PROPOSED NEW BUILDING FOR:

NOOR INTERNATIONAL ACADEMY

4050 COOLIDGE HWY

TROY, MICHIGAN 48098

PERMITS 08.17.2022

OWNER

Hamadeh Educational Services, Inc. For
Star International Academy | Universal Learning Academy |
Universal Academy | Noor International Academy
"Promoting Academic Excellence, Leadership & Cultural Diversity"
P.O. Box 1440 | Dearborn, MI 48121 | (313) 565-0507

ARCHITECTURAL

ARCHITECTURAL DESIGN
RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. & Associates, Inc.
24001 ORCHARD LAKE RD.
SUITE #180A
FARMINGTON, MICHIGAN 48336
PHONE (248) 985-9101

STRUCTURAL

CONSULTING ENGINEER
STRUCTURE

FRIENDSHIP ENGINEERING
3717 TIMBERCREST DRIVE
TROY, MICHIGAN, 48083
PHONE (248) 246-6577
FAX (248) 246-6580

CIVIL

CONSULTING ENGINEERS
CIVIL

PEA GROUP
1849 POND RUN DRIVE
AUBURN HILLS, MICHIGAN 48326
PHONE (248) 689-9090
Email: jbutler@peagroup.com

MECHANICAL / ELECTRICAL / PLUMBING

CONSULTING ENGINEERS
MECHANICAL
ELECTRICAL
PLUMBING
ENERGY

MEP Engineers
380 NORTH MAIN STREET
CLAWSON, MICHIGAN
PHONE (248) 488-9822
FAX (248) 488-9811
EMAIL: mep@mepmi.com
WEB: mepmi.com

PROJECT INFORMATION

PROJECT NUMBER: 22010

PROJECT LOCATION: 4050 COOLIDGE HWY
TROY, MICHIGAN 48098

DESIGN FIRM: GAV & ASSOCIATES, INC.
24001 ORCHARD LAKE RD
FARMINGTON, MI 48336
PHONE: (248) 985-9101

1. THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE:
SAMIR M. KARIM, MI LIC. #1301038452.

2. THESE CONSTRUCTION DOCUMENTS WERE PREPARED FOR COMPLIANCE WITH THE MICHIGAN CONSTRUCTION CODES IN EFFECT AT THE TIME OF PERMIT SUBMITTAL. ALL ENGINEERS, CONTRACTORS AND SUPPLIERS INVOLVED WITH THIS PROJECT SHALL COMPLY WITH THE SAME CODES, ISSUED AND APPROVED CODE MODIFICATIONS AND/OR CITY OF TROY / STATE OF MICHIGAN CONSTRUCTION BOARDS OF APPEALS RULINGS AND WHENEVER REQUIRED SHALL PROVIDE SHOP DRAWINGS AND SUBMITTALS CLEARLY DESCRIBING COMPLIANCE TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE FOR REVIEW AND APPROVAL.

3. ALL APPLICABLE GOVERNMENTAL AGENCIES, SUCH AS MDOT, COUNTY, UTILITY SERVICES, ETC. SHALL HAVE DRAWINGS SUBMITTED FOR REVIEW FOR ENGINEERING APPROVAL AT THE TIME OF PERMIT SUBMITTAL.

CONTRACT RELATED DOCUMENTS (BUILDING ONLY):

GEOTECHICAL EXPLORATION AND EGINEERING REPORT PEA ENGINEERS

PERMIT APPROVAL DOCUMENTS (PLAN REVIEW):

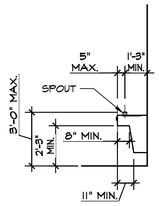
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS:

OFFICE	PROJECT NUMBER	DATE
BUREAU OF FIRE SERVICES	_____	_____
BUREAU OF CONSTRUCTION CODES	_____	_____

GC/CM TO INCLUDE AND PROVIDE TO ALL CONTRACTORS.

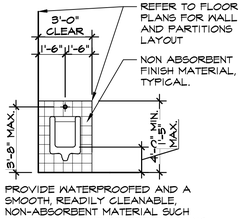
STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

G.001



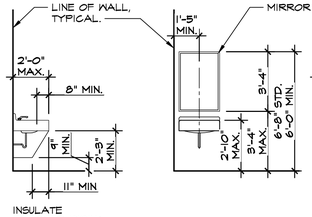
E.W.C. OR DRINKING FOUNTAIN

DRINKING FOUNTAIN



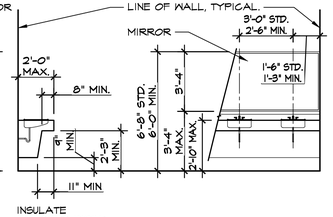
PROVIDE WATERPROOFED AND A SMOOTH, READILY CLEANABLE, NON-ABSORBENT MATERIAL SUCH AS CERAMIC TILE OR FRP PANELING BEHIND FIXTURE, TYPICAL.

URINAL



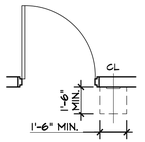
INSULATE EXPOSED PIPING

WALL MOUNTED LAVATORY



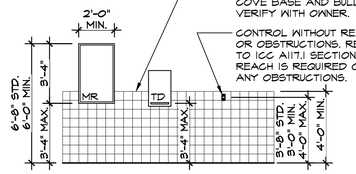
INSULATE EXPOSED PIPING

COUNTER LAVATORY



SIGNS CONTAINING TACTILE CHARACTERS MUST HAVE AN 18" MINIMUM BY 18" MINIMUM CLEARANCE ON THE FLOOR OR GROUND LEVEL, CENTERED ON THE SIGN, BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND A 45 DEGREE OPEN POSITION

SIGNAGE MOUNTING LOCATION AT DOORS

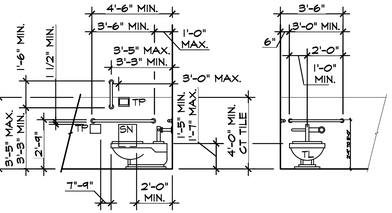


DIMMER SWITCH HVAC CONTROLS SECURITY CONTROLS FIRE ALARM RECEPTACLE INTERCOM

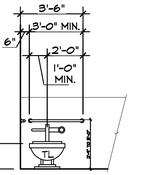
MIRROR

TOWEL DISPENSER

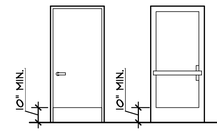
CONTROLS



WATER CLOSET, GRAB BARS AND ACCESSORIES

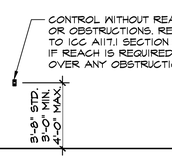


IN CASE OF FIRE ELEVATOR SIGN BY ELEVATOR SUPPLIER.



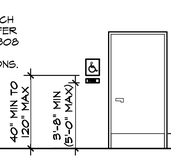
A DOOR SURFACE WITHIN 10" OF THE FLOOR LEVEL MEASURED VERTICALLY MUST BE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR. PARTS THAT CREATE HORIZONTAL OR VERTICAL JOINTS IN SUCH SURFACE MUST BE WITHIN 1/16" OF THE SAME PLANE AS THE OTHER. CAVITIES CREATED BY ADDITIONAL KICK-PLATES MUST BE CAPPED.

LOWER DOOR SURFACE



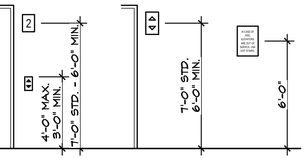
DIMMER SWITCH HVAC CONTROLS SECURITY CONTROLS FIRE ALARM RECEPTACLE INTERCOM

CONTROLS



A SIGN SHALL BE PROVIDED IDENTIFYING ACCESSIBLE WASHROOMS. THE SIGN SHALL BE MOUNTED AT A MAXIMUM OF 60" ABOVE FINISHED FLOOR MEASURED FROM THE BASELINE OF THE CHARACTERS ON THE LATCH SIDE OF THE DOOR

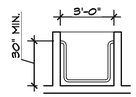
DOOR SIGNAGE



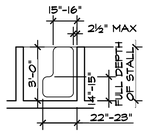
ELEVATOR ENTRANCE

TYPICAL RESTROOMS BARRIER FREE MOUNTING HEIGHTS AND REQUIREMENTS

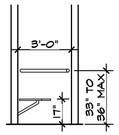
NOT TO SCALE



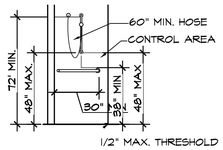
SHOWER GRAB BARS



SHOWER SEAT



SEAT & GRAB BARS



CONTROLS

TRANSFER-TYPE SHOWER

ABBREVIATIONS:

AFF	ABOVE FINISH FLOOR
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
ALUM	ALUMINUM
ANOD	ANODIZED
AT	ACOUSTICAL TILE
BC	BOTTOM CHORD
BRD	BOARD
BFF	BELOW FINISH FLOOR
BLK	BLOCK
BM	BEAM
B.O.	BOTTOM OF
BOF	BOTTOM OF FOOTING
B.U.	BUILT UP
CAB	CABINET
C.B.	CATCH BASINS
C	OLD
CER	CERAMIC
C.J.	CONTROL JOINT
C.L.	CENTER LINE
CLG	CEILING
CLOS	CLOSET
C.O.	CLEAN OUT
CM	CONSTRUCTION MANAGER
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
DEFS	DIRECT APPLIED FINISH SYSTEM
DET	DETAIL
DIM	DIMENSION
DIA	DIAMETER
DL	DEAD LOAD
DN	DOWN
D.O.	DOOR OPENING
DS	DOWN SPOUT
DWG	DRAWING
EA	EACH
E.C.	ELEC. CONTRACTOR
EF	EACH FACE
E.J.	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATION
EXH	EXHAUST
EXEXIST	EXISTING
EXT	EXTERIOR
E.W.	EACH WAY
F&I	FURNISH AND INSTALL
FD	FLOOR DRAIN
FFE	FINISH FLOOR ELEVATION
FND.	FOUNDATION
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOG	FACE OF GYPSUM
FOM	FACE OF MASONRY
FTG	FOOTING
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GL	GLASS
GB	GRAB BAR
GYP	GYPSUM
HM	HOLLOWED METAL
HVAC	HEATING & VENT.
ID	INNER DIAMETER
INSUL.	INSULATION
JST	JOIST
JT	JOINT
LD	LIVE LOAD
LP	LIGHT POLE
MAS	MASONRY
MAX	MAXIMUM
MCM	METAL COMPOSITE MATERIAL
INSUM.	MECHANICAL
MFG	MANUFACTURER
MIN	MINIMUM
M.O.	MASONRY OPENING
MTL.	METAL
OC	ON CENTER
OD	OUTER DIAMTER
OPH	OPPOSITE HAND
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PL	PLATE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT
RA	RETURN AIR
RD	ROOF DRAIN
REINF	REINFORCING
REQ	REQUIRED
RO	ROUGH OPENING
SA	SUPPLY AIR
SIM	SIMILAR
STL	STEEL
STOR	STORAGE
UH	UNIT HEATER
TB	TOWEL BAR
TC	TOP CHORD
T & B	TOP AND BOTTOM
TBL	TOP OF BRICK LEDGE
T..S.	TOP OF TOP OF STEEL
T..P.	TOP OF PIER
T..W.	TOP OF WALL
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VIF	VERIFY IN FIELD
W/	WITH
WD	WOOD
WWF	WELDED WIRE FABRIC
AASHO	AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS
A.I.A	AMERICAN INSTITUTE FOR ARCHITECTS
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
CRSI	CONCRETE REINFORCING SOCIETY INSTITUTE
MBC	MICHIGAN BUILDING CODE
MMC	MICHIGAN MECHANICAL CODE
MPC	MICHIGAN PLUMPING CODE
MEC	MICHIGAN ELECTRICAL CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
UL	UNDERWRITERS LABORATORIES

DRAWING INDEX

● ISSUED
⊗ DELETED SHEET
⊠ NEW SHEET

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CIVIL		NOT INCLUDED	
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	A.002	GENERAL INFORMATION AND SPECIFICATIONS	●
	A.003	LIFE SAFETY PLAN AND INFORMATION	●
	A.004	ARCHITECTURAL SITE PLAN	●
	A.005	SITE LIGHTING PHOTOMETRIC	●
	A.051	GENERAL INFORMATION AND SCHEDULES	●
	A.052	GENERAL INFORMATION AND SCHEDULES	●
	A.053	GENERAL INFORMATION AND SCHEDULES	●
	A.101	GROUND LEVEL FLOOR PLAN	●
	A.102	SECOND LEVEL FLOOR PLAN	●
	A.131	ROOF PLAN	●
	A.151	ENLARGED FLOOR PLANS AREA "A"	●
	A.152	ENLARGED FLOOR PLANS AREA "B"	●
	A.153	ENLARGED FLOOR PLANS AREA "C"	●
	A.154	ENLARGED FLOOR PLANS AREA "D"	●
	A.155	ENLARGED FLOOR PLANS AREA "A"	●
	A.156	ENLARGED FLOOR PLANS AREA "D"	●
	A.61	ENLARGED FLOOR PLANS	●
	A.201	BUILDING ELEVATIONS	●
	A.202	BUILDING ELEVATIONS	●
	A.301	BUILDING SECTIONS	●
	A.302	BUILDING SECTIONS	●
	A.401	WALL SECTIONS	●
	A.402	WALL SECTIONS	●
	A.403	WALL SECTIONS	●
	A.411	SECTION DETAILS	●
	A.412	SECTION DETAILS	●
	A.413	SECTION DETAILS	●
	A.461	ELEVATOR SECTION	●
	A.462	STAIRS SECTIONS	●
	A.463	STAIRS SECTIONS	●
	A.601	GROUND LEVEL REFLECTED CEILING PLAN	●
	A.651	ENLARGED REFLECTED CEILING PLAN AREA "A"	●
	A.652	ENLARGED REFLECTED CEILING PLAN AREA "B"	●
	A.653	ENLARGED REFLECTED CEILING PLAN AREA"C"	●
	A.654	ENLARGED REFLECTED CEILING PLAN AREA "D"	●
	A.655	ENLARGED REFLECTED CEILING PLAN AREA"D"	●
	A.701	INTERIOR ELEVATIONS	●
	A.702	INTERIOR ELEVATIONS	●
STRUCTURAL	S.100	STRUCTURAL INFORMATION AND SPECIFICATIONS	●
	S.101	FOUNDATION PLAN	●
	S.102	FRAMING PLAN	●
	S.103	FRAMING PLAN	●
	S.111	ENLARGED FOUNDATION PLANS AREA "A"	●
	S.112	ENLARGED FOUNDATION PLANS AREA "B"	●
	S.113	ENLARGED FOUNDATION PLANS AREA "C"	●
	S.114	ENLARGED FOUNDATION PLANS AREA "D"	●
	S.121	ENLARGED FRAMING PLANS AREA "A"	●
	S.122	ENLARGED FRAMING PLANS AREA "B"	●
	S.123	ENLARGED FRAMING PLANS AREA "C"	●
	S.124	ENLARGED FRAMING PLANS AREA "D"	●
	S.125	ENLARGED FRAMING PLANS AREA "A"	●
	S.126	ENLARGED FRAMING PLANS AREA "D"	●
	S.301	TYPICAL SECTIONS AND DETAILS	●
MECHANICAL	M.000	MECHANICAL LEGEND, SYMBOLS AND SHEET INDEX	●
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	M.101	OVERALL SANITARY & VENT PLUMBING SECOND LEVEL FLOOR PLAN	●
	M.102	PARTIAL SANITARY & VENT PIPING GROUND LEVEL FLOOR PLAN - AREA "D & C	●
	M.103	PARTIAL SANITARY & VENT PIPING GROUND LEVEL FLOOR PLAN - AREA "A & B	●
	M.104	PARTIAL SANITARY & VENT PIPING SECOND LEVEL FLOOR PLAN - AREA "D"	●
	M.105	OVERALL DOMESTIC WATER & GAS PIPING GROUND LEVEL FLOOR PLAN	●
	M.106	OVERALL DOMESTIC WATER & GAS PIPING SECOND LEVEL FLOOR PLAN	●

DRAWING INDEX

● ISSUED
⊗ DELETED SHEET
⊠ NEW SHEET

	NO.	SHEET TITLE	ISSUED FOR: 08.17.2022 PERMITS
MECHANICAL (CONT'D)	M.107	PARTIAL DOMESTIC WATER & GAS PIPING GROUND LEVEL FLOOR PLAN -AREA " D & C"	●
	M.108	PARTIAL DOMESTIC WATER & GAS PIPING GROUND LEVEL FLOOR PLAN - AREA " A & B"	●
	M.109	PARTIAL DOMESTIC WATER & GAS PIPING SECOND LEVEL FLOOR PLAN - AREA "D"	●
	M.200	OVERALL HVAC GROUND LEVEL FLOOR PLAN	●
	M.201	OVERALL HVAC SECOND LEVEL FLOOR PLAN	●
	M.202	HVAC GROUND LEVEL ENLARGED FLOOR PLAN - AREA "D"	●
	M.203	HVAC GROUND LEVEL ENLARGED FLOOR PLAN - AREA "C"	●
	M.204	HVAC GROUND LEVEL ENLARGED FLOOR PLAN - AREA "A"	●
	M.205	HVAC GROUND LEVEL ENLARGED FLOOR PLAN - AREA "A & B"	●
	M.206	HVAC SECOND LEVEL ENLARGED FLOOR PLAN - AREA "D"	●
	M.300	OVERALL MECHANICAL ROOF PLAN	●
	M.400	MECHANICAL SCHEDULES 1	●
	M.401	MECHANICAL SCHEDULES 2	●
	M.402	MECHANICAL DETAILS	●
	M.403	MECHANICAL DETAILS (FOR REFERENCE ONLY)	●
	M.500	MECHANICAL SPECIFICATIONS	●
ELECTRICAL	E100	ELECTRICAL NOTES & SYMBOLS	●
	E101	ELECTRICAL SITE PLAN	●
	E200	OVERALL - 1ST FLOOR LIGHTING PLAN	●
	E201	GROUND LEVEL ENLARGED LIGHTING FLOOR PLAN - AREA "A"	●
	E202	GROUND LEVEL ENLARGED LIGHTING FLOOR PLAN - AREA "B"	●
	E203	GROUND LEVEL ENLARGED LIGHTING FLOOR PLAN - AREA "C"	●
	E204	GROUND LEVEL ENLARGED LIGHTING FLOOR PLAN - AREA "D"	●
	E205	LIGHTING - 2ND FLOOR PLAN - AREA "D"	●
	E300	OVERALL - 1ST FLOOR POWER PLAN	●
	E301	GROUND LEVEL ENLARGED POWER FLOOR PLAN - AREA "A"	●
	E302	GROUND LEVEL ENLARGED POWER FLOOR PLAN - AREA "B"	●
	E303	GROUND LEVEL ENLARGED POWER FLOOR PLAN - AREA "C"	●
	E304	GROUND LEVEL ENLARGED POWER FLOOR PLAN - AREA "D"	●
	E305	POWER - 2ND FLOOR PLAN - AREA "D"	●
	E306	POWER - ROOF PLAN	●
	E400	ENLARGED KITCHEN POWER PLAN	●
	E501	LIGHTING FIXTURE SCHEDULE & PANELS SCHEDULE	●
	E502	POWER DISTRIBUTION RISER DIAGRAM & PANELS SCHEDULE	●
	E503	PANELS SCHEDULE	●
	E600	LIGHTING CONTROL DIAGRAMS	●
	E700	ELECTRICAL DETAILS	●
FOODSERVICE	FS-1	FOODSERVICE EQUIPMENT (FOR REFERENCE ONLY)	●
	FS-2	FOODSERVICE ELECTRICAL (FOR REFERENCE ONLY)	●
	FS-3	FOODSERVICE PLUMBING (FOR REFERENCE ONLY)	●
	FS-4	FOODSERVICE BLOCKING (FOR REFERENCE ONLY)	●
	1	FOODSERVICE EQUIPMENT DRAWINGS (FOR REFERENCE ONLY)	●
	2	FOODSERVICE EQUIPMENT DRAWINGS (FOR REFERENCE ONLY)	●
	3	FOODSERVICE EQUIPMENT DRAWINGS (FOR REFERENCE ONLY)	●
	4	FOODSERVICE EQUIPMENT DRAWINGS (FOR REFERENCE ONLY)	●
	5	FOODSERVICE EQUIPMENT DRAWINGS (FOR REFERENCE ONLY)	●
	6	FOODSERVICE EQUIPMENT DRAWINGS (FOR REFERENCE ONLY)	●
	7	FOODSERVICE EQUIPMENT DRAWINGS (FOR REFERENCE ONLY)	●
	7	FOODSERVICE EQUIPMENT DRAWINGS (FOR REFERENCE ONLY)	●

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN
RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A001

JOB #: 22010

SHEET TITLE
DRAWING INDEX AND GENERAL INFORMAITON

SHEET #
A.001

GENERAL CONDITIONS:

1. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERALLY THE LOCATIONS OF MATERIAL AND EQUIPMENT. THESE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE. CONSTRUCTION MANAGER IS RESPONSIBLE FOR REVIEWING, COORDINATING AND APPROVING ALL WORK TO BE DONE BY CONTRACTORS. ANY SUBMITTAL TO ARCHITECT / ENGINEER SHALL BE REVIEWED BY THE C.M. BEFORE SUBMITTING TO ARCHITECT / ENGINEER.
2. BUILDING SHALL BE FULLY FIRE SUPPRESSED IN ACCORDANCE WITH 2015 MBC AND ALL APPLICABLE CODES.
3. SPRINKLER CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF FIRE SUPPRESSION SYSTEM FOR FIRE MARSHALS REVIEW AND APPROVAL.
4. BUILDING SHALL HAVE A NEW FIRE ALARM SYSTEM PER ELECTRICAL DRAWINGS AND THE SYSTEM SHALL COMPLY WITH 2015 MBC AND ALL APPLICABLE CODES.
5. ALL EXTERIOR WOOD, PLYWOOD, ETC. SHALL BE PRESERVATIVE TREATED.
6. CONSTRUCTION MANAGER AND THE CONTRACTORS SHALL COMPLY WITH ALL CODES CURRENTLY IN EFFECT IN THE CITY OF AUBURN HILLS AND THE STATE OF MICHIGAN.
7. CONFORM TO A.I.A. DOCUMENT NO. A-201, LATEST EDITION, AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, LAWS, RULES AND REGULATIONS.
8. ALL CONTRACTORS SHALL CARRY ADEQUATE INSURANCE OR OTHERWISE SECURE, PROTECT AND HOLD HARMLESS THE OWNER AND ITS AGENTS AND THE ARCHITECT/ENGINEER FROM ANY LIABILITY OR DAMAGE (WHATSOEVER, FOR INJURY (INCLUDING DEATH) TO ANY PERSON OR PROPERTY.
9. SUSPENDED ACOUSTICAL CEILING TILES AND GRID SYSTEM SHALL COMPLY NFPA 101 2012 AND MBC 2015.
10. GRID WORK SHALL BE SUPPORTED WITH A MINIMUM OF 2-12 GA. HANGER WIRES TO STRUCTURE ABOVE.
11. PROVIDE A KNOX BOX FOR FIRE DEPARTMENT ACCESS. LOCATE ON BUILDING. AS PER FIRE MARSHALL.
12. INSTALL 6" HIGH ADDRESS NUMBERS WHICH ARE VISIBLE FROM THE STREET. VERIFY LOCATION WITH FIRE MARSHAL.
13. ALL WALLS SHALL EXTEND UP TO AND BE SEALED TO THE UNDERSIDE OF FLOOR / ROOF DECK.
14. CONTRACTOR SHALL PROVIDE ALL NECESSARY SIGNAGE PER SECTION 1104 OF THE 2015 MBC AND SECTION 703 OF THE ANSI A117.1.
15. ALL PROTRUDING OBJECTS ON CIRCULATION PATHS SHALL COMPLY WITH SECTION 307 OF THE ANSI A117.1-2009
16. ANY RATED WALL THAT HAS PROTECTED OPENINGS OR PENETRATIONS SHALL BE PERMANENTLY IDENTIFIED ABOVE CEILING WITH SIGNS OR STENCILLING @ NOT LESS THAN 30'-0" O.C. ALONG THE HORIZONTAL DIMENSION. LETTERS SHALL NOT BE LESS THAN 0.5" IN HT. AND CONTAIN THE WORDS "FIRE & SMOKE BARRIER-PROTECT ALL OPENINGS".ALL PENETRATIONS IN WALLS FOR PIPING.
17. ALL PENETRATIONS IN RATED WALLS SHALL BE SEALED W/ APPLICABLE FIRE RATED SEALANT, STOP, OR OTHER APPROVED METHOD PER I.F.C. 2012. ANY PENETRATIONS SHALL BE SEALED WITH FIRE RATING EQUIVALENT TO PENETRATED SYSTEM.
18. A PORTABLE FIRE EXTINGUISHER MUST BE PRESENT DURING CONSTRUCTION. PERMANENT PORTABLE FIRE EXTINGUISHER LOCATIONS TO BE DETERMINED PER I.F.C. AND FIELD BUILDING INSPECTOR.
19. FIRESTOPPING SHALL BE TESTED IN ACCORDANCE WITH ASTM E-814 TEST STANDARDS. CONTRACTOR TO SUBMIT TEST REPORT ATTACHED WITH THE SUBMITTAL COVER SHEET FOR EACH APPLICATION, I.E., FOR EACH KIND OF CONSTRUCTION (RATED FLOOR/CEILING RATED WALLS(ETC.) BEFORE INSTALLATION. FIRESTOPPING INSTALLATION SHALL NOT BE CONCEALED WITH FINAL CONSTRUCTION UNTIL APPROVED BY BUILDING INSPECTOR.
20. ALL HAZARDOUS ROOMS TO HAVE DOOR CLOSURE AND SHALL BE SMOKE TIGHT ENCLOSURES IN JANITOR CLOSETS, MECHANICAL / ELECTRICAL ROOMS AND STORAGE ROOMS.
21. DO NOT SCALE DRAWINGS. USE GIVEN DIMENSIONS ONLY. DIMENSIONS ARE TO THE FACE OF FINISH, U.N.O. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERALLY THE LOCATIONS OF MATERIAL AND EQUIPMENT. THESE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE. GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING, COORDINATING AND APPROVING ALL WORK TO BE DONE BY SUB CONTRACTORS. ANY SUBMITTAL TO ARCHITECT / ENGINEER SHALL BE REVIEWED BY THE G.C. BEFORE SUBMITTING TO ARCHITECT / ENGINEER. IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR IS RESPONSIBLE FOR CONSULTING WITH THE TENANT AND OWNER BEFORE CONTINUING WITH THE WORK FOR POSSIBLE REDESIGN.
22. VERIFY LOCATION OF ALL EQUIPMENT AND VERIFY SIZES, WALL OPENINGS, AND SUPPORT REQUIREMENTS WITH MANUFACTURER. PROVIDE OPENINGS, BRACING AND REINFORCEMENT AS REQUIRED BY MANUFACTURER.
23. CONSTRUCTION MANAGER WILL SUPPLY SECURED STAGING AREA AND OFFICE TRAILER.
24. CONSTRUCTION MANAGER WILL COMPLY WITH ENVIRONMENTAL AGENCIES.
25. CONSTRUCTION MANAGER WILL SUPPLY TOILET FACILITIES FOR ALL TRADES.
26. CONSTRUCTION MANAGER WILL COMPLY WITH DEWATERING AS NECESSARY.
27. CONSTRUCTION MANAGER WILL BE RESPONSIBLE TO KEEP A CLEAN SITE AT ALL TIMES.
28. TEMPORARY BRACING, GUYING AND TIE DOWNS OF THE STRUCTURE DURING ERECTION SHALL BE THE RESPONSIBILITY OF THE ERECTOR AND CONTRACTOR(S). THE ENGINEER AND ARCHITECT ASSUME NO RESPONSIBILITY FOR THE ABSENCE, PRESENCE OR ADEQUACY OF ANY TEMPORARY BRACING. ALL EXISTING STRUCTURES THAT MAY BE AFFECTED BY THE NEW CONSTRUCTION SHALL BE BRACED AND PROTECTED AS REQUIRED.
29. WHERE A DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS (UNLESS NOTED OTHERWISE).
30. ALL FURRED/ STUDDED WALLS SHALL HAVE FIRE BLOCKING AS REQUIRED BY CODE.
31. VERIFY ALL EXISTING FIELD CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK. VERIFY ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS. IN THE EVENT OF DISCREPANCY, NOTIFY THE G.C. AND/OR THE ARCHITECT AND OBTAIN RESOLUTION BEFORE PROCEEDING. FAILURE TO NOTIFY THE ARCHITECT WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO PERFORM THE WORK AS INTENDED BY THE CONTRACT DOCUMENTS. CONTRACTOR(S) SHALL BE RESPONSIBLE FOR ANY AND ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ARCHITECT.
32. ALIGN PARTITIONS WITH FACE OF OTHER PARTITIONS OR COLUMNS, UNLESS NOTED OTHERWISE. THE FACE OF EVERY PARTITION SHALL BE FLUSH WITHOUT OFFSETS. CHANGES IN PARTITION THICKNESS SHALL OCCUR AT CORNERS, PARTITION INTERSECTIONS OR OTHER FEATURES WHICH INTERRUPT THE PLANE OF THE PARTITION. FACE OF CORRIDOR PARTITIONS SHALL BE FLUSH FOR THE ENTIRE LENGTH OF THE CORRIDOR REGARDLESS OF CHANGES IN PARTITION THICKNESS. ALL ADJUSTMENTS SHALL BE MADE TO THE ROOM SIDE OF THE CORRIDOR PARTITION AND AT CORNERS.
33. ALL GYPSUM BOARD MATERIALS AND ACCESSORIES SHALL CONFORM TO THE APPROPRIATE STANDARDS IN ACCORDANCE WITH TABLE 2506.2 MBC 2015.
34. REFER TO INTERIOR FINISHES REQUIREMENT ON LIFE SAFETY SHEET A.091. ALL INTERIOR FINISHES SHALL HAVE A CLASS C FLAME SPREAD OF 76 TO 200 AND A SMOKE DEVELOPMENT INDEX NOT GREATER THAN 450 IN ACCORDANCE WITH ASTM E84 OR UL 723. ALL INTERIOR CARPET INCLUDING THOSE IN EXIT ENCLOSURES SHALL COMPLY WITH MBC SECTION 804. DOC FF-1 "PILL TEST" (CPSC 16 CFR, PART 1630) CONTRACTOR TO PROVIDE COMPLETE DOCUMENTATION TO FIELD INSPECTOR. FLOOR FINISH SHALL MEET A MIN. OF CLASS II FOR THE MIN. CRITICAL RADIANT FLUX INCLUDING THOSE IN EXIT ENCLOSURES. ALL FLOOR FINISHES SHALL BE IN ACCORDANCE WITH NFPA 253.

GENERAL CONDITIONS (CONTINUED):

35. ALL EXPOSED INSULATION SHALL HAVE A CLASS A FLAME SPREAD NOT GREATER THAN 25 AND A SMOKE DEVELOPMENT NOT GREATER THAN 450 IN ACCORDANCE WITH ASTM E84 REQUIREMENTS. OWNER TO PROVIDE DOCUMENTATION.
36. ALL EXIT DOORS & MEANS OF EGRESS DOORS SHALL BE SIDE HINGED, NON-LOCKING & SWING IN DIRECTION OF EGRESS.
37. ALL PLYWOOD, WOOD BLOCKING & NAILERS TO BE NON COMBUSTIBLE.
38. INFILL AROUND ALL EXTERIOR WALL PENETRATIONS. FLASH WITH METAL & RUBBER AND SEAL TIGHT AT WALL.
39. "EXIT" SIGNS SHALL HAVE RED LETTERS AT LEAST 6" HIGH AND THE MINIMUM WIDTH OF EACH STROKE SHALL BE 3/4" ON A WHITE BACKGROUND OR IN OTHER APPROVED DISTINGUISHABLE COLOR. THE WORD "EXIT" EXCEPT THE LETTER "I" SHALL HAVE LETTERS HAVING A WIDTH NOT LESS THEN 2 INCHES AND THE MINIMUM SPACING BETWEEN LETTERS SHALL NOT BE LESS THAN 3/8" OF AN INCH. SIGNS LARGER THAN THE MINIMUM SIZE REQUIRED SHALL HAVE LETTERS WIDTH AND SPACING IN THE SAME PROPORTION TO THE HEIGHT AS INDICATED IN THIS CODE. IF AN ARROW IS PROVIDED AS PART OF AN "EXIT" SIGN, THE CONSTRUCTION SHALL BE SUCH THAT THE ARROW CANNOT BE READILY CHANGED. THE WORD "EXIT" SHALL BE CLEARLY DISCERNIBLE WHEN THE SIGN IS ILLUMINATION MEANS IS NOT ENERGIZED.
40. MIN. AVERAGE ILLUMINATION OF 10 FOOTCANDLES IS REQUIRED AT A HEIGHT OF 30" AFF OVER THE AREA OF ALL ROOMS
41. PROVIDE TYVEK DRAINWRAP SHEET FOR ALL E.F.I.S. WORK INDICATED ON DRAWINGS.

SITE WORK:

REFER TO CIVIL DRAWINGS FOR ALL SITE INFORMATION. CIVIL DRAWINGS SHALL OVERRIDE THE SITE NOTES IN THIS SECTION.

1. PLACE FOUNDATIONS ON UNDISTURBED SOIL, U.N.O. VERIFY IN THE FIELD BY TEST AS REQUIRED THE BEARING CAPACITY UNDER FOOTINGS.
2. WHERE FOOTINGS CHANGE ELEVATIONS, STEP DOWN FOOTINGS ON FIRM BEARING AT THE RATE OF ONE FOOT VERTICAL TO TWO FEET HORIZONTAL.
3. STEP DOWN ALL FOOTINGS ADJACENT TO SUMPS, PITS, SEWERS, TANKS, EXISTING UNDERGROUND WORK, ETC., AND WHEREVER PRESSURE PLANE OF FOOTINGS MAY BE CUT BY DEEPER EXCAVATION. DROP THE FOOTING DOWN TO THE BOTTOM OF THE EXCAVATION FOR SUCH WORK TO FIRM BEARING.
4. ALL CONTINUOUS REINFORCING BARS SHALL BE LAPPED AS PER TENSION EMBEDMENT OR TENSION CLASS "C" SPLICE LENGTH. LAP CONTINUOUS TOP REINFORCING AT CENTER OF SPAN AND BOTTOM REINFORCING AT SUPPORTS. TERMINATE TOP BARS AT NON-CONTINUOUS END WITH STANDARD HOOK.
5. REMOVE ALL EXCESS MATERIAL OFF THE SITE . REMOVE ALL TOP SOIL, BRUSH, ROOTS, TREES, RUBBISH AND ALL OBSTRUCTIONS TO THE WORK FROM THE AREAS OF BOTH CUT AND FILL. REMOVE EXISTING FILL WITHIN BUILDING AREA AND REPLACE WITH COMPACTED SAND FILL AS REQUIRED.
6. PRIOR TO BACKFILLING TRENCHES OR FILLING EMBANKMENTS AT THE BUILDING AREA PROOF ROLL THE AREA WITH A 10 TON TRUCK LOADED WITH SOIL. ANY AREA UNDER THE WHEEL THAT SHOWS A DEPRESSION MORE THAN ONE INCH SHALL BE REMOVED TWO FOOT DEEPER AND REPLACED WITH APPROVED FILL MATERIAL FREE OF ORGANIC MATERIAL AND WITH GRAIN SIZE LESS THAN 2 INCHES AND WITH GRADATION THAT CAN BE COMPACTED TO 95% MAXIMUM DRY DENSITY PER ASTM D-1557.
7. AND SHALL BE COMPACTED IN 8 INCH LOOSE LIFTS TO 95 % MAXIMUM DENSITY PER ASTM D-1557 AND THE REMAINING 12 INCH SPACE SHALL BE FILLED WITH CRUSHED AGGREGATE MDOT- 22A COMPACTED IN 6 INCH LAYERS TO 98% MAXIMUM DENSITY PER ASTM D-1557. ALL COMPACTION SHALL BE SUPERVISED BY A COMPETENT TESTING LABORATORY RETAINED BY THE CONTRACTOR AND APPROVED BY THE ARCHITECT.
8. BACKFILL AGAINST GRADE BEAMS OR WALLS SHALL CONSIST OF GRANULAR FILL FREE OF ORGANICS AND NO MORE THAN 3 PERCENT SILT OR CLAY WITH PARTICLE SIZE LESS THAN 4 INCHES IN DIAMETER AND PASSING NO.4 SIEVE BY 25 TO 75 PERCENT NOTIFY ARCHITECT/ENGINEER IF POOR SOIL CONDITIONS ARE FOUND AT THE SITE. BACKFILL SHALL BE PLACED IN 8 INCH LOOSE LIFTS AND COMPACTED TO 95% MAXIMUM DENSITY PER ASTM D-1557 ON BOTH SIDES OF THE STRUCTURE BY HAND COMPACTORS. HEAVY COMPACTING ROLLERS SHALL BE KEPT 10 FEET CLEAR OF THE STRUCTURE.
9. NO FROZEN MATERIAL SHALL BE USED AS FILL AND NO FILL SHALL BE PLACED ON FROZEN GROUND.
10. USE ONLY CLEAN COMPACTED SAND UNDER THE FLOOR SLAB AND PAVED AREAS WHERE AGGREGATE BASE COURSE IS NOT SPECIFIED. PLACE FOUNDATIONS ON UNDISTURBED SOIL, U.N.O. VERIFY IN THE FIELD BY TEST AS REQUIRED THE BEARING CAPACITY UNDER FOOTINGS.
11. WHERE FOOTINGS CHANGE ELEVATIONS, STEP DOWN FOOTINGS ON FIRM BEARING AT THE RATE OF ONE FOOT VERTICAL TO TWO FEET HORIZONTAL. WALL AND PIER FOOTINGS SHALL BE A MIN. OF 12 INCH THICK AND SHALL PROJECT A MINIMUM OF 6" BEYOND THE FACE OF WALLS, PIERS, STACKS, ETC., UNO.
12. UNLESS OTHERWISE NOTED, PROVIDE (2) #5 ADDITIONAL BARS AROUND ALL OPENINGS IN WALL OR SLAB. EXTEND BARS 2 FEET BEYOND OPENING IN TO THE WALL OR SLAB.
13. PLACE SLAB ON GRADE IN CHECKERBOARD PATTERN OR IN AN ALTERNATE LANES. CONSTRUCTION JOINTS OR CONTROL JOINTS SHALL BE PROVIDED SPACED NO GREATER THAN 20 FEET, UNLESS SHOWN OTHERWISE.
14. SLAB ON GRADE SHALL BE 5" THICK WITH SMOOTH FLOAT FINISH.
15. CONTRACTOR SHALL SUBMIT DRAWINGS SHOWING SIZE, LENGTH, AND LOCATION OF REINFORCING INTENDED POURING SEQUENCE AND LOCATION OF CONSTRUCTION JOINTS TO ARCHITECT FOR REVIEW.
16. BEFORE PLACING THE PIT MAT SPREAD AT NO COST TO THE OWNER ONE 94 LB. BAG OF DRY CEMENT PER 3 SY OF AREA AT THE BOTTOM OF THE EXCAVATION WHENEVER THE SOIL AT THE BOTTOM IS COMPOSED OF MORE THAN 16 PERCENT SILT AS DETERMINED BY THE TESTING AGENCY.

FOUNDATION & EARTH WORK

1. FOOTINGS SHALL BEAR ON THE FIRM UNDISTURBED SOIL WITH A SAFE NET CAPACITY OF 1,500 PSF. IF SOIL OF THIS CAPACITY IS NOT FOUND AT THE ELEVATIONS INDICATED, FOOTINGS SHALL BE ENLARGED OR LOWERED AT THE DIRECTION OF THE ENGINEER. VERIFY FOUNDATION SOIL BEARING PRESSURE IN FIELD BY SOILS ENGINEER.
2. EXCAVATION OF FILLS, ORGANIC MATERIALS AND OTHER UNSUITABLE MATERIAL IS TO BE REMOVED UNTIL THE MIN. SOIL BEARING IS OBTAINED PER AN ONSITE SOILS ENGINEER. PAD FOOTING IS TO EXTEND TO THAT POINT. IF WATER IS ENCOUNTERED DOING EXCAVATION, CONTRACTOR TO CONSULT WITH DEWATERING CONTRACTOR FOR RECOMMENDATIONS.
3. ALL FOOTINGS SHALL BE PLACED ONTO COMPACTED SUB GRADE OR ENGINEERED FILL (95% MINIMUM DENSITY AT OPTIMUM MOISTURE CONTENT). FOOTING ELEVATIONS SHOWN DESIGNATE A MINIMUM DEPTH OF FOOTINGS WHERE A SAFE SOIL BEARING PRESSURE OF 3000 PSF FOR COLUMNS AND WALL FOOTINGS IS EXPECTED. UNDERCUT AND PROVIDE ENGINEERED FILL AS NEGESSARY TO ACHIEVE BEARING CAPACITY INDICATED.
4. ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED AND CERTIFIED. CONTRACTOR TO SUBMIT TESTING REPORT TO CITY.
5. NO FOOTINGS SHALL BE PLACED ONTO OR AGAINST SUB GRADES CONTAINING FROST OR ICE. CROSS REFERENCE ARCHITECTURAL AND STRUCTURAL DRAWINGS TO ASSURE PROPER DIMENSIONS AND PLACEMENT OF ALL ANCHORS BOLTS, INSERTS, ETC.
6. AFTER EXCAVATING FOR ALL EARTH-SUPPORTED FLOOR AND STAIR SLABS, THE EXPOSED NATURAL SOIL SHALL BE THOROUGHLY COMPACTED PRIOR TO PLACING FILL.

DESIGN LOADS:

THE STRUCTURE IS DESIGN FOR THE FOLLOWING LIVE LOADS, IN ADDITION TO THE LATERAL LOADS AND SUPERIMPOSED DEAD LOADS AND SELF-WEIGHT OF THE STRUCTURE.
BUILDING OCCUPANCY CATEGORY: II

LIVE LOADS:

1. ROOF SNOW LOAD
   A. GROUND SNOW LOAD; 25 PSF
   B. FLAT ROOF SNOW LOAD (Pf); (MIN ROOF LOAD); 20 PSF
   C. SNOW EXPOSURE FACTOR (Ce); 1.0
   D. SNOW LOAD IMPORTANCE FACTOR (I); 1.0
   E. THERMAL FACTOR (Ct); 1.0
   F. ADDITIONAL LOADING DUE TO DRIFTING AT CHANGES IN ROOF ELEVATIONS AND ICE AT OVERHANGS PER APPLICABLE CODE.

