



NOBLESVILLE SCHOOLS

ENGAGE | INSPIRE | EMPOWER

NOBLESVILLE HIGH SCHOOL SOFTBALL LOCKER ROOM BUILDING

100% CONSTRUCTION DOCUMENTS

18111 Cumberland Rd, Noblesville, IN 46060

JANUARY 10, 2025

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ARCHITECT

8831 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net

MECHANICAL/ELECTRICAL/PLUMBING ENGINEER

732 N Capitol Avenue, Indianapolis, IN 46204
317.634.4672 | redimond.com

STRUCTURAL ENGINEER

550 Virginia Avenue, Indianapolis, IN 46203
317.423.1550 | lhb-eng.com

CIVIL ENGINEER

530 E. Ohio Street, Suite G, Indianapolis, IN 46204
317.655.7777 | cecinc.com

LANDSCAPE ARCHITECT

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NOBLESVILLE SCHOOLS



NOBLESVILLE HIGH SCHOOL
SOFTBALL LOCKER ROOM BUILDING

18111 Cumberland Rd, Noblesville, IN 46060

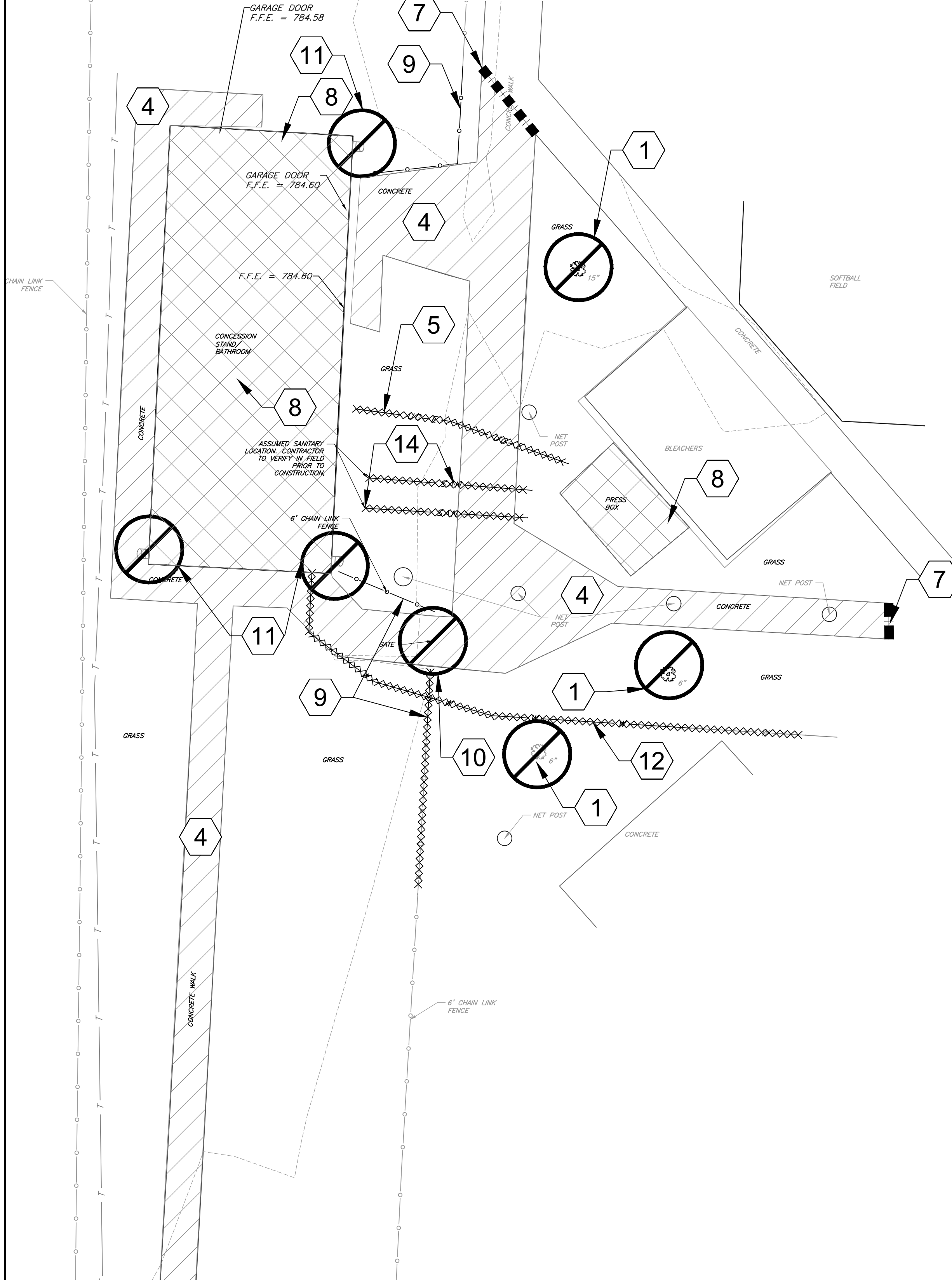
SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design, concept, the dimensions of the building, the major structural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for performance and completion of the requirements of the contract.
On the basis of the general scope indicated or described, the subs-contractors shall furnish all items required for the proper execution and completion of the work.

NOBLESVILLE HIGH SCHOOL
SOFTBALL LOCKER ROOM BUILDING
100% CONSTRUCTION DOCUMENTS
JANUARY 10, 2025

2024079



MATCHLINE B - SEE SHEET C112



MATCHLINE A - SEE SHEET C111

- GENERAL DEMOLITION NOTES:**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OFF-SITE OF ALL ITEMS SHOWN ON THE DEMOLITION PLAN INCLUDING ITEMS ENCOUNTERED DURING EXCAVATION OF BUILDING FOUNDATIONS AND UTILITY PLACEMENT.
 2. PRIOR TO STARTING DEMOLITION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY LOCAL GOVERNMENTAL AGENCIES.
 3. THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY COMPANIES FOR THE DISCONNECTION AND REMOVAL OF SERVICES TO EXISTING STRUCTURES.
 4. ITEMS SHOWN ON THE DEMOLITION PLAN TO BE SALVAGED SHALL BE TRANSPORTED TO LOCATION SPECIFIED BY THE OWNER OR HIS/HER REPRESENTATIVE.
 5. ITEMS OF SALVAGEABLE VALUE TO THE CONTRACTOR MAY BE REMOVED WITH THE OWNER OR HIS/HER REPRESENTATIVE'S PERMISSION. THE CONTRACTOR SHALL NOT STORE THESE ITEMS ON SITE.
 6. THE CONTRACTOR MAY NOT USE EXPLOSIVES OR BURN DEBRIS.
 7. CONDUCT DEMOLITION OPERATIONS TO ENSURE MINIMAL INTERFERENCE WITH ROADS, SIDEWALKS AND ANY OTHER ADJACENT OCCUPIED FACILITIES.
 8. DO NOT CLOSE OR OBSTRUCT ROADS, SIDEWALKS OR ANY OTHER OCCUPIED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITY HAVING JURISDICTION AND/OR PROPERTY OWNERS.
 9. THE CONTRACTOR SHALL ENSURE SAFE PASSAGE OF PERSON TRAVERING THROUGH OR AROUND THE CONSTRUCTION SITE.
 10. THE CONTRACTOR SHALL PROTECT FROM DAMAGE, SURROUNDING STRUCTURES, UTILITIES AND OTHER FACILITIES DURING DEMOLITION AND REMOVAL OPERATIONS.
 11. BUILDING STRUCTURES INCLUDING FOUNDATIONS OR BASEMENTS SHALL BE REMOVED AND BACKFILLED WITH APPROVED BACKFILL MATERIAL. BACKFILL MATERIAL SHALL BE PLACED IN MAXIMUM EIGHT INCH LIFTS AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT OR A MINIMUM OF 95% OF A STANDARD PROCTOR.
 12. UTILITIES SHALL BE REMOVED AND BACKFILLED WITH APPROVED BACKFILL MATERIAL. BACKFILL MATERIAL SHALL BE PLACED IN MAXIMUM EIGHT INCH LIFTS AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT OR A MINIMUM OF 95% OF A STANDARD PROCTOR.
 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE CONSTRUCTION SITE AND SURROUNDING AREAS ARE FREE OF ACCUMULATED DEBRIS.

- DEMOLITION LEGEND:**
- CONCRETE CURB TO BE REMOVED
 - EXISTING UTILITY TO BE REMOVED
 - PAVEMENT TO BE REMOVED
 - EXISTING BUILDING/STRUCTURE TO BE REMOVED
 - MISC. ITEM TO BE REMOVED
 - SAWCUT EXISTING PAVEMENT

- DEMOLITION ITEMS:**
1. REMOVE EXISTING TREE COMPLETE; DISPOSE OF OFF SITE. COORDINATE WITH "L" SERIES PLANS. FOR ANY DISCREPANCIES WITH PLANNING PRESERVATION/REMOVAL, THE "L" SERIES SHALL SUPERSEDE.
 2. REMOVE EXISTING STORM PIPE COMPLETE; DISPOSE OF OFF SITE.
 3. REMOVE CONCRETE CURB COMPLETE & ASPHALT PATCH; DISPOSE OF OFF SITE.
 4. REMOVE EXISTING CONCRETE COMPLETE; DISPOSE OF OFF SITE.
 5. REMOVE EXISTING UNDERGROUND ELECTRIC IN CONFLICT WITH NEW BUILDING. RE-ROUTE AT HANDHOLE. COORDINATE WITH "L" SERIES PLANS.
 6. REMOVE EXISTING ELECTRICAL OUTLET COMPLETE; DISPOSE OF OFF SITE. COORDINATE WITH UTILITY PROVIDER.
 7. PAVEMENT SAWCUT. SAWCUT CONCRETE AT NEAREST EXISTING JOINT.
 8. REFER TO ARCHITECTURAL PLANS FOR SCOPE OF EXISTING BUILDING REMOVAL; DISPOSE OF DEMOLISHED MATERIALS OFF SITE.
 9. REMOVE EXISTING FENCE COMPLETE; DISPOSE OF OFF SITE.
 10. REMOVE EXISTING GATE COMPLETE; DISPOSE OF OFF SITE.
 11. REMOVE EXISTING STORMWATER DOWNSPOUTS COMPLETE; DISPOSE OF OFF SITE.
 12. REMOVE EXISTING WATER LINE COMPLETE; DISPOSE OF OFF SITE. COORDINATE WITH UTILITY PROVIDER.
 13. REMOVE EXISTING NET POST COMPLETE; DISPOSE OF OFF SITE.
 14. REMOVE EXISTING SANITARY LINE COMPLETE; DISPOSE OF OFF SITE. COORDINATE WITH UTILITY PROVIDER.
 15. REMOVE EXISTING SANITARY CLEANOUT COMPLETE; DISPOSE OF OFF SITE. COORDINATE WITH UTILITY PROVIDER.
 16. REMOVE EXISTING ASPHALT COMPLETE; DISPOSE OF OFF SITE.

- LEGEND:**
- EXISTING INDEX CONTOUR
 - EXISTING INTERMEDIATE CONTOUR
 - EXISTING CHAINLINK FENCE LINE
 - EXISTING WATER LINE
 - EXISTING UNDERGROUND TELEPHONE
 - EXISTING FIBER OPTIC LINE
 - EXISTING UNDERGROUND ELECTRIC
 - EXISTING SANITARY SEWER LINE
 - EXISTING STORM SEWER LINE
 - EXISTING TREE LINE
 - EXISTING FLOW LINE

- LEGEND:**
- TBM
 - ELEC. LIGHT POLE, PULL BOX, POWER POLE, UTILITY POLE, GUY WIRE, ELEC. TRANSFORMER
 - WATER MANHOLE, IRRIGATION CONTROL BOX, WATER TAP, WATER METER, FIRE HYDRANT, FV VALVE, FIRE DEPT. CONNECTION, WATER VALVE
 - ELECTRIC MANHOLE, TELEPHONE PEDestal, CABLE PEDestal, FIBER OPTIC PULL BOX
 - BEEHIVE INLET, CURB INLET, RECESSED CURB INLET, DOWNSPOUT, SQUARE STORM INLET, CIRCULAR STORM INLET, DRAINAGE MANHOLE
 - UNKNOWN MANHOLE, CLEANOUT, SANITARY MANHOLE
 - MAIL BOX, SIGN, AIR COND., ADA SYMBOL, BOLLARD
 - DECIDUOUS TREE, CONIFEROUS TREE, BUSH
 - EXISTING SPOT ELEVATION

UTILITY NOTE:

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. INDIANAN 811 ONE-CALL PUBLIC UTILITY LOCATE SERVICE TICKET NUMBERS 2408290462, 2408286563 AND 2408290347 WERE ISSUED FOR THIS SITE. AMERICAN LOCATING SERVICES, A PRIVATE SUBSURFACE UTILITY LOCATING SERVICE, WAS CONTRACTED TO PERFORM THE PRIVATE UTILITY LOCATIONS FOR THE SUBJECT SITE. THE PRIVATE UTILITIES LOCATED AND DEPICTED HEREIN WERE EITHER OBSERVED FROM MARKINGS ON THE GROUND OR USING EXISTING PLANS.

PRIOR TO ANY EXCAVATION FOR UNDERGROUND UTILITIES, THE CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL EXISTING UTILITIES INCLUDING BUT NOT LIMITED TO GAS, WATER, AND SANITARY SEWER. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND THE APPROPRIATE AUTHORITIES.

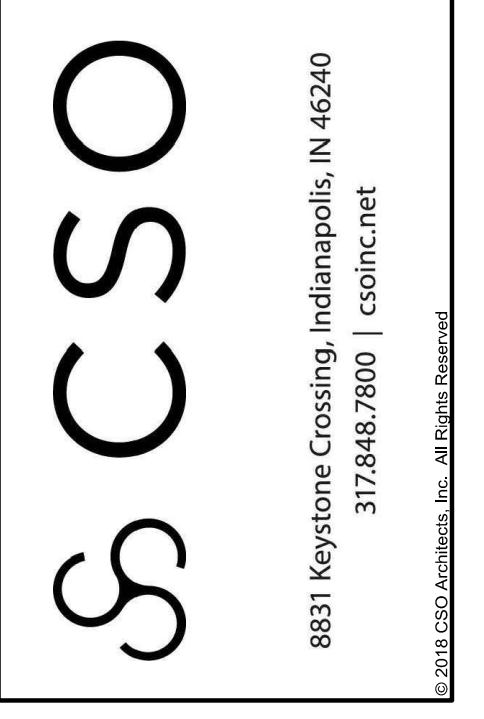
BENCHMARKS:

UNLESS OTHERWISE NOTED, ELEVATIONS SHOWN HEREON ARE BASED UPON AN OPUS SOLUTION AND ARE ON THE 1988 NORTH AMERICAN VERTICAL DATUM (NAV88 (GEOID 18)). IT IS MY OPINION THAT THE UNCERTAINTY IN THE ELEVATION OF THE PROJECT BENCHMARK DOES NOT EXCEED 0.10 FOOT.

TBM1: MAG NAIL IN A CONCRETE WALK LOCATED APPROXIMATELY 20' EAST OF THE BATTING CAGE AND 170' NORTH OF THE PRESS BOX AT THE HIGH SCHOOL SOFTBALL FIELDS. ELEV. = 783.84

TBM2: MAG NAIL IN THE NORTHEAST CORNER OF THE NORTH END OF AN ASPHALT PATH LOCATED EAST OF THE CELL TOWER. ELEV. = 774.92

TBM3: MAG NAIL ON THE SOUTH EDGE OF A CONCRETE WALK LOCATED NORTH OF THE MIDDLE SCHOOL TRACK AND APPROXIMATELY 60' WEST OF THE ASPHALT PATH TO THE NORTHEAST CORNER OF SAID TRACK. ELEV. = 775.11



PROJECT:

**NOBLESVILLE SCHOOLS
NOBLESVILLE HIGH SCHOOL
CONCESSION BUILDINGS**

FIELD DR., NOBLESVILLE, IN 46060

SCOPE DRAWINGS:

These drawings include the general scope of the project in terms of architectural design, layout, the dimensions of the building, the major structural elements and the type of building materials and details. The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract. No portion of the drawings shall be relied upon for the proper installation and construction of the work.

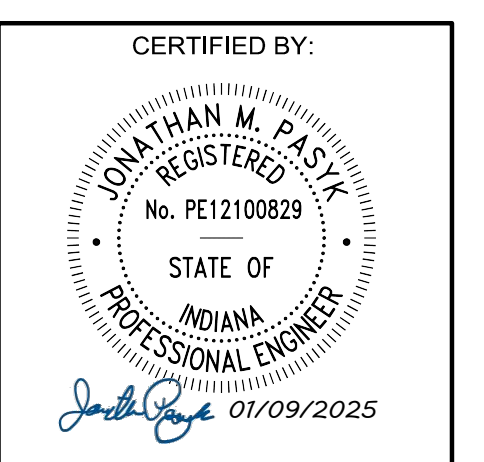
REVISIONS:

01/17/2025 - ADDENDUM #01

ISSUE DATE	DRAWN BY	CHECKED BY
01/09/25	SRD	JMP

DRAWING TITLE:

DEMO PLAN



DRAWING NUMBER

C110

PROJECT NUMBER

DRAFT



MATERIAL KEYNOTES	
KEY	DESCRIPTION / REFERENCE
C01	CURB, POST REFER TO SITE DETAIL 7/L600 AND SPECIFICATIONS
C02	CURB, INTEGRAL REFER TO SITE DETAIL 8/L600 AND SPECIFICATIONS
C03	CURB, ROLL REFER TO SITE DETAIL 9/L600 AND SPECIFICATIONS
C04	WHEEL STOP REFER TO SITE DETAIL 1/L601 AND SPECIFICATIONS

FENCING	
KEY	DESCRIPTION / REFERENCE
F01	6' HEIGHT, BLACK PVC COATED CHAINLINK FENCING; REFER TO SPECIFICATIONS
F02	20' OPENING WITH 17' WIDE GATE, BLACK ORNAMENTAL FENCE AND GATE; REFER TO SPECIFICATIONS
F03	5' WIDE SINGLE-LEAF GATE, BLACK PVC COATED CHAINLINK FENCING; REFER TO SPECIFICATIONS

MATERIAL KEYNOTES	
KEY	DESCRIPTION / REFERENCE
P01	ASPHALT, PATCHBACK REFER TO SITE DETAIL 4/L600 AND SPECIFICATIONS
P02	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 1-3/L600 AND SPECIFICATIONS

RAMPS & STAIRS	
KEY	DESCRIPTION / REFERENCE
R01	PARALLEL RAMP REFER TO SITE DETAIL 4/L601 AND SPECIFICATIONS

SIGNAGE	
KEY	DESCRIPTION / REFERENCE
S01	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 3/L601 AND SPECIFICATIONS
S02	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 2/L601 AND SPECIFICATIONS

PLANTING	
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA / SEED ALL DISTURBED AREAS



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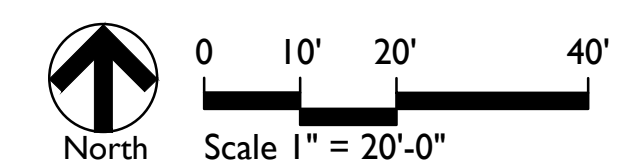


Construction Documents
NOBLESVILLE SCHOOLS OUT BUILDINGS
Noblesville, Indiana
MATERIALS & NOTES PLAN

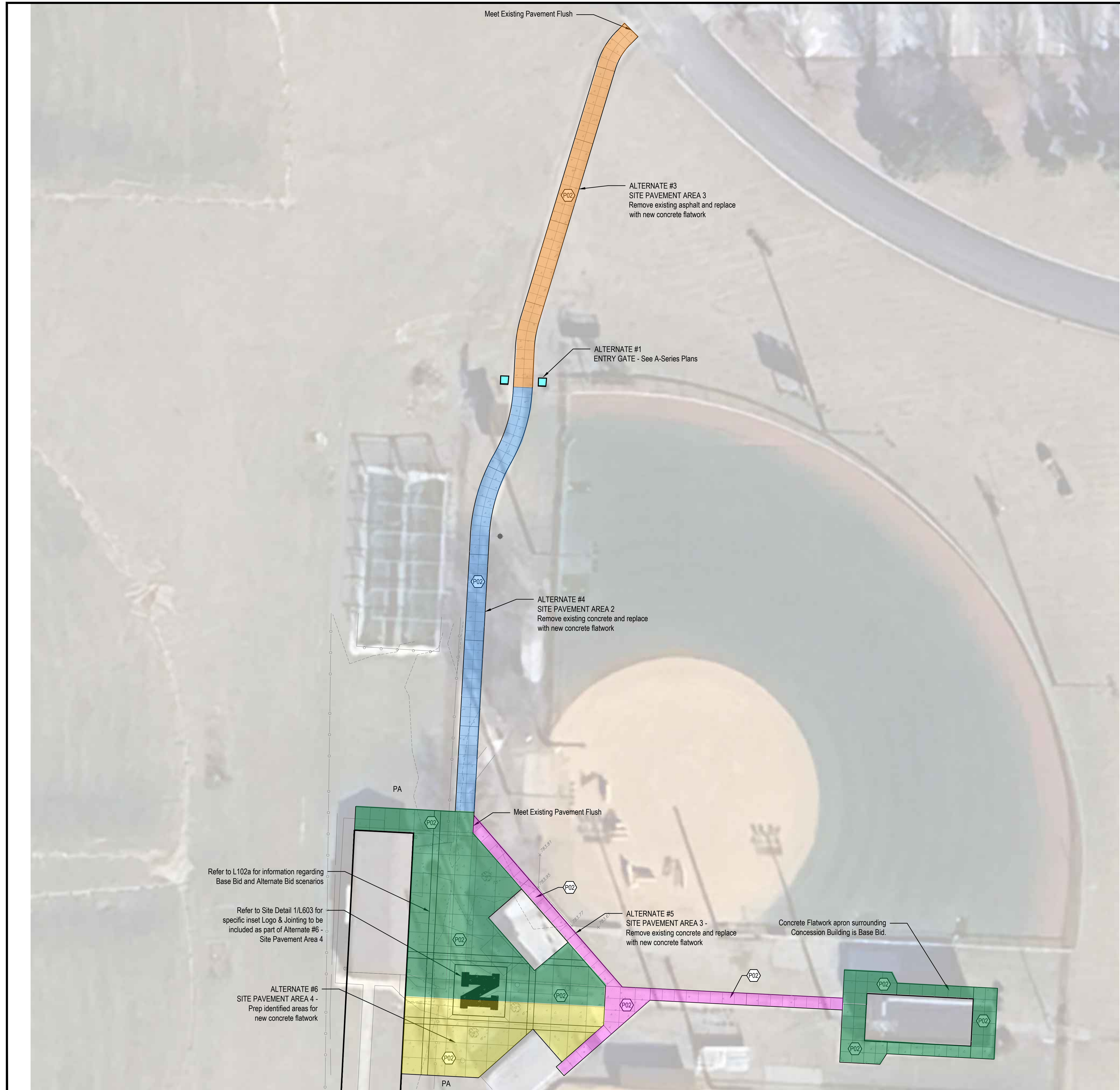
Revision	Date	Description
01	2025-01-17	Addendum #1 Updates

Date: 2025/01/10
Project No: 24-1838
Drawn by: SS
Checked by: FP

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Sheet No:
L102



MATERIAL KEYNOTES	
KEY	DESCRIPTION / REFERENCE
(C01)	CURB, POST REFER TO SITE DETAIL 7/L600 AND SPECIFICATIONS
(C02)	CURB, INTEGRAL REFER TO SITE DETAIL 8/L600 AND SPECIFICATIONS
(C03)	CURB, ROLL REFER TO SITE DETAIL 9/L600 AND SPECIFICATIONS
(C04)	WHEEL STOP REFER TO SITE DETAIL 1/L601 AND SPECIFICATIONS

FENCING	
KEY	DESCRIPTION / REFERENCE
(F01)	6' HEIGHT, BLACK PVC COATED CHAINLINK FENCING; REFER TO SPECIFICATIONS
(F02)	20' OPENING WITH 17' WIDE GATE, BLACK ORNAMENTAL FENCE AND GATE; REFER TO SPECIFICATIONS
(F03)	5' WIDE SINGLE-LEAF GATE, BLACK PVC COATED CHAINLINK FENCING; REFER TO SPECIFICATIONS

MATERIAL KEYNOTES	
KEY	DESCRIPTION / REFERENCE
(P01)	ASPHALT, PATCHBACK REFER TO SITE DETAIL 4/L600 AND SPECIFICATIONS
(P02)	CONCRETE, STANDARD DUTY REFER TO SITE DETAIL 1-3/L600 AND SPECIFICATIONS

RAMPS & STAIRS	
KEY	DESCRIPTION / REFERENCE
(R01)	PARALLEL RAMP REFER TO SITE DETAIL 4/L601 AND SPECIFICATIONS

SIGNAGE	
KEY	DESCRIPTION / REFERENCE
(S01)	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 3/L601 AND SPECIFICATIONS
(S02)	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 2/L601 AND SPECIFICATIONS

PLANTING	
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA / SEED ALL DISTURBED AREAS



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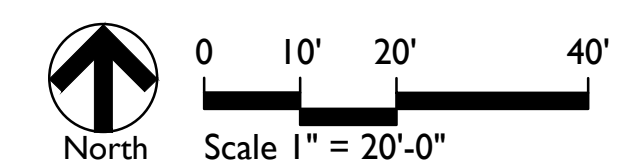


Construction Documents
NOBLESVILLE SCHOOLS OUT BUILDINGS
Noblesville, Indiana
SITE ALTERNATE DIAGRAMMING

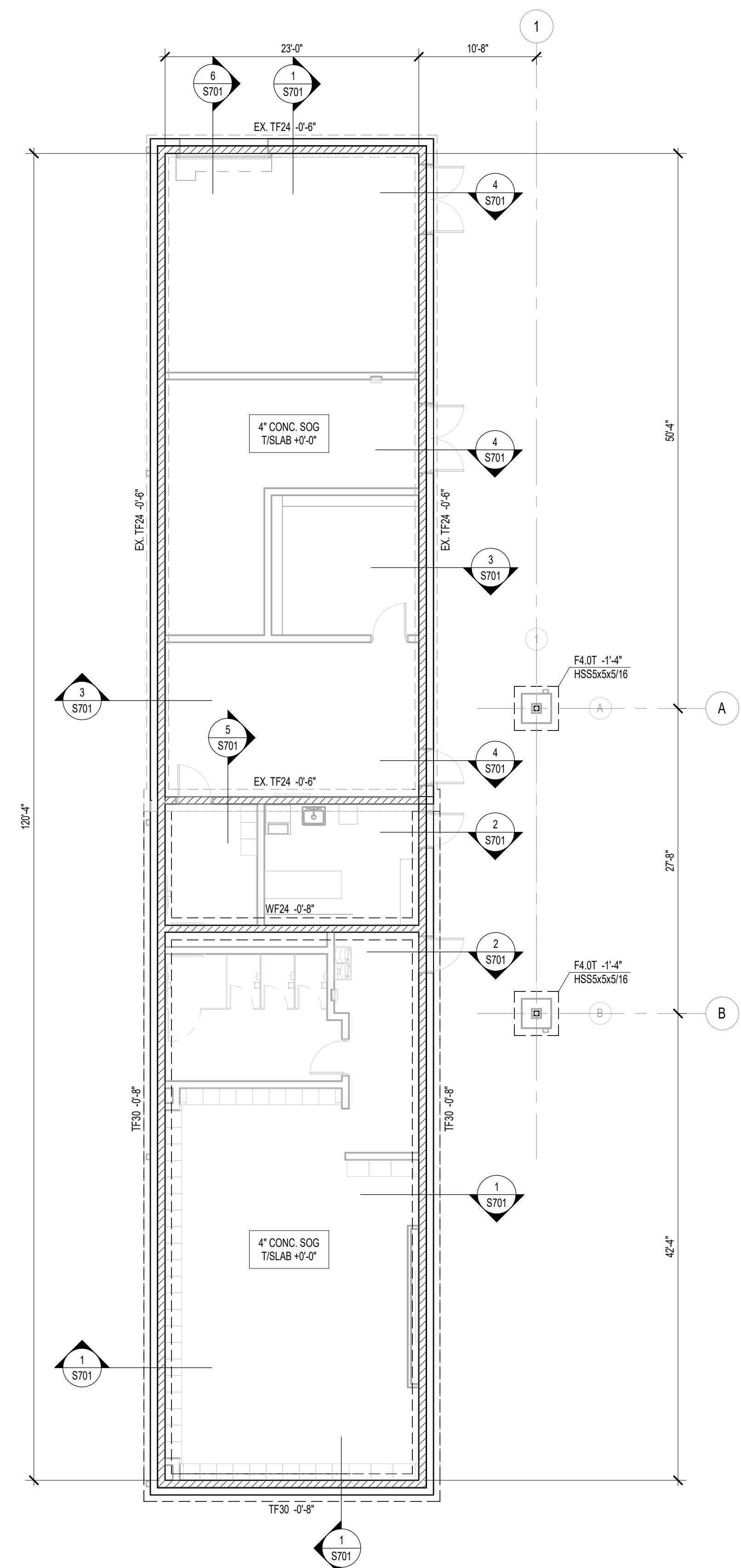
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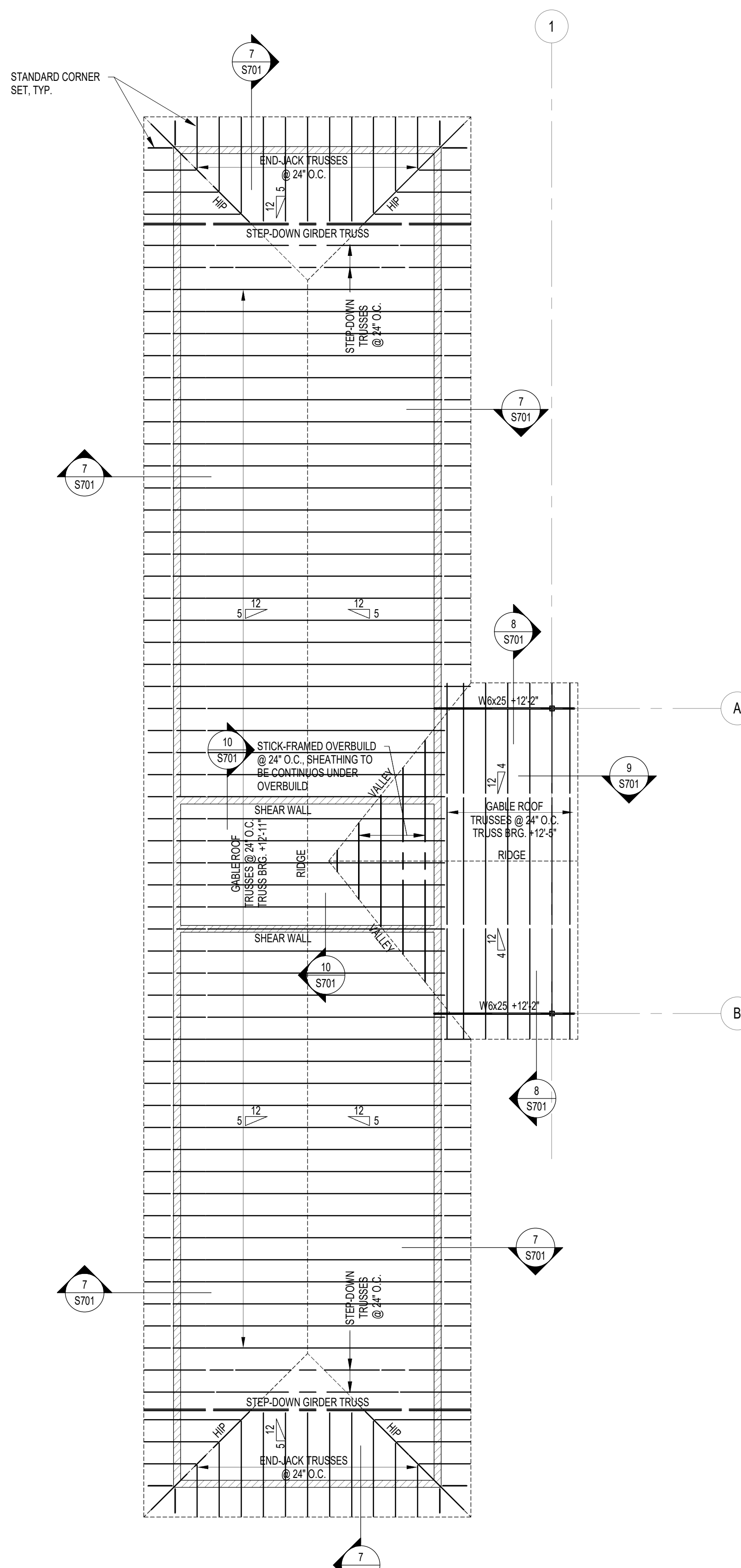
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Sheet No:
L102a



