INDEX TO DRAWINGS

HOPKINS COUNTY SCHOOLS BOARD OFFICE

BG# 23-030

DESIGN DEVELOPMENT DOCUMENTS

OCTOBER 07, 2024

2135 NORTH MAIN STREET
MADISONVILLE, KY 42431

OWNER:

HOPKINS COUNTY BOARD OF EDUCATION

SCB PROJECT NUMBER: 2265

AMY SMITH - SUPERINTENDENT
SHANNON EMBRY - CHAIRPERSON
JOHN OSBORNE - VICE CHAIRPERSON
KERRI SCISNEY - MEMBER
STEVE FAULK - MEMBER
NICK FOSTER - MEMBER
KEITH CARTWRIGHT - BOARD ATTORNEY

SHERMAN CARTER BARNHART ARCHITECTS

SHERMAN CARTER BARNHART ARCHITECTS, PLLC
PROJECT MANAGER: ANDREW H. OWENS AIA, CID

144 TURNER COMMONS WAY
SUITE 110
LEXINGTON, KY 40508
PHONE: 859.224.1351
FAX: 859.224.8446

www.scbarchitects.com

CIVIL ENGINEER

BACON FARMER WORKMAN
2301 MCCRACKEN BLVD.
PADUCAH, KY 42001
P (270) 443-1995 F (270) 443-1904

STRUCTURAL ENGINEER

BACON FARMER WORKMAN
2301 MCCRACKEN BLVD.
PADUCAH, KY 42001
P (270) 443-1995 F (270) 443-1904

MECHANICAL/ELECTRICAL ENGINEER

MARCUM ENGINEERING
2301 MCCRACKEN BLVD.
PADUCAH, KY 42001
P (270) 444-9274 F (270) 443-1904

SCB PROJECT NO. 2265

2265 HOPKINS COUNTY BOARD OFFICE RENOVATION
#COV - COVER SHEET
Autodesk Docs://2265 Hopkins Co New Central Bd Off. Reno/2265 Hopkins County School Board Office.rvt
10/17/2024 7:46:57 AM

BURIED UTILITIES NOTE

BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD EVIDENCE. OTHER BURIED UTILITIES MIGHT EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT KENTUCKY 811 @ 811 OR 1-800-752-6007 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.

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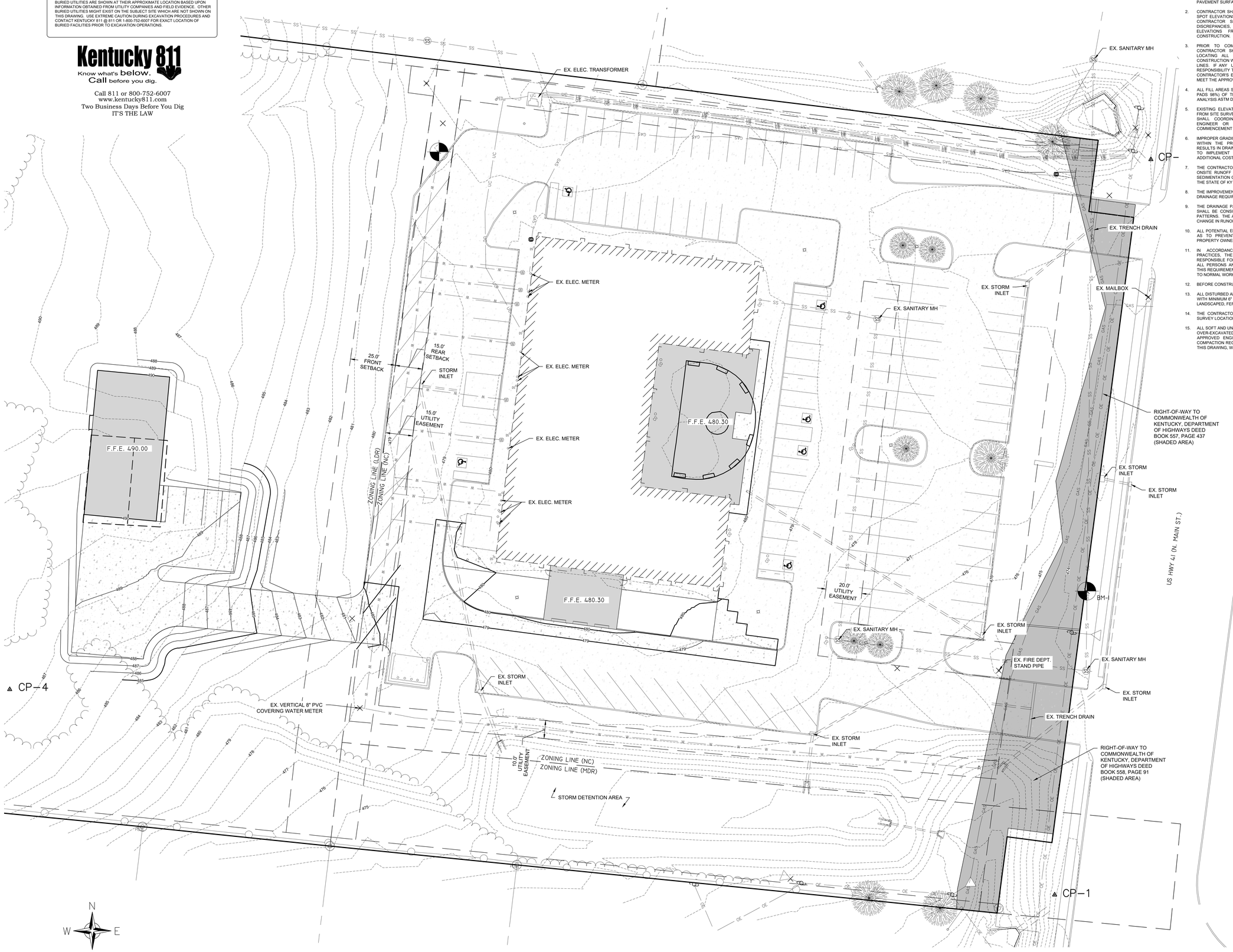

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W E
S

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 INCH = 20 FT.

SITE GRADING PLAN
SCALE: 1" = 20'

SITE GRADING NOTES:

1. ALL CONTOURS AND SPOT ELEVATIONS INDICATE FINISH GRADE, ON EARTH, ASPHALT OR CONC. SINGLE SPOT ELEVATIONS INDICATE PAVEMENT SURFACE ELEVATION OR GUTTER FLOW LINE ELEVATION.
2. CONTRACTOR SHALL NOT ASSUME ELEVATIONS WHERE CONTOURS AND SPOT ELEVATIONS ARE NOT PROVIDED ON PLANS AND/OR DETAILS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES, OMISSIONS OR UNCERTAIN INTERPRETATIONS OF ELEVATIONS FROM THE PLANS AND/OR DETAILS PRIOR TO CONSTRUCTION.
3. PRIOR TO COMPLETING A BID AND BEGINNING CONSTRUCTION, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND FIELD LOCATING ALL UTILITIES WITHIN THE PROJECT LIMITS SO THAT CONSTRUCTION WILL NOT DAMAGE OR INTERFERE WITH EXISTING UTILITY LINES. IF ANY UTILITY LINES ARE DAMAGED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE UTILITY LINES AT THE CONTRACTOR'S EXPENSE. FINISHED REPLACEMENT OR REPAIR SHALL MEET THE APPROVAL OF THE SPECIFIC UTILITY OWNER.
4. ALL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% (BUILDING PADS 98%) OF THE MAXIMUM DRY DENSITY PER STANDARD PROCTOR ANALYSIS ASTM D 698 OR TO THE PROJECT SPECIFICATIONS.
5. EXISTING ELEVATIONS AND CONTOURS ON THIS PLAN ARE PROVIDED FROM SITE SURVEY BY BFW ENGINEERING & TESTING INC. CONTRACTOR SHALL COORDINATE HORIZONTAL AND VERTICAL CONTROL WITH ENGINEER OR SURVEYOR PRIOR TO COMPLETING A BID AND COMMENCEMENT OF CONSTRUCTION.
6. IMPROPER GRADING/FINISHING OF ALL EXCAVATION AND FILL PLACEMENT WITHIN THE PROJECT LIMITS OR ADJACENT RIGHT-OF-WAYS THAT RESULTS IN DRAINAGE PROBLEMS SHALL BE REMOVED AND REINSTALLED TO IMPLEMENT POSITIVE DRAINAGE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
7. THE CONTRACTOR IS RESPONSIBLE FOR SEDIMENTATION CONTROL OF ONSITE RUNOFF IN ACCORDANCE WITH THE ACCEPTED EROSION AND SEDIMENTATION CONTROL PRACTICES FOR CONSTRUCTION ACTIVITIES IN THE STATE OF KY AND/OR CITY OF MADISONVILLE.
8. THE IMPROVEMENT OF THIS SITE SHALL NOT OBSTRUCT THE NECESSARY DRAINAGE REQUIRED.
9. THE DRAINAGE PATTERN CREATED BY THE DEVELOPMENT OF THIS SITE SHALL BE CONSISTENT WITH THE PREVIOUS STORMWATER DRAINAGE PATTERNS. THE ADJACENT PROPERTY OWNERS SHALL NOT REALIZE ANY CHANGE IN RUNOFF TO THEIR PROPERTY.
10. ALL POTENTIAL EROSION SHALL BE CONTROLLED IN SUCH A MANNER SO AS TO PREVENT ANY DISPLACEMENT OF SILT TO THE ADJACENT PROPERTY OWNERS OR RIGHT-OF-WAY.
11. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS.
12. BEFORE CONSTRUCTION, THE CONTRACTOR SHALL CONTACT KY 811.
13. ALL DISTURBED AREAS NOT TO RECEIVE PAVEMENT SHALL BE BACKFILLED WITH MINIMUM 6" TOPSOIL, FINE GRADED TO DRAIN, SEEDED, SODDED OR LANDSCAPED, FERTILIZED, AND PROTECTED.
14. THE CONTRACTOR SHALL NOT SCALE FROM THESE PLANS FOR FIELD SURVEY LOCATIONS.
15. ALL SOFT AND UNSUITABLE MATERIAL IN AREAS TO RECEIVE FILL MUST BE OVER-EXCAVATED TO A STABLE SUB-BASE, AND BACKFILLED WITH AN APPROVED ENGINEERED BACKFILL. ALL BACKFILL MUST MEET THE COMPACTION REQUIREMENTS OF THE SPECIFICATIONS OR AS SHOWN ON THIS DRAWING, WHICHEVER IS THE MORE STRINGENT REQUIREMENT.

SHERMAN CARTER BARNHART
ARCHITECTS

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HOPKINS COUNTY SCHOOLS
CENTRAL OFFICE
2135 NORTH MAIN STREET
MADISONVILLE, KY

SITE GRADING PLAN

JOB NO.	24430
DATE	10.09.2024
DRAWN	SAK
CHECKED	KDM

REVISIONS

No.	Description	Date

SHEET
C3.0

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Day & Time: Oct 10, 2024 - 8:24am
User Name: Stephen Kirk
Sheet Name: C3.0 SITE GRADING PLAN

BURIED UTILITIES NOTE

BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD EVIDENCE. OTHER BURIED UTILITIES MIGHT EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT KENTUCKY 811 @ 811 OR 1-800-752-6007 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.

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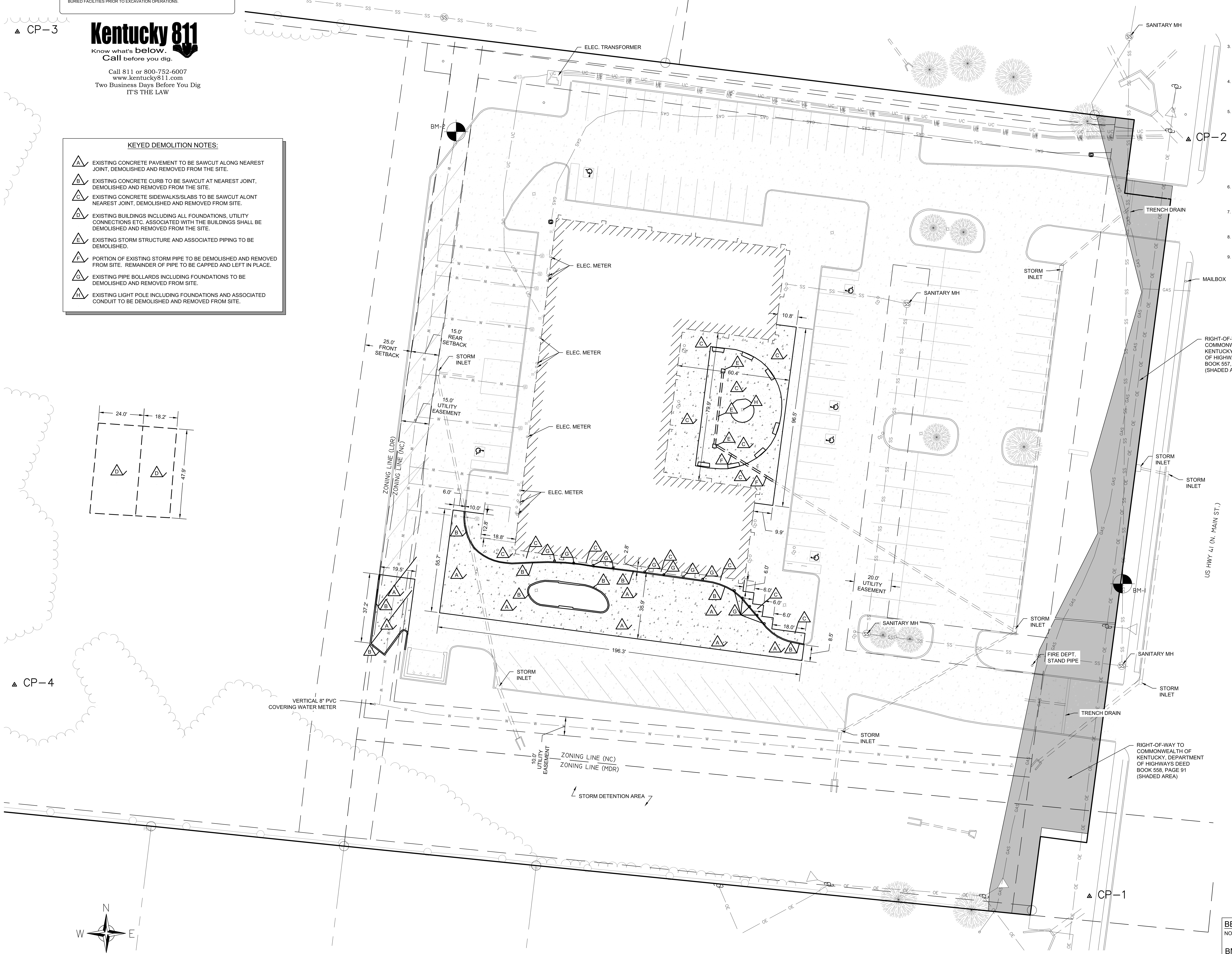
KEYED DEMOLITION NOTES:

- A — EXISTING CONCRETE PAVEMENT TO BE SAWCUT ALONG NEAREST JOINT, DEMOLISHED AND REMOVED FROM THE SITE.
- B — EXISTING CONCRETE CURB TO BE SAWCUT AT NEAREST JOINT, DEMOLISHED AND REMOVED FROM THE SITE.
- C — EXISTING CONCRETE SIDEWALKS/SLABS TO BE SAWCUT ALONT NEAREST JOINT, DEMOLISHED AND REMOVED FROM SITE.
- D — EXISTING BUILDINGS INCLUDING ALL FOUNDATIONS, UTILITY CONNECTIONS ETC. ASSOCIATED WITH THE BUILDINGS SHALL BE DEMOLISHED AND REMOVED FROM THE SITE.
- E — EXISTING STORM STRUCTURE AND ASSOCIATED PIPING TO BE DEMOLISHED.
- F — PORTION OF EXISTING STORM PIPE TO BE DEMOLISHED AND REMOVED FROM SITE. REMAINDER OF PIPE TO BE CAPPED AND LEFT IN PLACE.
- G — EXISTING PIPE BOLLARDS INCLUDING FOUNDATIONS TO BE DEMOLISHED AND REMOVED FROM SITE.
- H — EXISTING LIGHT POLE INCLUDING FOUNDATIONS AND ASSOCIATED CONDUIT TO BE DEMOLISHED AND REMOVED FROM SITE.



GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 INCH = 20 FT.

SITE DEMOLITION PLAN
SCALE: 1" = 20'

GENERAL NOTES:

1. IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE WORK. IF HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ARCHITECT/ENGINEER/OWNER.
2. THIS DRAWING WAS PREPARED FROM A TOPOGRAPHIC SURVEY BY BFW ENGINEERING & TESTING INC.. EXISTING SITE FEATURES TO BE REMOVED MAY BE PRESENT THAT WERE NOT READILY VISIBLE AT THE TIME OF SURVEY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL ITEMS THAT MUST BE REMOVED TO ACCOMMODATE THE PROPOSED CONSTRUCTION. THE CONTRACTOR MAY REMOVE ANY MISCELLANEOUS ITEMS LOCATED WITHIN THE CONSTRUCTION LIMITS THAT MUST BE REMOVED TO ACCOMMODATE THE NEW CONSTRUCTION AS PART OF THIS CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER/OWNER, PRIOR TO REMOVING ANY ITEMS PRESENT THAT WERE NOT DELINEATED ON THIS PLAN.
3. CONTRACTOR SHALL PROTECT ALL SURROUNDING AREAS DURING THE COURSE OF CONSTRUCTION. CONTRACTOR SHALL REPAIR OR REPLACE, TO A CONDITION EQUAL TO OR GREATER THAN THE PRE-CONSTRUCTION CONDITION, ANY DAMAGES TO ON-SITE OR OFF-SITE PROPERTIES OR APPURTENANCES CAUSED BY THE CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
4. CONTRACTOR SHALL CONDUCT DEMOLITION AND DEBRIS REMOVAL OPERATIONS WITH MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. CONTRACTOR SHALL NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON SITE.
5. UNDERGROUND UTILITIES ARE PRESENT WITHIN THE DEMOLITION AND NEW CONSTRUCTION LIMITS, INCLUDING SANITARY SEWER, STORM SEWER, WATER, UNDERGROUND AND ABOVEGROUND TELEPHONE AND ELECTRICITY. OTHER UTILITIES MAY BE PRESENT THAT WERE NOT VISIBLE OR ABLE TO BE IDENTIFIED BY THE SURVEY. CONTRACTOR SHALL USE EXTREME CAUTION DURING DEMOLITION AND CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED PRIOR TO DEMOLITION OPERATIONS. ALL SITE UTILITIES TO REMAIN SHALL BE PROTECTED AND MAINTAINED THROUGHOUT THE PROJECT. ANY DAMAGE TO UTILITIES DURING THE COURSE OF CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR OR UTILITY COMPANY, AT THE EXPENSE OF THE CONTRACTOR, WITH NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL COORDINATE THE REMOVAL OF EXISTING UTILITY SERVICES WITH THE UTILITY PROVIDER PRIOR TO CONSTRUCTION.
6. ALL DEMOLITION AND CONSTRUCTION DEBRIS SHALL BE HAULED OFF-SITE AND DISPOSED OF IN A LEGAL MANNER. ALL HAULING AND DISPOSAL FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, WITH NO ADDITIONAL COST TO THE OWNER.
7. IF TREES ARE SCHEDULED TO BE REMOVED IN THE PLAN, THEN ORGANIC MATERIAL FROM CLEARING AND GRUBBING OF THIS VEGETATION SHALL BE REMOVED FROM THE SITE. IN NO CASE SHALL ANY ORGANIC MATERIAL BE BURIED ON-SITE.
8. IF CLEARING AND GRUBBING OF THE SITE IS SPECIFIED IN THIS PLAN. ANY REMAINING ROOT ZONES SHALL BE FULLY GRUBBED TO ACCOMMODATE PLACEMENT AND COMPACTION OF FILL MATERIAL.
9. MULTIPLE SITE DEMOLITION ITEMS WERE SPECIFIED IN THIS PLAN. IF ITEMS REMAIN ON-SITE THAT ARE NOT SPECIFIED ON THIS DEMOLITION DRAWING, THAT INTERFERE WITH CONSTRUCTION, NOTIFY ARCHITECT OR ENGINEER IMMEDIATELY FOR COORDINATION ON REMOVAL OF SUCH ITEMS.

CONTROL POINT COORDINATES:

Point	Northing	Easting	Elev.
CP-1	3657928.039	4413284.718	474.78
CP-2	3658334.323	4413337.889	476.02
CP-3	3658392.134	4412708.997	493.02
CP-4	3658041.536	4412707.425	487.50

BENCHMARK INFORMATION:

NOTE: ELEVATIONS ARE BASED FROM U.S.G.S. DATUM (NAVD 88)

BM-1 ARROWHEAD ON MUELLER HYDRANT ELEVATION = 475.86

BENCHMARK INFORMATION:

NOTE: ELEVATIONS ARE BASED FROM U.S.G.S. DATUM (NAVD 88)

BM-2 ARROWHEAD ON MUELLER HYDRANT ELEVATION = 482.80

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SITE DEMOLITION PLAN

JOB NO.	24430
DATE	10.09.2024
DRAWN	SAK
CHECKED	KDM

REVISIONS

No.	Description	Date

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Day & Time: Oct 10, 2024 - 8:04am
Login Name: sak
Sheet Layout: C1.0 SITE DEMOLITION PLAN

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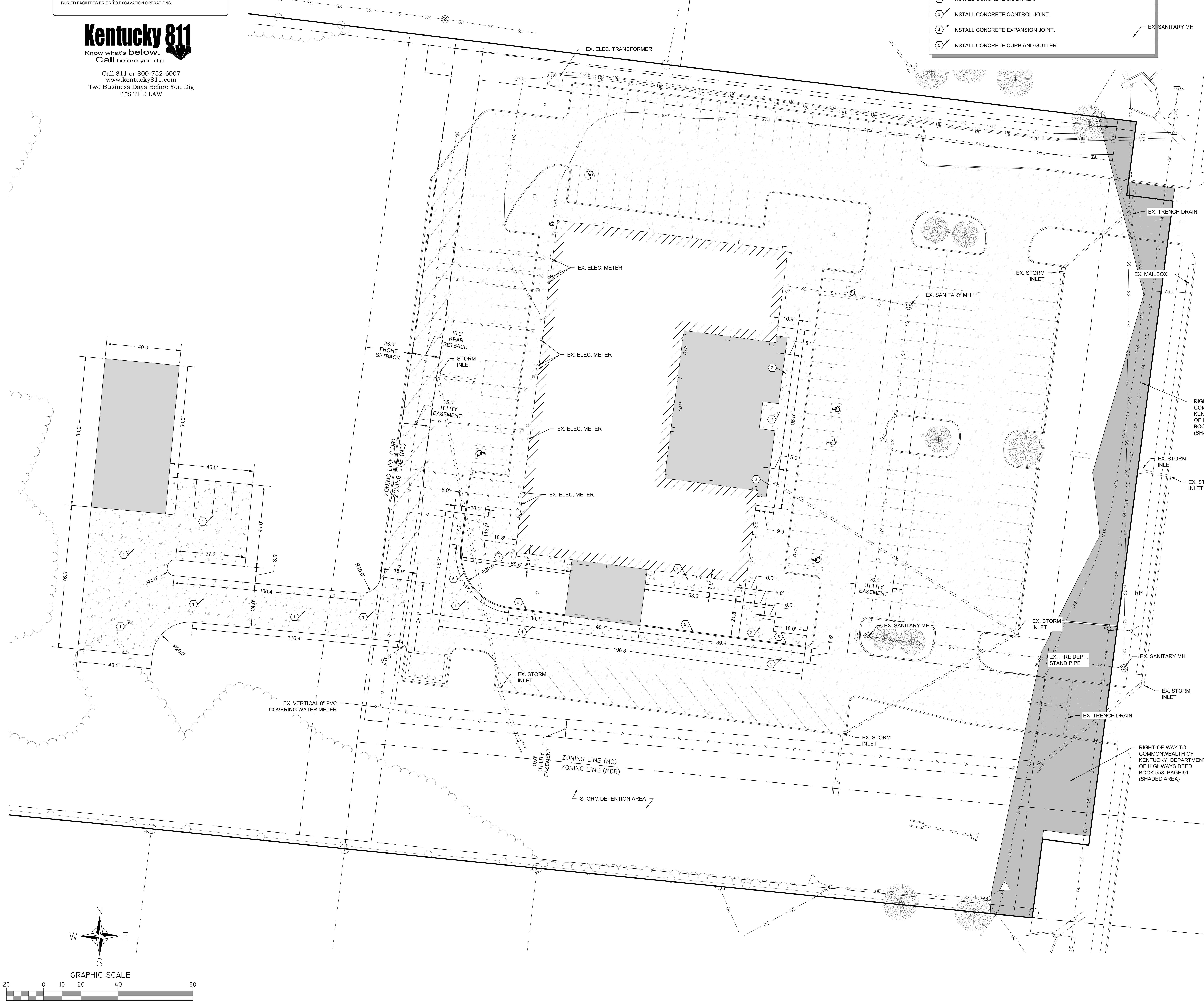
SITE PLAN KEY NOTES

1. INSTALL STANDARD DUTY CONCRETE PAVING.
2. INSTALL CONCRETE SIDEWALK.
3. INSTALL CONCRETE CONTROL JOINT.
4. INSTALL CONCRETE EXPANSION JOINT.
5. INSTALL CONCRETE CURB AND GUTTER.



SITE DEVELOPMENT PLAN
SCALE: 1" = 20'

SITE DEVELOPMENT NOTES:

1. ALL ASPHALT/CONCRETE SURFACE OF EXISTING ROADWAYS AND PARKING AREA DAMAGED DURING CONSTRUCTION SHALL BE SAWCUT, REMOVED AND REPLACED. THE NUMBER OF SAWCUTS SHALL BE MINIMIZED IN ORDER TO MAKE ONE CONTINUOUS PATCH AS DIRECTED BY THE PROJECT MANAGER AND OR LOCAL & STATE OFFICIALS.
2. ALL AREAS DESIGNATED AS LANDSCAPE SHALL RECEIVE A MINIMUM OF 6" TOPSOIL.
3. COMPACTION REQUIREMENTS:
   BUILDING - 98%
   PAVEMENT & SIDEWALK AREAS - 95%
   ALL OTHER AREAS - 90%
   COMPACTION SHALL BE PER ASTM D-698, STANDARD PROCTOR (%, MAXIMUM DRY DENSITY).
4. ALL SITE CONCRETE SHALL BE AIR ENTRAINED 4500 psi @ 28 DAYS, $1\frac{1}{2}$" MAX. AGGREGATE SIZE WITH "WELDED WIRE FABRIC" REINFORCING.
5. ALL LOCAL BUILDING PERMITS, FEES AND ETC. ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL WORK SHALL BE IN CONFORMANCE WITH THE CITY OF MADISONVILLE STANDARDS AND PROCEDURES.
6. ALL WORK WITHIN ROADWAY EASEMENTS & R/W SHALL CONFORM TO LOCAL STANDARDS. IF DISTURBED, ALL ASPHALT PAVEMENT, SIDEWALK & CURB & GUTTER, ETC. TO BE REINSTALLED SHALL MATCH EXISTING WIDTHS, THICKNESSES, ETC.
7. CONTRACTOR SHALL IMPLEMENT TRAFFIC CONTROL MEASURES IN ACCORDANCE WITH APPLICABLE STATE & LOCAL STANDARDS, PROCEDURES AND REGULATIONS WHILE WORKING WITHIN ROADWAY EASEMENTS & R/W OR WHEN WORK AFFECTS TRAFFIC FLOW OR SAFETY.
8. ALL STREETS AND ROADWAYS ADJACENT TO PROJECT SHALL BE CLEANED OF DIRT AND DEBRIS AT THE END OF EACH DAY.
9. ALL ASPHALT PAVEMENT, SIDEWALK & CURB & GUTTER, ETC. TO BE REINSTALLED SHALL MATCH EXISTING WIDTHS, THICKNESSES, ETC.
10. PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND FIELD LOCATING ALL UTILITIES WITHIN THE PROJECT LIMITS SO THAT CONSTRUCTION WILL NOT DAMAGE OR INTERFERE WITH EXISTING UTILITY LINES. IF ANY UTILITY LINES ARE DAMAGED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE UTILITY LINES AT THE CONTRACTOR'S EXPENSE. FINISHED REPLACEMENT OR REPAIR SHALL MEET THE APPROVAL OF THE SPECIFIC UTILITY OWNER.
11. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS.
12. BEFORE CONSTRUCTION, THE CONTRACTOR SHALL CONTACT KY 811.
13. THE CONTRACTOR SHALL NOT SCALE FROM THESE PLANS FOR FIELD SURVEY LOCATIONS.
14. THE ENGINEER SHALL PROVIDE DIGITAL INFORMATION TO THE CONTRACTOR IN THE FORM OF AN AUTOCAD FILE FOLLOWING THE CONTRACTOR SIGNING A INDEMNIFICATION/WAIVER FORM.
15. IF GPS EQUIPMENT WILL BE UTILIZED BY THE CONTRACTOR, THEY SHALL BE RESPONSIBLE FOR ALL FEES RELATED TO ESTABLISHING THE CONTROL THEY REQUIRE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND CONFIRMING ALL VERTICAL AND HORIZONTAL CONTROL INCLUDING BENCHMARKS. IF ANY WORK PERFORMED IS IN ERROR DUE TO INCORRECT CONTROL IT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER OR ENGINEER.
16. ALL BENCHMARKS ESTABLISHED AND INCLUDED ON THE PLANS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR PRIOR TO THEIR USE DURING CONSTRUCTION. IF ANY WORK PERFORMED IS IN ERROR DUE TO INCORRECT DATUM IT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER OR ENGINEER.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL EXISTING IMPROVEMENTS THAT NEW CONSTRUCTION SHALL ABUT OR CONNECT TO. THIS SHALL INCLUDE BUT NOT BE LIMITED TO EXISTING BUILDINGS, EDGE OF PAVEMENTS, CURBS AND GUTTERS, STORM SEWER, FENCES, WALLS AND ETC.

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SITE DEVELOPMENT PLAN

JOB NO.	24430
DATE	10.09.2024
DRAWN	SAK
CHECKED	KDM

REVISIONS

No.	Description	Date

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C2.0

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Day & Time: Oct 10, 2024 - 8:19am
Login Name: skirk
Sheet Layout: C2.0 SITE DEVELOPMENT PLAN

CODES AND MANUALS

KENTUCKY BUILDING CODE, 2018 EDITION
INTERNATIONAL BUILDING CODE, 2015 EDITION
STANDARD ON THE DESIGN AND CONSTRUCTION OF STORM SHELTERS, ICC 500-12 **Not applicable.**
ASCE STANDARD MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES: SEI/ASCE 7-10
BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318-14
BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, ACI 530-13
SPECIFICATION FOR MASONRY STRUCTURES, ACI 530.1-13
AISC MANUAL OF STEEL CONSTRUCTION 14TH EDITION
SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, AISC 360-10
SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS, AISC 341-10
SJI STANDARD SPECIFICATIONS FOR STEEL JOISTS AND JOIST GIRDERS, 2010 EDITIONS
SDI DIAPHRAGM DESIGN MANUAL, 3RD EDITION
STANDARD NORTH AMERICAN SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AISI S100-12
NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2015 EDITION
AWS D1.1 AND D1.3

DESIGN CRITERIA

1. GENERAL:
   A. RISK CATEGORY: II

2. DEAD LOADS: MATERIALS ASSUMED IN THE DESIGN ARE SHOWN ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. ANY CHANGES IN CONSTRUCTION MATERIALS FROM THOSE SHOWN ON THE ARCHITECTURAL OR STRUCTURAL DRAWINGS SHALL BE REPORTED BY THE GENERAL CONTRACTOR TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOAD CARRYING CAPACITY OF THE STRUCTURE.

3. LIVE LOADS:
   A. FIRST FLOOR SLAB-ON-GRADE = 100 PSF; 2,000 LBS
   B. OFFICES = 50 PSF; 2,000 LBS
   C. CLASSROOMS = 40 PSF; 1,000 LBS **Not applicable.**
   D. CORRIDORS ABOVE FIRST FLOOR = 80 PSF; 2,000 LBS
   E. STAIRS AND EXIT WAYS = 100 PSF; 300 LBS
   F. LIGHT STORAGE = 125 PSF
   G. HEAVY STORAGE = 250 PSF
   H. ROOFS = 20 PSF

4. SNOW LOADS:
   A. GROUND SNOW LOAD PG = 15 PSF
   B. IMPORTANCE FACTOR IS = 1.0
   C. EXPOSURE FACTOR CE = 1.0
   D. THERMAL FACTOR CT = 1.0
   E. FLAT ROOF SNOW LOAD PF = 15.5 PSF (INCLUDES 5 PSF RAIN-ON-SNOW SURCHARGE)
   F. PITCHED ROOF SNOW LOAD PP = 25 PSF

5. WIND LOADS:
   A. ULTIMATE WIND SPEED VULT = 115 MPH
   B. NOMINAL WIND SPEED VASD = 89 MPH
   C. EXPOSURE CATEGORY = C
   D. INTERNAL PRESSURE COEFFICIENT = +-0.18
   E. COMPONENTS AND CLADDING PRESSURES:
      a. ROOF ZONE 1: 10 SQ.FT. = 16.0 PSF; -29.8 PSF
      b. ROOF ZONE 1: 20 SQ.FT. = 16.0 PSF; -29.0 PSF
      c. ROOF ZONE 1: 50 SQ.FT. = 16.0 PSF; -28.0 PSF
      d. ROOF ZONE 1: 100 SQ. Ft. = 16.0 PSF; -27.3 PSF
      e. ROOF ZONE 2: 10 SQ. Ft. = 16.0 PSF; -50.0 PSF
      f. ROOF ZONE 2: 20 SQ. Ft. = 16.0 PSF; -44.6 PSF
      g. ROOF ZONE 2: 50 SQ. Ft. = 16.0 PSF; -37.6 PSF
      h. ROOF ZONE 2: 100 SQ. Ft. = 16.0 PSF; -32.3 PSF
      i. ROOF ZONE 3: 10 SQ. Ft. = 16.0 PSF; -75.2 PSF
      j. ROOF ZONE 3: 20 SQ. Ft. = 16.0 PSF; -62.3 PSF
      k. ROOF ZONE 3: 50 SQ. Ft. = 16.0 PSF; -45.2 PSF
      l. ROOF ZONE 3: 100 SQ. Ft. = 16.0 PSF; -32.3 PSF
      WALLS ZONE 4: 10 SQ.FT. = 27.3 PSF; -29.5 PSF
      WALLS ZONE 4: 50 SQ.FT. = 24.4 PSF; -26.7 PSF
      WALLS ZONE 4: 100 SQ. FT. = 23.2 PSF; -25.5 PSF
      WALLS ZONE 4: 500 SQ. Ft. = 20.4 PSF; -22.7 PSF
      WALLS ZONE 5: 10 SQ. Ft. = 27.3 PSF; -36.3 PSF
      WALLS ZONE 5: 50 SQ. Ft. = 24.4 PSF; -30.7 PSF
      WALLS ZONE 5: 100 SQ. Ft. = 23.2 PSF; -28.3 PSF
      WALLS ZONE 5: 500 SQ. Ft. = 20.4 PSF; -22.7 PSF

6. SEISMIC LOADS:
   A. SITE CLASS = D **Do not have geotech yet.**
   B. IMPORTANCE FACTOR IE = 1.0
   C. SPECTRAL RESPONSE ACCEL. FOR SHORT PERIODS SS = 0.55
   D. SPECTRAL RESPONSE ACCEL. FOR 1 SEC. PERIODS S1 = 0.207
   E. DESIGN SPECTRAL RESPONSE ACCEL. FOR SHORT PERIODS SDS = 0.498
   F. DESIGN SPECTRAL RESPONSE ACCEL. FOR 1 SEC. PERIODS SD1 = 0.274
   G. SEISMIC DESIGN CATEGORY =D
   H. SEISMIC FORCE RESISTING SYSTEM = STEEL ORDINARY MOMENT FRAMES
   I. RESPONSE MODIFICATION FACTOR R = 3.5
   J. SEISMIC RESPONSE COEFFICIENT CS = 0.142
   K. ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE
   L. DESIGN BASE SHEAR 11.4 KIPS

7. GEOTECHNICAL:
   A. NET ALLOWABLE SOIL BEARING PRESSURE (IBC PRESUMPTIVE VALUES)
      = 1,500 PSF FOR SPREAD FOOTINGS
      = 1,500 PSF FOR STRIP FOOTINGS

MATERIAL SPECIFICATIONS

CAST-IN-PLACE CONCRETE:
   4,000 PSI - 28 DAY COMPRESSIVE STRENGTH
   0.50 MAXIMUM WATER/CEMENT RATIO
   4 INCH SLUMP, PLUS OR MINUS 1 INCH
   6% AIR CONTENT FOR FOUNDATIONS, PLUS OR MINUS 1.5%
   3% MAXIMUM AIR CONTENT FOR FLOOR SLAB

CONCRETE MASONRY: f'm = 2,500 PSI
   CMU: ASTM C90, NORMAL-WEIGHT, 3,250 PSI
   MORTAR: TYPE S
   GROUT: 2,500 PSI

REINFORCING STEEL:
   ASTM A615, GRADE 60, DEFORMED

STRUCTURAL STEEL:
   W-SHAPES: ASTM A992
   CHANNELS, ANGLES: ASTM A36
   PLATE AND BAR: ASTM A36
   BOLTS: ASTM A325

METAL DECK:
   ASTM A653, STRUCTURAL STEEL (SS), GRADE 33
   G90 ZINC COATING FOR ROOF DECK

EXISTING CONSTRUCTION

1. BEFORE PROCEEDING WITH ANY WORK WITHIN THE EXISTING FACILITY, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH EXISTING STRUCTURAL AND OTHER CONDITIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY BRACING, SHORING AND OTHER SAFEGUARDS TO MAINTAIN ALL PARTS OF THE EXISTING WORK IN A SAFE CONDITION DURING THE PROCESS OF DEMOLITION AND CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING WORK WHICH ARE TO REMAIN.

2. THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS, ELEVATIONS, ETC. NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTIONS OF THE WORK TO THE EXISTING WORK. THE CONTRACTOR SHALL MAKE ALL MEASUREMENTS NECESSARY FOR FABRICATION AND ERECTION OF STRUCTURAL MEMBERS ANY DISCREPANCY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.

3. WELDING TO AND WITHIN AN EXISTING FACILITY PRESENTS POTENTIAL HAZARDS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY MEANS TO MITIGATE THESE HAZARDS.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND ERECTION OF ALL SHORING NECESSARY TO SAFEGUARD THE EXISTING STRUCTURE. THE CONTRACTOR SHALL SUBMIT A DETAILED PLAN FOR SHORING, BRACING AND PROTECTION OF THE EXISTING CONSTRUCTION. THE PLAN SHALL INCLUDE A CONSTRUCTION SEQUENCE, BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE THE PROJECT IS LOCATED IN, AND BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO BEGINNING THE WORK.

GENERAL

1. THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS AND DIGITAL MEDIA (PLANS) PREPARED BY BFW ENGINEERING & TESTING, INC. (ENGINEER) FOR THIS PROJECT ARE INSTRUMENTS OF THE ENGINEER'S SERVICE, AND MAY BE USED SOLELY WITH RESPECT TO THIS PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ENGINEER SHALL BE DEEMED THE AUTHOR OF THESE PLANS AND RETAIN ALL COMMON LAW RIGHTS, TITLES AND INTEREST THEREIN. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES, INCLUDING REPRODUCIBLE COPIES, OF THE ENGINEER'S DRAWINGS, SPECIFICATIONS, OTHER DOCUMENTS AND DIGITAL MEDIA FOR INFORMATION & REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT. THE ENGINEER'S DRAWINGS, SPECIFICATIONS, OTHER DOCUMENTS AND DIGITAL MEDIA SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THE PROJECT BY OTHERS, EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION, WAIVER OF CLAIMS AND INDEMNITY TO THE ENGINEER. BFW ENGINEERING & TESTING, INC. SHALL NOT BE LIABLE FOR ANY HARM OR DAMAGE SUFFERED BY ANY PARTY BY REASON OF THE UNAUTHORIZED USE OF THESE PLANS. BFW ENGINEERING & TESTING, INC. EXPRESSLY RESERVES IT'S COPYRIGHTS IN THESE PLANS. THESE PLANS MAY NOT BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER, INCLUDING SHOP DRAWINGS, NOR MAY THEY BE ASSIGNED OR OTHERWISE MADE AVAILABLE TO ANY THIRD PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN CONSENT OF BFW ENGINEERING & TESTING, INC.

2. STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND DRAWINGS FROM OTHER DISCIPLINES. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS INTO THE SHOP DRAWINGS AND FIELD WORK.

3. STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES AND SEQUENCE.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK. THE ENGINEER WILL NOT ADVISE ON NOR ISSUE DIRECTION AS TO SAFETY PRECAUTIONS AND PROGRAMS.

5. COORDINATE DIMENSIONS OF ALL OPENINGS, DEPRESSIONS, BLOCKOUTS, ETC. WITH ARCHITECTURAL DRAWINGS, DRAWINGS FROM OTHER DISCIPLINES, PROJECT SHOP DRAWINGS, AND FIELD CONDITIONS PRIOR TO SHOP DRAWING SUBMITTAL.

6. SEE ARCHITECTURAL PLANS FOR INTERIOR NON-BEARING PARTITION WALLS. PARTITION FRAMING SHALL BE CONNECTED TO THE PRIMARY STRUCTURE TO ALLOW FOR VERTICAL LIVE LOAD DEFLECTIONS OF SPAN/360 FOR FLOOR FRAMING AND SPAN/240 FOR ROOF FRAMING.

7. CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.

8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.

9. DO NOT SCALE DRAWINGS.

10. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN. DETAILS ON DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. DETAILS NOTED "TYPICAL" APPLY TO ALL SIMILAR CONDITIONS. WHERE NO SPECIFIC DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ELSEWHERE ON THE PROJECT.

11. SHOP DRAWINGS SHALL BE FURNISHED AND REVIEWED BEFORE ANY FABRICATION OR ERECTION IS STARTED. THE CONTRACTOR SHALL REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ARCHITECT FOR REVIEW. POORLY EXECUTED SHOP DRAWINGS WILL BE REJECTED AND SHALL BE RESUBMITTED.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE SHORING FOR ALL PARTS OF THE STRUCTURE DURING CONSTRUCTION. THE STRUCTURE SHOWN ON THE DRAWINGS HAS BEEN DESIGNED FOR STABILITY UNDER FINAL CONFIGURATION.

13. PERIODIC SITE OBSERVATION BY THE STRUCTURAL ENGINEER IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.

14. NOTCHING OR CUTTING ANY STRUCTURAL MEMBER IN THE FIELD IS PROHIBITED.

15. THE CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF FOUNDATIONS UNDER MECHANICAL AND ELECTRICAL EQUIPMENT AS REQUIRED. NO CONCRETE PADS SHALL BE LOCATED ON ROOF UNLESS SHOWN ON THE STRUCTURAL DRAWINGS.

