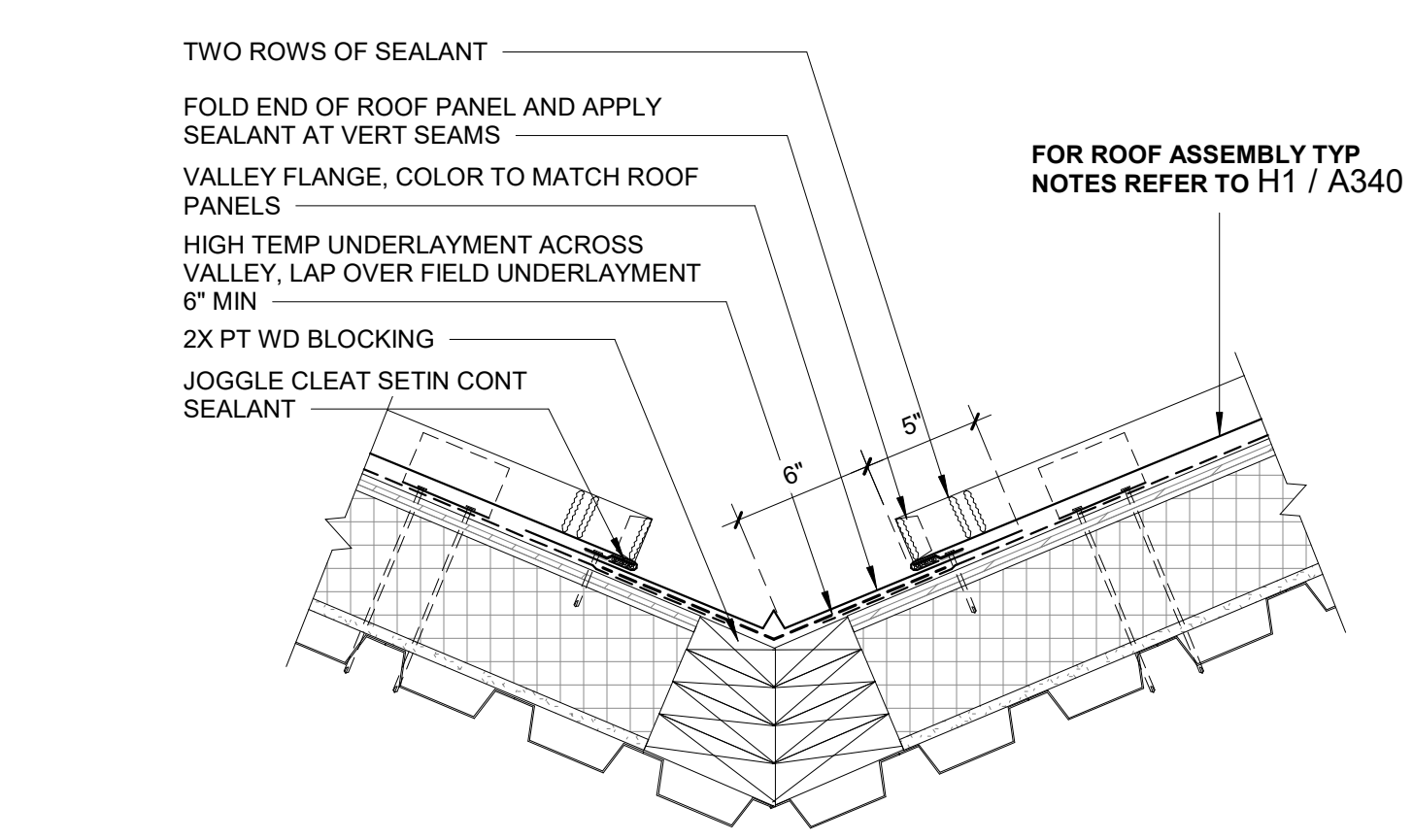
H6 TYP ROOF ASSEMBLY AT LOW-SLOPE
3" = 1'-0"



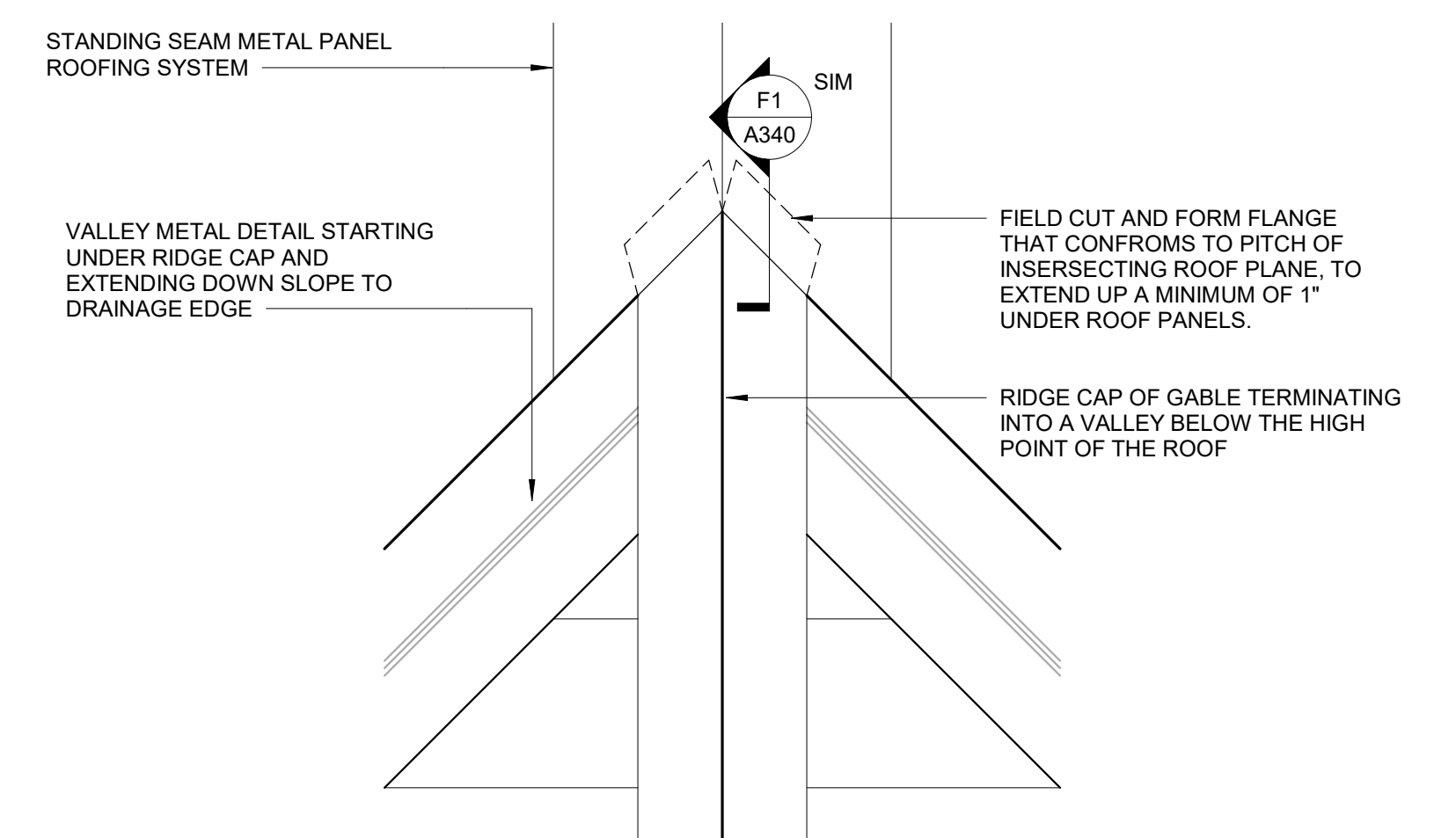
H8 TYP ROOF PATCH DETAIL
3" = 1'-0"



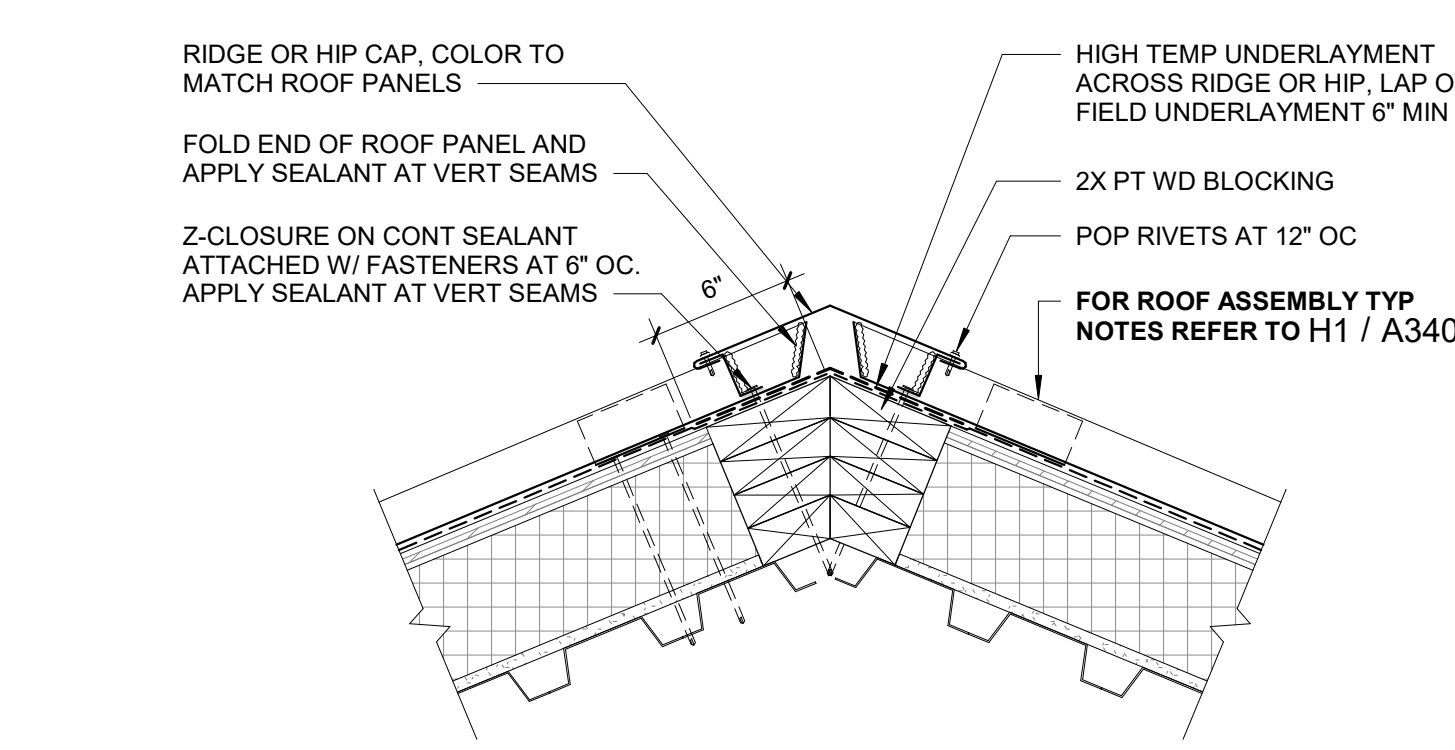
F1 PANEL DETAIL AT RIDGE - INTERSECTION
6" = 1'-0"



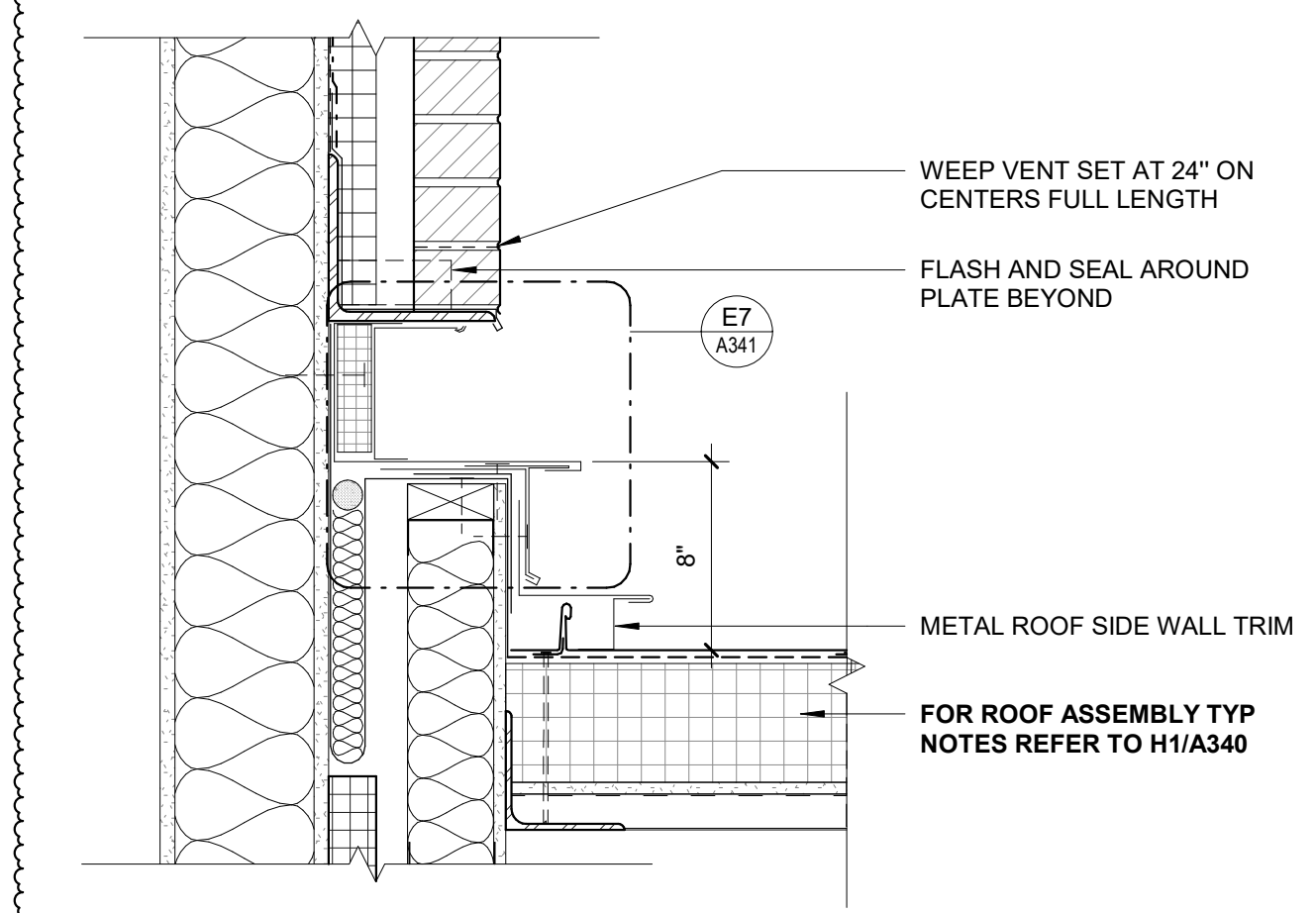
F3 TYP ROOF VALLEY DETAIL
1 1/2" = 1'-0"



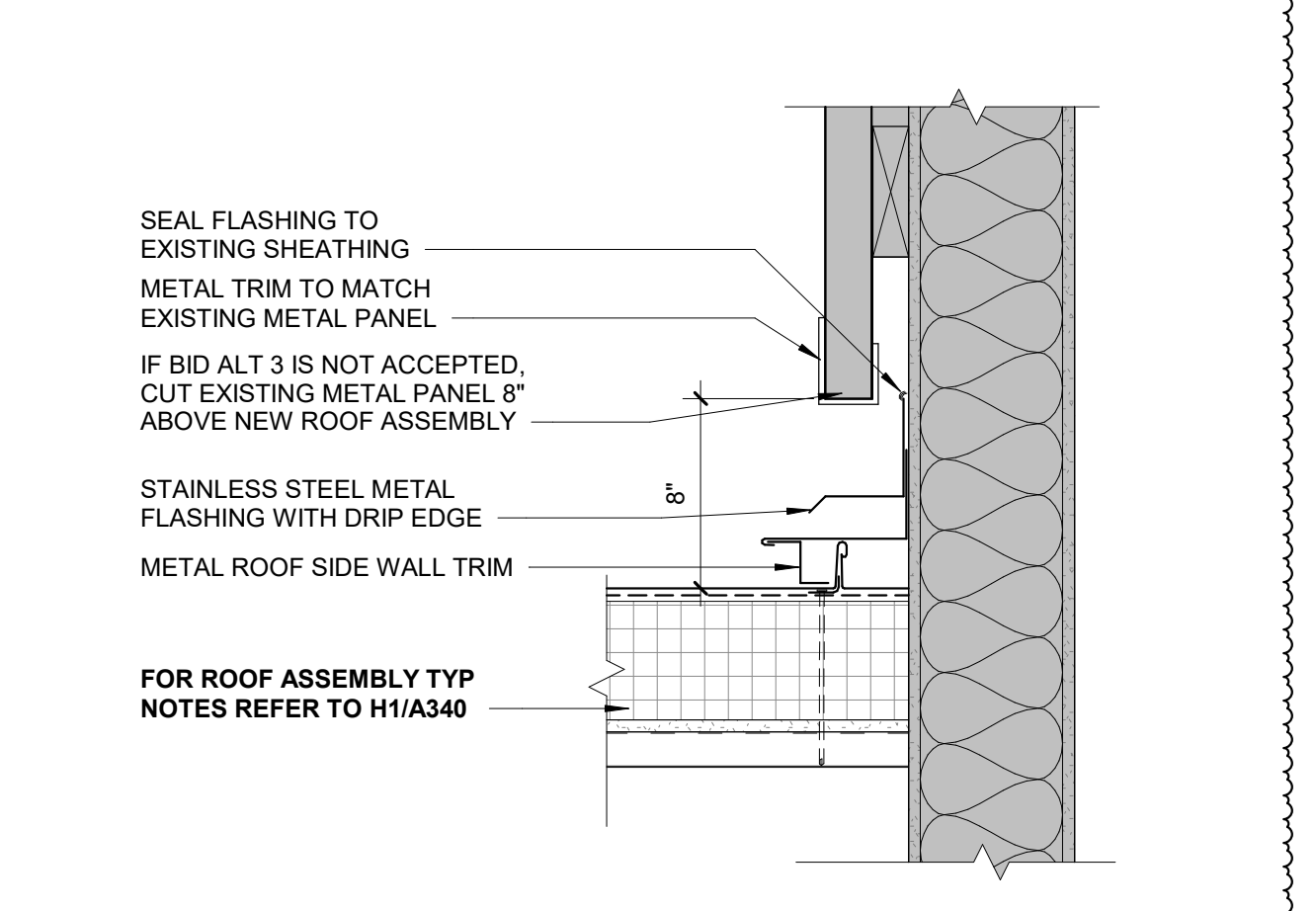
D1 PANEL DETAIL AT RIDGE - VALLEY INTERSECTION
1 1/2" = 1'-0"



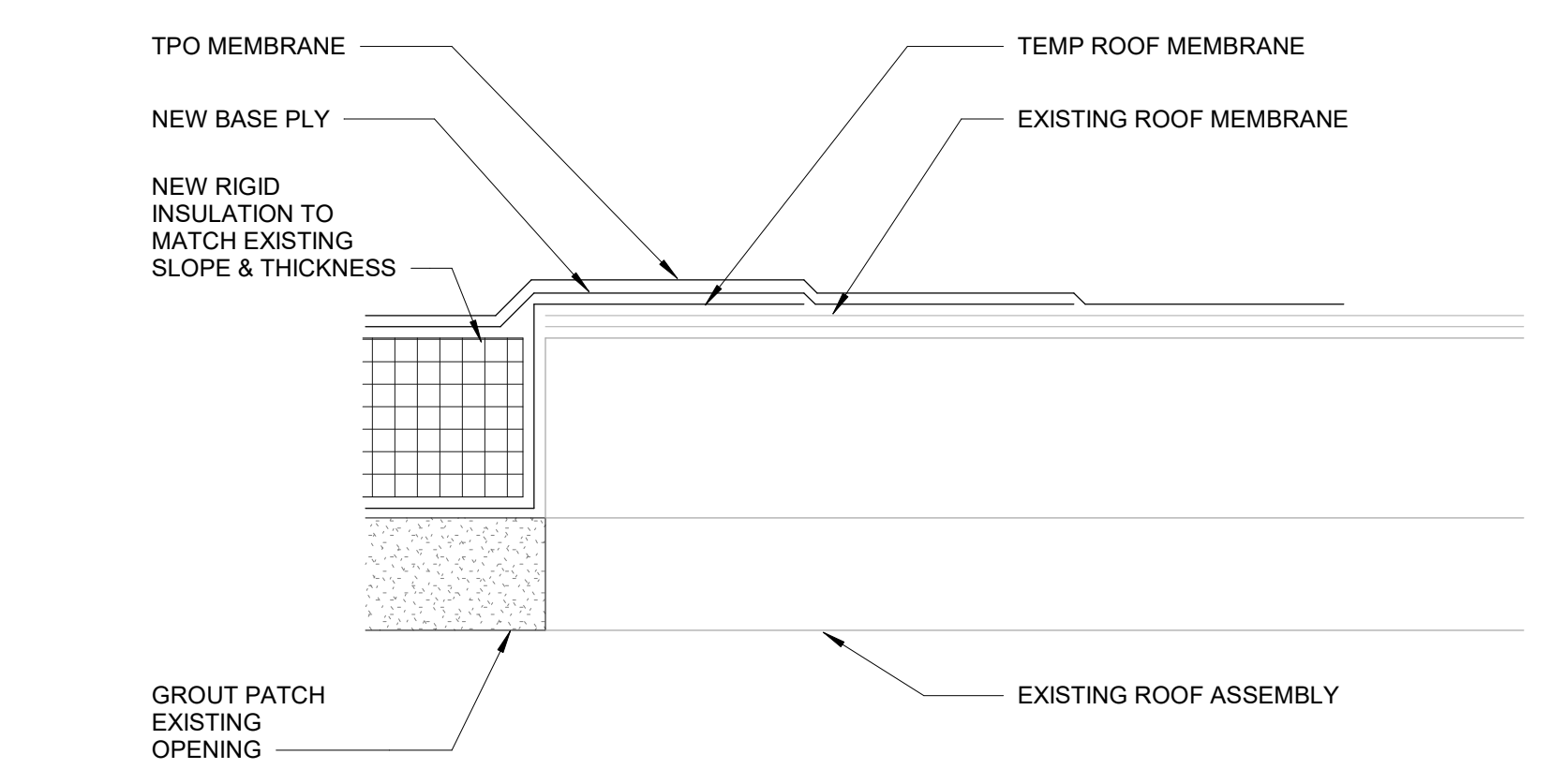
D3 TYP ROOF RIDGE/HIP DETAIL
1 1/2" = 1'-0"



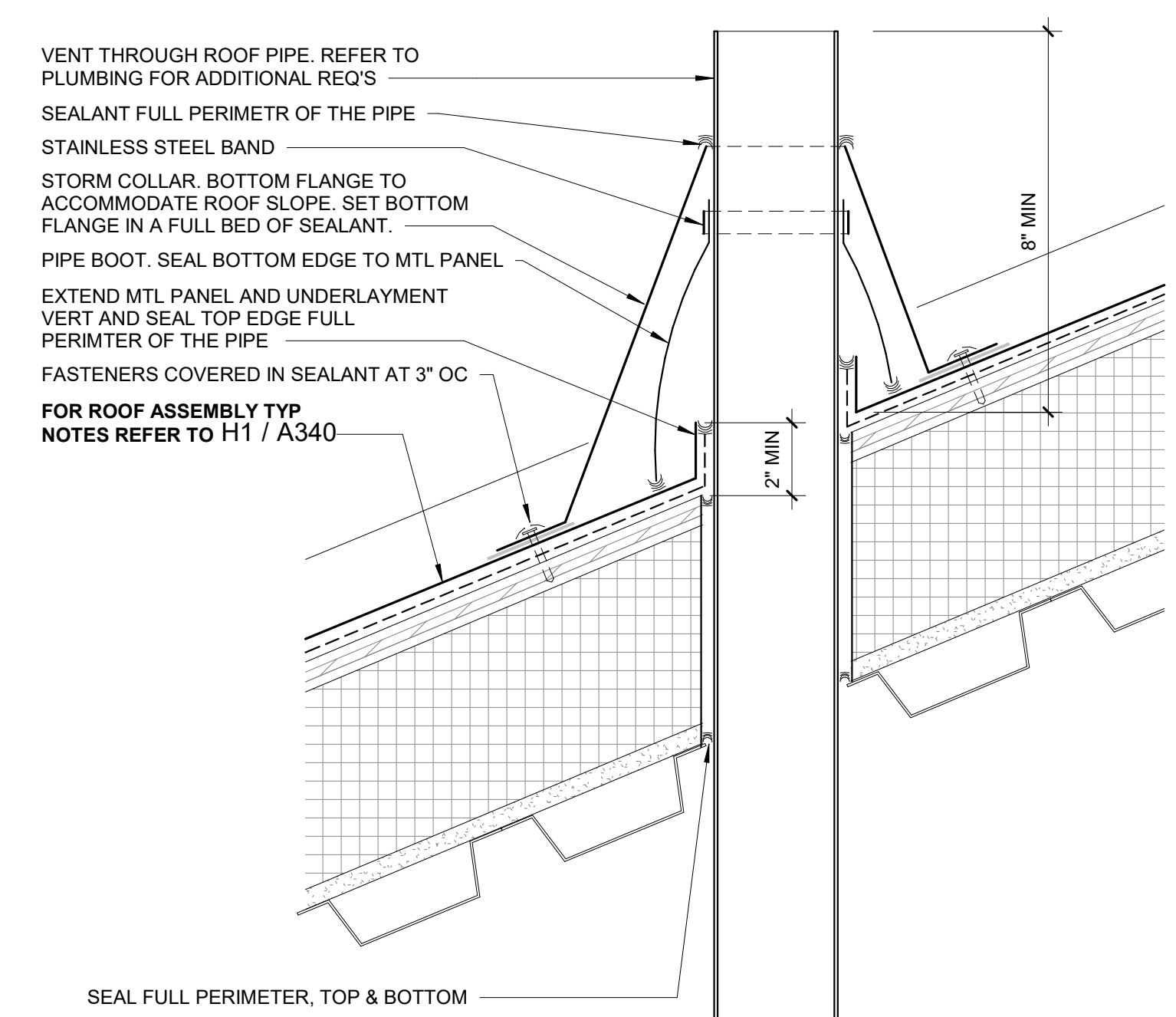
D6 EXPANSION JOINT AT STANDING SEAM METAL ROOF
1 1/2" = 1'-0"



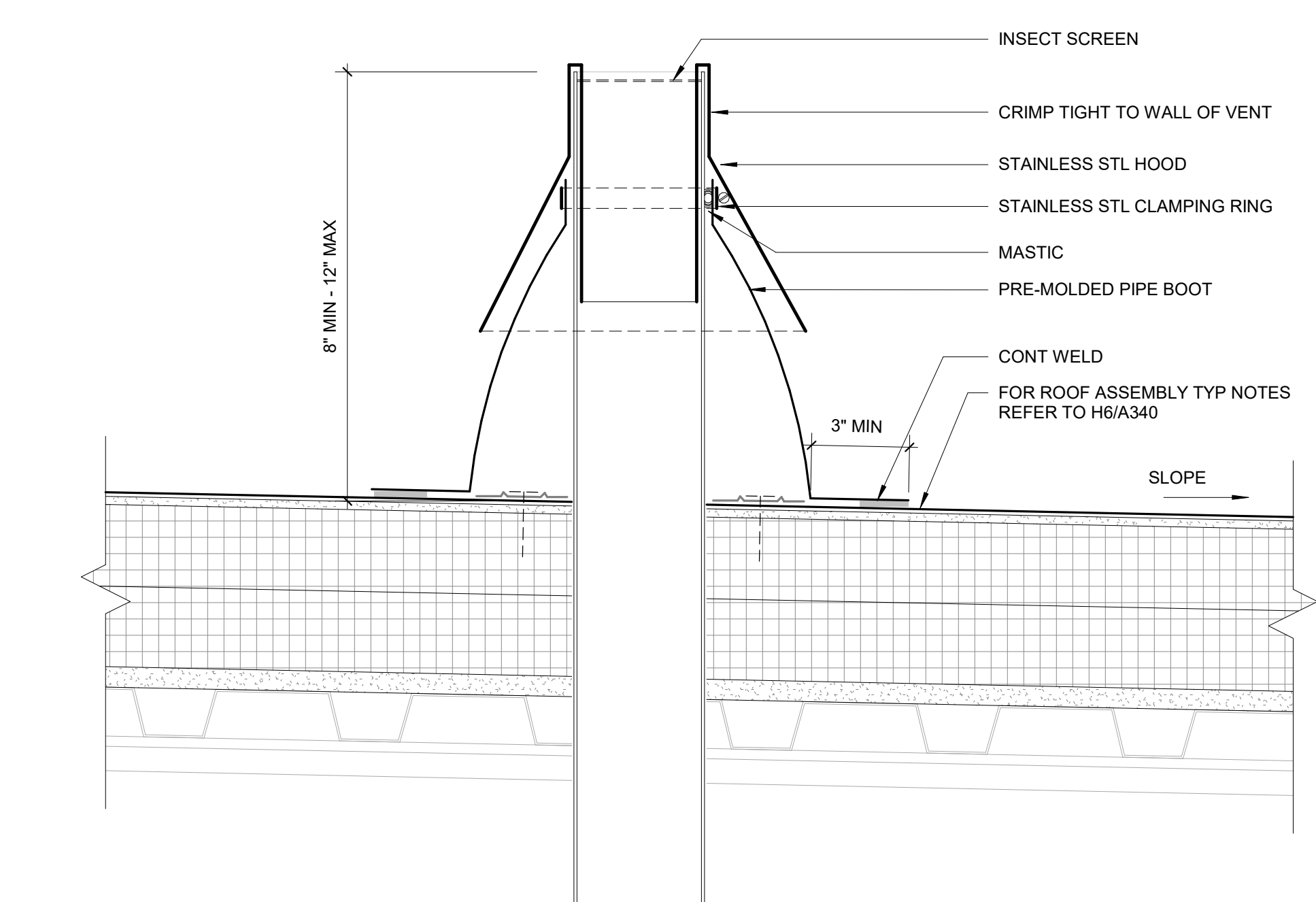
D8 STANDING SEAM ROOM AT AREA B
1 1/2" = 1'-0"



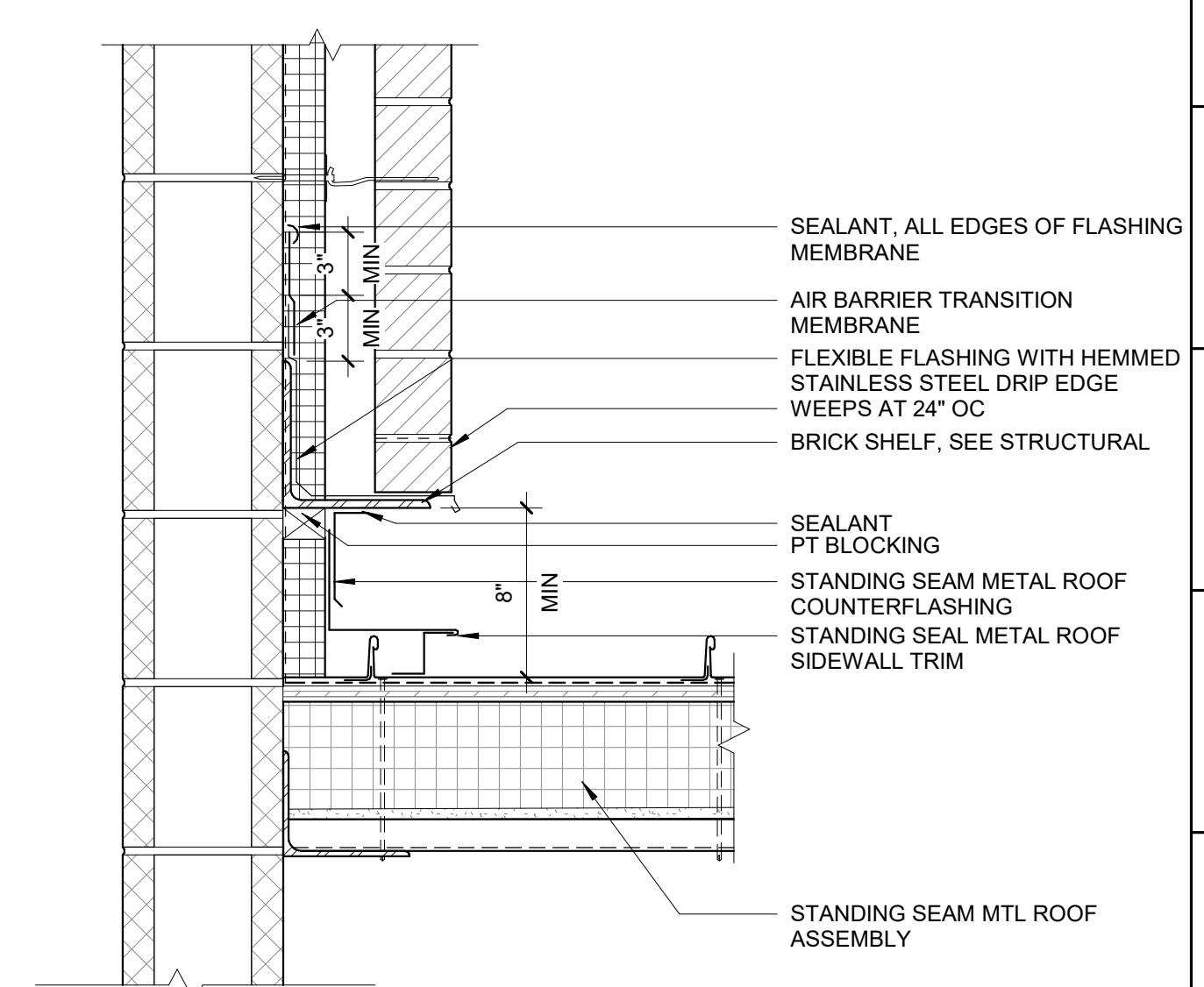
A1 TYP ROOF PATCH
3" = 1'-0"



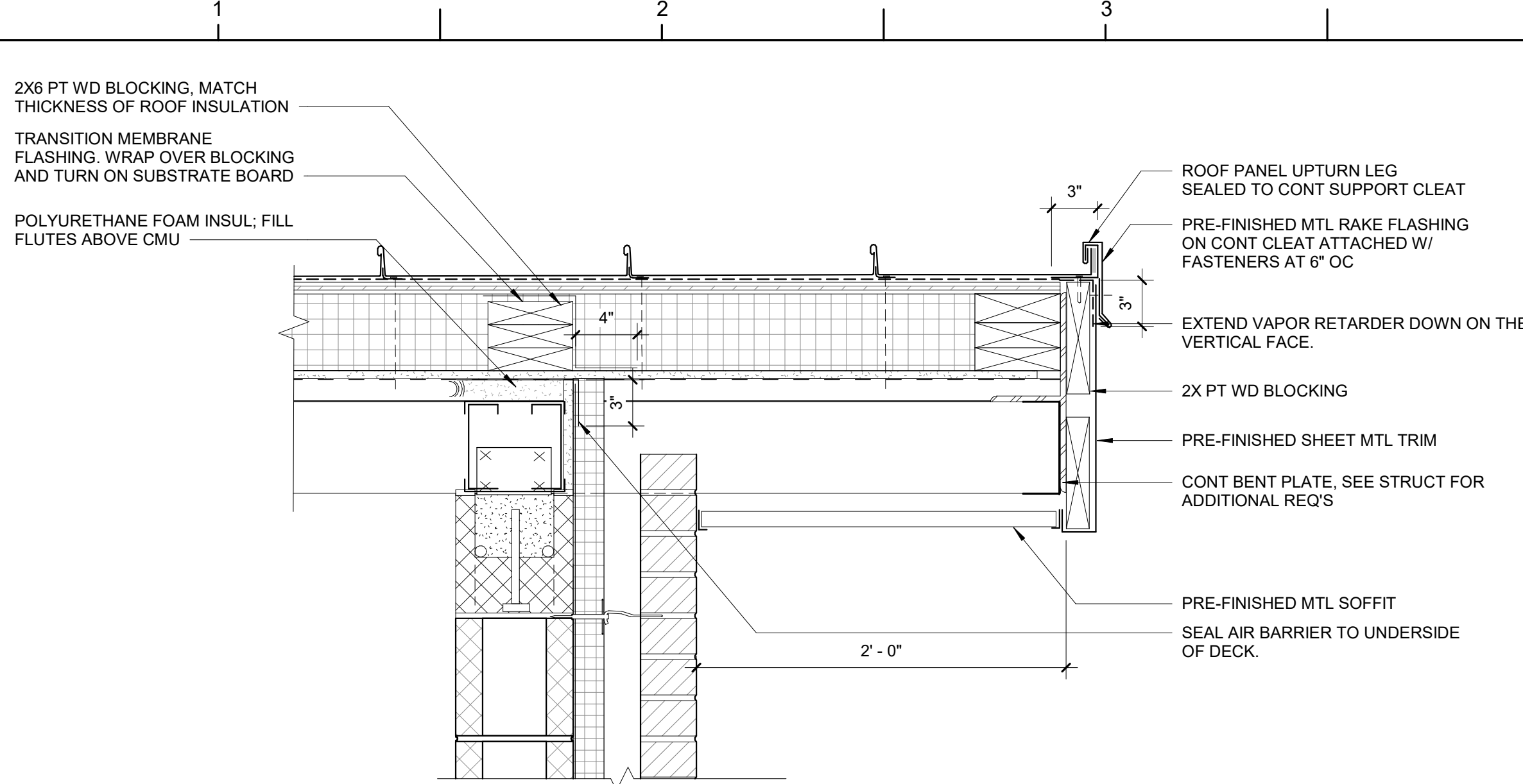
A3 TYP ROOF PENETRATION
3" = 1'-0"



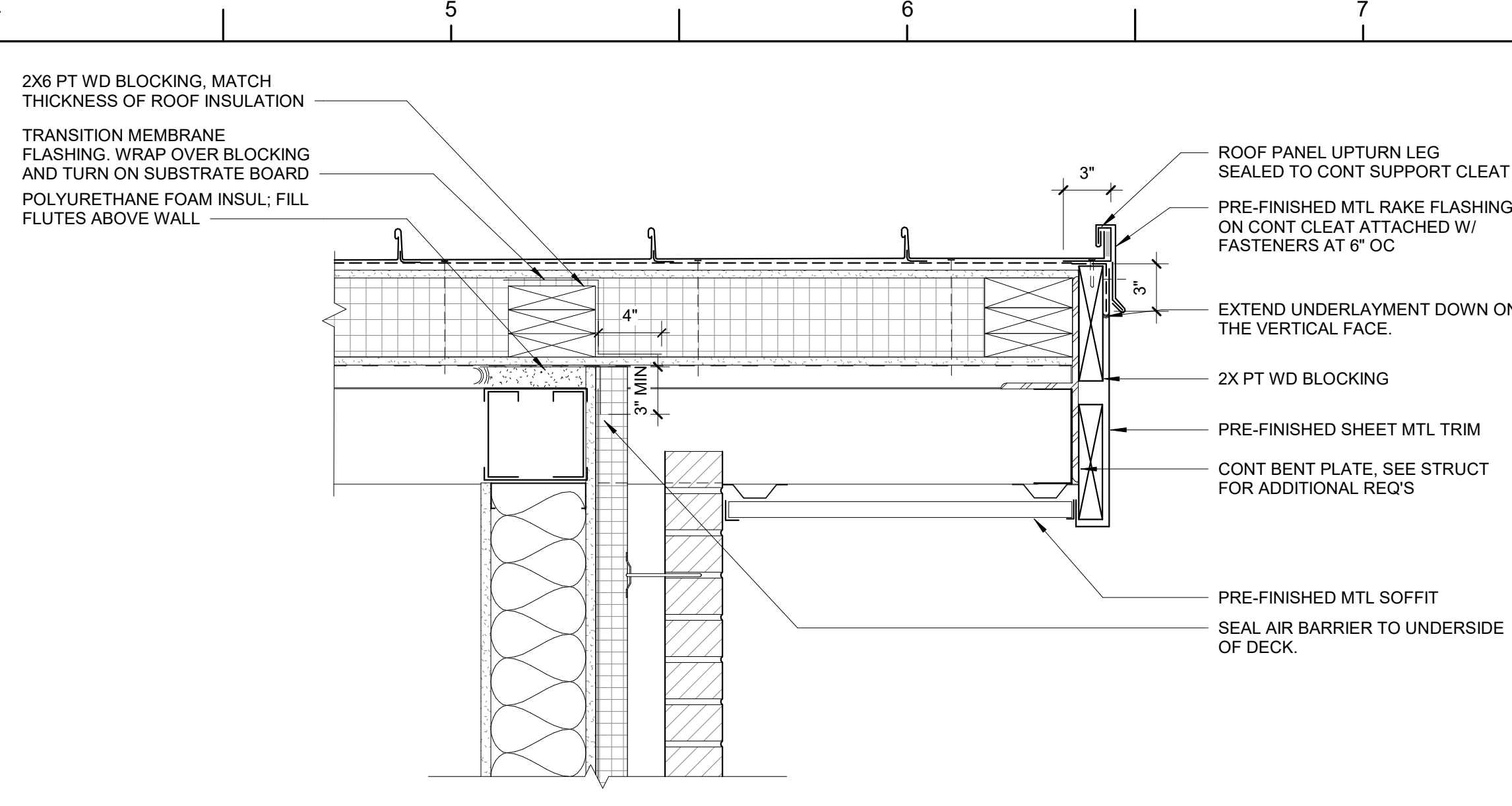
A6 VENT THROUGH ROOF (VTR) DETAIL
3" = 1'-0"



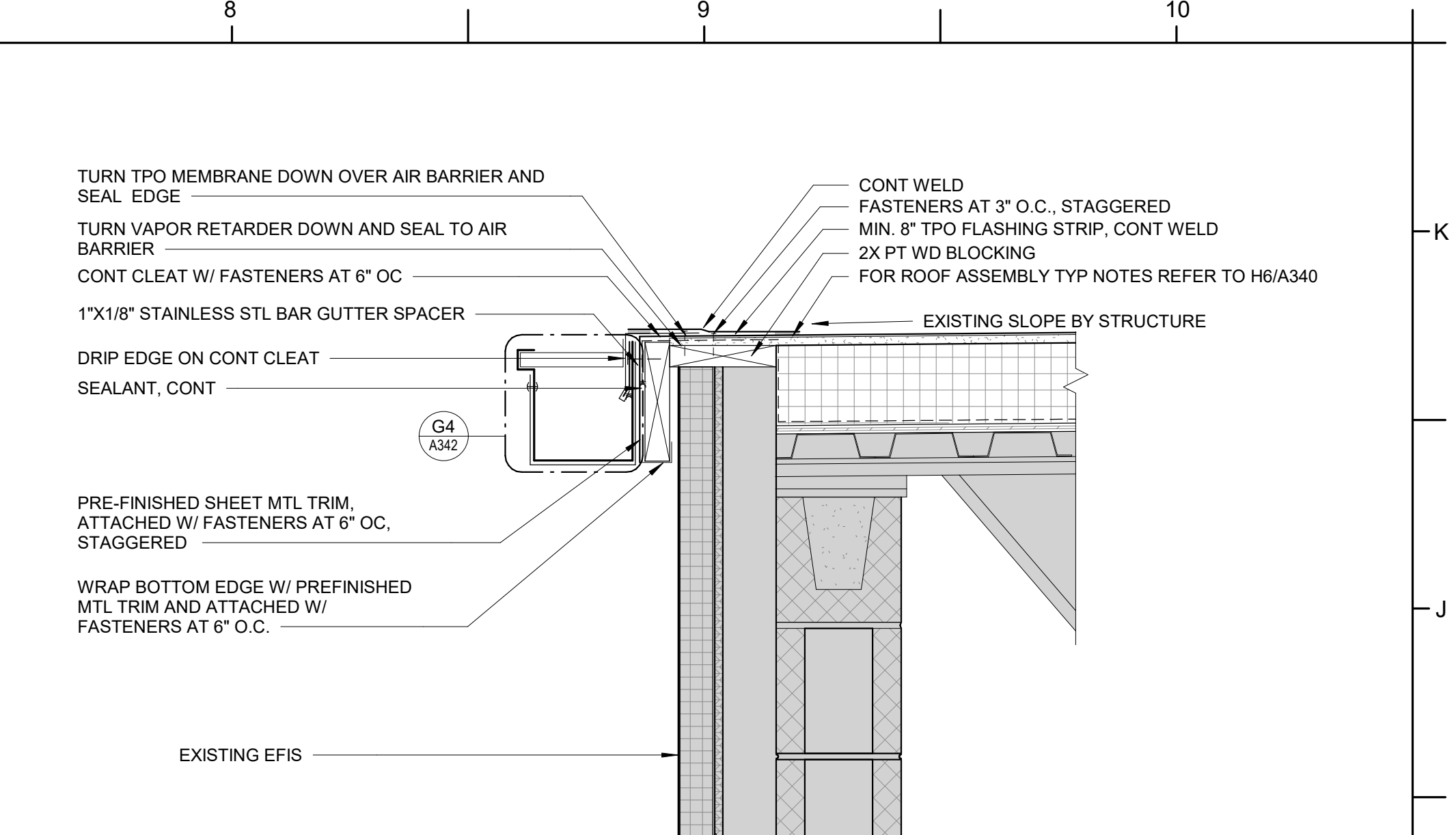
A9 STANDING SEAM METAL ROOF SIDEWALL FLASHING
1 1/2" = 1'-0"



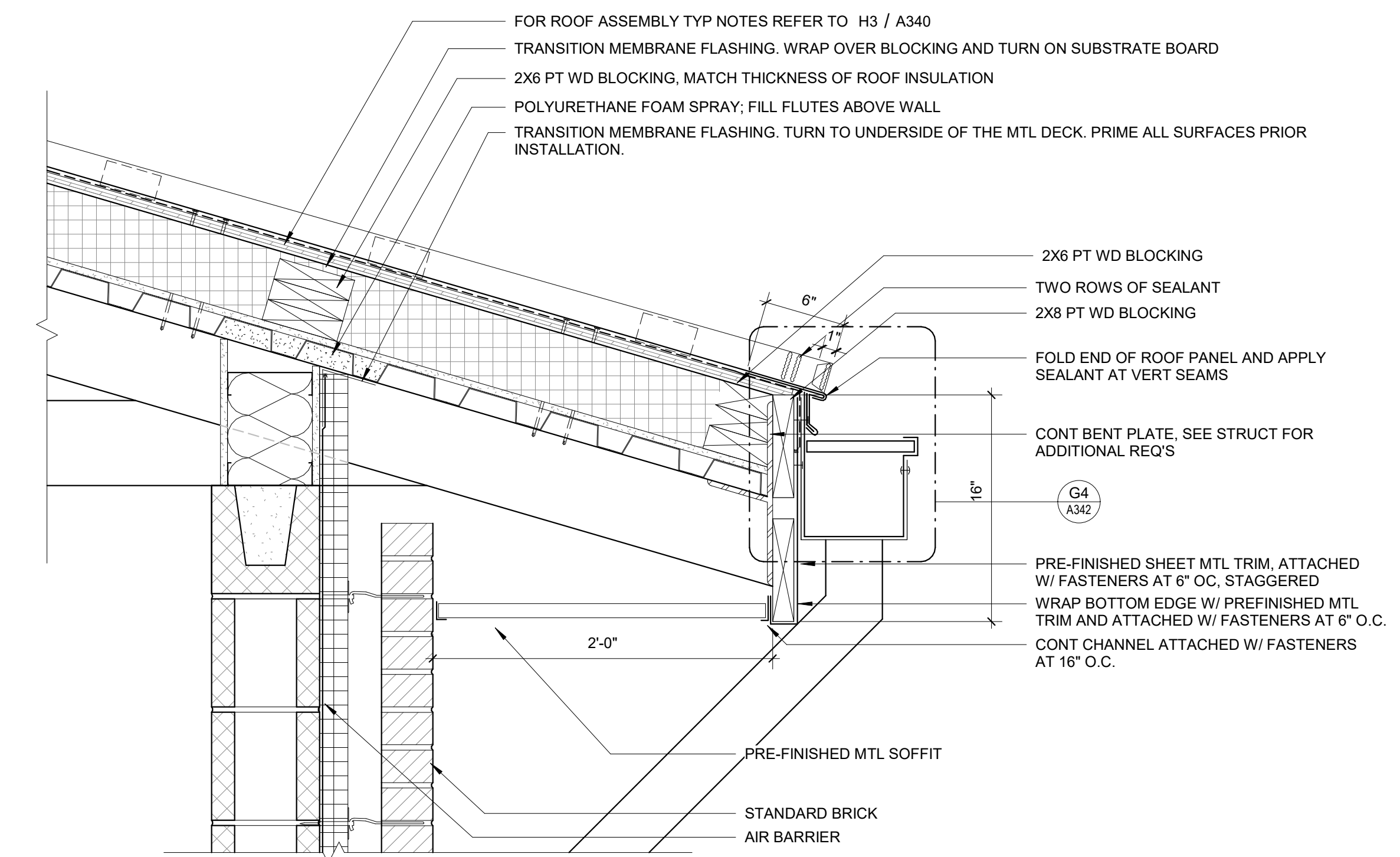
H1 SECTION - ROOF OVERHANG DETAIL
1 1/2" = 1'-0"



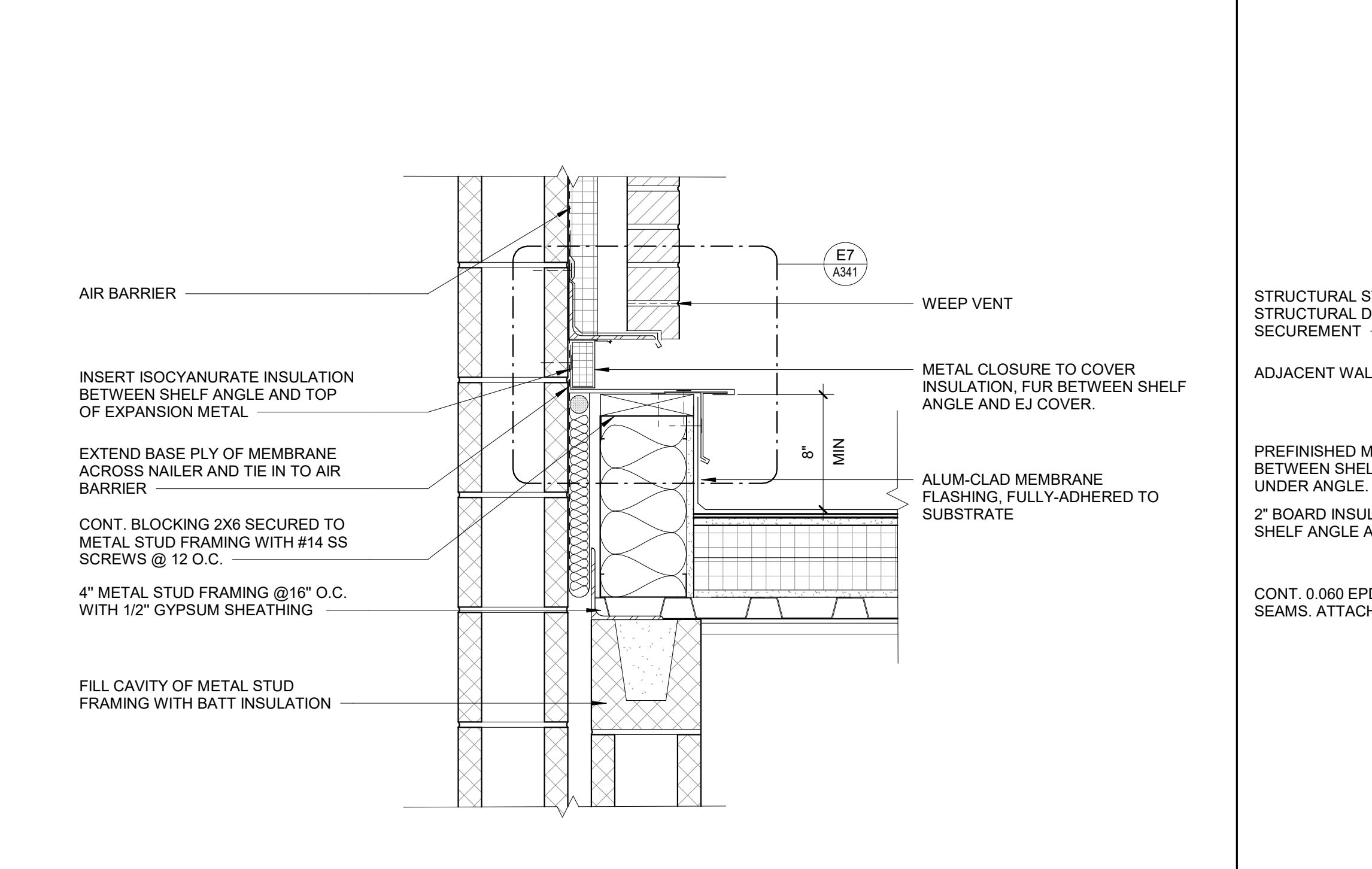
H4 SECTION - ROOF OVERHANG DETAIL
1 1/2" = 1'-0"



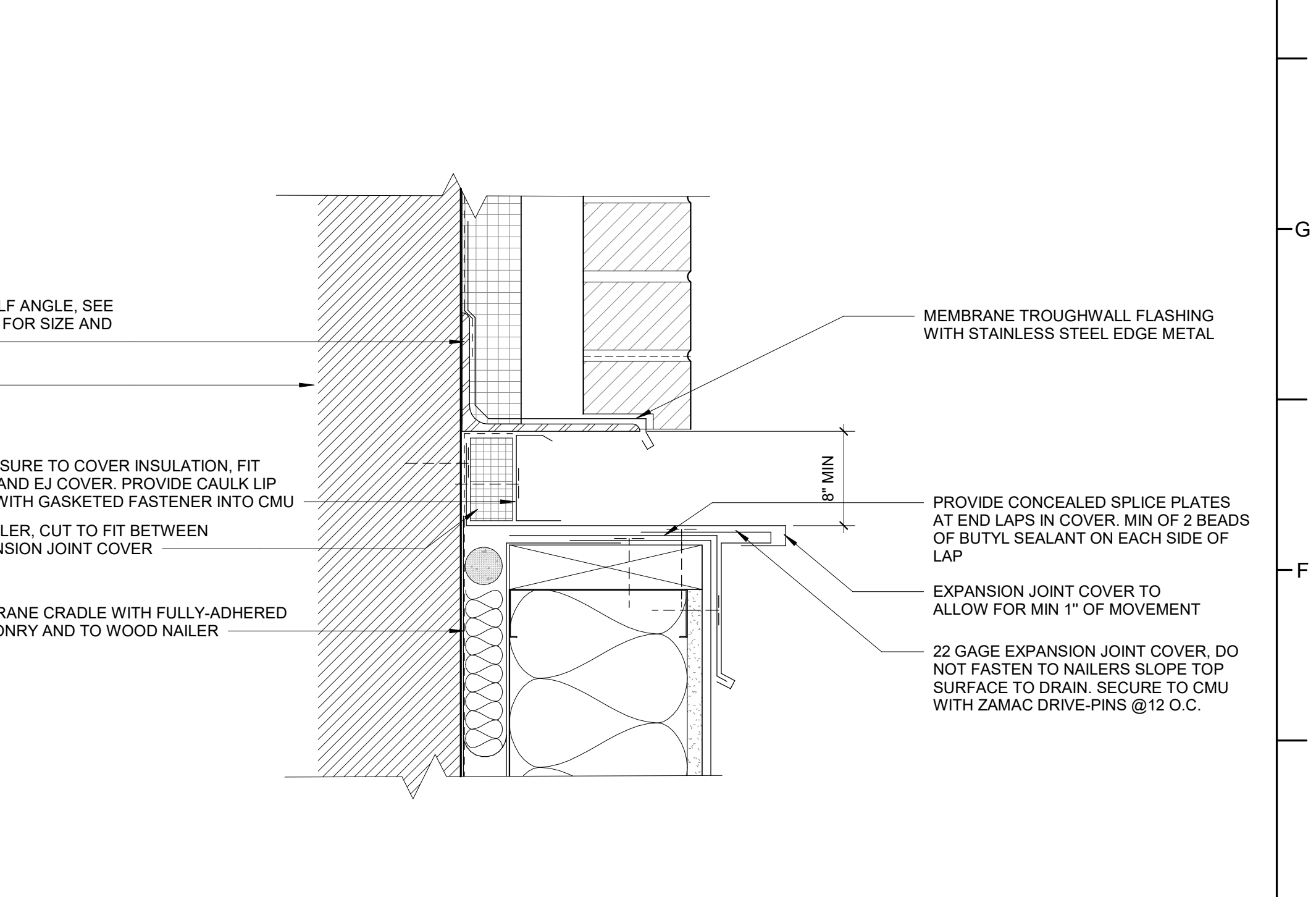
H8 SECTION - ROOF EDGE DETAIL
1 1/2" = 1'-0"



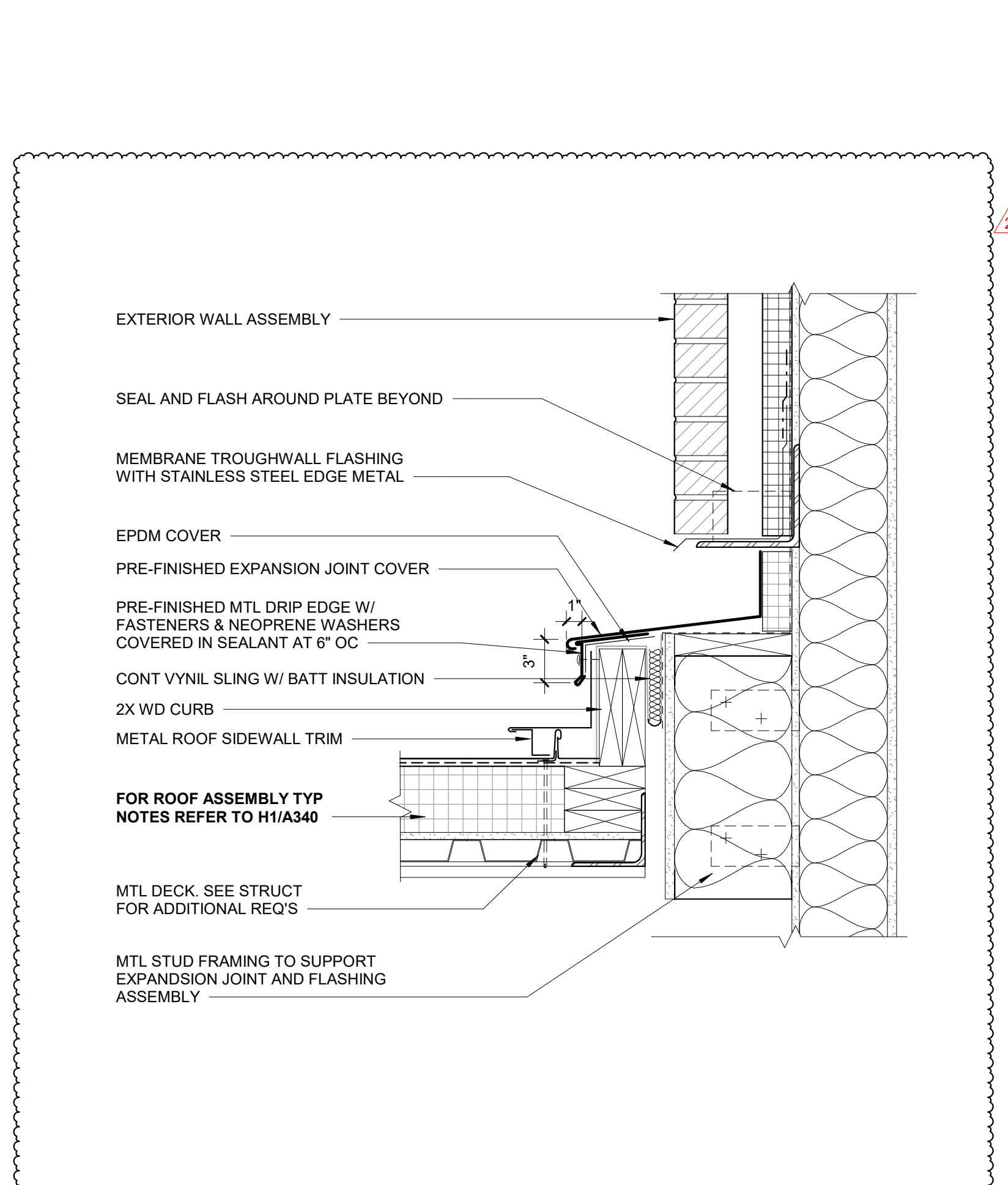
E1 SECTION - TYP ROOF EAVE
1 1/2" = 1'-0"



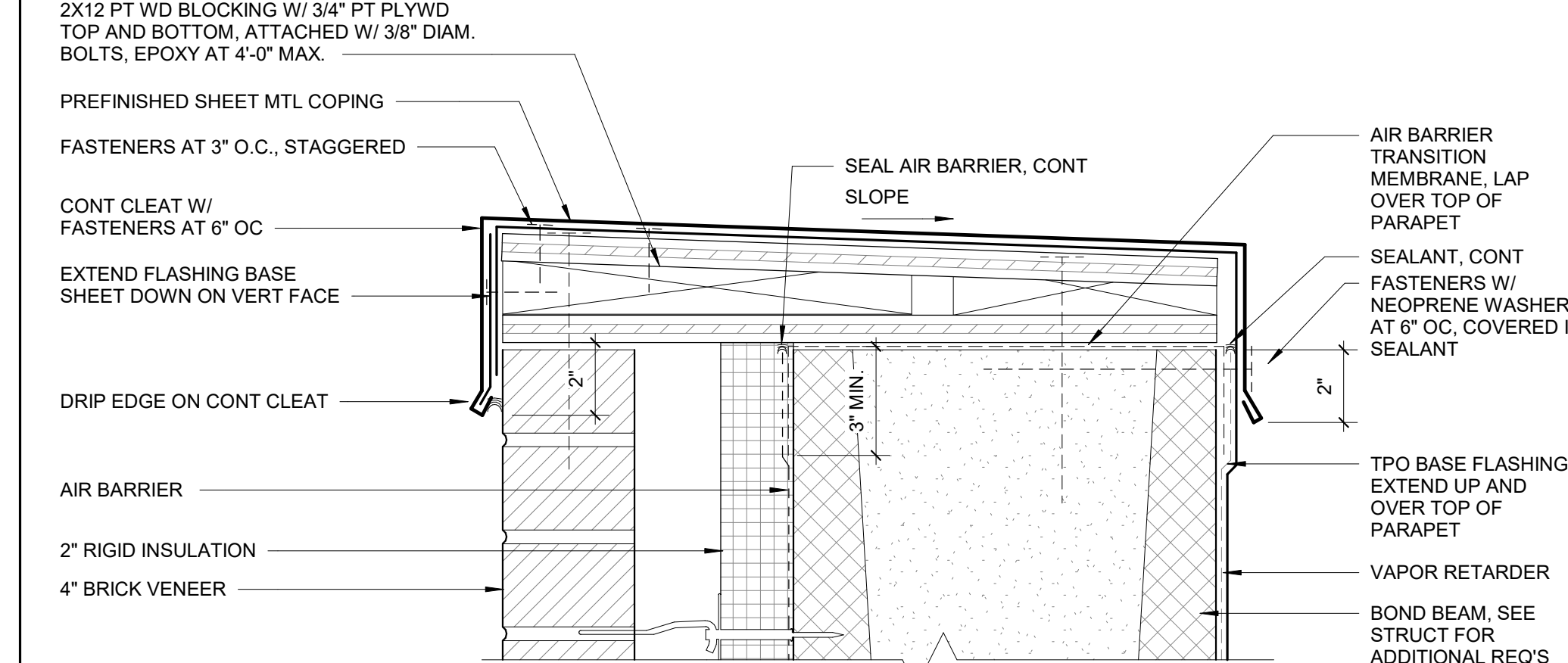
E4 SECTION - EXPANSION JOINT FLASHING DETAIL
1 1/2" = 1'-0"



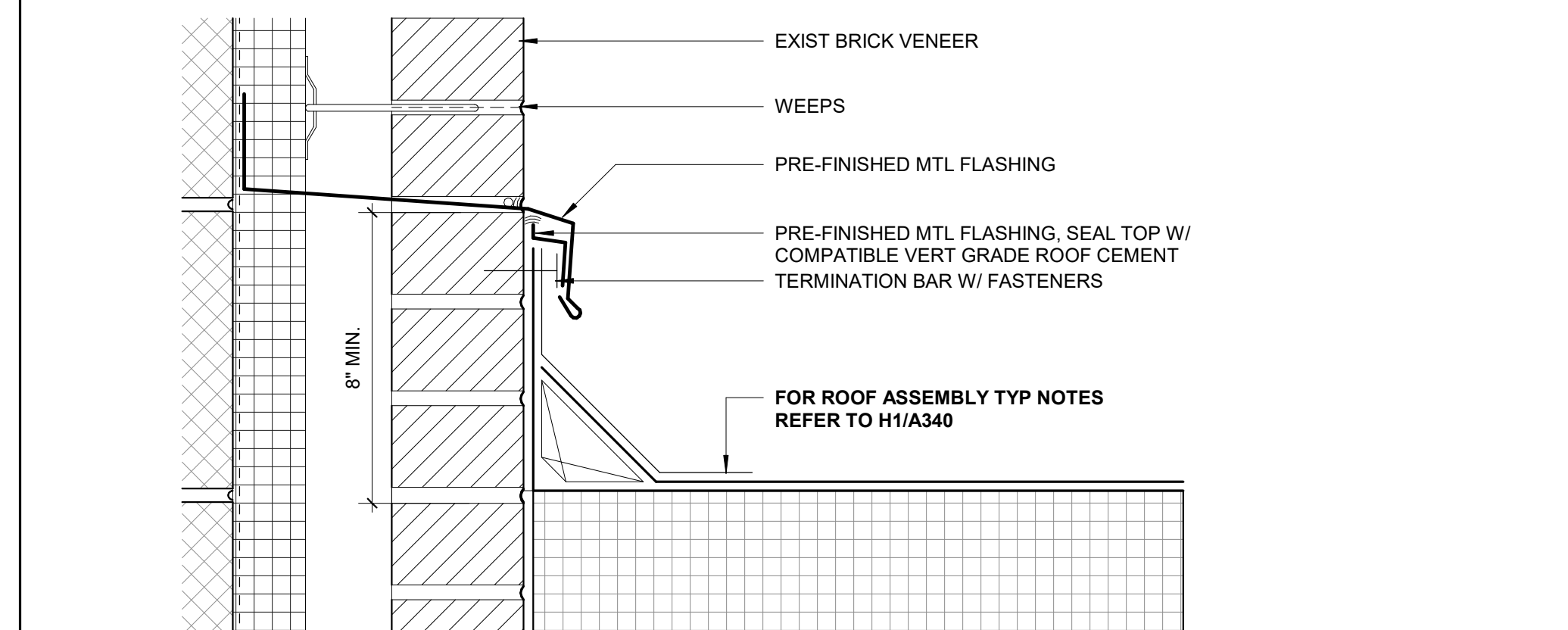
E7 SECTION - ENLARGED DETAIL AT EXPANSION FLASHING
3" = 1'-0"



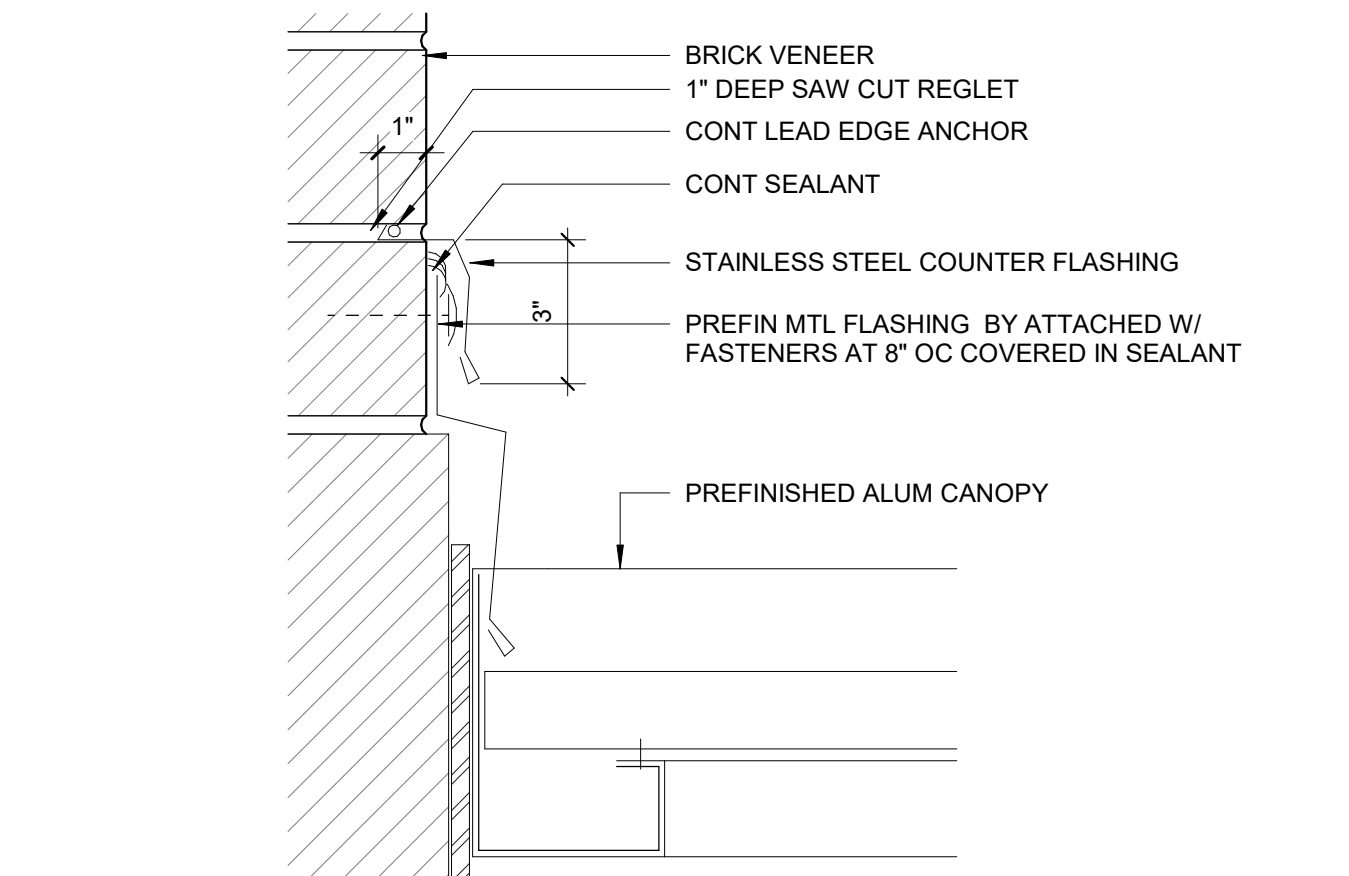
A1 ROOF EXPANSION JOINT DETAIL
1 1/2" = 1'-0"



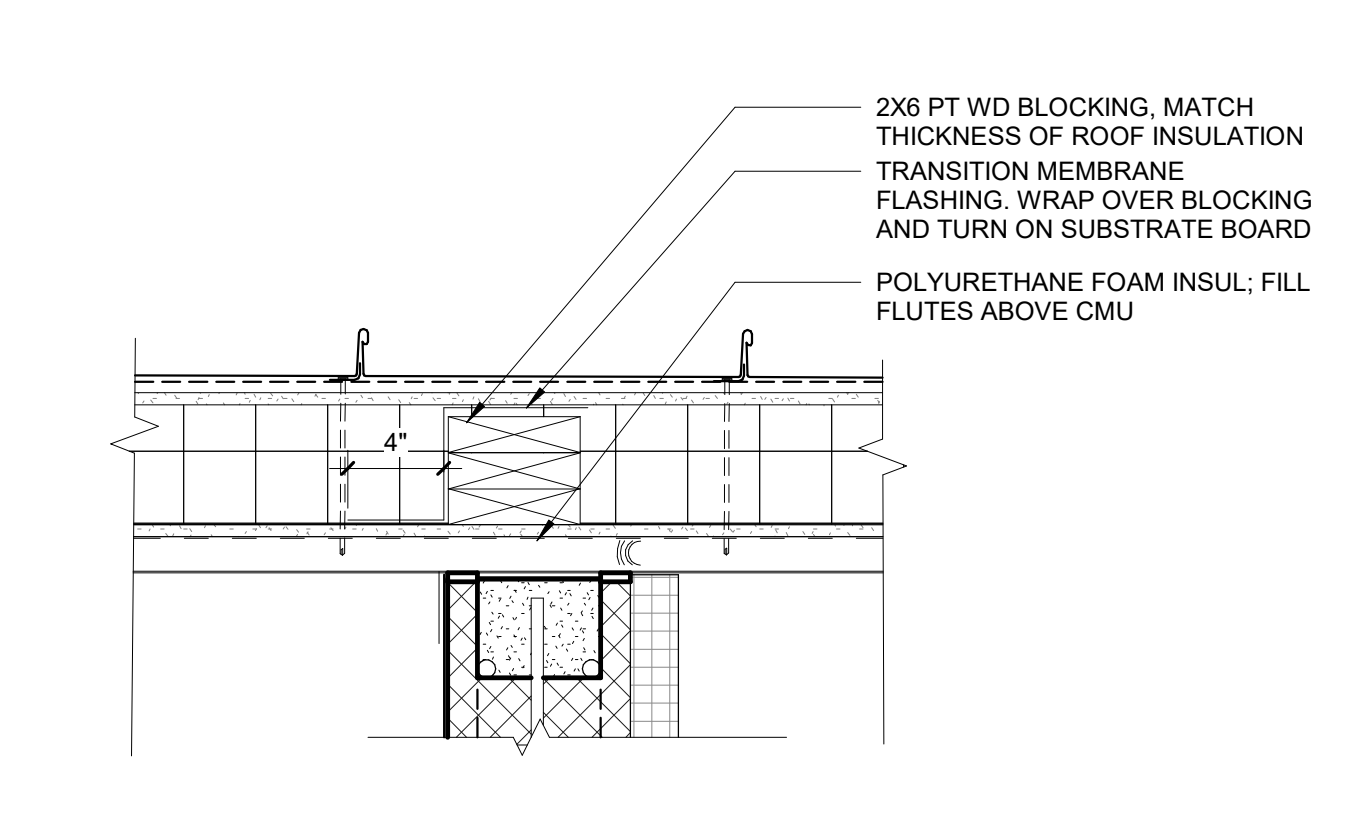
C3 ROOF EDGE DETAIL
3" = 1'-0"



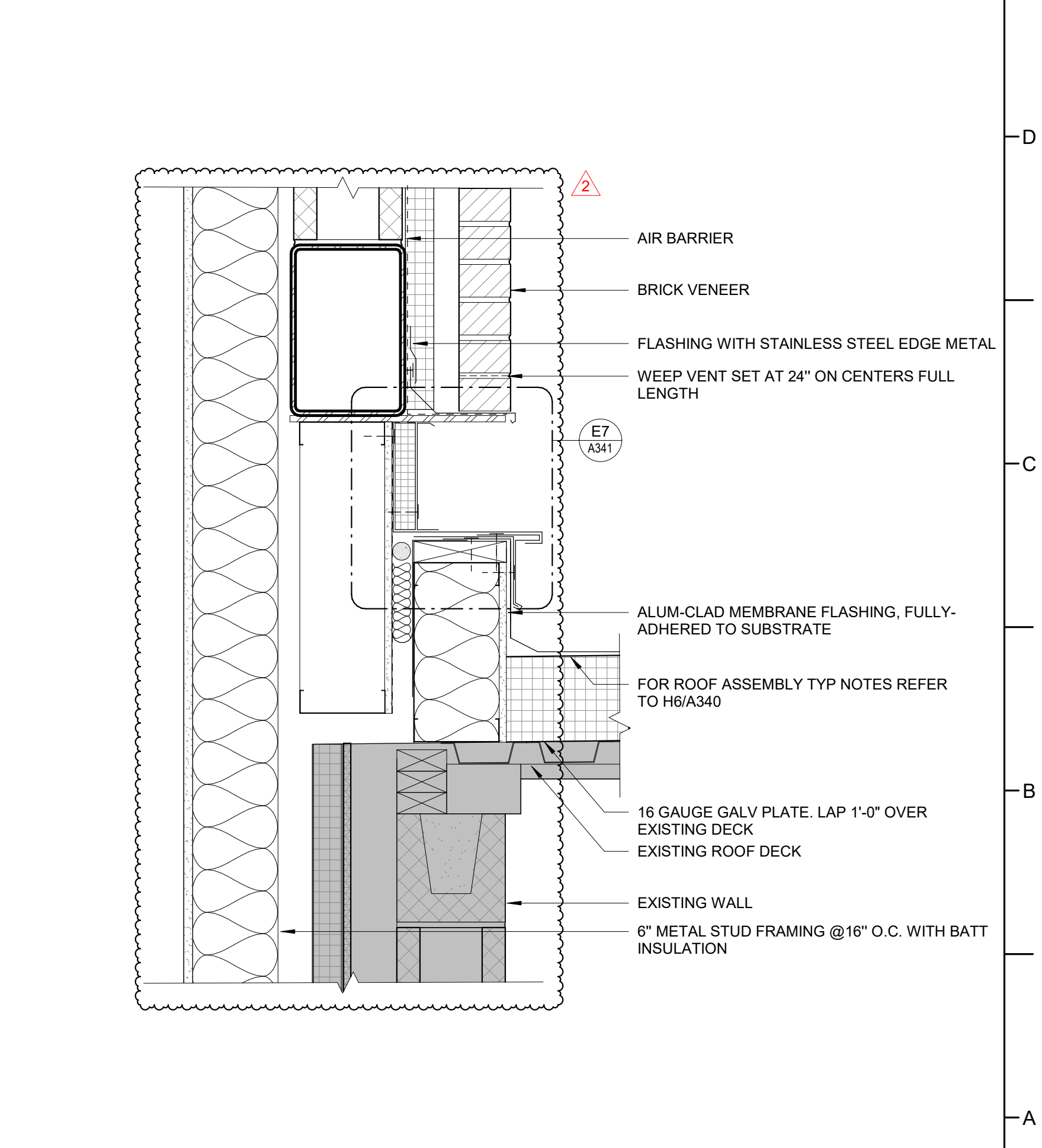
A3 ROOF CURB AT WALL DETAIL
3" = 1'-0"



C6 AWNING FLASHING DETAIL
3" = 1'-0"

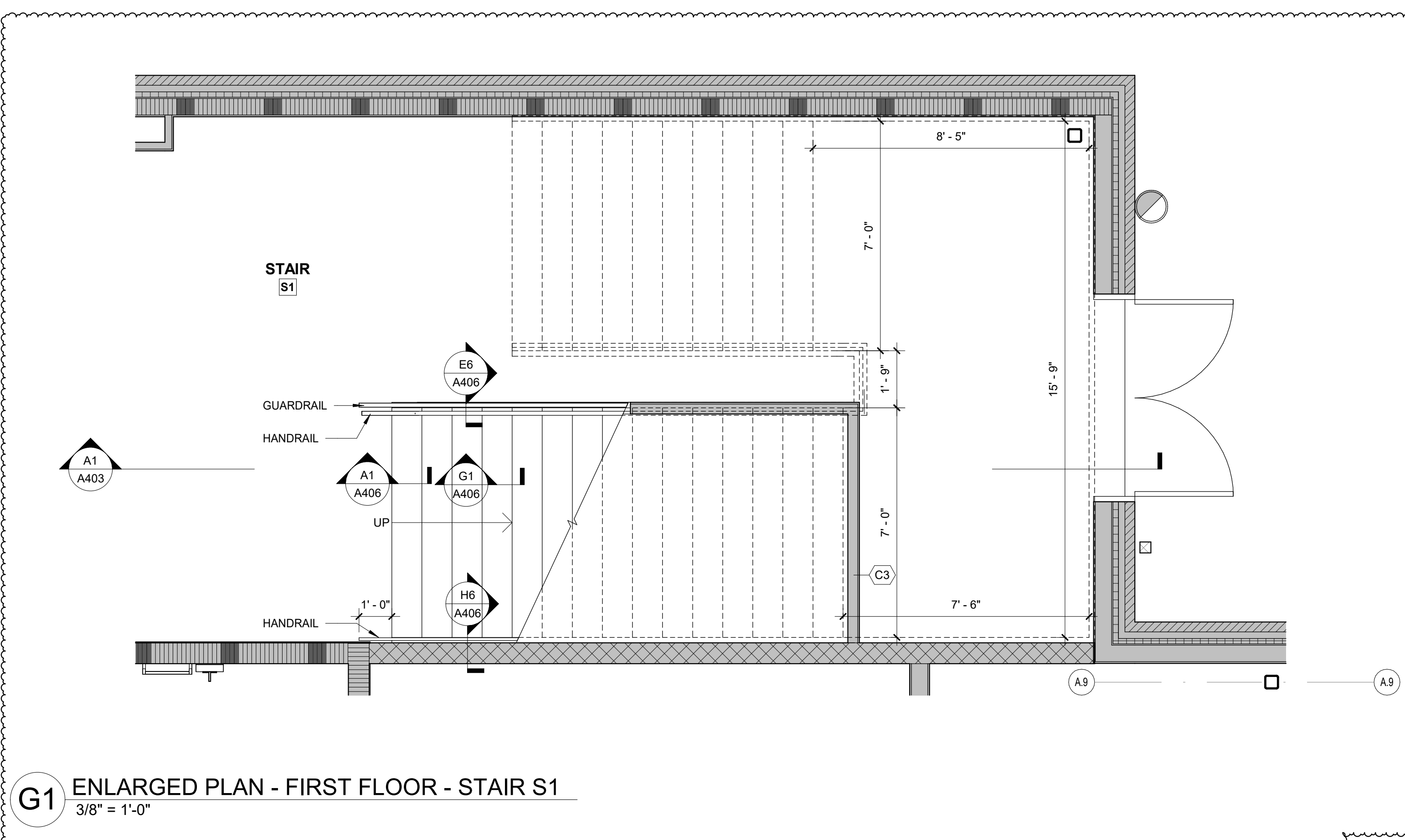


A6 ROOF DETAIL AT CMU
1 1/2" = 1'-0"

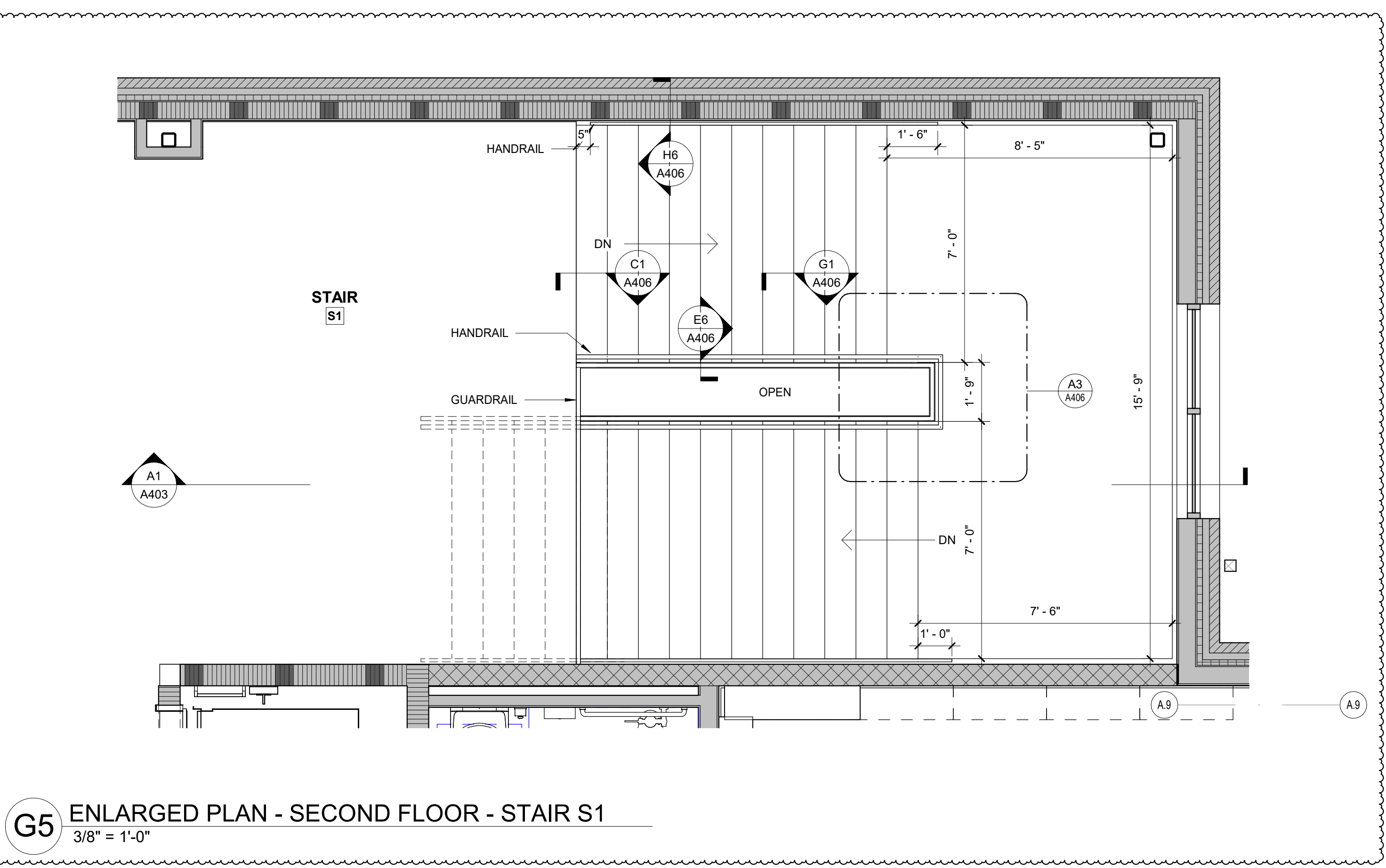


A8 EXPANSION JOINT FLASHING DETAIL AT EIFS WALL
1 1/2" = 1'-0"

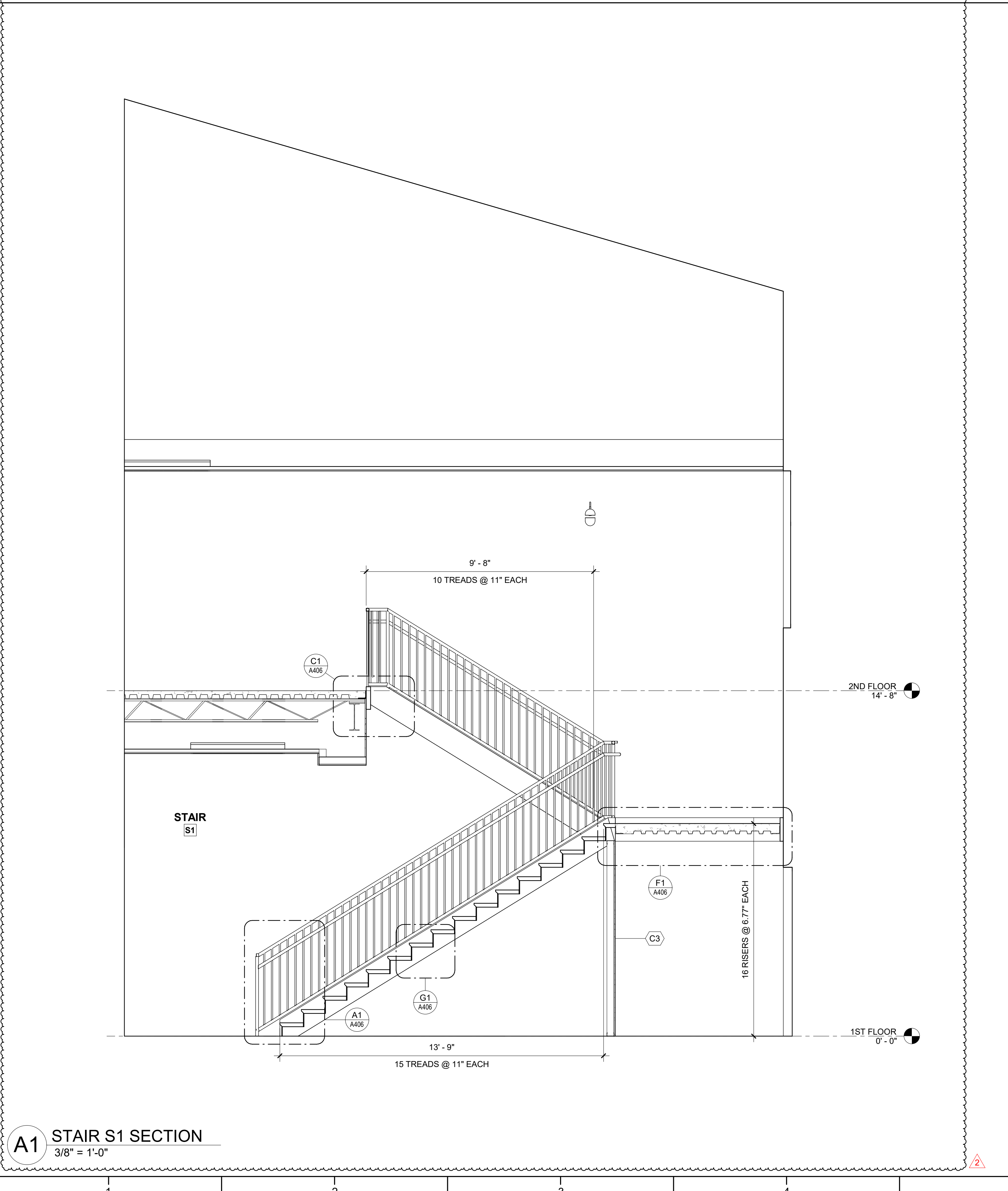
G1 ENLARGED PLAN - FIRST FLOOR - STAIR S1
3/8" = 1'-0"



G5 ENLARGED PLAN - SECOND FLOOR - STAIR S1
3/8" = 1'-0"



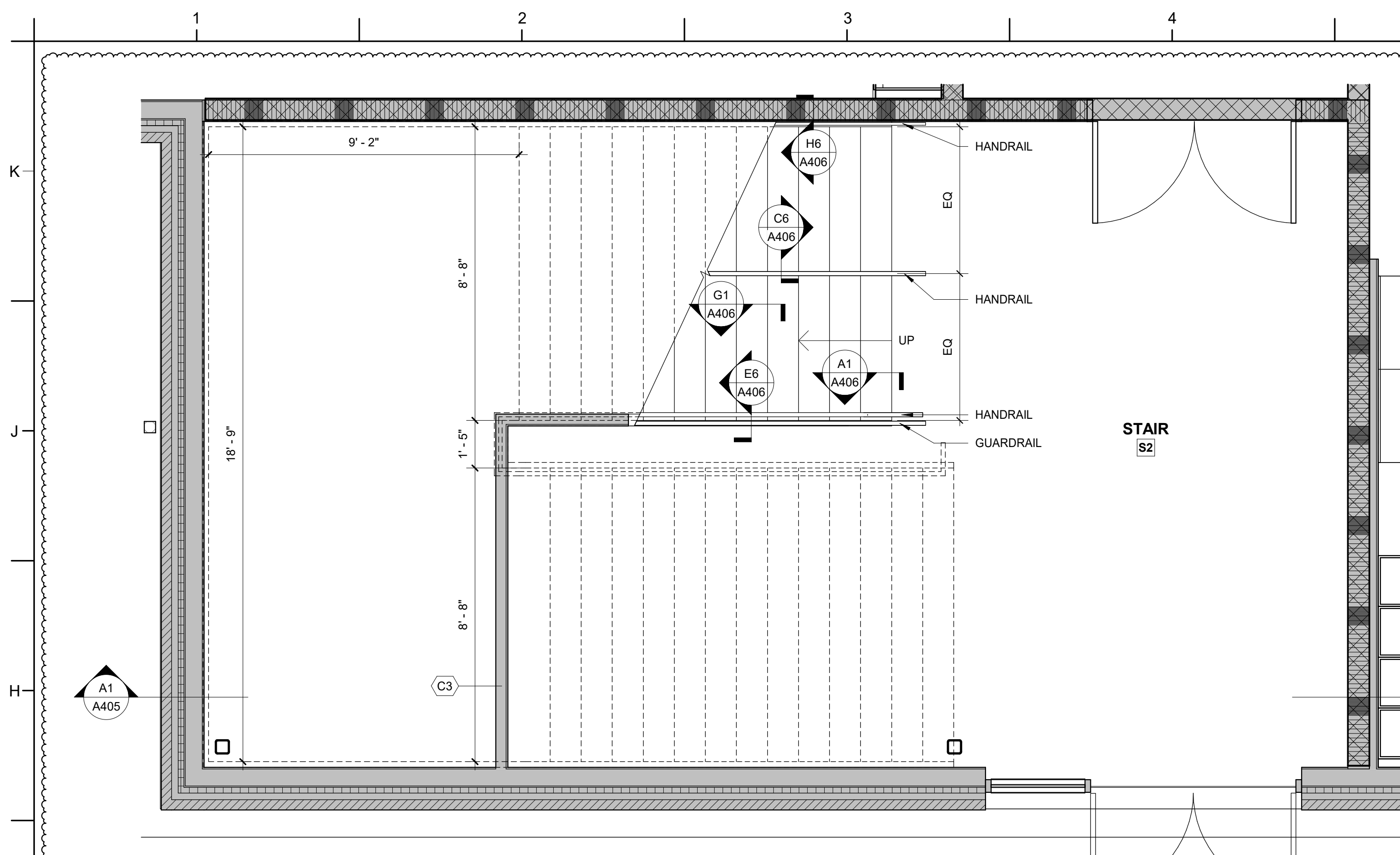
A1 STAIR S1 SECTION
3/8" = 1'-0"



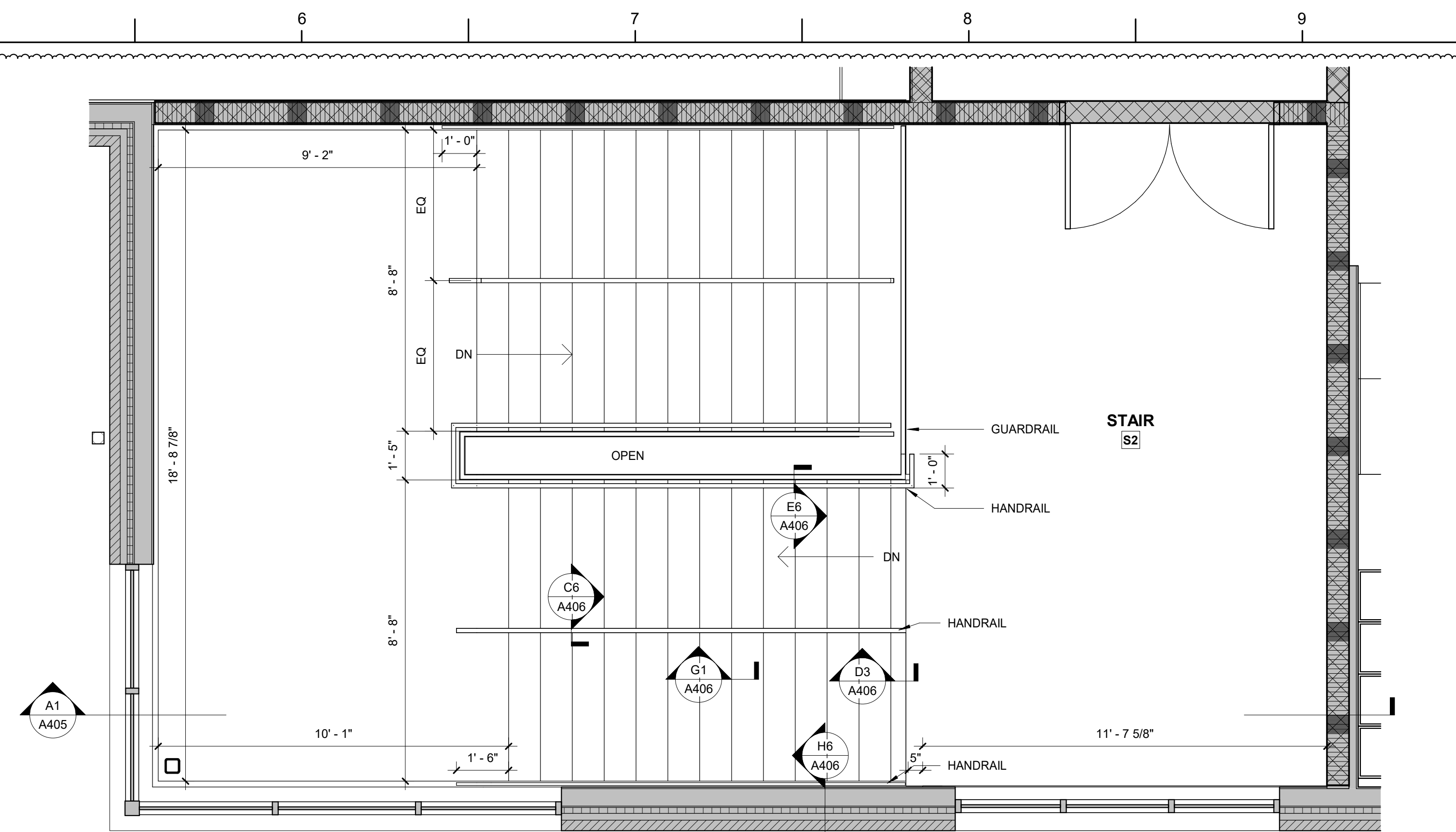
G1 ENLARGED PLAN - FIRST FLOOR - STAIR S2
3/8" = 1'-0"

G5 ENLARGED PLAN - SECOND FLOOR - STAIR S2
3/8" = 1'-0"

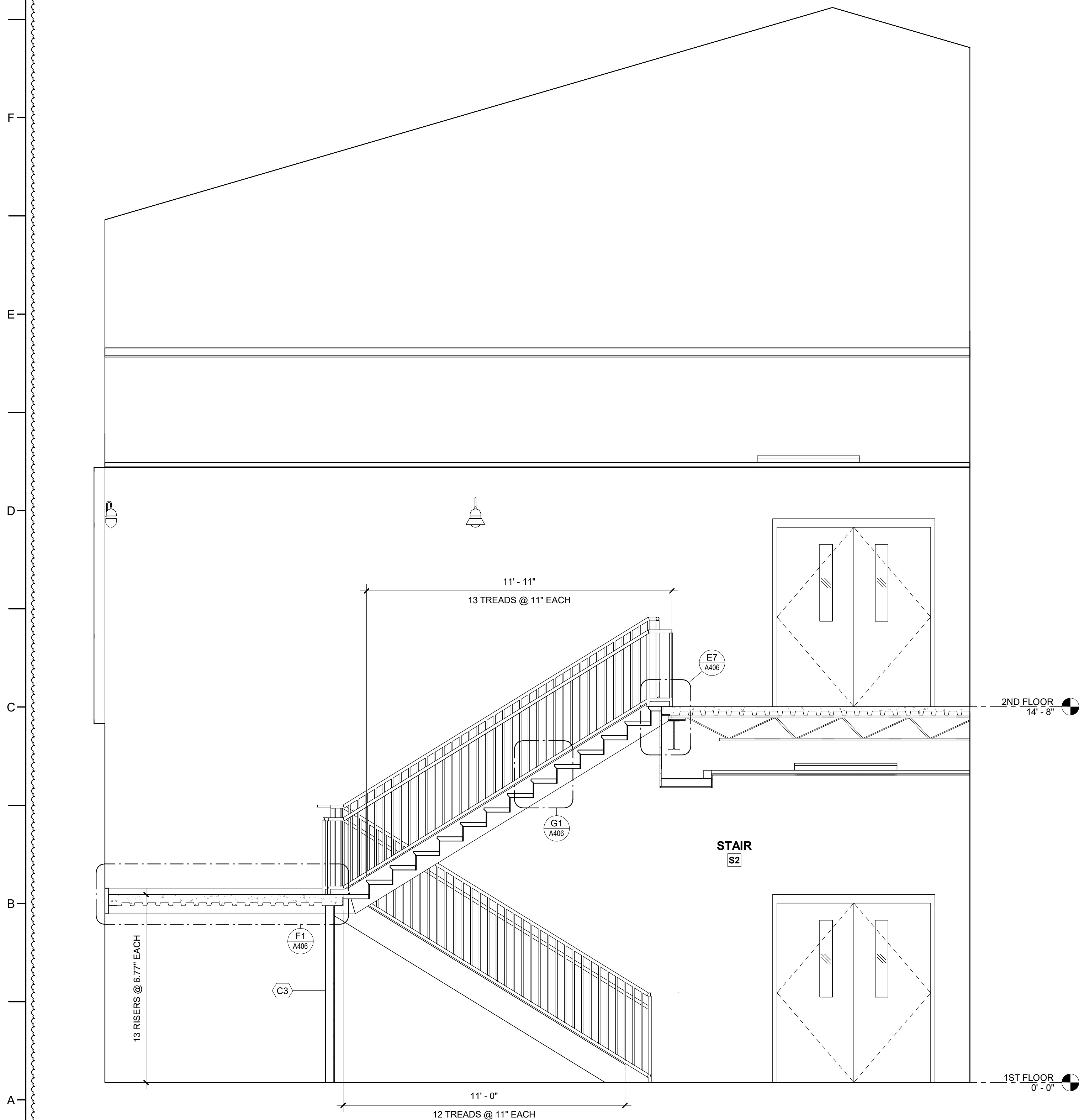
A1 STAIR S2 SECTION
3/8" = 1'-0"



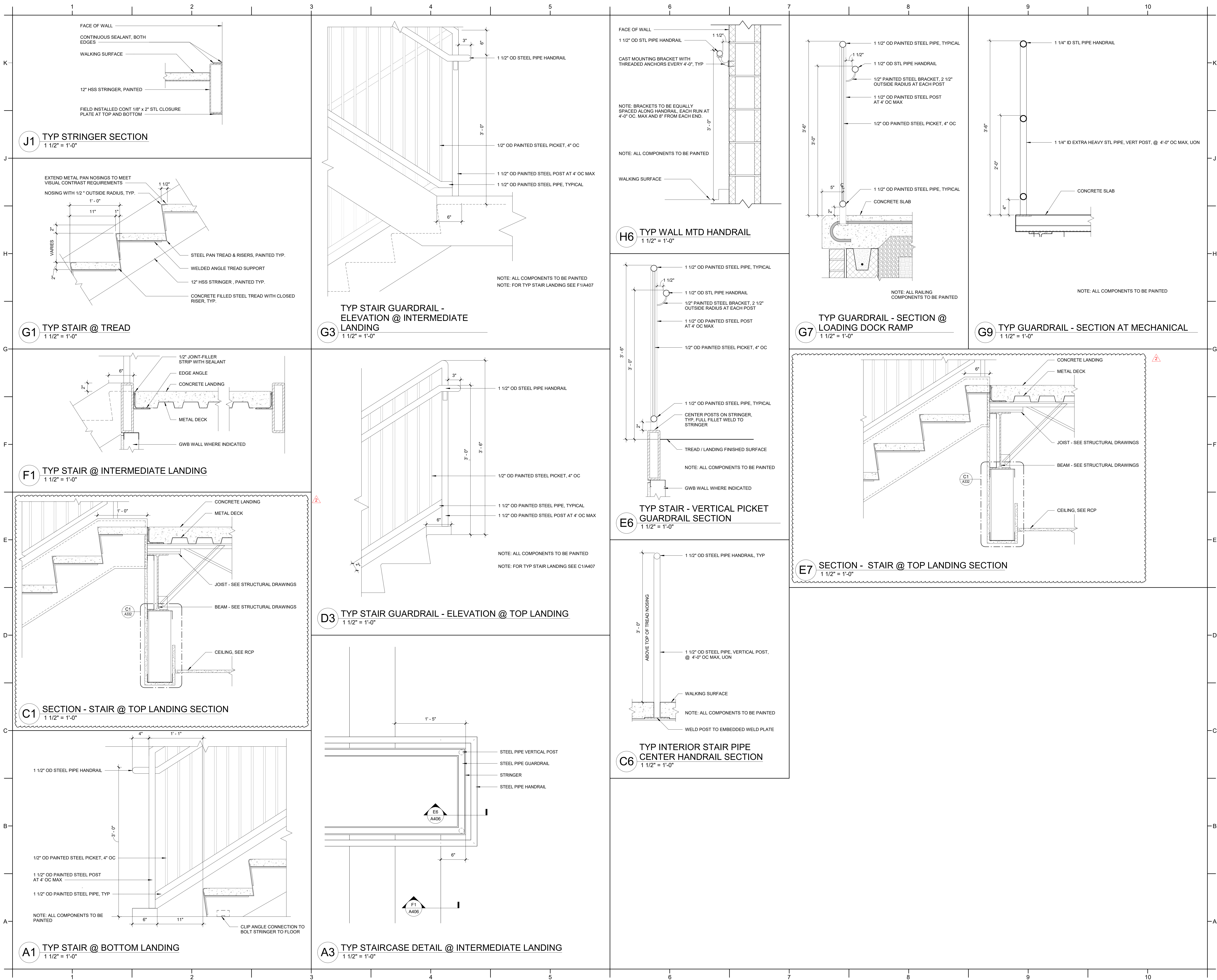
G1 ENLARGED PLAN - FIRST FLOOR ALT - STAIR S2
3/8" = 1'-0"