ROOF DEAD LOAD: 15 PSF
TOTAL ROOF DESIGN LOAD: 35 PSF

SECOND FLOOR DESIGN LOADS:
G. DEAD LOAD 65 PDF
H. LIVE LOAD (CLASSROOMS): 60 PSF
I. LIVE LOAD (HALLWAYS): 100 PSF

WIND LOAD:

1. BASIC WIND SPEED (3-SECOND GUST): 115 MPH
2. RISK CATEGORY FACTOR: II
3. EXPOSURE CATEGORY: A
4. INTERNAL PRESSURE COEFFICIENT: +/- 0.18
5. MAIN FORCE RESISTING STRUCTURAL SYS (EQUIVALENT STATIC FORCE);
6. MIN UNIFORM: 16 PSF

EARTHQUAKE DATA:

1. OCCUPANCY CATEGORY: II
2. MAPPED SPECTRAL RESPONSE ACCELERATION Ss=0.085g & S1=0.044g
3. SITE CLASS D
4. SPECTRAL RESPONSE COEFFICIENTS SDs=0.091g & SD1=0.071g
5. SEISMIC DESIGN CATEGORY A
6. SECTION 11.7 (ASCE7-10) DESIGN REQUIREMENT FOR SDC A
7. DESIGN BASE SHEER Fx=0.01Wx
8. Cs=SDs / (R/I)
9. RESPONSE MODIFICATION FACTOR R=5
10. SECTION 11.7 (ASCE7-10) DESIGN REQUIREMENT FOR SDC A

STRUCTURAL STEEL:

1. ALL EXPOSED STEEL SHALL BE MEET ARCHITECTURALLY EXPOSED STRUCTURAL STEEL AESS-2 OR AS NOTED PER AISC STANDARDS.
2. THE STRUCTURAL INTEGRITY OF THE BUILDING SHOWN ON THESE PLANS IS DEPENDENT UPON COMPLETION ACCORDING TO THE PLANS AND SPECIFICATIONS. STRUCTURAL MEMBERS ARE NOT SELF-BRACING UNTIL PERMANENTLY AFFIXED TO THE STRUCTURE AS DIRECTED. THE ARCHITECT/STRUCTURAL ENGINEERS ASSUME NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION. MEANS AND METHODS OF CONSTRUCTION AND JOB SITE SAFETY ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR'S.
3. ALL STRUCTURAL STEEL CONSTRUCTION TO CONFORM TO AISC-360 "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" AND AISC CODE OF STANDARD PRACTICE, UNLESS MODIFIED.
4. ALL DETAILING FABRICATION AND ERECTION SHALL CONFORM TO MBC SECTION 2204 CODE. THE LATEST EDITION OF "AISC SPECIFICATION FOR STRUCTURAL FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS AND BRIDGES.
5. CONTRACTOR TO USE AISC SPECIFICATIONS FOR THE MANUFACTURE OF ALL STRUCTURAL STEEL MEMBERS WITH TENSILE YIELD STRENGTH FY = 50 KSI, AND WHICH SHALL CONFORM TO ASTM A-992 STANDARDS, AND SHALL SUBMIT SHOP DRAWINGS. ALL STRUCTURAL STEEL SHALL BE ASTM A-992 (UNLESS NOTED OTHERWISE) HAVING Fy=50,000 PSI.
6. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B OR ASTM A501. SEE DRAWING FOR EACH APPLICATION.
7. ALL DRAWINGS SHOW THE INTENT AND CONCEPT OF THE CONNECTIONS BUT NOT THE DETAIL OF BOLTS AND WELDS. ALL CONNECTIONS NOT DETAILED SHALL BE DESIGNED, DETAILED AND MANUFACTURED BY THE FABRICATOR.
8. SHOP CONNECTIONS SHALL BE WELDED FIELD CONNECTIONS USE E70XX ELECTRODES, RUN PARALLEL TO THE TENSION MEMBERS, AND USE HIGH STRENGTH BOLTS WITH WASHER AND NUT.
9. FIELD BOLT CONNECTIONS WITH ASTM A-325 OR ASTM A-490.
10. PROVIDED PERIMETER STEEL. ANGLES FOR METAL, ROOF DECK SUPPORT AS REQUIRED., INCLUDING AROUND ALL ELEVATORS, STAIRS, AND OPENINGS IN FLOOR OR ROOF.
11. ALL WELDING TO CONFORM TO AWS D1.1 "STRUCTURAL WELDING CODE", E 70 XX LOW HYDROGEN ELECTRODES CONFORMING TO AWS SPECIFICATION A5.1 SHALL BE USED FOR WELDING.
12. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS USING ELECTRIC ARC METHODS IN ACCORDANCE WITH LATEST EDITION OF "AWS CODE FOR WELDING IN BUILDING CONSTRUCTION". E70XX ELECTRODES TO BE USED.
13. UNLESS OTHERWISE NOTED, ALL FIELD CONNECTIONS SHALL BE FASTENED WITH 3/4 INCH DIAMETER ASTM A325-X, BEARING TYPE (WITH THREADS EXCLUDED FROM SHEAR PLANE) BOLTS.
14. UNLESS OTHERWISE SHOWN, ALL BEAM END CONNECTIONS SHALL BE DESIGNED TO SUPPORT ONE-HALF THE TOTAL UNIFORM LOAD CAPACITY SHOWN IN AISC MANUAL FOR GIVEN BEAM, SPAN AND AND GRADE OF STEEL SPECIFIED. FOR COMPOSITE BEAM CONNECTIONS SHALL BE DESIGNED FOR THREE-FOURTH OF THE TOTAL UNIFORM LOAD CAPACITY.
15. ALL ANCHOR BOLTS SHALL CONFORM TO ASTM A-307-00.
16. MINIMUM CONNECTION SHALL BE 3/4 INCH DIAMETER BOLTS OR A WELD DEVELOPING A FORCE OF 10 KIPS.
17. PAINT ONE COAT OF PRIMER ON ALL EXPOSED SURFACES EXCEPT FOR THE FOLLOWING SURFACES WHICH WILL NOT BE PAINTED :
    A. SURFACES THAT ARE IN CONTACT WITH CONCRETE.
    B. CONTACT SURFACES IN FRICTION TYPE CONNECTIONS.
    C. SURFACES WHICH METAL FLOOR DECK AND/OR SHEAR STUDS ARE TO BE WELDED.
    D. SURFACES TO BE WELDED SHALL NOT BE PAINTED WITHIN THREE INCHES OF THE WELD.
17. THE CONTRACTOR SHALL FURNISH AND INSTALL STEEL. ANGLES WITH ANCHORS AT MECHANICAL CURBS WHERE INDICATED.
18. FLOOR AND ROOF OPENINGS ARE TO BE FRAMED WITH STEEL. ANGLES AS INDICATED. FRAMES TO BE CONNECTED TO THE PANEL POINTS OF BAR JOISTS OR GIRDERS AND TRUSSES.
19. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL ANGLES, PLATES, BARS, CLIPS, ETC., ATTACHED TO STRUCTURAL STEEL. VERIFY EXACT SIZE AND LOCATION OF ALL FLOOR AND ROOF OPENINGS WITH CONTRACTOR INVOLVED.
20. PROVIDE "DUR-O-WALL" RE-STEEL: USE No. 9 LADDER TYPE ONLY, BLOCKWORK - EVERY 24" STEEL FABRICATOR TO PROVIDE SHOP DRAWINGS FOR ARCHITECTS APPROVAL PRIOR TO FABRICATION. THE SHOP DRAWINGS SHALL INCLUDE CONNECTION DETAILS FOR ALL STRUCTURAL STEEL MEMBERS. SPECIFY THAT STEEL JOIST AND JOIST GIRDER STRUCTURAL
21. NO COMBUSTIBLES IN PLENUM SPACE

REINFORCING STEEL:

1. DETAILING AND PLACING OF REINFORCING SHALL CONFORM TO AIC MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
2. SECURE REBAR AND HOLD IN PLACE WITH GALVANIZED METAL ACCESSORIES, OR PLASTIC BOOTED CHAIRS.
3. ALL RE-STEEL SHALL BE INTERMEDIATE GRADE NEW BILLET STEEL, ASTM 15.
4. PLACE (2) #5 BARS CONTINUOUS IN TOP AND BOTTOM OF ALL WALL FOOTINGS, GRADE BEAMSAND AT THE SIDES OF ALL OPENINGS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
5. UNLESS NOTED OTHERWISE ON THE DRAWINGS, ALL CONCRETE WALLS 12" THICK SHALL BE REINFORCED WITH #4 @ 12" EACH WAY, AT EACH VERTICAL FACE.
6. ANCHOR BOLT SIZE AND LOCATION SHALL BE FURNISHED BY BUILDING OR EQUIPMENT MANUFACTURER, AND SHALL BE INSTALLED BY THIS CONTRACTOR FROM APPROVED SHOP DRAWINGS.

CONCRETE WORK:

1. CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 318-14 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AND ACI STANDARD 301-99 BY AMERICAN CONCRETE INSTITUTE, AND CRSI STANDARD FOR PLACING CONCRETE.
2. DETAILS AND DETAILING OF CONCRETE REINFORCEMENT SHALL CONFORM TO ACI 315-99 STANDARDS AND ALSO TO THE MANUAL OF STANDARD PRACTICES AS PUBLISHED BY CRSI.
3. UNLESS OTHERWISE NOTED ALL CONCRETE SHALL BE NORMAL WEIGHT AND SHALL DEVELOP MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS FOLLOWS:
   TRENCH AND PAD FOOTINGS .....3,000 PSI
   FOUNDATION WALLS AND PIERS ....3,000 PSI
   INTERIOR SLAB-ON-GRADE .....3,000 PSI
   EXTERIOR SLAB ON GRADE .....3,500 PSI (AIR ENTRAINED)
4. CONCRETE OVER METAL DECK FOR SUPPORTED FLOORS AS INDICATED ON THE PLANS SHALL BE 145 PCF AND SHALL DEVELOP MINIMUM COMPRESSIVE STRENGTH OF MIN. 2,500 PSI AT 28 DAYS.
5. CONCRETE EXPOSED TO WEATHER SHALL BE AIR -ENTRAINED. AIR CONTENT TO BE 6% +/- 1 %
6. ALL REINFORCING STEEL SHALL BE DEFORMED BARS GRADE 60 CONFORMING TO THE LATEST EDITION OF ASTM A-615/A 615M-00 OR ASTM-616 AND HAVE A MINIMUM YIELD STRENGTH OF 60000 PSI
7. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185-85 USING COLD DRAWN WIRE CONFORMING TO ASTM A82-01.
8. UNLESS OTHERWISE NOTED, MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE 3/4 INCH FOR SLABS, 1.5 INCH FOR BEAMS, COLUMNS AND PIERS, AND 1 INCH FOR WALLS. ALL CONCRETE EXPOSED TO WEATHER OR EARTHFILL SHALL HAVE A MINIMUM COVER OF 1.5 INCHES FOR #5 BARS OR SMALLER, 2 INCH FOR BARS LARGER THAN #5 AND 3 INCH FOR CONCRETE PLACED AGAINST EARTH.
9. VERIFY LOCATION AND DIMENSION OF ALL OPENINGS AND ALL EMBEDDED SLEEVES, FLOOR DRAINS, ROOF SUMPS, ETC., AS REQUIRED FOR DIFFERENT TRADES PRIOR TO POURING OF CONCRETE.
10. UNLESS OTHERWISE NOTED, PROVIDE VERTICAL DOWELS FROM FOOTINGS TO PIERS AND TO WALLS OF SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT, OFFSET FOR DOWELS AS REQUIRED. DOWELS TO EXTEND 24 BAR DIAMETERS INTO EACH MEMBER AT THE JOINT.
11. CONSTRUCTION JOINTS SHALL BE PLACED AT THE CENTER OF SPANS WITH A VERTICAL BULKHEAD.
12. SLABS, BEAMS AND FOOTINGS SHALL BE PLACED WITH OUT HORIZONTAL JOINTS.
13. PROVIDE HORIZONTAL BENT BARS AT ALL CORNERS AND INTERSECTIONS OF CONCRETE WALL OR GRADE BEAMS OF SAME SIZE AND SPACING AS HORIZONTAL WALL OR BEAM REINFORCING. USE BENT DOWELS TO DEVELOP ANCHORAGE IF NECESSARY. DOWELS TO EXTEND 24 BAR DIAMETERS INTO EACH MEMBER.

STEEL JOISTS:

1. ALL PROVISIONS OF THE RECOMMENDED CODE OF STANDARD PRACTICE FOR STEEL JOISTS AS ADOPTED BY THE STEEL JOIST INSTITUTE SHALL BE ADHERED TO.
2. STEEL JOIST BEARING ON STEEL BEAMS OR PLATES TO BE WELDED TO STEEL WITH 2" LONG PER "SJI". EXTEND BOTTOM CHORDS OF JOISTS AT COLUMNS TO A STABILIZER TAB. IF NO JOIST OCCURS AT COLUMNS, EXTEND BOTTOM CHORDS OF EACH ADJACENT JOIST AND CONNECT.
3. STEEL JOISTS OR JOIST GIRDERS ARE TO BE FABRICATED BY A MEMBER OF THE STEEL JOIST INSTITUTE AND BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST SPECIFICATIONS OF THE STEEL JOIST INSTITUTE.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS THAT CONFORM TO THE STANDARDS OF THE STEEL JOIST INSTITUTE (SJI) SPECIFICATIONS.
5. PROVIDE X-BRACING AND BOTTOM CHORD BRACING AT LOCATIONS INDICATED BY MANUFACTURER AND SHALL COMPLY WITH SJI STANDARDS.
6. COLD FORMED CHORDS ARE NOT PERMITTED.
7. ALL HANGERS FOR CEILINGS, DUCTWORK, ELECTRICAL CONDUIT, PIPING, ETC. SHALL BE HUNG DIRECTLY OR SUPPORTED FROM OR AT THE PANEL POINTS OF THE JOIST.
8. JOISTS SHALL HAVE ONE SHOP COAT OF PAINT. CHECK WITH ARCHITECT FOR COLOR.
9. MECHANICAL FRAMING , OPENINGS AND STRUCTURE IN ANY WAY RELATED TO MECHANICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL

CODE NARRATIVE:

1. THESE BUILDING PLANS ARE BEING SUBMITTED FOR A PROPOSED ONE AND TWO STORY BUILDING.
2. THE BUILDING WILL HAVE A FULL FIRE PROTECTION SYSTEM THROUGHOUT.
3. FIRE PROTECTION SPRINKLER SYSTEM IS NOT SHOWN ON THESE DRAWINGS AND IS BY CONTRACTOR TO SUBMIT TO AUTHORITY FOR REVIEW AND APPROVAL.

CODES & STANDARDS REFERENCES:

GENERAL CONTRACTOR TO COMPLY WITH ALL FEDERAL, STATE, CITY AND LOCAL CODES WHERE APPLICABLE. ALL NEW CONSTRUCTION SHALL COMPLY TO THE FOLLOWING.:

- 2015 NFPA 101 LIFE SAFETY CODE (NFPA)
- STATE OF MICHIGAN FIRE SAFETY RULES FOR NEW AND EXISTING SCHOOLS, COLLEGE, AND UNIVERSITY (RULE).
- 2015 MICHIGAN BUILDING CODE (MBC).
- 2015 MICHIGAN MECHANICAL CODE (MMC).
- 2018 MICHIGAN PLUMBING CODE (MPC).
- 2017 NATIONAL ELECTRICAL CODE (NEC) PART 8 OF THE STATE CONSTRUCTION CODE
- 2009 ICC/ANSI A117.1 AND MICHIGAN BARRIER FREE DESIGN LAW P.A. 1 OF 1966 AS AMENDED.
- 2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) WITH 2013 ASHRAE STANDARD 90.1 STANDARD INCLUDING AMENDMENTS.
- 2015 MICHIGAN UNIFORM ENERGY CODE, PART 10A (MEC
- 2010 FIRE SUPPRESSION NFPA 13
- 2013 FIRE ALARM CODE NFPA 72
- 2012 INTERNATIONAL FIRE CODE (IFC)
- 2015 INTERNATIONAL FUEL GAS CODE (IFGC)
- UNDERWRITERS LABORATORIES, INC
- PROJECT SHALL COMPLY WITH MBC 2015 CHAPTER 35 REFERENCE STANDARDS.
- CITY OF TROY ZONING ORDINANCE AND CODES
- MICHIGAN ELEVATOR CODE

CONSTRUCTION & CODE CRITERIA:

USE GROUP: E - EDUCATIONAL
CONSTRUCTION CLASS: IIB
NUMBER OF STORIES: 2

	UL DESIGN NO. (UN RESTRAINED)	REQUIRED (HOURS)	PROVIDED (HOURS)
PRIMARY STRUCTURAL FRAME:			
COLUMNS	NA	0	0
FLOOR JOISTS / BEAMS	NA	0	0
ROOF JOISTS / BEAMS	NA	0	0
BEARING WALL:			
EXTERIOR		0	0
INTERIOR		0	0
NON BEARING WALLS & PARTITIONS:			
EXTERIOR	NA	0	0
INTERIOR	NA	0	0
FLOOR CONSTRUCTION	NA	0	0
ROOF CONSTRUCTION	NA	0	0
SHAFTS ENCLOSURES (MBC 713.4)	No. U905 No. U415 & NER-258	1 1	1 1

OPENINGS IN EXTERIOR WALLS:
MBC - 705.8 NO LIMIT
MBC - 705.8.2 NOT REQUIRED TO BE PROTECTED

INTERIOR FINISHES:

ALL INTERIOR FINISHES SHALL MEET FINISH REQUIREMENTS PER MBC AND NFPA 101. MOST STRINGENT CLASSIFICATION IS APPLICABLE:

SPACE TYPE	CLASSIFICATION: MBC (803.11)	NFPA 101 (CH 10 & 14)
INTERIOR EXIT STAIRWAYS, RAMPS & EXIT PASSAGEWAYS	B	A OR B
CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS	B	A
ROOMS AND ENCLOSED SPACE	C	A, B OR C

FLOOR AREA (MBC):

GROUND LEVEL

AREA A	10,157	SF
AREA B	3,264	SF
AREA C	6,085	SF
AREA D	7,572	SF
TOTAL	27,209	SF
SECOND LEVEL	7,596	SF
TOTAL FLOOR AREA	34,781	SF

ALLOWED BUILDING HEIGHT AND AREA SECTION 504 & 506:
BASED ON EDUCATION "E" USE GROUP AND FULLY PROTECTED

BASE AREAS:
NS 14,500 SF
SM 43,500 SF
HEIGHT: 3 STORIES, 75 FT

ALLOWABLE AREA INCREASE: SINGLE OCCUPANCY, MULTI STORY.
AREA INCREASE (506.2.3):
Aa = [At + (NS x If)] x 2
[43,500 + (14,500 x 0.75)] x 2
65,250 SF ALLOWED
FRONTAGE INCREASE (506.3.3):
If = [F/P - 0.25] W/30
[(875 / 875) - 0.25] 30/30
0.75

FLOOR AREA (NFPA):

14.3.7 SUBDIVISION OF BUILDING SPACES:

14.3.7.1 THE REQUIREMENT OF 14.3.7.1 SHALL NOT APPLY DUE TO EXCEPTION (2) BUILDINGS PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 9.7

PLUMBING FIXTURE REQUIREMENT

OCCUPANTS:	
GROUND LEVEL	434
SECOND LEVEL	224
TOTAL	658
REQUIRED WATER CLOSETS (1/50):	
GROUND LEVEL	9
SECOND LEVEL	5
PROVIDED WATER CLOSETS (*):	
GROUND LEVEL	25
SECOND LEVEL	7
LAVATORIES:	TOTAL
REQUIRED - 1/100	7
PROVIDED	25
DRINKING FOUNTAIN:	TOTAL
REQUIRED - 1/100	7
PROVIDED	10
SERVICE SINK:	TOTAL
REQUIRED	1
PROVIDED	3

* WATER CLOSETS ARE NOT SUBSTITUTED FOR URINALS (MPC 2018 - 424.2)

FLOOR PLAN SYMBOL LEGEND:

- 1 HOUR FIRE BARRIER WALL CONSTRUCTION
- SMOKE TIGHT WALL CONSTRUCTION
- F.E.C. FIRE EXTINGUISHER CABINET (75' MAX. TRAVEL DISTANCE)
- # OCCUPANT LOAD EXITING THROUGH EGRESS COMPONENT
- # OCCUPANT CAPACITY OF EGRESS COMPONENT
- 50 OCCUPANT LOAD
- F.D.C. FIRE DEPARTMENT CONNECTION (COORDINATE WITH LOCAL FIRE DEPARTMENT).
- KB K (COORDINATE WITH LOCAL FIRE DEPARTMENT)NOCK BOX

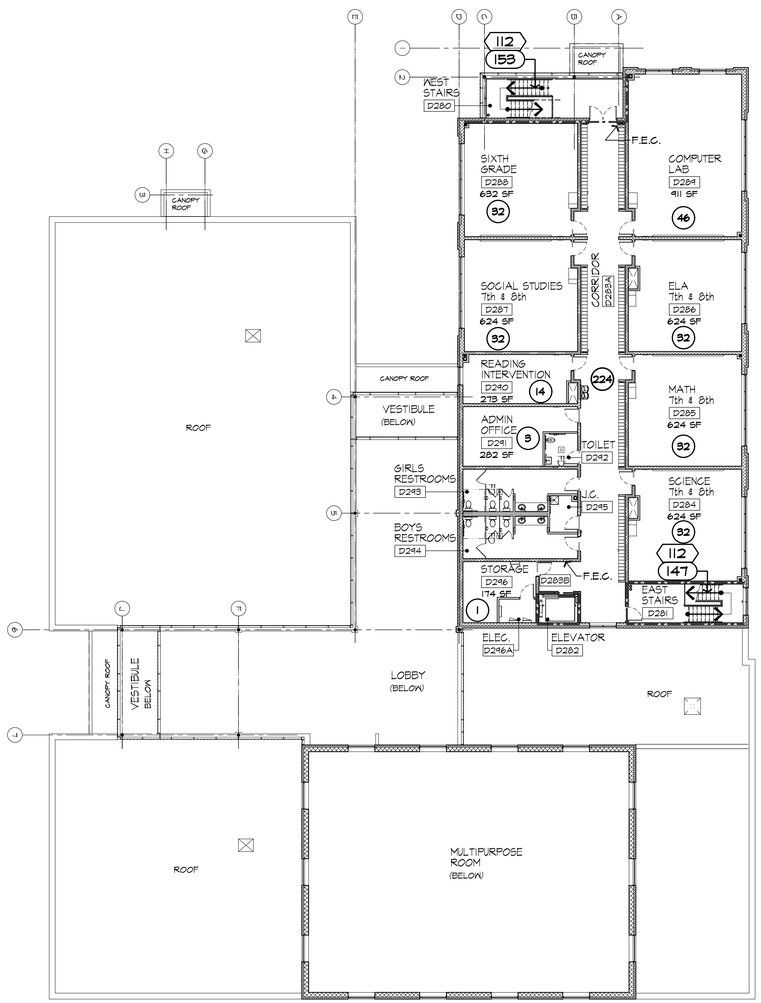
CODE REFERENCES:

OCCUPANT LOADS (MBC-1004.1.2, RULE AND NFPA-7.3.1.2) :

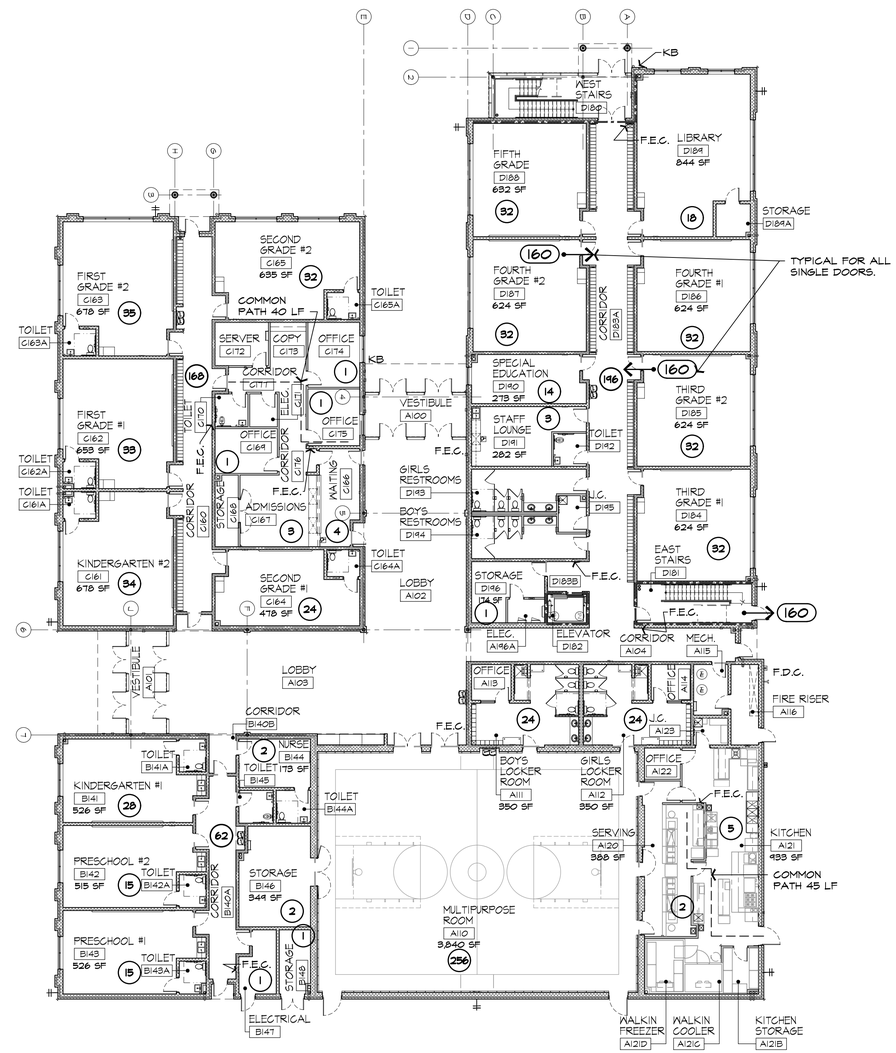
A. CLASSROOM AREA (EDUCATIONAL)	20 NET
B. DAY-CARE USE	35 NET
C. LOCKER ROOMS	15 GROSS
D. SHOPS AND OTHER VOCATIONAL ROOM	50 NET
E. KITCHENS	200 GROSS
F. LIBRARY STACK AREAS	100 GROSS
G. LIBRARY READING ROOMS	50 NET
H. ASSEMBLY UN-CONCENTRATED	15 NET
I. (TABLES AND CHAIRS)	
J. OFFICES	100 GROSS
K. STORAGE AREAS	300 GROSS
L. MECHANICAL & ELECTRICAL ROOMS	300 GROSS

MISCELLANEOUS REFERENCES:

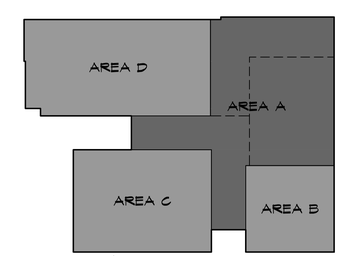
MBC-1005.3.1 & NFPA-7.3.3.1	STAIRWAYS WIDTHS	0.30 IN / OCC
MBC-1005.3.2 & NFPA-7.3.3.1	OTHER COMPONENTS WIDTHS	0.20 IN / OCC
MBC-1006.2.1	COMMON PATH OF EGRESS TRAVEL	75 FT
NFPA 14.2.5.3.1	COMMON PATH OF EGRESS TRAVEL	100 FT
MBC-1006.2.1	MAXIMUM OCCUPANT LOAD	49 OCCUPANTS
MBC-1007.1.1:	REMOTENESS OF EXITS (1007.1.1): MINIMUM DISTANCE APART (SPRINKLED) = 1/3 THE OVERALL DIAGONAL OF THE GIVEN AREA OR BUILDING IN QUESTION - BUILDING ADDITION	
MBC-1017.2 - 1020.4	EXIST ACCESS TRAVEL DISTANCE	250 FT
	DEAD END CORRIDOR	50 FT
NFPA 7.6 - 14.2.6.3	EXIST ACCESS TRAVEL DISTANCE	200 FT
	DEAD END CORRIDOR	50 FT



NORTH
SECOND LEVEL SAFETY PLAN
SCALE: 3/32"= 1'-0"



NORTH
GROUND LEVEL SAFETY PLAN
SCALE: 3/32"= 1'-0"



NORTH
KEY PLAN
NO SCALE

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN
RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :
FILE NAME : 22010_A003
JOB #: 22010
SHEET TITLE
LIFE SAFETY PLAN AND INFORMATION
SHEET #
A.003

WORK SEQUENCE:

1. SILT FENCE SHALL BE INSTALLED PRIOR TO EXCAVATION.
2. EXCAVATED MATERIALS WILL BE STOCKPILED BETWEEN THE EXCAVATING AND SILT FENCE.
3. THE SEDIMENT CONTROL MEASURES WILL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE & THE DISTURBED AREAS ARE STABILIZED WITH VEGETATION.

GENERAL SITE NOTES:

1. "OWNER AGREES TO SEASONAL MAINTENANCE PROGRAM AND WILL REPLACE ALL DISEASED, DEAD OR DAMAGED PLANTS, REPLENISH MULCH, CONTROL WEEDS, FERTILIZE AND PRUNE, BEGINNING UPON COMPLETION OF CONSTRUCTION OF LANDSCAPING."
2. "ANY HAZARDOUS MATERIALS PRODUCED, STORED OR OTHERWISE ON PREMISE WILL BE HANDLED PER APPLICABLE RULES AND REGULATIONS.
3. OWNER AGREES TO PICK-UP DEBRIS WITHIN PROPERTY LIMITS WEEKLY OR AS NEEDED.
4. PAVED SURFACES, WALK WAYS, SIGNS, LIGHTING AND OTHER STRUCTURES AND SURFACES SHALL BE MAINTAINED IN A SAFE ATTRACTIVE CONDITION AS ORIGINALLY DESIGNED AND CONSTRUCTED. PARKING LOT STRIPING AND MARKINGS SHALL BE MAINTAINED IN A CLEARLY VISIBLE MANNER.
5. THERE WILL BE NO OUTDOOR STORAGE.
6. THERE ARE NO EXISTING WETLANDS ON-SITE.
7. ALL LIGHTING SHALL BE DIRECTED AWAY FROM ADJACENT PROPERTIES AND RIGHTS-OF-WAY. WALL MOUNTED LIGHTING TO BE SELECTED BY OWNER / ARCHITECT. 175 WATT FIXTURE MAXIMUM MOUNTED AT 8'-8" ABOVE FINISHED GRADE.
8. SOILS - TOPSOIL TO A DEPTH OF 4" - 10" OR ASPHALT AND/OR CRUSHED STONE TO A DEPTH OF 4" - 9". GRANULAR SOILS WERE

GENERAL SITE NOTES (CONTINUED):

ENCOUNTERED TO DEPTHS RANGING TO 6.5 FEET TO 14.5 FEET, TYPICALLY TO DEPTHS GREATER THAN 10 FEET. THE GRANULAR SOILS CONSISTED OF LOOSE TO MEDIUM DENSE POORLY GRADED SAND, SAND AND GRAVEL, AND SILTY SAND. UNDERLYING THE GRANULAR MATERIAL SOILS, MEDIUM STIFF TO VERY STIFF TO GRAY LEAN AND SANDY LEAN GRAY WERE ENCOUNTERED.

9. DEVELOPMENT TO BE SINGLE PHASE CONSTRUCTION.
10. FIRE ACCESS TO BE MAINTAINED DURING CONSTRUCTION.
11. ON-SITE HYDRANT LOCATIONS SHALL BE APPROVED BY THE FIRE MARSHALL PRIOR TO ENGINEERING APPROVAL. ON-SITE HYDRANTS MAY BE REQUIRED.
12. DUMPSTER AND ENCLOSURE EXISTING ON SITE.
13. GC/CM TO COORDINATE POWER FEED / CONNECTION FOR GROUND MOUNTED SIGN.

PROJECT DATA:

ZONING	R-1B ONE-FAMILY RESIDENTIAL
TOTAL SITE AREA	3.18 ACRES (138,328 SF)
USE GROUP	"E" - EDUCATIONAL
CONSTRUCTION TYPE:	
ADDITION:	IIB - SPRINKLED

SITE REQUIREMENTS:

MINIMUM LOT PER DWELLING	15,000 SF
MINIMUM WIDTH	110 FT.
MAXIMUM BUILDING HEIGHT	30'-0" (2-1/2 STORY)
MINIMUM BUILDING YARD SETBACKS:	
FRONT	45'-0"
SIDE LEAST ONE	15'-0"
SIDE LEAST TWO	30'-0"
REAR	45'-0"
MINIMUM PARKING YARD SETBACKS:	
FRONT	0'-0"
SIDE LEAST ONE	10'-0"
REAR	10'-0"

MAXIMUM BUILDING COVERAGE PERMITTED: 30%

PROPOSED BUILDING HEIGHTS:	
TWO STORY AREA	30'-0"
MULTI PURPOSE ROOM	30'-0"
LOBBY	22'-0"
ONE STORY AREA	18'-0"

PROPOSED BUILDING COVERAGE ON SITE:	
GROUND LEVEL TOTAL AREA:	28,240 SF
SITE AREA	138,328 SF
COVERAGE	0.20 (100) - 20%

BUILDING GROSS AREA (FOOTPRINT):

GROUND LEVEL	28,240 SF
SECOND LEVEL	8,028 SF
BUILDING TOTAL	36,268 SF

PARKING REQUIREMENTS

SCHEDULE OF REQUIRED OFF-STREET PARKING SPACES (TABLE 13.06-A) - INSTITUTIONAL:

PRIMARY AND SECONDARY SCHOOL:
ONE (1) SPACE FOR EACH ONE (1) TEACHER, EMPLOYEE, OR ADMINISTRATOR IN ADDITION TO THE REQUIREMENTS FOR SEPARATE AUDITORIUM OR STADIUM SEATING

CHILD CARE AND PRESCHOOLS:
TWO (2) SPACES PLUS ONE (1) ADDITIONAL SPACE FOR EACH EIGHT (8) CHILDREN OF LICENSED AUTHORIZED CAPACITY.

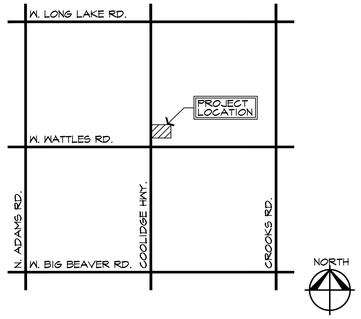
REQUIRED SPACES BY AREA:

AREA	STAFF/TEACHERS	SPACES
ALL AREAS	TEACHERS	25
ALL AREAS	STAFF	9
AREA B	30 CHILDREN	6
TOTAL REQUIRED:		40

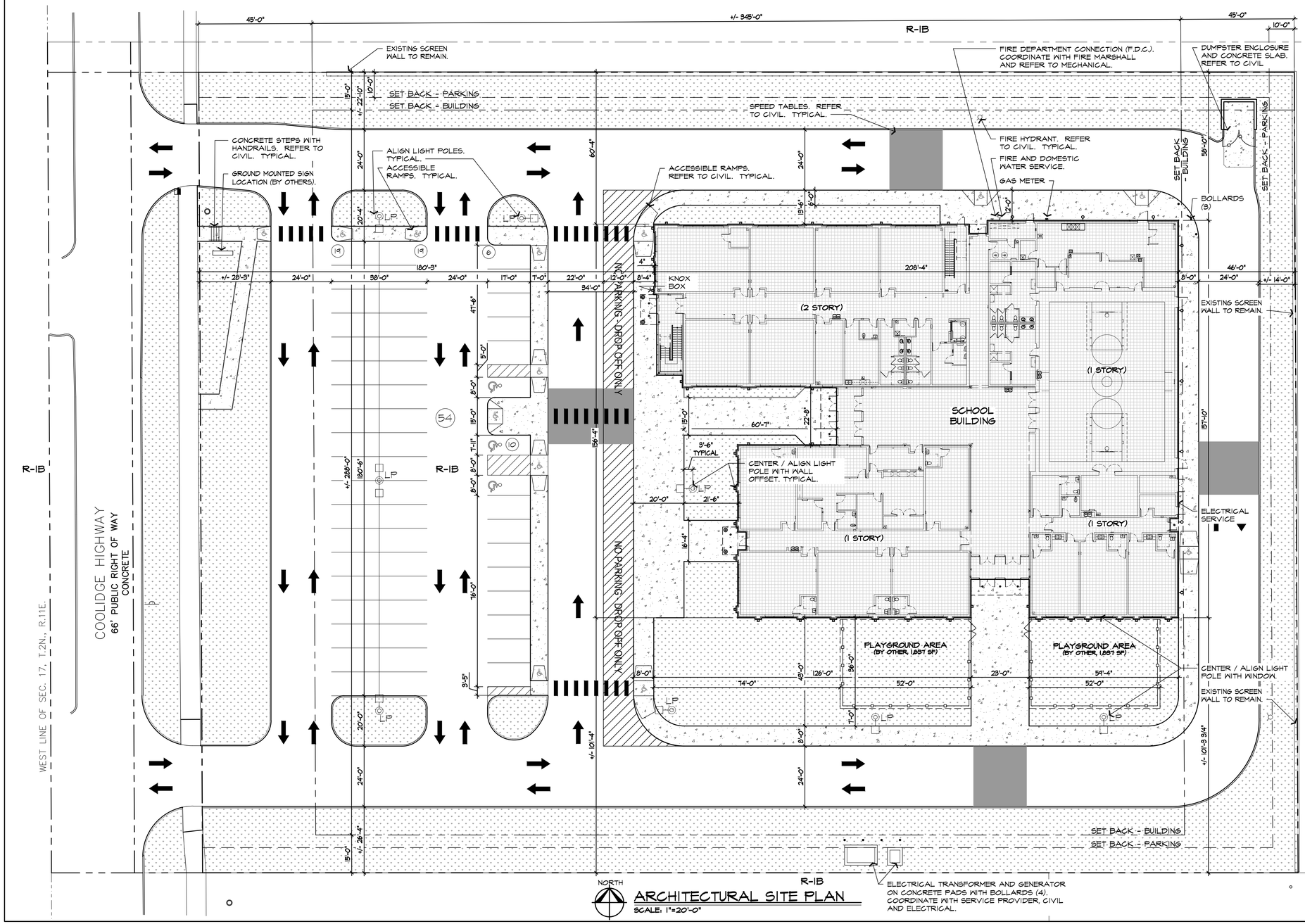
PARKING FOR THE BUILDING WILL ONLY BE ACCESSED FOR THE FACULTY AND STAFF. THERE WILL BE NO STUDENT PARKING AND/OR AUDITORIUM OR PUBLIC MEETING SPACE PARKING.

PROVIDED PARKING SPACES: 54
BARRIER FREE: 3 SPACES PROVIDED

LOCATION MAP



REFER TO CIVIL WORK FOR ALL SITE INFORMATION. CIVIL SHALL OVERRIDE THE ARCHITECTURAL SITE PLAN. NOT ALL ITEMS ARE DEPICTED ON THIS SITE PLAN. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES.



ARCHITECTURAL SITE PLAN
SCALE: 1"=20'-0"

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN
RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
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DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A004

JOB #: 22010

SHEET TITLE
ARCHITECTURAL SITE PLAN

SHEET #
A.004

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

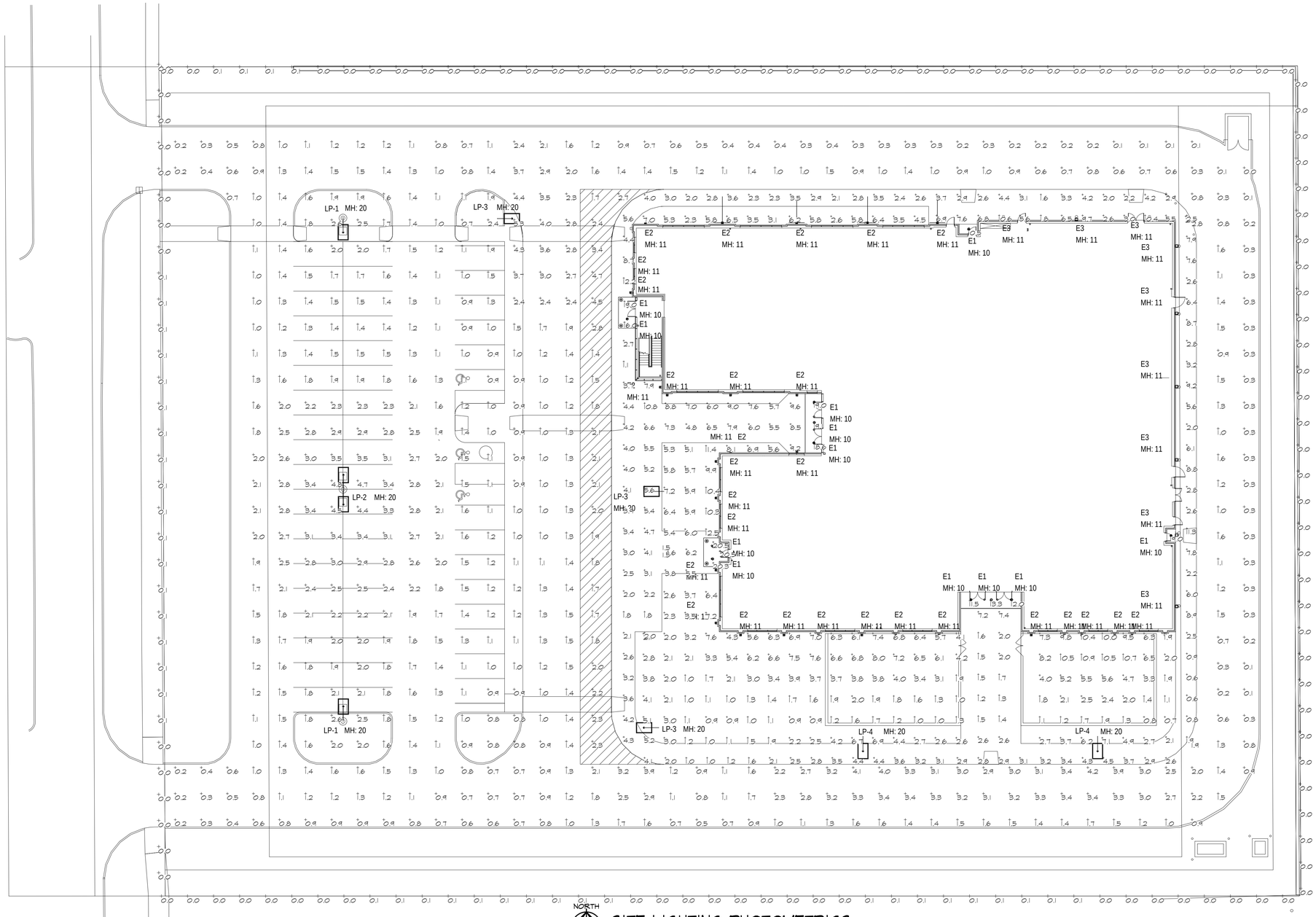
Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
Greenspace Adjacent Building	Fc	4.26	12.5	0.7	6.09	17.86
North Canopy Entrance	Fc	10.50	10.5	10.5	1.00	1.00
Northwest Canopy Entrance	Fc	17.50	19.0	16.0	1.09	1.19
Parking Lot and Drives	Fc	1.57	5.3	0.0	N.A.	N.A.
Property Line	Fc	0.03	0.1	0.0	N.A.	N.A.
Sidewalks	Fc	4.23	12.2	0.6	7.05	20.33
South Canopy Entrance	Fc	12.27	13.3	11.5	1.07	1.16
Southwest Canopy Entrance	Fc	20.43	20.5	20.3	1.01	1.01
West Canopy Entrance	Fc	19.00	19.0	19.0	1.00	1.00
West Main Canopy Entrance	Fc	18.90	19.1	18.6	1.02	1.03

Luminaire Schedule						
Symbol	Qty	Label	LLF	Description	Lum. Watts	Lum. Lumens
	2	LP-1	0.900	MCGRAW EDISON GALN-SA2C-740-U-5WQ	108	14797
	1	LP-2	0.900	MCGRAW EDISON GALN-SA2C-740-U-5WQ	108	14797
	3	LP-3	0.900	MCGRAW EDISON GALN-SA2C-740-U-SL4	108	13839
	2	LP-4	0.900	MCGRAW EDISON GALN-SA2C-740-U-SL2	108	14112
	9	E3	0.900	LUMARK XTOR3B-W	25.5	2710
	29	E2	0.900	LIGMAN TA-31871-T4-W40	37.8	2777
	12	E1	0.900	HC610D010-HM60525840-61MDH	9.9	1160

CALCULATION POINTS FOR PROPERTY BOUNDARY ARE TAKEN AT 5'-0" A.F.G. ALL OTHER CALCULATION POINTS ARE TAKEN AT GRADE LEVEL.

MOUNTING HEIGHTS ARE INDICATED ADJACENT TO THE LUMINAIRES IN PLAN (MH:XX).

MOUNTING HEIGHTS FOR TYPES E2, E3, LP-1, LP-2, LP-3 AND LP-4 ARE MEASURED FROM TOP OF LUMINAIRE TO ABOVE GRADE.