16. BACKFILL SHALL NOT BE PLACED BEHIND RETAINING WALLS UNTIL CONCRETE HAS ATTAINED 100 PERCENT OF DESIGN STRENGTH.

17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO ALL APPLICABLE STANDARDS SET FORTH BY OSHA, INCLUDING THE FOLLOWING REQUIREMENTS FROM STANDARDS - 29 CFR, SECTION 1926, SUBPART R:

    A. THE STEEL ERECTION CONTRACTOR SHALL NOT ERECT STEEL UNLESS THEY HAVE RECEIVED WRITTEN NOTIFICATION FROM THE CONTRACTOR THAT THE CONCRETE IN THE FOOTINGS, PIERS AND WALLS OR THE MORTAR IN THE MASONRY PIERS AND WALLS HAS ATTAINED, ON THE BASIS OF AN APPROPRIATE ASTM STANDARD TEST METHOD OF FIELD-CURED SAMPLES, EITHER 75 PERCENT OF THE INTENDED MINIMUM COMPRESSIVE DESIGN STRENGTH OR SUFFICIENT STRENGTH TO SUPPORT THE LOADS IMPOSED DURING STEEL ERECTION.
       a. PROVIDE STRUCTURAL ENGINEER A COPY OF WRITTEN NOTIFICATION WHEN IT IS PROVIDED TO THE STEEL ERECTOR.
    B. ANCHOR RODS (ANCHOR BOLTS) SHALL NOT BE REPAIRED, REPLACED OR FIELD-MODIFIED WITHOUT THE APPROVAL OF THE PROJECT STRUCTURAL ENGINEER OF RECORD.
       a. PRIOR TO ERECTION OF COLUMNS, THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE STEEL ERECTOR IF THERE HAS BEEN ANY REPAIR, REPLACEMENT OR MODIFICATION OF THE ANCHOR RODS (ANCHOR BOLTS).
       b. PROVIDE STRUCTURAL ENGINEER A COPY OF WRITTEN NOTIFICATION WHEN IT IS PROVIDED TO THE STEEL ERECTOR.
    C. NO MODIFICATION THAT AFFECTS THE STRENGTH OF A STEEL JOIST OR STEEL JOIST GIRDER SHALL BE MADE WITHOUT THE APPROVAL OF THE PROJECT STRUCTURAL ENGINEER OF RECORD.
    D. METAL DECKING HOLES AND OPENINGS SHALL NOT BE CUT UNTIL IMMEDIATELY PRIOR TO BEING PERMANENTLY FILLED WITH THE EQUIPMENT OR STRUCTURE, OR SHALL BE IMMEDIATELY COVERED.

STRUCTURAL AND MISCELLANEOUS STEEL

1. ALL STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS".

2. STEEL SHAPES SHALL CONFORM TO THE FOLLOWING UNLESS NOTED OTHERWISE:
   A. WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992, GRADE 50.
   B. MISCELLANEOUS STEEL MEMBERS, SUCH AS CHANNELS, ANGLES, FLAT BARS, AND PLATES SHALL CONFORM TO ASTM A36.
   C. RECTANGULAR AND SQUARE STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B. FY = 46 KSI.
   D. ROUND STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B. FY = 42 KSI.

3. BOLTS SHALL CONFORM TO ASTM A325 TENSION CONTROL BOLTS UNLESS NOTED OTHERWISE, WITH SIZES AS SHOWN ON THE DRAWINGS. WHERE CLEARANCE WITHIN A CONNECTION DOES NOT PERMIT THE USE OF TENSION CONTROL BOLTS, STANDARD A325 BOLTS SHALL BE USED AND INSPECTED IN ACCORDANCE WITH THE AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS".

4. ALL BOLTS SHALL BE INSTALLED IN A SNUG TIGHT CONDITION EXCEPT AT MOMENT CONNECTIONS, BRACED FRAME CONNECTIONS, AND AT CONNECTIONS DETAILED WITH A325SC BOLTS. AT THESE LOCATIONS, THE BOLTS SHALL BE TIGHTENED SO AS TO SHEAR THE SPLINE OFF THE BOLT.

5. ANCHOR BOLTS EMBEDDED IN CONCRETE SHALL BE ASTM F1554 GRADE 36 THREADED RODS WITH DOUBLE NUTS. PROVIDE FLAT WASHERS BETWEEN NUTS AND BASEPLATE SURFACES. ANCHOR BOLT LENGTHS SHOWN FOR ATTACHMENT TO CONCRETE AND/OR MASONRY ARE REQUIRED EMBEDMENT LENGTHS. THE CONTRACTOR SHALL PROVIDE ANCHOR BOLTS WITH ADDITIONAL BOLT LENGTH TO FACILITATE THE REQUIRED CONNECTION.

6. ANCHOR BOLT FLAT WASHERS SHALL BE PROVIDED IN ACCORDANCE WITH TABLE 14-2 OF AISC 360, AISC MANUAL OF STEEL CONSTRUCTION.

7. GROUT FOR BASE PLATES SHALL BE NONMETALLIC, SHRINKAGE-RESISTANT GROUT: ASTM C 1107/C 1107M, FACTORY-PACKAGED, NONMETALLIC AGGREGATE GROUT, NONCORROSIVE AND NONSTAINING, MIXED WITH WATER TO CONSISTENCY SUITABLE FOR APPLICATION AND A 30-MINUTE WORKING TIME. GROUT SHALL ALSO CONFORM TO CORPS OF ENGINEERS SPECIFICATION FOR NON-SHRINK GROUT, CRD-C621-83.
   A. TWENTY-EIGHT DAY COMPRESSIVE STRENGTH AS DETERMINED BY GROUT CUBE TESTS SHALL BE:
      a. 6,000 PSI FOR SUPPORTING CONCRETE 3000 PSI AND LESS;
      b. 8,000 PSI FOR SUPPORTING CONCRETE GREATER THAN 3000 PSI AND LESS THAN OR EQUAL TO 4000 PSI;
      c. 10,000 PSI FOR SUPPORTING CONCRETE GREATER THAN 4000 PSI.

8. ALL BOLT HOLES THAT ARE REQUIRED TO BE FIELD DRILLED SHALL BE DRILLED WITH A MAG DRILL. FLAME CUTTING OF HOLES OR ENLARGING OF UNFAIR HOLES WILL NOT BE ALLOWED.

9. HEADED CONCRETE ANCHORS AND SHEAR CONNECTORS SHALL BE MADE FROM STEEL CONFORMING TO ASTM A108 AND MEET THE MECHANICAL PROPERTIES OF TYPE B, AS REQUIRED BY CHAPTER 7 OF AWS D1.1 "STRUCTURAL WELDING CODE-STEEL". STRUCTURAL STEEL TO RECEIVE SHEAR CONNECTORS SHALL BE FREE OF PAINT. WELDING PREQUALIFICATION REQUIRED.

10. PROVIDE A SLIDE BEARING CONNECTION FOR STEEL BEAMS BEARING ON MASONRY WALLS. SEE TYPICAL DETAIL FOR CONNECTION.

11. SHELF ANGLES SUPPORTING FACE BRICK SHOWN ON THE DRAWINGS TO BE CONTINUOUS SHALL BE FURNISHED IN ONE PIECE BETWEEN BRICK CONTROL JOINTS. SEE ARCHITECT'S DRAWINGS FOR CONTROL JOINT LOCATION. PROVIDE A 1/4" GAP AT EACH JOINT. THE GAP SHALL NOT BE WELDED. PROVIDE SUPPORT FOR SHELF ANGLE NOT MORE THAN 1'-0" FROM EACH END AND IN BETWEEN AS SHOWN ON THE DRAWINGS. SHELF ANGLES SHALL BE CONTINUOUS AROUND CORNERS WITH CORNER JOINT COMPLETE PENETRATION WELDED.

12. THE FABRICATOR SHALL BE RESPONSIBLE FOR ALL ERRORS OF DETAILING ON THE SHOP DRAWINGS, ERRORS IN FABRICATION, AND FOR THE CORRECT FITTING OF STRUCTURAL STEEL MEMBERS.

PRE-ENGINEERED METAL BUILDING

1. DESIGN BUILDING SYSTEM(S) IN ACCORDANCE WITH THE APPLICABLE LOCAL BUILDING CODES AND THE MBMA METAL BUILDING SYSTEMS MANUAL (LATEST EDITION).

2. DESIGN BUILDING SYSTEM FOR LIVE AND DEAD LOADS INDICATED IN DESIGN CRITERIA AT A MINIMUM IN ADDITION TO BUILDING DEAD LOADS, WIND LOADS, SNOW, AND SEISMIC LOADS. ROOF PURLINS SHALL BE DESIGNED FOR AN ADDITIONAL CONCENTRATED LIVE LOAD OF 300 POUNDS LOCATED ANYWHERE ALONG THE LENGTH OF THE PURLIN IN ADDITION TO ANY MECHANICAL EQUIPMENT LOADS APPLIED. USE SPREADER BEAMS WHERE CONCENTRATED LOADS EXCEED PURLIN CAPACITY.

3. DESIGN BUILDING SYSTEM WITH PINNED COLUMN BASES. PRELIMINARY FOUNDATION DRAWINGS HAVE ASSUME PINNED COLUMN BASES.

4. BUILDING LATERAL DEFLECTIONS AND RACKING LIMITS SHALL BE IN ACCORDANCE WITH "SERVICEABILITY CONSIDERATIONS" SUMMARY TABLES CONTAINED IN AISC STEEL DESIGN GUIDE SERIES 3 "SERVICEABILITY DESIGN CONSIDERATIONS FOR STEEL BUILDINGS". DEFLECTIONS SHALL BE LIMITED TO ENSURE THAT BUILDING COMPONENTS DO NOT CONTACT INTERIOR PARTITIONS OR FREE STANDING EXTERIOR MASONRY WALLS. DEFLECTION LIMITS SHALL NOT EXCEED DEFLECTION TOLERANCES OF EQUIPMENT SUPPORTED BY THE BUILDING.

5. FOUNDATIONS AND PIERS SHOWN ARE GRAPHIC REPRESENTATION FOR THE BUILDING AND ARE TO BE USED AS A GUIDE FOR THE BUILDING SUPPLIED. THE CONTRACTOR SHALL DESIGN BUILDING FOUNDATIONS AND PIERS FOR ACTUAL BUILDING LOADS PROVIDED BY METAL BUILDING MANUFACTURER.

6. A GEOTECHNICAL REPORT SHALL BE PREPARED BY THE CONTRACTOR'S LICENSED GEOTECHNICAL ENGINEER.

7. DESIGN AND PROVIDE STRUCTURAL MEMBERS FOR THE SUPPORT OF HVAC UNITS, DUCTS, FANS, PIPING, ELECTRICAL COMPONENTS, SUPPORTED PARTITIONS, ETC.

FOUNDATION

1. ALL FOOTINGS SHALL BEAR ON UNDISTURBED, FIRM NATURAL SOIL OR COMPACTED FILL CAPABLE OF SUPPORTING A DESIGN BEARING PRESSURE AS INDICATED IN THE DESIGN CRITERIA. ALL FOUNDATION EXCAVATIONS SHALL EVALUATED BY THE GEOTECHNICAL ENGINEER / TESTING AGENCY PRIOR TO POURING FOUNDATION CONCRETE.

2. FOR INFORMATION ON SOIL CONDITION AND SPECIAL SOIL CONDITIONS ON EXCAVATION, FILLING, AND BACKFILLING SEE THE GEOTECHNICAL EXPLORATION REPORT. FOR CONDITIONS WHERE ENGINEERED FILL IS REQUIRED, PLACEMENT AND COMPACTION SHALL BE OVERSEEN BY THE TESTING AGENCY.

3. TOP OF FOOTING ELEVATION SHALL BE AS SHOWN ON THE FOUNDATION PLAN. THESE ELEVATIONS ARE A MAXIMUM AND SHALL BE LOWERED AS REQUIRED TO OBTAIN THE REQUIRED DESIGN BEARING PRESSURE.

4. ALL SPREAD FOOTINGS SHALL BE CENTERED BENEATH THE COLUMNS. ALL CONTINUOUS WALL FOOTINGS SHALL BE CENTERED BENEATH THE WALLS, UNLESS NOTED OTHERWISE.

5. NO UNBALANCED BACKFILLING SHALL BE DONE AGAINST FOUNDATION WALLS UNLESS WALLS ARE SECURELY BRACED AGAINST OVERTURNING, EITHER BY TEMPORARY BRACING OR BY PERMANENT CONSTRUCTION.

6. PRIOR TO COMMENCING ANY FOUNDATION WORK, COORDINATE WORK WITH ANY EXISTING UTILITIES. FOUNDATIONS SHALL BE LOWERED WHERE REQUIRED TO AVOID UTILITIES.

7. ALL RETAINING WALLS SHALL HAVE AT LEAST 12" OF FREE DRAINING GRANULAR BACKFILL, FULL HEIGHT OF WALL. PROVIDE CONTROL JOINTS IN RETAINING WALLS AT APPROXIMATELY EQUAL INTERVALS NOT TO EXCEED 25 FEET NOR 3 TIMES THE WALL HEIGHT. PROVIDE EXPANSION JOINTS AT EVERY FOURTH CONTROL JOINT.

8. PLACE FOOTINGS IN THE SAME DAY EXCAVATIONS ARE OPENED. IF THIS IS NOT POSSIBLE, ADEQUATELY PROTECT THE EXPOSED MATERIAL IN THE BASES OF THE FOOTING EXCAVATIONS FROM ANY DETRIMENTAL CHANGE IN CONDITION SUCH AS DISTURBANCE FROM RAIN OR FREEZING. PREVENT SURFACE RUNOFF FROM ENTERING EXCAVATIONS.

9. MECHANICAL OPENINGS THROUGH CONCRETE WALLS & SLABS LARGER THAN 8 INCHES IN DIAMETER, NOT SHOWN ON THE STRUCTURAL DRAWINGS, MUST BE APPROVED BY THE ENGINEER. OPENINGS 8 INCHES IN DIAMETER OR LESS SHALL HAVE AT LEAST 1 FOOT CLEAR BETWEEN OPENINGS UNLESS APPROVED BY THE ENGINEER. COORDINATE THE INSTALLATION OF SLEEVES WITH THE CONSTRUCTION OF FORMWORK & INSTALLATION OF REINFORCING STEEL.

10. ALL OPENINGS THROUGH CONCRETE FOOTINGS, CONCRETE FOUNDATION WALLS, AND CMU FOUNDATION WALLS NOT SHOWN ON PLAN MUST BE COORDINATED AND APPROVED BY S.E.O.R. COORDINATE THE INSTALLATION OF SLEEVES WITH THE CONSTRUCTION FORMWORK AND INSTALLATION OF REINFORCING STEEL.

11. ALL VERTICAL REINFORCEMENT DOWELS IN WALLS AND PIERS SHALL BE TIED TO THE BOTTOM REINFORCEMENT MAT OF THE FOOTINGS. "FLOATING" THE DOWELS INTO PLACE DURING CONCRETE PLACEMENT WILL NOT BE PERMITTED.

SLAB-ON-GRADE

1. THE SLAB-ON-GRADE CONSTRUCTION SHALL BE 4" NORMAL WEIGHT CONCRETE ON PLASTIC VAPOR RETARDER ON 4" OF COMPACTED POROUS AGGREGATE FILL. REINFORCE THE SLAB WITH WWF 6x6-W2.9XW2.9 (FLAT SHEETS ONLY). WWF SHALL BE ADEQUATELY SUPPORTED BY AND TIED TO WIRE SLAB BOLSTERS. THE USE OF MASONRY BLOCKS TO SUPPORT THE WWF IS PROHIBITED.

2. PROVIDE CONTROL JOINTS (AND CONSTRUCTION JOINTS IF NEEDED) IN THE SLAB-ON-GRADE PER THE TYP. SLAB-ON-GRADE JOINT CONSTRUCTION DETAIL. CONTROL JOINTS SHALL BE LOCATED AT COLUMN CENTERLINES AND SPACED AT 12'-0" MAXIMUM IN BETWEEN. FOR SLABS 6" AND THICKER THE MAXIMUM SPACING OF CONTROL JOINTS MAY BE INCREASED TO 15'-0".

3. ALL WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH ASTM A-185. LAP ADJOINING PIECES AT LEAST ONE FULL MESH.

4. SLAB JOINTS SHALL BE FILLED WITH APPROVED MATERIAL. THIS SHOULD TAKE PLACE AS LATE AS POSSIBLE, PREFERABLY 4 TO 6 WEEKS AFTER THE SLAB HAS BEEN CAST. PRIOR TO FILLING, REMOVE ALL DEBRIS FROM THE SLAB JOINTS, THEN FILL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AS FOLLOWS:
   A. 6" SLABS - FILL WITH EPOXY RESIN
   B. OTHER SLABS - FILL WITH FIELD MOLDED OR ELECTROMETRIC SEALANT

5. WALKWAYS AND OTHER EXTERIOR SLABS ARE NOT INDICATED ON THE STRUCTURAL DRAWINGS. SEE THE SITE PLAN AND ARCHITECTURAL DRAWINGS FOR LOCATIONS, DIMENSIONS, ELEVATIONS, JOINTING DETAILS AND FINISH DETAILS.

6. SEE THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF DEPRESSED SLAB AREAS AND DRAINS, SLOPE SLABS TO DRAINS.

7. ALL GROUND LEVEL, NON-LOAD BEARING CMU WALLS SHALL BEAR ON A THICKENED SLAB WHETHER THEY ARE NOTED ON PLAN OR NOT. SEE THE "THICKENED SLAB-ON-GRADE AT STAIR / NON-BEARING CMU WALL" FOR REQUIRED CONSTRUCTION OF THE THICKENED SLAB.

STEEL DECK

1. ALL STEEL DECK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH STEEL DECK INSTITUTE SPECIFICATIONS.

2. PROVIDE A MINIMUM OF 1 1/2" BEARING FOR ALL STEEL DECK.

3. ALL SPLICES AND LAPS SHALL BE A OF 2" AND SHALL BE LOCATED DIRECTLY ABOVE SUPPORTS.

4. DECKING SHALL BE CONTINUOUS OVER TWO OR MORE SPANS.

5. POWDER DRIVEN FASTENERS SHALL BE EQUIVALENT TO:
   A. HILTI X-HSN 24 FOR STEEL BASE MATERIAL < 3/8"
   B. HILTI X-ENP 10L15 FOR STEEL BASE MATERIAL > 3/8"
   C. HILTI ENP-19 FOR STEEL BASE MATERIAL tf>1/4"

6. SUSPENDED CEILINGS, LIGHT FIXTURES, DUCTS AND OTHER PERMANENT SUSPENDED LOADS SHALL NOT BE SUPPORTED BY THE METAL DECKING.

STEEL JOISTS

1. ALL STEEL JOISTS SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH SJI STANDARD SPECIFICATIONS.

2. JOIST BRIDGING SHALL CONFORM TO SJI SPECIFICATIONS . PROVIDE DIAGONAL BRIDGING AT ALL BEAMS AND END BAYS. FIELD WELD BRIDGING AT ENDS AND INTERSECTIONS. ALL JOISTS FORTY (40) FEET AND LONGER REQUIRE A ROW OF BOLTED CROSS BRIDGING TO BE IN PLACE BEFORE SLACKENING OF HOISTING LINES.

3. ALL JOISTS SHALL BE PROPERLY ANCHORED AT BEARINGS. SEE TYPICAL DETAILS.

4. JOIST BRIDGING AND CONNECTIONS SHALL BE COMPLETELY INSTALLED PRIOR TO PLACING ANY CONSTRUCTION LOADS ON THE JOISTS. CONSTRUCTION LOADING SHALL NOT EXCEED THE JOIST DESIGN LOAD.

5. ALL ROOF JOISTS SHALL BE DESIGNED FOR A NET WIND UPLIFT AS SPECIFIED IN THE "DESIGN CRITERIA" NOTES (20 PSF NET MINIMUM). PROVIDE AN ADDITIONAL ROW OF CONTINUOUS HORIZONTAL BOTTOM CHORD BRIDGING AT THE FIRST PANEL POINT LOCATION AT EACH END OF ALL ROOF JOISTS. UPLIFT BRIDGING SHALL TERMINATE WITH DIAGONAL BRIDGING AT ALL END BAYS.

6. ALL JOISTS SHALL BE SHOP PAINTED IN ACCORDANCE WITH SJI REQUIREMENTS.

7. THE JOIST MANUFACTURER SHALL SUBMIT CALCULATIONS FOR ALL SPECIAL JOISTS TO THE ENGINEER FOR RECORD PURPOSES PRIOR TO FABRICATION. THESE CALCULATIONS SHALL BEAR THE SIGNED AND DATED SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE MANUFACTURED.

8. THE JOIST MANUFACTURER SHALL BE A SJI CERTIFIED SHOP AND MAINTAIN APPROVED FABRICATION PROCEDURES.

9. THE CONTRACTOR SHALL ENSURE THAT NO CUTS OR HOLES ARE MADE IN THE MEMBERS OF THE ERECTED JOISTS FOR ATTACHMENT OF CEILING, DUCTS, PIPES OR ANY OTHER ITEMS NOT SPECIFICALLY SHOWN IN THE CONTRACT DRAWINGS. THE USE OF POWER DRIVEN FASTENERS IN THE DIAGONAL AND BOTTOM CHORD MEMBERS OF THE JOISTS IS PROHIBITED.

10. THE CONTRACTOR SHALL NOT HANG ANY ELEMENTS FROM THE TOP OR BOTTOM CHORDS OF THE JOISTS EXCEPT CEILING, DUCTS, PIPES OR OTHER ITEMS SPECIFICALLY SHOWN OF THE CONTRACT DOCUMENTS, WITHOUT THE WRITTEN AUTHORIZATION OF THE ENGINEER. ALL PIPES, DUCTS AND OTHER MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT SUSPENDED FROM THE JOISTS SHALL HAVE THE HANGER ATTACHED AT A JOIST PANEL POINT ONLY. ALL CEILINGS WEIGHING 3 PSF OR LESS MAY HAVE THE GRID HUNG ANYWHERE ALONG THE BOTTOM CHORD. CEILINGS WEIGHING MORE THAN 3 PSF SHALL HAVE THE GRID HUNG ONLY AT JOIST PANEL POINTS. HEAVY PIPES, DUCTS, OR OTHER EQUIPMENT HUNG FROM BAR JOISTS MAY REQUIRE ADDITIONAL JOIST REINFORCEMENT AND SHALL BE REFERRED TO THE ENGINEER FOR FRAMING.

SUBMITTALS

1. SHOP DRAWINGS FOR THE FOLLOWING ITEMS ARE TO THE SUBMITTED TO S.E.O.R. FOR APPROVAL PRIOR TO FABRICATION OR INSTALLATION
   A. FOUNDATION PLANS
   B. CONCRETE MIX DESIGN AND PRODUCT DATA
   C. REINFORCING BARS FOR CONCRETE FOUNDATIONS
   D. CAST-IN-PLACE ANCHOR RODS
   E. MASONRY PRODUCT DATA
   F. MASONRY REINFORCEMENT
   G. STRUCTURAL AND MISC. STEEL
   H. STEEL JOISTS/GIRDERS
   I. STEEL ROOF DECK
   J. STRUCTURAL COLD-FORMED METAL FRAMING PRODUCT DATA
   K. STRUCTURAL WOOD WALL PANELS
   L. SHOP FABRICATED WOOD TRUSSES
   M. WOOD SHEATHING PRODUCT DATA
   N. PEMB FRAMING
   O. ROOF TOP UNIT PRODUCT DATA

REINFORCING STEEL

1. ALL REINFORCING STEEL SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318), AND DETAILS AND DETAILING OF CONCRETE REINFORCEMENT (ACI 315).

2. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60; EXCEPT STIRRUPS, TIES AND INDICATED FIELD-BENT BARS, WHICH SHALL CONFORM TO ASTM A615 GRADE 40.

3. TENSION AND COMPRESSION LAPS IN REINFORCING SHALL BE IN ACCORDANCE WITH ACI 318, CHAPTER 12. THE MINIMUM LAP SHALL BE 30 BAR DIAMETERS (18" MINIMUM), UNLESS NOTED OTHERWISE ON THE DRAWINGS.

4. MINIMUM LAP LENGTH OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE TABLE BELOW.
   TABULATED VALUES ARE BASED ON GRADE 60 REINFORCING BARS AND 4,000 psi NORMAL WEIGHT CONCRETE. LENGTHS ARE IN INCHES.

BAR SIZE	BAR DIA. (INCHES)	SPLICE LENGTH	
		TOP BARS	OTHER BARS
#3	0.375	24	19
#4	0.50	32	25
#5	0.625	40	31
#6	0.75	48	37
#7	0.875	70	54
#8	1.000	80	62
#9	1.125	91	70
#10	1.250	102	79
#11	1.375	113	87

TABULATED VALUES SHALL ONLY BE USED FOR INSTANCES WHERE THE CONCRETE COVER IS AT LEAST 1.0 BAR DIAMETER AND THE CENTER TO CENTER SPACING OF THE BARS IS AT LEAST 3.0 BAR DIAMETERS. CONTACT THE ENGINEER FOR LAP SPLICE LENGTHS FOR BARS WITH LESS COVER OR SPACING'S.

5. CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
   A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
   B. CONCRETE CAST AGAINST FORMS BUT EXPOSED TO EARTH OR WEATHER:
      a. BARS LARGER THAN NO. 5: 2"
      b. BARS NO. 5 OR SMALLER: 1 1/2"
   C. SLAB ON GRADE: 1 1/2" FROM TOP OF SLAB
   D. STRUCTURAL SLABS ON METAL DECK: 1" FROM TOP OF SLAB

6. FORM TIES SHALL BE EITHER OF THE THREADED OR SNAP-OFF TYPE SO THAT NO METAL WILL BE LEFT WITHIN 1 INCH OF THE SURFACE OF THE WALL. FOLLOWING REMOVAL OF FORM TIES, RECESSES ARE TO BE CAREFULLY FILLED AND POINTED WITH MORTAR.

7. REINFORCING SHALL NOT BE TACK WELDED OR WELDED IN ANY MANNER UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS.

8. BAR SUPPORTS AND SPACERS FOR REINFORCING SHALL BE PROVIDED IN ACCORDANCE WITH ACI 315. REINFORCING SHALL BE SECURELY TIED TO SUPPORTS. DO NOT INSERT REINFORCEMENT INTO CONCRETE DURING CONCRETE PLACEMENT.

9. DECK CHAIRS SHALL BE PROVIDED FOR ALL WELDED WIRE FABRIC.

10. PROVIDE FOOTING DOWELS FOR VERTICAL WALL REINFORCEMENT. DOWELS SHALL BE THE SAME SIZE & SPACING AS THE VERTICAL WALL REINFORCEMENT, UNLESS NOTED OTHERWISE, WITH LAP SPLICES AS INDICATED ON THE APPLICABLE SECTIONS. THIS WILL INCLUDE REINFORCEMENT ON EITHER SIDE OF DOORS & WINDOWS, PILASTERS UNDER LINTELS, ADDITIONAL REINFORCEMENT AT CORNERS &INTERSECTIONS OF REINFORCED WALLS, & ANY OTHER VERTICAL CMU WALL REINFORCEMENT INDICATED ON THE PLANS. INSTALL DOWELS IN THE FOOTING FORMS BEFORE CONCRETE IS PLACED, SUPPORTED & TIED SECURELY IN PLACE. INSTALLATION OF DOWELS AFTER THE CONCRETE IS PLACED WILL NOT BE PERMITTED.

MASONRY

1. ALL CONCRETE MASONRY UNITS SHALL COMPLY WITH ASTM C90, NORMAL WEIGHT WITH A MIN. COMPRESSIVE STRENGTH OF 3,250 PSI. MORTAR SHALL BE TYPE S. GROUT F'C = 2,500 PSI, MINIMUM. F'M = 2,500 PSI.

2. CELLS CONTAINING REBAR SHALL BE GROUTED SOLID FROM THE BOTTOM TO THE TOP OF THE WALL. ALL CELLS BELOW GRADE SHALL BE GROUTED SOLID UP TO GRADE. CELLS CONTAINING EXPANSION ANCHORS SHALL BE GROUTED SOLID.

3. ALL VERTICAL REBAR SHALL BE IN PLACE AND SECURED WITH REBAR POSITIONERS PRIOR TO GROUTING.

4. UNLESS OTHERWISE NOTED MASONRY CELLS SHALL BE GROUTED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE (MAXIMUM 5 FOOT GROUT LIFTS).

5. LAP REBAR 48 BAR DIAMETERS (12" MINIMUM) UNLESS NOTED OTHERWISE.

6. ALL HORIZONTAL REINFORCING IN BOND BEAMS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE BENT (CORNER) BARS OF THE SAME SIZE AND A LAP AS NOTED ABOVE. VERTICAL STEEL SHALL CONTINUE THROUGH BOND BEAMS.

7. VERTICAL FLUSH WALL PILASTERS SHALL BE CONSTRUCTED FULL HEIGHT IN ALL CMU WALLS ADJACENT TO ALL WALL OPENINGS AND WALL INTERSECTIONS INCLUDING CORNER AND TEE INTERSECTIONS. PILASTERS SHALL BE 1'-4" IN LENGTH AND REINFORCED WITH (2)-#5 BARS IN EACH CELL UNLESS NOTED OTHERWISE.

8. PROVIDE STANDARD TRUSS TYPE JOINT REINFORCING AT 16" ON CENTER (ALTERNATE COURSES). USE PREFABRICATED CORNERS AND TEES AT ALL WALL CORNERS AND INTERSECTIONS RESPECTIVELY.

9. PROVIDE A SLIDE BEARING CONNECTION FOR STEEL BEAMS BEARING ON MASONRY WALLS. SEE TYPICAL DETAIL FOR CONNECTION.

10. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR INFORMATION REGARDING MASONRY COLORS, FINISHES, BOND, ETC. AT ALL EXPOSED MASONRY WALLS.

11. ALL MASONRY WALL CONFIGURATIONS INCLUDING WALL OPENINGS SHALL BE COORDINATED WITH CIVIL, MECHANICAL, PLUMBING, ELECTRICAL AND DRAWINGS FROM ALL OTHER DISCIPLINES.

12. THE MASONRY CONTRACTOR SHALL PROVIDE TEMPORARY WALL BRACING DURING CONSTRUCTION AS NEEDED TO PREVENT DAMAGE TO THE WALLS.

13. PROVIDE LOOSE STEEL LINTELS FOR OPENINGS IN EXTERIOR FACE BRICK AS FOLLOWS. PROVIDE A MINIMUM BEARING LENGTH OF 8" AT BOTH ENDS OF THE LINTELS. LONG LEG OF ANGLES SHALL BE ORIENTED VERTICALLY. CONTROL JOINTS ARE ONLY ALLOWED ON ONE SIDE OF THE MASONRY OPENING.
    A. FOR OPENING WIDTHS OF 6'-6" OR LESS USE A 4" x 3 1/2" x 5/16" ANGLE.
    B. FOR OPENING WIDTHS BETWEEN 6'-6" AND 7'-6" USE A 5" x 3 1/2" x 5/16" ANGLE.
    C. FOR OPENING WIDTHS BETWEEN 7'-6" AND 8'-6" USE A 6" x 3 1/2" x 5/16" ANGLE.

POST INSTALLED ANCHORS

1. ALL ADHESIVE (EPOXY) FOR POST INSTALLED ANCHORS AND/OR REBAR INTO CONCRETE SHALL BE HILTI HIT-HY 200 ADHESIVE ANCHORING SYSTEM, SIMPSON SET-XP EPOXY-TIE ANCHORING SYSTEM, ITW RED HEAD EPCON G6+ ADHESIVE ANCHORING SYSTEM, OR APPROVED EQUAL. INSTALLATION SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.

2. ALL ADHESIVE (EPOXY) FOR POST INSTALLED ANCHORS AND/OR REBAR INTO GROUT FILLED MASONRY SHALL BE HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM, SIMPSON SET-XP EPOXY-TIE ANCHORING SYSTEM, ITW RED HEAD EPCON G6+ ADHESIVE ANCHORING SYSTEM, OR APPROVED EQUAL. INSTALLATION SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.

3. ALL ADHESIVE (EPOXY) FOR POST INSTALLED ANCHORS AND/OR REBAR INTO HOLLOW MASONRY AND/OR BRICK SHALL BE HILTI HIT-HY 270 ADHESIVE ANCHORING SYSTEM, SIMPSON SET-XP EPOXY-TIE ANCHORING SYSTEM, OR APPROVED EQUAL. INSTALLATION SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.

4. ALL POST INSTALLED MECHANICAL ANCHORS INTO CONCRETE SHALL BE HILTI KWIK HUS EZ SCREW ANCHOR, SIMPSON TITEN HD SCREW ANCHOR, ITW RED HEAD TAPCON LDT ANCHOR, OR APPROVED EQUAL. INSTALLATION SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.

5. ALL POST INSTALLED MECHANICAL ANCHORS INTO GROUT FILLED MASONRY SHALL BE HILTI KWIK HUS EZ SCREW ANCHOR, SIMPSON TITEN HD SCREW ANCHOR, ITW RED HEAD TAPCON LDT ANCHOR, OR APPROVED EQUAL. INSTALLATION SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.

6. ANCHOR LENGTHS SHOWN FOR ATTACHMENT TO CONCRETE AND/OR MASONRY ARE REQUIRED EMBEDMENT LENGTHS. THE CONTRACTOR SHALL PROVIDE ANCHORS WITH ADDITIONAL LENGTH TO FACILITATE THE REQUIRED CONNECTION.

7. SUBMIT ALL PROPOSED ANCHORING SYSTEMS INCLUDING ICC-ES REPORTS TO STRUCTURAL ENGINEER FOR REVIEW PRIOR TO INSTALLATION.

SPECIAL INSPECTIONS - STRUCTURAL

PER CHAPTER 17 OF THE 2015 INTERNATIONAL BUILDING CODE

SECTION	ITEM	REQUIRED		REMARKS
		YES	NO	
1704.2.5	FABRICATORS	X		Not req'd. if the Fabricator is approved in accordance with Section 1704.2.5.2.
1704.6	STRUCTURAL OBSERVATIONS		X	See Section 1704.6.1 for seismic and Section 1704.6.2 for wind requirements
1705.2	STEEL CONSTRUCTION	X		See Sectione 1705.2.2 for req'd verifications & inspections.
1705.3	CONCRETE CONSTRUCTION	X		See Table 1705.3 for req'd verifications and inspections.
1705.4	MASONRY CONSTRUCTION	X		See TMS 402/ACI 530/ASCE 5 for req'd verifications and inspections.
1705.5	WOOD CONSTRUCTION		X	Not Used.
1705.6	SOILS	X		See Table 1705.6 for req'd. verifications & inspections.
1705.7	DRIVEN DEEP FOUNDATIONS		X	Not Used.
1705.8	CAST-IN-PLACE DEEP FOUNDATIONS		X	Not Used.
1705.9	HELICAL PILE FOUNDATIONS		X	Not Used.
1705.11	INSPECTIONS FOR WIND RESISTANCE		X	Not Used.
1705.12	INSPECTIONS FOR SEISMIC RESISTANCE	X		See Table 1705.12 for req'd. verifications & inspections.
1705.13	TESTING & QUALIFICATION FOR SEISMIC RESISTANCE		X	See Table 1705.13 for req'd. verifications & inspections.

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SHERMAN CARTER BARNHART ARCHITECTS

NOT FOR CONSTRUCTION
100% DESIGN DEVELOPMENT

HOPKINS COUNTY BOARD OFFICE
RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

STRUCTURAL NOTES

JOB NO. BFW 24430
DATE 10-7-2024
DRAWN DRL
CHECKED JAH

REVISIONS

No.	Description	Date

SHEET
S0.1

BFW 24430
HOPKINS COUNTY BOARD OFFICE RENOVATION
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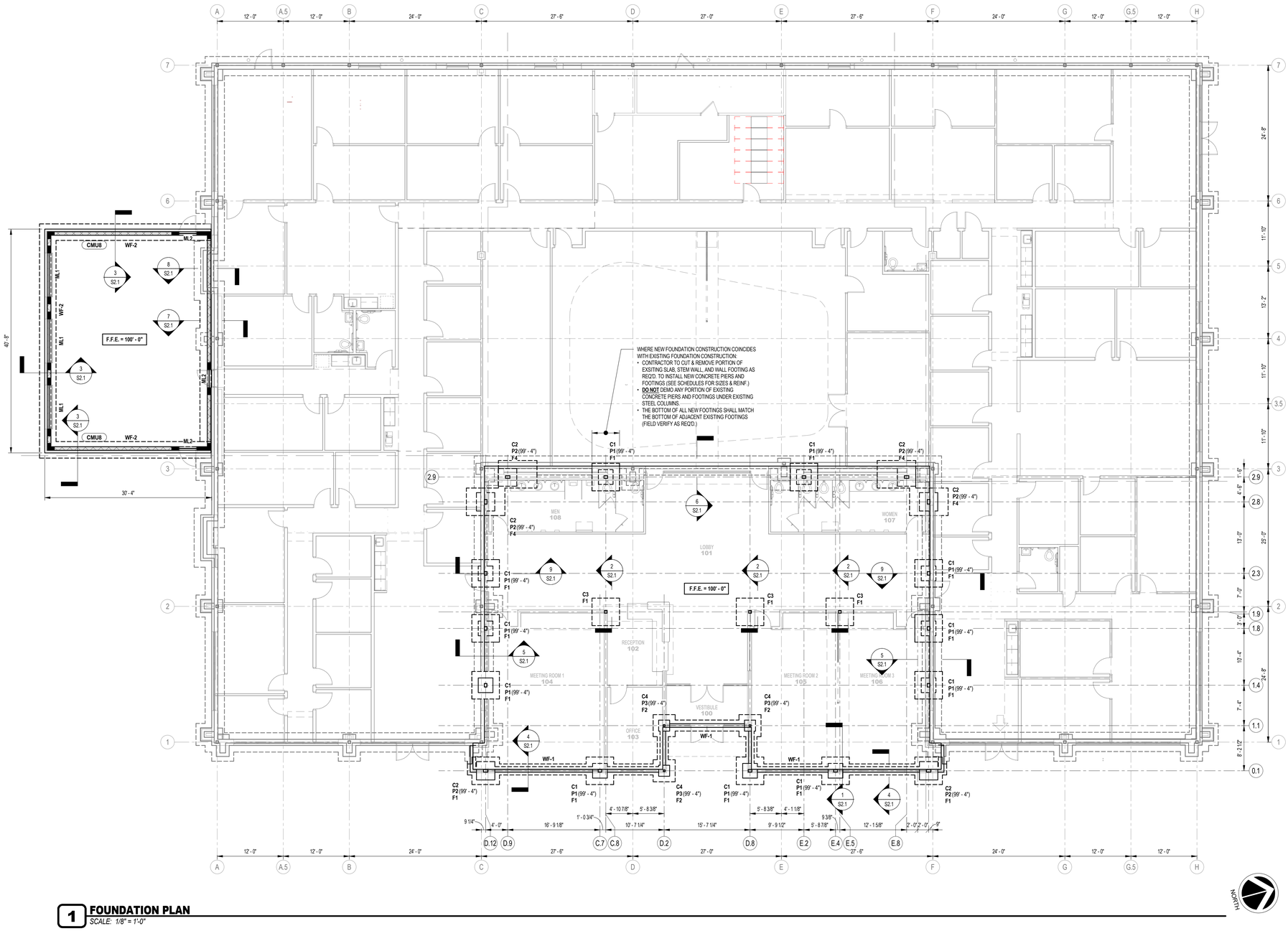
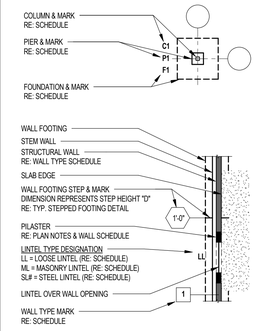


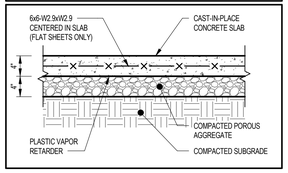
1 FOUNDATION PLAN

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

GENERAL PLAN LEGEND



SLAB-ON-GRADE CONSTRUCTION



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FOUNDATION PLAN

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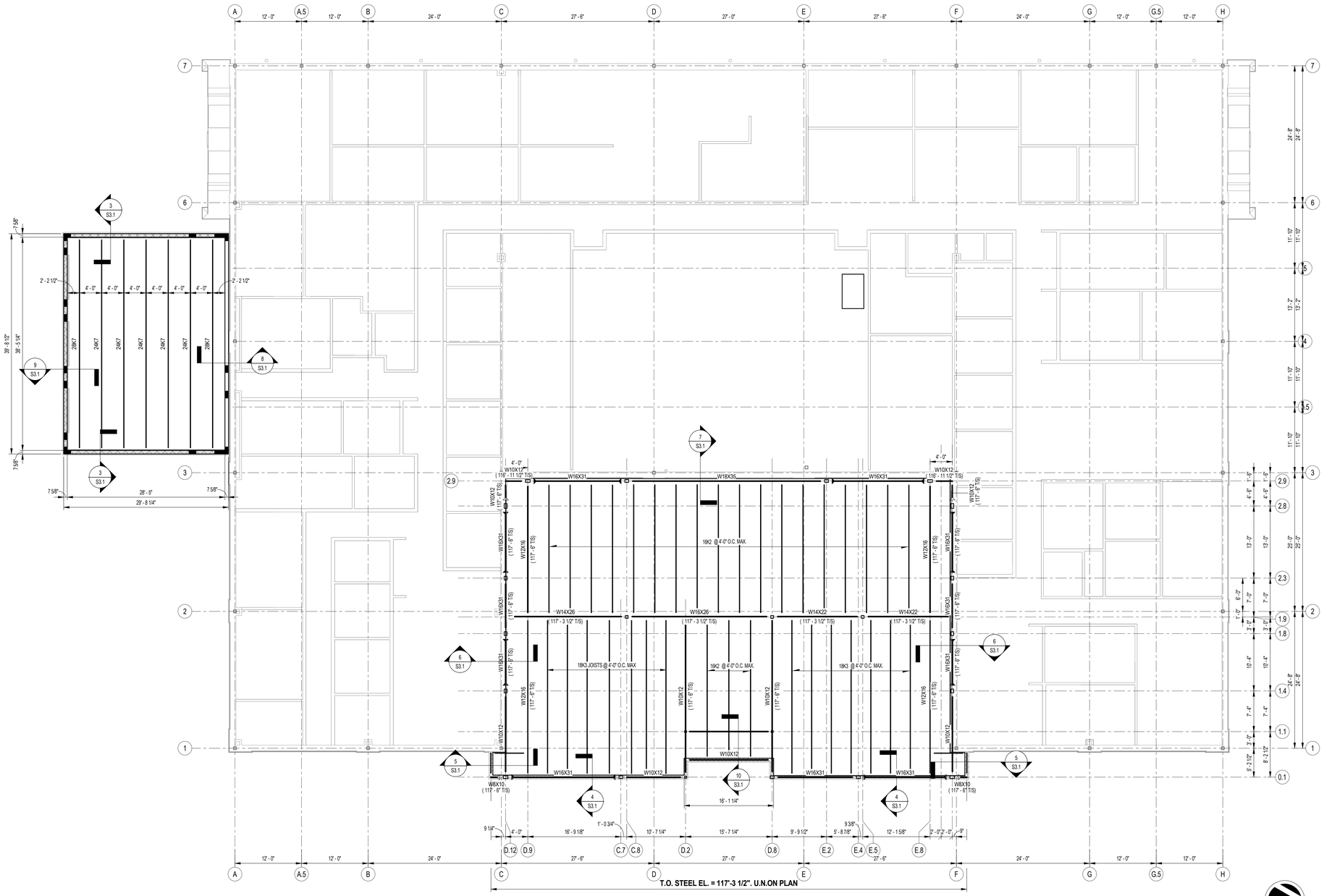


1 ROOF FRAMING PLAN

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

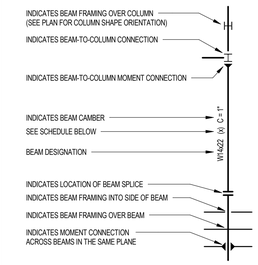
T.O. STEEL EL. = 117'-3 1/2". U.N.ON PLAN

NORTH

STRUCTURAL STEEL LEGEND

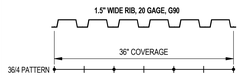
CONVENTIONAL CONSTRUCTION

NOTE: Bar Joists shall bear on top of supporting structural elements with standard depth joist seats. Exceptions are noted on plans & details.



(X)	DESIGNATION
(X'-X")	Top of Steel elevation
blank	None - Top of Steel elevation to be determined by floor construction.
(S)	Sloped Beam
(BB)	Bent Beam (see detail as indicated on plan)
(C)	Cantilever Beam
(WH)	Web Horizontal

ROOF DECK CONSTRUCTION ON STRUCTURAL STEEL & BAR JOISTS



SUPPORT ATTACHMENT = HILTI X-HSN 24 IF THICKNESS IS <3/8"
HILTI X-ENP 10L15 IF THICKNESS IS >3/8"
SIDELAP ATTACHMENT = HILTI S-SLC 01 M HWH @ 12"o.c. MAX.