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



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

WALL FOOTING SCHEDULE

FTG. MARK	FOOTING SIZE			FOOTING REINFORCING	
	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE	
WF24	2'-0"	1'-0"	(2) #5 x CONTINUOUS	#4 x 1'-0" @ 96" O.C.	
TF30	2'-0"	2'-0"	(3) #5 x CONTINUOUS TAB	#4 x 2'-0" @ 96" O.C. TAB	

NOTES:
 1. CENTER FOOTINGS BENEATH WALLS, U.N.O.
 2. REF. DETAIL #5401 FOR TYP. CONSTRUCTION JOINT DETAIL.
 3. LAP FOOTING REINF. A MIN. OF 30 BAR DIAMETERS.
 4. PROVIDE BOTH TOP & BOTTOM REINF. AT FOOTINGS DENOTED WITH SUFFIX 'T' ON PLAN.

COLUMN FOOTING SCHEDULE

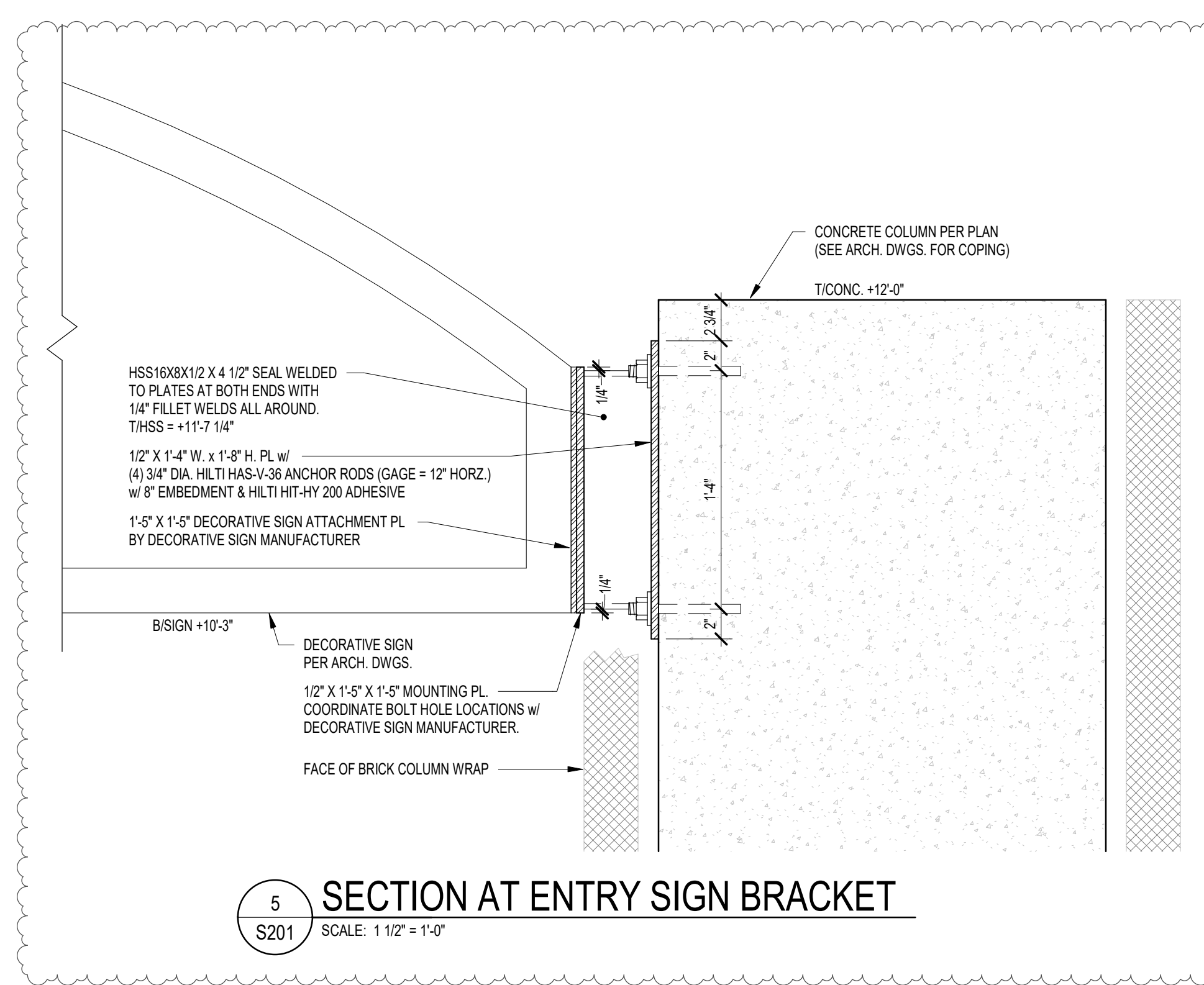
FOOTING MARK	FOOTING SIZE			REINFORCING (EACH WAY, U.N.O.)
	WIDTH	LENGTH	DEPTH	
F4.0T	4'-0"	4'-0"	2'-0"	(4) #5 x 3'-0" TAB
F6.0T	6'-0"	6'-0"	2'-4"	(6) #6 x 5'-0" TAB

NOTES:
 1. CENTER FOOTINGS BENEATH COLUMNS, U.N.O.
 2. ALL FOOTINGS MUST BE BOARD-FORMED, UNLESS APPROVED.
 3. INCREASE FOOTING DEPTH WHERE REQUIRED TO ENCASE COLUMN ANCHOR RODS.
 4. PROVIDE BOTH TOP & BOTTOM REINF. AT FOOTINGS WITH SUFFIX 'T'.

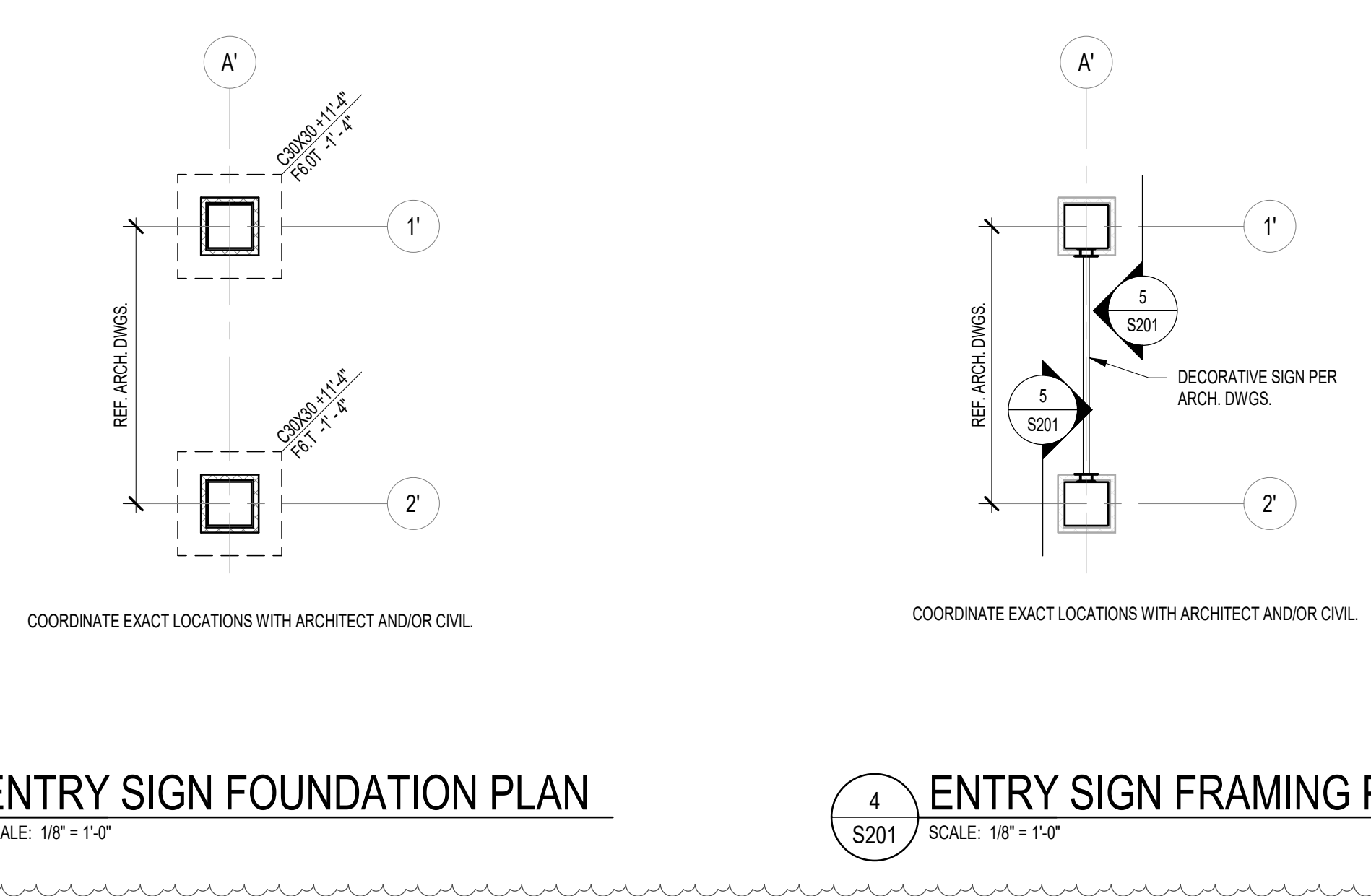
CONCRETE COLUMN SCHEDULE

COLUMN MARK	COLUMN SIZE	COLUMN REINFORCING			
		VERTICALS	TIES-SIZE & SPA.	T/COLUMN	T/FOOTING
C30x30	2'-0" x 2'-0"	(12) #8	#4 @ 12" O.C.	PER PLAN	PER PLAN

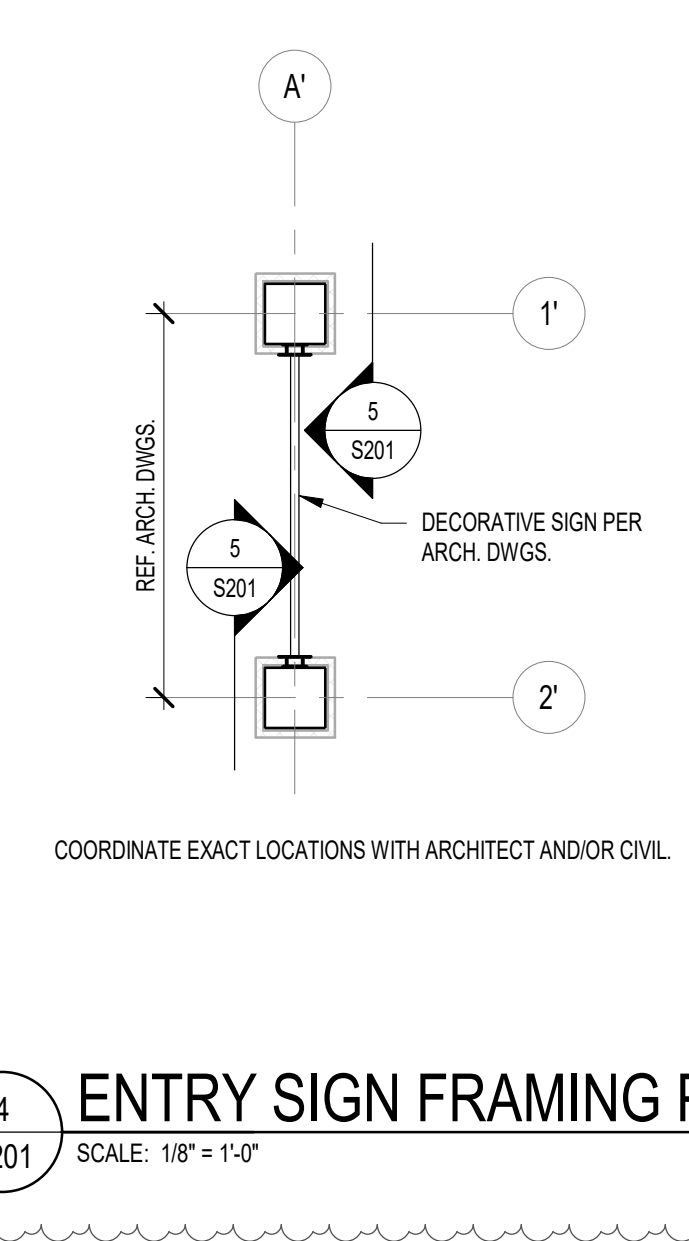
NOTES:
 1. PROVIDE MIN. 1 1/2" CLEAR TO COLUMN TIES.
 2. FIRST TIE SETS TO BE LOCATED 1/2 SPACE ABOVE FOOTING.
 3. PROVIDE DOWEL BARS TO MATCH SIZE AND QUANTITY OF COLUMN VERTICAL BARS. DOWEL BARS TO HAVE ACI STD HOOK AND 20" MIN EMBEDMENT IN FOOTING. LAP DOWEL BARS TO COLUMN VERTICAL BARS 60".



5 SECTION AT ENTRY SIGN BRACKET
SCALE: 1 1/2" = 1'-0"



3 ENTRY SIGN FOUNDATION PLAN
SCALE: 1/8" = 1'-0"




4 ENTRY SIGN FRAMING PLAN
SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES

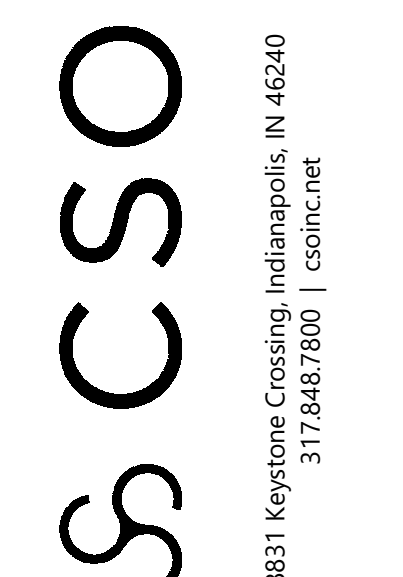
- REF. S001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. THE S400 SERIES FOR TYPICAL FOUNDATION AND MASONRY DETAILS.
- ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". VERIFY ELEVATION WITH CIVIL DWGS.
- ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
- REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FDN. WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
- NOTE:** PERIMETER FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E.G., SANITARY & STORM LINES, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S401.
- ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
- PROVIDE CMU REINFORCING AS NOTED ON PLANS & SECTIONS. IF NOT SHOWN ELSEWHERE, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" OC. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS. AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" OC MAX VERTICAL SPACING), PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
- COORDINATE REINFORCING DOVELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
- GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION.
- PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS.
- ALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D. TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S402.
- PROVIDE CONTROL CONTRACTION JOINTS IN SLABS ON GRADE REF. TYPICAL DETAILS ON S401. ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS. EPoxy OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO CMU SLABS.
- EARTH-FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (I.E. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING AND SLOUGHING). HOWEVER, THE PLAN DIMENSION OF EARTH-FORMED FOOTINGS MUST BE INCREASED BY 2" ALONG ALL EDGES TO ACCOUNT FOR INACCURACIES ASSOCIATED WITH EARTH-FORMING (I.E. 2'-0" WIDE WALL FOOTINGS SHALL BE 2'-4" WIDE AND 5'-0" SQUARE COLUMN FOOTINGS SHALL BE 5'-4" SQUARE).
- REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DWGS. AND SHALL BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS, IMMEDIATELY CONTACT THE ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH WORK.

FRAMING PLAN NOTES

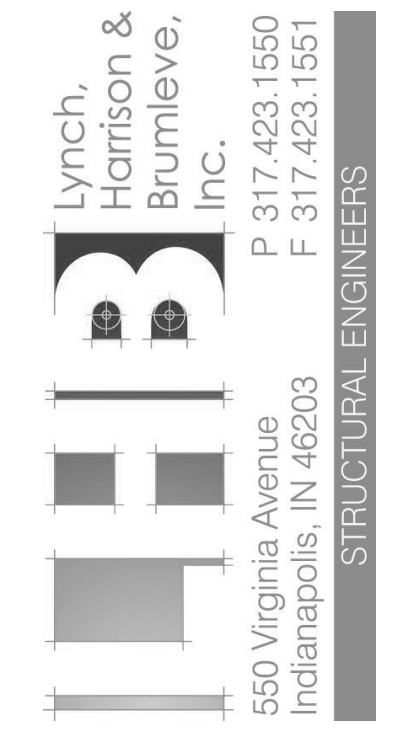
- REF. S001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
- ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". VERIFY ELEVATION WITH CIVIL DWGS.
- ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
- REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTORS. LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
- ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
- PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" OC. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS. AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING), PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
- ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM UNITS OVER OPENINGS, SHALL BE OPEN-CORE BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
- REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.



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STRUCTURAL ENGINEERS

NOBLESVILLE HIGH SCHOOL SOFTBALL LOCKER ROOM BUILDING
18111 Cumberland Rd., Noblesville, IN 46060

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. The contractor shall coordinate the placement of structural, mechanical and electrical systems with the other disciplines. The contractor shall be responsible for the coordination of all systems and for the completion of the drawings. The contractor shall be responsible for the completion of the drawings. The contractor shall be responsible for the completion of the drawings.

REVISIONS:

NO.	DESCRIPTION	DATE
1	Addendum 1	1/17/2025

ISSUE DATE	DRAWN BY	CHECKED BY
12/20/2024	MDL	MDL

DRAWING TITLE:
FOUNDATION & ROOF FRAMING PLANS

CERTIFIED BY:
MARK D. LAY
REGISTERED PROFESSIONAL ENGINEER
STATE OF INDIANA
PE19400114

DRAWING NUMBER:
S201

PROJECT NUMBER:
2024079



NOBLESVILLE SCHOOLS



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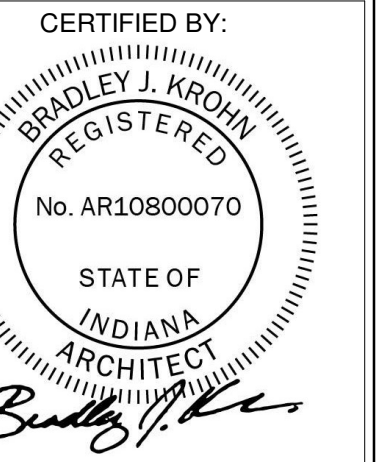
PROJECT: NOBLESVILLE HIGH SCHOOL
SOFTBALL LOCKER ROOM BUILDING
18111 Cumberland Rd., Noblesville, IN 46060

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. It is the contractor's responsibility to verify the accuracy of all information, including but not limited to, the location of existing structures, utilities, and other site conditions. The contractor shall be responsible for obtaining all necessary permits and approvals for the project. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
1 ADDENDUM #1 01/17/25

ISSUE DATE 01/10/25
DRAWN BY MEW
CHECKED BY NW

DRAWING TITLE:
FLOOR PLAN
AND ROOF PLAN



DRAWING NUMBER
A201

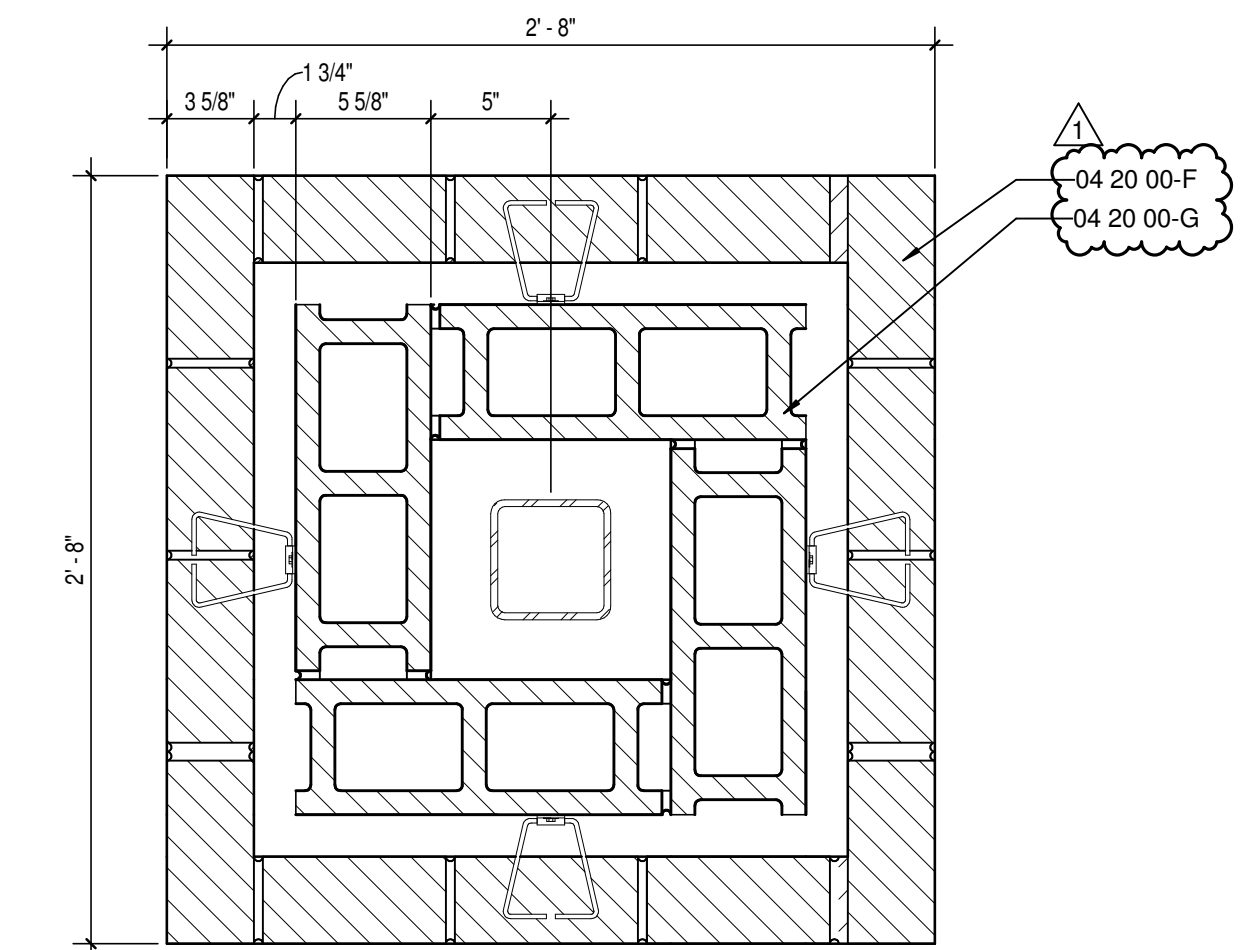
PROJECT NUMBER
2024079

ROOF PLAN NOTES

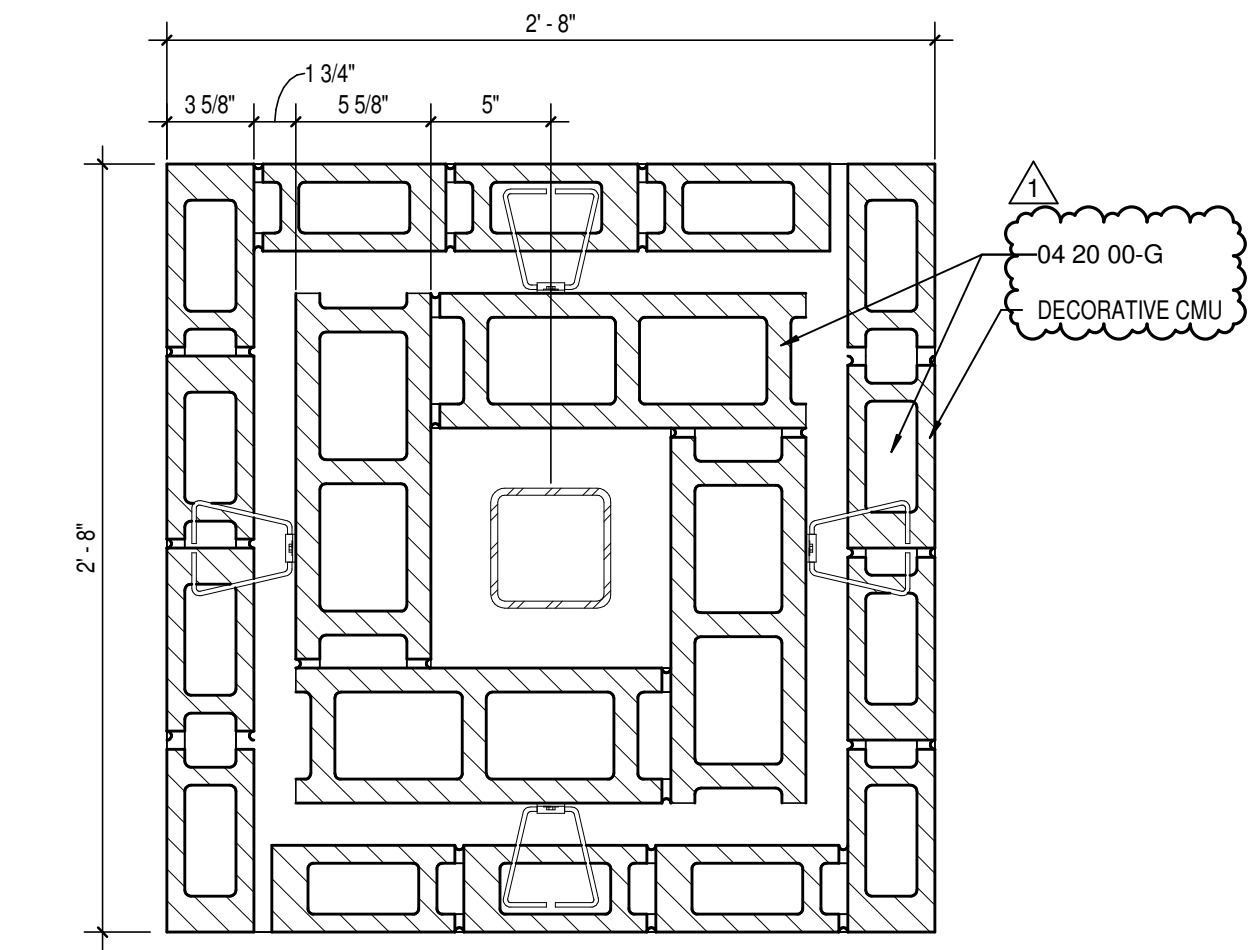
1. OUTLINE OF BUILDING BELOW.
2. RIDGE VENT.
3. ASPHALT SHINGLE ROOF.
4. PREMANUFACTURED GUTTER.