G5 ENLARGED PLAN - SECOND FLOOR ALT - STAIR S2
3/8" = 1'-0"



A1 STAIR S2 ALT SECTION
3/8" = 1'-0"

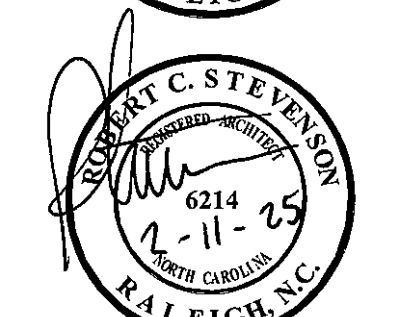




**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

REVISIONS

[illegible]

These drawings are the property of Davis Kane Architects, P.A. They may not be reused for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

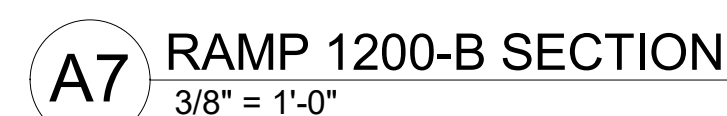
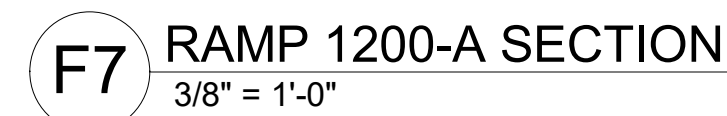
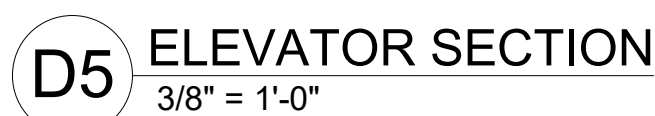
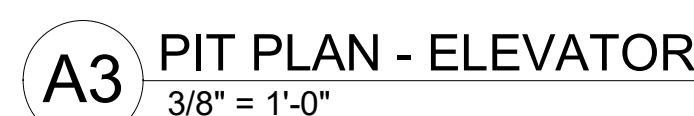
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: VK
Plot Date: 2/10/2025 11:37:35 PM

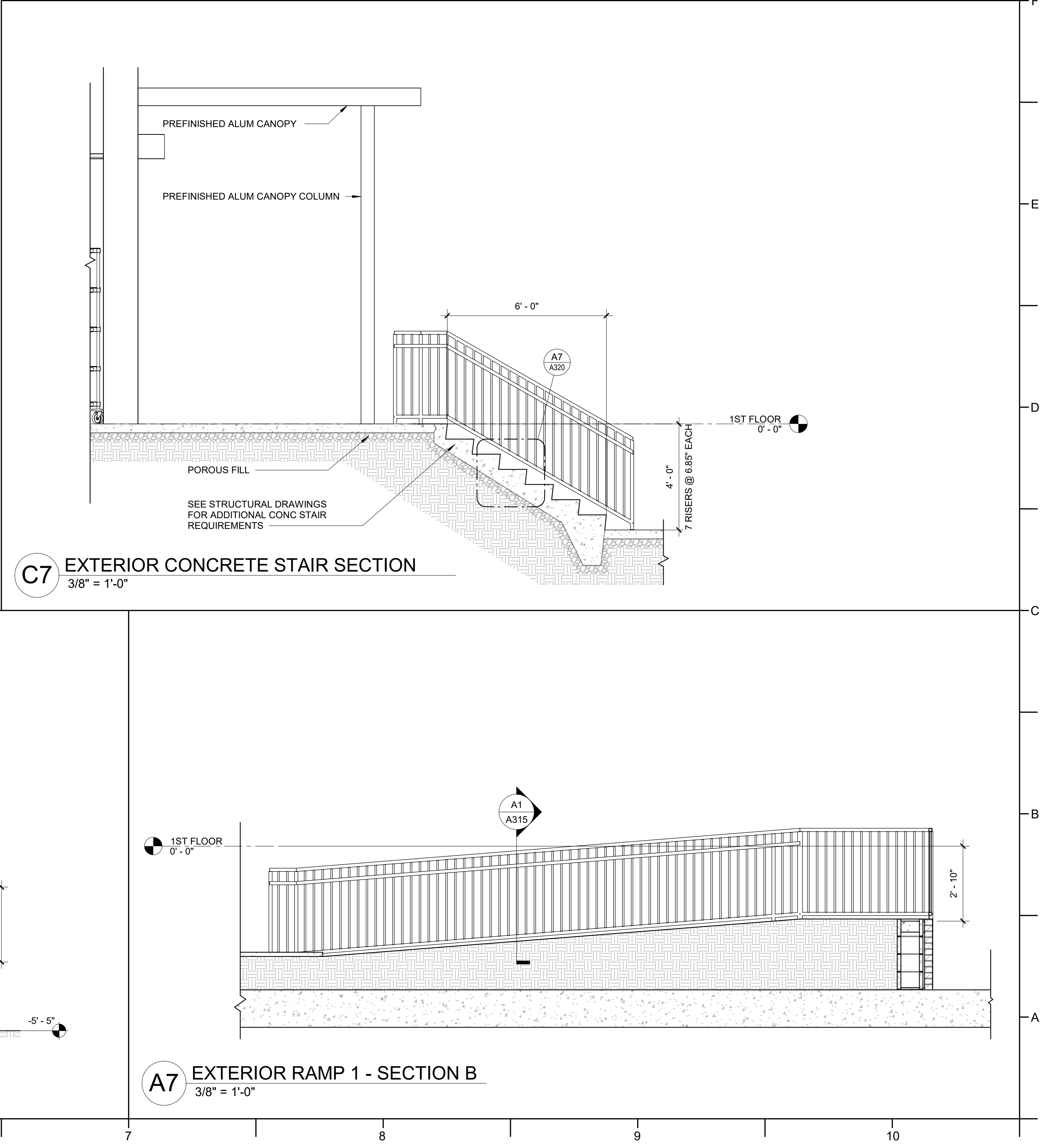
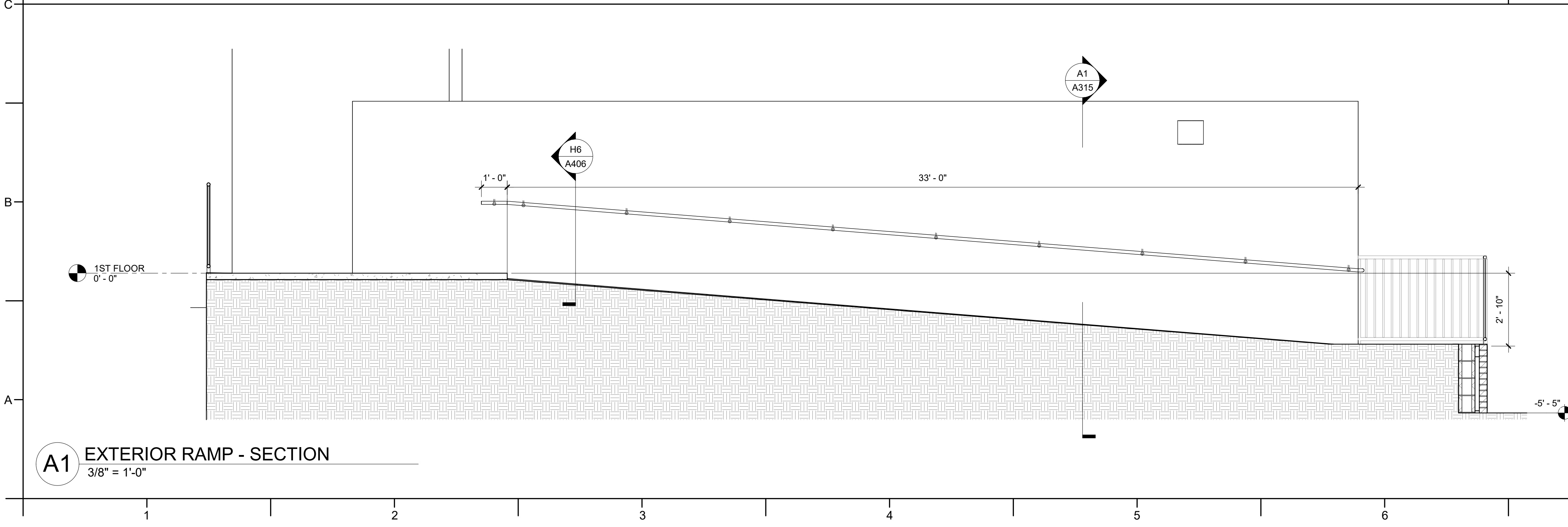
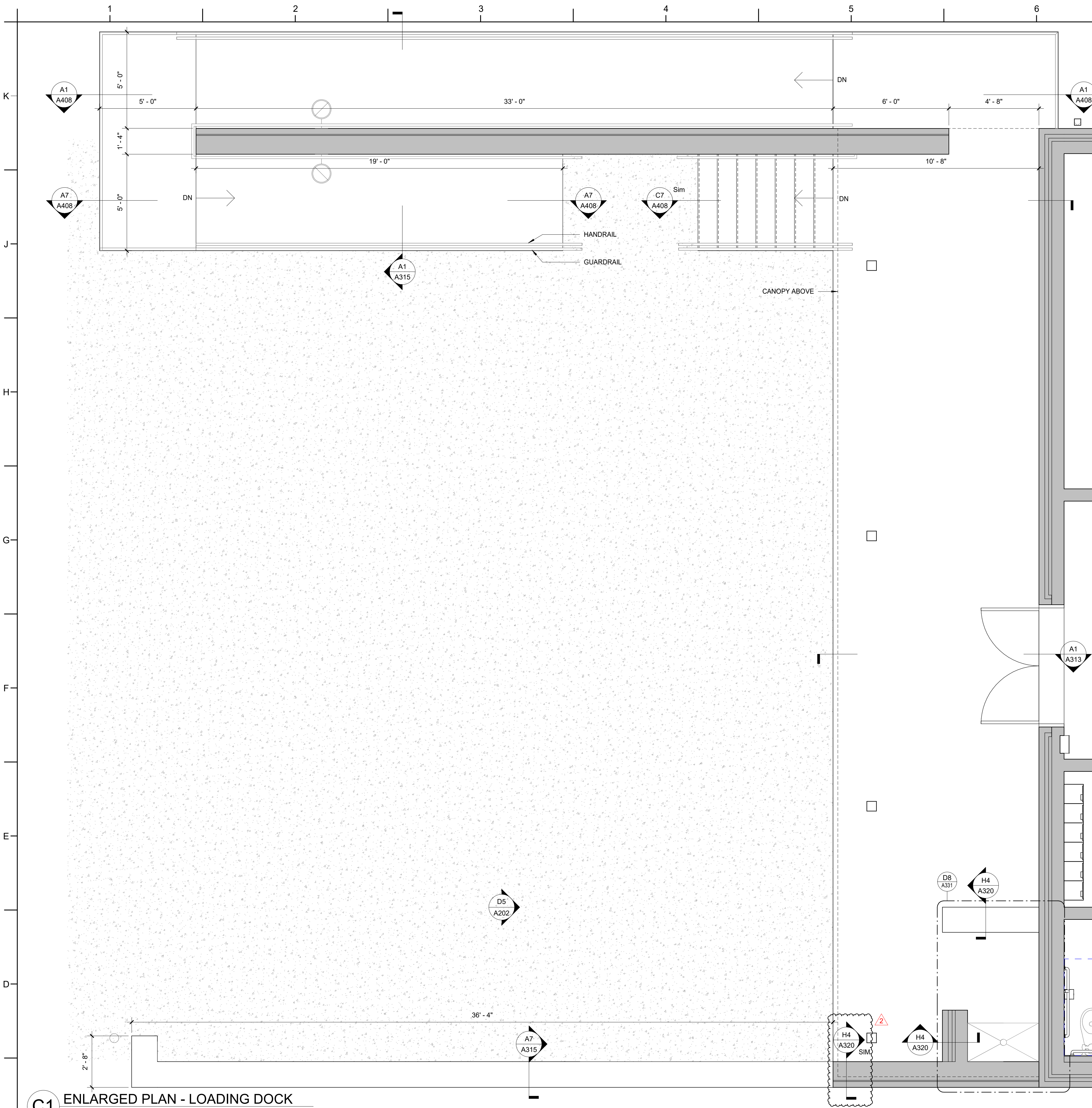
DATE ISSUED _____

BID DOCUMENTS
01/10/2025

SHEET TITLE

ENLARGED PLANS -
ELEV AND RAMPS







541 North Carolina 581 S, Goldsboro, NC 27530

2401

[illegible]

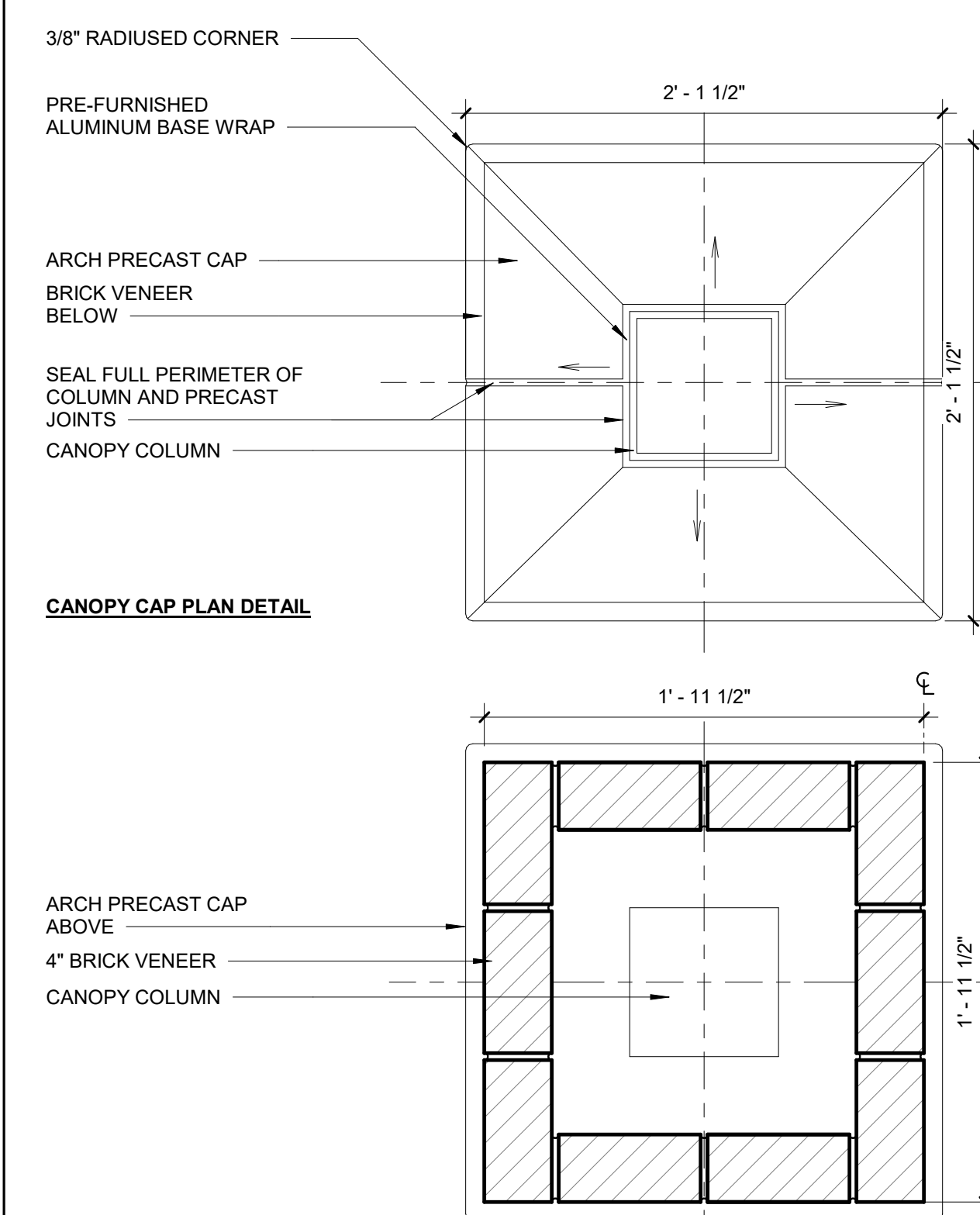
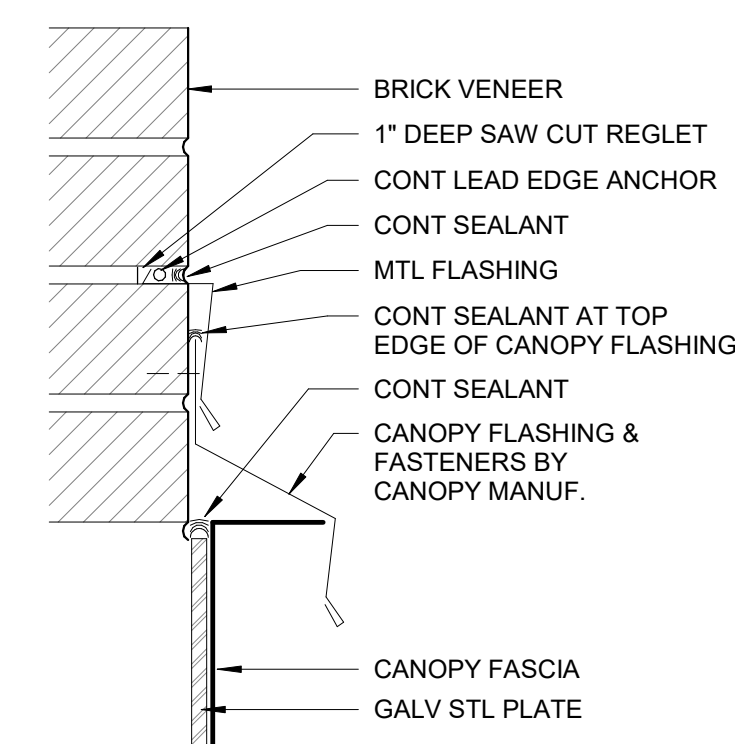
These drawings are the property of Davis Kane Architects, P.A. They may not be reused for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

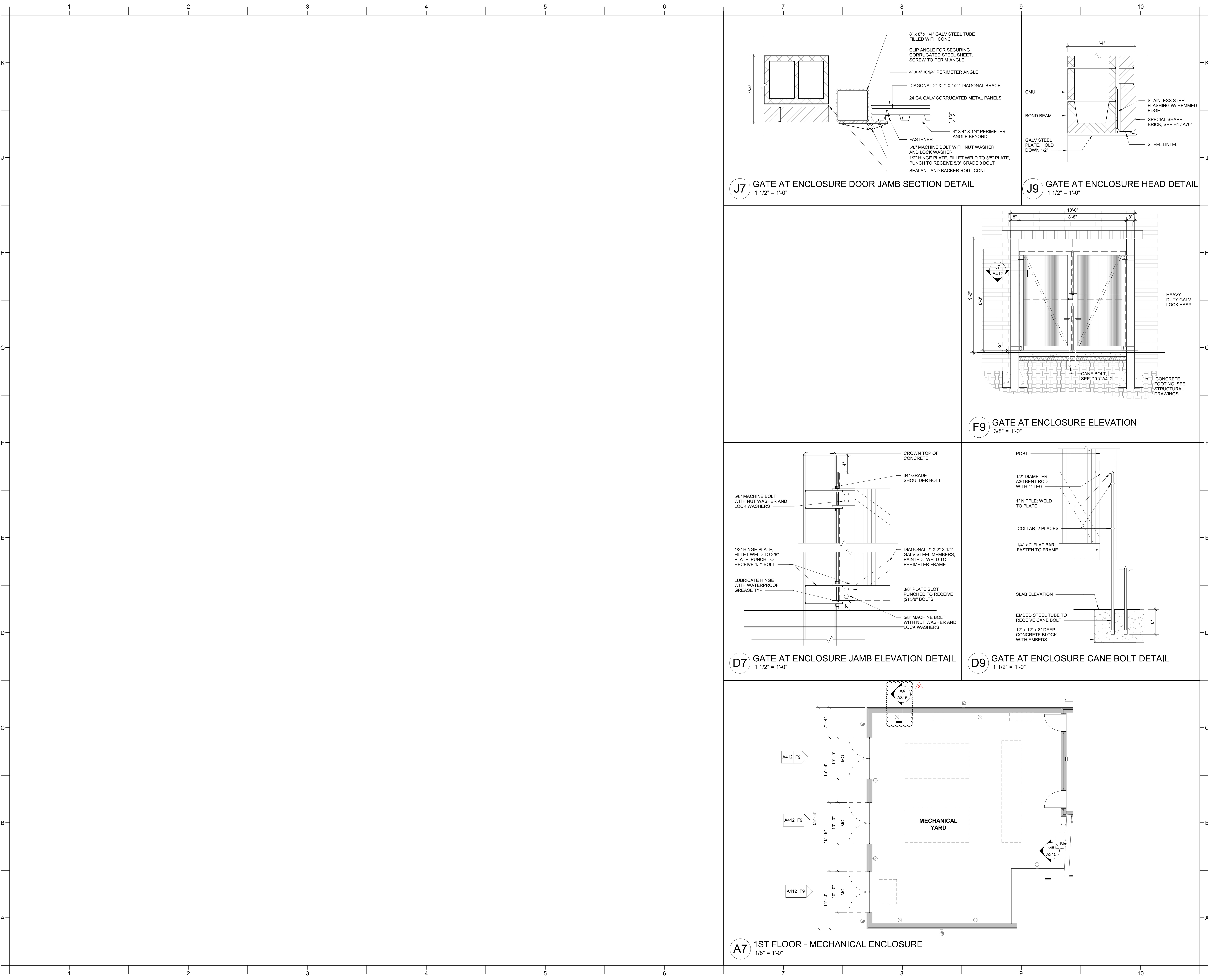
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: VK
Plot Date: 2/10/2025 6:30:52 PM

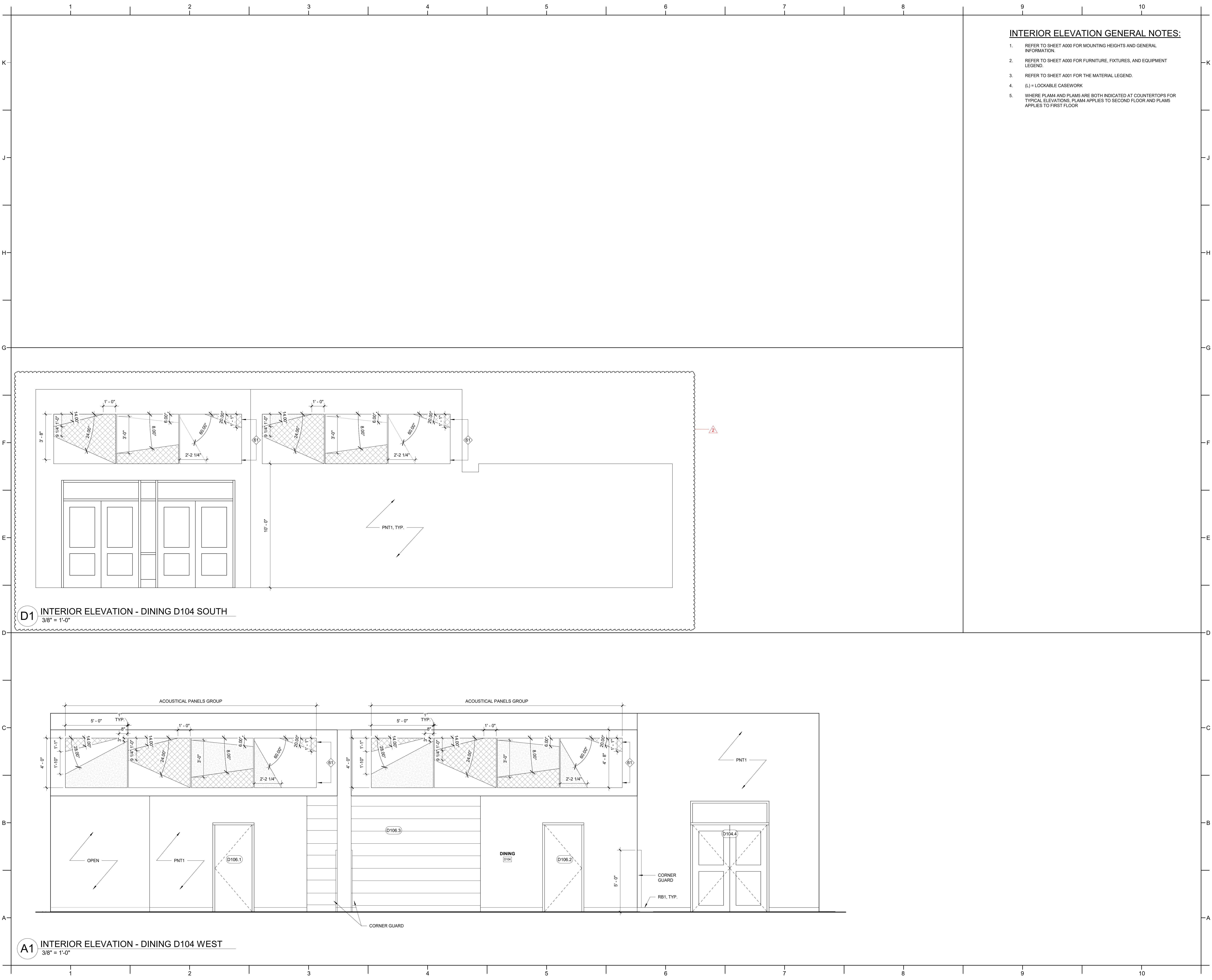
BID DOCUMENTS
01/10/2025

ENLARGED PLANS -
CANOPY

A9 CANOPY COLUMN
1 1/2" = 1'-0"







INTERIOR ELEVATION GENERAL NOTES:

- REFER TO SHEET A000 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION.
- REFER TO SHEET A000 FOR FURNITURE, FIXTURES, AND EQUIPMENT LEGEND.
- REFER TO SHEET A001 FOR THE MATERIAL LEGEND.
- (L) = LOCKABLE CASEWORK
- WHERE PLAM4 AND PLAM5 ARE BOTH INDICATED AT COUNTERTOPS FOR TYPICAL ELEVATIONS, PLAM4 APPLIES TO SECOND FLOOR AND PLAM5 APPLIES TO FIRST FLOOR

DAVIS KANE
ARCHITECTS, P.A.

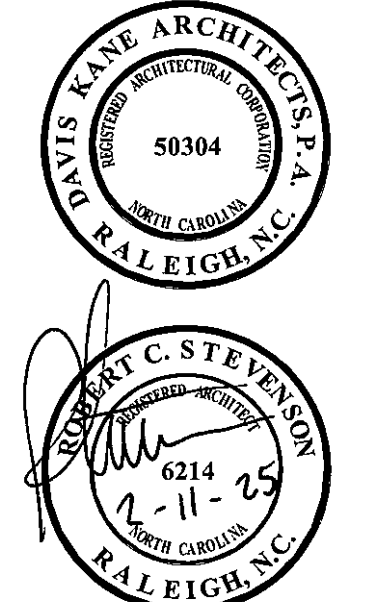
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.davis-kane.com

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

| | | |
|---|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: HM
Plot Date: 2/10/2025 6:31:23 PM

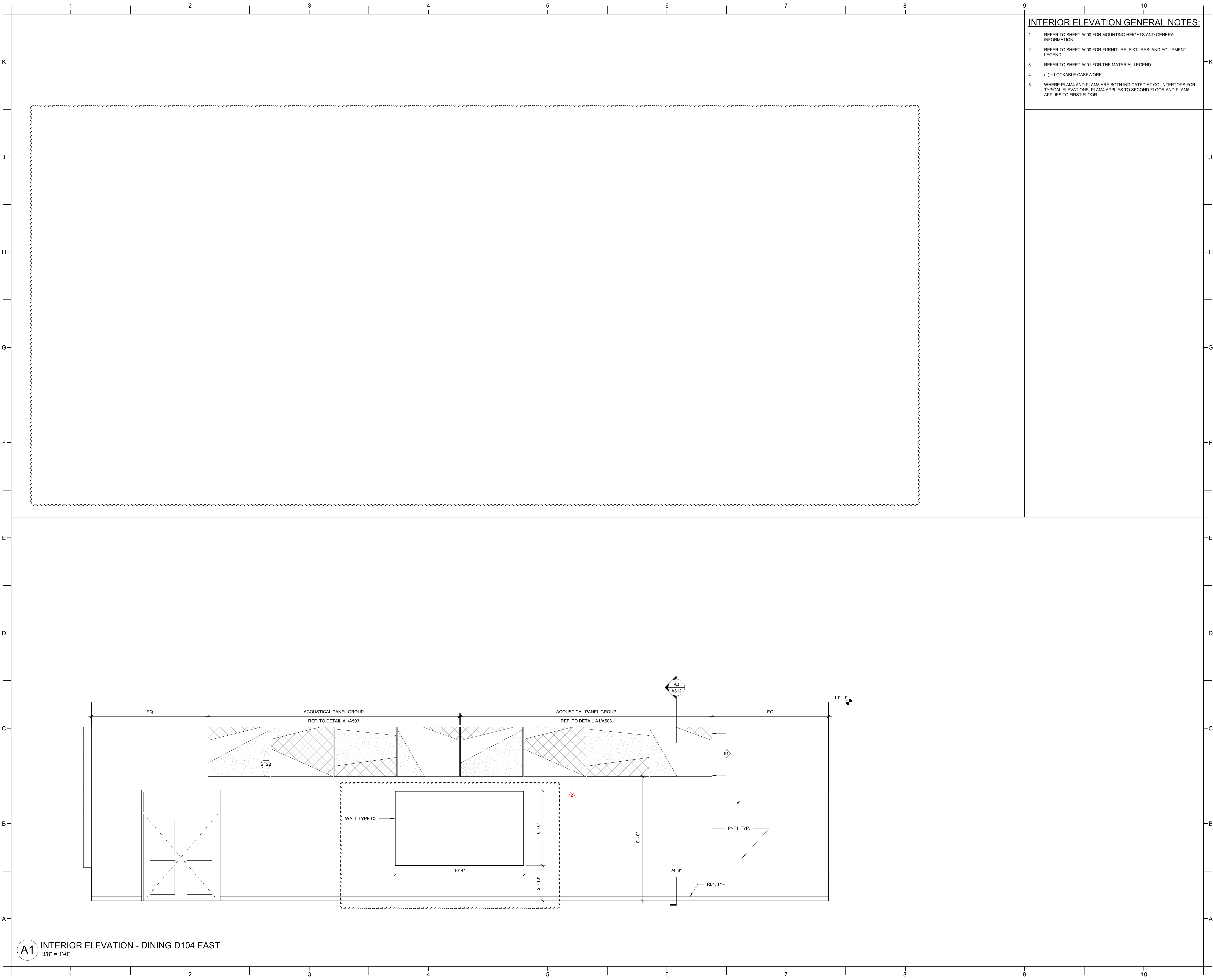
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

INTERIOR
ELEVATIONS -
DINING

A503



INTERIOR ELEVATION GENERAL NOTES:

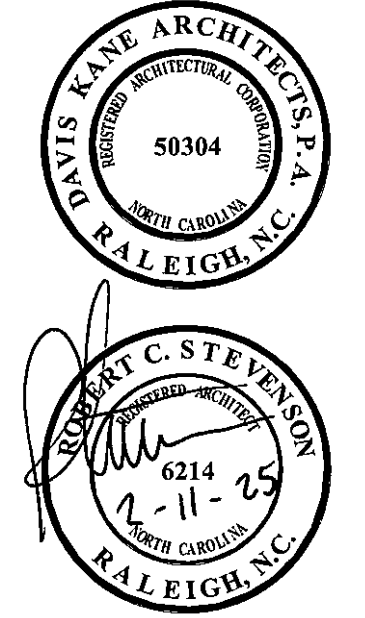
1. REFER TO SHEET A000 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION.
2. REFER TO SHEET A000 FOR FURNITURE, FIXTURES, AND EQUIPMENT LEGEND.
3. REFER TO SHEET A001 FOR THE MATERIAL LEGEND.
4. (L) = LOCKABLE CASEWORK
5. WHERE PLAM4 AND PLAM5 ARE BOTH INDICATED AT COUNTERTOPS FOR TYPICAL ELEVATIONS, PLAM4 APPLIES TO SECOND FLOOR AND PLAM5 APPLIES TO FIRST FLOOR



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

- | | | |
|---|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: HM
Plot Date: 2/10/2025 6:31:27 PM

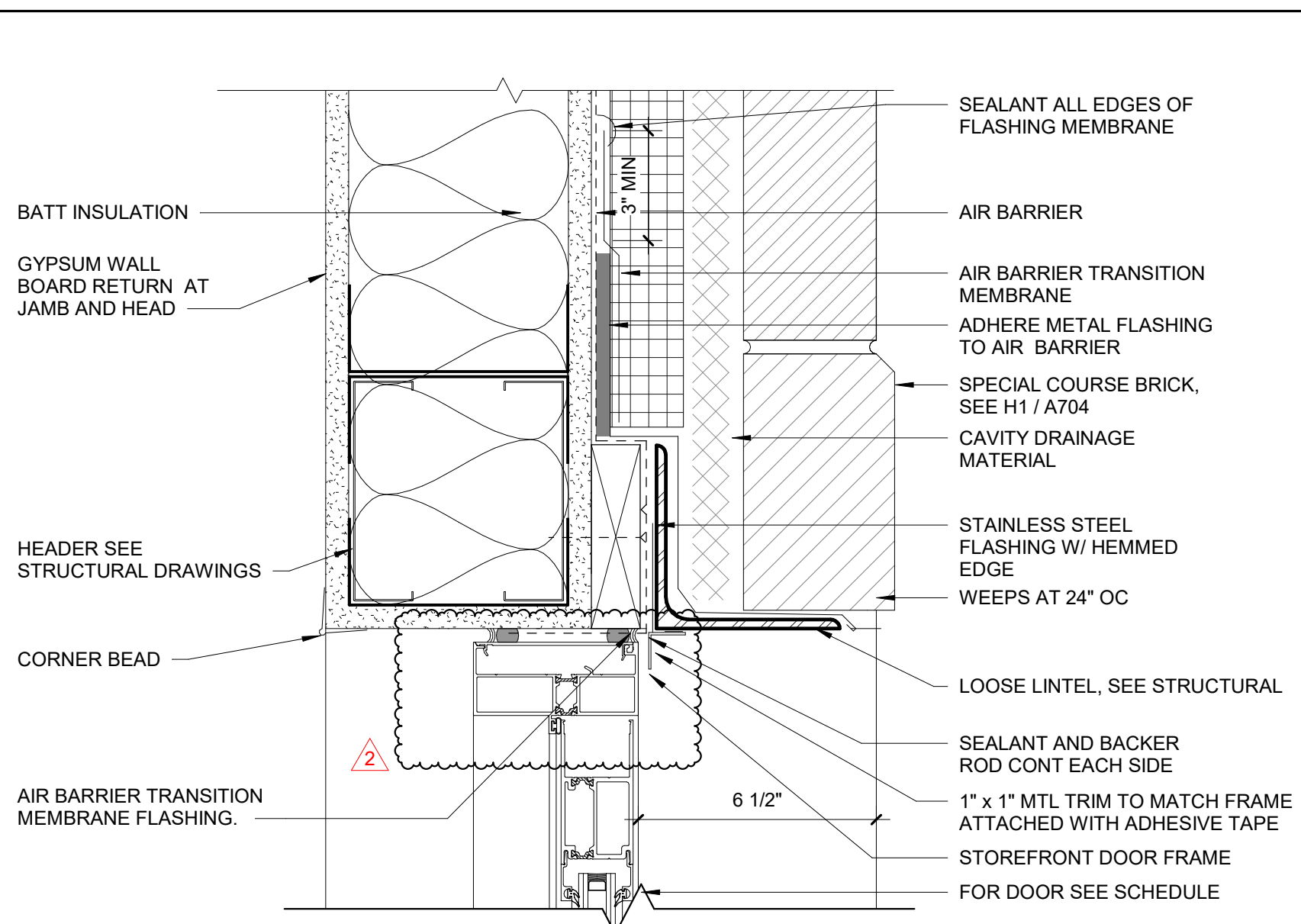
DATE ISSUED

BID DOCUMENTS
01/10/2025

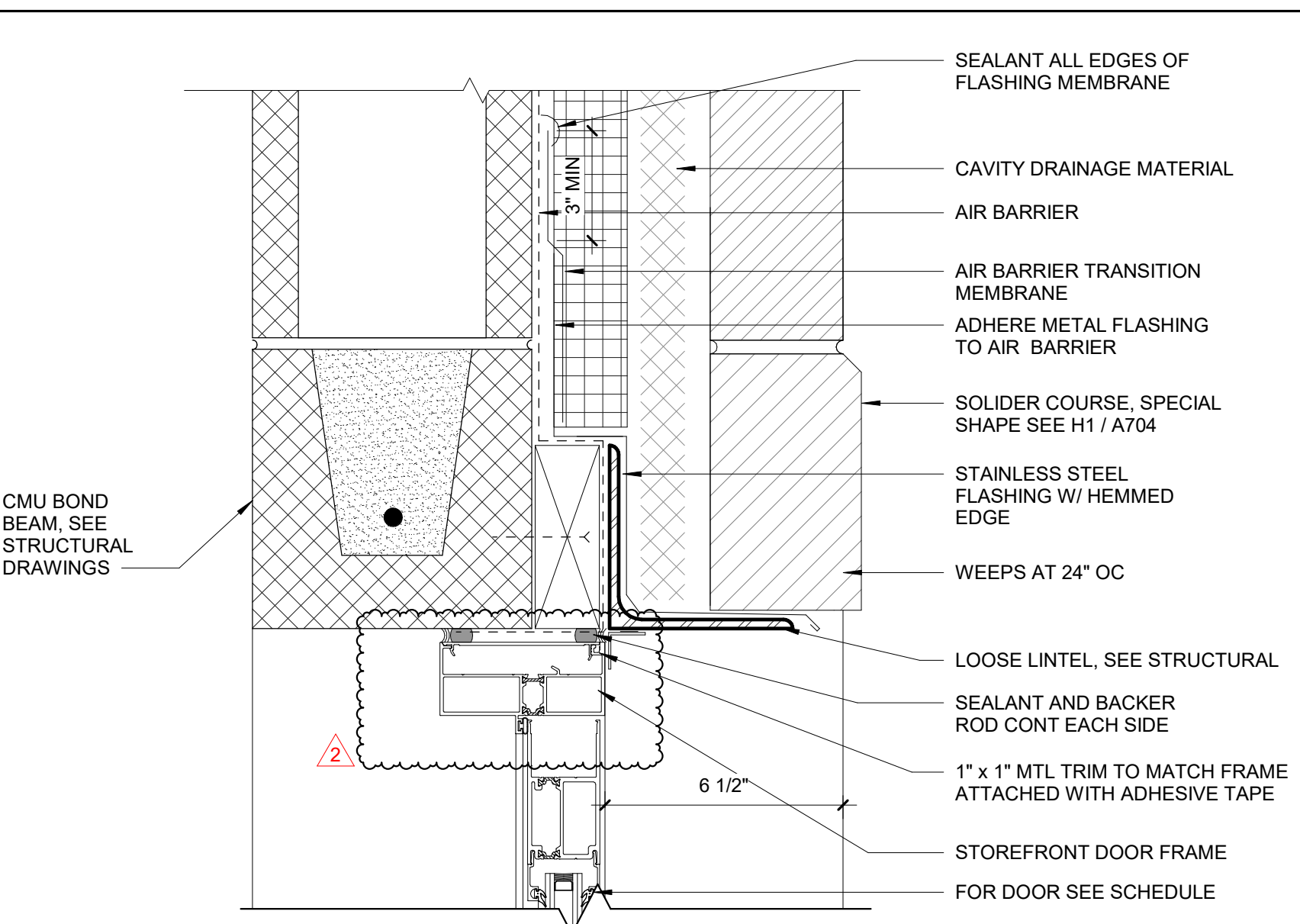
SHEET TITLE
INTERIOR
ELEVATIONS -
DINING

A504

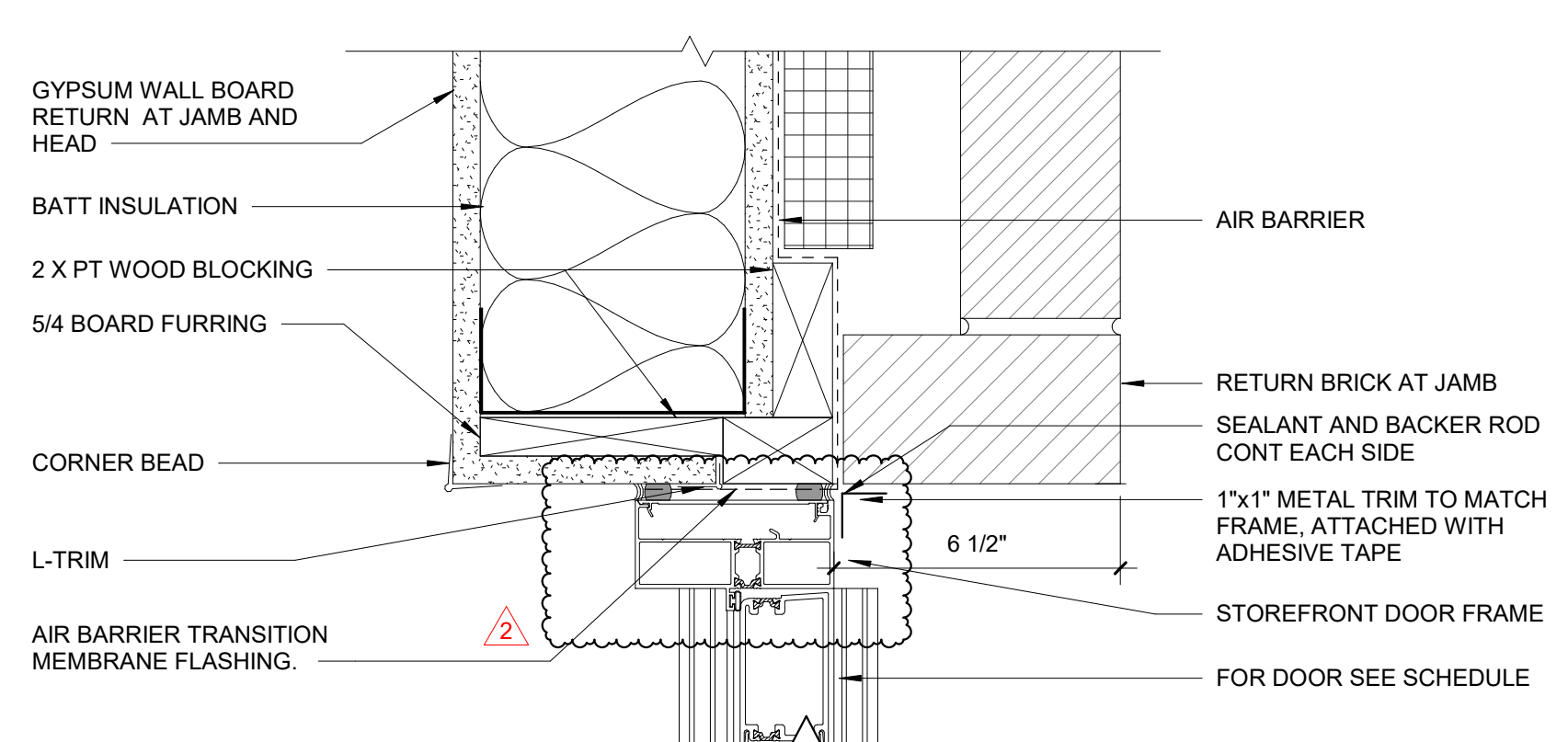
| DOOR SCHEDULE | | | | | | | | | | | | | |
|---------------|----------|-----------|--------|-------------|----------|----------|----------|----------------|----------|-------------|----------|-----------|----------------------------------------------|
| DOOR NUMBER | TYPE | WIDTH | HEIGHT | THICKNESS | MATERIAL | FINISH | TYPE | FRAME MATERIAL | FINISH | FIRE RATING | HARDWARE | SIGN TYPE | COMMENTS |
| A100A | C | (2) 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | PNT | II | HM | PNT | 90 MIN | I24 | H | CARD READER, BASE BID OR BID ALT 01 |
| A101 | A | 3'-0" | 7'-0" | 0'-1 3/4" | HM | STAIN | I | HM | PNT | | I11 | A | |
| A102 | A | 3'-0" | 7'-0" | 0'-1 3/4" | HM | FACT | III | ALUM | FACT | | E7 | E | LOUVER GLAZED INTO TRANSOM |
| A103 | A | 3'-0" | 7'-0" | 0'-1 3/4" | HM | STAIN | I | HM | PNT | | I11 | A | |
| A104 | A | 3'-0" | 7'-0" | 0'-1 3/4" | HM | FACT | III | ALUM | FACT | | E8 | E, N | LOUVER GLAZED INTO TRANSOM |
| A105 | A | 3'-6" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I9 | T | |
| A106 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I7 | A | |
| A108.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A108.2 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A108.3 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I15 | A | |
| A109 | A | 2'-6" | 7'-0" | 0'-1 3/4" | HM | STAIN | II | HM | PNT | | I11 | A | |
| A110 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A112 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A113.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A113.2 | D | 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E6 | A, B | *SEE STOREFRONT ELEVATIONS |
| A113A | A | 3'-6" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I8 | T | |
| A114 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A115 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A115A | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I15 | A | |
| A116 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A117 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A201.1 | A | (2) 3'-0" | 7'-0" | 0'-1 3/4" | HM | PNT | II | HM | PNT | 90 MIN | I31 | E | |
| A201.2 | A | (2) 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I17 | A | |
| A202 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I7 | A | |
| A202A | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I9 | T | |
| A204.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | II | HM | PNT | | I15 | A | |
| A204.2 | C | 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | II | HM | PNT | | I15 | A | |
| A205 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I11 | A | |
| A206 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A208 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A209.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A209.2 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A209.3 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I15 | A | |
| A210 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A211 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I9 | T | |
| A212 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A213.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A213.2 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| A213.3 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I13 | A | |
| A215 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| B100 | EXISTING | 3'-0" | 6'-11" | 0'-1 3/4" | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | | E10 | | EXISTING TO REMAIN |
| C100A | D | 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E6 | B | *SEE STOREFRONT ELEVATIONS |
| C101.1 | D | 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | I4 | A | *SEE STOREFRONT ELEVATIONS |
| C101.2 | D | 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | I4 | A | CARD READER, *SEE STOREFRONT ELEVATIONS |
| C101.3 | B | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I20 | A | |
| C102.1 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E1 | B | CARD READER, *SEE STOREFRONT ELEVATIONS |
| C102.2 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | I1 | | CARD READER, *SEE STOREFRONT ELEVATIONS |
| C102.3 | C | 3'-0" | 6'-11" | 0'-1 3/4" | - | - | - | - | - | | | | EXISTING TO REMAIN |
| C103.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I13 | A | |
| C103.2 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I7 | A | |
| C104.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I16 | A | KERFED FRAME |
| C104.2 | D | 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E6 | A, B | *SEE STOREFRONT ELEVATIONS |
| C104.3 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I13 | A | |
| C104A | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I13 | A | |
| C105 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I6 | F | |
| C106.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I16 | A | KERFED FRAME |
| C106.2 | D | 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E6 | A, B | *SEE STOREFRONT ELEVATIONS |
| C106.3 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I13 | A | |
| C107 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I6 | F | |
| C108.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I15 | A | |
| C108.2 | D | 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E5 | A, B | CARD READER, *SEE STOREFRONT ELEVATIONS |
| C108A | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I12 | A | |
| C108B | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | 45 MIN | I23 | A | KERFED FRAME |
| C109 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I11 | E | DOOR TO SWING 180 DEGREES |
| C111 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I13 | A | |
| C113 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I6 | F | |
| C115.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I6 | E | |
| C115.2 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I8 | E | |
| C115A | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I9 | D | |
| C117 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I6 | F | |
| C119 | A | (2) 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I18 | A | KERFED FRAME |
| C121.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I6 | A | |
| C121.2 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I6 | A | |
| C123.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I7 | A | |
| C123.2 | C | 3'-6" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I7 | A | |
| C125 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I9 | D | |
| C127 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I9 | D | |
| C129.1 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | I21 | E | *SEE STOREFRONT ELEVATIONS |
| C129.2 | D | 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E6 | A, B | *SEE STOREFRONT ELEVATIONS |
| C129A | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I13 | A | |
| C131.1 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I13 | A | |
| C131.2 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I7 | A | |
| C133.1 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I13 | A | |
| C133.2 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I7 | A | |
| C200 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | PAINT | II | HM | PNT | | | | |
| D100.1 | C | (2) 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I22 | | |
| D100.2 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E2 | B | CARD READER, *SEE STOREFRONT ELEVATIONS |
| D101.1 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E3 | B | *SEE STOREFRONT ELEVATIONS |
| D101.2 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E1 | B | *SEE STOREFRONT ELEVATIONS |
| D101.3 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | I2 | | *SEE STOREFRONT ELEVATIONS |
| D101.4 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | I1 | | CARD READER, *SEE STOREFRONT ELEVATIONS |
| D103 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I5 | | |
| D103A | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I6 | A | |
| D103B | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I6 | A | |
| D103C | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I6 | A | |
| D103D | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | I | HM | PNT | | I12 | A | |
| D104.1 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | I19 | A | *SEE STOREFRONT ELEVATIONS |
| D104.2 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | I19 | A | *SEE STOREFRONT ELEVATIONS |
| D104.3 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E3 | B | *SEE STOREFRONT ELEVATIONS |
| D104.4 | D | (2) 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E2 | B | *SEE STOREFRONT ELEVATIONS |
| D104A | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I13 | A | |
| D106.1 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I25 | A | DOOR TO SWING 180 DEGREES, PROVIDE HOLD-OPEN |
| D106.2 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I25 | A | DOOR TO SWING 180 DEGREES, PROVIDE HOLD-OPEN |
| D106.3 | B | 14'-0" | 10'-8" | 0'-1 3/4" | - | - | - | - | - | | | | COILING GRILLE |
| D106.4 | D | 3'-0" | 7'-0" | 0'-1 3/4" | ALUM | FACT | * | ALUM | FACT | | E6 | B | CARD READER, *SEE STOREFRONT ELEVATIONS |
| D107 | A | 2'-0" | 7'-0" | 0'-1 3/4" | HM | PNT | II | HM | PNT | | I11 | A | |
| D108 | C | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I13 | A | |
| D110 | E | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I6 | F | |
| D112 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I7 | E | |
| D113 | A | (2) 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I14 | E | DOORS TO SWING 180 DEGREES |
| D114 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I7 | A | |
| D115.1 | A | 3'-0" | 7'-0" | 0'-1 3/4" | HM | FACT | II | ALUM | FACT | | E8 | E | |
| D115.2 | A | 4'-0" | 7'-0" | 0'-1 3/4" | HM | FACT | II | ALUM | FACT | | E8 | E | |
| D116 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I7 | A | |
| D116A | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I9 | D | |
| D118 | A | (2) 3'-0" | 7'-0" | 0'-1 3/4" | HM | FACT | II | ALUM | FACT | | E9 | B | CARD READER, PEEP HOLE |
| D120 | A | 3'-0" | 7'-0" | 0'-1 3/4" | WOOD | STAIN | II | HM | PNT | | I13 | A | |
| E101 | A | 3'-0" | 7'-0" | 0'-1 3/4" | HM | PNT | II | HM | PNT | | I11 | A | DOOR TO SWING 180 DEGREES |
| E102 | A | 3'-0" | 7'-0" | 0'-1 3/4" | HM | PNT | II | HM | PNT | | I11 | A | DOOR TO SWING 180 DEGREES |
| E103 | A | 3'-6" | 7'-0" | 0'-1 3/4" | HM | PNT | II | HM | PNT | | I14 | A | |
| E104 | A | 3'-0" | 7'-0" | 0'-1 3/4" | HM | PNT | II | HM | PNT | | I10 | D | |
| E105 | E | (2) 3'-0" | 7'-0" | 0'-1 3/4"</ | | | | | | | | | |



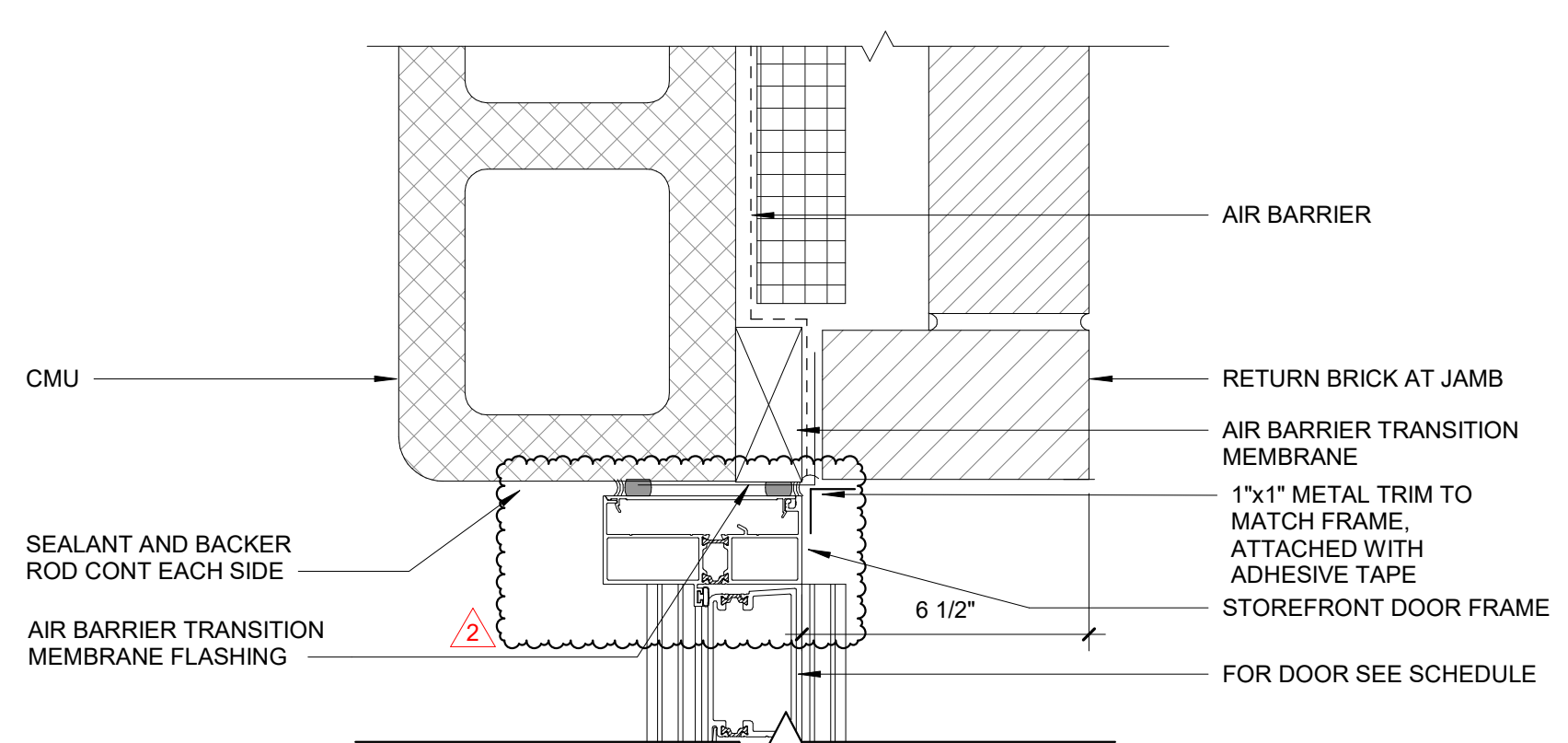
E1 STRFR EXTERIOR DOOR HEAD - TYP
3" = 1'-0"



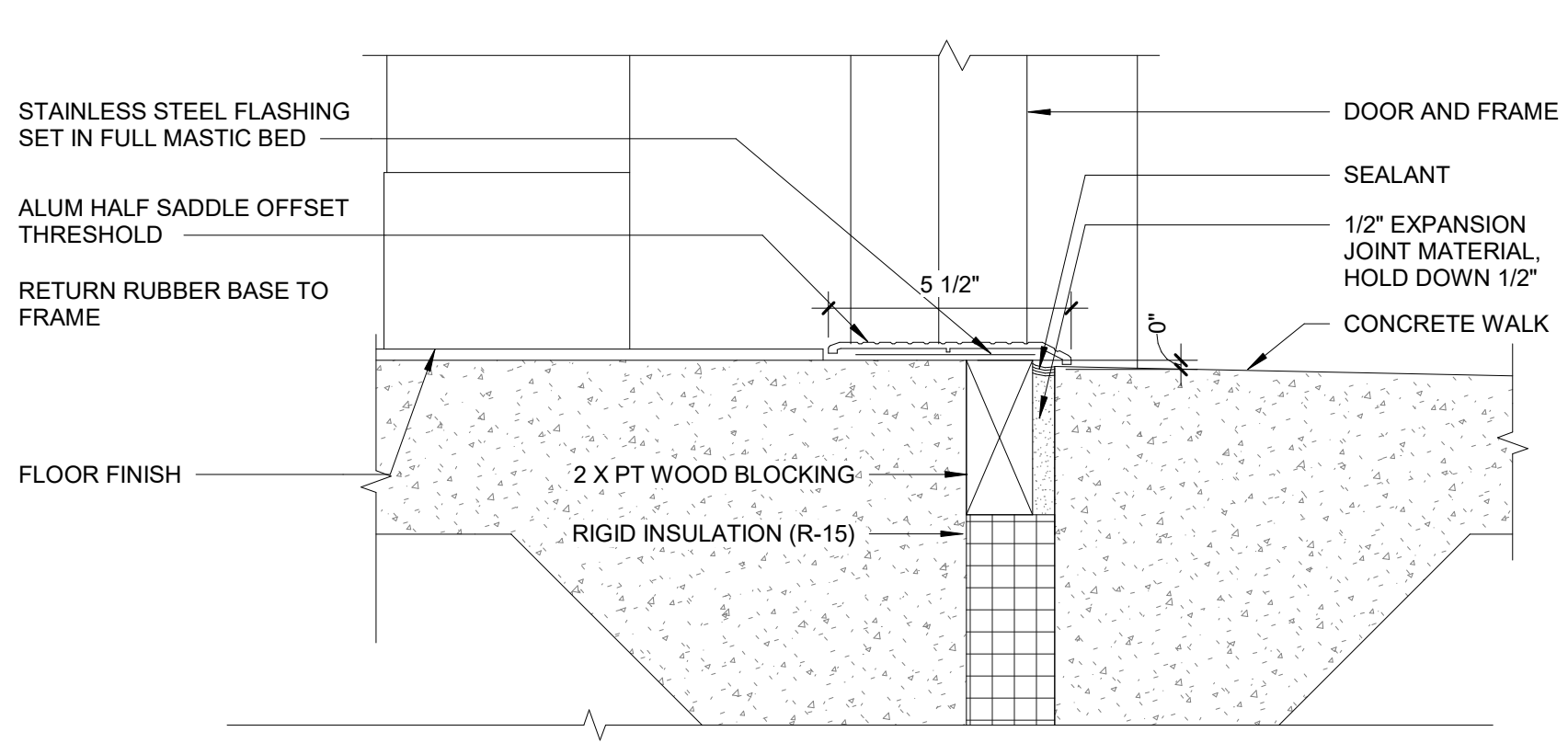
E3 STRFR EXTERIOR DOOR HEAD CMU - TYP
3" = 1'-0"



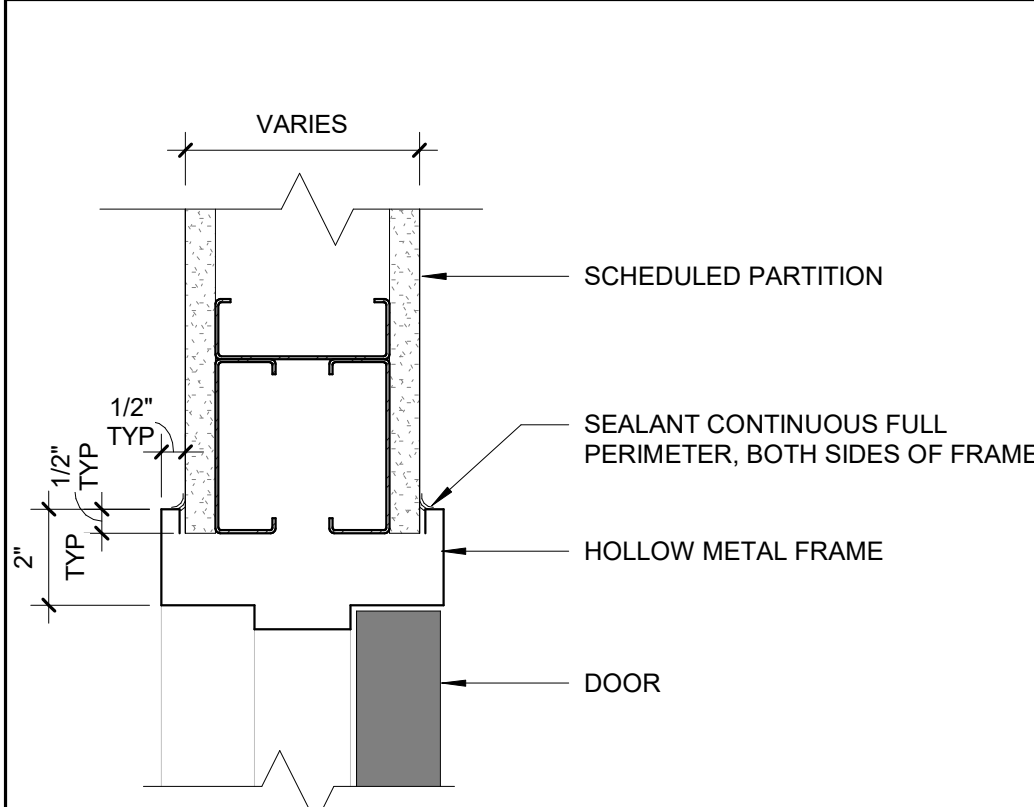
C1 STRFR EXTERIOR DOOR JAMB - TYP
3" = 1'-0"



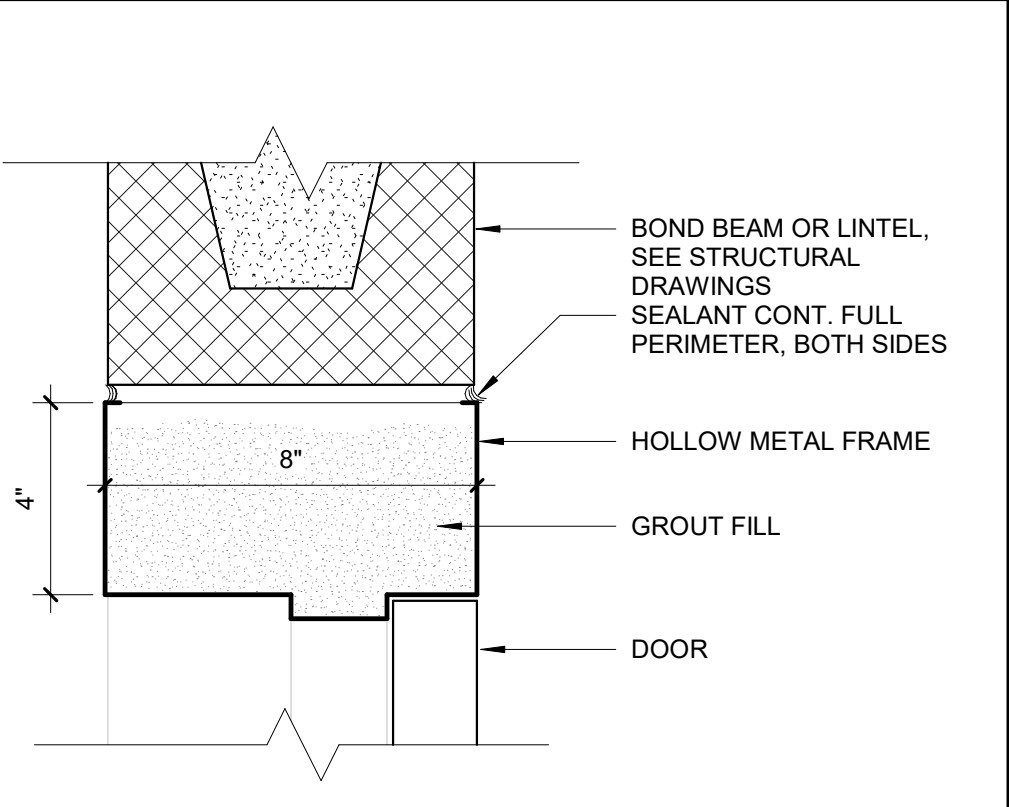
C3 STRFR EXTERIOR DOOR JAMB CMU - TYP
3" = 1'-0"



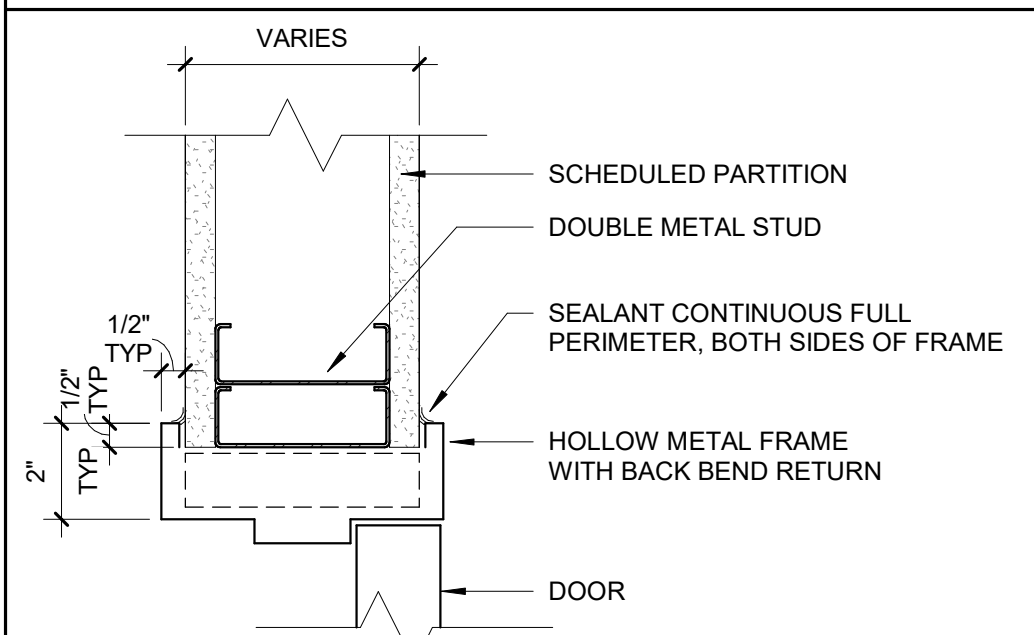
A1 EXTERIOR THRESHOLD
3" = 1'-0"



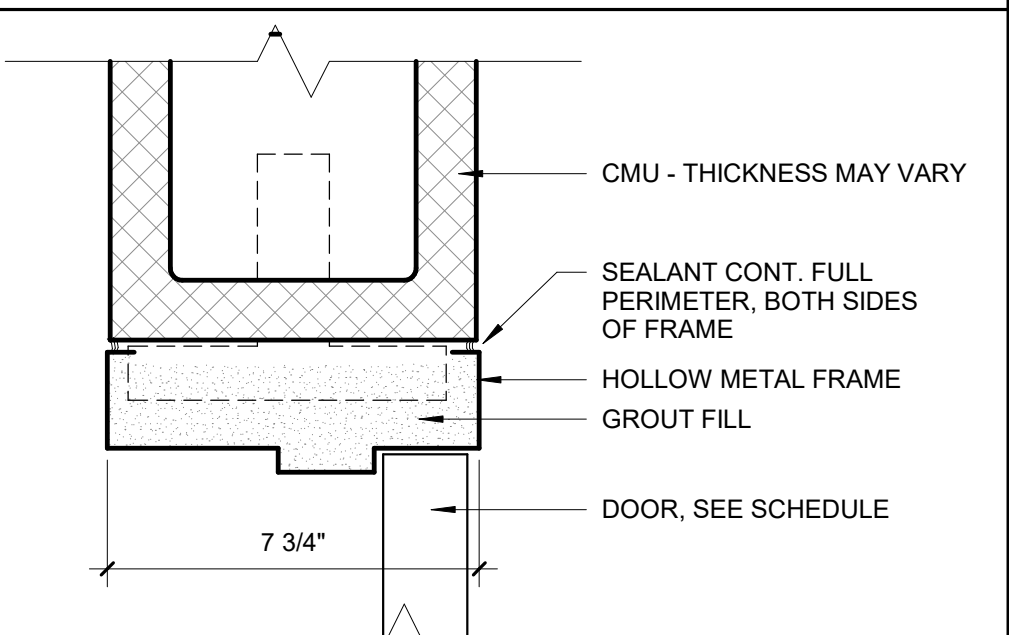
B6 TYP INT HM DOOR HEAD AT GWB
3" = 1'-0"



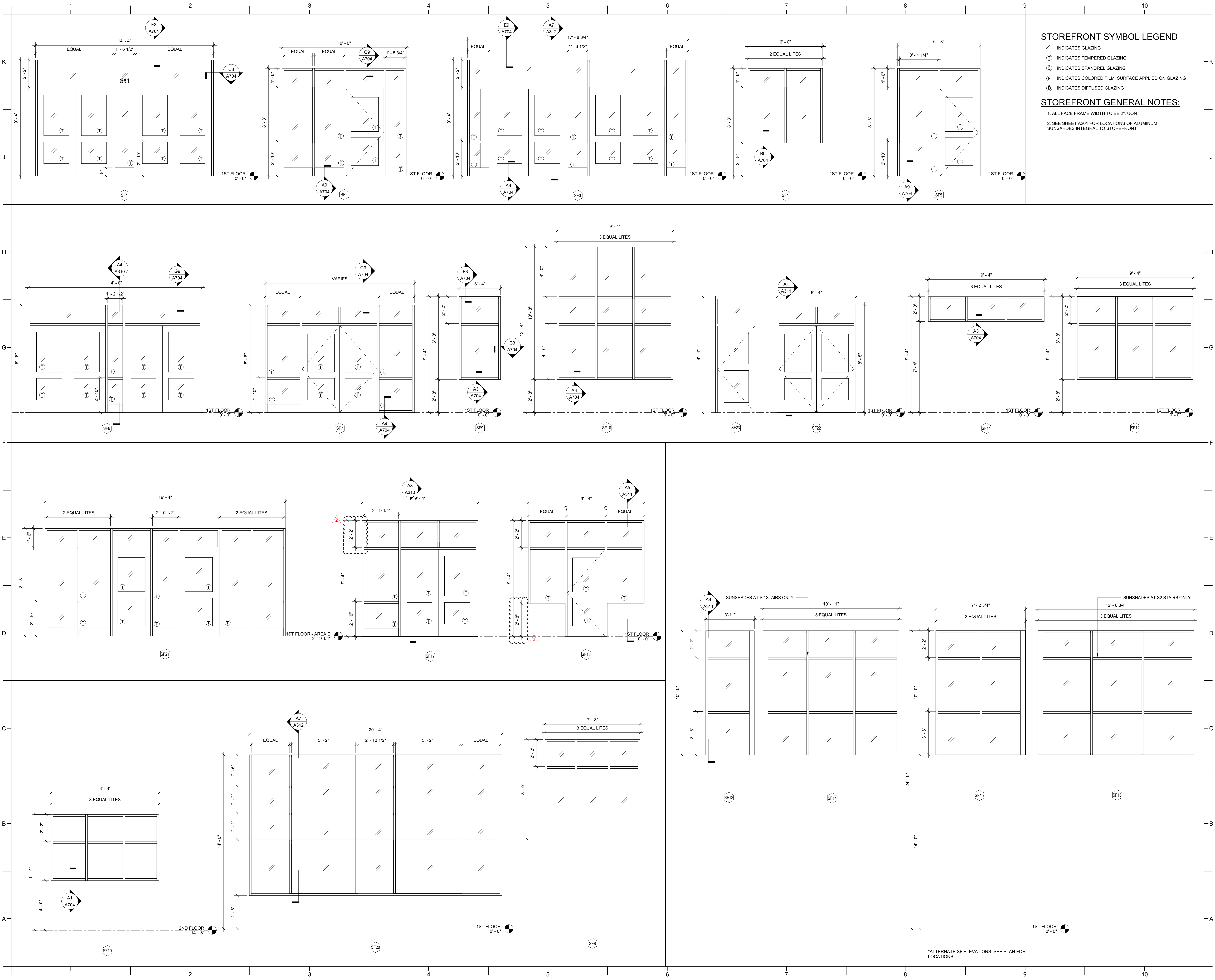
B7 TYP INT HM DOOR HEAD AT CMU
3" = 1'-0"



A6 TYP INT HM DOOR JAMB AT GWB
3" = 1'-0"



A7 TYP INT HM DOOR JAMB AT CMU
3" = 1'-0"



STOREFRONT SYMBOL LEGEND

- // INDICATES GLAZING
- T INDICATES TEMPERED GLAZING
- S INDICATES SPANDREL GLAZING
- F INDICATES COLORED FILM, SURFACE APPLIED ON GLAZING
- B INDICATES DIFFUSED GLAZING

STOREFRONT GENERAL NOTES:

1. ALL FACE FRAME WIDTH TO BE 2", UON
2. SEE SHEET A201 FOR LOCATIONS OF ALUMINUM SUNSHADES INTEGRAL TO STOREFRONT

PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1. ADDENDUM #1 2/3/2025

2. ADDENDUM #2 2/11/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2025 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: LMJ
Plot Date: 2/10/2025 6:32:17 PM

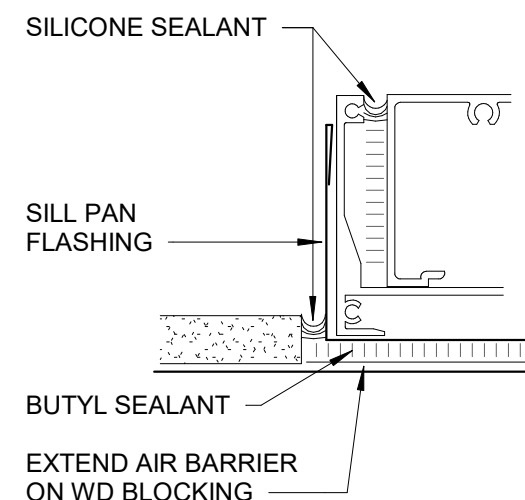
DATE ISSUED

BID DOCUMENTS
01/10/2025

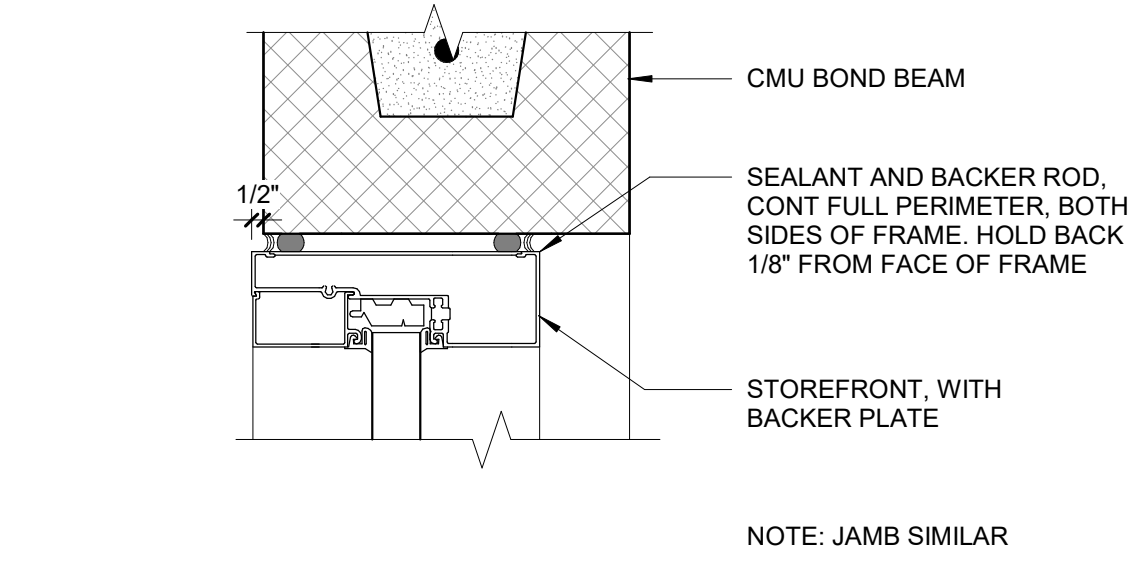
SHEET TITLE
STOREFRONT
ELEVATIONS

A703

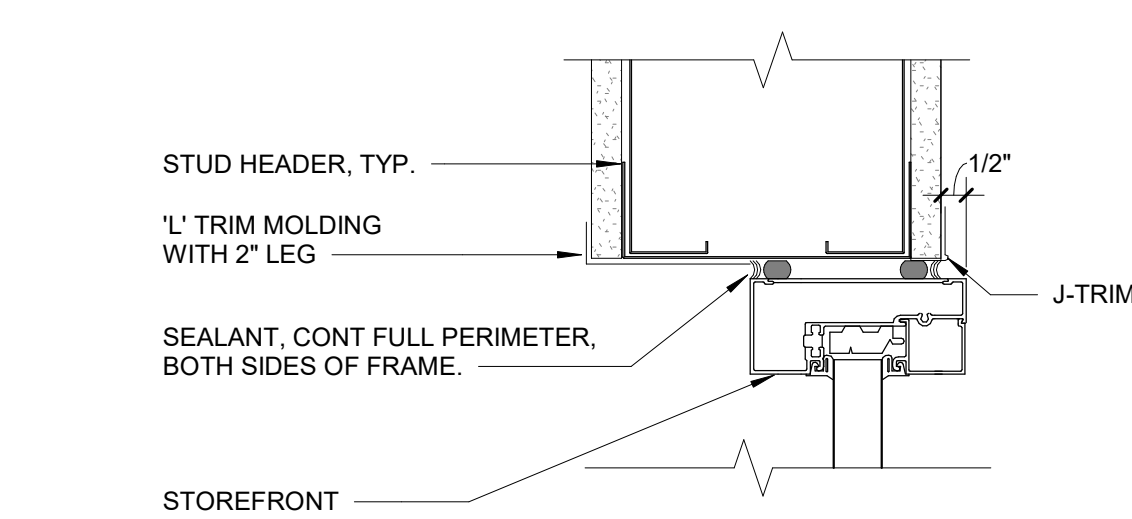
*ALTERNATE SF ELEVATIONS. SEE PLAN FOR LOCATIONS



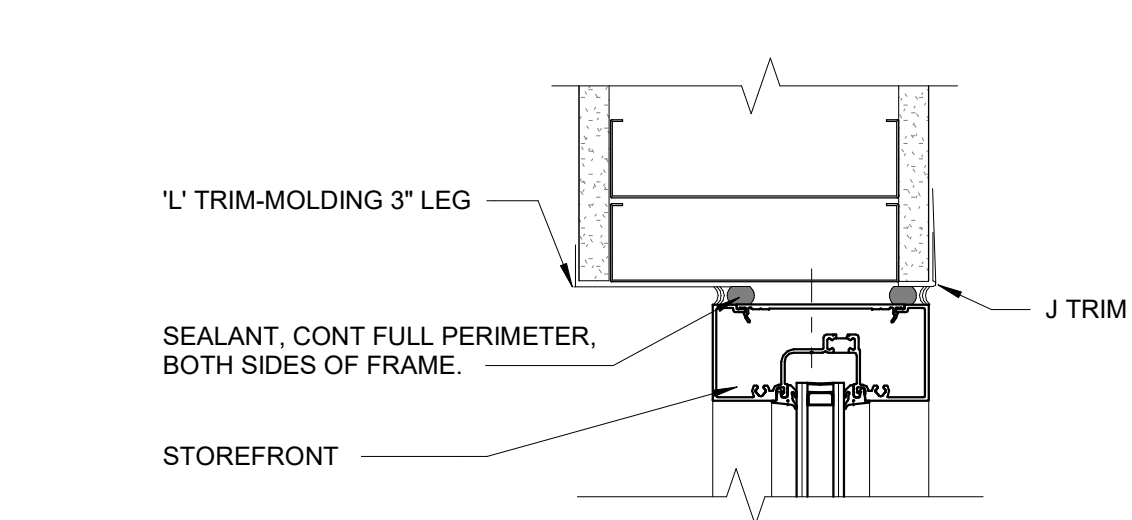
TYP STOREFRONT SEALANT DETAIL
6" = 1'-0"



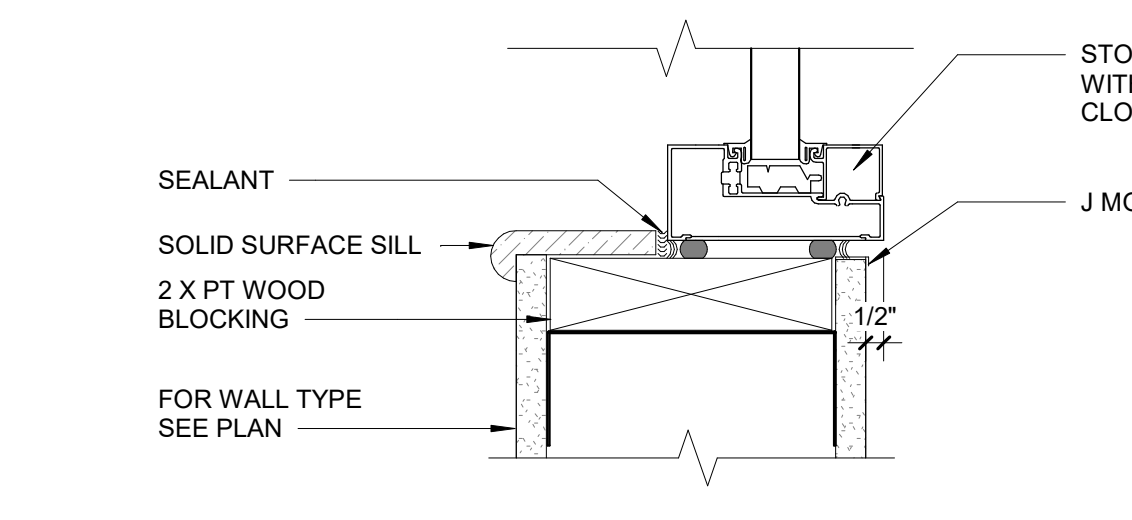
TYP INT STOREFRONT HEAD AT CMU
3" = 1'-0"



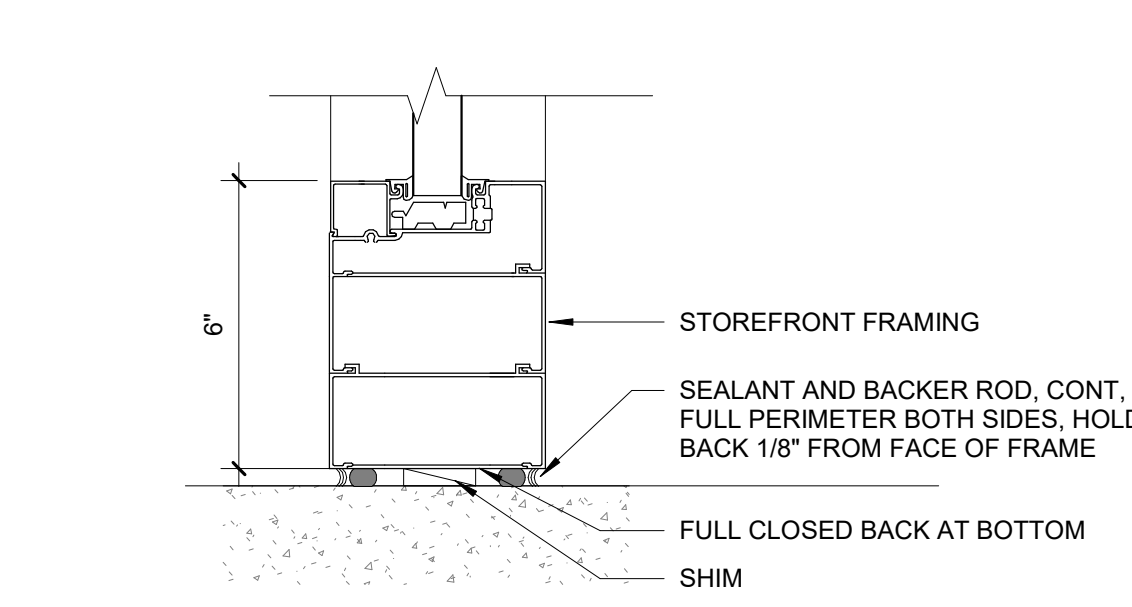
TYP INT STOREFRONT HEAD GWB
3" = 1'-0"



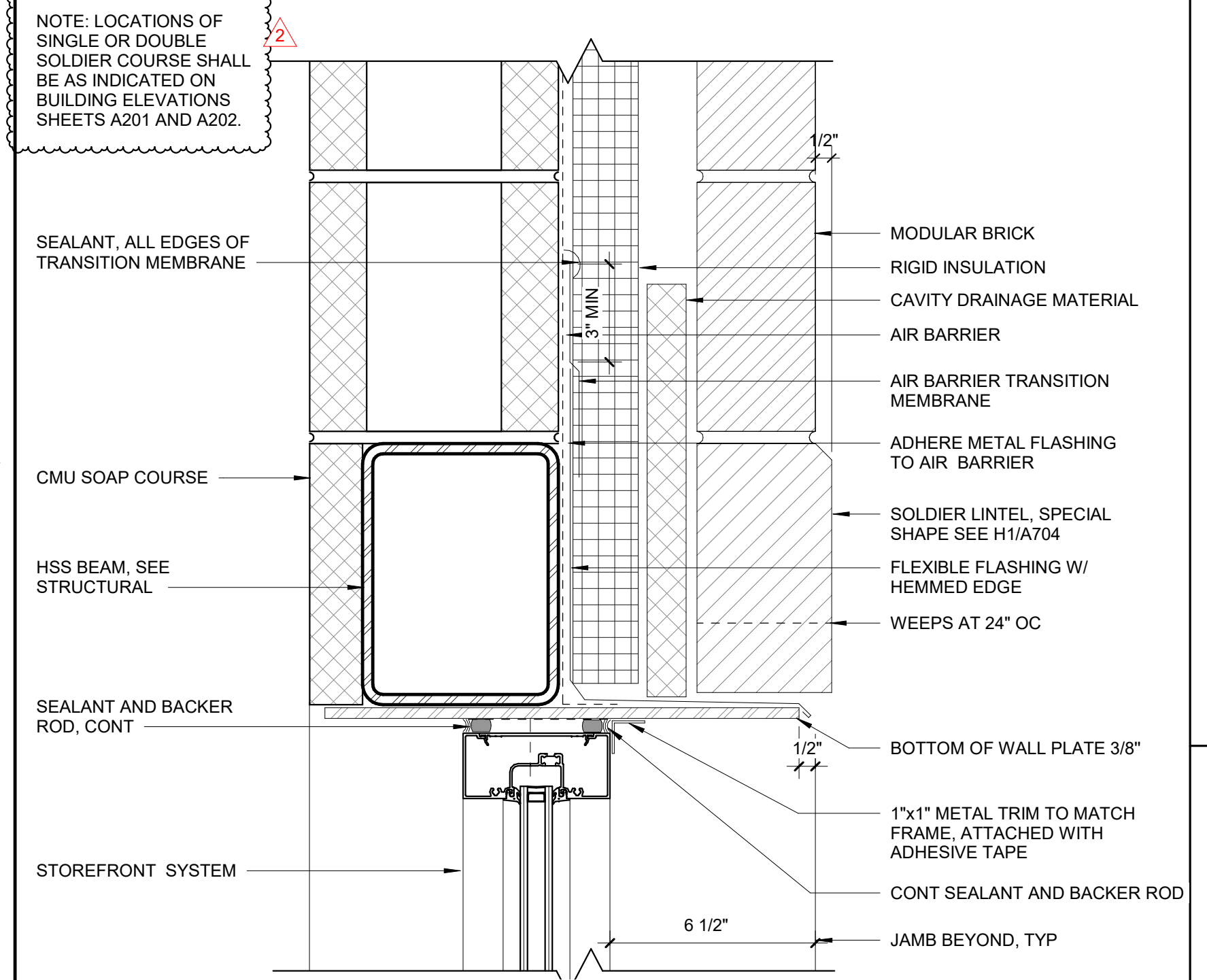
TYP INT STOREFRONT JAMB AT GWB
3" = 1'-0"



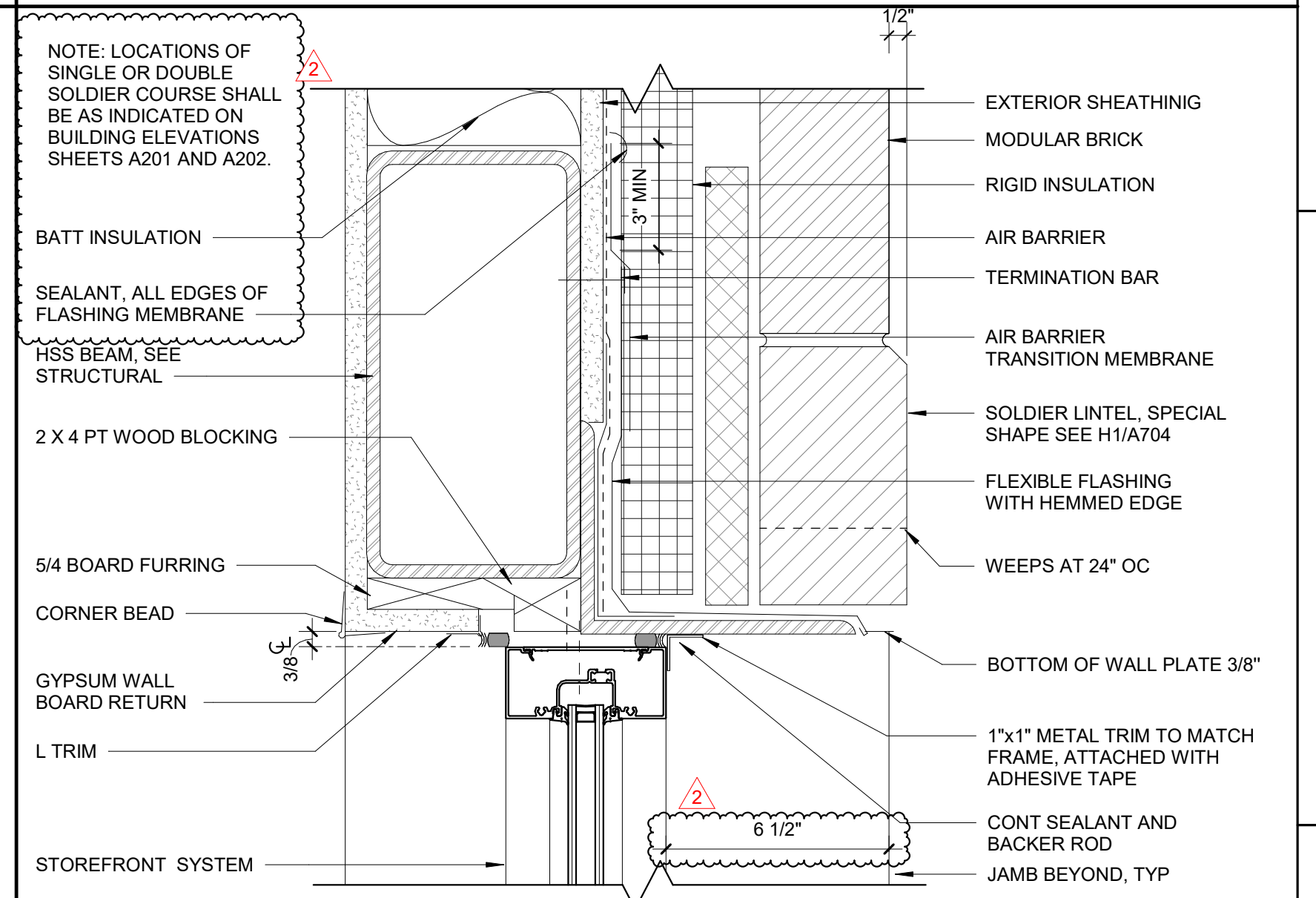
TYP INT STOREFRONT SILL AT WALL
3" = 1'-0"



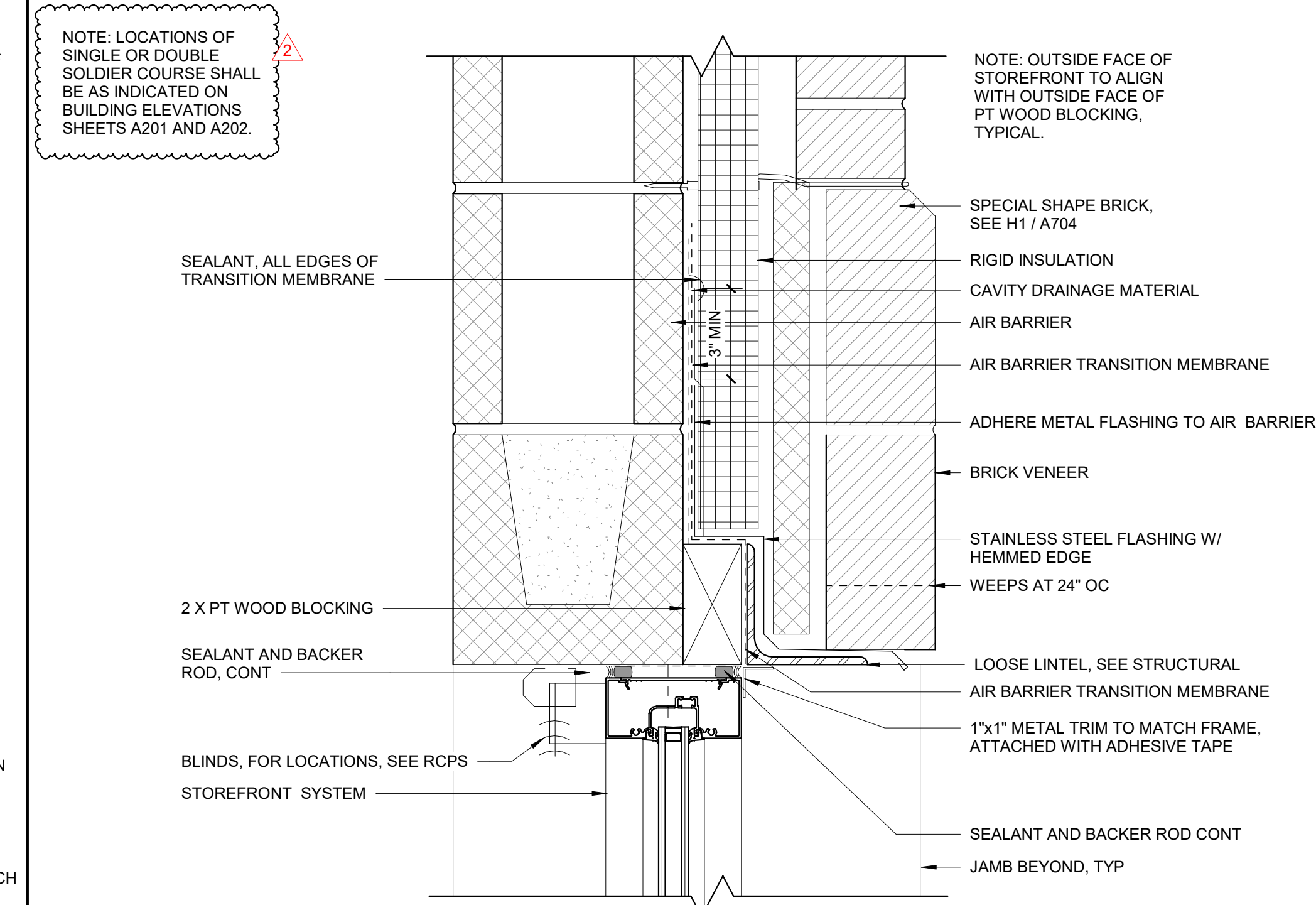
TYP INT STOREFRONT SILL AT FLOOR
3" = 1'-0"



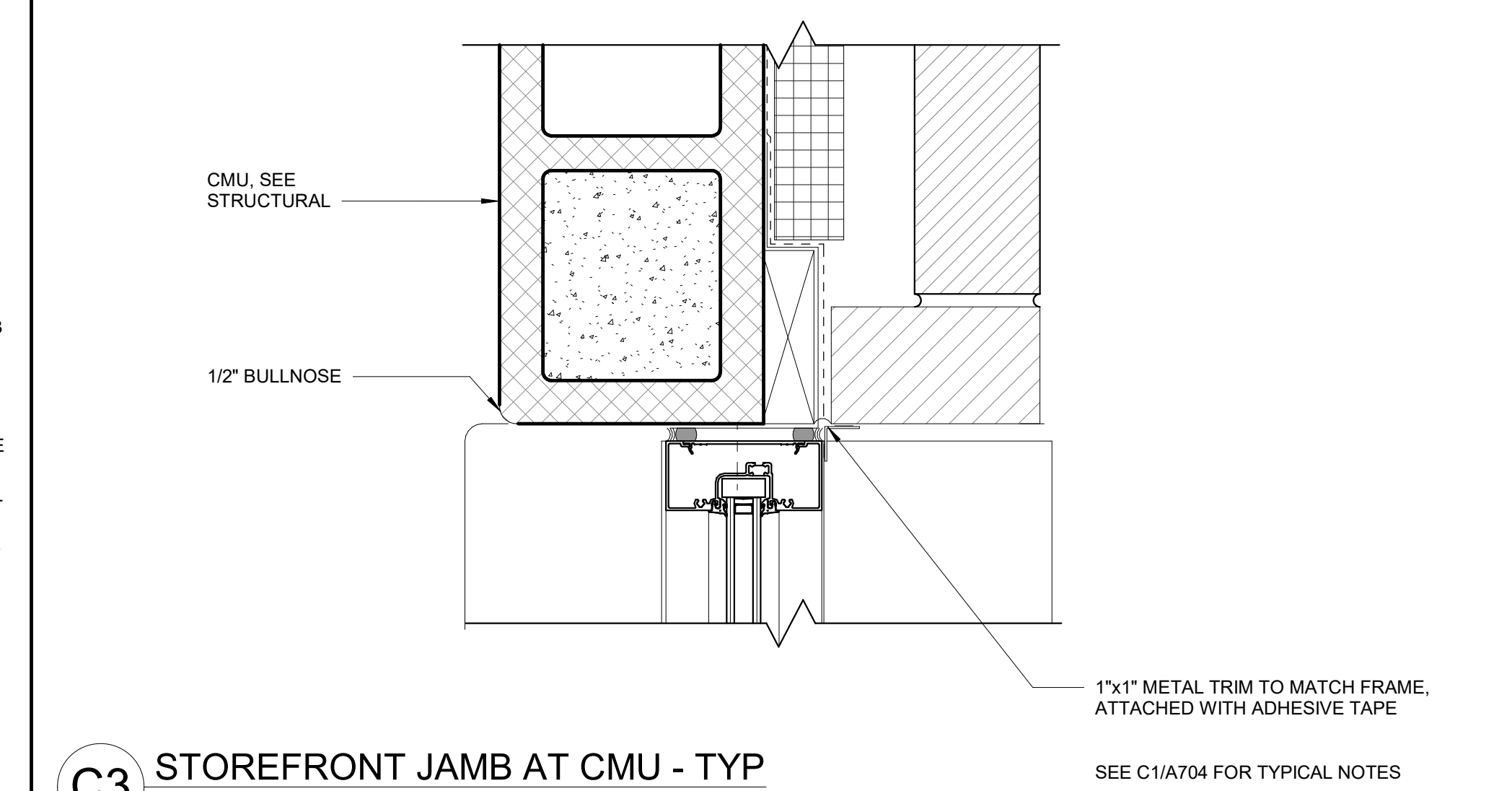
STOREFRONT HEAD AT HSS BEAM
3" = 1'-0"



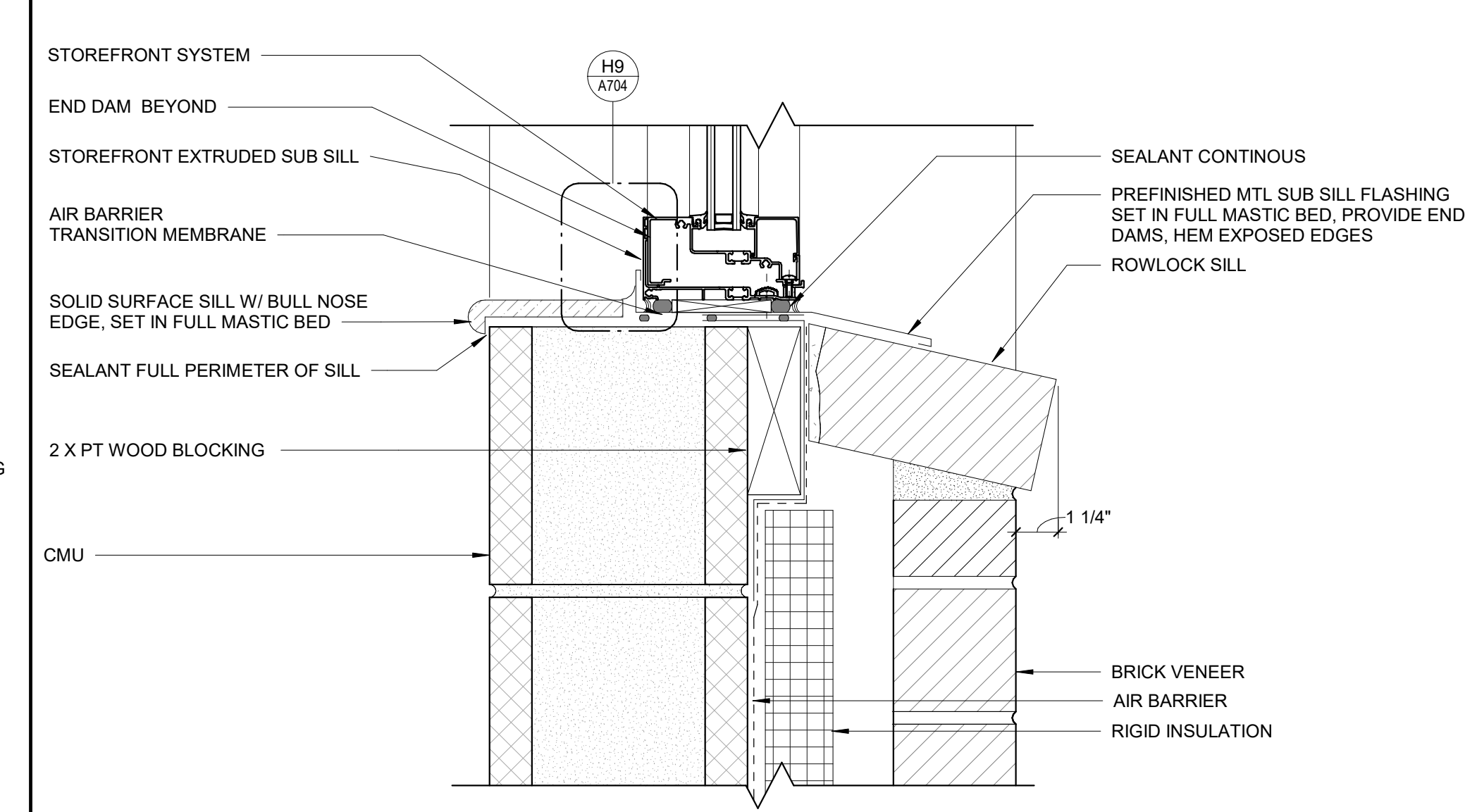
STOREFRONT HEAD AT HSS BEAM - TYP 2
3" = 1'-0"



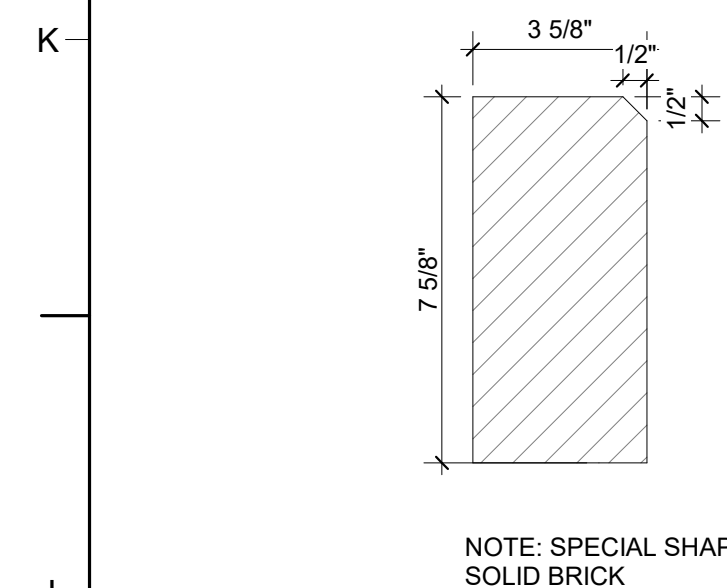
STOREFRONT HEAD AT CMU - TYP
3" = 1'-0"