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ROOF FRAMING PLAN

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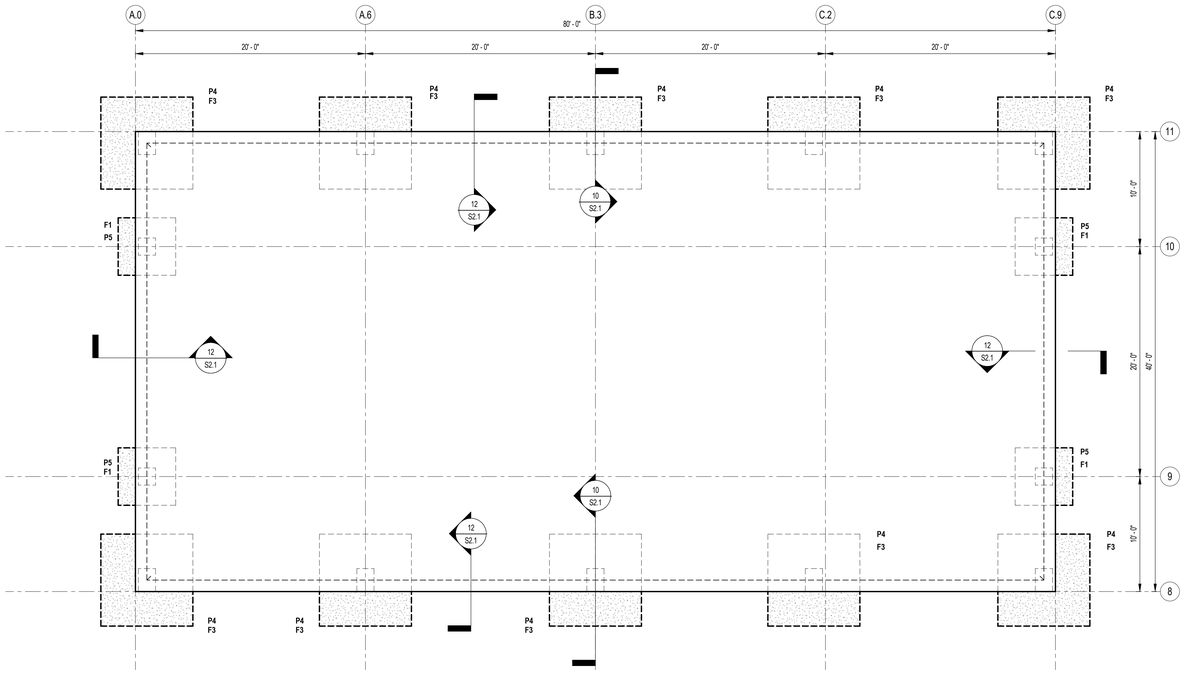
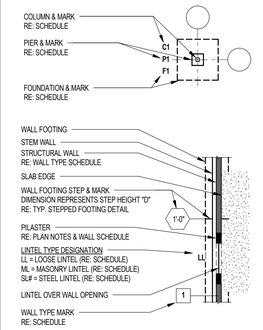


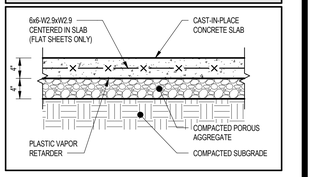
FOUNDATION PLAN - PEMB

3/16" = 1'-0"

GENERAL PLAN LEGEND



SLAB-ON-GRADE CONSTRUCTION



PRE-ENGINEERED METAL BUILDING FOUNDATION NOTE

THE FOUNDATIONS PRESENTED IN THIS DRAWING SET ARE PRELIMINARY AND FOR BIDDING PURPOSES ONLY. SHOP DRAWINGS, INCLUDING LOADS AND MAXIMUM AND MINIMUM FACTORED COLUMN BASE REACTIONS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD BY THE PRE-ENGINEERED BUILDING MANUFACTURER. THESE FOUNDATIONS WILL THEN BE REDESIGNED, IF NECESSARY, BASED ON THE INFORMATION PROVIDED BY THE PEMB SHOP DRAWINGS.

SHERMAN CARTER BARNHART
ARCHITECTS

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HOPKINS COUNTY BOARD OFFICE RENOVATION

2135 NORTH MAIN STREET
MADISONVILLE KY

FOUNDATION PLAN - PEMB

JOB NO.	BFW 24430
DATE	10-7-2024
DRAWN	DRL
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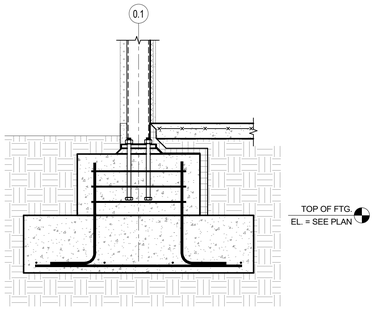
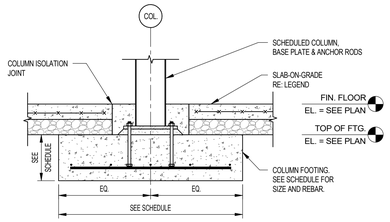
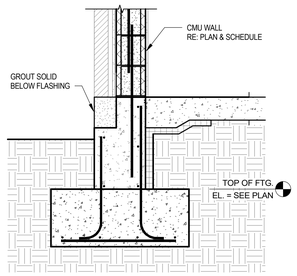


1 FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"



2 FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"



3 FOUNDATION DETAIL
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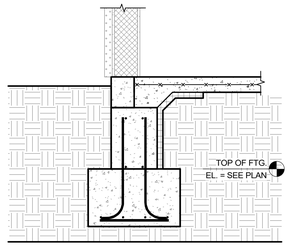
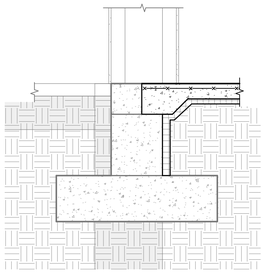
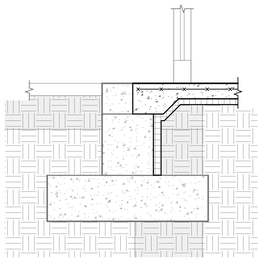


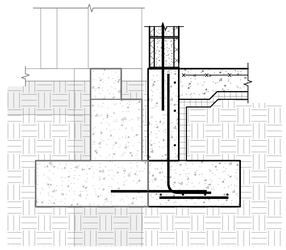
4 FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"



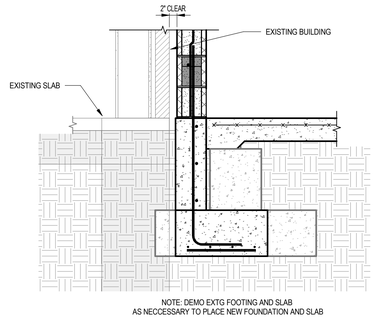
5 FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"



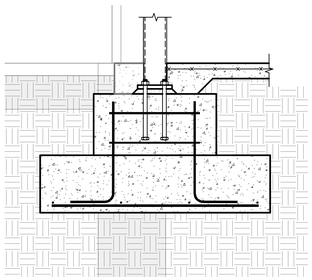
6 FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"



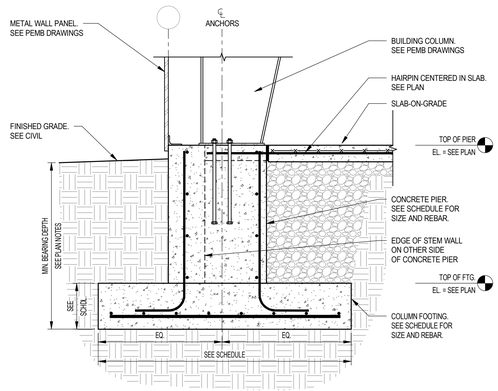
7 FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"



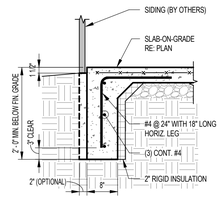
8 FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"



9 FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"



10 TYPICAL DETAIL
EXTERIOR COLUMN FOUNDATION



12 TYPICAL DETAIL
PEMB_Slab Edge Detail

SHERMAN CARTER BARNHART ARCHITECTS

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HOPKINS COUNTY BOARD OFFICE RENOVATION
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MADISONVILLE KY

FOUNDATION DETAILS

JOB NO.	BFW 24430
DATE	10-7-2024
DRAWN	CRG
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REVISIONS

No.	Description	Date

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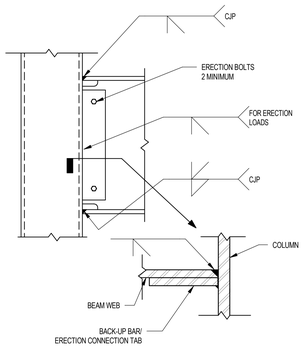
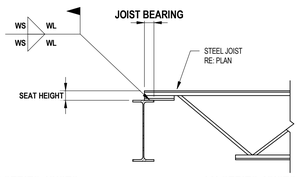


NOTES:

1. ALL WELD MATERIAL FOR MAKING CONNECTIONS IN ACCORDANCE WITH THIS DETAIL SHALL HAVE A MINIMUM CVN VALUE OF 20ft-lbs AT A TEMPERATURE OF -20 DEGREES FAHRENHEIT.
2. THE FABRICATOR AND ERECTOR SHALL SUBMIT WELDER CERTIFICATIONS AND WELDING PROCEDURE SPECIFICATIONS (WPS) FOR ENGINEER REVIEW PRIOR TO PERFORMING SHOP OR FIELD WELDING SPECIFIED BY THIS DETAIL. ALL WELDERS SHALL BE QUALIFIED FOR THE WORK THEY PERFORM PER AWS D1.1, SECTION 5, PART C. WELDS PERFORMED BY WELDERS NOT CERTIFIED FOR THE WORK WILL BE REJECTED.
3. THE GENERAL CONTRACTOR SHALL PROVIDE FIELD TESTING FOR WELDED MOMENT CONNECTIONS AS FOLLOWS:
   a. THE WELD INSPECTOR SHALL BE A CERTIFIED WELDING INSPECTOR (CWI) PER AWS QC-1 STANDARDS.
   b. ALL WELDING SHALL BE VISUALLY INSPECTED PER AWS D1.1.
   c. ALL COMPLETE AND PARTIAL JOINT PENETRATION WELDS SHALL BE INSPECTED ULTRASONICALLY AS PER AWS D1.1.
4. AFTER WELDING THE CJP WELD AT THE TOP FLANGE, REMOVE THE EXTENSION TABS ON THE BACK-UP BAR AND GRIND SMOOTH.
5. AFTER COMPLETING THE CJP AT THE BOTTOM FLANGE, REMOVE THE BACK UP BAR AND BACK GOUGE THE BEAM FLANGE AND COLUMN JOINT. REINFORCE WITH A CONTINUOUS FILLET WELD.
6. PROVIDE TOP PLATE ON COLUMN WHERE ROOF BEAMS FRAME INTO STEEL COLUMNS. THE TOP PLATE SHOULD BE WELDED ALL-AROUND TO THE COLUMN AND BE A MINIMUM THICKNESS OF THE THICKEST CONNECTING BEAM FLANGE AND ROUNDED TO THE NEAREST EIGHTH ON AN INCH.

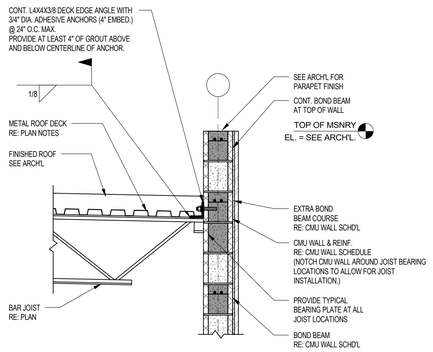
1 TYPICAL DETAIL
WF BEAM TO HSS COLUMN MOMENT CONNECTION



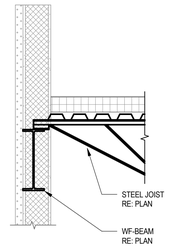
K-SERIES JOISTS
JOIST BEARING - 3 1/2" MIN.
SEAT HEIGHT - 2 1/2" U.N.O.
WS (SIZE) - 1/8"
WL (LENGTH) - 2 1/2"

LH-SERIES JOISTS
JOIST BEARING - 4 1/2" MIN.
SEAT HEIGHT - 5" U.N.O.
WS (SIZE) - 1/4"
WL (LENGTH) - 2 1/2"

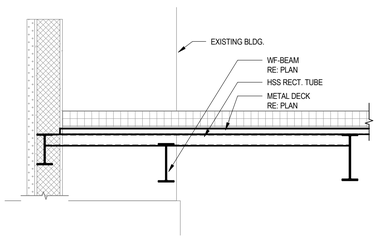
2 TYPICAL DETAIL
BAR JOIST TO STEEL BEAM CONNECTION



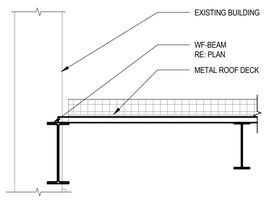
3 TYPICAL DETAIL
ROOF JOIST TO CMU PARAPET WALL



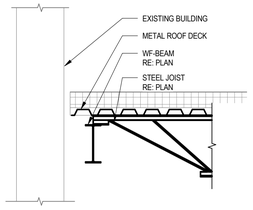
4 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



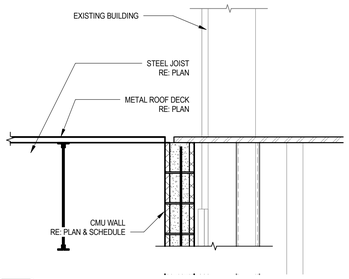
5 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



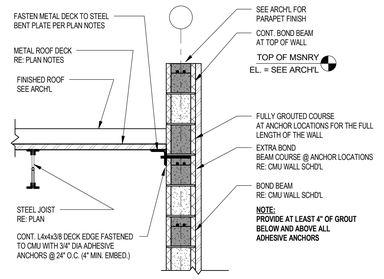
6 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



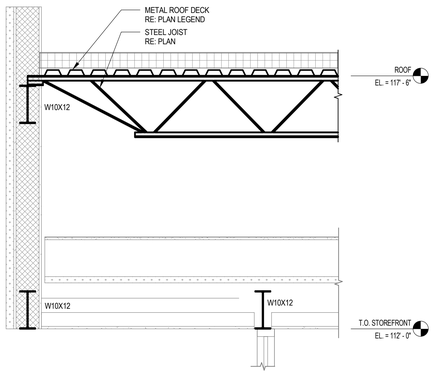
7 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



8 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



9 TYPICAL DETAIL
ROOF_CMU_Roof to CMU Parapet Wall



10 FRAMING DETAIL
SCALE: 3/4" = 1'-0"

SHERMAN CARTER BARNHART
ARCHITECTS

NOT FOR CONSTRUCTION
100% DESIGN DEVELOPMENT

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

FRAMING DETAILS

JOB NO.	BFW 24430
DATE	10-7-2024
DRAWN	CRG
CHECKED	JAH

REVISIONS

No.	Description	Date

SHEET
S3.1

BFW
Paducah, KY Office
2301 McCracken Blvd, Paducah, KY 42001
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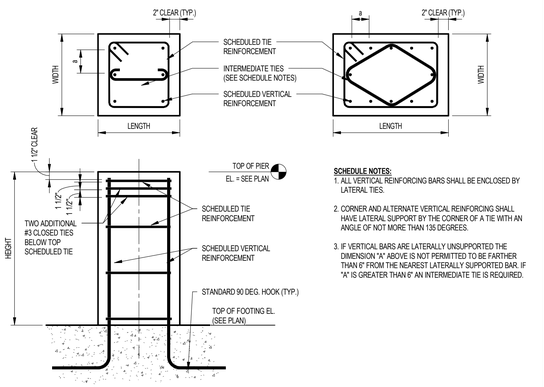
BFW 24430
HOPKINS COUNTY BOARD OFFICE RENOVATION
10/7/2024 3:52:37 PM

PIER (P) SCHEDULE

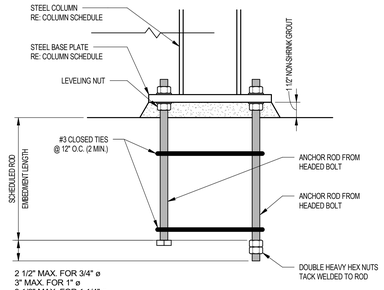


SCHEDULE NOTES:

1. ALL VERTICAL REINFORCING BARS SHALL BE ENCLOSED BY LATERAL TIES.
2. CORNER AND ALTERNATE VERTICAL REINFORCING SHALL HAVE LATERAL SUPPORT BY THE CORNER OF A TIE WITH AN ANGLE OF NOT MORE THAN 135 DEGREES.
3. IF VERTICAL BARS ARE LATERALLY UNSUPPORTED THE DIMENSION "A" ABOVE IS NOT PERMITTED TO BE FARTHER THAN 6" FROM THE NEAREST LATERALLY SUPPORTED BAR. IF "A" IS GREATER THAN 6" AN INTERMEDIATE TIE IS REQUIRED.

MARK	SIZE	REINFORCEMENT		REMARKS
		VERTICAL	HORIZONTAL	
P1	32 X 32	(20) #6	#3 TIES @ 10" O.C.	NA
P2	40 X 40	(12) #6	#3 TIES @ 10" O.C.	NA
P3	24 x 24	(6) #5	#3 TIES @ 10" O.C.	NA
P4	18 x 24	(10) #6	#4 TIES @ 10" O.C.	NA
P5	18 x 18	(4) #6	#4 TIES @ 8" O.C.	NA

COLUMN (C) SCHEDULE

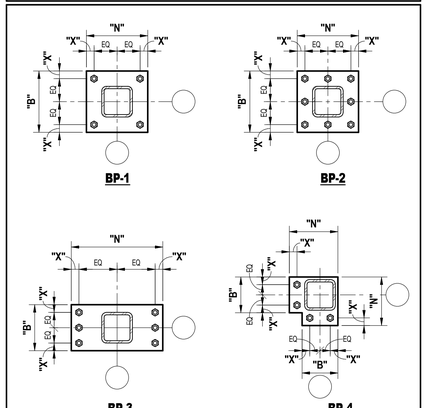


NOTES:

1. *Headed bolt or threaded stock material may be used for Anchor Rods.*
2. *All Anchor Rods shall be ASTM F1554, Grade 36, weldable rods.*

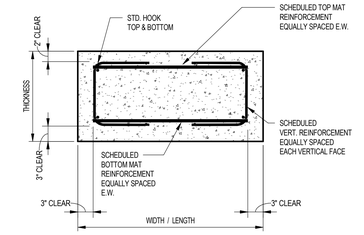
MARK	SIZE	BASE PLATE SIZE (T x B x N)	ANCHOR RODS (DIA. x EMBEDMENT)	BASE PLATE TYPE	REMARKS
C1	HSS8X6X5/16				NA
C2	HSS10X6X5/16				NA
C3	HSS6X6X1/4				NA
C4	HSS4X4X1/4				NA

BASE PLATE (BP) SCHEDULE



ANCHOR ROD DIA.	MAX. HOLE DIA.	MIN. WASHER SIZE	MIN. WASHER THICKNESS	MIN. WASHER "X"
3/4"	1 5/16"	2"	1/4"	1 1/2"
7/8"	1 9/16"	2 1/2"	5/16"	1 3/4"
1"	1 13/16"	3"	3/8"	2"
1 1/4"	2 1/16"	3"	1/2"	2 1/4"
1 1/2"	2 5/16"	3 1/2"	1/2"	2 5/8"
1 3/4"	2 3/4"	4"	5/8"	3"
2"	3 1/4"	5"	3/4"	3 1/2"
2 1/2"	3 3/4"	5 1/2"	7/8"	4"

COLUMN FOOTING (F) SCHEDULE



MARK	DIMENSIONS LENGTH	WIDTH	THICKNESS	Reinforcment - Bottom	Reinforcement - Top
F1	5' - 0"	5' - 0"	1' - 3"	#6 @ 14" O.C.	#6 @14" O.C.
F2	4' - 0"	4' - 0"	1' - 3"	#6 @ 14" O.C.	#6 @14" O.C.
F3	8' - 0"	8' - 0"	1' - 6"	#6 @ 12" O.C.	#6 @12" O.C.
F4	5' - 0"	7' - 0"	1' - 3"	#6 @ 14" O.C.	#6 @12" O.C.

WALL FOOTING (WF) SCHEDULE

MARK	DIMENSIONS HEIGHT	WIDTH	FOOTING REINFORCEMENT REINF. - LONG	REINF. - SHORT
WF-1	1' - 3"	2' - 0"	(3) - #5	#5 @ 14"
WF-2	1' - 3"	3' - 0"	(3) - #5	#5 @ 11"

CMU WALL SCHEDULE

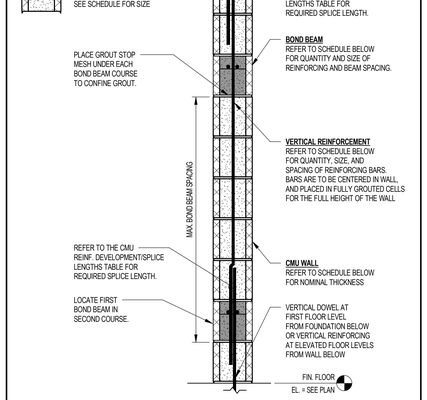
CMU LEGEND

CMU LINTEL BLOCK
REFER TO CMU LINTEL SCHEDULE

CMU BOND BEAM
CONT. FROM WALL END/CORNER TO WALL END/CORNER MIN. SEE SCHEDULE FOR SIZE, SPACING AND REINFORCEMENT

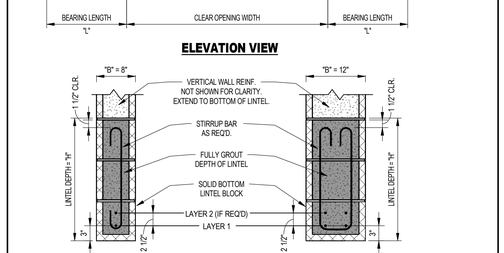
FULLY GROUTED CMU COURSE
CONT. FROM WALL END/CORNER TO WALL END/CORNER MIN. SEE SCHEDULE FOR SIZE
SEE DETAILS FOR LOCATIONS

CMU COURSE
CONT. FROM WALL END/CORNER TO WALL END/CORNER MIN. SEE SCHEDULE FOR SIZE



MARK	NOM. THICKNESS	VERTICAL REINFORCEMENT BAR QTY. & SIZE	VERTICAL REINFORCEMENT MAX. BAR SPACING	BOND BEAM REINFORCEMENT BAR QTY. & SIZE	BOND BEAM REINFORCEMENT MAX BEAM SPACING
CMU8		#5	48"	#5	48"

MASONRY LINTEL (ML) SCHEDULE FOR LOADBEARING WALLS



ELEVATION VIEW

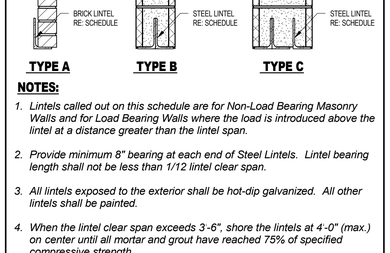
SECTION VIEW

NOTES:

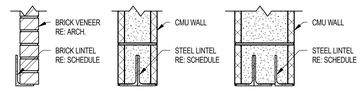
1. MASONRY CONTRACTOR SHALL PROVIDE TEMPORARY SHORING OF THE LINTEL UNTIL GROUT HAS REACHED 75% OF THE SPECIFIED COMPRESSIVE STRENGTH
2. SEE PLANS FOR CONTROL JOINT LOCATIONS. CONTROL JOINTS SHALL BE PLACED NO CLOSER THAN BEARING LENGTH "L" OR 2'-0" FROM THE EDGE OF THE MASONRY OPENING.
3. STIRRUP BARS SHALL HAVE STANDARD 180 DEGREE HOOKS @ EACH END.

MARK	NOM. SIZE "B"	BEARING LENGTH "L"	LINTEL DEPTH "H"	REINFORCEMENT # OF LAYERS	# OF BARS & SIZE	STIRRUP SIZE & SPACING
ML1	8"	8"	8"	1	1 #5	#4 @ 12"
ML2	8"	8"	8"	1	1 #5	#4 @ 12"

LOOSE LINTEL (LL) SCHEDULE



ELEVATION VIEW - STEEL LINTEL SECTION IN CMU WALL



TYPE A **TYPE B** **TYPE C**

NOTES:

1. *Lintels called out on this schedule are for Non-Load Bearing Masonry Walls and for Load Bearing Walls where the load is introduced above the lintel at a distance greater than the lintel span.*
2. *Provide minimum 8" bearing at each end of Steel Lintels. Lintel bearing length shall not be less than 1/12 lintel clear span.*
3. *All lintels exposed to the exterior shall be hot-dip galvanized. All other lintels shall be painted.*
4. *When the lintel clear span exceeds 3'-6", shore the lintels at 4'-0" (max.) on center until all mortar and grout have reached 75% of specified compressive strength.*
5. *Refer all lintel conditions not covered by this schedule or detailed elsewhere in the contract documents to the architect or engineer.*
6. *Provide loose steel lintels for all new openings larger then 8" wide in existing masonry walls even if not indicated on plans.*

WALL TYPE	NOMINAL WALL THICKNESS	CLEAR M.O. WIDTH "W"	STEEL LINTEL SECTION TYPE	STEEL LINTEL SECTION SIZE
FACE BRICK	4"	W ≤ 6'-6"	A	L4 x 3 1/2 x 5/16 (LLV)
		6'-6" < W ≤ 7'-6"	A	L5 x 3 1/2 x 5/16 (LLV)
		7'-6" < W ≤ 8'-6"	A	L6 x 3 1/2 x 5/16 (LLV)
UTILITY BRICK	4"	W ≤ 7'-0"	A	L4 x 3 1/2 x 5/16 (LLV)
		7'-0" < W ≤ 8'-0"	A	L5 x 3 1/2 x 5/16 (LLV)
		8'-0" < W ≤ 9'-0"	A	L6 x 3 1/2 x 5/16 (LLV)
CONCRETE MASONRY UNIT	6"	W ≤ 7'-0"	B	(2) L3 1/2 x 2 1/2 x 5/16 (LLV)
	8"	W ≤ 7'-6"	B	(2) L4 x 3 1/2 x 5/16 (LLV)
		7'-6" < W ≤ 8'-8"	B	(2) L5 x 3 1/2 x 5/16 (LLV)
		8'-8" < W ≤ 10'-0"	B	(2) L6 x 3 1/2 x 5/16 (LLV)
	10"	W ≤ 9'-6"	B	(2) L6 x 4 x 5/16 (LLV)
		9'-0" < W ≤ 11'-0"	B	(2) L7 x 4 x 5/16 (LLV)
	12"	W ≤ 7'-6"	C	(3) L4 x 3 1/2 x 5/16 (LLV)
		7'-6" < W ≤ 8'-8"	C	(3) L5 x 3 1/2 x 5/16 (LLV)
		8'-8" < W ≤ 10'-0"	C	(3) L6 x 3 1/2 x 5/16 (LLV)

SHERMAN CARTER BARNHART ARCHITECTS

NOT FOR CONSTRUCTION 100% DESIGN DEVELOPMENT

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

STRUCTURAL SCHEDULES

JOB NO.	BFW 24430
DATE	10-7-2024
DRAWN	CRG
CHECKED	JAH

REVISIONS

No.	Description	Date

SHEET

S4.1

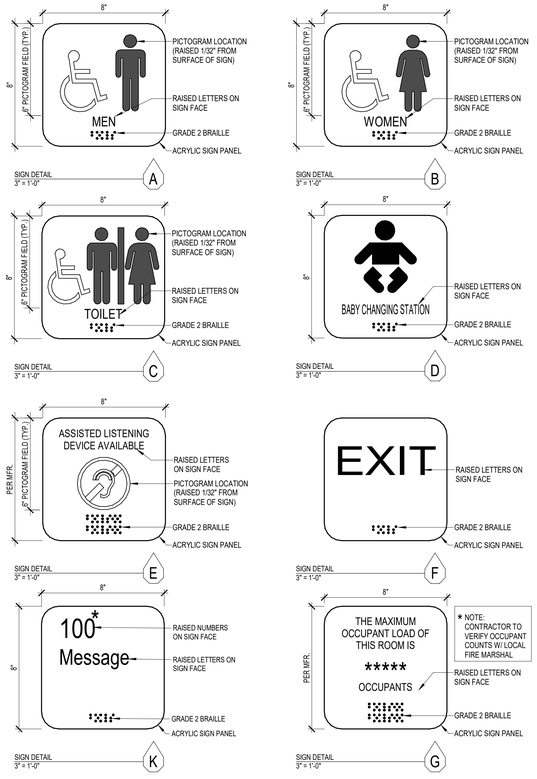
BFW
Paducah, KY Office
2301 McCracken Blvd, Paducah, KY 42001
270.443.1995 / BFWengineers.com

BFW 24430
HOPKINS COUNTY BOARD OFFICE RENOVATION
10/7/2024 3:52:38 PM

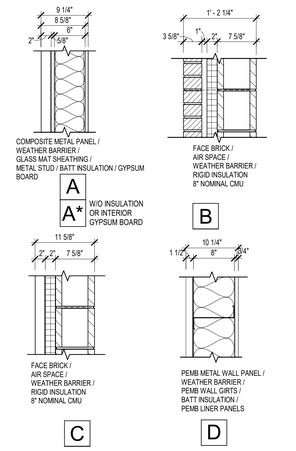
ABBREVIATIONS

@	AT
AB	ANCHOR BOLT
&	AND
A/C	AIR CONDITIONING
ACOUS	ACOUSTICAL
ACT	ACTUAL
ADA	AMERICANS WITH DISABILITIES ACT
ADJ.	ADJUST, ADJUSTABLE
ADH.	ADHESIVE
A.F.F.	ABOVE FINISH FLOOR
AGG.	AGGREGATE
AHU	AIR HANDLING UNIT
ALUM.	ALUMINUM
ANCH.	ANCHOR
AP	ACCESS PANEL
APPROX.	APPROXIMATE
ASSY	ASSEMBLY
AUTO	AUTOMATIC
BD.	BOARD
BTWN.	BETWEEN
BEV.	BEVELED
BIT.	BITUMINOUS
BLK.	BLOCK
BLKG.	BLOCKING
BM.	BEAM
B.O.	BOTTOM OF
BOT. OR BTM.	BOTTOM
BUR	BUILT UP ROOFING
BRG. OR BRNG.	BEARING
CAB.	CABINET
CB	CATCH BASIN, CHALKBOARD
C/C	CENTER TO CENTER (SAME MEANING AS OC)
CEM	CEMENT
C.T.	CERAMIC TILE
CF	CUBIC FEET
CFI	CONTRACTOR FURNISHED AND INSTALLED
CHAN	CHANNEL
CI	CAST IRON
CJ	CONTROL JOINT
CLG.	CEILING
CLOS	CLOSET
CLR.	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC.	CONCRETE
COND	CONDITION, CONDENSER, CONDENSATE
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR	CONTRACTOR
CORRUG	CORRUGATED
CR	COLD ROLLED
CSG	CASING
CTSK	COUNTERSINK
CU	CUBIC
CULV	CULVERT
CW	COLD WATER, CLOCKWISE
CY	CUBIC YARD
DBL	DOUBLE
DEP	DEPRESSED
DET.	DETAIL
DF	DRINKING FOUNTAIN
DIA.	DIAMETER
DIM.	DIMENSION
DN.	DOWN
DO	DITTO
DS	DOWNSPOUT
DWG.(S)	DRAWING(S)
EA	EACH
EJ	EXPANSION JOINT
EL. OR ELEV.	ELEVATION
ELEC	ELECTRIC, ELECTRICAL
EMER	EMERGENCY
ENCL	ENCLOSURE
ENT	ENTRANCE
EQ.	EQUAL
EQUIV	EQUIVALENT
ESMT	EASEMENT
EW	EACH WAY
EWC	ELECTRIC WATER COOLER (SEE MECH DWGS)
EXIST. OR EX.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
FAB	FABRICATE
FC	FIRE CODE
FD	FLOOR DRAIN (SEE MECH DWGS)
FDN.	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
F.F.E.	FINISHED FLOOR ELEVATION
FH	FULL HEIGHT
FIN.	FINISH, FINISHED
FL.	FLOOR
FLASH	FLASHING
FLEX	FLEXIBLE
FRT	FIRE RETARDANT TREATED
FTG.	FOOTING
FURR.	FURRING
F.V.	FIELD VERIFY
GA	GAUGE
GALV.	GALVANIZED
GB	GRAB BAR
GEN	GENERATOR
GF CMU	GROUND FACE CONC. MAS. UNIT
GI	GALVANIZED IRON
GFI	GROUND FAULT INTERRUPT
GL	GLASS, GLAZING
GLUE LAM	GLUE-LAMINATED
GND	GROUND
GR	GRADE
GST	GLAZED STRUCTURAL TILE
GYP.	GYPSUM
HARD	HARDENED
HB	HOSE BIB
HC	HOLLOW CORE
HD BD	HARD BOARD
HC	HANDICAPPED
HDR	HEADER
HDWE	HARDWARE
HD WD	HARDWOOD
HEX	HEXAGONAL
HT.	HEIGHT
HOL	HOLLOW
HM OR H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HP	HORSEPOWER
HTG	HEATING
HTR	HEATER
HW	HOT WATER, HARD WHITE
ID	INSIDE DIAMETER
IF	INSIDE FACE
INCL	INCLUDED
INSUL.	INSULATION
INT	INTERIOR
INV	INVERT
JB	JUNCTION BOX
JST.	JOIST
JT	JOINT
KBC	KENTUCKY BUILDING CODE
L	ANGLE, LONG
LAM.	LAMINATE
LF	LIGHT FIXTURE, LINEAR FEET
LH	LEFT HAND
LLV	LONG LEG VERTICAL
LOC	LOCATION
LT	LIGHT
LTWT	LIGHTWEIGHT
MAS.	MASONRY
MATL	MATERIAL
MAX.	MAXIMUM
MB	MARKER BOARD
MC	MISCELLANEOUS CHANNEL
MDO	MEDIUM DENSITY OVERLAY
MECH.	MECHANICAL
MED.	MEDIUM, MEDICINE
MTL.	METAL
MFR.	MANUFACTURER
MH	MANHOLE
MIN.	MINIMUM, MINUTE
MISC.	MISCELLANEOUS
ML & P	METAL LATH AND PLASTER
M.O.	MASONRY OPENING
MT.	MOUNT
MTD.	MOUNTED
MTG.	MOUNTING
MULL.	MULLION
NA	NOT APPLICABLE
NET	MEANS EXACT DIMENSION REQUIRED
NIC	NOT IN CONTRACT
NO. OR #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.	OUTSIDE FACE
OFI	OWNER FURNISHED AND INSTALLED
OF-CI	OWNER FURNISHED, CONTRACTOR INSTALLED
O.H.	OPPOSITE HAND
OH	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
PART	PARTITION
PART. BD.	PARTICLE BOARD
PASS	PASSAGE
PC	PRECAST
P/C	POURED CONCRETE
PERF	PERFORATED
PERIM	PERIMETER
PERP.	PERPENDICULAR
PF CMU	PREFACED CONC. MAS. UNIT
PH	PHASE
PLAS	PLASTER
PLUMB	PLUMBING
PLYWD.	PLYWOOD
POL	POLISHED
POLY CARB	POLYCARBONATE SHEET
PREFAB.	PREFABRICATED
PROJ.	PROJECT, PROJECTED
PR.	PAIR
PSMB	PENCIL SHARPENER BLOCK
P.T.	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PWG	POLISHED WIRE GLASS
+/-	PLUS OR MINUS
Q.T.	QUARRY TILE
R.	RISER, RADIUS
R. OR RAD.	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REBAR	REINFORCING BAR
RECIRC	RECIRCULATE
REF	REFERENCE, REFER
REF.	REFRIGERATOR
REINF.	REINFORCE, REINFORCED, REINFORCING
REQ'D.	REQUIRED
RET.	RETAINING, RETURN
RESIL	RESILIENT
RH	RIGHT HAND, ROUND HEAD
R.O.	ROUGH OPENING
ROW OR R/W	RIGHT OF WAY
RRT	RAISED RADIAL TILE
SC	SOLID CORE
SCHD.	SCHEDULE
SECT	SECTION
SEP	SEPARATE, SEPARATION
SF	SQUARE FEET, SAND FILL
SHEATH	SHEATHING
SHT.	SHEET
SIM.	SIMILAR
S.M.	SHEET METAL
SPA	SPACE(S)
SPEC(S).	SPECIFICATIONS
SPM	SINGLE-PLY MEMBRANE
SQ.	SQUARE
S.S.	STAINLESS STEEL
STA	STATION
STD	STANDARD
STL.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
SYMM	SYMMETRICAL
T	TREAD, THICK
TB	TACKBOARD
TC	TOP OF CURB
TCE	TOP OF CURB ELEVATION
TDS	TURNED DOWN SLAB
TEL	TELEPHONE
TFE	TOP OF FOOTING ELEVATION
T & G	TONGUE AND GROOVE
THK	THICK, THICKNESS
THRESH	THRESHOLD
T.O.	TOP OF
TOC	TOP OF CONCRETE
TOIL	TOILET
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TS	TACK STRIP, STRUCTURAL STEEL TUBING
TOW	TOP OF WALL
TYP.	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORY
UNFIN.	UNFINISHED
U.N.O.	UNLESS NOTED OTHERWISE
VAC	VACUUM
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W	WIDE
W.R.	WATER RESISTANT
WWF	WELDED WIRE FABRIC
X	BY
YD	YARD

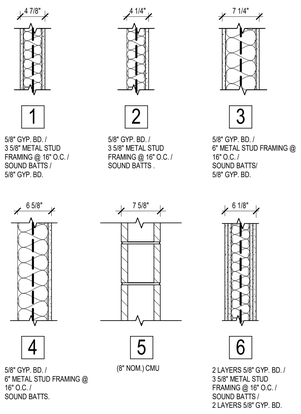
SIGNAGE TYPES



WALL / PARTITION TYPES



EXTERIOR WALL TYPES



INTERIOR WALL TYPES

GENERAL PARTITION TYPE NOTES

P1 PARTITION TYPE. ALL WALLS TO BE EXTENDED FULL HEIGHT TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE, UNLESS NOTED OTHERWISE (SEE BELOW). REFER TO DETAILS ON A6.1.

SCHEDULED MASONRY WALL TO EXTEND A MIN. OF 4" OR NEXT BLOCK COURSE FROM HIGHEST ADJACENT CEILING (UNLESS NOTED OTHERWISE) AND EXTEND PARTITION TO UNDERSIDE OF DECK ABOVE WITH 3 5/8" METAL STUDS AT 16" O.C./SOUND BATT INSUL./ 5/8" GYPSUM BOARD BOTH SIDES.

EX

INDICATES HEIGHT A.F.F. OF SCHEDULED WALL

0'-0"

P2 ALL EXTERIOR WALLS ARE WALL TYPE [A] AND ALL INTERIOR PARTITIONS ARE WALL TYPE [1] UNLESS NOTED OTHERWISE.

P3 INTERIOR WALL TYPES ARE IDENTIFIED BY NUMBER AND EXTERIOR WALL ASSEMBLY TYPES BY LETTER.

P4 PROVIDE SPECIFIED CLOSURES BETWEEN DECK FLUTES AND MASONRY OR DRYWALL PARTITIONS TO ACHIEVE FULL AND COMPLETE CLOSURE OF ALL VOIDS AT TOP OF WALLS INDICATED TO EXTEND FULL HEIGHT.

P5 PARTITION TYPES SHALL MAINTAIN THEIR RESPECTIVE SEPARATION RATING (IF ANY) FOR FULL HEIGHT. ALL MECH., ELEC. AND PLUMBING PENETRATIONS SHALL BE SEALED / SAFED / DAMPERED AS REQUIRED TO COMPLY WITH APPLICABLE CODES.

P6 REFER TO SPECIFIED FIRESTOPPING MEASURES, REQUIRED AT ALL RATED WALL ASSEMBLIES AND AS FOLLOWS:

P7 PROVIDE THE FOLLOWING CLOSURE MATERIALS AT TOP OF INTERIOR MASONRY AND METAL STUD WALLS AND PARTITIONS.

(a) FULL-HEIGHT NON-RATED WALLS: FILL VOIDS WITH BATT INSULATION.

(b) RATED FULL HEIGHT WALLS: FILL VOIDS WITH FIRE SAFING AND INSTALL BACKER ROD AND FIRE RATED SEALANT ON EACH SIDE OF WALL.

(c) FULL HEIGHT UNRATED INCIDENTAL USE SEPARATION PARTITIONS: FILL VOIDS WITH INSULATION AND INSTALL BACKER ROD AND SEALANT ON EACH SIDE OF WALL.

P8 ALL DIMENSIONS ARE TO FACE OF STUDS, MASONRY, ICF OR TO CENTERLINE OF STRUCTURAL STEEL, UNLESS NOTED OTHERWISE.

P9 REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL CMU/GYP. BD./CMU WALL/PARTITION INTERSECTION REQUIREMENTS.

P10 REFER TO WALL SECTIONS AND MISCELLANEOUS DETAILS FOR WALL TRANSITIONS ABOVE ADJACENT ROOF LEVELS - I.E.: BRICK LEDGES, CMU WIDTH AND WALL TYPE TRANSITIONS.

P11 NOT USED.

P12 ALL RUNNING BOND MASONRY SHALL BE INSTALLED WITH GALVANIZED HORIZONTAL MASONRY REINFORCEMENT AT EVERY OTHER VERTICAL MASONRY COURSE U.N.O..

P13 REFER TO STRUCT. DWGS. FOR REQUIREMENTS AND LOCATIONS OF WALLS TO RECEIVE VERTICAL REINFORCING @ PARAPET WALLS

P14 REFER TO STRUCTURAL AND ARCHITECTURAL DWGS. FOR OTHER REQUIREMENTS PERTAINING TO REINFORCED UNIT MASONRY.

P15 PROVIDE SPECIFIED BRICK CAVITY VENTS AT 48" O.C., AT TOP OF WALL CAVITIES AND ABOVE MORTAR NET AT BOTTOM OF WALL CAVITIES TO ALLOW FOR PROPER VENTING OF WALLS.

P16 CONCRETE MASONRY UNITS INSTALLED AT EXTERIOR WALLS SHALL RECEIVE APPLICATION OF SPECIFIED DAMP PROOFING ON CAVITY FACE.

P17 CONTRACTOR SHALL INSTITUTE ALL MEASURES NECESSARY TO ACHIEVE WEATHERTIGHTNESS OF EXTERIOR WALLS BY ALLOWING POSITIVE DRAINAGE OF WATER TO THE EXTERIOR WHERE FLASHING IS INDICATED OR REQUIRED.

(a) KEEP ALL CAVITIES FREE OF MORTAR.

(b) PROVIDE WEEPS ON TOP OF THRU-WALL FLASHING AT 16" O.C. HORIZONTAL AND DO NOT ALLOW THEM TO BECOME CLOSED-OFF.

(c) PROVIDE SPECIFIED APPLICATION OF DAMPPROOFING ON CAVITY FACE OF CONCRETE MASONRY UNIT.

(d) TOOL ALL MORTAR JOINTS AT THE PROPER TIME TO CONSOLIDATE THE SURFACE AND REDUCE WATER INFILTRATION.

(e) REFER TO STRUCTURAL FOR THE USE OF LIGHTWEIGHT OR OTHER THAN THE SPECIFIED CONCRETE UNIT MASONRY AT SINGLE-WYTHE OR MONOLITHIC WALLS. LIGHTWEIGHT CMU WILL NOT BE PERMITTED AT EXTERIOR WALLS.