PLAN NOTES

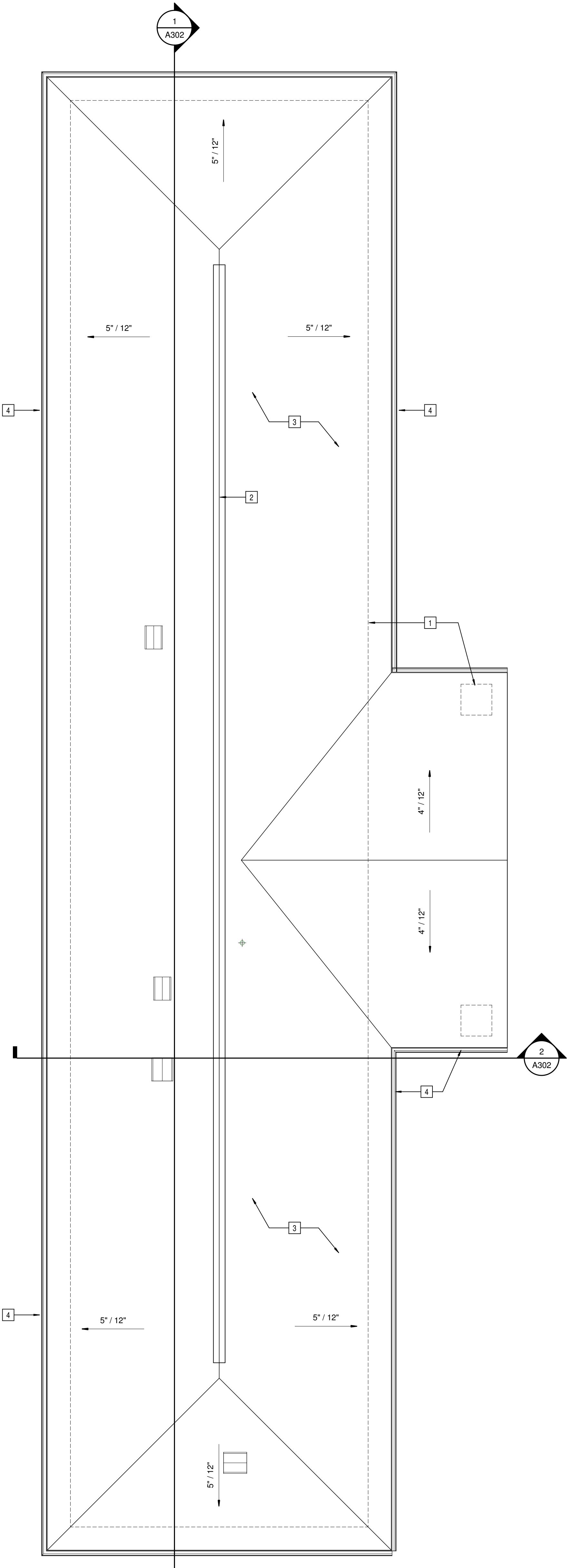
1. RADIUS OF SOLID SURFACE TO MATCH BULLNOSE CORNER OF CMU BELOW.
2. MOP SINK.
3. DO NOT FINISH AT EXPOSED CORNER OF CMU WALLS.
4. MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS.
5. DECORATIVE ALUMINUM LOUVER-STYLE FENCE. SEE SPECIFICATIONS.



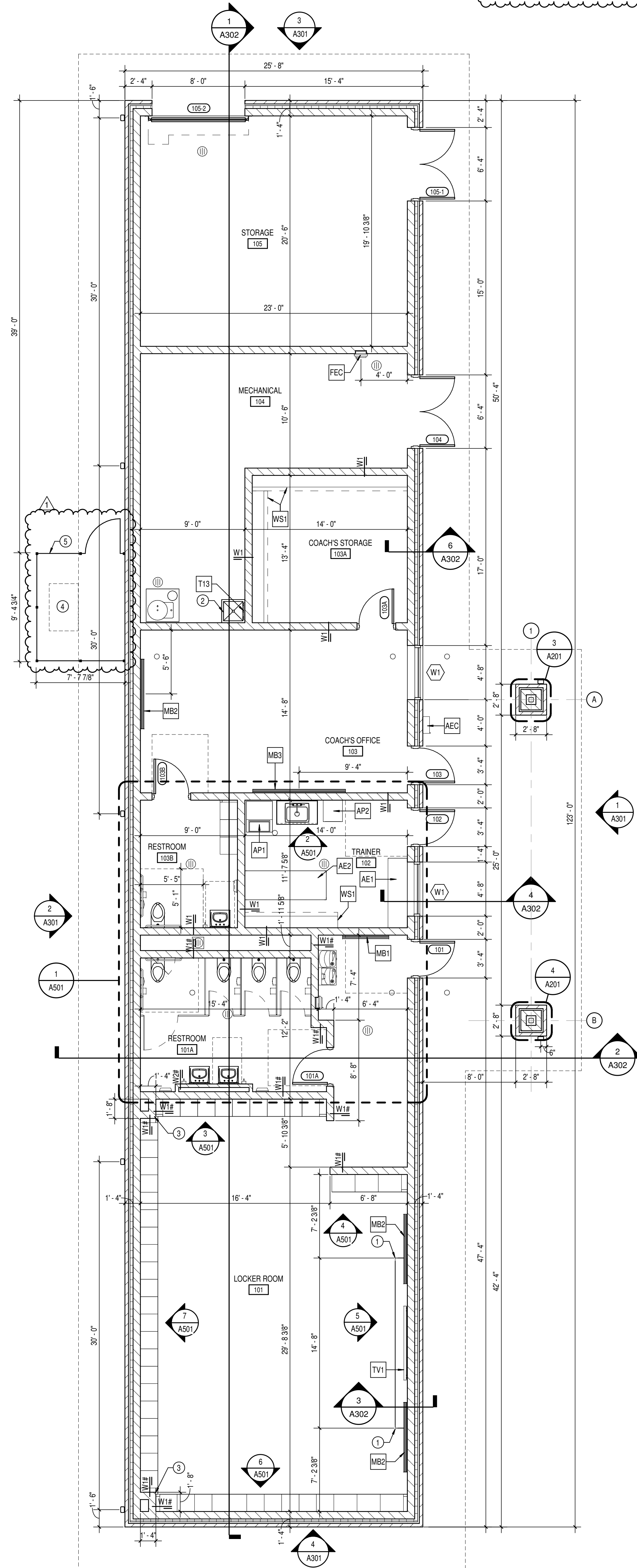
4 COLUMN PLAN DETAIL - HIGH
A201 SCALE: 1 1/2" = 1'-0"



3 COLUMN PLAN DETAIL - LOW
A201 SCALE: 1 1/2" = 1'-0"



2 OVERALL ROOF PLAN
A201 SCALE: 3/16" = 1'-0"



1 GROUND FLOOR PLAN
A201 SCALE: 3/16" = 1'-0"

LIFE SAFETY INFORMATION

- INDIANA BUILDING CODE - 2014
- (2012 INTERNATIONAL BUILDING CODE & STATE AMENDMENTS)
- INDIANA FIRE CODE - 2014
- (2012 INTERNATIONAL FIRE CODE & STATE AMENDMENTS)
- INDIANA ELECTRICAL CODE - 2008
- (2008 NATIONAL ELECTRICAL CODE & STATE AMENDMENTS)
- INDIANA MECHANICAL CODE - 2014
- (2012 INTERNATIONAL MECHANICAL CODE & STATE AMENDMENTS)
- INDIANA PLUMBING CODE - 2012
- (2006 INTERNATIONAL PLUMBING CODE & STATE AMENDMENTS)
- INDIANA ACCESSIBILITY CODE - 2014 (I.C. CHAP. 11 (ANSI 117.1-2009))
- INDIANA ENERGY CONSERVATION CODE - 2011 (ASHRAE 90.1, 2007 EDITION)
- NFPA 10 - 2010 EDITION, PORTABLE FIRE EXTINGUISHERS
- INDIANA GENERAL ADMINISTRATIVE RULES (675 IAC 12)
- AMERICANS WITH DISABILITIES ACT (FEDERAL LAW) JULY 26, 1992

BUILDING INFORMATION

NET/TOTAL AREA: 3,157 SQUARE FEET
BUILDING CONSTRUCTION TYPE: V-B, NON SPRINKLERED
BUILDING USE GROUP CLASSIFICATION: B

GENERAL NOTES

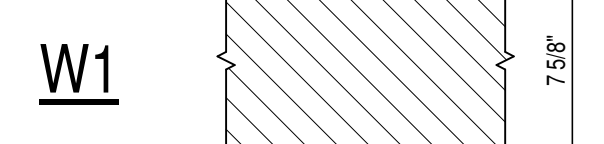
- COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
- ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE BEST QUALITY STANDARDS OF THE TRADE, AND SHALL CONFORM WITH THE LATEST EDITION OF ALL FEDERAL, STATE, AND LOCAL CODES AND STANDARDS. THE SAME ARE TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
- CONSTRUCTION DOCUMENTS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE. HOWEVER, SYSTEMS HAVE BEEN SHOWN DIAGRAMMATICALLY AND IN SOME CASES, ENLARGED FOR CLARITY. PROVIDE ADDITIONAL ITEMS AS REQUIRED TO PROVIDE A COMPLETE AND COORDINATED SYSTEM.
- CONTRACTOR SHALL PROVIDE ANY AND ALL TEMPORARY UTILITY SERVICE REQUIRED TO CONSTRUCT THE WORK. CONTRACTOR MAY EXTEND SERVICES FROM EXISTING LOCATIONS TO WHERE THEY ARE REQUIRED. REMOVE TEMPORARY UTILITIES AND RELATED EXTENSIONS AS SOON AS PRACTICABLE. RESTORE ALL AFFECTED AREAS TO ORIGINAL CONDITION.
- STORE VOLATILE OR FLAMMABLE LIQUIDS IN UL LISTED FIRE CABINETS.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS AND EQUIPMENT INSIDE OR OUTSIDE THE BUILDING.
- CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER AT ALL TIMES.
- CONTRACTOR RESPONSIBLE FOR TRAFFIC PROTECTION DURING CONSTRUCTION. AREAS OF WORK SUBJECTED TO TRAFFIC BY VARIOUS TRADES SHALL BE PROTECTED BY TEMPORARY WALK PADS.
- FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
- ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
- ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
- REFER TO WALL TYPE SCHEDULE AND NOTES (A201) TO DETERMINE WHICH WALLS DO NOT EXTEND TO STRUCTURE ABOVE.
- REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
- WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
- ALL CONCRETE MASONRY UNITS (CMU) SHALL BE LAID RUNNING BOND UNLESS OTHERWISE NOTED. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN) HORIZONTAL.
- PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
- DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
- ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
- ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND WINDOW FRAMES IS TO BE 1/4" CLEAR TEMPERED GLASS UNLESS NOTED OTHERWISE.
- ALL SLAB ON GRADE CONTROL JOINTS TO BE CLEANED AND CALLED PRIOR TO PLACEMENT OF FLOOR FINISH.
- SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
- REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
- SEE A800 SERIES DRAWINGS FOR FINISH LEGEND AND PLANS.
- SEE A200 AND A300 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
- WHERE DISJUNCT FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
- APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
- APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPICES AT JUNCTURE WITH WALL.
- ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
- BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 9'-0". REFER TO SITE PLAN FOR CORRELATION TO UGSS DATUM.

GENERAL ROOF NOTES

- CONTRACTOR SHALL REMOVE CONSTRUCTION DEBRIS FROM THE BUILDING AND ROOF DAILY.
- PROVIDE TREATED WOOD BLOCKING EQUAL IN THICKNESS TO INSULATION SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS. ANCHOR PER SECTION 149 OF THE FM GLOBAL LOSS PREVENTION GUIDE.
- EXTEND ALL PLUMBING VENTS TO PROVIDE A MIN. OF 12" OF HEIGHT FROM TOP OF INSULATION. ALL FITTINGS TO BE AIR AND WATER TIGHT. SEE PLUMBING PLANS FOR LOCATIONS.
- PROVIDE SADDLES/CRICKETS AROUND ALL NEW ROOF TOP EQUIPMENT. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL ROOF PENETRATIONS.
- PERIMETER EDGE METAL TO COMPLY WITH ANSIPR1ES-1 FM GLOBAL 149.
- SEE MECHANICAL, ELECTRICAL AND PLUMBING (MEP) SHEETS FOR ROOF TOP EQUIPMENT.
- INSPECT ALL WOOD BLOCKING SCHEDULED TO REMAIN. NOTIFY ARCHITECT OF ANY DETERIORATED BLOCKING NEEDING REPLACEMENT. CONTRACTOR TO REPLACE AND DAMAGED BLOCKING ON A TIME AND MATERIAL BASIS. SEE SPECIFICATIONS.
- ALL ROOF DETAIL DRAWINGS CONTAINED IN THIS SET ARE DIAGRAMMATIC. ADJUST ROOF DETAILS BASED ON SPECIFIC ROOFING SYSTEM SELECTED ACCORDING TO MANUFACTURER'S WRITTEN SPECIFICATIONS AND APPROVED DETAIL DRAWINGS. ALL ASSEMBLY COMPLICATIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- THE ROOF CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, GUTTERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOF CONTRACTOR SHALL CLEAR ALL DRAINS, GUTTERS AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND FUNCTIONING PROPERLY.
- MECHANICAL, ELECTRICAL AND PLUMBING INFORMATION SHOWN ON THIS PLAN IS GENERAL IN NATURE. REFER TO P, M AND E DRAWINGS FOR FURTHER INFORMATION AND COORDINATE ALL REQUIRED ROOF OPENINGS OR ROOF MOUNTED EQUIPMENT.

WALL TYPE NOTES

- CMU WALLS WITH "A" # SYMBOL FOLLOWING THE WALL TYPE SHALL STOP 8" ABOVE LOW CEILING HEIGHT AS INDICATED IN REFLECTED CEILING PLANS.
- WALL TYPES ARE ASSUMED TO BE CONTINUOUS WITHIN THE SAME PLANE OR SURFACE UNTIL ANOTHER TAG IS SHOWN.



W1 • 7'-5 1/2" CONCRETE MASONRY UNIT



W2 • 3'-5 1/2" CONCRETE MASONRY UNIT



NOBLESVILLE SCHOOLS



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PROJECT:
NOBLESVILLE HIGH SCHOOL
SOFTBALL LOCKER ROOM BUILDING
18111 Cumberland Rd., Noblesville, IN 46060

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. The drawings are not intended to be used for the design of structural, mechanical and electrical systems. The drawings are not intended to be used for the design of any other systems. The drawings are not intended to be used for the design of any other systems. The drawings are not intended to be used for the design of any other systems.

REVISIONS:
1 ADDENDUM #1 01/17/25

ISSUE DATE DRAWN BY CHECKED BY
01/10/25 MEW NW

DRAWING TITLE:
REFLECTED CEILING PLANS

CERTIFIED BY:
BRADLEY J. KROHN
REGISTERED
No. AR10800070
STATE OF INDIANA
ARCHITECT
Bradley J. Krohn

DRAWING NUMBER
A202

PROJECT NUMBER
2024079

GENERAL NOTES

- COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
- ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS TO BE THE MOST CURRENT ADOPTED EDITIONS.
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- CONTRACT DOCUMENTS CONSIST OF BOTH THE PROJECT MANUAL AND DRAWINGS, AND BOTH ARE INTENDED TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
- CONSTRUCTION DOCUMENTS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE. HOWEVER, SYSTEMS HAVE BEEN SHOWN DIAGRAMMATICALLY AND IN SOME CASES, ENLARGED FOR CLARITY. PROVIDE ADDITIONAL ITEMS AS REQUIRED TO PROVIDE A COMPLETE AND COORDINATED SYSTEM.
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- PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
- DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
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- ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND WINDOW FRAMES IS TO BE 1/4" CLEAR TEMPERED GLASS UNLESS NOTED OTHERWISE.
- ALL SLAB ON GRADE CONTROL JOINTS TO BE CLEANED AND CALLED PRIOR TO LAYOUT OF FLOOR FINISH.
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- SEE A200 AND A500 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
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- BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 0'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

GENERAL REFLECTED CEILING PLAN NOTES

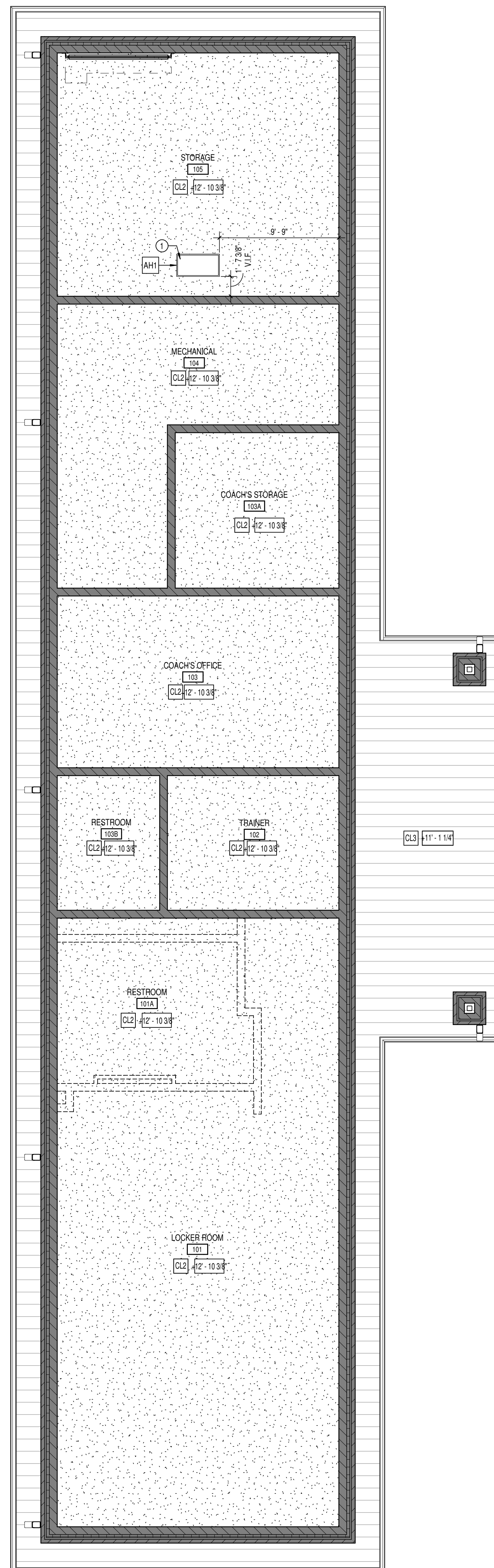
- SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.
- SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.
- PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS.
- SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK STRUCTURE AS DETAIL ON STRUCTURAL DRAWINGS.
- THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO BE BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, ETC.
- SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

REFLECTED CEILING LEGEND

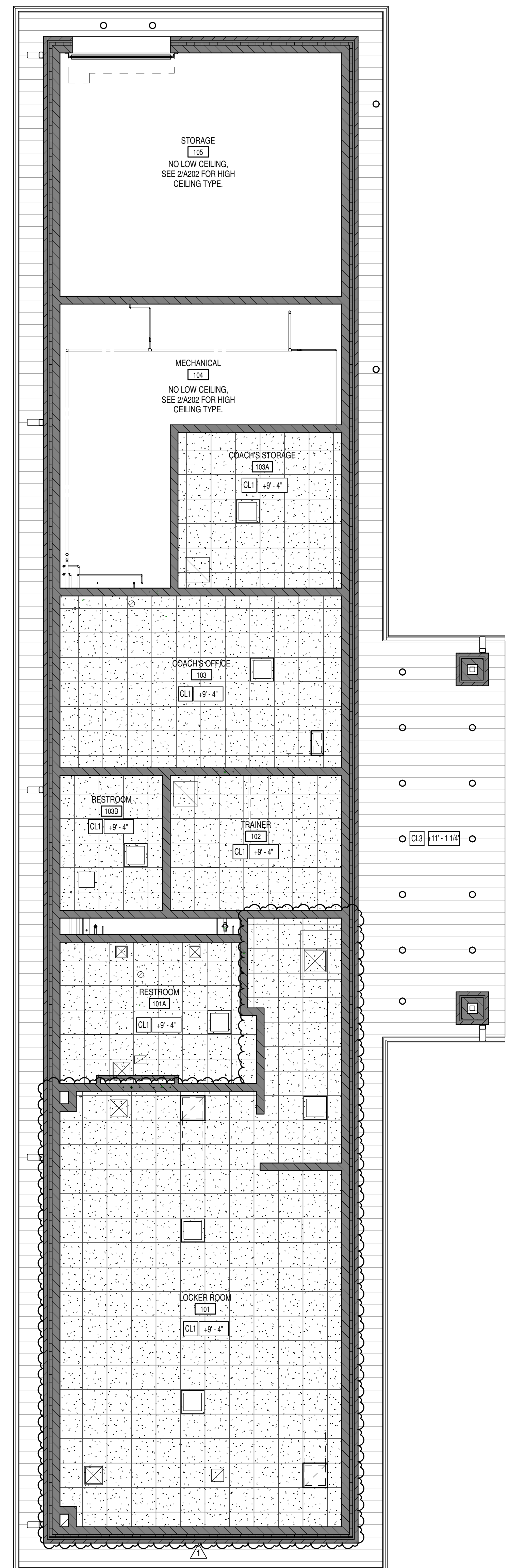
- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACE MOUNTED. SEE ELECTRICAL DRAWINGS.
- CEILING MOUNTED PROJECTOR. SEE TECHNOLOGY DRAWINGS.
- RETURN/EXHAUST GRILL. SEE MECHANICAL DRAWINGS.
- SUPPLY AIR GRILL. SEE MECHANICAL DRAWINGS.
- LINEAR SLOT SUPPLY AIR GRILL. SEE MECHANICAL DRAWINGS.
- SUSPENDED ACOUSTICAL LAY-IN CEILING
MFG: ARMSTRONG MODEL #935
STYLE: ULTIMA HEALTH ZONE
DESCRIPTION: SQUARE EDGE
COLOR: WHITE, SIZE: 2' x 2' x 3/8"
LOCATION: OFFICES/LOCKER ROOM/RESTROOMS
- GYPSUM BOARD ON BOTTOM CHORD OF TRUSSES
USE 5/8" WALLBOARD
PAINT: CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.
- VENTED METAL PANEL SOFFIT
- CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

REFLECTED CEILING PLAN NOTES

- COORDINATE FINAL LOCATION OF HATCH BETWEEN ROOF JOISTS, COORDINATE WITH STRUCTURAL FRAMING DRAWINGS.



2 REFLECTED CEILING PLAN - HIGH
SCALE: 3/16" = 1'-0"



1 REFLECTED CEILING PLAN - LOW
SCALE: 3/16" = 1'-0"



NOBLESVILLE SCHOOLS

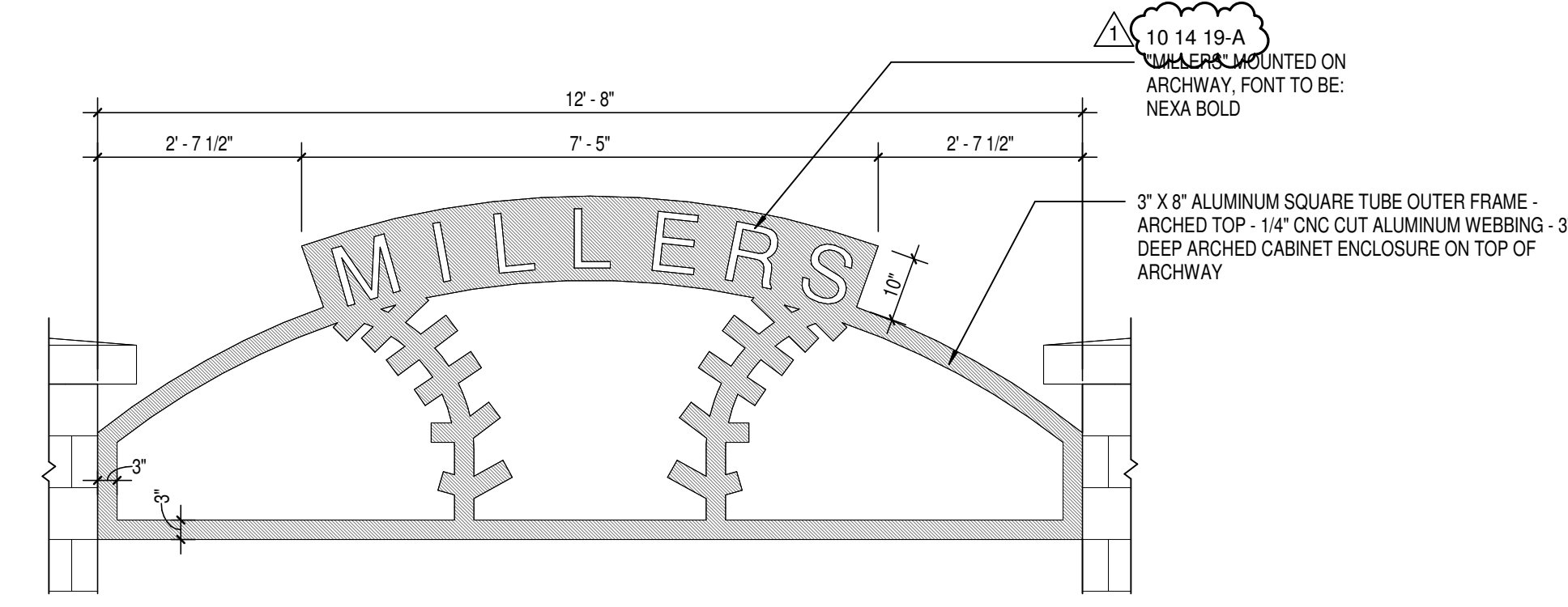
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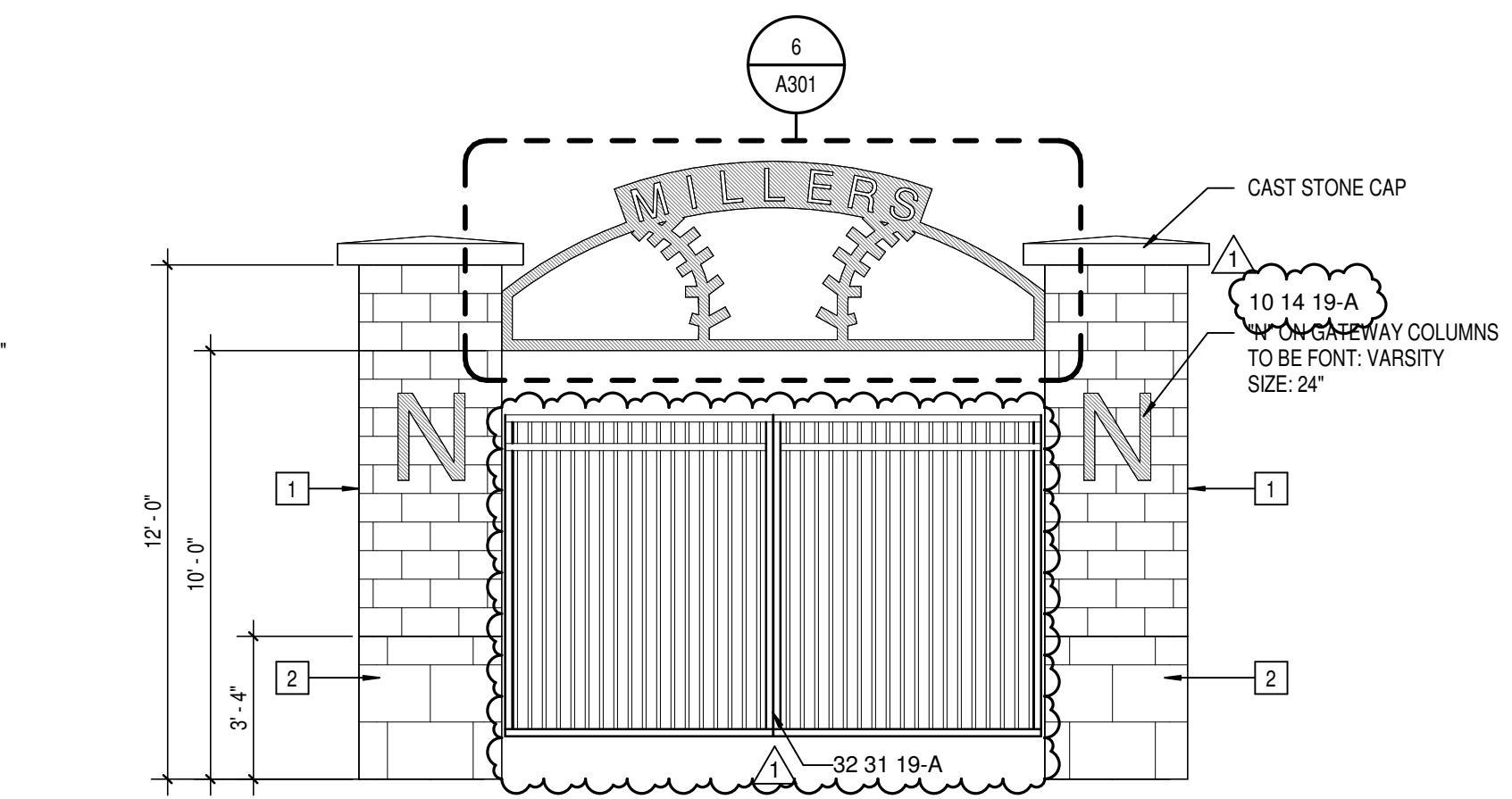
PROJECT:
NOBLESVILLE HIGH SCHOOL
SOFTBALL LOCKER ROOM BUILDING
18111 Cumberland Rd., Noblesville, IN 46060