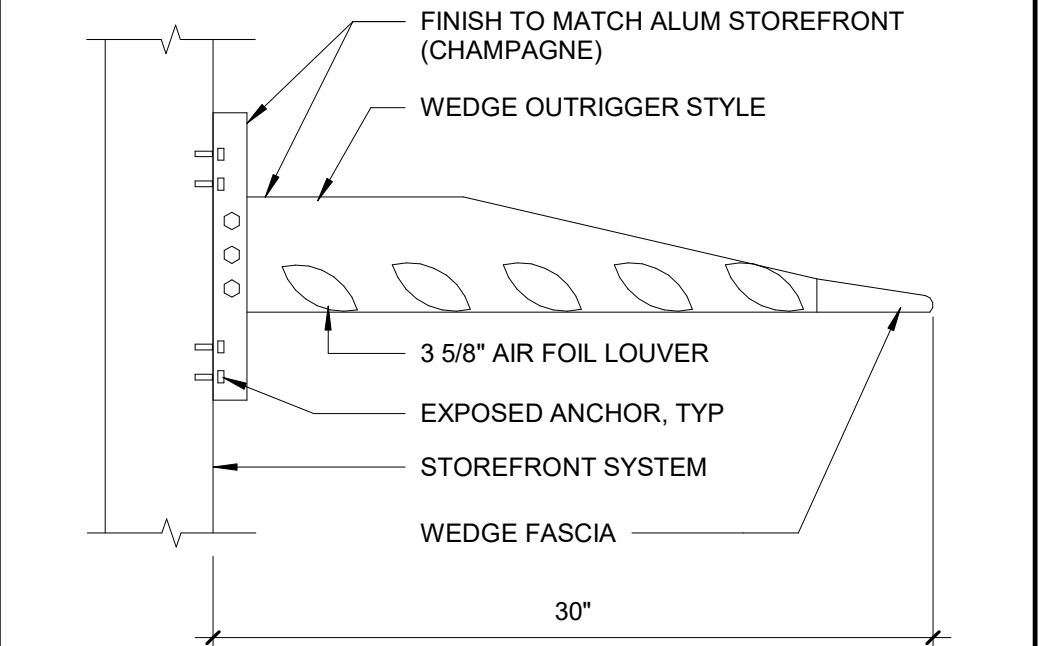
STOREFRONT JAMB AT CMU - TYP
3" = 1'-0"



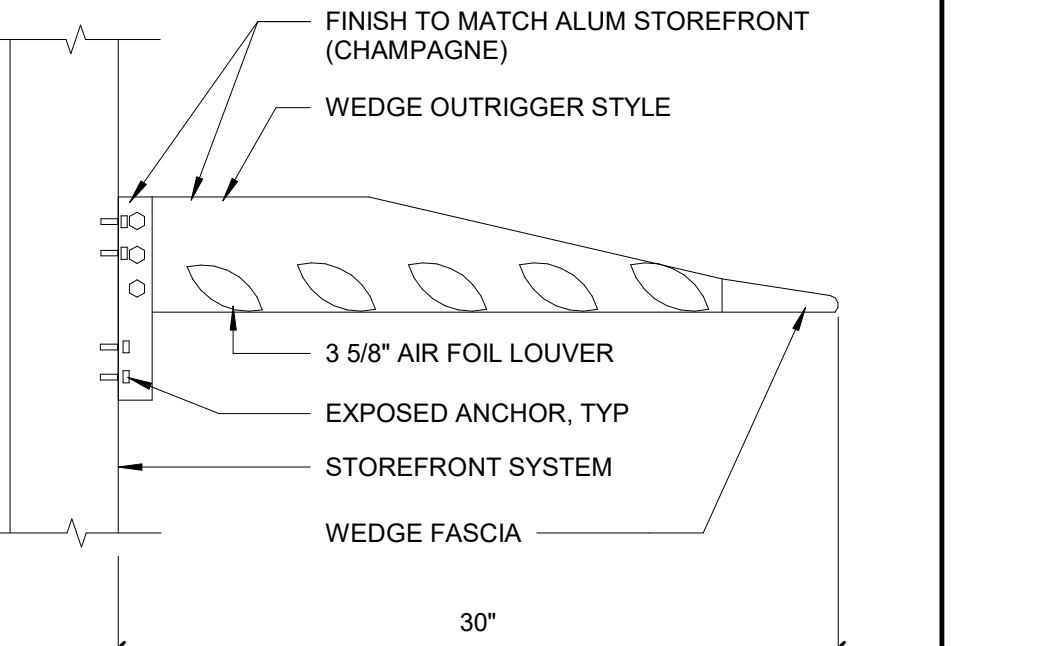
STOREFRONT SILL AT CMU - TYP
3" = 1'-0"



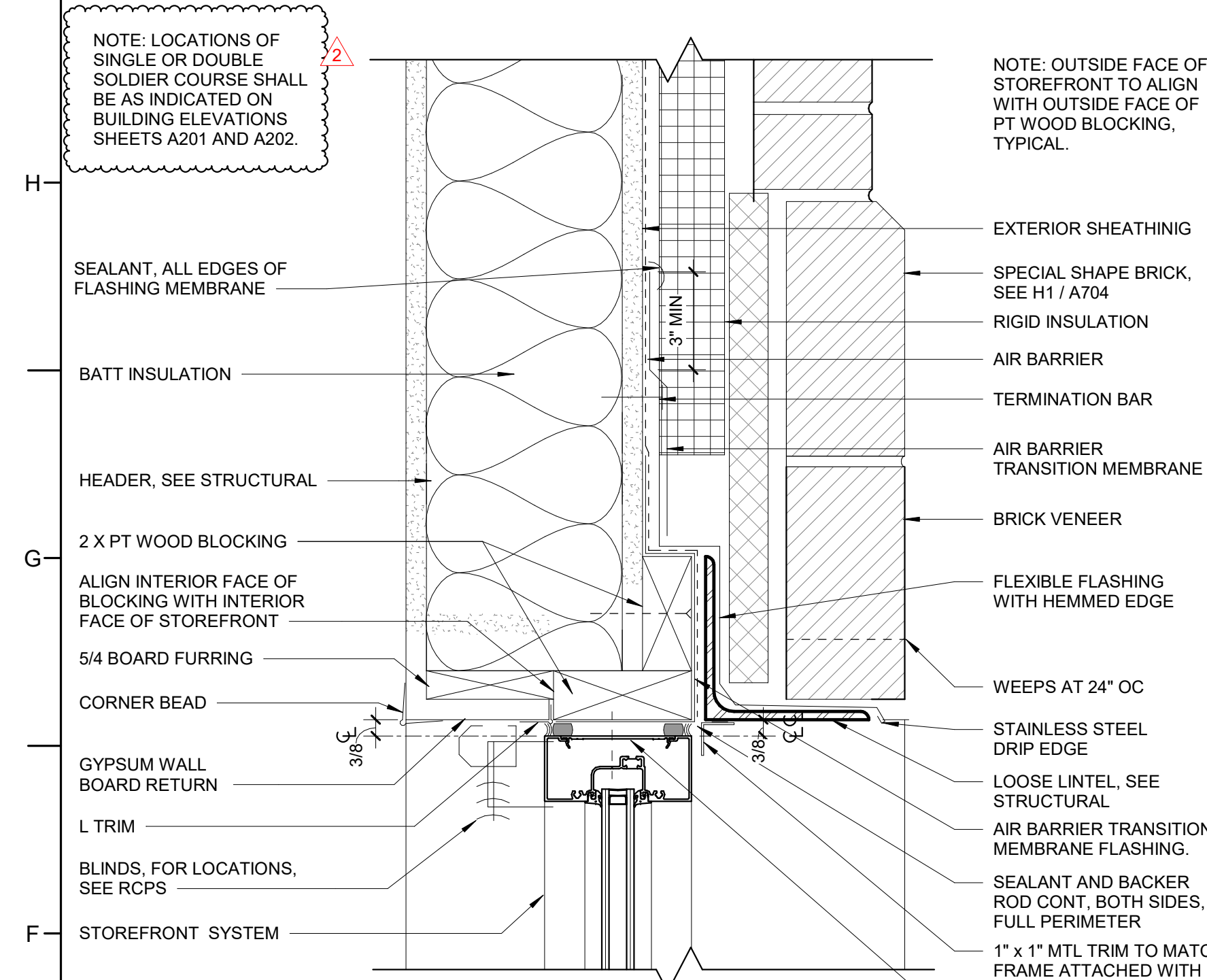
SPECIAL SHAPE BRICK
3" = 1'-0"



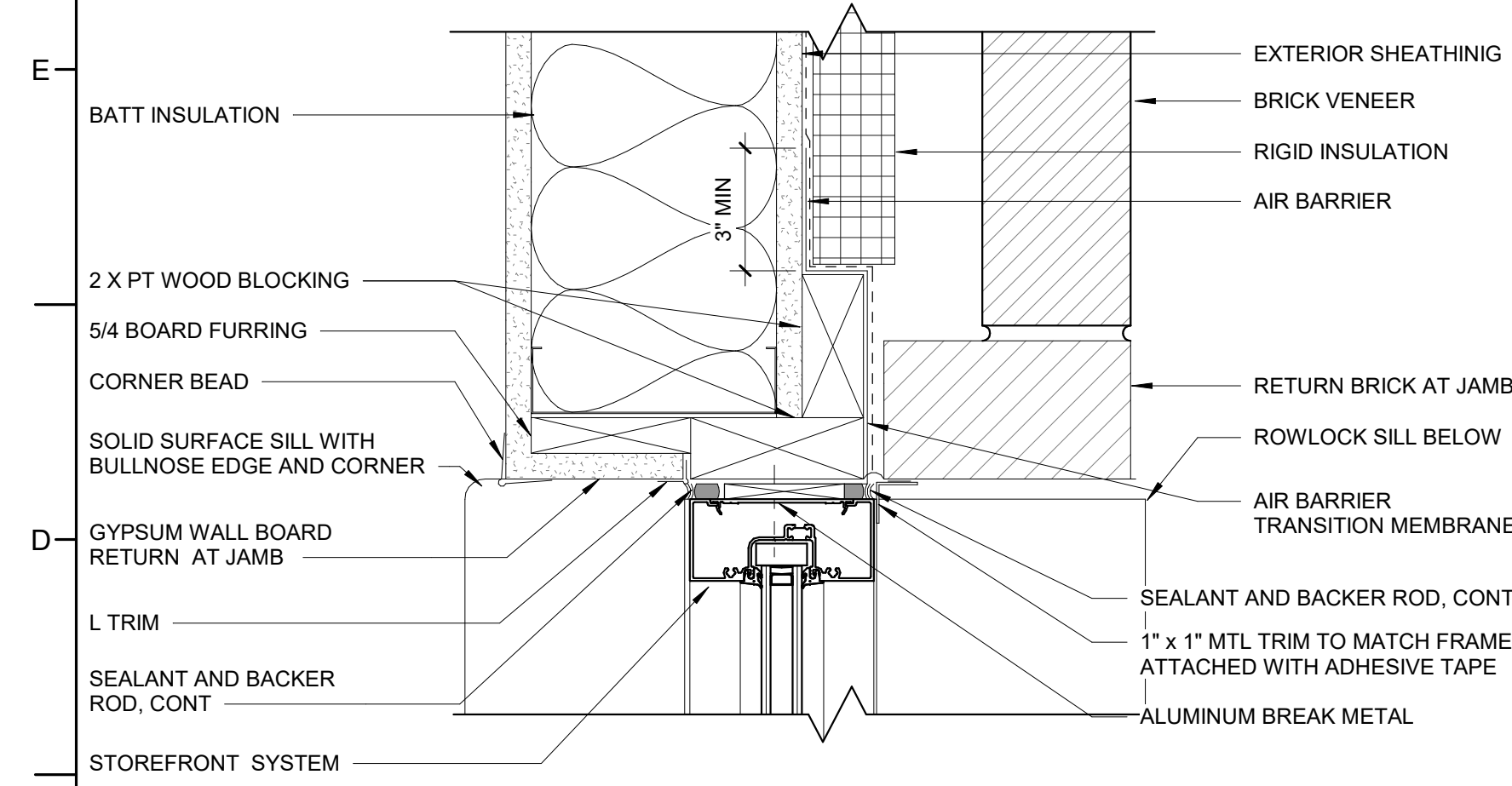
SUNSHADE SECTION BELOW HEAD
1 1/2" = 1'-0"



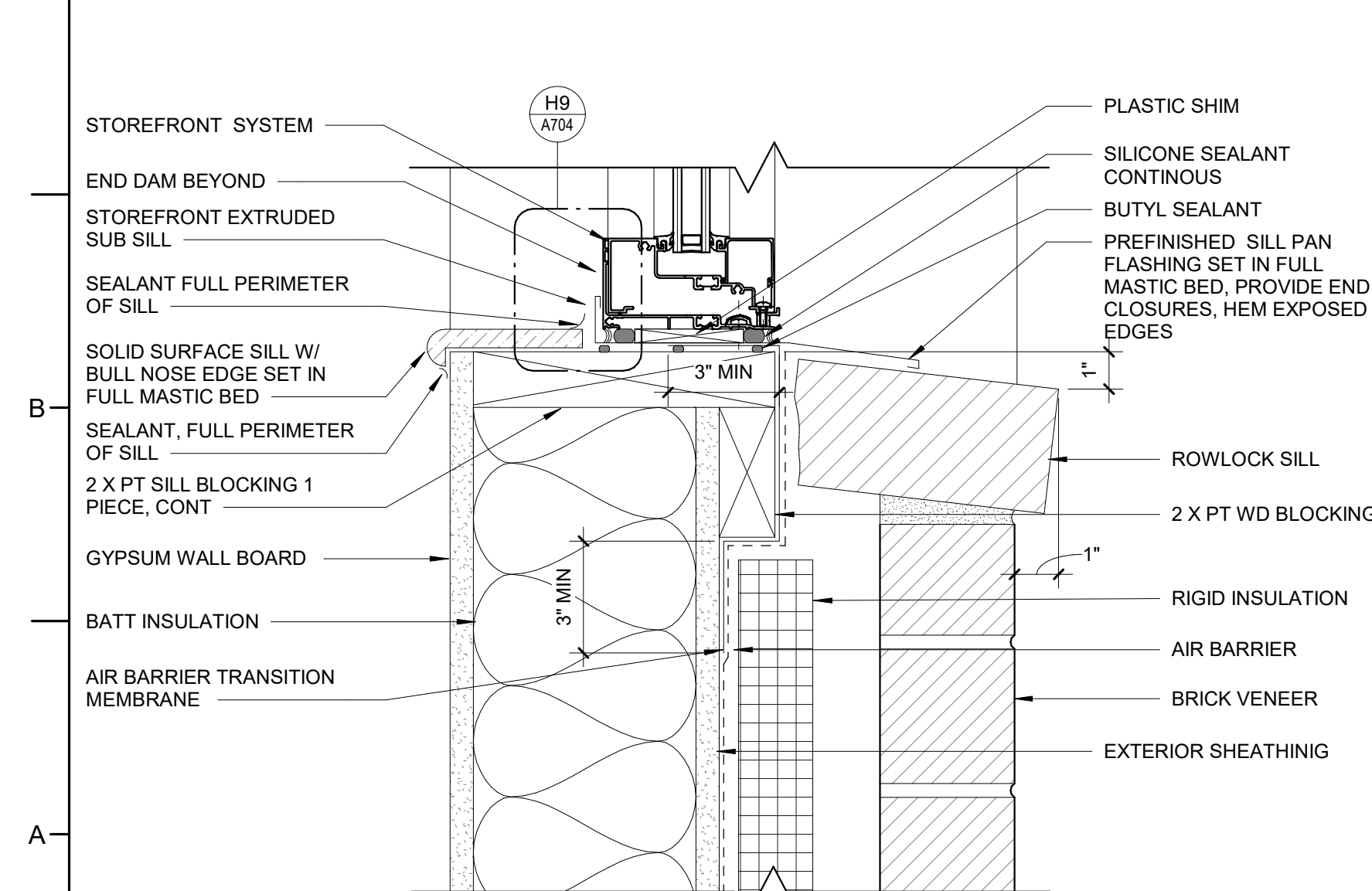
SUNSHADE SECTION - AT HEAD
1 1/2" = 1'-0"



STOREFRONT HEAD AT MTL STUD WALL - TYP
3" = 1'-0"



STOREFRONT JAMB AT MTL STUD WALL - TYP
3" = 1'-0"



STOREFRONT SILL AT MTL STUD WALL - TYP
3" = 1'-0"



541 North Carolina 581 S. Goldsboro, NC 27530

REVISIONS

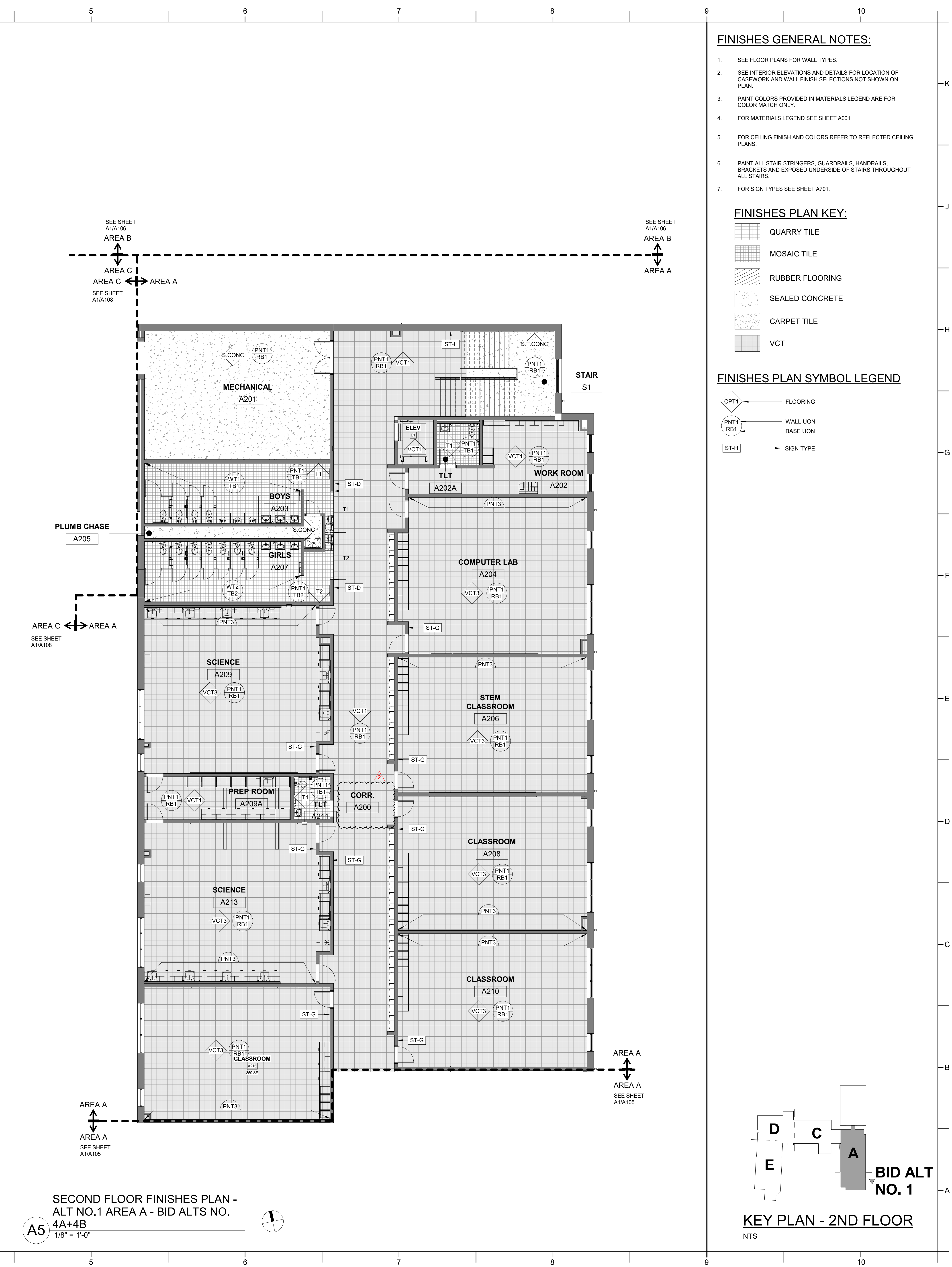
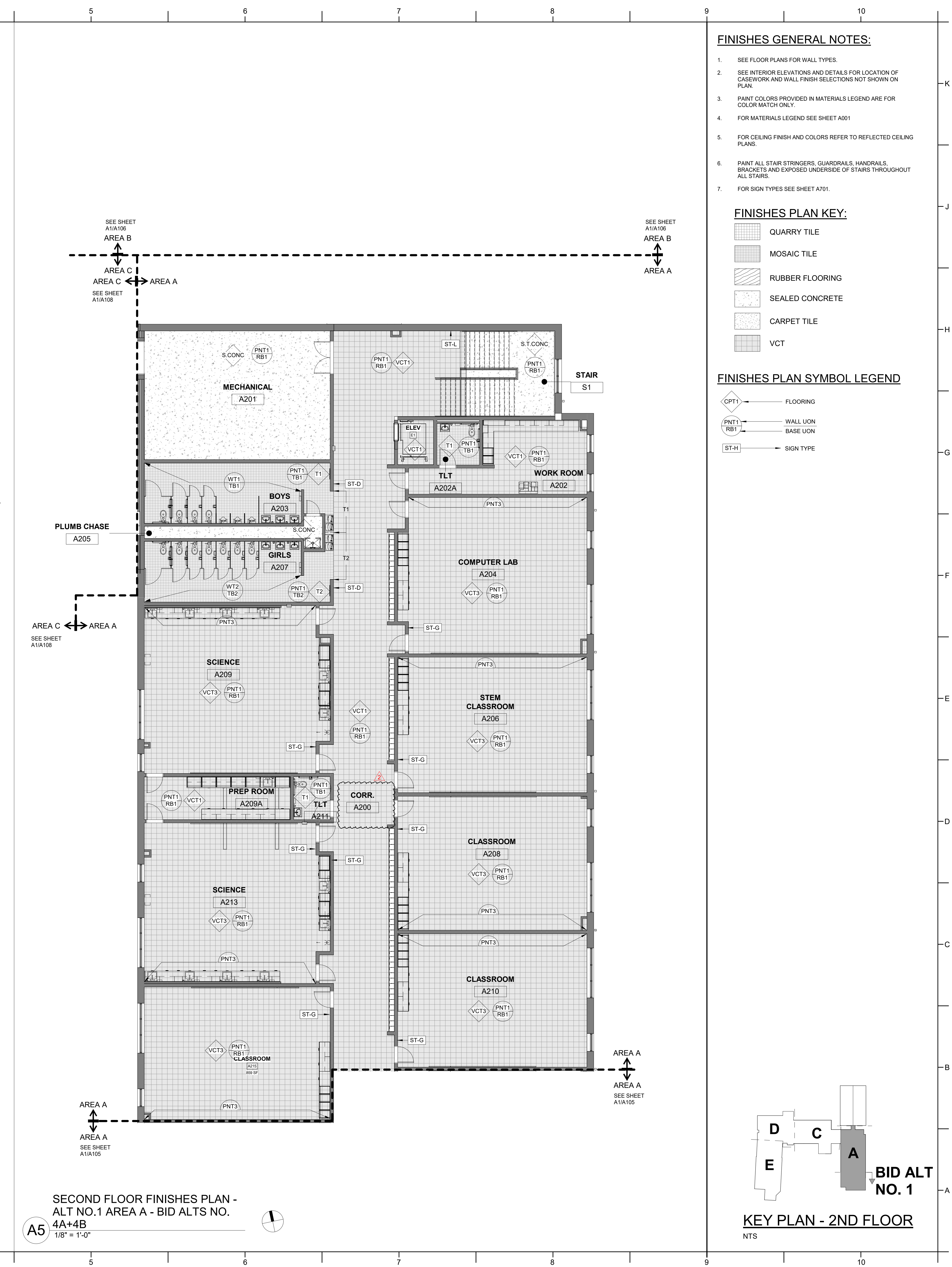
2 ADDENDUM #2 2/11/2025

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: LMY
Plot Date: 2/10/2025 9:16:21 PM

BID DOCUMENTS
01/10/2025

A705















FINISHES GENERAL NOTES:

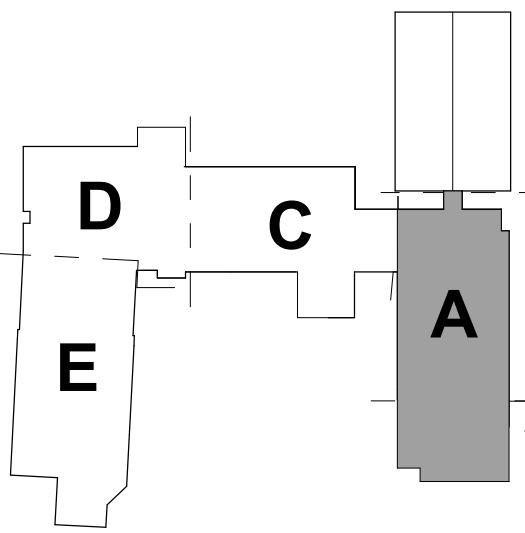
1. SEE FLOOR PLANS FOR WALL TYPES.
2. SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
3. PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
4. FOR MATERIALS LEGEND SEE SHEET A001
5. FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
6. PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDES OF STAIRS THROUGHOUT ALL STAIRS.
7. FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- | | |
|-------------------------------------------------------------------------------------|-----------------|
|  | QUARRY TILE |
|  | MOSAIC TILE |
|  | RUBBER FLOORING |
|  | SEALED CONCRETE |
|  | CARPET TILE |
|  | VCT |

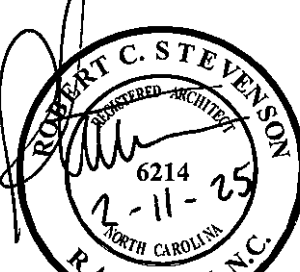
FINISHES PLAN SYMBOL LEGEND

-  CPT1 — FLOORING
 PNT1 — WALL UON
 RB1 — BASE UON
 ST-H — SIGN TYPE



KEY PLAN - 2ND FLOOR

ENTS



REVISIONS

- | | | |
|---|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be reused for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: NK
Plot Date: 2/10/2025 6:34:06 PM

BID DOCUMENTS
01/10/2025

AREA A-2ND FLOOR
FIN. PLANS ALT NO.
1-BID ALTS 4A+4B

FINISHES GENERAL NOTES:

- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
- PAIN COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
- FOR MATERIALS LEGEND SEE SHEET A001
- FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
- PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
MOSAIC TILE
RUBBER FLOORING
SEALED CONCRETE
CARPET TILE
VCT

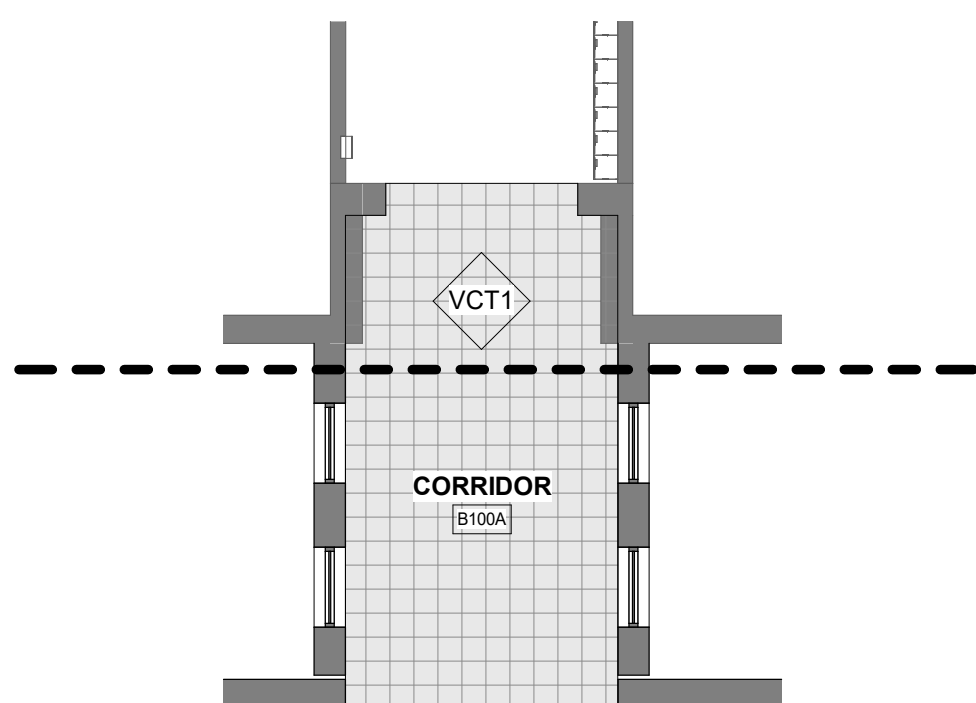
FINISHES PLAN SYMBOL LEGEND

- FLOORING
WALL UON
BASE UON
SIGN TYPE

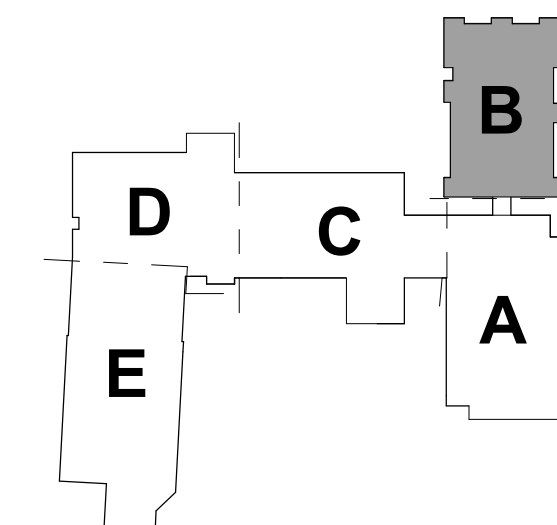
FINISHES KEY NOTES:

NOTE: NOT ALL OF THE KEY NOTES ARE APPLICABLE TO THIS PLAN. SEE PLAN FOR KEYED ITEM LOCATIONS. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS.

- 01 NEW PAINT ON EXPOSED SURFACES OF EXISTING LOCKERS.
02 PROVIDE NEW 4" HIGH BLACK RESILIENT BASE AT NEW CASEWORK TO MATCH EXISTING ADJACENT RESILIENT BASE

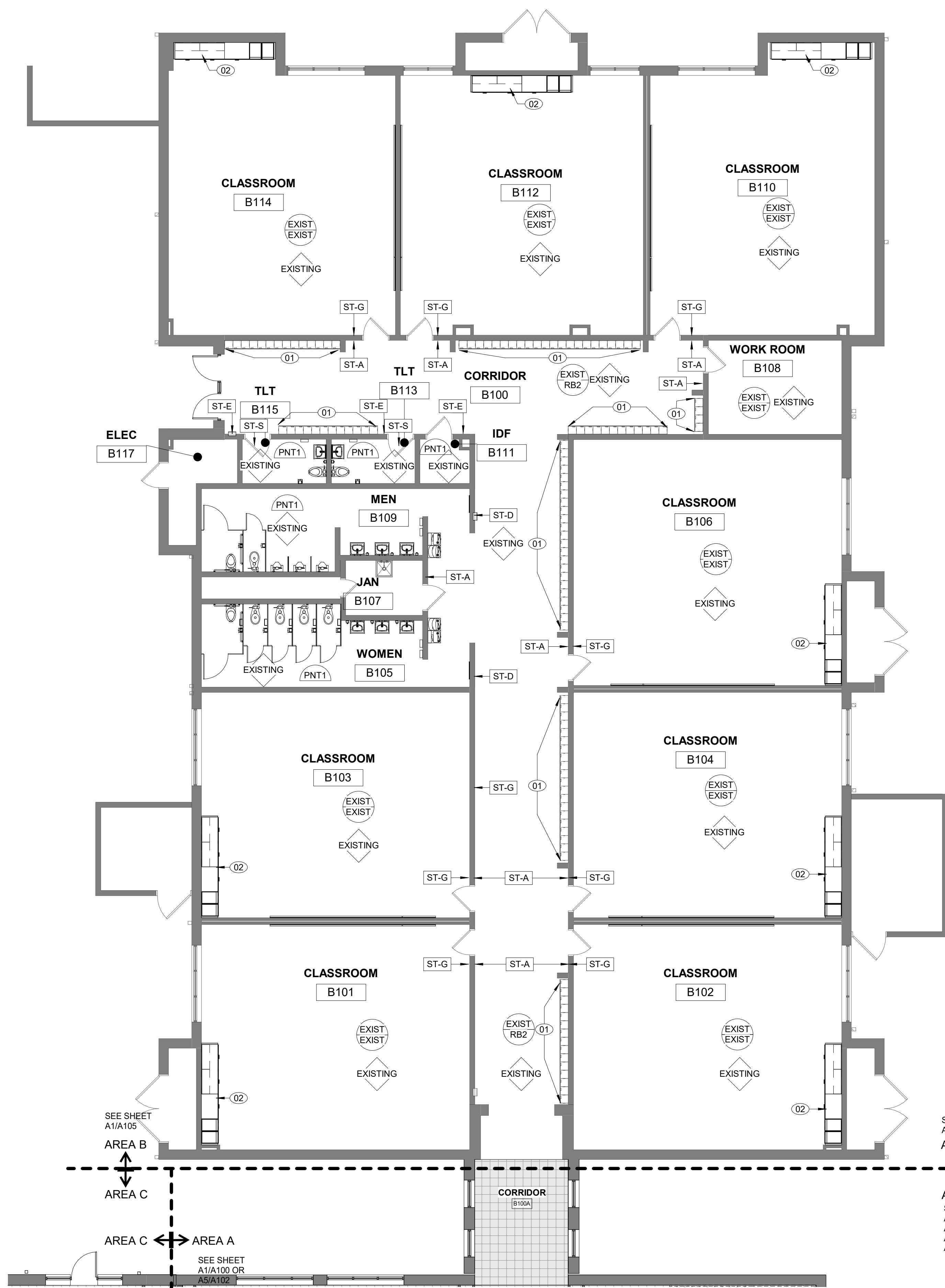


C5 FIRST FLOOR FINISHES PLAN - BID ALTERNATE NO. 2
1/8" = 1'-0"

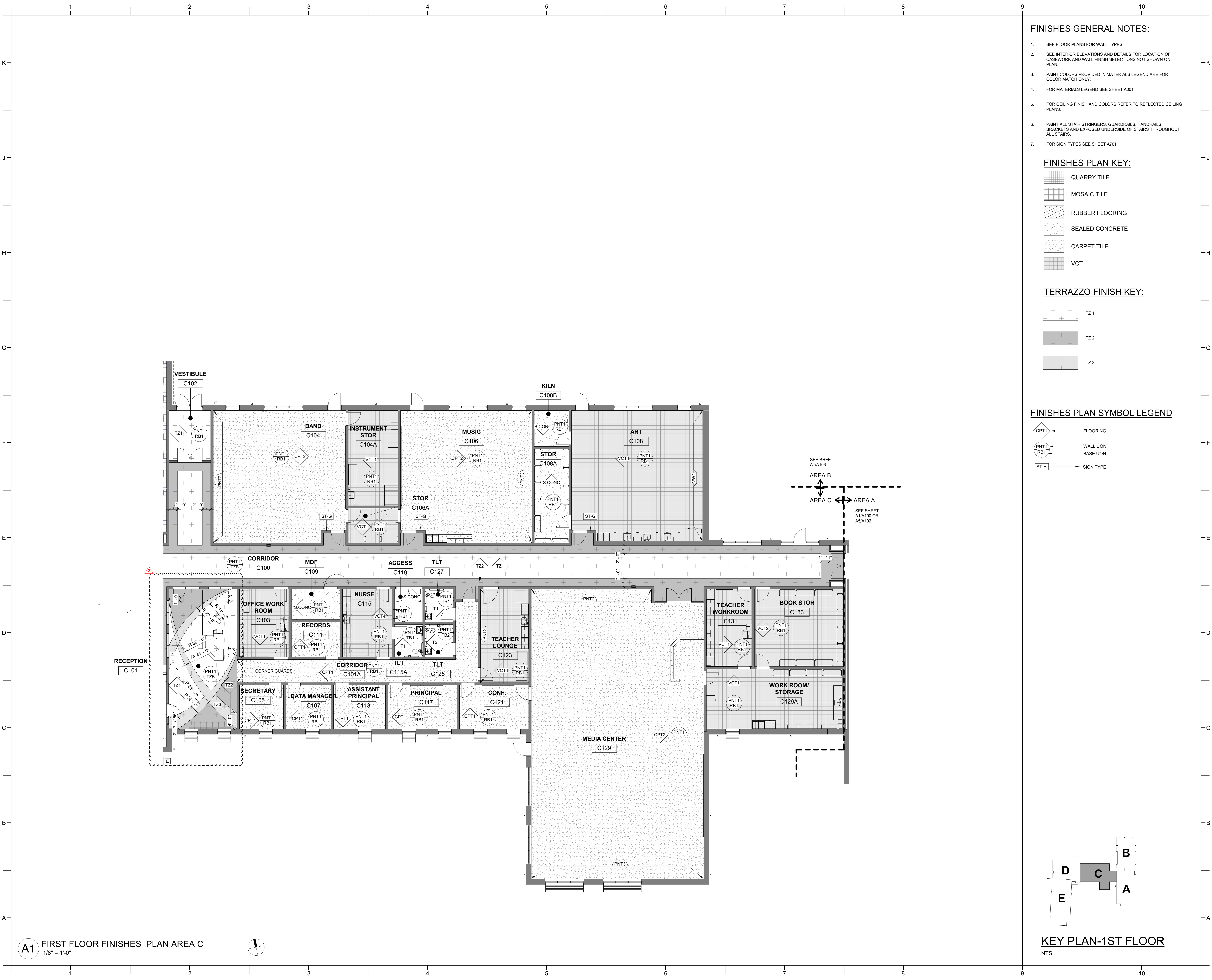


KEY PLAN-1ST FLOOR

NTS



A1 FIRST FLOOR FINISHES PLAN AREA B - BID ALT 02
1/8" = 1'-0"



FINISHES GENERAL NOTES:

- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
- PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
- FOR MATERIALS LEGEND SEE SHEET A001
- FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
- PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

TERRAZZO FINISH KEY:

- TZ 1
- TZ 2
- TZ 3

FINISHES PLAN SYMBOL LEGEND

- FLOORING
- WALL UON
- BASE UON
- SIGN TYPE

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

| | | |
|---|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: NK
Plot Date: 2/10/2025 6:34:38 PM

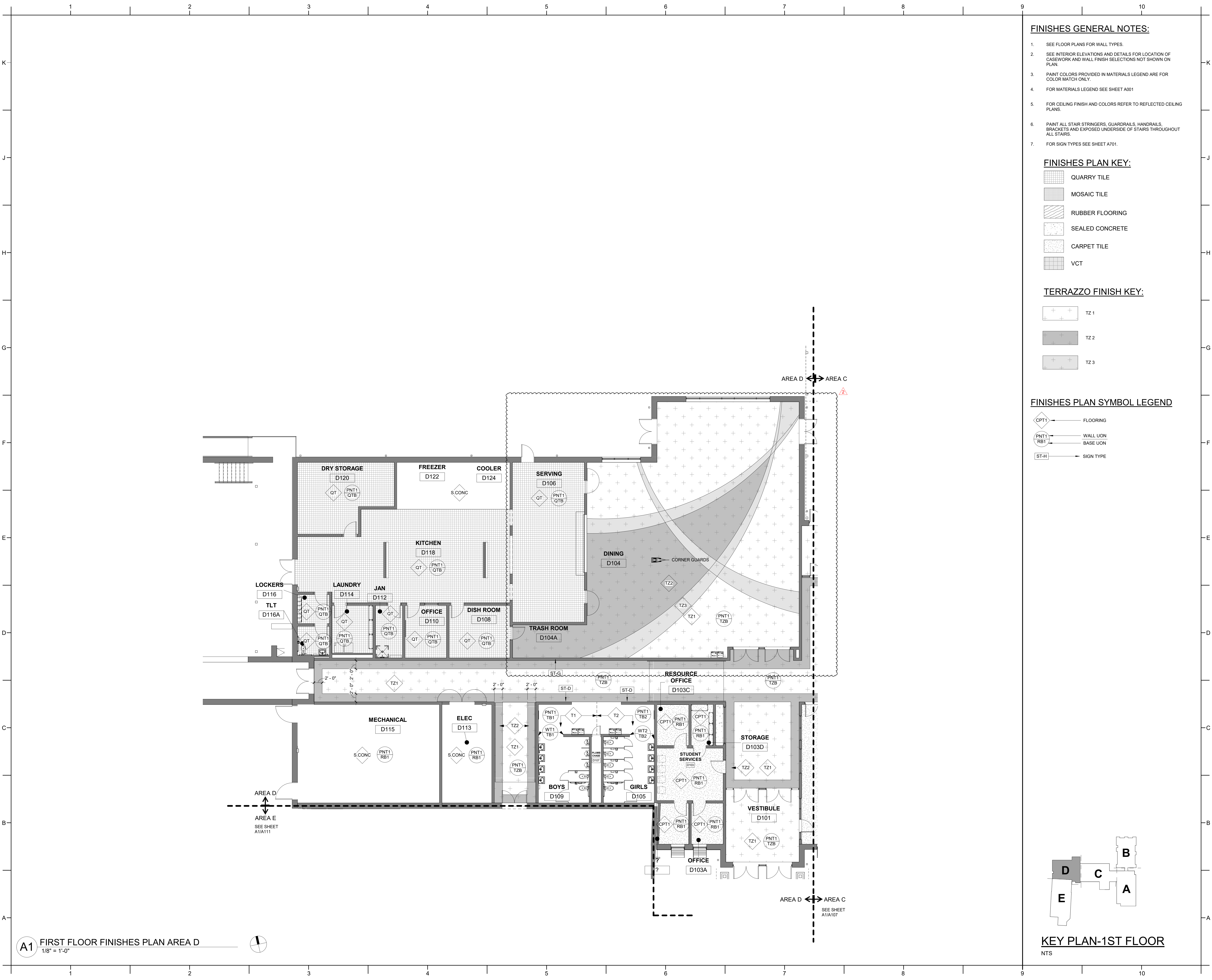
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

AREA C - 1ST FLOOR
FINISHES PLAN

1107



FINISHES GENERAL NOTES:

- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
- PAINTE COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
- FOR MATERIALS LEGEND SEE SHEET A001
- FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
- PAINTE ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

TERRAZZO FINISH KEY:

- TZ 1
- TZ 2
- TZ 3

FINISHES PLAN SYMBOL LEGEND

- FLOORING
- WALL UON
- BASE UON
- SIGN TYPE

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

- | | | |
|---|-------------|-----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2025 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: NK
Plot Date: 2/10/2025 6:35:07 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

AREA D - 1ST FLOOR
FINISHES PLAN

1109

GENERAL NOTES:

1. THE STRUCTURAL DRAWINGS MUST BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS, AND THE SPECIFICATIONS. THE CONTRACTOR MUST VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES, AND ADDITIONAL ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.
2. THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE PROVISIONS OF THE NORTH CAROLINA STATE BUILDING CODE, 2018 EDITION.
3. THE WORK OUTLINED IN THE SPECIFICATION SECTION 014100 IS SUBJECT TO SPECIAL INSPECTIONS AS DESCRIBED IN THE TECHNICAL SPECIFICATIONS.
4. THE STRUCTURE HAS BEEN DESIGNED TO RESIST CODE PRESCRIBED LOADING IN ITS FULLY COMPLETED STATE ONLY. PROVIDE ALL SHORING, BRACING AND OTHER SAFEGUARDS NECESSARY TO MAINTAIN ALL PARTS OF THE STRUCTURE IN PROPER ALIGNMENT AND IN A SAFE CONDITION DURING THE PROCESS OF CONSTRUCTION. REMOVE ALL TEMPORARY SUPPORTS, CONNECTIONS, SAFEGUARDS, AND CONSTRUCTION AIDS WITHOUT DAMAGING THE COMPLETED STRUCTURE WHERE THEY WILL BE VISIBLE IN THE FINAL CONSTRUCTION OR INTERFERE WITH OTHER BUILDING COMPONENTS - COMPLY WITH ALL EXPOSED STRUCTURE FINISH REQUIREMENTS.
5. PORTIONS OF THE STRUCTURE NOT ALTERED AND NOT AFFECTED BY THE ALTERATION HAVE NOT BEEN REVIEWED FOR COMPLIANCE WITH THE CODE REQUIREMENTS FOR A NEW STRUCTURE.
6. BEFORE PROCEEDING WITH WORK WITHIN THE EXISTING STRUCTURE, THE CONTRACTOR MUST BECOME FAMILIAR WITH THE EXISTING STRUCTURAL CONDITIONS. ANY SHORING OR BRACING SHOWN IS A PARTIAL AND SCHEMATIC REPRESENTATION OF THAT REQUIRED; THE CONTRACTOR MUST BE SOLELY RESPONSIBLE FOR THE DESIGN AND ERECTION OF ANY AND ALL SAFEGUARDS NECESSARY TO PROTECT THE EXISTING STRUCTURE. THE CONTRACTOR MUST PROVIDE SHORING, BRACING, AND OTHER SAFEGUARDS TO MAINTAIN ALL PARTS OF THE STRUCTURE IN A SAFE CONDITION AT ALL TIMES DURING THE PROCESS OF DEMOLITION AND CONSTRUCTION.
7. THE CONTRACTOR MUST FIELD VERIFY THE DIMENSIONS, ELEVATIONS, AND OTHER REQUIREMENTS NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTIONS OF THE STRUCTURE TO THE EXISTING, ANY DIMENSIONS SHOWN OF EXISTING STRUCTURES MUST BE CONSIDERED AS APPROXIMATE AND ADEQUATE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR MUST MAKE ALL MEASUREMENTS NECESSARY FOR THE FABRICATION AND ERECTION OF STRUCTURAL MEMBERS. DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
8. DISCREPANCIES WITHIN DRAWINGS, BETWEEN THE SPECIFICATIONS AND THE DRAWINGS, OR WITHIN THE SPECIFICATIONS, MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER DURING THE BIDDING PROCESS IN TIME TO PERMIT CLARIFICATION BY ADDENDUM. IF INCONSISTENCIES, DISCREPANCIES OR CONTRADICTIONS IN THE CONTRACT DOCUMENTS ARE DISCOVERED AFTER THE CLOSE OF BIDDING QUESTIONS, THE CONTRACTOR MUST BE DEEMED BY SUBMITTAL OF THEIR BID, TO HAVE BID THE MOST COSTLY AS TO LABOR, MATERIALS, DURATION, SEQUENCE AND METHOD OF CONSTRUCTION TO PROVIDE THE WORK.
9. THESE STRUCTURAL DRAWINGS ARE ISSUED ON THE DATE INDICATED FOR THE PURPOSE DESIGNATED. THESE DRAWINGS MUST NOT BE ISSUED OR RELEASED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN AUTHORIZATION OF THE STRUCTURAL ENGINEER OF RECORD.
10. DETAILS LABELED "TYPICAL DETAIL" WITHIN THE DOCUMENTS APPLY TO SITUATIONS ON THE PROJECT THAT MAY OCCUR THROUGHOUT THE PROJECT. SUCH DETAILS APPLY WHETHER OR NOT THE DETAIL IS SPECIFICALLY REFERENCED AT EACH INSTANCE. NOTIFY ENGINEER IF CLARIFICATIONS ARE REQUIRED REGARDING THE APPLICABILITY OF THE "TYPICAL DETAIL".
11. DESIGN CRITERIA:

| | |
|--------------------------------------------------------------------------------------|---------|
| CLASSIFICATION OF BUILDING | |
| RISK CATEGORY | III |
| SUPERIMPOSED ROOF DEAD LOADS - UNIFORM: | |
| 1 1/2" ROOF DECK | 2 PSF |
| INSULATION AND ROOF MEMBRANE | 5 PSF |
| CEILING | 2 PSF |
| SPRINKLERS | 2 PSF |
| DUCTS, LIGHTS, MISC. MECHANICAL | 3 PSF |
| STANDING SEAM METAL ROOF | 3 PSF |
| SUPERIMPOSED FLOOR DEAD LOADS - UNIFORM: | |
| FLOOR FINISH | 3 PSF |
| CEILING | 2 PSF |
| SPRINKLERS | 3 PSF |
| DUCTS, LIGHTS, MISC. MECHANICAL | 3 PSF |
| LIVE LOADS - UNIFORM: | |
| SLAB ON GRADE | 100 PSF |
| ROOF | 20 PSF |
| CLASSROOMS | 40 PSF |
| PARTITION ALLOWANCE | 15 PSF |
| STORAGE | 125 PSF |
| MECHANICAL SPACE | 150 PSF |
| LOBBIES | 100 PSF |
| CORRIDORS (FIRST FLOOR) | 100 PSF |
| CORRIDORS (ABOVE FIRST FLOOR) | 80 PSF |
| STAIRWAYS | 100 PSF |
| LIVE LOAD REDUCTION OF THE UNIFORMLY DISTRIBUTED FLOOR LIVE LOADS HAS BEEN UTILIZED. | |
| LIVE LOADS - CONCENTRATED: | |
| FLOOR | 1,000# |
| ROOFS | 300# |

UNLESS OTHERWISE NOTED, CONCENTRATED LOADS ARE APPLIED UNIFORMLY OVER 2'-6" x 2'-6" AREA.

SNOW LOADS:

| | |
|------------------------|--------|
| GROUND SNOW LOAD (Pg) | 10 PSF |
| MINIMUM ROOF LOAD (Pi) | 11 PSF |
| IMPORTANCE FACTOR (I) | 1.1 |
| THERMAL FACTOR (Ct) | 1.0 |
| EXPOSURE FACTOR (Ce) | 1.0 |

| | |
|-------------------------------------------|----------|
| WIND LOADS (AREA A): | |
| ULTIMATE WIND SPEED (Vult) | 129 MPH |
| ALLOWABLE STRESS DESIGN WIND SPEED (Vasd) | 100 MPH |
| EXPOSURE CATEGORY | C |
| INTERNAL PRESSURE COEFFICIENT | -0.18 |
| COMPONENT AND CLADDING PRESSURES: | |
| WALLS, ZONE 5 (10 SF) | 61 PSF |
| ROOF, ZONE 3 (10 SF) | 108 PSF |
| PARAPET, END/CORNER (10 SF) | NA |
| ULTIMATE WIND BASE SHEARS (FOR MWFRS): | |
| Vx | 273 KIPS |
| Vy | 86 KIPS |

GENERAL NOTES CONT:

| | |
|-----------------------------------------------------|--------------|
| WIND LOADS (AREA C AND AREA D): | |
| ULTIMATE WIND SPEED (Vult) | 129 MPH |
| ALLOWABLE STRESS DESIGN WIND SPEED (Vasd) | 100 MPH |
| EXPOSURE CATEGORY | C |
| INTERNAL PRESSURE COEFFICIENT | -0.18 |
| COMPONENT AND CLADDING PRESSURES: | |
| WALLS, ZONE 5 (10 SF) | 59 PSF |
| ROOF, ZONE 3 (10 SF) | 103 PSF |
| PARAPET, END/CORNER (10 SF) | NA |
| ULTIMATE WIND BASE SHEARS (FOR MWFRS): | |
| Vx | 100 KIPS |
| Vy | 245 KIPS |
| SEISMIC LOADS: | |
| SITE CLASSIFICATION | D |
| SEISMIC DESIGN CATEGORY | B |
| IMPORTANCE FACTOR (IE) | 1.25 |
| SPECTRAL RESPONSE ACCELERATIONS: | |
| Ss | 0.152 |
| Sms | 0.244 |
| Sds | 0.163 |
| S1 | 0.074 |
| SM1 | 0.177 |
| SD1 | 0.118 |
| ANALYSIS PROCEDURE | |
| EQUIVALENT LATERAL FORCE | INTERMEDIATE |
| LATERAL FORCE RESISTING SYSTEM | REINFORCED |
| MASONRY SHEAR WALLS | |
| RESPONSE MODIFICATION COEFFICIENT (R) | 3.5 |
| SEISMIC RESPONSE COEFFICIENT (Cs) | 0.058 |
| ULTIMATE SEISMIC BASE SHEAR (V) (AREA A) | 230 KIPS |
| ULTIMATE SEISMIC BASE SHEAR (V) (AREA C AND AREA D) | 137 KIPS |
| LATERAL DESIGN CONTROL | |
| CONTROLLING LATERAL LOADS AREA A (X- DIR) | WIND |
| CONTROLLING LATERAL LOADS AREA A (Y- DIR) | SEISMIC |
| CONTROLLING LATERAL LOADS AREA C&D (X- DIR) | SEISMIC |
| CONTROLLING LATERAL LOADS AREA C&D (Y- DIR) | WIND |

FOUNDATION NOTES:

1. FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON. DATED MAY 17, 2024.
2. FOUNDATIONS HAVE BEEN DESIGNED FOR A NET ALLOWABLE SOIL BEARING PRESSURE OF 2,000 PSF.
3. TOP OF FOOTING ELEVATIONS MUST BE A MINIMUM DEPTH OF -1'-0" BELOW LOWEST ADJACENT SOIL GRADE.
4. PRIOR TO PLACING FOUNDATION CONCRETE, ALL FOUNDATION EXCAVATIONS MUST BE INSPECTED BY THE OWNER'S GEOTECHNICAL SPECIAL INSPECTOR TO EXPLORE THE EXTENT OF LOOSE, SOFT, EXPANSIVE, OR OTHERWISE UNSATISFACTORY SOIL MATERIAL AND TO VERIFY DESIGN BEARING PRESSURE. DIRECTION FOR CORRECTIVE ACTION WILL BE PROVIDED BY THE OWNER'S GEOTECHNICAL SPECIAL INSPECTOR WHERE UNSATISFACTORY SOILS ARE PRESENT.
5. NO UNBALANCED BACKFILLING MUST BE DONE AGAINST MASONRY OR CONCRETE WALLS UNLESS WALLS ARE SECURELY BRACED AGAINST OVERTURNING, EITHER BY TEMPORARY CONSTRUCTION BRACING OR BY PERMANENT CONSTRUCTION.
6. CONTROL GROUNDWATER AND SURFACE RUNOFF THROUGHOUT THE CONSTRUCTION PROCESS. INUNDATION AND LONG TERM EXPOSURE OF BEARING SURFACES WHICH RESULT IN DETERIORATION OF BEARING MUST BE PREVENTED.

SITE PREPARATION AND CONTROLLED FILL NOTES:

1. OBTAIN AND BECOME THOROUGHLY FAMILIAR WITH THE CONDITIONS AND RECOMMENDATIONS DESCRIBED IN THE SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING REPORT. THIS REPORT IS NOT A PART OF THE CONTRACT DOCUMENTS, AND MAY NOT BE REPRESENTATIVE OF ALL SITE CONDITIONS WHICH MAY BE ENCOUNTERED.
2. REMOVE ALL VEGETATION, ROOT MAT, TOPSOIL, ASPHALT PAVING AND AGGREGATE BASE MATERIAL.
3. THE EXPOSED SUBGRADE MUST BE PROOFROLLED WITH A LARGE RUBBER-TIRED ROLLER OR LOADED DUMP TRUCK; PERFORM AT LEAST TWO PASSES IN EACH OF TWO PERPENDICULAR DIRECTIONS.
4. EXCAVATE SOFT SPOTS REVEALED BY PROOFROLLING AS DIRECTED.
5. FILL WITH SATISFACTORY STRUCTURAL FILL MATERIALS TO THE SPECIFIED ELEVATIONS.

CAST-IN-PLACE CONCRETE NOTES:

1. CONCRETE MUST BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301 AND 318.
2. CONCRETE MUST BE NORMAL WEIGHT AND MUST OBTAIN 28 DAY COMPRESSIVE STRENGTHS AS FOLLOWS:
- | | |
|---------------------------------|-----------|
| A. SLAB-ON-GRADE | 3,500 PSI |
| B. SUPPORTED FLOOR SLABS | 4,000 PSI |
| C. FOUNDATION, FOOTINGS | 3,000 PSI |
| D. CONCRETE NOT OTHERWISE NOTED | 3,000 PSI |
3. REINFORCING MATERIALS MUST BE AS FOLLOWS:
- A. REINFORCING BARS - ASTM A615, GRADE 60, DEFORMED.
- B. WELDED WIRE REINFORCEMENT - ASTM A1084, WELDED STEEL WIRE REINFORCEMENT; PROVIDE SHEET TYPE, ROLL TYPE IS NOT ACCEPTABLE.
4. ALL REINFORCING STEEL AND EMBEDDED ITEMS SUCH AS ANCHOR RODS AND WELD PLATES MUST BE ACCURATELY PLACED AND ADEQUATELY TIED AND SUPPORTED BEFORE CONCRETE IS PLACED TO PREVENT DISPLACEMENT BEYOND PERMITTED TOLERANCES.
5. CONCRETE COVER TO REINFORCING STEEL MUST EQUAL THE FOLLOWING, UNLESS OTHERWISE NOTED:
- | | |
|--------------------------------------------------------------------------------------------|--------|
| A. SURFACES AGAINST EARTH | 3" |
| B. SURFACES NOT CAST AGAINST EARTH, BUT EXPOSED TO EARTH OR WEATHER IN THE FINAL CONDITION | |
| #5 AND SMALLER | 1 1/2" |
| #6 AND LARGER | 2" |
| C. BEAMS, GIRDERS, COLUMNS, AND WALLS | |
| ABOVE FINISHED FIRST FLOOR | 1 1/2" |
| D. ELEVATED SLABS | 3/4" |
6. LAP CONTINUOUS REINFORCING STEEL 57 X BAR DIAMETER, TYPICAL UNLESS OTHERWISE NOTED.
7. DO NOT EMBED CONDUIT AND PIPING IN OR PENETRATE THROUGH CAST-IN-PLACE CONCRETE ELEMENTS UNLESS OTHER NOTED.

CONCRETE MIX DESIGN NOTES:

1. MIX DESIGNS COMPRESSIVE STRENGTHS (f'c) BASED ON 28 DAY DESIGN STRENGTH, UNLESS OTHERWISE NOTED.
2. CONCRETE NOT OTHERWISE NOTED:
- A. MINIMUM COMPRESSIVE STRENGTH (f'c) = 4000 PSI
3. FOUNDATIONS (SPREAD FOOTINGS, MAT FOOTINGS):
- A. EXPOSURE CLASS = ACI 318 F0, S0, W0, C0
- B. MINIMUM COMPRESSIVE STRENGTH (f'c) = 3,000PSI
- C. MAXIMUM W/CM = 0.45
- D. BLENDED HYDRAULIC CEMENT = ASTM C595 TYPE 1L
- E. SLUMP = 5" MAX PLUS OR MINUS 1", OR 8" MAX PLUS OR MINUS 1" FOR CONCRETE WITH A VERIFIED SLUMP OF 3" PLUS OR MINUS 1" BEFORE ADDING HIGH-RANGE WATER-REDUCING OR PLASTICIZING ADMIXTURE
- F. AIR CONTENT = NO REQUIREMENTS
- G. AGGREGATE = NORMAL WEIGHT, 3/4" NOMINAL
- H. LIMIT WATER-SOLUBLE CHLORIDE-ION CONTENT IN HARDENED CONCRETE TO 0.30 PERCENT BY WEIGHT OF CEMENT
4. INTERIOR FLOOR SLAB-ON-GRADE:
- A. EXPOSURE CLASS = ACI 318 F0, S0, W0, C0
- B. MINIMUM COMPRESSIVE STRENGTH (f'c) = 3,500PSI
- C. MAXIMUM W/CM = 0.5
- D. BLENDED HYDRAULIC CEMENT = ASTM C595 TYPE 1L
- E. SLUMP = 5" MAX PLUS OR MINUS 1", OR 8" MAX PLUS OR MINUS 1" FOR CONCRETE WITH A VERIFIED SLUMP OF 3" PLUS OR MINUS 1" BEFORE ADDING HIGH-RANGE WATER-REDUCING OR PLASTICIZING ADMIXTURE
- F. AIR CONTENT = DO NOT ALLOW AIR CONTENT IN TROWEL FINISHED FLOORS TO EXCEED 3%
- G. AGGREGATE = NORMAL WEIGHT, 3/4" NOMINAL
- H. LIMIT WATER-SOLUBLE CHLORIDE-ION CONTENT IN HARDENED CONCRETE TO 1.00 PERCENT BY WEIGHT OF CEMENT
5. ELEVATED COMPOSITE CONCRETE SLABS:
- A. EXPOSURE CLASS = ACI 318 F0, S0, W0, C0
- B. MINIMUM COMPRESSIVE STRENGTH (f'c) = 4,000PSI
- C. MAXIMUM W/CM = 0.45
- D. BLENDED HYDRAULIC CEMENT = ASTM C595 TYPE 1L
- E. SLUMP = 8" MAX PLUS OR MINUS 1" FOR CONCRETE WITH A VERIFIED SLUMP OF 3" PLUS OR MINUS 1" BEFORE ADDING HIGH-RANGE WATER-REDUCING OR PLASTICIZING ADMIXURE
- F. AIR CONTENT = DO NOT ALLOW AIR CONTENT IN TROWEL FINISHED FLOORS TO EXCEED 3%
- G. AGGREGATE = NORMAL WEIGHT, 3/4" NOMINAL

CONCRETE MASONRY NOTES:

1. CONCRETE MASONRY MATERIALS AND CONSTRUCTION MUST CONFORM TO THE AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (TMS 402 / ACI 531 / ASCE 5) AND "SPECIFICATIONS FOR MASONRY STRCUTURES" (TMS 602 / ACI 530.1 / ASCE 6).
2. CONCRETE MASONRY UNITS MUST CONFORM TO ASTM C90 AND MUST BE MADE WITH LIGHTWEIGHT AGGREGATE.
3. COMPRESSIVE STRENGTH OF MASONRY MUST BE DETERMINED BY THE UNIT STRENGTH METHOD AS SET FORTH IN ACI 530.1. THE NET AREA COMPRESSIVE STRENGTH OF MASONRY, f'm, MUST BE 2,000 PSI AT 28 DAYS.
4. MORTAR MUST BE TYPE "M" OR "S" AND MUST COMPLY WITH ASTM C270, PROPORTIONS OR PROPERTIES SPECIFICATION.
5. GROUT MUST COMPLY WITH EITHER THE PROPORTIONS OR PROPERTIES SPECIFICATION OF ASTM C476 AND AS FOLLOWS:
- A. PROPORTIONS SPECIFICATION: THIS MIX CANNOT CONTAIN ADMIXTURES. WATER MUST BE ADDED IN THE FIELD IN ORDER TO SLUMP GROUT TO 8-11 INCHES WHEN PLACED IN THE CONCRETE MASONRY UNITS. MORTAR, PEA-GRAVEL CONCRETE, OR "CHAT" MIXES ARE NOT ACCEPTABLE SUBSTITUTES FOR THE SPECIFIED GROUT.
- B. PROPERTIES SPECIFICATION: THIS MIX MUST BE PROPORTIONED TO OBTAIN A DOCUMENTED 28 DAY COMPRESSIVE STRENGTH OF 2,000 PSI, WITH AN 8-11 INCH SLUMP WHEN PLACED IN THE CONCRETE MASONRY UNITS.
6. REINFORCING STEEL MUST COMPLY WITH ASTM A615, GRADE 60. SHOP FABRICATE REINFORCING BARS WHICH ARE SHOWN TO BE BENT OR HOOKED.
7. ALL BOND BEAMS, REINFORCED CELLS AND CELLS WITH EXPANSION BOLTS, EMBED PLATES OR OTHER ANCHORS AND ALL CELLS BELOW GRADE MUST BE GROUTED SOLID. GROUT PROCEDURE MUST COMPLY WITH ACI 530.1.
8. ALL CMU WALLS MUST BE REINFORCED CONTINUOUSLY FROM FOUNDATION TO TOP OF WALL. WHERE REINFORCING IS INTERRUPTED, OFFSET AND LAP ADDITIONAL BARS PER THE "TYPICAL OFFSET SPLICE AT MASONRY WALL DETAILS".
9. LAP ALL REINFORCING PER SCHEDULE BELOW, TYPICAL UNLESS OTHERWISE NOTED:
- | MASONRY LAP SCHEDULE | |
|----------------------|-------------------|
| REINF SIZE | 72 x BAR DIAMETER |
| #4 | 36" |
| #5 | 45" |
| #6 | 54" |
| #7 | 63" |
| #8 | 72" |
10. ALL NON-BEARING MASONRY WALLS MUST BE REINFORCED WITH #4 VERTICAL BARS AT 40 INCHES ON CENTER, TYPICAL UNLESS OTHERWISE NOTED. ALL NON-BEARING MASONRY WALLS MUST BE BRACED PER "TYPICAL NON-BEARING MASONRY PARTITION DETAILS".
11. PROVIDE REINFORCING STEEL DOWELS OF THE SAME SIZE AND SPACING AS VERTICAL REINFORCING FROM THE SUPPORTING STRUCTURE. DOWELS MUST HAVE STANDARD ACI HOOKS.
12. PROVIDE STANDARD 9 GAGE LADDER TYPE HORIZONTAL JOINT REINFORCING IN CMU WALLS AT 16 INCHES ON CENTER AND IN TWO JOINTS IMMEDIATELY ABOVE AND BELOW ALL OPENINGS, EXTENDING A MINIMUM OF 2 FEET BEYOND THE JAMB ON EACH SIDE OF THE OPENING, EXCEPT AT CONTROL JOINTS.
13. PROVIDE VERTICAL CONTROL JOINTS AT 20 FEET ON-CENTER MAXIMUM, OR NOT MORE THAN 1.5 TIMES THE HEIGHT OF THE WALL AT CONTROL JOINTS. PROVIDE CONTINUOUS HORIZONTAL BOND BEAM REINFORCEMENT AS SHOWN IN THE SECTIONS AND DETAILS CONTINUOUS THROUGH CONTROL JOINTS.
14. DO NOT LOCATE CONTROL JOINTS WITHIN TWO FEET OF STEEL BEAM BEARING LOCATIONS.
15. PLACE GROUT WITH POUR HEIGHT NOT EXCEEDING 5 FEET. CONSOLIDATE EACH POUR BY MECHANICAL VIBRATION. RECONSOLIDATE AFTER INITIAL WATER LOSS AND SETTLEMENT OCCUR.

CONCRETE MASONRY NOTES CONT:

16. GROUT POUR HEIGHT MAY BE INCREASED WHERE THE FOLLOWING CONDITIONS ARE MET
- A. LIMIT POUR HEIGHT BASED ON A MINIMUM WIDTH OF GROUT SPACE IN ACCORDANCE WITH TABLE 7 OF ACI 530.1 / ASCE 6 / TMS 602.
- B. PLACE GROUT IN LIFTS NOT EXCEEDING THE LIMITATIONS SPECIFIED IN ACE 530.1/ASCE 6/TMS 602.
- C. CONSOLIDATE EACH POUR BY MECHANICAL VIBRATION. REINFORCED MASONRY AFTER INITIAL WATER LOSS AND SETTLEMENT HAS OCCURRED.
- D. FORM A GROUT KEY BETWEEN POURS ACCORDING TO ACI 530.1 / ASCE 6 / TMS 602.
- E. PROVIDE AN INSPECTION PORT (CLEANOUT) AT EACH CELL TO BE GROUTED AT THE BASE OF EACH POUR.
- F. SUBMIT SHOP DRAWINGS DETAILING THE PROPOSED GROUTING PROCEDURE ALONG WITH (3) REFERENCES OF PREVIOUS SUCCESSFUL PROJECTS.
17. MASONRY SHALL BE CONSTRUCTED IN RUNNING BOND PATTERN AND ALL CORNERS TO BE TIED BY MASONRY BOND UNLESS OTHERWISE NOTED.
18. SUBMITTALS FOR CONCRETE MASONRY MUST INCLUDE THE FOLLOWING:
- A. PRODUCT DATA/MATERIAL CERTIFICATES: SUBMIT DATA AND CERTIFICATES FOR MASONRY UNITS, CEMENTITIOUS MATERIALS, MORTAR ADMIXTURES, PRE-BLENDED DRY MORTAR MIXES, REINFORCING BARS, JOINT REINFORCEMENT, ANCHORS, TIES, AND METAL ACCESSORIES.
- B. REINFORCEMENT SHOP DRAWINGS: SHOW ELEVATIONS OF REINFORCED WALLS. MUST COMPLY WITH ACI DETAILING MANUAL: DETAIL BENDING, LAP LENGTHS, AND PLACEMENT OF UNIT MASONRY REINFORCING BARS.
- C. MIX DESIGNS: SUBMIT MIX DESIGNS FOR EACH TYPE OF MORTAR AND GROUT AND INCLUDE DESCRIPTION OF TYPE AND PROPORTIONS OF INGREDIENTS. INCLUDE TEST REPORTS FOR GROUT MIXES ACCORDING TO ASTM C1019
- D. SHOP DRAWINGS MUST INDICATE THE DATE OF THE STRUCTURAL DRAWINGS THAT WERE USED IN PREPARATION.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL MUST BE IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 360.
2. STRUCTURAL STEEL INSTALLER MUST PARTICIPATE IN THE AISC QUALITY CERTIFICATION PROGRAM AND BE A DESIGNATED AISC-CERTIFIED ERECTOR.
3. STRUCTURAL STEEL MUST COMPLY WITH THE FOLLOWING SPECIFICATIONS:
- A. STRUCTURAL STEEL SHAPES, PLATES AND BARS UNLESS OTHERWISE NOTED - ASTM A572, Fy = 50 KSI
- B. STRUCTURAL STEEL W-SHAPES - ASTM A992, Fy = 50 KSI
- C. HOLLOW STRUCTURAL SECTIONS (HSS):
- a. SQUARE & RECTANGULAR - ASTM A500, GRADE C, Fy = 50 KSI
- D. ANCHOR RODS - ASTM F1554, GRADE 36
- E. HIGH STRENGTH BOLTS - ASTM A325 (TYPICAL UON)
- F. FULLY PRETENSIONED BOLTS - ASTM F1852 (TWIST-OFF TYPE)
- G. WASHERS - ASTM F436
- H. NUTS - ASTM A563
- I. HEADED STUDS - ASTM A29, GRADE 1010 THROUGH 1020
4. UNLESS OTHERWISE NOTED, ALL REQUIRED DESIGN STRENGTHS AND REACTIONS INDICATED ARE BASED ON THE "LOADING COMBINATIONS USING STRENGTH DESIGN OR LOAD AND RESISTANCE FACTOR DESIGN" PER SECTION 1605.2 OF THE BUILDING CODE.
5. ALL STEEL CONNECTIONS AND MEMBER REINFORCEMENT MUST BE DESIGNED BY FABRICATORS QUALIFIED PROFESSIONAL ENGINEER FOR LOADS INDICATED IN THE DRAWINGS, PER OPTION 3B OF ANS/AISC 303 AND COMPLETE THE FOLLOWING:
- A. SUBMIT STRUCTURAL CALCULATIONS SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NORTH CAROLINA RESPONSIBLE FOR THEIR PREPARATION.
- B. THE PROFESSIONAL ENGINEER RESPONSIBLE FOR CONNECTION DESIGN MUST REVIEW THE SHOP DRAWINGS PRIOR TO SUBMITTAL TO VERIFY THAT THE CONNECTIONS AS DETAILED ON THE SHOP DRAWINGS COMPLY WITH THE CONNECTION DESIGN REQUIREMENTS OF THE FINAL CALCULATIONS.
- C. A REVIEW LETTER, SIGNED AND SEALED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR CONNECTION DESIGN MUST BE PROVIDED WITH THE SHOP DRAWINGS AND CALCULATION SUBMITTAL STATING THAT THIS REVIEW AND VERIFICATION HAS BEEN COMPLETED.
6. HIGH STRENGTH BOLTS MAY BE TIGHTENED TO THE "SNUG TIGHT" CONDITION, UNLESS OTHERWISE NOTED.
7. BOLTED CONNECTIONS MAY USE NON-STANDARD HOLES.
8. PROVIDE ANGLE FRAMING AROUND OPENINGS LARGER THAN 6 INCHES IN ANY DIMENSION (INCLUDING ROOF DRAINS) TO SUPPORT STEEL DECK. REFERENCE PLANS AND TYPICAL DETAILS FOR SIZING REQUIREMENTS.
9. WELDING MUST BE IN ACCORDANCE WITH AWS D1.1. "STRUCTURAL WELDING CODE - STEEL" WELD ELECTRODES MUST BE E70XX LOW HYDROGEN, UNLESS OTHERWISE NOTED, PROVIDE CONTINUOUS FILLET WELDS WITH MINIMUM SIZE REQUIRED BY TABLE J2.4 AISC 360.
10. COORDINATE ALL MEMBER LOCATIONS, UNIT WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED.
11. SHOP PRIME STEEL SURFACES, EXCEPT THE FOLLOWING:
- A. SURFACES EMBEDDED IN CONCRETE OR MORTAR. EXTEND PRIMING OF PARTIALLY EMBEDDED MEMBERS TO A DEPTH OF 2 INCHES.
- B. SURFACES TO BE WELDED.
- C. SURFACES TO RECEIVE SPRAYED FIRE-RESISTIVE MATERIALS.
- D. GALVANIZED SURFACES.
- E. SURFACES ENCLOSED IN INTERIOR CONSTRUCTION.
12. CLEAN ALL STEEL SURFACES TO BE PAINTED. REMOVE LOOSE RUST, MILL SCALE, SPATTER, SLAG, OR FLUX DEPOSITS. PREPARE SURFACES IN ACCORDANCE WITH SSPC-SP3 SPECIFICATION AND STANDARD.

STRUCTURAL STEEL NOTES CONT:

14. HOT-DIP GALVANIZE AFTER FABRICATION THE FOLLOWING:
- A. ANGLES AND PLATES SUPPORTING MASONRY IN EXTERIOR WALLS.
- B. LINTELS AND LINTEL ASSEMBLIES SUPPORTING MASONRY IN EXTERIOR WALLS.
- C. ALL STEEL EXPOSED TO WEATHER IN THE FINAL CONSTRUCTION.
- D. ITEMS IDENTIFIED AS GALVANIZED ON ARCHITECTURAL OR STRUCTURAL DRAWINGS.
15. STEEL MEMBERS MUST BE SPICED ONLY WHERE INDICATED.
16. LOCATE CONSTRUCTION JOINTS FOR SLABS ON METAL DECK MIDWAY BETWEEN BEAMS WHERE THE JOINT IS PARALLEL TO THE BEAM SPAN. LOCATE JOINTS WITHIN THE MIDDLE THIRD SPAN WHERE THE JOINT IS PERPENDICULAR TO THE BEAM SPAN. ANY STOP IN CONCRETE WORK MUST BE MADE WITH VERTICAL BULKHEADS, UNLESS OTHERWISE SHOWN. REINFORCING TO BE CONTINUOUS THROUGH JOINTS.
17. REFERENCE SPECIFICATIONS FOR ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) LOCATIONS AND CATEGORIES.

STEEL JOIST NOTES:

1. STEEL JOISTS MUST BE IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE (SJI) STANDARD SPECIFICATIONS.
2. STEEL JOISTS DESOGNATED "SP" ON PLANS ARE SPECIAL JOISTS WHICH MUST BE DESIGNED FOR THE SPECIAL CRITERIA INDICATED.
3. JOIST BRIDGING MUST CONFORM TO SJI SPECIFICATIONS, INCLUDING BRIDGING REQUIRED FOR JOISTS SUBJECTED TO UPLIFT LOADS. PROVIDE CROSS-BRIDGING AT ENDS OF BRIDGING LINES AND CHANGES IN JOIST DEPTHS AND AT ROLLED STEEL SHAPES RUNNING PARALLEL TO JOISTS. BRIDGING SHOWN MUST BE PROVIDED. IN ADDITION TO THE REQUIRED STANDARD BRIDGING, ENDS OF ALL BRIDGING LINES MUST BE ANCHORED TO WALLS OR BEAMS.
4. ROOF JOISTS MUST BE DESIGNED FOR A NET UPLIFT LOAD (LRFD) OR (ULTIMATE) OF 30 PSF.
5. ALL JOISTS MUST BE DESIGNED FOR A CONCENTRATED LOAD OF 300 LBS. HUNG FROM THE JOIST TOP OR BOTTOM CHORD AT ANY POINT ALONG THE SPAN.
6. STEEL JOISTS SCHEDULED TO RECEIVE SPRAYED-ON FIREPROOFING MUST NOT BE PRIME PAINTED.
7. PERMANENT SUSPENDED LOADS MUST NOT BE SUPPORTED BY JOIST BRIDGING.
8. SUBMIT SPRINKLER SHOP DRAWINGS INCLUDING LOADS AND LOCATIONS PRIOR TO FABRICATION OF JOISTS.
9. COMPLY WITH OSHA SAFETY STANDARDS FOR THE ERECTION OF STEEL JOISTS.
10. THE CONTRACTOR MUST SUBMIT SHOP DRAWINGS AND CALCULATIONS PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NORTH CAROLINA FOR THE DESIGN OF SPECIAL JOISTS, OR JOISTS INDICATED TO COMPLY WITH SPECIFIC LOADING REQUIREMENTS.

STEEL DECK NOTES:

1. STEEL DECK MUST BE IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI), "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" AND THE STEEL DECK INSTITUTE (SDI), "DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS, AND ROOF DECKS."
2. STEEL DECK INSTALLATION MUST COMPLY WITH THE FOLLOWING:
- A. ROOF DECK: 1 1/2" x 20 GAGE TYPE 'B' GALVANIZED, UNLESS OTHERWISE NOTED, ATTACH DECK TO SUPPORTS WITH #12 SELF-TAPPING HEX HEAD SCREWS IN ALL RIBS WHERE END LAPS OCCUR AND AT 12 INCHES ON CENTER ALONG SUPPORTS WITH A 36/4 PATTERN. FASTEN SIDE LAPS WITH #10 SELF-TAPPING HEX HEAD SCREWS AT 1/4 POINTS BETWEEN SUPPORTS. FASTEN EDGEMOST DECK PANEL TO STEEL FRAMING WITH #10 SELF-TAPPING HEX HEAD SCREWS AT SAME SPACING AS SIDELAP FASTENERS.
- B. FORM DECK: 1 1/2" x 20 GAGE TYPE 'C' GALVANIZED, UNLESS OTHERWISE NOTED, ATTACH DECK TO SUPPORTS WITH 5/8 INCH DIAMETER PUDDLE WELDS AT 12 INCHES ON CENTER. FASTEN SIDELAPS WITH #10 SELF-TAPPING HEX HEAD SCREWS AT 1/3 POINTS BETWEEN SUPPORTS. FASTEN EDGEMOST DECK PANEL TO STEEL FRAMING WITH 5/8 INCH DIAMETER PUDDLE WELDS AT SAME SPACING AS SIDELAP FASTENERS.
3. STEEL DECK MUST BE INSTALLED PERPENDICULAR TO SUPPORTS AND MUST HAVE A MINIMUM OF THREE CONTINUOUS SPANS. ENDLAPS MUST ONLY OCCUR AT SUPPORTS.
4. WELDING MUST BE IN ACCORDANCE WITH AWS D1.3 "STRUCTURAL WELDING CODE - SHEET STEEL".
5. PERMANENT SUSPENDED LOADS MUST NOT BE SUPPORTED BY STEEL ROOF DECK.
6. STEEL DECK SCHEDULED TO RECEIVE SPRAYED-ON FIREPROOFING MUST BE GALVANIZED.
7. CONDUIT AND PIPING MUST NOT BE PLACED IN ELEVATED SLABS.



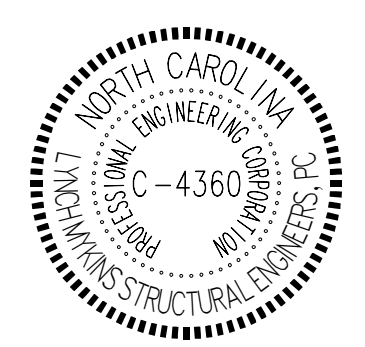
PROJECT INFORMATION

lynchmykins
STRUCTURAL ENGINEERS
301 N. West Street, Suite 105
Raleigh, NC 27603
919.782.1833 - lynchmykins.com
LH Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



02/01/2025

DKA JOB NUMBER

2401

REVISIONS

| | | |
|---|-------------|----------|
| 2 | ADDENDUM #2 | 2/7/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be copied or used for any purpose without written permission.
Copyright © 2015 by Davis Kane Architects, P.A.
All rights reserved.

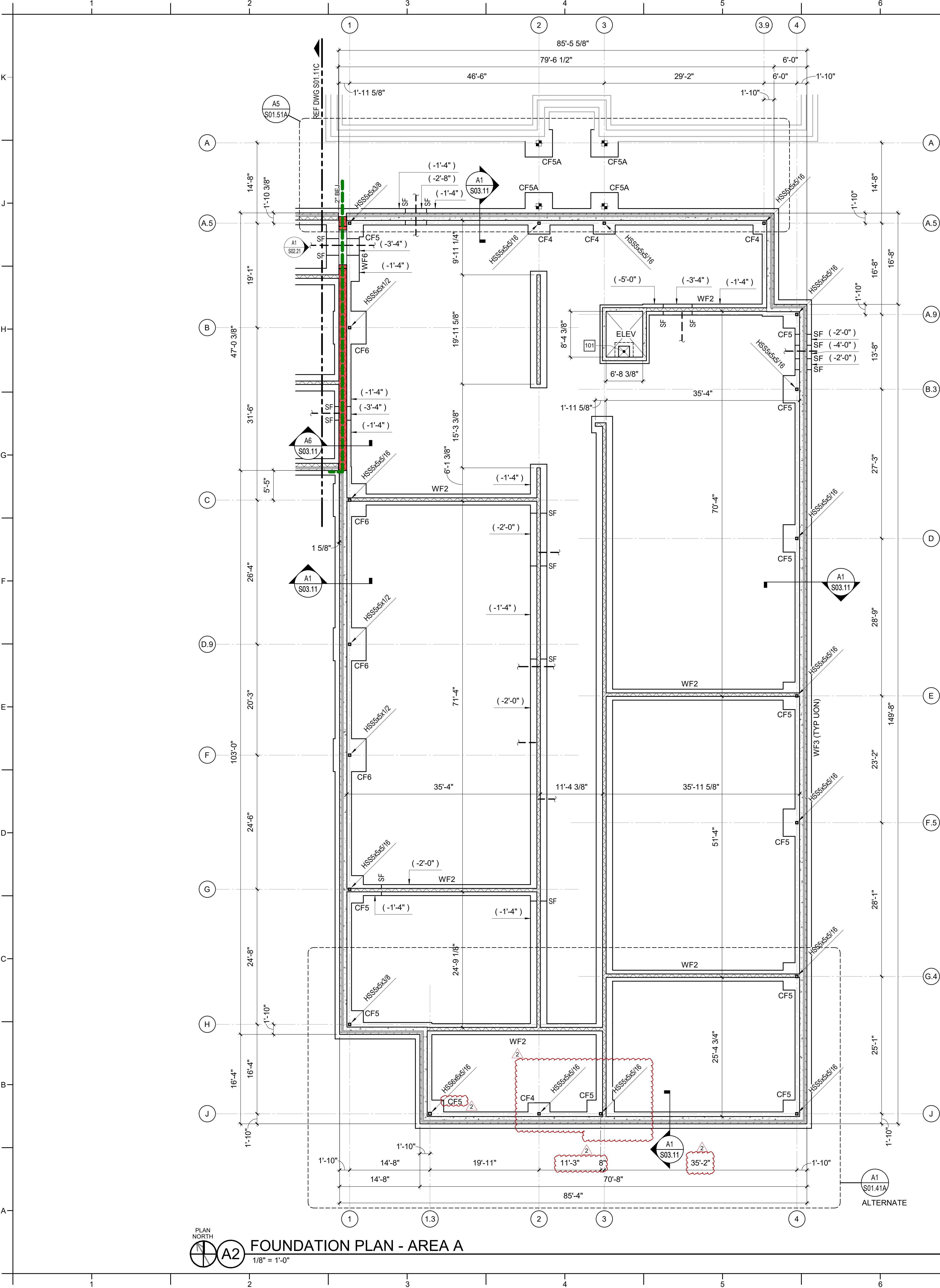
PE: DTO
DE: LM
Drawn By: SSO
Plot Date: 2/7/2025 2:26:24 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
GENERAL NOTES

S00.01



PLAN NORTH
A2
FOUNDATION PLAN - AREA A
1/8" = 1'-0"

| COLUMN FOOTING SCHEDULE | | | | | |
|-------------------------|---------|---------|-------|-------------|-----------|
| MARK | SIZE | | | REINFORCING | |
| | LENGTH | WIDTH | DEPTH | BOTTOM | TOP |
| CF4 | 4' - 0" | 4' - 0" | 1'-0" | (5) #5 EW | (5) #5 EW |
| CF5 | 5' - 0" | 5' - 0" | 1'-2" | (6) #5 EW | (6) #5 EW |
| CF5A | 5' - 0" | 5' - 0" | 3'-0" | (7) #7 EW | (7) #7 EW |
| CF6 | 6' - 0" | 6' - 0" | 1'-6" | (7) #5 EW | (7) #5 EW |

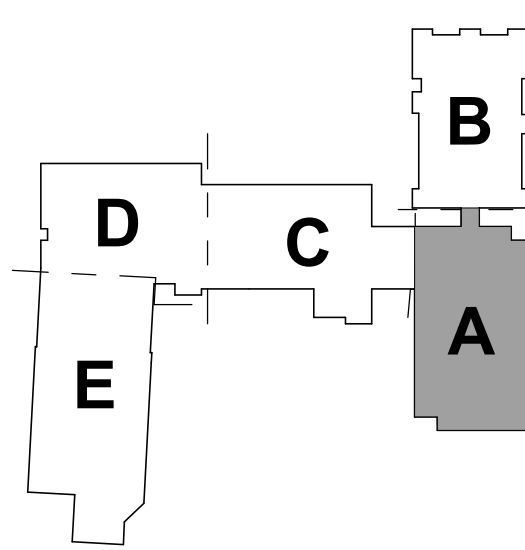
| WALL FOOTING SCHEDULE | | | | | |
|-----------------------|---------|-------|------------------|------------------------|--|
| MARK | SIZE | | REINFORCING | | |
| | WIDTH | DEPTH | CONTINUOUS | TRANSVERSE | |
| WF2 | 2' - 0" | 1'-0" | (3) #5 BOT | #5 AT 24" OC BOT | |
| WF3 | 3' - 0" | 1'-0" | (4) #5 BOT | #5 AT 24" OC BOT | |
| WF5 | 5' - 0" | 1'-8" | (6) #6 BOT | #6 AT 12" OC BOT | |
| WF6 | 6' - 0" | 1'-6" | (7) #6 TOP & BOT | #6 AT 12" OC TOP & BOT | |

FOUNDATION PLAN NOTES

- A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.
- B. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131.14'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.
- C. TOP OF ALL FOOTINGS MUST BE AT ELEVATION -1'-4" UNLESS OTHERWISE NOTED.
- D. NOT ALL UTILITY LOCATIONS ARE SHOWN ON PLAN. THE CONTRACTOR MUST COORDINATE THE LOCATIONS, SIZES, AND INVERTS OF UTILITIES. AT LOCATIONS WHERE UTILITIES PASS BELOW THE TOP OF FOOTING ELEVATION, STEP THE TOP OF FOOTING DOWN ON EACH SIDE PER THE "TYPICAL STEPPED FOOTING DETAIL" AND SLEEVE THE UTILITY THROUGH THE FOUNDATION WALL. THE CONTRACTOR MAY, AT HIS/HER OPTION, SLEEVE THE UTILITY THROUGH THE FOUNDATION PER THE "TYPICAL PIPE SLEEVE AT WALL FOOTING DETAILS."
- E. UNLESS OTHERWISE INDICATED, EXTEND WALL FOOTINGS A MINIMUM OF 6 INCHES BEYOND ENDS OF WALLS.
- F. NOT ALL SITE WALLS ARE SHOWN ON PLAN. CONTRACTOR MUST COORDINATE CIVIL AND LANDSCAPE DRAWINGS FOR SITE WALL INFORMATION.
- G. DIMENSIONS SHOWN ON FOUNDATION PLAN ARE TO COLUMN GRIDLINES AND OUTSIDE FACE OF WALL ASSEMBLY, UNLESS OTHERWISE NOTED.
- H. DIMENSIONS TO ELEVATOR PIT FOR BIDDING PURPOSES ONLY. CONTRACTOR TO COORDINATE WITH EQUIPMENT PURCHASED.

KEY NOTES

- 101 2'-0" SQUARE SUMP PIT FOR ELEVATOR. REFERENCE TYPICAL DETAIL. COORDINATE LOCATION WITH PLUMBING DRAWINGS AND ELEVATOR MANUFACTURER.



KEY PLAN - 1ST FLOOR
NTS



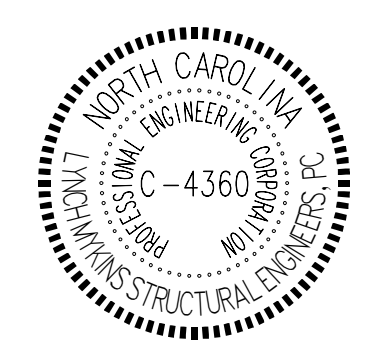
PROJECT INFORMATION



ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

REVISIONS

| | | |
|---|-------------|----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/7/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2016 by Davis Kane Architects, P.A. All rights reserved.

PE: DTO
DE: LM
Drawn By: SSO
Plot Date: 2/7/2025 2:26:25 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

FOUNDATION PLAN - AREA A

S01.11A

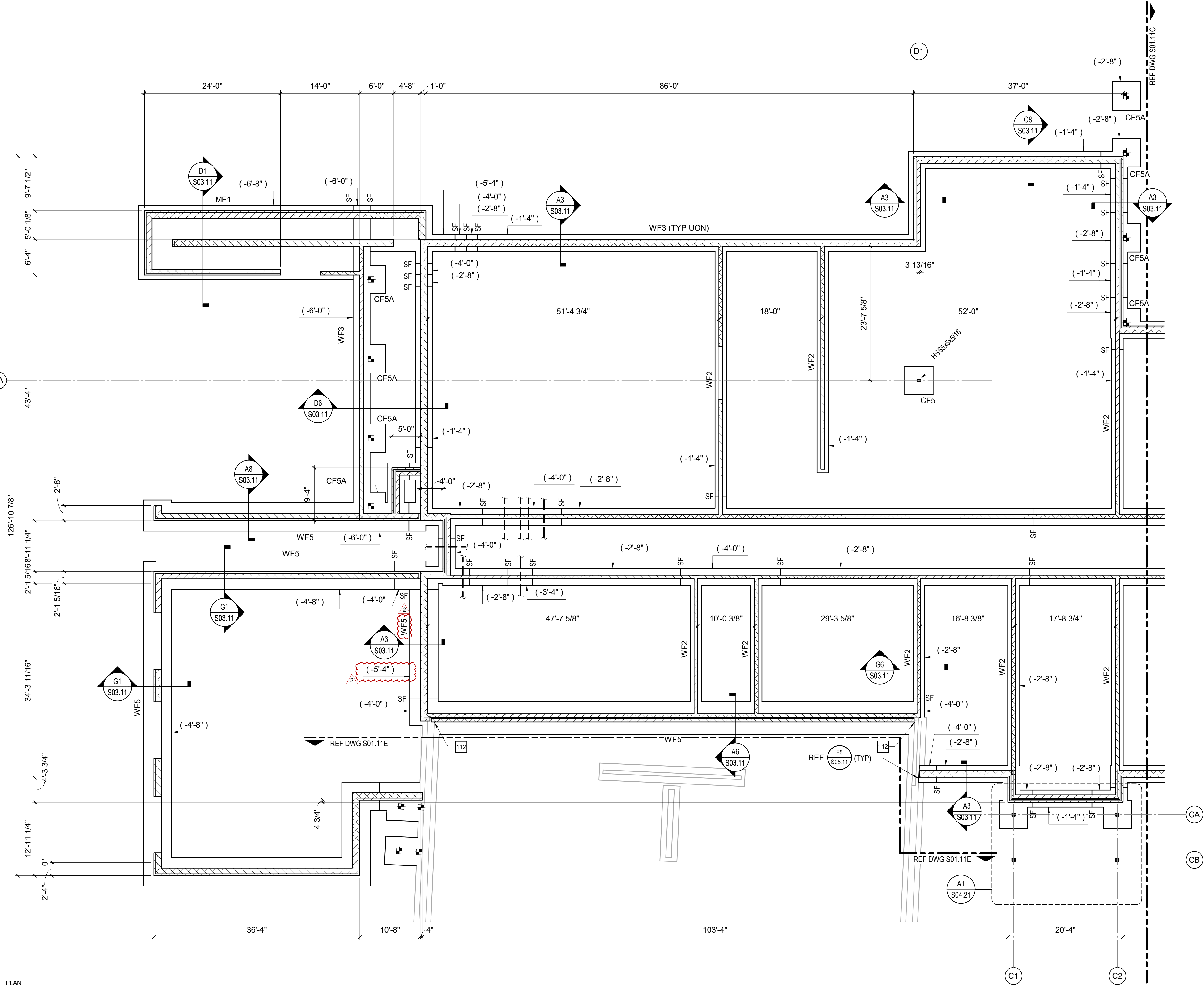
| MAT FOOTING SCHEDULE | | | | | |
|----------------------|-------|-----------------|-----------------|---------|--|
| MARK | DEPTH | REINFORCING | | REMARKS | |
| | | BOTTOM | TOP | | |
| MF1 | 1'-6" | #6 AT 12" OC EW | #6 AT 12" OC EW | - | |
| MF1 | 1'-6" | #6 AT 12" OC EW | #6 AT 12" OC EW | - | |

| COLUMN FOOTING SCHEDULE | | | | | |
|-------------------------|---------|---------|-------|-------------|-----------|
| MARK | SIZE | | | REINFORCING | |
| | LENGTH | WIDTH | DEPTH | BOTTOM | TOP |
| CF4 | 4' - 0" | 4' - 0" | 1'-0" | (5) #5 EW | (5) #5 EW |
| CF5 | 5' - 0" | 5' - 0" | 1'-2" | (6) #5 EW | (6) #5 EW |
| CF5A | 5' - 0" | 5' - 0" | 3'-0" | (7) #7 EW | (7) #7 EW |
| CF6 | 6' - 0" | 6' - 0" | 1'-6" | (7) #5 EW | (7) #5 EW |

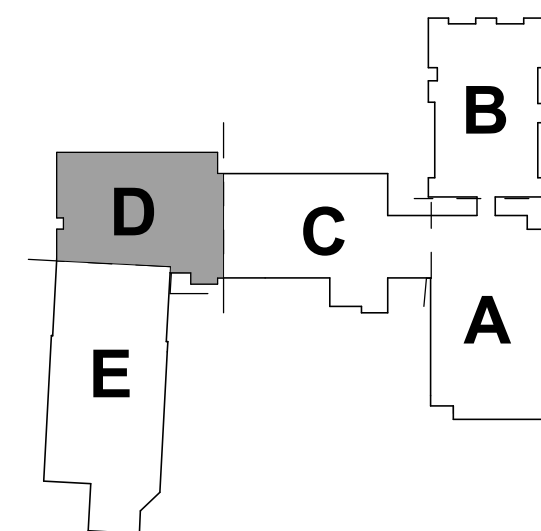
| WALL FOOTING SCHEDULE | | | | | |
|-----------------------|---------|-------|------------------|------------------------|--|
| MARK | SIZE | | REINFORCING | | |
| | WIDTH | DEPTH | CONTINUOUS | TRANSVERSE | |
| WF2 | 2' - 0" | 1'-0" | (3) #5 BOT | #5 AT 24" OC BOT | |
| WF3 | 3' - 0" | 1'-0" | (4) #5 BOT | #5 AT 24" OC BOT | |
| WF5 | 5' - 0" | 1'-6" | (6) #6 BOT | #6 AT 12" OC BOT | |
| WF6 | 6' - 0" | 1'-6" | (7) #6 TOP & BOT | #6 AT 12" OC TOP & BOT | |

- FOUNDATION PLAN NOTES**
- A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.
- B. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131.14'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.
- C. TOP OF ALL FOOTINGS MUST BE AT ELEVATION -1'-4" UNLESS OTHERWISE NOTED.
- D. NOT ALL UTILITY LOCATIONS ARE SHOWN ON PLAN. THE CONTRACTOR MUST COORDINATE THE LOCATIONS, SIZES, AND INVERTS OF UTILITIES. AT LOCATIONS WHERE UTILITIES PASS BELOW THE TOP OF FOOTING ELEVATION, STEP THE TOP OF FOOTING DOWN ON EACH SIDE PER THE "TYPICAL STEPPED FOOTING DETAIL" AND SLEEVE THE UTILITY THROUGH THE FOUNDATION WALL. THE CONTRACTOR MAY, AT HIS/HER OPTION, SLEEVE THE UTILITY THROUGH THE FOUNDATION PER THE "TYPICAL PIPE SLEEVE AT WALL FOOTING DETAILS."
- E. UNLESS OTHERWISE INDICATED, EXTEND WALL FOOTINGS A MINIMUM OF 6 INCHES BEYOND ENDS OF WALLS.
- F. NOT ALL SITE WALLS ARE SHOWN ON PLAN. CONTRACTOR MUST COORDINATE CIVIL AND LANDSCAPE DRAWINGS FOR SITE WALL INFORMATION.
- G. DIMENSIONS SHOWN ON FOUNDATION PLAN ARE TO COLUMN GRIDLINES AND OUTSIDE FACE OF WALL ASSEMBLY, UNLESS OTHERWISE NOTED.
- H. DIMENSIONS TO ELEVATOR PIT FOR BIDDING PURPOSES ONLY. CONTRACTOR TO COORDINATE WITH EQUIPMENT PURCHASED.

- KEY NOTES**
- 112 CUT COURSE NEW CMU WALL AT FOUNDATION LEVEL TO MATCH COURSING OF EXISTING CMU. TOOTH NEW WALL INTO CORNERS AND PROVIDE CONTINUOUS VERTICAL REINFORCING.



PLAN NORTH
A1 FOUNDATION PLAN - AREA D
1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
NTS



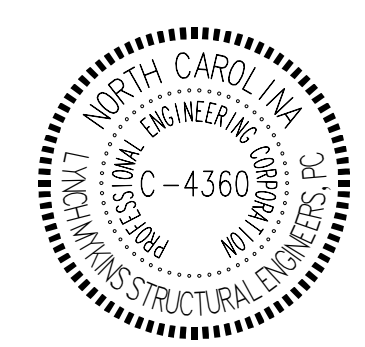
PROJECT INFORMATION



ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

| | | |
|---|-------------|----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/7/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2016 by Davis Kane Architects, P.A.
All rights reserved.

PE: DTO
DE: LM
Drawn By: SSO
Plot Date: 2/7/2025 2:26:29 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
FOUNDATION PLAN - AREA D

S01.11D



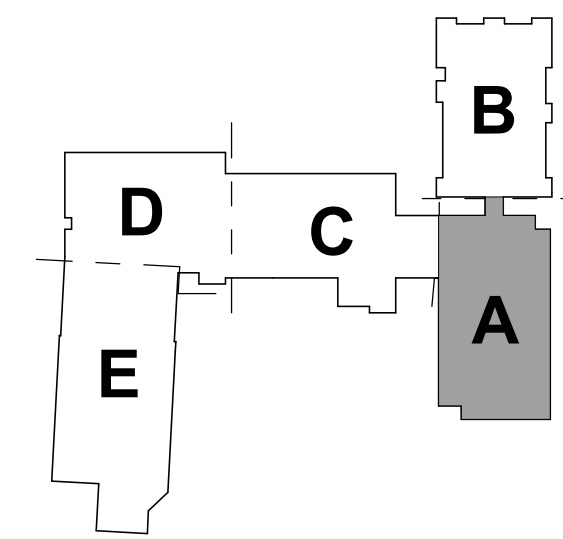
PLAN NORTH
A2
1ST FLOOR SLAB PLAN - AREA A
1/8" = 1'-0"

SLAB PLAN NOTES

- REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.
- UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131.14'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.
- REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LIMITS OF SLAB DEPRESSIONS AND OMITTED SLABS.
- FLOOR SINKS AND DRAINS ARE NOT SHOWN ON PLAN. REFERENCE PME DRAWINGS FOR LOCATIONS.
- REFERENCE CIVIL AND LANDSCAPE DRAWINGS FOR EXTERIOR CONCRETE SLABS AND PAVING.
- SLAB-ON-GRADE JOINTS MUST BE SAWED JOINTS OR KEYED CONSTRUCTION JOINTS. UNLESS OTHERWISE NOTED, CONTRACTOR MUST COORDINATE ALL SLAB JOINTS WITH JOINTS IN BONDED FLOOR FINISHES. REFERENCE ARCHITECTURAL DRAWINGS FOR FLOOR FINISH JOINT LOCATIONS.
- PLACE (1) #4 x 3'-0" IN MIDDEPTH OF SLAB AT RE-ENTRANT CORNERS WHERE A SLAB JOINT DOES NOT OCCUR.

KEY NOTES

- 5" CONCRETE SLAB-ON-GRADE OVER VAPOR RETARDER AND 4" DEPTH OF POROUS FILL UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH 8x8-W2.1xW2.1 WELDED WIRE REINFORCING PLACED 1 1/2" CLEAR BELOW TOP OF SLAB. MAINTAIN REINFORCEMENT IN POSITION ON BOLSTERS, CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.
- FLOOR DRAIN. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION. SLOPE SLAB 1/4" PER FOOT TOWARDS DRAIN FOR 2'-0" RADIUS AROUND CENTER OF DRAIN.



KEY PLAN - 1ST FLOOR
NTS



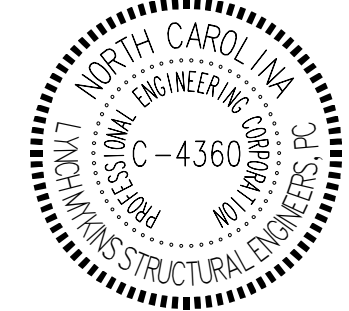
PROJECT INFORMATION



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|-------------|----------|
| 2 | ADDENDUM #2 | 2/7/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2015 by Davis Kane Architects, P.A.
All rights reserved.

PE: DTO
DE: LM
Drawn By: SSO
Plot Date: 2/7/2025 2:26:32 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
1ST FLOOR SLAB
PLAN - AREA A

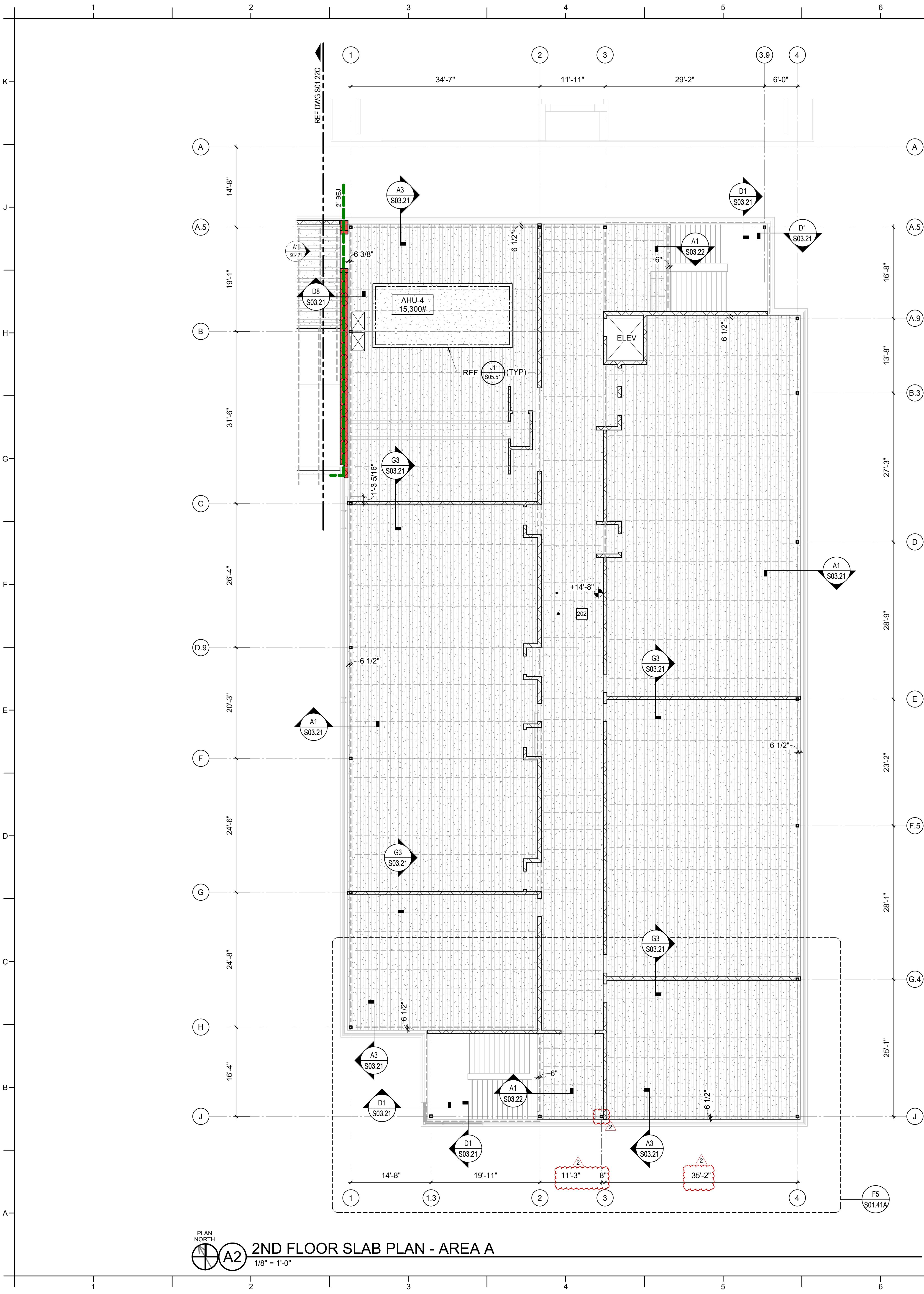
S01.12A


$$\frac{1}{8}'' = 1'-0''$$
$$\frac{1}{8}'' = 1'-0''$$

NTS



301.21A

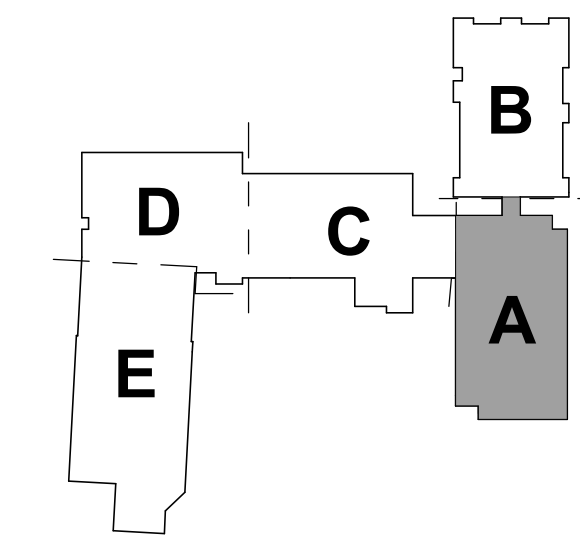


FRAMING PLAN NOTES

- A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
- B. TOP OF FINISHED FLOOR ELEVATION MUST BE AS NOTED ON SLAB PLANS.
- C. FLOOR JOISTS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).
- D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).
- E. CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.
- F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.
- G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS MUST BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.
- H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

KEY NOTES

- 202 2 1/2" CONCRETE SLAB ON 1 1/2" FORM DECK, (4" TOTAL) REINFORCED WITH 6x6-W4.0xW4.0 WELDED WIRE REINFORCING LOCATED 3/4" CLEAR FROM THE TOP OF FLUTES.