(f) INSTALL MORTAR NETTING AT ALL THROUGH WALL FLASHING LOCATIONS.

(g) PRIOR TO APPLICATION OF DAMP-PROOFING, CONTRACTOR TO SEAL ALL CONTROL JOINTS, EXPANSION JOINTS & PENETRATIONS IN CMU.

(h) ALL THRU-WALL FLASHING TO EXTEND 1/2" MIN. BEYOND FACE BRICK. FLASHING TO BE TRIMMED FLUSH WITH FACE BRICK PER DIRECTION OF ARCHITECT.

P18 INTERIOR MASONRY AND/OR GYPSUM BOARD EXPOSED TO VIEW SHALL BE PAINTED, UNLESS NOTED OTHERWISE. REFER TO ROOM FINISH GROUPS.

P19 REFER TO ROOM FINISH GROUPS FOR BASE CONDITION.

P20 AT EXTERIOR MASONRY WALLS, CMU SHALL BE EXTENDED TIGHT TO FLOOR AND/OR ROOF DECKS, INCLUDING AROUND ALL PENETRATIONS SUCH AS BEAMS, JOIST ENDS, AND ETC. FILLING VOIDS IN EXT. CMU BACK-UP WITH INSULATION IN LIEU OF A SOLID MASONRY ENCLOSURE SHALL NOT BE PERMITTED.

P21 REFER TO PARTITION DETAILS ON SHEET A6.2 FOR SPECIFIC CONNECTION AND ATTACHMENT/ BRACING OF NON-LOAD BEARING INTERIOR PARTITION WALL TO STRUCTURE/ DECK ABOVE.

P22 REFER TO DETAILS ON A_____FOR TYPICAL BASE FLASHING DETAILS.

P23 WHERE GYPSUM ASSEMBLIES ARE SPECIFIED AT WET WALL LOCATIONS, WATER RESISTANT GYPSUM BOARD TO BE INSTALLED.

P24 METAL STUD FRAMED PARTITIONS, SOFFITS, ETC. TO BE LATERALLY BRACED TO UNDERSIDE OF ROOF FRAMING OR ADJACENT MASONRY WALLS AT 8'-0" O.C. MAX. U.N.O.

P25 NOT USED.

P26 NOT USED.

P27 REFER TO SPECIFICATIONS FOR GYPSUM BOARD CONTROL JOINT SPACING REQUIREMENTS. REFER TO DRAWINGS FOR SPECIFIC LOCATION REQUIREMENTS.

P28 PROVIDE MECHANICAL RESTRAINT FOR INSULATION, AS REQUIRED TO MAINTAIN COMPLETE TIGHT FIT, WHERE INSULATION NOT RESTRAINED BY OTHER CONSTRUCTION.

P29 PROVIDE CLOSED CELL NEOPRENE SILL PLATE GASKET BELOW STUD TRACKS AT ALL INTERIOR AND EXTERIOR STUD WALLS TO SEPARATE STUDS FROM CONCRETE.

P30 GROUT ALL CMU CELLS SOLID BELOW FINISH FLOOR ELEVATION.

ROOM FINISH GROUPS

GENERAL NOTES:

1. WHERE MORE THAN ONE FINISH IS LISTED REFER TO PLANS, SECTIONS, AND DETAILS.
2. SOFFIT PAINT TO BE ACCENT COLORS, UNLESS DIRECTED OTHERWISE BY ARCHITECT.
2. REFER TO TYPICAL BASE DETAILS ON A6.2.
3. REFER TO TYPICAL FLOOR TRANSITION / THRESHOLD DETAILS, SHEET A8.1.
4. REFER TO REFLECTED CEILING PLAN FOR CEILING INFORMATION.
5. REFER TO MECHANICAL DRAWINGS FOR EXPOSED MEP ITEMS AT CEILINGS - PAINT ALL NON-PREFINISHED MEP ITEMS.

XXX RFG 1 (XXX: ROOM NUMBER TYPICAL)
- FLOOR - CARPET TILE
- BASE - 6" RESILIENT BASE
- WALLS - PAINT

XXX RFG 2
- FLOOR - PORCELAIN TILE
- BASE - PORCELAIN TILE (6" HIGH CUT TILE BASE W/ COVE (ACCENT)
- WALLS - PORCELAIN TILE 42" HIGH WITH SCHLUTER TRIM AT ALL EXPOSED EDGES AT WET WALL LOCATIONS. EPOXY PAINT

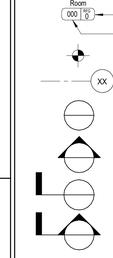
NOTE: AT GROUP TOILET ROOMS PROVIDE PORCELAIN TILE FULL HEIGHT WET WALLS.

XXX RFG 3
- FLOOR - LVT
- BASE - 6" RESILIENT BASE
- WALLS - PAINT

XXX RFG 4
- FLOOR - SEALED CONCRETE
- BASE - 6" RESILIENT BASE
- WALLS - PAINT

XXX RFG 5
- FLOOR - QUARRY TILE
- BASE - 6" QUARRY BASE
- WALLS - EPOXY PAINT

SYMBOL LEGEND



GENERAL NOTES

GN-1 (N.I.C.) MEANS NOT IN CONTRACT. TO BE PROVIDED BY OWNER AND INSTALLED BY OWNER.

GN-2 DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.

GN-3 MASONRY DIMENSIONS ARE NOMINAL. EXTERIOR WALL DIMENSIONS ARE TO EXTERIOR SIDE OF FACE BRICK.

GN-4 REFER TO ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON 1/8" SCALE PLANS.

GN-5 CONTINUOUS SEALANT (AND BACKER ROD AS REQ'D FOR PROPER JOINT INSTALLATION) SHALL BE INSTALLED BETWEEN ALL INTERFACES OF MASONRY, HOLLOW METAL AND ALUMINUM FRAMING, FRP, GYPSUM BOARD, METAL SOFFITS/PANELS, AND OTHER MATERIAL CHANGES WHETHER SPECIFICALLY INDICATED AT ALL LOCATIONS OR NOT. BACKER ROD SHALL BE USED BEHIND ALL SEALANT CONDITIONS (TYPICAL). WHERE SPECIFIC CONDITIONS DO NOT ALLOW BACKER ROD TO BE USED, A BOND BREAKER SHALL BE USED AT THE BACK OF THE JOINT.

GN-6 AT ALL BASE LOCATIONS, CONTRACTOR TO INSTALL NON-BULLNOSE CMU AT FIRST COURSE OF MASONRY.

GN-7 ALL CONCEALED WOOD FRAMING AND PLYWOOD SHALL BE FIRE-RETARDANT TREATED (FRT) EXCEPT THAT NON-F.R.T. BLOCKING, NAILERS AND FURRING MAY BE USED WHERE INSTALLED IN ACCORD WITH KBC SECTION 603 (INCLUDING DIMENSIONAL WOOD BLOCKING, FIRE BLOCKING, REQUIREMENTS, ETC.). WOOD BLOCKING INSTALLED IN ACCORD WITH KBC SECTION 603 FOR HANDRAILS, MILLWORK, CABINETS, WINDOWS AND DOORS IS NOT REQUIRED TO BE F.R.T. AT COPINGS AND ROOFING TERMINATIONS ALL BLOCKING SHALL BE PRESSURE TREATED (PT). WHERE WOOD BLOCKING IS IN CONTACT WITH CMU, CALCIUM SILICATE MASONRY OR CONCRETE, SUCH BLOCKING SHALL BE PRESSURE TREATED. SEE GENERAL NOTES GN-8, GN-9 AND GN-10 FOR SPECIAL REQUIREMENTS AT P.T. WOOD.

GN-8 ALL WOOD BLOCKING AND NAILERS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE PRESERVATIVE TREATED (P.T.)

GN-9 ALL P.T. WOOD SHALL BE SEPARATED FROM CONTACT WITH ANY METAL COMPONENTS WITH SELF ADHERING ELASTOMERIC MEMBRANE FLASHING OR OTHER SIMILAR PERMANENT MEANS.

GN-10 ALL ANCHORS AND FASTENERS IN CONTACT WITH P.T. WOOD SHALL BE STAINLESS STEEL OR G90 HOT DIPPED GALVANIZED, MINIMUM.

GN-11 CONTRACTOR SHALL PROVIDE ALL CONCEALED BLOCKING REQUIRED FOR ATTACHMENT AND SUPPORT OF EQUIPMENT, FIXTURES, STOREFRONT AND CURTAIN WALL, ETC.

GN-12 GYPSUM CEILING BOARD SHALL BE USED AT ALL HORIZONTAL APPLICATIONS OF GYPSUM BOARD.

GN-13 REFER TO STRUCTURAL DRAWINGS FOR TYPES, SIZE, LOCATION, CONNECTIONS, REINFORCEMENT AND OTHER REQUIREMENTS PERTAINING TO STRUCTURAL COMPONENTS INDICATED.

GN-14 REFER TO STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE. WHERE STEEL PLATES ARE A PART OF LINTELS, FACE OF LINTEL SHALL BE INSET 1/2" FROM FACE OF CMU AND / OR MASONRY VENEER, INSTALL SEALANT IN LIEU OF MORTAR TO CONCEAL LINTEL EDGE. ALL RELIEF ANGLES AND EXPOSED COMPONENTS OF STEEL LINTELS, BRACKETS, AND SUPPORTS IN EXTERIOR WALLS SHALL BE HOT-DIPPED GALVANIZED. ALL EXPOSED PORTIONS OF LINTELS AND SUPPORTS SHALL BE PAINTED, TYPICAL.

GN-15 VERIFY REQUIRED DEPTH OF ALL RECESSED SLABS WITH APPROPRIATE MANUFACTURER PRIOR TO PLACEMENT OF SLAB.

GN-16 REFER TO MECHANICAL DRAWINGS FOR ALL FLOOR DRAIN LOCATIONS.

GN-17 LC-BEADS SHALL BE USED AT ALL GYPSUM BOARD TERMINATIONS, TYPICAL. CORNER BEADS SHALL BE USED AT ALL GYPSUM BOARD OUTSIDE CORNERS, TYPICAL. AT ALL LC-BEADS, CORNER BEADS, AND METAL REVEALS, TRIM FLANGES SHALL BE MUDDED AND FINISHED TO PRODUCE A MONOLITHIC GYPSUM BOARD FINISH OVER THE FLANGE TO THE FINISHED EDGE.

GN-18 PAINTED ACCESS PANELS SHALL BE PROVIDED AND INSTALLED WHERE REQUIRED TO MAINTAIN CONCEALED ELECTRICAL AND MECHANICAL SYSTEMS WHETHER INDICATED ON THESE DRAWINGS OR NOT. LOCATIONS SHALL BE APPROVED BY THE ARCHITECT.

GN-19 SAWCUT ALL NON-LOAD-BEARING MASONRY SO AS TO MAINTAIN A 3/8" SOFT JOINT BETWEEN TOP OF MASONRY AND BOTTOM OF STRUCTURE.

GN-20 CONTACT BETWEEN DISSIMILAR METALS SHALL BE SEPARATED WITH BUTYL TAPE.

GN-21 MOUNTING HEIGHTS: (UNLESS NOTED OTHERWISE)
TB (TACK BOARD) MOUNT TOP AT 6'-4" AFF
MB (MARKER BOARD) MOUNT TOP AT 6'-4" AFF
WP (WALL PAD) MOUNT TOP AT 6'-8" AFF
MOUNT TOP OF ACTIVE BOARDS/SMART BOARDS AT 6'-4" A.F.F.

GN-22 ALL DOOR FRAMES ARE TO BE LOCATED 4" OFF OF THE FACE OF THE ADJACENT WALL UNLESS NOTED OTHERWISE

ADDITIVE ALTERNATES

1. GARAGE ADDITION.
2. PRE-ENGINEERED METAL STORAGE BUILDING AND ASSOCIATED SITEWORK.
3. REMOVAL OF ARCHITECTURAL FEATURES AND DECORATIONS ON BUILDING ELEVATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

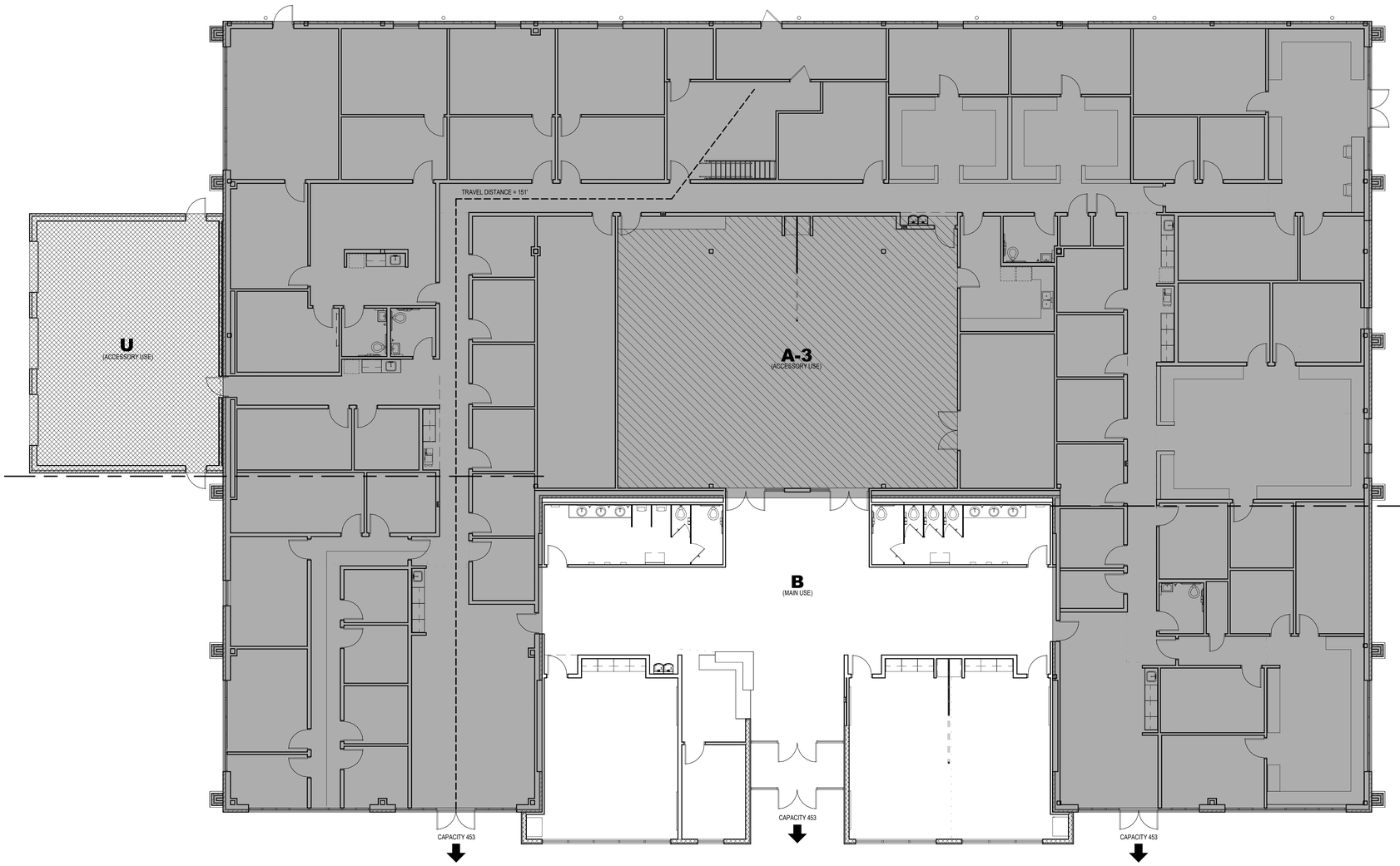
ABBREVIATIONS, SYMBOL LEGEND, GENERAL NOTES & PARTITION TYPES

JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	ALC, ASC
CHECKED	-

REVISIONS

No.	Description	Date

SHEET
N0.1



1 FIRST FLOOR NEW WORK PLAN
1/8" = 1'-0"

PROJECT SUMMARY

PROJECT INVOLVES THE RENOVATION OF AN EXISTING BUILDING OF APPROXIMATELY 18,413 SF, A BUSINESS OCCUPANCY ADDITION OF APPROXIMATELY 4,200 SF AND A PRIVATE GARAGE ADDITION OF APPROXIMATELY 1,200 SF. THE ENTIRETY OF THE EXISTING INTERIOR FIT-UP WILL BE DEMOLISHED AND REPLACED WITH NEW CONSTRUCTION. APPROXIMATELY THE NORTHERNMOST THIRD OF THE BUILDING IS NOT FIT-UP AND DOES NOT CURRENTLY HAVE A FLOOR SLAB.

SEISMIC DESIGN CRITERIA

(REFER TO SHEET SO.1 FOR ADDITIONAL INFORMATION)

SEISMIC OCCUPANCY CATEGORY	III
SITE CLASS	D
SEISMIC DESIGN CATEGORY	D

OCCUPANCY LOAD CALCULATIONS

- KBC TABLE 1004.2.1

NOTE: THE FOLLOWING AREAS WERE CALCULATED ON A ROOM-BY ROOM BASIS AND TOTALED TO THE AREAS BELOW.

BUSINESS AREAS 1:100 = 14,177 /100 = 142
STORAGE ROOM 1:300 = 2,052 / 300 = 7
BOARD ROOM 1:7 = 2,228 / 7= 318
MECH / ELEC / JAN = 1,512 / 300 = 5
476 OCCUPANTS = 2 EXITS REQUIRED, 3 EXITS PROVIDED AT 906 CAPACITY 180" / 0.15")

CODE COMPLIANCE INFORMATION

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE 2018 THIRD EDITION

USE GROUP: NON-SEPARATED MIXED USE
B (BUSINESS) = 20,418 SF MAIN USE
U (PRIVATE GARAGE = 1,200 SF (5%)) ACCESSORY USE
A (BOARD ROOM = 2,243 SF(9.4%)) ACCESSORY USE

CONSTRUCTION TYPE: EXISTING BUILDING: 2B
ADDITION: 2B

FIRE PROTECTION: FULLY SPRINKLERED PER NFPA 13, EXISTING AND ADDITION

BUILDING HEIGHT CALCULATIONS : TABLES 504.3 AND 504.4

ALLOWABLE HEIGHT	= 3 STORIES / 75'-0" (TABLE 504)
ACTUAL BUILDING HEIGHT	= 1 STORY / 26'-0" (EXISTING)

TRAVEL DISTANCES :

TRAVEL DISTANCE TO EXIT:
ACTUAL MAXIMUM TRAVEL DISTANCE: 151'-0"
(MAXIMUM ALLOWABLE TRAVEL DISTANCE: 250'-0" (PER TABLE 1016)
DEAD-END CORRIDOR ALLOWED IS 50 FEET, MAXIMUM DESIGNED = 1'-6"

BUILDING AREA:

ALLOWABLE AREA (TABLE 506.2) = 92,000 PER FLOOR

BUILDING AREA:

FIRST FLOOR (EXISTING):	18,413 SQ. FT.
FIRST FLOOR ADDITION:	5,448 SQ. FT.
FIRST FLOOR TOTAL:	23,861 SQ. FT.

MINIMUM FIRE RESISTANCE RATINGS (PER TABLES 601 AND 602)

STRUCTURAL FRAME	:	0 HR
BEARING WALLS EXTERIOR	:	0 HR
BEARING WALLS INTERIOR	:	0 HR
NON-BEARING EXTERIOR WALLS	:	0 HR > 30' DISTANCE
NON-BEARING INTERIOR WALLS	:	0 HR
FLOOR CONSTRUCTION	:	0 HR
ROOF CONSTRUCTION (< 20 FT. ABOVE FLOOR)	:	0 HR
ROOF CONSTRUCTION (> 20 FT. ABOVE FLOOR)	:	0 HR

ASSEMBLY RATINGS

8" CMU WALL :	1 HOUR, UL NO. U906
8" CMU WALL :	2 HOUR, UL NO. U905
12" CMU WALL:	1 HOUR, UL NO. U906
12" ICF:	I HOUR, UL NO. U930

SPECIAL INSPECTIONS PER CHAPTER 17 OF THE KENTUCKY BUILDING CODE

NOTE: IN ADDITION TO OTHER TESTS AND INSPECTIONS REQUIRED BY THE SPECIFICATIONS, THE OWNER SHALL PROVIDE THE SERVICES OF QUALIFIED THIRD-PARTY INSPECTORS TO PERFORM ALL REQUIRED SPECIAL INSPECTIONS AS FOLLOWS:

SECTION	ITEM	REQUIRED? YES	REQUIRED? NO	REMARKS
1704.2.5	FABRICATORS	X		STEEL FABRICATION SPECIAL INSPECTION IS REQUIRED IF THE FABRICATOR IS NOT A.I.S.C. OR AWS CERTIFIED.
1704.6	STRUCTURAL OBSERVATIONS	X		SEE SECTION 1704.6.1 FOR SEISMIC AND SECTION 1406.2 FOR WIND REQUIREMENTS
1705.1.1	SPECIAL CASES - TORNADO SHELTER	X		
1705.2	STEEL	X		STRUCTURAL STEEL AND JOISTS, PER TABLE 1705.2.2
1705.3	CONCRETE	X		PER TABLE 1705.3
1705.4	MASONRY	X		PER TMS 402 / TMS 602
1705.5	WOOD		X	NONE
1705.6	SOILS	X		PER TABLE 1705.6
1705.7	DRIVEN DEEP FOUNDATION		X	NONE
1705.8	CAST-IN-PLACE DEEP FOUNDATIONS		X	NONE
1705.9	HELICAL PILE FOUNDATIONS		X	NONE
1705.10	INSPECTIONS FOR WIND RESISTANCE		X	Vasd 93 MPH
1705.10	FABRICATED ITEMS	X		PER SECTION 1704.2.5
1705.11.1	WIND - STRUCTURAL WOOD		X	NONE
1705.11.2	WIND - COLD-FORMED STEEL FRAMING		X	NONE
1705.11.3	WIND - WIND RESISTING COMPONENTS		X	NONE
1705.12.1	SEISMIC - STRUCTURAL STEEL	X		SEISMIC DESIGN CATEGORY "D"
1705.12.2	SEISMIC - STRUCTURAL WOOD		X	SEISMIC DESIGN CATEGORY "D"
1705.12.3	SEISMIC - COLD FORMED STEEL FRAMING		X	NONE
1705.12.4	DEDICATED SEISMIC SYSTEMS		X	SEISMIC DESIGN CATEGORY "D"
1705.12.5	SEISMIC - ARCHITECTURAL COMPONENTS - INTERIOR / EXTERIOR NON-LOAD BEARING WALLS AND VENEER IN STRUCTURES		X	SEISMIC DESIGN CATEGORY "D"
1705.12.6	SEISMIC - MECHANICAL AND ELECTRICAL COMPONENTS	X		SEISMIC DESIGN CATEGORY "D"
1705.12.7	SEISMIC - STORAGE RACKS AND ACCESS FLOORS		X	NONE
1705.12.8	SEISMIC - SEISMIC ISOLATION SYSTEMS		X	NONE
1705.12.9	SEISMIC - COLD-FORMED STEEL SPECIAL BOLTED MOMENT FRAMES		X	NONE
1705.13.1.1	SEISMIC TESTING - SEISMIC FORCE RESISTING SYSTEMS		X	NONE
1705.13.1.2	SEISMIC TESTING - STRUCTURAL STEEL ELEMENTS	X		NONE
1705.13.2	SEISMIC TESTING - NONSTRUCTURAL COMPONENTS		X	NONE
1705.13.3	SEISMIC TESTING - DESIGNATED SEISMIC SYSTEMS		X	NONE
1705.13.4	SEISMIC TESTING - SEISMIC ISOLATION SYSTEMS		X	NONE
1705.14	SPRAYED FIREPROOFING		X	NONE
1705.15	MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS		X	NONE
1705.16	E.I.F.S.		X	NONE
1705.17	FIRE RESISTANT PENETRATIONS AND JOINTS	X		PER 1705.17.1 AND 1705.17.2
1705.18	SMOKE CONTROL		X	NONE

SHERMAN CARTER BARNHART ARCHITECTS

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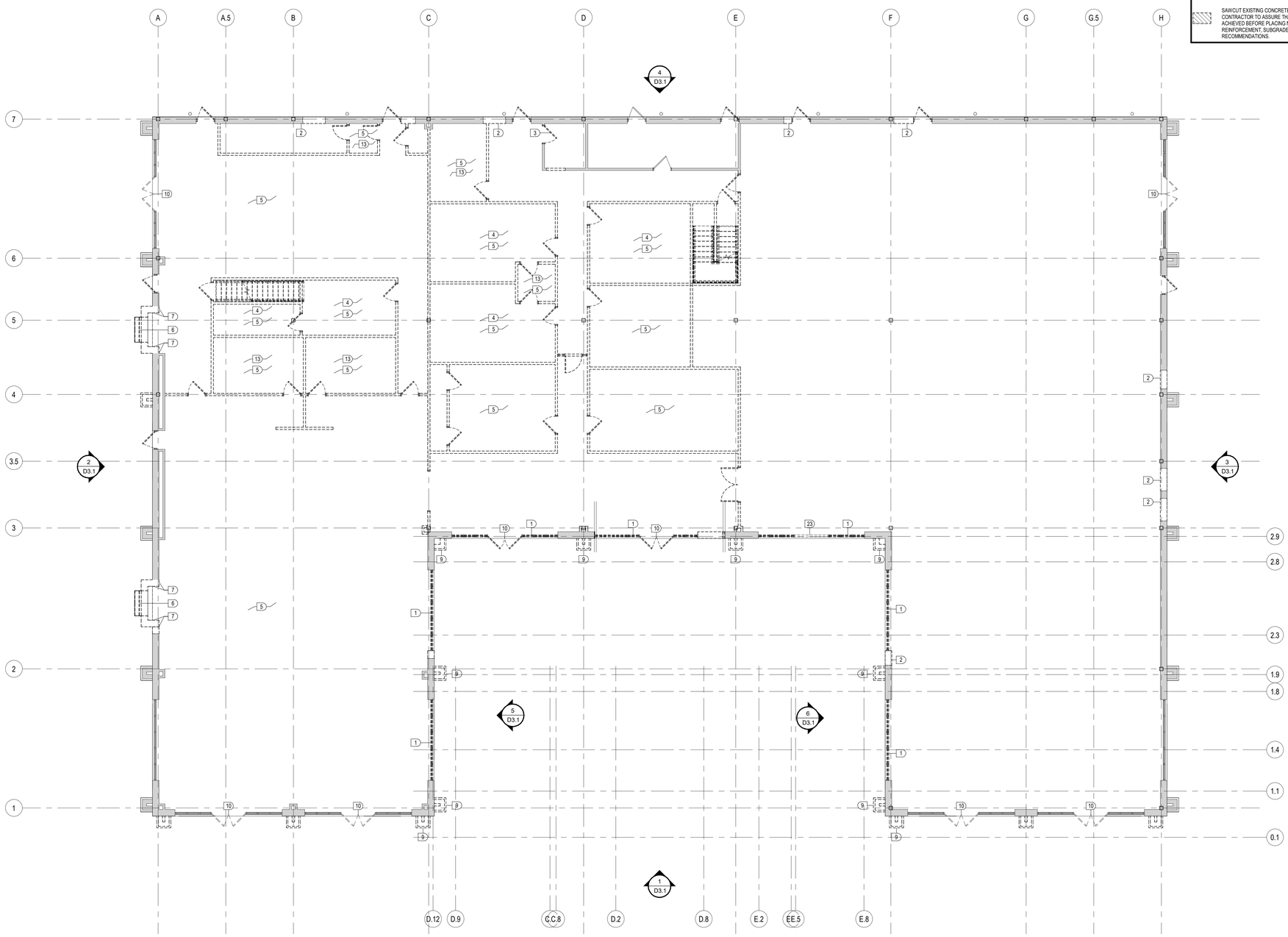
DRAWN	ALC, ASC
CHECKED	-

REVISIONS

No.	Description	Date

SHEET
C0.1



1 FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"

NORTH

DEMOLITION SYMBOL LEGEND

- DEMOLITION KEY NOTE
- EXISTING WALL / CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED - FULL HEIGHT U.N.O. SEE SELECTIVE DEMOLITION NOTES
- EXISTING DOOR / DOOR & FRAME TO REMAIN
- EXISTING DOOR / DOOR & FRAME TO BE REMOVED, U.N.O.
- LIMITED TO NO ARCHITECTURAL WORK. EXISTING FINISHES TO REMAIN U.N.O. REFER TO MEP FOR MEP WORK THAT MAY BE REQUIRED.
- SAWCUT EXISTING CONCRETE SLAB FOR NEW MECHANICAL WORK. CONTRACTOR TO ASSURE THAT ADEQUATE SOIL COMPACTION IS ACHIEVED BEFORE PLACING NEW WORK. PROVIDE NEW REINFORCEMENT, SUBGRADE AND CONCRETE PER STRUCTURAL RECOMMENDATIONS.

GENERAL DEMOLITION NOTES

1. DEMOLITION REFERENCE NOTES FOR THIS PROJECT ARE INTENDED TO GENERALLY IDENTIFY THE SELECTIVE REMOVAL OF EXISTING ITEMS AT LOCATIONS WHERE REQUIRED BUT, SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE FULL RESPONSIBILITY FOR EXAMINING AND VERIFYING THE FULL EXTENT OF EXISTING CONDITIONS PRIOR TO BIDDING THE PROJECT
2. THE INTENT OF THE DEMOLITION NOTES IS TO PROVIDE A GENERAL OUTLINE FOR THE CONTRACTOR OF ITEMS TO BE REMOVED AND/OR TURNED OVER TO THE OWNER AND TO ALLOW FOR THE NEW CONSTRUCTION AS OUTLINED ELSEWHERE IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL OF ITEMS TO ALLOW FOR NEW CONSTRUCTION SHOWN OR NOT SHOWN ON DEMOLITION PLANS AS MAY BE REQUIRED.
3. CAVITY WALLS AND SPACES BEHIND EXTERIOR FINISHES OR PARTIALLY REMOVED WALLS/ROOFS, ETC. SHALL BE PROTECTED FROM EXPOSURE TO WEATHER BY THE CONTRACTOR. WALLS/ROOFS, ETC. SHALL BE PROTECTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGED WALLS, ROOFS, EQUIPMENT, ETC. CAUSED BY THIS DEMOLITION OR WEATHER EXPOSURE OF ITEMS THAT ARE TO REMAIN.
4. INFORMATION AND DRAWINGS INCLUDED IN THESE CONTRACT DOCUMENTS PERTAINING TO HOPKINS COUNTY CENTRAL HIGH SCHOOL HAVE BEEN OBTAINED FROM ORIGINAL DRAWINGS PROVIDED BY HOPKINS COUNTY PUBLIC SCHOOLS. THIS INFORMATION IS INCLUDED HEREIN WITH THE INTENT TO PROVIDE THE CONTRACTOR WITH A BASIC UNDERSTANDING OF EXISTING CONDITIONS. ACTUAL CONDITIONS AND DIMENSIONS MAY VARY FROM THOSE INDICATED ON ORIGINAL DRAWINGS.
5. REFER TO MECHANICAL AND/OR ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS PERTAINING TO THE REMOVAL, RELOCATION AND/OR MODIFICATION OF ITEMS RELATED TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS.
6. SHOULD THE CONTRACTOR ENCOUNTER ANY MATERIALS DURING SELECTIVE DEMOLITION AND NEW WORK WHICH ARE SUSPECTED BY THE CONTRACTOR TO BE OF AN UNKNOWN OR QUESTIONABLE COMPOSITION WITH RESPECT TO CONTAINING CONTAMINANTS, TOXIC MOLDS OR FUNGI WHICH MAY BE HAZARDOUS TO HUMAN HEALTH, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF SUCH FINDINGS.
7. WHERE AN EXISTING CMU WALL IS REMOVED AND NO NEW WALL IS SHOWN TO BE INSTALLED, REMOVE EXISTING CMU WALL TO 8 INCHES BELOW ADJACENT FLOOR SLAB. PATCH AND REPAIR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOOR FINISH. REFER TO NEW WORK PLANS.
8. ALL AREAS LEFT EXPOSED AS A RESULT OF DEMOLITION AND/OR EQUIPMENT REMOVAL SHALL BE PATCHED AND REPAIRED TO RESULT IN A FLUSH SMOOTH SURFACE PREPARED TO RECEIVE NEW FINISHES AS SCHEDULED. ANY AREAS / OPENINGS IN MASONRY WALLS LARGER THAN 2" EXPOSED TO VIEW SHALL BE PATCHED WITH SOAPED IN CMU UNITS TOOTHED-IN INTO EXISTING MASONRY.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHING AND REPAIRING DUE TO DEMOLITION AND/OR REMOVAL OF EQUIPMENT TO CREATE A FLUSH, SMOOTH SURFACE PROPERLY PREPARED TO RECEIVE NEW FINISHES AS SCHEDULED. CONTRACTOR SHALL SOAP IN NEW CMU TO MATCH EXISTING ADJACENT AREAS.
10. THE CONTRACTOR SHALL COORDINATE SPECIFIC DEMOLITION AND ASSOCIATED DATES WITH THE OWNER, REFER TO MECHANICAL / ELECTRICAL PLANS.
11. UNLESS INDICATED OTHERWISE, ALL EXISTING FLOOR SLABS SHALL MEET NEW FLOOR SLABS AT THE SAME ELEVATION, WHERE NEW FINISHES SHALL BE INSTALLED FLUSH. CONTRACTOR SHALL VERIFY ALL EXISTING FLOOR SLABS FOR COMPLIANCE PRIOR TO PLACING NEW SLABS AT ASSUMED ELEVATIONS INDICATED.
12. REFER TO ROOF PLANS FOR ADDITIONAL ROOF DEMOLITION NOTES.
13. ALL EXISTING WORK TO BE SHADED GRAY, REFER TO DRAWINGS.

DEMOLITION KEY NOTES

1. REMOVE EXIST. STOREFRONT AND PREPARE OPENING FOR NEW WORK.
2. NEW MASONRY OPENING IN EXIST. WALL. REFER TO NEW WORK PLANS FOR EXTENTS OF OPENING.
3. REMOVE EXIST. DOOR, ASSOCIATED HARDWARE AND HOLLOW METAL FRAME. PREPARE FOR NEW WORK.
4. REMOVE EXISTING CARPET AND WALL BASE IN ITS ENTIRETY, SCRAPE AND PREPARE SURFACE TO RECEIVE NEW FINISHES.
5. REMOVE EXISTING CEILING, LIGHTING, & CLG. DIFFUSERS / DEVICES IN THIS AREA.
6. REMOVE EXIST. DRIVE THRU WINDOW COMPLETE.
7. REMOVE EXIST. MASONRY WALL TO EXTENTS SHOWN.
8. AT NEW DOOR LOCATIONS DEMOLISH EXISTING MASONRY WALL AS REQUIRED FOR INSTALLATION OF NEW BOND BEAMS OR STEEL BEAMS (MIN. 8-INCHES) ABOVE T.O. NEW FRAME AND AS REQUIRED AT STRIKE AND JAMB SIDES OF NEW DOOR). TOOTH IN NEW MASONRY AT EDGES OF NEW OPENING TO NEAREST JOINT, MIN 8". REFER TO NEW WORK AND STRUCTURAL.
9. REMOVE EXIST. PILASTERS.
10. REMOVE EXIST. ALUMINUM AND GLASS ENTRANCE AND PREPARE OPENING FOR NEW WORK.
11. DEMOLISH, PATCH, REPAIR, & PAINT EXIST. WALL AS REQUIRED FOR NEW CONDUIT INSTALLATION / PENETRATIONS. REFER TO MP&E DWGS.
12. DEMOLISH EXISTING EIFIS DIAMONDS COMPLETE. PATCH AND PREP FOR NEW PAINT TO MATCH EXISTING.
13. REMOVE EXISTING FLOOR AND WALL TILE IN ITS ENTIRETY, SCRAPE AND PREPARE SURFACE TO RECEIVE NEW FINISHES.
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15. DEMOLISH EXISTING FLOORING & BASE TO EXISTING SLAB & PREP. FOR NEW WORK.
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DUE TO THE AGE OF THE EXISTING BUILDINGS, IT IS POSSIBLE HAZARDOUS MATERIALS OR TOXIC SUBSTANCES / MOLDS MAY EXIST. THIS INCLUDES BUT IS NOT LIMITED TO ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB), AND OTHER TOXIC SUBSTANCES. IF ANY WORK PERSON ENCOUNTERS ANY MATERIAL OR SUBSTANCE WHICH THEY SUSPECT MIGHT BE HAZARDOUS OR TOXIC, THEY SHALL IMMEDIATELY ADVISE THE OWNER. THE CONTRACTOR SHALL TAKE IMMEDIATE AND APPROPRIATE ACTION TO PROTECT THE BUILDING USERS AND WORKERS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS, CODES AND REGULATIONS. THE ARCHITECT AND ARCHITECTS CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS OR TOXIC SUBSTANCES IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB), OTHER TOXIC SUBSTANCES, OR TOXIC MOLDS.

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2. IF THE WORK WHICH IS TO BE PERFORMED UNDER THE CONTRACT INTERFACES IN ANY WAY WITH THE EXISTING COMPONENTS WHICH CONTAIN HAZARDOUS MATERIALS OR TOXIC SUBSTANCES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNER'S ENVIRONMENTAL CONSULTANT REGARDING THE PROPER MEANS AND METHODS TO BE UTILIZED IN DEALING WITH HAZARDOUS MATERIALS AND SUBSTANCES.
3. BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR HEREBY AGREES TO BRING NO CLAIM FOR NEGLIGENCE, BREACH OF CONTRACT, INDEMNITY OR OTHERWISE AGAINST THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS OR CONSULTANTS IF SUCH A CLAIM IN ANY WAY WOULD INVOLVE THE INVESTIGATION OF OR REMEDIAL WORK RELATED TO HAZARDOUS MATERIALS OR TOXIC SUBSTANCES IN THE PROJECT.
4. BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS AND CONSULTANTS HARMLESS FROM ANY SUCH ASBESTOS, OTHER HAZARDOUS MATERIALS, OR TOXIC SUBSTANCES / MOLD RELATED CLAIMS THAT MAY BE BROUGHT BY THE CONTRACTOR'S SUBCONTRACTORS, SUPPLIERS OR OTHER THIRD PARTIES WHO MAY BE ACTING UNDER THE DIRECTION OF THE CONTRACTOR PURSUANT TO THIS PROJECT.

SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

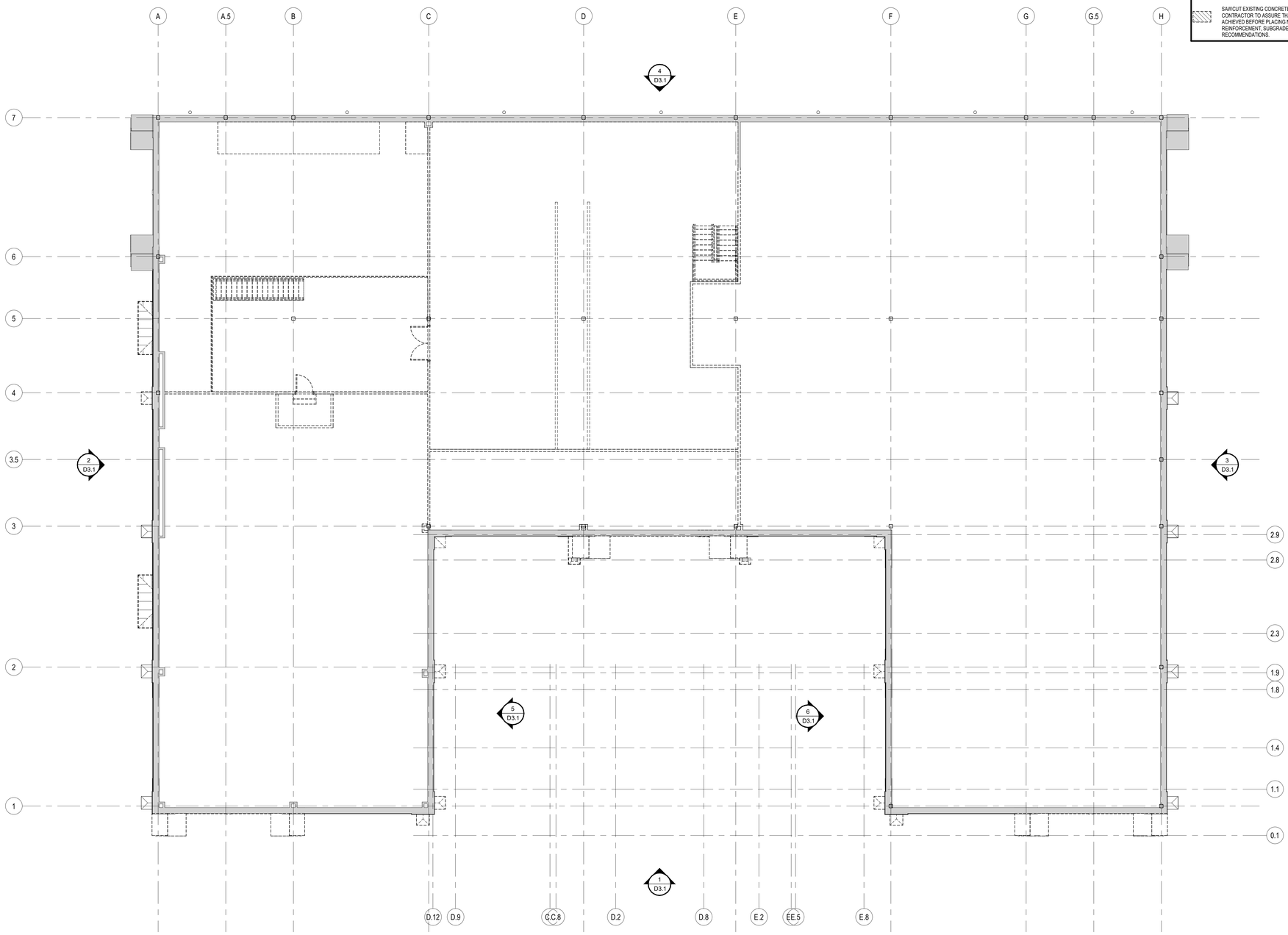
DEMOLITION PLANS

JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	ALC, ASC
CHECKED	-

REVISIONS

No.	Description	Date

SHEET
D1.1



1 SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

NORTH

DEMOLITION SYMBOL LEGEND

- DEMOLITION KEY NOTE
- EXISTING WALL / CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED - FULL HEIGHT U.N.O. SEE SELECTIVE DEMOLITION NOTES
- EXISTING DOOR / DOOR & FRAME TO REMAIN
- EXISTING DOOR / DOOR & FRAME TO BE REMOVED, U.N.O.
- LIMITED TO NO ARCHITECTURAL WORK. EXISTING FINISHES TO REMAIN U.N.O. REFER TO MEP FOR MEP WORK THAT MAY BE REQUIRED.
- SAWCUT EXISTING CONCRETE SLAB FOR NEW MECHANICAL WORK. CONTRACTOR TO ASSURE THAT ADEQUATE SOIL COMPACTION IS ACHIEVED BEFORE PLACING NEW WORK. PROVIDE NEW REINFORCEMENT, SUBGRADE AND CONCRETE PER STRUCTURAL RECOMMENDATIONS.