ELEVATION NOTES

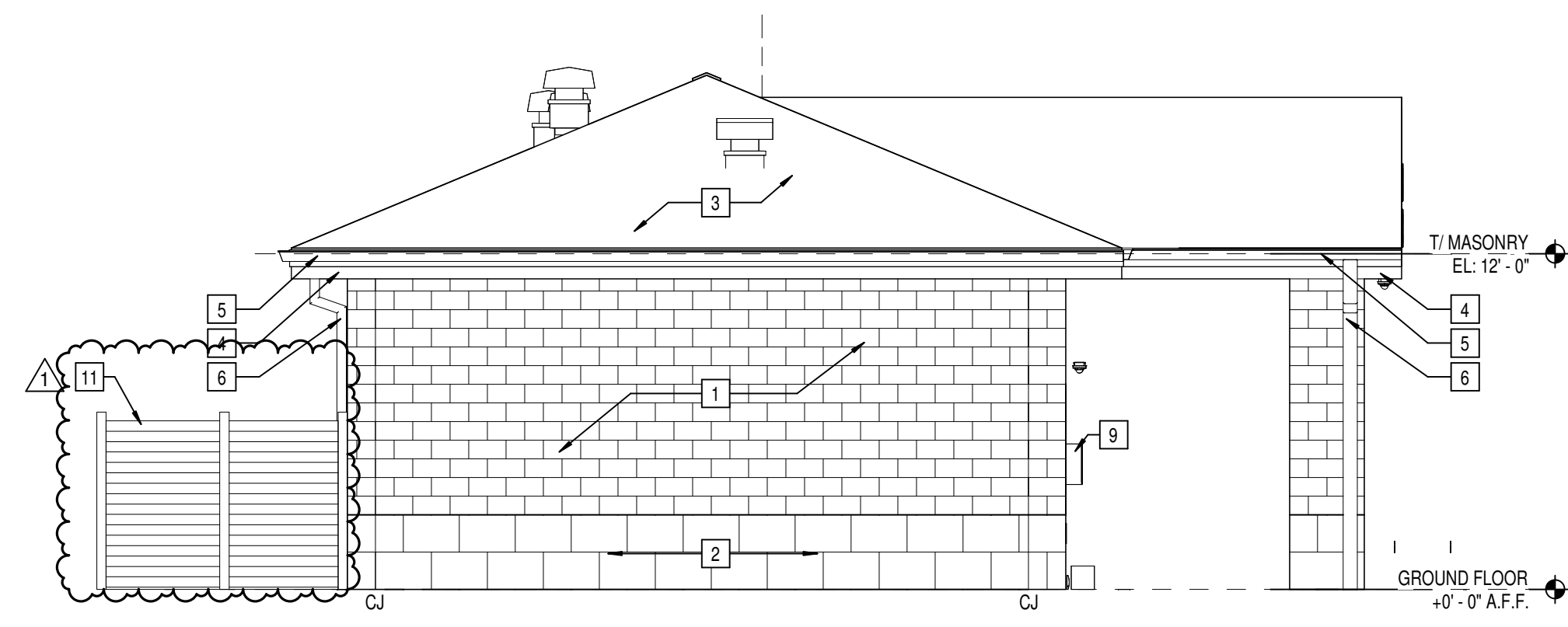
- 1 BRICK TYPE 1
- 2 DECORATIVE CMU
- 3 ASPHALT SHINGLE ROOF
- 4 MANUFACTURED FASCIA CLADDING
- 5 MANUFACTURED GUTTER
- 6 MANUFACTURED DOWNSPOUT
- 7 OVERHEAD COILING DOOR
- 8 HOLLOW METAL DOOR
- 9 SURFACE MOUNTED AED EQUIPMENT CABINET
- 10 10 14 19-A
- 11 DECORATIVE ALUMINUM LOUVER-STYLE FENCE, SEE SPECIFICATIONS



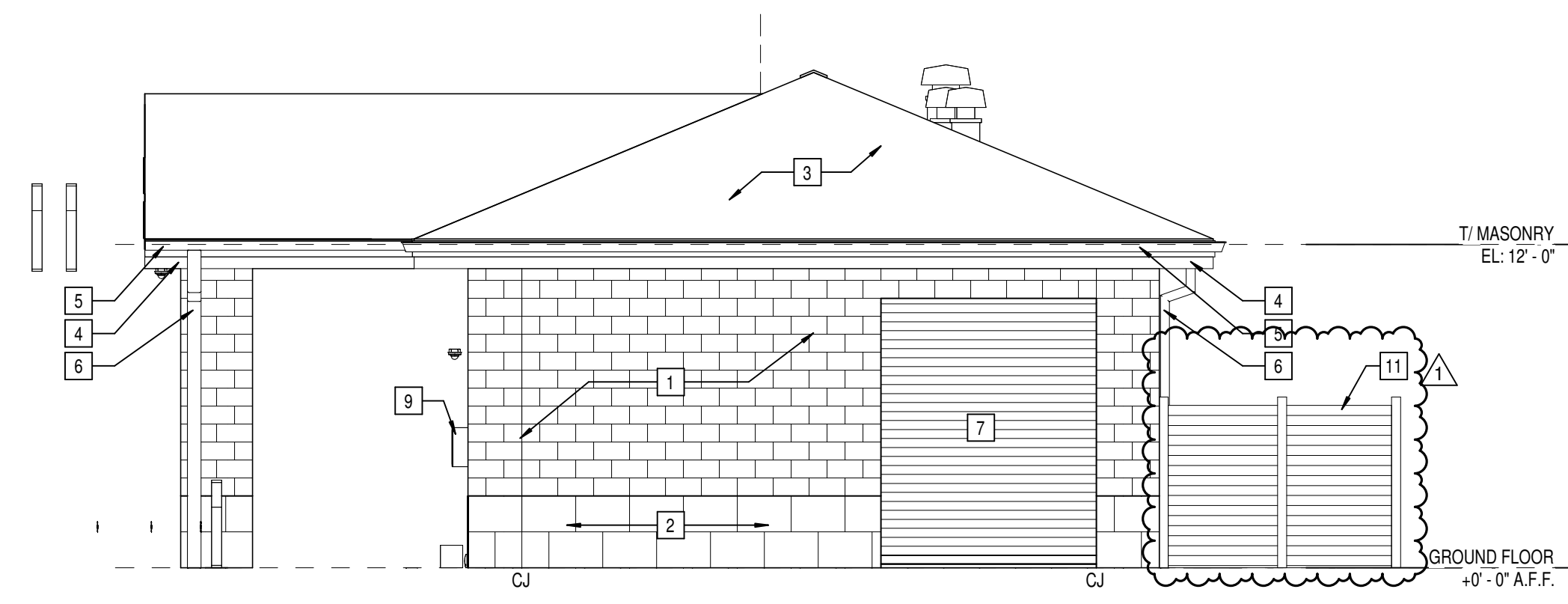
6 GATE SIGNAGE DETAIL (ALTERNATE BID)
A301 SCALE: 1/2" = 1'-0"



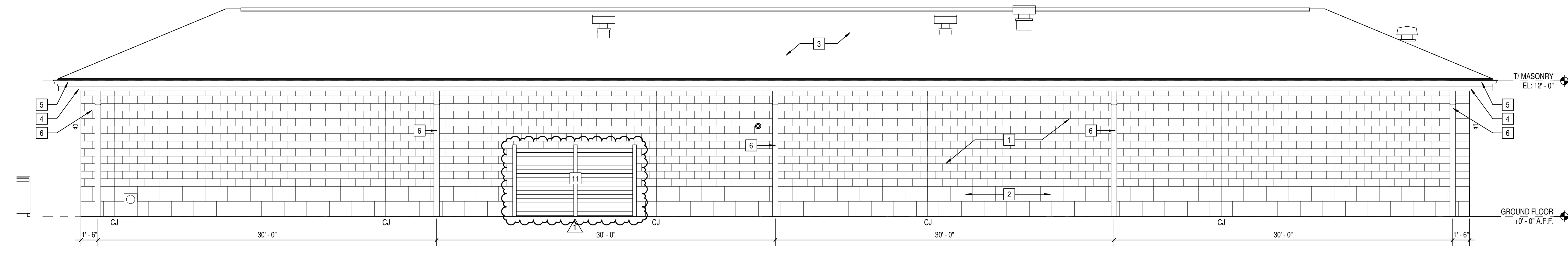
5 ENTRY GATE SIGNAGE ELEVATION (ALTERNATE BID)
A301 SCALE: 1/4" = 1'-0"



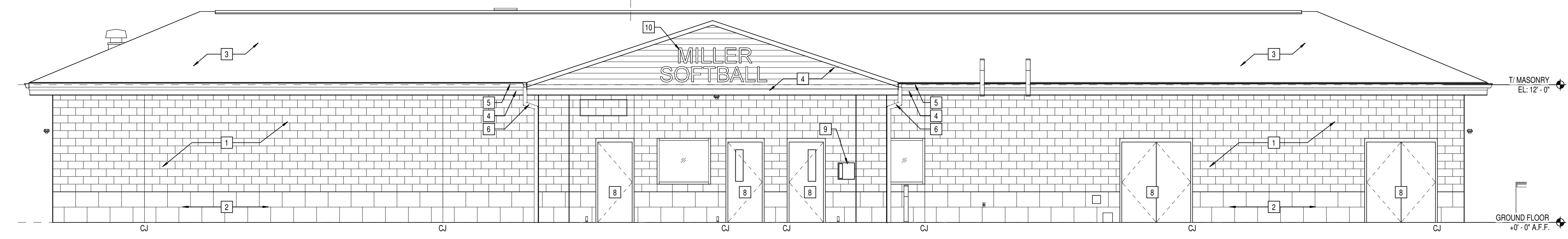
4 SOUTH ELEVATION
A301 SCALE: 3/16" = 1'-0"



3 NORTH ELEVATION
A301 SCALE: 3/16" = 1'-0"



2 WEST ELEVATION
A301 SCALE: 3/16" = 1'-0"



1 EAST ELEVATION
A301 SCALE: 3/16" = 1'-0"

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. The contractor shall be responsible for the structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for the performance and completion of the project. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
1 ADDENDUM #1 01/17/25

ISSUE DATE	DRAWN BY	CHECKED BY
01/10/25	MEW	NW

DRAWING TITLE:
BUILDING ELEVATIONS

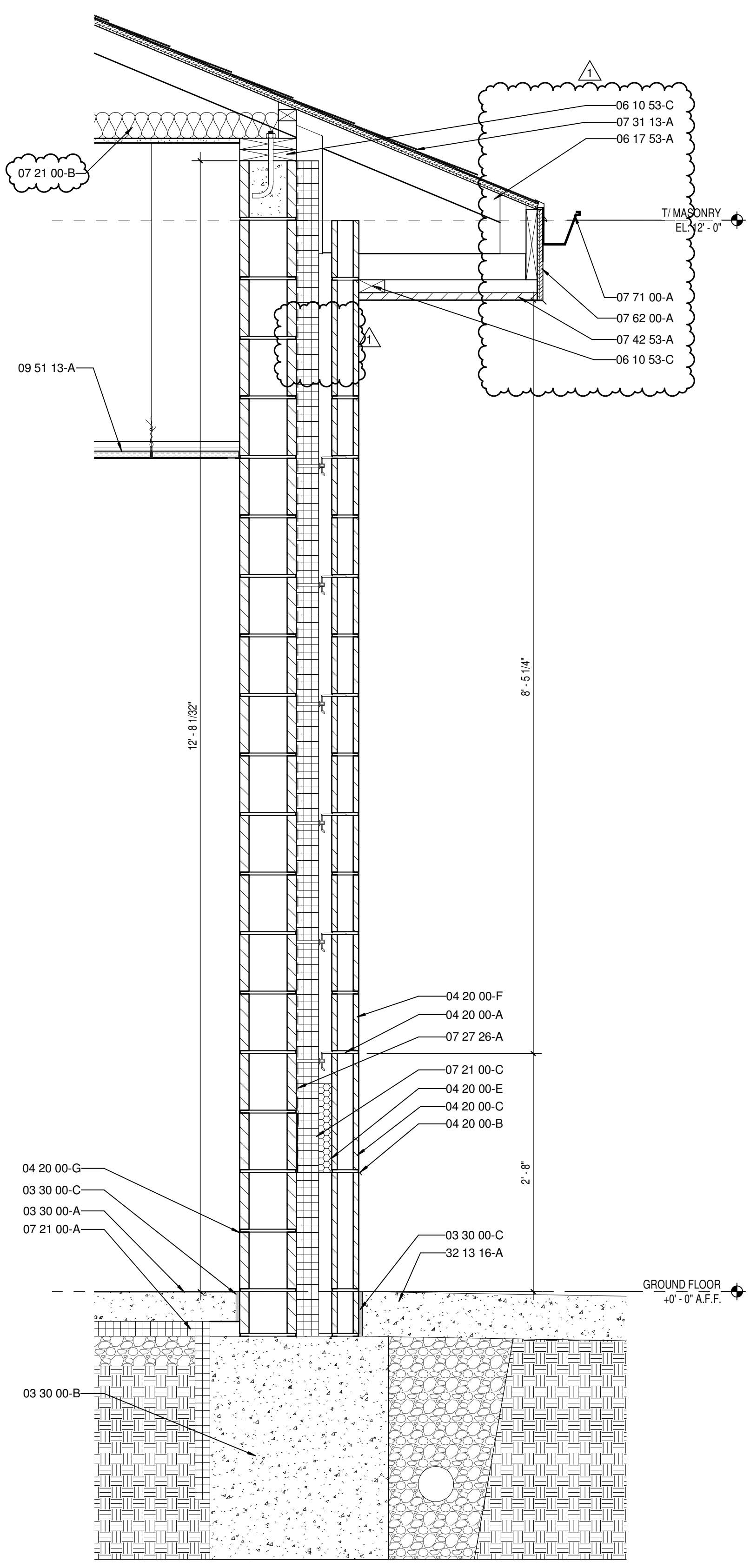
CERTIFIED BY:
BRADLEY J. KRON
REGISTERED
No. AR1080070
STATE OF INDIANA
ARCHITECT
Bradley J. Kron

DRAWING NUMBER
A301

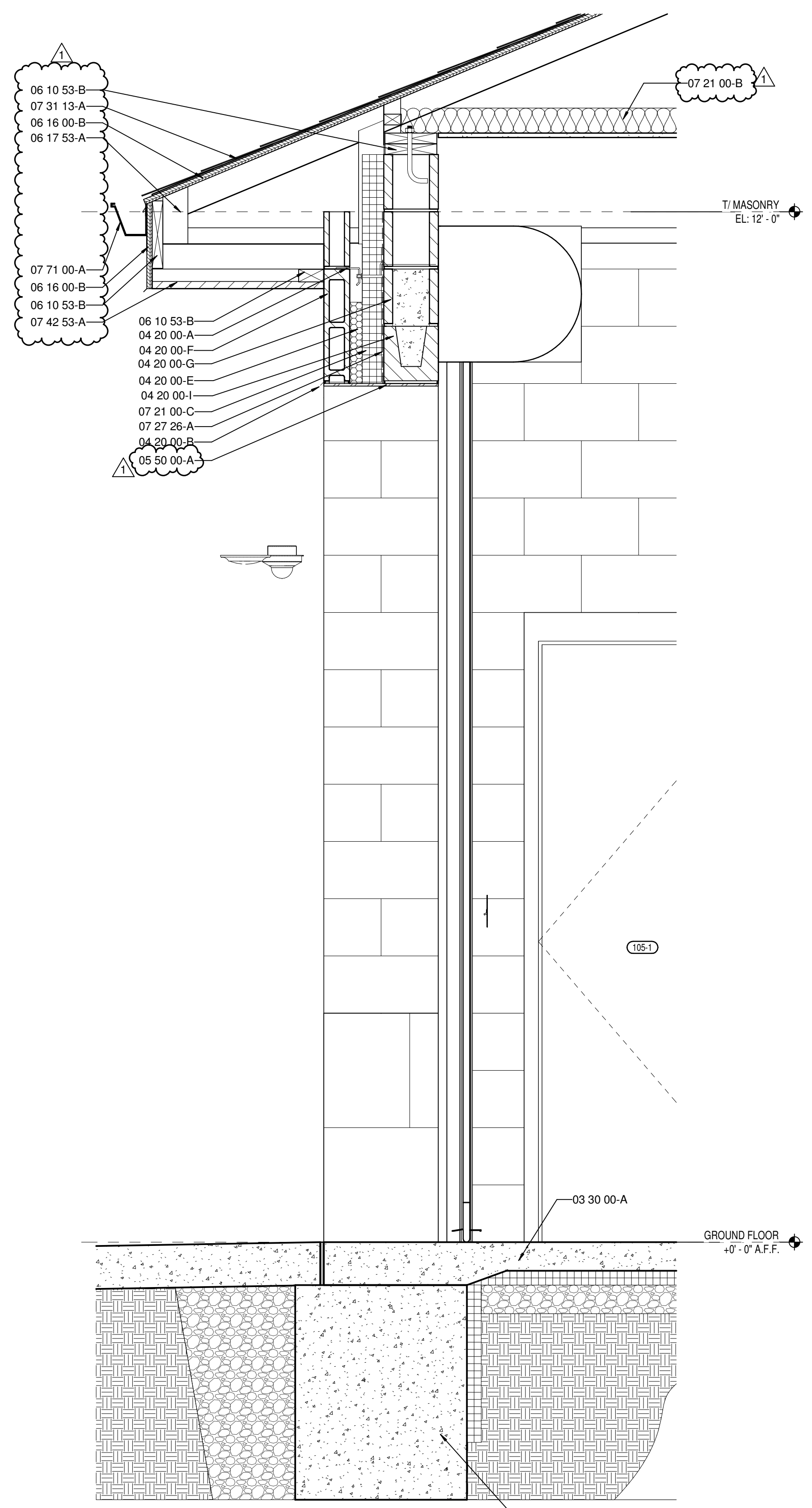
PROJECT NUMBER
2024079

KEYNOTE LEGEND

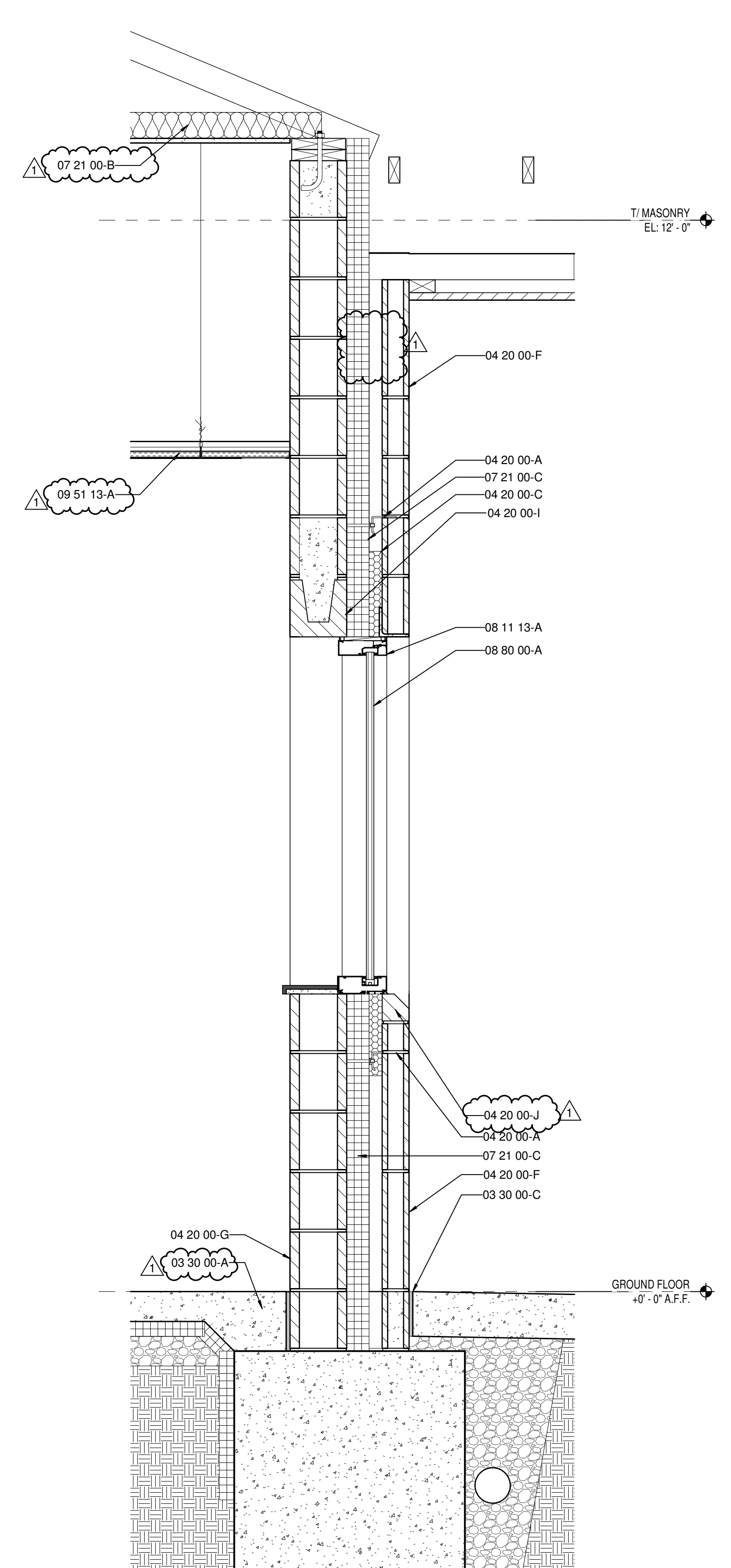
- 03 30 00-A CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL - SEE STRUCTURAL
- 03 30 00-B CONCRETE FOOTING - SEE STRUCTURAL
- 03 30 00-C 1/2" EXPANSION MATERIAL
- 04 20 00-A ADJUSTIBLE MASONRY VENEER ANCHOR AT 18" O.C. VERTICALLY
- 04 20 00-B THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
- 04 20 00-C WEEP HOLES AT 18" O.C.
- 04 20 00-E CAVITY DRAINAGE MATERIAL
- 04 20 00-F FACE BRICK - SEE ELEVATIONS
- 04 20 00-G CONCRETE MASONRY UNIT
- 04 20 00-H BOND BEAM MASONRY UNIT
- 04 20 00-I BOND BEAM MASONRY LINTEL
- 04 20 00-J SILL LINTEL
- 05 50 00-A MISCELLANEOUS STEEL - SEE STRUCTURAL
- 06 10 53-B 2X WOOD FRAMING
- 06 10 53-C 2X WOOD BLOCKING
- 06 16 00-B 5/8" EXTERIOR GRADE PLYWOOD
- 06 17 53-A WOOD TRUSSES - SEE STRUCTURAL
- 07 21 00-A SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
- 07 21 00-B MINERAL WOOL BATT INSULATION
- 07 21 00-C 3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
- 07 27 26-A FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
- 07 31 13-A ASPHALT SHINGLE ROOF
- 07 42 53-A METAL SOFFIT PANELS
- 07 52 00-A FASCIA CLADDING
- 07 71 00-A MANUFACTURED GUTTER
- 07 92 00-B SEALANT EACH SIDE, TYPICAL
- 08 11 13-A HOLLOW METAL FRAME
- 08 33 20-A OVERHEAD COOLING DOOR
- 08 80 00-A GLAZING - SEE SCHEDULES/ELEVATIONS
- 09 51 13-A ACOUSTICAL CEILING SUSPENSION ASSEMBLY
- 10 14 19-A SIGN - DIMENSIONAL CHARACTERS FOR EXTERIOR USE
- 32 13 16-A CONCRETE PAVING - SEE CIVIL SHEETS
- 32 31 19-A ORNAMENTAL FENCE - SEE CIVIL SHEETS



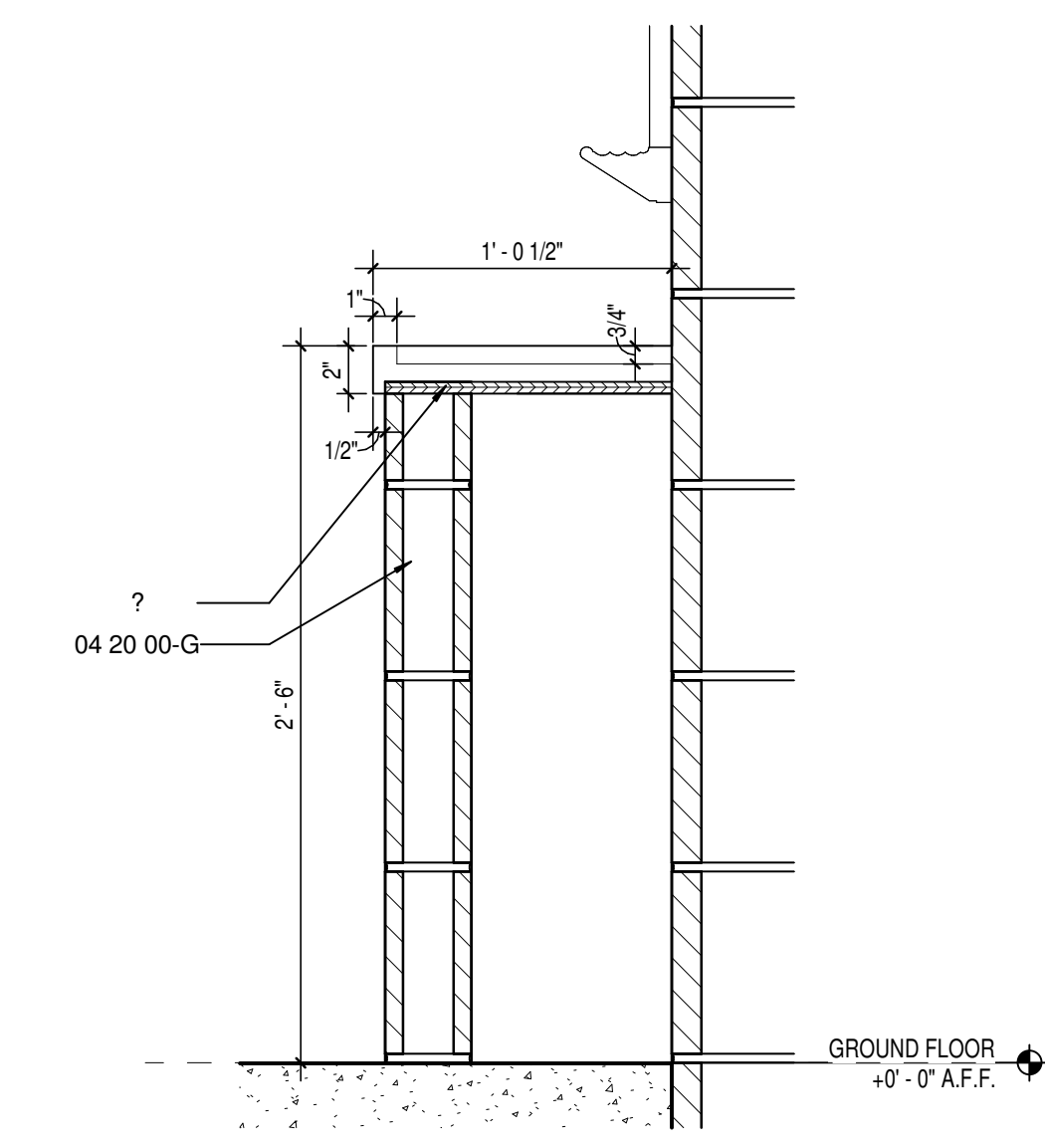
6 WALL SECTION
A302 SCALE: 1" = 1'-0"