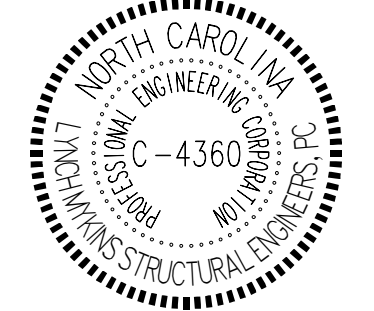
PROJECT INFORMATION

lynchmykins
CAD/LINE/COLOR/BAR/CREATE
Structural Engineers
301 N. West Street, Suite 105
Raleigh, NC 27603
919.782.1833 - lynchmykins.com
LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025
2 ADDENDUM #2 2/7/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2016 by Davis Kane Architects, P.A.
All rights reserved.

PE: DTO
DE: LM
Drawn By: SSO
Plot Date: 2/7/2025 2:26:37 PM

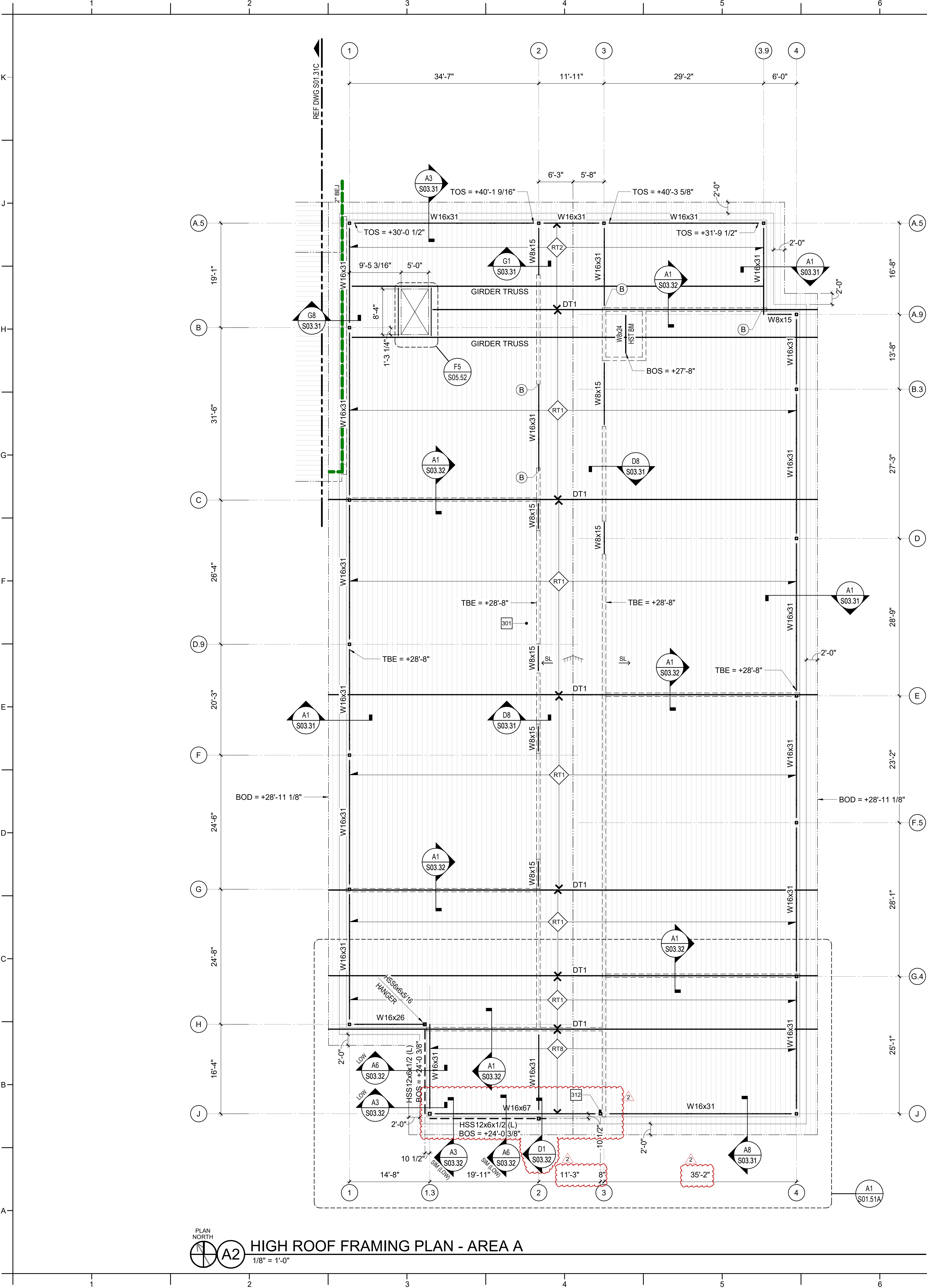
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

2ND FLOOR SLAB
PLAN - AREA A

S01.22A



PLAN NORTH
A2
HIGH ROOF FRAMING PLAN - AREA A
1/8" = 1'-0"

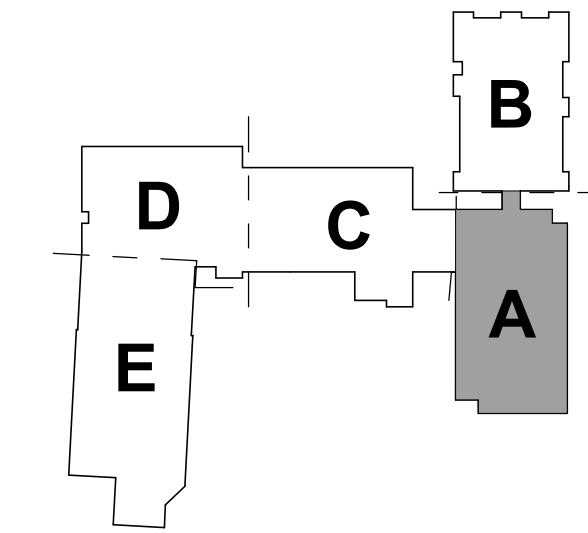
| TRUSS / JOIST FRAMING SCHEDULE | | | |
|--------------------------------|--------------------------------------------|---------|---------|
| MARK | DESCRIPTION | SPACING | REMARKS |
| RT1 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT2 | PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK) | 48" OC | - |
| RT3 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT4 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT5 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT6 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT7 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT8 | PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK) | 48" OC | - |
| RT9 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |

| DRAG TRUSS FRAMING SCHEDULE | | | |
|-----------------------------|-------------------------------|------------------------|---------------------------|
| MARK | DESCRIPTION | WIND DEMAND (ULTIMATE) | SEISMIC DEMAND (ULTIMATE) |
| DT1 | PREFAB COLD-FORMED DRAG TRUSS | 800 LB/FT | 700 LB/FT |
| DT2 | PREFAB COLD-FORMED DRAG TRUSS | 900 LB/FT | 600 LB/FT |
| DT3 | PREFAB COLD-FORMED DRAG TRUSS | 1,300 LB/FT | 500 LB/FT |

NOTE: DEMAND LOADS SHOW INDICATE THE REQUIRED CAPACITY AT TRUSS BOTTOM CHORD ATTACHMENT TO CMU WALL.

- ### FRAMING PLAN NOTES
- REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
 - TOP OF FINISHED FLOOR ELEVATION MUST BE AS NOTED ON SLAB PLANS.
 - FLOOR JOISTS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).
 - STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).
 - CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.
 - PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.
 - AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS MUST BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.
 - COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

- ### KEY NOTES
- 301 1 1/2" ROOF DECK. REFERENCE STEEL DECK NOTES.
312 BRACE TOP OF COLUMN TO FIRST OFFSET TRUSS.

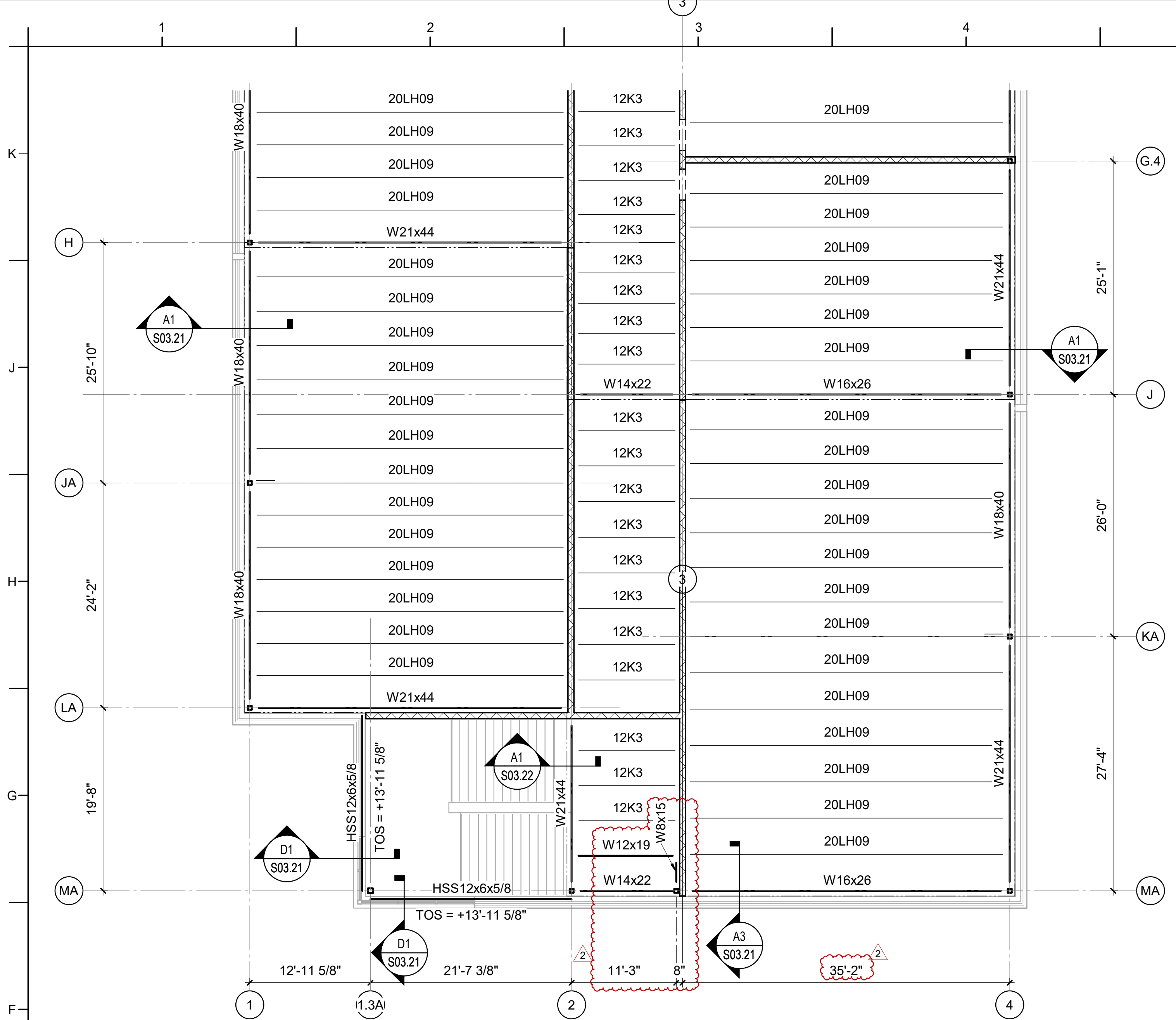


KEY PLAN - 1ST FLOOR
NTS

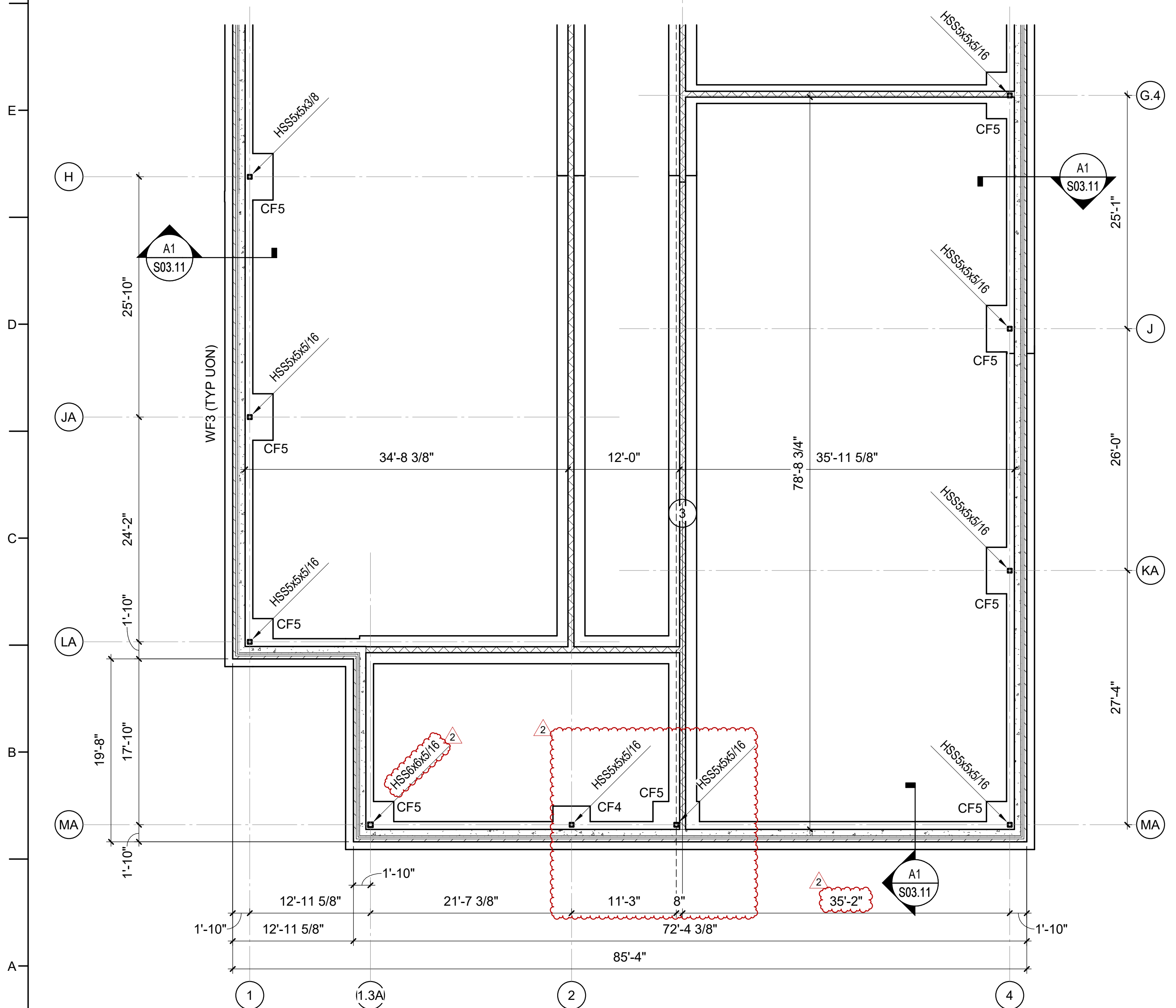
| REVISIONS | |
|-----------|----------------------|
| 2 | ADDENDUM #2 2/7/2025 |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2016 by Davis Kane Architects, P.A.
All rights reserved.

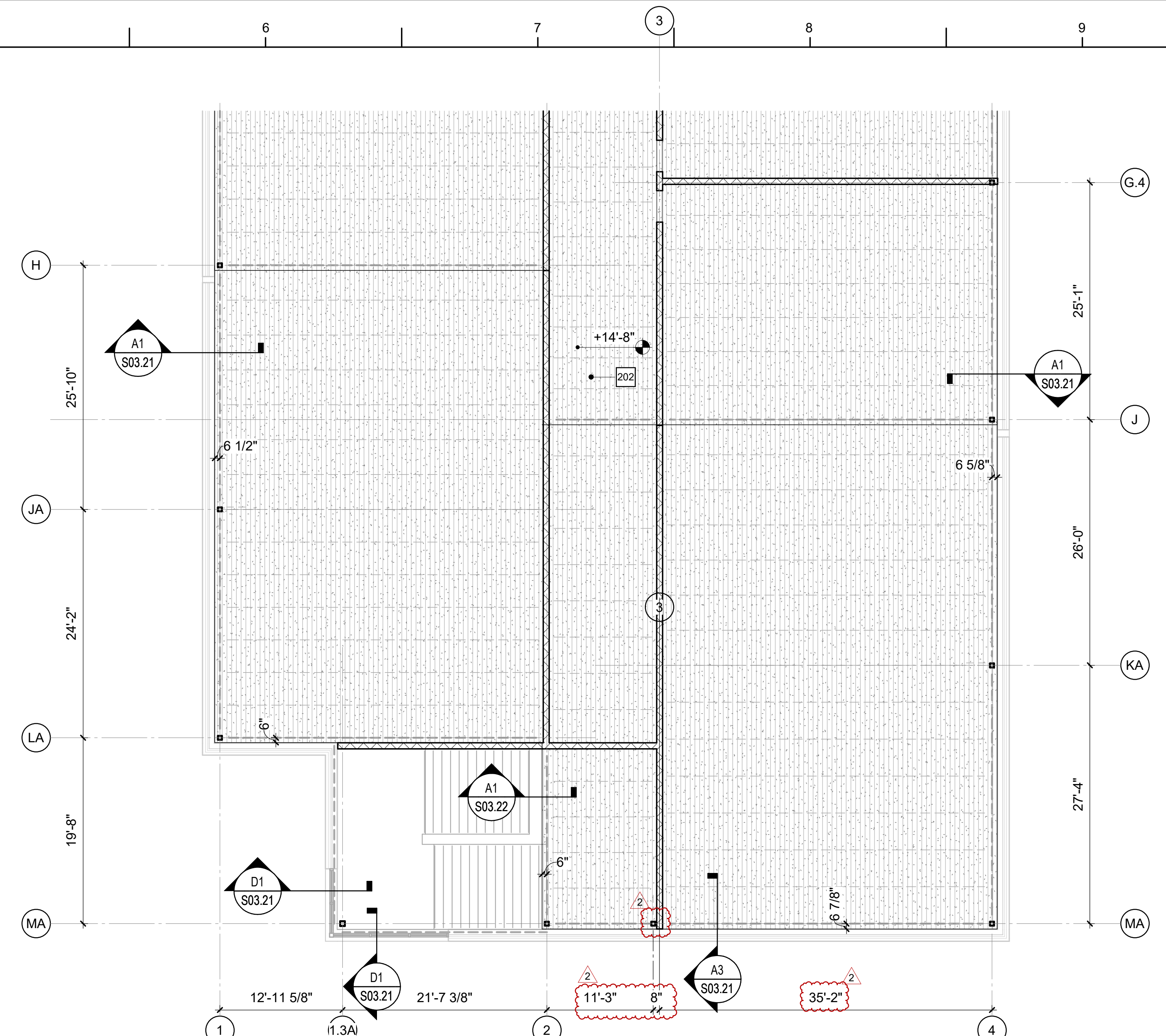
PE: DTO
DE: LM
SSO
Drawn By: SSO
Plot Date: 2/7/2025 2:26:38 PM



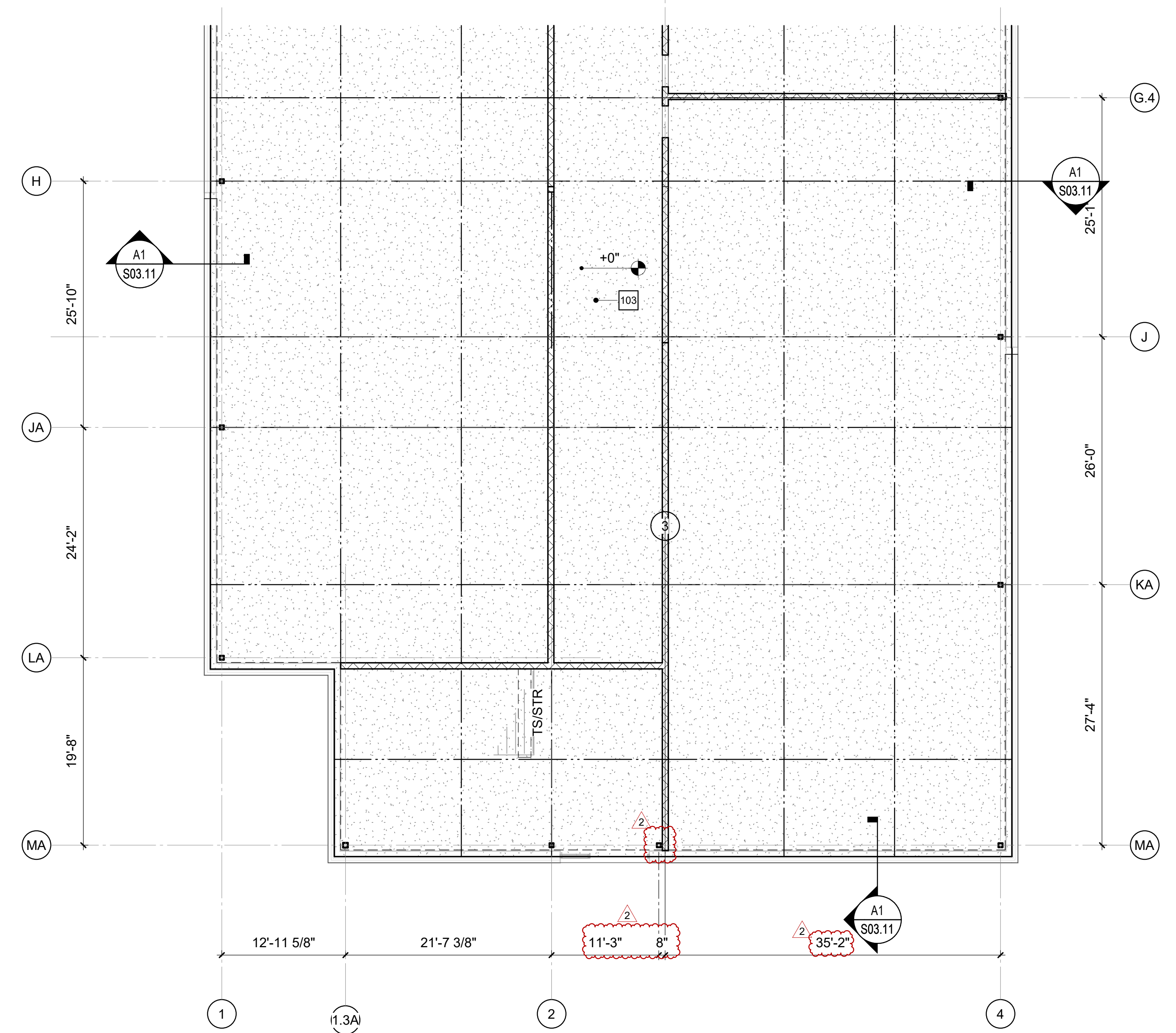
F1 SECOND FLOOR FRAMING PLAN - AREA A (BID ALT NO.1)
1/8" = 1'-0"



A1 FOUNDATION PLAN - AREA A (BID ALT NO.1)
1/8" = 1'-0"



F5 SECOND FLOOR SLAB PLAN - AREA A (BID ALT NO.1)
1/8" = 1'-0"



A5 FIRST FLOOR SLAB PLAN - AREA A (BID ALT NO.1)
1/8" = 1'-0"

KEY NOTES

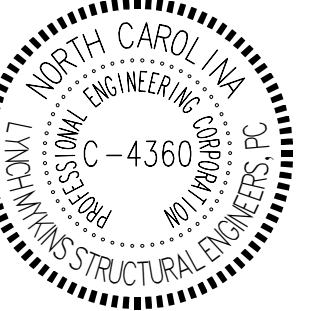
- 103 5" CONCRETE SLAB-ON-GRADE OVER VAPOR RETARDER AND 4" DEPTH OF POROUS FILL UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH 6x6-W2.1xW2.1 WELDED WIRE REINFORCING PLACED 1 1/2" CLEAR BELOW TOP OF SLAB. MAINTAIN REINFORCEMENT IN POSITION ON BOLSTERS, CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.
- 202 2 1/2" CONCRETE SLAB ON 1 1/2" FORM DECK, (4" TOTAL) REINFORCED WITH 6x6-W4.0xW4.0 WELDED WIRE REINFORCING LOCATED 3/4" CLEAR FROM THE TOP OF FLUTES.

PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS**

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|-------------|----------|
| 2 | ADDENDUM #2 | 2/7/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

PE: DTO
DE: LM
Drawn By: SSO
Plot Date: 2/10/2025 10:45:33 AM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
AREA A ALTERNATE PLANS

S01.41A

| TRUSS / JOIST FRAMING SCHEDULE | | | |
|--------------------------------|--------------------------------------------|---------|---------|
| MARK | DESCRIPTION | SPACING | REMARKS |
| RT1 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT2 | PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK) | 48" OC | - |
| RT3 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT4 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT5 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT6 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT7 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |
| RT8 | PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK) | 48" OC | - |
| RT9 | PREFAB COLD-FORMED ROOF TRUSS | 48" OC | - |

KEY NOTES

- 103 5" CONCRETE SLAB-ON-GRADE OVER VAPOR RETARDER AND 4" DEPTH OF POROUS FILL UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH 6x6-W2 1xW2 1 WELDED WIRE REINFORCING PLACED 1 1/2' CLEAR BELOW TOP OF SLAB. MAINTAIN REINFORCEMENT IN POSITION ON BOLSTERS, CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.
- 114 TOOTH NEW CMU WALL INTO EXISTING BUILDING CMU. REINFORCE CELL WITH #5 BAR DRILLED AND EPOXIED WITH HILTI-HIT HY200 EPOXY WITH 6" EMBED INTO EXISTING SLAB AND FOOTING.
- 301 1 1/2" ROOF DECK. REFERENCE STEEL DECK NOTES.
- 312 BRACE TOP OF COLUMN TO FIRST OFFSET TRUSS.

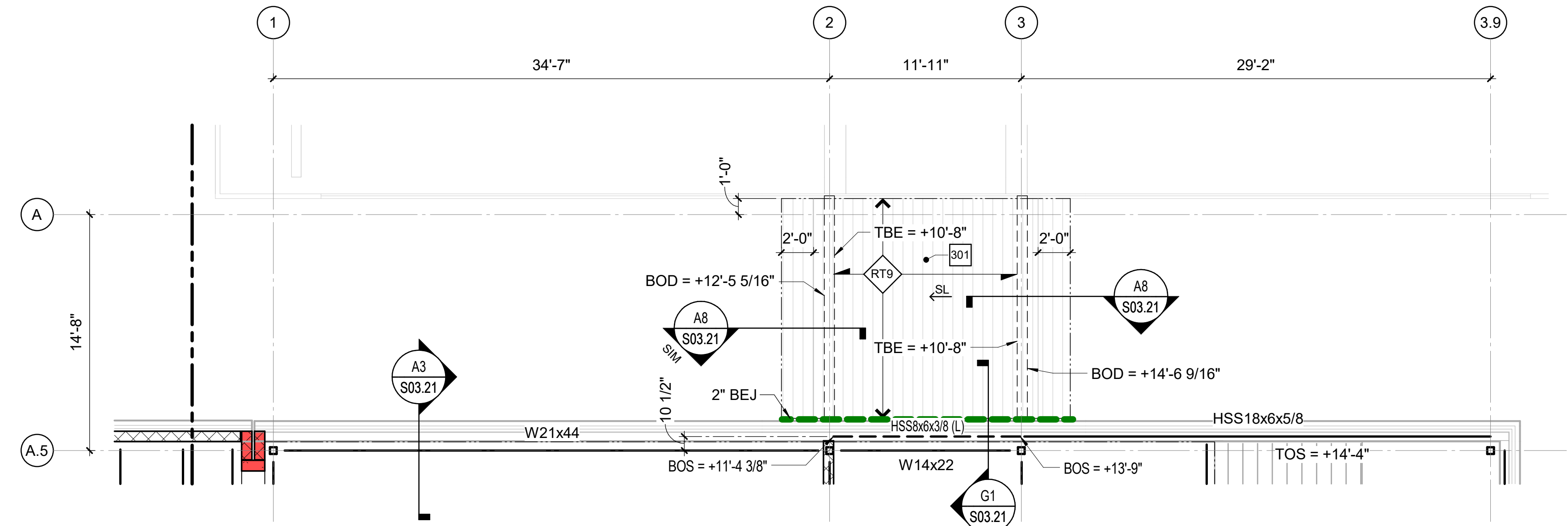


PROJECT INFORMATION

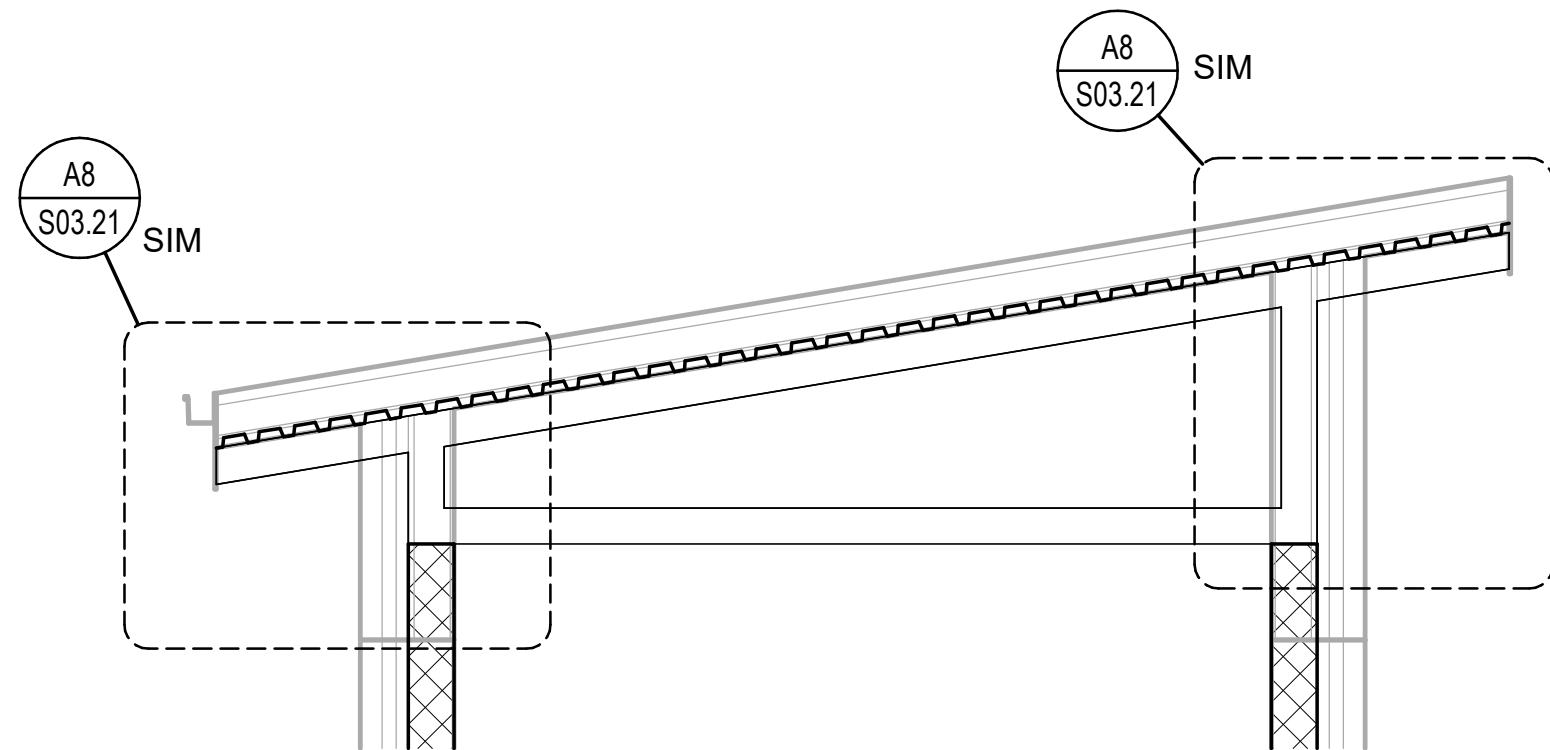


ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

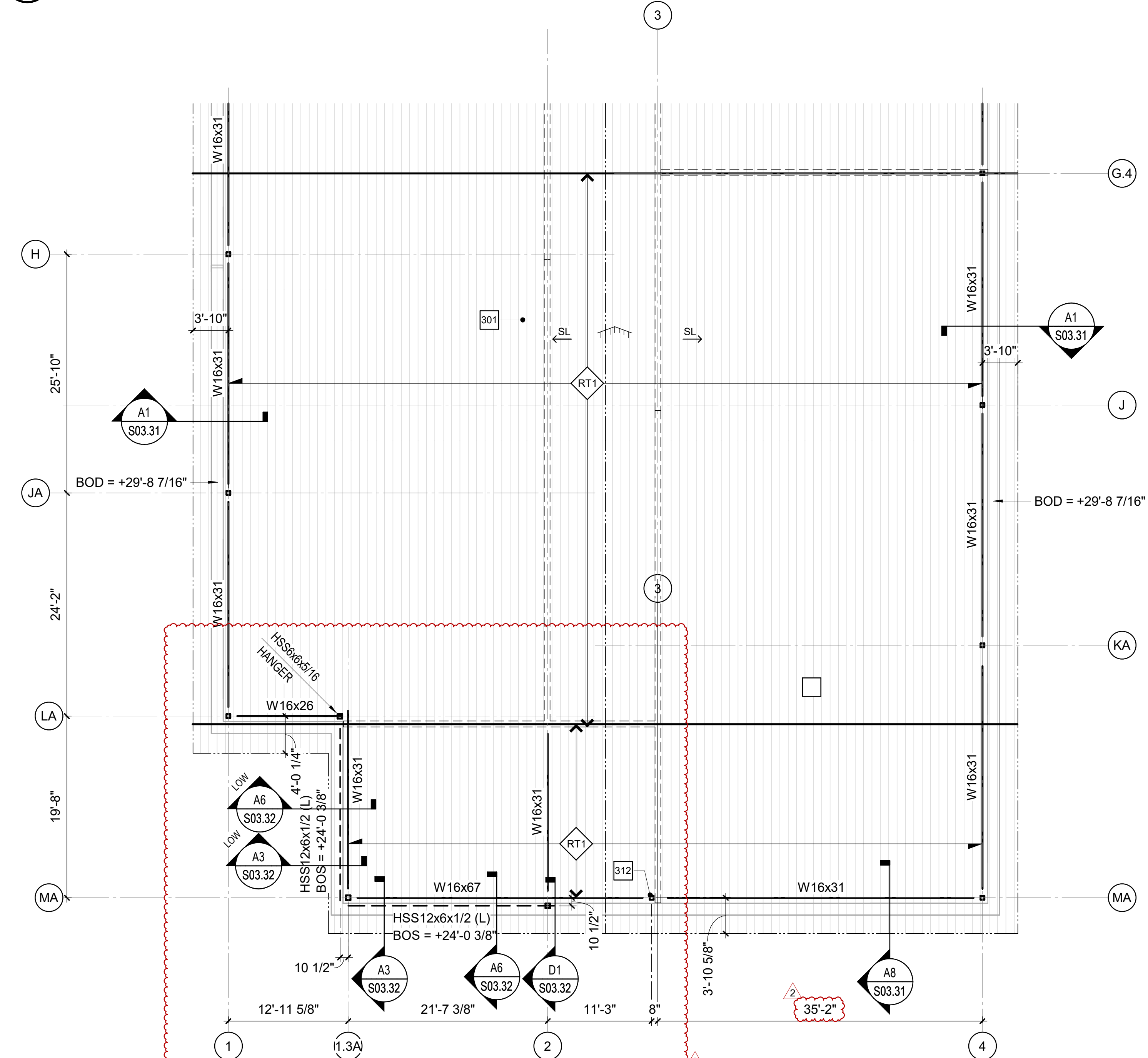
541 North Carolina 581 S. Goldsboro, NC 27530



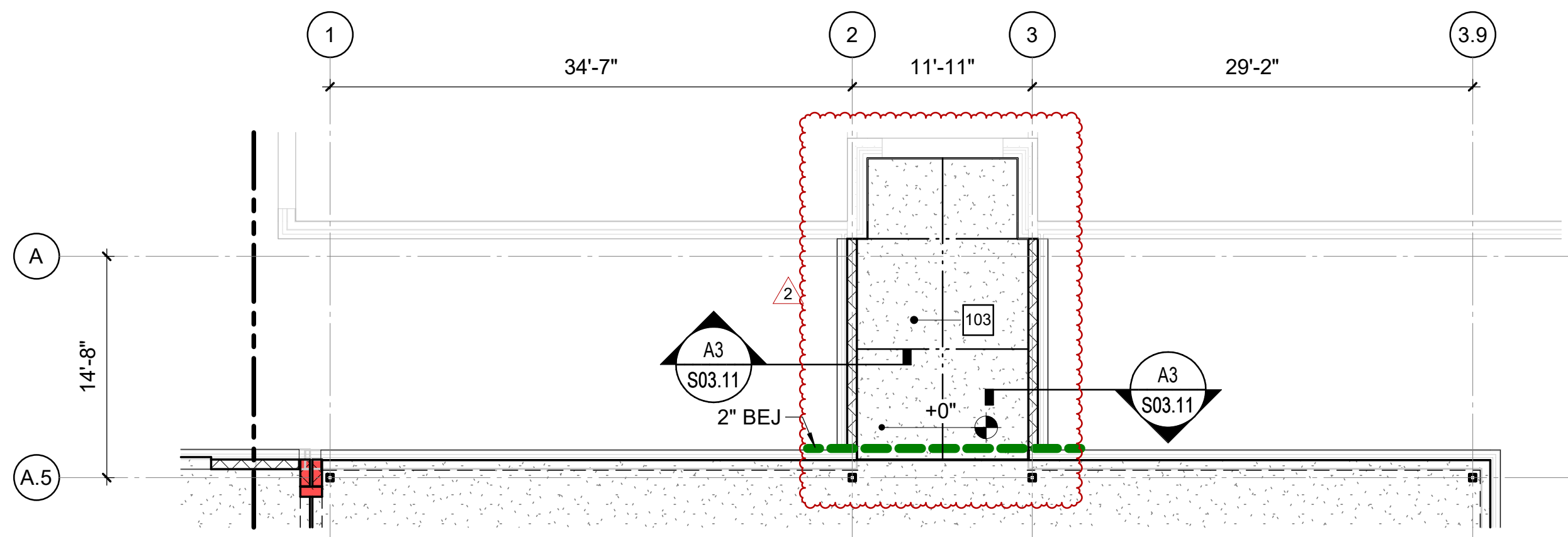
F1 SECOND FLOOR FRAMING PLAN - AREA A (BID ALT NO.2)
3/16" = 1'-0"



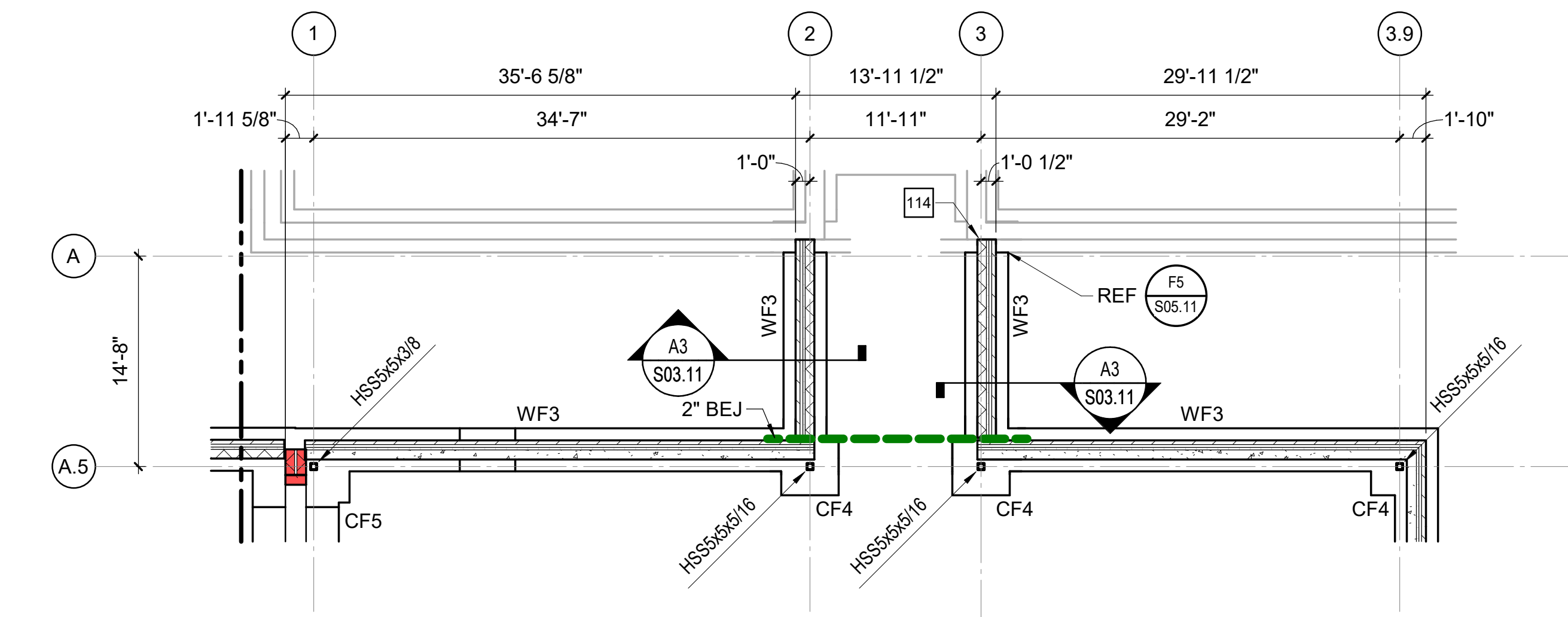
F6 TRUSS ELEVATION 'RT9'
3/8" = 1'-0"



A1 ROOF FRAMING PLAN - AREA A (BID ALT NO.1)
1/8" = 1'-0"

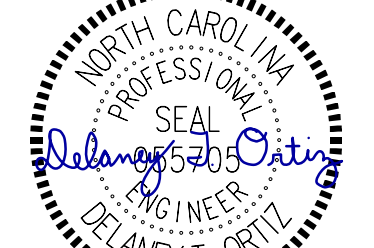
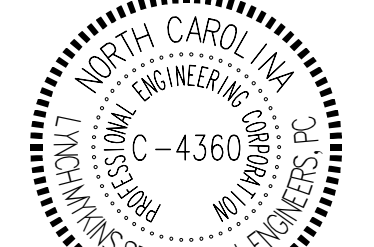


C5 FIRST FLOOR SLAB PLAN - AREA A (BID ALT NO.2)
1/8" = 1'-0"



A5 FOUNDATION PLAN - AREA A (BID ALT NO.2)
1/8" = 1'-0"

SEALS



DKA JOB NUMBER

2401

REVISIONS

| | | |
|---|-------------|----------|
| 1 | ADDENDUM #1 | 2/3/2025 |
| 2 | ADDENDUM #2 | 2/7/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

PE: DTO
DE: LM
Drawn By: SSO
Plot Date: 2/10/2025 10:45:33 AM

DATE ISSUED

BID DOCUMENTS

01/10/2025

SHEET TITLE

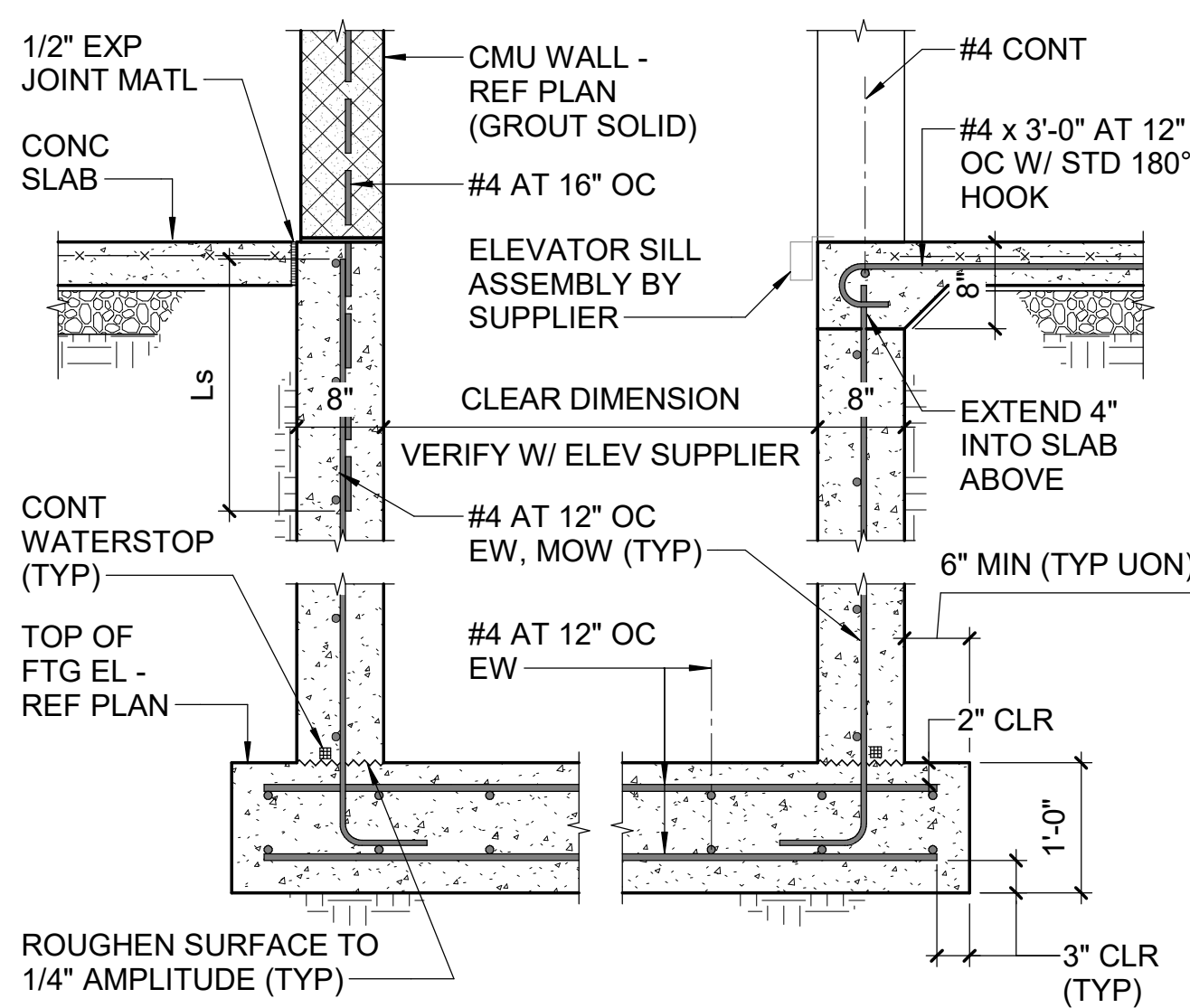
AREA A ALTERNATE PLANS

S01.51A

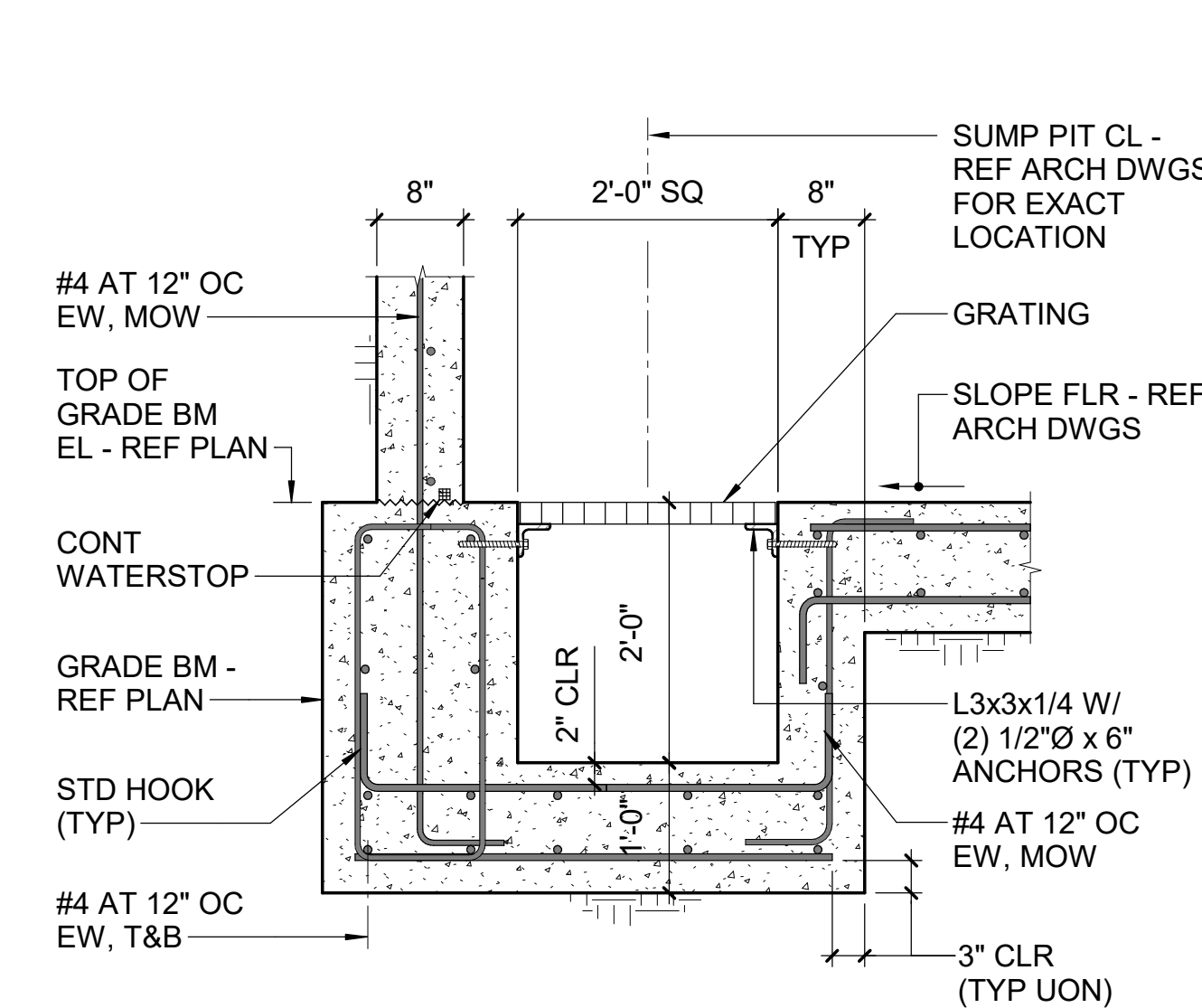
| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

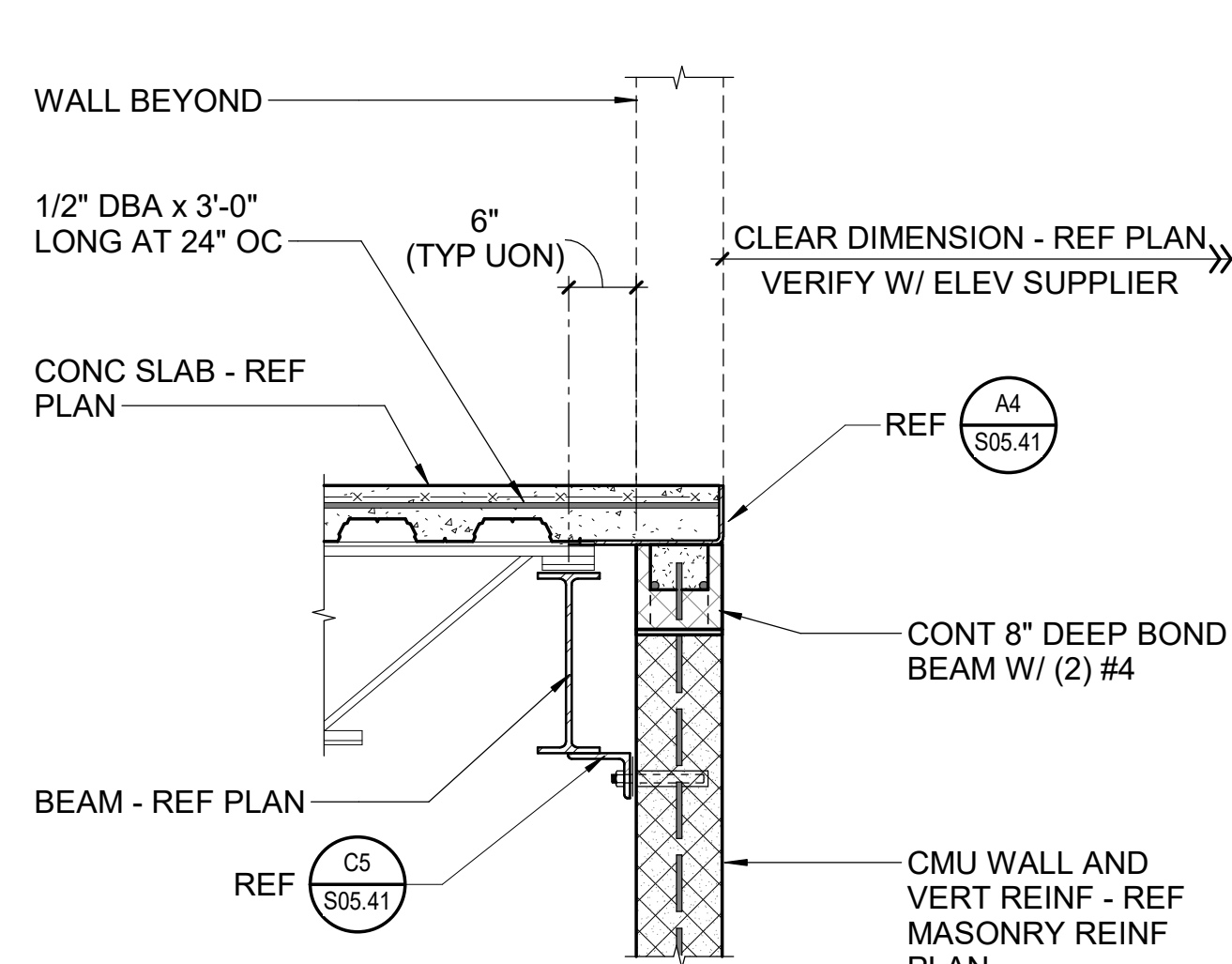
PE: DTO
DE: LM
Drawn By: SSO
Plot Date: 2/7/2025 2:26:45 PM



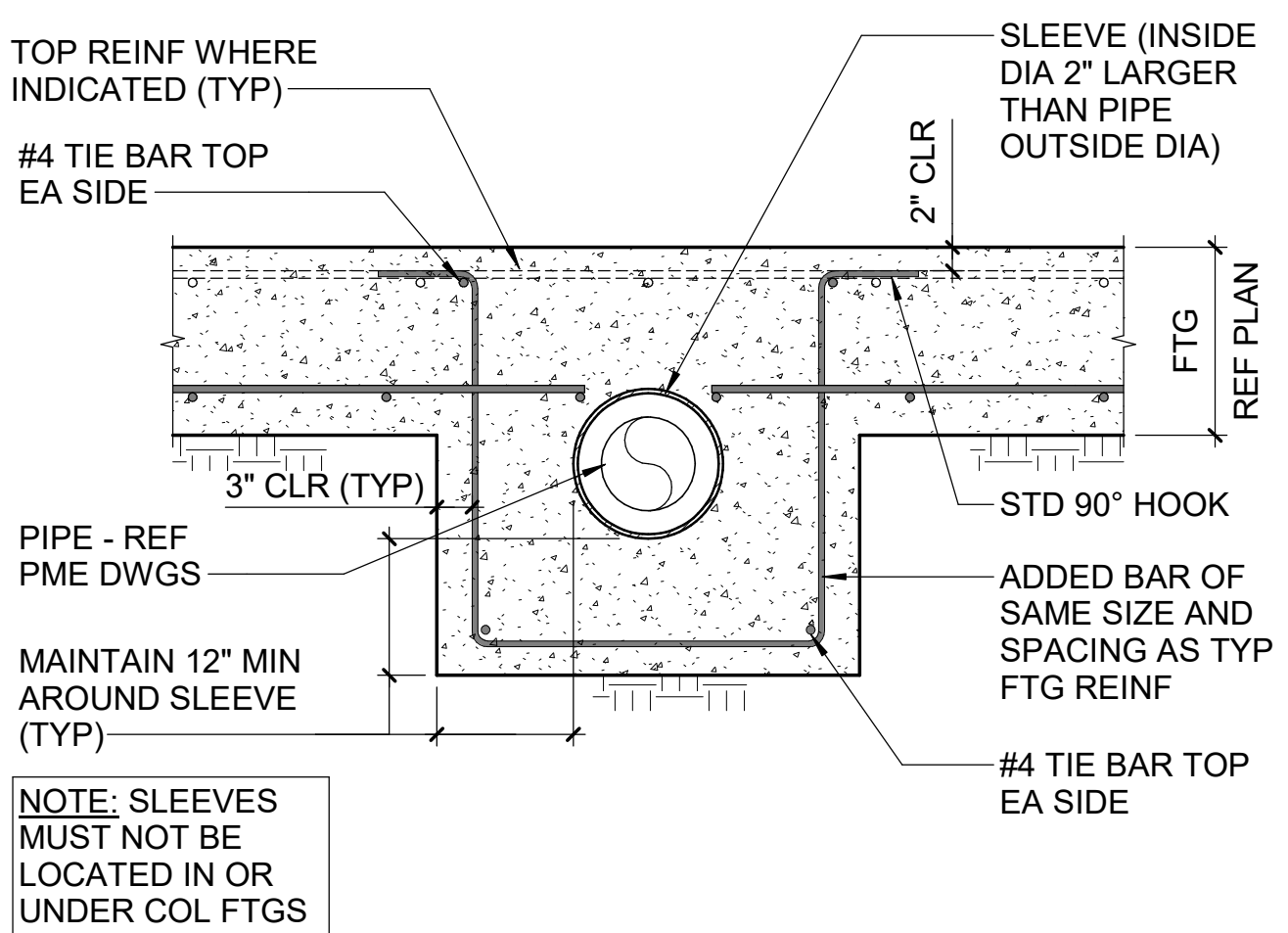
H1 TYPICAL ELEVATOR PIT DETAIL
NTS



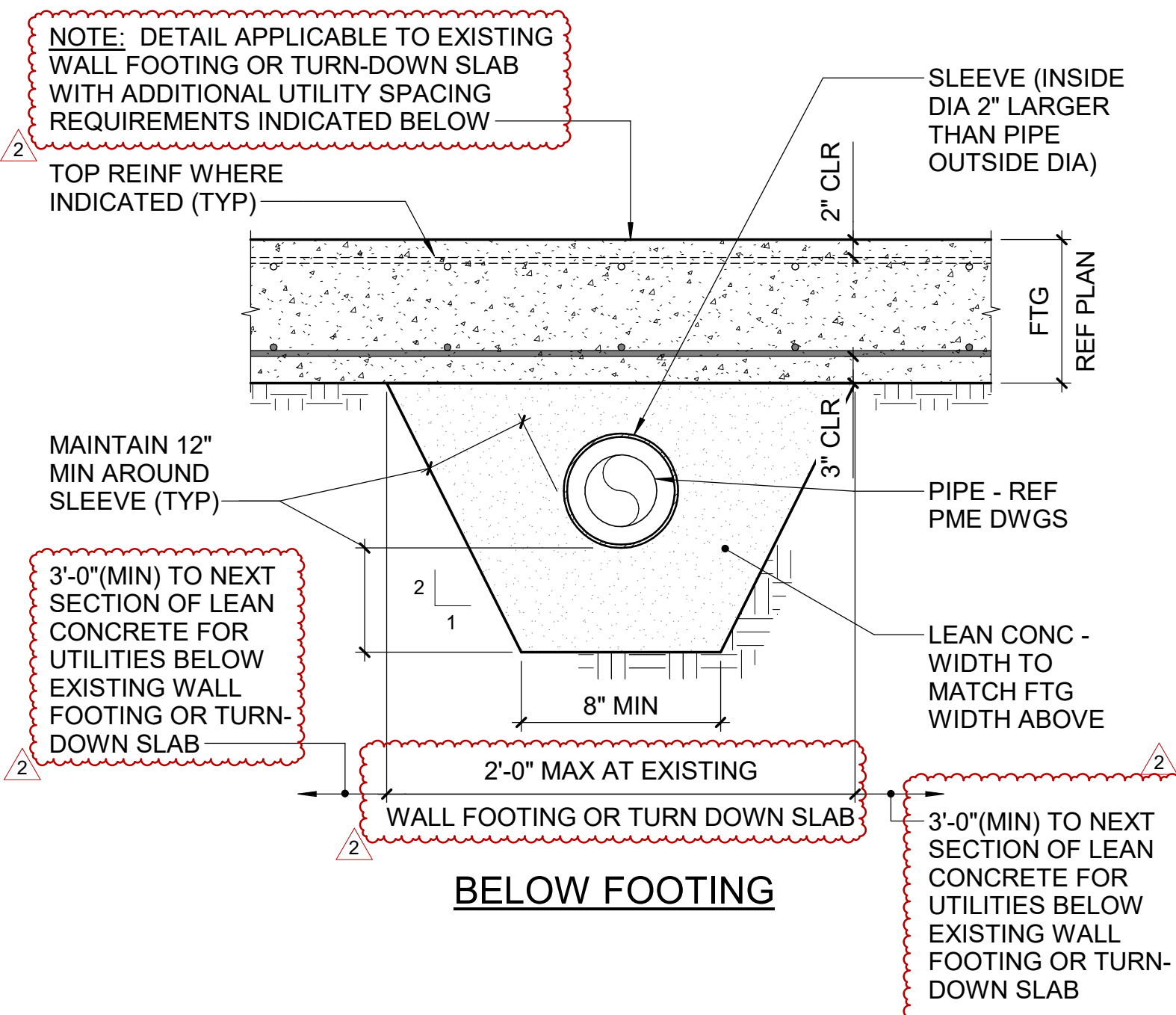
H3 ELEVATOR SUMP PIT DETAIL
NTS



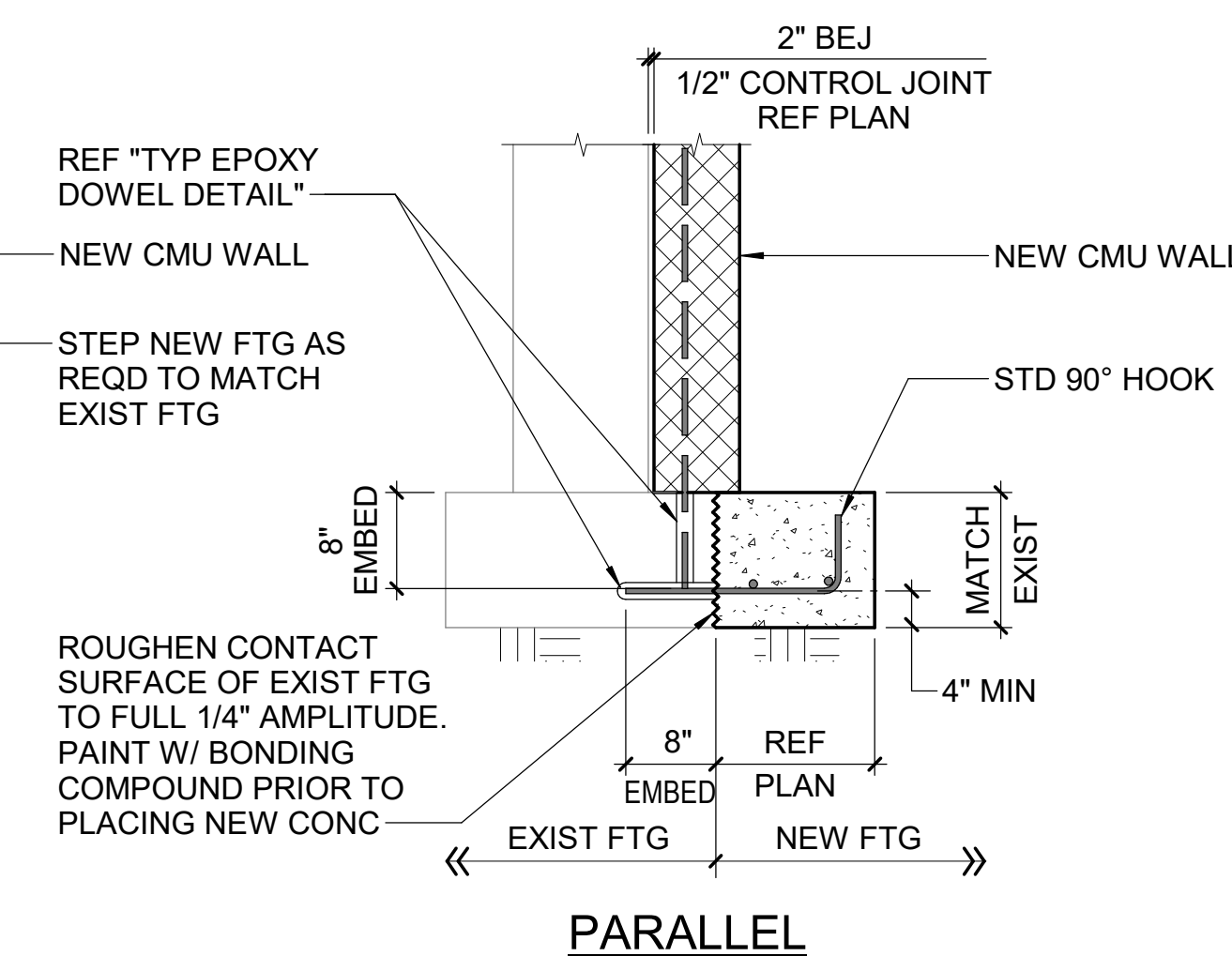
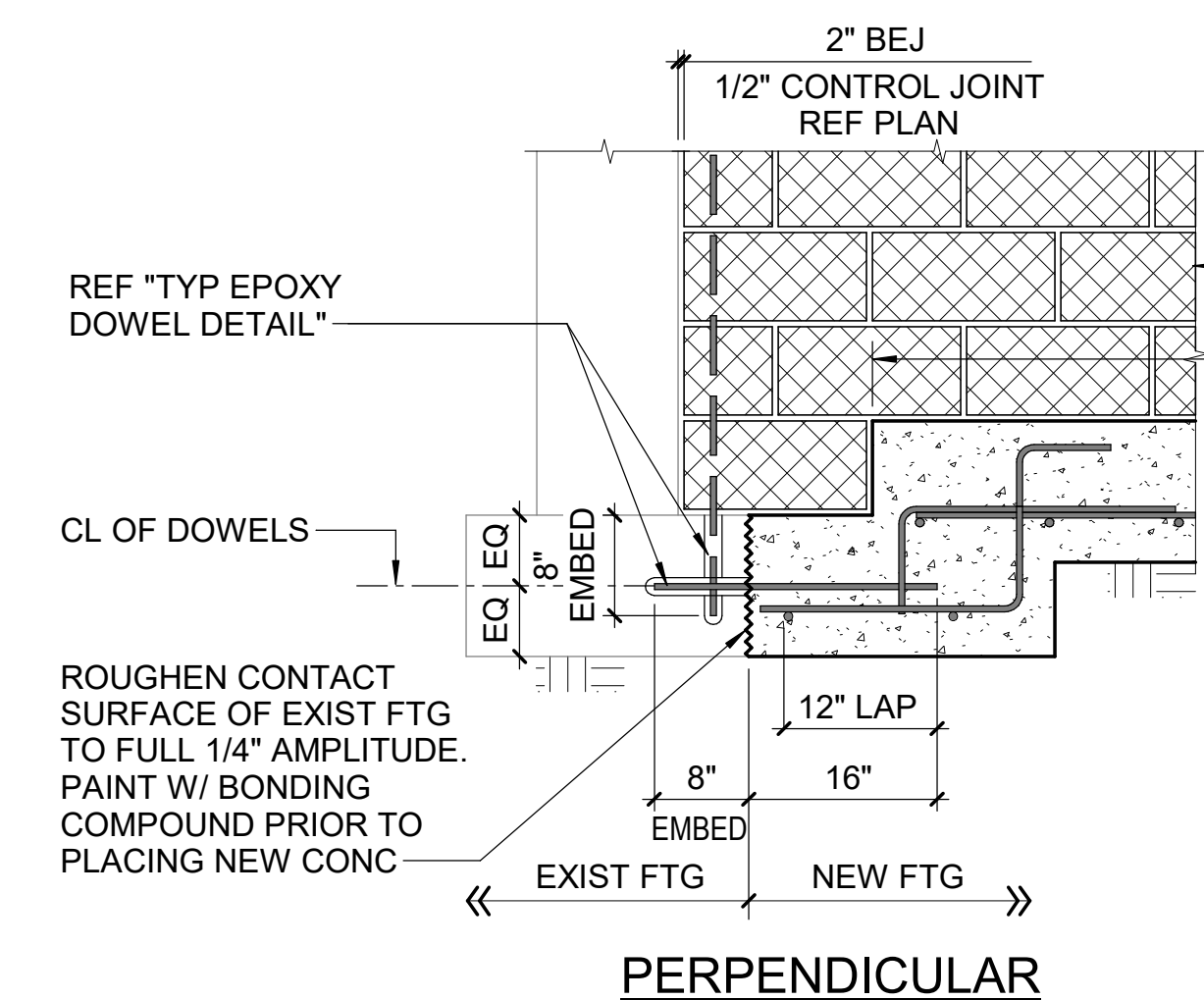
H6 TYPICAL ELEVATOR OPENING DETAILS AT ELEVATED FLOORS
NTS



THROUGH FOOTING

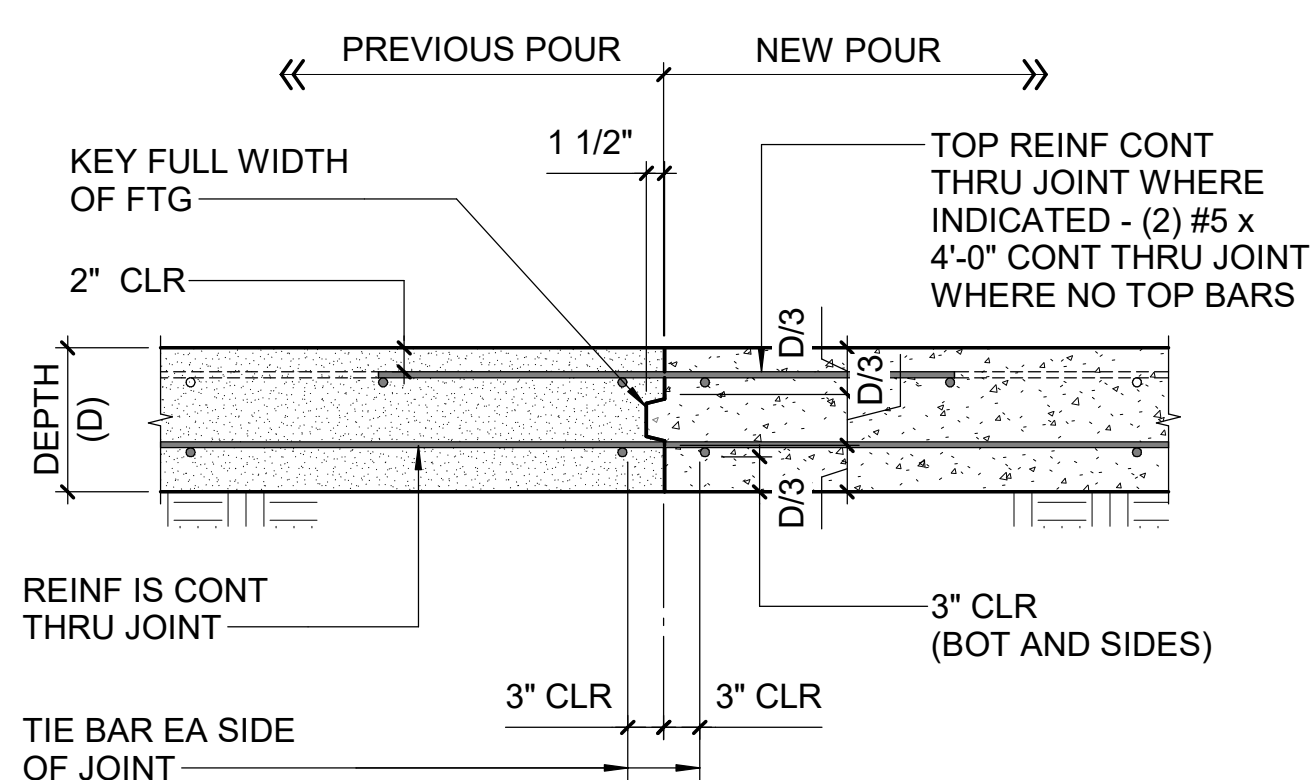


BELOW FOOTING

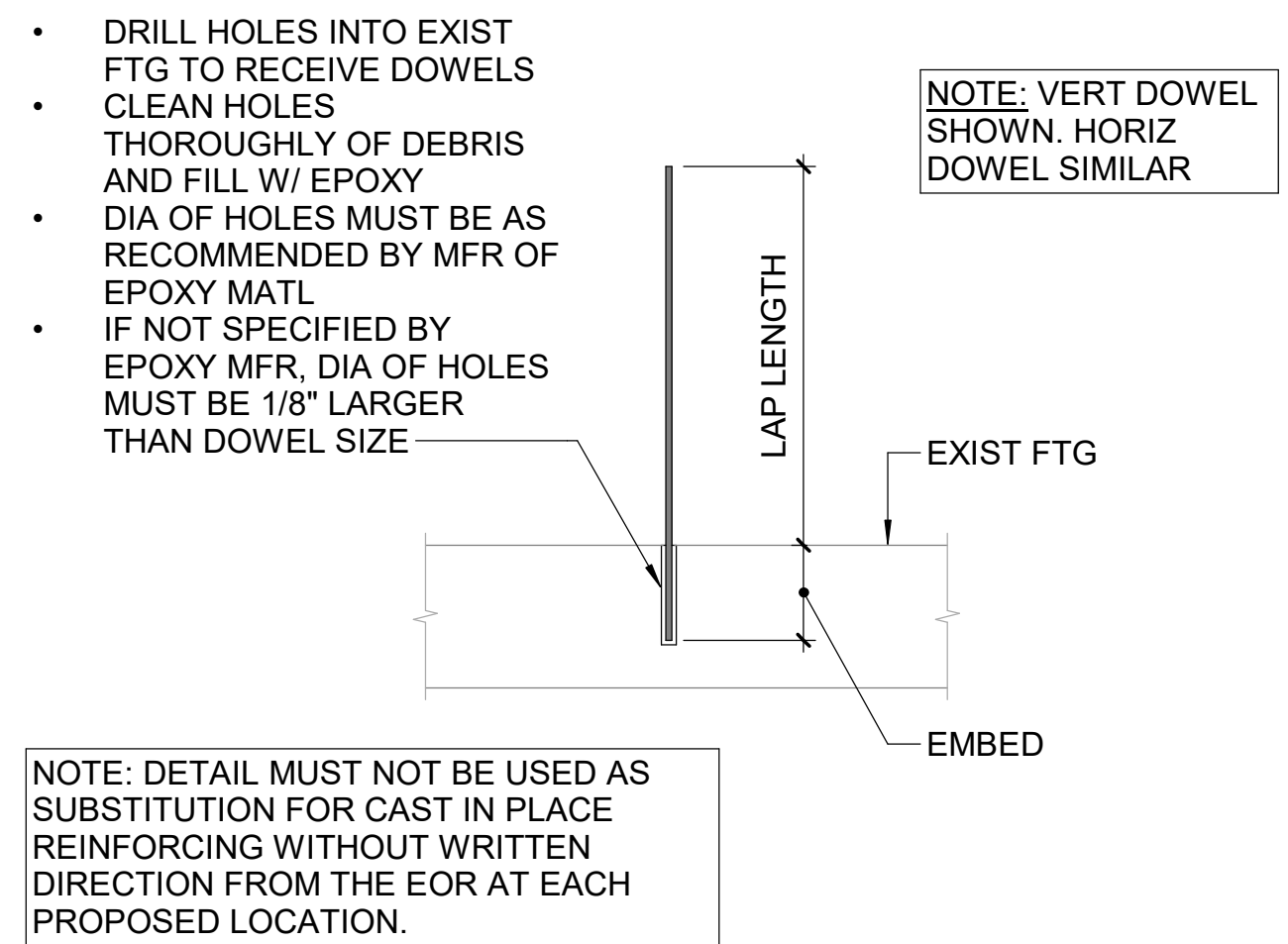


F5 TYPICAL DETAIL AT INTERSECTION OF NEW AND EXISTING WALL FOOTINGS
NTS

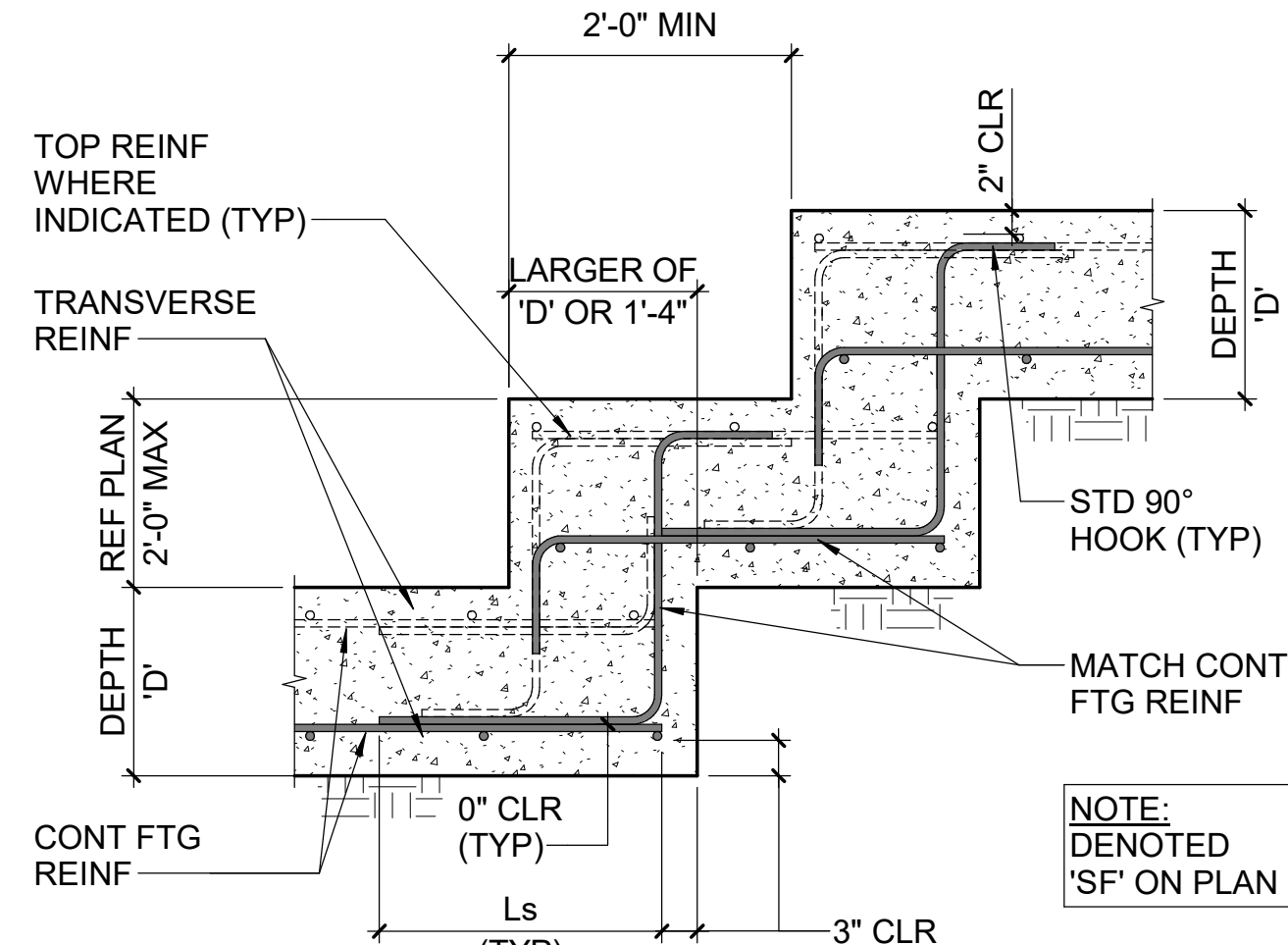
F1 TYPICAL PIPE SLEEVE AT WALL FOOTING DETAILS
NTS



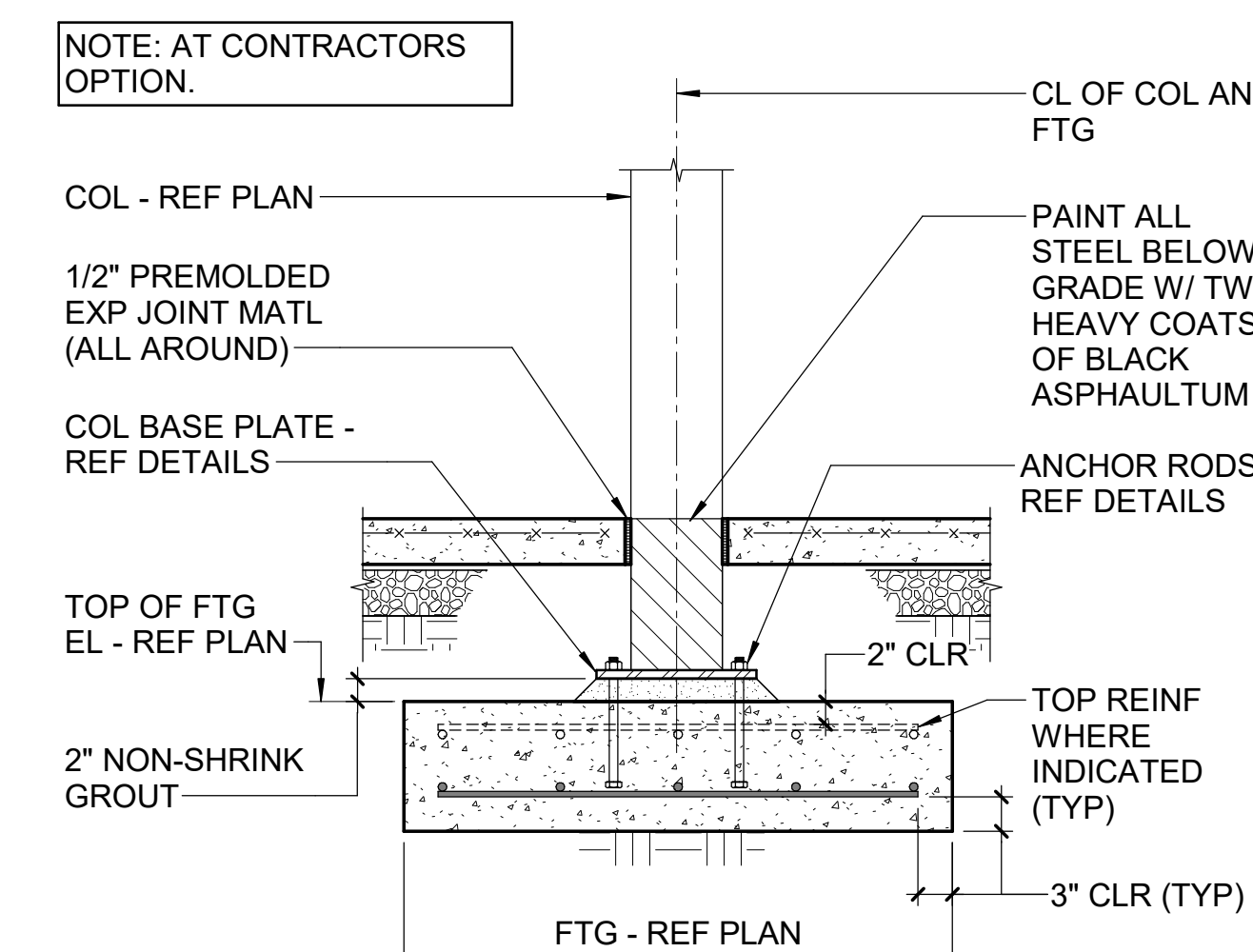
C1 TYPICAL WALL FOOTING CONSTRUCTION JOINT DETAIL
NTS



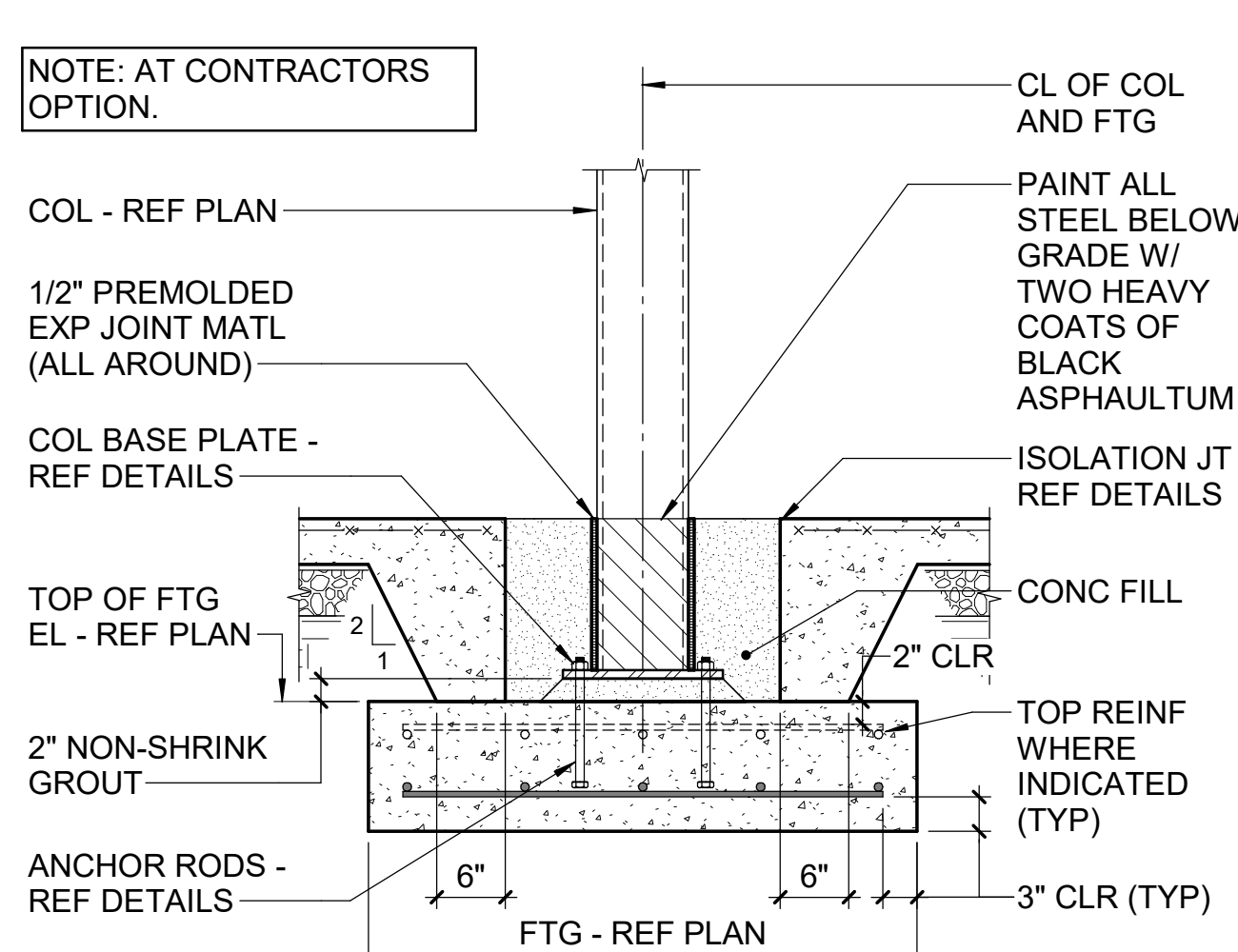
C3 TYPICAL EPOXY DOWEL DETAIL
NTS



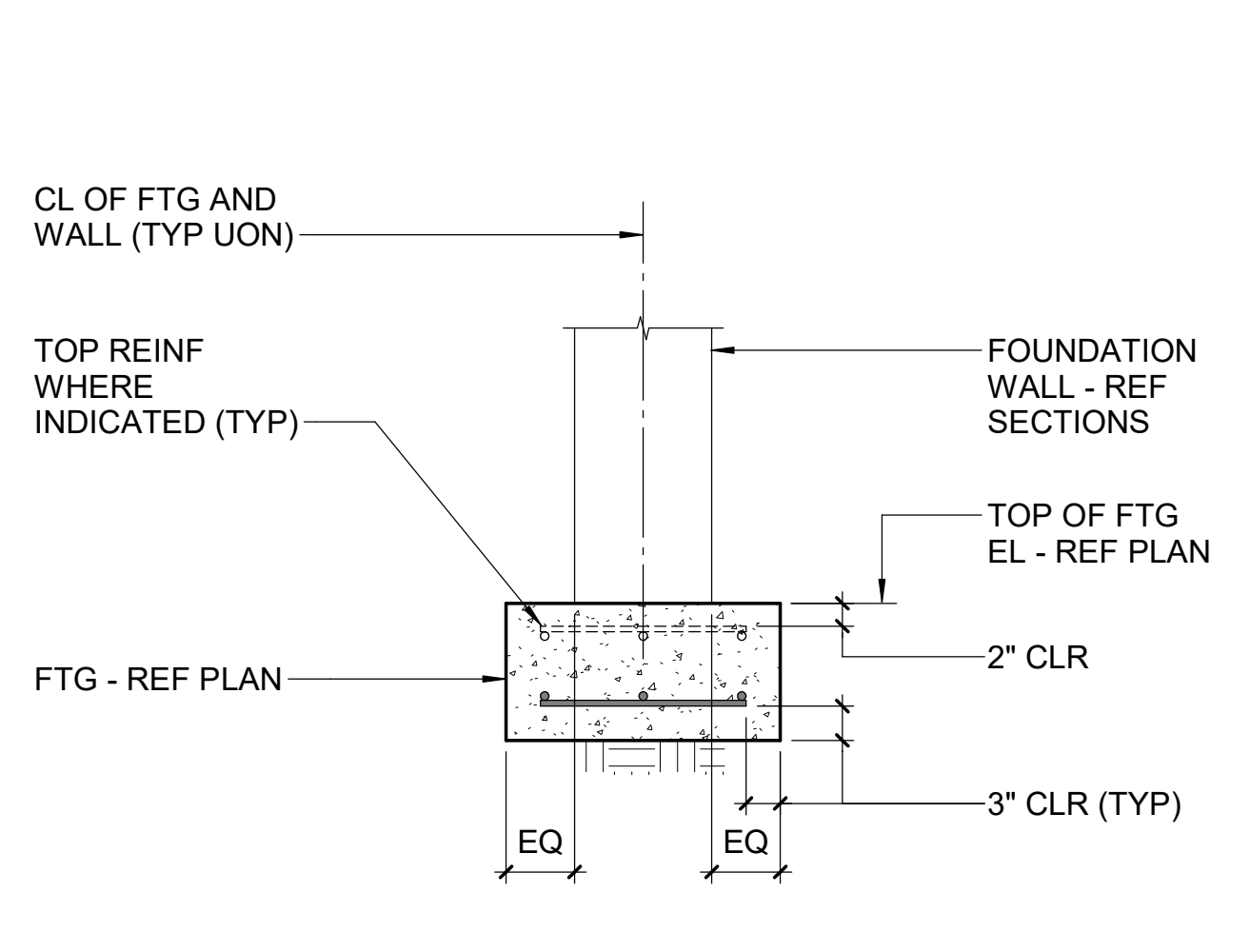
C6 TYPICAL STEPPED WALL FOOTING DETAIL
NTS



A1 TYPICAL COLUMN & FOOTING DETAIL
NTS

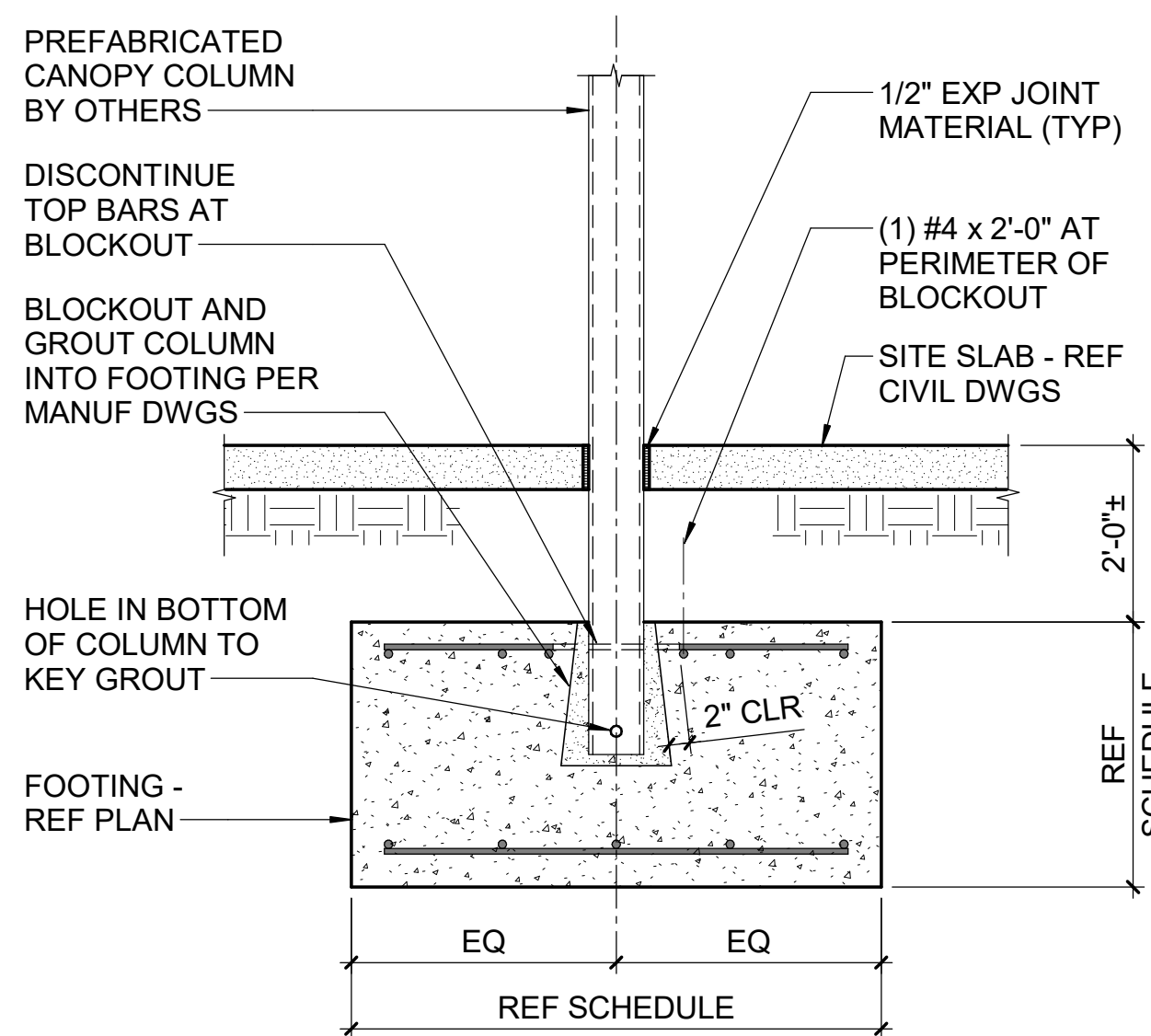


A3 TYPICAL COLUMN & FOOTING DETAIL
NTS

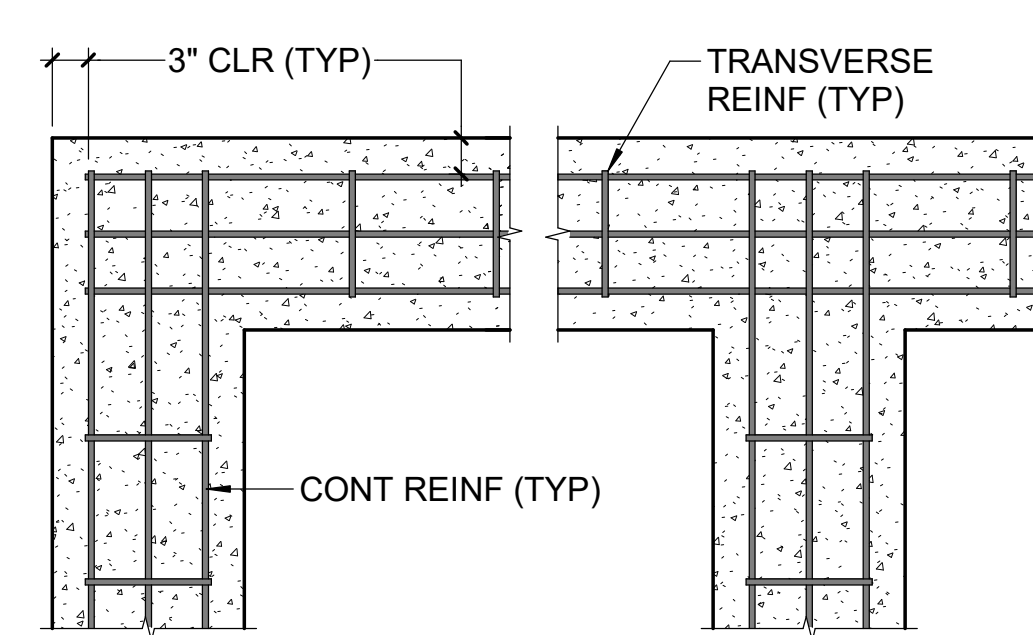


A6 TYPICAL WALL FOOTING DETAIL
NTS

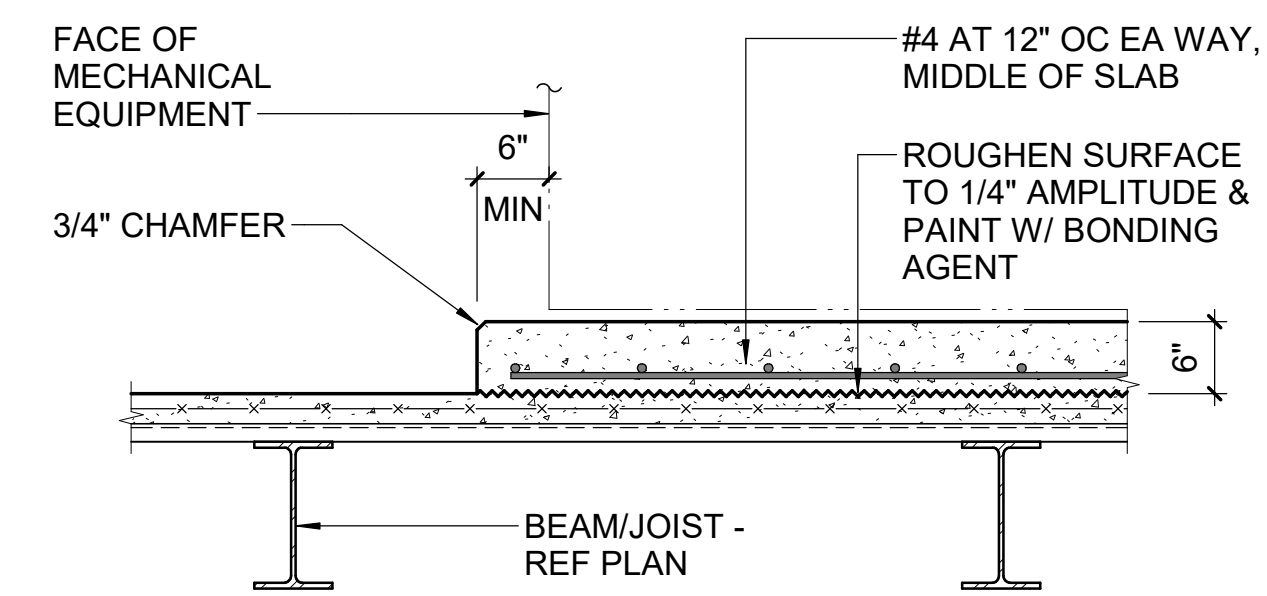
A1 TYPICAL COLUMN & FOOTING DETAIL
NTS



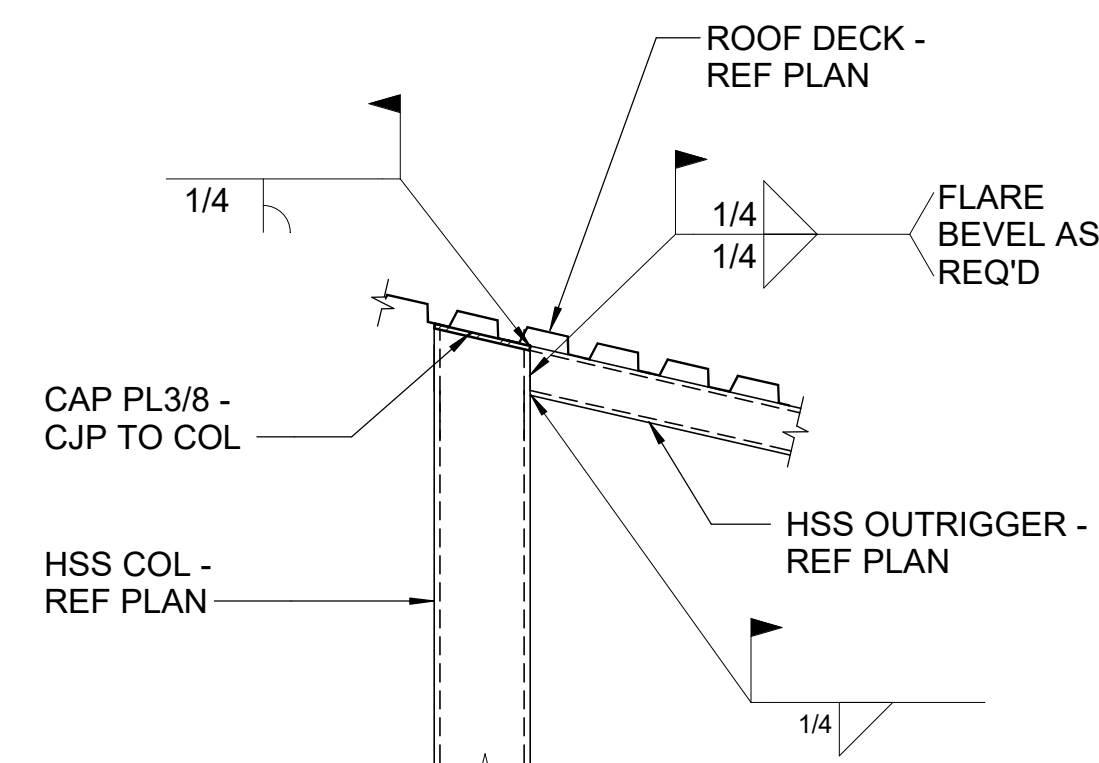
C8 TYPICAL PREFAB COLUMN FOOTING DETAIL
NTS



A8 TYPICAL WALL FOOTING CORNER & INTERSECTION DETAILS
NTS

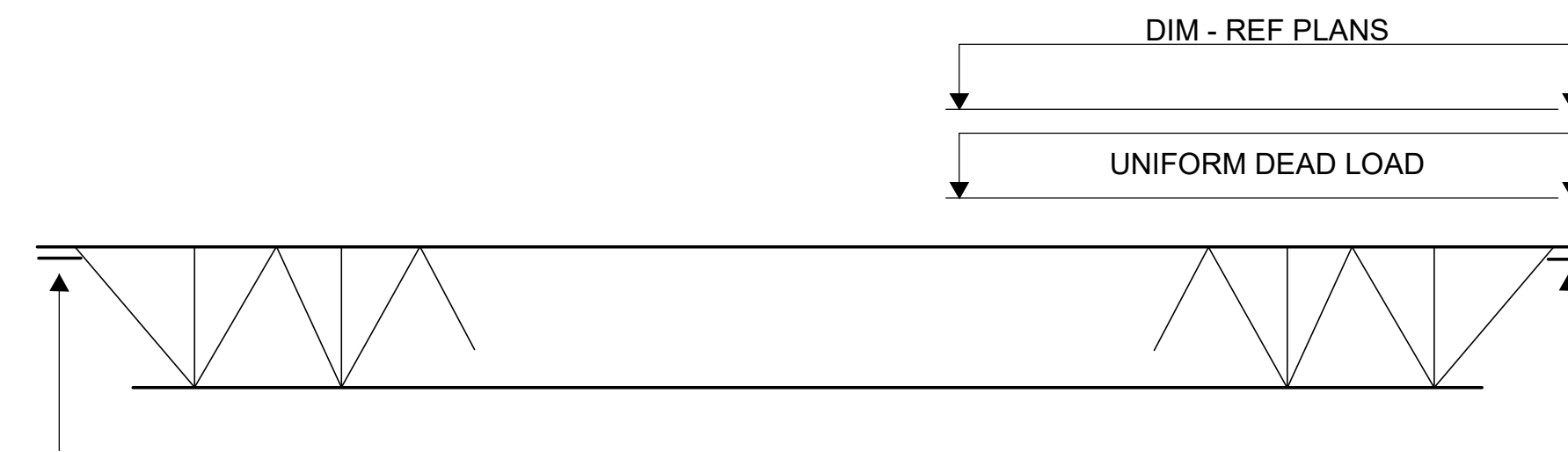


J1 TYPICAL HOUSEKEEPING PAD ON ELEVATED FLOOR DETAIL
NTS

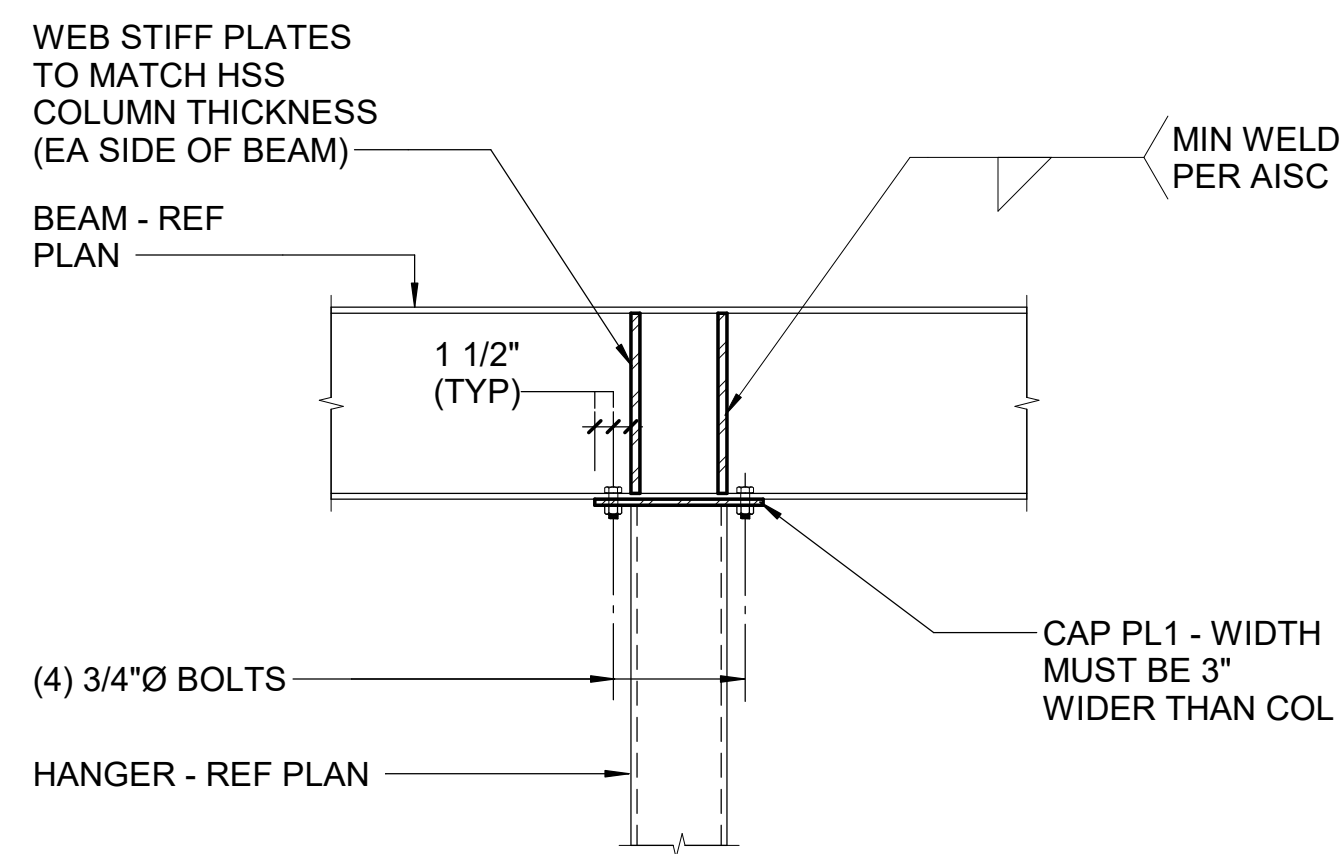


J3 TYPICAL HSS OUTRIGGER TO COLUMN MOMENT CONNECTION DETAIL
NTS

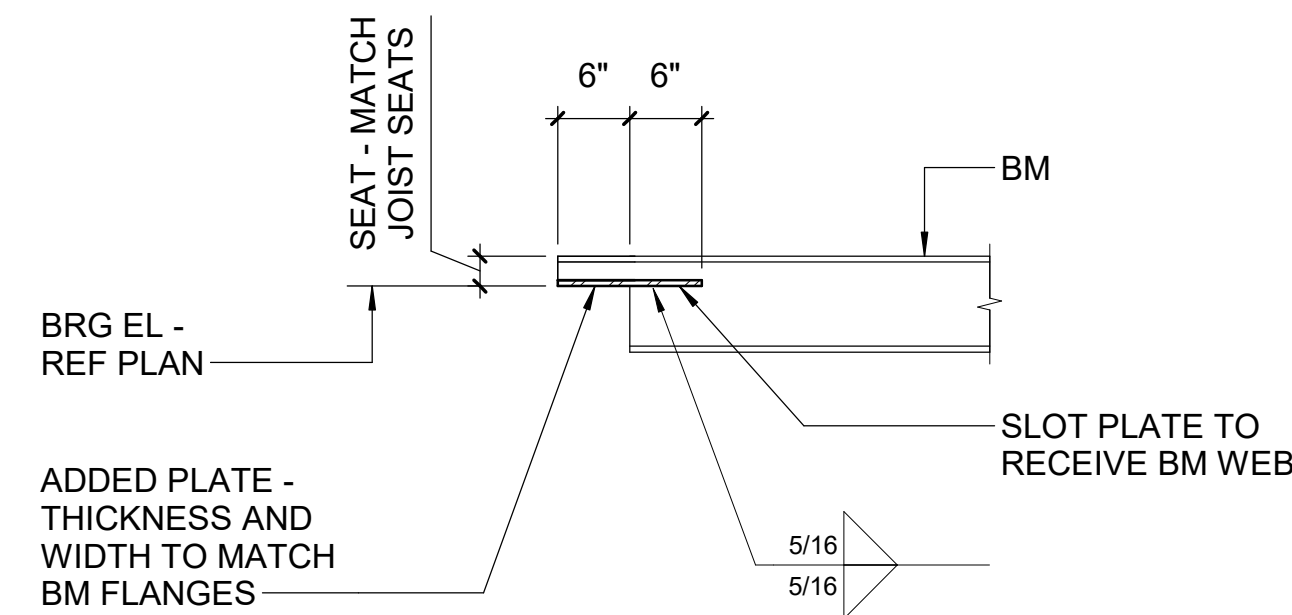
NOTES:
1. SPECIAL JOISTS MUST HAVE CAMBER PER SJI SPECIFICATIONS.
2. SPECIAL JOISTS MUST BE DESIGNED TO MEET LIVE/SNOW LOAD VERTICAL DEFLECTION OF 1/240 OF THE SPAN, TOTAL LOAD VERTICAL DEFLECTION OF 1/180 OF THE SPAN, AND MINIMUM MOMENT OF INERTIA INDICATED.