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2. THE INTENT OF THE DEMOLITION NOTES IS TO PROVIDE A GENERAL OUTLINE FOR THE CONTRACTOR OF ITEMS TO BE REMOVED AND/OR TURNED OVER TO THE OWNER AND TO ALLOW FOR THE NEW CONSTRUCTION AS OUTLINED ELSEWHERE IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL OF ITEMS TO ALLOW FOR NEW CONSTRUCTION SHOWN OR NOT SHOWN ON DEMOLITION PLANS AS MAY BE REQUIRED.
3. CAVITY WALLS AND SPACES BEHIND EXTERIOR FINISHES OR PARTIALLY REMOVED WALLS/ROOFS, ETC. SHALL BE PROTECTED FROM EXPOSURE TO WEATHER BY THE CONTRACTOR. WALLS/ROOFS, ETC. SHALL BE PROTECTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGED WALLS, ROOFS, EQUIPMENT, ETC. CAUSED BY THIS DEMOLITION OR WEATHER EXPOSURE OF ITEMS THAT ARE TO REMAIN.
4. INFORMATION AND DRAWINGS INCLUDED IN THESE CONTRACT DOCUMENTS PERTAINING TO HOPKINS COUNTY CENTRAL HIGH SCHOOL HAVE BEEN OBTAINED FROM ORIGINAL DRAWINGS PROVIDED BY HOPKINS COUNTY PUBLIC SCHOOLS. THIS INFORMATION IS INCLUDED HEREIN WITH THE INTENT TO PROVIDE THE CONTRACTOR WITH A BASIC UNDERSTANDING OF EXISTING CONDITIONS. ACTUAL CONDITIONS AND DIMENSIONS MAY VARY FROM THOSE INDICATED ON ORIGINAL DRAWINGS.
5. REFER TO MECHANICAL AND/OR ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS PERTAINING TO THE REMOVAL, RELOCATION AND/OR MODIFICATION OF ITEMS RELATED TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS.
6. SHOULD THE CONTRACTOR ENCOUNTER ANY MATERIALS DURING SELECTIVE DEMOLITION AND NEW WORK WHICH ARE SUSPECTED BY THE CONTRACTOR TO BE OF AN UNKNOWN OR QUESTIONABLE COMPOSITION WITH RESPECT TO CONTAINING CONTAMINANTS, TOXIC MOLDS OR FUNGI WHICH MAY BE HAZARDOUS TO HUMAN HEALTH, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF SUCH FINDINGS.
7. WHERE AN EXISTING CMU WALL IS REMOVED AND NO NEW WALL IS SHOWN TO BE INSTALLED, REMOVE EXISTING CMU WALL TO 8 INCHES BELOW ADJACENT FLOOR SLAB. PATCH AND REPAIR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOOR FINISH. REFER TO NEW WORK PLANS.
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SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

DEMOLITION PLANS

JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	ALC, ASC
CHECKED	-

REVISIONS

No.	Description	Date

SHEET
D1.2

2265
HOPKINS COUNTY BOARD OFFICE RENOVATION
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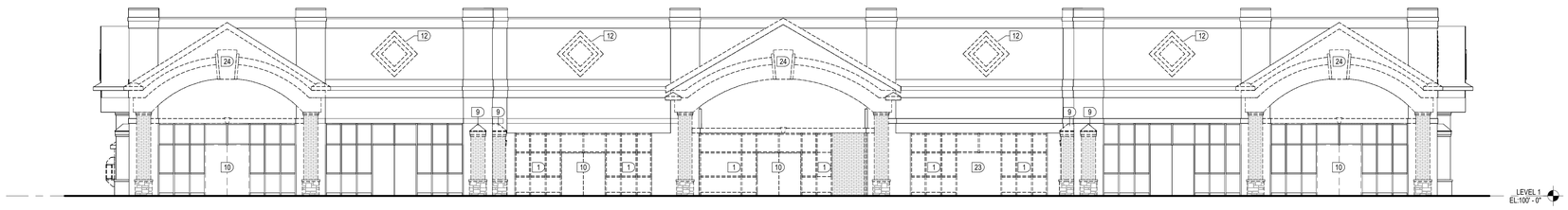
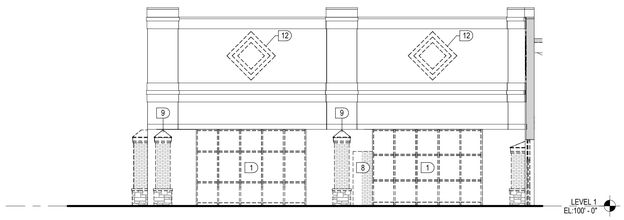


1 DEMOLITION BUILDING ELEVATION
1/8" = 1'-0"



5 DEMOLITION BUILDING ELEVATION
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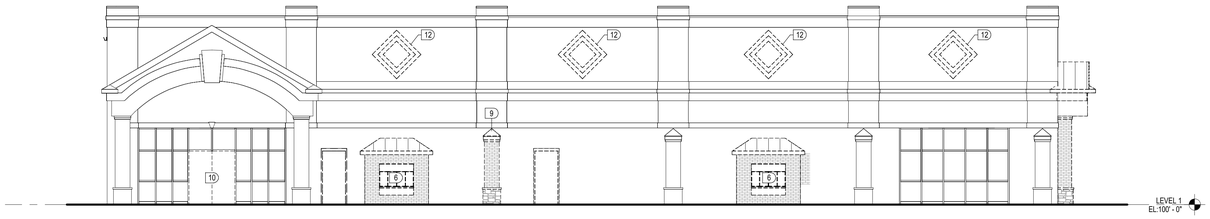
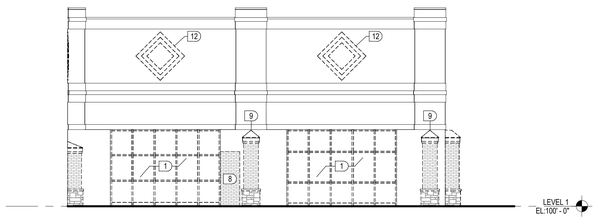


2 DEMOLITION BUILDING ELEVATION
1/8" = 1'-0"



6 DEMOLITION BUILDING ELEVATION
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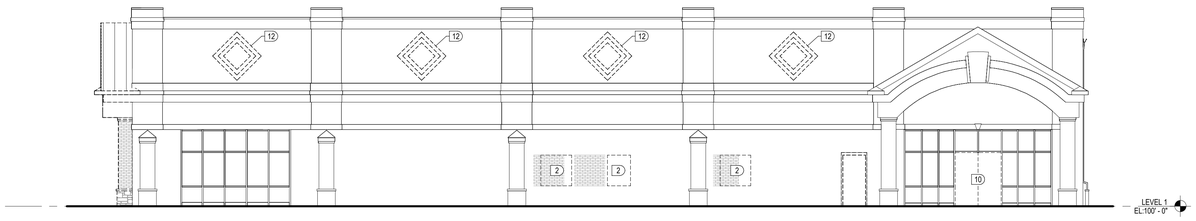

3 DEMOLITION BUILDING ELEVATION
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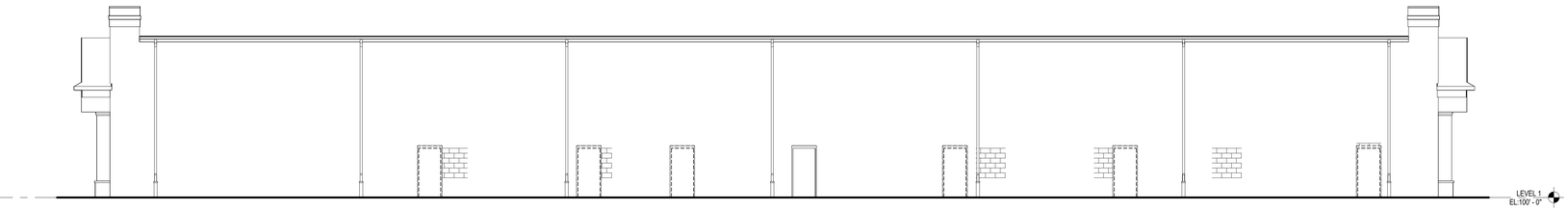

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DEMOLITION SYMBOL LEGEND

- DEMOLITION KEY NOTE
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9. REMOVE EXIST. PILASTERS.
10. REMOVE EXIST. ALUMINUM AND GLASS ENTRANCE AND PREPARE OPENING FOR NEW WORK.
11. DEMOLISH, PATCH, REPAIR, & PAINT EXIST. WALL AS REQUIRED FOR NEW CONDUIT INSTALLATION / PENETRATIONS. REFER TO MP&E DWGS.
12. DEMOLISH EXISTING EIFS DIAMONDS COMPLETE. PATCH AND PREP FOR NEW PAINT TO MATCH EXISTING.
13. REMOVE EXISTING FLOOR AND WALL TILE IN ITS ENTIRETY, SCRAPE AND PREPARE SURFACE TO RECEIVE NEW FINISHES.
14. DEMOLISH EXISTING FIXTURE.
15. DEMOLISH EXISTING FLOORING & BASE TO EXISTING SLAB & PREP. FOR NEW WORK.
16. PREP. EXISTING WALL FOR NEW CONSTRUCTION.
17. REMOVE EXISTING KITCHEN EQUIPMENT & RETURN TO OWNER.
18. DEMOLISH EXISTING SOFFIT, FASCIA, GUTTER & PREP. FOR NEW WORK.
19. DEMOLISH PORTION OF EXISTING WALL.
20. DEMOLISH PORTION OF SLAB FOR NEW PLUMBING.
21. DEMOLISH EXISTING CONCRETE PAD.
22. DEMOLISH BRICK & INSULATION COMPONENTS OF EXISTING WALL, PREP. FOR NEW WORK.
23. REMOVE EXISTING PLYWOOD AND PREP FOR NEW WORK.
24. DEMOLISH EXISTING EIFS ARCHITECTURAL ORNAMENTATION AND ASSOCIATED METAL ROOFS. PREP FOR EIFS PATCHING.

HAZARDOUS MATERIALS & TOXIC SUBSTANCES NOTES

DUE TO THE AGE OF THE EXISTING BUILDINGS, IT IS POSSIBLE HAZARDOUS MATERIALS OR TOXIC SUBSTANCES / MOLDS MAY EXIST. THIS INCLUDES BUT IS NOT LIMITED TO ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB), AND OTHER TOXIC SUBSTANCES. IF ANY WORK PERSON ENCOUNTERS ANY MATERIAL OR SUBSTANCE WHICH THEY SUSPECT MIGHT BE HAZARDOUS OR TOXIC, THEY SHALL IMMEDIATELY ADVISE THE OWNER. THE CONTRACTOR SHALL TAKE IMMEDIATE AND APPROPRIATE ACTION TO PROTECT THE BUILDING USERS AND WORKERS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS, CODES AND REGULATIONS. THE ARCHITECT AND ARCHITECTS CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS OR TOXIC SUBSTANCES IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB), OTHER TOXIC SUBSTANCES, OR TOXIC MOLDS.

1. THE CONTRACTOR IS HEREBY ADVISED THAT SHERMAN-CARTER-BARNHART, PLLC IS NOT A DESIGN PROFESSIONAL IN THE DETERMINATION OF THE PRESENCE OF HAZARDOUS MATERIALS, NOR IS SHERMAN-CARTER-BARNHART, PLLC A DESIGN PROFESSIONAL INVOLVED IN MAKING RECOMMENDATIONS REGARDING THE TESTING, REMOVAL, ENCAPSULATION OR OTHER CORRECTIVE MEASURES PERTAINING TO HAZARDOUS MATERIALS OR TOXIC MOLDS / SUBSTANCES.
2. IF THE WORK WHICH IS TO BE PERFORMED UNDER THE CONTRACT INTERFACES IN ANY WAY WITH THE EXISTING COMPONENTS WHICH CONTAIN HAZARDOUS MATERIALS OR TOXIC SUBSTANCES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNER'S ENVIRONMENTAL CONSULTANT REGARDING THE PROPER MEANS AND METHODS TO BE UTILIZED IN DEALING WITH HAZARDOUS MATERIALS AND SUBSTANCES.
3. BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR HEREBY AGREES TO BRING NO CLAIM FOR NEGLIGENCE, BREACH OF CONTRACT, INDEMNITY OR OTHERWISE AGAINST THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS OR CONSULTANTS IF SUCH A CLAIM IN ANY WAY WOULD INVOLVE THE INVESTIGATION OF OR REMEDIAL WORK RELATED TO HAZARDOUS MATERIALS OR TOXIC SUBSTANCES IN THE PROJECT.
4. BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS AND CONSULTANTS HARMLESS FROM ANY SUCH ASBESTOS, OTHER HAZARDOUS MATERIALS, OR TOXIC SUBSTANCES / MOLD RELATED CLAIMS THAT MAY BE BROUGHT BY THE CONTRACTOR'S SUBCONTRACTORS, SUPPLIERS OR OTHER THIRD PARTIES WHO MAY BE ACTING UNDER THE DIRECTION OF THE CONTRACTOR PURSUANT TO THIS PROJECT.

SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OF OFFICE RENOVATION

2135 NORTH MAIN STREET
MADISONVILLE KY

DEMOLITION ELEVATIONS

JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	ALC, ASC
CHECKED	-

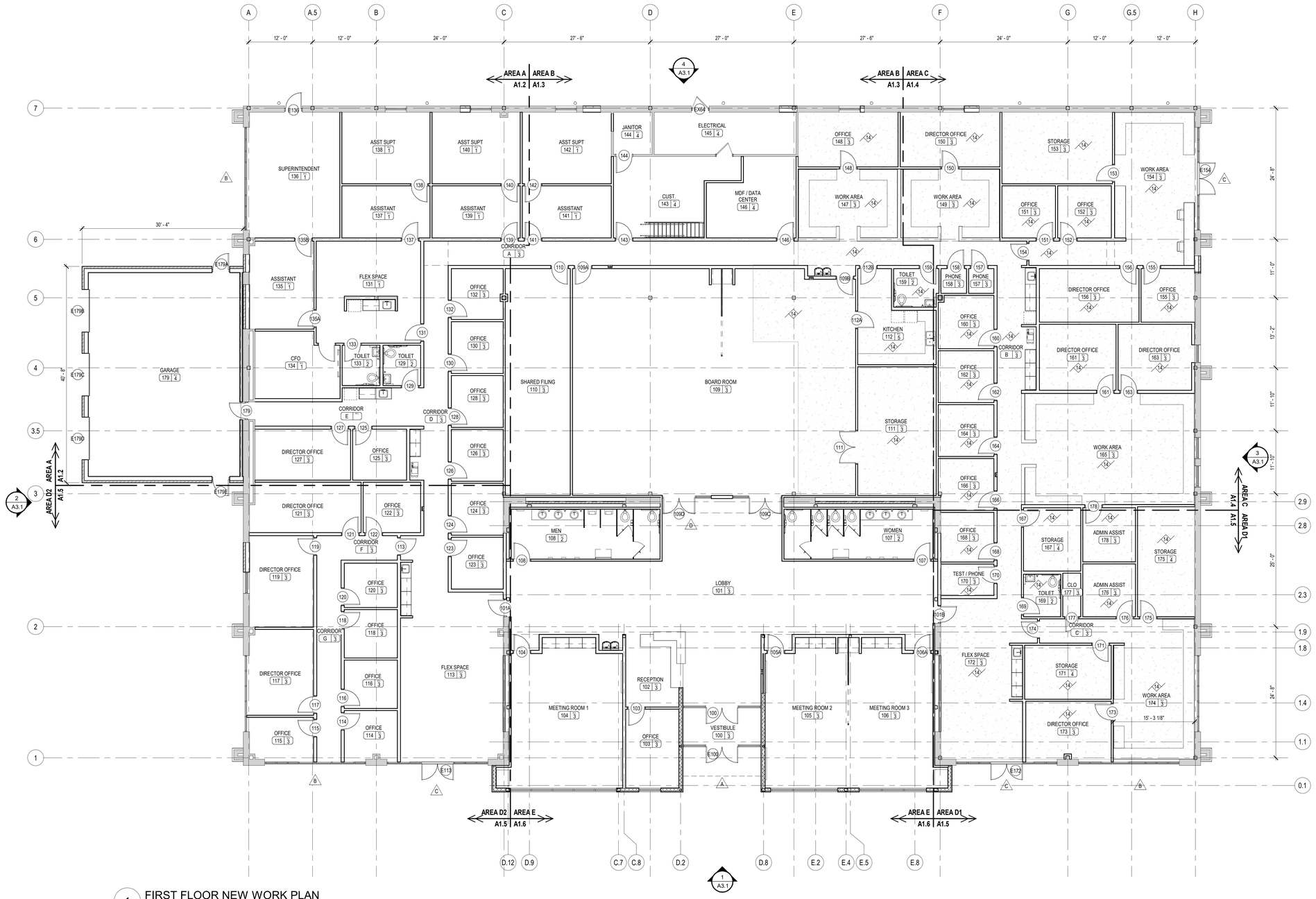
REVISIONS

No.	Description	Date

SHEET

D3.1

2265
HOPKINS COUNTY BOARD OFFICE RENOVATION
10/17/2024 7:47:38 AM



1 FIRST FLOOR NEW WORK PLAN
1/8" = 1'-0"

GENERAL WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC. ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH. DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N0.1 FOR GENERAL NOTES AND PARTITION TYPES.
4. REFER TO DETAILS FOR TYPICAL WALL INTERSECTION DETAILS.
5. REFER TO ENLARGED PLANS FOR TOILET ACCESSORY SCHEDULE.
6. REFER TO A2.8 FOR CASEWORK LEGEND AND NOTES.
7. ALL WALLS TO BE FULL HEIGHT UNLESS NOTED OTHERWISE.

PLAN KEY NOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. FLOOR TRANSITION. REFER TO DETAILS.
3. SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
4. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
5. 12' DIAMETER 6-COLOR PAINTED LOGO. COORDINATE GRAPHICS WITH OWNER.
6. FOLDABLE WALL PARTITION. REFER TO DETAILS FOR CEILING CONDITION.
7. UTILITY SINK.
8. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
9. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
10. MECHANICAL UNIT. SEE MECHANINCAL DWGS.
11. MECHANICAL LOUVER. REFER TO DETAILS.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. DOOR ACCESS CONTROL LOCATION.
14. AREA OF NEW SLAB INFILL. REFER TO STRUCTURE.
15. PAINT EXISTING WALL MATCHING THE EXISITNG WALL COLOR.
16. WALL MOUNTED TV / MONITOR, O.F.C.I.
17. FIRE EXTINGUISHER CABINET.
18. ALIGN FINISH FACE OF NEW MATERIAL WITH FACE OF EXISTING MATERIAL.

SYMBOLS LEGEND

- Name / 101 # — ROOM FINISH GROUPS (REFER TO SHEET N0.1)
- ROOM NUMBER
- (#) DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- (X) NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.1)
- [X] WALL TYPE (SCHEDULE SHEET N0.1)
- X FRAME TYPE (REFER TO SHEET A8.1)
- (X) TOILET ACCESSORIES (SCHEDULE SHEET A2.1)
- (X) ELEVATION KEY NOTE (SHEET A3.1)
- (X) ROOF KEY NOTE (SHEET A4.1)
- (X) CEILING PLAN KEY NOTE (SHEETS A7.1)
- X SIGNAGE KEY NOTE (SHEETS N0.1)
- DASHED LINE INDICATES WALL TILE AT RESTROOMS AND BRADLEY SINK WALLS - SHOWN ON RESTROOM PLANS. (TILE WALL DETAIL 21/A2.4)
- ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO SMOKE-TIGHT PARTITION
- CONTROL JOINT, REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

BOARD SCHEDULE

TB - TACKBOARD.

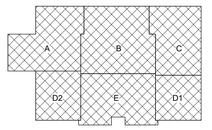
MB - MARKERBOARD.

IB - INTERACTIVE BOARD, OFCI. COORDINATE LOCATION & SIZE WITH OWNER.

TV - TELEVISION, OFCI. COORDINATE LOCATION & SIZE WITH OWNER. MOUNT MULTIMEDIA BOX AT HEIGHT INDICATED, 5'-0" A.F.F. U.N.O.

VW - VIDEO WALL, OFCI, COORDINATE LOCATION & SIZE WITH OWNER. REFER TO ELECTRICAL.

KEYPLAN



SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION

2135 NORTH MAIN STREET
MADISONVILLE KY

FIRST FLOOR PLAN

JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	ALC, ASC
CHECKED	-

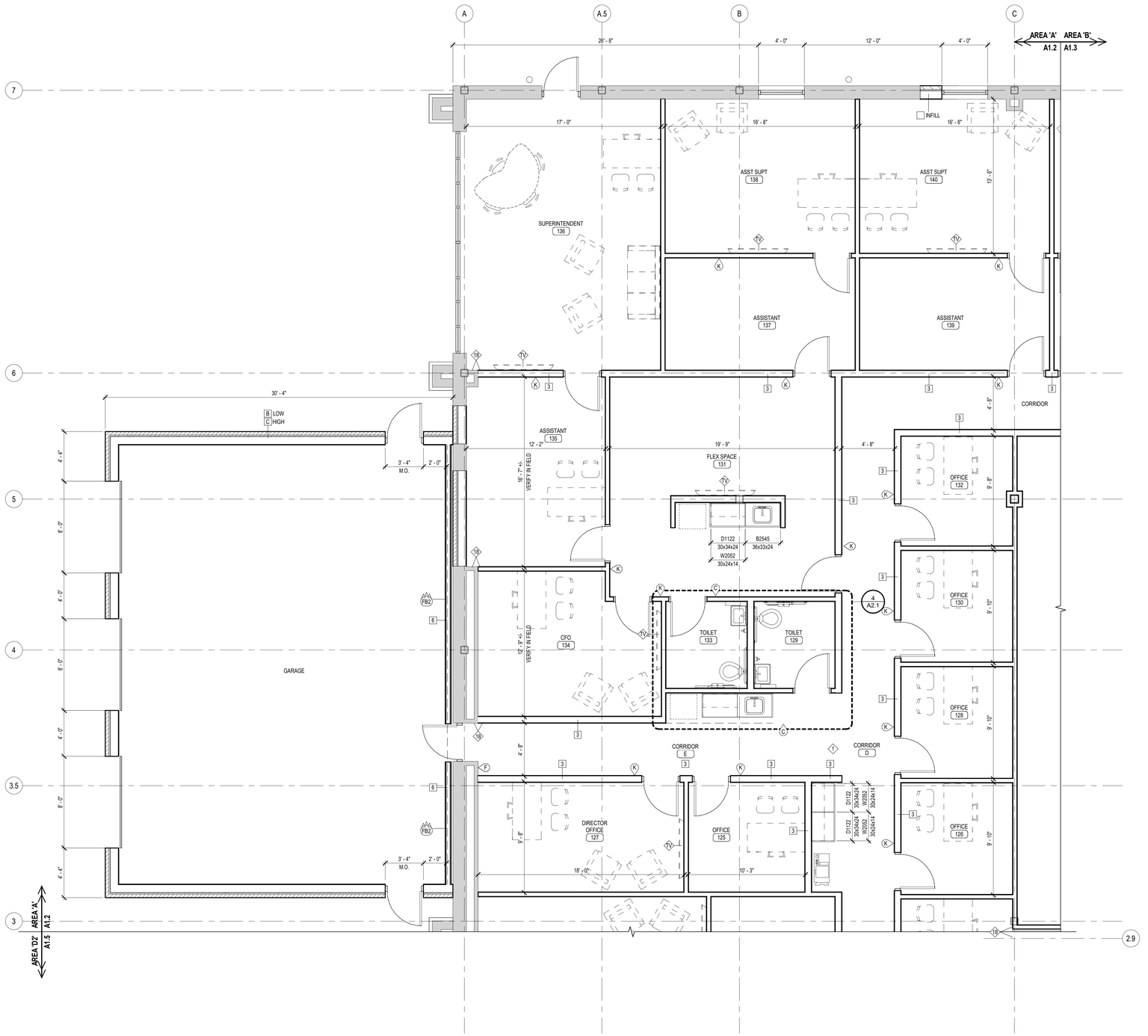
REVISIONS

No.	Description	Date

SHEET

A1.1

2265
HOPKINS COUNTY BOARD OFFICE RENOVATION
10/17/2024 7:47:44 AM



1 FIRST FLOOR NEW WORK PLAN - AREA A
1/4" = 1'-0"

GENERAL WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC. ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH. DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N0.1 FOR GENERAL NOTES AND PARTITION TYPES.
4. REFER TO DETAILS FOR TYPICAL WALL INTERSECTION DETAILS.
5. REFER TO ENLARGED PLANS FOR TOILET ACCESSORY SCHEDULE.
6. REFER TO A2.8 FOR CASEWORK LEGEND AND NOTES.
7. ALL WALLS TO BE FULL HEIGHT UNLESS NOTED OTHERWISE.

PLAN KEY NOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. FLOOR TRANSITION. REFER TO DETAILS.
3. SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
4. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
5. 12' DIAMETER 6-COLOR PAINTED LOGO. COORDINATE GRAPHICS WITH OWNER.
6. FOLDABLE WALL PARTITION. REFER TO DETAILS FOR CEILING CONDITION.
7. UTILITY SINK.
8. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
9. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
10. MECHANICAL UNIT. SEE MECHANINCAL DWGS.
11. MECHANICAL LOUVER. REFER TO DETAILS.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. DOOR ACCESS CONTROL LOCATION.
14. AREA OF NEW SLAB INFILL. REFER TO STRUCTURE.
15. PAINT EXISTING WALL MATCHING THE EXISITNG WALL COLOR.
16. WALL MOUNTED TV / MONITOR, O.F.C.I.
17. FIRE EXTINGUISHER CABINET.
18. ALIGN FINISH FACE OF NEW MATERIAL WITH FACE OF EXISTING MATERIAL.

SYMBOLS LEGEND

- Name / 101 / # — ROOM FINISH GROUPS (REFER TO SHEET N0.1); ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.1)
- X — WALL TYPE (SCHEDULE SHEET N0.1)
- X — FRAME TYPE (REFER TO SHEET A8.1)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.1)
- X — ELEVATION KEY NOTE (SHEET A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1)
- X — SIGNAGE KEY NOTE (SHEETS N0.1)
- DASHED LINE INDICATES WALL TILE AT RESTROOMS AND BRADLEY SINK WALLS - SHOWN ON RESTROOM PLANS. (TILE WALL DETAIL 21/A2.4)
- X — ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO SMOKE-TIGHT PARTITION

CONTROL JOINT. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

BOARD SCHEDULE

TB - TACKBOARD.

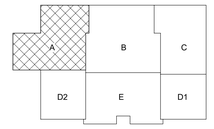
MB - MARKERBOARD.

IB - INTERACTIVE BOARD, OFCI. COORDINATE LOCATION & SIZE WITH OWNER.

TV - TELEVISION, OFCI. COORDINATE LOCATION & SIZE WITH OWNER. MOUNT MULTIMEDIA BOX AT HEIGHT INDICATED, 5'-0" A.F.F. U.N.O.

VW - VIDEO WALL, OFCI. COORDINATE LOCATION & SIZE WITH OWNER. REFER TO ELECTRICAL.

KEYPLAN



SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

PARTIAL FIRST FLOOR PLAN - AREA A

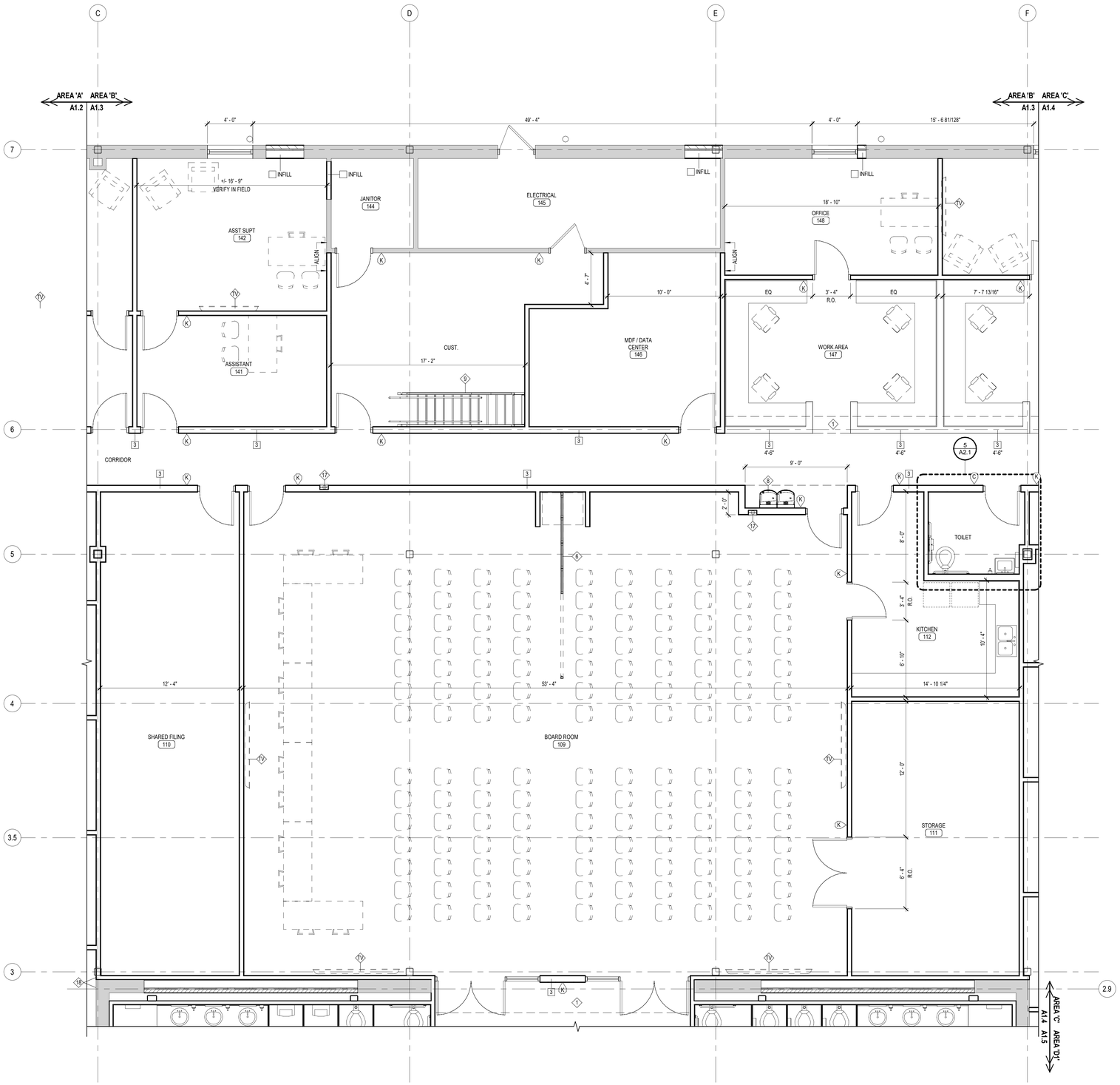
JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	CAH
CHECKED	-

REVISIONS

No.	Description	Date

SHEET
A1.2

2265
HOPKINS COUNTY BOARD OFFICE RENOVATION
10/17/2024 7:47:53 AM



1 FIRST FLOOR NEW WORK PLAN - AREA B
1/4" = 1'-0"

GENERAL WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC. ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH. DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N0.1 FOR GENERAL NOTES AND PARTITION TYPES.
4. REFER TO DETAILS FOR TYPICAL WALL INTERSECTION DETAILS.
5. REFER TO ENLARGED PLANS FOR TOILET ACCESSORY SCHEDULE.
6. REFER TO A2.8 FOR CASEWORK LEGEND AND NOTES.
7. ALL WALLS TO BE FULL HEIGHT UNLESS NOTED OTHERWISE.

PLAN KEY NOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. FLOOR TRANSITION. REFER TO DETAILS.
3. SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
4. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
5. 12' DIAMETER 6-COLOR PAINTED LOGO. COORDINATE GRAPHICS WITH OWNER.
6. FOLDABLE WALL PARTITION. REFER TO DETAILS FOR CEILING CONDITION.
7. UTILITY SINK.
8. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
9. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
10. MECHANICAL UNIT. SEE MECHANINCAL DWGS.
11. MECHANICAL LOUVER. REFER TO DETAILS.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. DOOR ACCESS CONTROL LOCATION.
14. AREA OF NEW SLAB INFILL. REFER TO STRUCTURE.
15. PAINT EXISTING WALL MATCHING THE EXISITNG WALL COLOR.
16. WALL MOUNTED TV / MONITOR, O.F.C.I.
17. FIRE EXTINGUISHER CABINET.
18. ALIGN FINISH FACE OF NEW MATERIAL WITH FACE OF EXISTING MATERIAL.

SYMBOLS LEGEND

- Name / 101 # — ROOM FINISH GROUPS (REFER TO SHEET N0.1); ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.1)
- X — WALL TYPE (SCHEDULE SHEET N0.1)
- X — FRAME TYPE (REFER TO SHEET A8.1)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.1)
- X — ELEVATION KEY NOTE (SHEET A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1)
- X — SIGNAGE KEY NOTE (SHEETS N0.1)
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- X — ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO SMOKE-TIGHT PARTITION

CONTROL JOINT. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

BOARD SCHEDULE

TB - TACKBOARD.

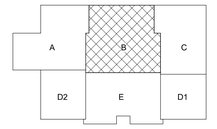
MB - MARKERBOARD.

IB - INTERACTIVE BOARD, OFCI. COORDINATE LOCATION & SIZE WITH OWNER.

TV - TELEVISION, OFCI. COORDINATE LOCATION & SIZE WITH OWNER. MOUNT MULTIMEDIA BOX AT HEIGHT INDICATED, 5'-0" A.F.F. U.N.O.

VW - VIDEO WALL, OFCI, COORDINATE LOCATION & SIZE WITH OWNER. REFER TO ELECTRICAL.

KEYPLAN



SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

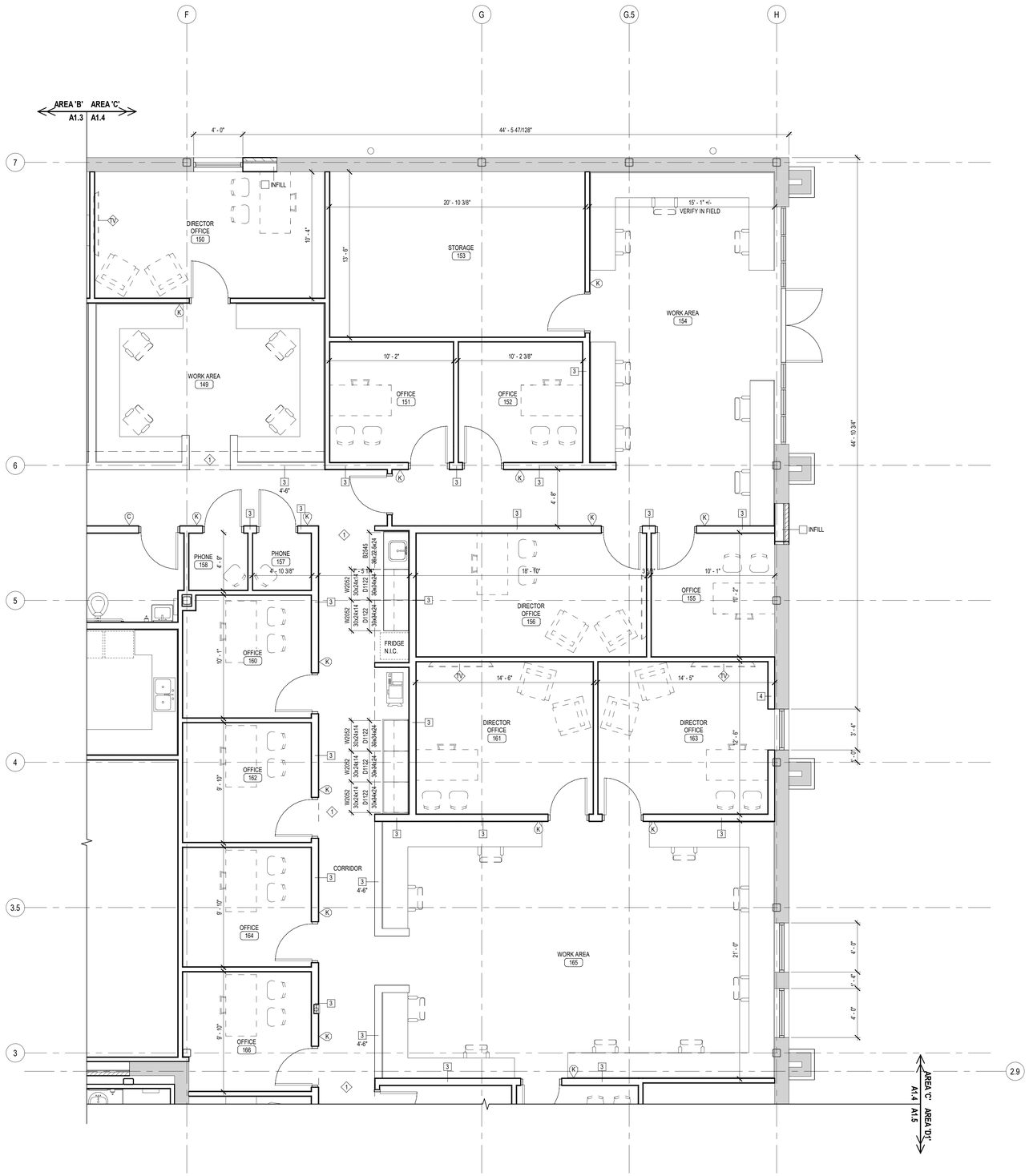
PARTIAL FIRST FLOOR PLAN - AREA B

JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	CAH
CHECKED	-

REVISIONS

No.	Description	Date

SHEET
A1.3



1 FIRST FLOOR NEW WORK PLAN - AREA C
1/4" = 1'-0"

GENERAL WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC. ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH. DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N0.1 FOR GENERAL NOTES AND PARTITION TYPES.
4. REFER TO DETAILS FOR TYPICAL WALL INTERSECTION DETAILS.
5. REFER TO ENLARGED PLANS FOR TOILET ACCESSORY SCHEDULE.
6. REFER TO A2.8 FOR CASEWORK LEGEND AND NOTES.
7. ALL WALLS TO BE FULL HEIGHT UNLESS NOTED OTHERWISE.

PLAN KEY NOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. FLOOR TRANSITION. REFER TO DETAILS.
3. SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
4. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
5. 12' DIAMETER 6-COLOR PAINTED LOGO. COORDINATE GRAPHICS WITH OWNER.
6. FOLDABLE WALL PARTITION. REFER TO DETAILS FOR CEILING CONDITION.
7. UTILITY SINK.
8. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
9. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
10. MECHANICAL UNIT. SEE MECHANINCAL DWGS.
11. MECHANICAL LOUVER. REFER TO DETAILS.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. DOOR ACCESS CONTROL LOCATION.
14. AREA OF NEW SLAB INFILL. REFER TO STRUCTURE.
15. PAINT EXISTING WALL MATCHING THE EXISITNG WALL COLOR.
16. WALL MOUNTED TV / MONITOR, O.F.C.I.
17. FIRE EXTINGUISHER CABINET.
18. ALIGN FINISH FACE OF NEW MATERIAL WITH FACE OF EXISTING MATERIAL.

SYMBOLS LEGEND

- Name / 101 # — ROOM FINISH GROUPS (REFER TO SHEET N0.1); ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.1)
- X — WALL TYPE (SCHEDULE SHEET N0.1)
- X — FRAME TYPE (REFER TO SHEET A8.1)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.1)
- X — ELEVATION KEY NOTE (SHEET A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1)
- X — SIGNAGE KEY NOTE (SHEETS N0.1)
- DASHED LINE INDICATES WALL TILE AT RESTROOMS AND BRADLEY SINK WALLS - SHOWN ON RESTROOM PLANS. (TILE WALL DETAIL 21/A2.4)
- X — ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO SMOKE-TIGHT PARTITION

CONTROL JOINT, REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

BOARD SCHEDULE

TB - TACKBOARD.

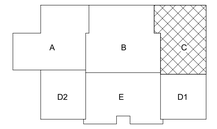
MB - MARKERBOARD.

IB - INTERACTIVE BOARD, OFCI. COORDINATE LOCATION & SIZE WITH OWNER.

TV - TELEVISION, OFCI. COORDINATE LOCATION & SIZE WITH OWNER. MOUNT MULTIMEDIA BOX AT HEIGHT INDICATED, 5'-0" A.F.F. U.N.O.

VW - VIDEO WALL, OFCI, COORDINATE LOCATION & SIZE WITH OWNER. REFER TO ELECTRICAL.

KEYPLAN



SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

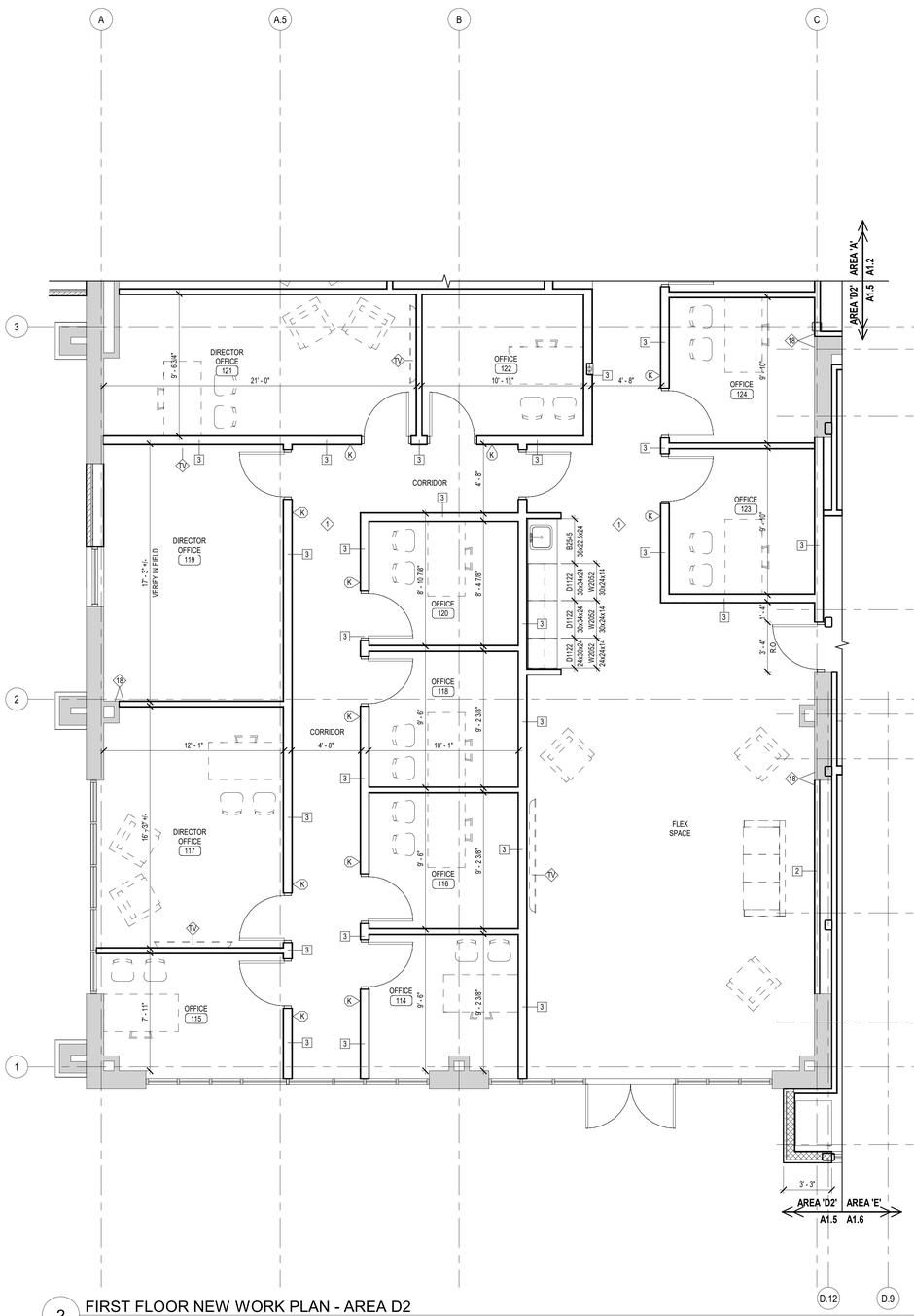
PARTIAL FIRST FLOOR PLAN - AREA C

JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	CAH
CHECKED	-

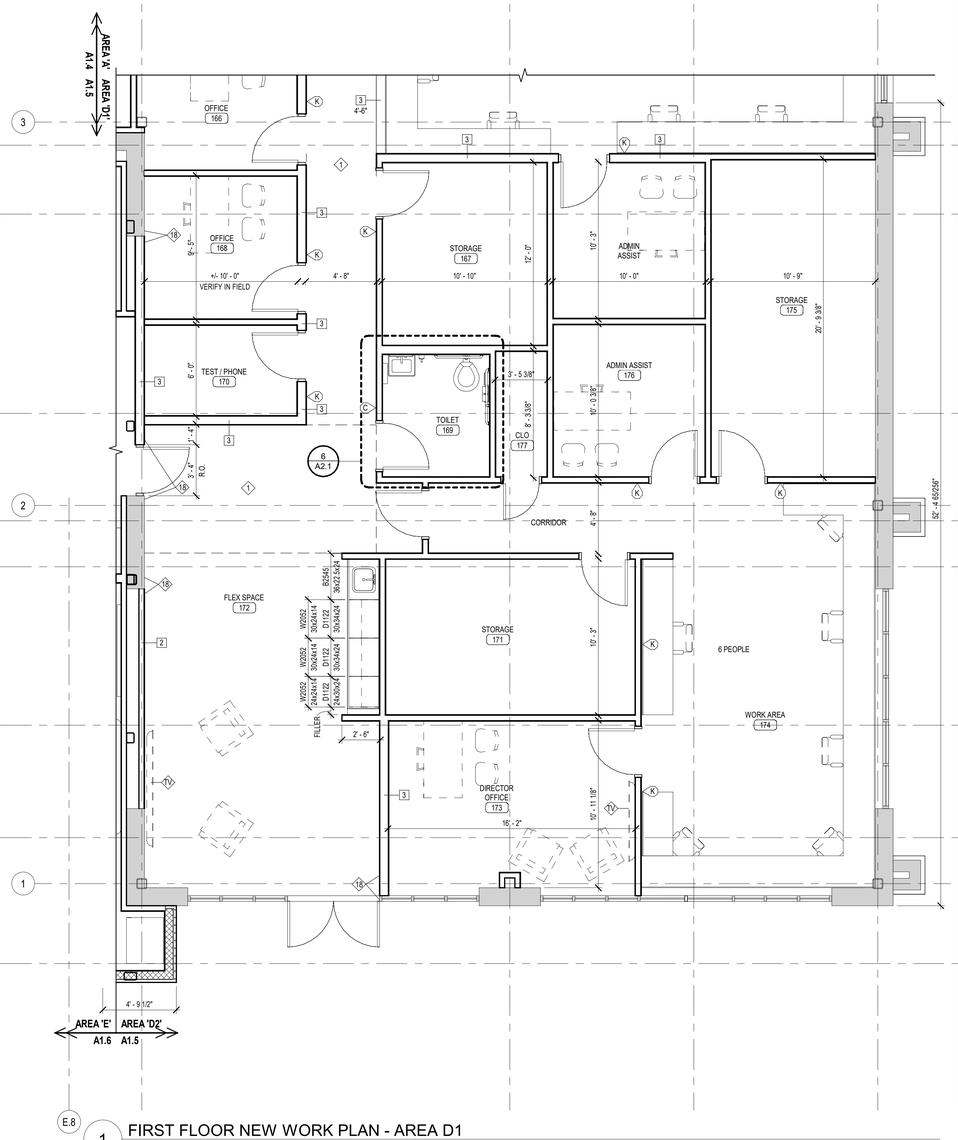
REVISIONS

No.	Description	Date

SHEET
A1.4



2 FIRST FLOOR NEW WORK PLAN - AREA D2
1/4" = 1'-0"



1 FIRST FLOOR NEW WORK PLAN - AREA D1
1/4" = 1'-0"

GENERAL WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC. ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH. DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N0.1 FOR GENERAL NOTES AND PARTITION TYPES.
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5. REFER TO ENLARGED PLANS FOR TOILET ACCESSORY SCHEDULE.
6. REFER TO A2.8 FOR CASEWORK LEGEND AND NOTES.
7. ALL WALLS TO BE FULL HEIGHT UNLESS NOTED OTHERWISE.