SITE LIGHTING PHOTOMETRICS
SCALE: 1"=20'-0"

FOR REFERENCE ONLY

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GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
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586-365-5000

NOOR INTERNATIONAL ACADEMY
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DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A005

JOB #: 22010

SHEET TITLE
SITE LIGHTING PHOTOMETRICS

SHEET #
A.005

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

MATERIAL LEGEND

ABBV.	MATERIAL	MANUFACTURERS
ACT-1	2'-0" x 4'-0" ACOUSTICAL CEILING TILE	ARMSTRONG
ACT-2	2'-0" x 4'-0" WATER RESISTANT ACOUSTICAL CEILING TILE	USG SHEETROCK LAY-IN CEILING PANEL CLIMAPLUS VINYL #3270
BRK-1	BRICK	AS SELECTED BY GC/CM AND COORDINATED WITH OWNER
CMU	CONCRETE MASONRY UNITS, PAINTED	'BEST BLOCK COMPANY' / 'GRAND BLANC CEMENT PRODUCTS' 'THEUT PRODUCTS'
CPT-1	CARPET	BIGELOW STYLE NAME: WOW BC142 STYLE NO.: 7382 PHAT THAT BACKING: LIFELOC LAMINATE MOISTURE BARRIER BACKING
CPT-2(3)		PATCRAFT STYLE NAME: ALPHABET SOUP 10114 STYLE NO.: 14428 BROTH BACKING: EVERBOND EL MOISTURE BARRIER
CPT-3(6)		PATCRAFT STYLE NAME: STRUT YOUR STUFF 10109 STYLE NO.: 08410 SWING BACKING: EVERBOND EL MOISTURE BARRIER
CT-2	CERAMIC TILE - NON-SLIP	BEAVER, 6" X 8" OLYMPIA MOLISE 32190 BLUE
CT-3	CERAMIC TILE - NON-SLIP	BEAVER, 6" X 8" OLYMPIA MOLISE 32210 GREY
CT-4	CERAMIC TILE - NON-SLIP	BEAVER, 6" X 8" OLYMPIA MOLISE 33580 SPRING GREEN
CT-5	CERAMIC TILE - NON-SLIP	BEAVER, 6" X 8" OLYMPIA MOLISE 32160 BONE
CT-6	CERAMIC TILE - NON-SLIP	BEAVER, 8" X 8" STONEPEAK NEW BASICS NICKEL
CTB-1	CERAMIC TILE WALL BASE	BEAVER, 6"X8" COVE BASE STONEPEAK NEW BASICS NICKEL
QT-1	QUARRY TILE	BEAVER SUMMITVILLE, 33 FALCON
QTB-1	QUARRY TILE WALL BASE	BEAVER SUMMITVILLE, 33 FALCON, COVE BASE (ROUND TOP)
GLS	GLAZING / GLASS SYSTEM	REFER TO GLAZING INFORMTION 'PPG' / 'VERICON'
GYP-1		5/8" GYPSUM BOARD
GYP-2		5/8" MOLD-RESISTANT GYPSUM BOARD
GYP-3		5/8" HIGH IMPACT GYPSUM BOARD
PNT-2	CONCRETE PAINT - SEMI-GLOSS	PITTSBURGH PAINTS / BENJAMIN MOORE - LATEX DRY-FALL ON ALL EXPOSED CEILINGS
PNT-3	GYPSUM BOARD PAINT - SEMIGLOSS	PITTSBURGH PAINT 324-3 DUSTY LILAC
PNT-4	GYPSUM BOARD PAINT - SEMIGLOSS	PITTSBURGH PAINT 115-4 SANDUST- SEMIGLOSS
PNT-5	GYPSUM BOARD PAINT - SEMIGLOSS	PITTSBURGH PAINT 209-3 ALOE VERA
PNT-6	GYPSUM BOARD PAINT - SEMIGLOSS	PITTSBURGH PAINT 515-3 MOROCCO SAND
PNT-7	GYPSUM BOARD PAINT - SEMIGLOSS	BENJAMIN MOORE OC-117 SIMPLY WHITE
PNT-21		PITTSBURGH PAINT 209-3 ALOE VERA
PNT-22		PITTSBURGH PAINT 515-3 MOROCCO SAND
PNT-23		BENJAMIN MOORE OC-117 SIMPLY WHITE
VCT-1	VINYL COMPOSITE FLOOR TILE 12"X12"X1/8"	ARMSTRONG: IMPERIAL TEXTURE STANDARD EXCELON 52500 CARNIVAL WHITE
VCT-2	VINYL COMPOSITE FLOOR TILE 12"X12"X1/8"	ARMSTRONG: IMPERIAL TEXTURE STANDARD EXCELON 51852 SERENE BLUE
VCT-3	VINYL COMPOSITE FLOOR TILE 12"X12"X1/8"	ARMSTRONG: IMPERIAL TEXTURE STANDARD EXCELON 51866 LITTLE GREEN APPLE
VCT-4	VINYL COMPOSITE FLOOR TILE 12"X12"X1/8"	ARMSTRONG: IMPERIAL TEXTURE STANDARD EXCELON 51878 GOLDEN
VCT-5	VINYL COMPOSITE FLOOR TILE 12"X12"X1/8"	ARMSTRONG: IMPERIAL TEXTURE STANDARD EXCELON 57507 DUSTY PLUM OR 57551 PERFECT STORM
VCT-6	VINYL COMPOSITE FLOOR TILE 12"X12"X1/8"	ARMSTRONG: IMPERIAL TEXTURE STANDARD EXCELON 51946 GENTAIN BLUE
RB-1	RUBBER WALL BASE	TARKETT-JOHNSONITE: BASEWORKS THERMOSET RUBBER WALL BASE. 4" HIGH AND 1/8" THICK. GC/CM TO COORDINATE COLOR SELECTION WITH OWNER FROM THE STANDARD OR COSTUME COLORS FROM THE MANUFACTURES' GUIDE.
RST-1	RUBBER STAIRS TILE	TARKETT-JOHNSONITE: RUBBER STAIR TREAD WITH INTEGRATED RISER. 58 WINDSOR BLUE COLOR IN "RAISED SQUARE" FOR THE VISUALLY IMPAIRED WITH BLACK GRIT TAPE. GC/CM TO COORDINATE COLOR SELECTION WITH OWNER FROM THE STANDARD OR COSTUME COLORS FROM THE MANUFACTURES' GUIDE.
RST-2		SAME AS RST-1 EXCEPT FOR TILES AT LANDINGS
	CASEWORK	FLAIRWOOD INDUSTRIES, INC.
	TILE GROUT COLOR	WALLS: 333 ALABASTER FLOOR: 165 DELORIAN GRAY

ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	CEILING HEIGHTS	REMARKS
SECOND LEVEL										
D180	WEST STAIRS	VCT-1	RB-1	BRK-1	BRK-1	GLS	GLS	EXP	-	
D181	EAST STAIRS	VCT-1	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	EXP	-	SEE NOTE #1
D182	ELEVATOR	-	-	-	-	-	-	-	-	
D183A	CORRIDOR	VCT-1/2/3/ 4/5/6	RB-1	PT-8/PT-5	-	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #3
D183B	CORRIDOR	VCT-1/2/3/ 4/5/6	RB-1	-	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #3
D184	THIRD GRADE #1	CPT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D185	THIRD GRADE #2	CPT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D186	FOURTH GRADE #1	CPT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D187	FOURTH GRADE #2	CPT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D188	FIFTH GRADE	CPT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D189	LIBRARY	CPT-3	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D189A	STORAGE (LIBRARY)	CPT-3	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	
D190	SPECIAL EDUCATION	CPT-1	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #1
D191	STAFF LOUNGE	CPT-6	RB-1	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	ACT-1	10'-0"	SEE NOTE #1
D192	TOILET	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
D193	GIRLS RESTROOMS	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #1
D194	BOYS RESTROOMS	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #1
D195	J.C.	VCT-1	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	-	
D196	STORAGE	CONC	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	
D196A	ELECRIC ROOM	CONC	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	

NO.	ROOM NAME	FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	CEILING HEIGHTS	REMARKS
SECOND LEVEL										
D280	WEST STAIRS	VCT-1	RB-1	BRK-1	BRK-1	GLS	GLS	ACT-1	10'-0"	SEE NOTE #1
D281	EAST STAIRS	VCT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D282	ELEVATOR	-	-	-	-	-	-	-	-	
D283A	CORRIDOR	VCT-1/2/3/ 4/5/6	RB-1	PT-8 / PT-5	-	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #3
D283B	CORRIDOR	VCT-1/2/3/ 4/5/6	RB-1	-	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #3
D284	SCIENCE 7th & 8th	CPT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D285	MATH 7th & 8th	CPT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D286	ELA 7th & 8th	CPT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D287	SOCIAL STUDIES 7th & 8th	CPT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D288	SIXTH GRADE	CPT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D289	COMPUTER LAB	CPT-3	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D290	READING INTERVENTION	CPT-1	RB-1	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	PT-8 / PT-5	ACT-1	10'-0"	SEE NOTE #1
D291	ADMIN OFFICE	CPT-6	RB-1	PT-8 / PT-6	PT-8 / PT-6	PT-8 / PT-6	PT-8 / PT-6	ACT-1	10'-0"	SEE NOTE #1
D292	TOILET	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
D293	GIRLS RESTROOMS	CT-1	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #1
D294	BOYS RESTROOMS	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #1
D295	J.C.	VCT-1	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	
D296	STORAGE	CONC	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	
D296A	ELEC.	CONC	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	

ROOM FINISH SCHEDULE AND MATERIAL LEGEND IS BEING PROVIDED AS DESIGN INTENT / BASIS OF DESIGN FOR MATERIAL / PRODUCT THAT WAS PROVIDED TO THE GC/CM. ALL FF&E (FURNITURE, FIXTURES & EQUIPMENT) AND MILLWORK DRAWINGS ARE BY OWNER / GC/CM OR INTERIOR DESIGNER. ALL INTERIOR ELEVATIONS SHOWN IN ARCHITECTURAL DRAWING SET ARE FOR DESIGN INTENT ONLY.

ROOM FINISH GENERAL NOTES:

1. VERIFY ALL CARPET THICKNESS AS SPECIFIED BY ARCHITECT WITH FLOOR STONE AS REQUIRED TO RAISE CARPET 3/16" ABOVE STONE FLOOR
2. ALL VINYL TILE TO HAVE A 4" COVED MOLDING.
3. CARPETED FLOORS - PROVIDE BASE AS SCHEDULED.
4. ALL EXPOSED "CONCRETE BLOCK" (CMU) SHALL BE INSTALLED WITH TOOLED JOINTS.
5. ALL EXPOSED "CMU" WALLS CORNERS SHALL BE "BULLNOSED" UNITS.
6. REFER TO FLOOR PLAN FOR GYPSUM TYPE AND PROVIDE:
   - 6.1. MOLD-RESISTANT GYPSUM BOARD AS INDICATED ON FLOORS PLANS. AND ALL WET LOCATIONS SUCH AS KITCHENS AND RESTROOM. PROVIDE CEMENT BOARD AT ALL SHOWER STALLS AND TILED WALLS.
   - 6.2. HIGH IMPACT GYPSUM BOARD WHERE INDICATED ON FLOOR PLAN.
7. BUILD ALL CONCRETE BLOCK WALLS AND OTHER INTERIOR PARTITIONS TO UNDERSIDE OF STRUCTURE WITH COMPRESSIBLE FILL MATERIAL AND SEALED TIGHT ON BOTH SIDES FOR SMOKE TIGHT CONSTRUCTION UNLESS OTHERWISE INDICATED.
8. WHERE "CONCRETE" IS INDICATED IN SCHEDULE A FINISHED "CONCRETE FINISH" IS REQUIRED.
9. ALL METAL STUD PARTITIONS SHALL BE HORIZONTALLY BRACED AT 4'-0" O.C. MAXIMUM SPACING AND STUDS SPACED 16" O.C. UNLESS OTHERWISE NOTED.
10. WALLS DEMISING TOILET ROOMS BETWEEN MALE & FEMALE OR BETWEEN OTHER SPACES ADJACENT ARE TO BE CONSTRUCTED W/ STUDS TO UNDERSIDE OF STRUCTURE ABOVE & ARE TO RECEIVE (1) LAYER OF 5/8" GYPSUM BOARD TO DECK ABOVE. WHERE INSULATION IS INDICATED IT IS TO BE FULL HEIGHT IN THESE ASSEMBLIES.
11. ALL EXPOSED STAIR STEEL AND RAILING SHALL BE SHOP PRIMED AND FIELD PAINTED.
12. PROVIDE REDUCER STRIP AT ALL FLOOR MATERIAL TRANSITIONS UNLESS OTHERWISE NOTED.

ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	CEILING HEIGHTS	REMARKS
GROUND LEVEL										
A100	VESTIBULE	CT-6	CTB	BRK	GLS	BRK	GLS	EXP	-	
A101	VESTIBULE	CT-6	CTB	GLS	BRK	GLS	BRK	EXP	-	
A102	LOBBY	VCT-1	RB-1	BRK	PT-8/PT-5	BRK	GLS	EXP	-	SEE NOTE #1
A103	LOBBY	VCT-1/2/3 4/5/6	RB-1	BRK	BRK	GLS	BRK	EXP	-	SEE NOTE #3
A104	CORRIDOR	VCT-1/2/3 /4/5/6	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	
A110	MULTIPURPOSE ROOM	VCT-1	RB-1	PNT-23/PT-8	PNT-23/PT-8	PNT-23/PT-8	PNT-23/PT-8	EXP	-	SEE NOTE #6
A111	BOYS LOCKER ROOM	CT-1	CTB	PT-8/CT-2/ CT-3	PT-8	PT-8	PT-8	GYP-2	10'-0"	SEE NOTE #4
A112	GIRLS LOCKER ROOM	CT-6	CTB	PT-8	PT-8	PT-8/CT-4/ CT-5	PT-8	GYP-2	10'-0"	SEE NOTE #4
A113	OFFICE (BOYS LOCKERS	CT-1	CTB	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	GYP-2	10'-0"	
A114	OFFICE (GIRLS LOCKERS	VCT-1	RB-1	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	GYP-2	10'-0"	
A115	MECH.	CONC	RB-1	PT-8	PT-8	PT-8	PT-8	EXP	-	
A116	FIRE RISER	CONC	RB-1	PT-8	PT-8	PT-8	PT-8	EXP	-	
A120	SERVING	CT-6	CTB	CT	CT	CT	CT	ACT-2	10'-0"	SEE NOTE #1
A121	KITCHEN	QUARRY TILE	QTB	CT	CT	CT	CT	ACT-2	10'-0"	SEE NOTE #5
A121B	KITCHEN STORAGE	QUARRY TILE	QTB	CT	CT	CT	CT	ACT-2	10'-0"	
A121C	WALKIN COOLER									
A121D	WALKIN FREEZER									
A122	OFFICE	VCT	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	
A123	J.C.	VCT-1	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	
A196A	ELEC.	CONC	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	
B140A	CORRIDOR	VCT-1/2/3 4/5/6	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #3
B140B	CORRIDOR	VCT-1/2/3 4/5/6	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5		EXP	-	SEE NOTE #3
B141	KINDERGARTEN #1	CPT-1	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #1
B141A	KINDERGARTEN #1 TOILET	CT-6	CTB	PT-8/CT-2/ CT-3	PT-8/CT-2/ CT-3	CT	CT	ACT-1	10'-0"	SEE NOTE #2
B142	PRESCHOOL/ DAYCARE #2	CPT	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #1
B142A	TOILET	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
B143	PRESCHOOL/ DAYCARE #3	CPT-1	RB-1	PT-8/PT-4	PT-8/PT-4	PT-8/PT-4	PT-8/PT-4	ACT-1	10'-0"	SEE NOTE #1
B143A	TOILET	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
B144	NURSE	VCT	RB-1	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	ACT-1	10'-0"	SEE NOTE #1
B144A	NURSE'S TOILET	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
B145	TOILET	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
B146	STORAGE (MULTI-PURPOSE ROOM)		RB-1	PT-8	PT-8	PT-8	PT-8	EXP	-	
B147	ELECTRICAL	CONC	RB-1	PT-8	PT-8	PT-8	PT-8	EXP	-	
B148	STORAGE	CONC	RB-1	PT-8	PT-8	PT-8	PT-8	EXP	-	
C160	CORRIDOR	VCT-1/2/3/ 4/5/6	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #1
C161	KINDERGARTEN #2	CPT-1	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #1
C161A	TOILET (KINDERGARTEN #2)	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
C162	FIRST GRADE #1	CPT-1	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #1
C162A	TOILET (FIRST GRADE #1)	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
C163	FIRST GRADE #2	CPT-1	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #1
C163A	TOILET	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
C164	SECOND GRADE #1	CPT-1	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #1
C164A	TOILET	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
C165	SECOND GRADE #2	CPT-1	RB-1	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	PT-8/PT-5	ACT-1	10'-0"	SEE NOTE #1
C165A	TOILET	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
C166	WAITING	CPT-6	RB-1	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	ACT-1	10'-0"	SEE NOTE #1
C167	ADMISSIONS	CPT-6	RB-1	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	ACT-1	10'-0"	SEE NOTE #1
C168	STORAGE	CPT-6	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	
C169	OFFICE	CPT-6	RB-1	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	ACT-1	10'-0"	SEE NOTE #1
C170	TOILET	CT-6	CTB	CT	CT	CT	CT	ACT-1	10'-0"	SEE NOTE #2
C171	ELEC.	CONC	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	
C172	SERVER	VCT-1	RB-1	PT-8	PT-8	PT-8	PT-8	ACT-1	10'-0"	
C173	COPY	CPT-6	RB-1	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	ACT-1	10'-0"	SEE NOTE #1
C174	OFFICE	CPT-6	RB-1	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	ACT-1	10'-0"	SEE NOTE #1
C175	OFFICE	CPT-6	RB-1	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	ACT-1	10'-0"	SEE NOTE #1
C176	CORRIDOR	CPT-6	RB-1	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	ACT-1	10'-0"	SEE NOTE #1
C177	CORRIDOR	CPT-6	RB-1		PT-8/PT-6	PT-8/PT-6	PT-8/PT-6	ACT-1	10'-0"	SEE NOTE #1

MATERIAL ABBREVIATION LEGEND:

ACT	LAY-IN CEILING TILE
CMU	CONCRETE MASONRY UNITS, PAINTED
CON	CONCRETE
CPT	CARPET
GLS	GLAZING SYSTEMS
GYP	GYPSUM BOARD
CT	CERAMIC TILE
CTB	PORCELAIN CERAMIC TILE BASE
EXP	EXPOSED STRUCTURE / CEILING
MRB	MARBLE
PNT	PAINT
RB	RUBBER BASE
RST	RUBBER STAIR TREAD AND LANDING TILE
QT	QUARRY TILE
QTB	QUARRY TILE BASE
VCT	12"x12" VINYL COMPOSITE TILE

FINISH SCHEDULE REMARKS NOTES:

1. GC/CM TO COORDINATE PROVIDED TYPICAL ELEVATION FOR PAINT SCHEME.
2. FULL HEIGHT CERAMIC TILE ON WALL.
3. FLOOR TILE LAYOUT BY OWNER / CM.
4. CERAMIC TILE ON ALL SHOWER WALLS.
5. NOT USED.
6. EPOXY PAINT TO BOTTOM OF DECK.
7. PROVIDE INTEGRATED ABRASIVE SAFETY STRIP WITH VISUALLY IMPAIRED VISION FINISH AT EACH NOSING.
8. EXPOSED PAINTED OR SEALED CMU WALLS.
9. REFER TO GLAZING DETAILS AND ELEVATIONS.

GC/CM TO VERIFY SELECTION OF ALL MATERIALS, COLORS, FINISHES AND PATTERN WITH OWNER.

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN
RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

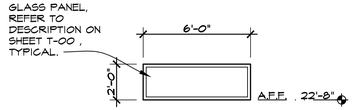
SCALE :

FILE NAME : 22010_A051

JOB #: 22010

SHEET TITLE
GENERAL INFORMATION AND SCHDULES

SHEET #
A.051



MULTIPURPOSE CLERESTORY WINDOWS
NOT TO SCALE

GENERAL WINDOW NOTES:

1. REFER TO SHEET T-00 FOR SPECIFICATIONS OF WINDOWS.
2. ALL WINDOW GLASS SHALL BE 1" INSULATED, TEMPERED, LOW-E GLASS.

ABBREVIATION (DOORS):

AA ANODIZED ALUMINUM (VERIFY WITH OWNER)
HM HOLLOW METAL
SC SOLID CORE WOOD DOOR
FRP FIBER REINFORCED PANEL

DOOR NOTE LEGEND:

1. 45 MINUTE FIRE RATED DOORS, FRAMES AND GLASS. SEE DOOR TYPE FOR DOORS WITH GLASS (100 SQ IN MAXIMUM, REINFORCED WITH WIRE.)
2. SMOKE TIGHT DOOR SEAL.
3. LOUVERED DOORS.
4. 45 MINUTE FIRE RATED DOORS, FRAMES AND GLASS. SEE DOOR TYPE FOR DOORS WITH GLASS (100 SQ IN MAXIMUM, REINFORCED WITH WIRE.)

GENERAL DOOR SPECIFICATION

1. SOLID CORE WOOD DOORS SHALL BE: PRE-FINISHED AS "PRE-FINISHED BY MOHAWK FLUSH DOORS". DOORS TO BE ROTARY-CUT NATURAL BIRCH VENEER, SOLID-CORE, FIRE-LABLED AS REQUIRED, PRE-FINISHED STANDARD COLORS IF ANY. FACTORY MACHINED FOR MORTISED HARDWARE AS SPECIFIED. ALL HARDWARE MUST BE RECESSED FLUSH WITH NO SHARP EDGES EXPOSED.
2. HOLLOW METAL DOORS AND FRAMES SHALL BE: AS FURNISHED BY PIONEER / STEELCRAFT / SPECIALITE (OR EQUAL). FRAMES TO 16-GAGE, COMMERCIAL GRADE, "F" SERIES, WELDED UNITS, WITH ANCHORINS AS REQUIRED BY WALL CONDITIONS. REFER TO DETAILS ON THIS SHEET. DOORS SHALL BE 18-GAGE, COMMERCIAL GRADE, "VM" SERIES, PREPARED TO RECEIVE MORTISED HARDWARE AS SPECIFIED. ALL HARDWARE MUST BE RECESSED FLUSH WITH NO SHARP EDGES EXPOSED. H.M. DOORS AND FRAMES SHALL PRIMED AND PAINTED TO MATCH ROOM COLOR.
3. SEE SEPARATE DOOR HARDWARE SCHEDULE LIST AND SPECIFICATIONS.
4. ALL GLASS USED IN DOORS AND SIDE LITES SHALL BE TEMPERED ¼" GLASS.
5. GLASS FRAME IN DOORS SHALL ALSO BE PRE-FINISHED TO MATCH DOOR OR FINISHED IN FIELD.
6. COORDINATE ALL DOORS AND FRAMES SIZES WITH MASONRY AND CARPENTRY CONTRACTORS PRIOR TO CONSTRUCTION.
7. COORDINATE ALL DOORS AND DOOR HARDWARE SETS, ESPECIALLY EXTERIOR DOORS, WITH OWNER'S SECURITY / TECHNOLOGY CONSULTANTS.
8. ALUMINUM STOREFRONT/CURTAIN WALL SHALL BE: AS FURNISHED BY KEWANEER CORPORATION.

DOOR SCHEDULE

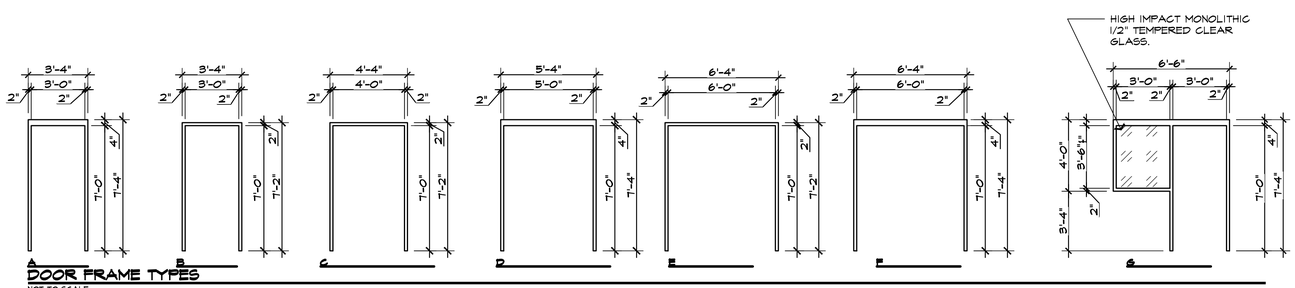
DOOR HARDWARE TO PROVIDED TO OWNER COMPLYING WITH APPLICABLE CODES AND PER GENERAL DOOR SPECIFICATION.

NO.	ROOM NAME	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HARDWARE SET	NOTE LEGEND	FIRE RATING	REMARKS
GROUND LEVEL										
D180A	WEST STAIRS (EXTERIOR)	3'-0" x 7'-0" x 1 3/4"	1	AA	A	AA	20			
D180B	WEST STAIRS (INTERIOR)	3'-0" x 7'-0" x 1 3/4"	6	SC	A	HM	19	1		
D181A	EAST STAIRS (EXTERIOR)	3'-0" x 7'-0" x 1 3/4"	1	FRP	B	AA	01			
D181B	EAST STAIRS (INTERIOR)	3'-0" x 7'-0" x 1 3/4"	6	SC	A	HM	16	1		
D184	THIRD GRADE #1	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D185	THIRD GRADE #2	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D186	FOURTH GRADE #1	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D187	FOURTH GRADE #2	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D188	FIFTH GRADE	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D189	LIBRARY	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	03	2		
D189A	STORAGE (LIBRARY)	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	07			
D190	SPECIAL EDUCATION	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D191	STAFF LOUNGE	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	03	2		
D192	TOILET	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	18	2		
D193	GIRLS RESTROOM	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	06	2		
D194	BOYS RESTROOM	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	06	2		
D195	JANITOR CLOSET	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	04	2		
D196	STORAGE	3'-0" x 7'-0" x 1 3/4"	1	HM	A	HM	33	2		
D196A	ELECTRICAL ROOM	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	17			

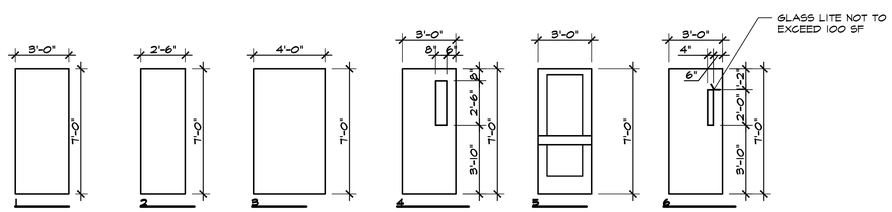
DOOR SCHEDULE

DOOR HARDWARE TO PROVIDED TO OWNER COMPLYING WITH APPLICABLE CODES AND PER GENERAL DOOR SPECIFICATION.

NO.	ROOM NAME	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HARDWARE SET	NOTE LEGEND	FIRE RATING	REMARKS
SECOND FLOOR										
D280	WEST STAIRS	(2) 3'-0" x 7'-0" x 1 3/4"	6	SC	F	HM	19	1		
D281	EAST STAIRS	3'-0" x 7'-0" x 1 3/4"	6	SC	A	HM	16	1		
D284	SCIENCE, 7TH & 8TH GRADE	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D285	MATH, 7TH & 8TH GRADE	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D286	ELA, 7TH & 8TH GRADE	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D287	SOCIAL STUDIES, 7TH & 8TH GRADE	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D288	SIXTH GRADE	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D289	COMPUTER LAB	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D290	READING INTERVENTION	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
D291	ADMIN OFFICE	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	13	2		
D292	TOILET	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	18	2		
D293	GIRLS RESTROOM	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	06	2		
D294	BOYS RESTROOM	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	06	2		
D295	JANITOR CLOSET	3'-0" x 7'-0" x 1 3/4"	1	HM	A	HM	04	2		
D296	STORAGE	3'-0" x 7'-0" x 1 3/4"	1	HM	A	HM	33	2		
D296A	ELECTRICAL ROOM	3'-0" x 7'-0" x 1 3/4"	1	HM	A	HM	32	2		



DOOR FRAME TYPES
NOT TO SCALE



DOOR PANEL TYPES
NOT TO SCALE

DOOR SCHEDULE

DOOR HARDWARE TO PROVIDED TO OWNER COMPLYING WITH APPLICABLE CODES AND PER GENERAL DOOR SPECIFICATION.

NO.	ROOM NAME	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HARDWARE SET	NOTE LEGEND	FIRE RATING	REMARKS
GROUND LEVEL										
A100A	VESTIBULE	(2) 3'-0" x 7'-0" x 1 3/4"	5	FRP	E	AA	09			
A100B	VESTIBULE	(2) 3'-0" x 7'-0" x 1 3/4"	5	FRP	E	AA	10			
A100C	VESTIBULE	(2) 3'-0" x 7'-0" x 1 3/4"	5	FRP	E	AA	11			
A100D	VESTIBULE	(2) 3'-0" x 7'-0" x 1 3/4"	5	FRP	E	AA	11			
A101A	VESTIBULE	(2) 3'-0" x 7'-0" x 1 3/4"	5	FRP	E	AA	10			
A101B	VESTIBULE	(2) 3'-0" x 7'-0" x 1 3/4"	5	FRP	E	AA	09			
A101C	VESTIBULE	(2) 3'-0" x 7'-0" x 1 3/4"	5	FRP	E	AA	11			
A101D	VESTIBULE	(2) 3'-0" x 7'-0" x 1 3/4"	5	FRP	E	AA	11			
A104	CORRIDOR	3'-0" x 7'-0" x 1 3/4"	1	FRP	B	AA	21			
A110A	MULTIPURPOSE ROOM	4'-0" x 7'-0" x 1 3/4"	3	FRP	C	AA	21			
A110B	MULTIPURPOSE ROOM	4'-0" x 7'-0" x 1 3/4"	3	FRP	C	AA	26			
A110C	MULTIPURPOSE ROOM	(2) 3'-0" x 7'-0" x 1 3/4"	4	SC	F	HM	25	2		
A110D	MULTIPURPOSE ROOM	(2) 3'-0" x 7'-0" x 1 3/4"	4	SC	F	HM	25	2		
A111	BOYS LOCKER ROOM	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	31	2		
A112	GIRLS LOCKER ROOM	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	31	2		
A113	OFFICE (BOYS LOCKER ROOM)	3'-0" x 7'-0" x 1 3/4"	1	SC	G	HM	13			
A114	OFFICE (GIRLS LOCKER ROOM)	3'-0" x 7'-0" x 1 3/4"	1	SC	G	HM	13			
A115	MECHANICAL ROOM	3'-0" x 7'-0" x 1 3/4"	1	HM	A	HM	04	2		
A116A	FIRE RISER ROOM	3'-0" x 7'-0" x 1 3/4"	1	HM	A	HM	24			
A116B	FIRE RISER ROOM	3'-0" x 7'-0" x 1 3/4"	1	HM	A	HM	24			
A120A	SERVING	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	28	2		
A120B	SERVING	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	28	2		
A120C	SERVING	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	28	2		
A120D	SERVING	3'-0" x 7'-0" x 1 3/4"	1	SC	B	HM	12			
A120E	SERVING	3'-0" x 7'-0" x 1 3/4"	4	SC	B	HM				
A121A	KITCHEN	4'-0" x 7'-0" x 1 3/4"	1	FRP	E	AA	29			
A121B	KITCHEN STORAGE	3'-0" x 7'-0" x 1 3/4"	1	FRP	E	HM				
A122	OFFICE (KITCHEN)	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	13			
A123	JANITOR CLOSET	3'-0" x 7'-0" x 1 3/4"	1	HM	A	HM	04			
B140AA	CORRIDOR	3'-0" x 7'-0" x 1 3/4"	1	FRP	B	AA	21			
B140AB	CORRIDOR	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	14	2		
B141	KINDERGARTEN #1	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
B141A	TOILET (KINDERGARTEN #1)	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	15			
B142	PRESCHOOL / DAYCARE #2	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
B142A	TOILET (PRESCHOOL / DAYCARE #2)	3'-0" x 7'-10" x 1 3/4"	1	SC	A	HM	15			
B143	PRESCHOOL / DAYCARE #1	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
B143A	TOILET (PRESCHOOL / DAYCARE #1)	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	15			
B144	NURSE	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	03	2		
B144A	TOILET (NURSE)	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	15			
B145	TOILET	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	18	2		
B146	STORAGE (MULTIPURPOSE ROOM)	(2) 3'-0" x 7'-0" x 1 3/4"	1	SC	F	HM	27	2		
B147A	ELECTRICAL	3'-0" x 7'-0" x 1 3/4"	1	HM	A	HM	23			
B147B	ELECTRICAL	3'-0" x 7'-0" x 1 3/4"	1	HM	D	HM	22	2		
B148	STORAGE	(2) 2'-6" x 7'-0" x 1 3/4"	1	FRP	E	AA	29	3		
C160A	CORRIDOR	3'-0" x 7'-0" x 1 3/4"	5	FRP	B	AA	01			
C160B	CORRIDOR	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	14	2		
C161	KINDERGARTEN #2	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
C161A	TOILET (KINDERGARTEN #2)	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	15			
C162	FIRST GRADE #1	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
C162A	TOILET (FIRST GRADE #1)	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	15			
C163	FIRST GRADE #2	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
C163A	TOILET (FIRST GRADE #2)	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	15			
C164	SECOND GRADE #1	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
C164A	TOILET (SECOND GRADE #1)	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	15			
C165	SECOND GRADE #2	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		
C165A	TOILET (SECOND GRADE #2)	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	15			
C166A	WAITING	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	03	2		
C166B	WAITING	3'-0" x 7'-0" x 1 3/4"	1	SC	A	HM	03	2		
C166C	WAITING	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	12			
C168	STORAGE	(2) 2'-6" x 7'-0" x 1 3/4"	2	SC	D	RF	02	2		
C169	OFFICE	3'-0" x 7'-0" x 1 3/4"	1	SC	A	RF	13			
C170	TOILET	3'-0" x 7'-0" x 1 3/4"	1	SC	A	RF	08			
C171	ELECTRIC ROOM	3'-0" x 7'-0" x 1 3/4"	1	SC	A	RF	04			
C172	SERVER	3'-0" x 7'-0" x 1 3/4"	1	SC	A	RF	05			
C174	OFFICE	3'-0" x 7'-0" x 1 3/4"	1	SC	A	RF	13			
C175	OFFICE	3'-0" x 7'-0" x 1 3/4"	1	SC	A	RF	13			
C177	CORRIDOR	3'-0" x 7'-0" x 1 3/4"	4	SC	A	HM	03	2		

GC/CM TO VERIFY SELECTION OF ALL MATERIALS, COLORS, FINISHES AND PATTERN WITH OWNER.

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN
RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

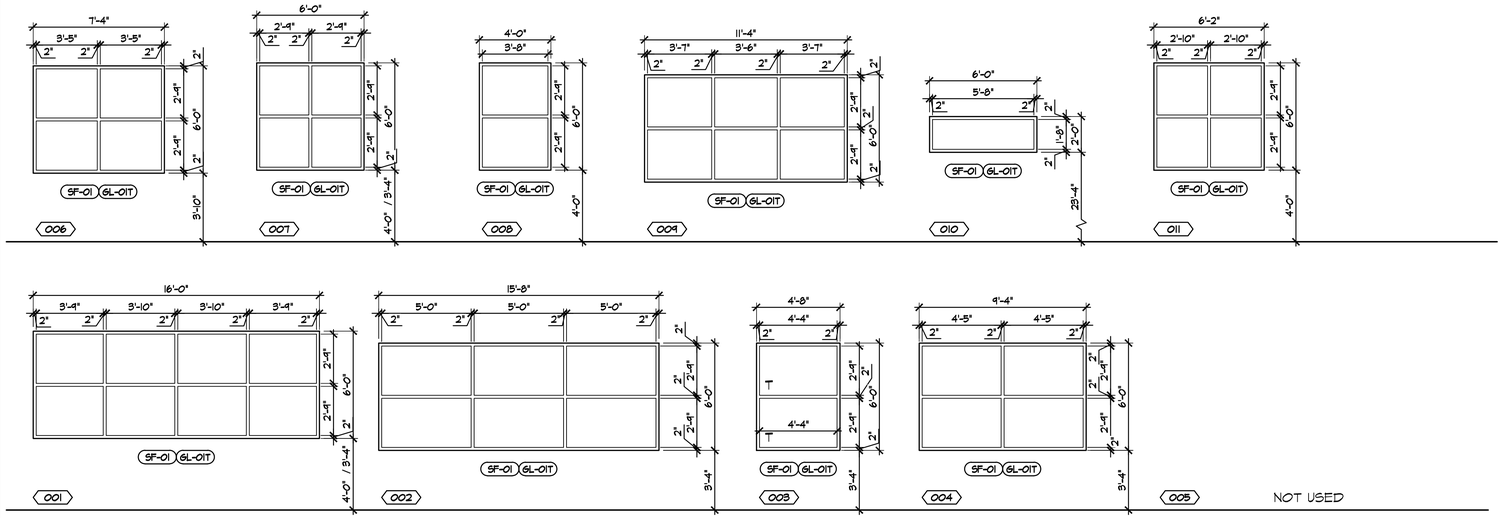
SCALE :

FILE NAME : 22010_A052

JOB #: 22010

SHEET TITLE
GENERAL INFORMATION AND SCHDULES

SHEET #
A.052



GLAZING PRODUCTS AND NOTE LEGEND:

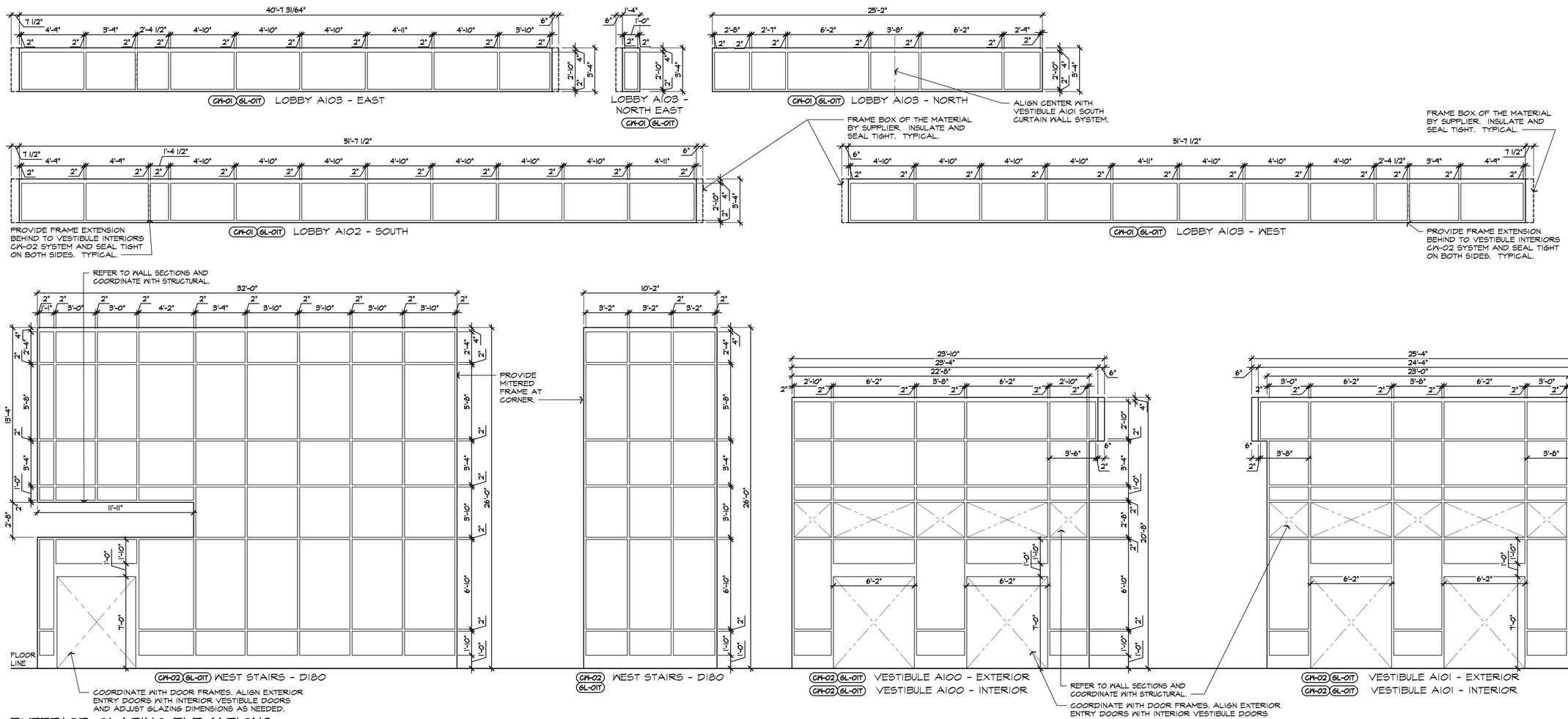
1. ANODIZED ALUMINUM WITH THERMALLY SEPARATED FRAMED GLAZING SYSTEM BASIS OF DESIGN:
   A. SF-01: KAWNEER STORE FRONT TRIFAB VERSASLAZE 451T FRAMING SYSTEM WITH WITH 2" SIGHT LINE AND 4 1/2" DEEP SYSTEM AND FRONT-OUTSIDE OUTSIDE GLAZED.
   A. CW-01: KAWNEER CURTAIN WALL 1620T WITH 2" SIGHT LINE AND 6" DEEP SYSTEM
   B. CW-02: KAWNEER CURTAIN WALL 1620T WITH 2" SIGHT LINE AND 7 1/2" DEEP SYSTEM WITH MITERED CORNER FRAMES.
2. ACCEPTABLE MATCHING SYSTEMS FROM THE FOLLOWING MANUFACTURERS:
   A. WAUSAU WINDOW AND WALL SYSTEMS
   B. EFCO CORPORATION
   C. OLDCASTLE BUILDING ENVELOPE
3. PROVIDE ADDITIONAL MISCELLANEOUS MATERIAL FROM THE SAME MANUFACTURE SUCH AS:
   A. 90 DEGREE INSIDE AND OUTSIDE CORNER FRAME WHERE INDICATED. INSULATE AND SEALED TIGHT.
   B. 45 DEGREE FRAME POSITION AT A 90 DEGREE OUTSIDE CORNER WHERE INDICATED. INSULATED AND SEALED.
   C. REFER TO DETAILS FORM AREAS WITH A 4" FRAME SIGHT LINE AT PARAPETS.
   D. 10" HIGH SILL WITH FLASHING AT BASE OF CURTAIN WALL SYSTEM FOR A TOTAL OF 12" HIGH SIGHT LINE.
   E. AS NEEDED INTEGRATED STOOL TRIM, BASE OR TOP OF FRAME SYSTEM FLASHING.
4. GLASS TYPES:
   A. GL-01: DOUBLE PANE INSULATED GLASS. LOW-E WITH LOW TENT. SUBMIT SAMPLES
   B. GL-01T: DOUBLE PANE INSULATED TEMPERED GLASS. LOW-E WITH LOW TENT. SUBMIT SAMPLES
   C. GL-02: MONOLITHIC 1/2" TEMPERED GLASS. CLEAR.
5. GLASS BASIS OF DESIGN:
   A. "PPG: SOLARSBAN 60 BRONZE" LOW-E INSULATING GLASS".
   B. "VIRACON: SOLARSCREEN LOW-E INSULATING GLASS" (VE_1-55)
   C. OR OR EQUAL APPROVED PRODUCT BY OWNER.

GLAZING NOTES:

1. CONTRACTOR SHALL SUBMIT A "SILVER" COLORED ANODIZED ALUMINUM FRAME SAMPLES ALONG WITH MANUFACTURER PRODUCT SPECIFICATIONS FOR APPROVAL.
2. ALL GLASS SHALL BE TEMPERED 1" INSULATED GLASS PER CODE AND WHERE NOTED.
3. ALL GLASS SHALL BE SAFETY GLASS AS REQUIRED PER SECTION 2406. AND SHALL PASS THE TEST REQUIREMENTS OF CPSC 16 CFR, PART 1201.
4. SUBSTITUTIONS:
   A. SUBMIT COMPLETE ORIGINAL PDF FILES OF THE PRODUCT DATA / SPECIFICATION SHEETS OF THE THE BASIS OF DESIGN PRODUCT AND THE THE SUBSTITUTE PRODUCT FOR REVIEW.
   B. SUBMIT SAMPLES FOR THE BASIS OF DESIGN PRODUCT AND THE THE SUBSTITUTED PRODUCT FOR REVIEW.
4. ALL GLASS WITHIN 12" OF DOOR AND LOCATED 18" ABOVE FINISH FLOOR MUST BE SAFETY TEMPERED PROTECTIVE GLASS. ALL SIDE LITES GLASS SHALL BE SAFETY TEMPERED PROTECTIVE GLASS.
5. ALL EXTERIOR FRAMES, CLOSURES AND MISCELLANEOUS BOXES AND WHERE NOTED TO HAVE A THERMALLY SEPARATED SYSTEM.
6. ALL GLAZING FRAME CAPS, COVERS AND FRAMES SHALL BE OF THE SAME ALUMINUM AS THE SELECTED SYSTEM. CAPS / COVERS SHALL BE OF ONE PIECE EXTRUDED ALUMINUM AS DEPICTED ON THESE DOCUMENTS.
7. ALL GLAZING SYSTEMS FRAMES TO HAVE OUTSIDE - FRONT SET GLAZING. REFER FLOOR PLANS AND DETAILS FOR EACH LOCATION.

PROVIDED DIMENSIONS ARE NOMINAL FRAMED SYSTEMS AND WALL OPENINGS. GC/CM & SUPPLIER TO FIELD VERIFY ALL SITE CONDITIONS AND PROVIDE ACTUAL DIMENSIONED SHOP DRAWINGS.

REFER TO AND COORDINATE WITH ELEVATIONS ALL SILL HEIGHTS FROM FINISH FLOOR



EXTERIOR GLAZING ELEVATIONS

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

ISSUED FOR	DATE
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DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A053

JOB #: 22010

SHEET TITLE
GENERAL INFORMATION AND SCHDULES

SHEET #
A.053

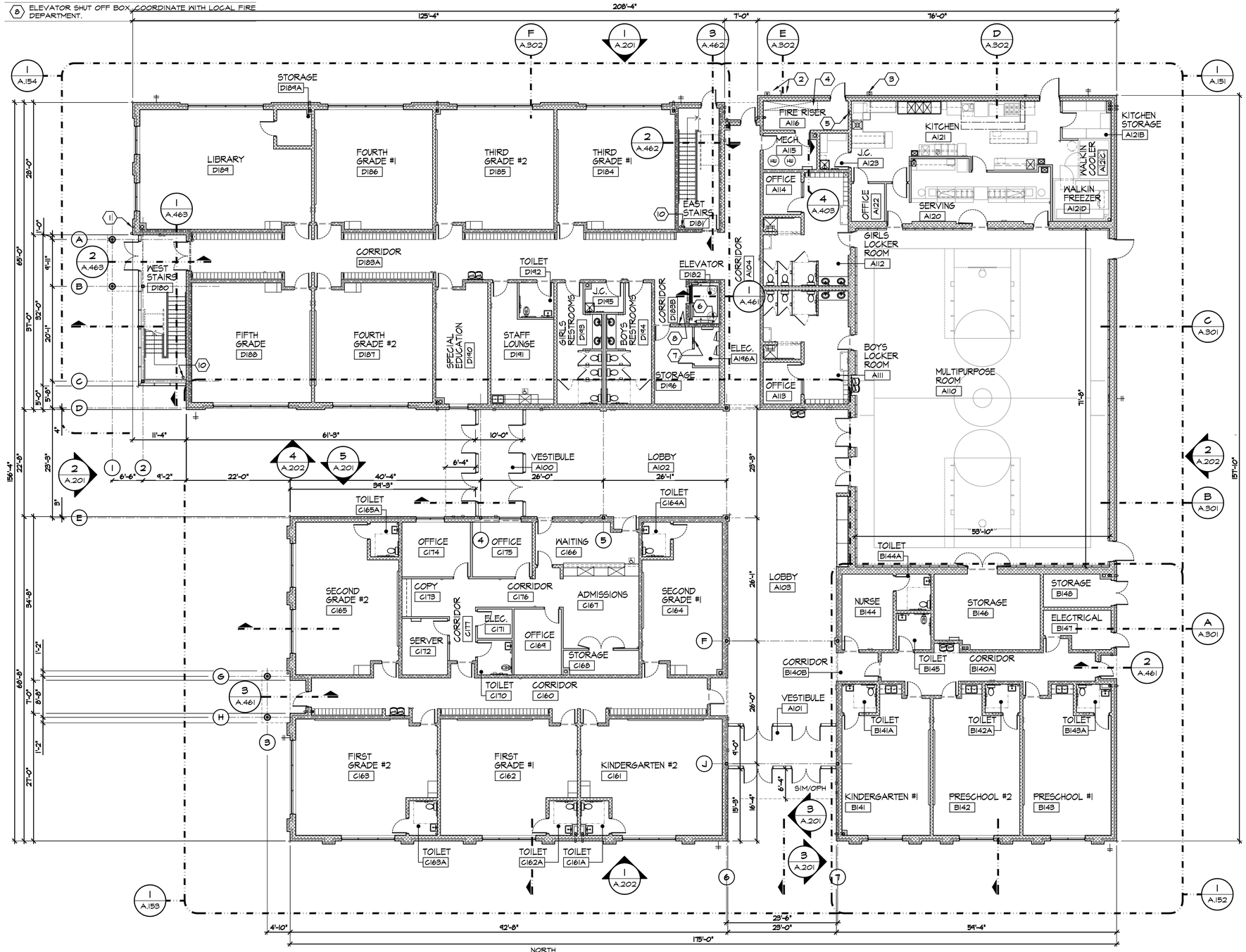
STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

FLOOR PLANS NOTE LEGEND:

1. RECESSED KNOX BOX. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
2. FIRE DEPARTMENT CONNECTION (F.D.C.) AND WATER METERS ASSEMBLY. REFER TO MECHANICAL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
3. GAS METER. COORDINATE WITH UTILITY AUTHORITY, CIVIL AND MECHANICAL.
4. FIRE PROTECTION ASSEMBLY. REFER TO MECHANICAL.
5. ALARM PANEL & SPRINKLER SYSTEM STATUS PANEL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
6. ELEVATOR & DRAIN TILE SUMP PUMPS AND PITS. COORDINATE & VERIFY LOCATION WITH ELEVATOR MANUFACTURER, FOOTINGS AND ELECTRICAL / MECHANICAL. 24" DIAMETER x 36" DEEP WITH GALVANIZED STEEL GRATING COVER TYPICAL.
7. ELEVATOR SUMP PUMP CONTROL PANEL. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER.
8. ELEVATOR SHUT OFF BOX. COORDINATE WITH LOCAL FIRE DEPARTMENT.