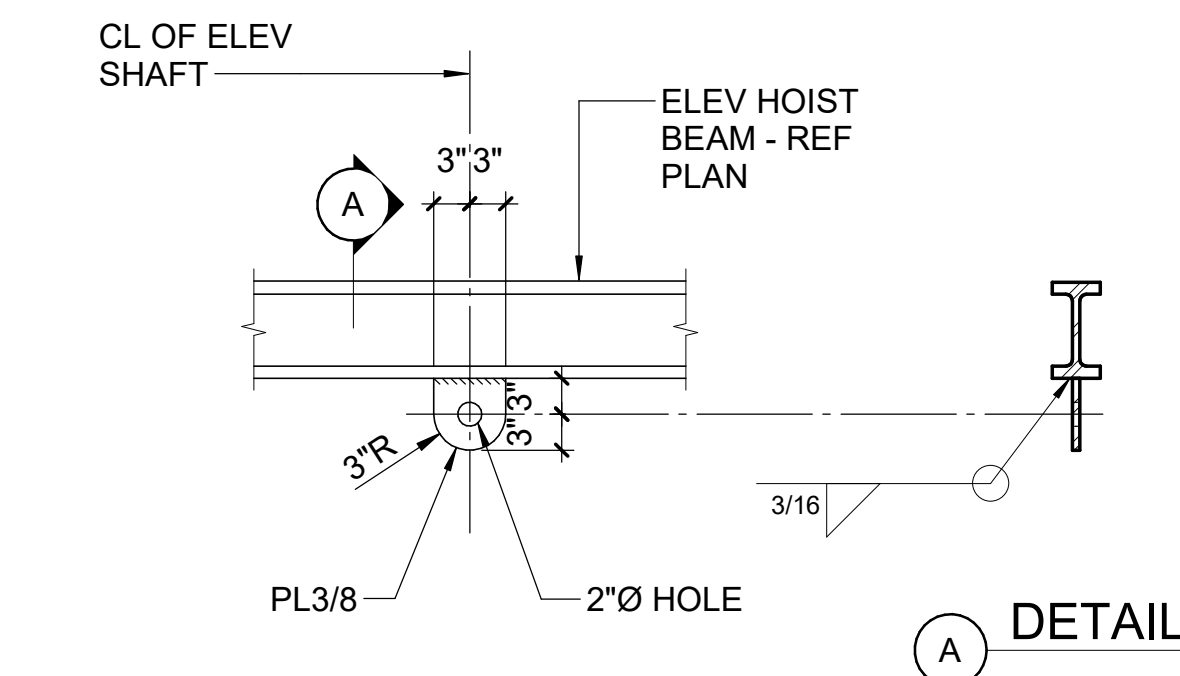
J6 SPECIAL JOIST LOADING DIAGRAM
NTS



F1 TYPICAL STEEL HANGER DETAILS
NTS



F3 TYPICAL COPED BEAM SEAT DETAIL
NTS

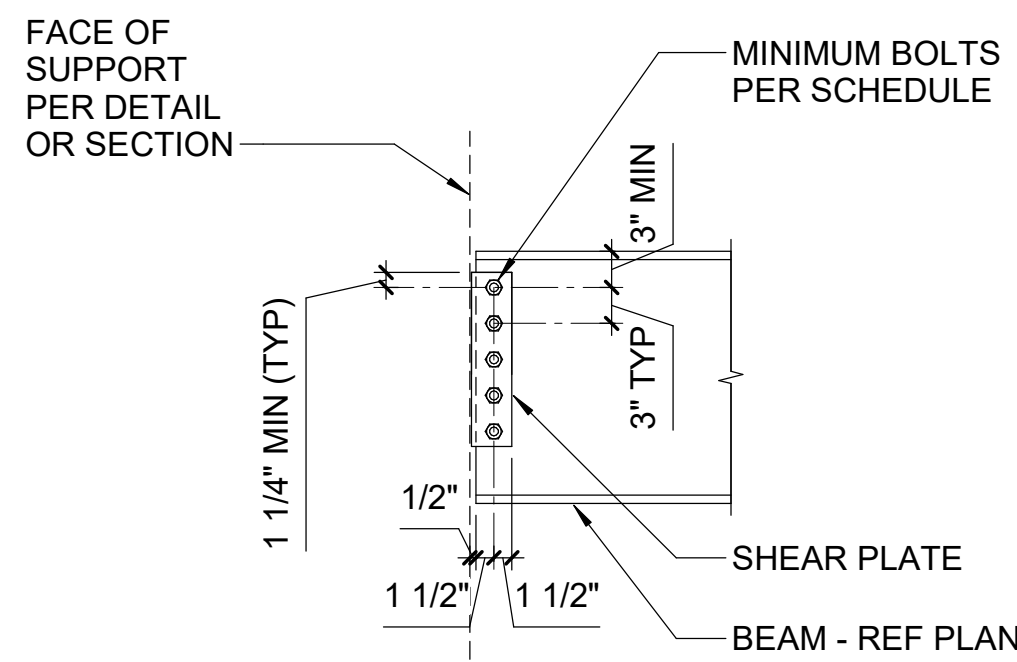


F6 TYPICAL ELEVATOR HOIST BEAM DETAILS
NTS

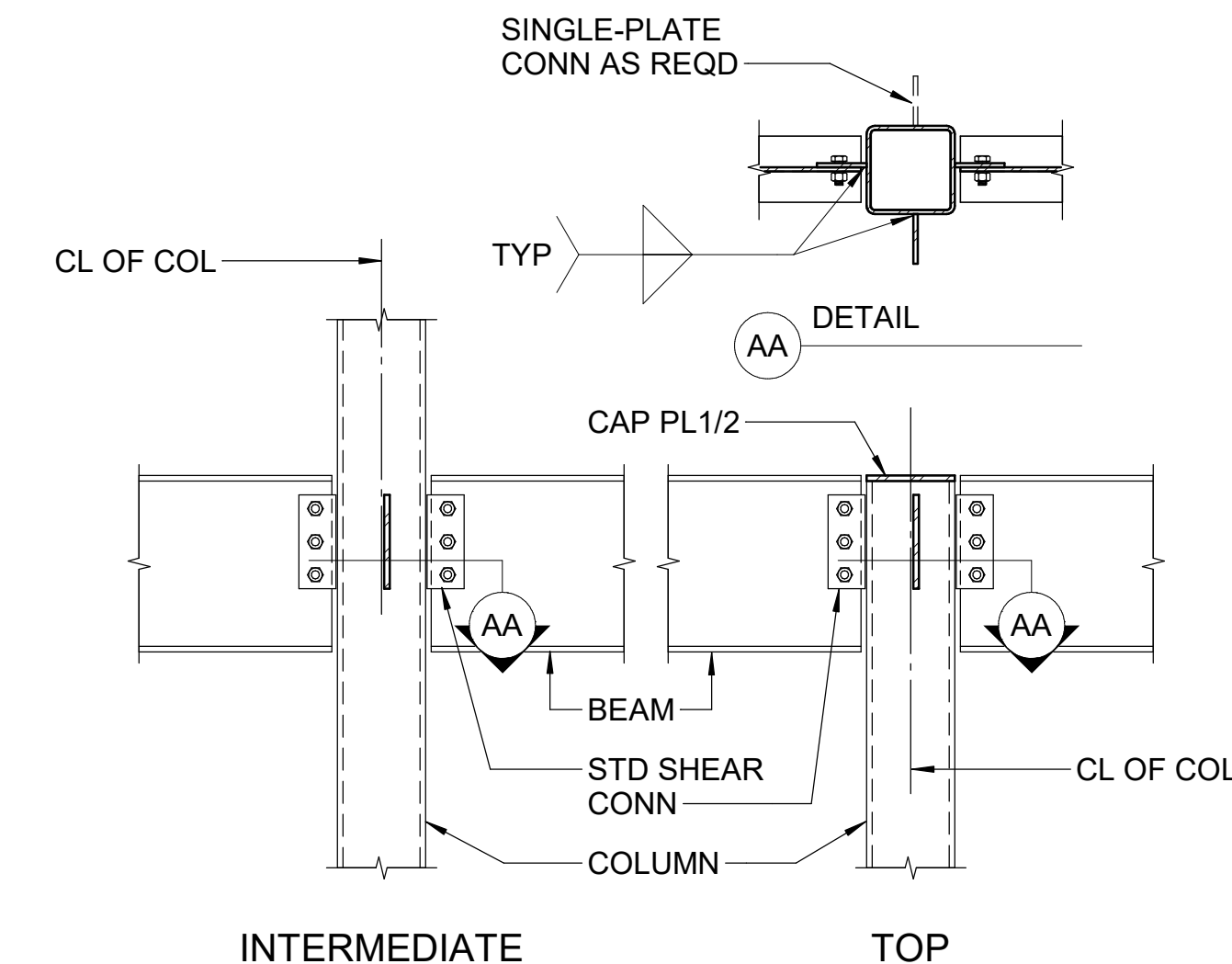
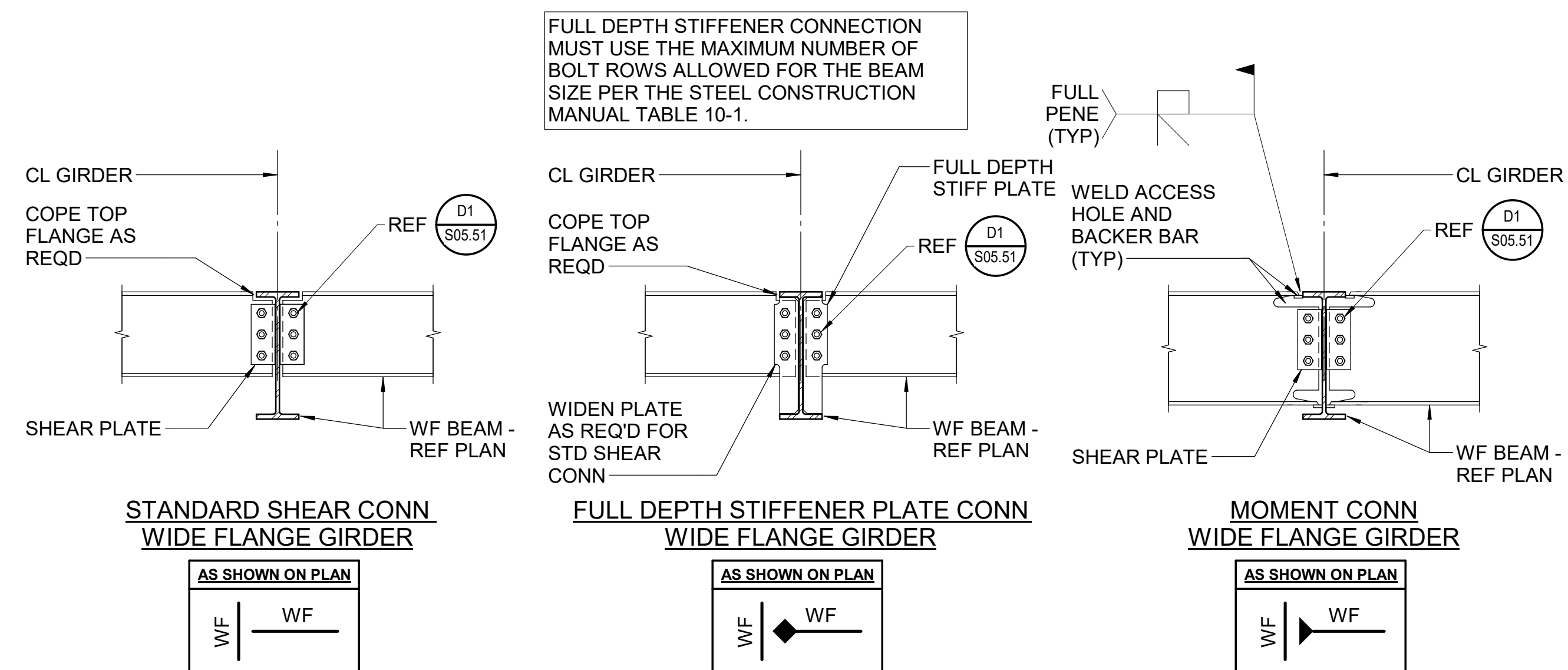
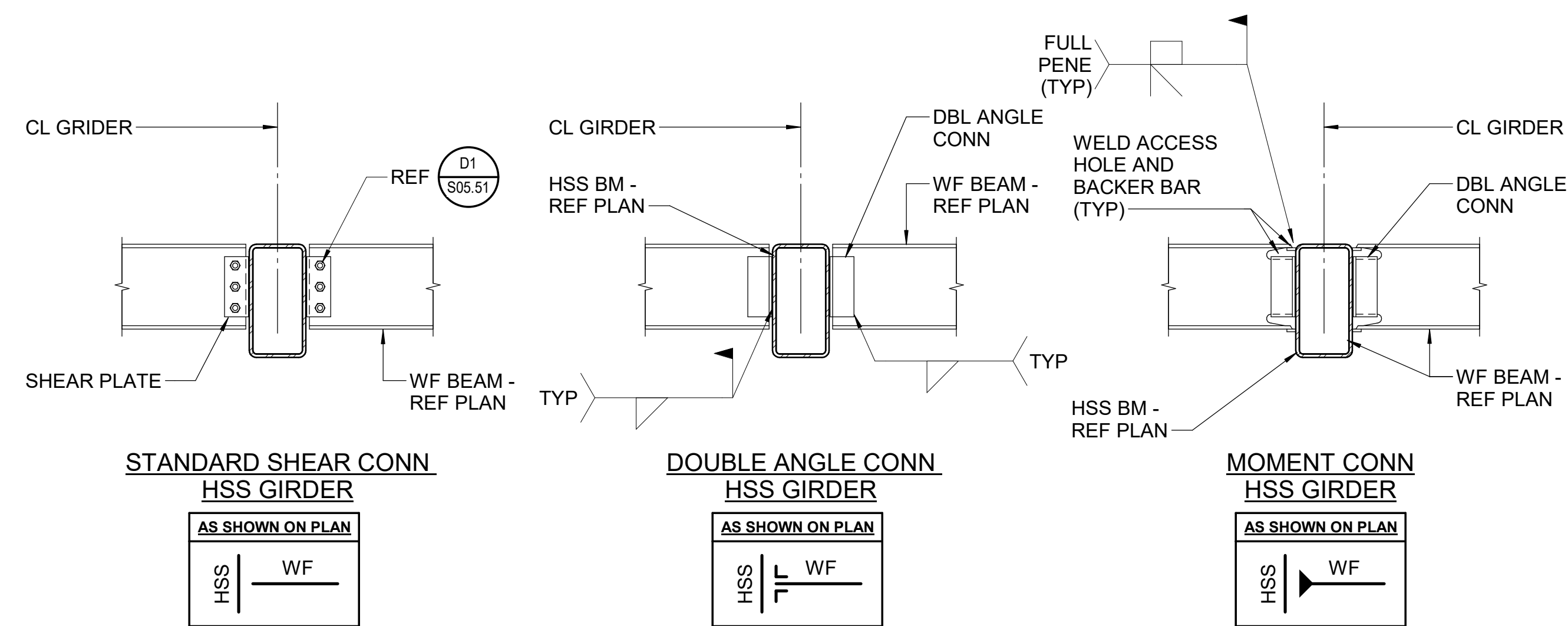
SAFE HOIST LOAD = 5,000 lbs.

| BEAM SIZE | DESIGN REACTION (LRFD) | MIN # OF BOLTS |
|-----------------|------------------------|----------------|
| W8 & W10 | 20 KIPS | 2 |
| W12, W14, & W16 | 35 KIPS | 3 |
| W18 | 50 KIPS | 4 |
| W21 | 60 KIPS | 5 |
| W24 & W27 | 75 KIPS | 6 |
| W30 AND GREATER | 75 KIPS | 6 |

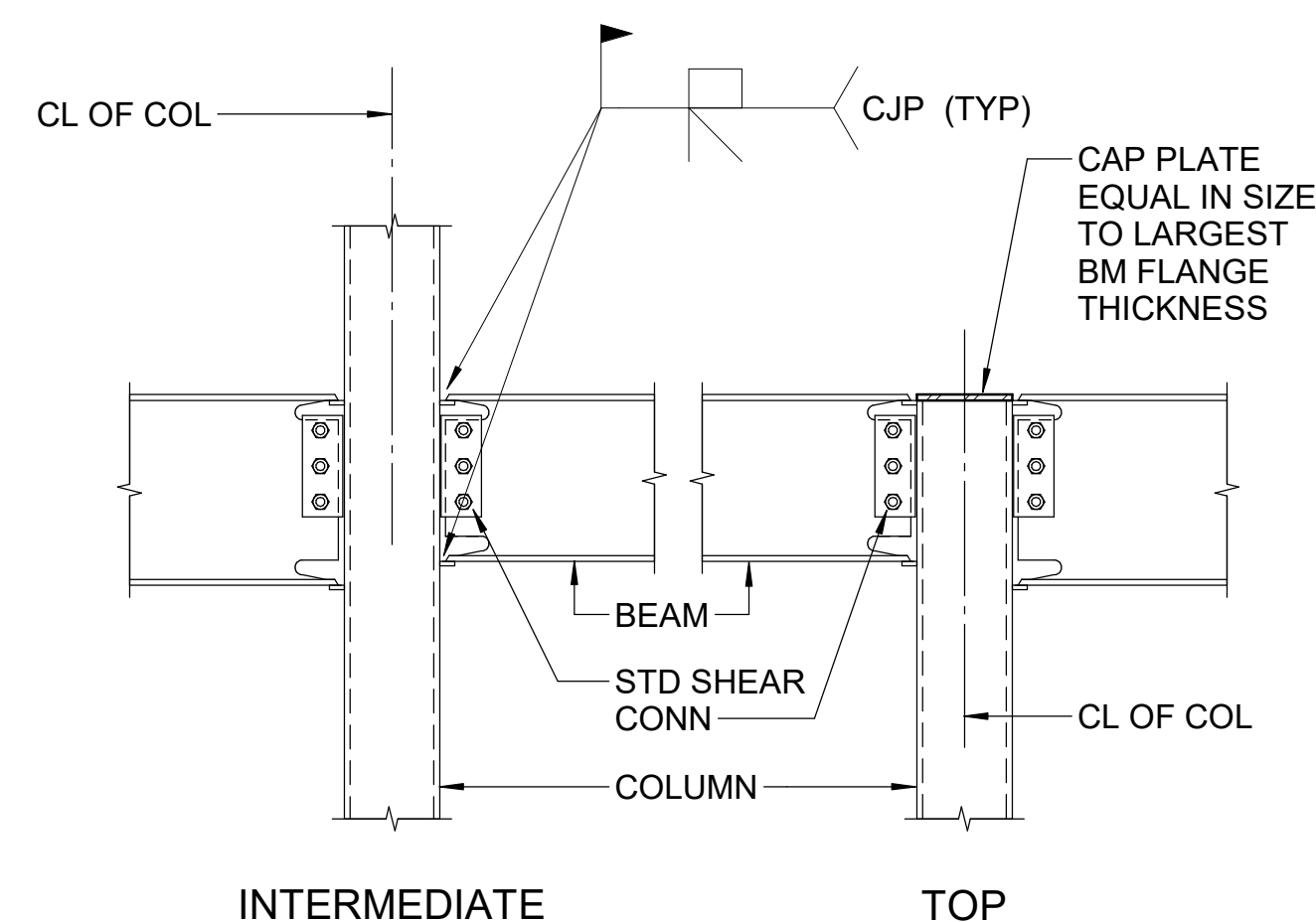
NOTES:
1. REFERENCE "STRUCTURAL STEEL NOTES" IN GENERAL NOTES FOR ADDITIONAL INFORMATION.
2. DESIGN CONNECTIONS FOR THE REACTIONS SHOWN ON PLAN. FOR REACTIONS NOT SHOWN ON PLAN, DESIGN CONNECTIONS FOR THE MINIMUM LOADS AND BOLTS INDICATED IN THE SCHEDULE ABOVE.



D1 TYPICAL SHEAR PLATE CONNECTION DETAIL
NTS



A1 TYPICAL WIDE FLANGE BEAM TO HSS SQUARE COLUMN CONNECTION DETAILS
NTS



A4 TYPICAL WIDE FLANGE BEAM TO HSS SQUARE COLUMN CONNECTION DETAILS
NTS

A6 TYPICAL WIDE FLANGE BEAM TO GIRDER CONNECTION DETAILS
NTS

GENERAL NOTES:

1. REFER TO F00.01 FOR GENERAL NOTES.

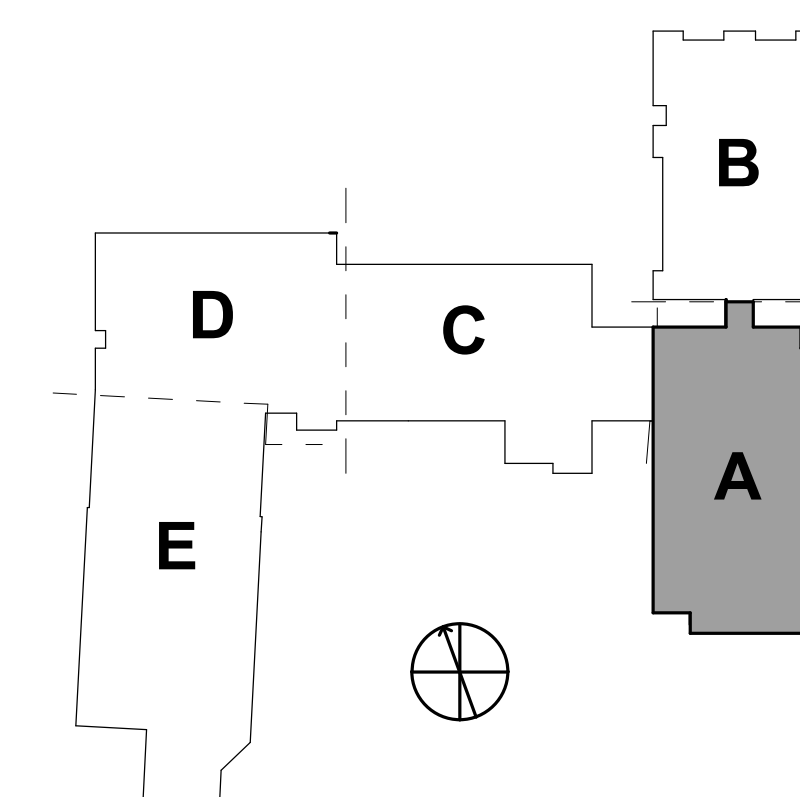
KEYNOTES:

- 1 PROVIDE NEW QUICK RESPONSE, WHITE, FLAT PLATE CONCEALED PENDENT SPRINKLERS PER NFPA 13 FOR LIGHT HAZARD OCCUPANCY W/ COVERAGE OF 225 FT² AT A DENSITY OF 0.10 GPM/FT².
- 2 PROVIDE NEW QUICK RESPONSE, WHITE, SEMI-RECESSED PENDENT SPRINKLERS PER NFPA 13 FOR OH-I HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.15 GPM/FT².
- 3 PROVIDE NEW QUICK RESPONSE, WHITE, SEMI-RECESSED PENDENT SPRINKLERS PER NFPA 13 FOR OH-II HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.20 GPM/FT².
- 4 PROVIDE NEW QUICK RESPONSE, BRASS UPRIGHT SPRINKLERS PER NFPA 13 FOR OH-I HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.15 GPM/FT².
- 5 PROVIDE NEW QUICK RESPONSE, ELECTROLESS NICKEL PTFE, PENDENT SPRINKLERS PER NFPA 13 FOR LIGHT HAZARD OCCUPANCY W/ COVERAGE OF 225 FT² AT A DENSITY OF 0.10 GPM/FT².
- 6 PROVIDE NEW QUICK RESPONSE, WHITE, UPRIGHT SPRINKLERS PER NFPA 13 FOR LIGHT HAZARD OCCUPANCY W/ COVERAGE OF 225 FT² AT A DENSITY OF 0.10 GPM/FT², PAINT EXPOSED SPRINKLER PIPE WHITE.
- 7 PROVIDE NEW QUICK RESPONSE, BRASS UPRIGHT SPRINKLERS PER NFPA 13 FOR OH-II HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.20 GPM/FT².
- 8 SPRINKLER MAIN UP TO SECOND FLOOR.
- 9 PROVIDE SIDEWALL SPRINKLER AT BOTTOM OF ELEVATOR PER NFPA 13-8.15.5.1.
- 10 PROVIDE WATER CURTAIN ON STAIR SIDE OF DRAFT STOP PER NFPA 13-8.15.4 AND HYDRAULICALLY CALCULATE PER NFPA 13-11.3.3.
- 11 2" MAIN DRAIN (GALVANIZED).
- 12 FIRE DEPARTMENT CONNECTION (FDC) WITH AUTOMATIC BALL DRIP AND DRAIN TO DAYLIGHT.
- 13 FDC CHECK VALVE.
- 14 TWO (2) BRASS HOSE VALVES W/ CAP AND CHAIN TO TEST BACKFLOW.
- 15 PROVIDE FLEX COUPLING WITH 24" OF ONE SIDE OF EXPANSION JOINT PER NFPA 13-9.3.2.3.1(4).

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:



1 FIRST FLOOR FIRE PROTECTION PIPING PLAN AREA A - BID ALT. NO. 1
Scale: 1/8" = 1'-0"

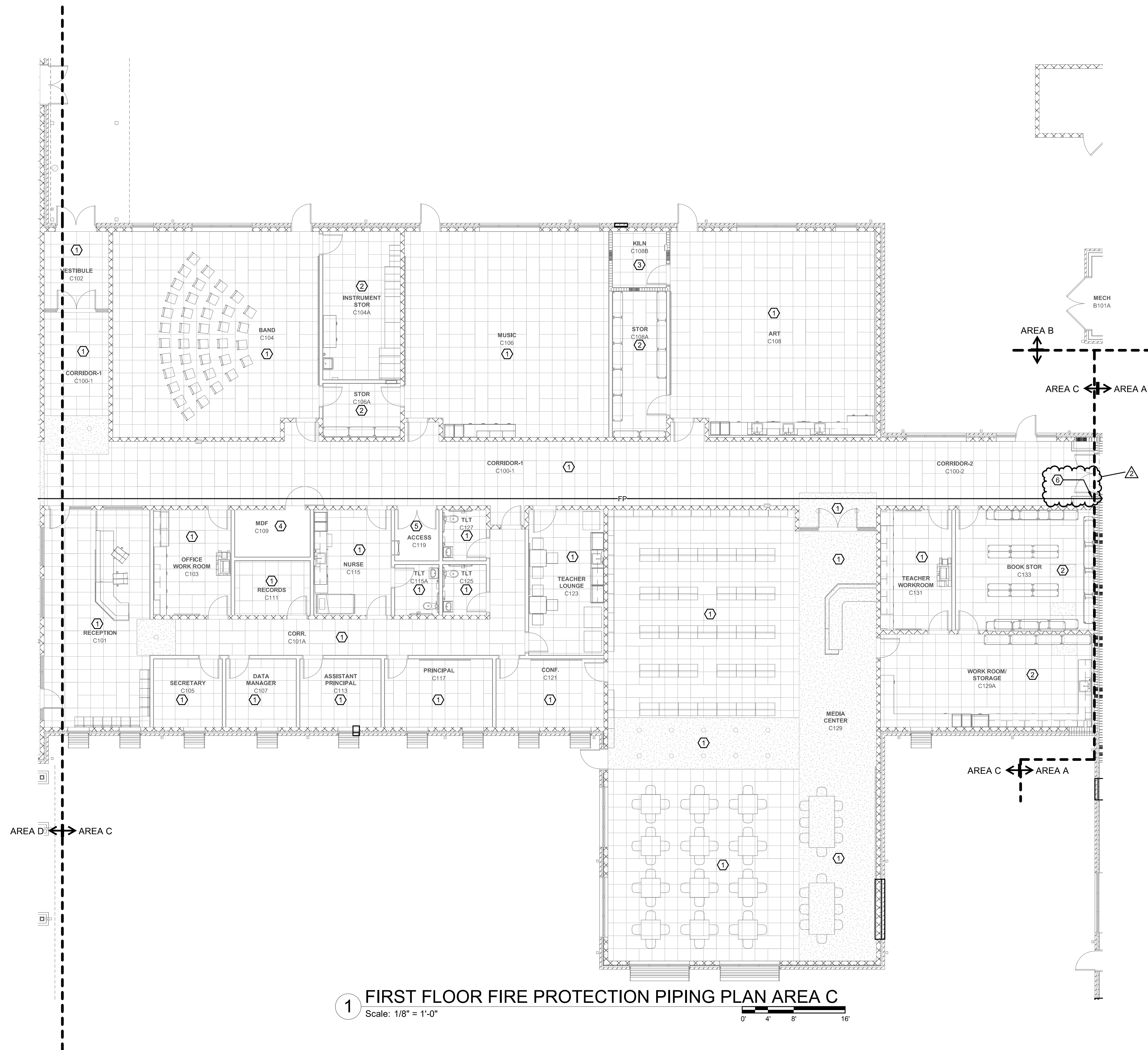
0' 4' 8' 16'

2 FIRST FLOOR FIRE PROTECTION PIPING PLAN AREA A
Scale: 1/8" = 1'-0"

0' 4' 8' 16'

K
J
H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10



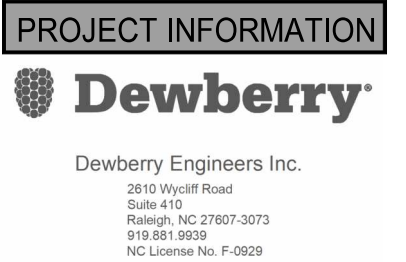
1 FIRST FLOOR FIRE PROTECTION PIPING PLAN AREA C
Scale: 1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO F00.01 FOR GENERAL NOTES.

KEYNOTES:

1. PROVIDE NEW QUICK RESPONSE, WHITE, FLAT PLATE CONCEALED PENDENT SPRINKLERS PER NFPA 13 FOR LIGHT HAZARD OCCUPANCY W/ COVERAGE OF 225 FT² AT A DENSITY OF 0.10 GPM/FT².
2. PROVIDE NEW QUICK RESPONSE, WHITE, SEMI-RECESSED PENDENT SPRINKLERS PER NFPA 13 FOR OH-II HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.20 GPM/FT².
3. PROVIDE NEW QUICK RESPONSE, HIGH TEMPERATURE, WHITE, SEMI-RECESSED PENDENT SPRINKLERS PER NFPA 13 FOR OH-II HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.15 GPM/FT².
4. PROVIDE NEW QUICK RESPONSE, BRASS UPRIGHT SPRINKLERS PER NFPA 13 FOR OH-II HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.15 GPM/FT².
5. PROVIDE NEW QUICK RESPONSE, BRASS UPRIGHT SPRINKLERS PER NFPA 13 FOR OH-II HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.20 GPM/FT².
6. PROVIDE FLEX COUPLING WITH 24" OF ONE SIDE OF EXPANSION JOINT PER NFPA 13-6.3.2.3 (14).

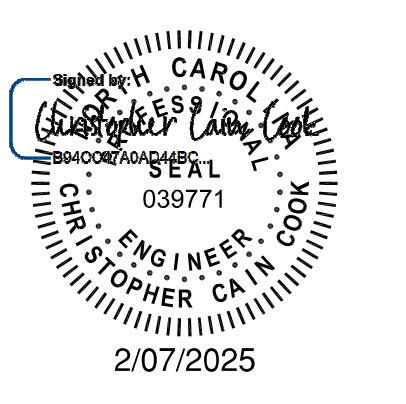


PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS

| NO. | REVISION | DATE |
|-----|-------------|------------|
| 2 | Addendum #2 | 02/11/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: SKF
Plot Date: 2/7/2025 11:01:13 AM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

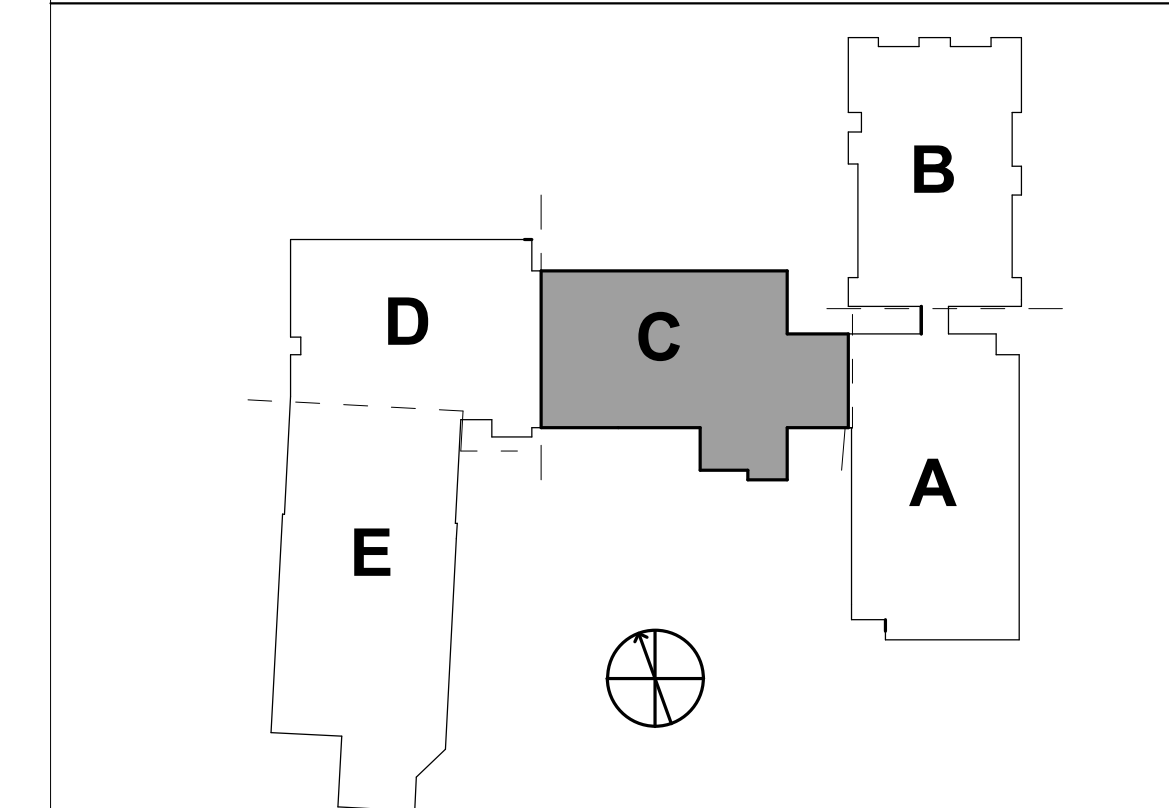
FIRST FLOOR FIRE
PROTECTION PIPING
PLAN AREA C

F01.03

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:



GENERAL NOTES:

1. REFER TO F00.01 FOR GENERAL NOTES.

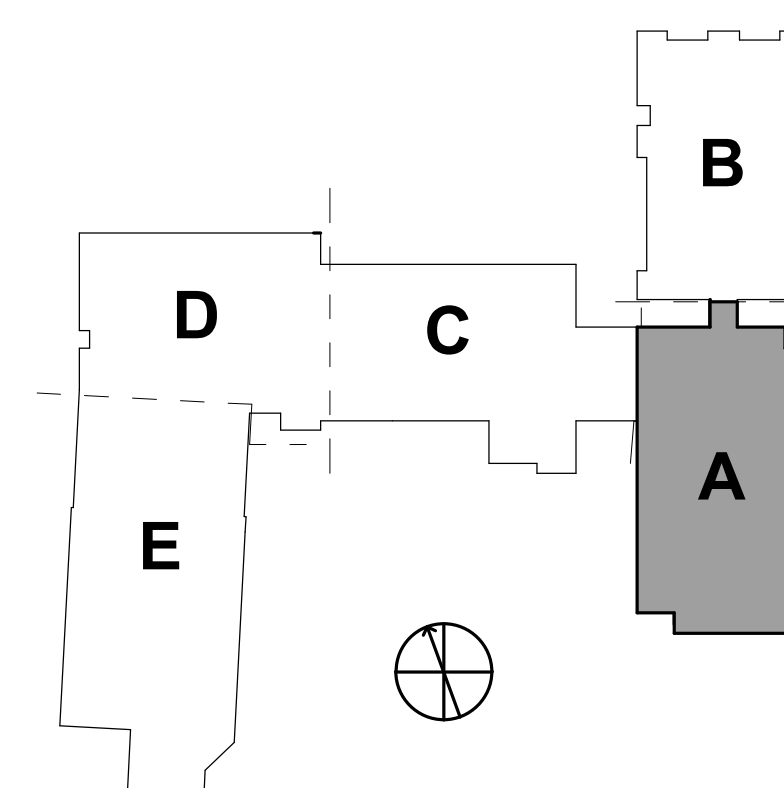
KEYNOTES:

1. PROVIDE NEW QUICK RESPONSE, WHITE, FLAT PLATE CONCEALED PENDENT SPRINKLERS PER NFPA 13 FOR LIGHT HAZARD OCCUPANCY W/ COVERAGE OF 225 FT² AT A DENSITY OF 0.10 GPM/FT².
2. PROVIDE NEW QUICK RESPONSE, WHITE, FLAT PLATE CONCEALED PENDENT SPRINKLERS PER NFPA 13 FOR OH-I HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.15 GPM/FT².
3. PROVIDE NEW QUICK RESPONSE, WHITE, SEMI-RECESSED PENDENT SPRINKLERS PER NFPA 13 FOR OH-II HAZARD OCCUPANCY W/ COVERAGE OF 0.20 GPM/FT².
4. PROVIDE NEW QUICK RESPONSE, BRASS UPRIGHT SPRINKLERS PER NFPA 13 FOR OH-I HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.15 GPM/FT².
5. PROVIDE NEW QUICK RESPONSE, BRASS UPRIGHT SPRINKLERS PER NFPA 13 FOR OH-II HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.20 GPM/FT².
6. SPRINKLER MAIN DOWN TO FIRST FLOOR.
7. SPRINKLER PROTECTION AT TOP OF ELEVATOR MAY BE OMITTED PER NFPA 13-8.15.5.6.
8. PROVIDE FLEX COUPLING WITH 24" OF ONE SIDE OF EXPANSION JOINT PER NFPA 13-9.3.2.3.1(4).

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:



1 SECOND FLOOR FIRE PROTECTION PIPING PLAN AREA A - BID ALT. NO. 1

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

0' 4' 8' 16'

2 SECOND FLOOR FIRE PROTECTION PIPING PLAN AREA A

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

0' 4' 8' 16'

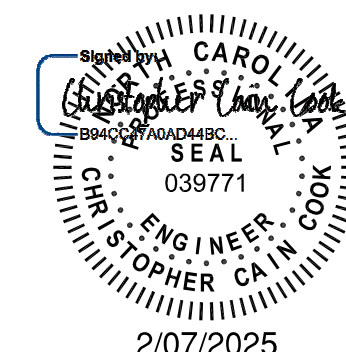
- 1 PROVIDE NEW QUICK RESPONSE, BRASS UPRIGHT SPRINKLERS PER NFPA 13 FOR OH-II HAZARD OCCUPANCY W/ COVERAGE OF 130 FT² AT A DENSITY OF 0.20 GPM/FT²
- 2 PROVIDE FLEX COUPLING WITH 24" OF ONE SIDE OF EXPANSION JOINT PER NFPA 13- 9.3.2.3.1(4).

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

DEWBERRY NUMBER
50171439

REVISIONS

2 Addendum #2 02/11/202

PA: ROBERT STEVENSON
PM: [REDACTED]
Drawn By: SH [REDACTED]
Plot Date: 2/7/2025 11:01:28 AM

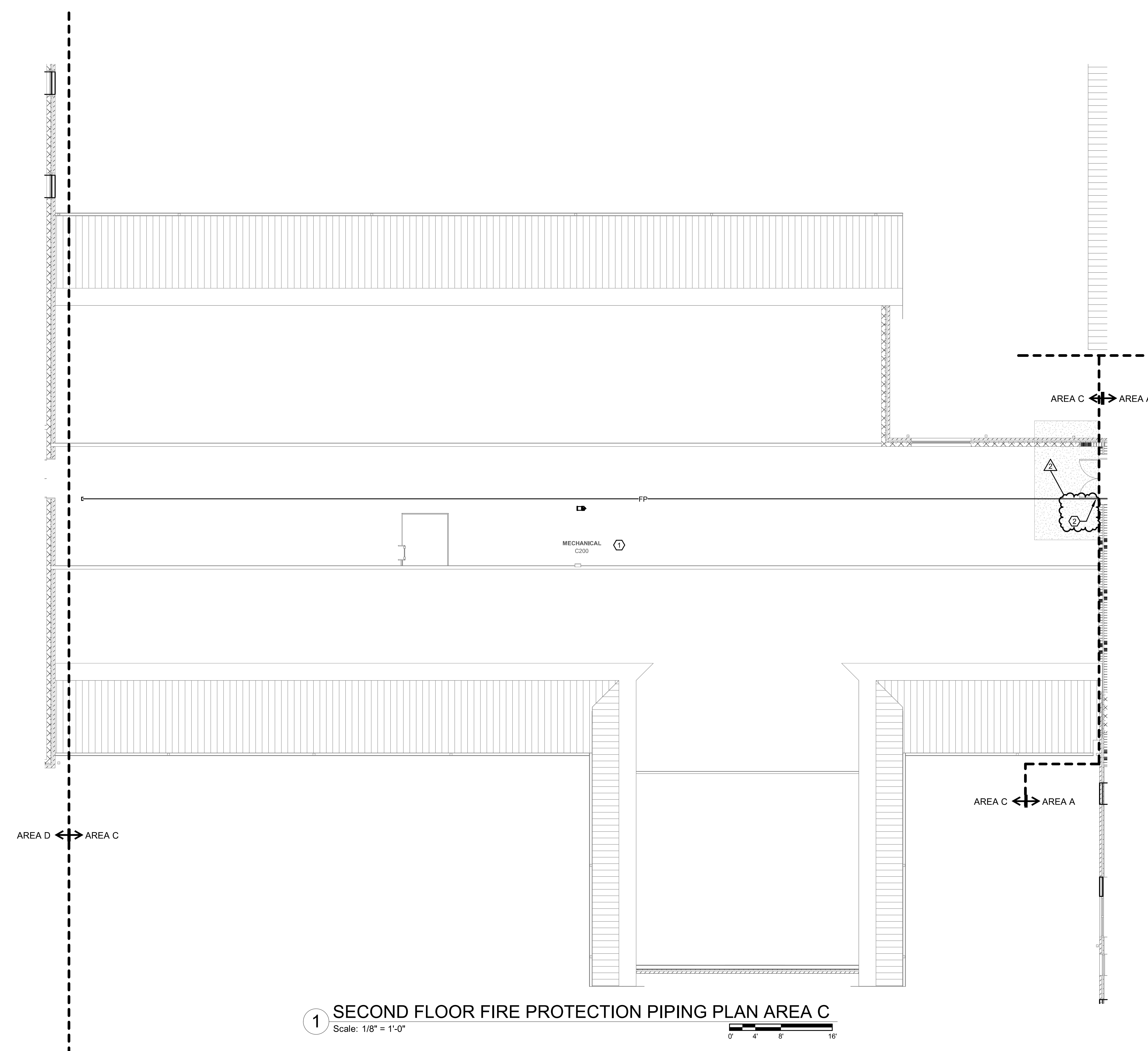
DATE ISSUED

BID DOCUMENTS
01/10/2025

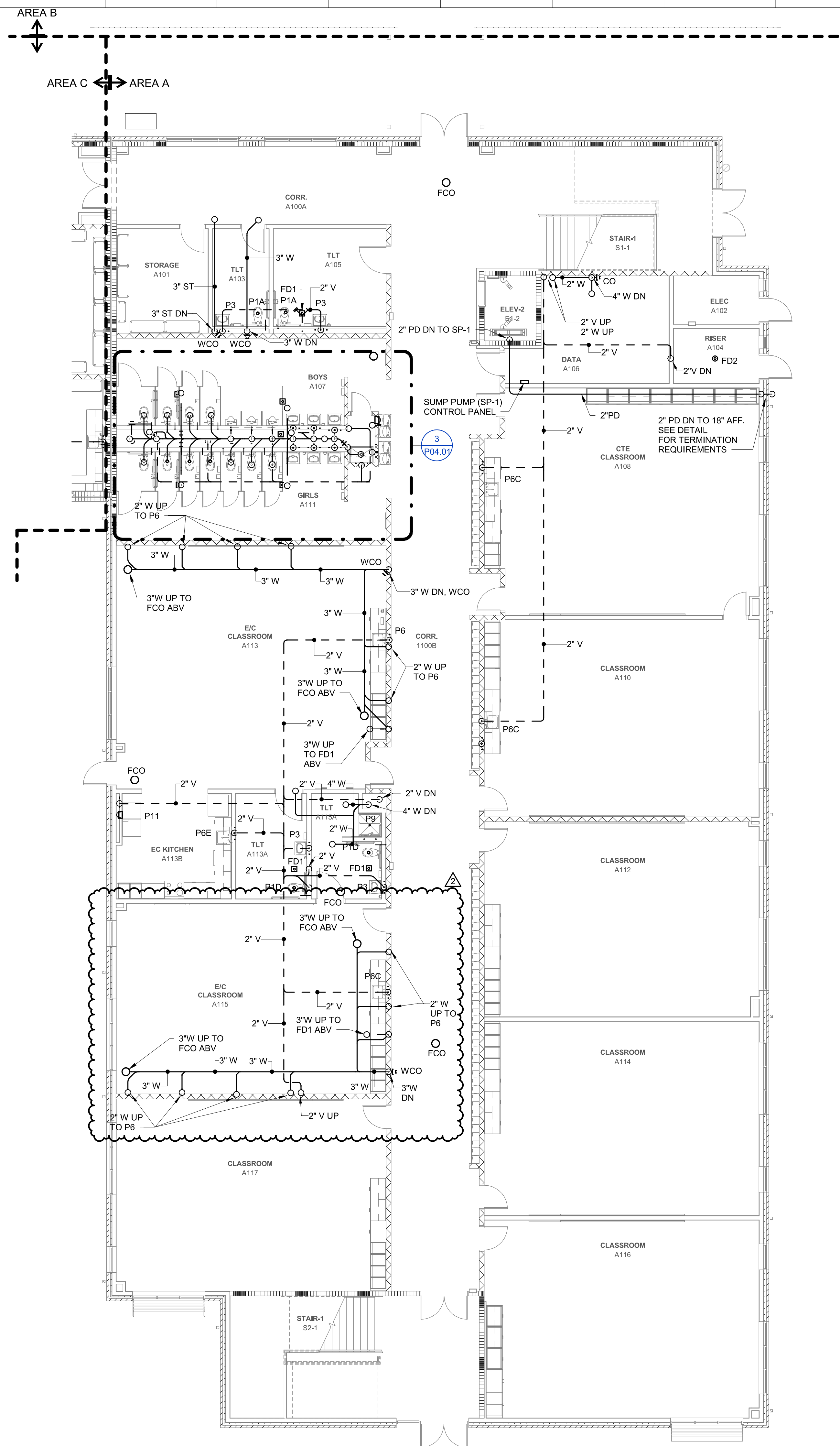
SHEET TITLE

SECOND FLOOR
FIRE PROTECTION
PIPING PLAN AREA C

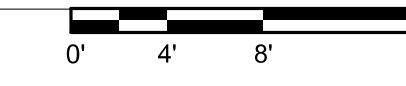
F02.03



K
J
H
G
F
E
D
C
B
A



1 FIRST FLOOR WASTE & VENT PLAN AREA A
Scale: 1/8" = 1'-0"



GENERAL NOTES:

1. REFER TO SHEET P-001 FOR ADDITIONAL GENERAL NOTES.

KEYNOTES:

dk
DAVIS KANE
ARCHITECTS, P.A.
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.davis-kane.com

PROJECT INFORMATION
Dewberry
Dewberry Engineers Inc.
200 South Main
Raleigh, NC 27601-2071
919.833.3737
NC License No. P-0028

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS

Professional Engineer Seal for Robert Stevenson, State of North Carolina, License No. 039771, dated 2/07/2025.

DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS

| | | |
|---|-------------|------------|
| 1 | Addendum #1 | 02/03/2025 |
| 2 | Addendum #2 | 02/11/2025 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: TNASATCPH
Plot Date: 2/7/2025 2:31:22 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

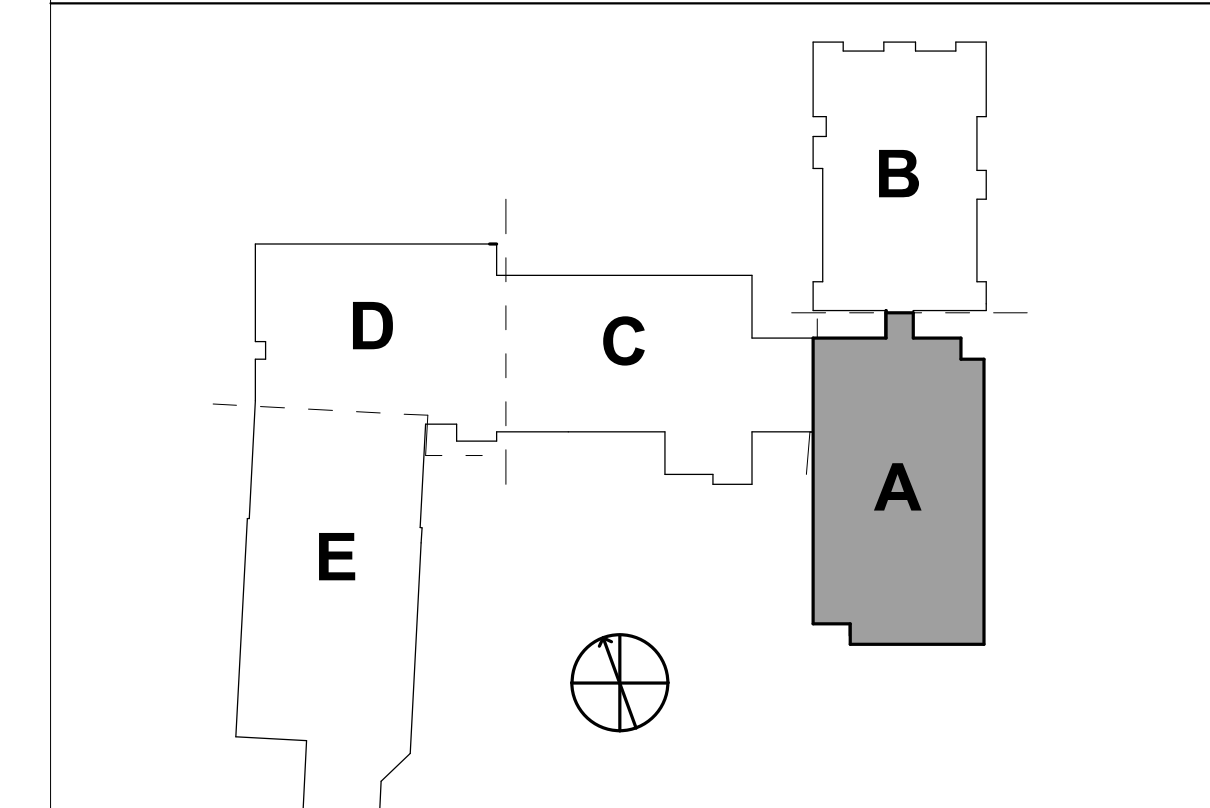
SHEET TITLE
FIRST FLOOR WASTE & VENT PLAN AREA A

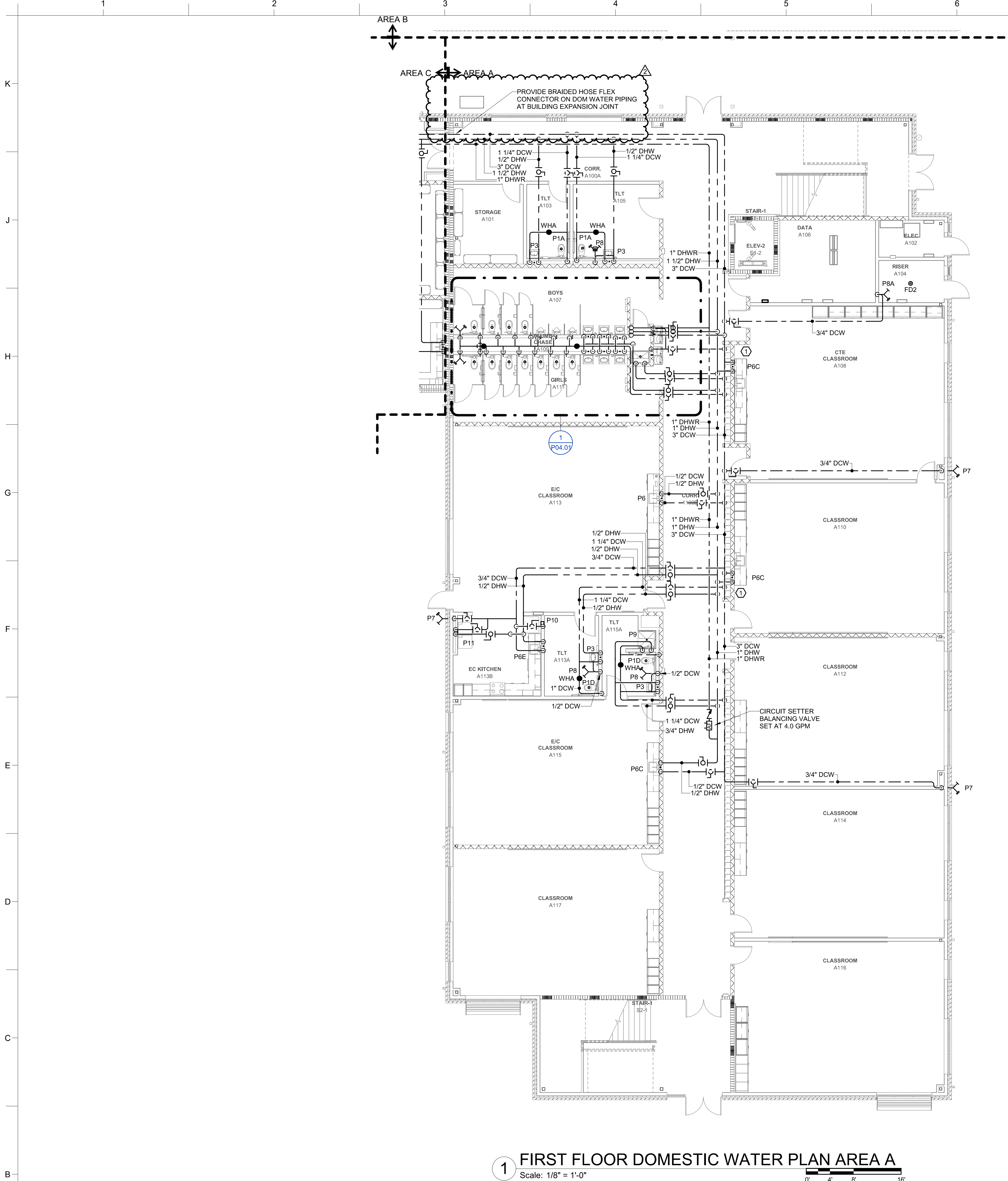
P01.11

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:





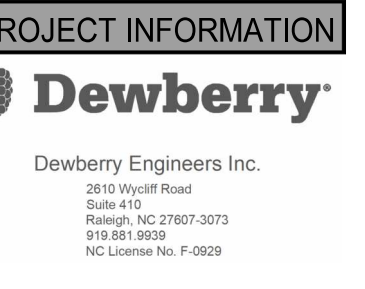
1 FIRST FLOOR DOMESTIC WATER PLAN AREA A
Scale: 1/8" = 1'-0"

GENERAL NOTES:

- REFER TO SHEET P-001 FOR ADDITIONAL GENERAL NOTES.

KEYNOTES:

- PROVIDE 1/2" ISOLATION VALVES FOR DHW & DCW SUPPLY TO FIXTURE. VALVES NOT SHOWN FOR CLARITY.



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

DEWBERRY NUMBER

50171439

REVISIONS

2 Addendum #2 02/11/2025

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: TNASAT/CPH
Plot Date: 2/7/2025 2:31:24 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

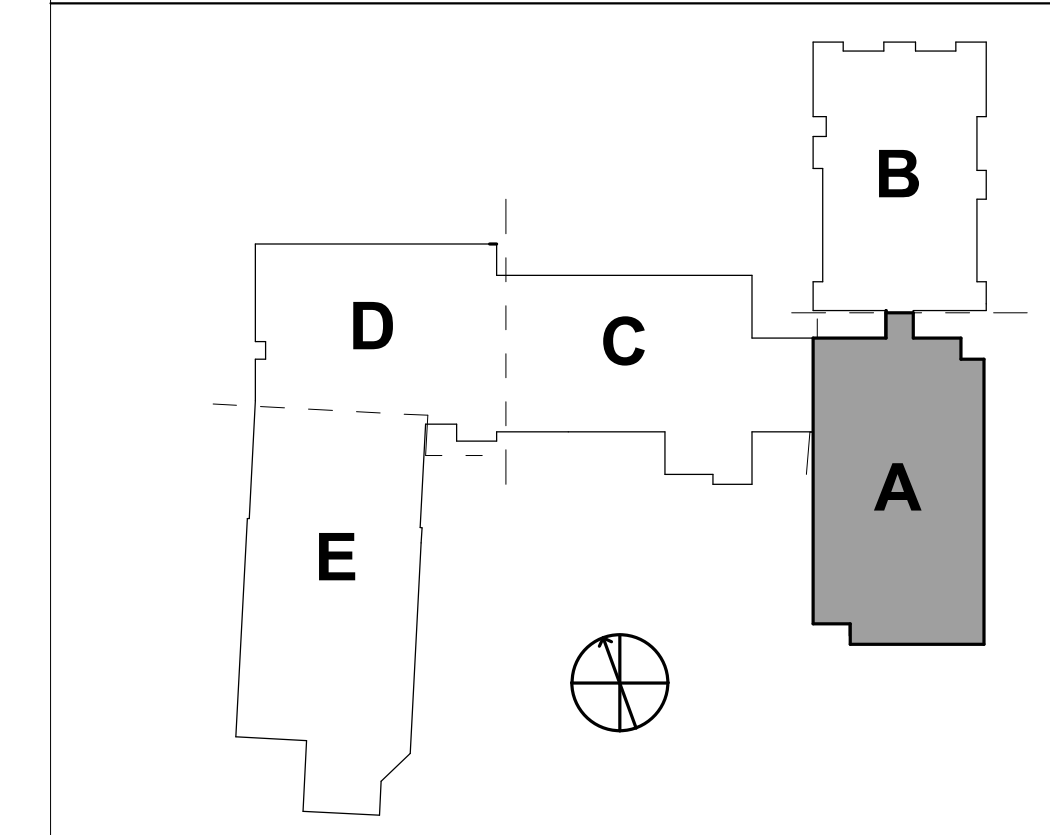
FIRST FLOOR
DOMESTIC WATER
PLAN AREA A

P01.21

WALL RATING LEGEND:

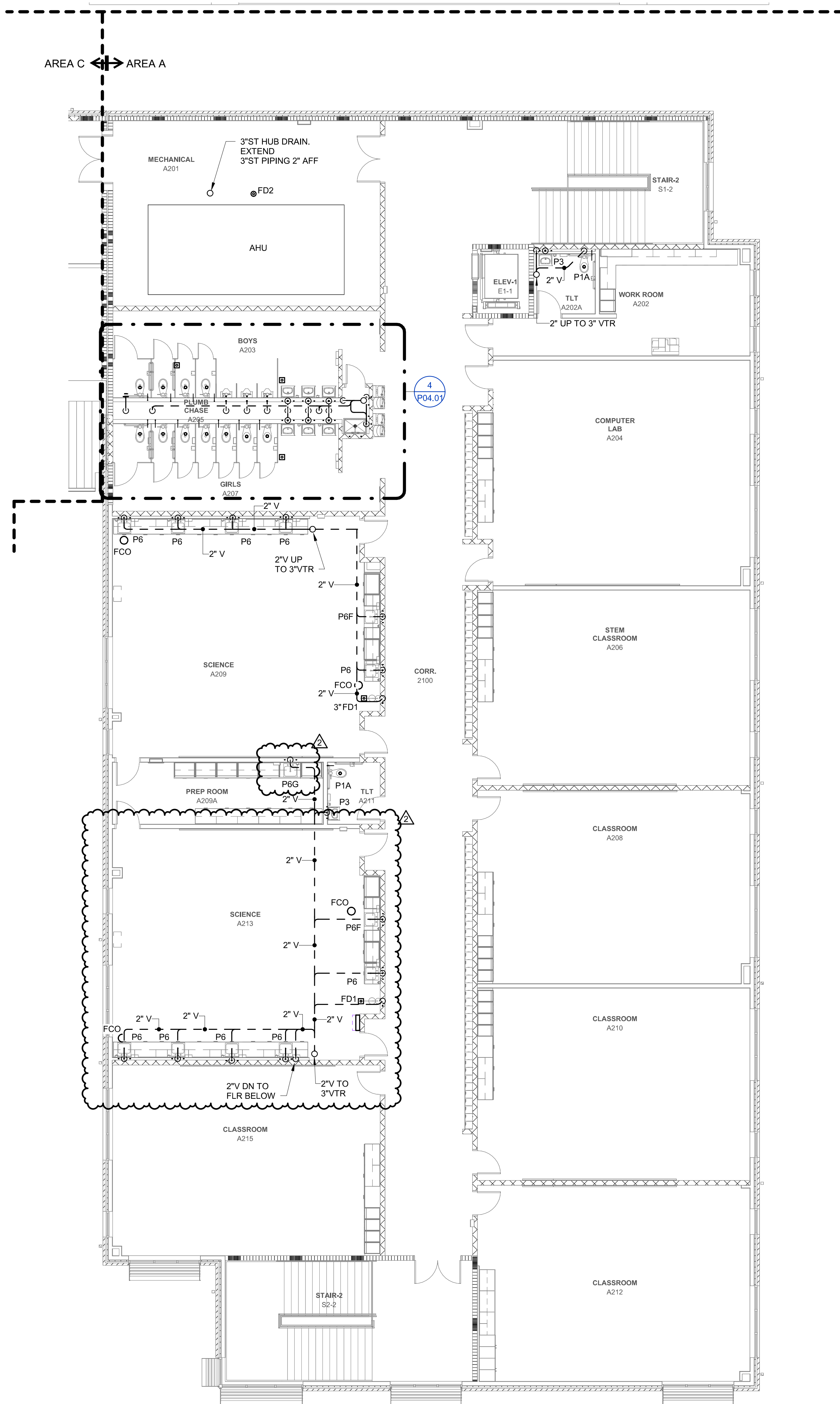
- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:



K
J
H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10



1 SECOND FLOOR WASTE & VENT PLAN AREA A
Scale: 1/8" = 1'-0"



GENERAL NOTES:

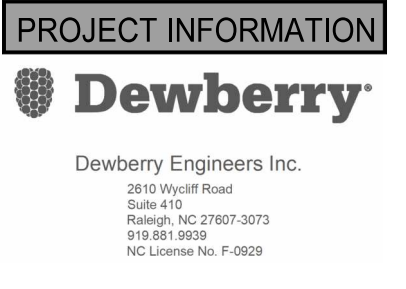
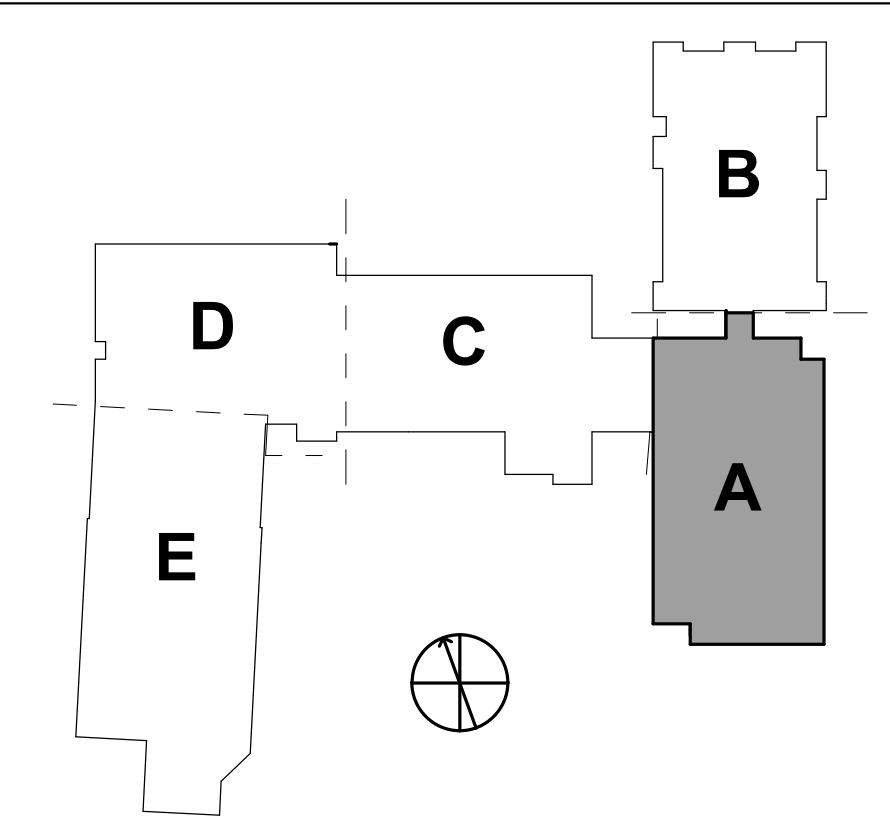
1. REFER TO SHEET P-001 FOR ADDITIONAL GENERAL NOTES.

KEYNOTES:

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
2-HR RATED FIRE WALL
2-HR RATED FIRE BARRIER

KEYPLAN:



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

DEWBERRY NUMBER

50171439

REVISIONS

- 1 Addendum #1 02/03/2025
2 Addendum #2 02/11/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: TNASAT/CPH
Plot Date: 2/7/2025 2:31:28 PM

DATE ISSUED

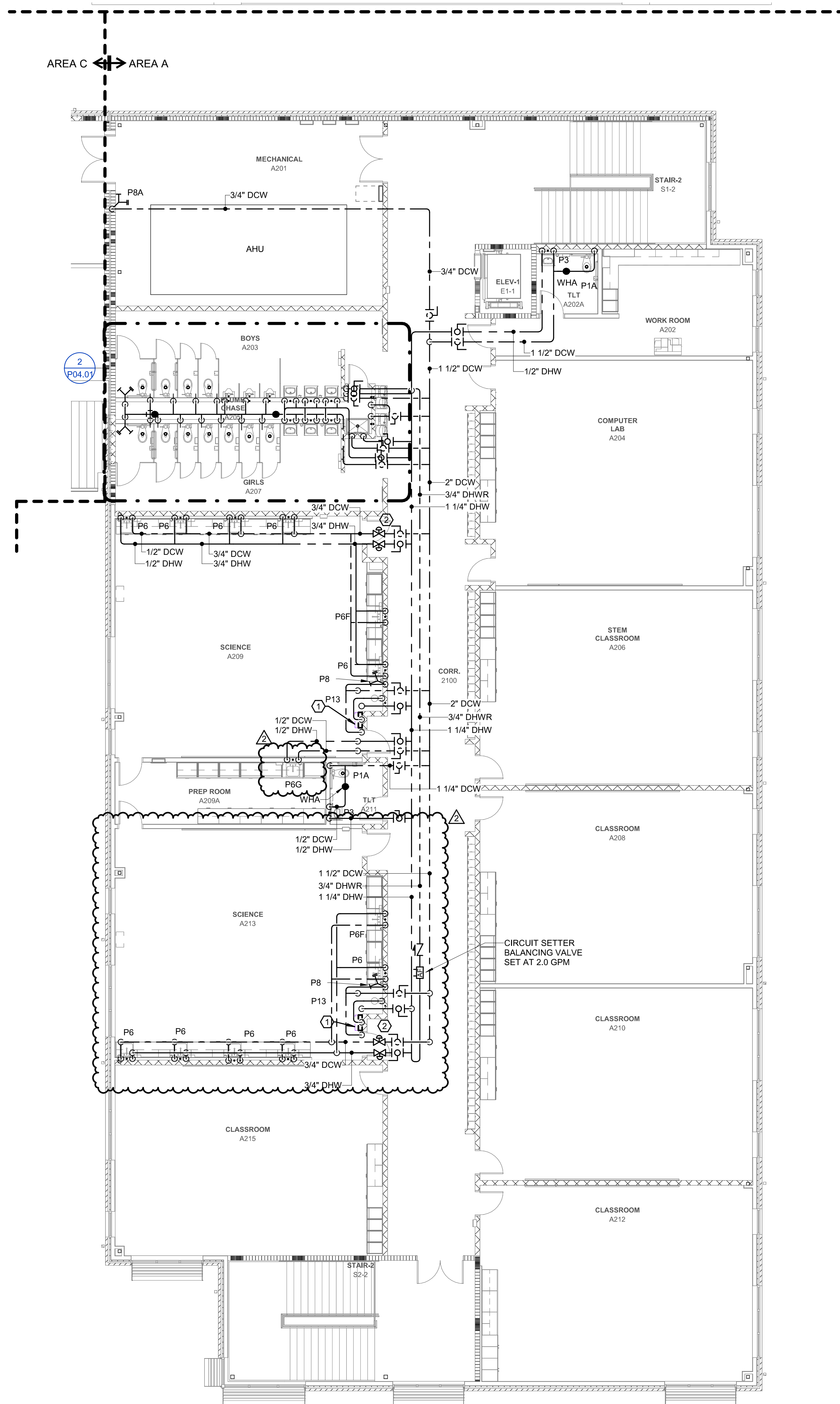
BID DOCUMENTS
01/10/2025

SHEET TITLE

SECOND FLOOR
WASTE & VENT PLAN
AREA A

P02.11

K
J
H
G
F
E
D
C
B
A



1 SECOND FLOOR DOMESTIC WATER PLAN AREA A
Scale: 1/8" = 1'-0"

0' 4' 8' 16'

GENERAL NOTES:

1. REFER TO SHEET P-001 FOR ADDITIONAL GENERAL NOTES.

KEYNOTES:

1. PROVIDE THERMOSTATIC MIXING VALVE FOR EMERGENCY SHOWER UNIT ABOVE CEILING. SET MAX. TEMPERATURE TO 85 DEG F.
2. SOLENOID VALVES FOR DCW AND DHW SUPPLIES TO SCIENCE CLASSROOMS FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY PLUMBING CONTRACTOR.



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

DEWBERRY NUMBER

50171439

REVISIONS

1 Addendum #1 02/03/2025

2 Addendum #2 02/11/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: TNASATCPH
Plot Date: 2/7/2025 2:31:32 PM

DATE ISSUED

BID DOCUMENTS

01/10/2025

SHEET TITLE

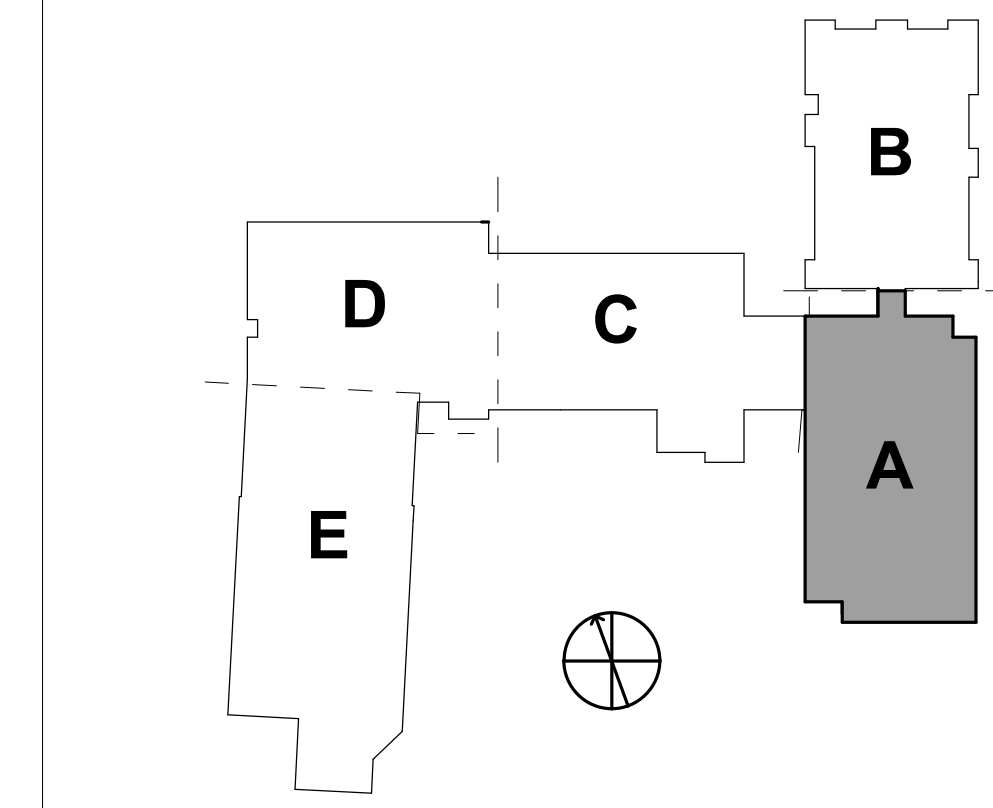
SECOND FLOOR
DOMESTIC WATER
PLAN AREA A

P02.21

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:



CLEANOUT SCHEDULE

| | | |
|-----|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WCO | WALL CLEANOUT | FIXTURE: ZURN MODEL ZS-1488-BP. GAS AND WATERTIGHT TAPERED THREADED BRONZE PLUG. SMOOTH STAINLESS STEEL ACCESS COVER WITH SECURING SCREW. INSTALL AT 12" ABOVE FINISH FLOOR. PROVIDE WITH CLEANOUT TEE WHEN INSTALLED IN VERTICAL PIPING. CLEANOUT SIZE SHALL MATCH PIPE SIZE UP TO 4". |
| FCO | FLOOR CLEANOUT EXTRA HEAVY DUTY | FIXTURE: ZURN MODEL ZS1400-BP. EPOXY-COATED CAST IRON BODY. GAS AND WATERTIGHT TAPERED THREADED BRONZE PLUG. ROUND SCORIATED STAINLESS STEEL EXTRA HEAVY DUTY ADJUSTABLE SECURED TOP. CLEANOUT SIZE SHALL MATCH PIPE SIZE UP TO 4". |
| GCO | GRADE CLEANOUT EXTRA HEAVY DUTY | FIXTURE: ZURN MODEL Z1400-BP. EPOXY-COATED CAST IRON BODY. GAS AND WATERTIGHT TAPERED THREADED BRONZE PLUG. ROUND SCORIATED CAST IRON EXTRA HEAVY DUTY ADJUSTABLE SECURED TOP. CLEANOUT SIZE SHALL MATCH PIPE SIZE UP TO 4". |

GAS-FIRED INSTANTANEOUS WATER HEATER SCHEDULE

| MARK | DESCRIPTION | TEMP RISE | RATING (GPM) | INPUT ENERGY | THERMAL EFFICIENCY | ELECTRICAL | SPECIFICATION |
|-------|---------------------------------|-----------|--------------|---------------|--------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GWH-1 | GAS-FIRED TANKLESS WATER HEATER | 67-DEG-F | 5.6 | 199,000 BTU/H | 90 % | 120 V 1 PH 15 A | NAVIEN MODEL #NPE-240A2. ENERGY STAR CERTIFIED, ASME CONSTRUCTION, WITH BACNET GATEWAY, CONDENSATE NEUTRALIZER KIT, MANIFOLD AIR INTAKE AND FLUE VENT KIT. |
| GWH-2 | GAS-FIRED TANKLESS WATER HEATER | 35-DEG-F | 11.2 | 199,000 BTU/H | 90 % | 120 V 1 PH 15 A | NAVIEN MODEL #NPE-240A2. ENERGY STAR CERTIFIED, ASME CONSTRUCTION, WITH BACNET GATEWAY, CONDENSATE NEUTRALIZER KIT, MANIFOLD AIR INTAKE AND FLUE VENT KIT. |

- NOTES:
1. FURNISH 120V, 20A DISCONNECT TO ELECTRICAL CONTRACTOR FOR INSTALLATION. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. PROVIDE COMMUNICATIONS LINK CABLEING, CONNECT TO BUILDING AUTOMATION SYSTEM. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. PROVIDE WITH COMMON VENTING COMBUSTION AIR INTAKE AND EXHAUST FLUE PIPING PER MANUFACTURER'S RECOMMENDATIONS AND AS ROUTED ON PLANS.
4. PROVIDE MANIFOLD KIT, MOUNTING HARDWARE AND CONDENSATE NEUTRALIZATION KIT BY EQUIPMENT MANUFACTURER.

THERMAL EXPANSION TANK SCHEDULE

| MARK | DESCRIPTION | TOTAL VOLUME | ACCEPT. VOLUME | WEIGHT | SPECIFICATION |
|------|-------------------------------------------------------|--------------|----------------|---------|--------------------------------------------------------------------------------------------|
| ET-1 | THERMAL EXPANSION TANK FOR WH-1 ASME-RATED, DIAPHRAGM | 5.0 GAL | 3.3 GAL | 28.0 LB | WESSELS TTA-SERIES MODEL TTA-12; WELDED STEEL, ASME RATED, FIXED HEAVY-DUTY BUTYL BLADDER. |

PUMP SCHEDULE

| MARK | DESCRIPTION | DESIGN FLOW RATE | DESIGN HEAD | ELECTRICAL | SPECIFICATION |
|------|-----------------------------|------------------|-------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| CP-1 | INLINE CIRCULATION PUMP 125 | 9 GPM | 18 FT | 1/6 HP 120 V 1 PH 60 HZ | BELL AND GOSSETT PR SERIES. ALL BRONZE OR STAINLESS STEEL CONSTRUCTION. PROVIDE WITH AQUASTAT. REFER TO WATER HEATER DETAIL. |
| CP-2 | INLINE CIRCULATION PUMP 140 | 2 GPM | 5 FT | 1/12 HP 120 V 1 PH 60 HZ | BELL AND GOSSETT 100 SERIES. ALL BRONZE OR STAINLESS STEEL CONSTRUCTION. PROVIDE WITH AQUASTAT. REFER TO WATER HEATER DETAIL. |
| SP-1 | ELEVATOR SUMP PUMP | 50 GPM | 20 FT | 3/4 HP 120 V 1 PH 60 HZ | LIBERTY #ELV290 WITH CONTROL AND ALARM PANEL. PROVIDE WITH DRY CONTACTS AND CONNECTIONS TO BUILDING AUTOMATION SYSTEMS. |

- NOTES:
1. DIVISION 22 SHALL PROVIDE SERVICE DISCONNECTS FOR PUMPS. DIVISION 26 SHALL INSTALL. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

INTERCEPTOR SCHEDULE

| MARK | DESCRIPTION | PIPE SIZES | TOTAL VOLUME | DIMENSIONS | SPECIFICATION |
|------|--------------------|-----------------------|--------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| GW-1 | GREASE INTERCEPTOR | 4" INLET 4" OUTLET | 2,000 GAL | 11'-0" LENGTH 6" WIDTH 7" DEPTH | OLDCASTLE PRECAST #GT-2000. INTEGRAL CONCRETE BAFFLE AND VENTED WIER WITH 4" INLET AND OUTLET BOOT CONNECTIONS, RAISED MANWAYS WITH MANHOLE H20 RATED. |

FOOD SERVICE EQUIPMENT SCHEDULE

| ITEM | QTY | DESCRIPTION | DHW SIZE | DCW SIZE | DIRECT WASTE SIZE | INDIRECT WASTE SIZE | GAS SIZE (MBTU/H) | REMARKS |
|------|-----|-------------------------------|---------------|----------|-------------------|---------------------|--------------------|------------------------------|
| 01 | 1 | COLD STORAGE ASSEMBLY | | | | 3" FS | | |
| 07 | 1 | WORKTABLE WITH PREP SINK | 1/2" (140) | 1/2" | | 4" FS | | PROVIDE TMV SET AT 125-DEG-F |
| 08 | 4 | HAND SINK, WALL MOUNT | 1/2" | 1/2" | 2" | | | |
| 09 | 1 | TWO-COMPARTMENT PREP SINK | 1/2" (140) | 1/2" | | 4" FS | | PROVIDE TMV SET AT 125-DEG-F |
| 20 | 1 | UTILITY DISTRIBUTION SYSTEM | 3/4" (140) | 3/4" | | | | |
| 21A | 1 | COMBI OVEN, GAS | | 2@ 1/2" | | 3" FS | | |
| 21B | 1 | COMBI OVEN, GAS | | 2@ 1/2" | | 3" FS | | |
| 22 | 2 | CONVECTION OVEN, GAS | | 2@ 1/2" | | 3" FS | 2@ 3/4" (100 MBH) | |
| 23 | 1 | CONVECTION STEAMER, GAS | | 2@ 1/2" | | 3" FS | 2@ 1-1/4" (64 MBH) | |
| 24 | 1 | TILT SKILLET, GAS | 1/2" (140) | 1/2" | | 3" FS | 3/4" (125 MBH) | TO FLOOR TROUGH ITEM #14 |
| 25 | 1 | FLOOR TROUGH | | | 4" | | | |
| 28 | 1 | ICE MAKER, CUBE STYLE | | 1/2" | | 3" FS | | |
| 28.1 | 1 | ICE BIN | | 1/2" | | 3" FS | | |
| 29 | 1 | THREE-COMPARTMENT SINK | 2@ 1/2" (140) | 2@ 1/2" | | 4" FS | | |
| 33 | 2 | HOT SERVING COUNTER, DROP-IN | | | | 3" FS | | |
| 34 | 2 | COLD SERVING COUNTER, DROP-IN | | | | 3" FS | | |

- PLUMBING FOOD SERVICE EQUIPMENT NOTES:
1. THE PLUMBING CONTRACTOR SHALL COORDINATE THE FINAL SIZES, QUANTITIES, LOCATIONS, AND ROUGH-IN HEIGHTS OF ALL FOOD SERVICE EQUIPMENT PROVIDED BY THE FOOD SERVICE EQUIPMENT VENDOR PRIOR TO INSTALLATION OF PIPING WITHIN THE FOOD SERVICE SPACES. THIS INFORMATION SHALL BE OBTAINED BY THE PLUMBING CONTRACTOR FROM THE FINAL APPROVED FOOD SERVICE EQUIPMENT SUBMITTALS AND SHOP DRAWINGS.
2. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL FINAL PLUMBING CONNECTIONS FROM PLUMBING SYSTEMS TO FOOD SERVICE EQUIPMENT. FINAL INSTALLATION SHALL INCLUDE ALL ACCESSORIES PROVIDED WITH FOOD SERVICE EQUIPMENT SUCH AS: WATER FILTERS, QUICK CONNECT FITTINGS, ETC.
3. WHERE ANY FOOD SERVICE EQUIPMENT HAS NOT BEEN EQUIPPED WITH AN INTEGRAL BACKFLOW PREVENTION DEVICE OR HAS NOT BEEN PROVIDED WITH A BACKFLOW PREVENTION DEVICE BY THE FOOD SERVICE EQUIPMENT VENDOR, AN APPROPRIATE BACKFLOW PREVENTION DEVICE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR AS REQUIRED BY THE NORTH CAROLINA PLUMBING CODE.
4. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL INDIRECT WASTE PIPING ASSOCIATED WITH FOOD SERVICE EQUIPMENT TO WASTE RECEPTORS INDICATED ON THE PLUMBING PLANS. FINAL INSTALLATION SHALL INCLUDE ALL ACCESSORIES PROVIDED WITH FOOD EQUIPMENT SUCH AS: LEVER DRAINS, VALVES, FLOW CONTROL FITTINGS, ETC.
5. PROVIDE FIXTURE WITH A POINT-OF-USE THERMOSTATIC MIXING VALVE, BASIS-OF-DESIGN: LEONARD MODEL 176L-F-CP-BKRT; ASSE 1070 COMPLIANT, LEAD-FREE, CHROME-PLATED BRONZE, THERMOSTATIC, WITH WALL BRACKET, MOUNT MIXING VALVE ON WALL, BENEATH FIXTURE, WHERE AN APRON OR SHROUD IS PROVIDED, COORDINATE THE INSTALLATION WITH SUCH A SHROUD SO THAT THE MIXING VALVE IS CONCEALED WITHIN THE APRON OR SHROUD ASSEMBLY.