PLAN KEY NOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. FLOOR TRANSITION. REFER TO DETAILS.
3. SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
4. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
5. 12' DIAMETER 6-COLOR PAINTED LOGO. COORDINATE GRAPHICS WITH OWNER.
6. FOLDABLE WALL PARTITION. REFER TO DETAILS FOR CEILING CONDITION.
7. UTILITY SINK.
8. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
9. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
10. MECHANICAL UNIT: SEE MECHANNICAL DWGS: 2.9
11. MECHANICAL LOUVER. REFER TO DETAILS.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. DOOR ACCESS CONTROL LOCATION.
14. AREA OF NEW SLAB INFILL. REFER TO STRUCTURE. 2.8
15. PAINT EXISTING WALL MATCHING THE EXISITNG WALL COLOR.
16. WALL MOUNTED TV / MONITOR, O.F.C.I.
17. FIRE EXTINGUISHER CABINET.
18. ALIGN FINISH FACE OF NEW MATERIAL WITH FACE OF EXISTING MATERIAL.

2.3

SYMBOLS LEGEND

- Name / 101 # — ROOM FINISH GROUPS (REFER TO SHEET N0.1); ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — NEW WORK KEY NOTES (SHEETS A1.1 THROUGH 1.9)
- X — WALL TYPE (SCHEDULE SHEET N0.1)
- X — FRAME TYPE (REFER TO SHEET A8.1)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.1) 1.8
- X — ELEVATION KEY NOTE (SHEET A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1)
- X — SIGNAGE KEY NOTE (SHEETS N0.1)
- DASHED LINE INDICATES WALL TILE AT RESTROOMS AND BRADLEY SINK WALLS - SHOWN ON RESTROOM PLANS. (TILE WALL DETAIL 21/A2.4)
- X — ROOM / WALL DESIGNATION
- FB1 1 HOUR FIRE BARRIER; FB2 2 HOUR FIRE BARRIER; SO SMOKE-TIGHT PARTITION — 1.4
- CONTROL JOINT, REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

BOARD SCHEDULE

TB - TACKBOARD.

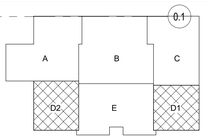
MB - MARKERBOARD. 1.1

IB - INTERACTIVE BOARD, OFCI. COORDINATE LOCATION & SIZE WITH OWNER.

TV - TELEVISION, OFCI. COORDINATE LOCATION & SIZE WITH OWNER. MOUNT MULTIMEDIA BOX AT HEIGHT INDICATED. 5'-0" A.F.F. U.N.O.

VW - VIDEO WALL, OFCI, COORDINATE LOCATION & SIZE WITH OWNER. REFER TO ELECTRICAL.

KEYPLAN



SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION

2135 NORTH MAIN STREET
MADISONVILLE KY

PARTIAL FIRST FLOOR PLAN - AREA D1 & D2

JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	CAH
CHECKED	-

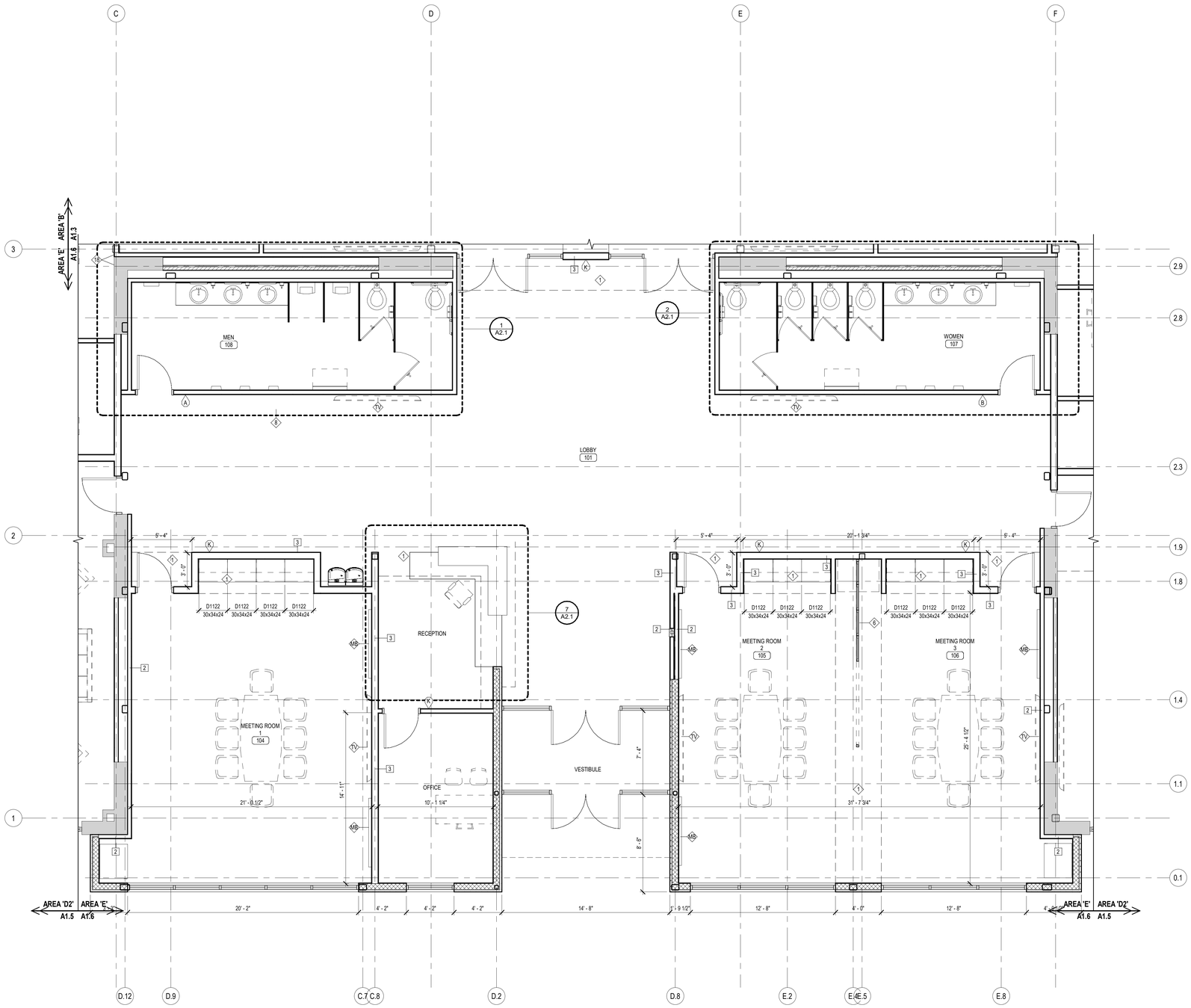
REVISIONS

No.	Description	Date

SHEET

A1.5

2265
HOPKINS COUNTY BOARD OFFICE RENOVATION
10/17/2024 7:48:17 AM



1 FIRST FLOOR NEW WORK PLAN - AREA E
1/4" = 1'-0"

GENERAL WORK NOTES

1. REFER TO MECH./ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC. ITEMS NOT SHOWN ON THIS SHEET.
2. REFER TO ROOF PLAN AND MECH. DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
3. REFER TO SHEET N0.1 FOR GENERAL NOTES AND PARTITION TYPES.
4. REFER TO DETAILS FOR TYPICAL WALL INTERSECTION DETAILS.
5. REFER TO ENLARGED PLANS FOR TOILET ACCESSORY SCHEDULE.
6. REFER TO A2.8 FOR CASEWORK LEGEND AND NOTES.
7. ALL WALLS TO BE FULL HEIGHT UNLESS NOTED OTHERWISE.

PLAN KEY NOTES

NOTE: NOT ALL KEYNOTES MAY APPLY TO THIS SHEET.

1. GYP. BD. BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CLG. PLANS.
2. FLOOR TRANSITION. REFER TO DETAILS.
3. SHELVING / FURNISHINGS / EQUIPMENT PROVIDED BY OWNER, N.I.C.
4. FIRE ALARM PANEL. REFER TO ELECTRICAL DWGS.
5. 12' DIAMETER 6-COLOR PAINTED LOGO. COORDINATE GRAPHICS WITH OWNER.
6. FOLDABLE WALL PARTITION. REFER TO DETAILS FOR CEILING CONDITION.
7. UTILITY SINK.
8. HIGH/LOW WATER FOUNTAIN UNIT. REFER TO MECH./ELEC. DRAWINGS.
9. INDUSTRIAL STAIR PER OSHA STANDARDS. REFER TO REFERENCED DETAIL AND PLAN.
10. MECHANICAL UNIT. SEE MECHANINCAL DWGS.
11. MECHANICAL LOUVER. REFER TO DETAILS.
12. ELECTRIC PUSH-BUTTON ADA DOOR OPERATOR. REFER TO ELEC. DWGS.
13. DOOR ACCESS CONTROL LOCATION.
14. AREA OF NEW SLAB INFILL. REFER TO STRUCTURE.
15. PAINT EXISTING WALL MATCHING THE EXISITNG WALL COLOR.
16. WALL MOUNTED TV / MONITOR, O.F.C.I.
17. FIRE EXTINGUISHER CABINET.
18. ALIGN FINISH FACE OF NEW MATERIAL WITH FACE OF EXISTING MATERIAL.

SYMBOLS LEGEND

- Name / 101 | # — ROOM FINISH GROUPS (REFER TO SHEET N0.1); ROOM NUMBER
- # — DOOR NUMBER (DOOR SCHEDULE SHEET A8.1)
- X — NEW WORK KEY NOTES (SHEETS A1.1 THROUGH A2.1)
- X — WALL TYPE (SCHEDULE SHEET N0.1)
- X — FRAME TYPE (REFER TO SHEET A8.1)
- X — TOILET ACCESSORIES (SCHEDULE SHEET A2.1)
- X — ELEVATION KEY NOTE (SHEET A3.1)
- X — ROOF KEY NOTE (SHEET A4.1)
- X — CEILING PLAN KEY NOTE (SHEETS A7.1)
- X — SIGNAGE KEY NOTE (SHEETS N0.1)
- DASHED LINE INDICATES WALL TILE AT RESTROOMS AND BRADLEY SINK WALLS - SHOWN ON RESTROOM PLANS. (TILE WALL DETAIL 21/A2.4)
- X — ROOM / WALL DESIGNATION
  - FB1 1 HOUR FIRE BARRIER
  - FB2 2 HOUR FIRE BARRIER
  - SO SMOKE-TIGHT PARTITION
- CONTROL JOINT, REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR LOCATIONS.

BOARD SCHEDULE

TB - TACKBOARD.

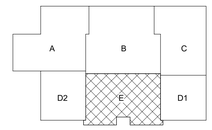
MB - MARKERBOARD.

IB - INTERACTIVE BOARD, OFCI. COORDINATE LOCATION & SIZE WITH OWNER.

TV - TELEVISION, OFCI. COORDINATE LOCATION & SIZE WITH OWNER. MOUNT MULTIMEDIA BOX AT HEIGHT INDICATED, 5'-0" A.F.F. U.N.O.

VW - VIDEO WALL, OFCI, COORDINATE LOCATION & SIZE WITH OWNER. REFER TO ELECTRICAL.

KEYPLAN



SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

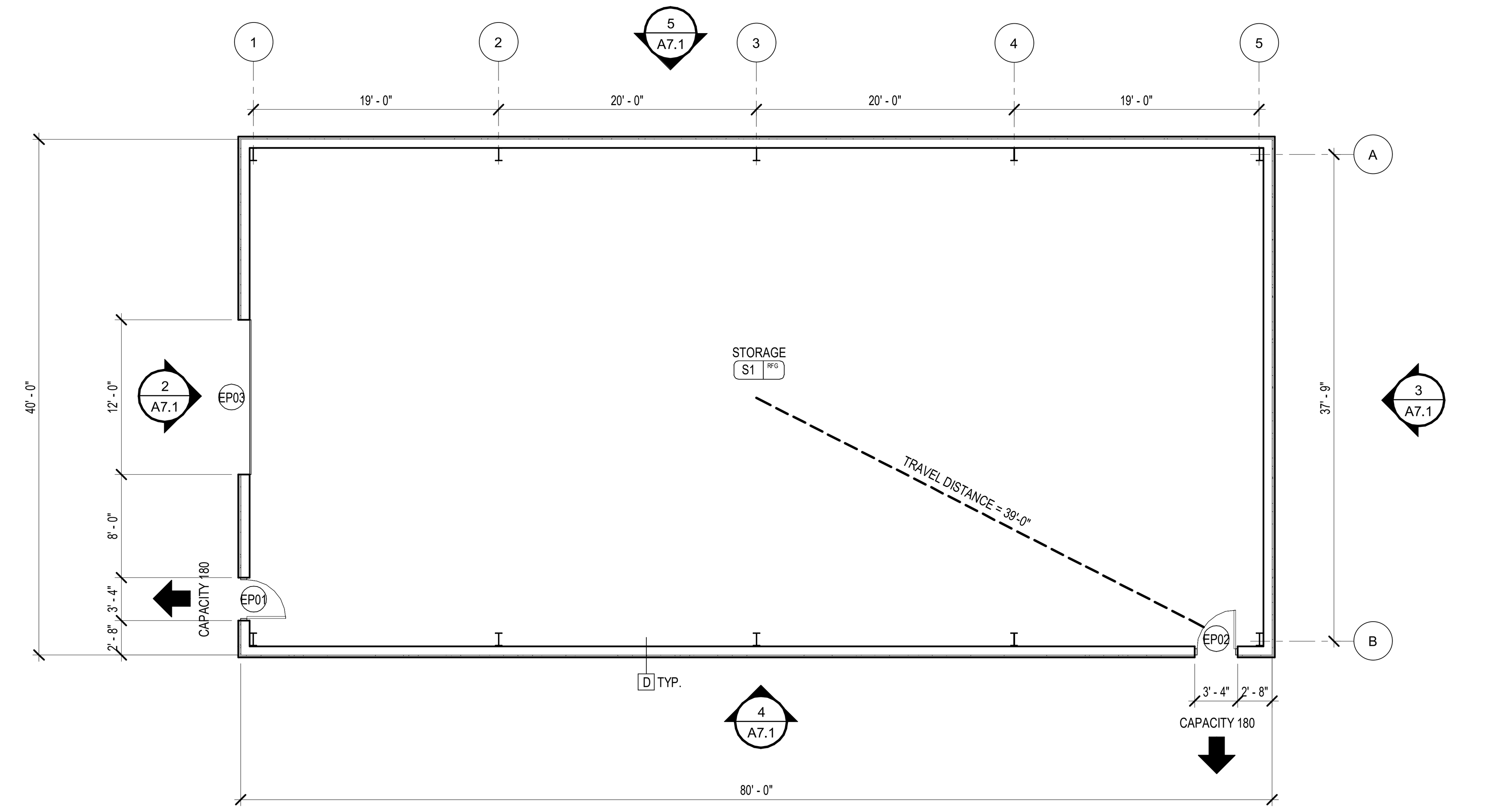
PARTIAL FIRST FLOOR PLAN - AREA E

JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	CAH
CHECKED	-

REVISIONS

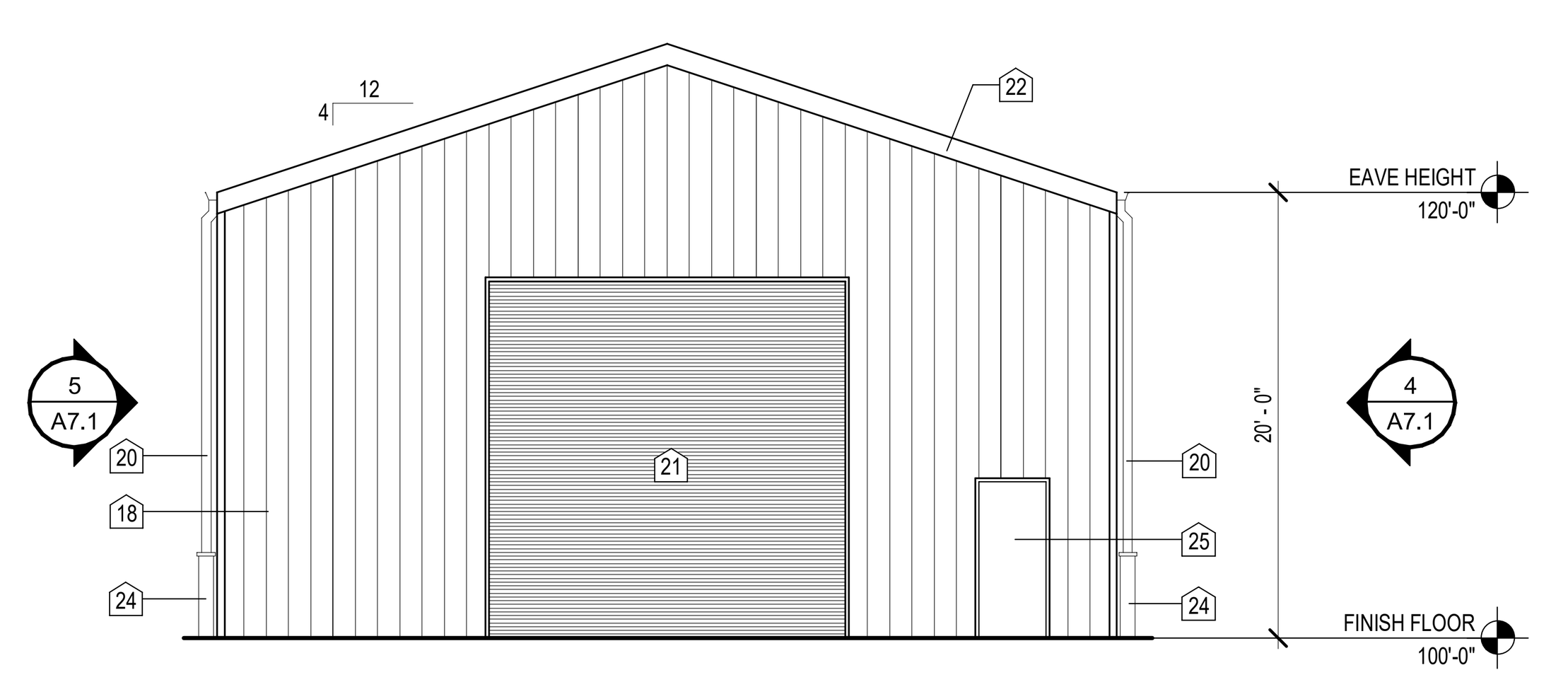
No.	Description	Date

SHEET
A1.6



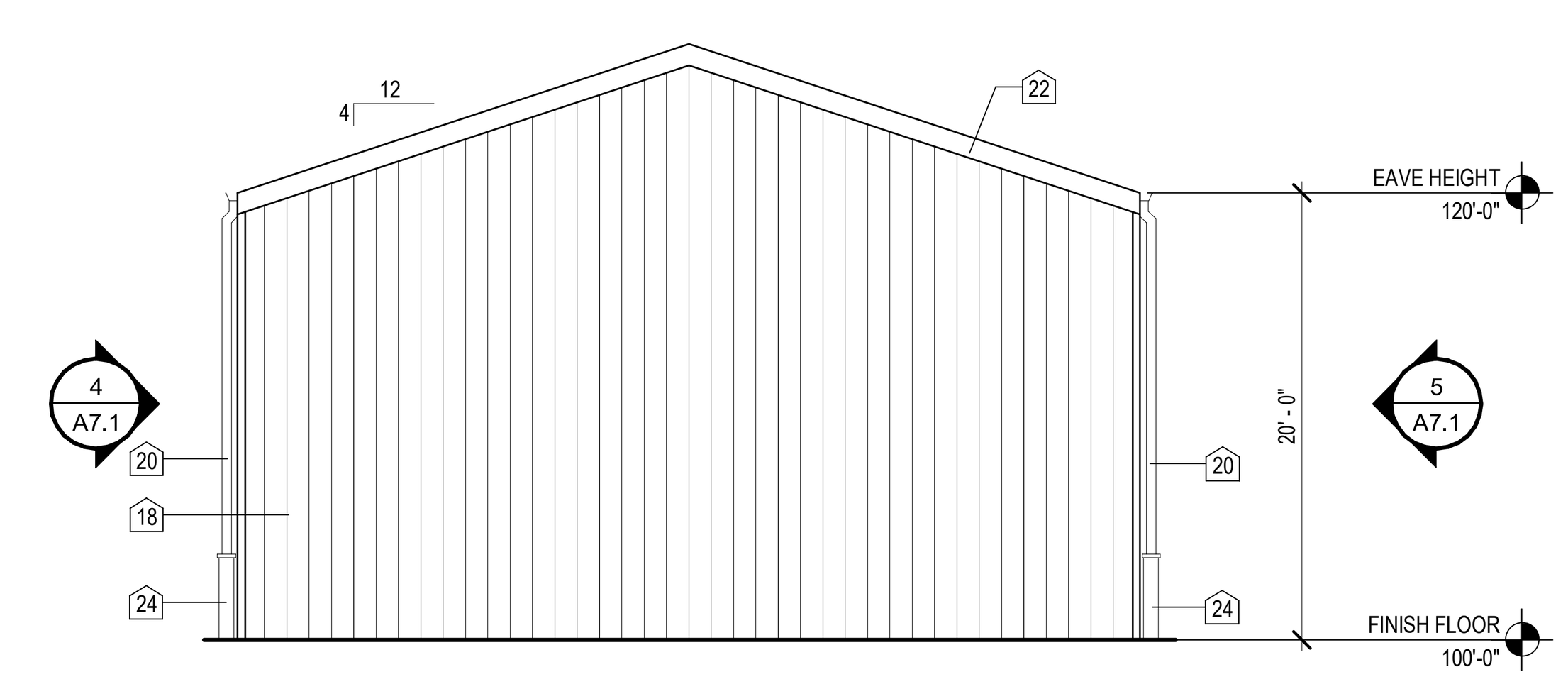
1 FIRST FLOOR NEW WORK PLAN

1/8" = 1'-0"



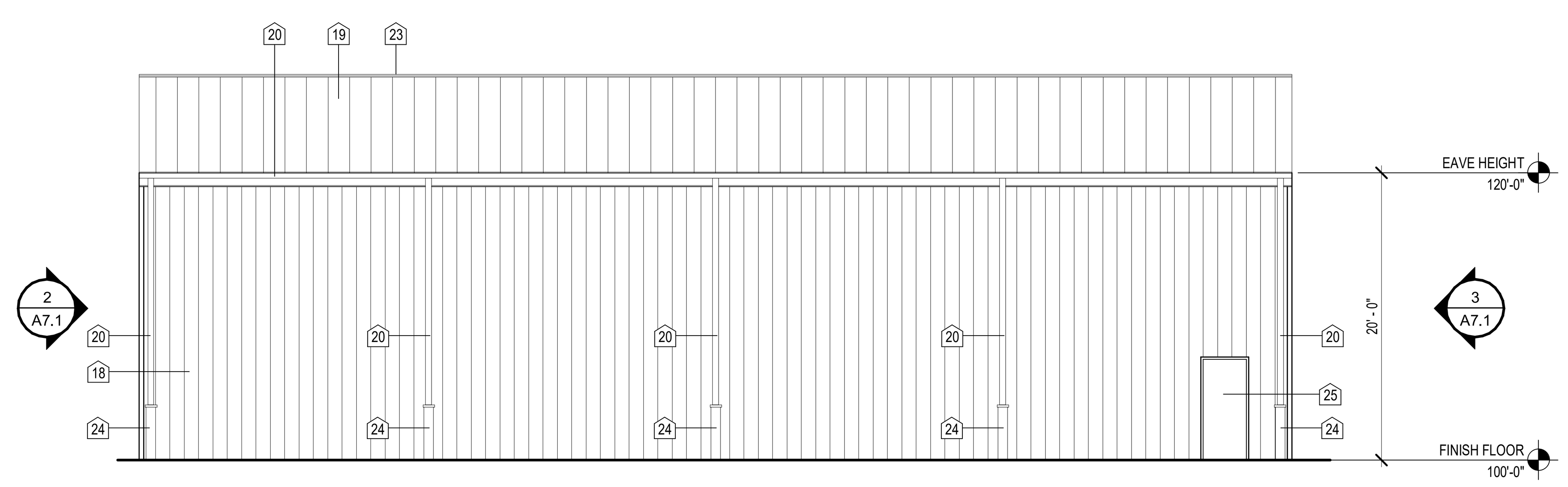
2 STORAGE BUILDING - SOUTH ELEVATION

1/8" = 1'-0"



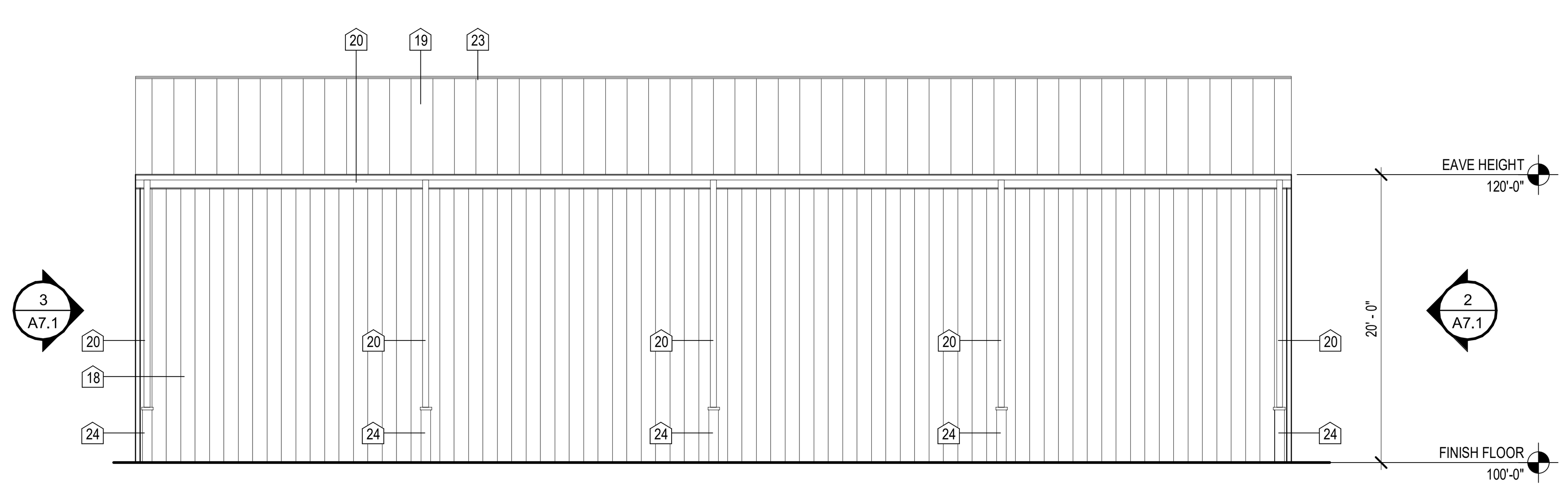
3 STORAGE BUILDING - NORTH ELEVATION

1/8" = 1'-0"



4 STORAGE BUILDING EAST ELEVATION

1/8" = 1'-0"



5 STORAGE BUILDING - WEST ELEVATION

1/8" = 1'-0"

PROJECT SUMMARY

PROJECT INVOLVES THE CONSTRUCTION OF AN APPROXIMATELY 3,300 SF PRE-ENGINEERED METAL STORAGE BUILDING. ROOF, WALLS AND DOORS ARE ALL BY THE PEMB SUPPLIER. BUILDING WILL BE INSULATED BY THE PEMB MANUFACTURER. BUILDING WILL INCLUDE LIGHTING, HEATING AND VENTILATION BUT NOT COOLING. DOORS WILL BE ACCESS-CONTROLLED.

SEISMIC DESIGN CRITERIA

(REFER TO SHEET SO.1 FOR ADDITIONAL INFORMATION)

SEISMIC OCCUPANCY CATEGORY	III
SITE CLASS	D
SEISMIC DESIGN CATEGORY	D

OCCUPANCY LOAD CALCULATIONS

- KBC TABLE 1004.2.1

WAREHOUSES 1:500 = 3,247 /500 = 7

CODE COMPLIANCE INFORMATION

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE 2018 THIRD EDITION

USE GROUP: MODERATE-HAZARD STORAGE, S-1

CONSTRUCTION TYPE: 2B

FIRE PROTECTION: NOT SPRINKLERED

BUILDING AREA:

ALLOWABLE AREA (TABLE 506.2) = 17,500 PER FLOOR

BUILDING AREA:
FIRST FLOOR: 3,247 SQ. FT.
TOTAL AREA: 3,247 SQ. FT.

BUILDING HEIGHT CALCULATIONS : TABLES 504.3 AND 504.4

ALLOWABLE HEIGHT = 2 STORIES / 55'-0" (TABLE 504)

ACTUAL BUILDING HEIGHT = 1 STORY / 26'-7"

TRAVEL DISTANCES :

TRAVEL DISTANCE TO EXIT:

ACTUAL MAXIMUM TRAVEL DISTANCE: 39'-0"
(MAXIMUM ALLOWABLE TRAVEL DISTANCE: 200'-0" (PER TABLE 1016)
DEAD-END CORRIDOR ALLOWED IS 50 FEET, MAXIMUM DESIGNED = 0

MINIMUM FIRE RESISTANCE RATINGS (PER TABLES 601 AND 602)

STRUCTURAL FRAME :	0 HR
BEARING WALLS EXTERIOR :	0 HR
BEARING WALLS INTERIOR :	0 HR
NON-BEARING EXTERIOR WALLS :	0 HR > 30' DISTANCE
NON-BEARING INTERIOR WALLS :	0 HR
FLOOR CONSTRUCTION :	0 HR
ROOF CONSTRUCTION (< 20 FT. ABOVE FLOOR) :	0 HR
ROOF CONSTRUCTION (> 20 FT. ABOVE FLOOR) :	0 HR

ASSEMBLY RATINGS

8" CMU WALL :	1 HOUR, UL NO. U906
8" CMU WALL :	2 HOUR, UL NO. U905
12" CMU WALL:	1 HOUR, UL NO. U906
12" ICF:	I HOUR, UL NO. U930

SPECIAL INSPECTIONS PER CHAPTER 17 OF THE KENTUCKY BUILDING CODE

NOTE: IN ADDITION TO OTHER TESTS AND INSPECTIONS REQUIRED BY THE SPECIFICATIONS, THE OWNER SHALL PROVIDE THE SERVICES OF QUALIFIED THIRD-PARTY INSPECTORS TO PERFORM ALL REQUIRED SPECIAL INSPECTIONS AS FOLLOWS:

SECTION	ITEM	REQUIRED? YES	NO	REMARKS
1704.2.5	FABRICATORS	X		STEEL FABRICATION SPECIAL INSPECTION IS REQUIRED IF THE FABRICATOR IS NOT A.I.S.C. OR AWS CERTIFIED.
1704.6	STRUCTURAL OBSERVATIONS	X		SEE SECTION 1704.6.1 FOR SEISMIC AND SECTION 1406.2 FOR WIND REQUIREMENTS
1705.1.1	SPECIAL CASES - TORNADO SHELTER	X		
1705.2	STEEL	X		STRUCTURAL STEEL AND JOISTS, PER TABLE 1705.2.2
1705.3	CONCRETE	X		PER TABLE 1705.3
1705.4	MASONRY	X		PER TMS 402 / TMS 602
1705.5	WOOD		X	NONE
1705.6	SOILS	X		PER TABLE 1705.6
1705.7	DRIVEN DEEP FOUNDATION		X	NONE
1705.8	CAST-IN-PLACE DEEP FOUNDATIONS		X	NONE
1705.9	HELICAL PILE FOUNDATIONS		X	NONE
1705.10	INSPECTIONS FOR WIND RESISTANCE		X	Vasd 93 MPH
1705.10	FABRICATED ITEMS	X		PER SECTION 1704.2.5
1705.11.1	WIND - STRUCTURAL WOOD		X	NONE
1705.11.2	WIND - COLD-FORMED STEEL FRAMING		X	NONE
1705.11.3	WIND - WIND RESISTING COMPONENTS		X	NONE
1705.12.1	SEISMIC - STRUCTURAL STEEL	X		SEISMIC DESIGN CATEGORY "D"
1705.12.2	SEISMIC - STRUCTURAL WOOD		X	SEISMIC DESIGN CATEGORY "D"
1705.12.3	SEISMIC - COLD FORMED STEEL FRAMING		X	NONE
1705.12.4	DEDICATED SEISMIC SYSTEMS		X	SEISMIC DESIGN CATEGORY "D"
1705.12.5	SEISMIC - ARCHITECTURAL COMPONENTS - INTERIOR / EXTERIOR NON-LOAD BEARING WALLS AND VENEER IN STRUCTURES		X	SEISMIC DESIGN CATEGORY "D"
1705.12.6	SEISMIC - MECHANICAL AND ELECTRICAL COMPONENTS	X		SEISMIC DESIGN CATEGORY "D"
1705.12.7	SEISMIC - STORAGE RACKS AND ACCESS FLOORS		X	NONE
1705.12.8	SEISMIC - SEISMIC ISOLATION SYSTEMS		X	NONE
1705.12.9	SEISMIC - COLD-FORMED STEEL SPECIAL BOLTED MOMENT FRAMES		X	NONE
1705.13.1.1	SEISMIC TESTING - SEISMIC FORCE RESISTING SYSTEMS		X	NONE
1705.13.1.2	SEISMIC TESTING - STRUCTURAL STEEL ELEMENTS	X		NONE
1705.13.2	SEISMIC TESTING - NONSTRUCTURAL COMPONENTS		X	NONE
1705.13.3	SEISMIC TESTING - DESIGNATED SEISMIC SYSTEMS		X	NONE
1705.13.4	SEISMIC TESTING - SEISMIC ISOLATION SYSTEMS		X	NONE
1705.14	SPRAYED FIREPROOFING		X	NONE
1705.15	MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS		X	NONE
1705.16	E.I.F.S.		X	NONE
1705.17	FIRE RESISTANT PENETRATIONS AND JOINTS	X		PER 1705.17.1 AND 1705.17.2
1705.18	SMOKE CONTROL		X	NONE

ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. A. FACE BRICK TYPE A.
2. ALUMINUM COMPOSITE PANEL. REFER TO DETAILS AND SPECIFICATIONS.
   A. COLOR 1
   B. COLOR 2
3. COPING, REFER TO ROOF DETAILS.
4. STOREFRONT.
5. FINISH GRADE. VARIES, REFER TO SITE DRAWINGS.
6. DOWNSPOUT.
7. ROOF LADDER PER OSHA STANDARDS.
8. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS.
9. GUTTER.
10. EXTERIOR LIGHT FIXTURE. MOUNT @ 7'-4" TO CENTER. REFER TO ELEC. DRAWINGS.
11. 18" TALL LED BACKLIT CAST ALUMINUM BUILDING LETTERING. PROVIDE BLOCKING AS REQUIRED.
12. LED DOWNLIGHT.
13. HOLLOW METAL DOOR AND FRAME, NEW.
14. PANEL JOINT.
15. NEW EIFS BANDING TO MATCH EXISTING. REFER TO SPECIFICATIONS.
    A. COLOR A
    B. COLOR B
16. EXISTING HOLLOW METAL DOOR AND FRAME TO RECEIVE NEW PAINT.
17. ALUMINUM AND GLASS ENTRANCE DOOR.
18. VERTICAL METAL WALL PANELS, REFER TO SPECIFICATIONS.
19. METAL ROOF, REFER TO PRE-ENGINEERED METAL BUILDING MANUFACTURER'S STANDARD DETAILS.
20. METAL GUTTER TO DOWNSPOUT (BY PEMB), CONNECT TO BOOT AT GRADE, REFER TO CIVIL.
21. COILING OVERHEAD DOOR, MOTORIZED.
22. PEMB METAL RAKE ASSEMBLY.
23. PEMB RIDGE VENT.
24. CAST IRON DOWNSPOUT BOOT.
25. GALVANIZED INSULATED MAN DOOR BY PEMB.
26. SLOPED TPO ROOF BEYOND, REFER TO ROOF PLAN.

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

A. MATERIALS INDICATIONS AND DESCRIPTIONS, VERTICAL AND OTHER DIMENSIONS SHOWN ON ONE BUILDING ELEVATION APPLY TO OTHER BUILDING ELEVATIONS WHERE SHOWN UNLESS NOTED OTHERWISE.

B. LINES REPRESENTING PAVING AND FINISH GRADES ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO SITE PLANS FOR SPECIFIC GRADE AND SPOT ELEVATIONS AT EACH RESPECTIVELY.

C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

D. REFER TO FLOOR PLANS FOR SPECIFIC FRAME TYPES AND ELEVATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION

5 NORTH MAIN STREET
MADISONVILLE KY

G[illegible] BUILDING AREA [illegible] 798 SF
[illegible] 1,200 SF [illegible]
B[illegible] ROOM: 2,243 S[illegible]
A[illegible] ABLE AREA [illegible] 000
A[illegible] ABLE HEIGHT: 4 STORIES, 7[illegible]
A[illegible] ABLE AREA PER FLOOR = 4[illegible] 375

STORAGE BUILDING FLOOR PLAN AND ELEVATIONS (ALT #2)

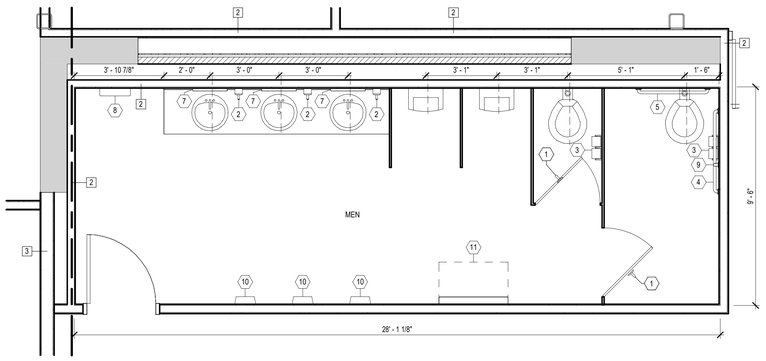
JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	DB
CHECKED	Checker

REVISIONS

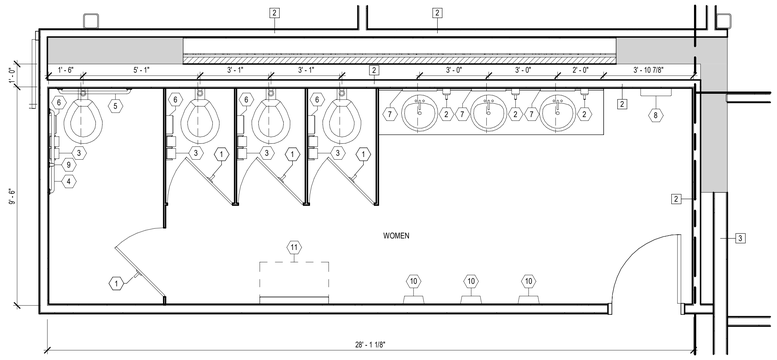
No.	Description	Date

SHEET

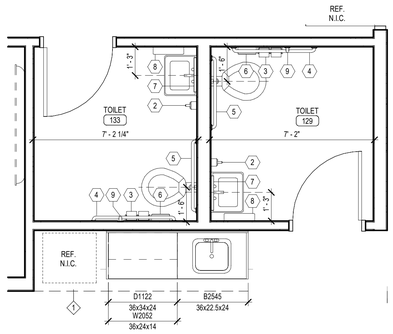
A1.7



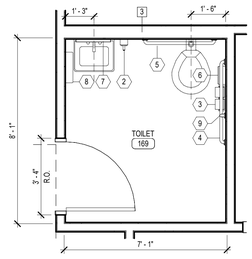
1 ENLARGED RESTROOM PLAN
3/8" = 1'-0"



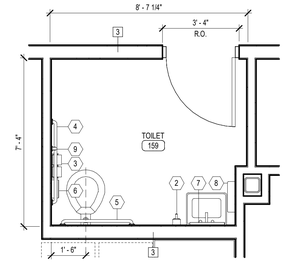
2 ENLARGED RESTROOM PLAN
3/8" = 1'-0"



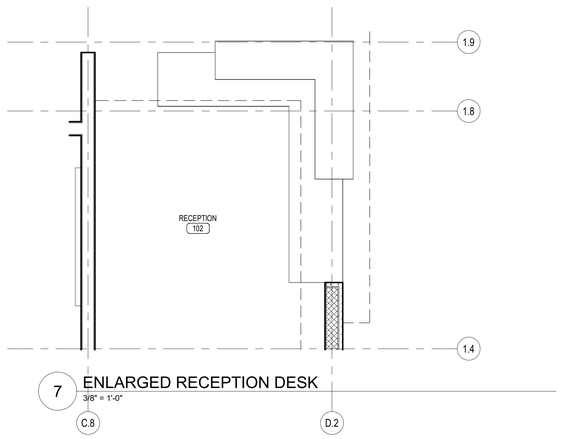
4 ENLARGED RESTROOM PLAN
3/8" = 1'-0"



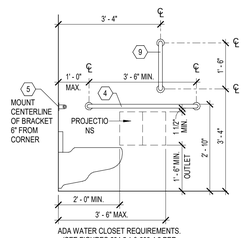
6 ENLARGED RESTROOM PLAN
3/8" = 1'-0"



5 ENLARGED RESTROOM PLAN
3/8" = 1'-0"



7 ENLARGED RECEPTION DESK
3/8" = 1'-0"



ADA WATER CLOSET REQUIREMENTS.
(SEE FIGURES 604.5.1 & 609.4.2 PER ICC/ANSI A117.1-2009 FOR FURTHER INFORMATION)

ADA COMPLIANT GRAB BAR LAYOUT

TOILET ACCESSORY SCHEDULE

-	ACCESSORY	MTG. HT.	MFR.
1	COAT HOOK	48" TOP OF HOOK	ASI 8425
2	SOAP DISPENSER (SURFACE MTD.)	40" TO VALVE	OFCI
3	TOILET PAPER DISPENSER (SURFACE MOUNTED)	24" TO CENTER LINE	OFCI
4	42" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3100-P-42
5	36" S.S. GRAB BAR (1-1/4")	33" TO CENTERLINE	ASI 3100-P-36
6	SANITARY NAPKIN DISPOSAL (SURFACE MOUNTED)	24" TO TOP (28" FOR ADA)	OFCI
7	MIRROR W/ S.S. FRAME - 24"x36"	40" TO BOTTOM	ASI 0600-B - 24"x36"
8	PAPER TOWEL DISPENSER	46" TO DISPENSER SLOT	OFCI
9	18" VERTICAL S.S. GRAB BAR (1-1/4")	40" TO BTM. CENTERLINE	ASI 3100-P-18
10	HAND DRYER	40" TO BUTTON CENTER LINE MAX. PROJECTION 4"	WORLD BRAND
11	CHANGING TABLE	33" MAX. TO OPENED POSITION	KOALA KARE KB310-SSWM OR APPROVED EQUAL

GENERAL TOILET ACCESSORY NOTES

1 MODEL NUMBERS. DENOTE TOILET ACCESSORIES PRODUCTS OFFERED BY "AMERICAN SPECIALTIES, INC. (ASI) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS A BASIS OF DESIGN.