WALL LEGEND NOTES:

1. REFER TO LIFE SAFETY SHEET FOR ADDITIONAL INFORMATION.
2. REFER TO BUILDING ELEVATIONS AND SECTIONS FOR COURSING AND OTHER MATERIALS.
3. REFER TO AND COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING AND FOOD SERVICE DRAWINGS.
4. PROVIDE MASONRY WALLS JOINT REINFORCEMENTS:
   - 4.1. LADDER TYPE 9 GA HORIZONTAL JOINT REINFORCEMENT WITH CROSS WIRES @ 16" O.C. SPACED VERTICALLY FOR ALL CMU WALLS.
   - 4.2. LADDER TYPE 9 GA HORIZONTAL JOINT REINFORCEMENT WITH CROSS WIRES @ 16" O.C. WITH ADJUSTABLE VENEER TIES AT 16" O.C. STAGGERED FOR ALL CMU WITH BRICK VENEER WALLS.
5. PROVIDE PARTIALLY OPEN HEAD JOINT WEEP HOLES @ 24" O.C. AND:
   - 5.1. ONE PIECE FLEXIBLE THRU-WALL MEMBRANE FLASHING (MINIMUM OF 2 CMU COURSES HIGH WITH END DAMS) WITH EXPOSED DRIP EDGE FOR HEIGHTS BELOW 8'-0".
   - 5.2. ONE PIECE (+/- 3") METAL FLASHING WITH HEMMED DRIP EDGE BELOW THRU-WALL FLASHING AT AREAS THAT ARE 8'-0" AND HIGHER ONLY.
   - 5.3. A MINIMUM OF TWO HOLES OVER WINDOWS AND DOORS.
   - 5.3. CAVITY DRAINAGE MATERIAL OVER THRU-WALL FLASHING.
   - 5.4. GROUT AIR SPACE SOLID UNDER FLASHING. PROVIDE WASHED PEA STONE FOR PROPER DRAINAGE.
6. EXTEND ALL WALLS TO UNDER SIDE OF FLOOR / ROOF METAL DECK FOR SMOKE TIGHT CONSTRUCTION. CLOSE ALL OPENINGS WITH GROUT MATERIAL TO MEET CODE REQUIREMENTS FOR A SMOKE TIGHT CONSTRUCTION OR FIRE RATE CONSTRUCTION AS INDICATED. SEE PLANS FOR LOCATIONS OF SMOKE / FIRE WALLS.
7. GROUT ALL CMU WALLS SOLID AT RE-BARS AND FIRST TWO COURSES OVER EXISTING MASONRY OR FOUNDATIONS. DOWEL INTO EXISTING MASONRY.
8. PROVIDE A MASONRY CONTROL / EXPANSION JOINTS FOR ALL WALLS OVER 20'-0" IN RUN OR MORE. MAXIMUM SPACING OF 20'-0"
9. PROVIDE CONTINUOUS 8"/12" BOND BEAM (B.B.) W/ (2) #5 BARS. VERTICAL WALL BARS TO CONTINUE THRU B.B. & HOOK TO B.B. STEEL FOR UPLIFT CONTINUITY. GROUT ONE COURSE ABOVE AND ONE BELOW B.B. PROVIDE METAL LATH OR WIRE SCREEN UNDER B.B. TO CONFINE GROUT. LAPPED B.B. MINIMUM OF 48" TO ACCOMMODATE ELEVATION CHANGES FOR THE CORRIDOR WALLS.
10. GYPSUM BOARD:
    - 10.1. PROVIDE MOLD-RESISTANT GYPSUM BOARD AS INDICATED ON FLOORS PLANS. AND ALL WET LOCATIONS SUCH AS KITCHENS AND RESTROOM. PROVIDE CEMENT BOARD AT ALL SHOWER STALLS AND TILED WALLS.
    - 10.2. PROVIDE HIGH IMPACT GYPSUM BOARD WHERE INDICATED ON FLOOR PLAN.



GROUND LEVEL FLOOR PLAN
SCALE: 3/32" = 1'-0"

WALL LEGEND:

REFER TO SHEETS A.101 AND A.102 FOR ADDITIONAL WALL INFORMATION.

M1 / M1F / M1S
- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M1F = FIRE BARRIER WALL: UL DESIGN NO. U905 - ONE HOUR RATING
- M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION

M2 / M2S
- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 12" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION

M3 / M3F / M3S
- 8" WITH 10" OR 6" C.M.U. WALL WITH TOTAL THICKNESS AS INDICATED. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M3F: FIRE BARRIER WALL SAME AS M4 EXCEPT:
- UL DESIGN NO. U905 - ONE HOUR RATING

M3S = SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

M4 / M4F / M4S
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

FIRE BARRIER WALL:
- UL DESIGN NO. U905 - ONE HOUR RATING
- 8" C.M.U. WALL
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

M5
- 4" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 48" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M5
- SAME AS M5 4" C.M.U. AS PLUMBING CHASE WALL

G1 / G1A / G1B / G1C
5/8" GYPSUM BOARD ON BOTH SIDES OF 18 GA - 3-5/8" METAL STUDS @ 16" O.C WITH:
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK U.N.O.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION.
- BRACE TOP WALL TO NEAREST STEEL MEMBER AT 4'-0" O.C. MAXIMUM.
- SEAL ALL PENETRATIONS IN WALL.

WALL TYPE G1A:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT GYPSUM BOARD.
WALL TYPE G1B:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD.
WALL TYPE G1C:
- SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD ON ONE SIDE ONLY

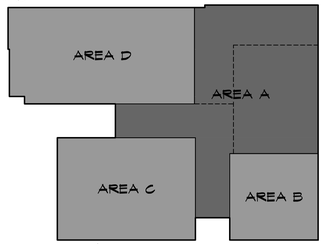
G2
SHAFT WALL: 5/8" HIGH IMPACT GYPSUM BOARD ON MINIMUM 18 GA. 4" DEEP METAL "C-H" SHAPED STUDS @ 16" O.C WITH 1" FIRE RATED GYPSUM LINER BOARD.
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION
- PROVIDE SAME SHAFT WALL AT BASE OF SHAFT FLOOR OPENING.

FLOOR PLAN SYMBOL LEGEND:

- 1 HOUR FIRE BARRIER WALL CONSTRUCTION
- SMOKE TIGHT WALL CONSTRUCTION
- FLOOR PLANS KEY NOTE

ELEVATOR BASIS OF DESIGN:

MACHINE ROOM-LESS ELECTRIC TRACTION ELEVATOR. DESIGN DOCUMENTS ARE BASED ON OTIS ELEVATOR GEN3 EDGE - 3,000 LB AT 150 FPM. COORDINATE ALL CAB FINISHES WITH OWNER. IF ALTERNATE MANUFACTURE IS SELECTED, GC / CM IS RESPONSIBLE TO COORDINATE WITH ALL RELATED TRADES INCLUDING ALL SUBMITTALS AND ANY AUTHORITY REVIEW / APPROVAL.



KEY PLAN
NO SCALE

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN
RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A101

JOB #: 22010

SHEET TITLE
GROUND LEVEL FLOOR PLAN

SHEET #
A.101

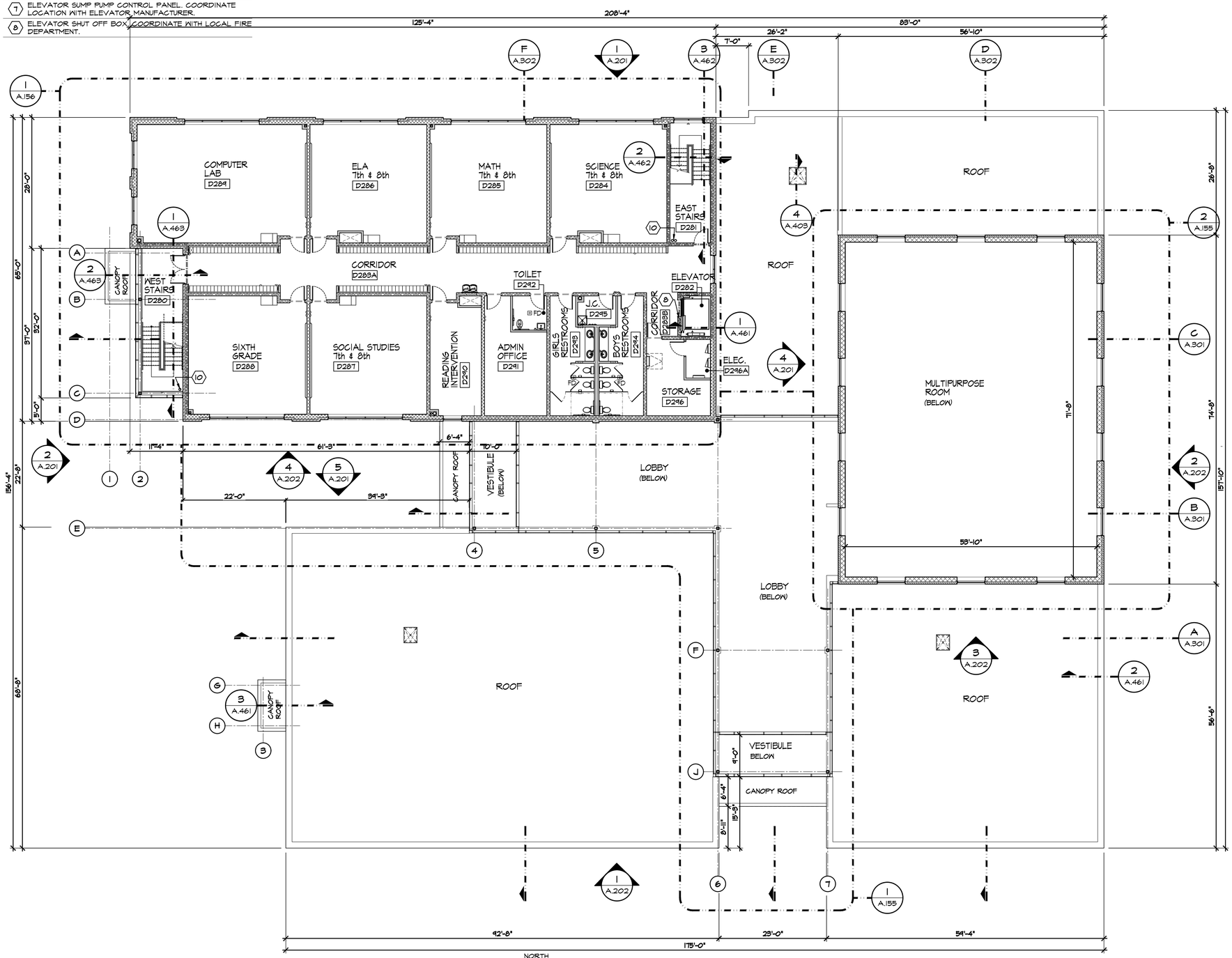
STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301039452
LICENSED ARCHITECT

FLOOR PLANS NOTE LEGEND:

1. RECESSED KNOX BOX. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
2. FIRE DEPARTMENT CONNECTION (F.D.C.) AND WATER METERS ASSEMBLY. REFER TO MECHANICAL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
3. GAS METER. COORDINATE WITH UTILITY AUTHORITY, CIVIL AND MECHANICAL.
4. FIRE PROTECTION ASSEMBLY, REFER TO MECHANICAL.
5. ALARM PANEL & SPRINKLER SYSTEM STATUS PANEL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
6. ELEVATOR & DRAIN TILE SUMP PUMPS AND PITS. COORDINATE & VERIFY LOCATION WITH ELEVATOR MANUFACTURER, FOOTINGS AND ELECTRICAL / MECHANICAL. 24" DIAMETER x 36" DEEP WITH GALVANIZED STEEL GRATING COVER TYPICAL.
7. ELEVATOR SUMP PUMP CONTROL PANEL. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER.
8. ELEVATOR SHUT OFF BOX. COORDINATE WITH LOCAL FIRE DEPARTMENT.

WALL LEGEND NOTES:

1. REFER TO LIFE SAFETY SHEET FOR ADDITIONAL INFORMATION.
2. REFER TO BUILDING ELEVATIONS AND SECTIONS FOR COURSING AND OTHER MATERIALS.
3. REFER TO AND COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING AND FOOD SERVICE DRAWINGS.
4. PROVIDE MASONRY WALLS JOINT REINFORCEMENTS:
   - 4.1. LADDER TYPE 9 GA HORIZONTAL JOINT REINFORCEMENT WITH CROSS WIRES @ 16" O.C. SPACED VERTICALLY FOR ALL CMU WALLS.
   - 4.2. LADDER TYPE 9 GA HORIZONTAL JOINT REINFORCEMENT WITH CROSS WIRES @ 16" O.C. WITH ADJUSTABLE VENEER TIES AT 16" O.C. STAGGERED FOR ALL CMU WITH BRICK VENEER WALLS.
5. PROVIDE PARTIALLY OPEN HEAD JOINT WEEP HOLES @ 24" O.C. AND:
   - 5.1. ONE PIECE FLEXIBLE THRU-WALL MEMBRANE FLASHING (MINIMUM OF 2 CMU COURSES HIGH WITH END DAMS) WITH EXPOSED DRIP EDGE FOR HEIGHTS BELOW 8'-0".
   - 5.2. ONE PIECE (+/- 3") METAL FLASHING WITH HEMMED DRIP EDGE BELOW THRU-WALL FLASHING AT AREAS THAT ARE 8'-0" AND HIGHER ONLY.
   - 5.3. A MINIMUM OF TWO HOLES OVER WINDOWS AND DOORS.
   - 5.3. CAVITY DRAINAGE MATERIAL OVER THRU-WALL FLASHING.
   - 5.4. GROUT AIR SPACE SOLID UNDER FLASHING. PROVIDE WASHED PEA STONE FOR PROPER DRAINAGE.
6. EXTEND ALL WALLS TO UNDER SIDE OF FLOOR / ROOF METAL DECK FOR SMOKE TIGHT CONSTRUCTION. CLOSE ALL OPENINGS WITH GROUT MATERIAL TO MEET CODE REQUIREMENTS FOR A SMOKE TIGHT CONSTRUCTION OR FIRE RATE CONSTRUCTION AS INDICATED. SEE PLANS FOR LOCATIONS OF SMOKE / FIRE WALLS.
7. GROUT ALL CMU WALLS SOLID AT RE-BARS AND FIRST TWO COURSES OVER EXISTING MASONRY OR FOUNDATIONS. DOWEL INTO EXISTING MASONRY.
8. PROVIDE A MASONRY CONTROL / EXPANSION JOINTS FOR ALL WALLS OVER 20'-0" IN RUN OR MORE. MAXIMUM SPACING OF 20'-0"
9. PROVIDE CONTINUOUS 8"/12" BOND BEAM (B.B.) W/ (2) #5 BARS. VERTICAL WALL BARS TO CONTINUE THRU B.B. & HOOK TO B.B. STEEL FOR UPLIFT CONTINUITY. GROUT ONE COURSE ABOVE AND ONE BELOW B.B. PROVIDE METAL LATH OR WIRE SCREEN UNDER B.B. TO CONFINE GROUT. LAPPED B.B. MINIMUM OF 48" TO ACCOMMODATE ELEVATION CHANGES FOR THE CORRIDOR WALLS.
10. GYPSUM BOARD:
    - 10.1. PROVIDE MOLD-RESISTANT GYPSUM BOARD AS INDICATED ON FLOORS PLANS. AND ALL WET LOCATIONS SUCH AS KITCHENS AND RESTROOM. PROVIDE CEMENT BOARD AT ALL SHOWER STALLS AND TILED WALLS.
    - 10.2. PROVIDE HIGH IMPACT GYPSUM BOARD WHERE INDICATED ON FLOOR PLAN.



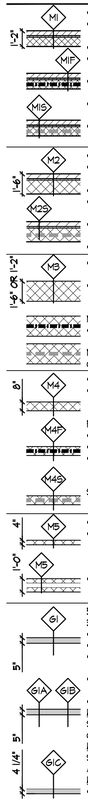
NORTH

SECOND LEVEL FLOOR PLAN

SCALE: 3/32" = 1'-0"

WALL LEGEND:

REFER TO SHEETS A.101 AND A.102 FOR ADDITIONAL WALL INFORMATION.



- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M1F = FIRE BARRIER WALL: UL DESIGN NO. U905 - ONE HOUR RATING
- M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION

- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 12" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION

- 8" WITH 10" OR 6" C.M.U. WALL WITH TOTAL THICKNESS AS INDICATED. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M3F: FIRE BARRIER WALL SAME AS M4 EXCEPT:
- UL DESIGN NO. U905 - ONE HOUR RATING

M3S = SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

FIRE BARRIER WALL:
- UL DESIGN NO. U905 - ONE HOUR RATING
- 8" C.M.U. WALL
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

- 4" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 48" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- SAME AS M5 4" C.M.U. AS PLUMBING CHASE WALL

5/8" GYPSUM BOARD ON BOTH SIDES OF 18 GA - 3-5/8" METAL STUDS @ 16" O.C WITH:
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK U.N.O.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION.
- BRACE TOP WALL TO NEAREST STEEL MEMBER AT 4'-0" O.C. MAXIMUM.
- SEAL ALL PENETRATIONS IN WALL.

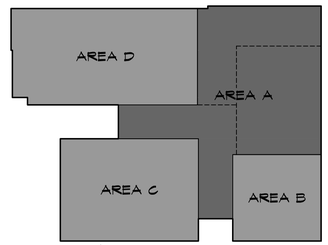
WALL TYPE G1A:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT GYPSUM BOARD.
WALL TYPE G1B:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD.
WALL TYPE G1C:
- SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD ON ONE SIDE ONLY

SHAFT WALL: 5/8" HIGH IMPACT GYPSUM BOARD ON MINIMUM 18 GA. 4" DEEP METAL "C-H" SHAPED STUDS @ 16" O.C WITH 1" FIRE RATED GYPSUM LINER BOARD.
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION
- PROVIDE SAME SHAFT WALL AT BASE OF SHAFT FLOOR OPENING.

FLOOR PLAN SYMBOL LEGEND:

1 HOUR FIRE BARRIER WALL CONSTRUCTION

SMOKE TIGHT WALL CONSTRUCTION



NORTH

KEY PLAN

NO SCALE

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301039452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

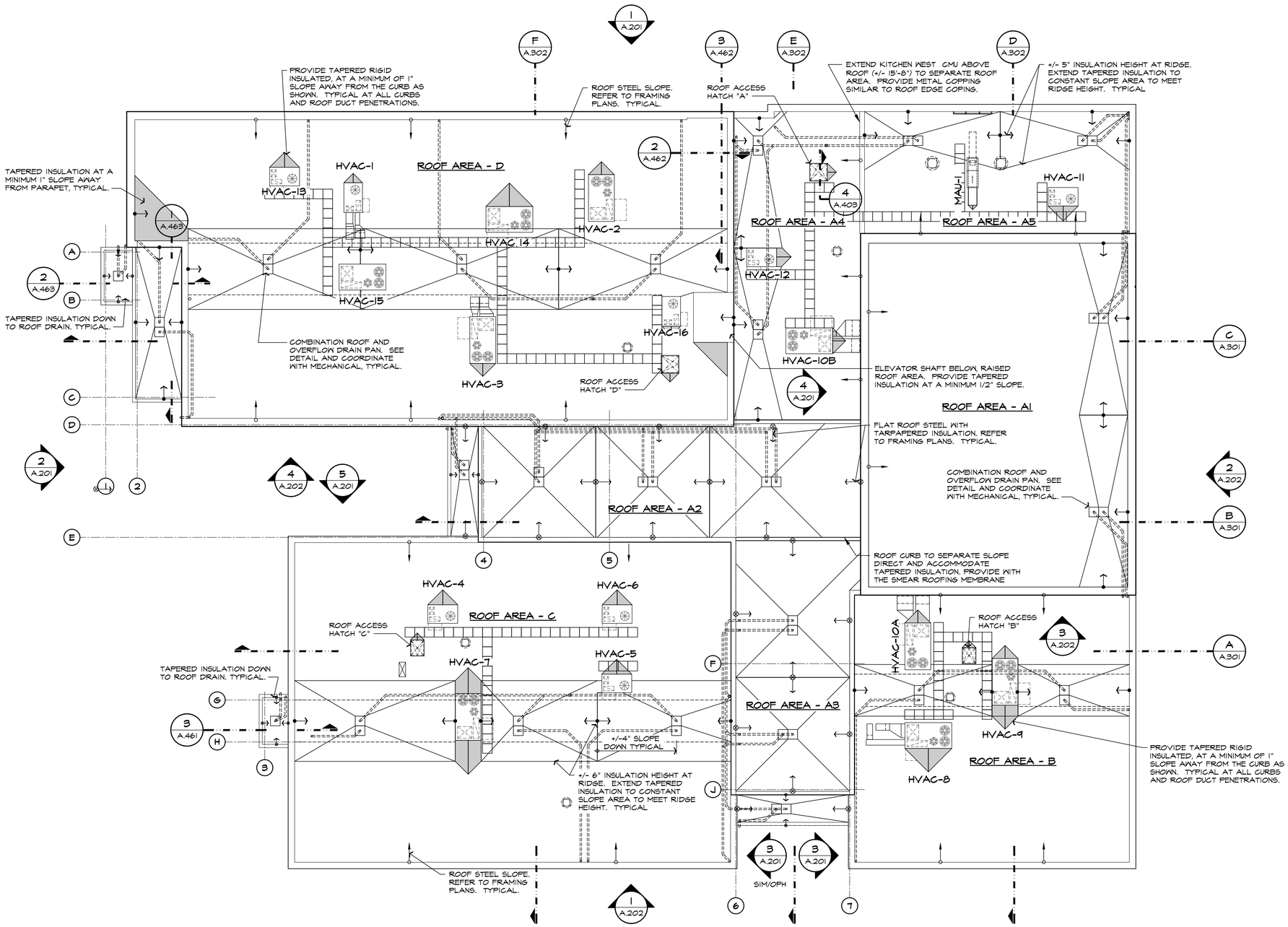
SCALE :

FILE NAME : 22010_A102

JOB #: 22010

SHEET TITLE
SECOND LEVEL FLOOR PLAN

SHEET #
A.102



ROOF PLAN

SCALE: 3/32"= 1'-0"

ROOF PLAN GENERAL NOTES:

1. SEE MECHANICAL DRAWINGS FOR ALL ROOF EQUIPMENT
2. MAINTAIN MINIMUM OF 10 FEET BETWEEN EQUIPMENT INTAKES AND EXHAUST.
3. VERIFY ALL ROOF EQUIPMENT SIZES WITH MANUFACTURER FOR CURB SIZES AND LOCATIONS.
4. COORDINATE ROOF CONDUCTORS WITH PLUMBING, STEEL AND CONCRETE FOUNDATION CONTRACTORS.
5. REFER TO AND COORDINATE WITH MANUFACTURERS SPECIFICATIONS AND DETAILS FOR ADDITIONAL SPECIFIC INFORMATION TO ACHIEVED DESIRED WARRANTY.
6. EXTEND ROOFING MEMBRANE UP AND OVER PARAPET WALL TO UNDERSIDE OF COPING, TYPICAL. REFER TO SECTIONS.
7. REFER TO AND COORDINATE WITH MECHANICAL, ELECTRICAL AND FOOD SERVICE ALL ROOF EQUIPMENT.
8. MAINTAIN A MINIMUM OF 10 FEET OR THE REQUIRED SPACING BETWEEN EQUIPMENT PER MANUFACTURER AND CODE REQUIREMENTS.

ROOF SYSTEMS:

GENERAL ROOF:

1. 60 MIL FULLY ADHERED PVC ROOF MEMBRANE - WHITE COLOR
2. INSULATION PROTECTION BOARD.
3. +/- 5" MINIMUM R-30 POLYISO RIGID BOARD INSULATION. A BASE THICKNESS OF 2" AT THE LOWEST POINT (ROOF DRAIN) WITH A ADDITIONAL TAPERED INSULATION AT A MINIMUM 1/4" PER FOOT SLOPE AS DEPICTED.
4. METAL ROOF DECKING ON STEEL JOISTS - REFER TO STRUCTURAL.
5. EXTEND MEMBRANE UP PARAPET WALL TO UNDERSIDE PARAPET COPING, ROOF EDGE OR GRAVEL STOP CLIP, TYPICAL.
6. REFER TO AND COORDINATE WITH TO STRUCTURAL, MECHANICAL, ELECTRICAL AND FOOD SERVICE.

CANOPY ROOFS :

1. 60 MIL FULLY ADHERED PVC ROOF MEMBRANE - SILVER COLOR
2. INSULATION PROTECTION BOARD.
3. +/- 5" MINIMUM R-30 POLYISO RIGID BOARD INSULATION. A BASE THICKNESS OF 2" AT THE LOWEST POINT (ROOF DRAIN) WITH A ADDITIONAL TAPERED INSULATION AT A MINIMUM 1/4" PER FOOT SLOPE AS DEPICTED.
4. METAL ROOF DECKING ON STEEL JOISTS - REFER TO STRUCTURAL.

ROOF INSULATION NOTE:

1. PROVIDE TWO-WAY OR FOUR-WAY TAPERED INSULATION AS DEPICTED.
2. A MINIMUM OF 5" R-30 POLYISO RIGID INSULATION.
3. A BASE THICKNESS OF 2" AT THE LOWEST POINT (ROOF DRAIN) WITH A ADDITIONAL TAPERED INSULATION AT A MINIMUM 1/4" PER FOOT SLOPE AS DEPICTED. PROVIDE ADEQUATE TAPERED INSULATION TO ACHIEVE A MINIMUM 1/4" SLOPE AS DEPICTED.

ROOFING BASIS OF DESIGN PRODUCT:

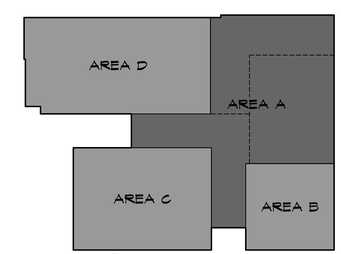
FIRESTONE PVC BY FIRESTONE BUILDING PRODUCTS OR COMPARABLE PRODUCT BY ONE OF THE FOLLOWING:

1. CARLISLE SYNTEC INCORPORATE
2. JOHNS MANVILLE
3. GAF MATERIALS CORPORATION

FURNISH MANUFACTURER'S 20 YEAR WARRANTY WITHOUT MONETARY LIMITATION (NO DOLLAR LIMIT).

ROOF NOTES LEGEND:

1. ROOF ACCESS HATCH AND LADDER: REFER TO WALL SECTIONS AND DETAILS AND COORDINATE WITH RELATED CONTRACTORS:
   - 1.1. ROOF ACCESS HATCH "A" = 3'-4"x3'-4"
   - 1.2. ROOF ACCESS HATCH "B" = 2'-6"x3'-0"
   - 1.3. ROOF ACCESS HATCH "C" = 2'-6"x3'-0"
   - 1.4. ROOF ACCESS HATCH "D" = 3'-4"x3'-4"



KEY PLAN
NO SCALE
NORTH

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DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A131

JOB #: 22010

SHEET TITLE
ROOF PLAN

SHEET #
A.131

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
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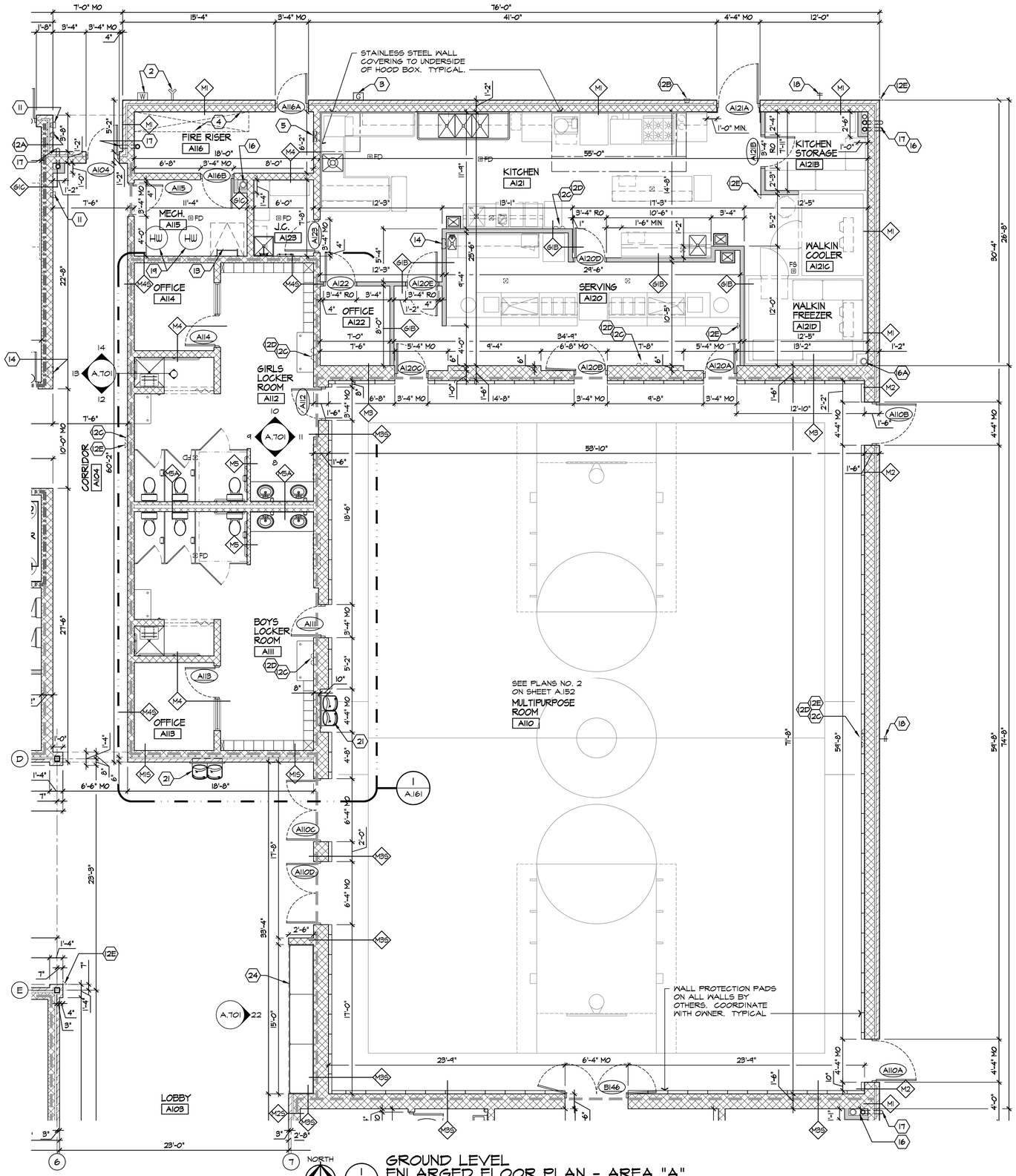


1 GROUND LEVEL ENLARGED FLOOR PLAN - AREA "A"
A.101
SCALE: 3/16"= 1'-0"

FLOOR PLAN SYMBOL LEGEND:

- 1 HOUR FIRE BARRIER WALL CONSTRUCTION
- SMOKE TIGHT WALL CONSTRUCTION
- (1) FLOOR PLANS KEY NOTE
- (S) WALL TYPE
- (D201) DOOR SCHEDULE NUMBER

"MO" DENOTES MASONRY OPENING WITH STEEL LINTEL / BEAM SUPPORTS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES.

FLOOR PLANS NOTE LEGEND:

1. RECESSED KNOX BOX. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
2. FIRE DEPARTMENT CONNECTION (F.D.C.) AND WATER METERS ASSEMBLY. REFER TO MECHANICAL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
3. GAS METER. COORDINATE WITH UTILITY AUTHORITY, CIVIL AND MECHANICAL.
4. FIRE PROTECTION ASSEMBLY, REFER TO MECHANICAL.
5. ALARM PANEL & SPRINKLER SYSTEM STATUS PANEL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
6. ELEVATOR & DRAIN TILE SUMP PUMPS AND PITS. COORDINATE & VERIFY LOCATION WITH ELEVATOR MANUFACTURER. FOOTINGS AND ELECTRICAL / MECHANICAL. 24" DIAMETER x 36" DEEP WITH GALVANIZED STEEL GRATING COVER TYPICAL.
7. ELEVATOR SUMP PUMP CONTROL PANEL. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER.
8. ELEVATOR SHUT OFF BOX. COORDINATE WITH LOCAL FIRE DEPARTMENT.
9. ELEVATOR CONTROLLER. COORDINATE WITH ELEVATOR SUPPLIER. SEE DETAIL.
10. FIRE PROTECTION STAND PIPES. COORDINATE WITH MECHANICAL AND FIRE PROTECTION.
11. BARRIER FREE POWER ASSIST DOOR ACTUATOR. COORDINATE WITH OWNER.
12. GENERAL PROXIMITY OF MISCELLANEOUS BY OTHERS. SUBMIT TO & COORDINATE WITH OWNER FOR APPROVAL:
    - 2A = SECURITY CARD ACCESS READER CAMERA, INTERCOM AND DOOR STRIKE.
    - 12B = SECURITY CARD READER AND DOOR STRIKE.
    - 12C = SPEAKER (CEILING OR WALL)
    - 12D = CLOCK(CEILING OR WALL AND 1 OR 2 SIDED)
    - 12E = CAMERA
    - 12F = SMART BOARD
13. ROOF ACCESS LADDER AND HATCH. REFER TO ROOF PLAN, WALL SECTIONS & COORDINATE WITH OTHERS.
14. FIRE EXTINGUISHER CABINET. FULLY RECESSED TRIM-LESS AND WITH FLUSH HANDLE.
15. FIRE EXTINGUISHER CABINET IN LOCKER.
16. ROOF DRAIN PIPE CHASE LOCATION. COORDINATE WITH MECHANICAL. "A" = EXPOSED
17. ROOF OVERFLOW DRAIN NOZZLE. SEE DETAIL AND COORDINATE WITH MECHANICAL.
18. HOSE BIB. REFER TO MECHANICAL
19. HOT WATER HEATER. COORDINATE WITH MECHANICAL AND ELECTRICAL.
20. SERVICE SINK WITH MOP RACK. REFER TO PLUMBING
21. SEMI RECESSED ELECTRIC WATER COOLER. COORDINATE ELECTRICAL, MECHANICAL AND MANUFACTURER SPECIFICATIONS.
22. UNIT HEATER - FLOOR (F) OR WALL MOUNTED (W) 4" MAXIMUM WALL RECESS. PROVIDE TRIM /CLOSURE AROUND UNIT BY MANUFACTURE. REFER TO MECHANICAL.
23. GENERAL LOCATION OF LOW VOLTAGE CONDUITS/SLEEVES BY OTHERS. COORDINATE WITH OWNER. LOCATE CONDUIT AT CEILINGS STRUCTURE DIRECTLY UNDER A BEAM.
24. MILLWORK DESIGN AND MISCELLANEOUS ITEMS BY OTHERS. REFER TO INTERIOR ELEVATIONS:
25. METAL LOCKERS (BY OTHERS). 9"W x 15"D WITH INTEGRATED SLOPED METAL TOP AND 4" HIGH TOE KICK CLEARANCE. COORDINATE WITH OWNER.
    - 25A = FIRE EXTINGUISHER CABINET LOCKER.

WALL LEGEND:

REFER TO SHEETS A.101 AND A.102 FOR ADDITIONAL WALL INFORMATION.

M1 / M1F / M1S
- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M1F = FIRE BARRIER WALL: UL DESIGN NO. U905 - ONE HOUR RATING
- M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION

M2 / M2S
- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 12" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION

M3
- 8" WITH 10" OR 6" C.M.U. WALL WITH TOTAL THICKNESS AS INDICATED. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M3F: FIRE BARRIER WALL SAME AS M4 EXCEPT:
- UL DESIGN NO. U905 - ONE HOUR RATING

M3S = SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

M4
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M4F / M4S

FIRE BARRIER WALL:
- UL DESIGN NO. U905 - ONE HOUR RATING
- 8" C.M.U. WALL
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

M5
- 4" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 48" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M5
- SAME AS M5 4" C.M.U. AS PLUMBING CHASE WALL

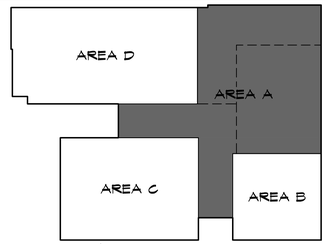
G1
5/8" GYPSUM BOARD ON BOTH SIDES OF 18 GA - 3-5/8" METAL STUDS @ 16" O.C WITH:
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK U.N.O.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION.
- BRACE TOP WALL TO NEAREST STEEL MEMBER AT 4'-0" O.C. MAXIMUM.
- SEAL ALL PENETRATIONS IN WALL.

G1A / G1B
WALL TYPE G1A:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT GYPSUM BOARD.
WALL TYPE G1B:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD.

G1C
WALL TYPE G1C:
- SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD ON ONE SIDE ONLY

G2
SHAFT WALL: 5/8" HIGH IMPACT GYPSUM BOARD ON MINIMUM 18 GA. 4" DEEP METAL "C-H" SHAPED STUDS @ 16" O.C WITH 1" FIRE RATED GYPSUM LINER BOARD.
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION
- PROVIDE SAME SHAFT WALL AT BASE OF SHAFT FLOOR OPENING.

EQUIPMENT PLAN, SELECTION AND DESIGN IS AS PROVIDED TO G.A.V. ASSOCIATES BY OWNER AND OWNER'S CONSULTANTS. GC / CM AND ALL SUB CONTRACTORS ARE RESPONSIBLE FOR VERIFYING AND COORDINATE ALL EQUIPMENT AND FINISHES WITH OWNER AND ASSOCIATED SUB CONTRACTORS PRIOR ANY CONSTRUCTION, ORDERING OR INSTALLING ANY EQUIPMENT OR PROVIDING UTILITIES TO SUCH EQUIPMENT. IF ANY DISCREPANCIES OCCUR, OWNER / GENERAL CONTRACTOR SHALL BE NOTIFIED.



KEY PLAN
NO SCALE
NORTH

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

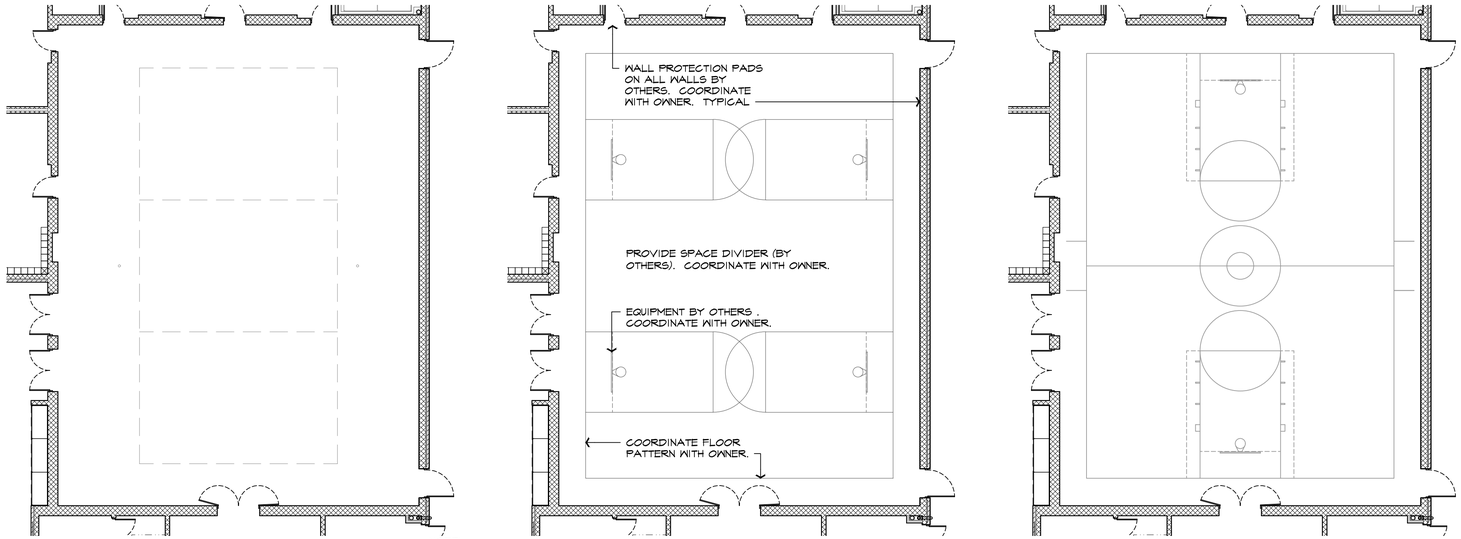
DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

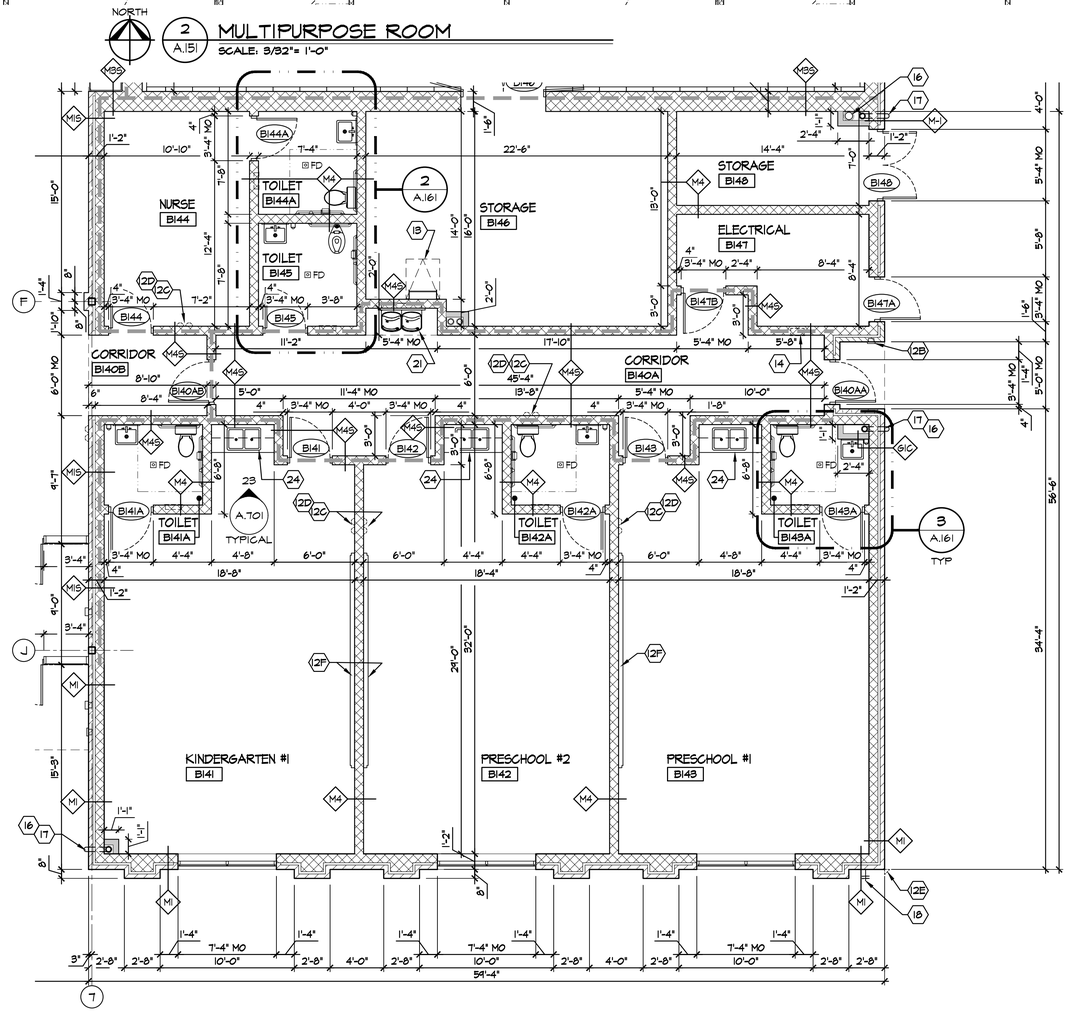
FILE NAME : 22010_A151

JOB #: 22010

SHEET TITLE
ENLARGED FLOOR PLANS
AREA "A"
SHEET #
A.151



2 A.151 MULTIPURPOSE ROOM
SCALE: 3/32"= 1'-0"



1 A.101 GROUND LEVEL
ENLARGED FLOOR PLAN - AREA "B"
SCALE: 3/16"= 1'-0"

FLOOR PLAN SYMBOL LEGEND:

- 1 HOUR FIRE BARRIER WALL CONSTRUCTION
- SMOKE TIGHT WALL CONSTRUCTION
- (1) FLOOR PLANS KEY NOTE
- (5) WALL TYPE
- (D201) DOOR SCHEDULE NUMBER

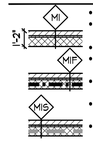
"MO" DENOTES MASONRY OPENING WITH STEEL LINTEL / BEAM SUPPORTS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES.