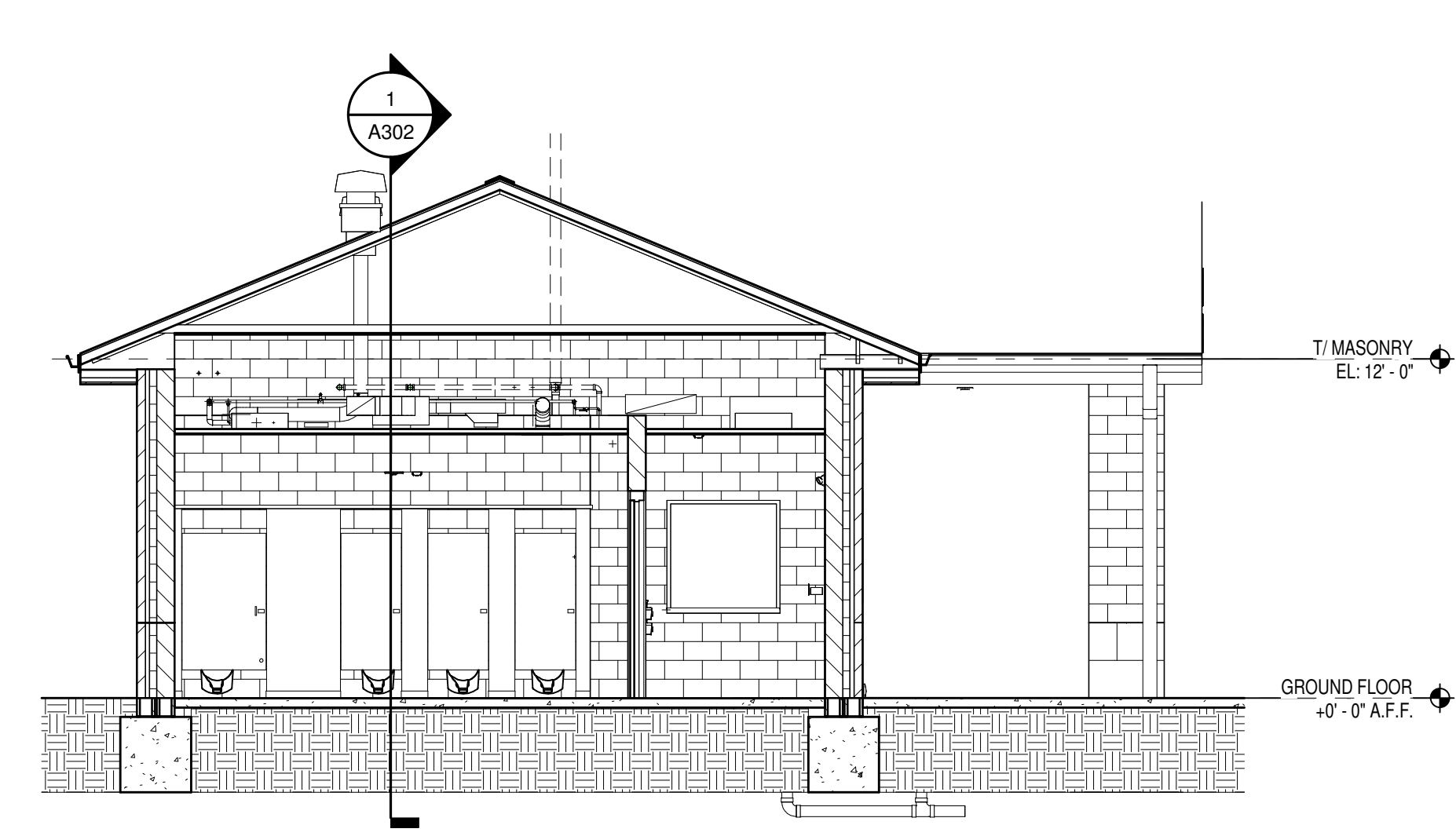
5 WALL SECTION
A302 SCALE: 1" = 1'-0"



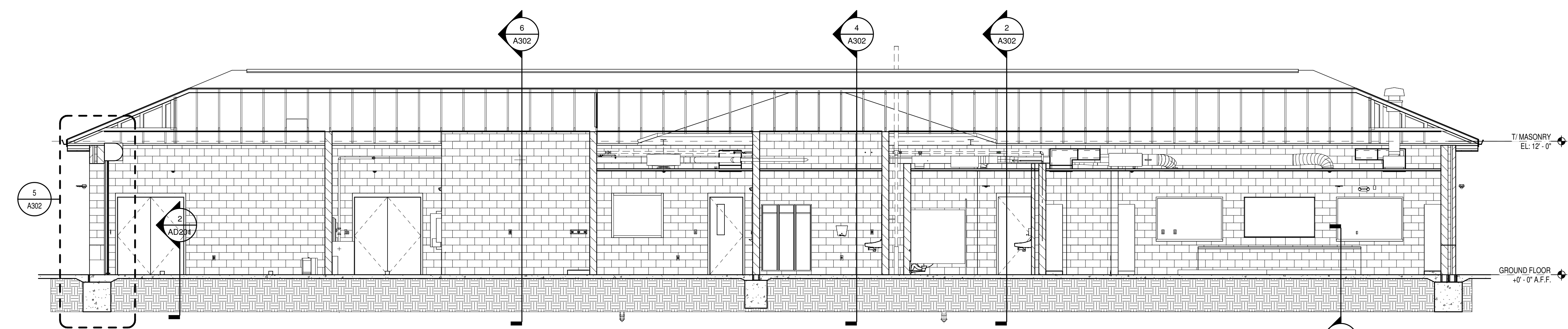
4 WALL SECTION
A302 SCALE: 1" = 1'-0"



3 WALL SECTION
A302 SCALE: 1 1/2" = 1'-0"



2 BUILDING SECTION
A302 SCALE: 3/16" = 1'-0"



1 BUILDING SECTION
A302 SCALE: 3/16" = 1'-0"

NOBLESVILLE SCHOOLS

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PROJECT:

**NOBLESVILLE HIGH SCHOOL
SOFTBALL LOCKER ROOM BUILDING**

18111 Cumberland Rd., Noblesville, IN 46060

SCOPE DRAWINGS:

These drawings indicate the general scope of the project. The drawings are not intended to be a contract. The drawings are not intended to be a contract. The drawings are not intended to be a contract. The drawings are not intended to be a contract.

REVISIONS:

1	ADDENDUM #1	01/17/25
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ISSUE DATE	DRAWN BY	CHECKED BY
01/10/25	MEW	NW

DRAWING TITLE:

BUILDING SECTIONS

CERTIFIED BY:

BRIANLEY J. KROHN
REGISTERED
No. AR10800070
STATE OF INDIANA
ARCHITECT

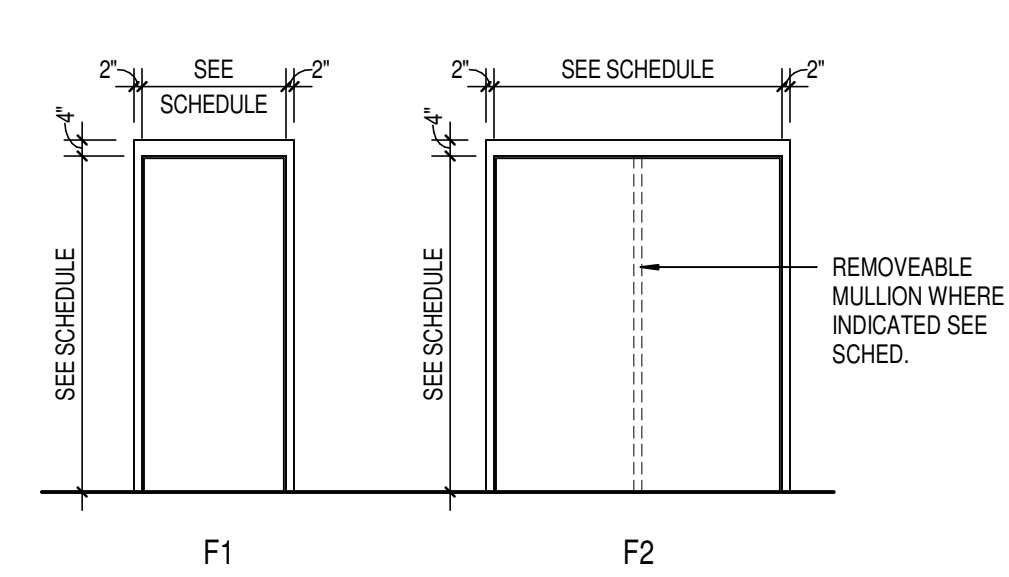
DRAWING NUMBER

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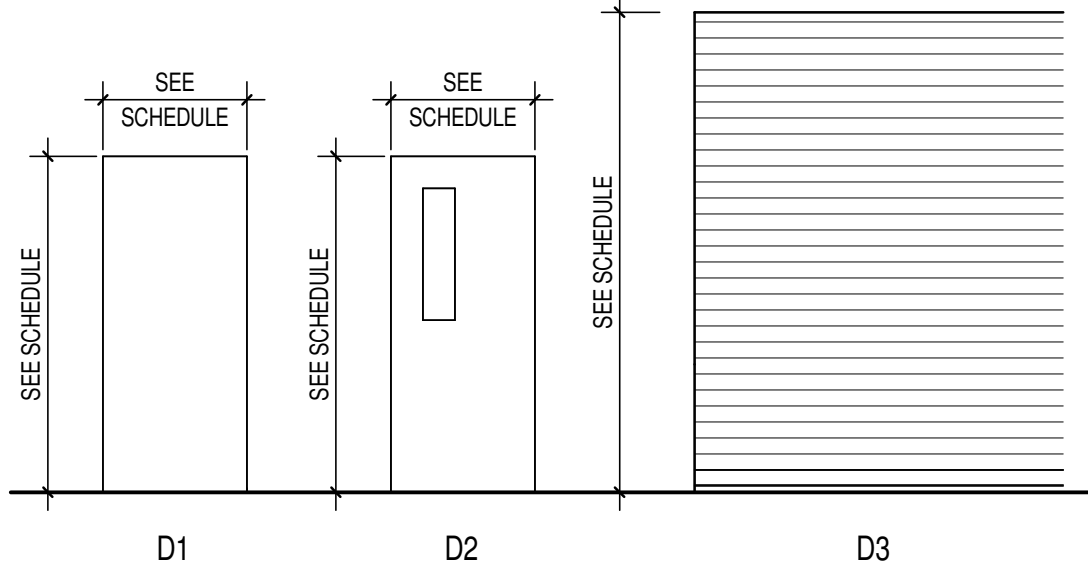
PROJECT NUMBER

2024079

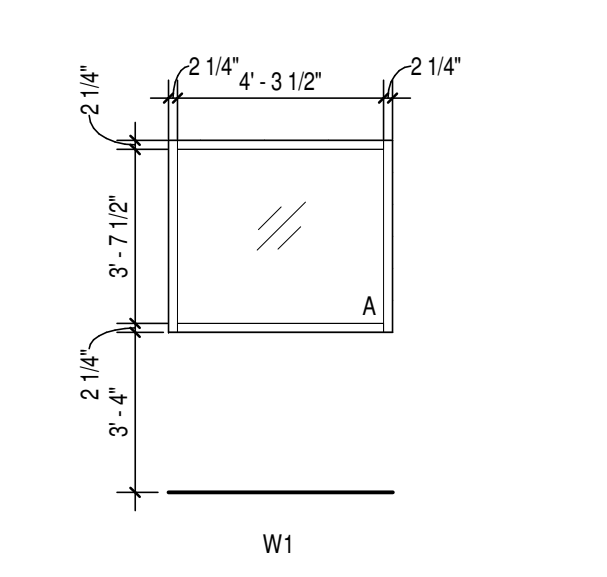
DOOR MARK	SIZE		THICKNESS	MATERIAL		FINISH	ELEVATION	FRAME			DETAIL			UL RATING	STC RATING	REMARKS		
	WIDTH	HEIGHT		GLASS	MATERIAL			FINISH	ELEVATION	GLASS	HEAD	JAMB	SILL					
																	GLASS	MATERIAL
101	SGL	3'-0"	7'-0"	1.34"	HM	PT	D1	-	HM	PT	F1	-	-	-	-	-		
101A	SGL	3'-0"	7'-0"	1.34"	HM	PT	D2	GL1	HM	PT	F1	-	-	-	-	-	-	CARD READER
102	SGL	3'-0"	7'-0"	1.34"	HM	PT	D1	-	HM	PT	F1	-	-	-	-	-	-	CARD READER
103	SGL	3'-0"	7'-0"	1.34"	HM	PT	D2	GL1	HM	PT	F1	-	-	-	-	-	-	CARD READER
103A	SGL	3'-0"	7'-0"	1.34"	HM	PT	D1	-	HM	PT	F1	-	-	-	-	-	-	CARD READER
103B	SGL	3'-0"	7'-0"	1.34"	HM	PT	D1	-	HM	PT	F1	-	-	-	-	-	-	CARD READER
104	PAIR	3'-0"	7'-0"	1.34"	HM	PT	D1	-	HM	PT	F2	-	-	-	-	-	-	
105-1	PAIR	3'-0"	7'-0"	1.34"	HM	PT	D1	-	HM	PT	F2	-	-	-	-	-	-	
105-2	OCD	8'-0"	11'-0"	3/4"	GSTL	PC	D3	-	GSTL	PC	-	-	-	-	-	-	-	



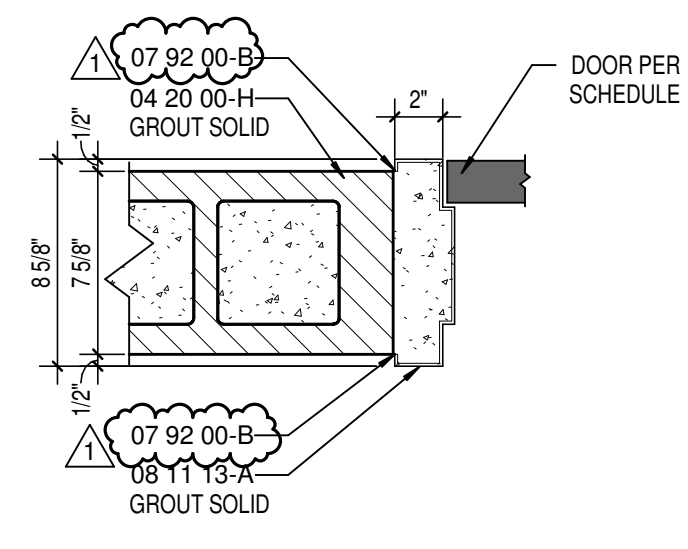
FRAME ELEVATIONS
SCALE: 1/4" = 1'-0"



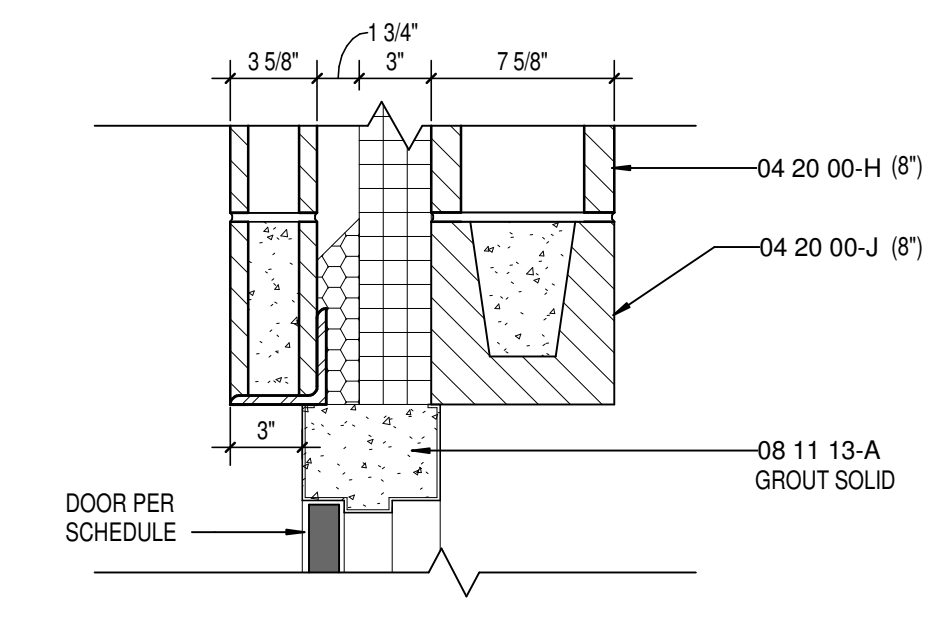
DOOR ELEVATIONS
SCALE: 1/4" = 1'-0"



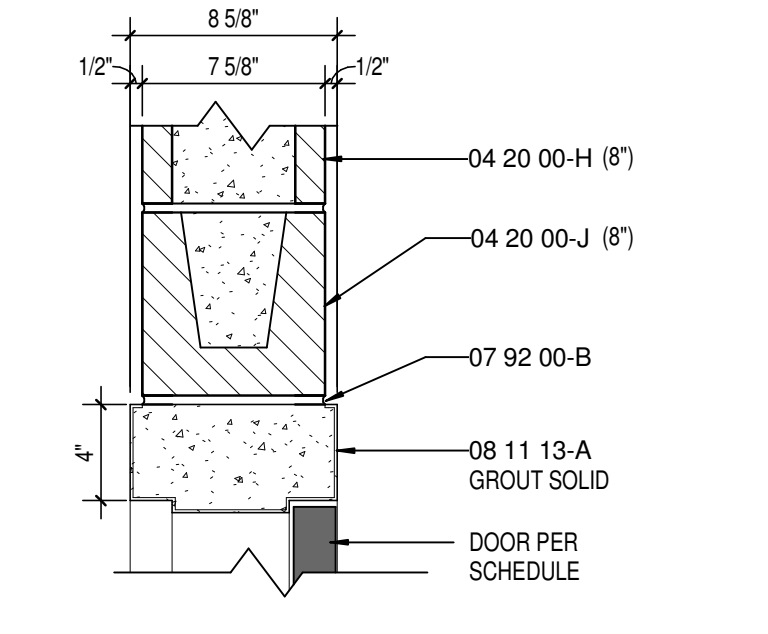
WINDOW ELEVATIONS
SCALE: 1/4" = 1'-0"



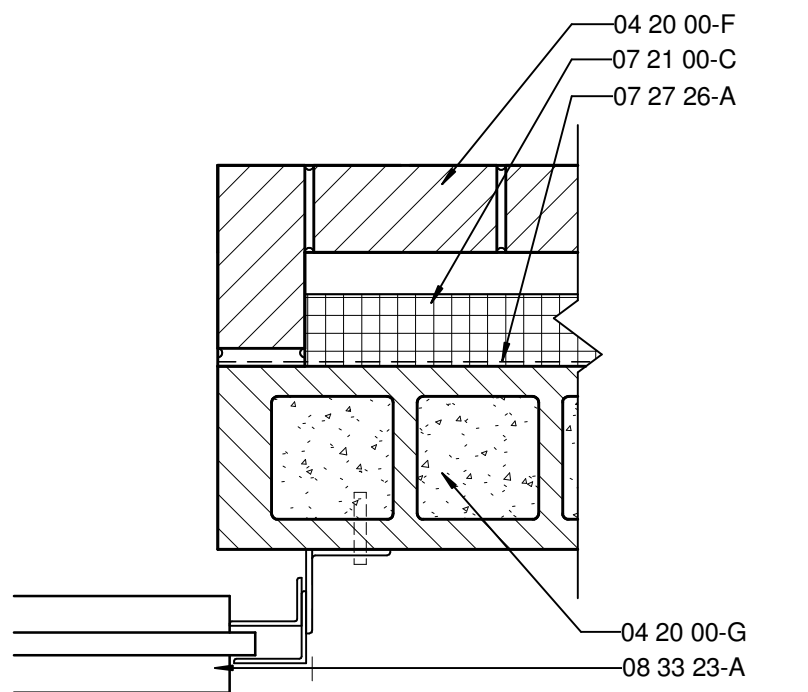
JAMB DETAIL - J1
SCALE: 1/2" = 1'-0"



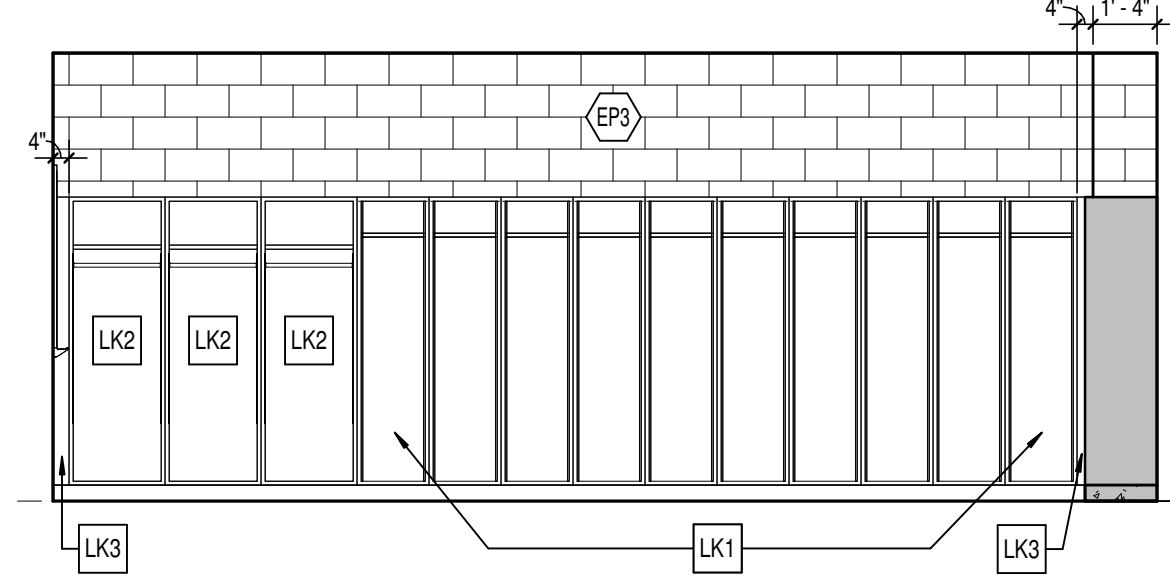
HEAD DETAIL - H2
SCALE: 1/2" = 1'-0"



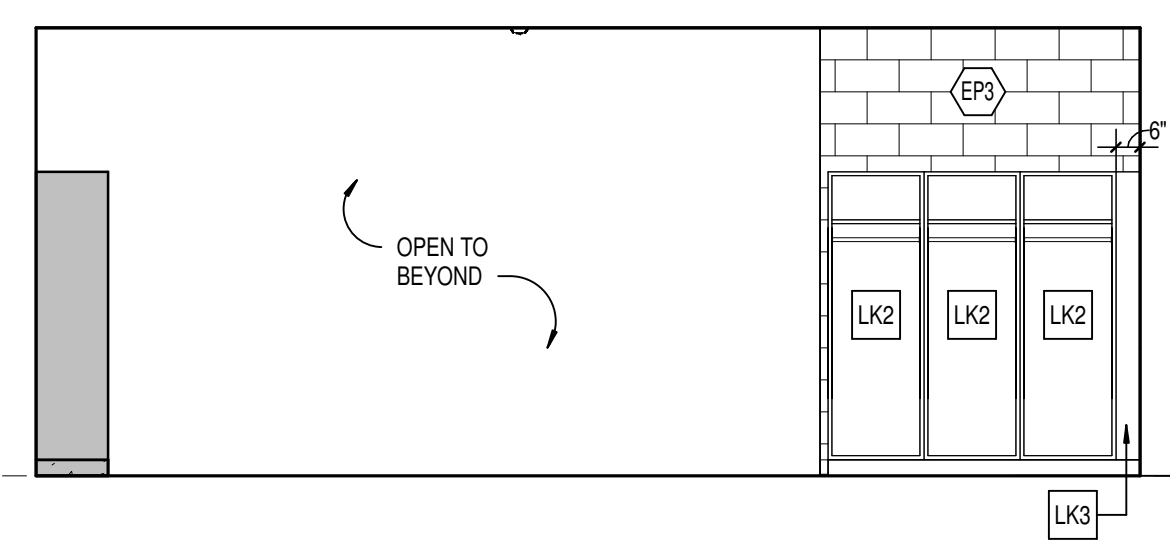
HEAD DETAIL - H1
SCALE: 1/2" = 1'-0"



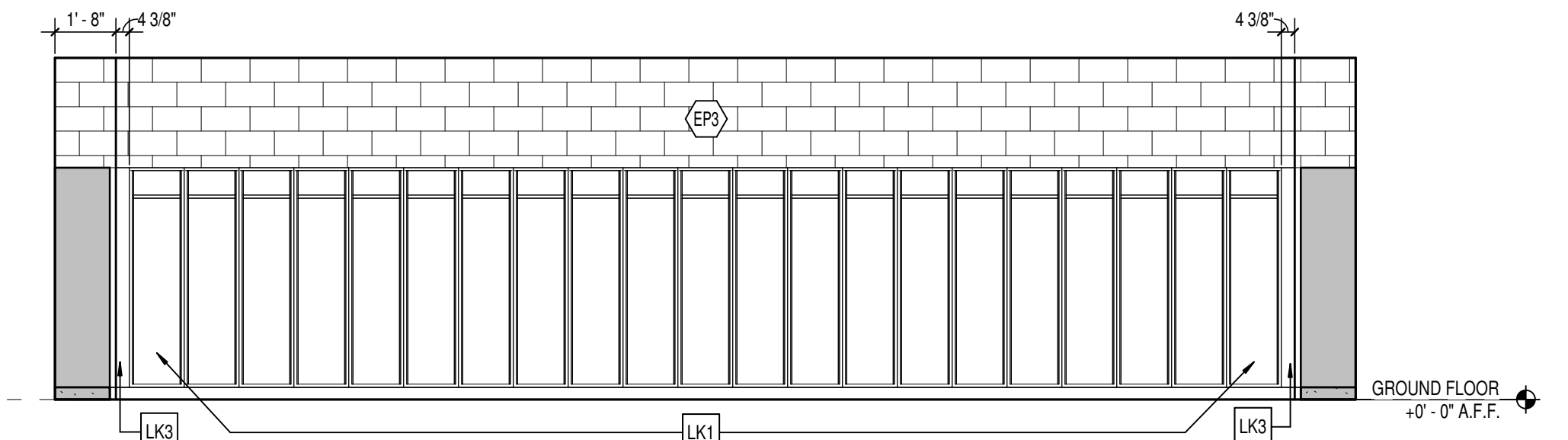
JAMB DETAIL - J2
SCALE: 1/2" = 1'-0"



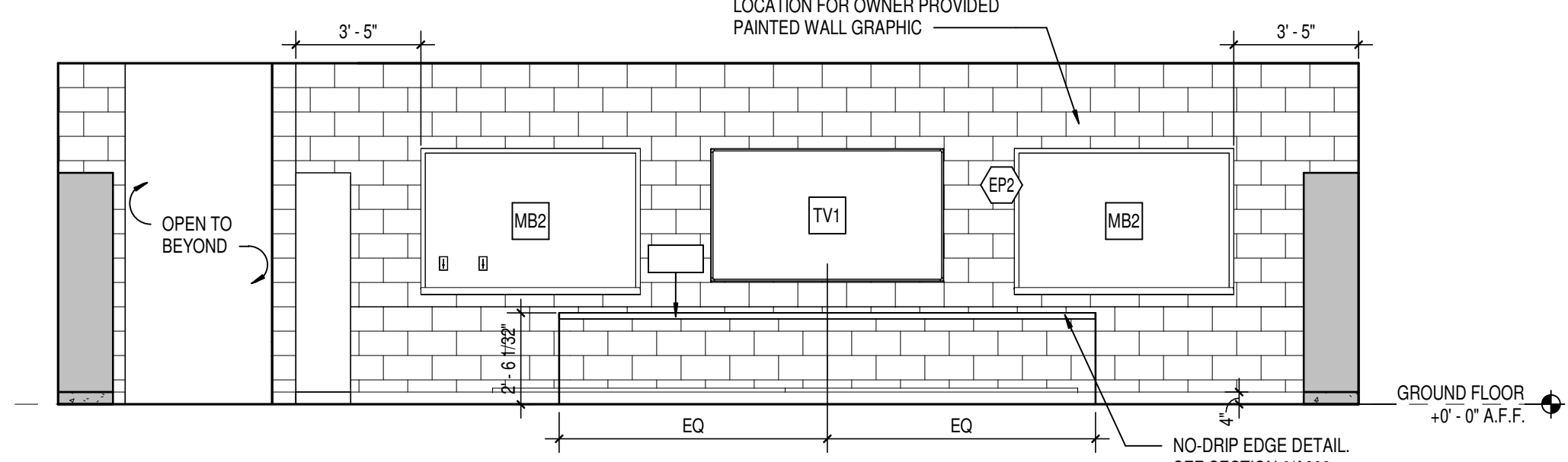
LOCKER ROOM SOUTH
SCALE: 1/4" = 1'-0"