2 ALL ITEMS SHALL BE LOCATED HORIZONTALLY AND MOUNTED TO SPECIFIC POINT ABOVE FINISH FLOOR SURFACES IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) - ANSI A117.1-2009.

3 REFER TO MEP DWGS. AND SPECIFICATIONS FOR PLUMBING FIXTURES, CONTROLS, AND FLOOR DRAIN LOCATIONS.

4 ALL EXPOSED PIPING AT LAVATORIES / HC LAV'S. SHALL BE INSULATED AND COVERED WITH A PRE MOLDED RIGID INSULATION JACKET.

5 ALL TOILET ACESSORIES TO INCLUDE VANDAL RESISTANT OPTION.

6 INSTALL GRAB BARS TO ALLOW 1 1/2" BETWEEN GRAB BAR AND WALL.

7 REFER TO TYPICAL ADA COMPLIANT GRAB BAR LAYOUT.

SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

ENLARGED FLOOR PLANS

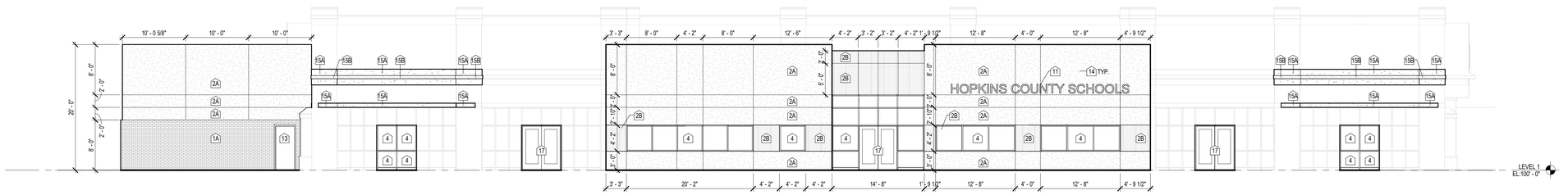
JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	CAH
CHECKED	-

REVISIONS

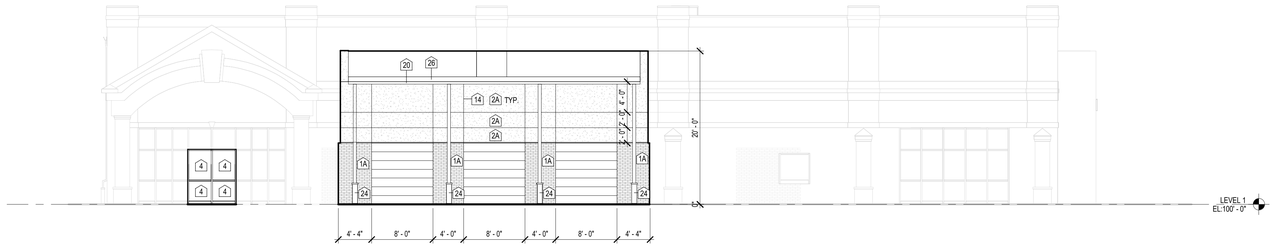
No.	Description	Date

SHEET

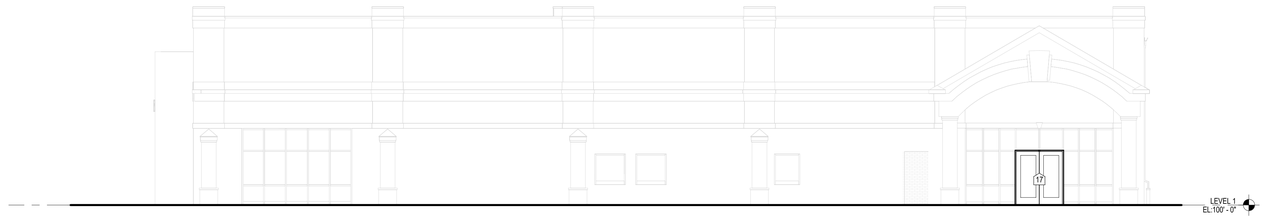
A2.1



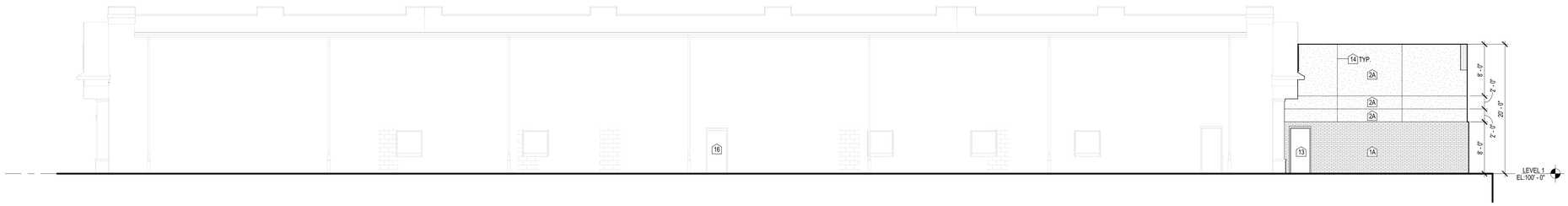
1 EAST BUILDING ELEVATION
1/8" = 1'-0"



2 SOUTH BUILDING ELEVATION
1/8" = 1'-0"



3 NORTH BUILDING ELEVATION
1/8" = 1'-0"



4 WEST BUILDING ELEVATION
1/8" = 1'-0"

ELEVATION KEY NOTES

NOTE: NOT ALL NOTES APPLY TO THIS SHEET.

1. A. FACE BRICK TYPE A.
2. ALUMINUM COMPOSITE PANEL. REFER TO DETAILS AND SPECIFICATIONS.
   A. COLOR 1
   B. COLOR 2
3. COPING, REFER TO ROOF DETAILS.
4. STOREFRONT.
5. FINISH GRADE. VARIES. REFER TO SITE DRAWINGS.
6. DOWNSPOUT.
7. ROOF LADDER PER OSHA STANDARDS.
8. MECHANICAL LOUVER, REFER TO MECHANICAL DRAWINGS.
9. GUTTER.
10. EXTERIOR LIGHT FIXTURE. MOUNT @ 7'-4" TO CENTER. REFER TO ELEC. DRAWINGS.
11. 18" TALL LED BACKLIT CAST ALUMINUM BUILDING LETTERING. PROVIDE BLOCKING AS REQUIRED.
12. LED DOWNLIGHT.
13. HOLLOW METAL DOOR AND FRAME, NEW.
14. PANEL JOINT.
15. NEW EIFS BANDING TO MATCH EXISTING. REFER TO SPECIFICATIONS.
    A. COLOR A
    B. COLOR B
16. EXISTING HOLLOW METAL DOOR AND FRAME TO RECEIVE NEW PAINT.
17. ALUMINUM AND GLASS ENTRANCE DOOR.
18. VERTICAL METAL WALL PANELS, REFER TO SPECIFICATIONS.
19. METAL ROOF, REFER TO PRE-ENGINEERED METAL BUILDING MANUFACTURER'S STANDARD DETAILS.
20. METAL GUTTER TO DOWNSPOUT (BY PEMB), CONNECT TO BOOT AT GRADE, REFER TO CIVIL.
21. COILING OVERHEAD DOOR, MOTORIZED.
22. PEMB METAL RAKE ASSEMBLY.
23. PEMB RIDGE VENT.
24. CAST IRON DOWNSPOUT BOOT.
25. GALVANIZED INSULATED MAN DOOR BY PEMB.
26. SLOPED TPO ROOF BEYOND, REFER TO ROOF PLAN.

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

A. MATERIALS INDICATIONS AND DESCRIPTIONS, VERTICAL AND OTHER DIMENSIONS SHOWN ON ONE BUILDING ELEVATION APPLY TO OTHER BUILDING ELEVATIONS WHERE SHOWN UNLESS NOTED OTHERWISE.

B. LINES REPRESENTING PAVING AND FINISH GRADES ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO SITE PLANS FOR SPECIFIC GRADE AND SPOT ELEVATIONS AT EACH RESPECTIVELY.

C. REFER TO FLOOR PLANS FOR LOCATION AND DOOR SCHEDULE FOR FULL EXTENT AND COMPLETE DESCRIPTION OF DOOR AND FRAME TYPES. PORTIONS OF DOORS, STOREFRONTS, AND CURTAIN WALLS MAY BE CONCEALED BY OTHER BUILDING FEATURES SHOWN.

D. REFER TO FLOOR PLANS FOR SPECIFIC FRAME TYPES AND ELEVATIONS.

SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

BUILDING ELEVATIONS

JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	ALC, ASC
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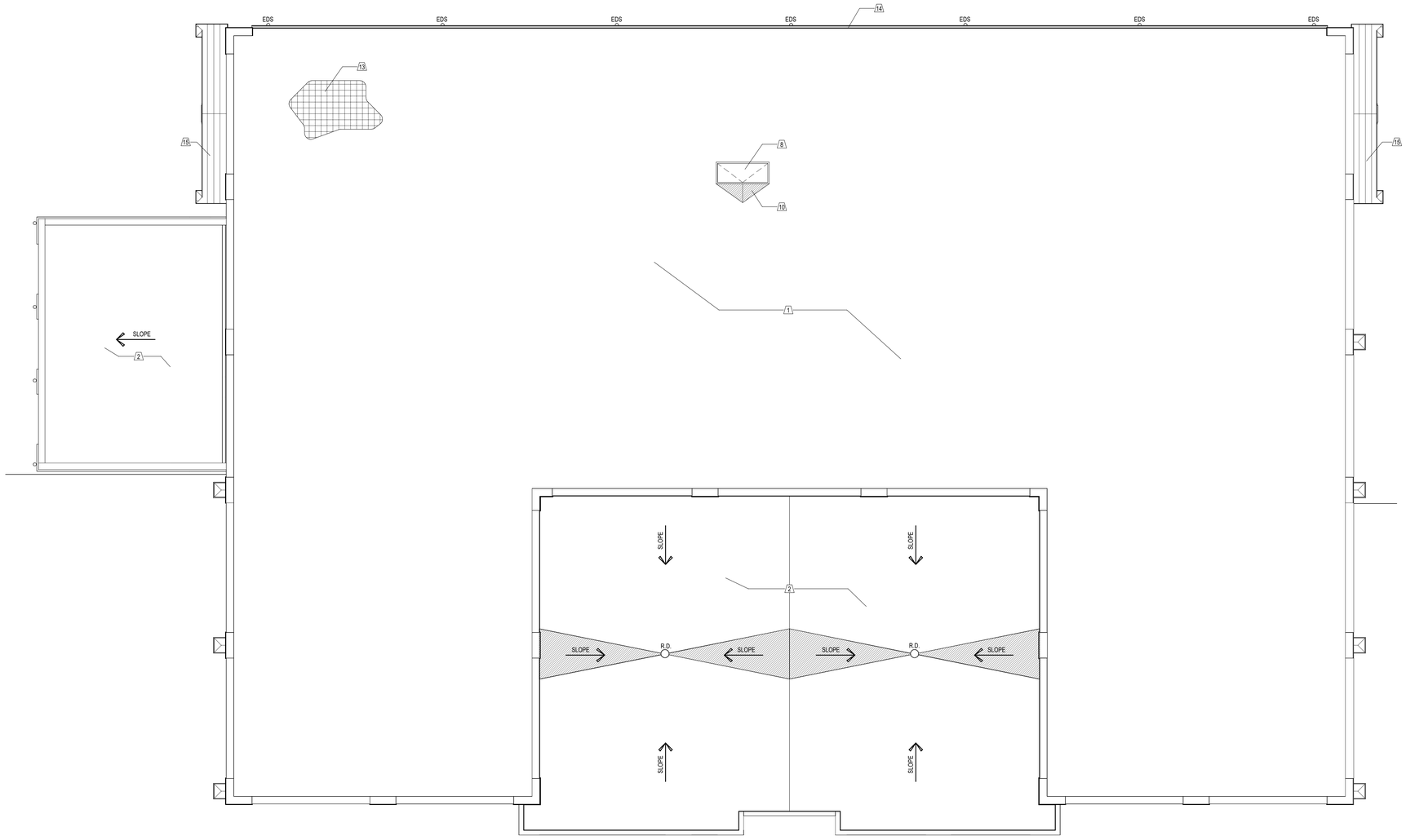
REVISIONS

No.	Description	Date

SHEET
A3.1

2265
HOPKINS COUNTY BOARD OFFICE RENOVATION
10/17/2024 7:48:47 AM



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

GENERAL ROOF NOTES

REFER TO STRUCTURAL DRAWINGS FOR SPECIFIC STRUCTURAL ELEVATIONS.

REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL ROOF MECH/ELEC ITEMS THAT MAY NOT BE SHOWN ON THIS PLAN.

FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS, U.N.O.

THE ROOFING CONTRACTOR SHALL NOT CONCEAL ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, OR FLASHINGS. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.

THE CONTRACTOR SHALL COORDINATE INSTALLATION OF ROOFING/FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQUIRED.

INSTALL CRICKETS TO MAINTAIN MINIMUM CLEARANCE TO MEMBRANE AS REQUIRED ON THE UPPER SIDE OF ALL EQUIPMENT CURBS, TYPICAL.

REFER TO DETAILS FOR TYPICAL PENETRATION DETAILS.

REFER TO DETAIL FOR TYPICAL EQUIPMENT CURB DETAIL.

CONFIRM ALL MEMBRANE ROOF SLOPES ARE 1/4"/FT. MIN. PRIOR TO INSTALLATION.

X ROOF KEY NOTES

1. EXISTING ROOF TYPE'; REFER TO ROOF LEGEND.
2. ROOF TYPE 'A'; REFER TO ROOF LEGEND.
3. PEMB RIDGE CAP.
4. PEMB GUTTER ASSEMBLY.
5. PRE-FIN. S.M. RAKE AND EDGE TRIM BY PEMB CONTRACTOR, REFER TO MFR. STANDARD DETAILS.
6. PARAPET COPING, REFER TO DETAIL 8/A4.1.
7. PARAPET COPING, REFER TO DETAIL 8/A4.1.
8. ROOF HATCH, REFER TO DETAIL 9/A2.3.
9. WALKWAY PADS, REFER TO SPECIFICATIONS.
10. CRICKET FOR POSITIVE DRAINAGE AROUND ROOF CURB.
11. TAPER INSULATION 1/4" PER FT. FOR POSITIVE DRAINAGE TO ROOF DRAINS.
12. HVAC UNIT, REFER TO MECHANICAL. SEE 10/A4.1 FOR MECH. CURB DETAIL.
13. APPROXIMATE AREA OF ROOF REPAIR(S)
14. EXISTING GUTTER.
15. EXISTING METAL ROOF.

ROOF LEGEND

ROOF ASSEMBLY - EXISTING
SINGLE TPO MEMBRANE OVER COVER DECK OVER RIGID INSULATION ON METAL DECK

ROOF ASSEMBLY - TYPE 'A'
SINGLE TPO MEMBRANE OVER 7/16" COVER DECK OVER MINIMUM 4 1/2" SLOPED POLYISOCYANURATE RIGID INSULATION ON 2" METAL DECK (PROVIDE 1/4" PER 1'-0" SLOPE MIN. FOR INSULATION)

ROOF ASSEMBLY - TYPE 'B'
PEMB. METAL ROOF OVER METAL PURLINS, WITH R-5 THERMAL BLOCKS, 8" LOWER LAYER FIBERGLASS BATT INSULATION AND 3" UPPER LAYER FIBERGLASS BATT INSULATION WITH A TOTAL PREINSTALLED R-VALUE OF 35. SUSPEND WITH STEEL STRAP AND FABRIC SYSTEM. SLOPE 2:12.

	INDICATES CRICKET, SLOPE 1/4" PER FOOT IN DIRECTION OF ARROW
	APPROXIMATE AREA OF ROOF REPAIR, TO BE INVESTIGATED AND REPAIRED BY CONTRACTOR
■ DS	PEMB DOWNSPOUT. U.N.O.
□ EDS	EXISTING DOWNSPOUT.
○ RD	ROOF DRAIN, REFER TO DETAIL.
○ ORD	OVERFLOW ROOF DRAIN, REFER TO DETAIL.
○ VTR	VENT THRU ROOF, REFER TO DETAIL.
▬ GEJ	GUTTER EXPANSION JOINT PER SMACNA STANDARDS
RTU	ROOF TOP UNIT, REFER TO MECHANICAL DWGS. AND CURB DETAIL.
	EXHAUST FAN / OA HOOD, REFER TO MECH. DWGS.

NORTH

SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
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ROOF PLAN & DETAILS

JOB NO.	2265
DATE	OCTOBER 07, 2024
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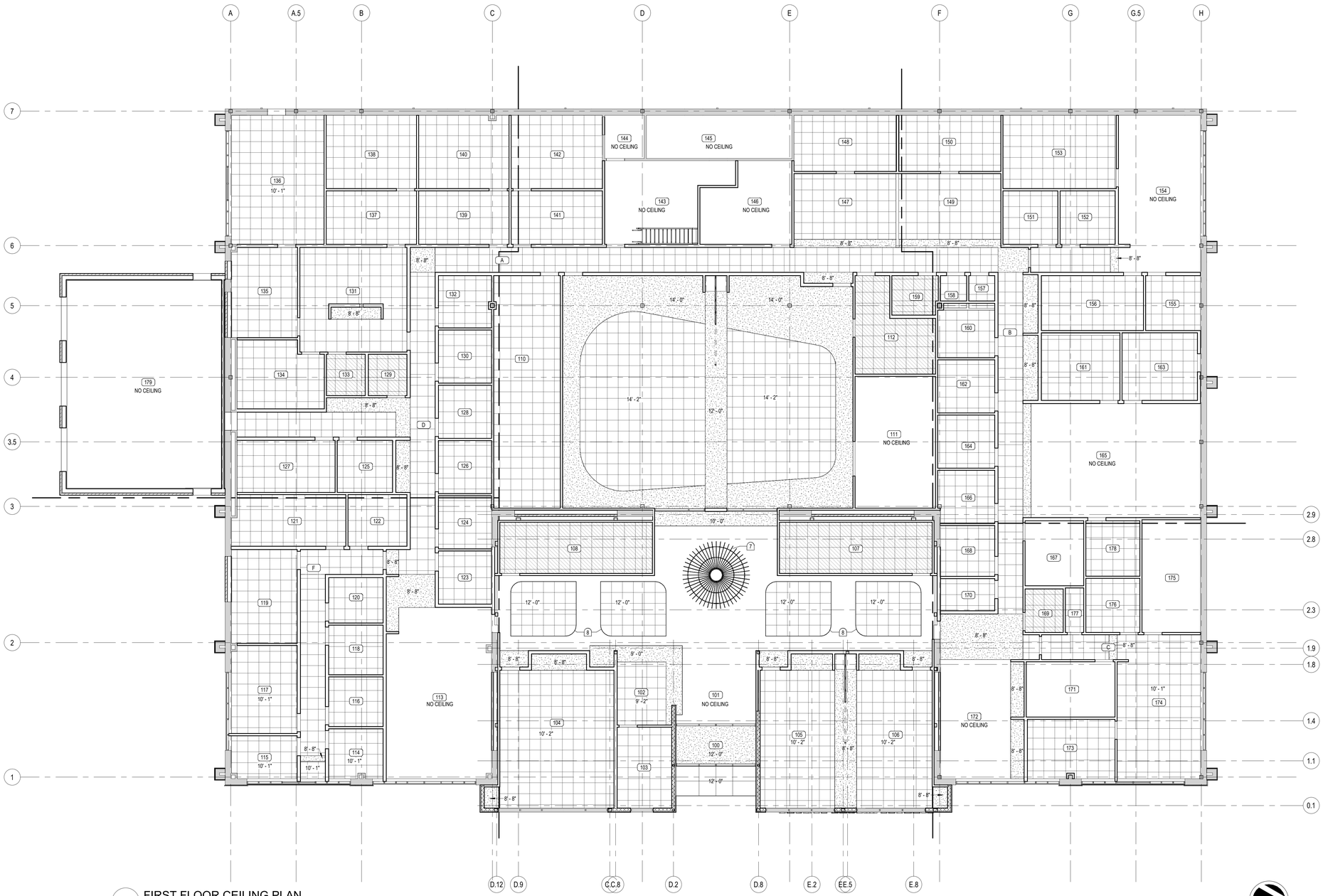
No.	Description	Date

SHEET
A4.1



1 FIRST FLOOR CEILING PLAN
1/8" = 1'-0"

NORTH

GENERAL REFLECTED CEILING NOTES

R1 ⌒ = KEYNOTES (WHERE APPLICABLE)

R2 CEILING RELATED MECHANICAL AND ELECTRICAL ITEMS ARE NOT SHOWN ON REFLECTED CEILING PLANS. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS FOR TYPE, SIZE, AND OTHER REQUIREMENTS PERTAINING SPECIFICALLY TO THESE ITEMS. -- EPOXY PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.

R3 REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL FIXTURES NOT SHOWN.

R4 REFER TO WALL TYPES FOR DESCRIPTION OF WALLS EXTENDING (OR NOT) TO UNDERSIDE OF DECKING AND/OR STRUCTURE ABOVE.

R5 INSTALL SPRINKLER HEADS IN CENTER OF 2x2 CEILING PANELS.

R6 INSTALL ALL SPRINKLER HEADS ON SWING ARM NIPPLES. REFER TO MECHANICAL DRAWINGS FOR SPECIFIC REQUIREMENTS.

R7 SOFFIT DIMENSIONS SHOWN ARE FROM FACE OF WALL OR FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD.

R8 REFER TO DOOR, FRAME DETAILS AND STRUCTURAL DRAWINGS FOR SPECIFIC LINTEL LOCATIONS. PAINT EXPOSED STEEL LINTELS (GALV. AT EXTERIOR LOCATIONS)

R9 UNLESS SPECIFICALLY LOCATED, GYPSUM BOARD CONTROL JOINTS AS REQUIRED BY INDUSTRY STANDARDS OR SPECS., WHICHEVER IS MORE RESTRICTIVE. CONFIRM LOCATIONS WITH ARCHITECT.

R10 ALL CEILINGS SHALL BE ACT TYPE A, U.N.O.

(#) REFLECTED CEILING PLAN KEY NOTES

NOTE: ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. METAL SOFFIT AT EXTERIOR. REFER TO DETAILS.
2. OPEN TO STRUCTURE. PAINT STRUCTURE & STEEL DECK. PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.
3. EXPOSED STRUCTURE AND DECK, NO FINISH.
4. METAL PANEL CONTROL JOINT, PAINT. EXTEND JOINT UP VERTICAL SIDES OF SOFFIT.
5. ROOF HATCH.
6. ALUMINUM COMPOSITE PANEL CEILING.
7. USG "COLORTEX RADIAL" CEILING FEATURE. REFER TO SPECIFICATIONS.
8. SUSPENDED ACOUSTICAL CEILING "CLOUD". REFER TO SPECIFICATIONS.

REFLECTED CEILING LEGEND

X' - X" CEILING HEIGHT, A.F.F.
NOTE: REFER TO SECTIONS AND DETAILS FOR EXTERIOR CEILING HEIGHTS NOT SHOWN.

2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-A) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.

2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-B) @ 9' - 0" A.F.F. U.N.O., REFER TO SPECS.

GYPSUM BOARD SOFFIT OR BULKHEAD, PAINT.

EXISTING BUILDING TO REMAIN.

NO CEILING. DECK / STRUCTURE ABOVE TO BE PAINTED.

SHERMAN CARTER BARNHART ARCHITECTS

HOPKINS COUNTY BOARD OFFICE RENOVATION
2135 NORTH MAIN STREET
MADISONVILLE KY

REFLECTED CEILING PLAN

JOB NO.	2265
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SHEET
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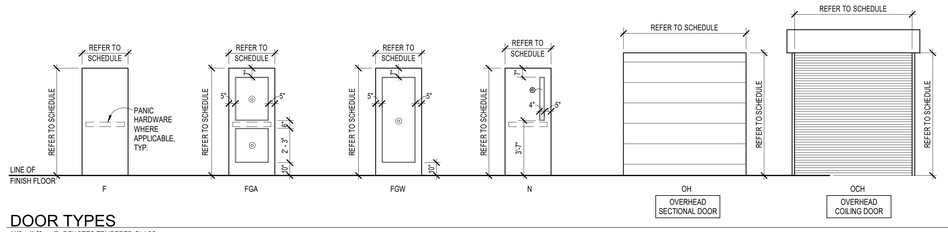


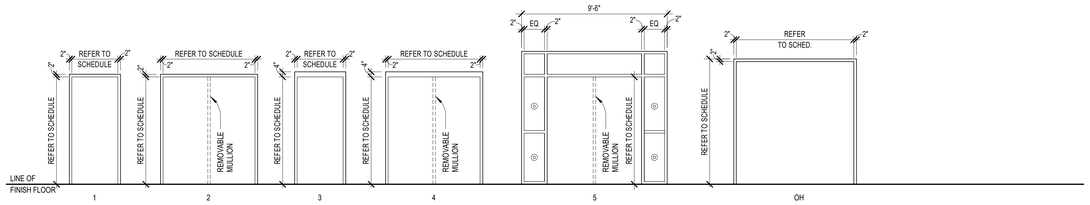
DOOR TYPES

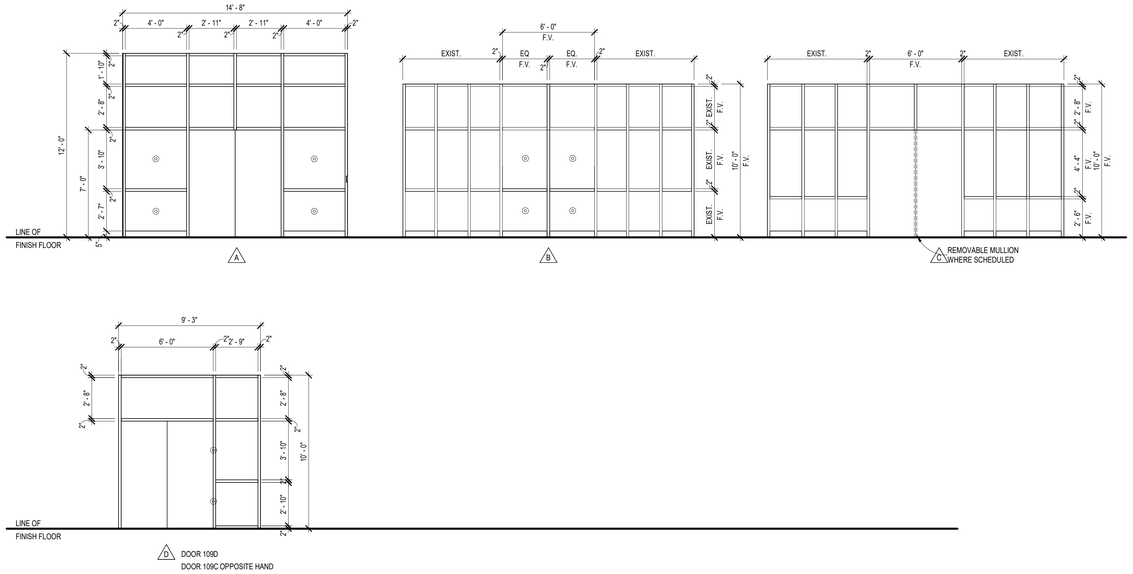
1/4" = 1'-0" ◎ DENOTES TEMPERED GLASS
ALL EXTERIOR GLAZING SHALL BE 1" INSULATED, U.N.O.

DOOR MATERIAL LEGEND:
HM = HOLLOW METAL
ALUM = ALUMINUM
SOWD = SOLID CORE WOOD DOOR
OVHD = OVERHEAD DOOR

DOOR DIMENSIONS: DIMENSIONS NOTED ARE MINIMUM SIZES TO FACILITATE AND/OR CONCEAL PROJECT SPECIFIC HARDWARE, MFR. STANDARD DIMENSIONS WHICH NOMINALLY EXCEED THE MINIMUMS ARE ACCEPTABLE SUBJECT TO ARCHITECT REVIEW.

GLAZING NOTES:
1. PROVIDE FULLY TEMPERED GLASS WHERE SHOWN ON DOOR AND FRAME TYPES, OR AS REQD. BY CODE.
2. ALL GLAZING AND GLAZING STOPS IN H.M. FRAMES ARE TO BE INSTALLED AT SECURE SIDE OF INTERIOR FRAMES AND INTERIOR SIDE OF ALL EXTERIOR FRAMES.
3. DIMENSIONS TO GLAZING EDGE NOTED ARE TO OUTERMOST EDGE AND DO NOT INCLUDE GLAZING TRIM
4. PROVIDE "FRSG" FIRE RATED SAFETY GLAZING AT RATED DOOR ASSEMBLIES.
5. PROVIDE LAMINATED GLAZING AT ALL EXTERIOR DOORS.





DOOR FRAME TYPES

1/4" = 1'-0" ◎ DENOTES TEMPERED GLASS

FRAMING ELEVATION / GLAZING LEGEND

- ⓒ DENOTED TEMEPERED SAFETY GLASS
- — DENOTES STEEL REINFORCEMENT FOR HARDWARE
- S DENOTES SPANDREL GLAZING

EXTERIOR DOOR SCHEDULE

NO.	ROOM NAME	DOOR NO. LEAVES	DOOR WIDTH	DOOR HEIGHT	DOOR MATERIAL	DOOR TYPE	DOOR GLAZING	FRAME MATERIAL	FRAME TYPE	FRAME GLAZING	FIRE RATING	CLOSER DEG.	REMARKS
109E	CFO	1	3' - 0"	7' - 0"									
E100	VESTIBULE	2	3' - 0"	7' - 0"	ALUM	FGW	1"	ALUM	5	1"	-	120	6,7,11,15,16
E113	FLEX SPACE	2	3' - 0"	7' - 2"	ALUM	FGW	1"	ALUM	C	EXIST.	-	-	9, 18
E136	SUPERINTENDENT	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	-	120	1,6,11,18
E154	WORK AREA	2	3' - 0"	7' - 2"	ALUM	FGA	1"	ALUM	C	EXIST.	-	-	11,15,17
E172	FLEX SPACE	2	3' - 0"	7' - 2"	ALUM	FGW	1"	ALUM	C	EXIST.	-	-	9, 18
E179A	GARAGE	1	3' - 0"	7' - 0"	HM	F	-	HM	3	-	-	90	1,7,9,14
E179B	GARAGE	1	8' - 0"	8' - 0"	OVHD	OH	-	MFGR	OH	-	-	-	12
E179C	GARAGE	1	8' - 0"	8' - 0"	OVHD	OH	-	MFGR	OH	-	-	-	12
E179D	GARAGE	1	8' - 0"	8' - 0"	OVHD	OH	-	MFGR	OH	-	-	-	12
E179E	GARAGE	1	3' - 0"	7' - 0"	HM	F	-	HM	3	-	-	90	1,7,9,14
EP01	STORAGE	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	-	-	8,11
EP02	STORAGE	1	3' - 0"	7' - 0"	HM	F	-	HM	2	-	-	-	11
EP03	STORAGE	1	12' - 0"	7' - 2"	OVHD	OCD	-	MFGR	OH	-	-	-	12

INTERIOR DOOR SCHEDULE

NO.	ROOM NAME	DOOR NO. LEAVES	DOOR WIDTH	DOOR HEIGHT	DOOR MATERIAL	DOOR TYPE	DOOR GLAZING	FRAME MATERIAL	FRAME TYPE	FRAME GLAZING	FIRE RATING	CLOSER DEG.	REMARKS
100	LOBBY	2	3' - 0"	7' - 0"	ALUM	FGA	1"	ALUM	A	1"	-	120	11,15
101A	LOBBY	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		11
101B	LOBBY	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		11
103	OFFICE	1	3' - 0"	7' - 0"	SCWD	N	1/4"	HM	1	1/4"	-		
104	MEETING ROOM 1	1	3' - 0"	7' - 0"	SCWD	FGW	1/4"	HM	1	-	-		
105A	MEETING ROOM 2	1	3' - 0"	7' - 0"	SCWD	FGW	1/4"	HM	1	-	-		
106A	MEETING ROOM 3	1	3' - 0"	7' - 0"	SCWD	FGW	1/4"	HM	1	-	-		
107	WOMEN	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-	90	
108	MEN	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-	90	
109A	CORRIDOR	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	45		11
109B	CORRIDOR	1	3' - 0"	7' - 0"	SCWD	N	1/4"	HM	1	-	-		11
109C	BOARD ROOM	2	3' - 0"	7' - 0"	ALUM	FGA	1/4"	ALUM	D OPP HND	1/4"	-		11
109D	BOARD ROOM	2	3' - 0"	7' - 0"	ALUM	FGA	1/4"	ALUM	D	1/4"	-		11
109E	CFO	1	3' - 0"	7' - 0"									
110	SHARED FILING	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	45		11
111	STORAGE	2	3' - 0"	7' - 0"	SCWD	F	-	HM	2	-	45		
112A	KITCHEN	1	3' - 0"	7' - 0"	SCWD	N	1/4"	HM	1	1/4"	-		
112B	KITCHEN	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
113	CORRIDOR	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		20
114	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
115	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
116	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
117	DIRECTOR OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
118	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
119	DIRECTOR OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
120	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
121	DIRECTOR OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
122	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
123	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
124	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
125	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
126	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
127	DIRECTOR OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
128	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
129	TOILET	1	3' - 0"	7' - 0"									
130	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
131	FLEX SPACE	1	3' - 0"	7' - 0"	SCWD	FGW	1/4"	HM	1	-	-		
132	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
133	TOILET	1	3' - 0"	7' - 0"									
135A	ASSISTANT	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
135B	SUPERINTENDENT	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
137	ASSISTANT	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
138	ASST SUPT	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
139	ASSISTANT	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
140	ASST SUPT	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
141	ASSISTANT	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
142	ASST SUPT	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
143	CUST.	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
144	CUST.	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	-		
146	MDF / DATA CENTER	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		11
148	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
150	DIRECTOR OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
151	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
152	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
153	STORAGE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	45		
154	CORRIDOR	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		20
155	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
156	DIRECTOR OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
157	PHONE	1	3' - 0"	7' - 0"	SCWD	FGW	1/4"	HM	1	-	-		
158	PHONE	1	3' - 0"	7' - 0"	SCWD	FGW	1/4"	HM	1	-	-		
159	TOILET	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		13
160	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
161	DIRECTOR OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
162	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
163	DIRECTOR OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
164	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
166	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
167	STORAGE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	45		
168	OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
169	TOILET	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		13
170	TEST / PHONE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
171	STORAGE	1	3' - 0"	7' - 0"									
173	DIRECTOR OFFICE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
174	CORRIDOR	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		20
175	STORAGE	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	45		
176	ADMIN ASSIST	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
177	CLO	1	2' - 4"	7' - 0"	SCWD	F	-	HM	1	-	-		
178	ADMIN ASSIST	1	3' - 0"	7' - 0"	SCWD	F	-	HM	1	-	-		
179	CORRIDOR	1	3' - 0"	7' - 0"	HM	F	-	HM	1	-	45		

DOOR AND FRAME NOTES

GENERAL NOTES:
1. REFER TO TYPICAL HEAD AND JAMB DETAILS THIS SHEET AND REFERENCED DETAILS ON THE DOOR SCHEDULE.
2. REFER TO THIS SHEET FOR ALUM. AND H.M. FRAME ELEVATIONS.

HOLLOW METAL FRAME NOTES:
A. PROVIDE REINFORCING CHANNEL IN FRAME HEAD AT ALL H.M. FRAMES WHERE TOTAL FRAME WIDTH IS GREATER THAN 4 FT.
B. PROVIDE 11 GA. x 2" WIDE STRAPS AT 8" O.C. IN H.M. FRAME HEADS GREATER THAN 2" IN HT., TYP.
C. LINTEL BEAM LENGTH SHALL BE MIO. PLUS 16" LONG (MIN. 8" BEARING AT EACH END UNLESS NOTED OTHERWISE). LINTEL PLATE LENGTH SHALL BE M.O. LESS 1/4" LONG (1/8" AT EACH END) REFER TO STRUCTURAL DRAWINGS FOR LINTEL INFORMATION.
D. WHERE GLAZING IS SHOWN, THE FRAME FABRICATOR SHALL PRE-DRILL STOPS AND FRAME TO RECEIVE MOUNTING SCREWS. VERIFY LOCATIONS AND DEPTH OF GLAZING MATERIAL.

ALUMINUM FRAME NOTES:
A. PROVIDE RIGID INSULATION INSERTS AT FRAME PERIMETER.
B. PROVIDE LOW EXPANSION SPRAY FOAM SEALANT AT SHIM VOIDS.
C. PROVIDE PRESSURE TREATED (P.T.) WOOD SHIMS AS REQUIRED.

DOOR NOTES:
A. UNDERCUT AT NON-RATED H.M. DOORS 1/2" FROM BOTTOM OF DOOR TO SCHEDULED FLOOR FIN.
B. UNDERCUT AT EXTERIOR DOORS 1/8" MAX FROM BOTTOM OF DOOR TO TOP OF THRESHOLD.
C. ALL EXTERIOR HOLLOW METAL DOORS TO HAVE FLUSH CLOSURE CAPS TOP AND BOTTOM.
D. PROVIDE THRESHOLDS AS REQUIRED AT DOORS. SEE TYPICAL THRESHOLD DETAILS (THIS SHEET) AND ROOM FINISH GROUPS FOR FLOOR FINISHES.

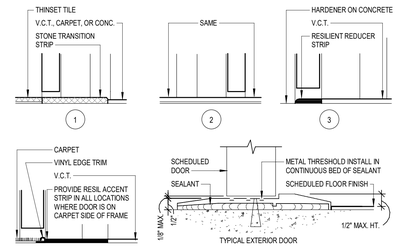
HARDWARE NOTES:
A. PROVIDE AND INSTALL ALL HARDWARE IN ACCORDANCE WITH APPLICABLE ARTICLES OF "THE AMERICANS WITH DISABILITIES ACT (A.D.A.)"
B. REFER TO HARDWARE SPECIFICATION FOR ADDITIONAL HARDWARE REQUIREMENTS SPECIFIC TO INDIVIDUAL DOORS.

ICC 500 - 2014 RATED HOLLOW METAL DOOR AND FRAME NOTES:
1. PROVIDE HOLLOW METAL DOOR/FRAME AND HARDWARE ASSEMBLY TESTED FOR COMPLIANCE WITH ICC 500-2014 FOR 250 MPH TORNADO SHELTER. BASIS OF DESIGN ASSEMBLY - "CURRIES STORMPRO 351" OR PRE-APPROVED EQUAL.
2. INSTALL ASSEMBLY IN STRICT COMPLIANCE WITH MANUFACTURER WRITTEN GUIDE
3. PROVIDE ALL ACCESSORIES AS TESTED WITH THE DOOR ASSEMBLY AND REQUIRED FOR A COMPLETE OPERATIONAL DOOR ASSEMBLY.
4. COORDINATE KEYING AND CYLINDER TYPES WITH OWNER.
5. PROVIDE EXTERIOR THRESHOLD AS RECOMMENDED BY MANUFACTURER.

GLAZING NOTES:
1. ALL EXTERIOR GLAZING IS 1" INSULATED, UNLESS NOTED OTHERWISE.
2. ALL INTERIOR GLAZING IS 1/4", UNLESS NOTED OTHERWISE.
3. ◉ DENOTES TEMPERED GLAZING.
4. PROVIDE FIRE RATED GLAZING (FRSG) AT ALL GLAZING APPLICATIONS IN FIRE RATED WALLS. GLAZING AS REQUIRED BY CODE FOR APPLICATION.
5. ALL GLAZING AND GLAZING STOPS AT INTERIOR DOOR AND FRAME ASSEMBLIES TO BE INSTALLED ON THE SECURE SIDE OF THE ASSEMBLIES.
6. GLAZING LOCATIONS AND DIMENSIONS INDICATED ON DOOR TYPES IS TO THE EDGE OF THE VISIBLE GLAZING.
7. WHERE GLAZING IS SHOWN, THE FRAME FABRICATOR SHALL PRE-DRILL STOPS AND FRAME TO RECEIVE MOUNTING SCREWS. VERIFY LOCATIONS AND DEPTH OF GLAZING MATERIAL.

TYPICAL THRESHOLD DETAILS - N.T.S.

GENERAL NOTES:
1. REFER TO ROOM FINISH GROUPS AND FLOOR PLANS FOR FINISHES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE SURE THE PROPER THRESHOLD IS USED.
2. PROVIDE RESILIENT TRANSITION STRIPS OR REDUCERS BETWEEN ALL DIFFERING FLOOR FINISH MATERIALS IE CARPET TO TILE.
3. PROVIDE STRIP OR REDUCER PROFILE AS RECOMMENDED BY MANUFACTURER FOR APPLICATION.
4. ALL INTERIOR SECTIONS OF DIFFERENT FLOOR FINISHES MUST OCCUR UNDER DOOR.