FLOOR PLANS NOTE LEGEND:

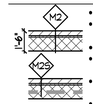
1. RECESSED KNOX BOX. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
2. FIRE DEPARTMENT CONNECTION (F.D.C.) AND WATER METERS ASSEMBLY. REFER TO MECHANICAL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
3. GAS METER. COORDINATE WITH UTILITY AUTHORITY, CIVIL AND MECHANICAL.
4. FIRE PROTECTION ASSEMBLY, REFER TO MECHANICAL.
5. ALARM PANEL & SPRINKLER SYSTEM STATUS PANEL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
6. ELEVATOR & DRAIN TILE SUMP PUMPS AND PITS. COORDINATE & VERIFY LOCATION WITH ELEVATOR MANUFACTURER, FOOTINGS AND ELECTRICAL / MECHANICAL. 24" DIAMETER x 36" DEEP WITH GALVANIZED STEEL GRATING COVER TYPICAL.
7. ELEVATOR SUMP PUMP CONTROL PANEL. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER.
8. ELEVATOR SHUT OFF BOX. COORDINATE WITH LOCAL FIRE DEPARTMENT.
9. ELEVATOR CONTROLLER. COORDINATE WITH ELEVATOR SUPPLIER. SEE DETAIL.
10. FIRE PROTECTION STAND PIPES. COORDINATE WITH MECHANICAL AND FIRE PROTECTION.
11. BARRIER FREE POWER ASSIST DOOR ACTUATOR. COORDINATE WITH OWNER.
12. GENERAL PROXIMITY OF MISCELLANEOUS BY OTHERS. SUBMIT TO & COORDINATE WITH OWNER FOR APPROVAL:
    - 2A = SECURITY CARD ACCESS READER CAMERA, INTERCOM AND DOOR STRIKE.
    - 12B = SECURITY CARD READER AND DOOR STRIKE.
    - 12C = SPEAKER (CEILING OR WALL)
    - 12D = CLOCK(CEILING OR WALL AND 1 OR 2 SIDED)
    - 12E = CAMERA
    - 12F = SMART BOARD
13. ROOF ACCESS LADDER AND HATCH. REFER TO ROOF PLAN, WALL SECTIONS & COORDINATE WITH OTHERS.
14. FIRE EXTINGUISHER CABINET. FULLY RECESSED TRIM-LESS AND WITH FLUSH HANDLE.
15. FIRE EXTINGUISHER CABINET IN LOCKER.
16. ROOF DRAIN PIPE CHASE LOCATION. COORDINATE WITH MECHANICAL. "A" = EXPOSED
17. ROOF OVERFLOW DRAIN NOZZLE. SEE DETAIL AND COORDINATE WITH MECHANICAL.
18. HOSE BIB, REFER TO MECHANICAL
19. HOT WATER HEATER. COORDINATE WITH MECHANICAL AND ELECTRICAL.
20. SERVICE SINK WITH MOP RACK, REFER TO PLUMBING
21. SEMI RECESSED ELECTRIC WATER COOLER. COORDINATE ELECTRICAL, MECHANICAL AND MANUFACTURER SPECIFICATIONS.
22. UNIT HEATER - FLOOR (F) OR WALL MOUNTED (W) 4" MAXIMUM WALL RECESS. PROVIDE TRIM /CLOSURE AROUND UNIT BY MANUFACTURE. REFER TO MECHANICAL.
23. GENERAL LOCATION OF LOW VOLTAGE CONDUITS/SLEEVES BY OTHERS. COORDINATE WITH OWNER. LOCATE CONDUIT AT CEILINGS STRUCTURE DIRECTLY UNDER A BEAM.
24. MILLWORK DESIGN AND MISCELLANEOUS ITEMS BY OTHERS. REFER TO INTERIOR ELEVATIONS:
25. METAL LOCKERS (BY OTHERS). 9"W x 15"D WITH INTEGRATED SLOPED METAL TOP AND 4" HIGH TOE KICK CLEARANCE. COORDINATE WITH OWNER.
    - 25A = FIRE EXTINGUISHER CABINET LOCKER.

WALL LEGEND:

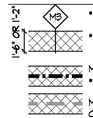
REFER TO SHEETS A.101 AND A.102 FOR ADDITIONAL WALL INFORMATION.



- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M1F = FIRE BARRIER WALL: UL DESIGN NO. U905 - ONE HOUR RATING
- M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION



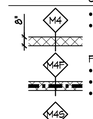
- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 12" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION



- 8" WITH 10" OR 6" C.M.U. WALL WITH TOTAL THICKNESS AS INDICATED. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M3F: FIRE BARRIER WALL SAME AS M4 EXCEPT:
- UL DESIGN NO. U905 - ONE HOUR RATING

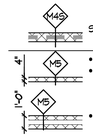
M3S = SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION



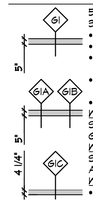
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

FIRE BARRIER WALL:
- UL DESIGN NO. U905 - ONE HOUR RATING
- 8" C.M.U. WALL
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION



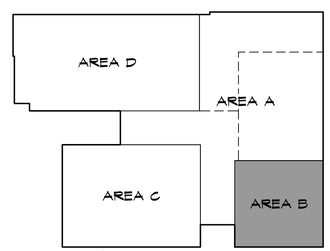
- 4" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 48" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- SAME AS M5 4" C.M.U. AS PLUMBING CHASE WALL



5/8" GYPSUM BOARD ON BOTH SIDES OF 18 GA - 3-5/8" METAL STUDS @ 16" O.C WITH:
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK U.N.O.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION.
- BRACE TOP WALL TO NEAREST STEEL MEMBER AT 4'-0" O.C. MAXIMUM.
- SEAL ALL PENETRATIONS IN WALL.

WALL TYPE G1A:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT GYPSUM BOARD.
WALL TYPE G1B:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD.
WALL TYPE G1C:
- SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD ON ONE SIDE ONLY

SHAFT WALL: 5/8" HIGH IMPACT GYPSUM BOARD ON MINIMUM 18 GA. 4" DEEP METAL "C-H" SHAPED STUDS @ 16" O.C WITH 1" FIRE RATED GYPSUM LINER BOARD.
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION
- PROVIDE SAME SHAFT WALL AT BASE OF SHAFT FLOOR OPENING.



KEY PLAN
NO SCALE
NORTH

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A152

JOB #: 22010

SHEET TITLE
ENLARGED FLOOR PLANS
AREA "B"
SHEET #
A.152

"MO" DENOTES MASONRY OPENING WITH STEEL LINTEL / BEAM SUPPORTS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES.

FLOOR PLANS NOTE LEGEND:

1. RECESSED KNOX BOX. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
2. FIRE DEPARTMENT CONNECTION (F.D.C.) AND WATER METERS ASSEMBLY. REFER TO MECHANICAL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
3. GAS METER. COORDINATE WITH UTILITY AUTHORITY, CIVIL AND MECHANICAL.
4. FIRE PROTECTION ASSEMBLY, REFER TO MECHANICAL.
5. ALARM PANEL & SPRINKLER SYSTEM STATUS PANEL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
6. ELEVATOR & DRAIN TILE SUMP PUMPS AND PITS. COORDINATE & VERIFY LOCATION WITH ELEVATOR MANUFACTURER, FOOTINGS AND ELECTRICAL / MECHANICAL. 24" DIAMETER x 36" DEEP WITH GALVANIZED STEEL GRATING COVER TYPICAL.
7. ELEVATOR SUMP PUMP CONTROL PANEL. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER.
8. ELEVATOR SHUT OFF BOX. COORDINATE WITH LOCAL FIRE DEPARTMENT.
9. ELEVATOR CONTROLLER. COORDINATE WITH ELEVATOR SUPPLIER. SEE DETAIL.
10. FIRE PROTECTION STAND PIPES. COORDINATE WITH MECHANICAL AND FIRE PROTECTION.
11. BARRIER FREE POWER ASSIST DOOR ACTUATOR. COORDINATE WITH OWNER.
12. GENERAL PROXIMITY OF MISCELLANEOUS BY OTHERS. SUBMIT TO & COORDINATE WITH OWNER FOR APPROVAL:
    - 12A = SECURITY CARD ACCESS READER CAMERA, INTERCOM AND DOOR STRIKE.
    - 12B = SECURITY CARD READER AND DOOR STRIKE.
    - 12C = SPEAKER (CEILING OR WALL)
    - 12D = CLOCK(CEILING OR WALL AND 1 OR 2 SIDED)
    - 12E = CAMERA
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13. ROOF ACCESS LADDER AND HATCH. REFER TO ROOF PLAN, WALL SECTIONS & COORDINATE WITH OTHERS.
14. FIRE EXTINGUISHER CABINET. FULLY RECESSED TRIM-LESS AND WITH FLUSH HANDLE.
15. FIRE EXTINGUISHER CABINET IN LOCKER.
16. ROOF DRAIN PIPE CHASE LOCATION. COORDINATE WITH MECHANICAL. "A" = EXPOSED
17. ROOF OVERFLOW DRAIN NOZZLE. SEE DETAIL AND COORDINATE WITH MECHANICAL.
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19. HOT WATER HEATER. COORDINATE WITH MECHANICAL AND ELECTRICAL.
20. SERVICE SINK WITH MOP RACK, REFER TO PLUMBING
21. SEMI RECESSED ELECTRIC WATER COOLER. COORDINATE ELECTRICAL, MECHANICAL AND MANUFACTURER SPECIFICATIONS.
22. UNIT HEATER - FLOOR (F) OR WALL MOUNTED (W) 4" MAXIMUM WALL RECESS. PROVIDE TRIM /CLOSURE AROUND UNIT BY MANUFACTURE. REFER TO MECHANICAL.
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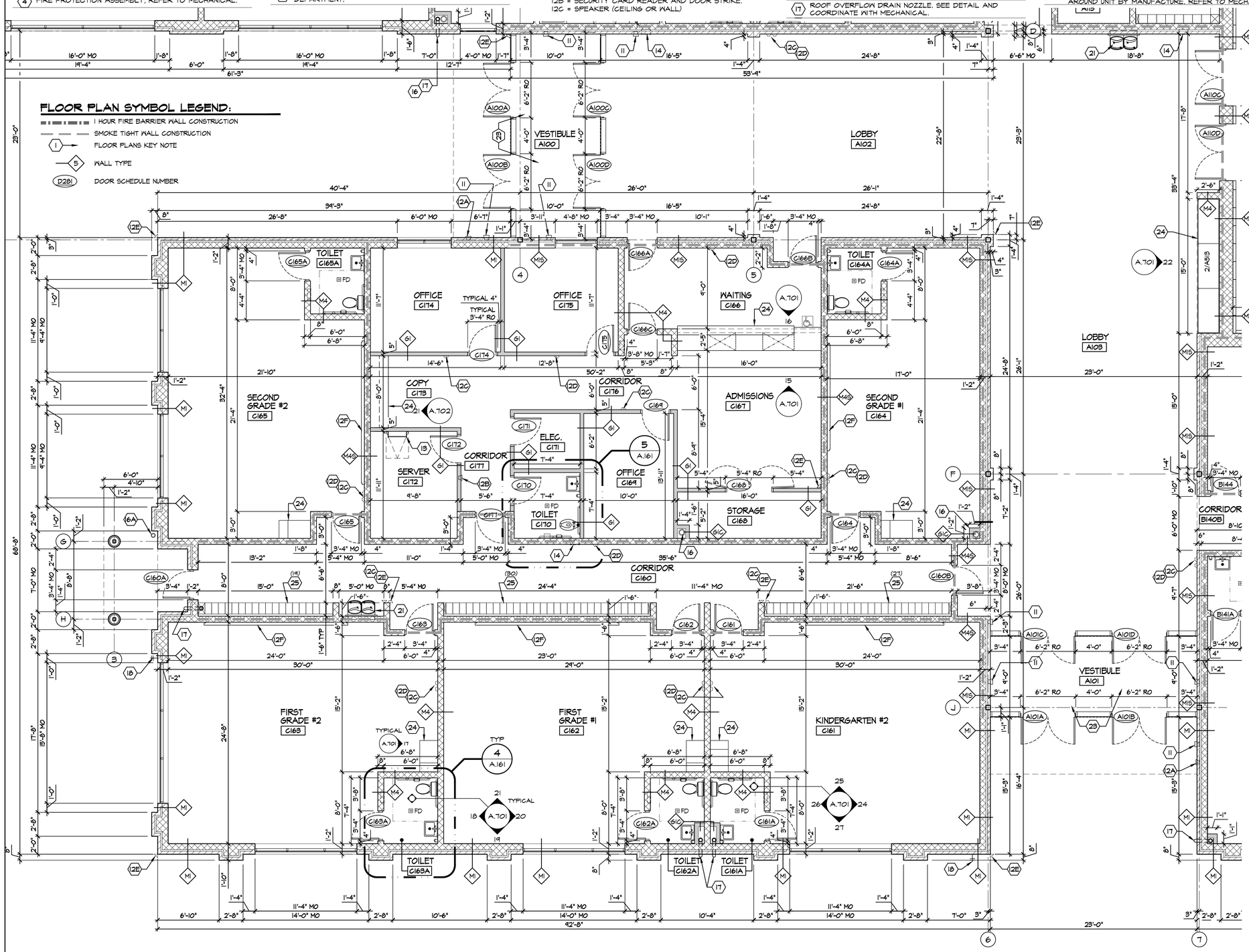
24. MILLWORK DESIGN AND MISCELLANEOUS ITEMS BY OTHERS. REFER TO INTERIOR ELEVATIONS.
25. METAL LOCKERS (BY OTHERS): 4"W x 15"D WITH INTEGRATED SLOPED METAL TOP AND 4" HIGH TOE KICK CLEARANCE. COORDINATE WITH OWNER.
    - 25A = FIRE EXTINGUISHER CABINET LOCKER.

FLOOR PLAN SYMBOL LEGEND:

- 1 HOUR FIRE BARRIER WALL CONSTRUCTION
- SMOKE TIGHT WALL CONSTRUCTION
- 1 FLOOR PLANS KEY NOTE
- 5 WALL TYPE
- D281 DOOR SCHEDULE NUMBER



NORTH

1 A.101 GROUND LEVEL ENLARGED FLOOR PLAN - AREA "C"

SCALE: 3/16"= 1'-0"

WALL LEGEND:

REFER TO SHEETS A.101 AND A.102 FOR ADDITIONAL WALL INFORMATION.

M1 / M1F / M1S
- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M1F = FIRE BARRIER WALL: UL DESIGN NO. U905 - ONE HOUR RATING
- M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION

M2 / M2S
- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 12" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M3S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION

M3
- 8" WITH 10" OR 6" C.M.U. WALL WITH TOTAL THICKNESS AS INDICATED. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M3F: FIRE BARRIER WALL SAME AS M4 EXCEPT:
- UL DESIGN NO. U905 - ONE HOUR RATING

M3S = SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

M4
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M4F: FIRE BARRIER WALL:
- UL DESIGN NO. U905 - ONE HOUR RATING
- 8" C.M.U. WALL
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M4S: SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

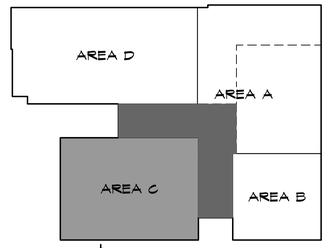
M5
- 4" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 48" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M5S
- SAME AS M5 4" C.M.U. AS PLUMBING CHASE WALL

G1
- 5/8" GYPSUM BOARD ON BOTH SIDES OF 18 GA - 3-5/8" METAL STUDS @ 16" O.C WITH:
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK U.N.O.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION.
- BRACE TOP WALL TO NEAREST STEEL MEMBER AT 4'-0" O.C. MAXIMUM.
- SEAL ALL PENETRATIONS IN WALL.

G1A / G1B / G1C
- WALL TYPE G1A: SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT GYPSUM BOARD.
- WALL TYPE G1B: SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD.
- WALL TYPE G1C:
- SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD ON ONE SIDE ONLY

G2
- SHAFT WALL: 5/8" HIGH IMPACT GYPSUM BOARD ON MINIMUM 18 GA. 4" DEEP METAL "C-H" SHAPED STUDS @ 16" O.C WITH 1" FIRE RATED GYPSUM LINER BOARD.
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION
- PROVIDE SAME SHAFT WALL AT BASE OF SHAFT FLOOR OPENING.



NORTH

KEY PLAN
NO SCALE

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A153

JOB #: 22010

SHEET TITLE
ENLARGED FLOOR PLANS AREA "C"

SHEET #
A.153

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

FLOOR PLAN SYMBOL LEGEND:

- 1 HOUR FIRE BARRIER WALL CONSTRUCTION
- SMOKE TIGHT WALL CONSTRUCTION
- (1) FLOOR PLANS KEY NOTE
- (5) WALL TYPE
- (D281) DOOR SCHEDULE NUMBER

"MO" DENOTES MASONRY OPENING WITH STEEL LINTEL / BEAM SUPPORTS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES.

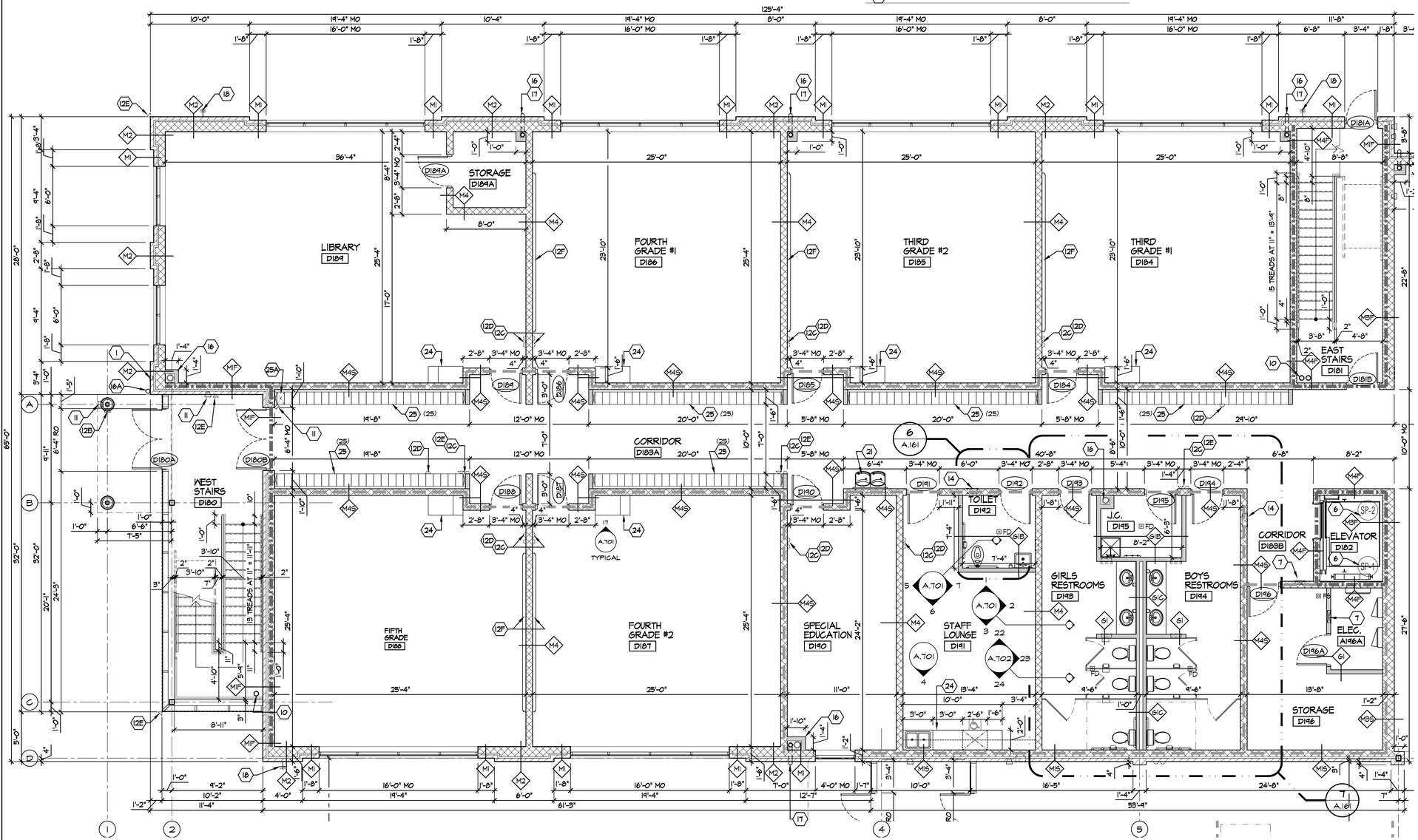
FLOOR PLANS NOTE LEGEND:

1. RECESSED KNOX BOX. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
2. FIRE DEPARTMENT CONNECTION (F.D.C.) AND WATER METERS ASSEMBLY. REFER TO MECHANICAL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
3. GAS METER. COORDINATE WITH UTILITY AUTHORITY, CIVIL AND MECHANICAL.
4. FIRE PROTECTION ASSEMBLY, REFER TO MECHANICAL.
5. ALARM PANEL & SPRINKLER SYSTEM STATUS PANEL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
6. ELEVATOR & DRAIN TILE SUMP PUMPS AND PITS. COORDINATE & VERIFY LOCATION WITH ELEVATOR MANUFACTURER, FOOTINGS AND ELECTRICAL / MECHANICAL. 24" DIAMETER x 36" DEEP WITH GALVANIZED STEEL GRATING COVER TYPICAL.
7. ELEVATOR SUMP PUMP CONTROL PANEL. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER.
8. ELEVATOR SHUT OFF BOX. COORDINATE WITH LOCAL FIRE DEPARTMENT.
9. ELEVATOR CONTROLLER. COORDINATE WITH ELEVATOR SUPPLIER. SEE DETAIL.
10. FIRE PROTECTION STAND PIPES. COORDINATE WITH MECHANICAL AND FIRE PROTECTION.
11. BARRIER FREE POWER ASSIST DOOR ACTUATOR. COORDINATE WITH OWNER.
12. GENERAL PROXIMITY OF MISCELLANEOUS BY OTHERS. SUBMIT TO & COORDINATE WITH OWNER FOR APPROVAL:
    - 12A = SECURITY CARD ACCESS READER CAMERA, INTERCOM AND DOOR STRIKE.
    - 12B = SECURITY CARD READER AND DOOR STRIKE.
    - 12C = SPEAKER (CEILING OR WALL)
    - 12D = CLOCK(CEILING OR WALL AND 1 OR 2 SIDED)
    - 12E = CAMERA
    - 12F = SMART BOARD
13. ROOF ACCESS LADDER AND HATCH. REFER TO ROOF PLAN, WALL SECTIONS & COORDINATE WITH OTHERS.
14. FIRE EXTINGUISHER CABINET. FULLY RECESSED TRIM-LESS AND WITH FLUSH HANDLE.
15. FIRE EXTINGUISHER CABINET IN LOCKER.
16. ROOF DRAIN PIPE CHASE LOCATION. COORDINATE WITH MECHANICAL. "A" = EXPOSED
17. ROOF OVERFLOW DRAIN NOZZLE. SEE DETAIL AND COORDINATE WITH MECHANICAL.
18. HOSE BIB. REFER TO MECHANICAL
19. HOT WATER HEATER. COORDINATE WITH MECHANICAL AND ELECTRICAL.
20. SERVICE SINK WITH MOP RACK. REFER TO PLUMBING
21. SEMI RECESSED ELECTRIC WATER COOLER. COORDINATE ELECTRICAL, MECHANICAL AND MANUFACTURER SPECIFICATIONS.
22. UNIT HEATER - FLOOR (F) OR WALL MOUNTED (W) 4" MAXIMUM WALL RECESS. PROVIDE TRIM /CLOSURE AROUND UNIT BY MANUFACTURE. REFER TO MECHANICAL.
23. GENERAL LOCATION OF LOW VOLTAGE CONDUITS/SLEEVES BY OTHERS. COORDINATE WITH OWNER. LOCATE CONDUIT AT CEILINGS STRUCTURE DIRECTLY UNDER A BEAM.
24. MILLWORK DESIGN AND MISCELLANEOUS ITEMS BY OTHERS. REFER TO INTERIOR ELEVATIONS.
25. METAL LOCKERS (BY OTHERS): 9"W x 15"D WITH INTEGRATED SLOPED METAL TOP AND 4" HIGH TOE KICK CLEARANCE. COORDINATE WITH OWNER.
    - 25A = FIRE EXTINGUISHER CABINET LOCKER.

WALL LEGEND:

REFER TO SHEETS A.101 AND A.102 FOR ADDITIONAL WALL INFORMATION.

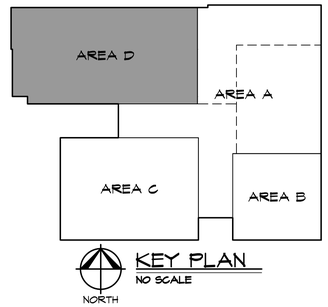
- M1, M1F, M1S (1'-2"): 4" BRICK VENEER; 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER; 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES; REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL; REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE. MIF = FIRE BARRIER WALL: UL DESIGN NO. U905 - ONE HOUR RATING; M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION
- M2, M2S (1'-6"): 4" BRICK VENEER; 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER; 12" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES; REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL; REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE. M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION
- M3, M3F, M3S (1'-6" OR 1'-2"): 8" WITH 10" OR 6" C.M.U. WALL WITH TOTAL THICKNESS AS INDICATED. BULLNOSE ALL EXPOSED EDGES; REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE. M3F: FIRE BARRIER WALL SAME AS M4 EXCEPT: UL DESIGN NO. U905 - ONE HOUR RATING. M3S = SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION
- M4, M4F, M4S (8"): 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES; REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE. FIRE BARRIER WALL: UL DESIGN NO. U905 - ONE HOUR RATING; 8" C.M.U. WALL; REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE. SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION
- M5, M5 (4", 1'-0"): 4" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES; REINFORCEMENT: #5 VERTICAL @ 48" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE. SAME AS M5 4" C.M.U. AS PLUMBING CHASE WALL
- G1 (5"): 5/8" GYPSUM BOARD ON BOTH SIDES OF 18 GA - 3-5/8" METAL STUDS @ 16" O.C WITH: FULL HEIGHT SOUND BATT INSULATION; EXTEND TO UNDERSIDE OF ROOF DECK U.N.O.; PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION; BRACE TOP WALL TO NEAREST STEEL MEMBER AT 4'-0" O.C. MAXIMUM; SEAL ALL PENETRATIONS IN WALL.
- G1A, G1B (5"): WALL TYPE G1A: SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT GYPSUM BOARD. WALL TYPE G1B: SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD.
- G1C (4 1/4"): WALL TYPE G1C: SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD ON ONE SIDE ONLY
- G2 (4 1/2"): SHAFT WALL: 5/8" HIGH IMPACT GYPSUM BOARD ON MINIMUM 18 GA. 4" DEEP METAL "C-H" SHAPED STUDS @ 16" O.C WITH 1" FIRE RATED GYPSUM LINER BOARD. FULL HEIGHT SOUND BATT INSULATION; EXTEND TO UNDERSIDE OF ROOF DECK; PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION; PROVIDE SAME SHAFT WALL AT BASE OF SHAFT FLOOR OPENING.



NORTH

GROUND LEVEL ENLARGED FLOOR PLAN - AREA "D"

(1 / A.101) SCALE: 3/16"= 1'-0"



KEY PLAN
NO SCALE

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN

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INDUSTRIAL

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TROY, MI 48098
586-365-5000

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TROY, MI 48098

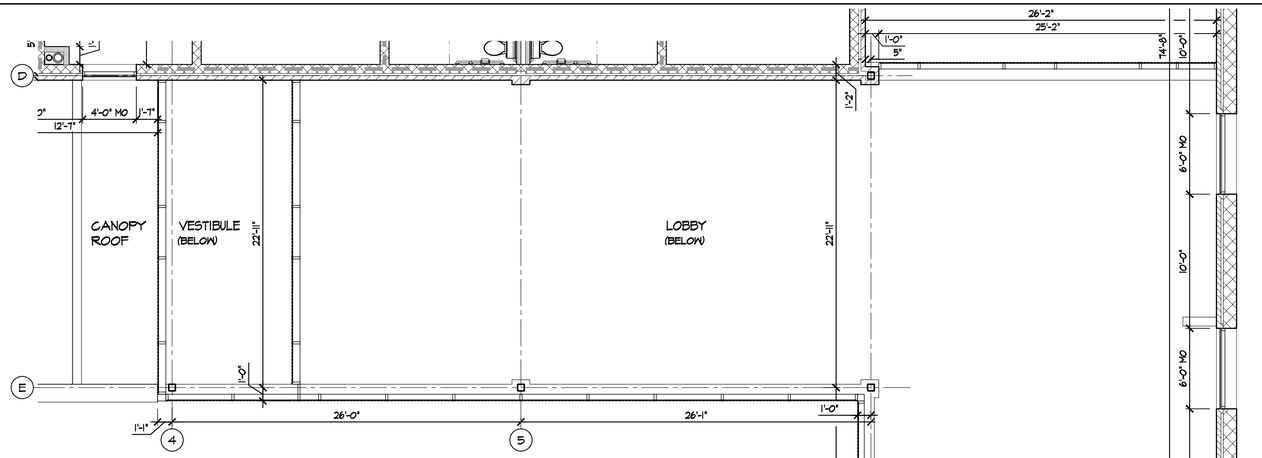
DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

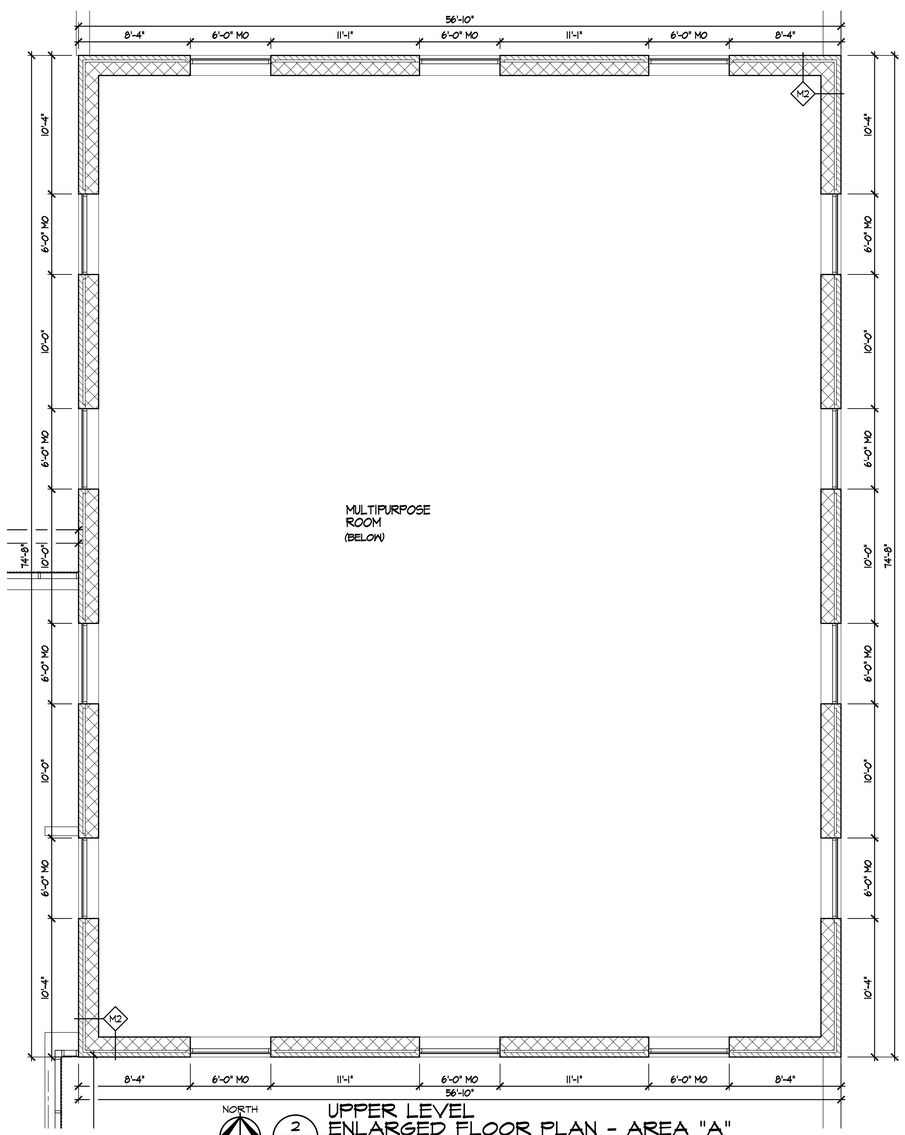
SCALE :

FILE NAME : 22010_A154

JOB #: 22010

SHEET TITLE
ENLARGED FLOOR PLANS
AREA "D"
SHEET #
A.154

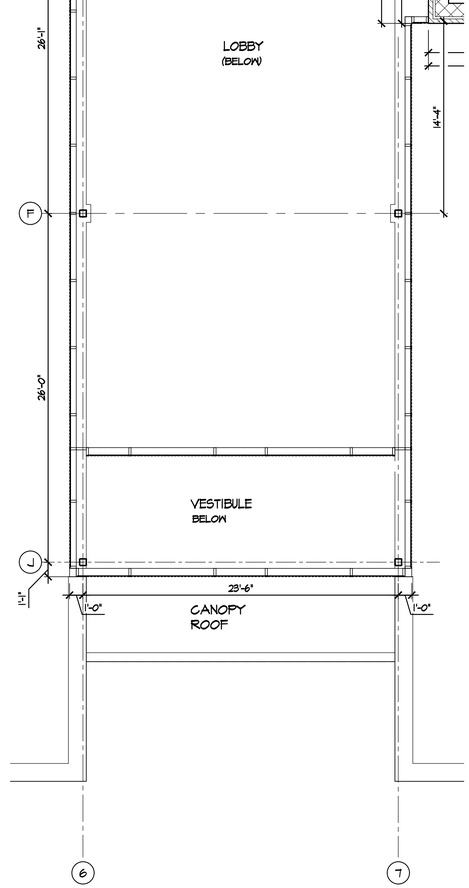




NORTH

2 A.102 UPPER LEVEL ENLARGED FLOOR PLAN - AREA "A"

SCALE: 3/16"= 1'-0"



NORTH

1 A.102 UPPER LEVEL ENLARGED FLOOR PLAN - AREA "A"

SCALE: 3/16"= 1'-0"

FLOOR PLAN SYMBOL LEGEND:

- 1 HOUR FIRE BARRIER WALL CONSTRUCTION
- SMOKE TIGHT WALL CONSTRUCTION
- (1) FLOOR PLANS KEY NOTE
- (5) WALL TYPE
- (D201) DOOR SCHEDULE NUMBER

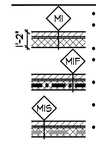
"MO" DENOTES MASONRY OPENING WITH STEEL LINTEL / BEAM SUPPORTS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES.

FLOOR PLANS NOTE LEGEND:

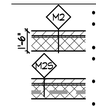
1. RECESSED KNOX BOX. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
2. FIRE DEPARTMENT CONNECTION (F.D.C.) AND WATER METERS ASSEMBLY. REFER TO MECHANICAL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
3. GAS METER. COORDINATE WITH UTILITY AUTHORITY, CIVIL AND MECHANICAL.
4. FIRE PROTECTION ASSEMBLY, REFER TO MECHANICAL.
5. ALARM PANEL & SPRINKLER SYSTEM STATUS PANEL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
6. ELEVATOR & DRAIN TILE SUMP PUMPS AND PITS. COORDINATE & VERIFY LOCATION WITH ELEVATOR MANUFACTURER, FOOTINGS AND ELECTRICAL / MECHANICAL. 24" DIAMETER x 36" DEEP WITH GALVANIZED STEEL GRATING COVER TYPICAL.
7. ELEVATOR SUMP PUMP CONTROL PANEL. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER.
8. ELEVATOR SHUT OFF BOX. COORDINATE WITH LOCAL FIRE DEPARTMENT.
9. ELEVATOR CONTROLLER. COORDINATE WITH ELEVATOR SUPPLIER. SEE DETAIL.
10. FIRE PROTECTION STAND PIPES. COORDINATE WITH MECHANICAL AND FIRE PROTECTION.
11. BARRIER FREE POWER ASSIST DOOR ACTUATOR. COORDINATE WITH OWNER.
12. GENERAL PROXIMITY OF MISCELLANEOUS BY OTHERS. SUBMIT TO & COORDINATE WITH OWNER FOR APPROVAL:
    - 2A = SECURITY CARD ACCESS READER CAMERA, INTERCOM AND DOOR STRIKE.
    - 12B = SECURITY CARD READER AND DOOR STRIKE.
    - 12C = SPEAKER (CEILING OR WALL)
    - 12D = CLOCK(CEILING OR WALL AND 1 OR 2 SIDED)
    - 12E = CAMERA
    - 12F = SMART BOARD
13. ROOF ACCESS LADDER AND HATCH. REFER TO ROOF PLAN, WALL SECTIONS & COORDINATE WITH OTHERS.
14. FIRE EXTINGUISHER CABINET. FULLY RECESSED TRIM-LESS AND WITH FLUSH HANDLE.
15. FIRE EXTINGUISHER CABINET IN LOCKER.
16. ROOF DRAIN PIPE CHASE LOCATION. COORDINATE WITH MECHANICAL. "A" = EXPOSED
17. ROOF OVERFLOW DRAIN NOZZLE. SEE DETAIL AND COORDINATE WITH MECHANICAL.
18. HOSE BIB, REFER TO MECHANICAL
19. HOT WATER HEATER. COORDINATE WITH MECHANICAL AND ELECTRICAL.
20. SERVICE SINK WITH MOP RACK, REFER TO PLUMBING
21. SEMI RECESSED ELECTRIC WATER COOLER. COORDINATE ELECTRICAL, MECHANICAL AND MANUFACTURER SPECIFICATIONS.
22. UNIT HEATER - FLOOR (F) OR WALL MOUNTED (W) 4" MAXIMUM WALL RECESS. PROVIDE TRIM /CLOSURE AROUND UNIT BY MANUFACTURE. REFER TO MECHANICAL.
23. GENERAL LOCATION OF LOW VOLTAGE CONDUITS/SLEEVES BY OTHERS. COORDINATE WITH OWNER. LOCATE CONDUIT AT CEILINGS STRUCTURE DIRECTLY UNDER A BEAM.
24. MILLWORK DESIGN AND MISCELLANEOUS ITEMS BY OTHERS. REFER TO INTERIOR ELEVATIONS.
25. METAL LOCKERS (BY OTHERS). 9"W x 15"D WITH INTEGRATED SLOPED METAL TOP AND 4" HIGH TOE KICK CLEARANCE. COORDINATE WITH OWNER.
    - 25A = FIRE EXTINGUISHER CABINET LOCKER.

WALL LEGEND:

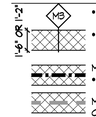
REFER TO SHEETS A.101 AND A.102 FOR ADDITIONAL WALL INFORMATION.



- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- MIF = FIRE BARRIER WALL: UL DESIGN NO. U905 - ONE HOUR RATING
- MIS = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION



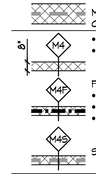
- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 12" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- MIS = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION



- 8" WITH 10" OR 6" C.M.U. WALL WITH TOTAL THICKNESS AS INDICATED. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M3F: FIRE BARRIER WALL SAME AS M4 EXCEPT:
- UL DESIGN NO. U905 - ONE HOUR RATING

M3S = SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

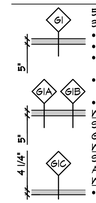


- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

FIRE BARRIER WALL:
- UL DESIGN NO. U905 - ONE HOUR RATING
- 8" C.M.U. WALL
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

- 4" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 48" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- SAME AS M5 4" C.M.U. AS PLUMBING CHASE WALL



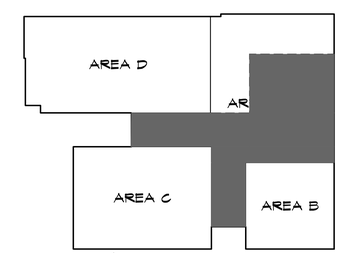
5/8" GYPSUM BOARD ON BOTH SIDES OF 18 GA - 3-5/8" METAL STUDS @ 16" O.C WITH:
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK U.N.O.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION.
- BRACE TOP WALL TO NEAREST STEEL MEMBER AT 4'-0" O.C. MAXIMUM.
- SEAL ALL PENETRATIONS IN WALL.

WALL TYPE G1A:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT GYPSUM BOARD.

WALL TYPE G1B:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD.

WALL TYPE G1C:
- SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD ON ONE SIDE ONLY

SHAFT WALL: 5/8" HIGH IMPACT GYPSUM BOARD ON MINIMUM 18 GA. 4" DEEP METAL "C-H" SHAPED STUDS @ 16" O.C WITH 1" FIRE RATED GYPSUM LINER BOARD.
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION
- PROVIDE SAME SHAFT WALL AT BASE OF SHAFT FLOOR OPENING.



NORTH

KEY PLAN
NO SCALE

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN

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24001 ORCHARD LAKE RD., STE. 180A
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DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A155

JOB #: 22010

SHEET TITLE
ENLARGED FLOOR PLANS AREA "A"

SHEET #
A.155

FLOOR PLAN SYMBOL LEGEND:

- 1 HOUR FIRE BARRIER WALL CONSTRUCTION
- SMOKE TIGHT WALL CONSTRUCTION
- (1) FLOOR PLANS KEY NOTE
- (5) WALL TYPE
- (D281) DOOR SCHEDULE NUMBER

"MO" DENOTES MASONRY OPENING WITH STEEL LINTEL / BEAM SUPPORTS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES.

FLOOR PLANS NOTE LEGEND:

1. RECESSED KNOX BOX. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
2. FIRE DEPARTMENT CONNECTION (F.D.C.) AND WATER METERS ASSEMBLY. REFER TO MECHANICAL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
3. GAS METER. COORDINATE WITH UTILITY AUTHORITY, CIVIL AND MECHANICAL.
4. FIRE PROTECTION ASSEMBLY, REFER TO MECHANICAL.
5. ALARM PANEL & SPRINKLER SYSTEM STATUS PANEL. COORDINATE WITH LOCAL AUTHORITY AND FIRE DEPARTMENT.
6. ELEVATOR & DRAIN TILE SUMP PUMPS AND PITS. COORDINATE & VERIFY LOCATION WITH ELEVATOR MANUFACTURER, FOOTINGS AND ELECTRICAL / MECHANICAL. 24" DIAMETER x 36" DEEP WITH GALVANIZED STEEL GRATING COVER TYPICAL.
7. ELEVATOR SUMP PUMP CONTROL PANEL. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER.
8. ELEVATOR SHUT OFF BOX. COORDINATE WITH LOCAL FIRE DEPARTMENT.
9. ELEVATOR CONTROLLER. COORDINATE WITH ELEVATOR SUPPLIER. SEE DETAIL.
10. FIRE PROTECTION STAND PIPES. COORDINATE WITH MECHANICAL AND FIRE PROTECTION.
11. BARRIER FREE POWER ASSIST DOOR ACTUATOR. COORDINATE WITH OWNER.
12. GENERAL PROXIMITY OF MISCELLANEOUS BY OTHERS. SUBMIT TO & COORDINATE WITH OWNER FOR APPROVAL.
    - 12A = SECURITY CARD ACCESS READER CAMERA, INTERCOM AND DOOR STRIKE.
    - 12B = SECURITY CARD READER AND DOOR STRIKE.
    - 12C = SPEAKER (CEILING OR WALL)
    - 12D = CLOCK(CEILING OR WALL AND 1 OR 2 SIDED)
    - 12E = CAMERA
    - 12F = SMART BOARD
13. ROOF ACCESS LADDER AND HATCH. REFER TO ROOF PLAN, WALL SECTIONS & COORDINATE WITH OTHERS.
14. FIRE EXTINGUISHER CABINET. FULLY RECESSED TRIM-LESS AND WITH FLUSH HANDLE.
15. FIRE EXTINGUISHER CABINET IN LOCKER.
16. ROOF DRAIN PIPE CHASE LOCATION. COORDINATE WITH MECHANICAL. "A" = EXPOSED
17. ROOF OVERFLOW DRAIN NOZZLE. SEE DETAIL AND COORDINATE WITH MECHANICAL.
18. HOSE BIB, REFER TO MECHANICAL
19. HOT WATER HEATER. COORDINATE WITH MECHANICAL AND ELECTRICAL.
20. SERVICE SINK WITH MOP RACK, REFER TO PLUMBING
21. SEMI RECESSED ELECTRIC WATER COOLER. COORDINATE ELECTRICAL, MECHANICAL AND MANUFACTURER SPECIFICATIONS.
22. UNIT HEATER - FLOOR (F) OR WALL MOUNTED (W) 4" MAXIMUM WALL RECESS. PROVIDE TRIM /CLOSURE AROUND UNIT BY MANUFACTURE. REFER TO MECHANICAL.
23. GENERAL LOCATION OF LOW VOLTAGE CONDUITS/SLEEVES BY OTHERS. COORDINATE WITH OWNER. LOCATE CONDUIT AT CEILINGS STRUCTURE DIRECTLY UNDER A BEAM.
24. MILLWORK DESIGN AND MISCELLANEOUS ITEMS BY OTHERS. REFER TO INTERIOR ELEVATIONS.
25. METAL LOCKERS (BY OTHERS): 9"W x 15"D WITH INTEGRATED SLOPED METAL TOP AND 4" HIGH TOE KICK CLEARANCE. COORDINATE WITH OWNER.
    - 25A = FIRE EXTINGUISHER CABINET LOCKER.

WALL LEGEND:

REFER TO SHEETS A.101 AND A.102 FOR ADDITIONAL WALL INFORMATION.

M1, M1F, M1S (1'-2")
- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M1F = FIRE BARRIER WALL: UL DESIGN NO. U905 - ONE HOUR RATING
- M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION

M2, M2S (1'-6")
- 4" BRICK VENEER
- 2 3/4" CAVITY WITH 1-1/2" HIGH R VALUE XPS RIGID BOARD INSULATION (R11 MINIMUM) AND AIR BARRIER
- 12" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REFER TO BUILDING ELEVATION FOR COURSING AND MATERIAL.
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- M1S = SAME AS M4 WITH SMOKE TIGHT CONSTRUCTION

M3, M3F, M3S (1'-6" OR 1'-2")
- 8" WITH 10" OR 6" C.M.U. WALL WITH TOTAL THICKNESS AS INDICATED. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

M3F: FIRE BARRIER WALL SAME AS M4 EXCEPT:
- UL DESIGN NO. U905 - ONE HOUR RATING

M3S = SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

M4, M4F, M4S (8")
- 8" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

FIRE BARRIER WALL:
- UL DESIGN NO. U905 - ONE HOUR RATING
- 8" C.M.U. WALL
- REINFORCEMENT: #5 VERTICAL @ 32" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.

SAME AS M4 WITH SMOKE TIGHT WALL CONSTRUCTION

M5, M5 (4", 1'-0")
- 4" C.M.U. WALL. BULLNOSE ALL EXPOSED EDGES
- REINFORCEMENT: #5 VERTICAL @ 48" O.C. DOWELS TO BE 2'-0" INTO FOOTING AND 3'-0" ABOVE.
- SAME AS M5 4" C.M.U. AS PLUMBING CHASE WALL

G1, G1A, G1B, G1C (5", 5", 4 1/4")

5/8" GYPSUM BOARD ON BOTH SIDES OF 18 GA - 3-5/8" METAL STUDS @ 16" O.C WITH:
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK U.N.O.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION.
- BRACE TOP WALL TO NEAREST STEEL MEMBER AT 4'-0" O.C. MAXIMUM.
- SEAL ALL PENETRATIONS IN WALL.