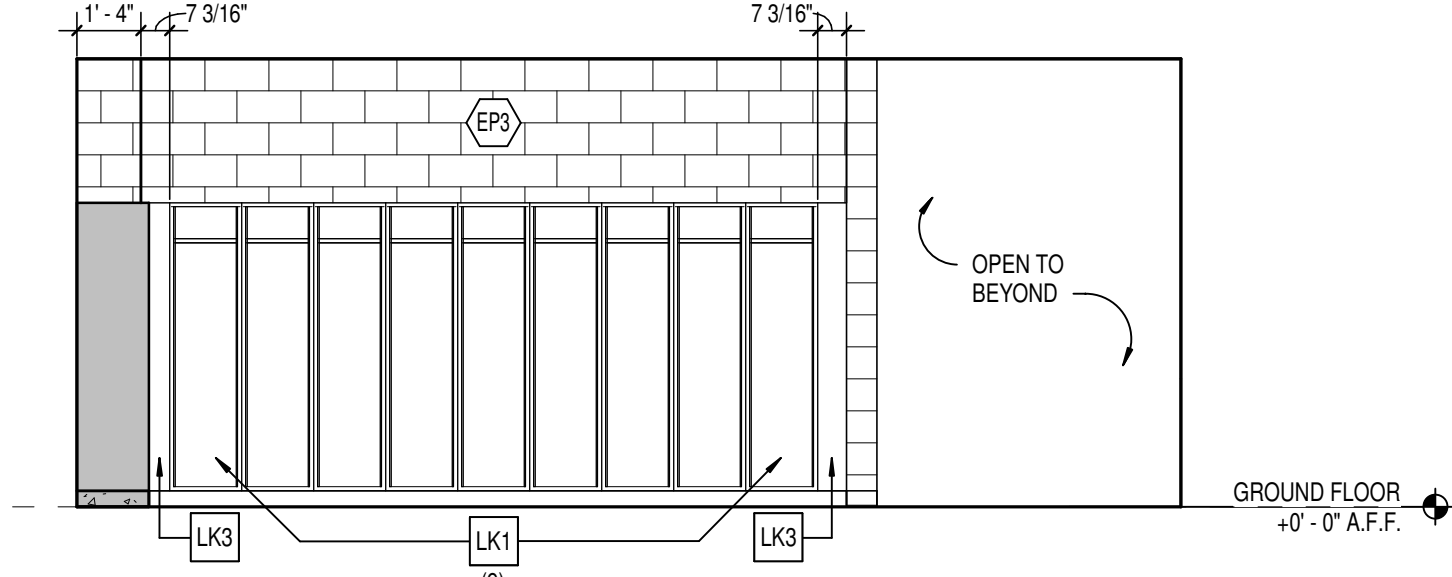
LOCKER ROOM WING WALL
SCALE: 1/4" = 1'-0"



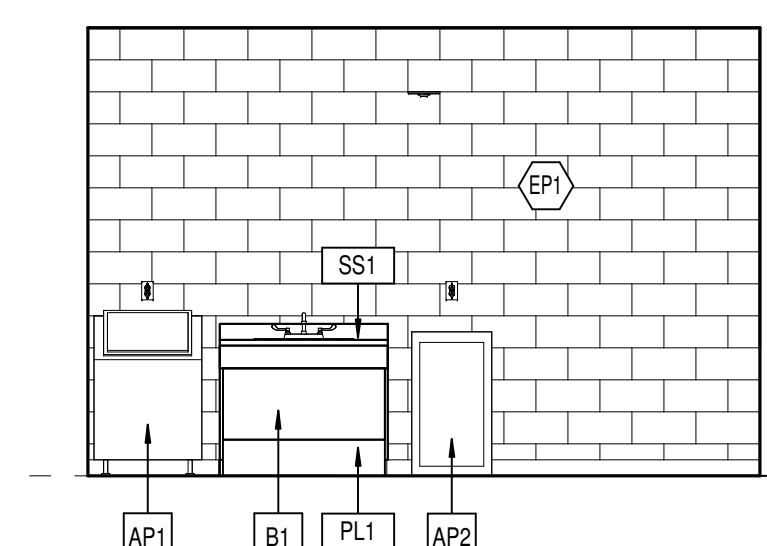
LOCKER ROOM WEST
SCALE: 1/4" = 1'-0"



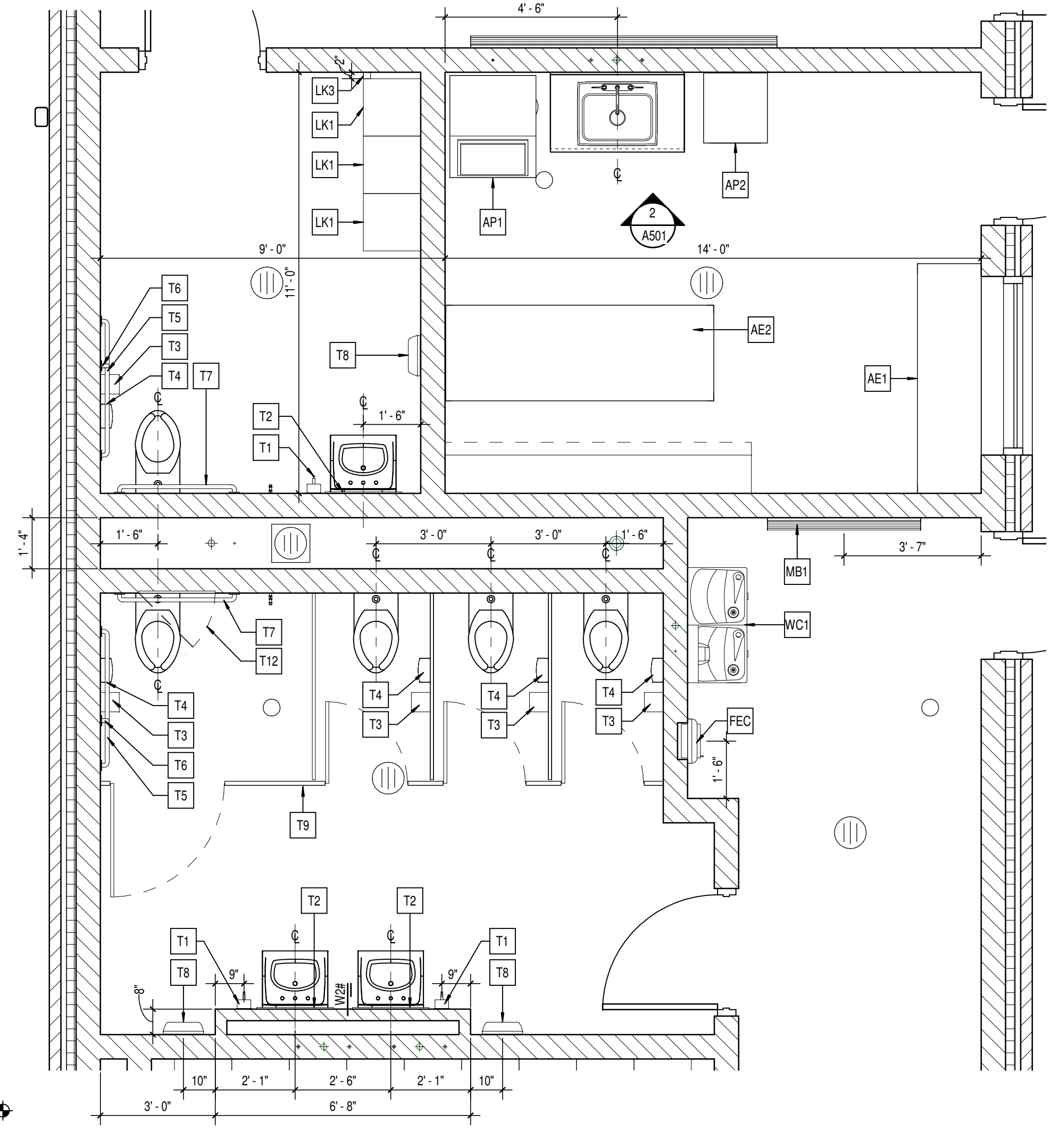
LOCKER ROOM EAST
SCALE: 1/4" = 1'-0"



LOCKER ROOM NORTH
SCALE: 1/4" = 1'-0"



TRAINER ROOM NORTH
SCALE: 1/4" = 1'-0"



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

SPECIALTY EQUIPMENT SCHEDULE - MASTER						
TYPE MARK	DESCRIPTION	SPEC. SECTION	MANUFACTURER	MODEL NO.	REMARKS	INSTALLED BY
AE1	TRAINER WORKBENCH	-	-	-	-	OWNER
AE2	TRAINER TABLE	-	-	-	-	OWNER
AEC	DEFIBRILLATOR CABINET	10 43 13	JL INDUSTRIES	1436	-	CONTRACTOR
AH1	22" x 40" INSULATED & FIRE RATED ATTIC HATCH	-	-	-	-	CONTRACTOR
AP1	ICE MACHINE	11 31 00	-	-	-	OWNER
AP2	MINI REFRIGERATOR	11 31 00	-	-	-	OWNER
FEC	FIRE EXTINGUISHER AND CABINET	10 44 13	JL INDUSTRIES	SEE SPECS	SEMI-RECESSED CABINET. MOUNT AS REQUIRED FOR ADA.	CONTRACTOR
LK1	METAL LOCKER 18"	10 51 13	ASI Storage	21181872A	LOCKER - SINGLE TIER - 18" WIDE - 18" DEEP - 72" HIGH - ADDER	CONTRACTOR
LK2	METAL LOCKER 24"	10 51 13	ASI Storage	41241872	LOCKER - 24" WIDE - 18" DEEP - 72" HIGH	CONTRACTOR
LK3	METAL LOCKER TRIM FILLER PANEL	10 51 13	ASI Storage	SEE SPECS	COLOR TO MATCH ADJACENT LOCKERS	CONTRACTOR
MB1	4'-0"W x 4'-0"H MARKERBOARD	10 11 00	CLARIDGE	SEE SPECS	MOUNT TOP @ + (7'-0" AFF)	CONTRACTOR
MB2	6'-0"W x 4'-0"H MARKERBOARD	10 11 00	CLARIDGE	SEE SPECS	MOUNT TOP @ + (7'-0" AFF)	CONTRACTOR
MB3	8'-0"W x 4'-0"H MARKERBOARD	10 11 00	CLARIDGE	SEE SPECS	MOUNT TOP @ + (7'-0" AFF)	CONTRACTOR
TV1	86" DISPLAY	11 31 00	PLANAR SYSTEMS	UR8651-MX	MOUNT TOP @ + (7'-0" AFF) WITH PLANAR PROFILE MOUNTING SYSTEM (TV W/ MOUNT 3.4" DEPTH)	OWNER
WC1	DRINKING FOUNTAIN	22 47 00	ELKAY	SEE PLUMBING SHEETS	-	CONTRACTOR
WS1	WALL MOUNTED WIRE SHELVING W/ HANGER ROD	10 57 00	CLOSETMAID	305	PVC COATED	CONTRACTOR

CASEWORK SCHEDULE						
TYPE MARK	DESCRIPTION	SPEC. SECTION	MANUFACTURER	MODEL NO.	SIZE	REMARKS
B1	BASE CASEWORK	12 32 16	STEVENS INDUSTRIES	41576	42"W x 32 1/2"H x 24"D	-
SS1	SOLID SURFACE COUNTER TOP - 12" DEEP	12 32 16	STEVENS INDUSTRIES	-	30"H x 12 1/2"D	-
SS1	SOLID SURFACE COUNTER TOP - 25" DEEP	12 32 16	STEVENS INDUSTRIES	-	36"H x 25"D	-

TOILET ACCESSORY SCHEDULE						
TYPE MARK	ITEM DESCRIPTION	MANUFACTURER	MODEL #	MOUNTING HEIGHT		
T1	SOAP DISPENSER - SURFACE MOUNTED	BY OWNER	-	-		
T2	GLASS MIRROR - STAINLESS STEEL ANGLE FRAME	BOBRICK	B-165	-		
T3	TOILET TISSUE DISPENSER - SURFACE MOUNTED	BY OWNER	-	MOUNT AS REQUIRED FOR ADA. COORDINATE LOCATION WITH GRAB BARS.		
T4	SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	TOP @ 30" A.F.F.		
T5	GRAB BAR - 42"	BOBRICK	-	-		
T6	GRAB BAR - 18"	BOBRICK	-	-		
T7	GRAB BAR - 36"	BOBRICK	-	-		
T8	INSTADRY SERIES SURFACE-MOUNTED AUTOMATIC HAND DRYER	BOBRICK	B-7125	-		
T9	TOILET PARTITION	SEE SPEC #10 21 13	-	-		
T12	24" x 24" ACCESS PANEL	NYSTROM	NTL 24x24	-		
T13	3-POLE MOP RACK	BOBRICK	B224	MOUNT TOP @ 48" AFF.		

GLASS SCHEDULE

- A. 1" THICK TEMPERED, LOW E, INSULATING GLAZING WITH 2 PANE 1/4" GLASS AND 1/2" AIRSPACE.
- ABBREVIATIONS LEGEND**
- AL = ALUMINUM
AN = ANODIZED
BL = BORROWED LITE
GHM = GALVANNEALED HOLLOW METAL
GL = GLASS
HM = HOLLOW METAL
PT = PAINT
ST = STAIN
SS = STAINLESS STEEL
STL = STEEL
WD = WOOD
90M = 90 MINUTE ASSEMBLY RATING
- = SEE REMARKS COLUMN FOR NOTES

GENERAL DOOR NOTES

- A. THESE GENERAL NOTES APPLY TO THE DOOR SCHEDULE.
- B. DOOR AND FRAME NUMBERS CORRESPOND TO RESPECTIVE ROOM NUMBER. IN ROOMS WITH MULTIPLE OPENINGS, A NUMERICAL SUFFIX HAS BEEN ADDED TO DOOR NUMBERS.
- C. VERTICAL FRAMING MEMBERS AT ALL DOOR FRAMES SHALL EXTEND TO STRUCTURE ABOVE.
- D. UNDERCUT ALL DOORS AS REQUIRED BY FINAL FINISH.
- E. PROVIDE CONTINUOUS SEALANT BETWEEN HOLLOW METAL FRAME PERIMETERS AND SURROUNDING WALL CONSTRUCTION.
- F. PROVIDE CONTINUOUS SEALANT BETWEEN INTERIOR AND EXTERIOR WINDOW, CURTAINWALL AND STOREFRONT FRAME PERIMETERS AND SURROUNDING CONSTRUCTION UNLESS NOTED OTHERWISE.
- G. GROUT FILL HOLLOW METAL FRAMES IN MASONRY CONSTRUCTION.
- H. WHERE A FIRE RATING IS INDICATED ON THE DOOR SCHEDULE, HARDWARE AND DOOR ASSEMBLY COMPONENTS SHALL MEET THE REQUIREMENTS OF THAT LABEL.
- I. WHERE AN STC RATING IS INDICATED ON THE DOOR SCHEDULE, HARDWARE AND DOOR ASSEMBLY COMPONENTS SHALL MEET THE REQUIREMENTS OF THAT LABEL.
- J. INSTALL DOOR GLASS USING WET GLAZING METHOD.
- K. ALL UNITS ABOVE EXTERIOR OPENINGS SHALL BE GALVANIZED.
- L. COORDINATE THROAT OPENINGS WITH WALL WIDTH FOR ALL WRAP AROUND FRAMES.
- M. ALL NEW HOLLOW METAL DOORS, FRAMES AND BORROWED LITE FRAMES TO BE PAINTED (EP2) AS INDICATED ON THE 8800 SERIES FINISH PLANS.
- N. PROVIDE SILENCERS ON ALL DOOR FRAMES.
- O. SEE STRUCTURAL DRAWINGS FOR REQUIREMENTS FOR MASONRY AND STEEL UNITS. PROVIDE STRUCTURAL STEEL UNITS AT OPENINGS OPENINGS WHERE INDICATED ON THE STRUCTURAL STEEL DRAWINGS IN LIEU OF MASONRY UNITS AS SHOWN IN THESE DETAILS.
- P. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO FABRICATION OF DOORS AND FRAMES. BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT.

GENERAL CASEWORK NOTES

- A. PROVIDE FILLER PANELS AT ALL LOCATIONS WHERE CASEWORK IS FLANKED BY WALLS AS REQUIRED TO CLOSE OFF SPACE AND PROVIDE A NEAT FINISHED INSTALLATION. PROVIDE EQUAL FILLER PANELS AT EITHER SIDE OF CASEWORK TO BALANCE APPEARANCE.
- B. PROVIDE FINISHED ENDS AT ALL CABINET SIDES PARTIALLY OR FULLY EXPOSED TO VIEW.
- C. SEE INTERIOR CASEWORK ELEVATIONS FOR DOOR SWING.
- D. PROVIDE COUNTER GROMMETS FOR ALL OPEN KNEE SPACE COUNTERTOP INSTALLATIONS. LOCATION AND QUANTITY OF GROMMETS TO BE VERIFIED WITH OWNER IN FIELD.
- E. REFER TO A200 SERIES DRAWINGS FOR FINISHES NOT NOTED ON EQUIPMENT PLANS AND CASEWORK ELEVATIONS.

NOBLESVILLE SCHOOLS

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PROJECT:

**NOBLESVILLE HIGH SCHOOL
SOFTBALL LOCKER ROOM BUILDING**

18111 Cumberland Rd., Noblesville, IN 46060

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. The contractor shall be responsible for the procurement of all structural, mechanical and electrical systems. The contractor shall be responsible for the procurement of all materials and equipment required for the project. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
1 ADDENDUM #1 01/17/25

ISSUE DATE DRAWN BY CHECKED BY
01/10/25 MEW NW

DRAWING TITLE:
**SCHEDULES,
ENLARGED
PLAN AND
INTERIOR
ELEVATIONS**

CERTIFIED BY:
BRODLEY J. KROHN
REGISTERED ARCHITECT
No. AR10800070
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A501


PROJECT NUMBER
2024079

GENERAL DEMOLITION NOTES

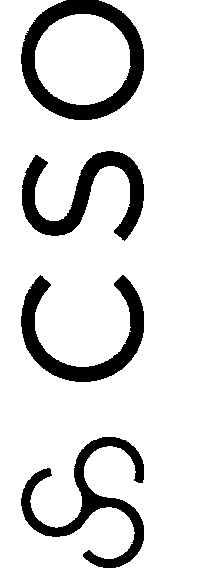
- A. HEAVY DASHED LINES INDICATE STRUCTURE, WALLS AND ITEMS TO BE DEMOLISHED UNLESS NOTED OTHERWISE.
- B. SOLID LINES INDICATE STRUCTURE, WALLS, & ITEMS TO REMAIN, UNLESS NOTED OTHERWISE.
- C. PROTECT ALL FINISHES, EQUIPMENT & OTHER ITEMS TO REMAIN, WHERE DAMAGE OCCURS, PATCH AND REPAIR OR OTHERWISE RESTORE TO ITS ORIGINAL CONDITION OR REPLACE.
- D. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION AND RELATED CONDITIONS PRIOR TO STARTUP OF DEMOLITION OR NEW CONSTRUCTION.
- E. COORDINATE EXTENTS AND EXACT DIMENSIONS WITH EXTENTS AND EXACT DIMENSIONS OF NEW WORK.
- F. ANY AND ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND OWNER.
- G. REMOVE ALL MISCELLANEOUS EQUIPMENT ATTACHED TO WALLS, FLOORS AND CEILINGS TO BE DEMOLISHED. COORDINATE WITH THE OWNER FOR ITEMS TO BE SALVAGED OR RE-INSTALLED.
- H. REMOVE ANY ITEMS NOT SPECIFICALLY IDENTIFIED TO BE REMOVED WHICH MUST OBVIOUSLY BE DEMOLISHED TO ACCOMMODATE NEW WORK. VERIFY WITH ARCHITECT.
- I. ALL OPENINGS, VOIDS, OR DAMAGED SURFACES LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, WINDOWS, ETC., SHALL BE PATCHED & REPAIRED TO MATCH SURROUNDING WORK. PREPARE TO RECEIVE NEW FINISHES AS REQUIRED.
- J. REMOVE ALL MASTIC, ADHESIVES, FASTENERS AND OTHER MATERIALS WHERE FINISHES (SUCH AS FLOORING, BASE) AND EQUIPMENT (SUCH AS CASEWORK, TACKBOARDS, MARKERBOARDS, MECHANICAL ITEMS, ETC.) HAVE BEEN REMOVED AT EXISTING SURFACES TO REMAIN.
- K. CONSTRUCT DUST AND SOUND CONTROL BARRIERS PRIOR TO THE START OF WORK.
- L. SEE SPECIFICATIONS FOR ASSIGNMENT OF RESPONSIBILITIES PERTAINING TO PATCHING AND REPAIR WORK REQUIRED OF EACH TRADE.
- M. DEMOLITION WORK TO BE COMPLETED BY MECHANICAL, PLUMBING, ELECTRICAL TRADES IS SHOWN ON OTHER SHEETS IN THIS SET OF CONTRACT DOCUMENTS. THIS CONTRACTOR SHALL REVIEW THE DEMOLITION WORK OF OTHER TRADES TO DETERMINE WHERE SUCH WORK COULD AFFECT HIS WORK AND SHALL COORDINATE HIS WORK WITH THE WORK OF ALL OTHER TRADES.
- N. AT NEW OPENINGS IN EXISTING BRICK MASONRY WALLS, TOOTH IN BRICK TO MATCH EXISTING.
- O. AT NEW OPENINGS IN EXISTING CONCRETE MASONRY WALLS, TOOTH IN NEW CMU TO MATCH EXISTING.
- P. WHERE EXISTING SURFACE MOUNTED VISUAL DISPLAY BOARDS (MARKER, CHALK, TACK BOARDS) ARE BEING REMOVED FROM WALLS, WALL SURFACE BEHIND BOARD IS TO BE PREPARED TO MATCH TEXTURE OF SURROUNDING SURFACES. PROVIDE BLOCK FILLER AS REQUIRED AND PATCH MOUNTING HOLES COMPLETE. REMOVE PAINT BUILD UP AT BOARD EDGES.
- Q. CONTRACTOR IS RESPONSIBLE FOR PREP WORK REQUIRED FOR FLOOR SLAB TO RECEIVE NEW FINISHES. PREP WORK TO INCLUDE: PATCH FLOOR SLAB AT AREAS THAT WILL BE CUT TO ACCOMMODATE NEW PLUMBING LINES OR WHERE CAPPING OF EXISTING LINES BELOW THE SLAB IS REQUIRED AND FILLING IN HOLES IN SLAB WHERE EXISTING MEP HAS BEEN ABANDONED.

DEMOLITION NOTES

- 1 REMOVE BUILDING ELEMENTS, COMPLETE. COORDINATE EXTENTS OF EXISTING TO REMAIN WITH STRUCTURAL DRAWINGS.
- 2 WALLS AND FLOOR SLAB TO BE REMOVED DOWN TO FOOTINGS AND FOUNDATION WALLS. EXISTING FOOTING AND FOUNDATIONS TO REMAIN. REFER TO DETAIL 2AD201 FOR MORE INFORMATION.
- 3 FOOTINGS AND FOUNDATION WALLS TO BE REMOVED, COMPLETE. COORDINATE WITH STRUCTURAL DRAWINGS TO CONFIRM EXTENTS OF EXISTING TO REMAIN.



NOBLESVILLE SCHOOLS



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PROJECT:
**NOBLESVILLE HIGH SCHOOL
SOFTBALL LOCKER ROOM BUILDING**
18111 Cumberland Rd., Noblesville, IN 46060

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design content, the structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the performance and completion of the requirements of the Contract.
On the basis of the general scope indicated on drawings, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #1	01/17/25
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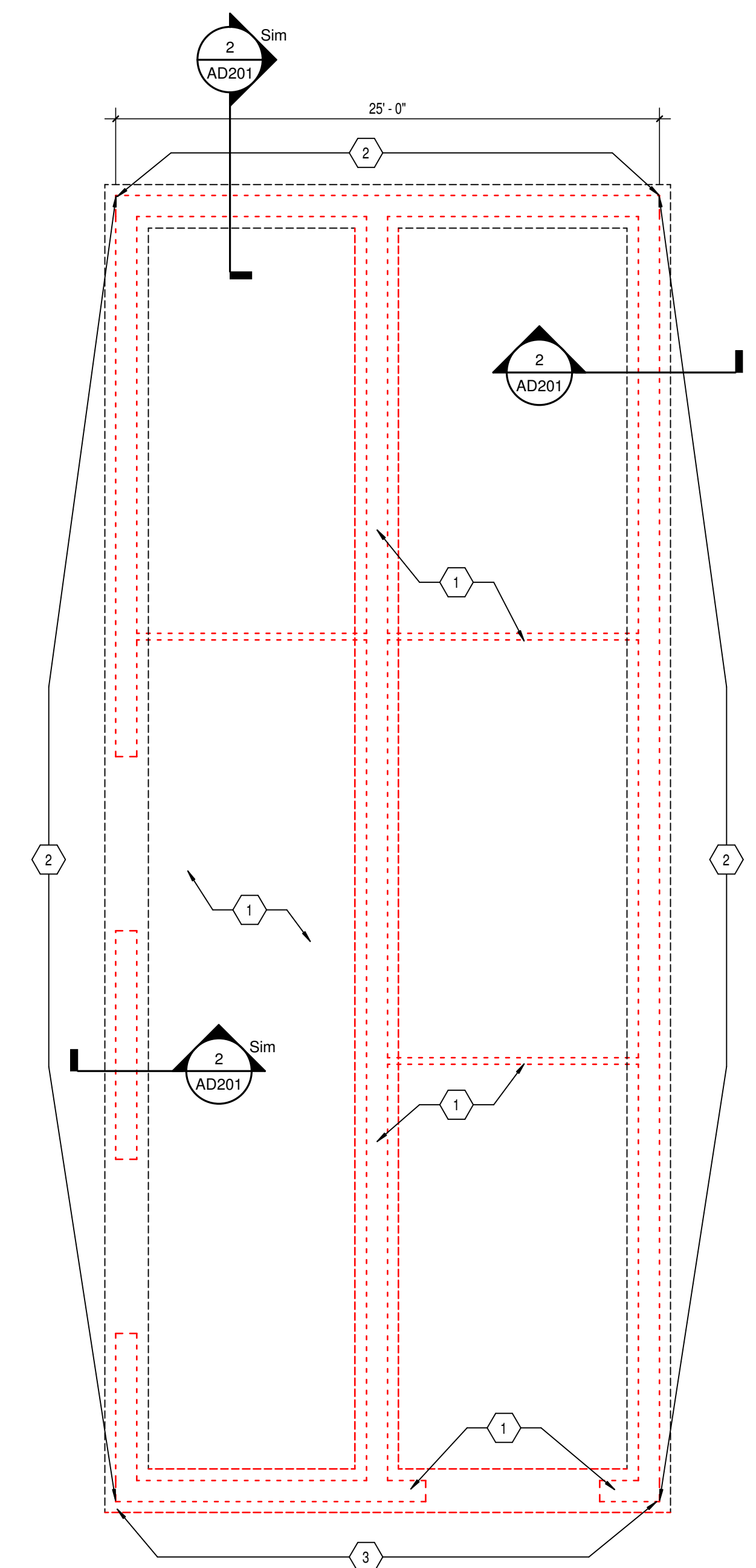
ISSUE DATE	DRAWN BY	CHECKED BY
01/10/25	MEW	NW

DRAWING TITLE
DEMO FLOOR PLAN AND SECTIONS

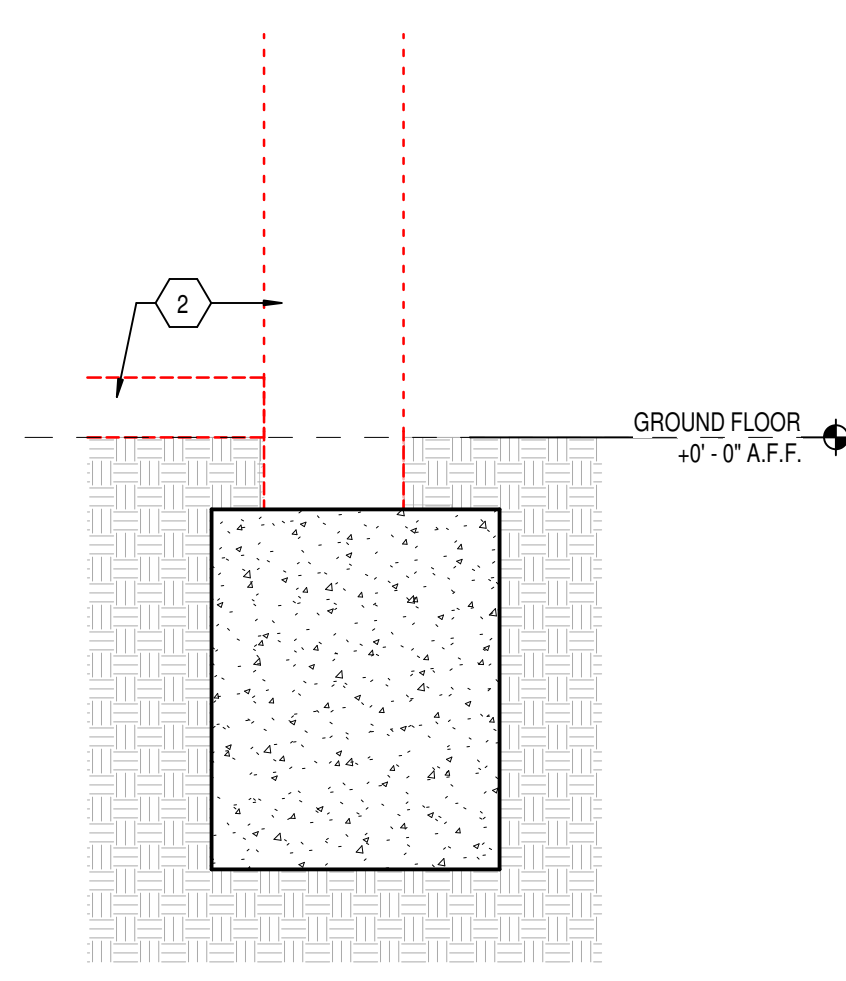
CERTIFIED BY:
BRADLEY J. KROWN
REGISTERED
No. AR10800070
STATE OF INDIANA
ARCHITECT
Bradley J. Krown