DOOR AND FRAME SCHEDULE REMARKS

1. INSULATED DOOR AND FRAME.
2. WEATHERSTRIPPING.
3. REINFORCE DOOR(S) & FRAME FOR SCHEDULED HARDWARE.
4. REMOVABLE MULLION.
5. CLOSER WITH HOLD-OPEN FUNCTION.
6. CLOSER WITHOUT HOLD-OPEN FUNCTION.
7. PANIC DEVICE(S)
8. GALVANIZED DOOR AND FRAME.
9. NO EXTERIOR PULL OR TRIM.
10. KICKPLATE.
11. CARD READER. COORDINATE WITH SECURITY HARDWARE AND ELECTRICAL
12. POWER OPERATED GARAGE DOOR.
13. THUMBTURN LOCK WITH OCCUPANCY INDICATOR.
14. ALTERNATE #1 DOOR, FRAME AND HARDWARE NOT IN BASE BID.
15. BUZZER.
16. AI PHONE.
17. INSTALL REMOVABLE MULLION IN EXISING OPENING.
18. NEW DOOR(S) IN EXISTING OPENING.
19. NEW DOOR AND FRAME IN EXISTING OPENING.
20. CLOSER WITH HOLD-OPEN FUNCTION, TIED TO RELEASE ON FIRE ALARM.

SHERMAN CARTER BARNHART ARCHITECTS

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2135 NORTH MAIN STREET
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DOOR SCHEDULE FRAME ELEVATIONS

JOB NO.	2265
DATE	OCTOBER 07, 2024
DRAWN	ALC, ASC
CHECKED	-

REVISIONS

No.	Description	Date

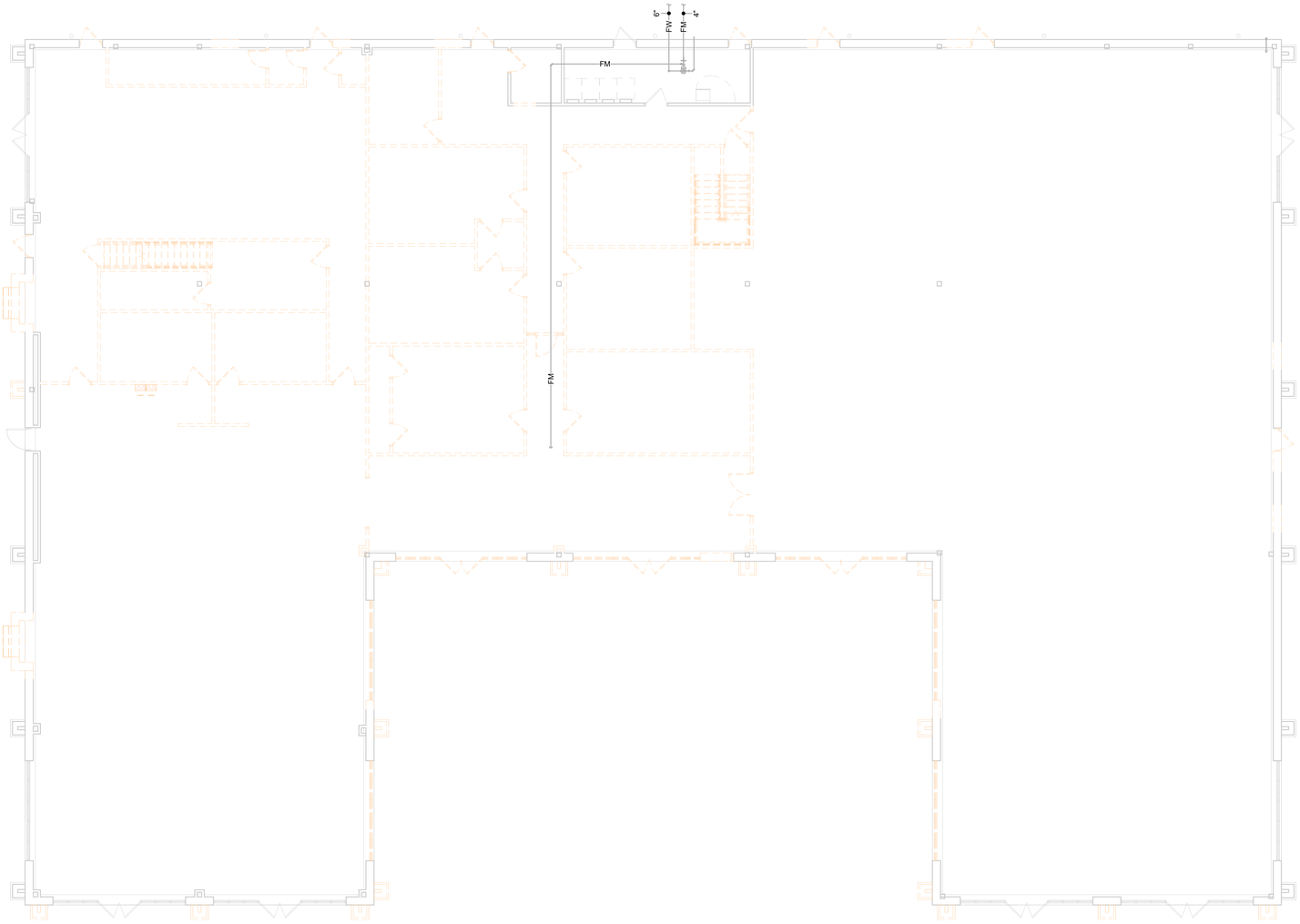
SHEET

A8.1

MECHANICAL
DEMOLITION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)

1	
2	



PLAN NORTH

FIRE PROTECTION DEMOLITION FIRST FLOOR PLAN

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

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FIRE PROTECTION DEMOLITION FLOOR PLAN

JOB NO.	22632
DATE	10/04/2024
DRAWN	RY
CHECKED	LO

REVISIONS

No.	Description	Date

SHEET

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MECHANICAL CONSTRUCTION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)

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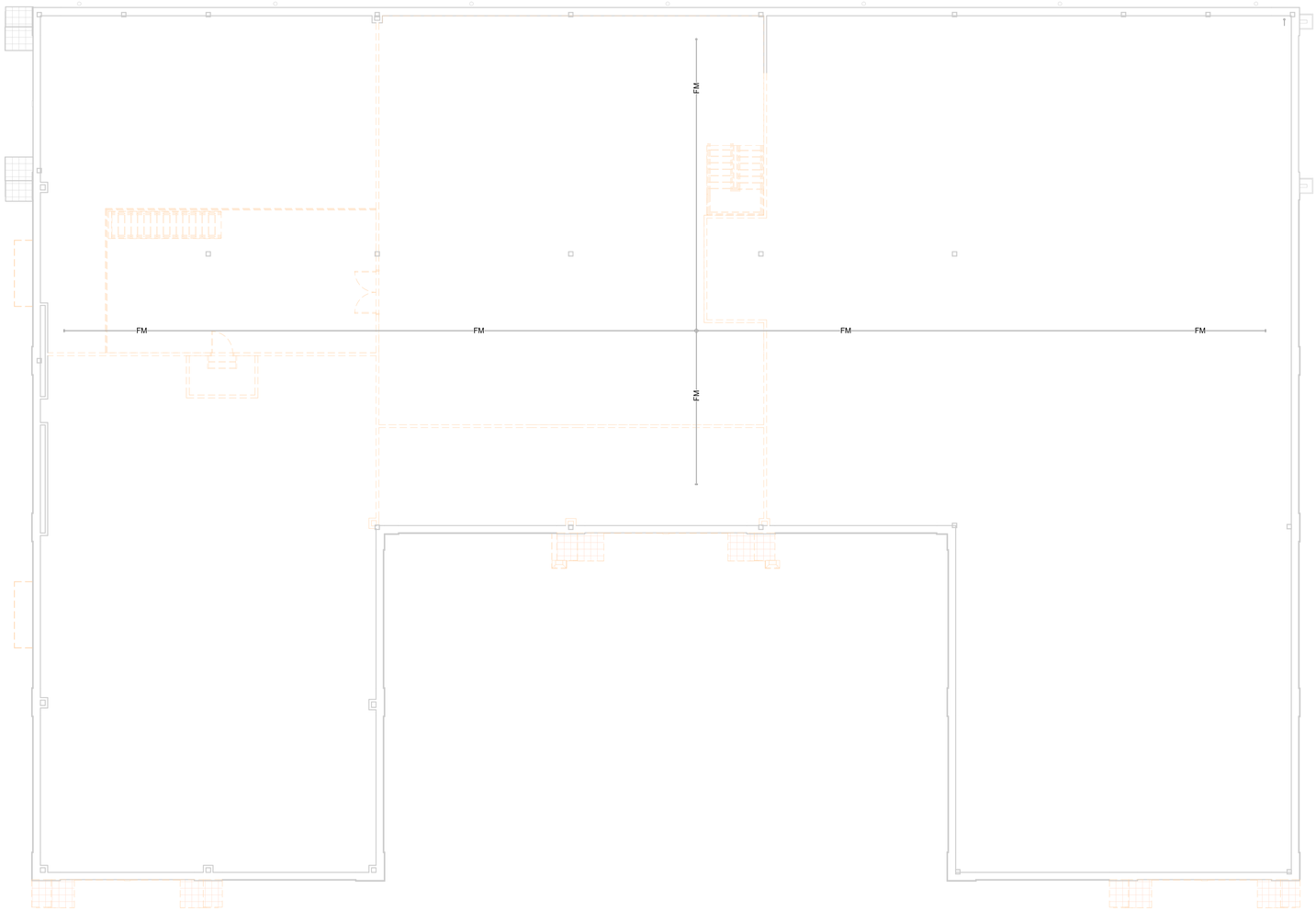
2	



PLAN NORTH

FIRE PROTECTION DEMOLITION MEZZANINE PLAN

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

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FIRE PROTECTION DEMOLITION MEZZANINE PLAN

JOB NO.	22632
DATE	10/04/2024
DRAWN	RY
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REVISIONS

No.	Description	Date

SHEET

DFP1.2

MECHANICAL CONSTRUCTION TAG NOTES

#	(APPLIES TO THIS DRAWING ONLY)

PLAN NORTH

FIRE PROTECTION FIRST FLOOR PLAN

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

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FIRE PROTECTION FIRST FLOOR PLAN

JOB NO.	22632
DATE	10/04/2024
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No.	Description	Date

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FP1.1

MECHANICAL DEMOLITION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)

P	

PLAN NORTH

PLUMBING DEMOLITION FIRST FLOOR PLAN

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

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PLUMBING DEMOLITION FIRST FLOOR PLAN

JOB NO.	22632
DATE	10/04/2024
DRAWN	RY
CHECKED	LO

REVISIONS

No.	Description	Date

SHEET

DP1.1

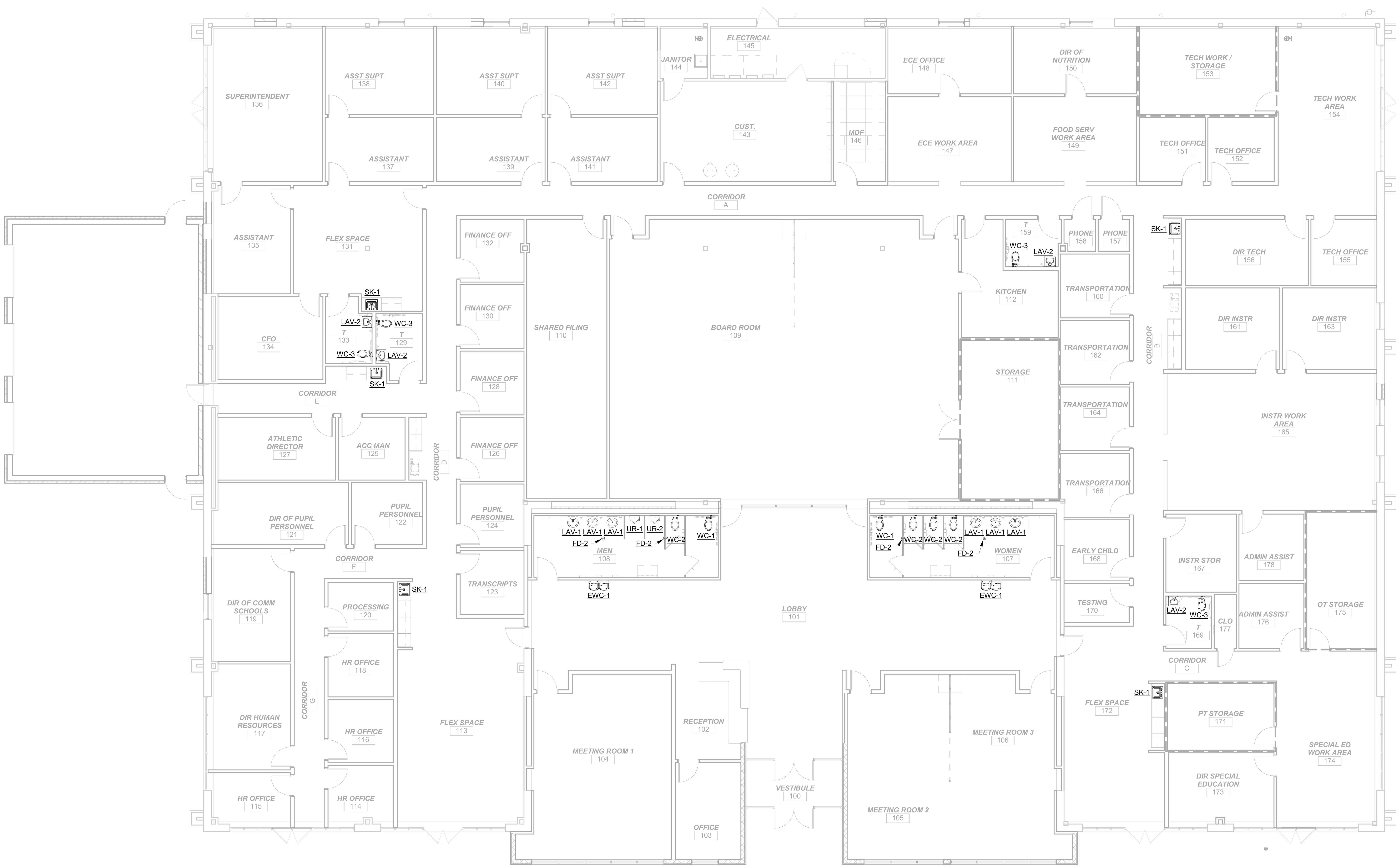
MECHANICAL CONSTRUCTION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)

1	asdfasfdsadf
2	

PRELIMINARY PLUMBING FIXTURE SCHEDULE

PREL. TAG	TYPE	MOUNTING (FLOOR/WALL)	AGE GROUP (3-4, 5-8, 9-12, 13 & UP)	ADA (YES/NO)	HEIGHT (INCHES)	ACTUATION TYPE (MANUAL/AUTO)	ACTUATION STYLE	NOTES
WC-1	WATER CLOSET	FLOOR	13 & UP	Y	17	AUTOMATIC	FLUSH VALVE	1.6 GPF
WC-2	WATER CLOSET	FLOOR	13 & UP	N	15	AUTOMATIC	FLUSH VALVE	1.6 GPF
WC-3	WATER CLOSET	FLOOR	13 & UP	Y	17	MANUAL	FLUSH VALVE	1.6 GPF
UR-1	URINAL	WALL	13 & UP	Y	17	AUTOMATIC	FLUSH VALVE	1.0 GPF
UR-2	URINAL	WALL	13 & UP	N	24	AUTOMATIC	FLUSH VALVE	1.0 GPF
LAV-1	LAVATORY	LAY-IN	13 & UP	Y	34	AUTOMATIC	INFRARED SENSOR	DECK MOUNT FAUCET
LAV-2	LAVATORY	WALL	13 & UP	Y	34	MANUAL	SINGLE LEVER HANDLE	DECK MOUNT FAUCET
SK-1	SINGLE BOWL STAINLESS STEEL SINK	LAY-IN 22"x19-1/2"x6-1/2"	13 & UP	Y	-	MANUAL	WRIST BLADE HANDLES	DECK MOUNT FAUCET WITH GOOSENECK SPOUT
SK-2	DOUBLE BOWL STAINLESS STEEL SINK	LAY-IN 33"x19-1/2"x6-1/2"	13 & UP	Y	-	MANUAL	SINGLE LEVER HANDLE	DECK MOUNT FAUCET WITH PULL-DOWN SPRAY
SK-3	THREE COMPARTMENT SINK	70-1/2"x27-1/2"x14"	13 & UP	N	-	MANUAL	LEVER HANDLES	2 WALL MOUNT FAUCETS
EWC-1	BI-LEVEL ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION	WALL	13 & UP	Y	-	AUTOMATIC	ELECTRONIC SENSOR	REFRIGERATED WITH WATER FILTER



PLAN NORTH

PLUMBING FIRST FLOOR PLAN - SANITARY

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

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MADISONVILLE KY

PLUMBING FIRST FLOOR PLAN - SANTARY

JOB NO.	22632
DATE	10/04/2024
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REVISIONS

No.	Description	Date

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P1.1

MECHANICAL CONSTRUCTION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)

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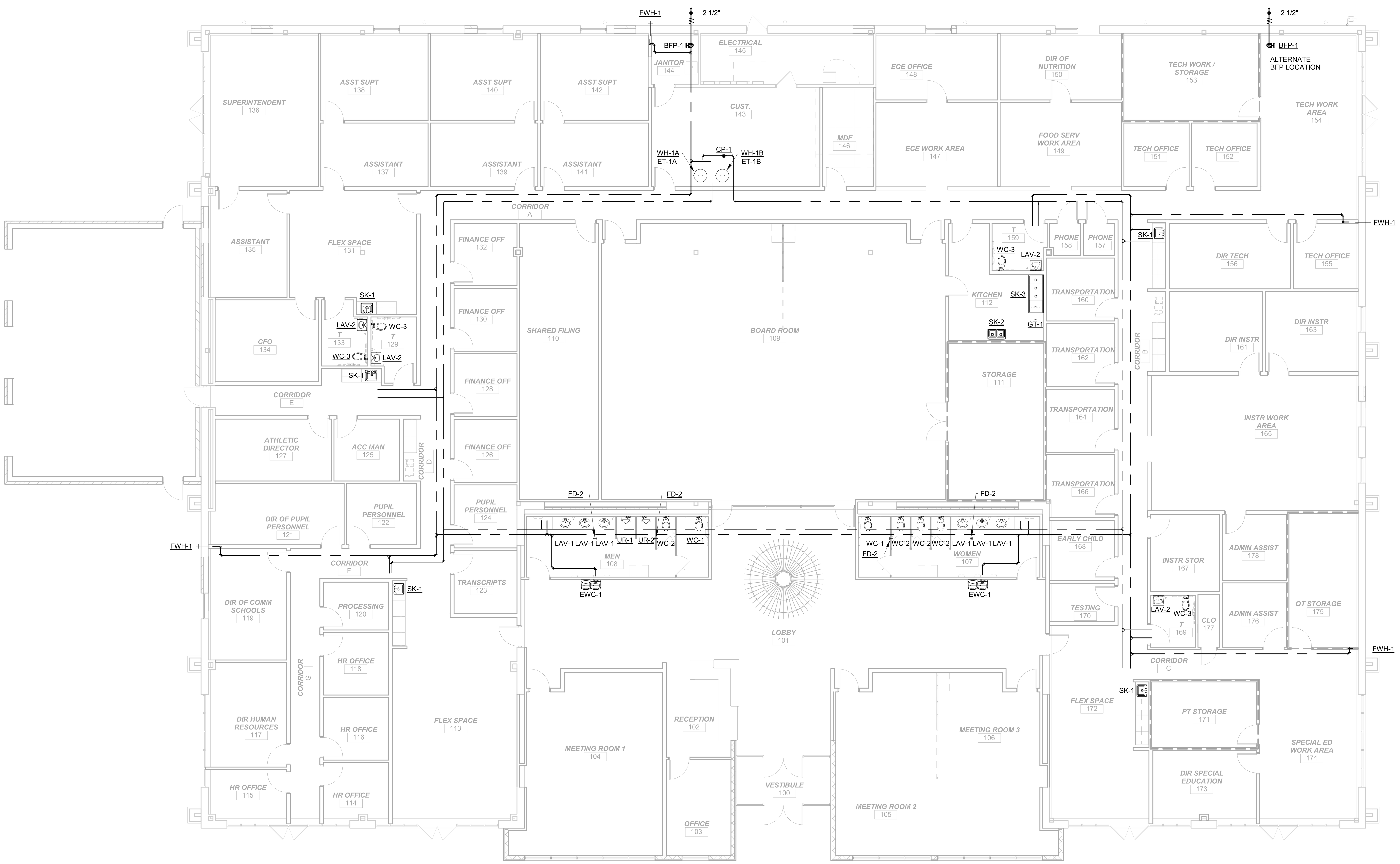

PLAN NORTH

PLUMBING FIRST FLOOR PLAN - SUPPLIES

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

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MADISONVILLE KY

PLUMBING FIRST FLOOR PLAN - SUPPLIES

JOB NO.	22632
DATE	10/04/2024
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CHECKED	LO

REVISIONS

No.	Description	Date

SHEET

P1.2

HVAC LEGEND

SA	SHEETMETAL SUPPLY-AIR DUCTWORK
RA	SHEETMETAL RETURN-AIR DUCTWORK
EA	SHEETMETAL EXHAUST-AIR DUCTWORK
00x00	NEW RECT. SHEETMETAL DUCTWORK: FIRST FIG. WIDTH, SECOND FIG. DEPTH
ØØ	NEW ROUND RIGID S.M. DUCTWORK
ØØ	NEW FLEXIBLE ROUND DUCTWORK
	SUPPLY-AIR DUCT (UP/DN)
	RETURN-AIR DUCT (UP/DN)
	EXHAUST-AIR DUCT (UP/DN)
	PIPE RISE
	PIPE DROP
	EXISTING CEILING SUPPLY-AIR DIFFUSER
	EXISTING CEILING RETURN-AIR GRILLE
	EXISTING CEILING EXHAUST-AIR GRILLE
S-#	SUPPLY-AIR DIFFUSER (SEE SCHEDULE)
R-#	RETURN-AIR GRILLE (SEE SCHEDULE)
E-#	EXHAUST-AIR GRILLE (SEE SCHEDULE)
SAD	EXISTING SUPPLY-AIR DIFFUSER (SEE SCHEDULE)
RAG	EXISTING RETURN-AIR GRILLE (SEE SCHEDULE)
EAG	EXISTING EXHAUST-AIR GRILLE (SEE SCHEDULE)
T	THERMOSTAT
Z	ZONE SENSOR
#	NEW CONSTRUCTION NOTE
#	DEMOLITION NOTE
	EXISTING TO BE REMOVED
D	CONDENSATE DRAIN PIPING
REF	REFRIGERANT PIPING
S	HEAT PUMP LOOP WATER SUPPLY
R	HEAT PUMP LOOP WATER RETURN
#	EXISTING EQUIPMENT TAG - TYPE & NUMBER

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HVAC LEAD SHEET

JOB NO.	22632
DATE	10/04/2024
DRAWN	TRN
CHECKED	LO

REVISIONS

No.	Description	Date

SHEET
H0.1

MECHANICAL DEMOLITION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)

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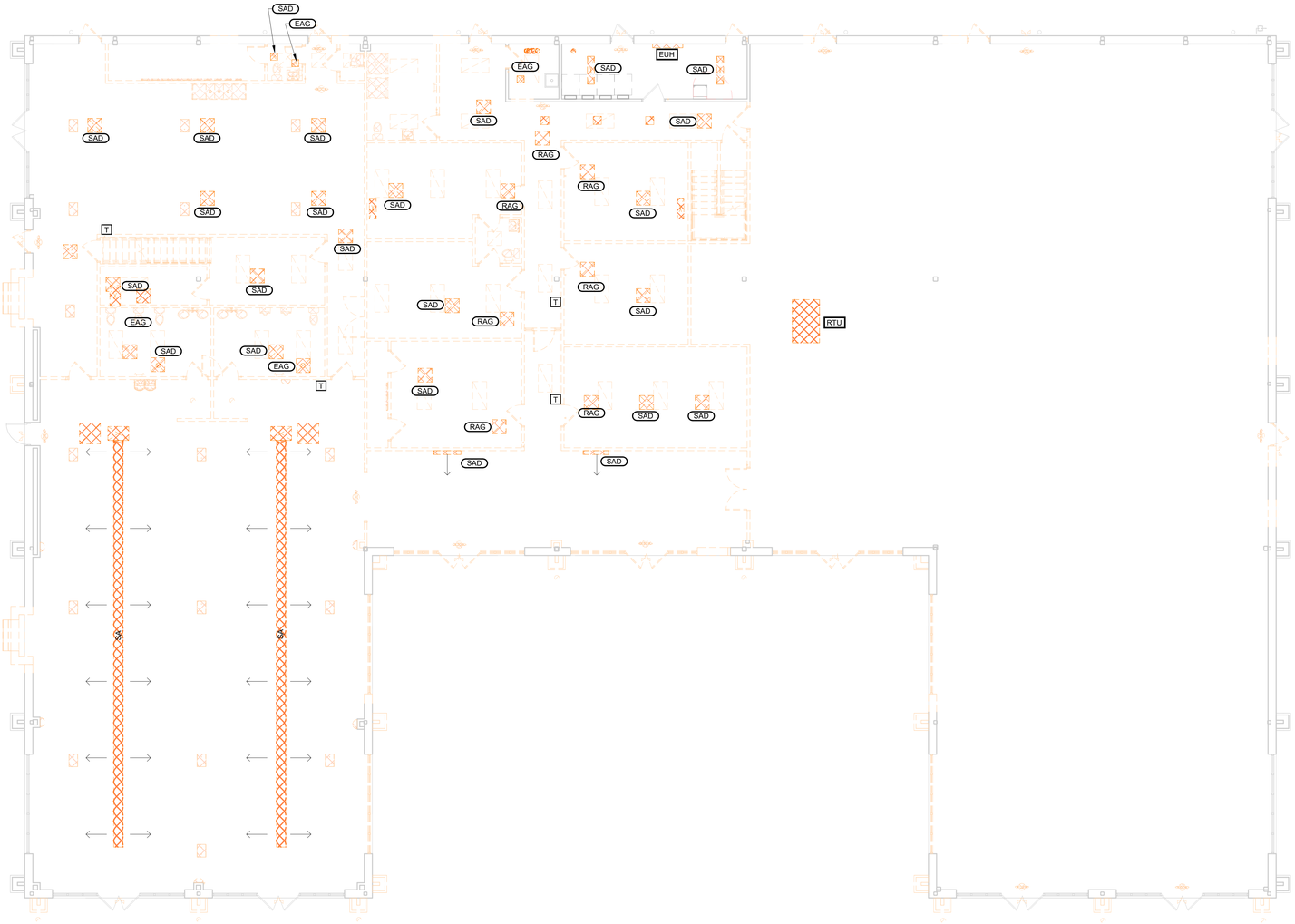

PLAN NORTH

HVAC DEMO FLOOR PLAN

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

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HVAC DEMOLITION FIRST FLOOR PLAN

JOB NO.	22632
DATE	10/04/2024
DRAWN	TRN
CHECKED	LO

REVISIONS

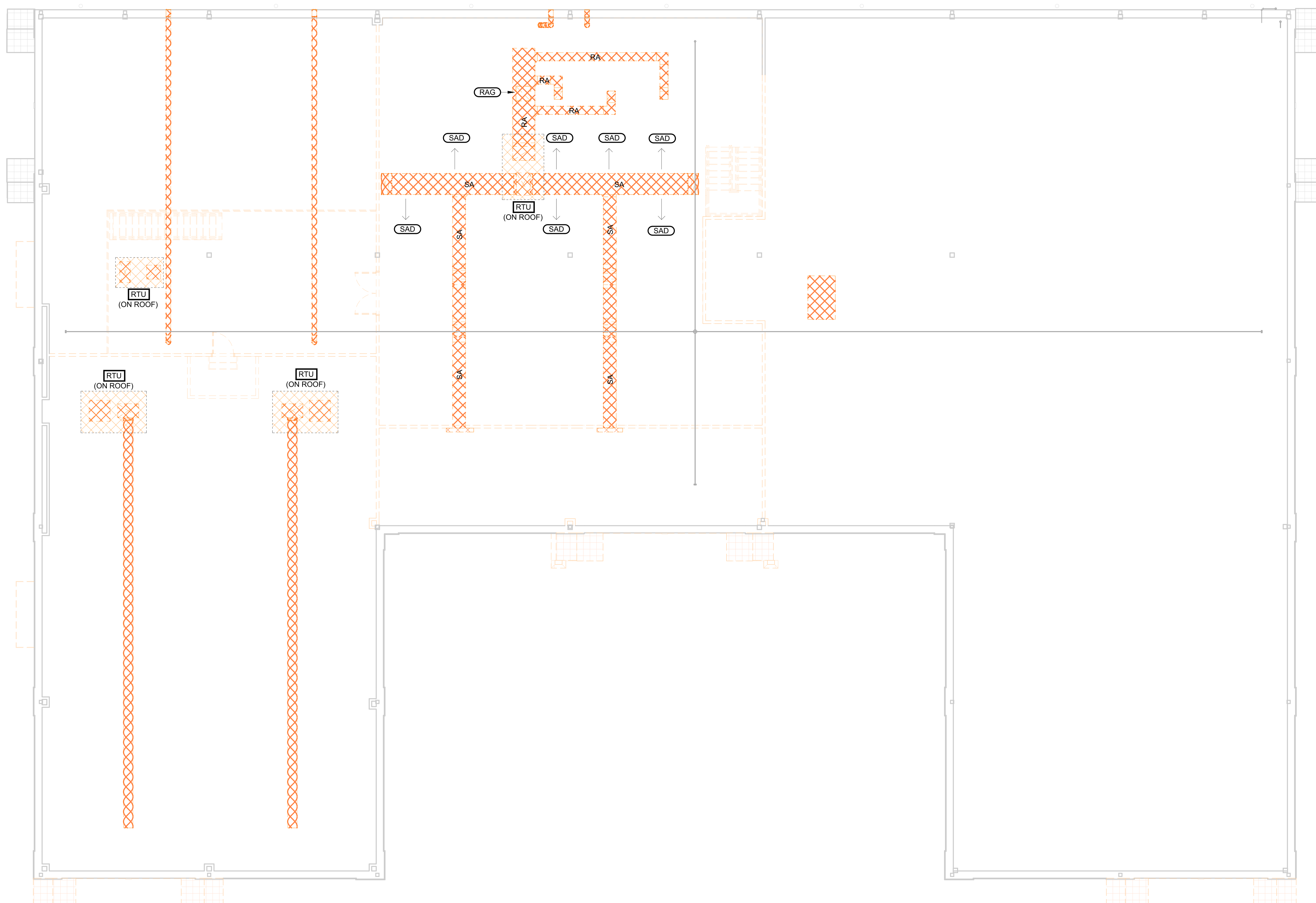
No.	Description	Date

SHEET

DH1.1

MECHANICAL DEMOLITION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)



PLAN NORTH

HVAC DEMO MEZZ

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

SHERMAN CARTER BARNHART ARCHITECTS

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MADISONVILLE KY

HVAC DEMOLITION SECOND LEVEL PLAN

JOB NO.	22632
DATE	10/04/2024
DRAWN	TRN
CHECKED	LO

REVISIONS

No.	Description	Date

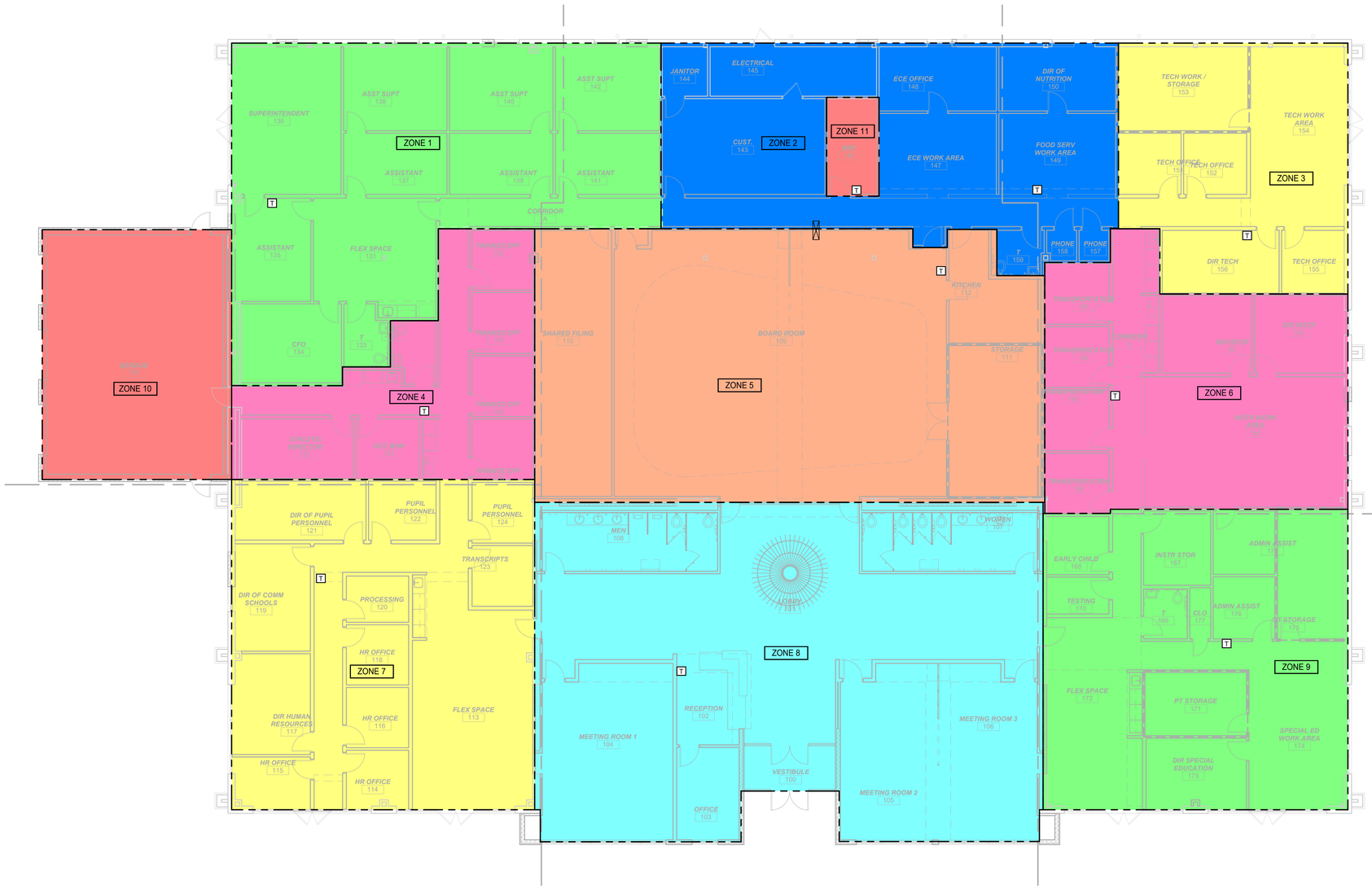
SHEET

DH1.2

MECHANICAL CONSTRUCTION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)

#	



PLAN NORTH

FLOOR PLAN

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

SHERMAN CARTER BARNHART ARCHITECTS

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HOPKINS COUNTY BOARD OFFICE RENOVATION

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MADISONVILLE KY

HVAC FIRST FLOOR PLAN

JOB NO.	22632
DATE	10/04/2024
DRAWN	TRN
CHECKED	LO

REVISIONS

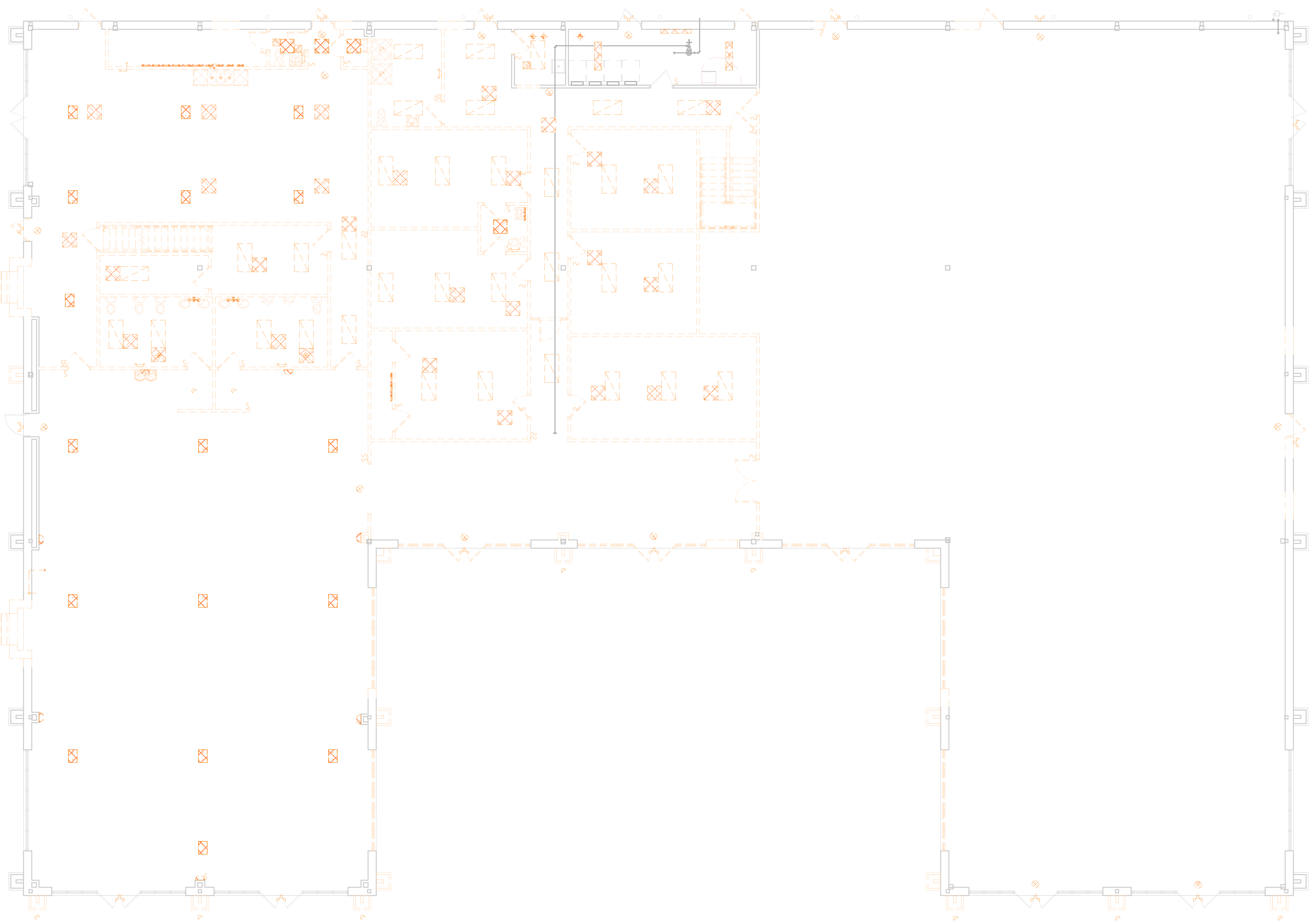
No.	Description	Date

SHEET

H1.1

ELECTRICAL CONSTRUCTION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)



PLAN NORTH

DEMO ELECTRICAL FLOOR PLAN

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

SHERMAN CARTER BARNHART ARCHITECTS

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ELECTRICAL DEMOLTION FLOOR PLAN

JOB NO.	22632
DATE	10/04/2024
DRAWN	Author
CHECKED	Checker

REVISIONS

No.	Description	Date

SHEET

DE1.1

ELECTRICAL CONSTRUCTION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)

#	
1	
2	
3	
4	
5	
6	

PLAN NORTH

FLOOR PLAN

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

SHERMAN CARTER BARNHART ARCHITECTS

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LIGHTING FIRST FLOOR PLAN

JOB NO.	22632
DATE	10/04/2024
DRAWN	Author
CHECKED	Checker

REVISIONS

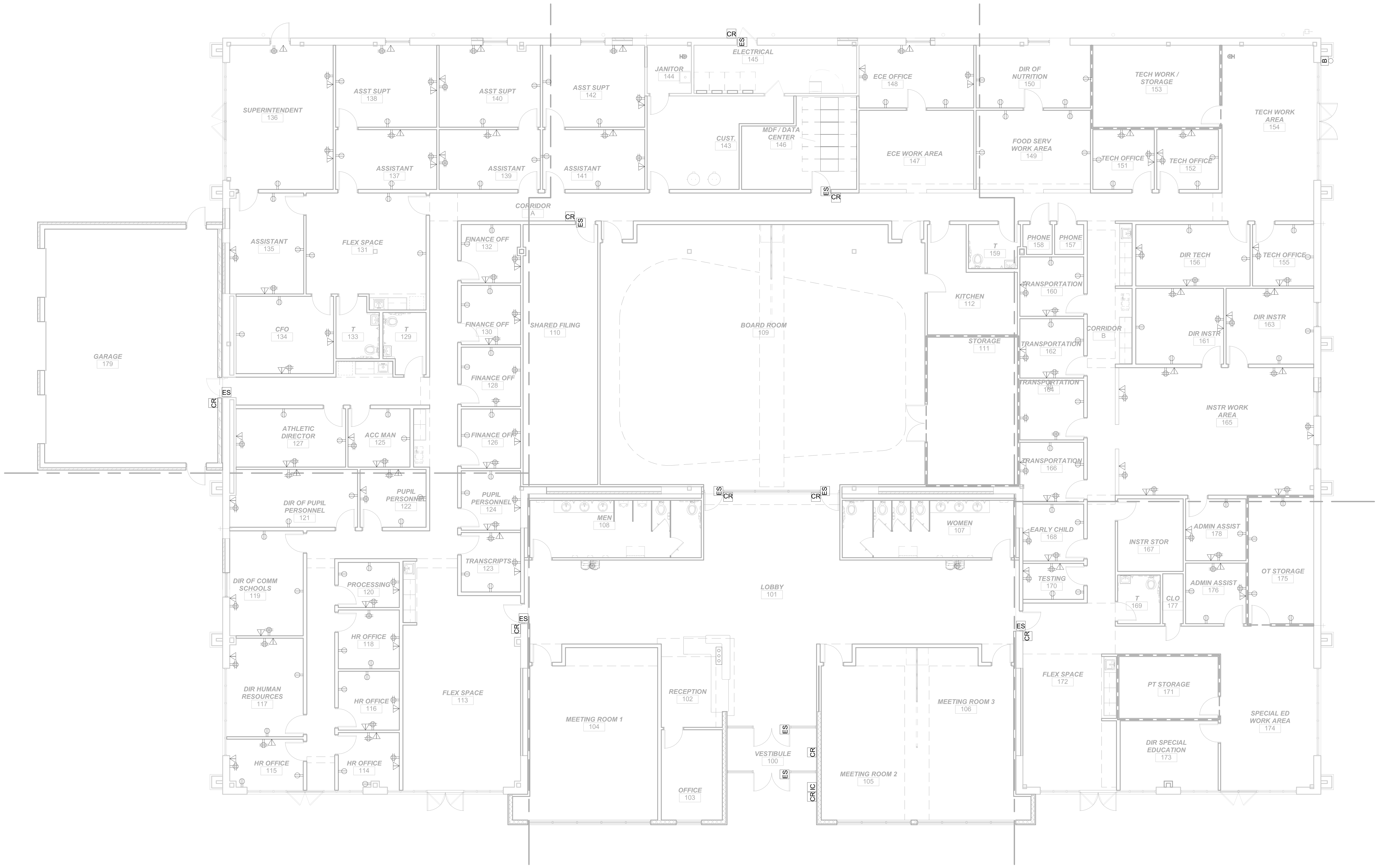
No.	Description	Date

SHEET

E1.1

ELECTRICAL CONSTRUCTION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)



PLAN NORTH

POWER AND SPECIAL SYSTEMS FLOOR PLAN

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

SHERMAN CARTER BARNHART ARCHITECTS

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HOPKINS COUNTY BOARD OFFICE RENOVATION

2135 NORTH MAIN STREET
MADISONVILLE KY

POWER FIRST FLOOR PLAN

JOB NO.	22632
DATE	10/04/2024
DRAWN	Author
CHECKED	Checker

REVISIONS

No.	Description	Date

SHEET

E1.2