PLUMBING FIXTURE SCHEDULE

| ZF | DESCRIPTION | HW | CW | WASTE | VENT | REMARKS |
|-----|-----------------------------------------------|--------|------|-------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P7 | WALL HYDRANT | | 3/4" | | | WOODFORD MODEL 65P-3/4; CHROME FINISH, WITH LOOSE TEE KEY; ASSE 1019 APPROVED, ANTI-SIPHON VACUUM BREAKER, 3/4" MALE HOSE THREAD OUTLET. |
| P7A | EXTERIOR WALL HYDRANT (CAN WASH) | | 3/4" | | | MOUNTING HEIGHT: 18" ABOVE FINISHED GRADE. FIXTURE: FIELD BUILT BASIN FAUCET: WOODFORD HCB67-CH, TWIN TEMP, RECESSED, CHROME PLATED. PROVIDE WITH TEE OPERATION; AUTOMATIC DRAINING; MOUNT AT 48" AFF TO CENTERLINE. |
| P8 | INTERIOR HOSE BIBB (FINISHED AREAS) | | 1/2" | | | WOODFORD MODEL B24P-1/2; RECESSED WALL BOX, CHROME-PLATED FINISH, OPTIONAL METAL WHEEL HANDLE; ASSE 1011 APPROVED, ANTI-SIPHON, VACUUM BREAKER, 3/4" MALE HOSE THREAD OUTLET. |
| P8A | INTERIOR HOSE BIBB (MECHANICAL ROOMS) | | 3/4" | | | MOUNTING HEIGHT: 12" ABOVE FINISHED FLOOR. WOODFORD MODEL 24P-1/2-ANTI-SIPHON WALL FAUCET WITH WHEEL HANDLE. FIXTURE: SYMMONS 96-500-B30-X-V-L, SHOWER VALVE WITH SHOWER HEAD AND HAND HELD SHOWER. |
| P9 | SHOWER VALVE (ADA) | 1/2" | 1/2" | 2" | 2" | PROVIDE WITH DIVERTER VALVE, INTEGRAL SERVICE STOPS, IN-LINE VACUUM BREAKER, 30" SLIDE BAR, AND LEVER HANDLE PRECISION PLUMBING PRODUCTS MODEL MM-500; 5-3/4"X5-1/4"X2-1/2" D; RECESSED; 1/4" TURN BRASS BALL VALVE. PROVIDE BUILT-IN WATER HAMMER ARRESTOR (ASSE 1010); MOUNT AT 12" AFF TO CENTERLINE. |
| P10 | ICE MAKER BOX | | 1/2" | | | PRECISION PLUMBING PRODUCTS MODEL MM-500-PLBFR; 8-3/4"X7-1/16"X3-5/16" D. PROVIDE BUILT-IN WATER HAMMER ARRESTOR (ASSE 1010); MOUNT AT 48" AFF TO CENTERLINE |
| P11 | WASHER BOX | 1/2" | 1/2" | 2" | 2" | SIoux CHIEF OX BOX 696-3 WITH 696-CF INDIRECT DRAINAGE FUNNEL. PROVIDE WITH LOUVERED FACE PLATE. |
| P12 | CONDENSATE WALL BOX | | | 2" | | BRADLEY MODEL S19314; PROVIDE STAINLESS STEEL BOWL WITH DUST COVER AND FOOT PEDAL OPERATOR; PROVIDE S19-2150 THERMOSTATIC MIXING VALVE ABOVE CEILING AND SET TO DELIVER 85 DEG F, TEMPERED WATER TO UNIT. |
| P13 | COMBINATION EMERGENCY SHOWER AND EYEWASH UNIT | 1 1/4" | | | | |

Tankless Water Heater Sizing Calculator

| Developed by the Plan Review Unit of the Environmental Health Section NC Division of Public Health | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|--|
| Enter the quantity of each piece of equipment listed below. For other equipment enter the description and gallon per minute (GPM) value. Find dishmachine GPM on the "Dishmachine Spec" sheet below or on the manufacturer's spec sheet | | | |
| Establishment Name: Rosewood | | | |
| Address: | | | |
| Equipment | Quantity | GPM Calculated | |
| Handwashing sink | 5 | 5 GPM each 2.5 | |
| Warewashing sink | 1 | 2 GPM each 2 | |
| Prep sink | 2 | 1 GPM each 2 | |
| Service sink | 2 | 1 GPM each 2 | |
| Other equipment | Description | GPM value | |
| Other equipment | Skillet | 0.5 | |
| Other equipment | | 0 | |
| Other equipment | | 0 | |
| Dishmachine Brand | Dishmachine Model | Dishmachine GPM | |
| Pre-rinse Quantity | 1 | 2 GPM each 2 | |
| Total Gallons per Minute (GPM) Needed: | | 11 | |

PLUMBING FIXTURE SCHEDULE

| | DESCRIPTION | HW | CW | WASTE | VENT | REMARKS | |
|-----|-----------------------------------------------|----|------|-------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ZF | FLOOR DRAIN (FINISHED AREAS) | | | 3" | 2" | ZURN MODEL #ZN415-P. PROVIDE WITH DEEP SEAL P-TRAP AND TYPE "S" SQUARE STRAINER AND PROSET TG-33 TRAPGUARD INSERT TO PREVENT SEWER GASAS FROM ESCAPING DRAIN | |
| FD2 | FLOOR DRAIN (MECHANICAL AREAS) | | | 3" | 2" | ZURN MODEL #ZN415-P. PROVIDE WITH DEEP SEAL P-TRAP AND TYPE "I" SQUARE STRAINER WITH LIP AND PROSET TG-33 TRAPGUARD INSERT TO PREVENT SEWER GASAS FROM ESCAPING DRAIN | |
| FD3 | FLOOR SINK | | | 3" | | ZURN MODEL #Z1902, 12"x12"x10" DEPTH, BOTTOM OUTLET WITH DEEP SEAL P-TRAP, INTEGRAL STAINLESS STEEL DOME STRAINER, AND REMOVABLE HALF GRATE. MOUNT TOP OF LIP FLUSH WITH FLOOR. | |
| P1 | WATER CLOSET (STANDARD) (FLOOR MOUNTED) | | 1" | 4" | 2" | FIXTURE: AMERICAN STANDARD #2234.001 MADERA, VITREOUS CHNA, 1.6 GPM TOP SPUD, 15" HEIGHT ELONGATED BOWL VALVE: SLOAN #111, POLISHED CHROME, 1.6 GPM DIAPHRAGM TYPE SEAT: CHURCH NO. 9500NSSC INSTITUTIONAL GRADE WATER CLOSET SEAT WITH SELF-SUSTAINING CHECK HINGES. | |
| P1A | WATER CLOSET (ADA) (FLOOR MOUNTED) | | 1" | 4" | 2" | FIXTURE: AMERICAN STANDARD #3043.001 MADERA, VITREOUS CHINA, 1.6 GPM TOP SPUD, 16 1/2" HEIGHT ELONGATED BOWL VALVE: SLOAN #111, POLISHED CHROME, 1.6 GPM DIAPHRAGM TYPE SEAT: CHURCH NO. 9500NSSC INSTITUTIONAL GRADE WATER CLOSET SEAT WITH SELF-SUSTAINING CHECK HINGES. MOUNT FLUSH VALVE HANDLE ON WIDE SIDE OF STALL | |
| P1B | WATER CLOSET (STANDARD HEIGHT) (WALL MOUNTED) | | 1" | 4" | 2" | FIXTURE: AMERICAN STANDARD #2257.101 AFWALL MILLENNIUM, VITEROUS CHINA, 1.6 GPM TOP SPUD, 16 1/2" HEIGHT ELONGATED BOWL VALVE: SLOAN #111, POLISHED CHROME, 1.6 GPM DIAPHRAGM TYPE SEAT: CHURCH NO. 9500NSSC INSTITUTIONAL GRADE WATER CLOSET SEAT WITH SELF-SUSTAINING CHECK HINGES. CARRIER: WADE 330 NO-HUB VERTICAL, ADJUSTABLE. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT | |
| P1C | WATER CLOSET (ADA) (WALL MOUNTED) | | 1" | 4" | 2" | FIXTURE: AMERICAN STANDARD #2257.101 AFWALL MILLENNIUM, VITEROUS CHINA, 1.6 GPM TOP SPUD, 16 1/2" HEIGHT ELONGATED BOWL VALVE: SLOAN #111, POLISHED CHROME, 1.6 GPM DIAPHRAGM TYPE SEAT: CHURCH NO. 9500NSSC INSTITUTIONAL GRADE WATER CLOSET SEAT WITH SELF-SUSTAINING CHECK HINGES. CARRIER: WADE 330 NO-HUB VERTICAL, ADJUSTABLE. MOUNT FLUSH VALVE HANDLE ON WIDE SIDE OF STALL. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT | |
| P1D | WATER CLOSET (ADA) (FLOOR MOUNTED) | | 1" | 4" | 2" | FIXTURE: AMERICAN STANDARD #3248.001 MADERA, VITREOUS CHINA, 1.6 GPM TOP SPUD, 16 1/2" HEIGHT ELONGATED BOWL, SLOTTED RIM FOR BEDPAN. VALVE: SLOAN #BPW 1000-1.6, POLISHED CHROME, 1.6 GPM DIAPHRAGM TYPE WITH BEDPAN WASHER. SEAT: CHURCH NO. 9500NSSC INSTITUTIONAL GRADE WATER CLOSET SEAT WITH SELF-SUSTAINING CHECK HINGES. MOUNT FLUSH VALVE HANDLE ON WIDE SIDE OF STALL | |
| P2 | URINAL (STANDARD HEIGHT) | | 3/4" | 2" | 1 1/2" | FIXTURE: AMERICAN STANDARD #6590.001 WASHBROOK, VITREOUS CHINA, 1.0 GPF, ELONGATED 14" RIM. VALVE: SLOAN #186, POLISHED CHROME, 1.0 GPF, DIAPHRAGM TYPE, 3/4" TOP SPUD REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT | |
| P2A | URINAL (ADA) | | 3/4" | 2" | 1 1/2" | FIXTURE: AMERICAN STANDARD #6590.001 WASHBROOK, VITREOUS CHINA, 1.0 GPF, ELONGATED 14" RIM. VALVE: SLOAN #186, POLISHED CHROME, 1.0 GPF, DIAPHRAGM TYPE, 3/4" TOP SPUD REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT | |
| P3 | LAVATORY (ADA) | | 1/2" | 1/2" | 2" 1 1/2" | BOWL: AMERICAN STANDARD #4869.004 "REGLYN", WHITE ENAMELED CAST IRON FAUCET: DELTA #86T153, CHROME PLATED,VANDAL PROOF, 0.5 GPM AERATED METERING FAUCET TRIM: MCGUIRE 8902 P-TRAP, MCGUIRE 167 SUPPLIES WITH LOOSE KEY STOPS, MCGUIRE 155A STRAINER, CHROME PLATED BRASS TUBING TO WALL WITH ESCUTCHEON TMV: SYMMONS MODEL 7-225-CK-MS MIXING VALVE. SET SUPPLY TEMPERATURE AT 110 DEG F INSUL. COVER: MCGUIRE PW2000 INSULATION KIT FOR P-TRAP AND SUPPLIES REFER TO ARCHITECTURAL DRAWINGS FOR ADA MOUNTING REQUIREMENTS | |
| P4 | WATER COOLER (ADA) | | 1/2" | 2" | 1 1/2" | FIXTURE: ELKAY #LVRGCRNTL8WSK, STAINLESS STEEL, BUBBLER BUTTON, VANDAL RESISTANT COOLER AND BOTTLE FILLER, ADA COMPLIANT. TRIM: MCGUIRE 8912C/8902C P-TRAP, MCGUIRE 166 SUPPLIES REFER TO ARCHITECTURAL DRAWINGS FOR ADA MOUNTING REQUIREMENTS | |
| P4A | WATER COOLER W/BOTTLE FILLER (ADA) | | 1/2" | 2" | 2" | FIXTURE: ELKAY #LVRGCRNTL8WSK; BI-LEVEL STAINLESS STEEL UNIT WITH BOTTLE-FILLING STATION, SURFACES UTILIZING ANTIMICROBIAL COMPOUNDS, PUSH BAR ACTIVATION WITH INFRARED SENSOR FOR BOTTLE-FILLING STATION, FLEXIBLE SAFETY SPOUT GUARD; 8.0 GPH OF 50 °F WATER CHILLING CAPACITY | |
| P5 | MOP SINK | | 1/2" | 1/2" | 3" | 2" | FIXTURE: FIAT #MSB3636 36X36X10 MOP SINK BASIN WITH STAINLESS STEEL DRAIN W/ STRAINER FAUCET: FIAT #830AA SERVICE FAUCET, WITH INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK, AND 3/4" HOSE THREAD. ACCESSORIES: FIAT #832AA HOSE AND HOSE BRACKET, FIAT #889CC MOP HANGER, FIAT #MSG3624 STAINLESS STEEL WALL GUARD, FIAT #E88-AA STAINLESS STEEL BUMPER GUARD |
| P5A | UTILITY SINK | | 1/2" | 1/2" | 2" | 2" | FIXTURE: FLORESTONE MODEL FL-1, FIBERGLASS SINK WITH (4) WHITE BAKED ENAMELED LEGS. FAUCET: FLORESTONE MODEL A-1 FAUCET SUPPLIES. MCGUIRE 167 WITH LOOSE TEE KEYS, CHROME PLATED BRASS TUBING TO WALL ESCUTCHEON P-TRAP: MCGUIRE 8902 STRAINER. FURNISHED WITH SINK BASIN |
| P6 | SCIENCE SINK | | 1/2" | 1/2" | 2" | 2" | FIXTURE: FURNISHED WITH CASEWORK SUPPLIER. FAUCET: WATERSAVER #L414VB, 4-ARM HANDLES, DECK-MOUNTED, SINGLE HOLE, CHROME PLATED, INTEGRAL, 6" TUBULAR BRASS ARC SPOUT WITH VACUUM BREAKER. 1.5 GPM PRESSURE COMPENSATING, NON-AERATING, SERRATED HOSE END OUTLET. NEUTRALIZATION TANK STRIEM "LAB RAT" MODEL LB-2-ADA; ADA COMPLIANT, POLYETHYLENE, 2 GALLON, BUILT-IN SEWER GAS TRAP. TRIM: MCGUIRE 167 SUPPLIES. INSTALL ALL FAUCETS FURNISHED WITH CASEWORK. ALL PIPING BETWEEN SINK AND DILUTION TRAP SHALL BE ACID RESISTANT POLYPROPYLENE WITH MECHANICAL JOINTS. MOUNT DILUTION TRAP IN CASEWORK UNDER SINK. |
| P6A | SINK (ADA) | | 1/2" | 1/2" | 2" | 2" | FIXTURE: ELKAY #LRAD19196SPD, STAINLESS STEEL 19-1/2" X 19" X 6-1/2" SINGLE BOWL DROP-IN ADA SINK WITH PERFECT DRAIN, 18 GAUGE. FAUCET: DELTA #100-DST, SINGLE LEVER, DECK-MOUNTED WITH 8" FIXED CENTERS AND SIDE SPRAY, CHROME PLATED, INTEGRAL, TUBULAR BRASS SPOUT, 8" CENTER-TO-CENTER. 1.8 GPM AERATOR ON OUTLET TRIM: MCGUIRE 8912C/8902C P-TRAP, MCGUIRE 167 SUPPLIES WITH LOOSE KEY STOPS, MCGUIRE 155A STRAINER, CHROME PLATED BRASS TUBING TO WALL WITH ESCUTCHEON TMV: SYMMONS MODEL 7-225-CK-MS MIXING VALVE. SET SUPPLY TEMP AT 110 DEG. F INSUL. COVER: MCGUIRE PW2000 INSULATION KIT FOR P-TRAP AND SUPPLIES REFER TO ARCHITECTURAL DRAWINGS FOR ADA MOUNTING REQUIREMENTS |
| P6B | ART ROOM SINK (STANDARD) | | 1/2" | 1/2" | 2" | 2" | FIXTURE: ELKAY #LRAD252110, STAINLESS STEEL 25" X 21-1/4" X 10" SINGLE BOWL DROP-IN ADA SINK, 18 GAUGE. FAUCET: DELTA 400-DST, SINGLE LEVER, DECK-MOUNTED, SINGLE HOLE, CHROME PLATED, INTEGRAL, TUBULAR BRASS GOOSENECK SPOUT. 1.5 GPM PRESSURE COMPENSATING, NON-AERATING, LAMINAR OUTLET, AND SPRAYER. TRIM: MCGUIRE 8902 P-TRAP, MCGUIRE 167 SUPPLIES WITH LOOSE KEY STOPS, MCGUIRE 151 STRAINER, CHROME PLATED BRASS TUBING TO WALL WITH ESCUTCHEON PROVIDE WITH J.R. SMITH 8710 SOLIDS INTERCEPTOR, ON-FLOOR TYPE. |
| P6C | ART ROOM SINK (ADA) | | 1/2" | 1/2" | 2" | 2" | FIXTURE: ELKAY #LRAD252155, STAINLESS STEEL 25" X 21-1/4" X 5-1/2" SINGLE BOWL DROP-IN ADA SINK, 18 GAUGE. FAUCET: DELTA 400-DST, SINGLE LEVER, DECK-MOUNTED, SINGLE HOLE, CHROME PLATED, INTEGRAL, TUBULAR BRASS GOOSENECK SPOUT. 1.5 GPM PRESSURE COMPENSATING, NON-AERATING, LAMINAR OUTLET, AND SPRAYER. TRIM: MCGUIRE 8902 P-TRAP, MCGUIRE 167 SUPPLIES WITH LOOSE KEY STOPS, MCGUIRE 151 STRAINER, CHROME PLATED BRASS TUBING TO WALL WITH ESCUTCHEON PROVIDE WITH J.R. SMITH 8710 SOLIDS INTERCEPTOR, ON-FLOOR TYPE. |
| P6E | EC KITCHEN SINK (2-COMP) | | 1/2" | 1/2" | 2" | 2" | FIXTURE: ELKAY #LRAD33196SPD, STAINLESS STEEL 33" X 19" X 6-1/2" DOUBLE BOWL DROP-IN ADA SINK WITH PERFECT DRAIN, 18 GAUGE. FAUCET: DELTA #400-DST, SINGLE LEVER, DECK-MOUNTED WITH 8" FIXED CENTERS AND SIDE SPRAY, CHROME PLATED, INTEGRAL, TUBULAR BRASS SPOUT, 8" CENTER-TO-CENTER. 1.8 GPM AERATOR ON OUTLET TRIM: MCGUIRE 8902 P-TRAP, MCGUIRE 167 SUPPLIES WITH LOOSE KEY STOPS, MCGUIRE 151 STRAINERS, CONTINUOUS WASTE, CHROME PLATED BRASS TUBING TO WALL WITH ESCUTCHEON TMV: SYMMONS MODEL 7-225-CK-MS MIXING VALVE. SET SUPPLY TEMP AT 110 DEG. F INSUL. COVER: MCGUIRE PW2000 INSULATION KIT FOR P-TRAP AND SUPPLIES REFER TO ARCHITECTURAL DRAWINGS FOR ADA MOUNTING REQUIREMENTS |
| P6F | SCIENCE SINK (ADA) | | 1/2" | 1/2" | 2" | 2" | FIXTURE: FURNISHED WITH CASEWORK SUPPLIER. FAUCET: WATERSAVER #L414VB, 4-ARM HANDLES, DECK-MOUNTED, SINGLE HOLE, CHROME PLATED, INTEGRAL, 6" TUBULAR BRASS ARC SPOUT WITH VACUUM BREAKER. 1.5 GPM PRESSURE COMPENSATING, NON-AERATING, SERRATED HOSE END OUTLET. NEUTRALIZATION TANK STRIEM "LAB RAT" MODEL LB-2-ADA; ADA COMPLIANT, POLYETHYLENE, 2 GALLON, BUILT-IN SEWER GAS TRAP. TRIM: MCGUIRE 167 SUPPLIES. INSTALL ALL FAUCETS FURNISHED WITH CASEWORK. ALL PIPING BETWEEN SINK AND DILUTION TRAP SHALL BE ACID RESISTANT POLYPROPYLENE WITH MECHANICAL JOINTS. MOUNT DILUTION TRAP IN ADJACENT CASEWORK. |
| P6G | SCIENCE SINK (ADA) | | 1/2" | 1/2" | 2" | 2" | FIXTURE: FURNISHED WITH CASEWORK SUPPLIER. FAUCET: WATERSAVER #L414VB, 4-ARM HANDLES, DECK-MOUNTED, SINGLE HOLE, CHROME PLATED, INTEGRAL, 6" TUBULAR BRASS ARC SPOUT WITH VACUUM BREAKER. 1.5 GPM PRESSURE COMPENSATING, NON-AERATING, SERRATED HOSE END OUTLET. NEUTRALIZATION TANK STRIEM "LAB RAT" MODEL LB-2-ADA; ADA COMPLIANT, POLYETHYLENE, 2 GALLON, BUILT-IN SEWER GAS TRAP. TRIM: MCGUIRE 167 SUPPLIES. EYEWASH: BRADLEY #S19274HDS; SWING DOWN DECK-MOUNTED, EYEWASH UNIT. INSTALL ADJACENT TO FAUCET. CONFIRM FINAL LOCATION PRIOR TO INSTALL. PROVIDE BRADLEY #S19-2000 TMV BELOW COUNTER-TOP IN CASEWORK. INSTALL ALL FAUCETS FURNISHED WITH CASEWORK. ALL PIPING BETWEEN SINK AND DILUTION TRAP SHALL BE ACID RESISTANT POLYPROPYLENE WITH MECHANICAL JOINTS. MOUNT DILUTION TRAP IN ADJACENT CASEWORK. |



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

DEWBERRY NUMBER

50171439

REVISIONS

| | | |
|---|-------------|------------|
| 1 | Addendum #1 | 02/03/2025 |
| 2 | Addendum #2 | 02/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: TNASAT/CPH
Plot Date: 2/17/2025 2:31:32 PM

DATE ISSUED

BID DOCUMENTS

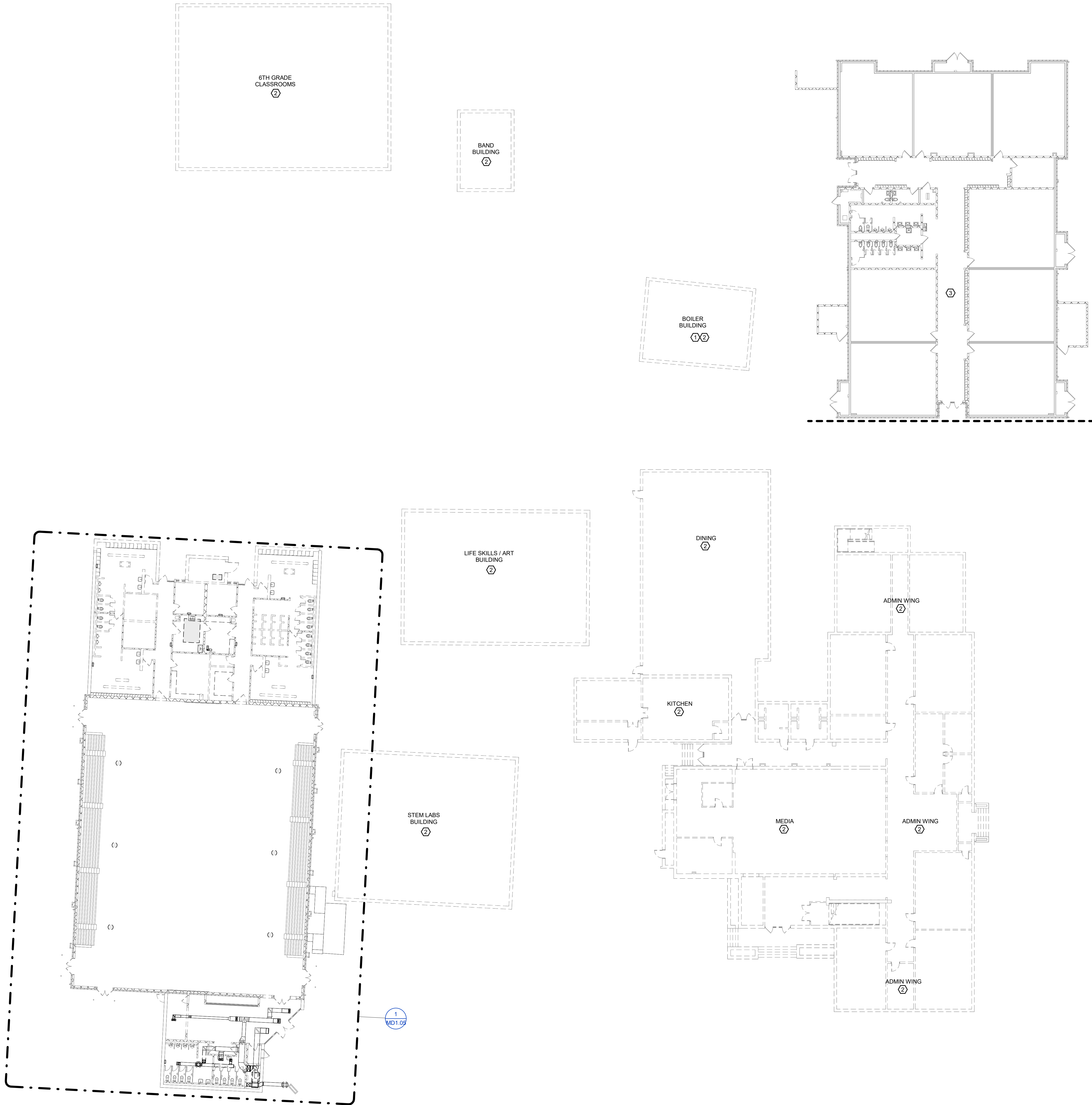
01/10/2025

SHEET TITLE

SCHEDULES

P06.01

K
J
H
G
F
E
D
C
B
A



1 FIRST FLOOR MECHANICAL DEMOLITION PLAN
Scale: 1/16" = 1'-0"



GENERAL NOTES:

1. SEE SHEET MD0.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.

KEYNOTES:

- 1 BOILER PLANT AND ASSOCIATED CAMPUS STEAM/CONDENSATE SYSTEM DISTRIBUTION PIPING DEMOLISHED UNDER SEPARATE PHASE 1 CONTRACT. ALL STEAM/CONDENSATE SYSTEM COMPONENTS WITHIN THE EXISTING GYMNASIUM BUILDING INCLUDING PIPING, EQUIPMENT, AND SUPPORTS SHALL BE DEMOLISHED UNDER THIS CONTRACT; REFER TO MD1.05 FOR ADDITIONAL INFORMATION.
- 2 THIS BUILDING/BUILDING AREA DEMOLISHED UNDER SEPARATE PHASE 1 CONTRACT.
- 3 FOR BID ALTERNATE 2 ONLY (AREA 'B' RENOVATION); TEMPORARILY SUPPORT, CLEAN, AND REINSTALL ALL EXISTING CEILING GRILLES AND DIFFUSERS IN AREA 'B' CEILINGS TO FACILITATE CEILING REPLACEMENT WORK. REFER TO ARCHITECTURAL FOR DETAILED CEILING REPLACEMENT WORK SCOPE. FIELD VERIFY QTY AND LOCATIONS PRIOR TO START OF WORK.



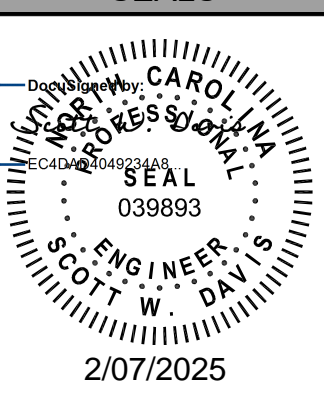
Dewberry Engineers Inc.
200 South Main
Raleigh, NC 27601-3071
919.833.3737
NC License No. P-4028

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

DEWBERRY NUMBER

50171439

REVISIONS

2 Addendum #2 02/11/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2016 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: SMF
Plot Date: 2/7/2025 2:59:41 PM

DATE ISSUED

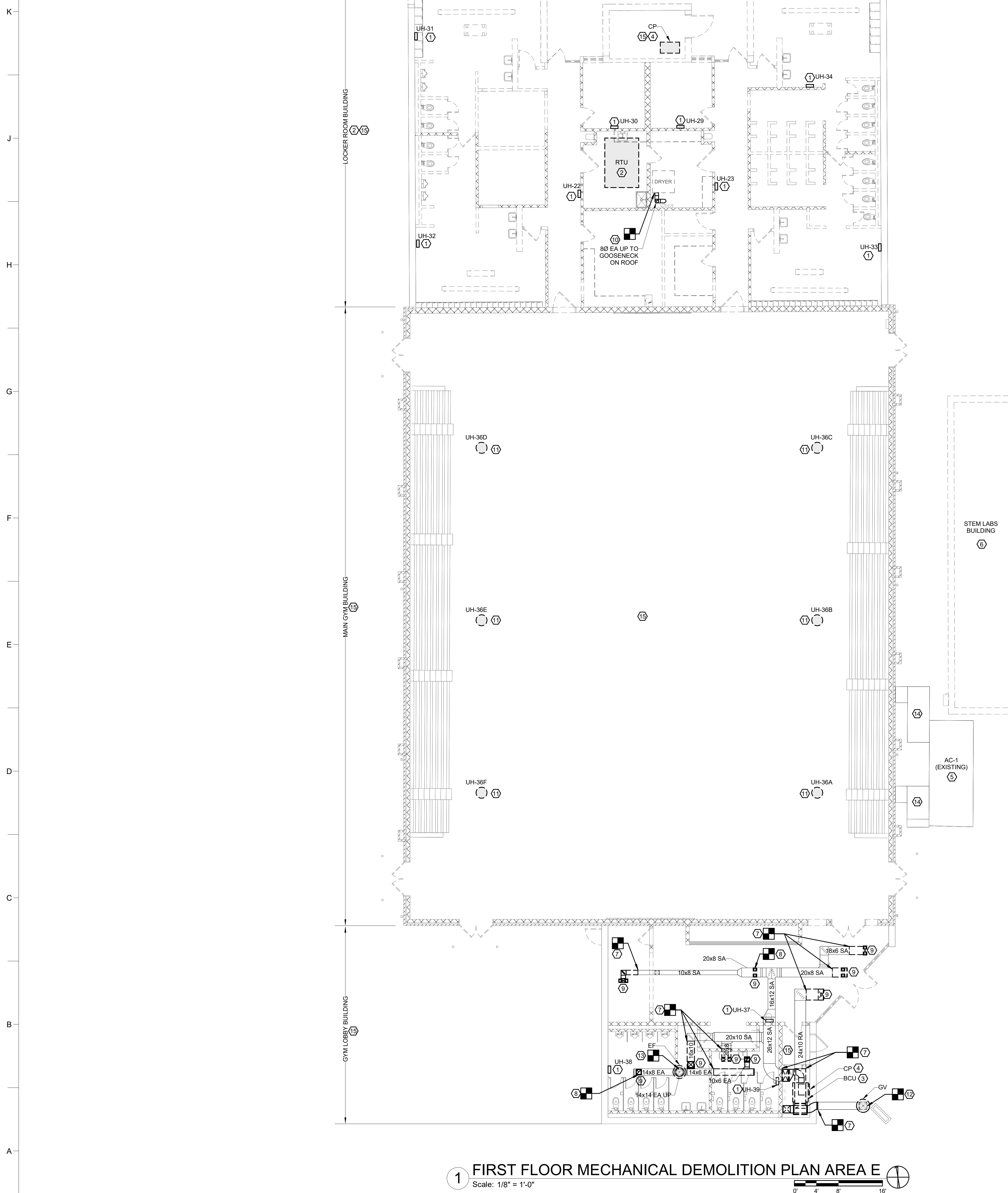
BID DOCUMENTS

01/10/2025

SHEET TITLE

FIRST FLOOR
MECHANICAL
DEMOLITION PLAN

MD1.00



1. SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.

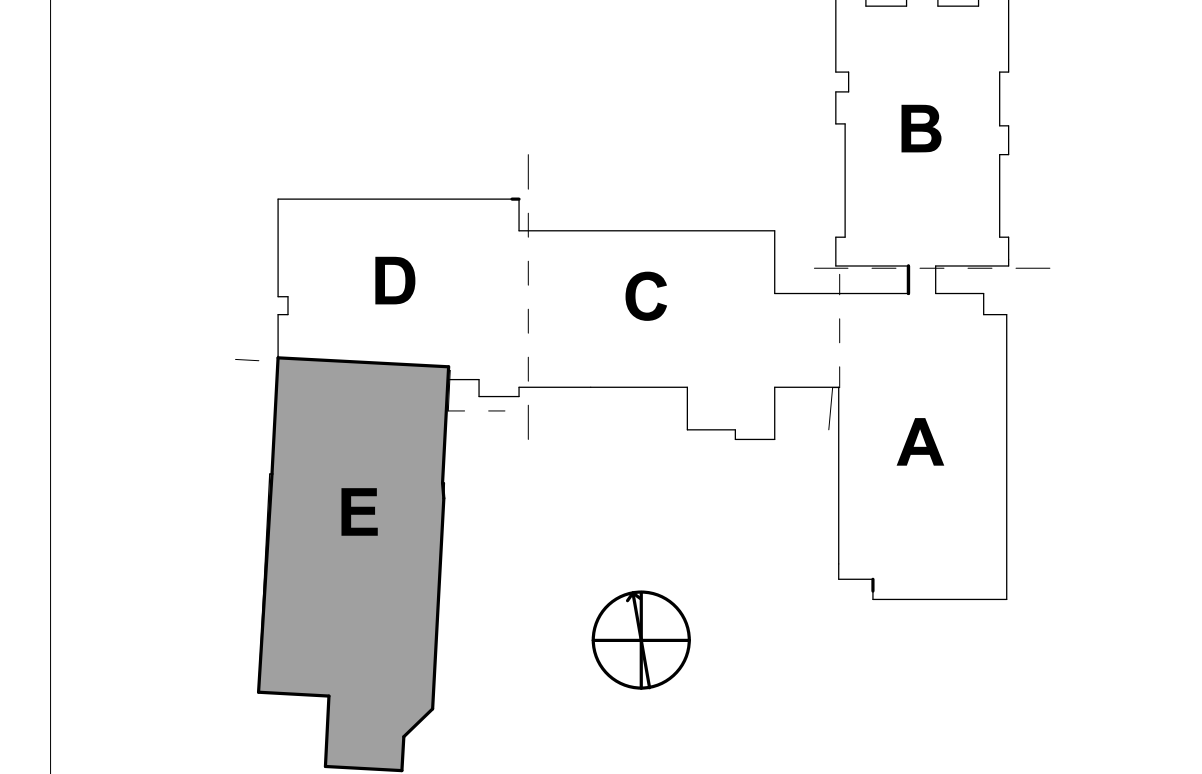
1. SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.

| | |
|---|----------------------------------------------------------|
| 1 | DEMOLISH TEMPORARY WALL-MOUNTED ELECTRIC UNIT HEATER AND |
|---|----------------------------------------------------------|

- 1 DEMOLISH TEMPORARY WALL-MOUNTED ELECTRIC UNIT HEATER AND PATCH WALL.
- 2 DEMOLISH LOCKER ROOM BUILDING HVAC SYSTEMS INCLUDING DX ROOFTOP UNIT, STEAM COILS, STEAM FAN COIL UNIT(S), CONDENSATE PUMPS, AND EXHAUST FANS WITH ALL ASSOCIATED PIPING, DUCTWORK, AND CONTROLS.
- 3 DEMOLISH HORIZONTAL STEAM BLOWER COIL UNIT SERVING GYMNASIUM LOBBY AREA. DISCONNECT DUCTWORK AND DEMOLISH BACK TO POINTS INDICATED. DISCONNECT PIPING AND CONTROLS AND DEMOLISH IN THEIR ENTIRETY.
- 4 DEMOLISH FLOOR MOUNTED DUPLEX ELECTRIC STEAM CONDENSATE PUMP. DISCONNECT POWER AND DEMOLISH DISCONNECT SWITCH. DISCONNECT PIPING AND CONTROLS AND DEMOLISH IN THEIR ENTIRETY.
- 5 EXISTING GYMNASIUM AIR CONDITIONING SYSTEM TO REMAIN INCLUDING PAD-MOUNTED DX AC UNIT, DUCTWORK AND CONTROLS.
- 6 THIS BUILDING/BUILDING AREA DEMOLISHED UNDER SEPARATE PHASE 1 CONTRACT
- 7 DISCONNECT DUCT AT POINT INDICATED AND DEMOLISH EXSTENTS INDICATED INCLUDING CEILING GRILLES REGISTERS AND DIFFUSERS.
- 8 BRANCH DUCT OFF BOTTOM OF MAIN DUCT EXTENDS DOWN TO CEILING GRILLE. DISCONNECT BRANCH FROM MAIN AND DEMOLISH BRANCH AND ASSOCIATED CEILING GRILLE.
- 9 DEMOLISH CEILING DIFFUSER/GRILLE.
- 10 DISCONNECT 80 EA FROM DRYER AND FULLY DEMOLISH UP TO ROOF TERMINATION POINT. PREPARE ROOF OPENING FOR INSTALLATION OF NEW, SMALLER RESIDENTIAL DRYER EXHAUST DUCT.
- 11 DEMOLISH VERTICAL OVERHEAD ELECTRIC UNIT HEATER IN PREPARATION FOR REPLACEMENT WITH HW UNIT HEATER.
- 12 REMOVE GRAVITY INTAKE HOOD FROM ROOF CURB AND DEMOLISH. PREPARE CURB FOR INSTALLATION OF NEW FAN.
- 13 DISCONNECT EF FROM DUCTWORK AT ROOF CURB AND DEMOLISH. PREPARE CURB FOR INSTALLATION OF NEW FAN.
- 14 REMOVE EXTERIOR DUCT INSULATION AND JACKETING FROM SA AND RA DUCTWORK AND PLENUMS BETWEEN AC UNIT CONNECTIONS AND BUILDING EXTERIOR WALL. PREPARE SHEET METAL DUCTWORK FOR REPLACEMENT WITH NEW AS INDICATED ON NEW WORK DRAWINGS.

1-HR RATED FIRE BARRIER

-
- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

[illegible]

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530



2401

REVISIONS

| | |
|--|--|
| | |
| | |

| |
|--|
| |
| |
| |

| | |
|--|--|
| | |
| | |

| | |
|--|--|
| | |
| | |

| |
|--|
| |
| |
| |

| | |
|--|--|
| | |
| | |

10/10/2016

These drawings are the property of Davis Kane Architects, P.A. They may not be reused for any

Copyright © 2018 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON

PM: BK
Drawn By: SMF

Plot Date: 2/7/2025 2:59:46 PM

DATE ISSUED

11/11/2019

BID DOCUMENTS

01/10/2025

QUEST TITLE

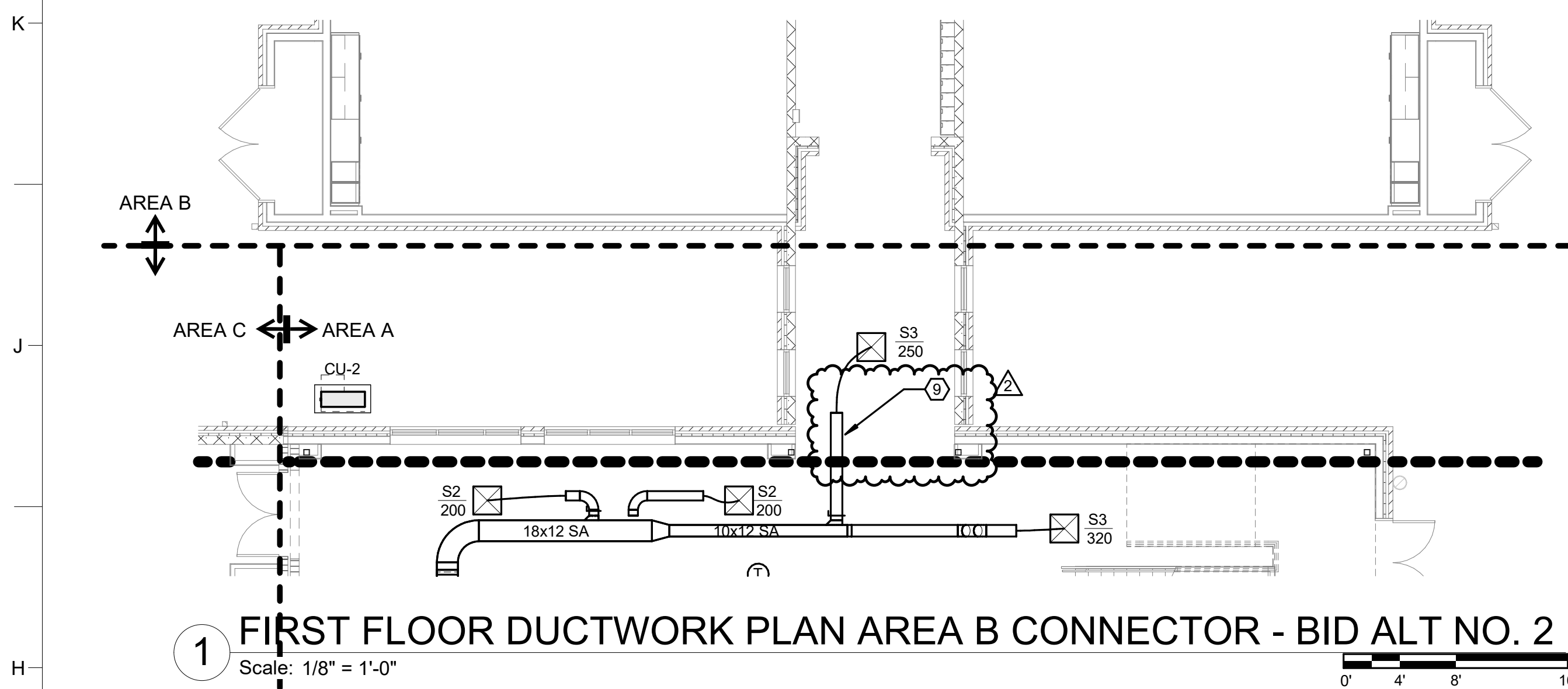
| |
|-------------|
| SHEET TITLE |
| FIRST FLOOR |

FIRST FLOOR MECHANICAL DEMOLITION PLAN

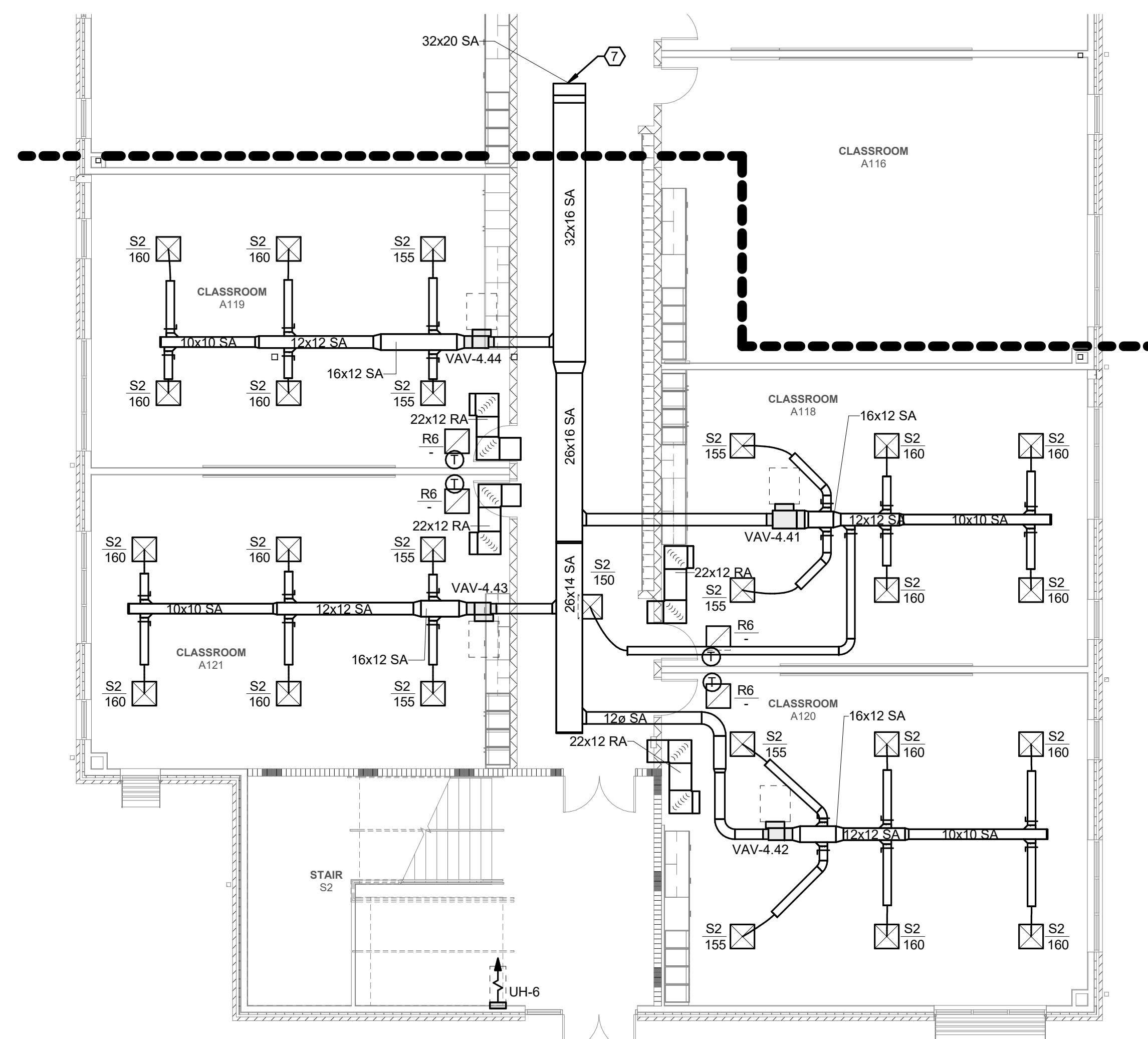
DEMOLITION PLAN
AREA E

MD1 05

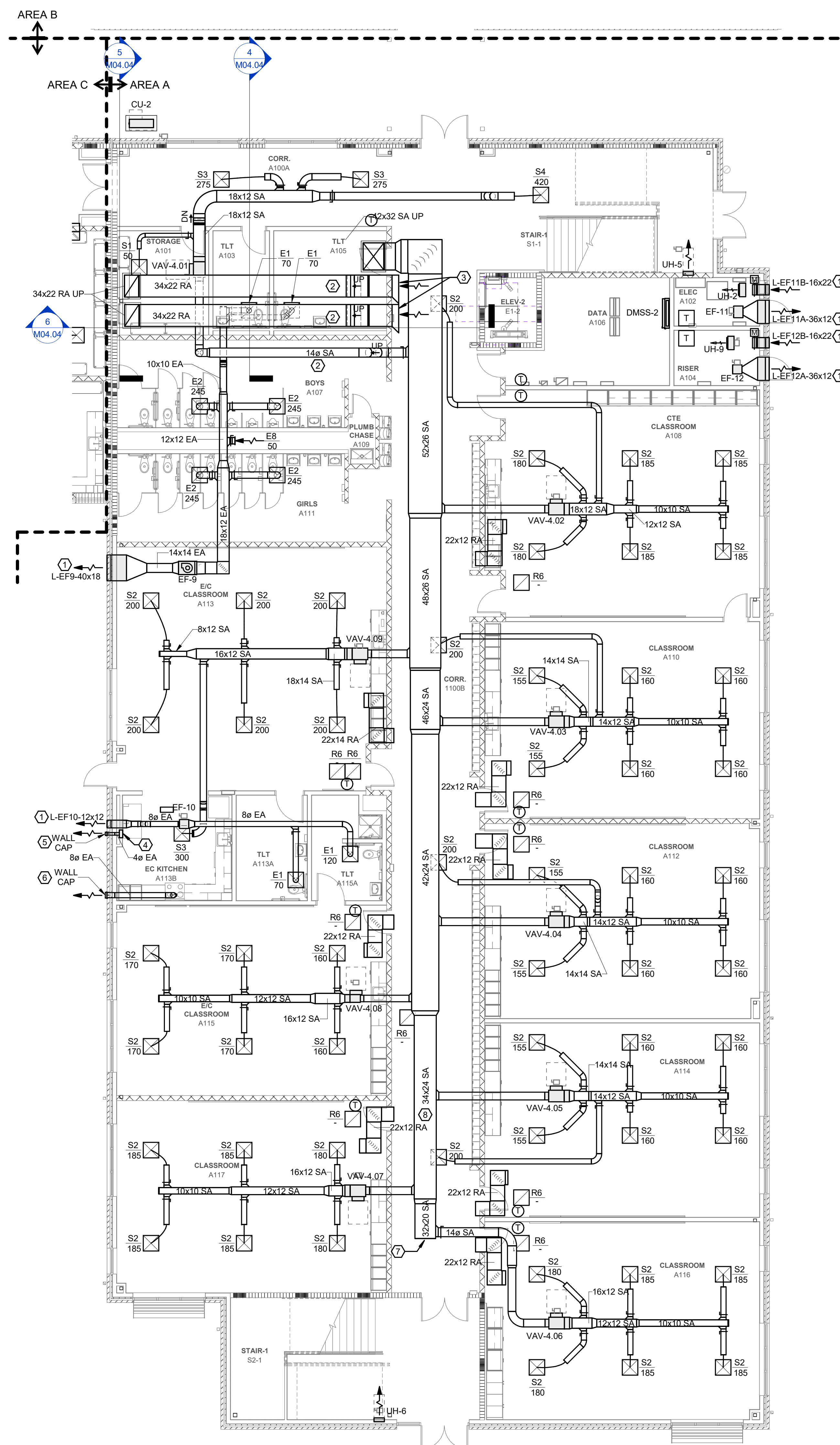
IVD 1.03



1 FIRST FLOOR DUCTWORK PLAN AREA B CONNECTOR - BID ALT NO. 2
Scale: 1/8" = 1'-0"



2 FIRST FLOOR DUCTWORK PLAN AREA A - BID ALT NO. 1
Scale: 1/8" = 1'-0"



3 FIRST FLOOR DUCTWORK PLAN AREA A
Scale: 1/8" = 1'-0"

GENERAL NOTES:

- SEE SHEET M01.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO MECHANICAL PIPING PLANS FOR THERMOSTAT ASSIGNMENTS.
- TAB CONTRACTOR SHALL BALANCE DEVICES TO AIRFLOWS INDICATED.

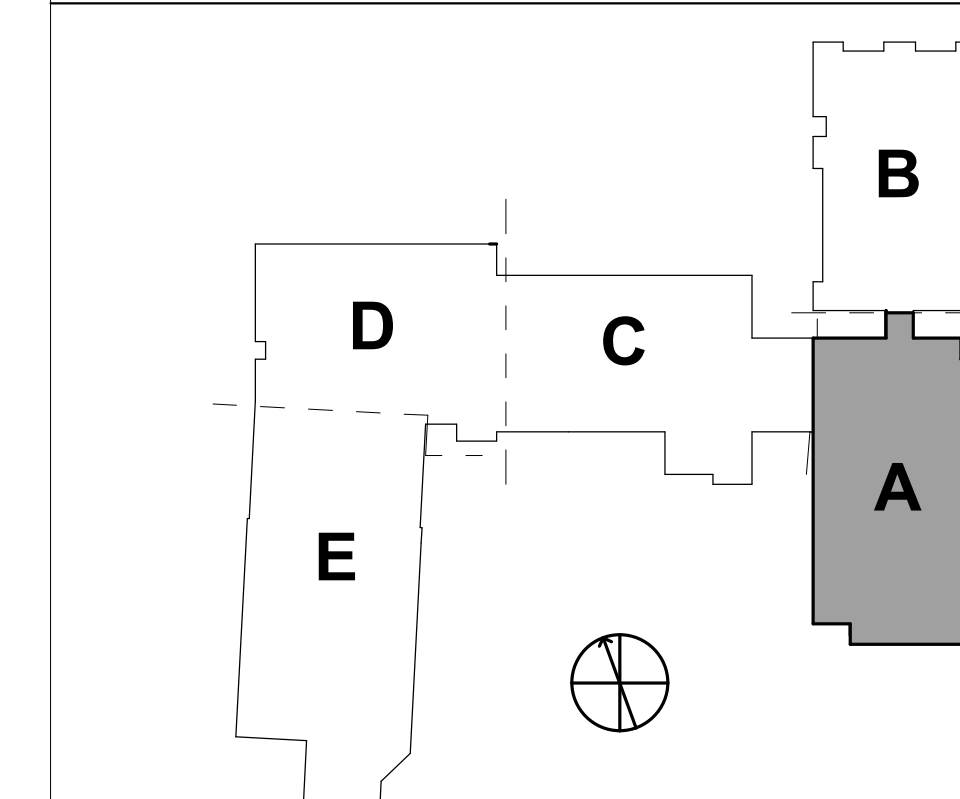
KEYNOTES:

- LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.
- ROUTE DUCT HIGH IN JOIST BAY.
- 34X22 RA DUCT FLARED OUT TO 44X34 FOR PLENUM RETURN INLET.
- PROVIDE DRYER VENT CONNECTION WALL BOX BEHIND DRYER. MAKE FINAL CONNECTION BETWEEN WALL BOX AND OWNER'S DRYER WITH 40" ALUMINUM FLEX DUCT.
- PROVIDE 40" WALL CAP WITH FLAPPER-TYPE BACKDRAFT DAMPER, APPROVED FOR CLOTHES DRYER EXHAUST SERVICE. PAINT TO MATCH BUILDING EXTERIOR.
- PROVIDE 80" EA WALL CAP WITH FLAPPER-TYPE BACKDRAFT DAMPER. PAINT TO MATCH BUILDING EXTERIOR. PROVIDE TRANSITION TO EQUIPMENT SIZE AT HOOD.
- POINT OF DEMARK BETWEEN BASE BID AND BID ALT.1 CAP END OF DUCT IF BID ALT.1 NOT CONSTRUCTED
- AIR HANDLING UNIT SA DUCT STATIC PRESSURE SENSOR.
- PROVIDE ENLARGED OPENING AT DUCT PENETRATION THROUGH 2-INCH BUILDING EXPANSION JOINT WITH ESCUTCHEON PLATE ON EITHER SIDE OF WALL. DO NOT SUPPORT HARD DUCT FROM STRUCTURE ON NORTH SIDE OF WALL.

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:



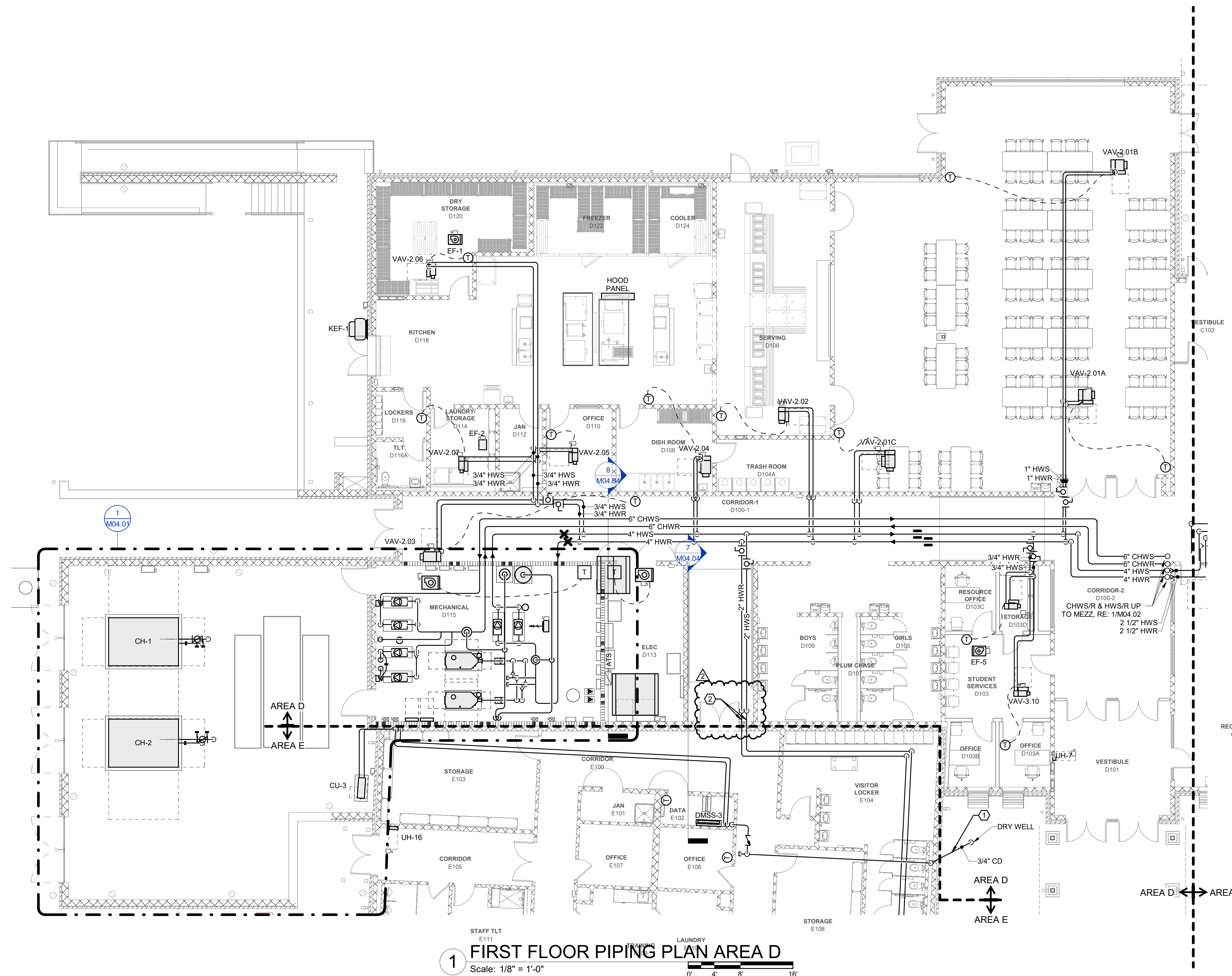
- | | | |
|---|-------------|------------|
| 1 | Addendum #1 | 02/03/2025 |
| 2 | Addendum #2 | 02/11/2025 |

GENERAL NOTES:

- SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO EQUIPMENT SCHEDULES FOR PIPING BRANCH SIZES FROM MAINS TO HEATING AND COOLING COILS.

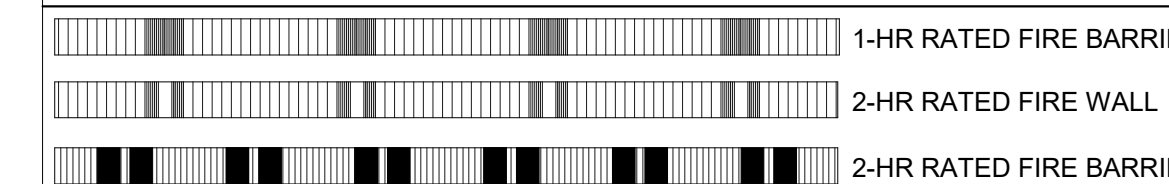
KEYNOTES:

- 3/4" CD BELOW GROUND FROM RISER IN CHASE TO DRY WELL. REFER TO DRY WELL DETAIL FOR REQUIREMENTS.
- PROVIDE FLEXIBLE PIPE CONNECTOR (METRAFLEX MLP OR EQUAL) ON BOTH SIDES OF WALL FOR EACH PIPE PENETRATION AT BUILDING EXPANSION JOINT.

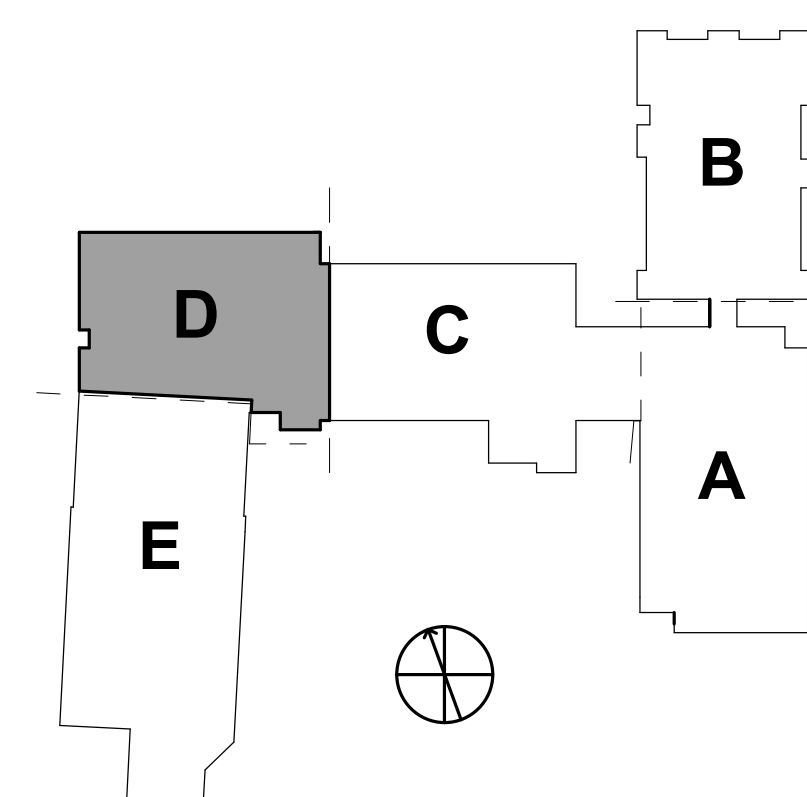


1 FIRST FLOOR PIPING PLAN AREA D
Scale: 1/8" = 1'-0"

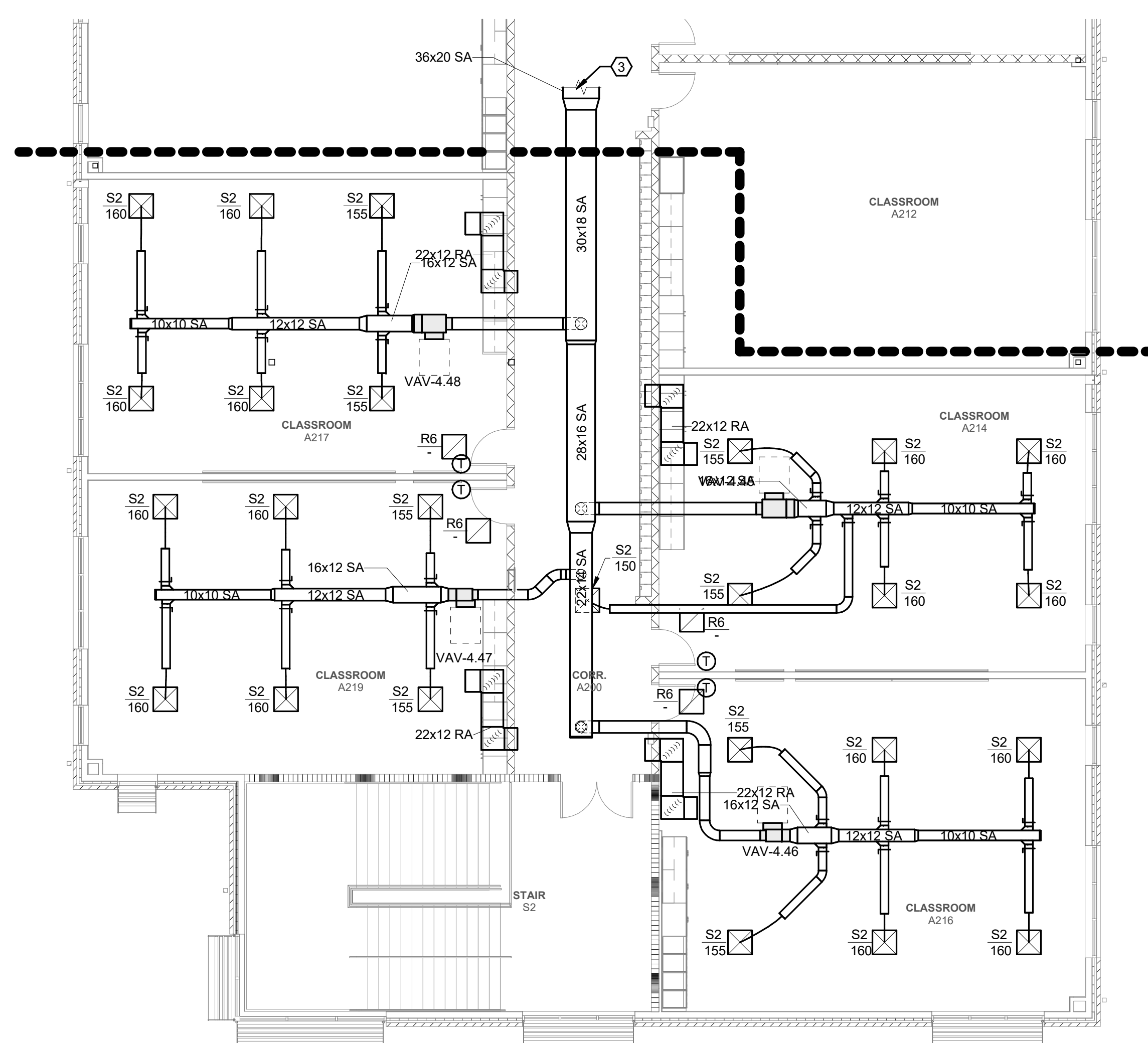
WALL RATING LEGEND:



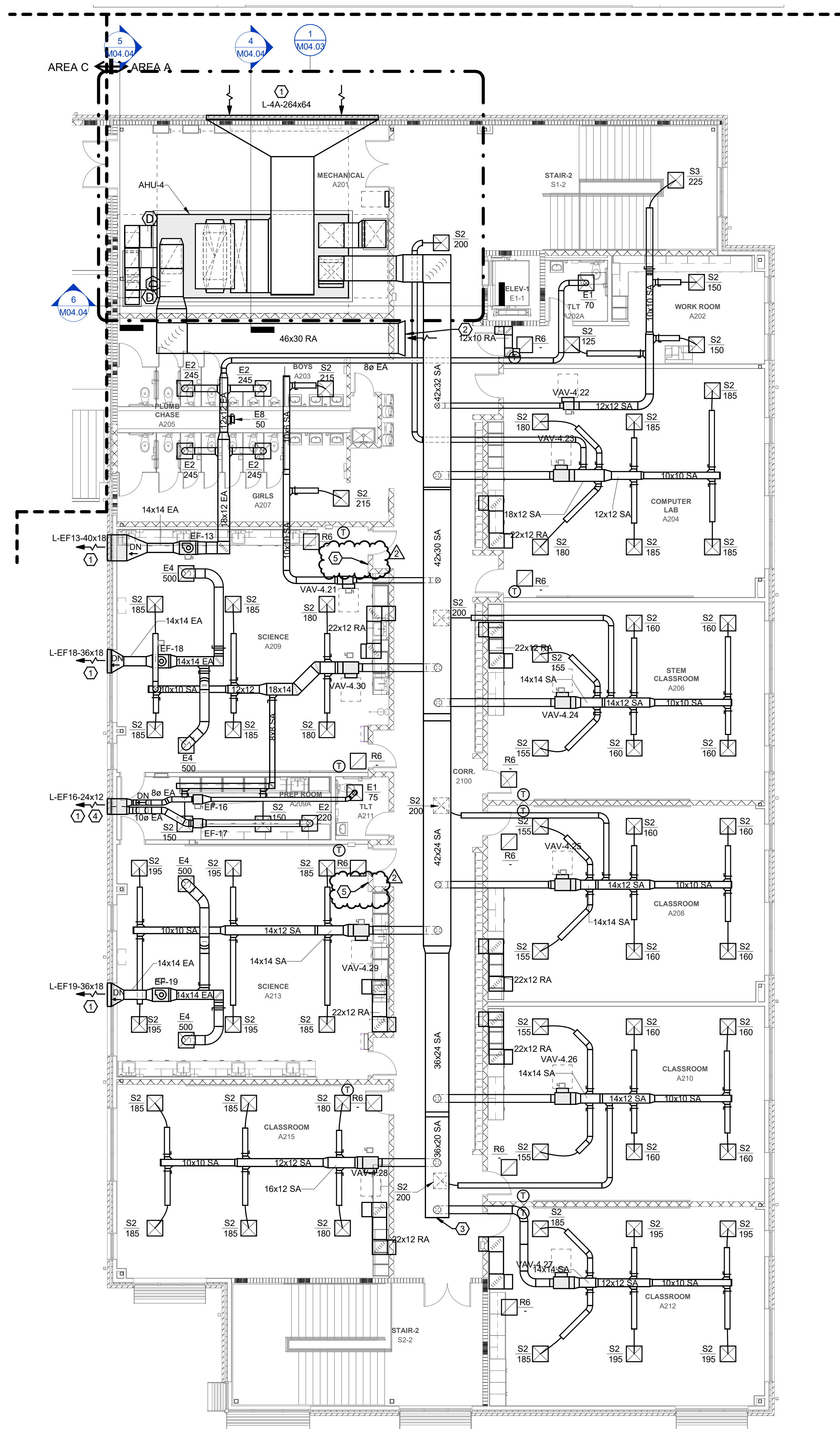
KEYPLAN:



M01.1



1 SECOND FLOOR DUCTWORK PLAN AREA A - BID ALT NO. 1
Scale: 1/8" = 1'-0"



2 SECOND FLOOR DUCTWORK PLAN AREA A
Scale: 1/8" = 1'-0"

GENERAL NOTES:

- | | |
|----|------------------------------------------------------------------|
| 1. | SEE SHEET M0.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES. |
| 2. | REFER TO MECHANICAL PIPING PLANS FOR THERMOSTAT ASSIGNMENTS. |
| 3. | TAB CONTRACTOR SHALL BALANCE DEVICES TO AIRFLOWS INDICATED. |

KEYNOTES:

- 1 LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.
- 2 46X30 RA DUCT FLARED OUT TO 54X42 FOR PLENUM RETURN INLET.
- 3 POINT OF DEMARK BETWEEN BASE BID AND BID ALT. 1 CAP END OF DUCT IF BID ALT. 1 NOT CONSTRUCTED
- 4 PROVIDE 50/50 SPLITTER IN LOUVER PLENUM.
- 5 PROVIDE TWIST TIMER WALL SWITCH AT LOCATION INDICATED FOR SCIENCE ROOM EXHAUST FAN CONTROL. REFER TO CONTROLS DRAWINGS.

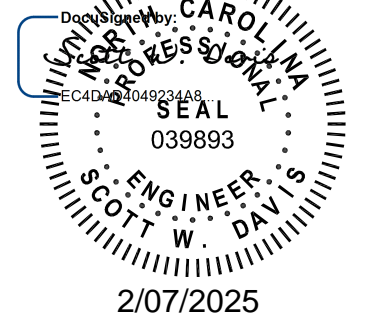
PROJECT INFORMATION

Dewberry Engineers Inc.
2010 Wyndell Road
Suite 410
Raleigh, NC 27607-3073
919.881.9939
NC License No. F-0929

PROJECT INFORMATION

AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

SEALS



DKA JOB NUMBER

2401

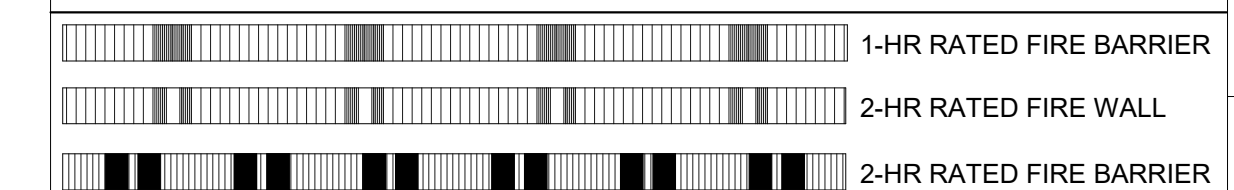
DEWBERRY NUMBER

50171439

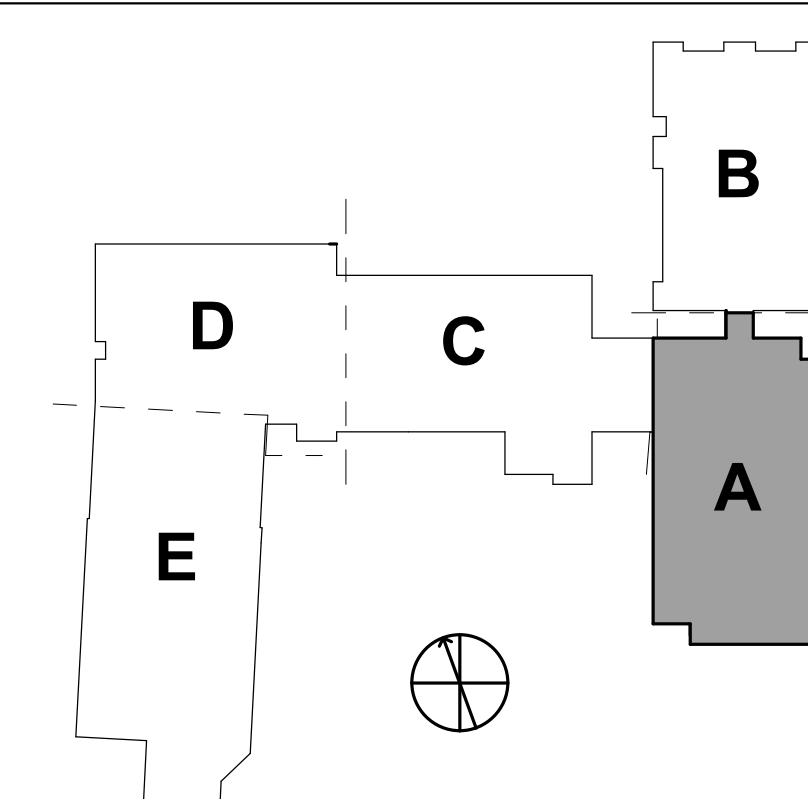
REVISIONS

- | | | |
|---|-------------|------------|
| 1 | Addendum #1 | 02/03/2025 |
| 2 | Addendum #2 | 02/11/2025 |

WALL RATING LEGEND:



KEYPLAN:



These drawings are the property of Davis Kane Architects, P.A. They may not be reused for any purpose without written permission.
Copyright © 2018 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: SMF
Plot Date: 2/7/2025 2:59:13 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

SECOND FLOOR
DUCTWORK PLAN
AREA A

M02.01

GENERAL NOTES:

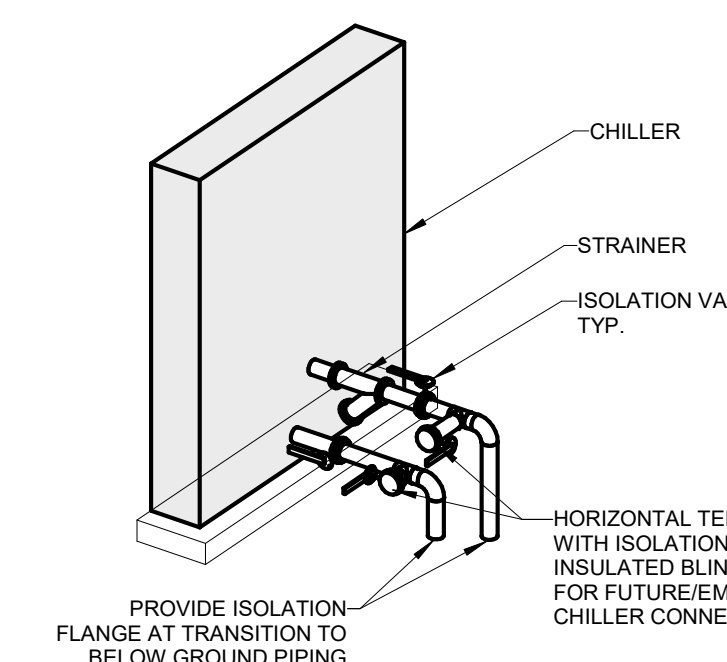
- SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO EQUIPMENT SCHEDULES FOR PIPING BRANCH SIZES FROM MAINS TO HEATING AND COOLING COILS.

KEYNOTES:

- 80 EXHAUST FLUE AND 80 COMBUSTION AIR INTAKE UP TO ROOF.
- LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.
- MAINTAIN MINIMUM 36-INCHES OF COVER. REFER TO BELOW GRADE PIPING DETAIL. COORDINATE ELEVATION DEPTHS WITH CIVIL ENGINEER AND SITE UTILITIES CONTRACTOR.
- INTAKE GRAVITY HOOD ON PITCHED ROOF ABOVE. ROUTE 30X30 ON DN FROM HOOD AND TERMINATE @ 14'-6" AFF WITH GALVANIZED WIRE MESH SCREEN. INSTALL MOTORIZED ISOLATION DAMPER IN VERTICAL DUCT AND INTERLOCK TO OPEN WHEN EF-4 OPERATES.
- GRAVITY EXHAUST AIR HOOD ON PITCHED ROOF ABOVE. ROUTE 24X20 EA UP TO HOOD FROM EF-4 DISCHARGE. INSTALL BACKDRAFT DAMPER IN DUCT AT FAN DISCHARGE.
- PROVIDE MIN 3 FT LONG 24X24 EA DUCT AT FAN INLET. TERMINATE OPEN END WITH GALVANIZED WIRE MESH SCREEN.
- MOUNT FAN AS HIGH AS POSSIBLE BELOW BOTTOM CHORD OF ROOF TRUSSES. BOTTOM OF FAN AND ASSOCIATED DUCTWORK SHALL BE LOCATED MIN. 12'-2" AFF.
- OFFSET EA DUCT UP ABOVE BOTTOM CHORD OF ROOF TRUSSES AND EXTEND TO TERMINATION POINT SHOWN. TERMINATE OPEN END WITH GALVANIZED WIRE MESH SCREEN.
- 1-1/2" MAKEUP WATER DN TO BACKFLOW DEVICE. REFER TO PLUMBING DRAWINGS & MECHANICAL DETAILS FOR ADDITIONAL INFORMATION. PROVIDE SEPARATE PRV STATION FOR EACH CHW AND HW SYSTEM.
- BOILER EMERGENCY POWER-OFF PUSH-BUTTON 48" AFF ADJACENT TO EXIT DOOR.
- REFER TO PLUMBING DRAWINGS FOR GAS PIPING.
- PROVIDE MOTORIZED ISOLATION DAMPER AT INTAKE LOUVER AND INTERLOCK TO OPEN WHEN EF-3 OPERATES.
- REFER TO ISOMETRIC VIEW 4 ON THIS SHEET AND AIR-COOLED CHILLER DETAIL FOR CHILLER PIPING CONNECTION REQUIREMENTS. PIPING SHOWN STAGGERED FOR CLARIFICATION. ACTUAL PIPING IS VERTICALLY ALIGNED.
- PROVIDE FULL SIZE 4" CHWR BYPASS WITH ISOLATION VALVES AS INDICATED TO MANUALLY ASSIGN EITHER PUMP TO EITHER CHILLER. REFER TO ISOMETRIC VIEWS ON THIS SHEET FOR VALVE LOCATIONS.
- PROVIDE ISOLATION VALVE AT FLANGE TO UNDERGROUND PIPING.

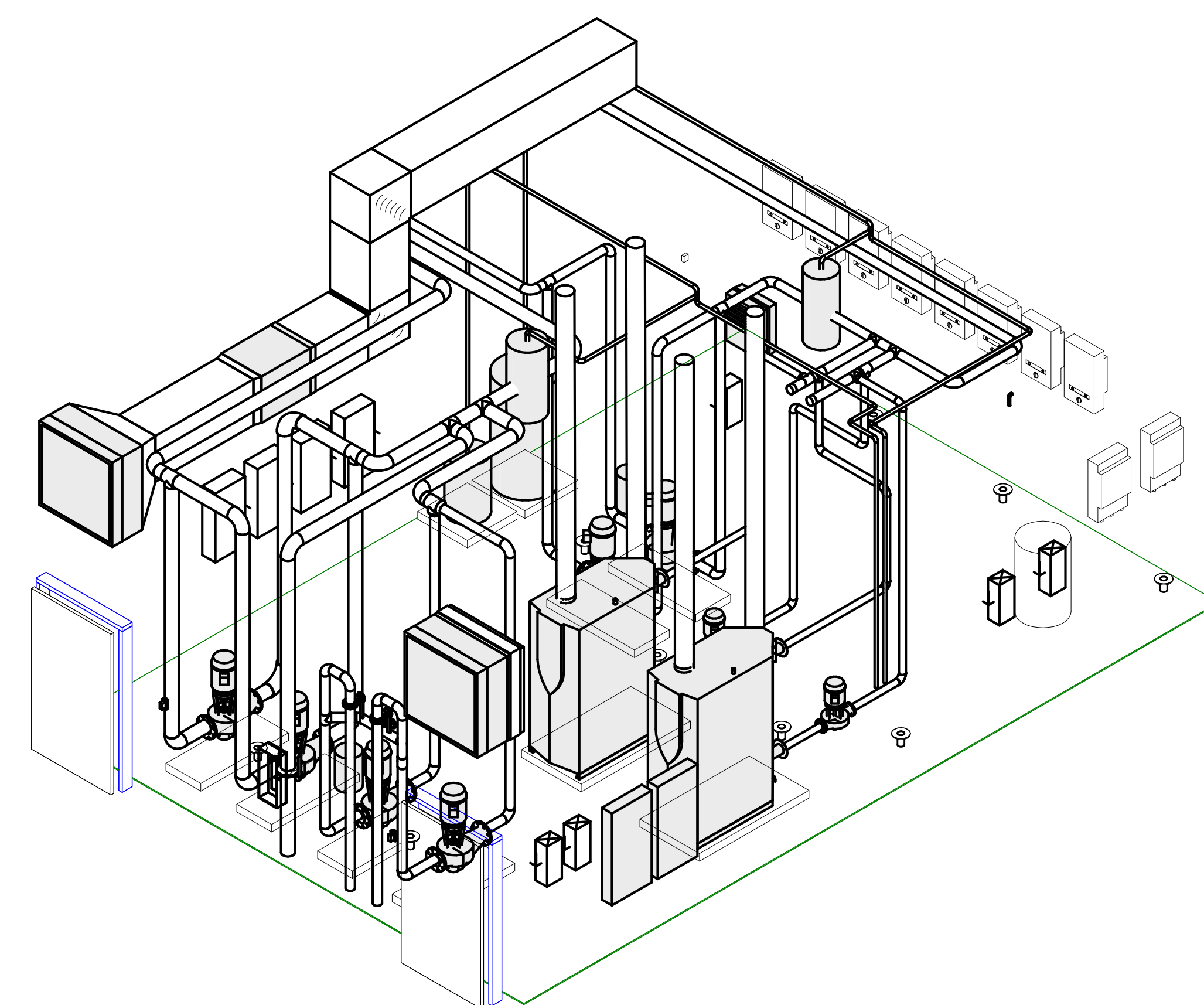
4 TYPICAL CHILLER PIPING CONNECTION

Scale: N.T.S.



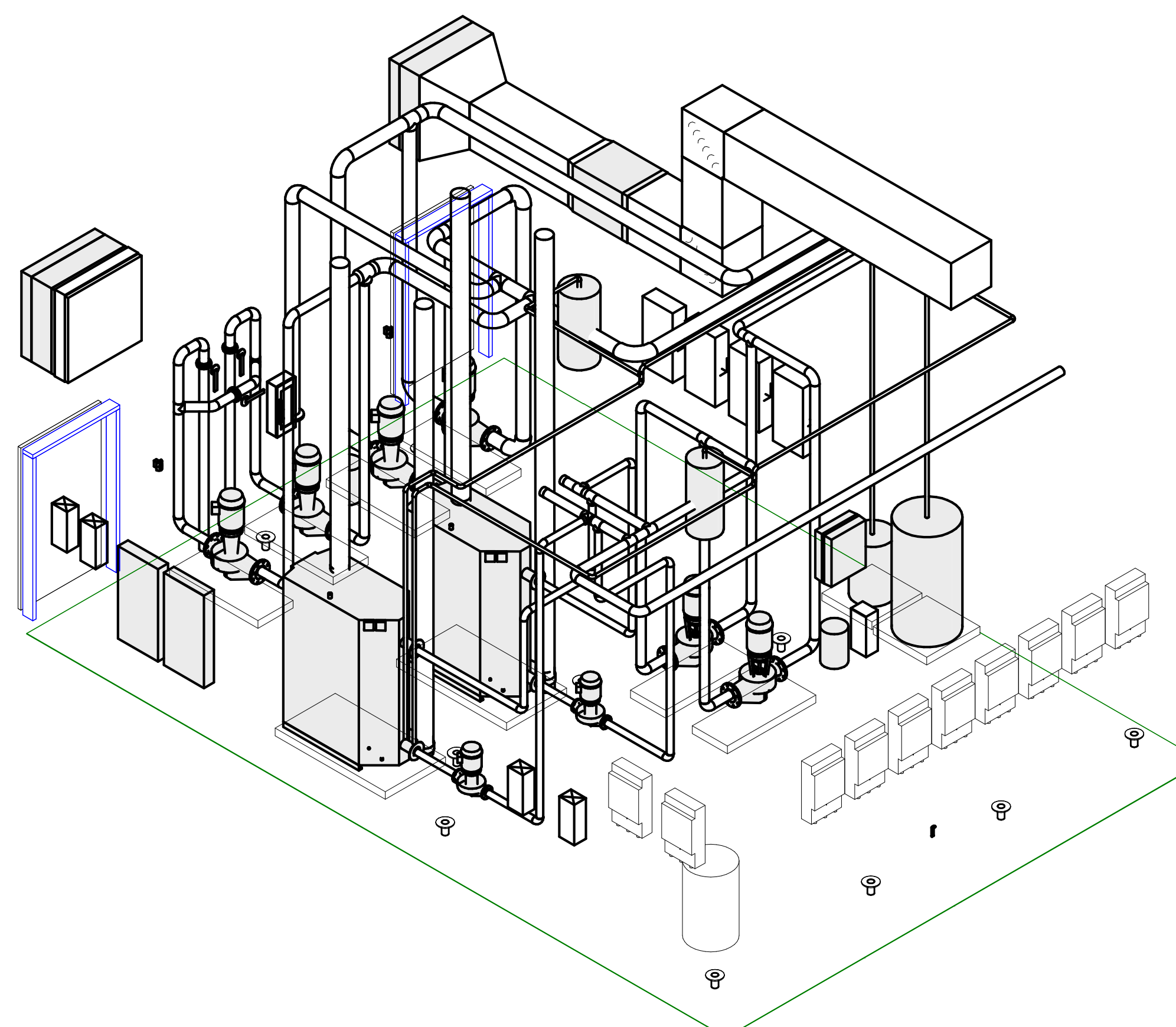
1 MECHANICAL EQUIPMENT YARD

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



2 BOILER ROOM ISOMETRIC - VIEW FROM SW

Scale: N.T.S.



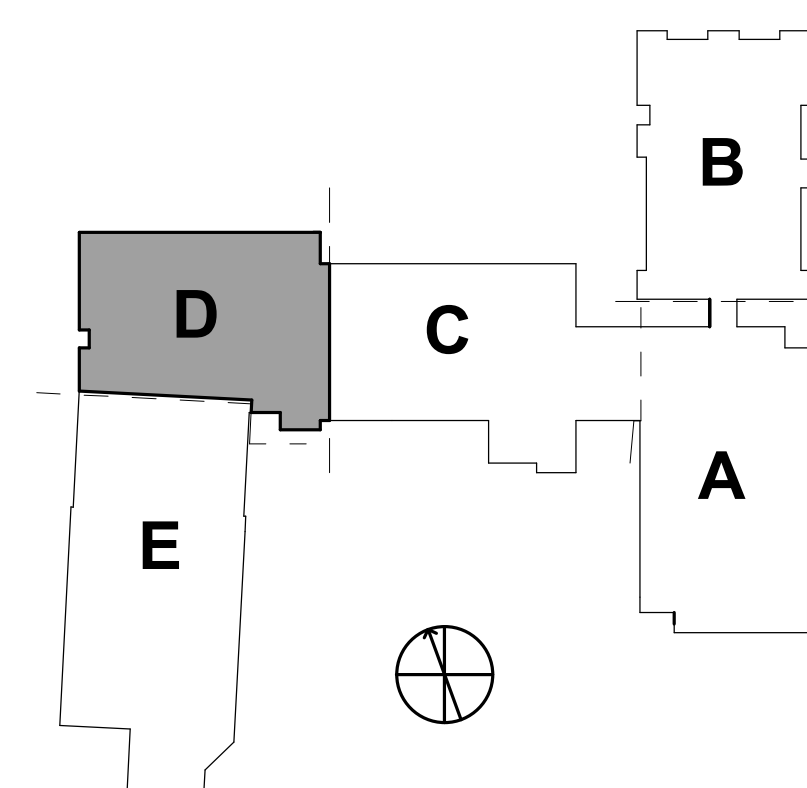
3 BOILER ROOM ISOMETRIC - VIEW FROM SE

Scale: N.T.S.

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
2-HR RATED FIRE WALL
2-HR RATED FIRE BARRIER

KEYPLAN:



GENERAL NOTES:

- SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO EQUIPMENT SCHEDULES FOR PIPING BRANCH SIZES FROM MAINS TO HEATING AND COOLING COILS.

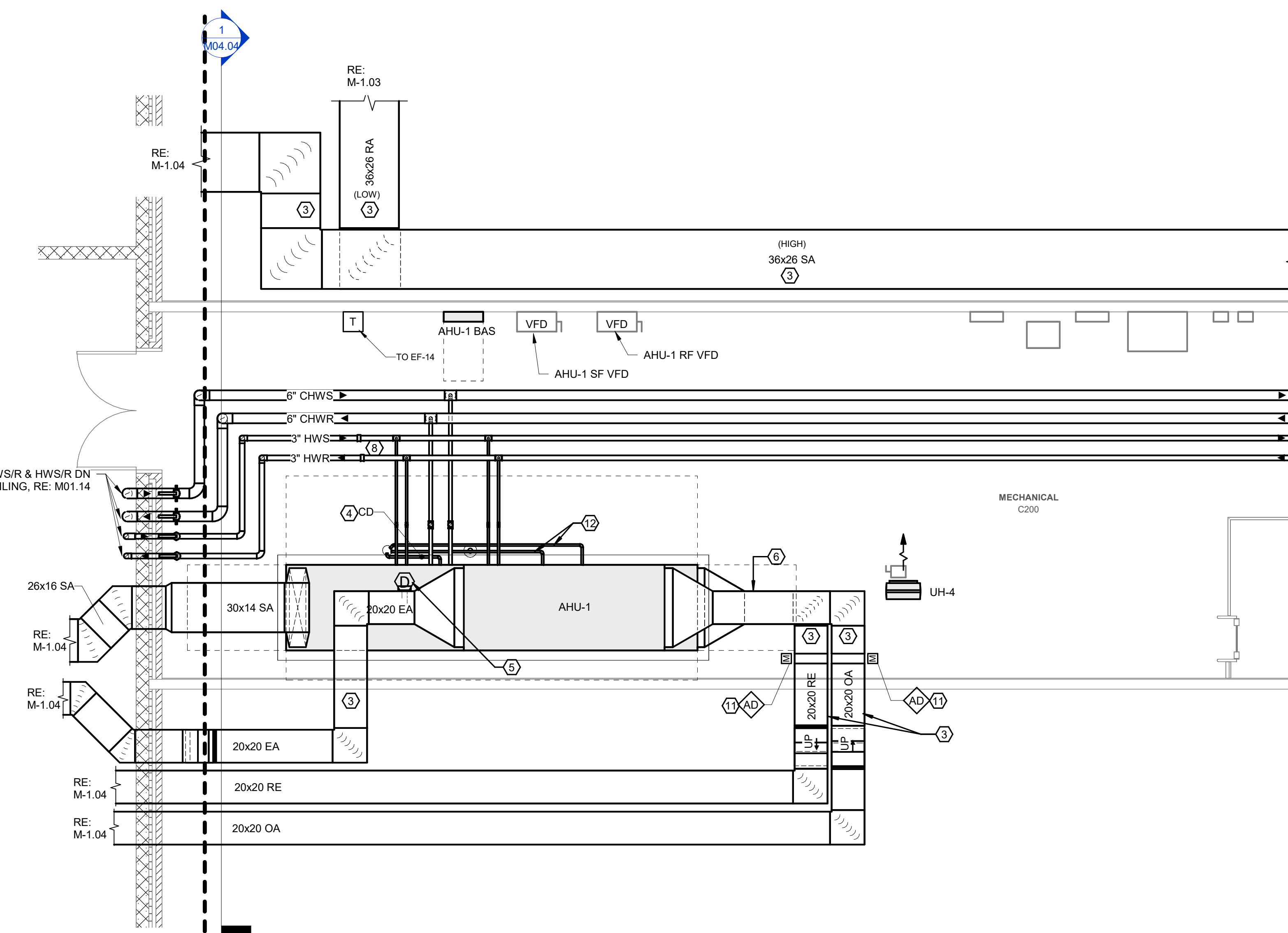
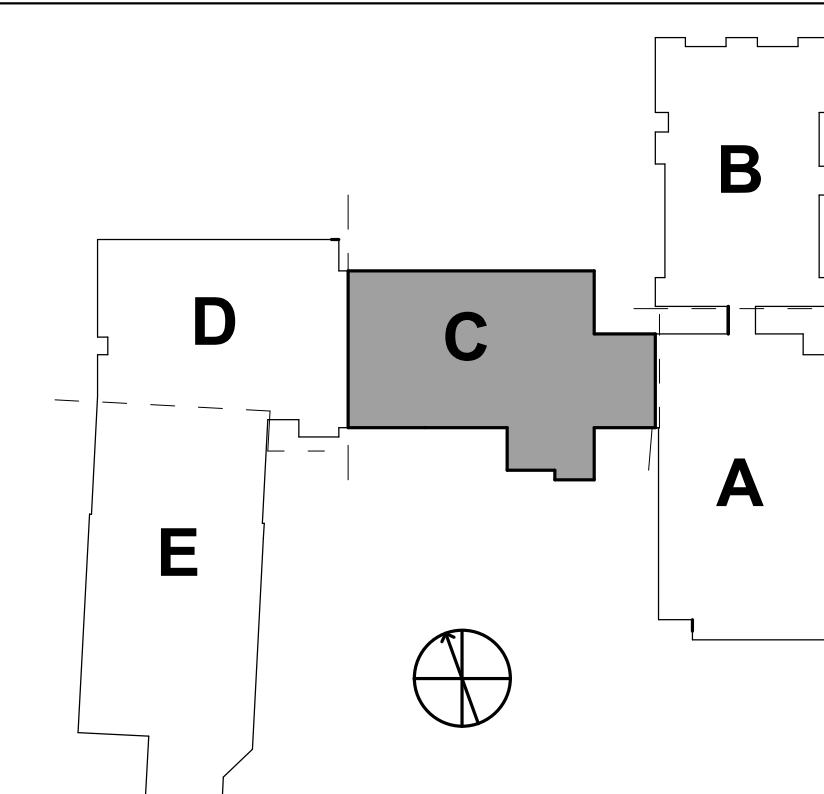
KEYNOTES:

- LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.
- LOCATED IN 36X26 RA BELOW
- COORDINATE EXACT DUCT ROUTING WITH ROOF TRUSSES. REFER TO STRUCTURAL DWGS AND TRUSS SHOP DRAWINGS.
- ROUTE AHU CONDENSATE DRAIN TO CONDENSATE HUB DRAIN RECEPTOR. DRAIN LINE OD SHALL BE FULL SIZE OF THE UNIT CONNECTION. REFER TO PLUMBING FOR RECEPTOR LOCATION. REFER TO CONDENSATE TRAP DETAIL.
- INSTALL DUCT MOUNTED RA SMOKE DETECTOR. COORDINATE WITH ELECTRICAL AND FIRE ALARM CONTRACTOR. REFER TO DUCT DETECTOR DETAIL.
- PROVIDE AIR FLOW MEASURING STATION IN THIS LOCATION.
- CHW LOOP DIFFERENTIAL PRESSURE SENSOR. REFER TO CONTROLS DRAWINGS AND DIFFERENTIAL PRESSURE TRANSMITTER DETAIL.
- PROVIDE HOT WATER PIPING ANCHORS IN THIS LOCATION.
- PROVIDE HOT WATER PIPING GUIDES IN THIS LOCATION.
- PROVIDE METRAFLEX METRALOOP OR EQUAL. INSTALL PER MANUFACTURER'S REQUIREMENTS. PROVIDE GUIDES AND ANCHORS PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE MOTORIZED ISOLATION DAMPER IN DUCT IF NOT PROVIDED WITH AIR HANDLING UNIT. REFER TO AHU PREPURCHASE SUBMITTAL AND CONTROLS DRAWINGS.
- PROVIDE CONDENSATE DRAINS WITH TRAPS FROM HEAT RECOVERY SECTION DRAIN CONNECTIONS. SIZE FULL SIZE OF UNIT CONNECTION.
- PROVIDE PREHEAT COIL HW PUMP. REFER TO DETAILS.
- PROVIDE FLEXIBLE PIPE CONNECTOR (METRAFLEX MLP OR EQUAL) ON BOTH SIDES OF WALL FOR EACH PIPE PENETRATION AT BUILDING EXPANSION JOINT.

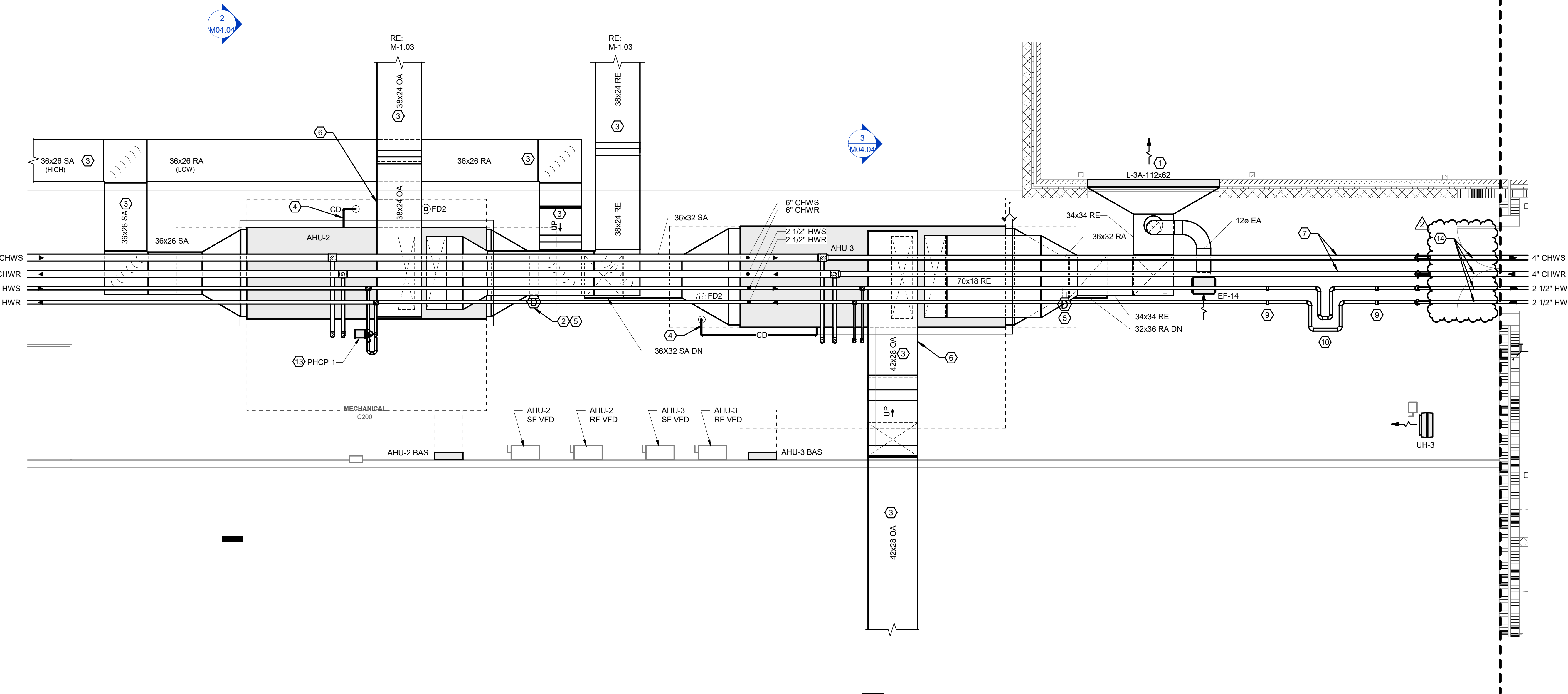
WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
2-HR RATED FIRE WALL
2-HR RATED FIRE BARRIER

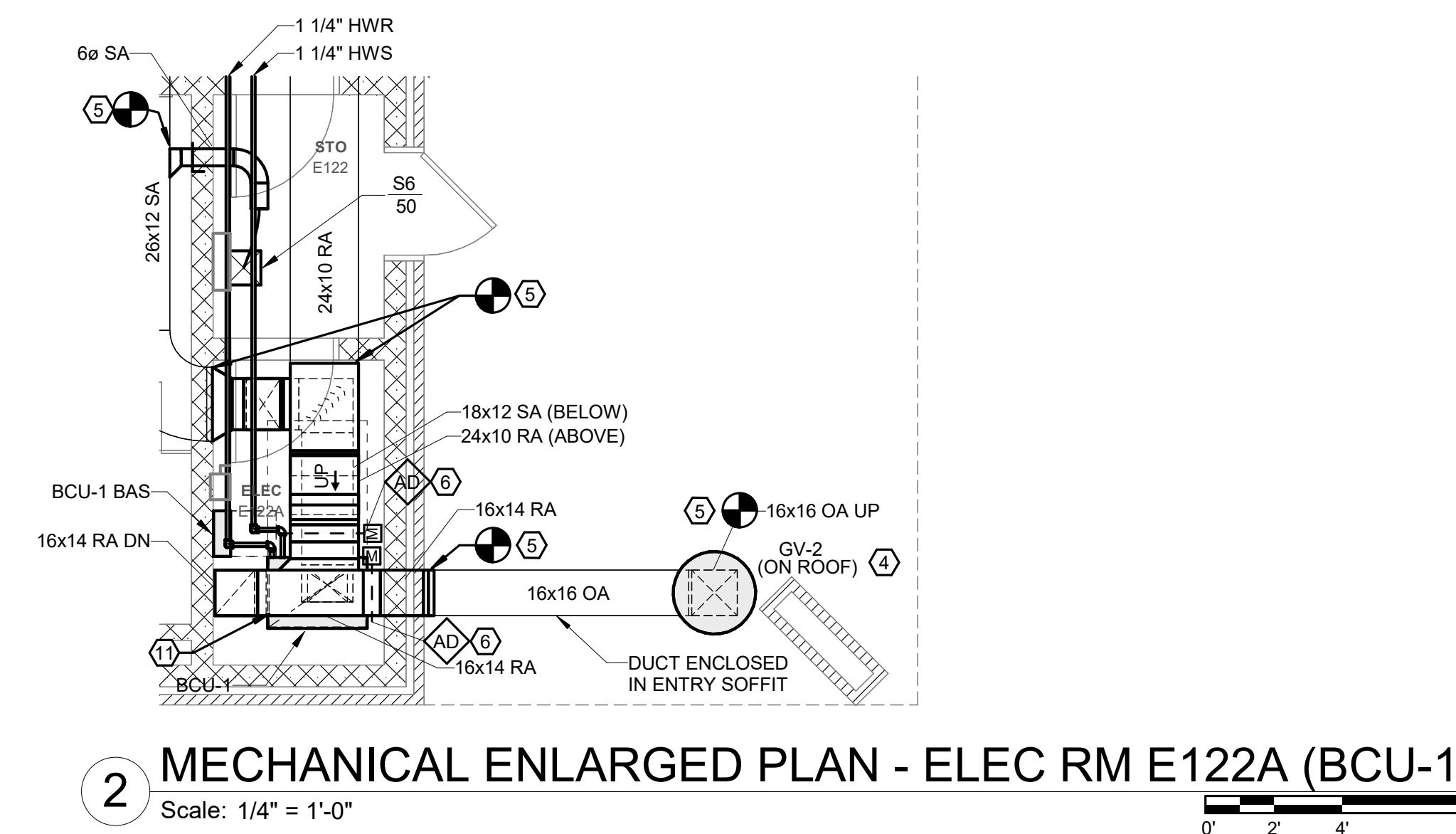
KEYPLAN:



1 MECHANICAL ENLARGED PLAN - MECHANICAL MEZZANINE - WEST
Scale: 1/4" = 1'-0"



2 MECHANICAL ENLARGED PLAN - MECHANICAL MEZZANINE - EAST
Scale: 1/4" = 1'-0"



2 MECHANICAL ENLARGED PLAN - ELEC RM E122A (BCU-1)
Scale: 1/4" = 1'-0"

1. SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
2. REFER TO EQUIPMENT SCHEDULES FOR PIPING BRANCH SIZES FROM MAINS TO HEATING AND COOLING COILS.

- 1 LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.
- 2 CHW LOOP BYPASS VALVE. REFER TO CONTROLS DRAWINGS AND BYPASS VALVE DETAIL.
- 3 FIRE DAMPER NOT REQUIRED AT LOUVER IN EXTERIOR WALL IN ACCORDANCE WITH 2018 NBCB TABLE 705.8.
- 4 INSTALL GRAVITY INTAKE CURB ON EXISTING ROOF CURB AND CONNECT TO EXISTING 16X160A IN HUB. PROVIDE CURB ADAPTER AS NEEDED.
- 5 CONNECT TO EXISTING DUCT. PATCH DUCT INSULATION AND JACKET AT POINT OF CONNECTION.
- 6 PROVIDE MOTORIZED DAMPER. REFER TO CONTROLS DRAWINGS.
- 7 ROUTE AHU CONDENSATE DRAIN TO CONDENSATE HUB DRAIN RECEPTOR. DRAIN LINE OD SHALL BE FULL SIZE OF THE UNIT CONNECTION. REFER TO PLUMBING FOR RECEPTOR LOCATION. REFER TO CONDENSATE TRAP DETAIL.
- 8 INSTALL DUCT MOUNTED RA SMOKE DETECTOR. COORDINATE WITH ELECTRICAL AND FIRE ALARM CONTRACTOR. REFER TO DUCT DETECTOR DETAIL.
- 9 PROVIDE AIR FLOW MEASURING STATION IN THIS LOCATION.
- 10 REFER TO SCHEDULE FOR GRAVITY VENTILATOR INFORMATION.
- 11 INSTALL BLOWER COIL ON RAISED WELDED ANGLE-STEEL SUPPORT FRAME TO COORDINATE BOTTOM RETURN DUCT CONNECTION. PROVIDE FLEXIBLE DUCT CONNECTIONS ON RA AND SA CONNECTIONS. REFER TO ISOMETRIC VIEW 7/M-4.05 FOR GENERAL ARRANGEMENT.
- 12 PROVIDE HOT WATER PIPING ANCHORS IN THIS LOCATION.
- 13 SUPPLY AND INSTALL FAN ISOLATION DAMPERS ON EACH AHU SUPPLY AND RETURN FAN INLET. PROVIDE AWAREWARE MODEL ABD GRAVITY CONTROLLED BACKDRIFT DAMPER WITH REQUIRED ACCESSORIES AND INSTALL IN RETURN PURCHASED AIR HANDLING UNIT UNDER THIS PROJECT (BASE BID). COORDINATE EXACT DAMPER REQUIREMENTS WITH UNIT SUPPLIER/MANUFACTURER AND SUBMIT FOR ENGINEERS REVIEW.
- 14 PROVIDE FLEXIBLE PIPE CONNECTOR (METRAFLEX MLP OR EQUAL) ON BOTH SIDES OF WALL FOR EACH PIPE PENETRATION AT BUILDING EXPANSION JOINT.



**ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

| REVISIONS | | |
|-----------|-------------|------------|
| 1 | Addendum #1 | 02/03/2025 |

| | | |
|---|-------------|------------|
| 1 | Addendum #1 | 02/03/2025 |
| 2 | Addendum #2 | 02/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be reused for any purpose without written permission.
Copyright © 2018 by Davis Kane Architects, P.A.
All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: SMF
Plot Date: 2/7/2025 2:59:35 PM

BID DOCUMENTS
01/10/2025

M04.03

GENERAL NOTES - ELECTRICAL

- DEMOLITION:
- DEMOLITION WORK SHOWN BOLD AND DASHED. EXISTING TO REMAIN WORK SHOWN LIGHT AND CONTINUOUS.
 - NOT ALL ELECTRICAL DEVICES AND EQUIPMENT ARE SHOWN. LOCATIONS AND ASSOCIATED CIRCUITS OF EXISTING DEVICES AND EQUIPMENT SHOWN ARE BASED IN PART UPON PREVIOUS DRAWINGS, FIELD OBSERVATIONS AND INFORMATION FURNISHED BY OTHERS AND SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
 - ALL EXISTING DEVICES AND EQUIPMENT SHALL REMAIN IN PLACE AND OPERATIONAL. UON.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUITY OF ALL EXISTING CIRCUITS AND SYSTEMS TO REMAINING DEVICES AND EQUIPMENT WHICH MAY BE AFFECTED BY AREA OF WORK. MATCH AND EXTEND CONDUIT, CONDUCTORS, CABLES, ETC. AS NECESSARY TO MAINTAIN CIRCUIT INTEGRITY.
 - ALL EXISTING RACEWAY AND WIRING THAT ARE TO REMAIN IN THE AREA OF WORK SHALL BE RELOCATED AS REQUIRED TO PROVIDE OR MAINTAIN ACCESSIBILITY AND TO ACCOMMODATE THE PROPOSED CONSTRUCTION. CONTRACTOR SHALL FIELD VERIFY ALL RACEWAY AND WIRING TO REMAIN PRIOR TO COMMENCING WORK. ALL RELOCATION SHALL BE COORDINATED WITH THE OWNER OR OWNER'S REPRESENTATIVE. PROVIDE TEMPORARY CONNECTIONS TO EQUIPMENT AND DEVICES TO MAINTAIN EQUIPMENT AND SYSTEMS IN SERVICE. ALL DOWNTIME REQUIRED FOR INSTALLATION OF TEMPORARY CONNECTIONS SHALL BE COORDINATED WITH THE OWNER OR OWNER'S REPRESENTATIVE.
 - IN AREAS WHERE EXISTING CEILINGS ARE NOT SLATED TO BE REPLACED, CONTRACTOR SHALL WORK THROUGH EXISTING CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR AREA OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND REPLACING CEILING SYSTEM DAMAGED AS A RESULT OF THEIR WORK.
 - ALL ELECTRICAL DEVICES AND CIRCUITS SCHEDULED FOR DEMOLITION, INCLUDING ALL ASSOCIATED CONDUIT, WIRING, SUPPORTS AND OTHER HARDWARE, SHALL BE REMOVED BACK TO SOURCE. UON.
 - ALL REMOVED ELECTRICAL EQUIPMENT, DEVICES, CONDUIT, CONDUCTORS, BOXES, LUMINAIRES AND ASSOCIATED ITEMS SHALL BE PROPERLY DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS. UON.
 - CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL CONNECTIONS TO EQUIPMENT FROM OTHER TRADES BEING REMOVED WITHIN AREA OF WORK. COORDINATE WITH OTHER TRADE CONTRACTORS PRIOR TO DEMOLITION.
 - PRIOR TO REMOVAL OF CIRCUIT FROM A PANEL, CONTRACTOR SHALL VERIFY NO OTHER DEVICES EXIST ON THE CIRCUIT. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY, CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ENGINEER OF RECORD FOR CLARIFICATION PRIOR TO REMOVAL.
 - ONCE A CIRCUIT HAS BEEN REMOVED, THE REMAINING BREAKER SHALL BE LABELED SPARE, TURNED OFF, AND MADE READY FOR USE UNDER NEW WORK.