DRAWING NUMBER
AD201

PROJECT NUMBER
2024079



1 DEMO FLOOR PLAN
AD201 SCALE: 3/16" = 1'-0"
NORTH



2 DEMO SECTION DETAIL
AD201 SCALE: 3/4\"/>

RENOVATION LEGEND:

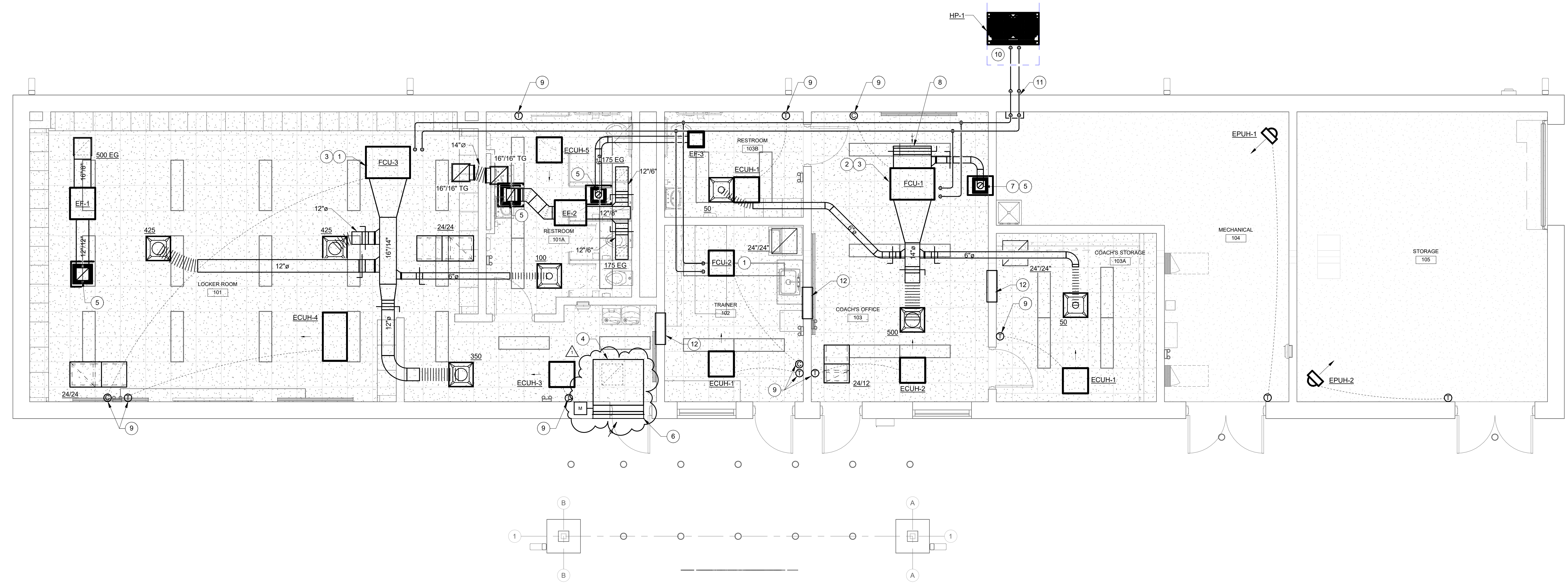
- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES - AIR DISTRIBUTION:

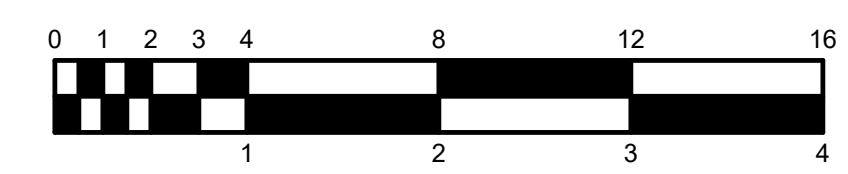
- VRF SYSTEM: REFER TO SECTION 23 81 35 FOR ADDITIONAL REQUIREMENTS. PIPE SIZING, LAYOUT, AND LOCATION OF ZONE / BRANCH VALVES SHALL BE INCLUDED WITH VRF SUBMITTAL AND BE APPROVED BY THE ENGINEER.
- INSTALL VRF OUTDOOR UNIT LEVEL ON VIBRATION ISOLATIONS PADS ON 6" TALL CONCRETE EQUIPMENT PAD, PAD 4" WIDER THAN UNIT IN EACH DIRECTION.
- ARCHITECTURAL SCREENWALL AROUND VRF OUTDOOR UNIT IS BY OTHERS REFER TO ARCHITECTURAL PLANS.
- LOUVERS: REFER TO SECTION 23 37 13. CUSTOM COLOR BY ARCHITECT.
- REFER TO ELECTRICAL PLANS FOR CONTROL OF EXHAUST FANS AND CABINET/PROPELLER UNIT HEATER WARM WEATHER LOCK-OUT CONTROLS.
- PROVIDE BACK DRAFT DAMPER AT DISCHARGE OF ALL EXHAUST FANS.
- ALL EXHAUST AND OUTDOOR AIR DUCTWORK SHALL BE INSULATED FROM DAMPER TO BUILDING ENVELOPE INSULATION. REFER TO SECTION 20 01 80 FOR ADDITIONAL INFORMATION.
- ROOF HOODS TO BE PROVIDED WITH SLOPED CURBS. HOODS AND CURBS SHALL BE PAINTED IN CUSTOM COLOR BY ARCHITECT. REFER TO SECTION 20 00 50 FOR PAINT REQUIREMENTS.
- REFER TO SECTION 23 23 00 FOR REFRIGERANT PIPING REQUIREMENTS AND SECTION 20 00 60 FOR CONDENSATE PIPING REQUIREMENTS.
- CONDENSATE DRAIN LINES SHALL BE 3/4" FROM CONNECTION AT FCU TO TERMINATION.
- REFER TO SHEET PM001 FOR ADDITIONAL INFORMATION.

PLAN NOTES:

1. ROUTE CONDENSATE DRAIN DOWN IN BATHROOM CHASE AND TERMINATE AT FLOOR DRAIN WITH AIR GAP FITTING. REFER TO PLUMBING PLANS.
2. ROUTE CONDENSATE DRAIN TO MOP SINK IN ADJACENT ROOM.
3. PROVIDE SECONDARY DRAIN PAN WITH CONNECTION TO CONDENSATE DRAIN.
4. 16" H. PLENUM WITH DUCT TAP BELOW TO 20" x 20" GRILLE IN CEILING. PLENUM SHALL BE INTERNALLY LINED IN ENTIRETY AND ADDITIONALLY WRAPPED WITH 1" DUCT WRAP.
5. ROOF HOOD ON ROOF. REFER TO SHEET ME-201.
6. LOUVER, 48" W. X 16" H. WITH INSULATED BLADE MOTORIZED DAMPERS BEHIND. POWERED OPEN. SPRING RETURN MOTORIZED DAMPERS. INTERLOCK WITH EXHAUST FANS (SEE ELECTRICAL PLANS). REFER TO SECTION 23 33 00 FOR ADDITIONAL DAMPER REQUIREMENTS. MOTORIZED DAMPER ACTUATOR SHALL BE ACCESSIBLE FROM BELOW.
7. BACK DRAFT DAMPER.
8. PROVIDE SHEET METAL MIXING BOX WITH ACCESS TO FCU FILTERS.
9. MANUFACTURER'S FAN COIL THERMOSTAT/CONTROLLER OR UNIT HEATER THERMOSTAT. ROUTE CONTROL WIRING DOWN IN WALL.
10. MAINTAIN OUTDOOR UNIT 4'-0" FROM WALL OF BUILDING AND MINIMUM 30" CLEAR OF TRANSFORMER. EXTERIOR PIPING MUST BE SUPPORTED ABOVE GRADE WITH STAINLESS STEEL SUPPORTS AND HARDWARE. EXTERIOR PIPING INSULATION SHALL BE WRAPPED IN MULTILAYER WEATHERPROOF JACKET PER SECTION 20 01 80.
11. ROUTE PIPING OUTSIDE OF WALL TO 30" A.F.F. THEN THROUGH WALL. CONTINUE UP INSIDE OF WALL. COVER INTERIOR PIPING WITH 16 GA. GALVANIZED SHEET METAL PROTECTIVE SHROUD, NOM. 6" W x 4" D, FLOOR TO 9'-0" A.F.F.
12. 32"x8" TRANSFER OPENING IN CMU WALL ABOVE CEILING.



SOFTBALL LOCKER ROOM - MECHANICAL
SCALE: 1/4" = 1'-0"
NORTH



MARK NO	DRAWING NAME & OR PURPOSE	SPECIFICATION				MANUFACTURE R & MODEL NO	CFM	OPERATING DATA						MOTOR DATA			WEIGHT (LBS)	REMARKS
		SECTION	NAME	EQUIPMENT TYPE				TIP SPEED (FPM)	TOT STAT PRESS	RPM	BHP	SONES	DRIVE	WHEEL DIA	HP/KW	VOLTS		
EF-1	101 LOCKER	23 34 23	HVAC POWER VENTILATORS	IN-LINE FAN	GREENHECK SQ-95-VG	500	4,561	0.5	1,602	0.11	-	DIRECT	-	1/4	120	1	-	DISCONNECT, BACKDRAFT DAMPER, VARIGREEN.
EF-2	101A RESTROOM	23 34 23	HVAC POWER VENTILATORS	IN-LINE FAN	GREENHECK SQ-95-VG	350	4,192	0.5	1,473	0.08	-	DIRECT	-	1/4	120	1	-	DISCONNECT, BACKDRAFT DAMPER, VARIGREEN.
EF-3	103B RESTROOM	23 34 23	HVAC POWER VENTILATORS	CEILING FAN	GREENHECK SP-A125	70	-	0.35	1,100	-	-	DIRECT	-	20 WATTS	120	1	-	DISCONNECT, BACKDRAFT DAMPER, BALANCE DAMPER.

NOTES:
SF SUPPLY FAN EF EXHAUST FAN
RF RETURN FAN

MARK NO	DRAWING NAME & OR PURPOSE	SPECIFICATION				MANUFACTURER & MODEL NO	COOLING CAPACITY			HEAT CAPACITY		COMPRESSOR		ELECTRICAL DATA			WEIGHT (LBS.)	REMARKS
		SECTION	NAME	EQUIPMENT TYPE			NOMINAL TONS	AMBIENT TEMP	EER	MBH	AMBIENT TEMP	REFRIGERANT QUANTITY	TYPE	MCA	VOLTS	PHASE		
HP-1	M201	23 81 35	MULTI-SPLIT AIR CONDITIONING	OUTDOOR UNIT	TRANE NTXMSM60A182BA	5.0	95.0	11.9	66.0	47.0	R-410A	1	SCROLL	36.0	240	1	-	HEAT PUMP, DISCONNECT.

MARK NO	DRAWING NAME & OR PURPOSE	SPECIFICATION				MANUFACTURER & MODEL NO	CAPACITY		AIRFLOW		ELECTRICAL DATA				WEIGHT (LBS.)	REMARKS
		SECTION	NAME	EQUIPMENT TYPE			THC	SHC	HEATING	HI	LOW	MCA	MOCPC	VOLTS		
FCU-1	103 COACH OFFICE	23 81 35	MULTI-SPLIT AIR CONDITIONING	DUCTED HORIZONTAL	TRANE TPEFY018	18.0	-	20.0	883	618	2.88	15	230	1	67	DISCONNECT, REMOTE THERMOSTAT/CONTROLLER, MEDIUM STATIC, FILTER BOX.
FCU-2	102 TRAINER	23 81 35	MULTI-SPLIT AIR CONDITIONING	CEILING CASSETTE	TRANE TPKFY006	6.0	-	6.7	191	141	0.24	15	230	1	25	DISCONNECT, REMOTE THERMOSTAT/CONTROLLER.
FCU-3	101 LOCKER	23 81 35	MULTI-SPLIT AIR CONDITIONING	DUCTED HORIZONTAL	TRANE TPEFY036	36.0	-	40.0	1,271	883	4.25	15	230	1	84	DISCONNECT, REMOTE THERMOSTAT/CONTROLLER, MEDIUM STATIC, FILTER BOX.

MARK NO	PURPOSE	SPECIFICATION				MANUFACTURER & MODEL NO	ELECTRIC DATA			DEPTH	WIDTH	HEIGHT	INSTALLED HEIGHT	STYLE	WEIGHT (LBS)	REMARKS
		SECTION	NAME	EQUIPMENT TYPE			WATTS	VOLTS	PHASE							
ECUH-1	103A COACH STORAGE/103B RESTROOM/102 TRAINER	23 82 40	UNIT HEATERS - ELECTRIC	CEILING MOUNTED UNIT HEATER	MARKEL HF-3384D-RP	1,500	240	1	-	-	-	-	FULLY RECESSED	-	2 x 2 T-BAR MOUNTING KIT, INTEGRAL THERMOSTAT, DISCONNECT.	
ECUH-2	103 COACH OFFICE	23 82 40	UNIT HEATERS - ELECTRIC	CEILING MOUNTED UNIT HEATER	MARKEL HF-3386D-RP	3,000	240	1	-	-	-	-	FULLY RECESSED	-	2 x 2 T-BAR MOUNTING KIT, INTEGRAL THERMOSTAT, DISCONNECT.	
ECUH-3	101 LOCKER	23 82 40	UNIT HEATERS - ELECTRIC	CEILING MOUNTED UNIT HEATER	MARKEL HF-3386D-RP	4,000	240	1	-	-	-	-	FULLY RECESSED	-	2 x 2 T-BAR MOUNTING KIT, INTEGRAL THERMOSTAT, DISCONNECT.	
ECUH-4	101 LOCKER	23 82 40	UNIT HEATERS - ELECTRIC	CEILING MOUNTED UNIT HEATER	MARKEL 6300 SERIES	12,000	240	1	46"	53"	9-1/2"	-	FULLY RECESSED	-	LINE VOLTAGE THERMOSTAT, TRIM KIT, DISCONNECT.	
ECUH-5	101A RESTROOM	23 82 40	UNIT HEATERS - ELECTRIC	CEILING MOUNTED UNIT HEATER	MARKEL HF-3384D-RP	2,000	240	1	-	-	-	-	FULLY RECESSED	-	2 x 2 T-BAR MOUNTING KIT, INTEGRAL THERMOSTAT, DISCONNECT.	
EPUH-1	104 MECHANICAL	23 82 40	UNIT HEATERS - ELECTRIC	PROPELLER UNIT HEATER	TRANE UHEC-03	3,300	240	1	-	-	-	-	HORIZONTAL THROW	-	WALL BRACKET, LINE VOLTAGE THERMOSTAT, DISCONNECT.	
EPUH-2	105 STORAGE	23 82 40	UNIT HEATERS - ELECTRIC	PROPELLER UNIT HEATER	TRANE UHEC-07	7,500	240	1	-	-	-	-	HORIZONTAL THROW	-	WALL BRACKET, LINE VOLTAGE THERMOSTAT, DISCONNECT.	

MARK NO	DRAWING NAME & OR PURPOSE	SPECIFICATION				MANUFACTURER & MODEL NO	MAX CFM	ΔP AT MAX CFM	THROAT		HOOD SIZE	ROOF CURB HEIGHT	REMARKS
		SECTION	NAME	EQUIPMENT TYPE	LENGTH				WIDTH				
RIV-A	103 COACH OFFICE	23 37 23	HVAC GRAVITY VENTILATORS	INTAKE	GREENHECK FGI	211	0.030	8"	8"	22" x 27"	12" SLOPED	BIRDSCREEN, CUSTOM COLOR BY ARCHITECT.	
RRV-A1 & A2	101 LOCKER/101A RESTROOM	23 37 23	HVAC GRAVITY VENTILATORS	RELIEF	GREENHECK FGR	559	0.043	12"	12"	26" x 27"	12" SLOPED	BIRDSCREEN, CUSTOM COLOR BY ARCHITECT.	
RRV-B1	103B RESTROOM	23 37 23	HVAC GRAVITY VENTILATORS	RELIEF	GREENHECK FGR	186	0.024	8"	8"	22" x 27"	12" SLOPED	BIRDSCREEN, CUSTOM COLOR BY ARCHITECT.	

NOTES:
RRV ROOF RELIEF VENT
RIV ROOF INTAKE VENT

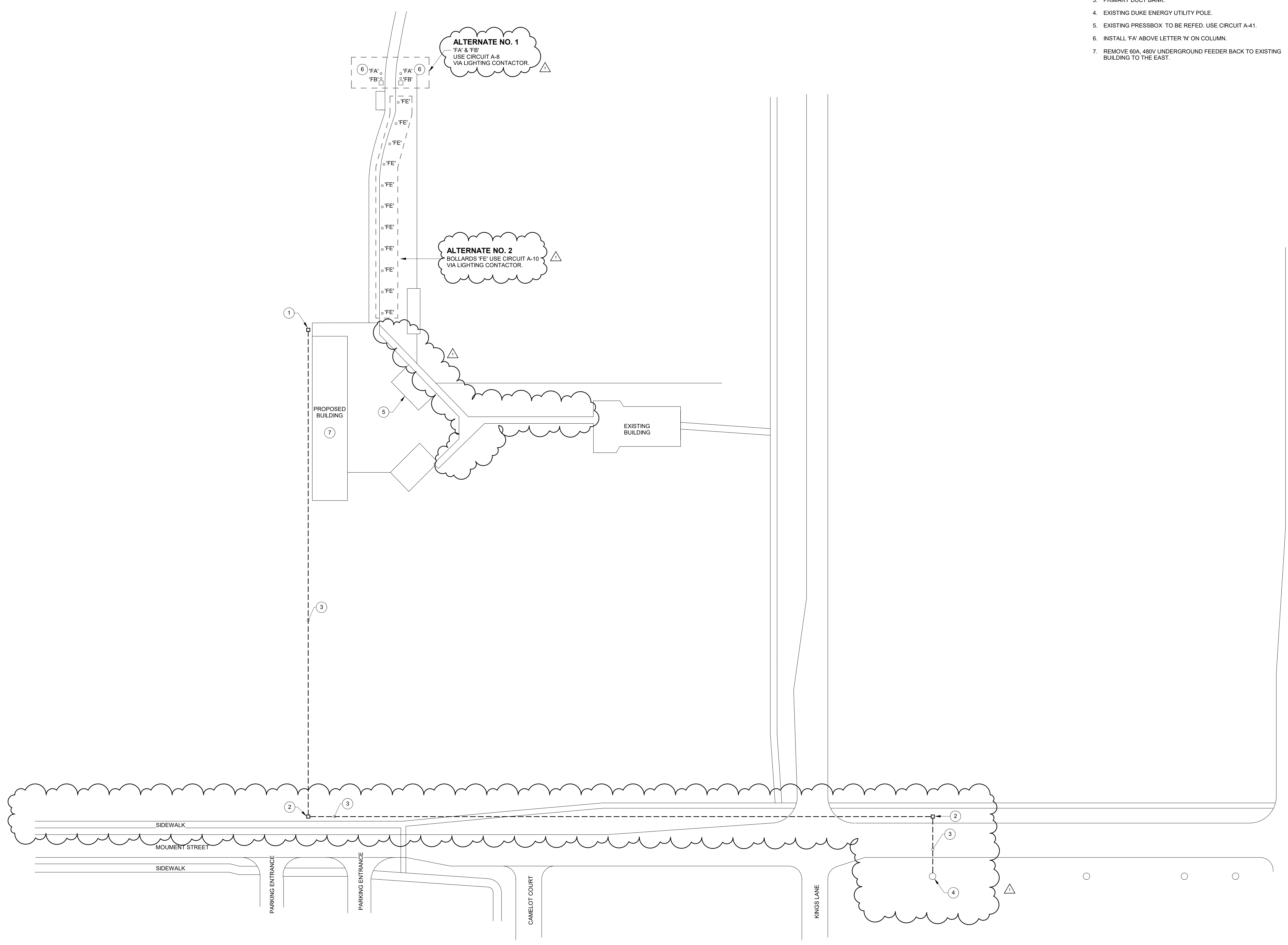
MARK NO	NOMINAL GRILLE SIZE	MAX N.C.	MAX ΔP	CFM RANGE	REMARKS
0 - 170	8/8	20	0.1"	0 - 170	
175 - 240	10/10	20	0.1"	175 - 240	-
245 - 400	12/12	20	0.1"	245 - 400	-
405 - 520	14/14	20	0.1"	405 - 520	-
525 - 640	16/16	20	0.1"	525 - 640	-
645 - 830	18/18	20	0.1"	645 - 830	-
835 - 1050	20/20	20	0.1"	835 - 1050	-
1055 - 1400	24/24	20	0.1"	1055 - 1400	-

CFM EG - EXHAUST GRILLE
RG - RETURN GRILLE

MARK NO	GRILLE SIZE	CFM RANGE	DUCTED ELBOW SIZE	'X' DIMEN.	REMARKS
24/6	22/6	0 - 240	22/6	12"	
24/12	22/12	241 - 500	22/12	18"	
24/24	22/22	501 - 900	22/22	24"	
48/24	46/22	901 - 1500	46/12	36"	

NOTES:
1. INSIDE OF DUCT TO BE BLACK.
2. DUCT SUPPORTED FROM STRUCTURE, NOT CEILING GRID.

MARK NO	SPECIFICATION NAME	MANUFACTURER AND MODEL NO.	CFM RANGE	MAX. N.C.	NECK DIA.	FACE SIZE	CEILING MODULE SIZE
50 - 120	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	50 - 120	15	6"	24/24	24/24
125 - 245	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	125 - 245	19	8"	24/24	24/24
250 - 325	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	250 - 325	19	10"	24/24	24/24
330 - 475	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	330 - 475	19	12"	24/24	24/24
480 - 645	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	480 - 645	18	14"	24/24	24/24
650 - 735	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	650 - 735	18	15"	24/24	24/24
130 - 190	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	130 - 190	18	8" OVAL	(2) 3/4" SLOTS 48" LONG	N/A
191 - 230	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	191 - 230	19	8" OVAL	(2) 1" SLOTS 48" LONG	N/A
231 - 270	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	231 - 270	18	10" OVAL	(3) 3/4" SLOTS 48" LONG	N/A
371 - 340	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	271 - 340	20	10" OVAL	(3) 1" SLOTS 48" LONG	N/A
341 - 400	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	341 - 400	21	12" OVAL	(4) 3/4" SLOTS 48" LONG	N/A
401 - 520	LINEAR SLOT DIFFUSER	PRICE SDS SERIES OR EQUAL	401 - 520	22	12" OVAL	(4) 1" SLOTS 48" LONG	N/A



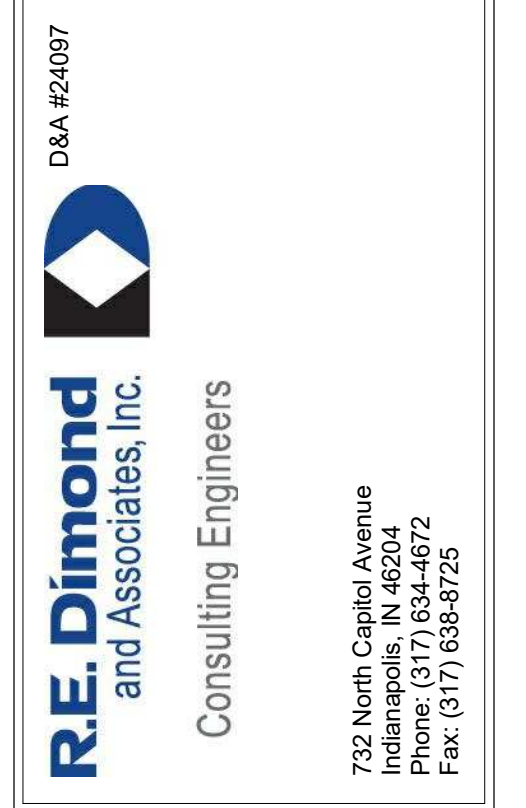
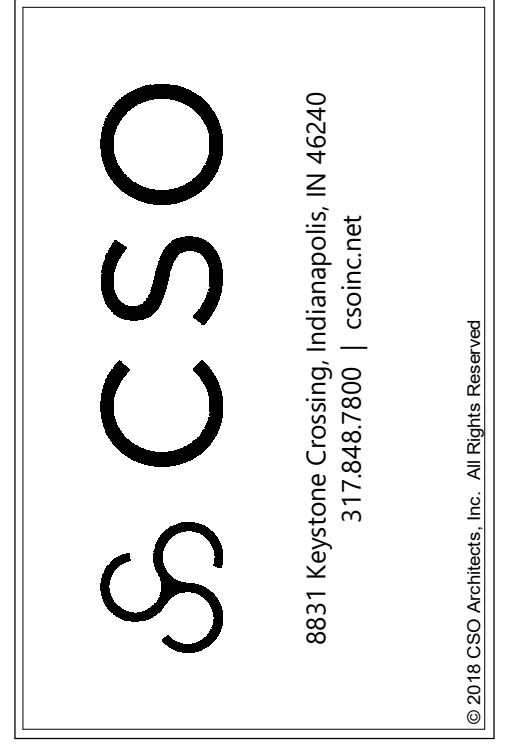
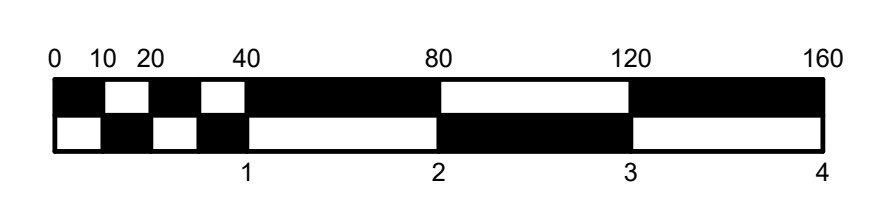
GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.
2. USE 6 AWG CONDUCTORS IN 1" C. UNO.

PLAN NOTES:

1. UTILITY TRANSFORMER.
2. HANDHOLE.
3. PRIMARY DUCT BANK.
4. EXISTING DUKE ENERGY UTILITY POLE.
5. EXISTING PRESSBOX TO BE REFEED. USE CIRCUIT A-41.
6. INSTALL 'FA' ABOVE LETTER 'N' ON COLUMN.
7. REMOVE 60A, 480V UNDERGROUND FEEDER BACK TO EXISTING BUILDING TO THE EAST.