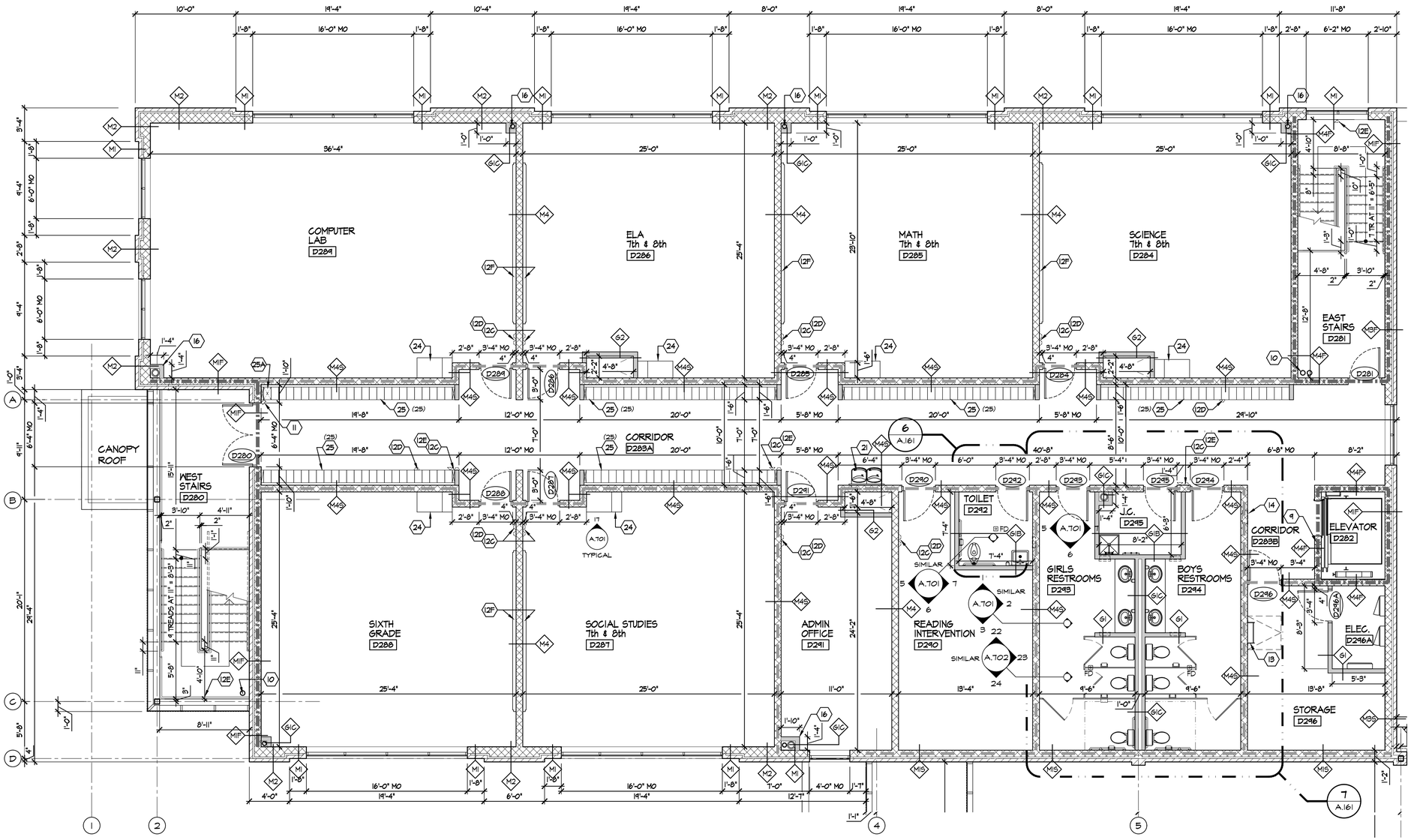
WALL TYPE G1A:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT GYPSUM BOARD.

WALL TYPE G1B:
SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD.

WALL TYPE G1C:
- SAME AS WALL TYPE G1 EXCEPT WITH 5/8" HIGH IMPACT AND MOISTURE RESISTANT GYPSUM BOARD ON ONE SIDE ONLY

G2 (4 1/2")

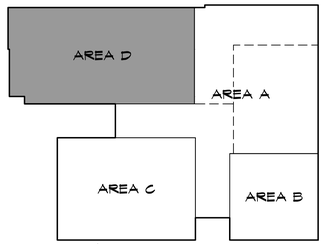
SHAFT WALL: 5/8" HIGH IMPACT GYPSUM BOARD ON MINIMUM 18 GA. 4" DEEP METAL "C-H" SHAPED STUDS @ 16" O.C WITH 1" FIRE RATED GYPSUM LINER BOARD.
- FULL HEIGHT SOUND BATT INSULATION.
- EXTEND TO UNDERSIDE OF ROOF DECK.
- PROVIDE DEFLECTION TRACK @ ROOF TO WALL CONNECTION
- PROVIDE SAME SHAFT WALL AT BASE OF SHAFT FLOOR OPENING.



NORTH

SECOND LEVEL ENLARGED FLOOR PLAN - AREA "D"

SCALE: 3/16"= 1'-0"



KEY PLAN
NO SCALE
NORTH

ISSUED FOR	DATE
PERMITS	08.17.2022

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G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

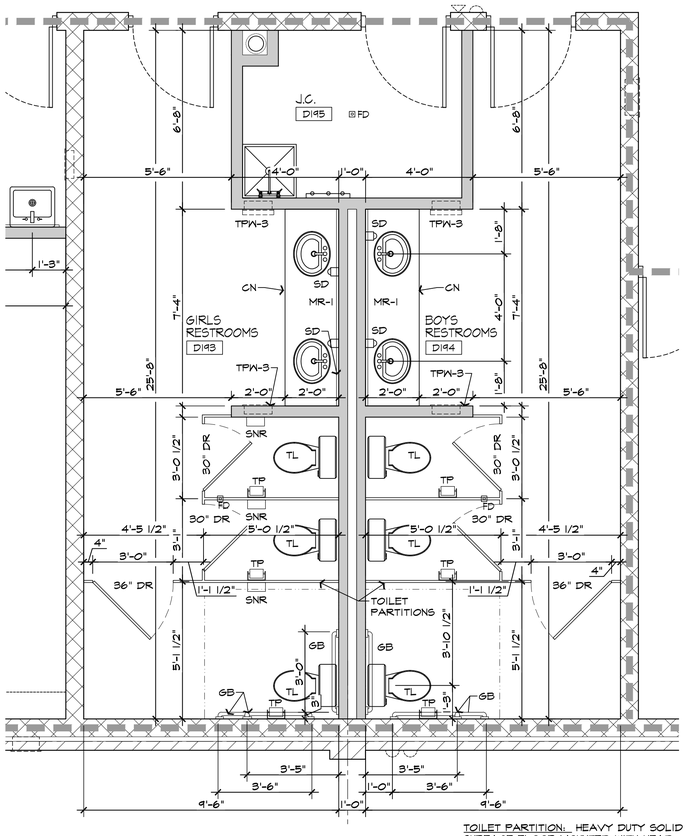
FILE NAME : 22010_A156

JOB #: 22010

SHEET TITLE
ENLARGED FLOOR PLANS AREA "D"

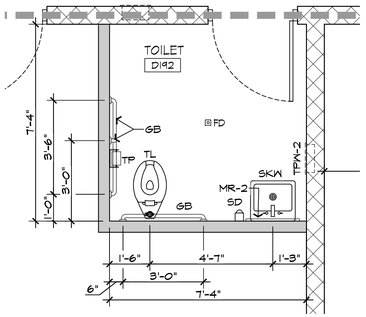
SHEET #
A.156

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

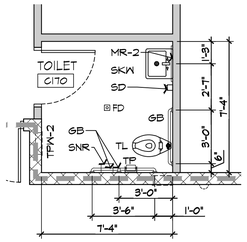


NORTH 7 A.154 **AREA "D" ENLARGED RR PLANS**
SCALE: 1/4"= 1'-0"

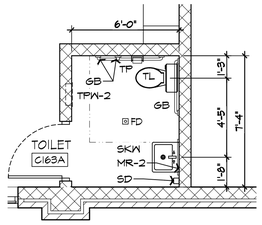
TOILET PARTITION:. HEAVY DUTY SOLID SURFACE FLOOR MOUNTED WITH HEAD RAIL BRACE. POWDER COATED IF METAL. REFER TO ENLARGED FLOOR PLANS FOR ADDITIONAL INFORMATION. ATYPICAL.



NORTH 6 A.154 **AREA "D" ENLARGED RR PLANS**
SCALE: 3/8"= 1'-0"

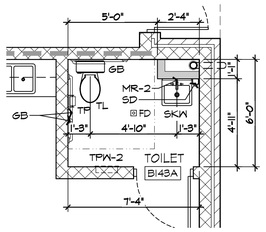


NORTH 5 A.153 **AREA "C" ENLARGED RR PLANS**
SCALE: 1/4"= 1'-0"



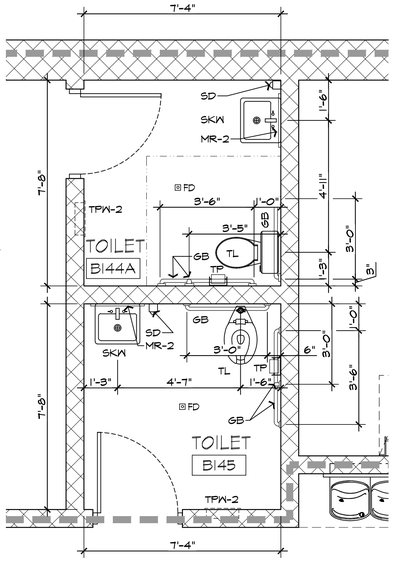
REFER TO INTERIOR ELEVATIONS FOR ALL GRAB BARS DIMENSIONS

NORTH 4 A.153 **AREA "C" ENLARGED RR PLANS**
SCALE: 1/4"= 1'-0"

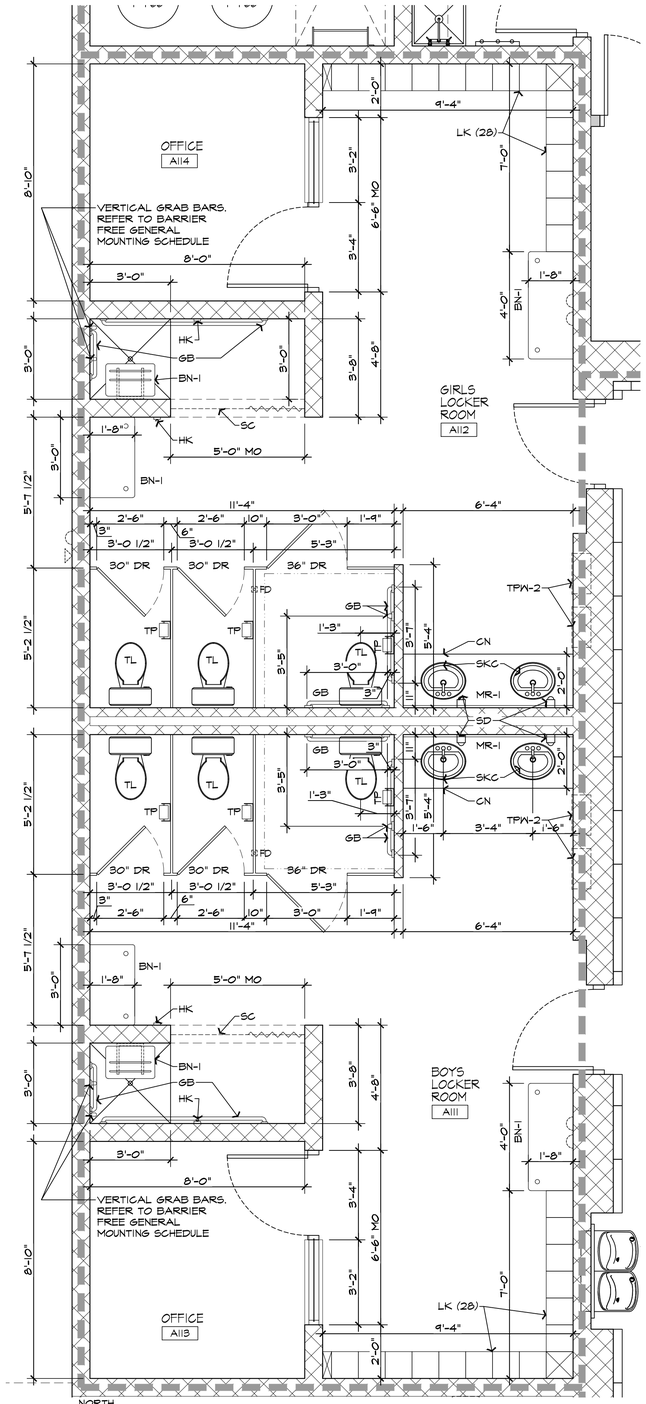


REFER TO INTERIOR ELEVATIONS FOR ALL GRAB BARS DIMENSIONS

NORTH 3 A.153 **KINDER & PRE-K ENLARGED RR PLANS**
SCALE: 1/4"= 1'-0"



NORTH 2 A.152 **AREA "B" & "C" ENLARGED RR PLANS**
SCALE: 3/8"= 1'-0"



NORTH 1 A.151 **BOYS AND GIRLS LOCKER ROOMS**
SCALE: 3/8"= 1'-0"

ACCESSORIES ABBREVIATIONS:

REFER TO GENERAL MOUNTING HEIGHTS SCHEDULE ON SHEET A.001.

BN-1	BUILT-IN SOLID SURFACE BENCH WITH SOLID SURFACE SUPPORTS.
BN-2	PRE-MANUFACTURED FOLDING SOLID SURFACE BENCH WITH SOLID SURFACE SUPPORTS (+/- 16"x22")
CN	BUILT-IN SOLID SURFACE COUNTER WITH SOLID SURFACE SUPPORTS.
GB	GRAB BAR
HK	COAT HOOKS - DOUBLE PIN SATIN FINISH STAINLESS STEEL
MR-1	MIRROR - TEMPERED GLASS. (ONE CONTIGUOUS PIECE OVER COUNTER. WALL TO WALL)
MR-2	MIRROR WITH CONTINUOUS METAL FRAME OVER EACH SINK. TEMPERED GLASS.
SC	SHOWER CURTAIN ROD
SD	SOAP DISPENSER
SND	SANITARY NAPKIN DISPENSER
SNR	SANITARY NAPKIN RECEPTACLE
SKC	COUNTER MOUNTED SINK (REFER TO PLUMBING DRAWINGS FOR TYPE)
SKW	WALL MOUNTED SINK (SEE PLUMBING DRAWINGS FOR TYPE)
TPW-1	RECESSED COMBINATION PAPER TOWEL & WASTE RECEPTACLE. 3 5/8" RECESSED DEPTH.
TPW-2	RECESSED COMBINATION PAPER TOWEL & WASTE RECEPTACLE. 5 5/8" RECESSED DEPTH.
TPW-3	RECESSED COMBINATION PAPER TOWEL & WASTE RECEPTACLE. SEMI-RECESSED WITH LARGE CAPACITY
TL	TOILET (REFER TO PLUMBING DRAWINGS FOR TYPE)
TP	TOILET PAPER HOLDER
LK	METAL LOCKERS (BY OTHERS); 12"W x 12"D VENTED AND DOUBLE TIER WITH INTEGRATED SLOPED METAL TOP AND 4" HIGH TOE KICK CLEARANCE. COORDINATE WITH OWNER.

GC/CM TO VERIFY SELECTION OF ALL PRODUCTS, MATERIALS, COLORS AND FINISHES WITH OWNER.

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN
RESIDENTIAL
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G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A161

JOB #: 22010

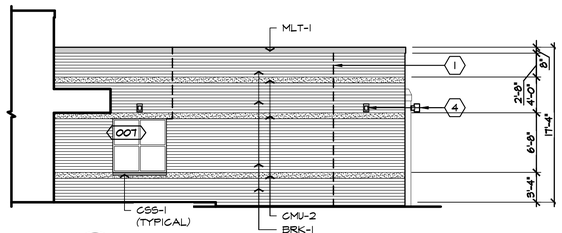
SHEET TITLE
ENLARGED FLOOR PLANS

SHEET #
A.161

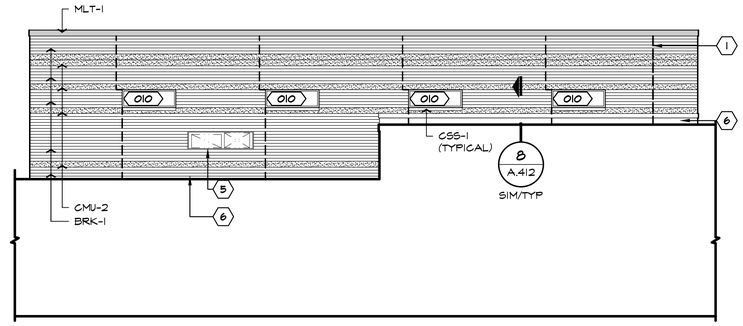
STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

BUILDING ELEVATIONS GENERAL NOTES:

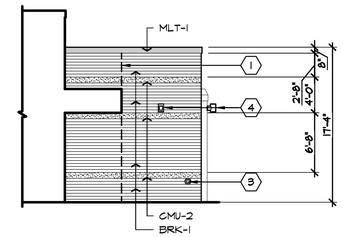
1. REFER TO OWNER APPROVED RENDERING FOR COLOR SELECTION AND COORDINATE WITH OWNERS. COLOR MUST MATCH RENDERING AS CLOSE AS POSSIBLE OR AS APPROVED BY OWNER PRIOR TO CONSTRUCTION.
2. REFER TO REFLECTED CEILING PLANS AND ELECTRICAL DRAWINGS FOR LIGHTING.



5 A.101 BUILDING ELEVATION - WEST
SCALE: 1/8"= 1'-0"



4 A.102 BUILDING ELEVATION - WEST
SCALE: 1/8"= 1'-0"



3 A.101 BUILDING ELEVATION - WEST
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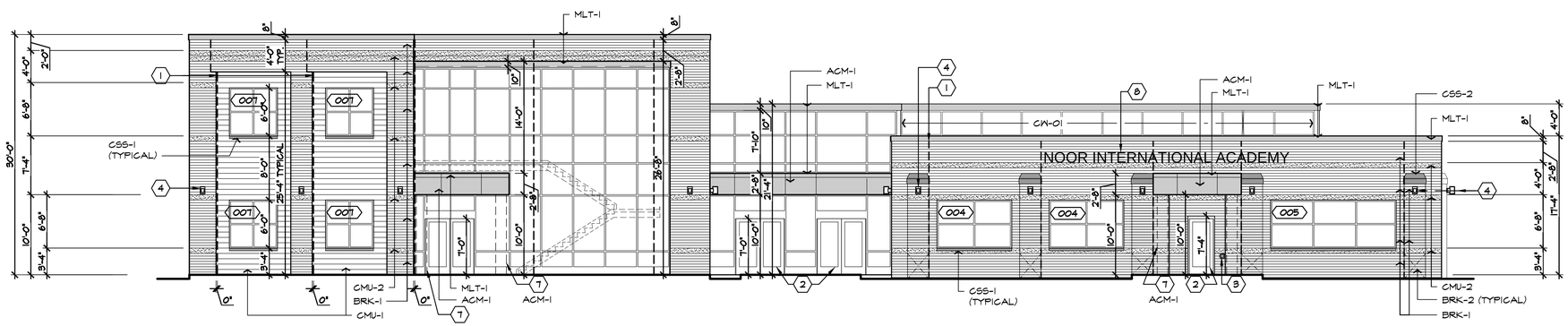
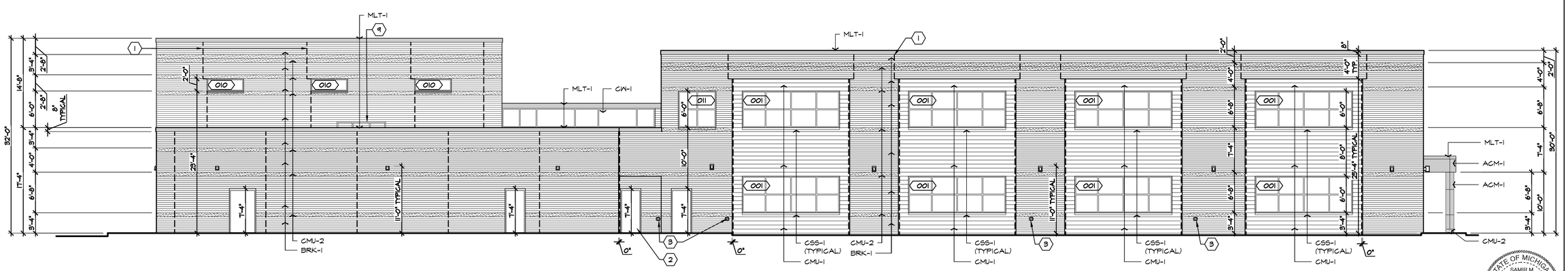


2 A.101 BUILDING ELEVATION - WEST
SCALE: 1/8"= 1'-0"



1 A.101 BUILDING ELEVATION - NORTH
SCALE: 1/8"= 1'-0"

BUILDING ELEVATIONS MATERIAL LEGEND:

COORDINATE AND VERIFY ALL SELECTIONS WITH OWNER AND WITH SELECTIONS/DETAILS.:

BRK-1: BRICK VENEER RED COLOR - RUNNING BOND COURSING
BRK-2 BRICK VENEER TAN COLOR - RUNNING BOND COURSING

CMU-1: PRE-FINISH SMOOTH FACE CMU
CMU-2: PRE-FINISH SPLIT FACE CMU

CSS-1: CAST STONE WINDOW SILL
CSS-2: CAST STONE SILL

ACM-1 PRE-FINISHED ALUMINUM COMPOSITE METAL WALL PANEL WITH FIRE-RETARDANT CORE.

MTL-1 PRE-FINISHED METAL COPING (BRONZE COLOR)

CW-1 PRE-FINISHED ALUMINUM STOREFRONT SYSTEM: 2" x 6" FRAME PROFILE (BRONZE COLOR) WITH FRONT SET GLAZING PLANE. REFER TO STORE FRONT GLAZING ELEVATIONS. TYPICAL.
CW-2 PRE-FINISHED ALUMINUM CURTAIN WALL SYSTEM: 2" x 7-1/2" FRAME PROFILE (BRONZE COLOR) WITH FRONT SET GLAZING PLANE. REFER TO STORE FRONT GLAZING ELEVATIONS. TYPICAL.
SF-1 PRE-FINISHED ALUMINUM STOREFRONT SYSTEM: 2" x 4-1/2" FRAME PROFILE (BRONZE COLOR) WITH FRONT SET GLAZING PLANE. REFER TO STORE FRONT GLAZING ELEVATIONS. TYPICAL.

GL-1 INSULATED GLASS GLAZING UNIT. APPLIES TO ALL PANELS WITHIN UNIT U.N.O. LOW-E WITH LOW TENT. SUBMIT SAMPLES FOR APPROVAL
GL-1T SAME AS GL-1 WITH TEMPERED GLASS GLAZING UNIT.

ALL VENEER CONTROL JOINTS SHALL COMPLY TO COMPLY WITH MASONRY INSTITUTE AND TECH STANDARDS.

BUILDING ELEVATION NOTE LEGEND:

1. VENEER CONTROL JOINT W/ SEALANT (C.J.)
2. DOOR AS SCHEDULED.
3. ROOF OVERFLOW DRAIN NOZZLE. REFER TO DETAIL AND COORDINATE WITH MECHANICAL.
4. LIGHT FIXTURE. REFER TO ELECTRICAL. TYPICAL.
5. HVAC WALL PENETRATION. REFER TO DETAIL AND COORDINATE WITH MECHANICAL AND STRUCTURAL.
6. ROOF TO WALL THRU FLASHING. SEE TYPICAL AND SIMILAR DETAIL NO. 8 ON SHEET A.412. TYPICAL.
7. CANOPY COLUMNS NOT SHOWN FOR CLARITY
8. BUILDING SIGN WITH BACK-LIT LED LIGHTING COORDINATE WITH OWNER.
9. GUARD RAIL: 42" HIGH ABOVE ROOF SURFACE AT RAIL LOCATION. REFER TO DETAIL AND COORDINATE WITH HVAC EQUIPMENT LOCATION AND MAINTAIN RAIL WIDTH PER CODE.

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G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

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NOOR INTERNATIONAL ACADEMY
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586-365-5000

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TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

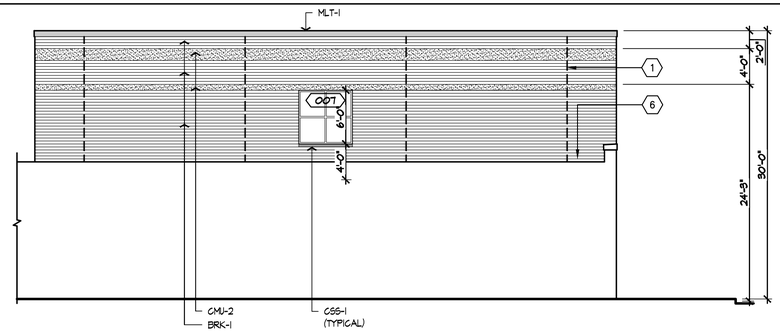
FILE NAME : 22010_A201

JOB #: 22010

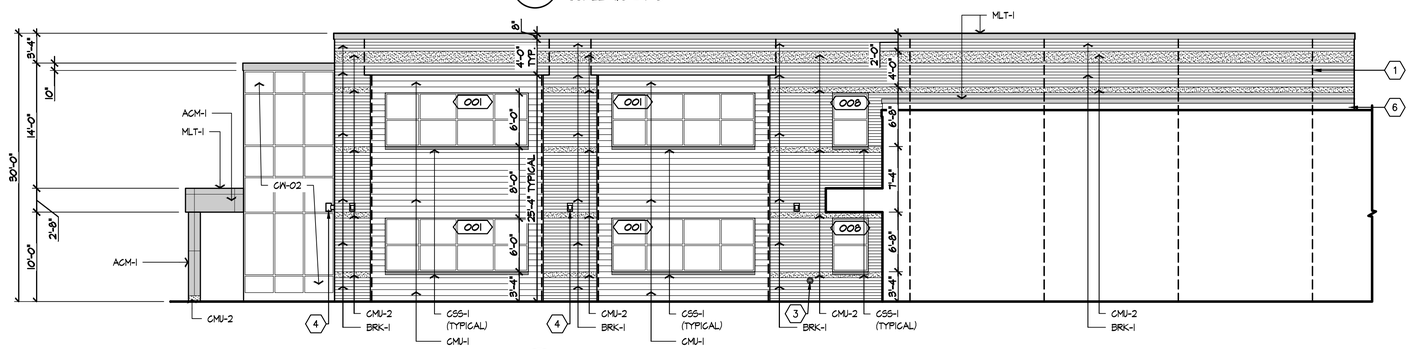
SHEET TITLE
BUILDING ELEVATIONS

SHEET #
A.201

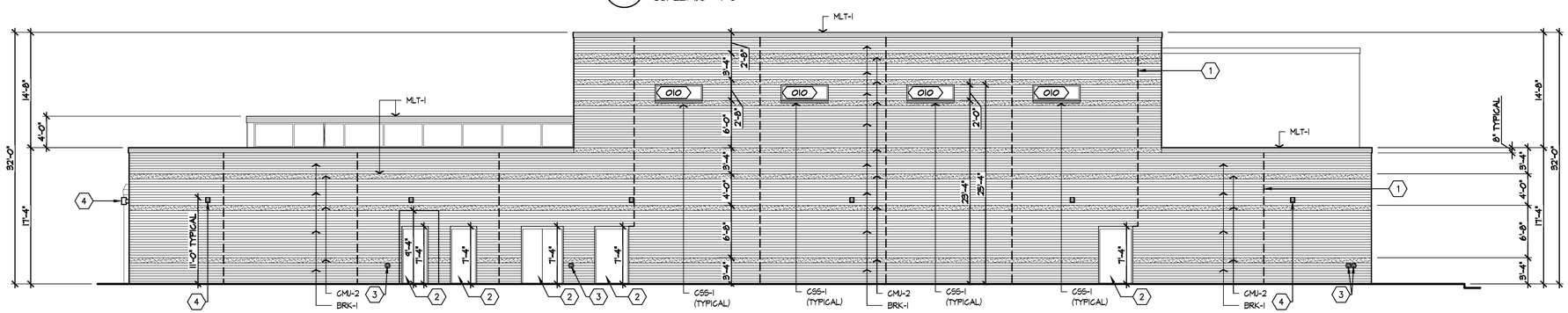
STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301039452
LICENSED ARCHITECT



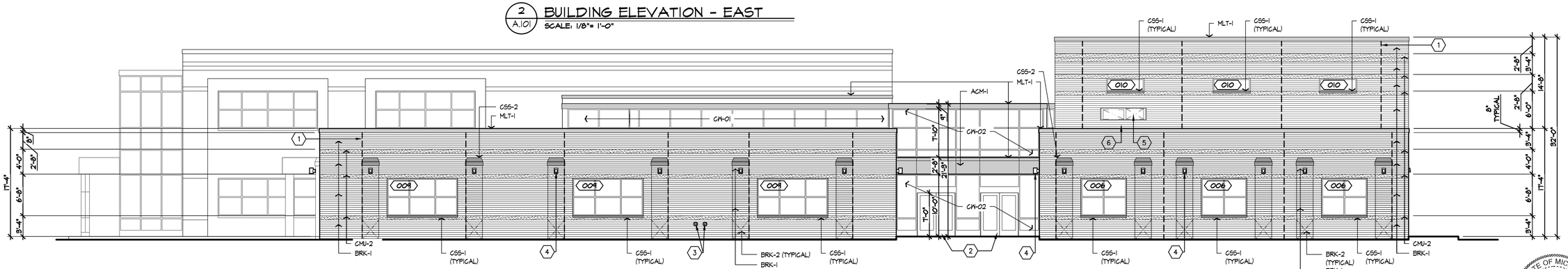
3 A.102 BUILDING ELEVATION - EAST
SCALE: 1/8"= 1'-0"



4 A.101 BUILDING ELEVATION - SOUTH
SCALE: 1/8"= 1'-0"



2 A.101 BUILDING ELEVATION - EAST
SCALE: 1/8"= 1'-0"



1 A.101 BUILDING ELEVATION - SOUTH
SCALE: 1/8"= 1'-0"

BUILDING ELEVATIONS GENERAL NOTES:

1. REFER TO OWNER APPROVED RENDERING FOR COLOR SELECTION AND COORDINATE WITH OWNERS. COLOR MUST MATCH RENDERING AS CLOSE AS POSSIBLE OR AS APPROVED BY OWNER PRIOR TO CONSTRUCTION.
2. REFER TO REFLECTED CEILING PLANS AND ELECTRICAL DRAWINGS FOR LIGHTING.

BUILDING ELEVATIONS MATERIAL LEGEND:

COORDINATE AND VERIFY ALL SELECTIONS WITH OWNER AND WITH SELECTIONS/DETAILS.:

BRK-1: BRICK VENEER RED COLOR - RUNNING BOND COURSING
BRK-2 BRICK VENEER TAN COLOR - RUNNING BOND COURSING

CMU-1: PRE-FINISH SMOOTH FACE CMU
CMU-2: PRE-FINISH SPLIT FACE CMU

CSS-1: CAST STONE WINDOW SILL
CSS-2: CAST STONE SILL

ACM-1 PRE-FINISHED ALUMINUM COMPOSITE METAL WALL PANEL WITH FIRE-RETARDANT CORE.

MTL-1 PRE-FINISHED METAL COPING (BRONZE COLOR)

CW-1 PRE-FINISHED ALUMINUM STOREFRONT SYSTEM: 2" x 6" FRAME PROFILE (BRONZE COLOR) WITH FRONT SET GLAZING PLANE. REFER TO STORE FRONT GLAZING ELEVATIONS. TYPICAL.
CW-2 PRE-FINISHED ALUMINUM CURTAIN WALL SYSTEM: 2" x 7-1/2" FRAME PROFILE (BRONZE COLOR) WITH FRONT SET GLAZING PLANE. REFER TO STORE FRONT GLAZING ELEVATIONS. TYPICAL.
SF-1 PRE-FINISHED ALUMINUM STOREFRONT SYSTEM: 2" x 4-1/2" FRAME PROFILE (BRONZE COLOR) WITH FRONT SET GLAZING PLANE. REFER TO STORE FRONT GLAZING ELEVATIONS. TYPICAL.

GL-1 INSULATED GLASS GLAZING UNIT. APPLIES TO ALL PANELS WITHIN UNIT U.N.O. LOW-E WITH LOW TENT. SUBMIT SAMPLES FOR APPROVAL
GL-1T SAME AS GL-1 WITH TEMPERED GLASS GLAZING UNIT.

ALL VENEER CONTROL JOINTS SHALL COMPLY TO COMPLY WITH MASONRY INSTITUTE AND TECH STANDARDS.

BUILDING ELEVATION NOTE LEGEND:

1. VENEER CONTROL JOINT W/ SEALANT (C.J.)
2. DOOR AS SCHEDULED.
3. ROOF OVERFLOW DRAIN NOZZLE. REFER TO DETAIL AND COORDINATE WITH MECHANICAL.
4. LIGHT FIXTURE. REFER TO ELECTRICAL. TYPICAL.
5. HVAC WALL PENETRATION. REFER TO DETAIL AND COORDINATE WITH MECHANICAL AND STRUCTURAL.
6. ROOF TO WALL THRU FLASHING. SEE TYPICAL AND SIMILAR DETAIL NO. 8 ON SHEET A.412. TYPICAL.
7. CANOPY COLUMNS NOT SHOWN FOR CLARITY
8. BUILDING SIGN WITH BACK-LIT LED LIGHTING COORDINATE WITH OWNER.
9. GUARD RAIL: 42" HIGH ABOVE ROOF SURFACE AT RAIL LOCATION. REFER TO DETAIL AND COORDINATE WITH HVAC EQUIPMENT LOCATION AND MAINTAIN RAIL WIDTH PER CODE.

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN
RESIDENTIAL
COMMERCIAL
INDUSTRIAL

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24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

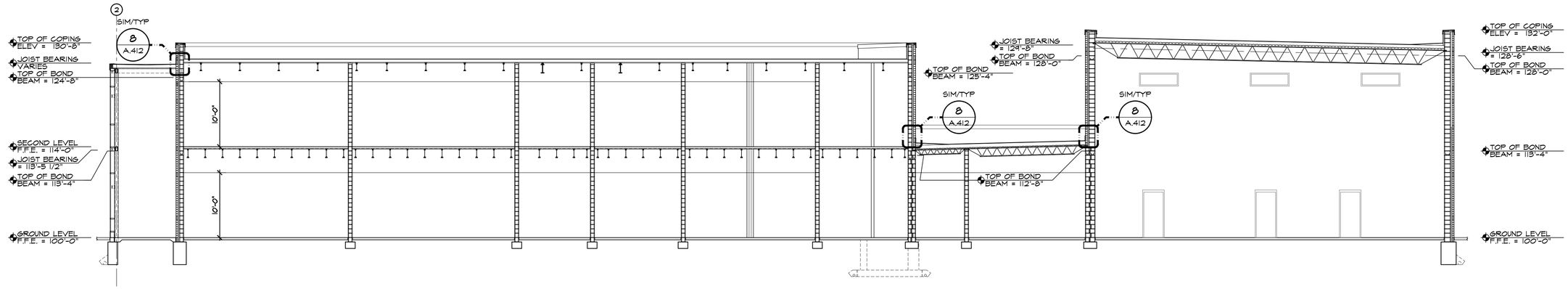
FILE NAME : 22010_A202

JOB #: 22010

SHEET TITLE
BUILDING ELEVATIONS

SHEET #
A.202

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT



C / A.102 BUILDING SECTION
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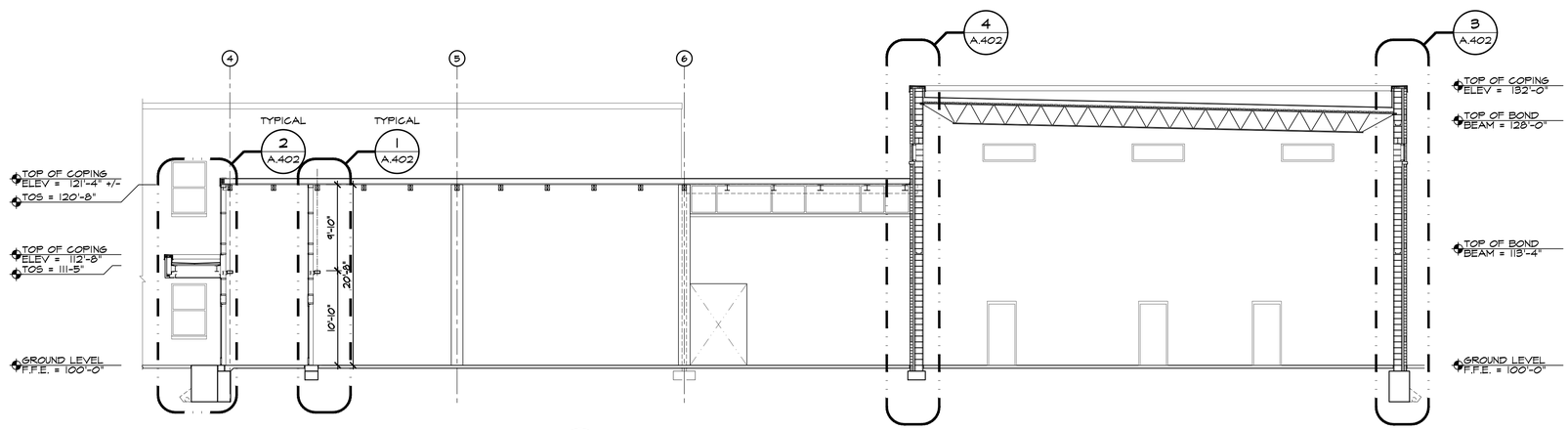

B / A.101 BUILDING SECTION
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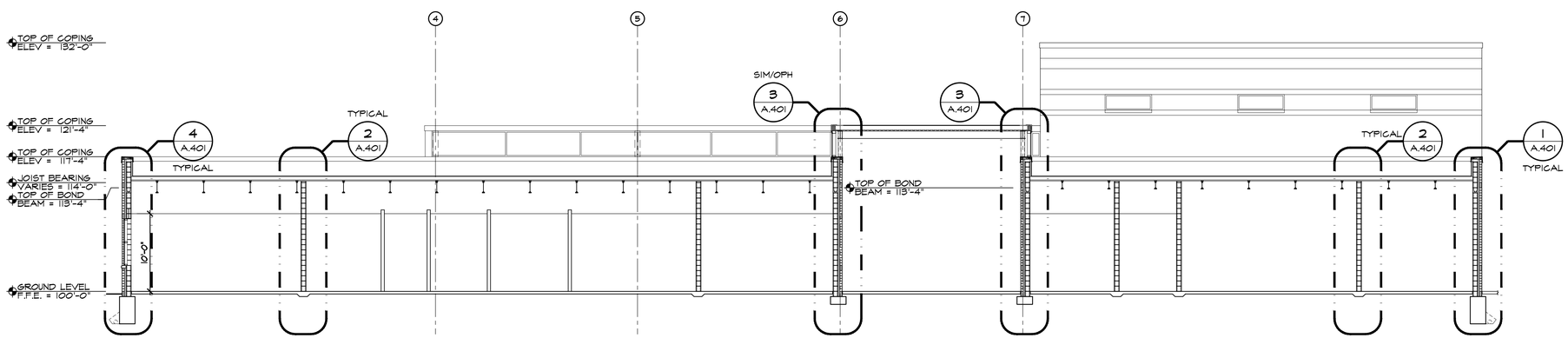

A / A.101 BUILDING SECTION
SCALE: 1/8"= 1'-0"

ALL EXPOSED STEEL TO MEET AESS PER AISC STANDARDS. REFER TO STRUCTURAL.

ISSUED FOR	DATE
PERMITS	08.17.2022

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DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

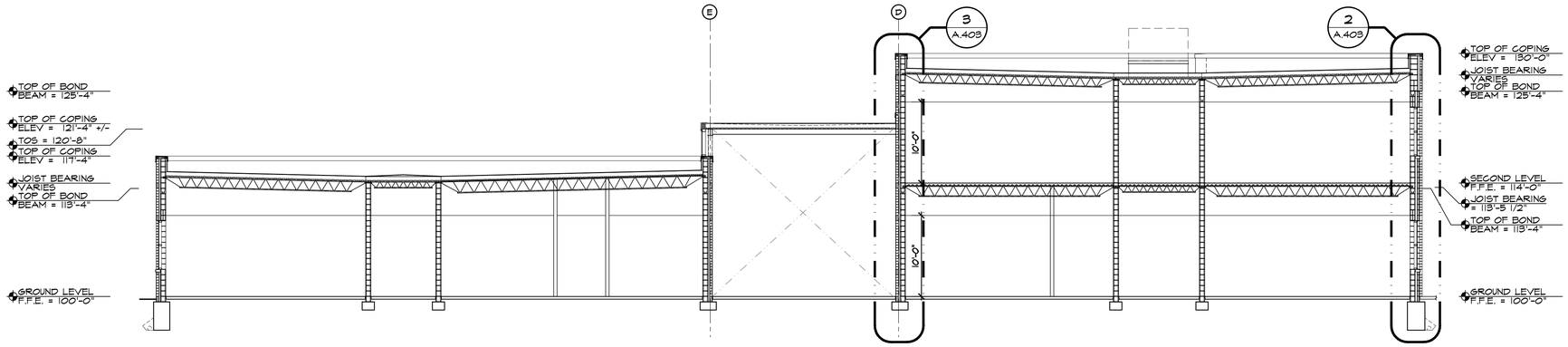
FILE NAME : 22010_A301

JOB #: 22010

SHEET TITLE
BUILDING SECTIONS

SHEET #
A.301

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT



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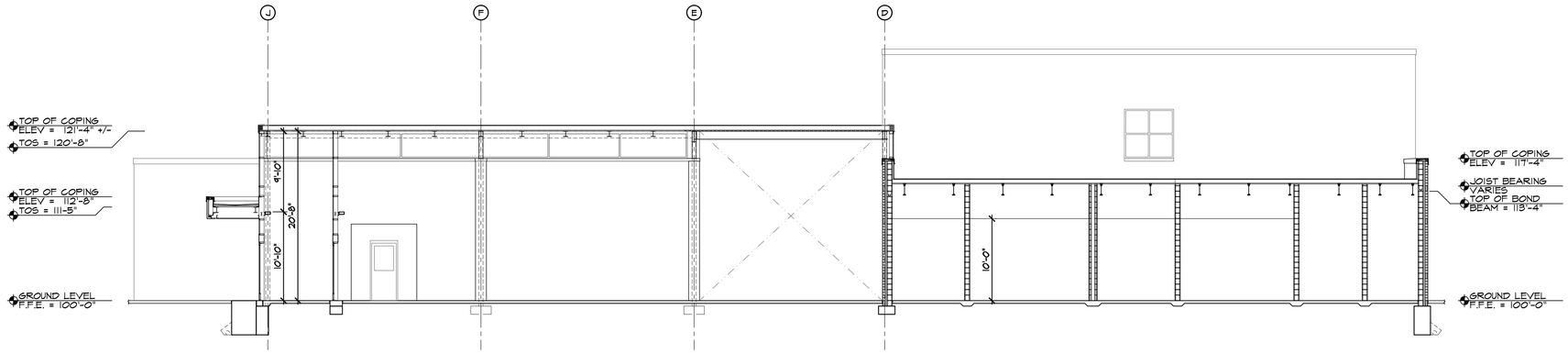

E A.101 BUILDING SECTION
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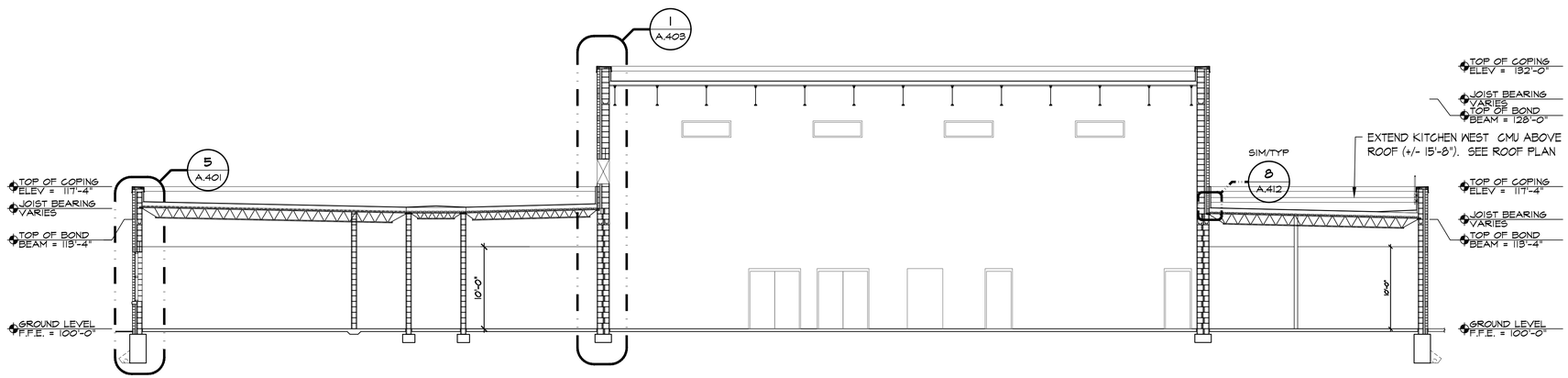

D A.101 BUILDING SECTION
SCALE: 1/8"= 1'-0"

ALL EXPOSED STEEL TO MEET AESS PER AISC STANDARDS. REFER TO STRUCTURAL.