GENERAL NOTES - ELECTRICAL

- GENERAL:
- ELECTRICAL PLANS ARE GENERALLY DIAGRAMMATIC IN NATURE AND DO NOT CONVEY ALL DETAILS REQUIRED FOR A COMPLETE INSTALLATION. HOWEVER, THESE PLANS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO COMMENCING WORK. CONTRACTOR SHALL VERIFY STRUCTURAL AND FINISH CONDITIONS PRIOR TO COMMENCING WORK. CONTRACTOR SHALL ARRANGE WORK TO MEET THESE CONDITIONS AND PROVIDE SUCH EQUIPMENT AND ACCESSORIES AS MAY BE REQUIRED. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY FOUND WITHIN THE PLANS OR SPECIFICATIONS, CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ENGINEER OF RECORD FOR CLARIFICATION PRIOR TO COMMENCING WORK.
 - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, MANUFACTURERS' RECOMMENDED INSTALLATION PROCEDURES, THE AMERICANS WITH DISABILITIES ACT, ANSI A117.1, THE NATIONAL ELECTRICAL CODE, THE NATIONAL FIRE ALARM AND SIGNALING CODE AND ALL OTHER APPLICABLE LOCAL AND STATE CODES AS ADOPTED AND MODIFIED BY THE AUTHORITIES HAVING JURISDICTION.
 - CONTRACTOR SHALL COORDINATE WITH OWNER FOR ACCESS TO AREA OF WORK AND FOLLOW ALL OWNER ENVIRONMENTAL, HEALTH, SAFETY AND SECURITY PROTOCOLS.
 - ALL WORK SHALL BE PHASED IN ACCORDANCE WITH CONTRACT PLANS, SPECIFICATIONS AND OWNER'S REQUIREMENTS.
 - CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL FIRE AND/OR SMOKE RATED WALLS, BARRIERS, CEILINGS, FLOORS, PARTITIONS, AND ROOFS PRIOR TO AND DURING CONSTRUCTION.
 - CONTRACTOR SHALL PROVIDE NATIONALLY RECOGNIZED TESTING LABORATORY LISTED THROUGH PENETRATION DRAFT, FIRE AND SMOKE STOP SYSTEMS FOR ALL NEW FIRE AND/OR SMOKE-RATED WALL, BARRIER, CEILING, FLOOR AND ROOF PENETRATIONS WITHIN THE AREA OF WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, NATIONALLY RECOGNIZED TESTING LABORATORY LISTED REQUIREMENTS AND APPLICABLE BUILDING CODES. PROVIDE PENETRATION ASSEMBLIES SUITABLE FOR PARTICULAR CONSTRUCTION.
 - CONTRACTOR SHALL MAINTAIN INTEGRITY OF VAPOR BARRIER AND INSULATION FOR ALL ELECTRICAL WORK AND DEVICES ON EXTERIOR AND PERIMETER WALLS.
 - CONTRACTOR SHALL COORDINATE ELECTRICAL WORK WITH ALL OTHER TRADES PRIOR TO COMMENCING WORK TO ENSURE ELECTRICAL WORK DOES NOT INTERFERE WITH OTHER TRADES. LINES AND SYSTEMS THAT REQUIRE SLOPE SHALL TAKE PRECEDENCE OVER ELECTRICAL WORK.
 - CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT. CONTRACTOR SHALL REFER TO DRAWINGS OF OTHER TRADES FOR LOCATIONS OF THEIR EQUIPMENT. CONTRACTOR SHALL COORDINATE AND VERIFY ELECTRICAL REQUIREMENTS WITH OTHER TRADES PRIOR TO COMMENCING WORK.
 - PRIOR TO EQUIPMENT INSTALLATION, CONTRACTOR SHALL CONDUCT FIELD MEASUREMENTS TO ENSURE ALL ELECTRICAL EQUIPMENT AND ACCESSORIES WILL FIT INTO LOCATION(S) AS INDICATED ON PLANS. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY, CONTRACTOR SHALL PROVIDE A PROPOSED SKETCH OF REVISED ARRANGEMENT TO ENGINEER OF RECORD FOR ACCEPTANCE PRIOR TO COMMENCING WORK.
 - PROPERLY PLUMBING ALL WORK AND EQUIPMENT INSTALLED UNDER THIS CONTRACT PLUMB AND PARALLEL WITH BUILDING LINES. STUDY ALL GENERAL, STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL DRAWINGS, SHOP DRAWINGS AND CATALOGS DATA TO DETERMINE HOW EQUIPMENT, ACCESSORIES, PIPING, FIXTURES, AND RELATED ITEMS ARE TO BE SUPPORTED, MOUNTED, OR SUSPENDED. PROVIDE ALL BOLTS, INSERTS, PIPE STANDS, BRACKETS, STRUCTURAL SUPPORTS, AND ACCESSORIES FOR PROPER SUPPORT OF EQUIPMENT FURNISHED UNDER THIS CONTRACT.
 - CONTRACTOR SHALL PROVIDE ADDITIONAL SUPPORT FOR DEVICE BACK BOXES, EQUIPMENT, LUMINAIRES AND RACEWAY WHERE BUILDING CONSTRUCTION IS NOT SUITABLE FOR DIRECT MOUNTING.
 - CONTRACTOR SHALL VERIFY CEILING SYSTEMS AND PROVIDE MOUNTING ACCESSORIES, TRIMS AND ALL REQUIRED MOUNTING HARDWARE TO SUIT THE PARTICULAR INSTALLATION.
 - CONTRACTOR SHALL NOT BACKFILL EXCAVATIONS, INSTALL COVERPLATES AND ENCLOSURES OR GENERALLY SEAL OR OBSCURE ELECTRICAL INSTALLATIONS PRIOR TO INSPECTION AND ACCEPTANCE BY AUTHORITIES HAVING JURISDICTION.
 - CONTRACTOR SHALL REMOVE ALL DIRT AND DEBRIS FROM ALL ELECTRICAL ENCLOSURES AND DEVICE, JUNCTION AND PULL BOXES PRIOR TO INSTALLATION OF DEVICES, COVERPLATES AND LIDS.
 - CONTRACTOR SHALL LABEL ALL COVERPLATES, EQUIPMENT, JUNCTION BOXES, AND PULL BOXES WITH CIRCUIT AND PANEL DESIGNATIONS. REFER TO DETAILS AND SPECIFICATIONS FOR SPECIFIC LABEL AND IDENTIFICATION REQUIREMENTS.
 - CONTRACTOR SHALL PROVIDE NEW, TWO COLUMN, TYPED, COMPLETED AND REMOVABLE DIRECTORIES INDICATING CIRCUIT DESCRIPTIONS AND ROOM NUMBERS (AS INDICATED BY FINAL ROOM SIGNAGE), FOR ALL AFFECTED CIRCUITS WITHIN ELECTRICAL DISTRIBUTION EQUIPMENT. ALL SPACES SHALL BE INDICATED AS SUCH. ALL SPARES SHALL BE INDICATED AS SUCH AND PLACED IN THE "OFF" POSITION.
 - MINIMUM RACEWAY SIZE OF 3/4" AND 1" FOR UNDERGROUND CONDUIT. UON.
 - ALL RACEWAYS SHALL BE INSTALLED CONCEALED ABOVE CEILINGS, WITHIN WALLS OR BELOW FLOORS EXCEPT WITHIN UNFINISHED SPACES AND ON CEILINGS OF AREAS WITH EXPOSED STRUCTURE. WITHIN PUBLIC SPACES, EXPOSED CONDUIT SHALL BE FACTORY OR FIELD PAINTED TO MATCH ADJACENT STRUCTURE. ALL CONDUITS SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO BUILDING STRUCTURE. ALL CONDUITS ROUTED IN PARALLEL SHALL UTILIZE CONCENTRIC BEND RADI FOR ALL TURNS.
 - ALL EMPTY RACEWAYS SHALL BE PROVIDED WITH PULL STRINGS INSTALLED PER SPECIFICATIONS.
 - ALL EXPOSED RACEWAY ENDS SHALL BE PROVIDED WITH PLASTIC BUSHINGS.
 - ALL ELECTRICAL CONDUCTORS, EQUIPMENT AND TERMINALS SHALL BE 75°C RATED UON.
 - MINIMUM CONDUCTOR SIZE OF #12AWG, COPPER, THHN/THWN, FOR BRANCH CIRCUITS. UON.
 - ALL BRANCH AND FEEDER CIRCUITS SHALL ORIGINATE FROM PANELS AND SERVE DEVICES AND EQUIPMENT AS INDICATED ON PLANS AND SCHEDULES. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY, CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ENGINEER OF RECORD FOR CLARIFICATION PRIOR TO COMMENCING WORK.
 - ALL BRANCH CIRCUITS SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR.
 - ALL RACEWAYS CONTAINING A FEEDER OR BRANCH CIRCUIT SHALL BE PROVIDED WITH AN INSULATED EQUIPMENT GROUNDING CONDUCTOR. FOR RACEWAYS CONTAINING MORE THAN ONE BRANCH CIRCUIT, SIZE OF EQUIPMENT GROUNDING CONDUCTOR SHALL BE BASED ON THE LARGEST CIRCUITS OVERCURRENT PROTECTIVE DEVICE.
 - ALL DEVICE BACK BOXES SHALL BE RECESSED WITHIN WALLS, FURRING, OR CASEWORK. UON. USE OF EXPOSED SURFACE MOUNTED DEVICE BACK BOXES IS PROHIBITED EXCEPT WITHIN UNFINISHED SPACES AND ON CEILINGS OF AREAS WITH EXPOSED STRUCTURE. WITHIN PUBLIC SPACES, EXPOSED DEVICE BACK BOXES SHALL BE FACTORY OR FIELD PAINTED TO MATCH ADJACENT STRUCTURE.
 - DEVICE BACK BOXES INDICATED ON PLANS AS ADJACENT TO ONE ANOTHER SHALL BE MOUNTED 8" APART, CENTER-TO-CENTER. UON.
 - DEVICE BACK BOXES LOCATED ON OPPOSITE SIDES OF FIRE OR SMOKE RATED PARTITIONS SHALL NOT BE MOUNTED WITHIN THE SAME WALL CAVITY. WALL PENETRATIONS SHALL BE SEPARATED BY MOUNTING BOXES ON OPPOSITE SIDES OF WALL STUDS OR OTHER VERTICAL STRUCTURAL MEMBER INSIDE THE WALL.
 - CONTRACTOR SHALL COORDINATE EXACT HEIGHT AND LOCATION OF ALL WALL MOUNTED DEVICE BACK BOXES WITH ARCHITECTURAL INTERIOR ELEVATIONS AND CASEWORK SHOP DRAWINGS PRIOR TO INSTALLATION. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY, CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ARCHITECT AND ENGINEER OF RECORD FOR CLARIFICATION PRIOR TO COMMENCING WORK. MINOR ADJUSTMENTS IN ANY DIRECTION FOR DEVICE LOCATION, I.E. 5/8" OR LESS, SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL COORDINATE ALL ELECTRICAL DEVICE BACK BOX AND EQUIPMENT LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY, CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ARCHITECT AND ENGINEER OF RECORD FOR CLARIFICATION PRIOR TO COMMENCING WORK. MINOR ADJUSTMENTS IN ANY DIRECTION FOR DEVICE LOCATION, I.E. 5/8" OR LESS, SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL PROVIDE MINIMUM 4" HOUSEKEEPING PAD WITH CHAMFERED EDGES FOR ALL FLOOR MOUNTED EQUIPMENT, UON. REFER TO DETAILS, IF APPLICABLE.
 - REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATION OF ALL CEILING MOUNTED LUMINAIRES AND DEVICES.
 - EXACT HEIGHTS AND LOCATIONS OF LUMINAIRES WITHIN UNFINISHED SPACES SHALL BE COORDINATED AND DETERMINED IN THE FIELD. LUMINAIRES SHALL NOT BE SUPPORTED FROM DUCTWORK OR PIPING. CHAIN OR TRAPEZE-TYPE HANGERS SHALL BE PROVIDED WHERE LUMINAIRES CAN NOT BE MOUNTED DIRECTLY TO STRUCTURE OR CEILING. LUMINAIRES SHALL BE LOCATED TO MAXIMIZE ACCESSIBILITY AND ILLUMINATION.
 - ORIENT VERTICALLY MOUNTED RECEPTACLES WITH GROUND PIN UP. ORIENT HORIZONTALLY MOUNTED RECEPTACLES WITH GROUND PIN TO LEFT (NEUTRAL UP).
 - CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL FLOOR BOXES WITH ARCHITECT PRIOR TO INSTALL.
 - ALL AV, DATA, SECURITY AND TELECOMMUNICATIONS CABLEING SHALL BE INSTALLED CONCEALED FROM VIEW ABOVE CEILINGS, IN WALLS OR BELOW FLOORS EXCEPT WITHIN UNFINISHED SPACES AND ON CEILINGS OF AREAS WITH EXPOSED STRUCTURE. ALL CABLEING SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO BUILDING STRUCTURE.
 - SMOKE DETECTORS SHALL BE LOCATED MINIMUM 3'-0" FROM HVAC SUPPLY AND RETURN OPENINGS.
 - WHERE MULTIPLE VISUAL NOTIFICATION DEVICES CAN BE SEEN FROM A SINGLE LOCATION DURING NORMAL FACILITY OPERATION, ALL STROBES SHALL BE SYNCHRONIZED TO ALLOW FOR SIMULTANEOUS OPERATION.

STANDARD WALL MOUNTING HEIGHTS

| DEVICE OR EQUIPMENT TYPE | MOUNTING HEIGHT (AFF/AFG) | MEASURED TO | NOTES |
|--------------------------------|---------------------------|-------------|-------|
| AV, COAX, DATA & TELECOM | 18" SEE NOTES | CENTER | 1, 5 |
| DOOR ACCESS & CONTROLS | 48" | TOP | 1 |
| EMERGENCY LIGHTS | 96" | TOP | 1, 2 |
| ENCLOSED CIRCUIT BREAKERS | 78" | TOP | 1, 3 |
| EXIT SIGNS | SEE NOTES | TOP | 1, 4 |
| FA NOTIFICATION DEVICES | 84" | BOTTOM | 1 |
| FA PULL STATIONS | 48" | TOP | 1 |
| LIGHT SWITCHES AND THERMOSTATS | 48" | TOP | 1 |
| MOTOR STARTERS | 78" | TOP | 1, 3 |
| PANELBOARDS | 78" | TOP | 1, 3 |
| PLUGMOLD AND WIREMOLD | SEE NOTES | TOP | 1, 5 |
| RECEPTACLES - NORMAL AREAS | 18" | CENTER | 1 |
| RECEPTACLES - ABOVE COUNTER | SEE NOTES | TOP | 1, 5 |
| RECEPTACLES - EXTERIOR AREAS | 18" | CENTER | 1 |
| RECEPTACLES - UNDER COUNTER | 18" | CENTER | 1 |
| SAFETY SWITCHES | 78" | TOP | 1, 3 |
| SENSORS - WALL MOUNTED | 96" | TOP | 1, 2 |
| VARIABLE FREQUENCY DRIVES | 78" | TOP | 1, 3 |
| WALL MOUNTED CAMERAS | 120" | CENTER | 1 |

NOTES:

- UNLESS NOTED OTHERWISE, WALL MOUNTING HEIGHTS INDICATED ON DRAWINGS OR DETAILS SHALL SUPERSEDE STANDARD WALL MOUNTING HEIGHTS LISTED HERE. COORDINATE ALL DEVICE LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECTURAL INTERIOR ELEVATIONS AND CASEWORK SHOP DRAWINGS PRIOR TO INSTALLATION. ADJUST TO MATCH MASONRY COURSES, IF APPLICABLE. MOUNT ALL BOXES TRUE AND PLUMB.
- CEILING HEIGHT PERMITTING, OTHERWISE MOUNT 12" BELOW CEILING TO TOP OF BOX.
- MOUNTING HEIGHT AS MEASURED TO TOP OF ENCLOSURE OR CENTER OF OPERATING HANDLE AT HIGHEST POSITION, WHICHEVER IS HIGHER. STACKING OF SAFETY SWITCHES, ENCLOSED CIRCUIT BREAKERS AND MOTOR STARTERS IS PERMITTED.
- CEILING HEIGHT PERMITTING, MOUNT EXIT SIGN 18" ABOVE TOP OF DOOR FRAME AS MEASURED FROM TOP OF SIGN, FOR ALL OTHER AREAS AND CEILING HEIGHT PERMITTING, MOUNT 8" AFF TO TOP OF BOX. OTHERWISE, MOUNT 12" BELOW CEILING TO TOP OF BOX.
- MOUNT 8" ABOVE COUNTERTOP OR BACKSPLASH (IF APPLICABLE) TO TOP OF BOX. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECTURAL INTERIOR ELEVATIONS AND CASEWORK SHOP DRAWINGS PRIOR TO INSTALLATION.

ABBREVIATIONS -

THIS IS A MASTER ABBREVIATIONS LIST. SOME ABBREVIATIONS MAY NOT APPLY TO THIS PROJECT.

| | | | |
|-----------|-------------------------------------------|-----------|-----------------------------------------------|
| AMP | AMPERE | HOA | HAND OFF AUTO |
| AC | ALTERNATING CURRENT | HORIZ | HORIZONTAL |
| AC | ABOVE CEILING | HP | HORSE POWER |
| ADA | AMERICANS WITH DISABILITIES ACT | HVAC | HEATING, VENTILATION AND AIR CONDITIONING |
| AFCI | ARC FAULT CIRCUIT INTERRUPTER | IDF | INTERMEDIARY DISTRIBUTION FRAME |
| AFF | ABOVE FINISH FLOOR | K | KELVIN |
| AFG | ABOVE FINISH GRADE | KCMIL | THOUSAND CIRCULAR MILLS |
| AHJ | AUTHORITY HAVING JURISDICTION | KVA | KILOVOLT-AMPERES |
| AIC | AMPERES INTERRUPTING CAPACITY | KW | KILOWATT |
| AL, ALUM | ALUMINUM | LED | LIGHT EMITTING DIODE |
| ANSI | AMERICAN NATIONAL STANDARDS INSTITUTE | LFMC | LIQUID TIGHT FLEXIBLE METALLIC CONDUIT |
| ATS | AUTOMATIC TRANSFER SWITCH | LP | LIGHTING PANEL |
| AUX | AUXILIARY | LRA | LOCKED ROTOR AMPS |
| AWG | AMERICAN WIRE GAUGE | LS | LIFE SAFETY |
| BAS | BUILDING AUTOMATION SYSTEM | LSIG | LIMIT SWITCH |
| BLDG | BUILDING | | LONG, SHORT, INSTANTANEOUS & GROUND |
| BMS | BUILDING MANAGEMENT SYSTEM | LTG | LIGHTING |
| BRKR, BKR | BREAKER | LTS | LIGHTS |
| C/B, CB | CIRCUIT BREAKER | LV | LOW VOLTAGE |
| CCTV | CLOSED CIRCUIT TELEVISION | MC | METAL CLAD CABLE |
| cd | CANDELA | MCA | MAXIMUM CIRCUIT AMPACITY |
| CKT | CIRCUIT | MCB | MAIN CIRCUIT BREAKER |
| CLG | CEILING | MDF | MAIN DISTRIBUTION FRAME |
| COMM | COMMUNICATION | MECH | MECHANICAL |
| CRI | COLOR RENDERING INDEX | MLO | MAIN LUGS ONLY |
| CT | CURRENT TRANSFORMER | MOC | MAXIMUM OVERCURRENT PROTECTION |
| CU | COPPER | MTS | MANUAL TRANSFER SWITCH |
| DIA | DIAMETER | N/A | NOT APPLICABLE |
| DN | DOWN | NEC | NATIONAL ELECTRIC CODE |
| DWG | DRAWING | NEMA | NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION |
| E, EX | EXISTING | NF | NOT FUSED / NON-FUSED |
| EA | EACH | NFPA | NATIONAL FIRE PROTECTION ASSOCIATION |
| EC | ELECTRICAL CONTRACTOR | NFSS | NON-FUSED SAFETY SWITCH |
| ECB | ENCLOSED CIRCUIT BREAKER | NIC | NOT IN CONTRACT |
| EGB | EARTH, ELECTRICAL OR EQUIPMENT GROUND BAR | NL | NIGHT LIGHTING |
| EGC | EQUIPMENT GROUNDING CONDUCTOR | NTS | NOT TO SCALE |
| ELEC | ELECTRIC, ELECTRICAL | P | POLE |
| ELEV | ELEVATOR | PH, Ø | PHASE |
| EM | EMERGENCY | PIN | PIN |
| EMERG | EMERGENCY | POE | POWER OVER ETHERNET |
| EMT | ELECTRICAL METALLIC TUBING | PWR | POWER |
| EOL | END OF LINE RESISTOR | QTY | QUANTITY |
| EPO | EMERGENCY POWER OFF | R | REMOVE |
| EQ, EQP | EQUIPMENT | RCP | REFLECTED CEILING PLAN |
| ERMS | ENERGY REDUCTION MAINTENANCE SWITCH | REC, RECP | RECEPTACLE REQUIRED |
| FA | FIRE ALARM | REQD | REQUIRED |
| FC | FOOT-CANDLE | SPD | SURGE PROTECTIVE DEVICE |
| FLA | FULL LOAD AMPS | STD | STANDARD |
| FLR | FLOOR | STR | MOTOR STARTER |
| FO | FIBER OPTIC | SW | SWITCH |
| FSS | FUSED SAFETY SWITCH | TEL, TELE | TELEPHONE |
| G, GND | GROUND | | |
| GALV | GALVANIZED | | |
| GEN | GENERATOR | | |
| GFCL, GF | GROUND FAULT CIRCUIT INTERRUPTER | | |
| GFEP | GROUND FAULT EQUIPMENT PROTECTION | | |
| GFP | GROUND FAULT PROTECTION | | |
| GRC, GRMC | GALVANIZED RIGID METALLIC CONDUIT | | |

SECURITY SYMBOLS

| SYMBOL | DESCRIPTION |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CEILING MOUNTED | LOW VOLTAGE EQUIPMENT AND CABLEING PROVIDED BY DIVISION 27 CONTRACTOR. DIVISION 26 SHALL PROVIDE CONDUIT TO ACCESSIBLE CEILINGS OR CABLE TRAY, AND BACK BOXES FOR WALL MOUNTED DEVICES OR DEVICES IN CEILINGS ABOVE 10'-0" OR GYP BOARD CEILINGS. |
| WALL MOUNTED | SECURITY CAMERA |
| PA | PANIC ALARM BUTTON |
| DA | DURESS ALARM |
| DOOR ACCESS CONTROLS | |
| XX | DOOR ACCESS CONTROL DEVICES |
| XX | VIDEO ENTRY SYSTEM |
| "A" | = AI PHONE |
| "A2" | = MASTER CONTROL CONSOLE |
| | DOOR ACCESS CONTROL PANEL |
| INTRUSION DETECTION | |
| | MOTION DETECTOR |
| | INTRUSION DETECTION CONTROL PANEL |
| KP | ALARM KEYPAD |

POWER SYMBOLS

| SYMBOL | DESCRIPTION |
|--------------------|----------------------------------------------------------------------------------------|
| CEILING MTD | SIMPLEX OUTLETS |
| NORMAL WALL MTD | DUPLEX OUTLETS |
| STUB UP | QUADRUPLX OUTLETS |
| FLOOR MTD | SPECIALTY OUTLETS (NEMA TYPE AS SHOWN) |
| | JUNCTION BOX |
| | HDMI CONNECTION PLATE, REFER TO DETAILS FOR ADDITIONAL INFORMATION |
| | PUSH BUTTON |
| | EQUIPMENT CONNECTION "EPO" = EMERGENCY POWER |
| | POWER/TELECOM POLE, REFER TO SCHEDULE ON E-508 FOR ADDITIONAL INFORMATION ON POLE TYPE |
| | MOTOR |
| | MANUAL MOTOR STARTER, FRACTIONAL HORSEPOWER (SEE STARTER SCHEDULE FOR SIZE, ETC.) |
| | NON-FUSIBLE SAFETY SWITCH (SEE DISCONNECT SCHEDULE FOR SIZE, ETC.) |
| | FUSIBLE SAFETY SWITCH (SEE DISCONNECT SCHEDULE FOR SIZE, ETC.) |
| | ENCLOSED CIRCUIT BREAKER, ECB (SEE RISER DIAGRAM FOR SIZE, ETC.) |
| | COMBINATION MOTOR STARTER/SAFETY SWITCH (FURNISHED BY DIV 23, INSTALLED BY DIV 26) |
| | VARIABLE FREQUENCY DRIVE (VFD) (FURNISHED BY DIV 23, INSTALLED BY DIV 26) |
| | DISCONNECT SWITCH (FURNISHED BY DIV 23, INSTALLED BY DIV 26) |
| | SURGE SUPPRESSOR |
| | GROUND BAR |
| | POWER/TELECOMMUNICATIONS HANDHOLE |
| | POWER/TELECOMMUNICATIONS MANHOLE |
| POWER DISTRIBUTION | |
| | WALL MOUNTED PANEL (SHADING INDICATES 120/208) |
| | RECESSED PANEL (SHADING INDICATES 120/208) |
| | ELECTRICAL EQUIPMENT/GEAR, SIZE, TYPE, AND MOUNTING AS SHOWN AND/OR NOTED. |
| | UTILITY METER |

FIRE ALARM SYMBOLS

| SYMBOL | DESCRIPTION |
|--------|--------------------------------------------------|
| BT | SMOKE DETECTOR PHOTOELECTRIC, UNO. |
| BT | GAS DETECTOR, CARBON MONOXIDE, UNO. |
| MC | MULTI CRITERIA DETECTOR |
| H | HEAT DETECTOR RATE OF RISE, UNO. |
| X | STROBE |
| X | SPEAKER |
| X | COMBINATION SPEAKER/VISIBLE |
| X | REMOTE ALARM INDICATOR |
| | FIRE ALARM BELL |
| | MAGNETIC DOOR HOLD OPEN DEVICE FLOOR MOUNTED UNO |
| XX | ADDRESSABLE MODULE |
| | DUCT MOUNTED DETECTOR PHOTOELECTRIC, UNO |
| | PULL STATION FIRE ALARM, UNO |
| | FIRE ALARM PANEL SURFACE MOUNTED |
| | FIRE ALARM PANEL RECESSED |

LIGHTING SYMBOLS

| SYMBOL | DESCRIPTION |
|--------------------|--------------------------------------------------------------------------------------------|
| NORMAL | T (BRACKET INDICATES WALL MOUNTED TYP.) |
| EMERGENCY CRITICAL | SURFACE/RECESSED TROFFER LUMINAIRE |
| | DIRECT/INDIRECT PENDANT LUMINAIRE |
| | LINEAR WALL MOUNTED LUMINAIRE |
| | LINEAR RECESSED LUMINAIRE (RAY INDICATES DIRECTION OF WALL WASH) |
| | STRIP LUMINAIRE - SIZE AND TYPE AS SHOWN |
| | SURFACE/RECESSED CAN LUMINAIRE (RAY INDICATES DIRECTION OF WALL WASH) |
| | WALL SCONCE LUMINAIRE |
| | DECORATIVE/SPECIALTY LUMINAIRE (SIZE AND TYPE AS SHOWN) |
| | SITE LUMINAIRE - BOLLARD LUMINAIRE (RAY INDICATES DIRECTIONALITY) |
| | SITE LUMINAIRE - POLE MOUNTED LUMINAIRE (HEAD QUANTITY AND ORIENTATION AS SHOWN) |
| | SITE LUMINAIRE - IN-ON-GRADE ACCENT/SPOT LUMINAIRE |
| | CEILING MOUNTED EXIT SIGN FACES AND CHEVRONS AS SHOWN |
| | WALL MOUNTED EXIT SIGNS FACES AND CHEVRONS AS SHOWN |
| | WALL MOUNTED EMERGENCY LUMINAIRE |
| ET | EMERGENCY LIGHTING CONTROL DEVICE |
| ER | EMERGENCY LIGHTING CONTROL DEVICE |
| | TRACK LUMINAIRE |
| | SWITCH |
| | OCCUPANCY SENSORS |
| | PHOTOCCELL |
| | LIGHTING CONTROL PANEL, SURFACE - TYPE (CONTRACTOR, RELAY, ROOM CONTROLLER, ETC.) AS SHOWN |

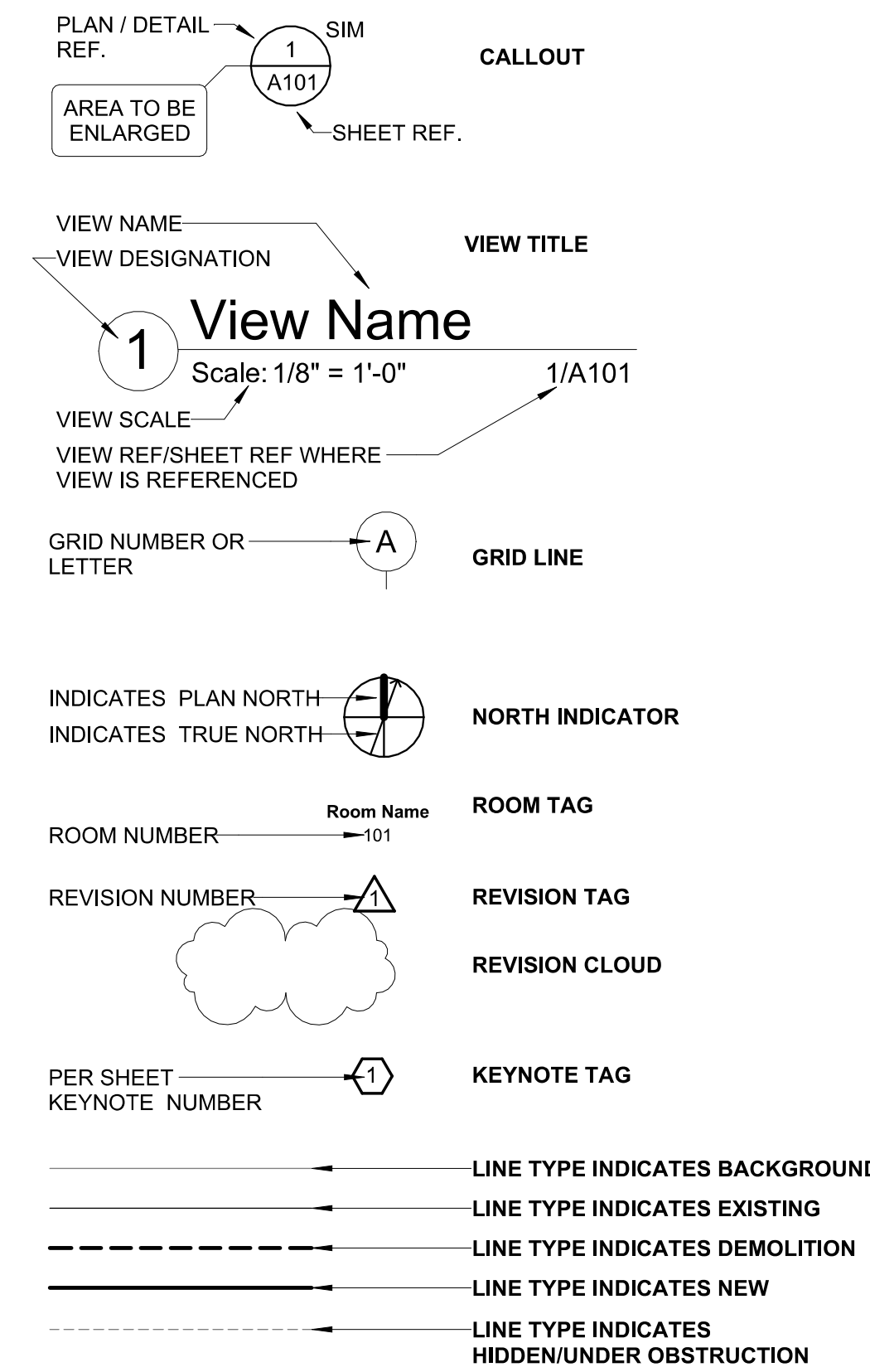
LIFE-SAFETY PENETRATION SCHEDULE

| ASSEMBLY AND PENETRATION TYPE | RATING (HR) | U. L. DETAIL SYSTEM NUMBER |
|-----------------------------------------|-------------|-------------------------------------------------|
| CONCRETE FLOORS | | |
| UNINSULATED METAL PIPES OR CONDUITS | 1 or 2 | CAJ-1226, CAJ-1155, CAJ-1380, CAJ-1575, FA-1028 |
| UNINSULATED NON-METAL PIPES OR CONDUITS | 4 | CBJ-1037 |
| CABLES | 1 or 2 | CAJ-2109, CAJ-2407, CAJ-2567, CAJ-2831 |
| CABLE TRAYS | 1 or 2 | CAJ-3095, CAJ-3210, CAJ-3239 |
| | 1 or 2 | CAJ-4034, CAJ-4035, CAJ-4083 |
| CONCRETE / MASONRY WALLS | | |
| UNINSULATED METAL PIPES OR CONDUITS | 1 or 2 | CAJ-1226, CAJ-1155, CAJ-1380, CAJ-1575 |
| UNINSULATED NON-METAL PIPES OR CONDUITS | 4 | CAJ-1630 |
| CABLES | 1 or 2 | CAJ-2109, CAJ-2407, CAJ-2567, CAJ-2831 |
| CABLE TRAYS | 1 or 2 | CAJ-3095, CAJ-3180, WJ-3036 |
| | 1 or 2 | CAJ-4034, CAJ-4035, CAJ-4083 |
| CONCRETE / MASONRY WALLBOARDS | | |
| UNINSULATED METAL PIPES OR CONDUITS | 1 or 2 | WL-1164, WL-1205, WL-1465 |
| UNINSULATED NON-METAL PIPES OR CONDUITS | 1 or 2 | WL-2084, WL-2341, WL-2649 |
| CABLES | 1 or 2 | WL-3065, WL-3111, WL-3161 |
| CABLE TRAYS | 1 or 2 | WL-4011, WL-4019, WL-4081 |

NOTES:

- REFER TO SECTION 230500 FOR MORE INFORMATION.
- HILTI PRODUCTS ARE REQUIRED FOR ALL PENETRATIONS
- SELECT UL LISTED PENETRATION DETAIL MATCHING THE PENETRATION CONDITIONS.
- SUBMIT AN APPROPRIATE DETAIL FOR ENGINEER REVIEW IF THE PROJECT CONDITIONS ARE NOT REPRESENTED ABOVE.

STANDARD DETAILING SYMBOLS



CIRCUIT SYMBOLS

| WIRES | DESCRIPTION |
|-------|--------------------------------------------------------------------------------------------------------------------------------|
| LPT-1 | HOME RUN. NUMERALS INDICATE PANELBOARD AND CIRCUIT NUMBERS. |
| | HOME RUN. MULTIPLE ARROWS INDICATES NUMBER OF CIRCUITS INCLUDED IN CONDUIT (1, 2 OR 3). ALTERNATE CIRCUITS EVERY OTHER DEVICE. |
| | UNCONTROLLED/UNSWITCHED CIRCUIT |
| | INDICATES CIRCUIT CONTINUATION |
| | STUB INTO ACCESSIBLE CORRIDOR CEILING SPACE UNO |
| | CAP END OF CONDUIT |
| | INDICATES CONDUIT RISER UP |
| | INDICATES CONDUIT RISER DOWN |
| | CONDUIT SLEEVE |

AV, DATA, INTERCOM & TELECOMM SYMBOLS

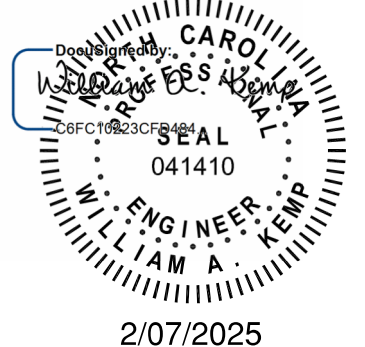
| SYMBOL | DESCRIPTION |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CEILING MTD | LOW-VOLTAGE OR DIV 27 EQUIPMENT AND CABLEING FURNISHED BY OTHERS. DIV 26 SHALL BE RESPONSIBLE FOR ALL BACK BOXES, VERTICAL CONDUITS AND HORIZONTAL CONDUIT TO ACCESSIBLE CEILING OR CABLE TRAY |
| WALL MTD | |
| POST MTD | |
| FLOOR MTD | |
| | DATA OUTLET |
| | COMBO AV & DATA OUTLET, SEE DETAILS |
| | INTERCOM OUTLET |
| | CALL BUTTONS |
| | JUNCTION BOX |
| | CLOCK |
| | SPEAKER |
| | MICROPHONE JACK |
| | CABLE TRAY, FURNISHED AND INSTALLED BY DIV 26. REFER TO SPECIFICATIONS. |

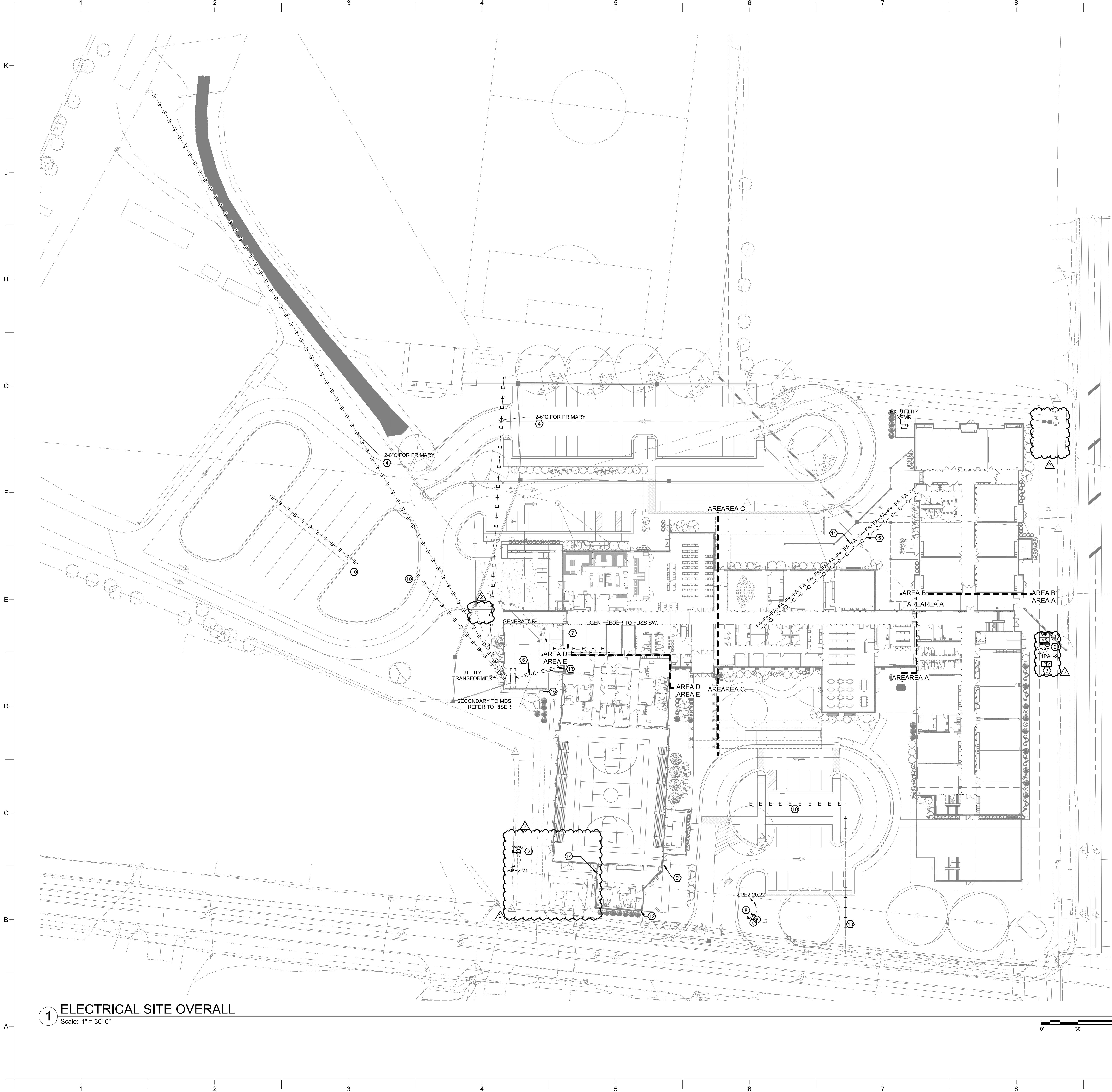
DRAWING LIST - ELECTRICAL

| | |
|-----------------|----------------------------------------------|
| E00.01 | ELECTRICAL SYMBOLS & ABBREVIATIONS |
| E00.02 | ELECTRICAL SITE PLAN |
| E01.02 | FIRST FLOOR ELEC DEMO & NEW WORK PLAN AREA B |
| E01.05 | FIRST FLOOR ELEC DEMO PLAN AREA E |
| E00.03 | FIRST FLOOR EQUIPMENT PLAN |
| E00.04 | SECOND FLOOR EQUIPMENT PLAN |
| E01.01 | FIRST FLOOR LIGHTING PLAN AREA A |
| E01.03 | FIRST FLOOR LIGHTING PLAN AREA C |
| E01.04 | FIRST FLOOR LIGHTING PLAN AREA D |
| E01.05 | FIRST FLOOR LIGHTING PLAN AREA E |
| E01.11 | FIRST FLOOR POWER PLAN AREA A |
| E01.13 | FIRST FLOOR POWER PLAN AREA C |
| E01.14 | FIRST FLOOR POWER PLAN AREA D |
| E01.15 | FIRST FLOOR POWER PLAN AREA E |
| E02.01 | SECOND FLOOR LIGHTING PLAN AREA A |
| E02.03 | SECOND FLOOR POWER & LIGHTING PLAN AREA C |
| E02.11 | SECOND FLOOR POWER PLAN AREA A |
| E04.01 | LARGE SCALE FLOOR PLANS |
| E05.01 | DETAILS |
| E05.02 | DETAILS |
| E05.03 | DETAILS |
| E06.01 | LIGHTING FIXTURE SCHEDULE |
| E06.02 | PANEL SCHEDULES |
| E06.03 | PANEL SCHEDULES |
| E06.04 | PANEL SCHEDULES |
| E09.01 | RISER DIAGRAMS |
| E09.02 | FIRE ALARM RISER DIAGRAM |
| Grand total: 29 | |



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S. Goldsboro, NC 27530





GENERAL NOTES:

1. REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
2. LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

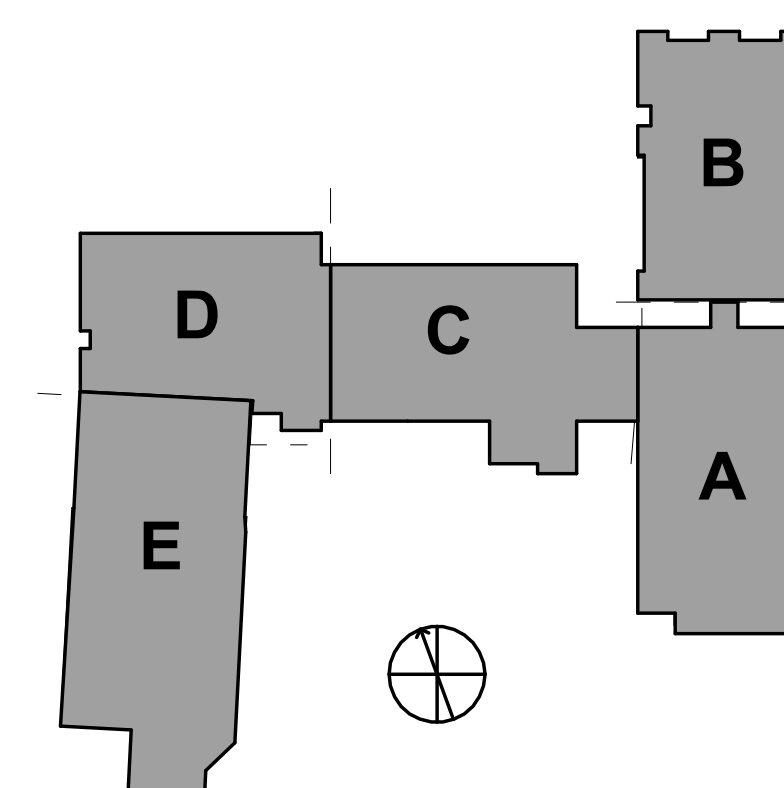
KEYNOTES:

1. PROVIDE CONNECTION TO TWO TAMPER SWITCH ON FIRE PROTECTION WATER LINE AND CONNECT TO FA SLC LOOP. ALL WIRING SHALL BE IN 1".
2. PROVIDE CONNECTION TO ELECTRICAL HEATER IN BACKFLOW PREVENTER ENCLOSURE. FIELD VERIFY HEATER SIZE AND LOCATION PRIOR TO FINAL CONNECTION. PROVIDE A TOGGLE SWITCH WITHING ENCLOSURE FOR EACH HEATER. IF HARDWIRED, FOR PLUG-IN HEATER PROVIDE DUPLEX RECEPTACLE (AS SHOWN) IN LIEU OF TOGGLE SWITCH.
3. PROVIDE CONNECTION TO TAMPER SWITCH AT POST INDICATOR VALVE. CONNECT TO FA SLC LOOP IN BUILDING. WIRING SHALL BE IN 1".
4. SLEEVES FOR UNDERGROUND ELECTRICAL PRIMARY. PROVIDE (2) - 6" SLEEVES FROM EXISTING TRANSFORMER PAD TO NEW TRANSFORMER PAD. PROVIDE PULL STRINGS, AND MARK ENDS. COORDINATE EXACT LOCATION AND ROUTING WITH DUKE ENERGY, ALL TRADES, AND UTILITIES PRIOR TO ROUGH-IN.
5. PROVIDE UNDERGROUND 4" FROM DEMARC LOCATED IN EXISTING ELECTRICAL ROOM IN AREA "B". PROVIDE WITH PULL STRINGS AND THREE (3) CELL MAXCELL EDGE INNERDUCT.
6. ELECTRICAL UTILITY TRANSFORMER SECONDARY. PROVIDE WIRE AND CONDUIT TO SWITCHBOARD UNDERGROUND AS NOTED ON RISER DIAGRAM.
7. GENERATOR FEEDER AND GEN-PNL FEEDER SHALL BE ROUTED IN SAME DUCT BANK. REFER TO RISER DIAGRAM FOR FEEDER SIZES.
8. PROVIDE TWO BRANCH CIRCUITS FOR NEW MONUMENTAL SIGN. PROVIDE TOGGLE SWITCH ON SIGN EXTERIOR FOR LOCAL POWER DISCONNECT. PROVIDE WEATHER PROOF ENCLOSURE FOR TOGGLE SWITCH. COORDINATE SIGN REQUIREMENTS WITH DIVISION 11 CONTRACTOR. REFER TO PANEL SCHEDULE FOR WIRE AND CONDUIT SIZE.
9. PROVIDE ROUGH-IN FOR TRANSMITTER FOR MONUMENTAL SIGN. PROVIDE 1" FROM EXTERIOR ROUGH-IN TO IDF CLOSET IN GYM LOCKER ROOM SPACE. WIRING AND TRANSMITTER PROVIDED BY OTHERS. PROVIDE ROUGH-IN AT 11'-0" AFG OR AS REQUIRED BY SIGN MANUFACTURER. COORDINATE WITH DIVISION 11, SIGN CONTRACTOR. FOR TRANSMITTER ROUGH-IN REQUIREMENTS. TRANSMITTER SHALL BE LOCATED ON EXTERIOR WALL.
10. PROVIDE ONE (1) 2" C SLEEVE FOR DUKE ENERGY LIGHTING. PROVIDE WITH PULL STRING AND MARK ENDS OF SLEEVE. COORDINATE WITH DUKE ENERGY ON FINAL SLEEVE LOCATIONS. WIRING AND SITE LIGHTING POLES PROVIDED BY DUKE ENERGY.
11. PROVIDE UNDERGROUND 2" C FROM NEW FACP LOCATED IN NEW MDF ROOM TO EXISTING FACP PANEL LOCATED IN EXISTING ELECTRICAL ROOM. PROVIDE WITH PULL STRINGS. REFER TO FIRE ALARM RISER DIAGRAM FOR ADDITIONAL INFORMATION.
12. TURN UP FOR SIGN ON EXTERIOR OF BUILDING AT APPROX. 18" AFG AND CONTINUE ROUTING CONDUIT EXPOSED TO NEW PANEL SPE2.
13. PROVIDE HAND HOLE FOR SECONDARY FEEDER CONDUITS.
14. TURN UP FOR HOTBOX POWER ON EXTERIOR OF BUILDING AT APPROX. 120" AFG (OR ABOVE CEILING HEIGHT) AND CONTINUE ROUTING CONDUIT CONCEALED ABOVE CEILING TO NEW PANEL SPE2.
15. PROVIDE 1" C WITH PULL STRING FOR LOW VOLTAGE CABLING. PROVIDE CONDUIT FROM UTILITY GAS METER LOCATION TO HW BAS PANEL LOCATED IN MAIN MECHANICAL ROOM.

WALL RATING LEGEND:

- | |
|-------------------------|
| 1-HR RATED FIRE BARRIER |
| 2-HR RATED FIRE WALL |
| 2-HR RATED FIRE BARRIER |

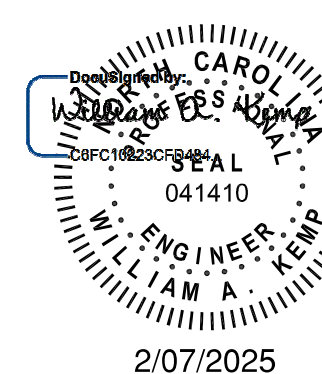
KEYPLAN:



**ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS

| | | |
|---|-------------|------------|
| 1 | Addendum #1 | 02/03/2025 |
| 2 | Addendum #2 | 02/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: MEH
Plot Date: 2/7/2025 1:17:06 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
ELECTRICAL SITE PLAN

E00.02

| | |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES. |
| 2. | LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT SPECIFICATIONS. ALL DEVICES, DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS. |

1 ROUTE POWER FOR KEF-1 THROUGH UDS SYSTEM.

541 North Carolina 581 S. Goldsboro, NC 27530

2/07/2025

2401

REVISIONS

| | |
|--|--|
| | |
| | |

| | |
|--|--|
| | |
| | |

| | |
|--|--|
| | |
| | |

These drawings are the property of Davis Kane

PA: ROBERT STEVENSON

Plot Date: 2/7/2025 1:17:13 PM

REFERENCES

SECOND FLOOR EQUIPMENT PLAN

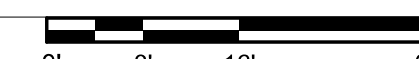
1000

E00 04

L00.04



Scale: 1/16" = 1'-0"



1-HR RATED FIRE BARRIER

2-HR RATED FIRE WALL

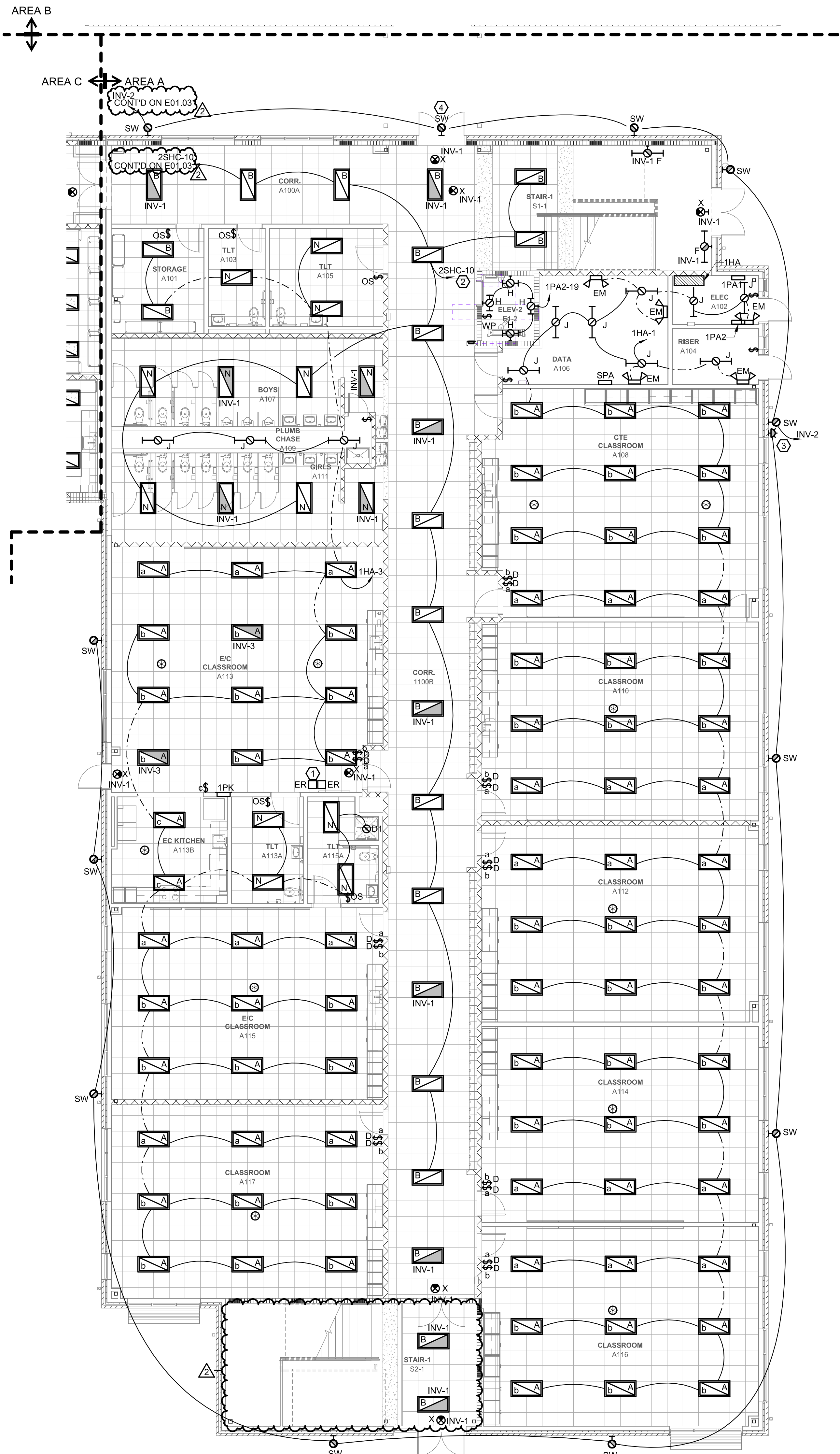
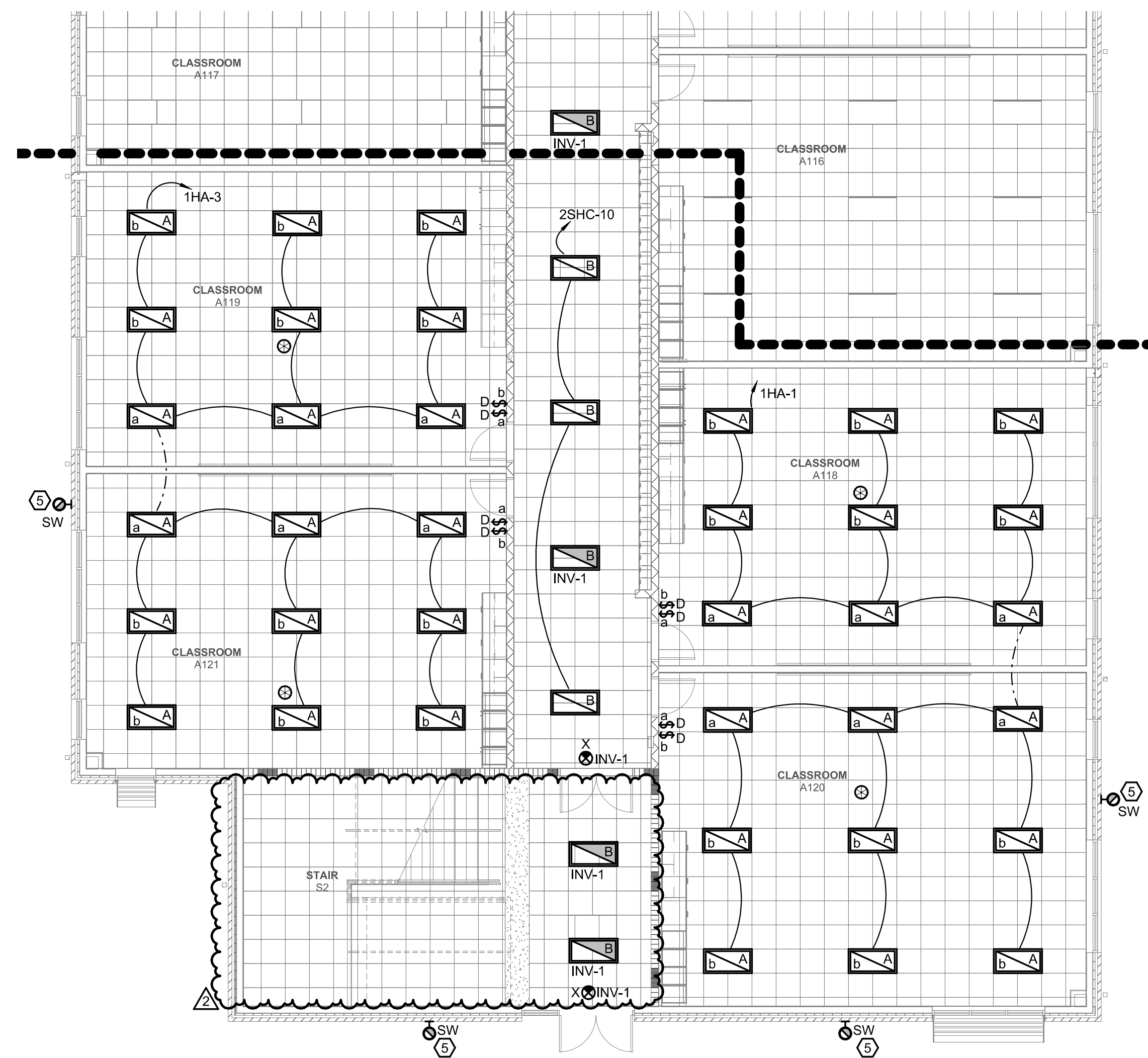
2-HR RATED FIRE BARRIER

K
J
H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 FIRST FLOOR LIGHTING PLAN AREA A - ALTERNATE
Scale: 1/8" = 1'-0"



2 FIRST FLOOR LIGHTING PLAN AREA A
Scale: 1/8" = 1'-0"

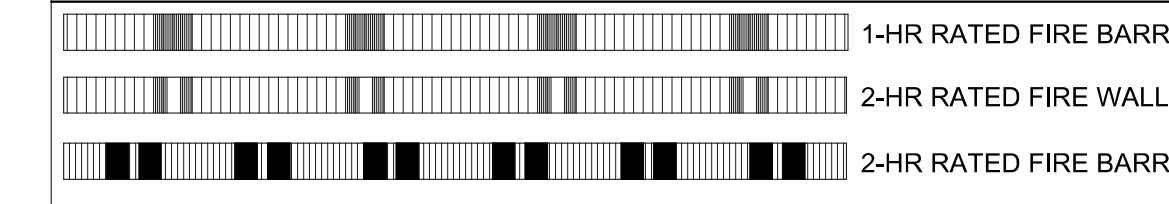
GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

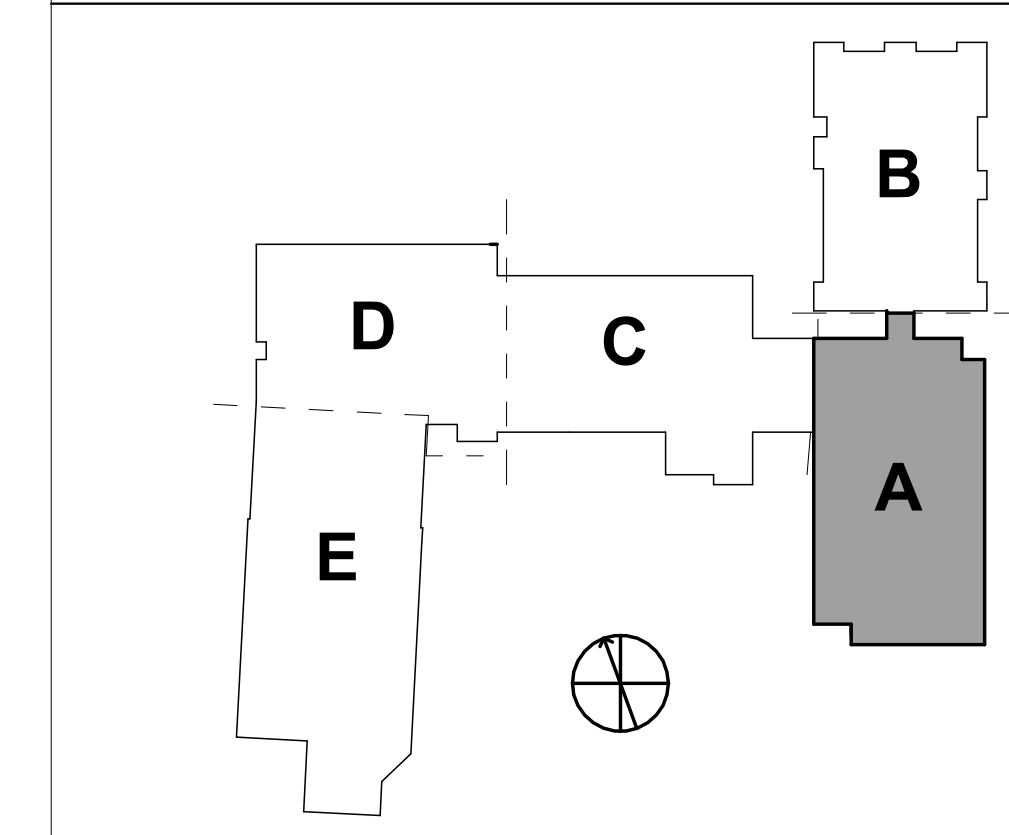
KEYNOTES:

- PROVIDE EMERGENCY RELAY, UL-924, DEVICE FOR EMERGENCY LIGHTING IN CLASSROOM. REFER TO EMERGENCY RELAY SCHEDULE AND LIGHTING CONTROL DETAILS FOR ADDITIONAL INFORMATION. PROVIDE REMOTE TEST SWITCH IN CEILING TILE NEAR DOOR. TYPICAL FOR BOTH EMERGENCY FIXTURES.
- CONTROLS FOR CORRIDOR LIGHTING LOCATED IN MECHANICAL MEZZANINE.
- PROVIDE PHOTOCELL BY YORK OR APPROVED EQUAL ON EXTERIOR OF BUILDING. PHOTOCELL SHALL CONTROL EXTERIOR FIXTURES.
- PROVIDE FIXTURE IN BASE BID ONLY. REFER TO SHEET E01.02 FOR ADDITIONAL INFORMATION ON ALTERNATES FOR AREA 'B'.
- SHOULD ALTERNATE FOR AREA A BE ACCEPTED CONTRACTOR SHALL PROVIDE ADDITIONAL EXTERIOR LIGHTS AS SHOWN AND CONNECT TO EXTERIOR LIGHTING CIRCUIT SHOWN ON THIS SHEET.

WALL RATING LEGEND:



KEYPLAN:



DAVIS KANE ARCHITECTS, P.A.
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.davis-kane.com

PROJECT INFORMATION

Dewberry
Dewberry Engineers Inc.
200 West Main
Raleigh, NC 27601-0071
919.833.3737
NC License No. P-1023

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS

| NO. | REVISION | DATE |
|-----|-------------|------------|
| 2 | Addendum #2 | 02/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2018 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: MEH
Plot Date: 2/10/2025 1:43:36 PM

DATE ISSUED
01/10/2025

BID DOCUMENTS

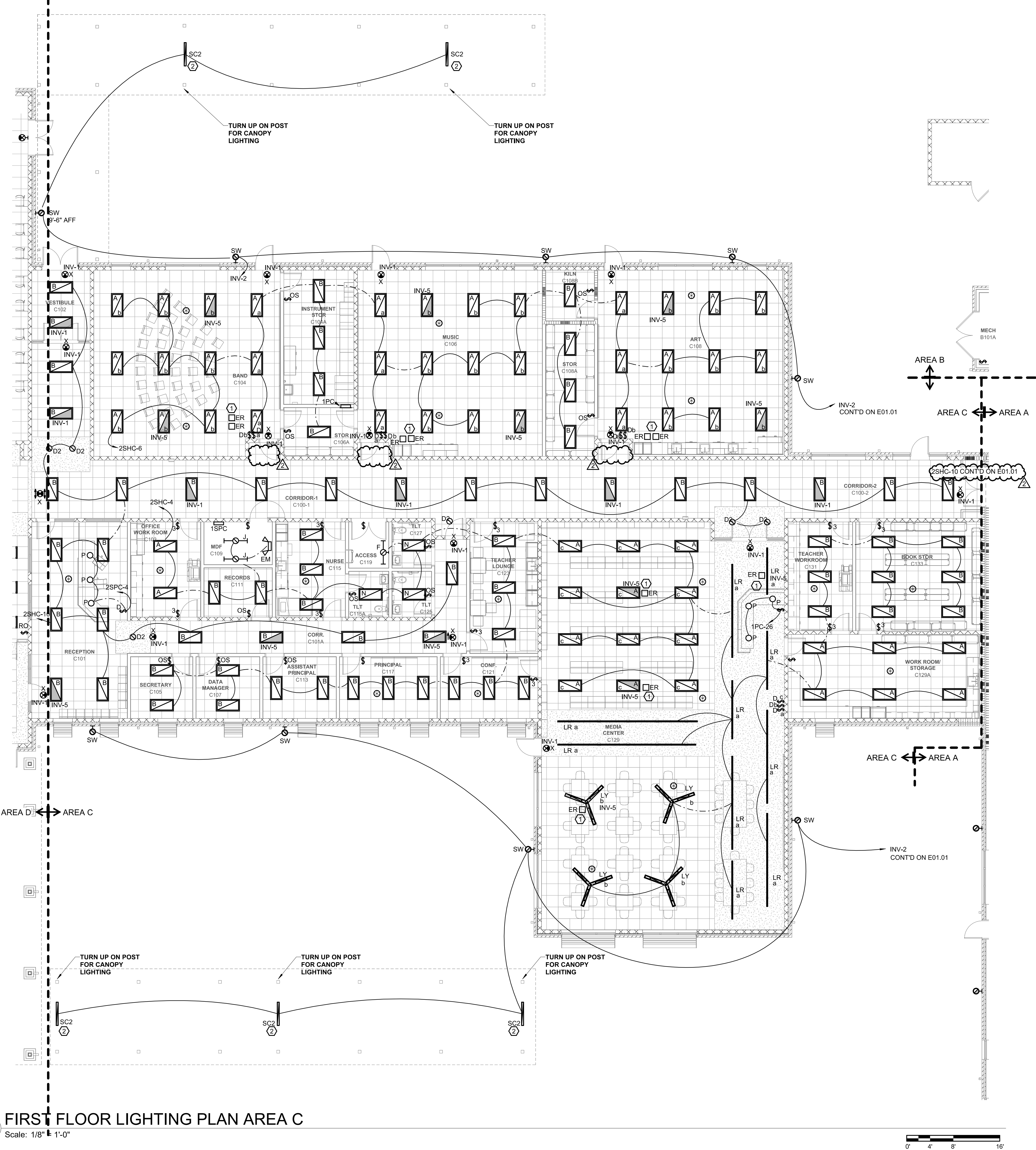
SHEET TITLE
FIRST FLOOR LIGHTING PLAN AREA A
E01.01

K
J
H
G
F
E
D
C
B
A

AREA D ↔ AREA C

AREA D ↔ AREA C

1 FIRST FLOOR LIGHTING PLAN AREA C
Scale: 1/8" = 1'-0"



GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

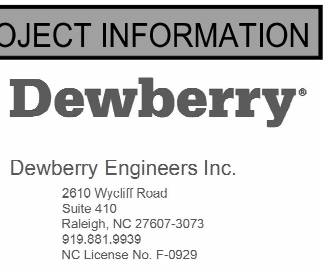
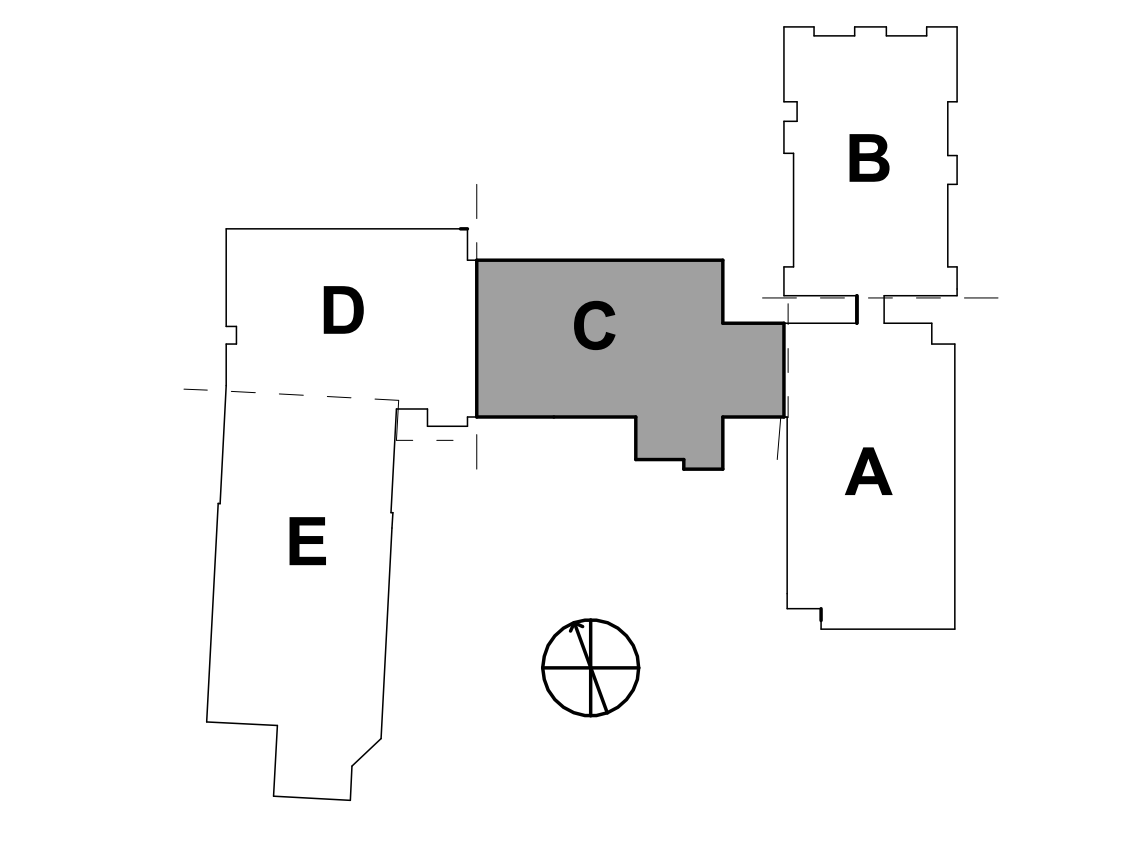
KEYNOTES:

- PROVIDE EMERGENCY RELAY UL924 DEVICES FOR EMERGENCY LIGHTS IN CLASSROOM/MEDIA CENTER. REFER TO EMERGENCY RELAY SCHEDULE FOR QUANTITIES AND CIRCUIT NUMBERS.
- PROVIDE BRANCH CIRCUIT TO CANOPY FIXTURES BY ROUTING CONDUIT FROM BELOW GRADE TO ADJACENT POST. CONTINUE ROUTING CONDUIT UP ADJACENT POST AND ACROSS BEAM TO FIXTURE. NO CONDUIT SHALL BE RUN BETWEEN FIXTURES ABOVE GRADE. LOOP IN AND OUT BELOW GRADE TO NEXT FIXTURE.

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

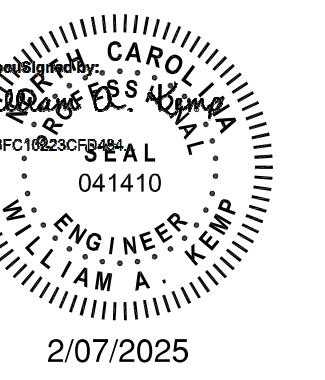
KEYPLAN:



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

DEWBERRY NUMBER

50171439

REVISIONS

2 Addendum #2 02/11/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: MEH
Plot Date: 2/7/2025 1:17:26 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

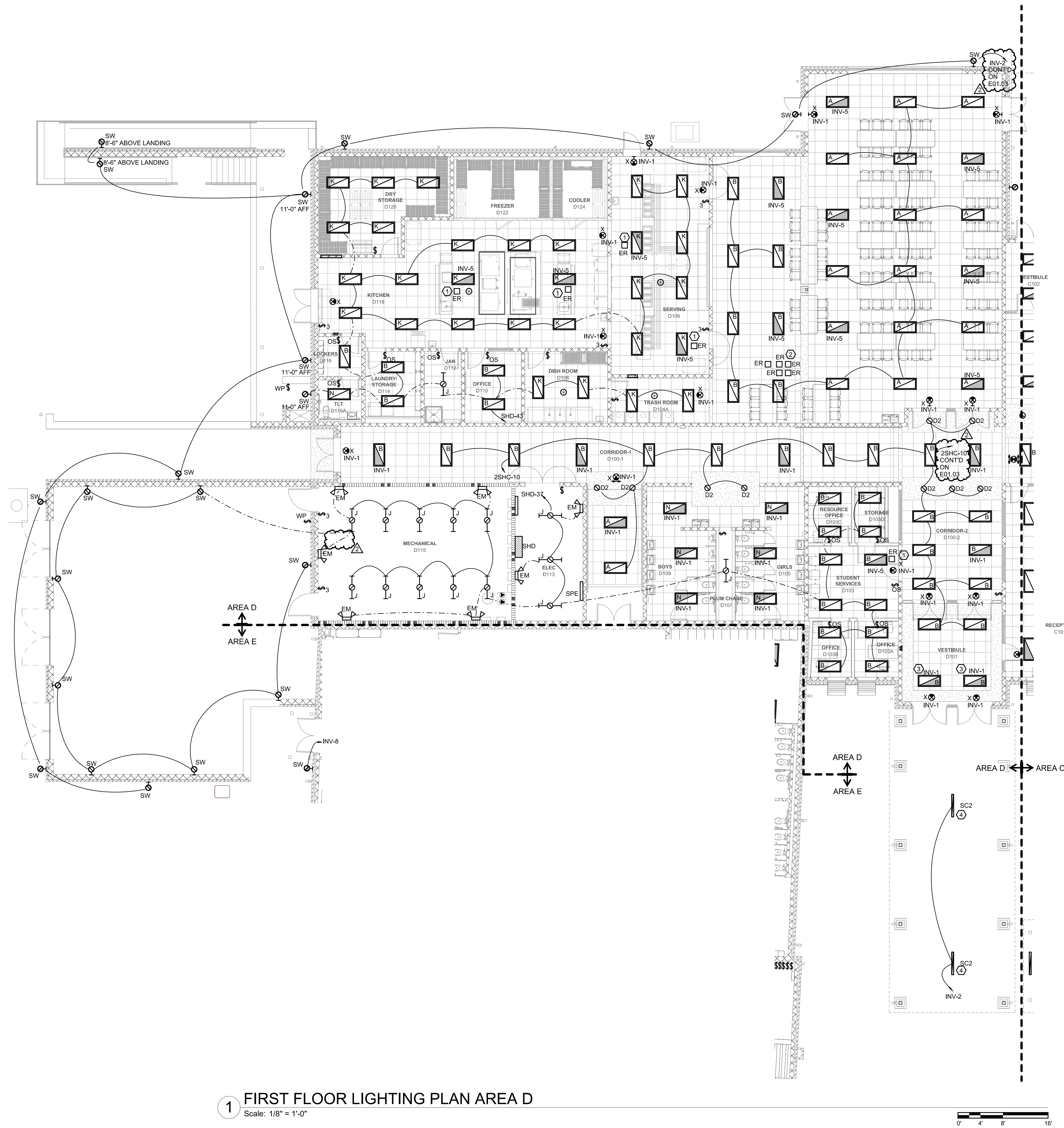
SHEET TITLE

FIRST FLOOR LIGHTING PLAN
AREA C

E01.03

K
J
H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10



1 FIRST FLOOR LIGHTING PLAN AREA D
Scale: 1/8" = 1'-0"

GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

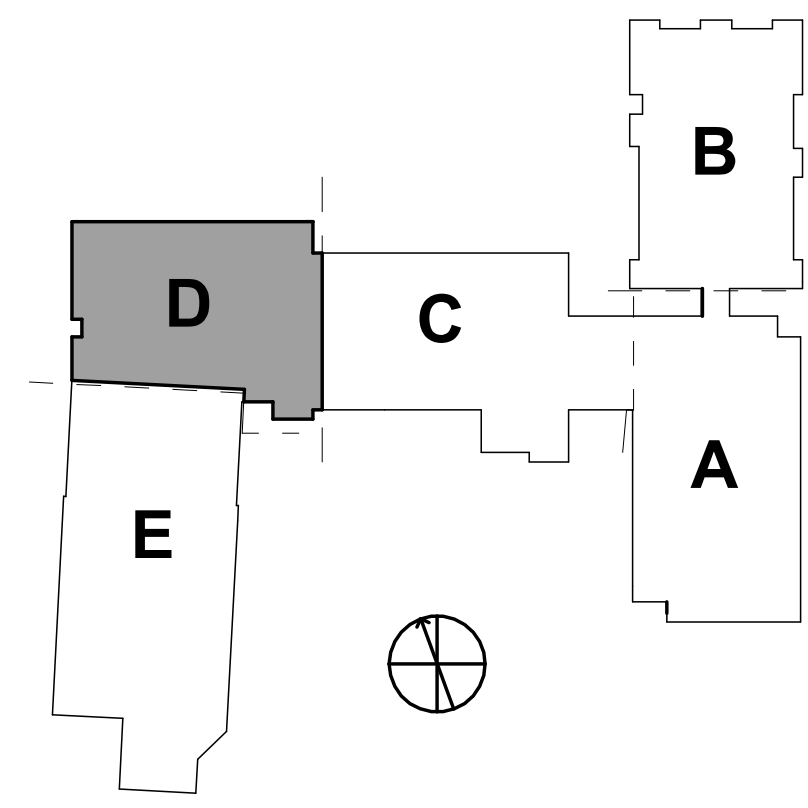
KEYNOTES:

- PROVIDE EMERGENCY RELAY UL924 DEVICES FOR EMERGENCY LIGHT IN ROOM. PROVIDE TEST SWITCH IN CEILING TILE BEFORE UL924 DEVICE. REFER TO EMERGENCY RELAY SCHEDULE FOR QUANTITIES AND CIRCUIT NUMBERS.
- PROVIDE EMERGENCY RELAY UL924 DEVICES FOR EMERGENCY LIGHTS IN DINING SPACE. PROVIDE TEST SWITCHES FOR EACH RELAY AND INSTALL IN LOWER ACCESSIBLE CEILING WITHIN THE SPACE. REFER TO EMERGENCY RELAY SCHEDULE FOR QUANTITIES AND CIRCUIT NUMBERS.
- NIGHT LIGHT FIXTURE. FIXTURE SHALL BURN 24 HOURS A DAY FOR SAFETY.
- CIRCUIT CANOPY LIGHTS FROM CONDUIT THAT IS ATTACHED TO THE UNDERSIDE OF CANOPY PEAK. CORE DRILL THROUGH BUILDING JUST BENEATH CANOPY. ROUTE CONDUIT TO BOTH LIGHT FIXTURES NOTED. REMAINING CANOPY FIXTURES SHALL BE FED FROM A DIFFERENT POINT.

WALL RATING LEGEND:

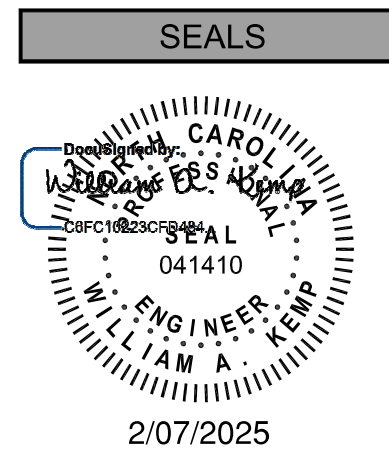
- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:



**ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS**

541 North Carolina 581 S. Goldsboro, NC 27530



| DKA JOB NUMBER |
|--------------------------|
| 2401 |
| DEWBERRY NUMBER |
| 50171439 |
| REVISIONS |
| 2 Addendum #2 02/11/2025 |

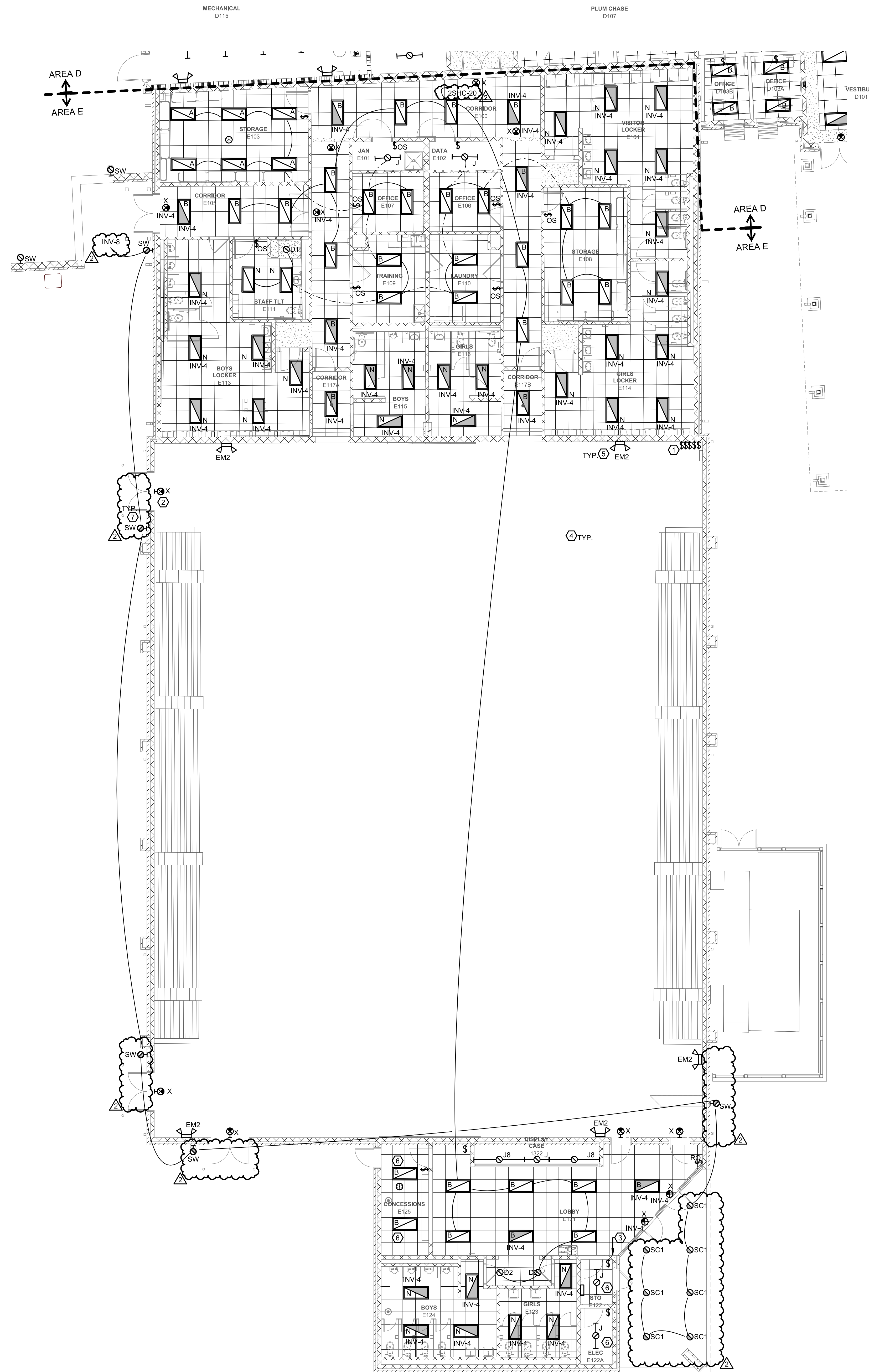
These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2018 by Davis Kane Architects, P.A. All rights reserved.
PA: ROBERT STEVENSON
PM: BK
Drawn By: MEH
Plot Date: 2/7/2025 1:17:33 PM

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
FIRST FLOOR
LIGHTING PLAN
AREA D
E01.04

K
J
H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10

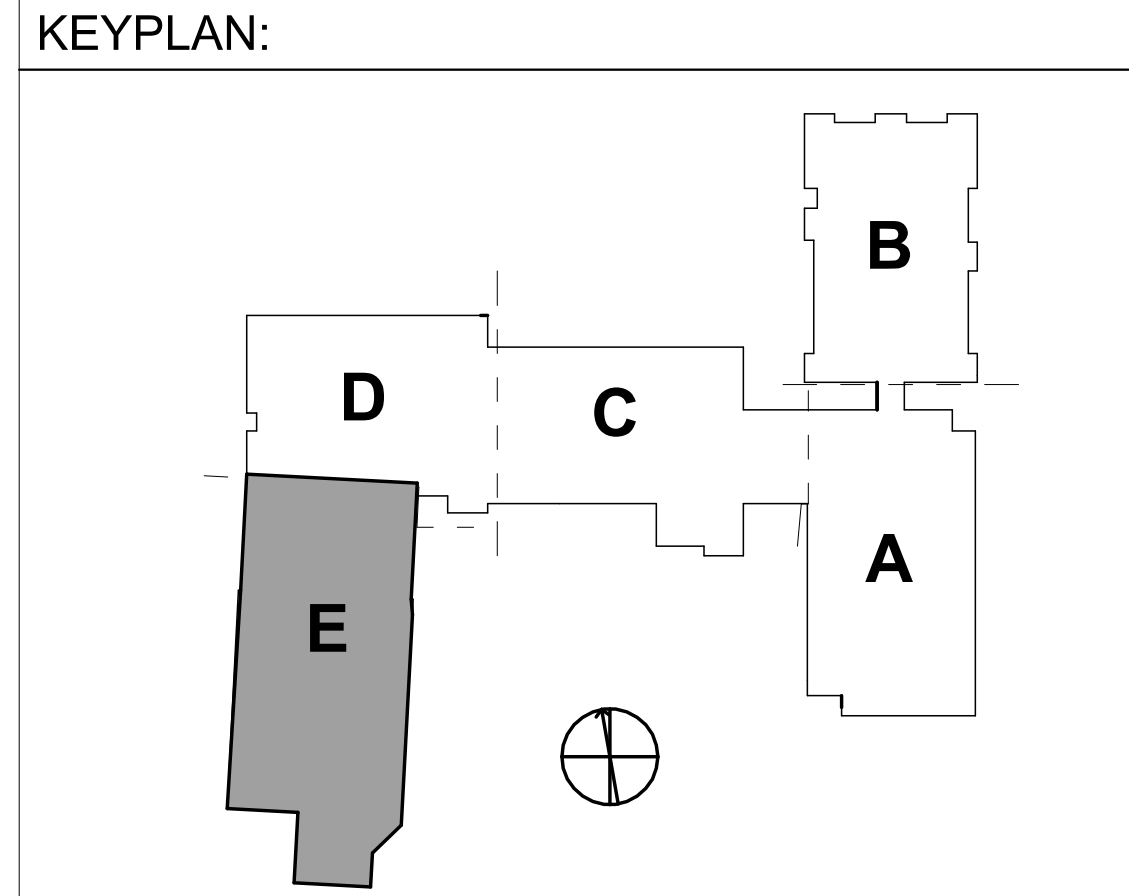


1 FIRST FLOOR LIGHTING PLAN AREA E
Scale: 1/8" = 1'-0"

GENERAL NOTES:
1. REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
2. LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

KEYNOTES:
1. PROVIDE SWITCHES FOR HIGH-BAY LIGHTING CONTROLS IN GYMNASIUM. PROVIDE ONE SWITCH PER EXISTING LIGHTING ZONE. SWITCHES SHALL BE MOUNTED IN ONE JUNCTION BOX. PROVIDE NEW CONDUIT AND WIRING TO ALLOW FOR SWITCHING.
2. PROVIDE WIRE GUARD FOR ALL EXIT SIGNS IN GYMNASIUM.
3. PROVIDE BLANK PLATES OVER DEMOLISHED SWITCHES. INTERCEPT EXISTING CIRCUIT AT NEAREST JUNCTION BOX ABOVE CEILING. INTERCEPT EXISTING CIRCUIT AND TIE INTO NEW EXTERIOR CIRCUIT.
4. EXTEND EXISTING BRANCH CIRCUITS FOR GYMNASIUM LIGHTING FROM DEMOLISHED PANEL TO NEW 'SPE' PANELBOARD.
5. PREOVIDE NEW BRANCH CIRCUIT WIRING AND CONDUIT TO NEW BUG EYES AND EXIT SIGNS IN GYMNASIUM FROM EMERGENCY CIRCUIT USED IN LOCKER ROOMS. REFER TO WIRING DETAIL FOR ADDITIONAL INFORMATION ON WIRING REQUIREMENTS.
6. RECONNECT FIXTURES TO CIRCUIT RETAINED IN DEMOLITION. PROVIDE NEW SWITCH, CONDUCTORS AND CONDUIT DOWNSTREAM OF SWITCH.
7. PROVIDE BLANK PLATES OVER DEMOLISHED WALL PACK LOCATIONS. CORE DRILL THROUGH EXISTING EXTERIOR WALL FOR NEW LIGHTING CIRCUIT. NEW CIRCUIT SHALL BE IN RIGID CONDUIT. PAINT EXPOSED CONDUIT WITHIN GYM TO MATCH EXISTING PAINT COLOR.

WALL RATING LEGEND:
1-HR RATED FIRE BARRIER
2-HR RATED FIRE WALL
2-HR RATED FIRE BARRIER



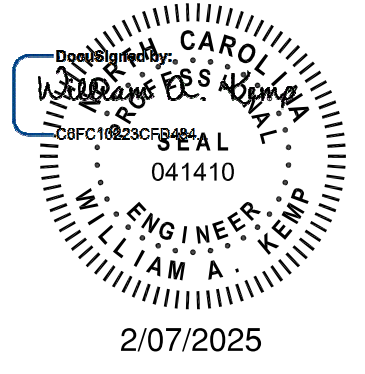
PROJECT INFORMATION
Dewberry
Dewberry Engineers Inc.
505 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.davis-kane.com

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS

2 Addendum #2 02/11/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.
PA: ROBERT STEVENSON
PM: BK
Drawn By: MEH
Plot Date: 2/7/2025 1:17:39 PM

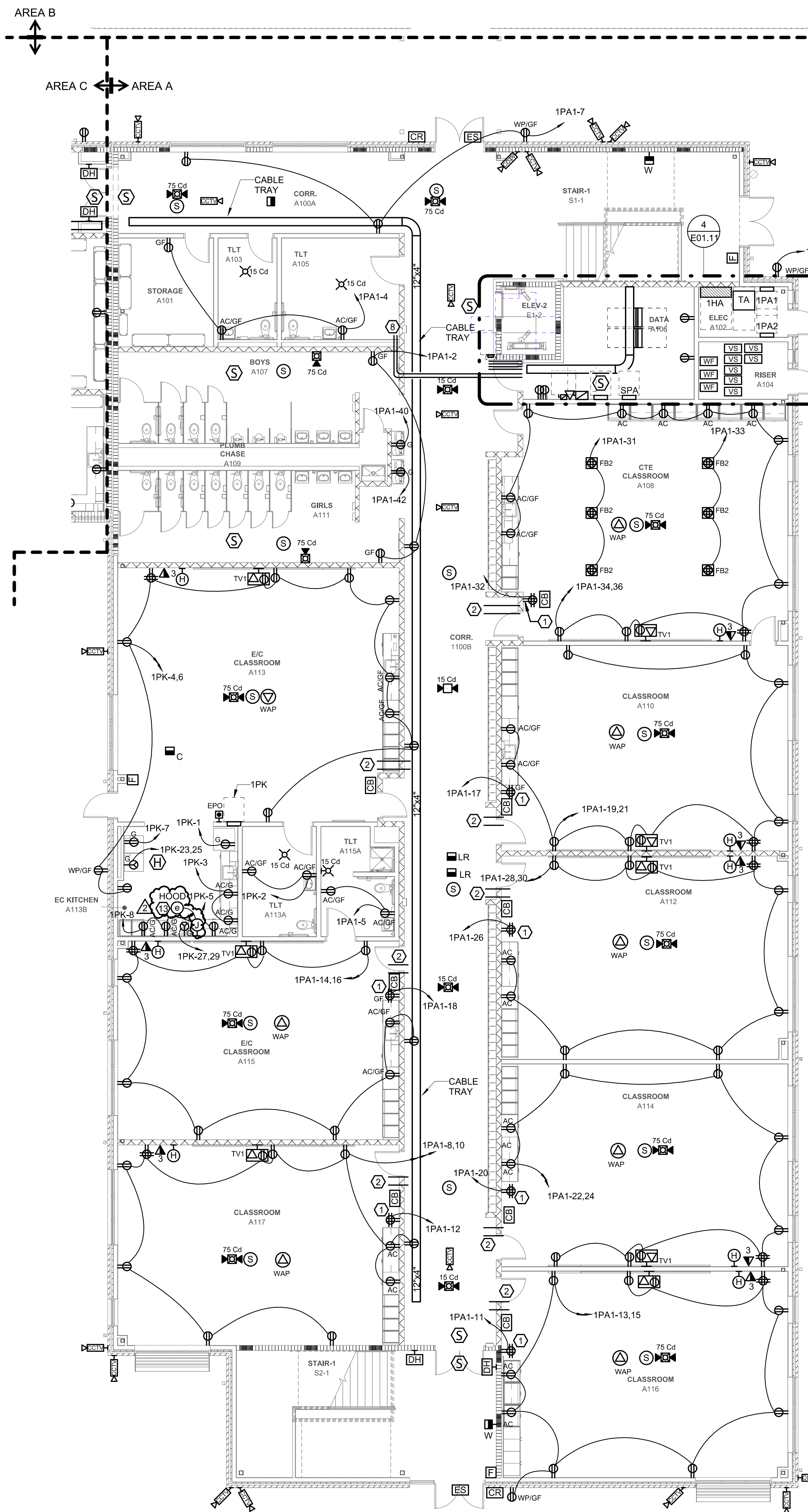
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

FIRST FLOOR
LIGHTING PLAN
AREA E

E01.05



K
J
H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

KEYNOTES:

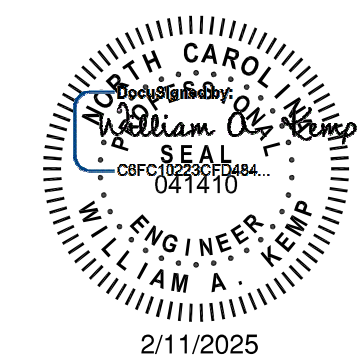


PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

DEWBERRY NUMBER

50171439

REVISIONS

2 Addendum #2 02/11/2025

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission. Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.

PA: ROBERT STEVENSON
PM: BK
Drawn By: MEH
Plot Date: 2/10/2025 1:43:40 PM

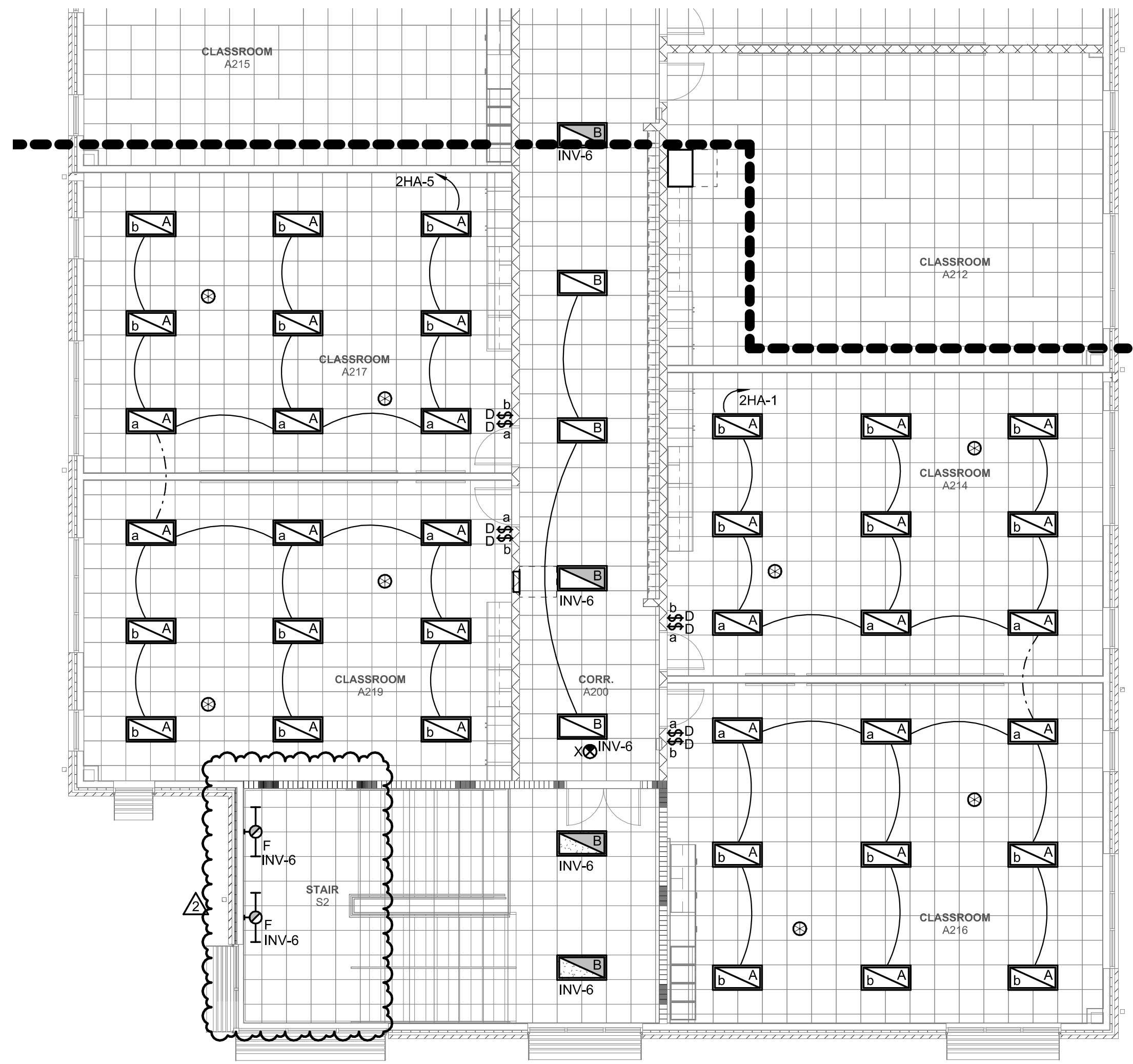
DATE ISSUED

BID DOCUMENTS
01/10/2025

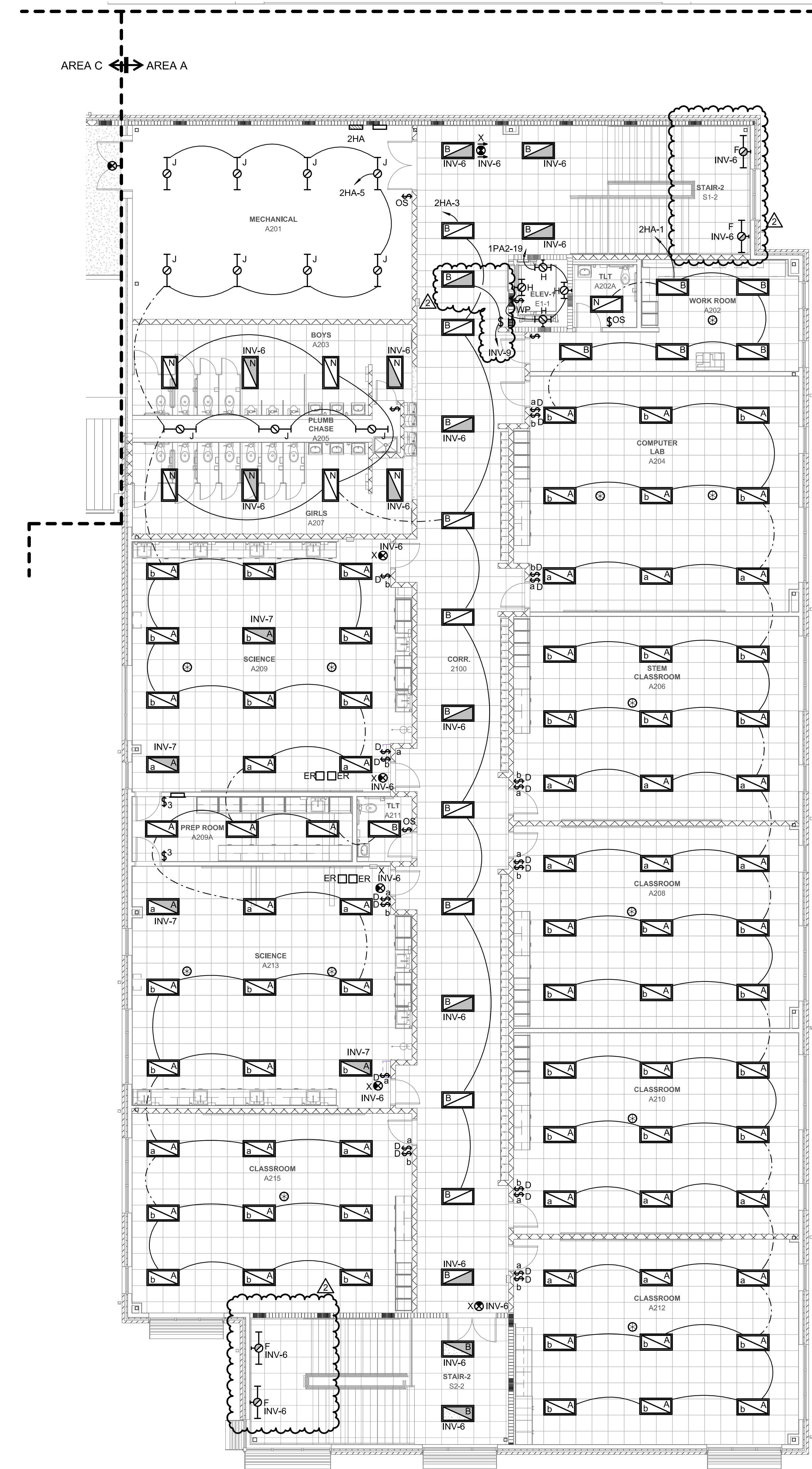
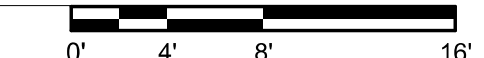
SHEET TITLE

SECOND FLOOR
LIGHTING PLAN
AREA A

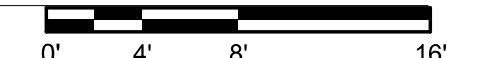
E02.01



1 SECOND FLOOR LIGHTING PLAN AREA A ALTERNATE
Scale: 1/8" = 1'-0"



2 SECOND FLOOR LIGHTING PLAN AREA A
Scale: 1/8" = 1'-0"



GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- REFER TO SHEET E00.04 FOR MECHANICAL EQUIPMENT CONNECTION INFORMATION.

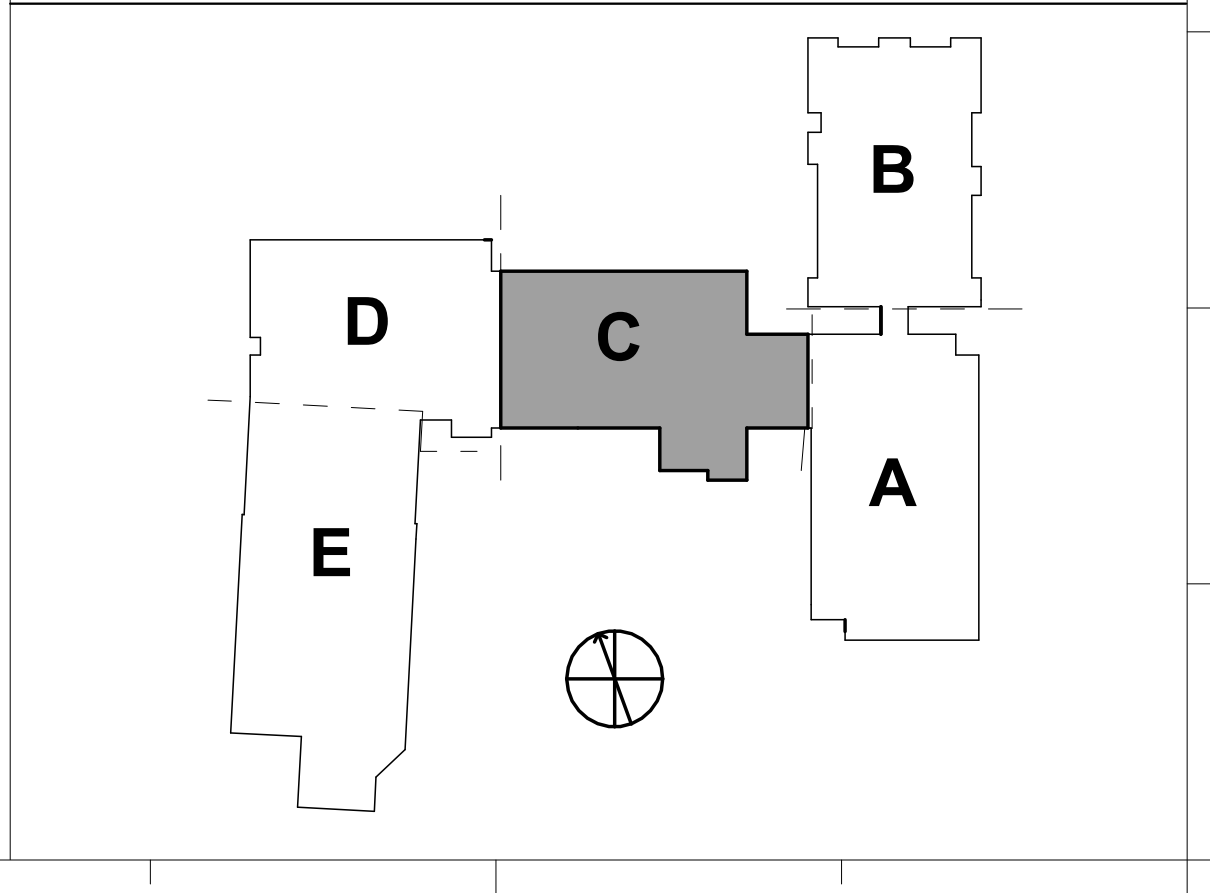
KEYNOTES:

- PROVIDE INTERIOR AND EXTERIOR LIGHTING CONTACTORS. CONTACTORS SHALL HAVE HAND, OFF, AUTO, OR HGA SWITCH. COORDINATE WITH BAS PROVIDER ON CONTROLS FOR CONTACTOR. REFER TO LIGHTING CONTACTOR SCHEDULE FOR ADDITIONAL INFORMATION.
- PROVIDE EMERGENCY RELAY UL924 DEVICES FOR CORRIDOR AND EXTERIOR EMERGENCY LIGHTS. REFER TO EMERGENCY RELAY SCHEDULE FOR QUANTITIES AND CIRCUIT NUMBERS.
- POWER AND DATA FOR BAS CONTROL PANEL. PROVIDE TOGGLE SWITCH FOR 120V. PROVIDE 3/4" C TO MDF ROOM AND BACK BOX AND BLANK COVER PLATE FOR DATA JACK.
- REMOTE TEST SWITCH AND INDICATOR LIGHT IN CORRIDOR BELOW MECHANICAL C200. REFER TO FIRST FLOOR POWER PLAN AREA "C" FOR LOCATION(S).
- PROVIDE 4X8 PLYWOOD BACKBOARD FOR BDA EQUIPMENT. DEDICATED QUAD AND DATA ARE FOR BDA. PROVIDE FIRE ALARM RELAYS FOR BDA MONITORING.