SITE PLAN - POWER
SCALE: 1" = 40'-0"



PROJECT:
NOBLESVILLE HIGH SCHOOL SOFTBALL LOCKER ROOM BUILDING
18111 Cumberland Rd., Noblesville, IN 46060

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of mechanical design concept, the structure of electrical, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for the performance and completion of the project.
On the basis of the general scope indicated on drawings, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM 1	1-17-2025
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ISSUE DATE	DRAWN BY	CHECKED BY
12/20/2024	LPC	TH

DRAWING TITLE:
SITE PLAN - ELECTRICAL

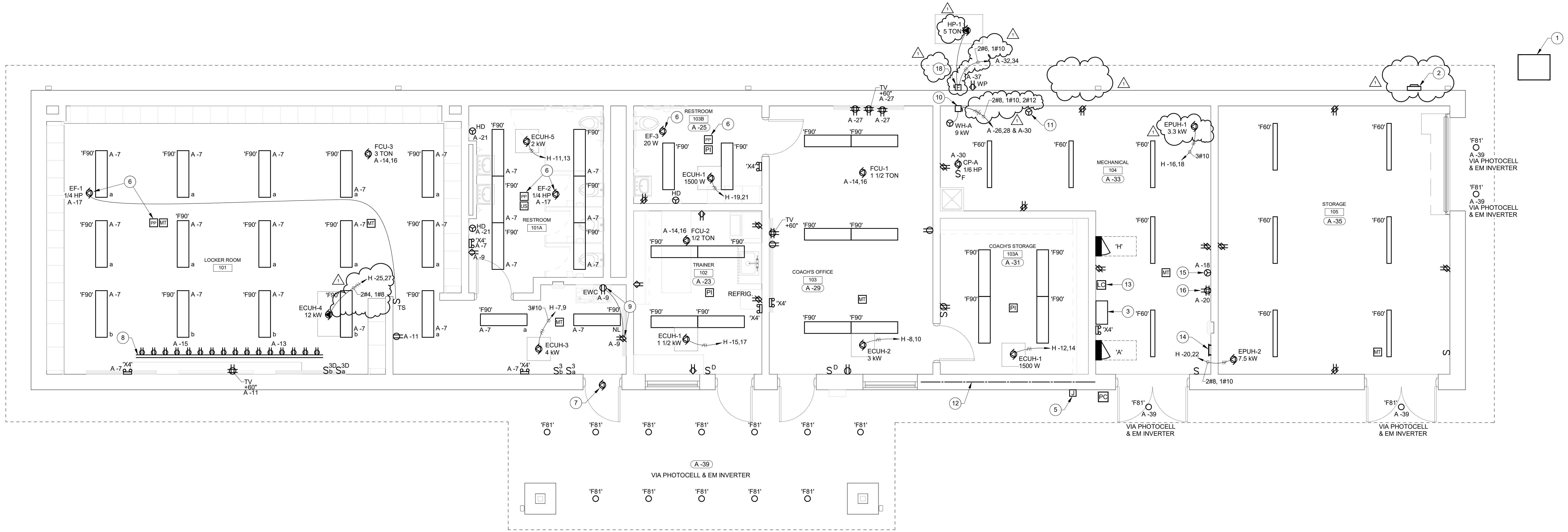
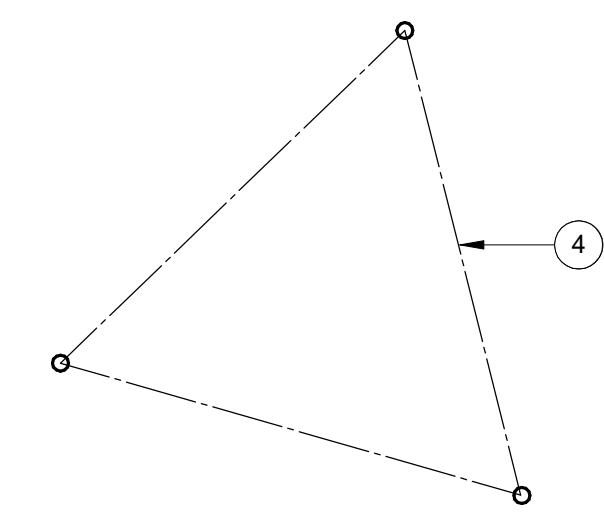


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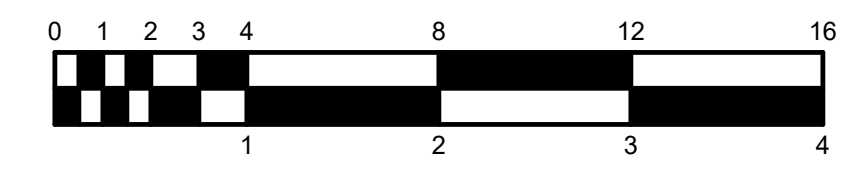
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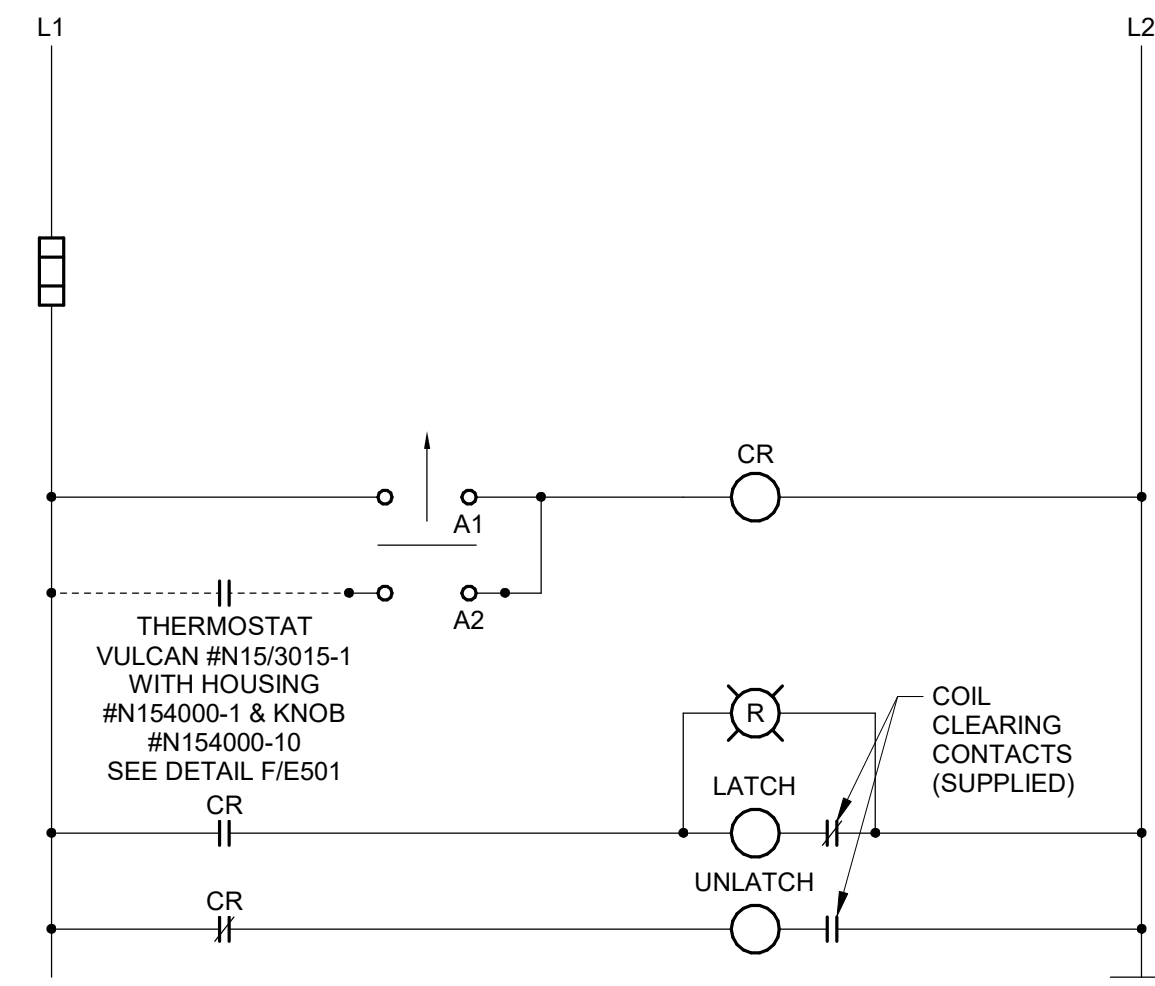
GENERAL NOTES:

- SEE E001 FOR GENERAL NOTES.
- PLAN NOTES:**
 - UTILITY TRANSFORMER.
 - UTILITY METER.
 - EMERGENCY LIGHTING INVERTER, 500W.
 - GROUNDING TRIANGLE. SEE DETAIL.
 - ELECTRIC HEAT THERMOSTAT. SEE DETAIL.
 - PROVIDE WIRE, CONDUIT, AND INTERLOCK EXHAUST FAN WITH LIGHTING OCCUPANCY SENSOR.
 - MOTORIZED DAMPER. PROVIDE WIRE, CONDUIT, AND INTERLOCK WITH EXHAUST FAN. EF-1 & EF-2.
 - FOUR (4) 5-FOOT LENGTHS OF WIREMOLD 2000 SERIES PLUGMOLD, CATALOG NO. WH20G80STRJAC. 15A POWER/USB-A/USB-C ON 9-INCH CENTERS. INSTALL ABOVE SHELF.
 - FEED EWC FROM LOAD SIDE OF GFCI TYPE RECEPTACLE INDICATED.
 - 60A, 2-POLE, 240-VOLT, NON-FUSIBLE SAFETY SWITCH IN NEMA 1 ENCLOSURE.
 - WATER SERVICE PIPE. SEE GROUNDING DETAILS.
 - CONCRETE-ENCASED ELECTRODE. SEE GROUNDING DETAILS.
 - EXTERIOR LIGHTING CONTACTOR. SEE DETAIL.
 - TMGB. SEE GROUNDING DETAILS.
 - EAC PANEL. SEE TELECOM DRAWINGS.
 - WALL MOUNTED DATA CABINET. SEE TELECOM DRAWINGS.
 - LABEL SWITCH "OFF IN WINTER".
 - 60A, 2-POLE, 240-VOLT, FUSIBLE SAFETY SWITCH IN NEMA 3R ENCLOSURE 40A FUSES.



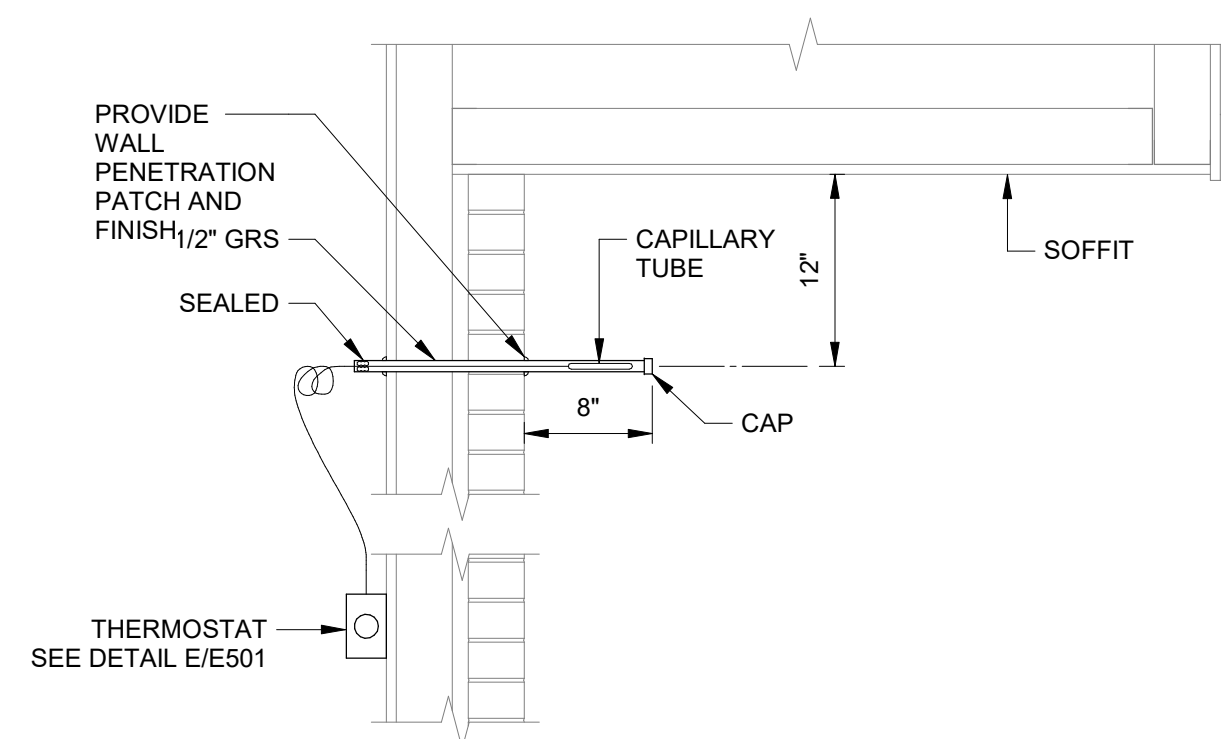
SOFTBALL LOCKER ROOM - ELECTRICAL
SCALE: 1/4" = 1'-0"
NORTH





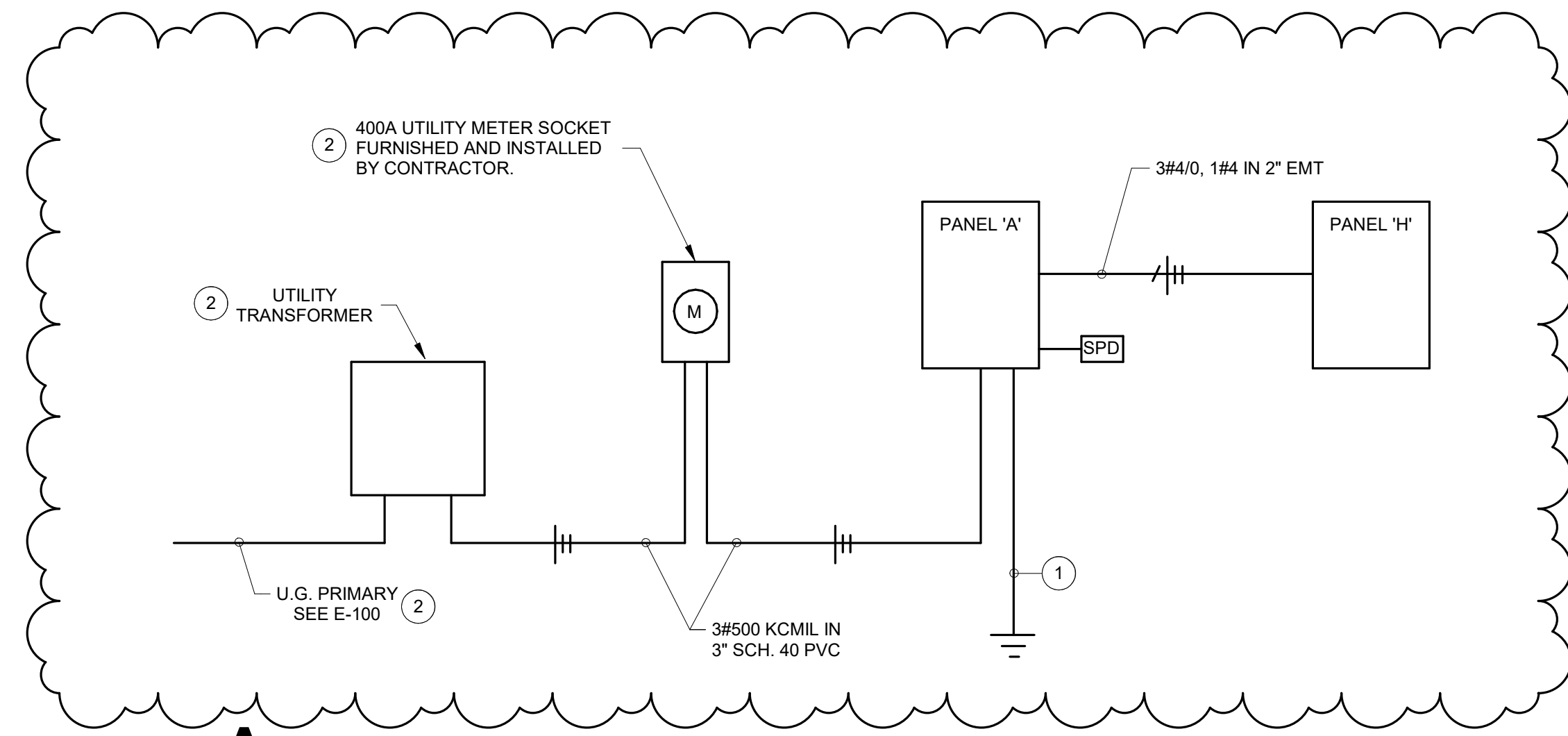
E PANEL 'H' ELECTRIC HEAT CONTACTOR

SCALE: NONE



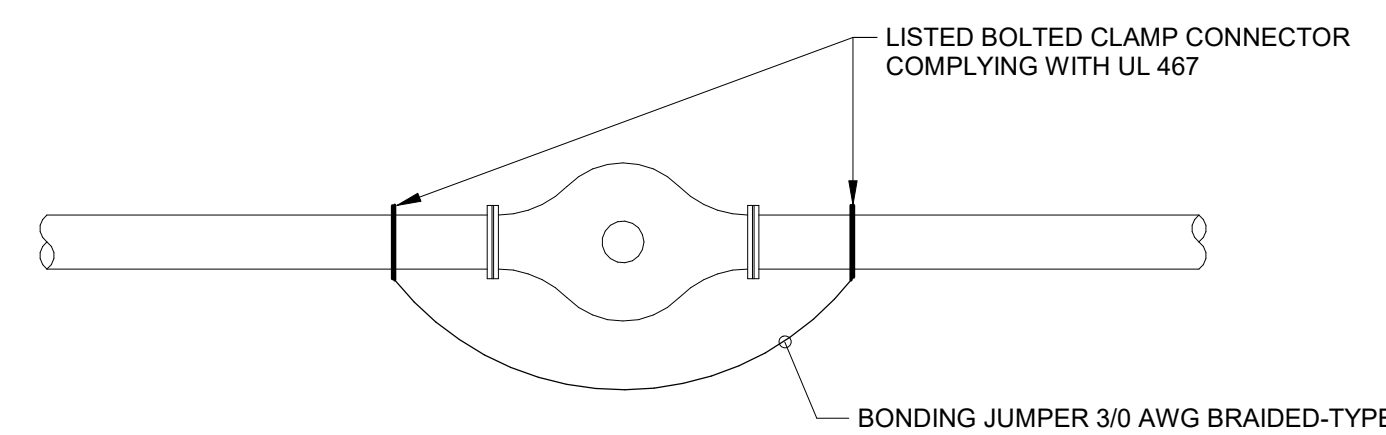
F ELECTRIC HEAT THERMOSTAT DETAIL

SCALE: NONE



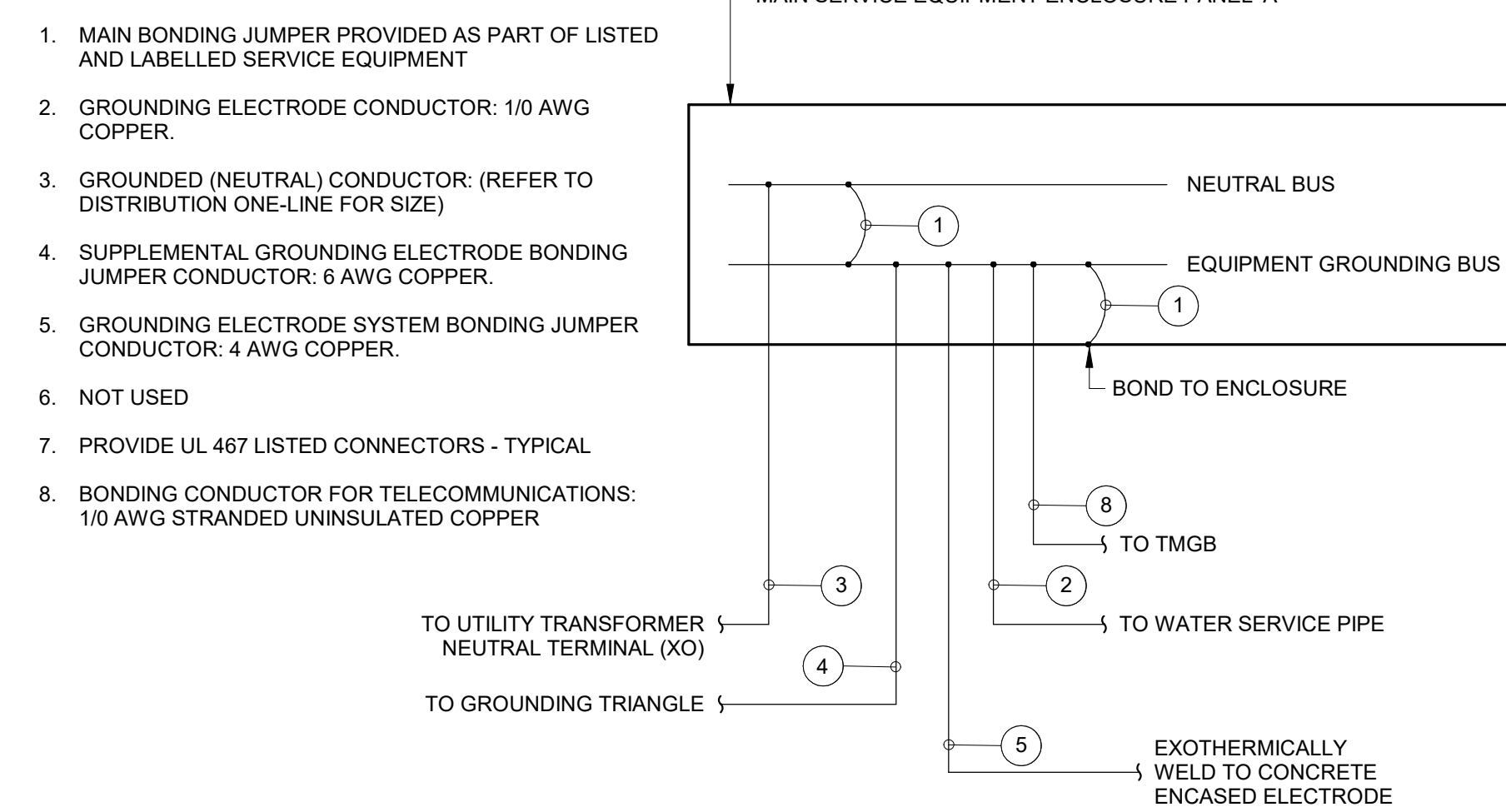
A RISER DIAGRAM - ELECTRICAL

SCALE: NONE



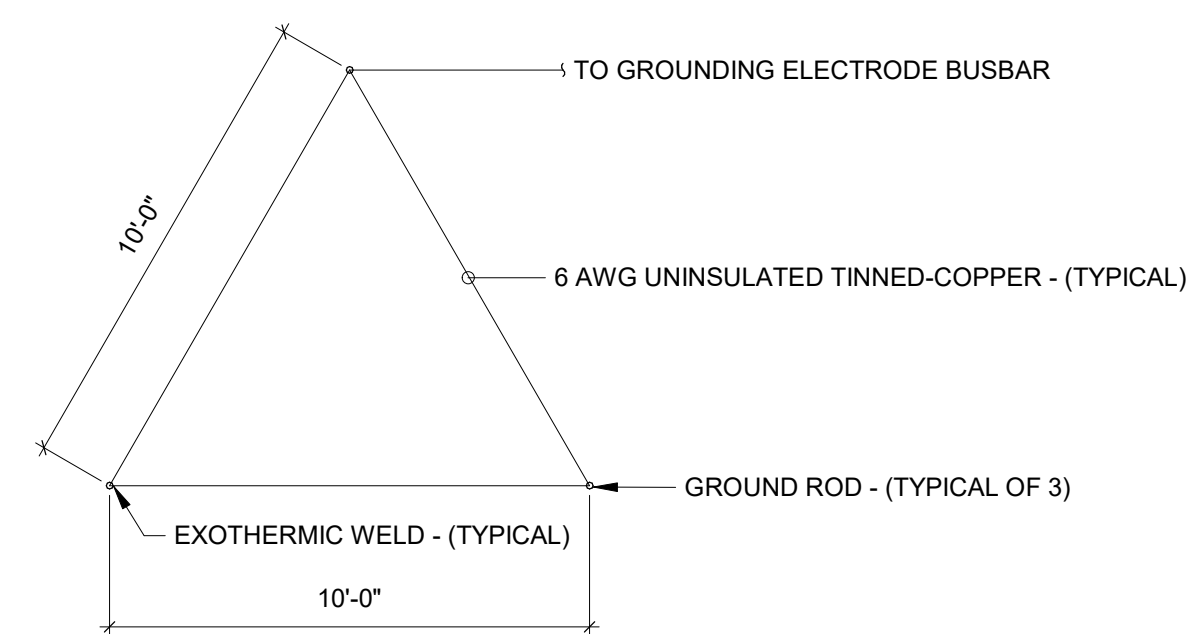
B TYPICAL BONDING JUMPER AT EACH WATER METER

SCALE: NONE



C MAIN SERVICE GROUNDING

SCALE: NONE



D TYPICAL GROUNDING TRIANGLE

SCALE: NONE

GENERAL NOTES:

- SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

- SEE GROUNDING DETAILS, THIS DRAWING.
- PROVIDE PER DUKE ENERGY SPECIFICATIONS.

LIGHT FIXTURE SCHEDULE									
MARK	DESCRIPTION	MOUNTING	WATTS	CRI	COLOR	LUMENS	VOLTS	MANUFACTURER(S)	MARK
F60	4-FOOT LENSED INDUSTRIAL, FORMED STEEL HOUSING, WHITE FINISH, SEMI-FROST ACRYLIC DIFFUSER	SUSPENDED	48 W	80	3500K	5000	120-277V	COLUMBIA MPS SERIES LITHONIA ZL1D SERIES METALUX SNLED SERIES	F60
F81	2-INCH APERTURE TAMPER RESISTANT DOWNLIGHT, 80CRI, WET LOCATION LISTED, FULL CUT-OFF, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	RECESSED	20 W	80	3500K	2000	120-277V	GOTHAM EVO2VR SERIES	F81
F90	1 BY 4-FOOT FLAT PANEL, ACRYLIC LENS, EDGE-LIT, 0-10V DIMMING TO 10-PERCENT	RECESSED	40 W	80	3500K	4000	120-277V	COLUMBIA SRP14 SERIES LITHONIA SPANL14 SERIES METALUX 14FPX SERIES	F90
FA	ACCENT LIGHT, 45 DEGREE CUTOFF UPLIGHT	WALL ARM	5 W	80	4000K	300	120-277V	HYDREL CEDAR LED	FA
FB	ACCENT LIGHT, 45 DEGREE CUTOFF UPLIGHT	INGRADE	22 W	80	4000K	2000	120-277V	HYDREL TIERRA IGF6	FB
FE	36.2-INCH TALL, 4.5-INCH SQUARE STAINLESS STEEL BOLLARD, INTEGRAL DRIVER, WET LOCATION LISTED, IP66 RATED, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	CONCRETE BASE	14 W	70	4000K	780	120-277V	FORMS + SURFACES RINCON BOLLARD SERIES	FE
X4	EMERGENCY LIGHTING UNIT, 90-MINUTE EMERGENCY CAPACITY, DAMP LOCATION LISTED, SELF DIAGNOSTIC.	SURFACE WALL	5 W	80	WHITE	N/A	120-277V	DUAL-LITE EV SERIES SURE-LITES SEL25 SERIES LITHONIA ELM2 SERIES	X4

PANEL BOARD SCHEDULE									
LOCATION: MECHANICAL 104		SCCR (AMPS RMS SYMM): 10000		SERVICE: 120/240V 1Ø 3-Wire+Ground		MAIN: MCB		AMP: 400 A	
CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	POLE	AMP	NOTE
1	SPARE		20 A	1	0 / 0		1	20 A	SPARE
3	SPARE		20 A	1		0 / 0	1	20 A	SPARE
5	SPARE		20 A	1	0 / 0		1	20 A	SPARE
7	LTG - 101, 101A		20 A	1		935 / 0	1	20 A	ENTRY ARCH
9	EW - 101		20 A	1	1044 / 964		1	20 A	BOLLARDS
11	RECEPTS - 101, 101A		20 A	1		540 / 0	1	20 A	SPARE
13	PLUGMOLD - 101		20 A	1	1440 / 768		2	15 A	FAN COILS
15	PLUGMOLD - 101		20 A	1		1440 / 768	2	15 A	
17	EF - 101 & 101A		15 A	1	1392 / 1000		1	20 A	EAC PANEL
19	SPARE		20 A	1		0 / 1000	1	20 A	DATA CABINET
21	HAND DRYERS - 101A		20 A	1	400 / 0		2	15 A	SPARE
23	TRAINER 102		20 A	1		1085 / 0			
25	RESTROOM 103B		20 A	1	1285 / 4500		2	30 A	WHA
27	COACHES OFFICE 103		20 A	1	1080 / 4500		2	30 A	WHA
29	COACHES OFFICE 103		20 A	1	1145 / 520		15 A		CP-A & WHI CONTROL CIRCUIT
31	COACHES STORAGE 103A		20 A	1		340 / 4320	2	60 A	5 TON CU
33	MECHANICAL 104		20 A	1	1145 / 4320		2	60 A	
35	STORAGE 105		20 A	1		1008 / 0	2	20 A	SPARE
37	OUTDOOR RECEPTS		20 A	1	180 / 0		2	20 A	SPARE
39	SOFFIT LTS		20 A	1		320 / 0	2	30 A	SPD
41	PRESSBOX		20 A	1	1000 / 0		2	30 A	SPD
TOTALS			3661 VA		35464 VA				
TOTAL CONNECTED LOAD (VA) : 74115 VA					TOTAL CONNECTED LOAD (AMPS) : 309 A				
REMARKS: 225A SUB-FEED CIRCUIT BREAKER.					NOTES:				

PANEL BOARD SCHEDULE									
LOCATION: MECHANICAL 104		SCCR (AMPS RMS SYMM): 10000		SERVICE: 120/240V 1Ø 3-Wire+Ground		MAIN: MCB		AMP: 225 A	
CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	POLE	AMP	NOTE
1	SPARE		20 A	1	0 / 0		1	15 A	SPARE
3	SPARE		30 A	2		0 / 0	2	30 A	SPARE
5	SPARE		30 A	2	0 / 0		2	30 A	SPARE
7	ECUH-3 LOCKER RM 101		30 A	2	2000 / 1500		2	20 A	ECUH-2 COACHES OFFICE 103
9	ECUH-5 RESTROOM 101A		15 A	2	1000 / 750		2	15 A	ECUH-1 COACHES STORAGE 103A
11	ECUH-5 RESTROOM 101A		15 A	2	1000 / 750		2	15 A	ECUH-1 COACHES STORAGE 103A
13	ECUH-5 RESTROOM 101A		15 A	2	1000 / 750		2	15 A	ECUH-1 COACHES STORAGE 103A
15	ECUH-1 TRAINER 102		15 A	2	750 / 1650		2	20 A	EPUH-1 MECHANICAL 104
17	ECUH-1 TRAINER 102		15 A	2	750 / 1650		2	20 A	EPUH-1 MECHANICAL 104
19	ECUH-1 RESTROOM 103B		15 A	2	750 / 3750		2	50 A	EPUH-2 STORAGE 105
21	SPARE		15 A	1	750 / 3750		1	20 A	SPARE
23	SPARE		15 A	1	0 / 0		1	20 A	SPARE
25	ECUH-4 LOCKER RM 101		70 A	2	6000 / 0		2	40 A	SPARE
27	ECUH-4 LOCKER RM 101		70 A	2	6000 / 0		2	40 A	SPARE
29	SPARE		20 A	1	0 / 0		1	20 A	SPARE
TOTALS			18150 VA		18150 VA				
TOTAL CONNECTED LOAD (VA) : 36300 VA					TOTAL CONNECTED LOAD (AMPS) : 151 A				
REMARKS: INLINE MECHANICALLY HELD CONTACTOR. SEE DETAIL.					NOTES:				