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
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NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SGA	GA	GA

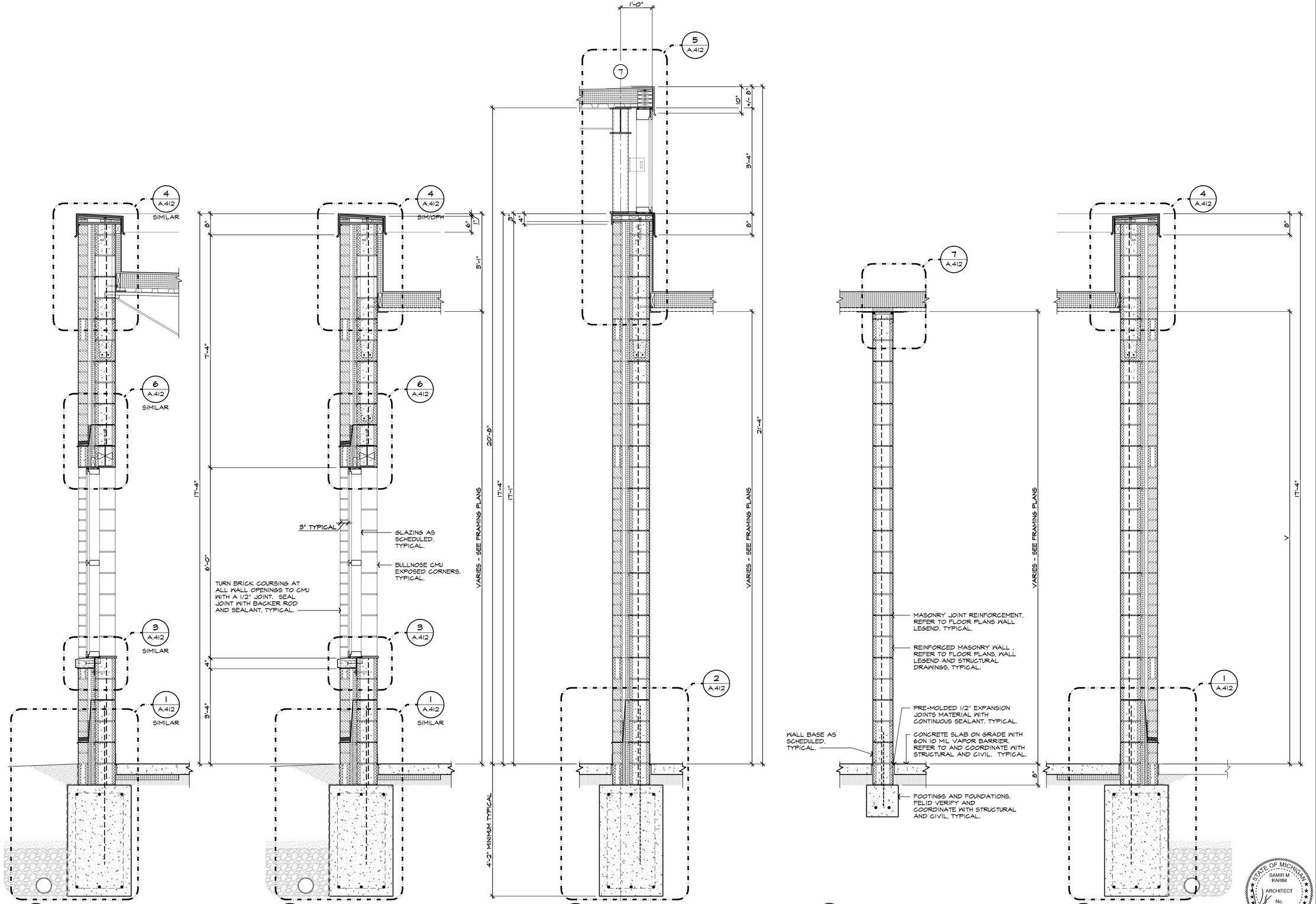
SCALE :

FILE NAME : 22010_A302

JOB #: 22010

SHEET TITLE
BUILDING SECTIONS

SHEET #
A.302



5 A.302 WALL SECTION
SCALE: 3/4"= 1'-0"

4 A.301 WALL SECTION
SCALE: 3/4"= 1'-0"

3 A.301 WALL SECTION
SCALE: 3/4"= 1'-0"

2 A.301 WALL SECTION
SCALE: 3/4"= 1'-0"

WHERE ITEMS ARE NOTED AND / OR DIMENSIONED ON ONE SECTION / DETAIL ARE APPLICABLE TO OTHER SECTIONS / DETAILS ON THIS SHEET.

1 A.301 WALL SECTION
SCALE: 3/4"= 1'-0"

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DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A401

JOB #: 22010

SHEET TITLE
WALL SECTIONS

SHEET #
A.401

STATE OF MICHIGAN
SAMIR M KARIM
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No. 1301038452
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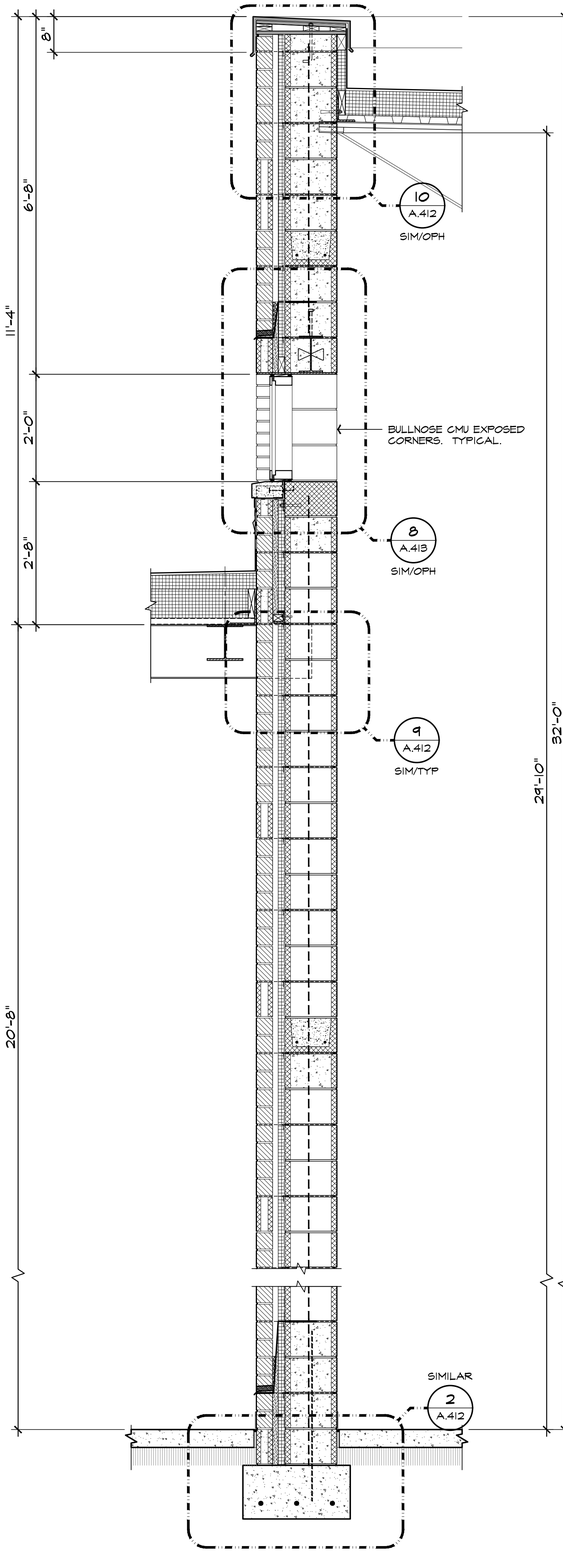
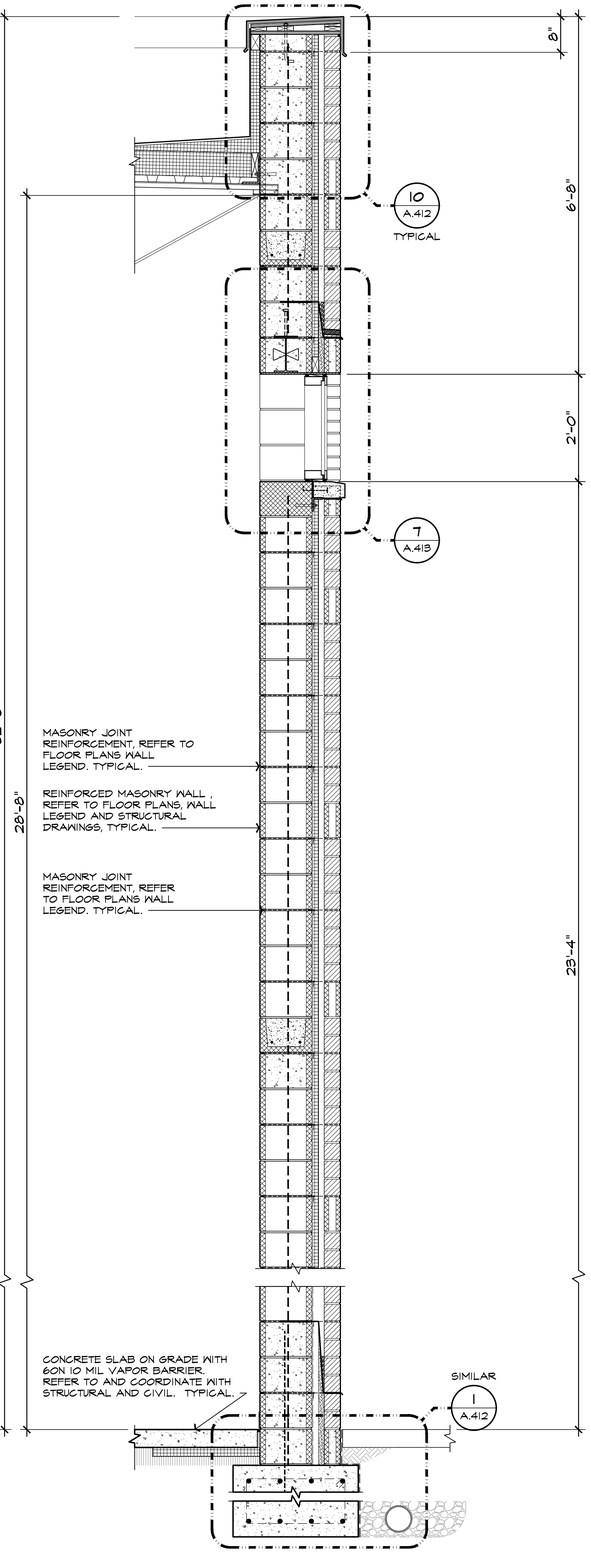


4 A.301 WALL SECTION
SCALE: 3/4"= 1'-0"



3 A.301 WALL SECTION
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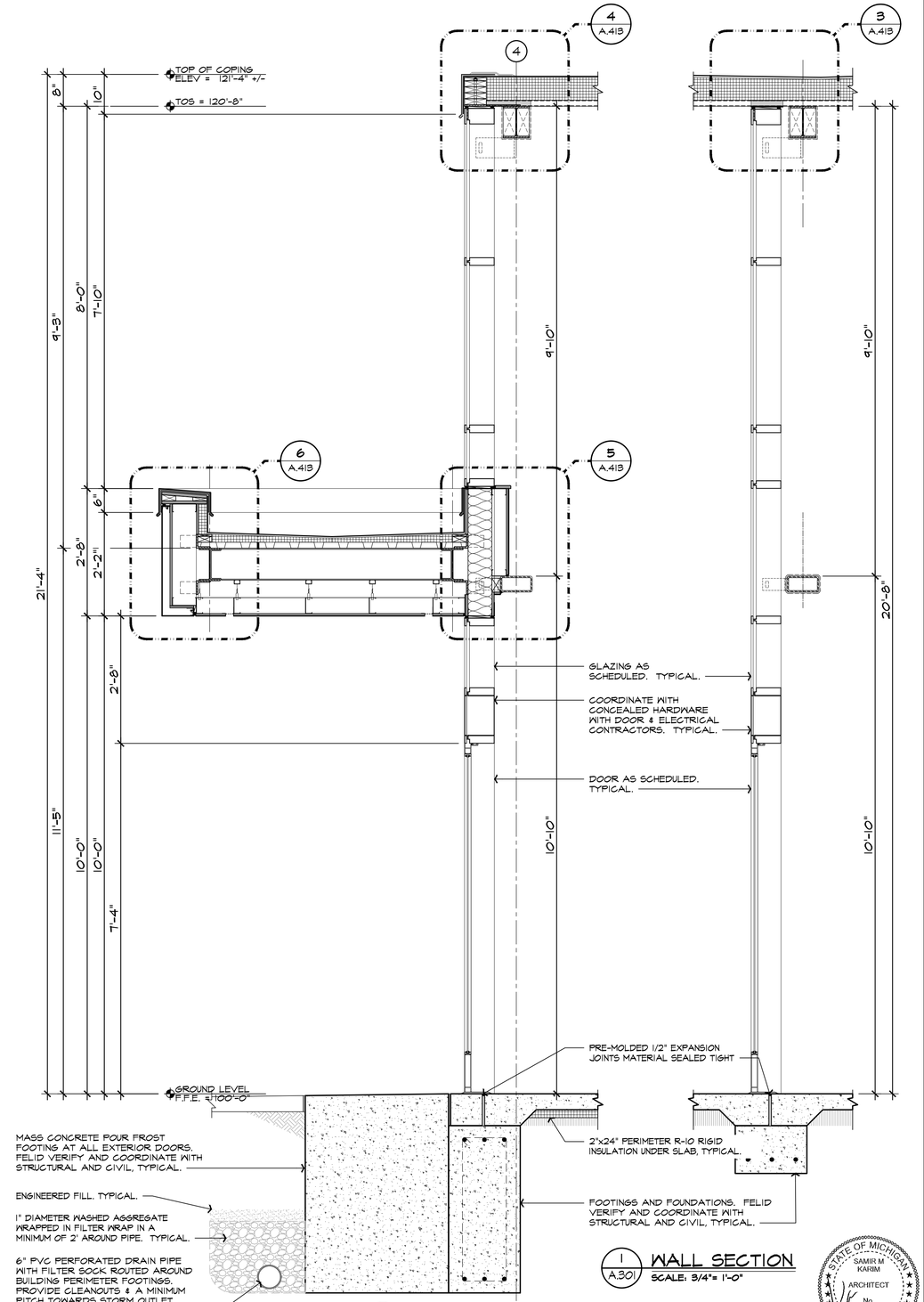

1 A.301 WALL SECTION
SCALE: 3/4"= 1'-0"

2 A.301 WALL SECTION
SCALE: 3/4"= 1'-0"

WHERE ITEMS ARE NOTED AND / OR DIMENSIONED ON ONE SECTION / DETAIL ARE APPLICABLE TO OTHER SECTIONS / DETAILS ON THIS SHEET.

STATE OF MICHIGAN
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DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

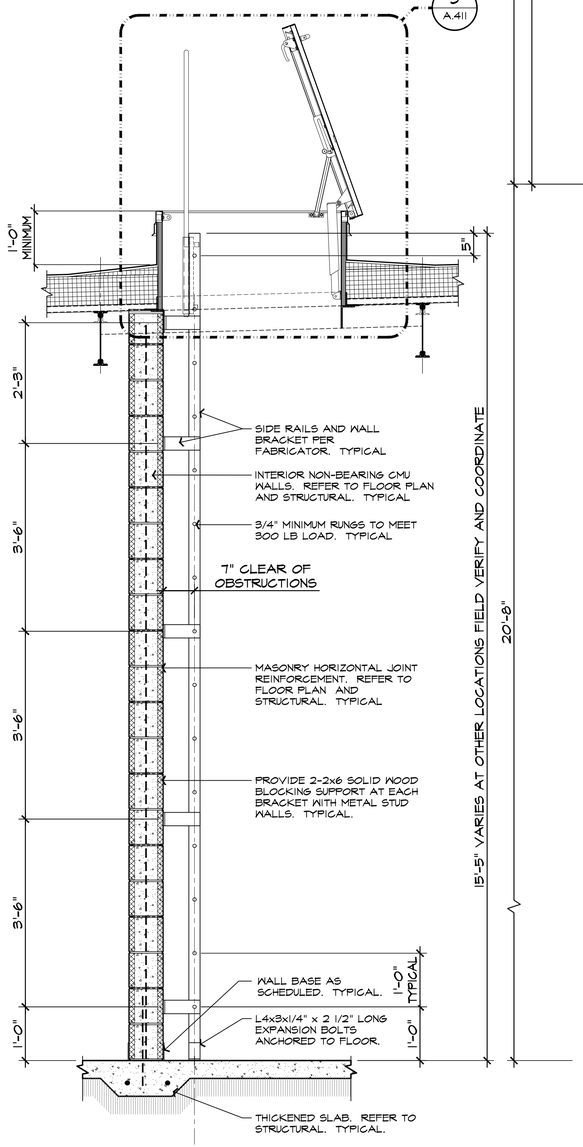
SCALE :

FILE NAME : 22010_A402

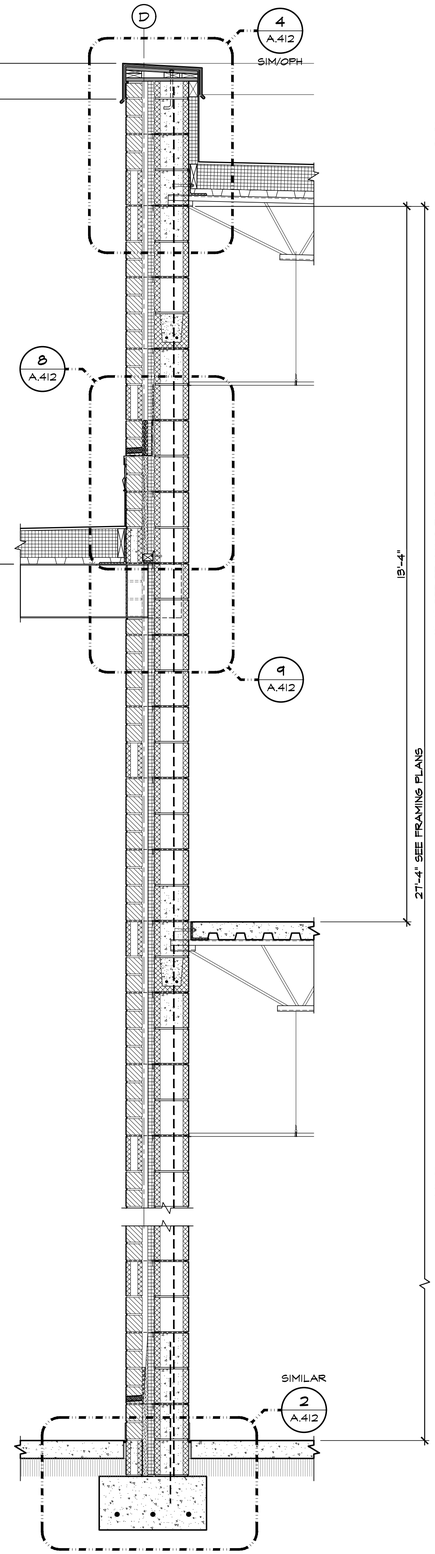
JOB #: 22010

SHEET TITLE
WALL SECTIONS

SHEET #
A.402



4 A.101 WALL SECTION
SCALE: 3/4"= 1'-0"



3 A.301 WALL SECTION
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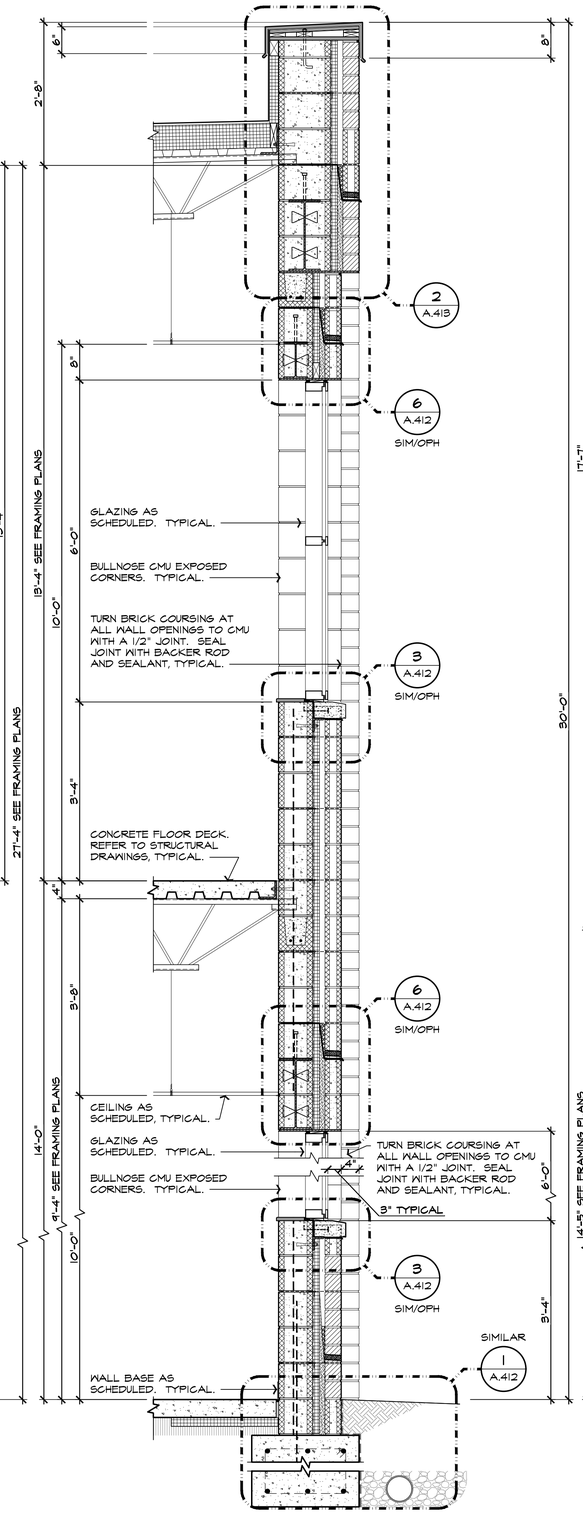

2 A.301 WALL SECTION
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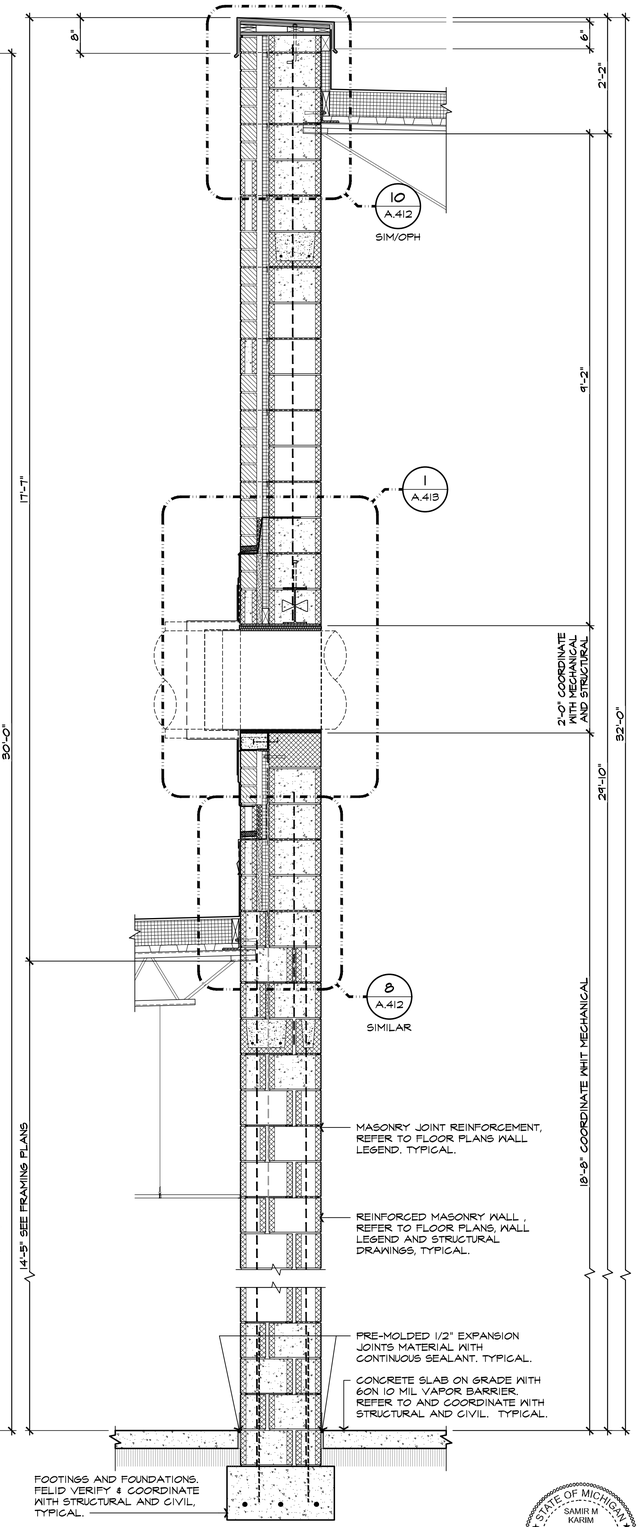

1 A.301 WALL SECTION
SCALE: 3/4"= 1'-0"

WHERE ITEMS ARE NOTED AND / OR DIMENSIONED ON ONE SECTION / DETAIL ARE APPLICABLE TO OTHER SECTIONS / DETAILS ON THIS SHEET.

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

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GAV ASSOCIATES

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TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
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TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

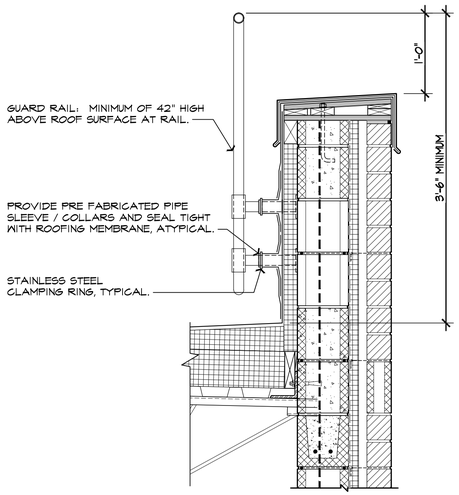
SCALE :

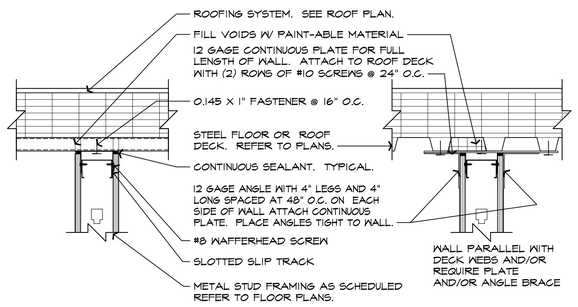
FILE NAME : 22010_A403

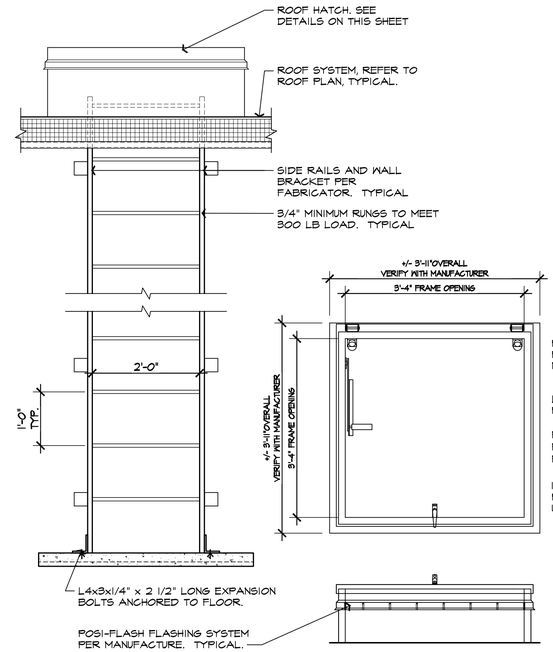
JOB #: 22010

SHEET TITLE
WALL SECTIONS

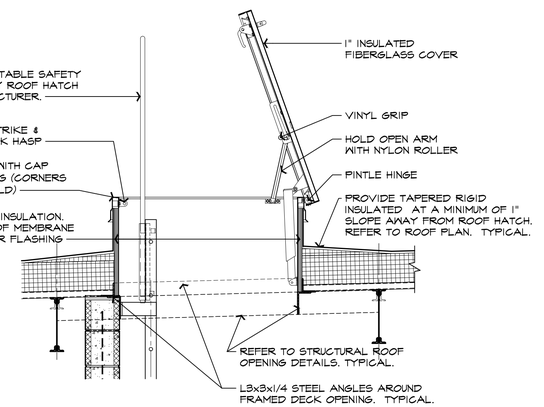
SHEET #
A.403

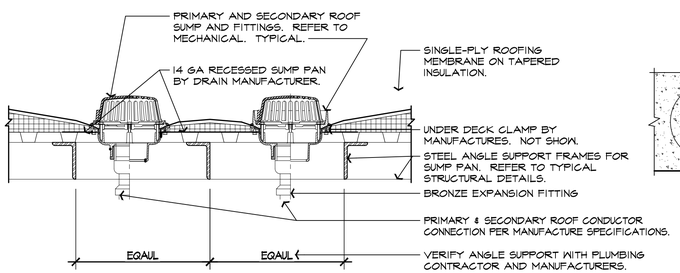




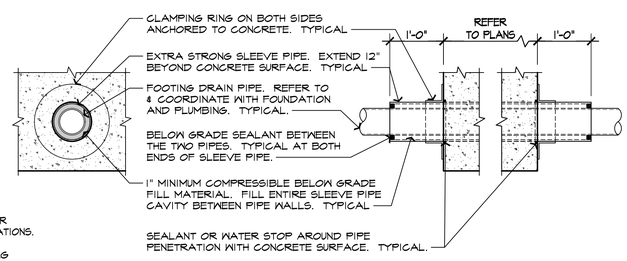


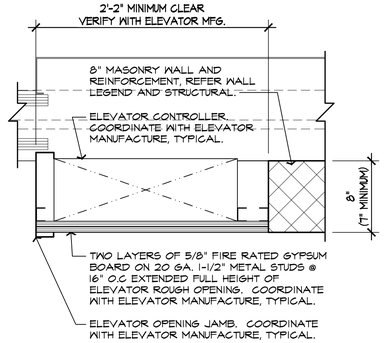
REFER TO ROOF PLAN FOR LOCATIONS AND SIZES OF ALL ROOF HATCHES

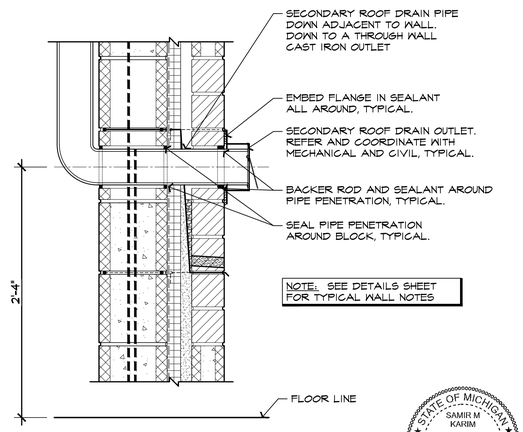




1. G.C. / C.M. TO COORDINATE WITH MECHANICAL ALL REQUIREMENTS TO ENSURE PROPER WATERTIGHT INSTALLATION.
2. REFER TO ROOF PLAN AND MECHANICAL FOR PRODUCT TYPE AND REQUIREMENTS







NOTE: SEE DETAILS SHEET FOR TYPICAL WALL NOTES

WHERE ITEMS ARE NOTED AND / OR DIMENSIONED ON ONE SECTION / DETAIL ARE APPLICABLE TO OTHER SECTIONS / DETAILS ON THIS SHEET.

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN

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TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

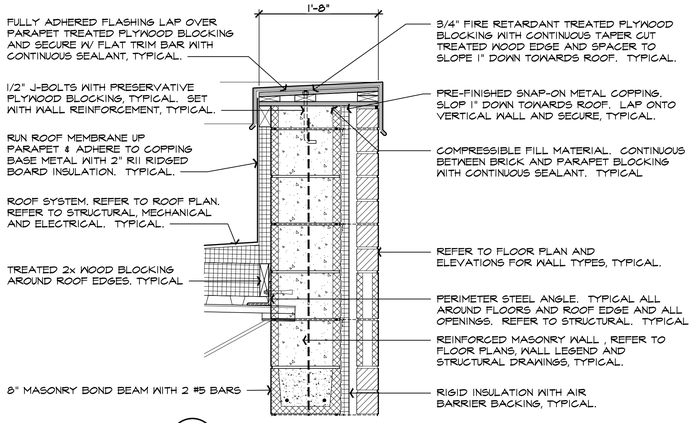
SCALE :

FILE NAME : 22010_A411

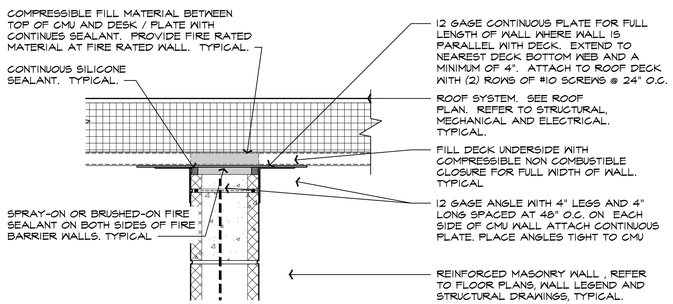
JOB #: 22010

SHEET TITLE
SECTION DETAILS

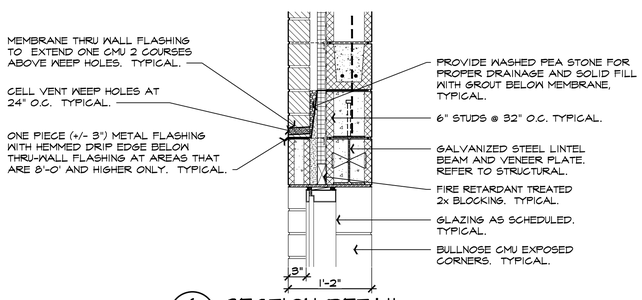
SHEET #
A.411



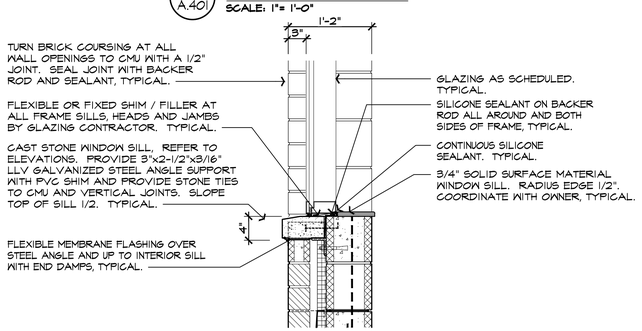
10 A.402 SECTION DETAIL
SCALE: 1 1/2"= 1'-0"



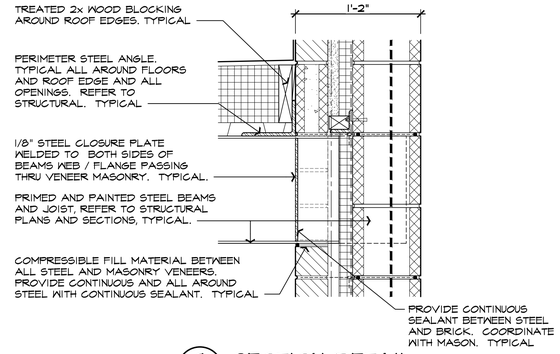
7 A.401 SECTION DETAIL
SCALE: 1 1/2"= 1'-0"



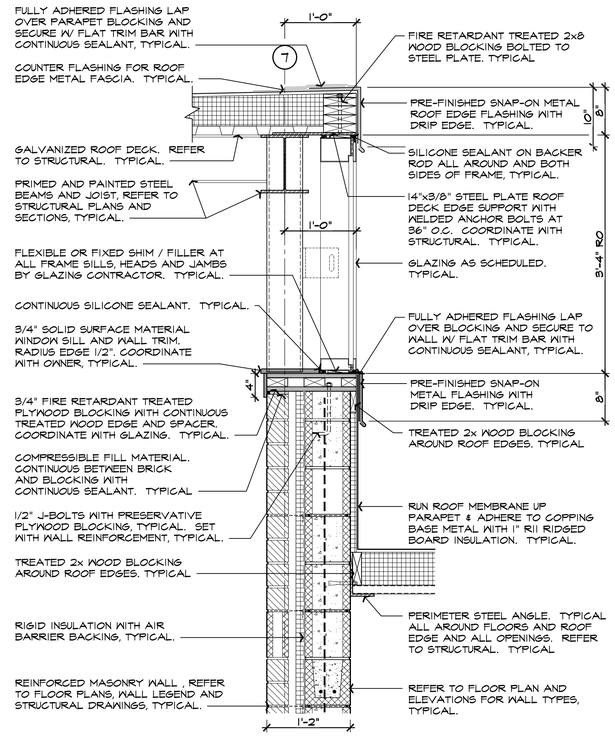
6 A.401 SECTION DETAIL
SCALE: 1"= 1'-0"



3 A.401 SECTION DETAIL
SCALE: 1"= 1'-0"

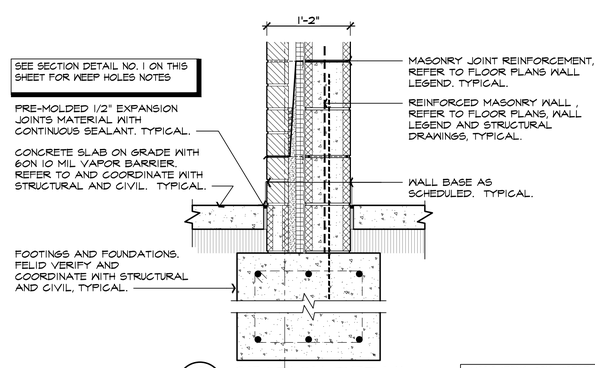


9 A.401 SECTION DETAIL
SCALE: 1 1/2"= 1'-0"



5 A.401 SECTION DETAIL
SCALE: 1"= 1'-0"

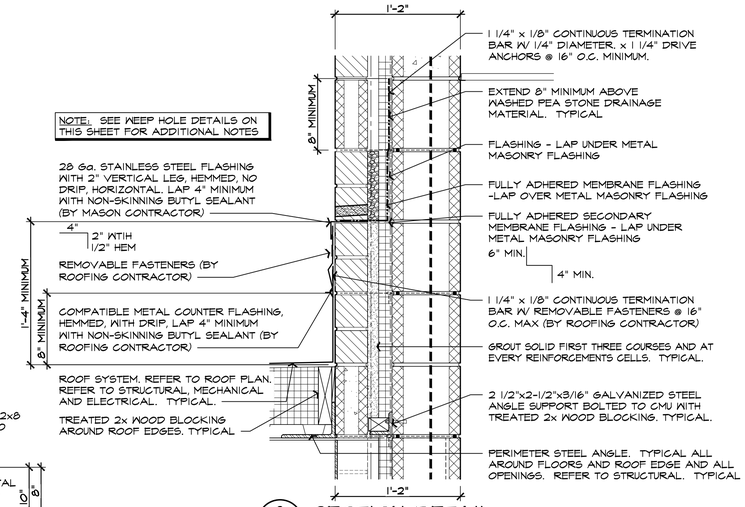
SEE SECTION DETAIL NO. 1 ON THIS SHEET FOR WEEP HOLES NOTES



2 A.401 SECTION DETAIL
SCALE: 1"= 1'-0"

WHERE ITEMS ARE NOTED AND / OR DIMENSIONED ON ONE SECTION / DETAIL ARE APPLICABLE TO OTHER SECTIONS / DETAILS ON THIS SHEET.

NOTE: SEE WEEP HOLE DETAILS ON THIS SHEET FOR ADDITIONAL NOTES



8 A.401 SECTION DETAIL
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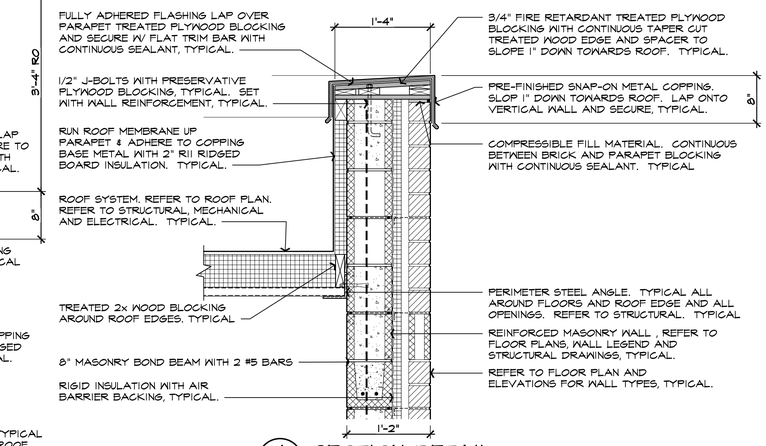

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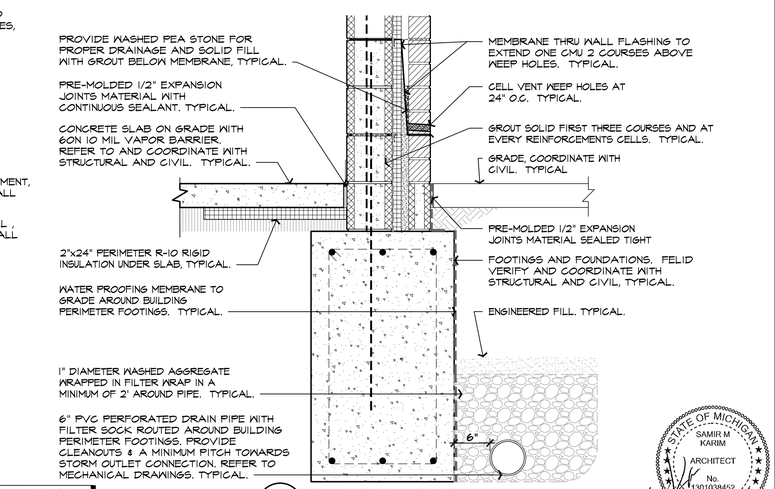


1 A.401 SECTION DETAIL
SCALE: 1"= 1'-0"

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

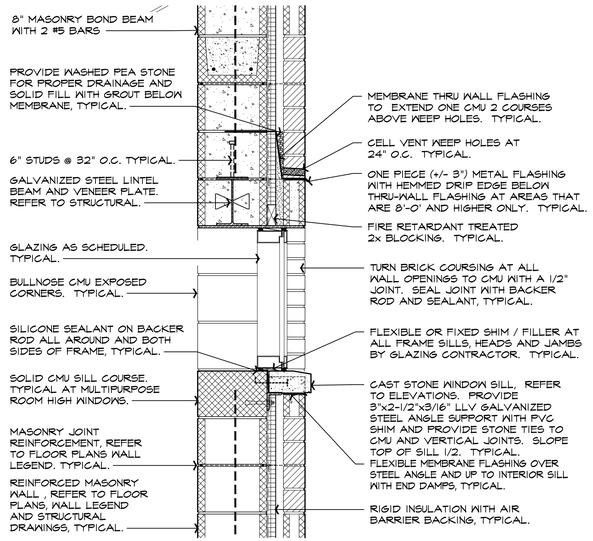
SCALE :

FILE NAME : 22010_A412

JOB #: 22010

SHEET TITLE
SECTION DETAILS

SHEET #
A.412



7 A.402 SECTION DETAIL
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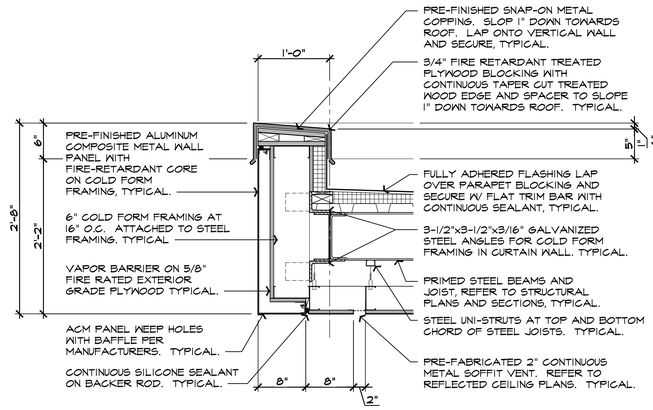

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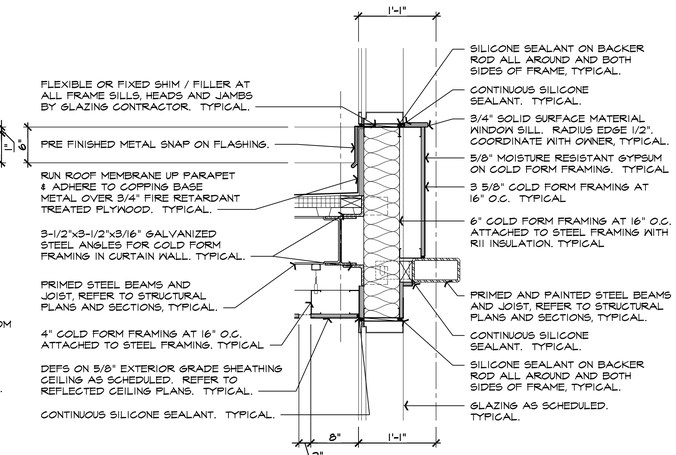

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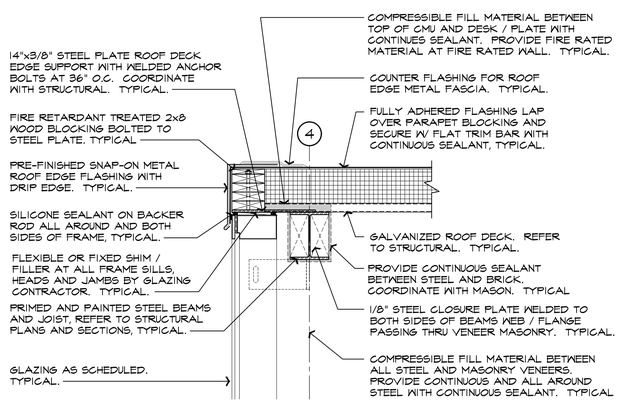

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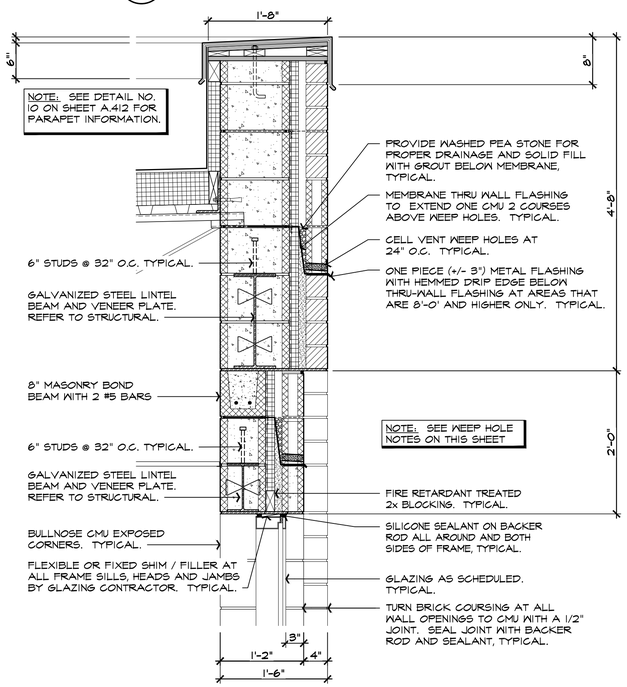

2 A.401 SECTION DETAIL
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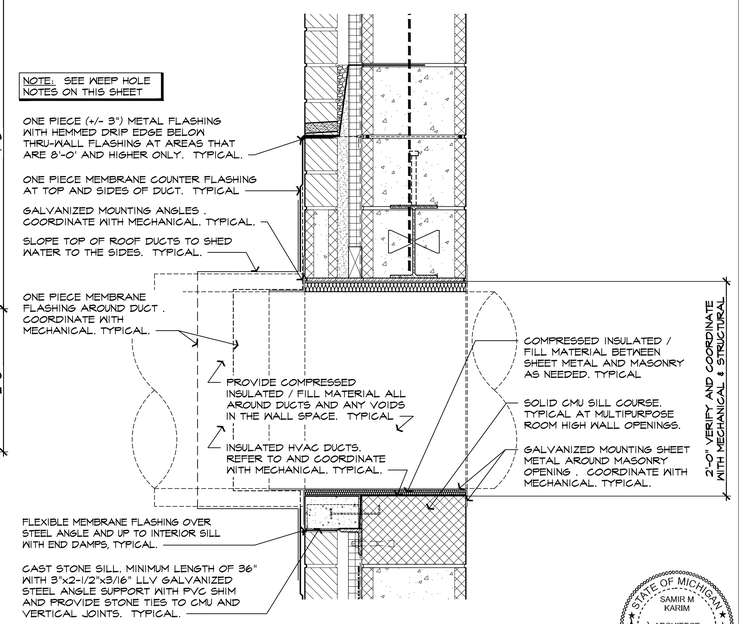

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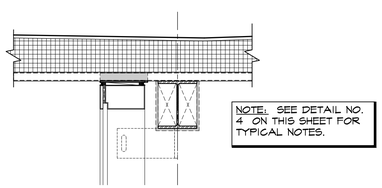

3 A.402 SECTION DETAIL
SCALE: 1"= 1'-0"

WHERE ITEMS ARE NOTED AND / OR DIMENSIONED ON ONE SECTION / DETAIL ARE APPLICABLE TO OTHER SECTIONS / DETAILS ON THIS SHEET.