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

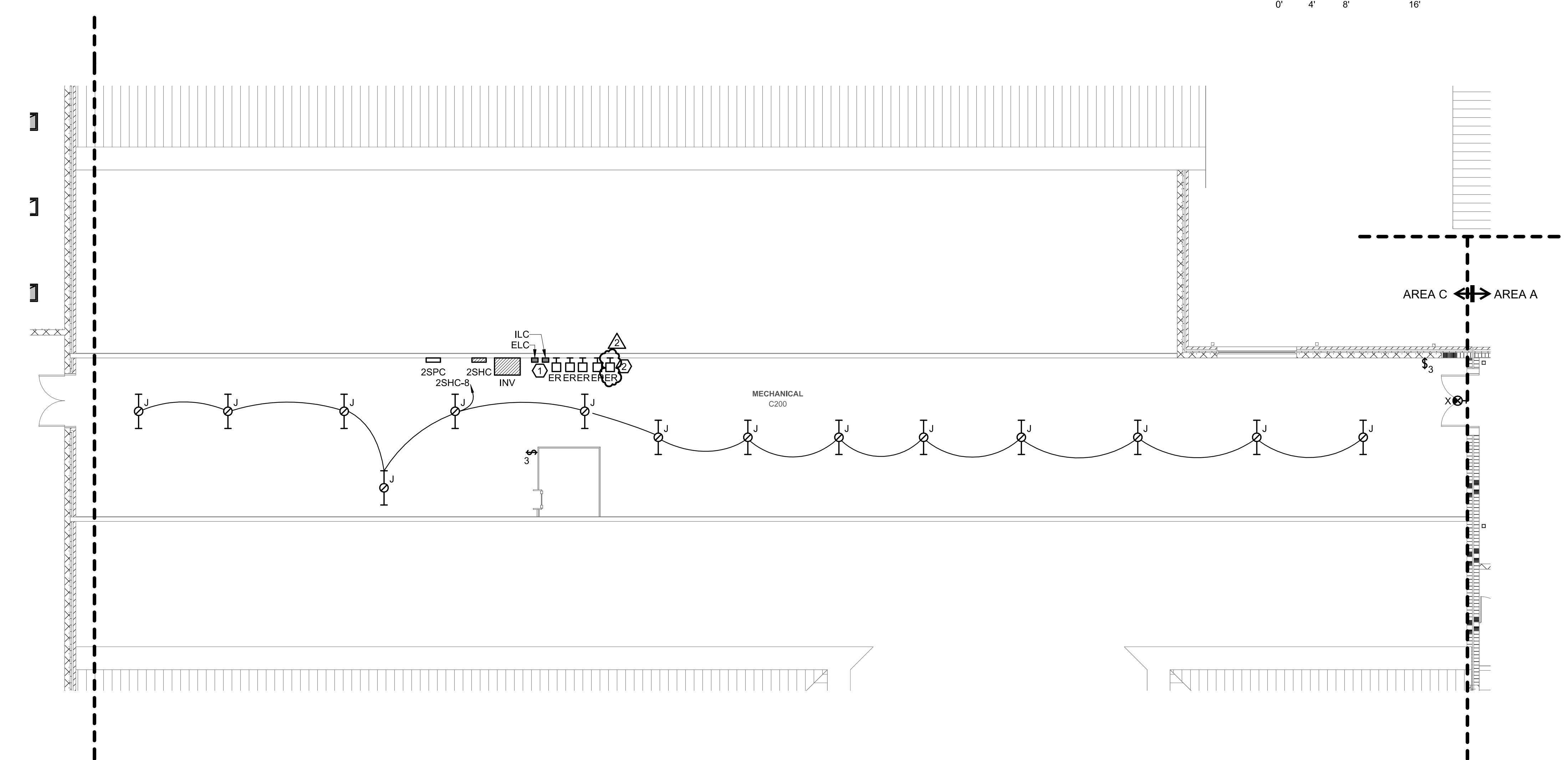
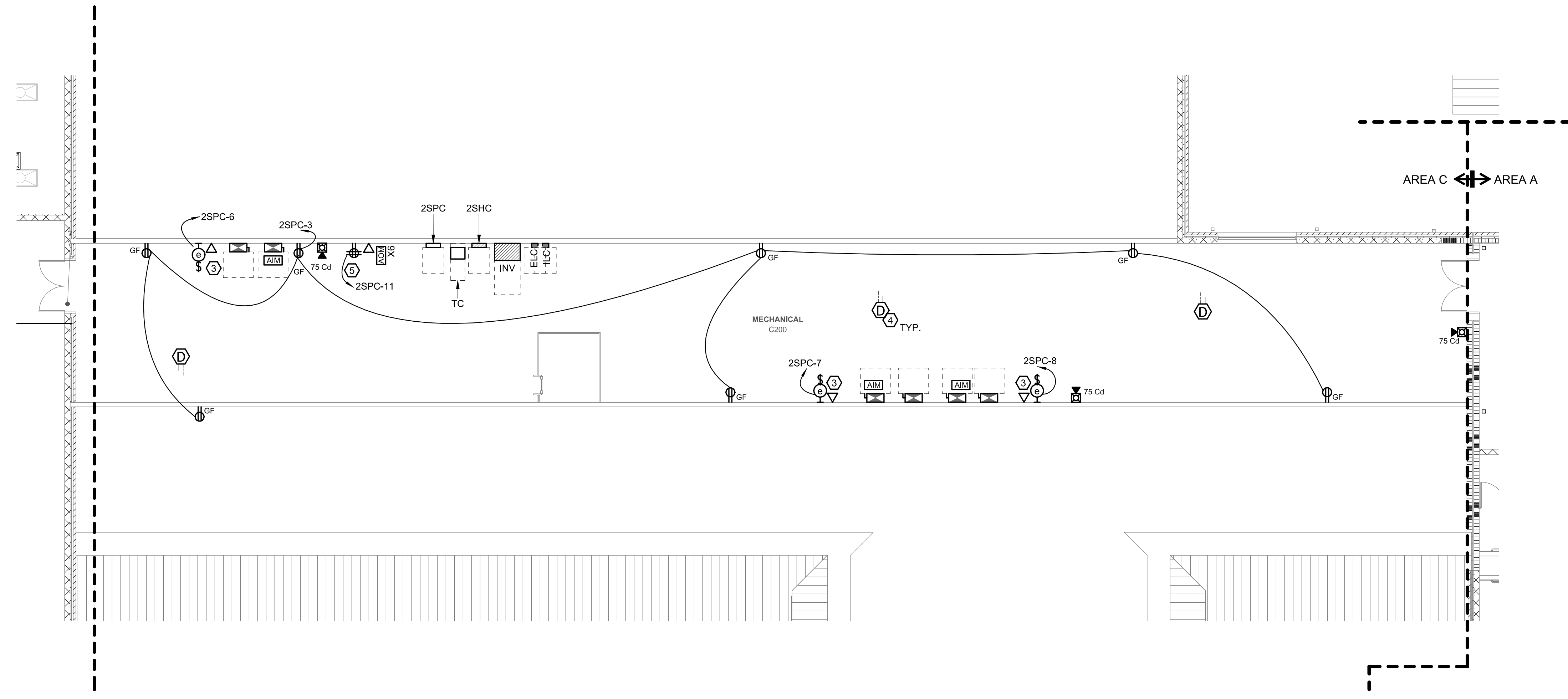
KEYPLAN:



1 SECOND FLOOR POWER & LOW VOLTAGE PLAN AREA C
Scale: 1/8" = 1'-0"



2 SECOND FLOOR LIGHTING PLAN AREA C
Scale: 1/8" = 1'-0"



K

J

H

G

F

E

D

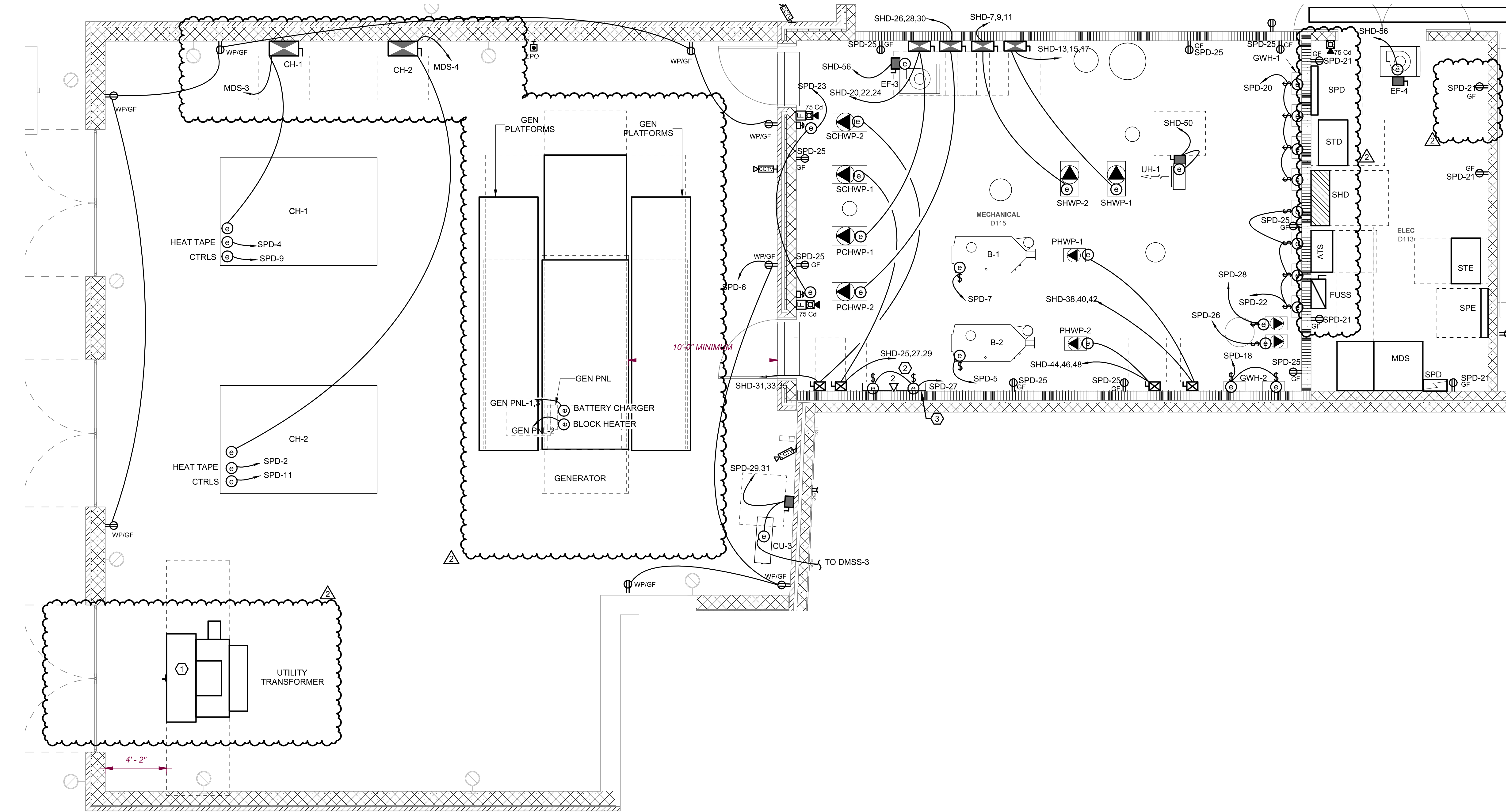
C

B

A

1 ENLARGED MAIN MECHANICAL AND ELECTRICAL ROOM

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

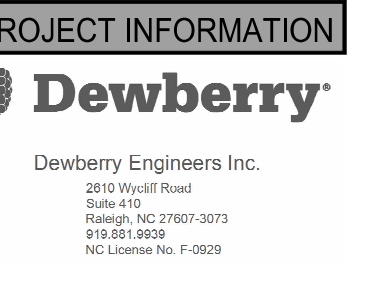


GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

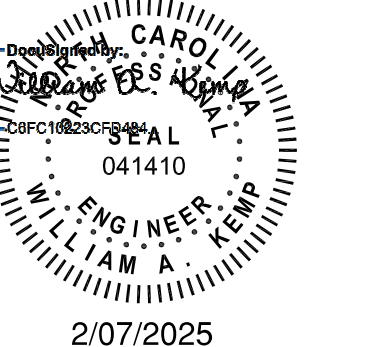
KEYNOTES:

- REFER TO SITE PLAN FOR PRIMARY AND SECONDARY FEEDER ROUTING FOR UTILITY TRANSFORMER BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE TRANSFORMER PAD, COORDINATE WITH DUKE ON FINAL PAD REQUIREMENTS.
- POWER AND DATA FOR BAS CONTROL PANELS. COORDINATE WITH DIVISION 23 ON FINAL ROUGH-IN LOCATIONS AND REQUIREMENTS.
- PROVIDE 1" C WITH PULL STRING FOR LOW VOLTAGE CABLING. PROVIDE CONDUIT FROM UTILITY GAS METER LOCATION TO HW BAS PANEL LOCATED IN MAIN MECHANICAL ROOM. CABLING BY MECHANICAL CONTRACTOR. REFER TO SITE PLAN FOR APPROXIMATE GAS SERVICE ENTRANCE LOCATION.



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION WAYNE COUNTY PUBLIC SCHOOLS

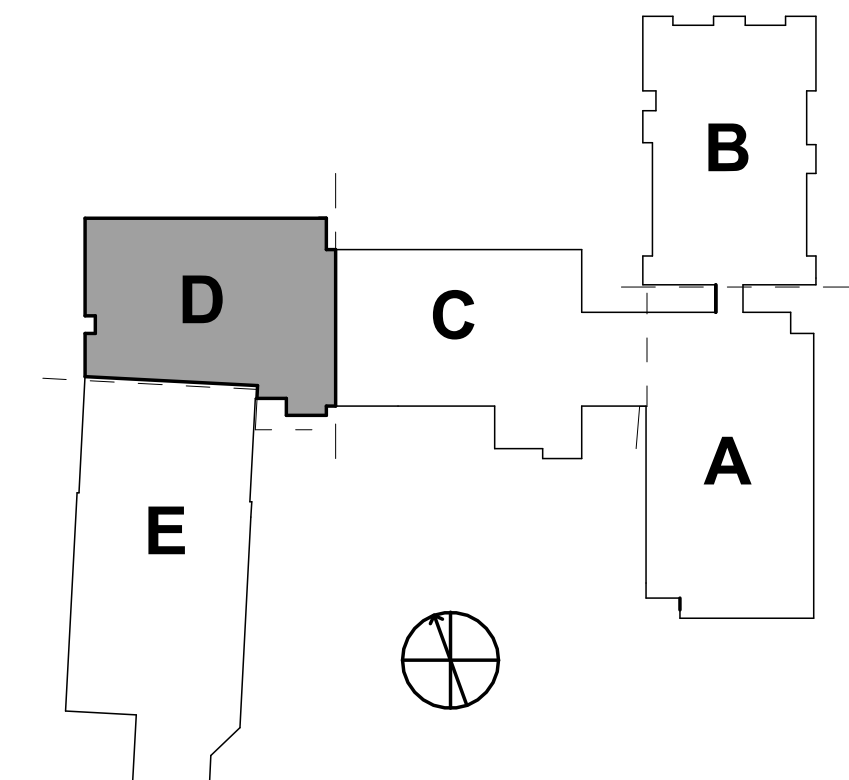
541 North Carolina 581 S. Goldsboro, NC 27530



WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS

- | NO. | DESCRIPTION | DATE |
|-----|-------------|------------|
| 1 | Addendum #1 | 02/03/2025 |
| 2 | Addendum #2 | 02/11/2025 |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2015 by Davis Kane Architects, P.A. All rights reserved.
PA: ROBERT STEVENSON
PM: BK
Drawn By: MEH
Plot Date: 2/7/2025 2:36:23 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

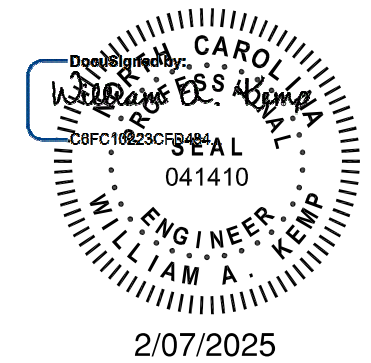
SHEET TITLE
LARGE SCALE
FLOOR PLANS

E04.02

**ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 561 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS

2 Addendum #2 02/11/2025

| NO. | REVISION | DATE |
|-----|----------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

These drawings are the property of Davis Kane Architects, P.A. They may not be used for any purpose without written permission.
Copyright © 2018 by Davis Kane Architects, P.A. All rights reserved.

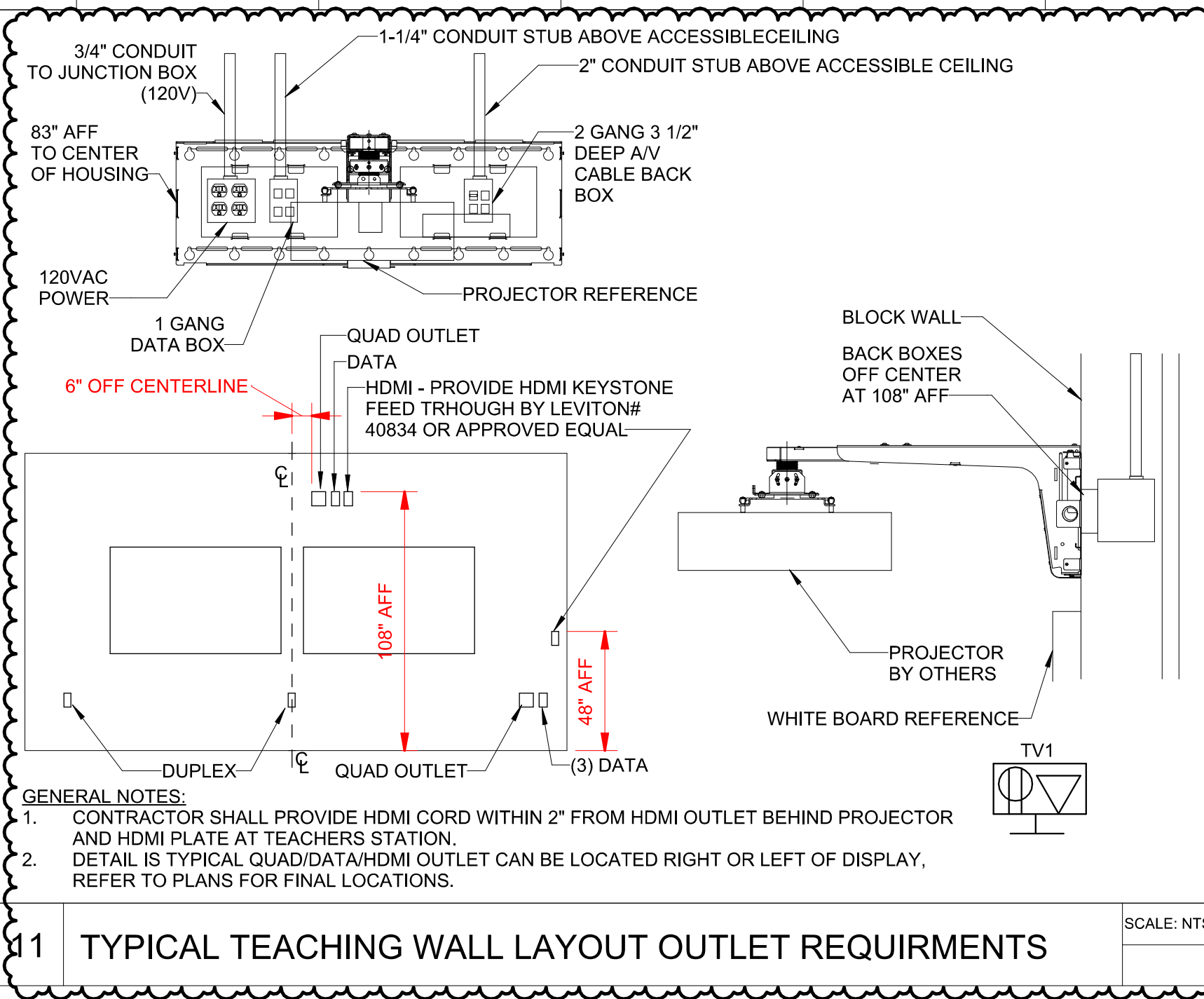
PA: ROBERT STEVENSON
PM: BK
Drawn By: MEH
Plot Date: 2/7/2025 1:18:06 PM

DATE ISSUED

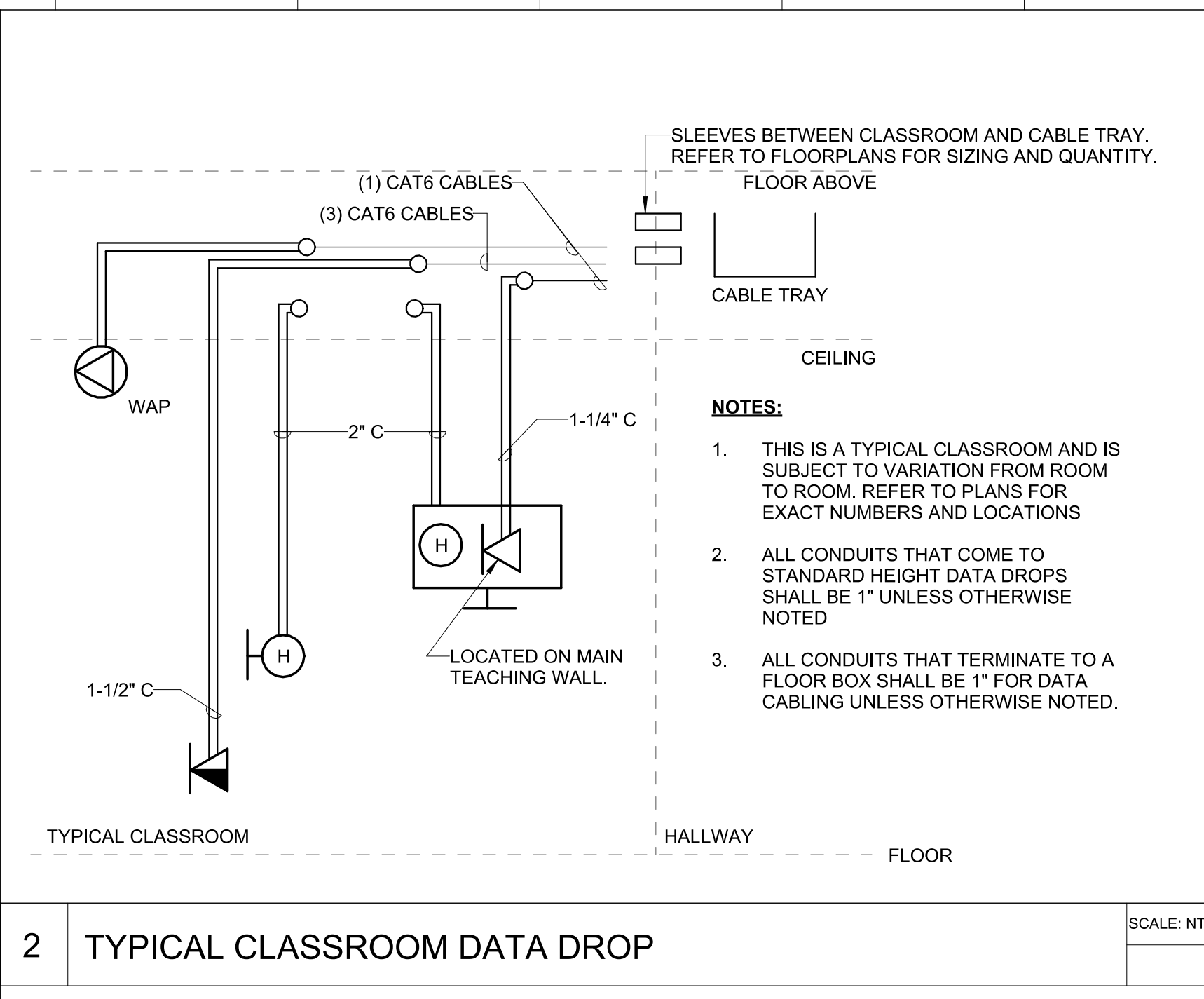
BID DOCUMENTS
01/10/2025

SHEET TITLE
DETAILS

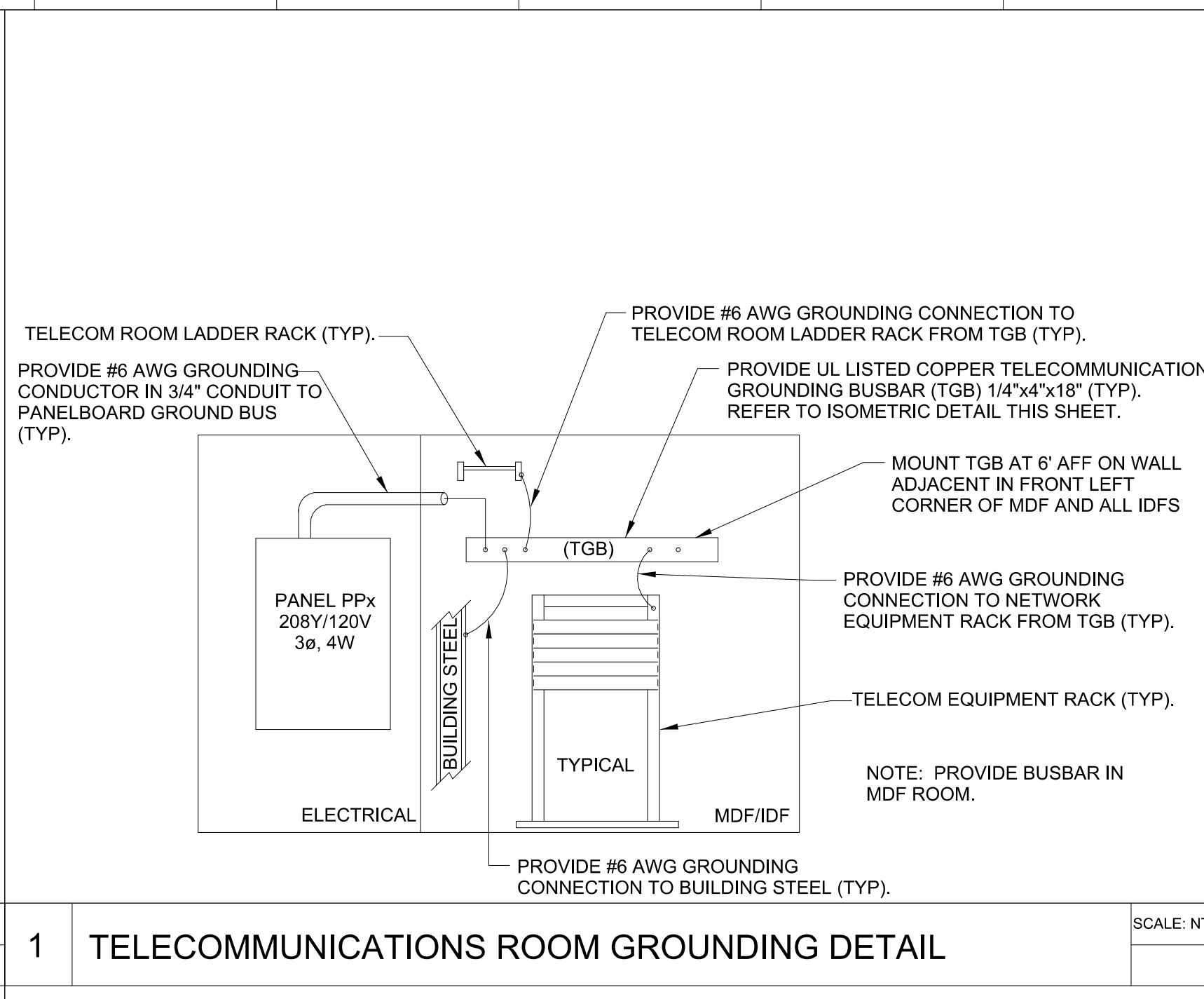
E05.03



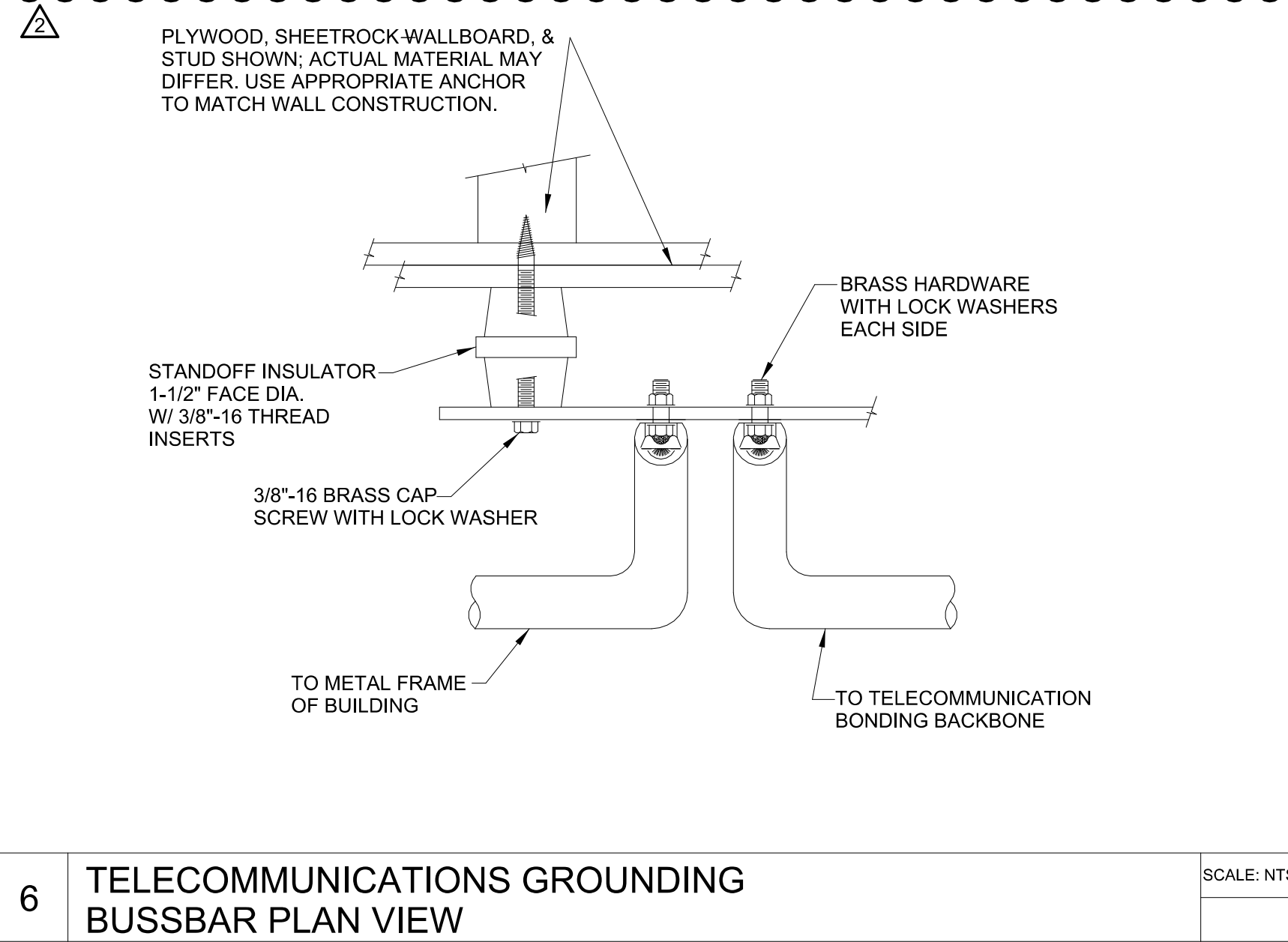
11 TYPICAL TEACHING WALL LAYOUT OUTLET REQUIREMENTS



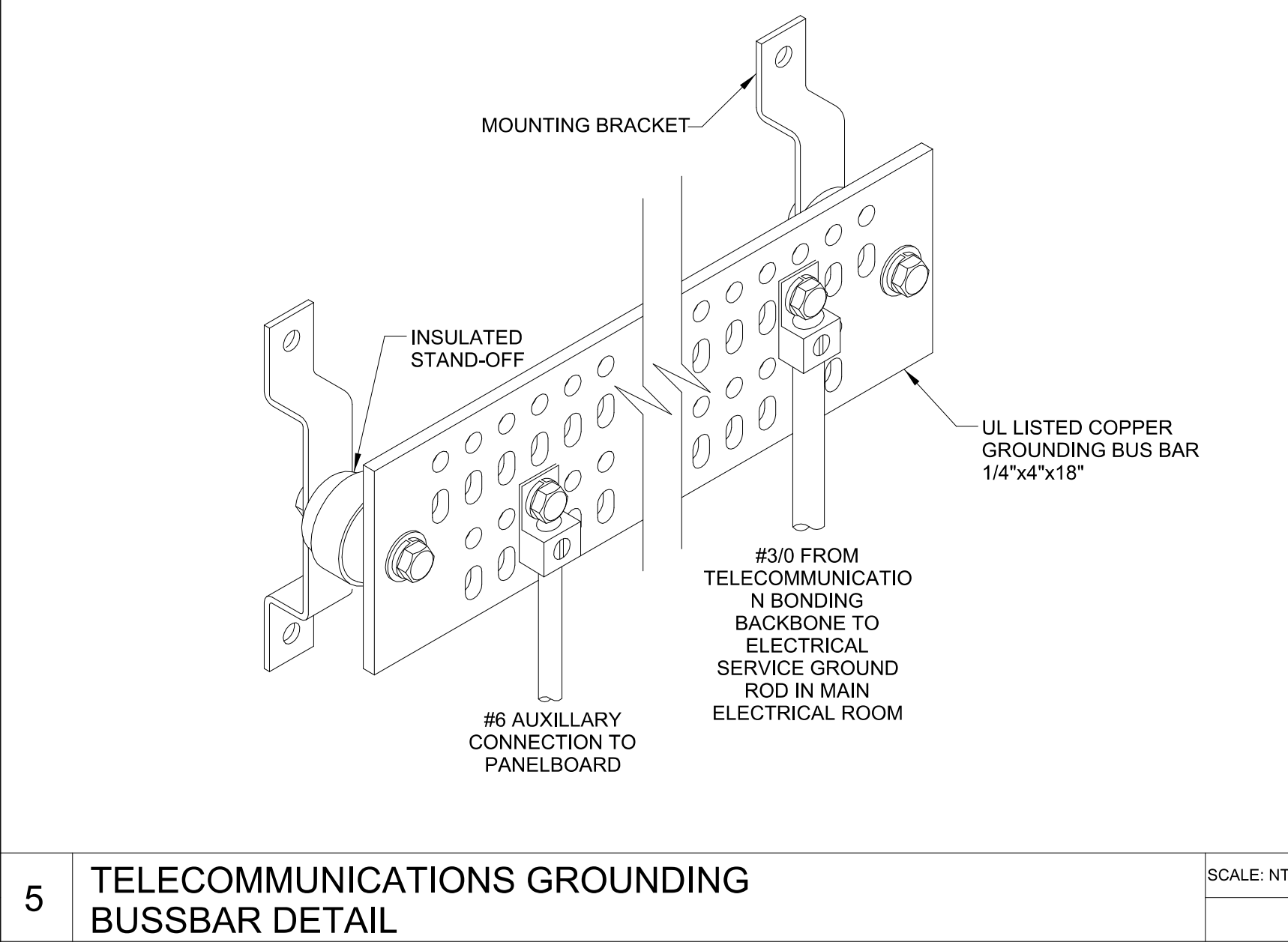
2 TYPICAL CLASSROOM DATA DROP



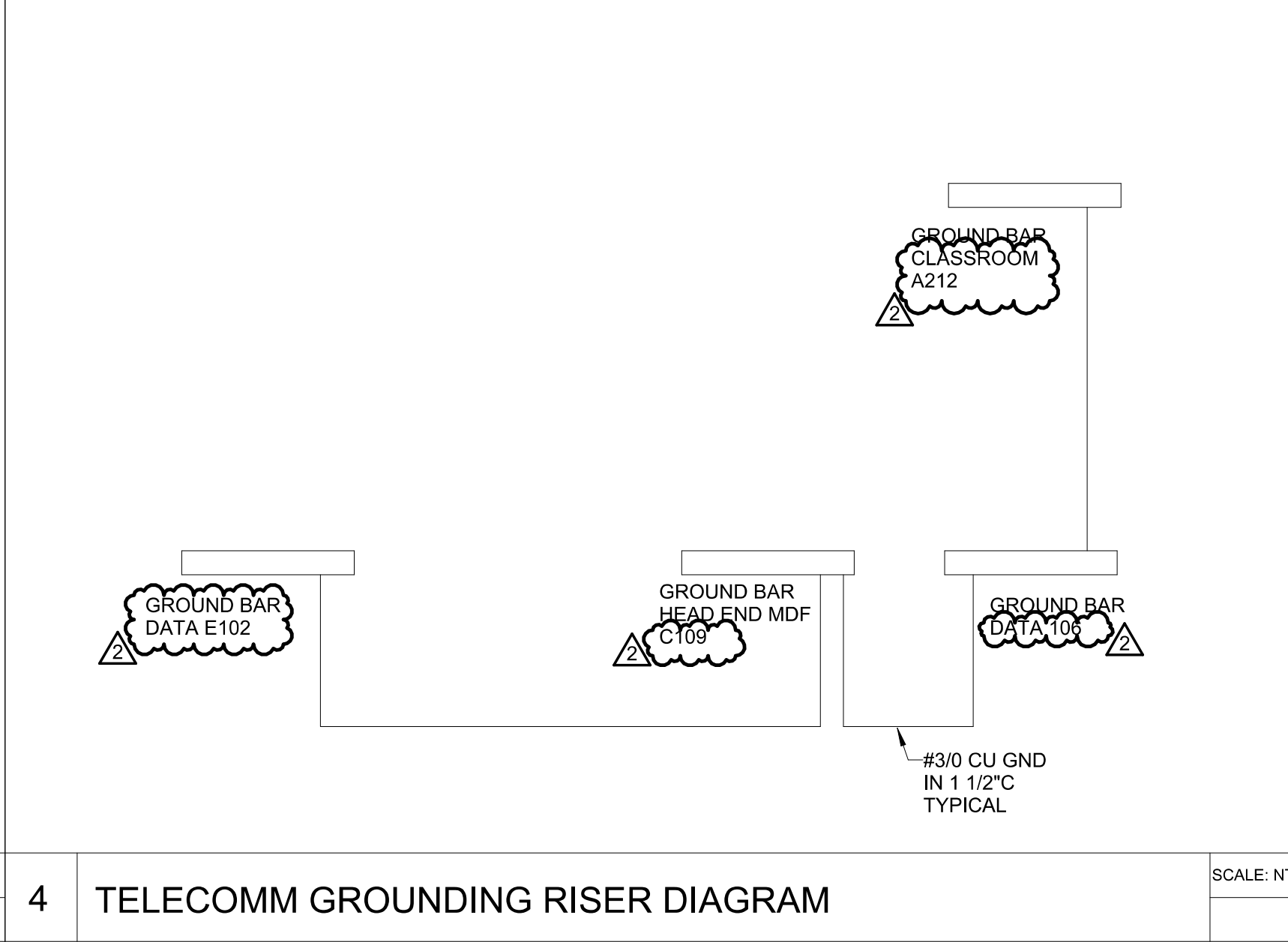
1 TELECOMMUNICATIONS ROOM GROUNDING DETAIL



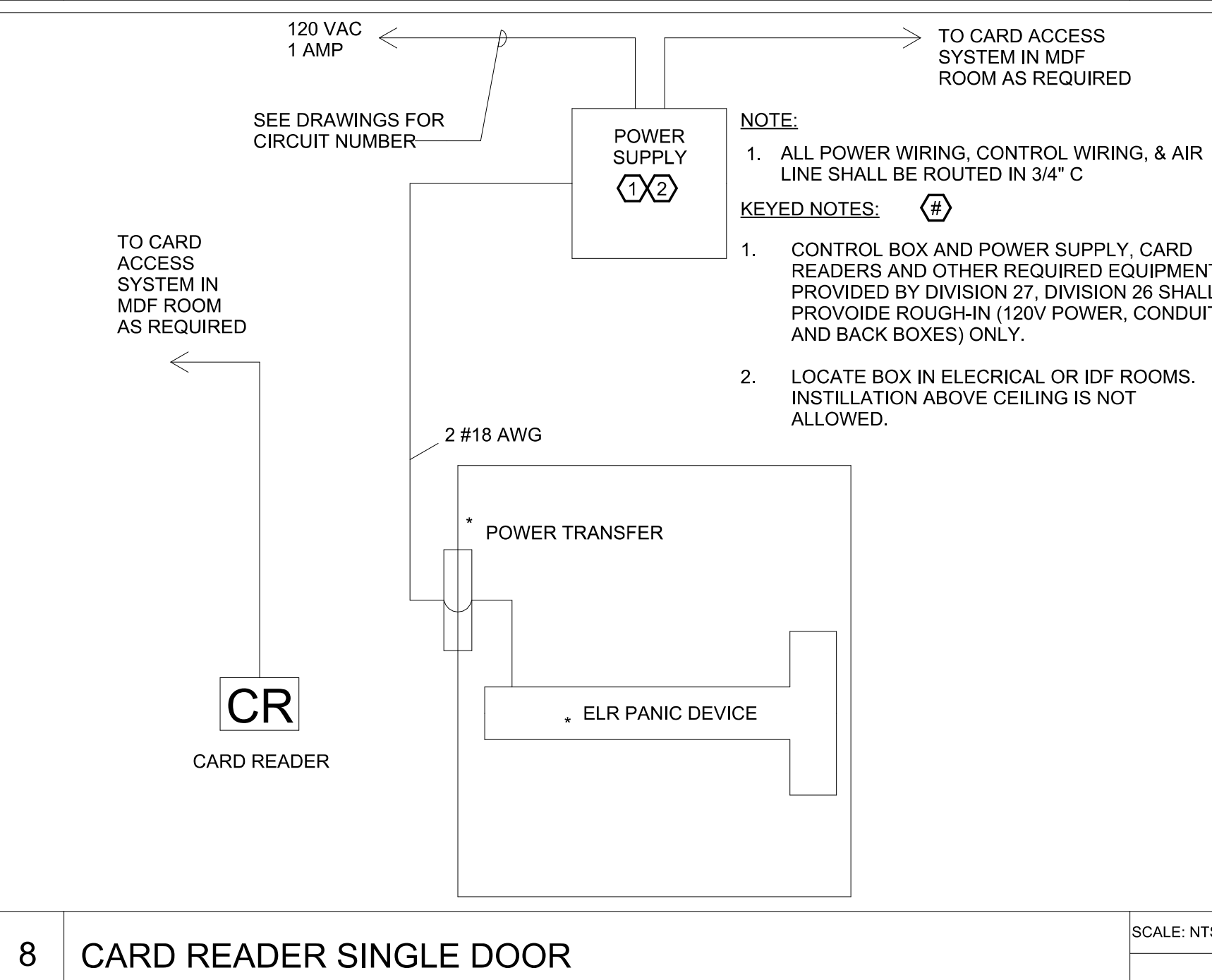
6 TELECOMMUNICATIONS GROUNDING BUSSBAR PLAN VIEW



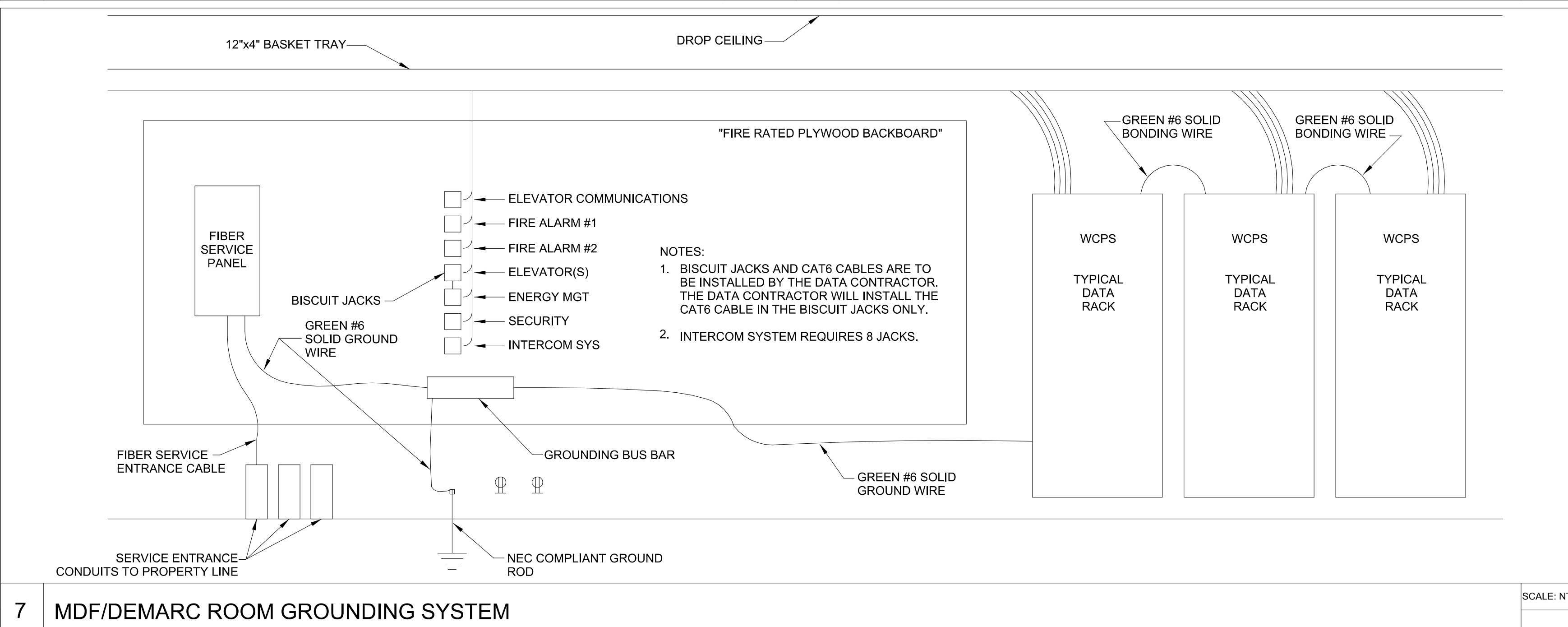
5 TELECOMMUNICATIONS GROUNDING BUSSBAR DETAIL



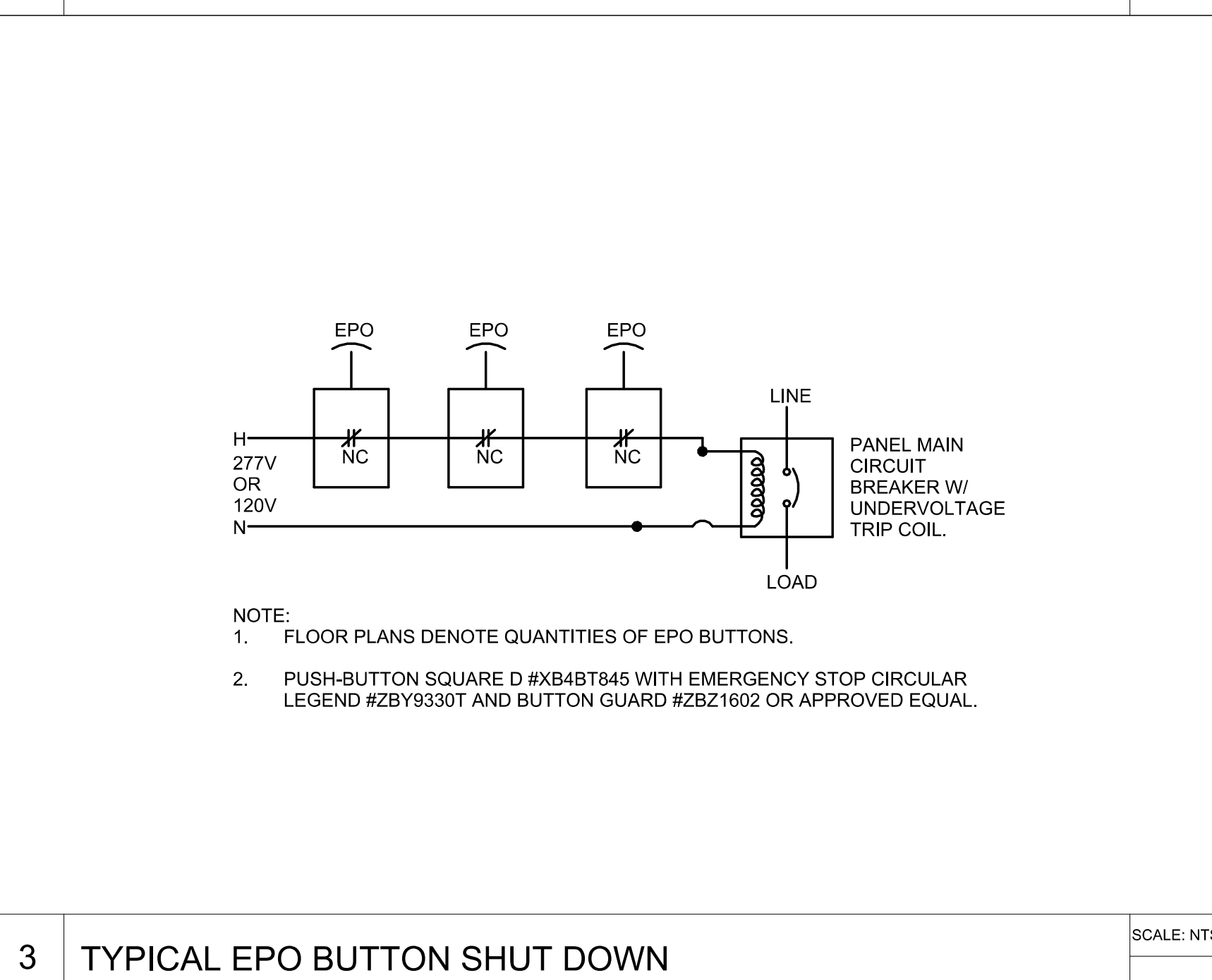
4 TELECOMM GROUNDING RISER DIAGRAM



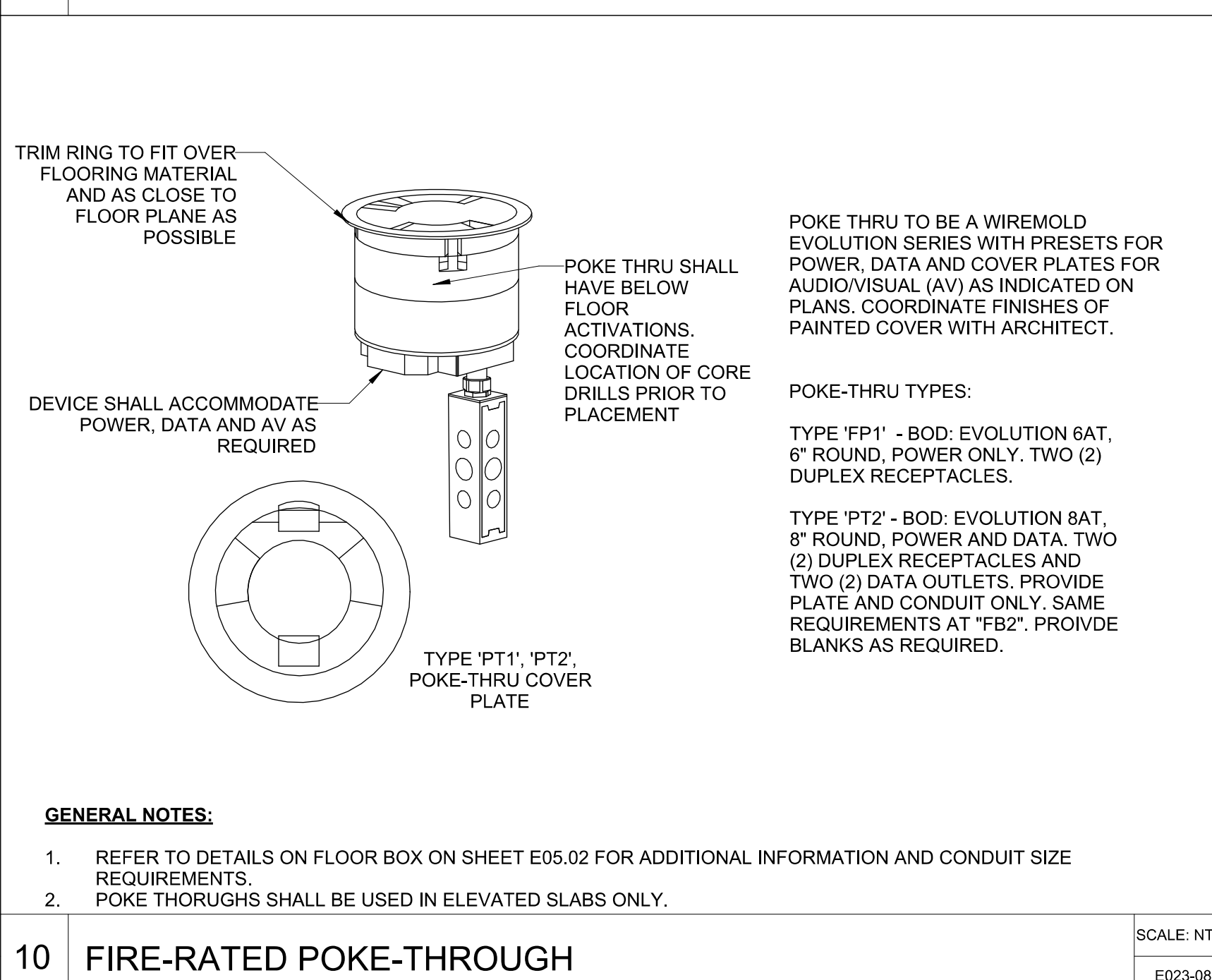
8 CARD READER SINGLE DOOR



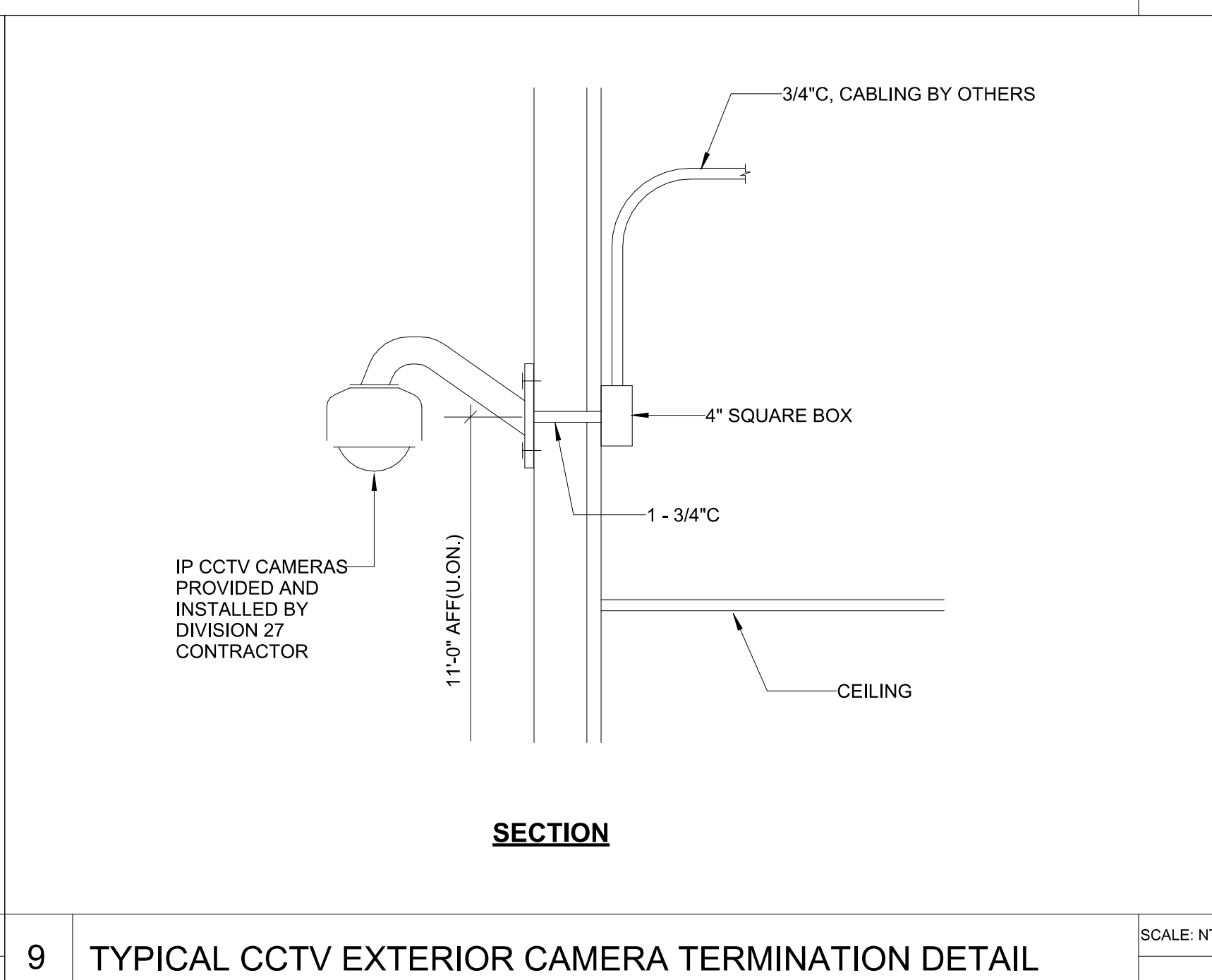
7 MDF/DEMARC ROOM GROUNDING SYSTEM



3 TYPICAL EPO BUTTON SHUT DOWN



10 FIRE-RATED POKE-THROUGH



9 TYPICAL CCTV EXTERIOR CAMERA TERMINATION DETAIL

| PANEL: INV | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|---|---------------|------|----------------------------|---------|------------------------|-------------------------|------|------------------------------|-------|----|
| LOCATION: MECHANICAL C200 | | | | | | VOLTS: 480Y/277V 3PH | | | MAINS TYPE: MCB | | | | |
| SUPPLY FROM: 2SHC | | | | | | PHASES: 3 | | | BREAKER RATING: 40 A | | | | |
| MOUNTING: FLOOR | | | | | | WIRES: 4 | | | BUS RATING: 100 A | | | | |
| ENCLOSURE: Type 1 | | | | | | SE RATED: NO | | | NEUTRAL RATING: 100.00% | | | | |
| CALCULATED Isc: | | | | | | MINIMUM KAIC: 42 | | | | | | | |
| CKT | LOAD SERVED | CB | P | * | A | B | C | * | P | CB | LOAD SERVED | CKT | |
| 1 | LTS: CORR. A, C, D | 20 A | 1 | | 1713 | 1911 | | | 1 | 20 A | LTS: EXTERIOR WALL PACKS | 2 | |
| 3 | LTS: E/C CLASSROOM A113 | 20 A | 1 | | | 92 | 1654 | | 1 | 20 A | LTS: LOCKER CORRIDOR E100 | 4 | |
| 5 | LTS: KITCHEN/DINE/MEDIA/BAND | 20 A | 1 | | | | 1324 | 792 | 1 | 20 A | LTS: FLR 2 AREA A CORR. 2100 | 6 | |
| 7 | LTS: SCIENCE A213, A209 | 20 A | 1 | | 184 | 469 | | | 1 | 20 A | LTS: EXTERIOR E | 8 | |
| 9 | LT: ELEV LOBBY CORR. 2100 | 20 A | 1 | | | | 31 | 0 | -- | 1 | 20 A | SPARE | 10 |
| 11 | SPARE | 20 A | 1 | -- | | | | 0 | | | | | 12 |
| CONNECTED LOAD: | | | | | | 27.7 VA | 47.9 VA | 61.9 VA | | | | | |
| CONNECTED AMPS: | | | | | | 16 A | 6 A | 8 A | | | | | |
| DEMAND AMPS: | | | | | | 20 A | 8 A | 10 A | | | | | |
| BREAKER NOTES: | | | | | | PANEL NOTES: | | | | | | | |
| * INDICATES BREAKER TYPE: 1 =GFCI (8mA), 2= GECC (30mA/100mA), 3=SHUNT TRIP, 4=AFCL, 5=SUBFEED BREAKER, 6=L, 7=LSI, 8=LSIG, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER. | | | | | | PROVIDE A 12.5KVA INVERTER | | | | | | | |
| LOAD CLASSIFICATION | | CONNECTED LOAD | | Demand Factor | | ESTIMATED DEMAND | | PANEL TOTALS | | | | | |
| Lighting | | 5935 VA | | 125.00% | | 7419 VA | | TOTAL LOAD: 6169 VA | | | | | |
| Other | | 50 VA | | 100.00% | | 50 VA | | DEMAND FACTOR: 124.85% | | | | | |
| Lighting - Exterior | | 2184 VA | | 125.00% | | 2730 VA | | DEMAND LOAD: 10199 VA | | | | | |
| | | | | | | | | DEMAND AMPS: 12 A | | | | | |

| LIGHTING CONTACTOR SCHEDULE | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|---------|--------|------|
| NAME | LOCATION CONTROLLED | CIRCUIT DESCRIPTION | VOLTAGE | POLES | AMPS |
| ILC | 1. LTS CORRIDOR - AREA A/B/C (1000) 2. LTS CORRIDOR/LOBBY - AREA E | 2SHC-20 (INV-4) SPARE | 277 | 3-POLE | 40A |
| ELC | 1. LTS EXTERIOR 2. LTS EXTERIOR E 3. SPARE | 2SHC-02 (INV-1) SPARE 2SHC-18 (INV-4) SPARE | 277 | 3-POLE | 40A |
| GENERAL NOTES: 1) CONTRACTOR SHALL PROVIDE BAS RELAY CONNECTION FOR EACH CONTACTOR TO CONTROL LIGHTS. REFER TO INTERIOR AND EXTERIOR LIGHTING CONTROL DETAILS FOR ADDITIONAL INFORMATION. 2) PROVIDE AN HOA (HAND OFF AUTO) SWITCH FOR ALL CONTACTORS | | | | | |

| Lighting Device Schedule - Emergency Relay | | | | |
|--------------------------------------------|----------------|-------------------|------------------|-------------|
| Name | Normal Circuit | Emergency Circuit | Room Name | Room Number |
| ER-01 | 1HA-3 | INV-3 | E/C CLASSROOM | A113 |
| ER-02 | 1HA-3 | INV-3 | E/C CLASSROOM | A113 |
| ER-03 | 2SHC-10 | INV-1 | MECHANICAL | C200 |
| ER-04 | 2SHC-2 | INV-2 | MECHANICAL | C200 |
| ER-05 | 2SHC-20 | INV-4 | MECHANICAL | C200 |
| ER-06 | 2SHC-4 | INV-5 | MEDIA CENTER | C129 |
| ER-07 | 2SHC-4 | INV-5 | MEDIA CENTER | C129 |
| ER-08 | 2SHC-4 | INV-5 | MEDIA CENTER | C129 |
| ER-09 | 2SHC-4 | INV-5 | MEDIA CENTER | C129 |
| ER-10 | 2SHC-6 | INV-5 | ART | C108 |
| ER-11 | 2SHC-6 | INV-5 | ART | C108 |
| ER-12 | 2SHC-6 | INV-5 | MUSIC | C106 |
| ER-13 | 2SHC-6 | INV-5 | MUSIC | C106 |
| ER-14 | 2SHC-6 | INV-5 | BAND | C104 |
| ER-15 | 2SHC-6 | INV-5 | BAND | C104 |
| ER-16 | SHD-37 | INV-5 | STUDENT SERVICES | D103 |
| ER-17 | SHD-37 | INV-5 | DINING | D104 |
| ER-18 | SHD-37 | INV-5 | DINING | D104 |
| ER-19 | SHD-37 | INV-5 | DINING | D104 |
| ER-20 | SHD-37 | INV-5 | DINING | D104 |
| ER-21 | SHD-37 | INV-5 | DINING | D104 |
| ER-22 | SHD-43 | INV-5 | SERVING | D106 |
| ER-23 | SHD-43 | INV-5 | SERVING | D106 |
| ER-24 | SHD-43 | INV-5 | KITCHEN | D118 |
| ER-25 | SHD-43 | INV-5 | KITCHEN | D118 |
| ER-26 | 2HA-5 | INV-7 | SCIENCE | A209 |
| ER-27 | 2HA-5 | INV-7 | SCIENCE | A209 |
| ER-28 | 2HA-5 | INV-7 | SCIENCE | A213 |
| ER-29 | 2HA-5 | INV-7 | SCIENCE | A213 |
| ER-30 | 2HA-3 | INV-5 | MECHANICAL | C200 |
| ER-40 | 2SHC-18 | INV-8 | MECHANICAL | C200 |

| LUMINAIRE SCHEDULE | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------|--------|-------|--------|----------------------|---------------|-------|-------|
| TYPE | DESCRIPTION | MANUFACTURER & MODEL NUMBER | MOUNTING | SIZE | LIGHT SOURCE | | | DRIVER | VOLTAGE | SYSTEM | WATTS | NOTES |
| | | | | | TYPE | LUMENS | COLOR | CRI | | | | |
| A | 2X4 LED RECESSED FLAT PANEL, 0-10V DIMMING, DIFFUSED SMOOTH FLAT SPAL LENS, INTEGRAL DRIVER & POWER SUPPLY ACCESSIBLE FROM BELOW, EXTRUDED ALUMINUM FRAME WITH DIE FORE GALVANIZED STEEL HOUSING | METALUXWQ4CGT5-L3C3 DAY-BRITE RPTZ-LS-840-ADS-UNV-DM LITHONIA REPAL-2X4-400LM-80CRI-40K-MIN10-2T-MVOLT | RECESSED | 23-3/4" WIDE 47-3/4" LONG 3" DEEP | LED | 5957 | 4000K | 80 | 0-10V DIMMING TO 10% | 120V/277 | 46 | 1 |
| B | 2X4 LED RECESSED FLAT PANEL, 0-10V DIMMING, DIFFUSED SMOOTH FLAT SPAL LENS, INTEGRAL DRIVER & POWER SUPPLY ACCESSIBLE FROM BELOW, EXTRUDED ALUMINUM FRAME WITH DIE FORE GALVANIZED STEEL HOUSING | METALUXWQ4CGT5-L3C3 DAY-BRITE RPTZ-LS-840-ADS-UNV-DM LITHONIA REPAL-2X4-400LM-80CRI-40K-MIN10-2T-MVOLT | RECESSED | 23-3/4" WIDE 47-3/4" LONG 3-1/4" DEEP | LED | 3993 | 4000K | 80 | 0-10V DIMMING TO 10% | 120V/277 | 30.7 | 1 |
| D1 | 4" DOWNLIGHT, 0-10V DIMMING TO 1%, REGRESSED LENS, ANTI-GRAFFITI FINISH, NON-CONDUCTIVE DEAD-FRONT TRIM, LIGHT ENGINE AND DRIVER ACCESSIBLE FROM BELOW, SHOWER LIGHT FIXTURE WET LOCATION RATED | PORTQUOWDAC-20-20-40-2019-AP-3-AMV LIGHTOLIERPAR-N-PR-8L-20-04G-CC-WHAMF-Z10-UJ GOTHAMMEVQVH-4010-40LSSMMW-MVOLT-1GZ1 | RECESSED | 4.41" DIA. 4.2" H | LED | 1684 | 4000K | 90 | 0-10V DIMMING TO 10% | 120V/277 | 20 | |
| D2 | 4" OPEN LED DOWNLIGHT, 0-10V DIMMING TO 10%, SELF-FLAMING, CLEAR REFLECTOR AND FLANGE, SEMI-SECULAR FINISH, MEDIUM WIDE DISTRIBUTION, LENSED LIGHT ENGINE, DRIVER ACCESSIBLE FROM BELOW | HALO COMMERCIAL/H4C-10-D015-HM-02S-840-41-MD-H LIGHTOLIERPAR-N-PR-8L-10-04G-W-ZL-Z1-UJ GOTHAMMEVQVH-4010-40LSSMMW-MVOLT-1GZ1 | RECESSED | 4.41" DIA. 4.2" H | LED | 1131 | 4000K | 80 | 0-10V DIMMING TO 10% | 120V/277 | 10.4 | |
| EM | EMERGENCY LIGHTING UNIT, LOW PROFILE, AIMABLE OPTICS, NICKEL CHROMIUM BATTERY, SELF-DIAGNOSTICS, OPERATING RANGE: 10°C - 40°C, UL LISTED FOR DAMP LOCATIONS | SURE-LITES/PAEL-4-2 MILEPSA-LED-W-50-HL LITHONIA/ME/LM/L | WALL MOUNT AT 96" AFF | 9.72" WIDE 4.56" TALL 3.10" DEEP | LED | 220 | 4000K | 80 | ON / OFF | 120V/277 | 2.4 | N/A |
| F | 4" LED WALL BRACKET, 0-10V DIMMING, WRAPAROUND LIGHT, PRISMATIC POLYCARBONATE LENS (1/2" THICK, FROSTED), FULLY GASKETED, STAINLESS STEEL TORX SCREWS, WHITE FINISH | METALUXWQ4CGT5-L3C3-UNV (LOW, 4000K) DAY-BRITE RPTZ-LS-840-ADS-UNV-DM LITHONIA REPAL-2X4-400LM-80CRI-40K-MIN10-2T-MVOLT | WALL MOUNT AT 96" AFF | 4.75" LONG 7.00" TALL, 2.30" DEEP | LED | 4180 | 4000K | 80 | 0-10V DIMMING TO 10% | 120V/277 | 34.3 | N/A |
| H | 2" LED INDUSTRIAL, IMPORTITE, CONTINUOUS NEMA 4X GASKETING, FIBERGLASS HOUSING, WET LOCATION, LOW PROFILE FROSTED, ACRYLIC LENS, 1795 & 1796 RATED, NEMA 4X RATED | METALUXWQ4CGT5-L3C3-UNV (LOW, 4000K) CHLOROFLEX/2-1SL-44S-UNV-DNA-LFA LITHONIA REPAL-2X4-400LM-80CRI-40K-MIN10-2T-MVOLT | WALL MOUNT AT 24" AFF OFF FRT TO BOTTOM OF FIXTURE | 2" LONG WIDE 4.2" | LED | 3334 | 4000K | 80 | 0-10V DIMMING TO 10% | 120 | 24 | 4 |
| J | 4" LED STRIPLIGHT WITH WIREGUARD, 80 CRI, INTEGRAL HIGH EFFICIENCY DRIVER & POWER SUPPLY, WIREGUARD, SNAP ON FROSTED DIFFUSE LENS, WHITE FINISH, HANGER CHAINS | METALUXWQ4CGT5-L3C3-UNV (LOW, 4000K) DAY-BRITE RPTZ-LS-840-ADS-UNV-DM LITHONIA REPAL-2X4-400LM-80CRI-40K-MIN10-2T-MVOLT | SUSPEND AT 10" AFF TO BOTTOM OR SURFACE MOUNT WHERE CEILING IS LOWER | 3" WIDE 48" LONG 3-1/2" HIGH | LED | 4134 | 4000K | 80 | 0-10V DIMMING | 120V/277 | 38 | N/A |
| Substitution of Equivalent Products: Substitution of manufacturers and products shall only be allowed where three fixtures are not called out. When "approved equal" is written equivalent fixtures to those listed in Light Fixture Schedule shall be submitted to the Engineer for approval through the product/shop drawing submittal review process. | | | | | | | | | | | | |
| K | 2X4 LED RECESSED STATIC TROFFER, 0-10V DIMMING TO 10%, FLAT ACRYLIC LENS (1/2" PATTERN, 1/2" THICK, FROSTED), FULLY GASKETED, INTEGRAL DRIVER & POWER SUPPLY ACCESSIBLE FROM BELOW | METALUXWQ4CGT5-L3C3-UNV (LOW, 4000K) DAY-BRITE RPTZ-LS-840-ADS-UNV-DM LITHONIA REPAL-2X4-400LM-80CRI-40K-MIN10-2T-MVOLT | RECESSED | 23-3/4" WIDE 47-3/4" LONG 3-1/4" DEEP | LED | 5618 | 4000K | 80 | 0-10V DIMMING TO 10% | 120V/277 | 45 | N/A |
| LP6 | NOT USED | | | | | | | | | | | |
| LP8 | NOT USED | | | | | | | | | | | |
| LY | LINEAR "Y" SHAPED FIXTURE WITH DIRECT LIGHTING PENDANT WITH REMOTE 0-10V SMOOTH DIMMING DRIVER, FLUSH ACRYLIC LENS WITH CUSTOM COLOR POWDER COAT FINISH, CUSTOM COLOR ACRYLIC WRAPPING AROUND PENDANT | ABIMAB3-4-NA-DC0800-LG-40-U-S-W-RALW-1-D FINELITERP-2P-D-4-10-1000-840-F-26-27-SC-FC-10L-XX-FE-SW-ABL-12H-#H NEGATRYEA212-DP-C-6750-80-40-CXX-XF0-1-U-DD-F-W-SC-CA | PENDANT HUNG AT 12-6" AFF | 3-1/4" W 12" H 8-0" DIA LEG | LED | 8000 | 4000K | 80 | 0-10V DIMMING TO 10% | 120V/277 | 82 | 3,8 |
| LR | LINEAR CUSTOM LENGTH DIRECT LIGHTING PENDANT WITH REMOTE 0-10V SMOOTH DIMMING DRIVER, FLUSH ACRYLIC LENS WITH CUSTOM COLOR POWDER COAT FINISH | ABIMAB3-4-NA-DC0800-LG-40-U-S-W-RALW-1-D FINELITERP-2P-D-4-10-1000-840-F-26-27-SC-FC-10L-XX-FE-SW-ABL-12H-#H NEGATRYEA212-DP-C-6750-80-40-CXX-XF0-1-U-DD-F-W-SC-CA | RECESSED, REFER TO ARCHITECTURAL PLANS FOR FIXTURE LENGTHS | 3-1/4" W 12" H 8-0" DIA | LED | 5400 | 4000K | 80 | 0-10V DIMMING TO 10% | 120V/277 | 52 | 3,8 |
| N | 2X4 LED RECESSED STATIC TROFFER, 0-10V DIMMING, FLAT ACRYLIC LENS (1/2" PATTERN, 1/2" THICK, FROSTED), 18-GA DOOR, 20-GA HOUSING, INTEGRAL DRIVER & POWER SUPPLY ACCESSIBLE FROM BELOW | FAIRSAFE/CLM-F-24-INS-A19156-LD4-1-H40-UNV-EDD-1 HE WILLIAMS/ACT-F-2-4-L40-40-DS-8-AD19156-DMA-UNV OR EQUAL | RECESSED | 23-3/4" WIDE 46-5/8" LONG 3-1/2" DEEP | LED | 4528 | 4000K | 80 | 0-10V DIMMING TO 10% | 120V/277 | 43.3 | N/A |
| P | 3D PRINTED LUMINAIRE PENDANT, CONICAL SHAPE, LAMPS AND SOCKET STYLE, AT 8-8 SOCKET, 100W LED, ACRYLIC BASE, POLYCARBONATE SHADE WITH L CERTIFIED CORD, PROVIDE WITH A 90CRI, 4000K, 15W EQUIVALENT TO 40W INCANDESCENT LIGHT PLUS, CONFORM WITH ARCHITECT ON ALL FINAL RALW CUSTOM COLOR SELECTIONS | PRONTALUM/RLK-A111-14B-12S-XX-RHL-7FN4DC-XX LIGHTOLIER/85DP OR APPROVED EQUAL | PENDANT HUNG AT 7-0" AFF | 14.17" DIA 14.33" H DISK - 4.7" DIA | LED | 700 | 4000K | 90 | ON/OFF | 120 | 15 | 3 |
| S | NOTE USED | | | | | | | | | | | |
| SW | ARCHITECTURAL TRIANGULAR LED WALL PACK, TYPE II DISTRIBUTION, NEUTRAL WHITE LEDS, NON-POLLUTED LIGHT SOURCE, NATURAL ALUMINUM FINISH, VISUAL COMFORT OPTICS | INVUE/ECOW-V43-840-U-T3-XX GARDCOMPWS-19L-1150-WG-G2-3-UNV-XX LITHONIA/MDWZG-LED-FE-40K-80CRI-VF-MVOLT-XX | WALL MOUNT AT 144" AFF TO BOTTOM OF FIXTURE, UNLESS OTHERWISE NOTED ON ARCHITECTURAL ELEVATIONS OR ELECTRICAL FLOOR PLANS | 18" WIDE 6-13/16" HIGH 0-13/16" DEEP | LED | 4514 | 4000K | 80 | ON/OFF | 120V/277 | 49 | 3 |
| SC1 | 12" ROUND SURFACE SOFFIT DOWNLIGHT, MADE FROM MARINE GRADE CORROSION RESISTANT, HEAVY GAUGE DIE CAST ALUMINUM MOUNTS TO OCTAGONAL JUNCTION BOX OR TO SURFACE, FINISHED IN CHEMICAL IRON PHOSPHATE CONVERSION PNE TREATMENT WITH IMPACT AND VANDAL RESISTANT LENS, IP65 AND IK10 RATED WITH SEAL AROUND CENTRE FIXTURE | FC LIGHTING/OPFCW3000-UNV-4K-CRI85-26L-XXX ELCAST1110-S OR APPROVED EQUAL | SURFACE MOUNT TO UNDERSIDE OF SOFFIT | 13" DIA 2" HIGH | LED | 2619 | 4000K | 85 | ON/OFF | 0-10V DIMMING | 32 | 3 |
| SC2 | 4" LONG LINEAR OUTDOOR RATED, SURFACE MOUNT STRIP, NARROW DEPTH, CONTINUOUS FIXTURE WITH UNIFORM ILLUMINATION THAT IS IP65 AND IK10 RATED, EXTRUDED ALUMINUM BODY WITH INTERNAL GASKETS AND SNAP-IN IMPACT RESISTANT ACRYLIC LENS | FINELITERP-4WL-4R-2-4FT-H-840-F-86-277-SC-FC-10L-XX-FE-#H# OR APPROVED EQUAL | SURFACE MOUNT ON UNDERSIDE OF METAL CANOPY | 4" LONG 4" WIDE 4" HIGH | LED | 2688 | 4000K | 80 | 0-10V DIMMING TO 10% | 277 | 28 | 3 |
| X | EXIT SIGN, SINGLE / DUAL FACE, SELF-DIAGNOSTICS, EDGE-LIT WITH METALIC HOUSING, UNIVERSAL CHEVRONS, UNIVERSAL MOUNTING, RED LEDS, NICKEL CADMIUM BATTERY, OPERATING RANGE: 10°C - 40°C | SURE-LITES/SCX-70-R MILEPSA-LED-W-50-HL-XX LITHONIA/REDCX-X-4-R-RL-XX | SURFACE MOUNT ON CEILING OR WALL MOUNT AT 96" AFF | 14" WIDE 8-11" HIGH 3" DEEP | LED | - | RED | N/A | ON/OFF | 120V/277 | 3 | 2 |
| X1 | EXIT SIGN, SINGLE / DUAL FACE, SELF-DIAGNOSTICS, THERMOPLASTIC HOUSING, UNIVERSAL CHEVRONS, UNIVERSAL MOUNTING, RED LEDS, NICKEL CADMIUM BATTERY, OPERATING RANGE: 10°C - 40°C, PROVIDE WITH WIRE GUARD AS NOTED | SURE-LITES/SLRX-7-XXX-WG10 MILEPSA-LED-W-50-HL LITHONIA | SURFACE MOUNT ON CEILING OR WALL MOUNT AT 96" AFF | 13" WIDE 7-1/2" HIGH 2-1/8" DEEP | LED | - | RED | N/A | ON/OFF | 120V/277 | 3 | 2 |
| GENERAL NOTES: 1) CONTRACTOR SHALL COORDINATE FIXTURE MOUNTING STYLE (GRID VERSUS GYP BOARD) WITH ARCHITECTURAL REFLECTED CEILING PLANS AND PROVIDE REQUIRED MOUNTING ACCESSORIES. 2) CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT FOR WALL-MOUNTED FIXTURES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ANY ROUGH-IN. 3) ALL INDUSTRIAL FIXTURES WHERE INSTALLED IN MECHANICAL SPACES SHALL BE COORDINATED WITH ALL TRADES TO AVOID CONFLICTS WITH MECHANICAL, PLUMBING AND FIRE PROTECTION EQUIPMENT, PIPING, DUCTWORK, ETC. NOTES: 1) WIRE FIXTURES FOR 0-10V DIMMING LEVEL SWITCHING WHERE INDICATED ON PLANS. 2) REFER TO ELECTRICAL LIGHTING PLANS FOR FACE AND ARROW ORIENTATIONS. 3) COLOR OF FIXTURE TO BE SELECTED BY THE ARCHITECT DURING THE SHOP DRAWING PHASE. 4) PROVIDE FIXTURE WITH WIREGUARD. 5) PROVIDE ALL COMPONENTS FOR A FULLY FUNCTIONING SYSTEM. 6) LENGTH AND QUANTITIES AS SHOWN ON PLANS. 7) CONTRACTOR SHALL PROVIDE ALL MOUNTING HARDWARE. 8) LOCATE ALL REMOTE DRIVERS ABOVE ACCESSIBLE TILE CEILING, PROVIDE LABEL ON GRID BELOW DRIVERS INDICATING WHAT IS ABOVE GRID TILE | | | | | | | | | | | | |

| PANEL: 1PK | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------|---|----|-----------------------------------------------------------|---------------|------------------|------------------------|----|-------------------------|----------------------------|------------|----|--|
| LOCATION: E/C CLASSROOM..... | | | | | VOLTS: 208Y/120V 3PH | | | | | MAINS TYPE: MCB | | | | |
| SUPPLY FROM: 1PA1 | | | | | PHASES: 3 | | | | | BREAKER RATING: 100 A | | | | |
| MOUNTING: Recessed | | | | | WIRES: 4 | | | | | BUS RATING: 100 A | | | | |
| ENCLOSURE: Type 1 | | | | | SE RATED: NO | | | | | NEUTRAL RATING: 100.00% | | | | |
| CALCULATED Isc: | | | | | | | | | | | | | | |
| MINIMUM KAIC: 10 | | | | | | | | | | | | | | |
| CKT | LOAD SERVED | CB | P | * | A | B | C | * | P | CB | LOAD SERVED | CKT | | |
| 1 | REC: FRIDGE EC KITCHEN A113B | 20 A | 1 | 1 | 1440 | 360 | | | | 1 | 20 A REC: TLT A113A | 2 | | |
| 3 | REC: EC KITCHEN A113B | 20 A | 1 | 1 | | 360 | 1260 | | | 1 | 20 A REC: EC CLASS A113 | 4 | | |
| 5 | REC: MICRO EC KITCHEN A113B | 20 A | 1 | 1 | | | 960 | 1080 | | 1 | 20 A REC: EC CLASS A113 | 6 | | |
| 7 | REC: WASHER EC KITCHEN A113B | 20 A | 1 | 1 | 1440 | 1920 | | | | 1 | 20 A REC: EC KITCHEN A113B | 8 | | |
| 9 | SPARE | 20 A | 1 | -- | | 0 | 0 | | | -- | 1 | 20 A SPARE | 10 | |
| 11 | SPARE | 20 A | 1 | -- | | | | 0 | 0 | -- | 1 | 20 A SPARE | 12 | |
| 13 | SPARE | 20 A | 1 | -- | 0 | 0 | | | | -- | 1 | 20 A SPARE | 14 | |
| 15 | SPARE | 20 A | 1 | -- | | 0 | 0 | | | -- | 1 | 20 A SPARE | 16 | |
| 17 | SPARE | 20 A | 1 | -- | | | | 0 | 0 | -- | 1 | 20 A SPARE | 18 | |
| 19 | SPARE | 20 A | 2 | -- | 0 | 0 | | | | -- | 1 | 20 A SPARE | 20 | |
| 21 | SPARE | 20 A | 2 | -- | | | 0 | 0 | | -- | 1 | 20 A SPARE | 22 | |
| 23 | REC: DRYER EC KITCHEN A113B | 30 A | 2 | 1 | 2500 | -- | | 2500 | 0 | -- | 1 | 20 A SPARE | 24 | |
| 25 | 3#10, #10G IN 1" C | | | | | | | | | -- | 1 | -- SPACE | 26 | |
| 27 | REC: OVEN EC KITCHEN A113B | 50 A | 2 | 1 | | 4000 | -- | | | -- | 1 | -- SPACE | 28 | |
| 29 | 3#6, #8G IN 1" C | | | | | | | 4000 | -- | -- | 1 | -- SPACE | 30 | |
| CONNECTED LOAD: | | | | | 7660 VA | 5620 VA | 8540 VA | | | | | | | |
| CONNECTED AMPS: | | | | | 66 A | 47 A | 74 A | | | | | | | |
| DEMAND AMPS: | | | | | 66 A | 47 A | 74 A | | | | | | | |
| BREAKER NOTES: | | | | | PANEL NOTES: | | | | | | | | | |
| * INDICATES BREAKER TYPE: 1 =GFCI (6mA), 2= GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCL, 5=SUBFEED BREAKER, 6=LI, 7=LSI, 8=LSIG, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER. | | | | | PROVIDE SHUNT ON MAIN BREAKER - CONNECT TO EPO BUTTON(S). | | | | | | | | | |
| LOAD CLASSIFICATION | | | | | CONNECTED LOAD | Demand Factor | ESTIMATED DEMAND | PANEL TOTALS | | | | | | |
| Receptacle | | | | | 8640 VA | 100.00% | 8640 VA | TOTAL LOAD: 21820 VA | | | | | | |
| Power | | | | | 180 VA | 100.00% | 180 VA | DEMAND FACTOR: 100.00% | | | | | | |
| Electric Clothes Dryer | | | | | 5000 VA | 100.00% | 5000 VA | DEMAND LOAD: 21820 VA | | | | | | |
| Kitchen Equipment | | | | | 8000 VA | 100.00% | 8000 VA | DEMAND AMPS: 61 A | | | | | | |

| PANEL: 1PC | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------|---|---------------|--------------|----------------------|------|-----------------------|-------------------------|------------|-----------------------------------------|-----|
| LOCATION: STOR C106A | | | | | | VOLTS: 208Y/120V 3PH | | | MAINS TYPE: MCB | | | |
| SUPPLY FROM: 1PA1 | | | | | | PHASES: 3 | | | BREAKER RATING: 100 A | | | |
| MOUNTING: RECESSED | | | | | | WIRES: 4 | | | BUS RATING: 100 A | | | |
| ENCLOSURE: Type 1 | | | | | | SE RATED: NO | | | NEUTRAL RATING: 100.00% | | | |
| CALCULATED Isc: | | | | | | | | | MINIMUM KAIC: 10 | | | |
| CKT | LOAD SERVED | CB | P | * | A | B | C | * | P | CB | LOAD SERVED | CKT |
| 1 | FLR BX: MEDIA CENTER C129 | 20 A | 1 | | 1080 | 360 | | | | 1 | 20 A REC: VESTIBULE C102 | 2 |
| 3 | FLR BX: MEDIA CENTER C129 | 20 A | 1 | | | 1080 | 900 | | | 1 | 20 A REC: BAND C104 | 4 |
| 5 | REC: MEDIA CENTER C129 | 20 A | 1 | | | | 1080 | 1080 | | 1 | 20 A REC: BAND C104 | 6 |
| 7 | REC: MEDIA CENTER C129 | 20 A | 1 | | 1080 | 1080 | | | | 1 | 20 A REC: BAND C104, C106A | 8 |
| 9 | REC: MEDIA CENTER C129 | 20 A | 1 | | | 1260 | 1080 | | | 1 | 20 A REC: ART C108 | 10 |
| 11 | REC: WRKRM/STG C129A | 20 A | 1 | | | | 1080 | 1260 | | 1 | 20 A REC: ART C108 | 12 |
| 13 | REC: WRKRM/STG C129A | 20 A | 1 | | 900 | 720 | | | | 1 | 20 A REC: STOR C108A | 14 |
| 15 | REC: TEACH WRKRM C131 | 20 A | 1 | | | 900 | 900 | | | 1 | 20 A REC: MUSIC C106 | 16 |
| 17 | REC: TEACH WRKRM C131 | 20 A | 1 | | | | 180 | 1080 | | 1 | 20 A REC: MUSIC C106 | 18 |
| 19 | REC: BOOK STOR C133 | 20 A | 1 | | 720 | 1440 | | | | 1 | 20 A REC: CORR. 2 C100-2 | 20 |
| 21 | EF-7: ART 1220 2#12, #12G IN... | 25 A | 1 | | | 1176 | 350 | | | 1 | 20 A VAV3.01.02.04.17.18 C106, 129, 131 | 22 |
| 23 | EF-8: KILN 1220B 2#12, #12G IN... | 15 A | 1 | | | | | 696 | 180 | 1 | 20 A REC: KILN C108B | 24 |
| 25 | REC: KILN C108B | 50 A | 3 | | 3328 | 90 | | | | 1 | 20 A LTS: MEDIA CENTER C129 | 26 |
| 27 | 3#6, #10G IN 1" C | | | | 3328 | 0 | | -- | 1 | 20 A SPARE | 28 | |
| 29 | | | | | | | 3328 | 0 | -- | 1 | 20 A SPARE | 30 |
| CONNECTED LOAD: | | | | | 10798 VA | 10974 VA | | | | | | |
| CONNECTED AMPS: | | | | | 91 A | 93 A | 83 A | | | | | |
| DEMAND AMPS: | | | | | 68 A | 69 A | 62 A | | | | | |
| BREAKER NOTES: | | | | | PANEL NOTES: | | | | | | | |
| * INDICATES BREAKER TYPE: 1=GFCI (6mA), 2=GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCL, 5=SUBFEED BREAKER, 6=LI, 7=LSI, 8=LSIG, 9=LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER. | | | | | | | | | | | | |
| LOAD CLASSIFICATION | | CONNECTED LOAD | | Demand Factor | | ESTIMATED DEMAND | | PANEL TOTALS | | | | |
| HVAC | | 350 VA | | 100.00% | | 350 VA | | TOTAL LOAD: 31736 VA | | | | |
| Lighting | | 90 VA | | 125.00% | | 113 VA | | DEMAND FACTOR: 74.93% | | | | |
| Motor | | 1872 VA | | 115.71% | | 2166 VA | | DEMAND LOAD: 23781 VA | | | | |
| Receptacle | | 26544 VA | | 68.84% | | 18272 VA | | DEMAND AMPS: 66 A | | | | |
| Power | | 2880 VA | | 100.00% | | 2880 VA | | | | | | |

| PANEL: 2SHC | | | | | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|---|---------------|-----------------------------|------------------|----------|------------------------|---|-------------------------|-------------|--------------------------|------------------------|----|----|
| LOCATION: MECHANICAL C200 | | | | | VOLTS: 480Y/277V 3PH | | | | | MAINS TYPE: MCB | | | | | |
| SUPPLY FROM: SHD | | | | | PHASES: 3 | | | | | BREAKER RATING: 250 A | | | | | |
| MOUNTING: Surface | | | | | WIRES: 4 | | | | | BUS RATING: 250 A | | | | | |
| ENCLOSURE: Type 1 | | | | | SE RATED: NO | | | | | NEUTRAL RATING: 100.00% | | | | | |
| CALCULATED Isc: | | | | | | | | | | MINIMUM KAIC: 35 | | | | | |
| CKT | LOAD SERVED | CB | P | * | A | B | C | * | P | CB | LOAD SERVED | CKT | | | |
| 1 | AHU-2 RETURN FAN (5HP) | 20 A | 3 | | 3880 | 200 | | | | 1 | 20 A | LTS: EXTERIOR WALL PACKS | 2 | | |
| 3 | 3#12, #12G IN 3/4" C | | | | | 3880 | 3607 | | | | 1 | 20 A | LTS: BOOK STOR 1219 | 4 | |
| 5 | | | | | | | | | | | | | | | 6 |
| 7 | AHU-3 RETURN FAN (10HP) | 30 A | 3 | | 5820 | 532 | | | | 1 | 20 A | LTS: MECHANICAL C200 | 8 | | |
| 9 | 3#10, #10G IN 3/4" C | | | | | 5820 | 1992 | | | | 1 | 20 A | LTS: CORRIDOR-3 1200-3 | 10 | |
| 11 | | | | | | | | | | | | | | | 12 |
| 13 | PANEL SPC VIA TC | 40 A | 3 | | 2972 | 3300 | | | | 1 | 20 A | UH-3 (3.3KW) MECH C200 | 14 | | |
| 15 | REFER TO RISER DIAGRAM | | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | | | 18 |
| 19 | INV | 40 A | 3 | | 4277 | 619 | | | | 1 | 20 A | LTS: EXTERIOR WALL PACKS | 20 | | |
| 21 | REFER TO RISER DIAGRAM | | | | | 1776 | 0 | | | | 1 | 20 A | LTS: CORRIDOR 1304A | 22 | |
| 23 | | | | | | | | | | | | | | | 24 |
| 25 | AHU-2 SUPPLY FAN (15HP) | 50 A | 3 | | 7483 | 2106 | | | | 3 | 15 A | AHU-1 SUPPLY FAN (5HP) | 26 | | |
| 27 | 3#6, #10G IN 3/4" C | | | | | 7483 | 2106 | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | | 30 |
| 31 | AHU-3 SUPPLY FAN (20HP) | 60 A | 3 | | 9423 | 1333 | | | | 3 | 15 A | AHU-1 RETURN FAN (3HP) | 32 | | |
| 33 | 3#6, #10G IN 1" C | | | | | 9423 | 1333 | | | | | | | | 34 |
| 35 | | | | | | | | | | | | | | | 36 |
| 37 | SPARE | 80 A | 3 | -- | 0 | 0 | | | | -- | 3 | 20 A | SPARE | 38 | |
| 39 | | | | | | 0 | 0 | | | | | | | | 40 |
| 41 | | | | | | | | | | | | | | | 42 |
| CONNECTED LOAD: | | | | | 41945 VA | 44271 VA | 38848 VA | | | | | | | | |
| CONNECTED AMPS: | | | | | 153 A | 162 A | 140 A | | | | | | | | |
| DEMAND AMPS: | | | | | 167 A | 176 A | 153 A | | | | | | | | |
| BREAKER NOTES: | | | | | PANEL NOTES: | | | | | | | | | | |
| * INDICATES BREAKER TYPE: 1=GFCI (6mA), 2=GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCL, 5=SUBFEED BREAKER, 6=LI, 7=LSI, 8=LSIG, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER. | | | | | **#10, #10N, #10G IN 3/4" C | | | | | | | | | | |
| LOAD CLASSIFICATION | | CONNECTED LOAD | | Demand Factor | | ESTIMATED DEMAND | | PANEL TOTALS | | | | | | | |
| Hvac | | 100 VA | | 100.00% | | 1000 VA | | TOTAL LOAD: 125584 VA | | | | | | | |
| Lighting | | 14873 VA | | 125.00% | | 18591 VA | | DEMAND FACTOR: 109.06% | | | | | | | |
| Motor | | 92007 VA | | 107.68% | | 99074 VA | | DEMAND LOAD: 136395 VA | | | | | | | |
| Other | | 500 VA | | 100.00% | | 500 VA | | DEMAND AMPS: 164 A | | | | | | | |
| Receptacle | | 1800 VA | | 100.00% | | 1800 VA | | | | | | | | | |
| Power | | 2000 VA | | 100.00% | | 2000 VA | | | | | | | | | |
| Heating | | 11600 VA | | 100.00% | | 11600 VA | | | | | | | | | |
| Lighting - Exterior | | 2184 VA | | 125.00% | | 2730 VA | | | | | | | | | |

| PANEL: SPA | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------|---|----|----------------------|---------------|------------------|------------------------|-------------------------|------|-------------|------------------------------|----|
| LOCATION: DATA A106 | | | | | VOLTS: 208Y/120V 3PH | | | | MAINS TYPE: MCB | | | | |
| SUPPLY FROM: 1SPC | | | | | PHASES: 3 | | | | BREAKER RATING: 50 A | | | | |
| MOUNTING: Surface | | | | | WIRES: 4 | | | | BUS RATING: 100 A | | | | |
| ENCLOSURE: Type 1 | | | | | SE RATED: NO | | | | NEUTRAL RATING: 100.00% | | | | |
| CALCULATED Isc: | | | | | MINIMUM KAIC: 10 | | | | | | | | |
| CKT | LOAD SERVED | CB | P | * | A | B | C | * | P | CB | LOAD SERVED | CKT | |
| 1 | SPARE | 20 A | 1 | -- | 0 | 500 | | | 9 | 1 | 20 A | NAC PANEL AREA A 1104 | 2 |
| 3 | REC: SUMP PUMP ALARM A106 | 20 A | 1 | | | 180 | 180 | | | 1 | 20 A | REC: SUMP PUMP CTRL - A106 | 4 |
| 5 | REC: RACK MTD - DATA A106 | 20 A | 1 | | | | 360 | 720 | | 1 | 20 A | REC: MECH 1104 | 6 |
| 7 | REC: RACK MTD - DATA A106 | 20 A | 1 | | 360 | 180 | | | | 1 | 20 A | REC: CARD ACCESS - DATA A106 | 8 |
| 9 | REC: INTRUSION DATA A106 | 20 A | 1 | | | 180 | 0 | -- | 1 | 20 A | SPARE | 10 | |
| 11 | SPARE | 20 A | 1 | -- | | | 0 | 0 | -- | 1 | 20 A | SPARE | 12 |
| 13 | SPARE | 20 A | 1 | -- | 0 | 0 | | | -- | 1 | 20 A | SPARE | 14 |
| 15 | SPARE | 20 A | 1 | -- | | 0 | 0 | | -- | 1 | 20 A | SPARE | 16 |
| 17 | SPARE | 20 A | 1 | -- | | | 0 | 0 | -- | 1 | 20 A | SPARE | 18 |
| 19 | SPARE | 20 A | 1 | -- | 0 | 0 | | | -- | 1 | 20 A | SPARE | 20 |
| 21 | SPARE | 20 A | 1 | -- | | 0 | 0 | | -- | 1 | 20 A | SPARE | 22 |
| 23 | SPARE | 20 A | 1 | -- | | | 0 | 0 | -- | 1 | 20 A | SPARE | 24 |
| 25 | SPARE | 20 A | 1 | -- | 0 | 0 | | | -- | 2 | 30 A | SPARE | 26 |
| 27 | SPARE | 20 A | 1 | -- | | 0 | 0 | | -- | 2 | 30 A | SPARE | 28 |
| 29 | SPARE | 20 A | 1 | -- | | | 0 | 0 | -- | 2 | 30 A | SPARE | 30 |
| CONNECTED LOAD: | | | | | 1040 VA | 540 VA | 1080 VA | | | | | | |
| CONNECTED AMPS: | | | | | 9 A | 5 A | 10 A | | | | | | |
| DEMAND AMPS: | | | | | 9 A | 5 A | 10 A | | | | | | |
| BREAKER NOTES: | | | | | PANEL NOTES: | | | | | | | | |
| * INDICATES BREAKER TYPE: 1=GFCI (6mA), 2= GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCI, 5=SUBFEED BREAKER, 6=LI, 7=LSI, 8=LSIG, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER. | | | | | | | | | | | | | |
| LOAD CLASSIFICATION | | | | | CONNECTED LOAD | Demand Factor | ESTIMATED DEMAND | PANEL TOTALS | | | | | |
| Receptacle | | | | | 2160 VA | 100.00% | 2160 VA | TOTAL LOAD: 2660 VA | | | | | |
| Power | | | | | 500 VA | 100.00% | 500 VA | DEMAND FACTOR: 100.00% | | | | | |
| | | | | | DEMAND LOAD: 2660 VA | | | | | | | | |
| | | | | | DEMAND AMPS: 7 A | | | | | | | | |

| PANEL: 2HA | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------|---|----|----------------------|---------------|------------------|------------------------|---|-------------------------|-------------|-----------------------------------------------|-----------------------------------------------|
| LOCATION: MECHANICAL A201 | | | | | VOLTS: 480Y/277V 3PH | | | | | MAINS TYPE: MCB | | | |
| SUPPLY FROM: 1HA | | | | | PHASES: 3 | | | | | BREAKER RATING: 250 A | | | |
| MOUNTING: Surface | | | | | WIRES: 4 | | | | | BUS RATING: 250 A | | | |
| ENCLOSURE: Type 1 | | | | | SE RATED: NO | | | | | NEUTRAL RATING: 100.00% | | | |
| CALCULATED Isc: | | | | | MINIMUM KAIC: 22 | | | | | | | | |
| CKT | LOAD SERVED | CB | P | * | A | B | C | * | P | CB | LOAD SERVED | CKT | |
| 1 | LTS: CLASS RM 2113 | 20 A | 1 | | 3095 | 3880 | | | | | | 2 | |
| 3 | LTS: CORR 2100 | 20 A | 1 | | | 619 | 3880 | | | 3 | 30 A | AHU-4 RETURN FAN (10HP) 3#10, #10G IN 3/4" | |
| 5 | LTS: CLASSROOM 2112 | 20 A | 1 | | | | 2811 | 3880 | | | | 4 | |
| 7 | UH-5 (5KW): STR S1-1... | 30 A | 1 | | 5000 | 3880 | | | | | | 6 | |
| 9 | UH-6 (5KW): STR S2-1... | 30 A | 1 | | | 5000 | 3880 | | | | 3 | 30 A | AHU-4 RETURN FAN (10HP) 3#10, #10G IN 3/4" |
| 11 | SPARE | 20 A | 1 | -- | | | 0 | 3880 | | | | 1 | |
| 13 | SPARE | 20 A | 1 | -- | 0 | 11200 | | | | | | 1 | |
| 15 | SPARE | 20 A | 1 | -- | | 0 | 11200 | | | 3 | 100 A | AHU-4 SUPPLY FAN (30HP) 3#3, #8G IN 1-1/2" | |
| 17 | SPARE | 20 A | 1 | -- | | | 0 | 11200 | | | | 1 | |
| 19 | SPARE | 30 A | 1 | -- | 0 | 11200 | | | | | | 2 | |
| 21 | SPARE | 30 A | 1 | -- | | 0 | 11200 | | | 3 | 100 A | AHU-4 SUPPLY FAN (30HP) 3#3, #8G IN 1-1/2" | |
| 23 | SPARE | 30 A | 1 | -- | | | 0 | 11200 | | | | 2 | |
| 25 | | | | | 0 | 0 | | 0 | | | | 3 | |
| 27 | SPARE | 30 A | 3 | -- | | 0 | 0 | | | -- | 3 | 20 A | SPARE |
| 29 | | | | | | | | 0 | 0 | | | | |
| CONNECTED LOAD: | | | | | 38255 VA | 35779 VA | 32971 VA | | | | | | |
| CONNECTED AMPS: | | | | | 140 A | 131 A | 119 A | | | | | | |
| DEMAND AMPS: | | | | | 153 A | 143 A | 130 A | | | | | | |
| BREAKER NOTES: | | | | | PANEL NOTES: | | | | | | | | |
| * INDICATES BREAKER TYPE: 1=GFCI (6mA), 2= GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCI, 5=SUBFEED BREAKER, 6=LI, 7=LSI, 8=LSIG, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER. | | | | | | | | | | | | | |
| LOAD CLASSIFICATION | | | | | CONNECTED LOAD | Demand Factor | ESTIMATED DEMAND | PANEL TOTALS | | | | | |
| Lighting | | | | | 6524 VA | 125.00% | 8155 VA | TOTAL LOAD: 107004 VA | | | | | |
| Motor | | | | | 90480 VA | 109.28% | 98880 VA | DEMAND FACTOR: 109.37% | | | | | |
| Heating | | | | | 10000 VA | 100.00% | 10000 VA | DEMAND LOAD: 117035 VA | | | | | |
| | | | | | | | | DEMAND AMPS: 141 A | | | | | |

| PANEL: 2PA2 | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|------------------|------------------------|-------------------------------------------------------------------------------------------------------------|---------|---------|------|-------------------------|------|----------------------------|-------------------------|----|
| LOCATION: PREP ROOM A209A | | | | | VOLTS: 208Y/120V 3PH | | | | MAINS TYPE: MCB | | | | |
| SUPPLY FROM: 2PA1 | | | | | PHASES: 3 | | | | BREAKER RATING: 60 A | | | | |
| MOUNTING: RECESSED | | | | | WIRES: 4 | | | | BUS RATING: 100 A | | | | |
| ENCLOSURE: Type 1 | | | | | SE RATED: NO | | | | NEUTRAL RATING: 100.00% | | | | |
| CALCULATED Isc: | | | | | MINIMUM KAIC: 10 | | | | | | | | |
| CKT | LOAD SERVED | CB | P | * | A | B | C | * | P | CB | LOAD SERVED | CKT | |
| 1 | REC: SCIENCE A209 | 20 A | 1 | 1 | 360 | 960 | | 1 | 1 | 20 A | REC: FRIDGE PREP A209A | 2 | |
| 3 | REC: SCIENCE A209 | 20 A | 1 | 1 | | 360 | 540 | 1 | 1 | 20 A | REC: PREP ROOM A209A | 4 | |
| 5 | REC: SCIENCE A209 | 20 A | 1 | 1 | | | 360 | 1260 | 1 | 1 | 20 A | REC: SCIENCE A213, A211 | 6 |
| 7 | REC: SCIENCE A209 | 20 A | 1 | 1 | 360 | 540 | | 1 | 1 | 20 A | REC: SCIENCE A213 | 8 | |
| 9 | REC: SCIENCE A209 | 20 A | 1 | 1 | | 720 | 360 | 1 | 1 | 20 A | REC: SCIENCE A213 | 10 | |
| 11 | REC: SCIENCE A209 | 20 A | 1 | 1 | | | 1080 | 540 | 1 | 1 | 20 A | REC: SCIENCE A213 | 12 |
| 13 | REC: GOGGLE CABINET SCI A213 | 20 A | 1 | 1 | 180 | 360 | | 1 | 1 | 20 A | REC: SINK COUNTER SCI A213 | 14 | |
| 15 | REC: GOGGLE CABINET SCI A209 | 20 A | 1 | 1 | | 180 | 360 | 1 | 1 | 20 A | REC: SCIENCE A213 | 16 | |
| 17 | REC: PREP ROOM A209A | 20 A | 1 | 1 | | | 360 | 1000 | 1 | 20 A | PWR: SOLENOID SCIENCE A213 | 18 | |
| 19 | PWR: SOLENOID SCIENCE A209 | 20 A | 1 | -- | 1000 | 0 | | -- | 1 | 20 A | SPARE | 20 | |
| 21 | SPARE | 20 A | 1 | -- | | 0 | 0 | -- | 1 | 20 A | SPARE | 22 | |
| 23 | SPARE | 20 A | 1 | -- | | | 0 | 0 | -- | 1 | 20 A | SPARE | 24 |
| 25 | SPARE | 20 A | 1 | -- | 0 | -- | | -- | 1 | -- | SPARE | 26 | |
| 27 | SPARE | 20 A | 1 | -- | | 0 | -- | -- | 1 | -- | SPARE | 28 | |
| 29 | SPARE | 20 A | 1 | -- | | | 0 | -- | 1 | -- | SPARE | 30 | |
| CONNECTED LOAD: | | | | | 3760 VA | 2520 VA | 4600 VA | | | | | | |
| CONNECTED AMPS: | | | | | 33 A | 21 A | 40 A | | | | | | |
| DEMAND AMPS: | | | | | 33 A | 21 A | 40 A | | | | | | |
| BREAKER NOTES: | | | | | PANEL NOTES: | | | | | | | | |
| * INDICATES BREAKER TYPE: 1=GFCI (6mA), 2= GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCI, 5=SUBFEED BREAKER, 6=LI, 7=LSI, 8=LSIG, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER. | | | | | PROVIDE MAIN WITH SHUNT TRIP CONNECT TO EPO BUTTONS IN SCIENCE ROOMS, PROVIDE WITH HALF SPARE GFI BREAKERS. | | | | | | | | |
| LOAD CLASSIFICATION | CONNECTED LOAD | Demand Factor | ESTIMATED DEMAND | PANEL TOTALS | | | | | | | | | |
| Receptacle | 8520 VA | 100.00% | 8520 VA | TOTAL LOAD: 10880 VA | | | | | | | | | |
| Power | 2360 VA | 100.00% | 2360 VA | DEMAND FACTOR: 100.00% | | | | | | | | | |
| | | | | DEMAND LOAD: 10880 VA | | | | | | | | | |
| | | | | DEMAND AMPS: 30 A | | | | | | | | | |