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

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PERMITS	08.17.2022

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FARMINGTON, MICHIGAN 48336
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WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

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TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
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DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

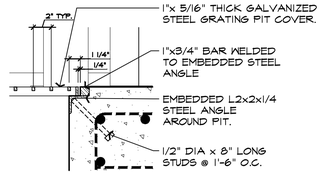
SCALE :

FILE NAME : 22010_A413

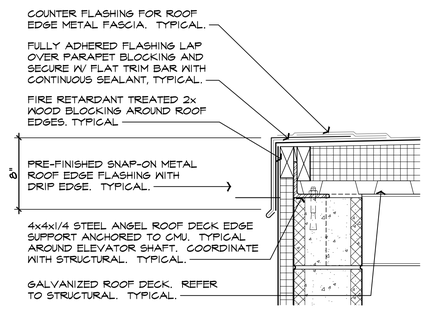
JOB #: 22010

SHEET TITLE
SECTION DETAILS

SHEET #
A.413



6 A.461 TYPICAL DETAIL FOR ALL SUMP PUMP PITS SECTION DETAIL
SCALE: 1 1/2"= 1'-0"



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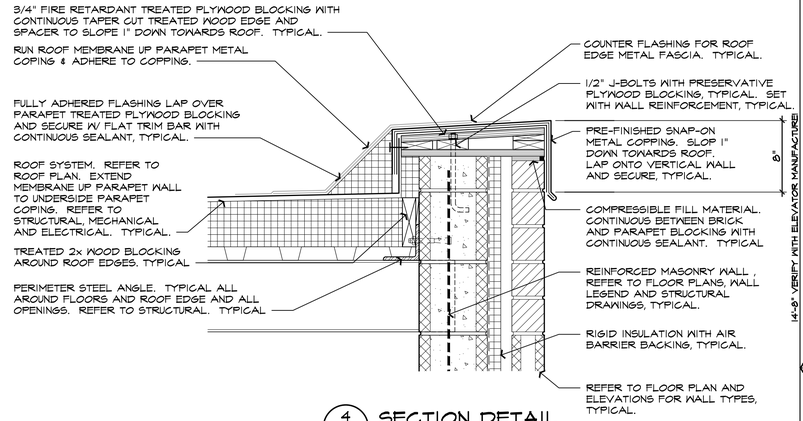

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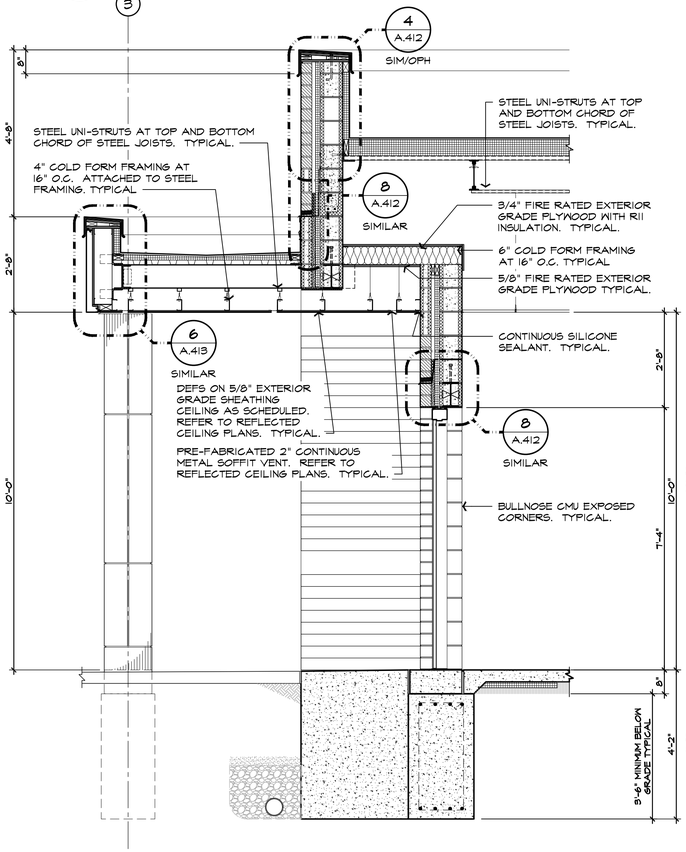
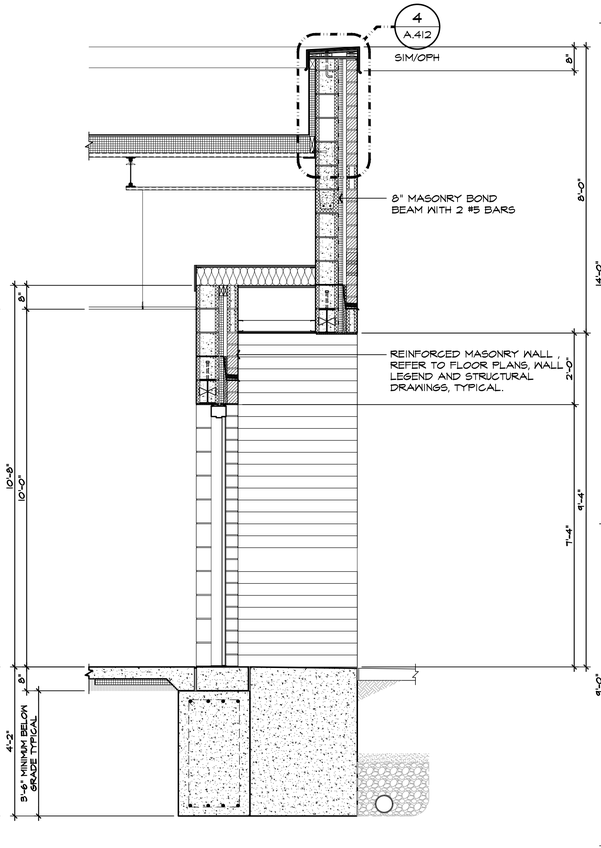


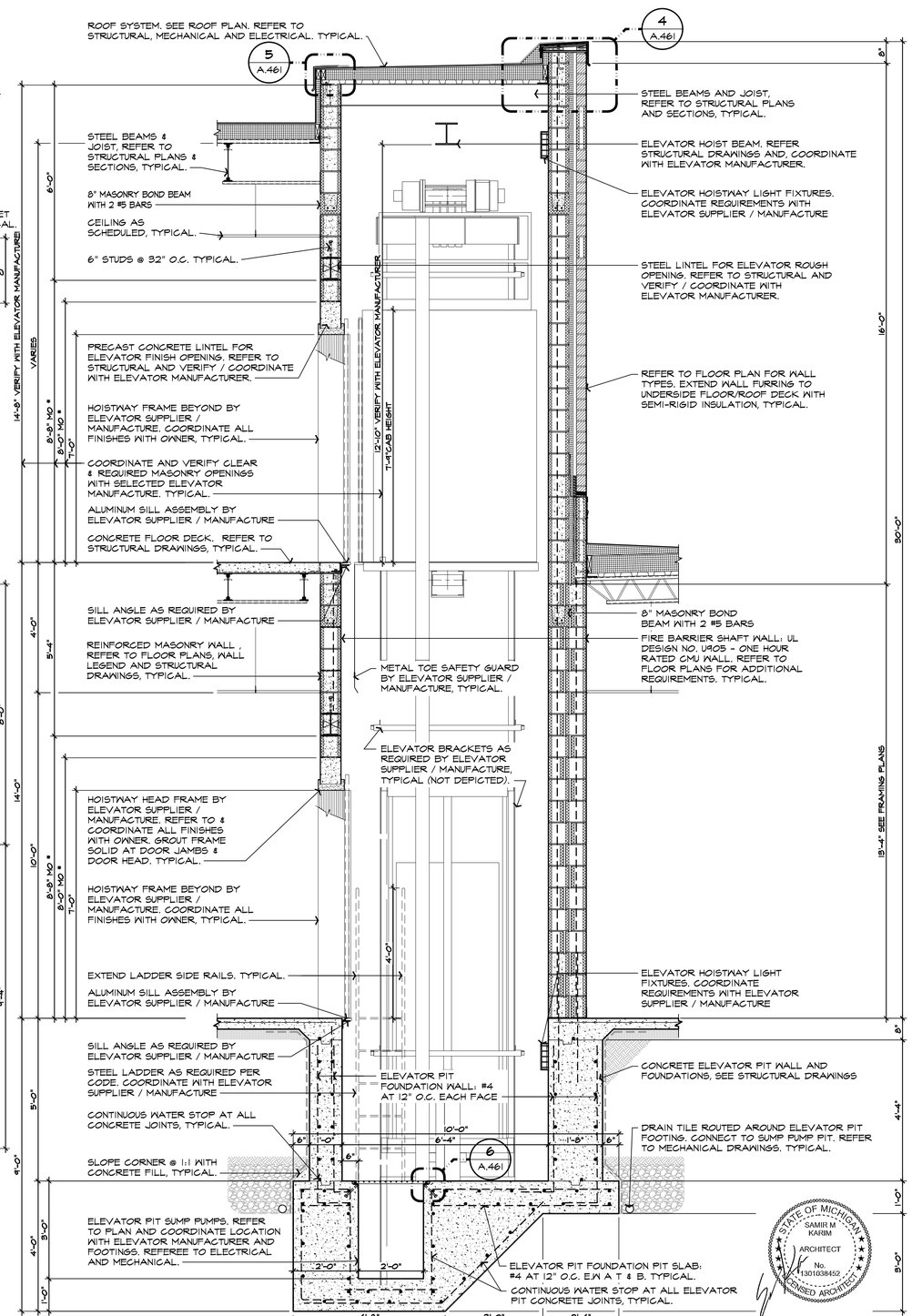
3 A.101 WALL SECTION
SCALE: 1/2"= 1'-0"



2 A.101 WALL SECTION
SCALE: 1/2"= 1'-0"

TYPICAL FOUNDATIONS WATER PROOFING NOTE:
PROVIDE BELOW GRADE WATER PROOFING MEMBRANE AND PROTECTION BOARD. REFER TO FOUNDATION PLAN. TYPICAL AROUND ENTIRE BUILDING AND BELOW GRADE WALLS FULL HEIGHT.

COORDINATE ALL ELEVATOR REQUIREMENTS WITH ELEVATOR SUPPLIER AND WITH ARCHITECTURAL, MEP AND STRUCTURAL DRAWINGS. SUBMIT ALL ELEVATOR FINISHES, INCLUDING CAB, TO OWNER FOR REVIEW AND APPROVAL.



1 A.101 WALL SECTION
SCALE: 1/2"= 1'-0"

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STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

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PERMITS	08.17.2022

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FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

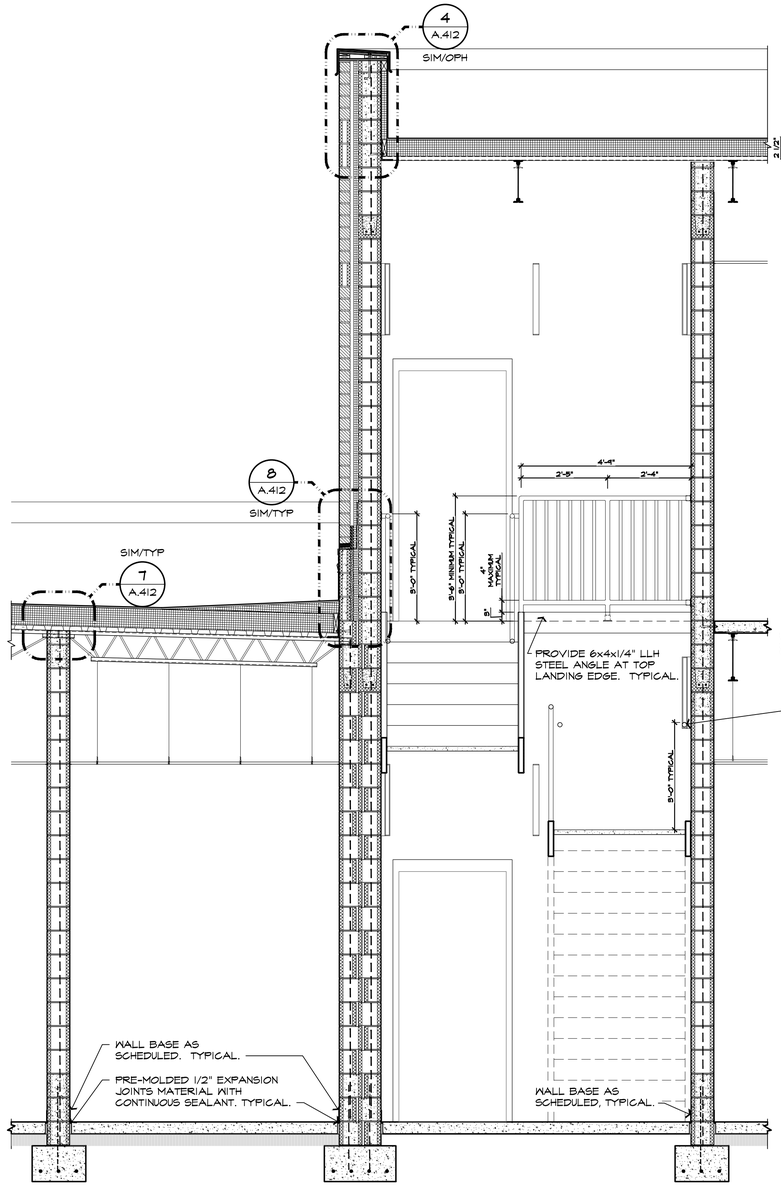
SCALE :

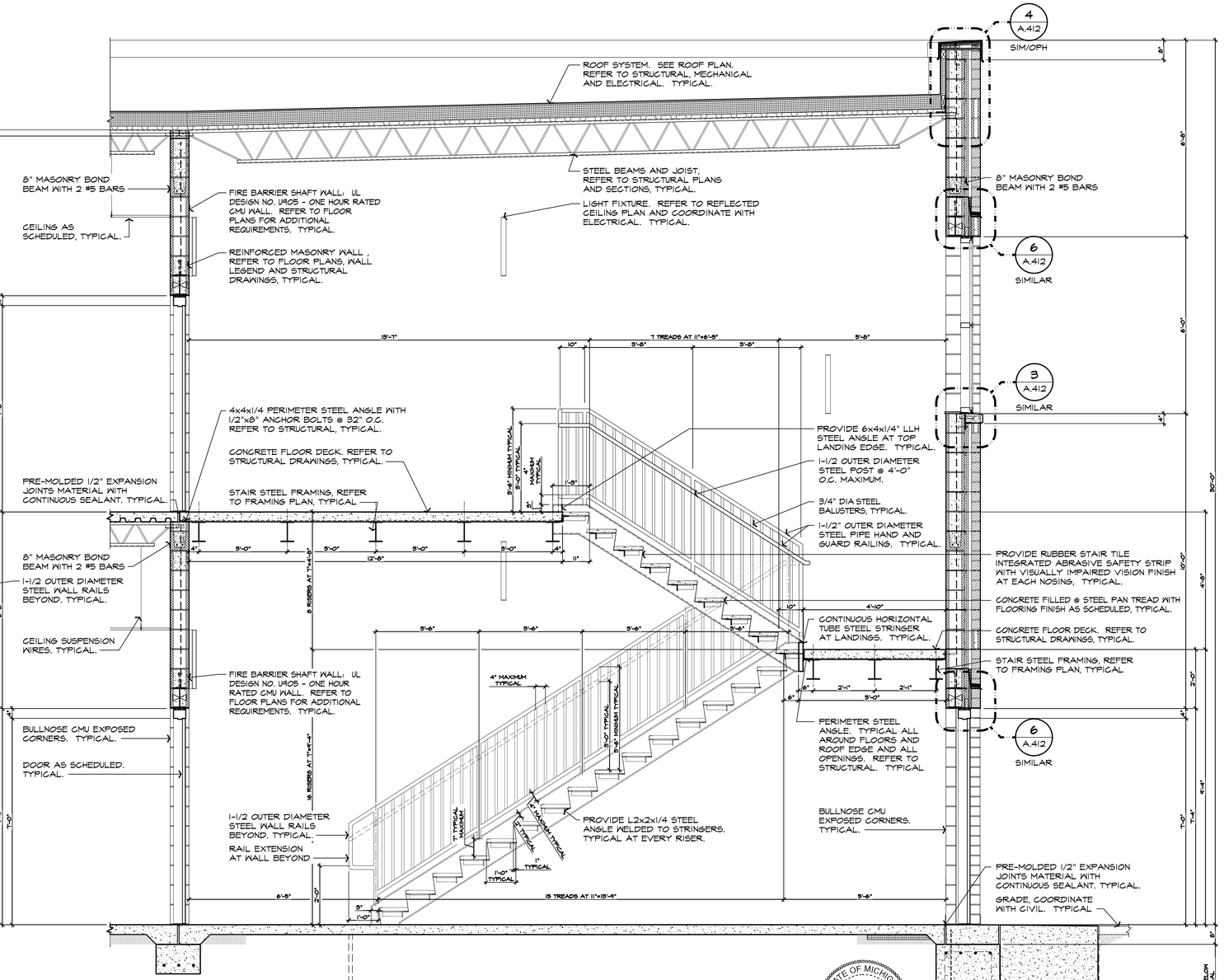
FILE NAME : 22010_A461

JOB #: 22010

SHEET TITLE
ELEVATOR SECTIONS

SHEET #
A.461





STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

2 / A.101 **WALL SECTION**
SCALE: 1/2"= 1'-0"

ALL EXPOSED STEEL TO MEET AESS PER AISC STANDARDS. REFER TO STRUCTURAL.

1 / A.101 **WALL SECTION**
SCALE: 1/2"= 1'-0"

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GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	SA	SA

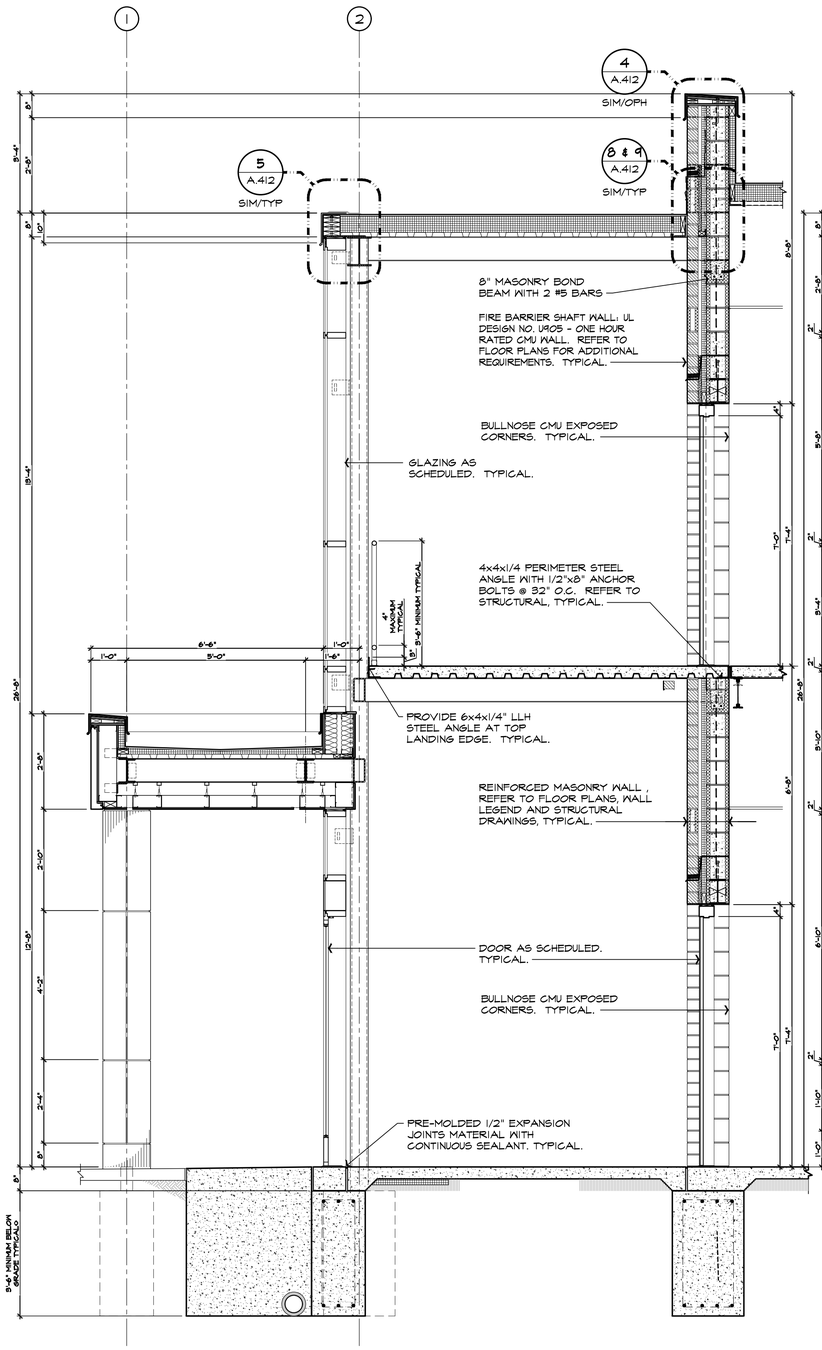
SCALE :

FILE NAME : 22010_A462

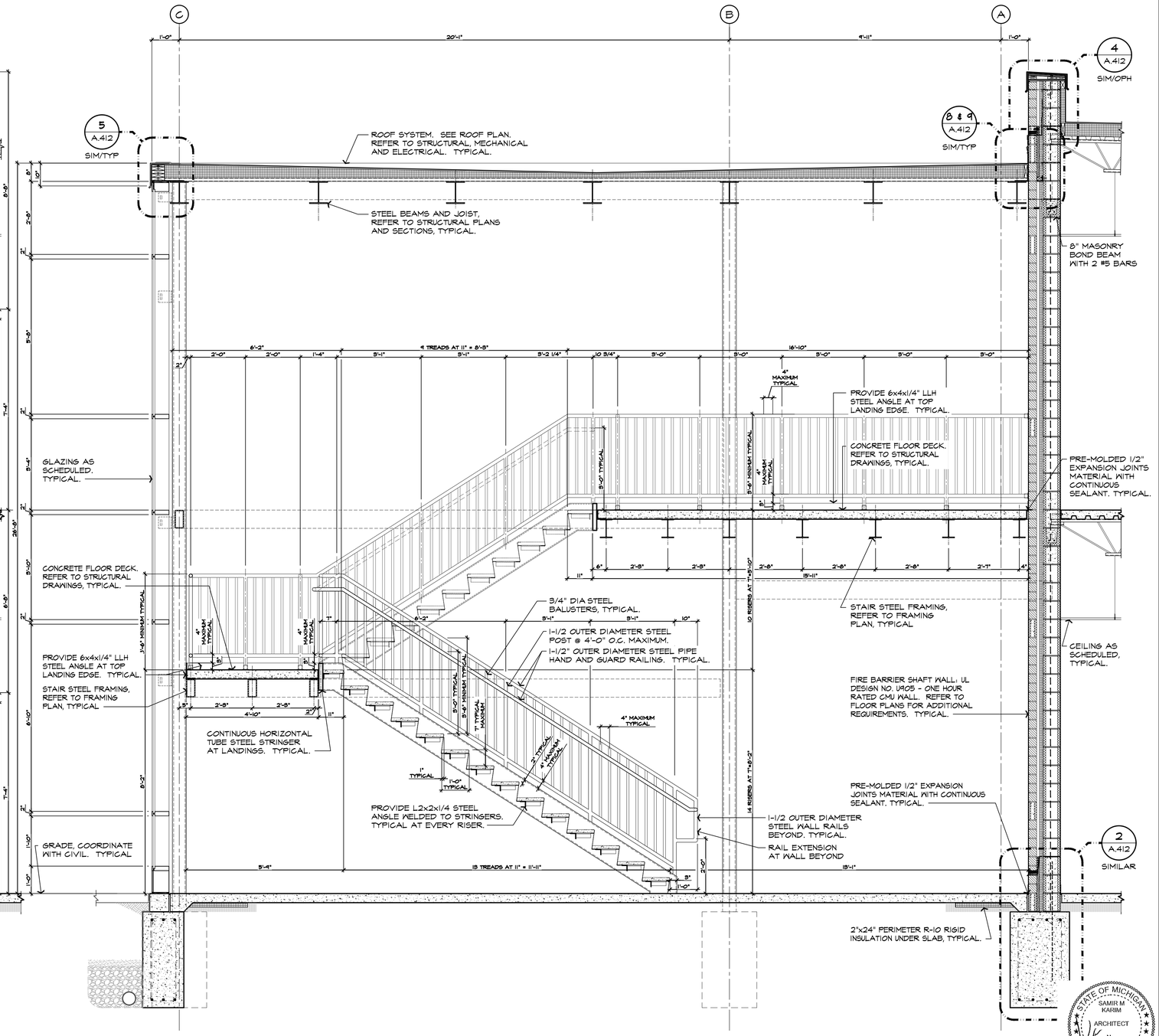
JOB #: 22010

SHEET TITLE
STAIRS SECTIONS

SHEET #
A.462



2 A.101 **WALL SECTION**
SCALE: 1/2"= 1'-0"



1 A.101 **WALL SECTION**
SCALE: 1/2"= 1'-0"

ALL EXPOSED STEEL TO MEET AESS PER AISC STANDARDS. REFER TO STRUCTURAL.

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FARMINGTON, MICHIGAN 48336
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NOOR INTERNATIONAL ACADEMY
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TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A463

JOB #: 22010

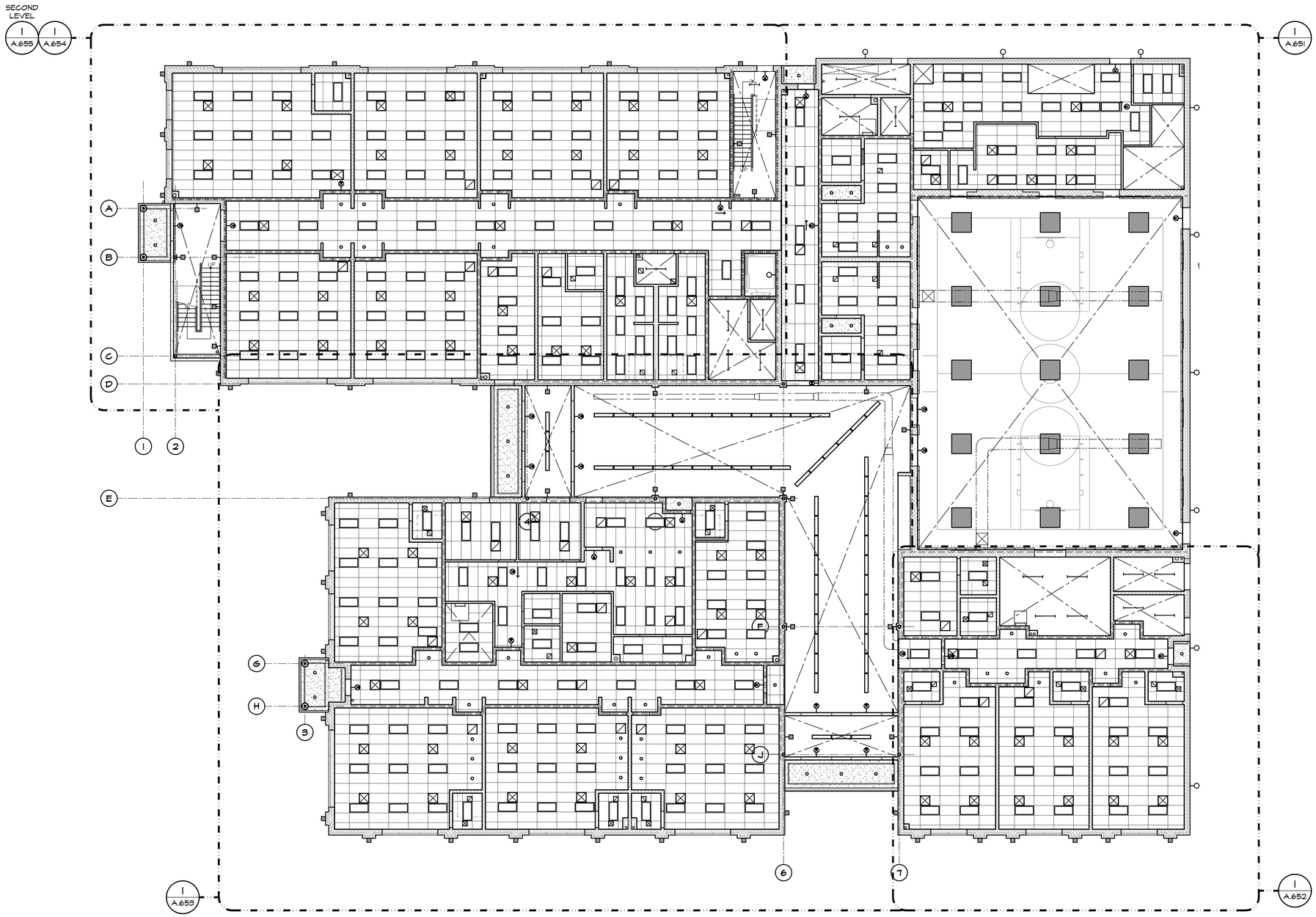
SHEET TITLE
STAIRS SECTIONS

SHEET #
A.463

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

REFLECTED CEILING PLANS GENERAL NOTES:

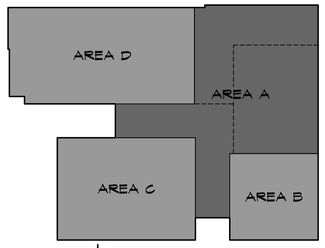
1. ALL INTERIOR FINISHES SHALL COMPLY WITH THE 2015 MBC AND ANY APPLICABLE CODES.
2. CEILING IS RETURN AIR PLENUM IN SOME ROOMS PER MECHANICAL. ALL WALLS TO BE EXTENDED TO UNDERSIDE OF FLOOR OR ROOF DECK AND SEALED.
3. COORDINATE ALL CEILING HEIGHT WITH MECHANICAL, ELECTRICAL AND FIRE PROTECTION DRAWINGS AND CONTRACTORS.
4. COORDINATE ALL CEILING HEIGHTS WITH WINDOW SIZE AND CONTRACTOR.
5. PROVIDE OWNER 5% ATTIC STOCK OF CEILING SYSTEM AND FINISHES.
6. INSTALL IN THE DIRECTION AND SPACING SHOWN ON THESE PLANS. NOTIFY ARCHITECT FOR CONFLICTS.
7. COORDINATE LOCATION OF ALL CEILING ITEMS WITH MECHANICAL AND ELECTRICAL DRAWINGS.
8. NOT ALL CEILING ITEMS ARE SHOWN. ITEMS SHOWN ARE CRITICAL TO VISUAL EFFECT AND REQUIRE COORDINATION AMONG TRADES TO MEET ARCHITECTURAL CRITERIA.
9. CENTER ALL CEILING ITEMS, RECESSED LIGHT FIXTURES, DIFFUSERS, ETC. WITHIN CEILING TILE UNLESS SHOWN OTHERWISE.
10. REFER TO ELECTRICAL AND MECHANICAL FOR ADDITIONAL INFORMATION.
11. ANY CEILING ITEMS TO BE SUPPORTED / HUNG FROM A STRUCTURAL MEMBER OR STEEL UNI-STRUTS AND NOT FROM FLOOR OR ROOF DECKING MATERIAL.
12. PROVIDE ACCESS DOORS WITH RECESSED FRONT PANEL FOR GYPSUM BOARD INSTALLATIONS AS REQUIRED FOR DUCT DETECTORS AND ABOVE CEILING JUNCTION BOXES. CONTRACTOR TO SUBMIT CEILING ACCESS DOOR PLAN AND PRODUCT INFORMATION TO ARCHITECT FOR APPROVAL.



NORTH

GROUND LEVEL REFLECTED CEILING PLAN

SCALE: 3/32"= 1'-0"



NORTH

KEY PLAN

NO SCALE

ISSUED FOR	DATE
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TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A601

JOB #: 22010

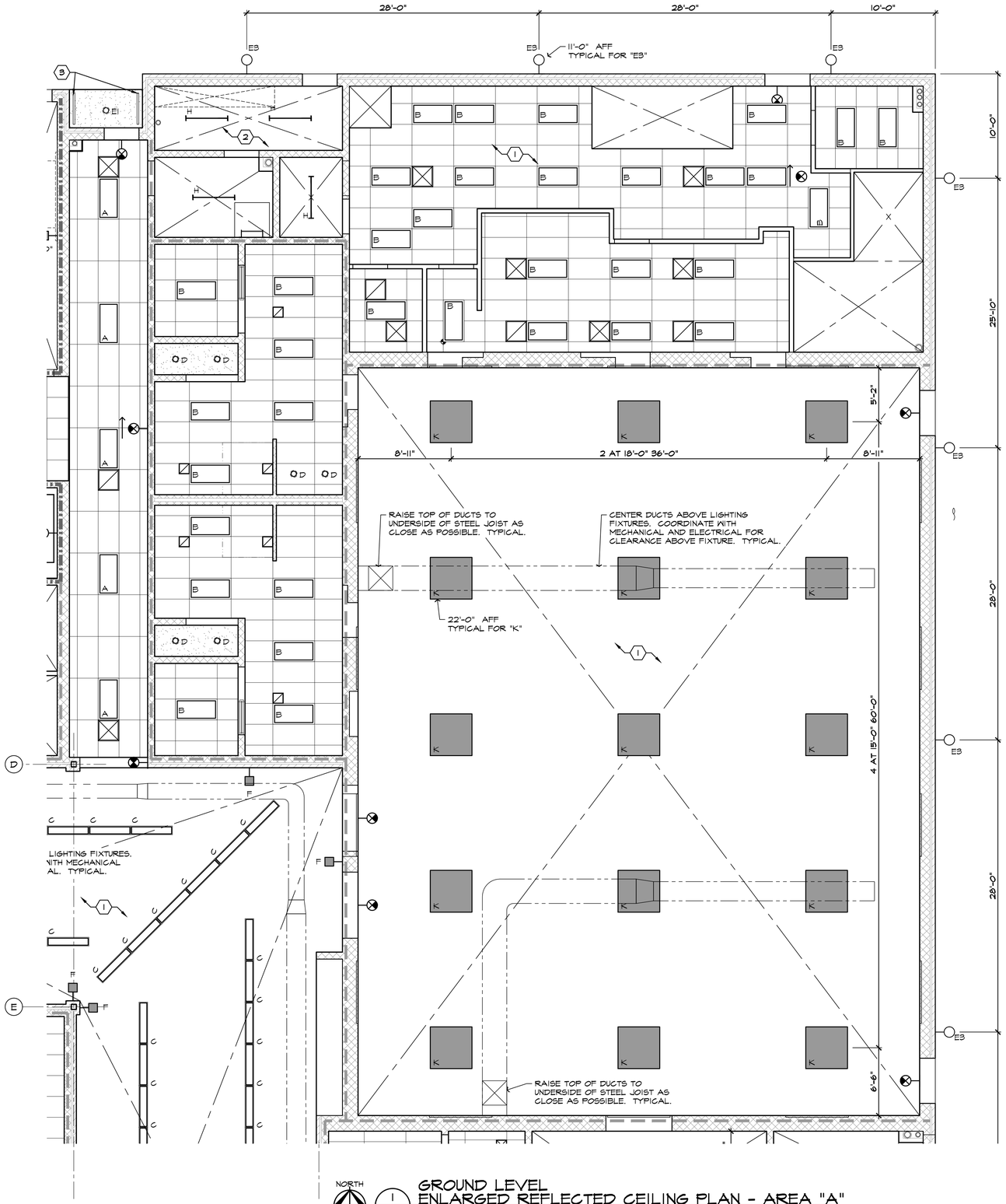
SHEET TITLE

GROUND LEVEL REFLECTED CEILING PLAN

SHEET #

A.601

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT



NORTH

1 A.101

GROUND LEVEL ENLARGED REFLECTED CEILING PLAN - AREA "A"

SCALE: 3/16"= 1'-0"

REFLECTED CEILING PLANS NOTE LEGEND:

1. CENTER FIXTURE WITH CEILING GRID INTERSECTION.
2. CENTER GRID EQUALLY WITH A ROOM, TYPICAL.
3. PRE-FABRICATED 2" CONTINUOUS SOFFIT VENT. REFER TO SECTION DETAILS.
4. METAL PANEL FASCIA TO SOFFIT RETURN. REFER TO SECTIONS AND DETAILS. TYPICAL.
5. GENERAL LOCATION OF LOW VOLTAGE CONDUITS/SLEEVES BY OTHERS. COORDINATE WITH OWNER. LOCATE CONDUIT AT CEILINGS STRUCTURE DIRECTLY UNDER A BEAM.

CEILING LEGEND:

REFER TO SHEETS A.601 AND A.602 FOR ADDITIONAL CEILINGS INFORMATION.

ACT-1: 2' X 4' LAY-IN ACOUSTICAL TILE CEILING

ACT-2: 2' X 4' LAY-IN VINYL CLAD MOISTURE RESISTANT ACOUSTICAL TILE CEILING

INTERIOR CEILINGS: GYPSUM CEILING ON METAL SUSPENSION SYSTEM: 1/2" GYPSUM BOARD ON 18 GA - 3 5/8" (AND AS NOTED ON SECTIONS / DETAILS) METAL FRAMING AT 16" O.C., TYPICAL. REFER TO SIMILAR DETAILS. U.N.O.

EXTERIOR CEILINGS: DEFS ON 5/8" EXTERIOR GRADE SHEATHING CEILING SYSTEM ON COLD FORMED METAL FRAMING. REFER TO DETAILS. U.N.O.

A — 2'x4' LED LIGHT FIXTURE - GENERAL (SHADE = NIGHT LIGHT)

B — 2'x4' LED LIGHT FIXTURE - KITCHEN AREA (SHADE = NIGHT LIGHT)

C — 1'x4' LED LIGHT FIXTURE (SHADE = NIGHT LIGHT)

D — INTERIOR ROUND CEILING RECESSED LED LIGHT FIXTURE WITH TRIM-LESS LESS OPTION FOR DRYWALL OR SUSPENDED CEILING.

F — INTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

G — INTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

H — 4' LED LIGHT FIXTURE

K — CEILING SUSPENDED HIGH-BAY LED LIGHT FIXTURE

W — INTERIOR HIGH IMPACT RESISTANT AND WET LOCATION WALL MOUNTED LIGHT FIXTURE

E1 — EXTERIOR ROUND CEILING RECESSED LED LIGHT FIXTURE WITH TRIM-LESS LESS OPTION FOR DRYWALL OR SUSPENDED CEILING.

E2 — EXTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

E3 — EXTERIOR WALL MOUNTED LIGHT FIXTURE

WALL MOUNTED COMBINATION EXIT SIGN / EMERGENCY LIGHT FIXTURE

CEILING MOUNTED EMERGENCY EXIT LIGHT FIXTURE

WALL MOUNTED EMERGENCY LIGHT FIXTURE

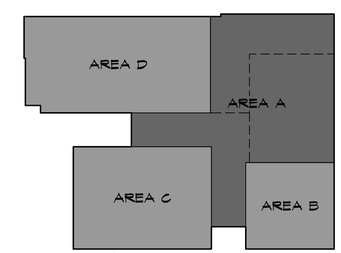
WALL MOUNTED EXTERIOR EMERGENCY LIGHT FIXTURE

SUPPLY DIFFUSERS

RETURN AIR VENTS

REFLECTED CEILING PLANS NOTE LEGEND:

1. CENTER FIXTURE WITH CEILING GRID INTERSECTION.
2. CENTER GRID EQUALLY WITH A ROOM, TYPICAL.
3. PRE-FABRICATED 2" CONTINUOUS SOFFIT VENT. REFER TO SECTION DETAILS.
4. METAL PANEL FASCIA TO SOFFIT RETURN. REFER TO SECTIONS AND DETAILS. TYPICAL.
5. GENERAL LOCATION OF LOW VOLTAGE CONDUITS/SLEEVES BY OTHERS. COORDINATE WITH OWNER. LOCATE CONDUIT AT CEILINGS STRUCTURE DIRECTLY UNDER A BEAM.



NORTH

KEY PLAN
NO SCALE

STATE OF MICHIGAN
SAMIR M KARIM
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TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

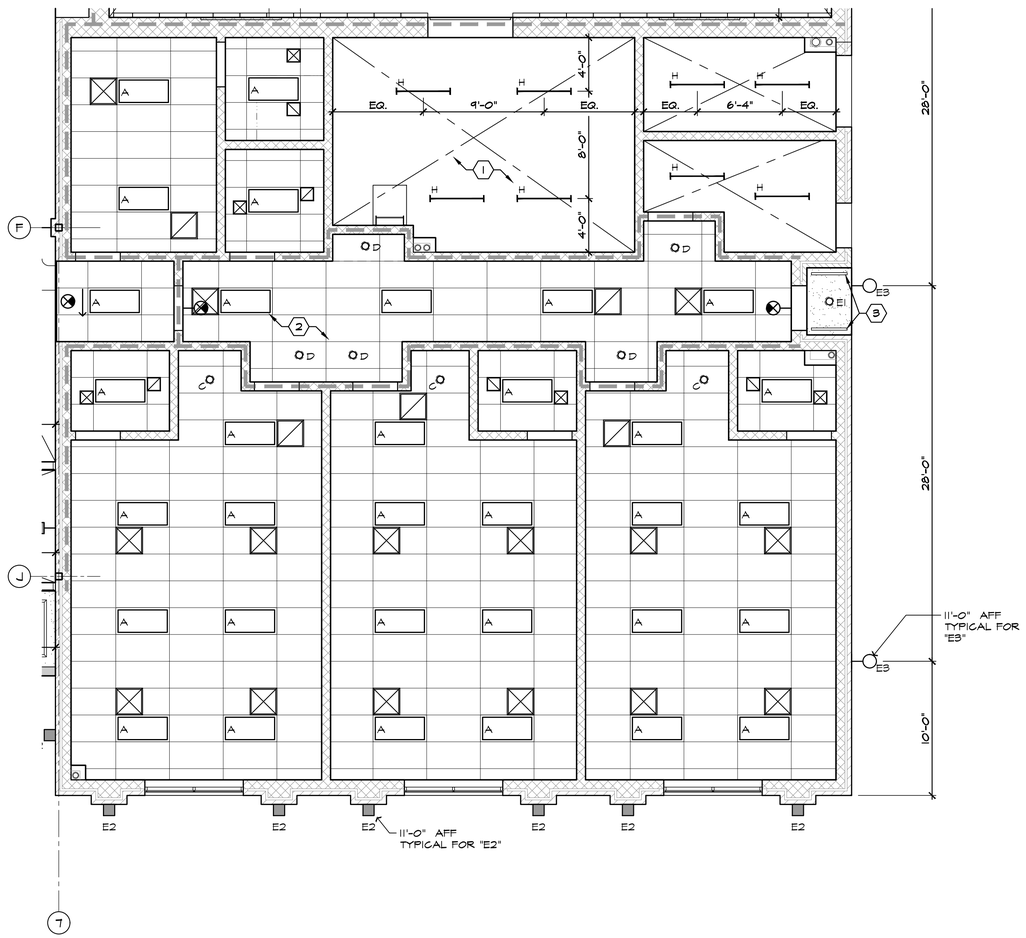
SCALE :

FILE NAME : 22010_A651

JOB #: 22010

SHEET TITLE
ENLARGED REFLECTED CEILING PLAN AREA "A"

SHEET #
A.651



NORTH

GROUND LEVEL ENLARGED REFLECTED CEILDING PLAN - AREA "B"

1 / A.101

SCALE: 3/16"= 1'-0"

CEILING LEGEND:

REFER TO SHEETS A.601 AND A.602 FOR ADDITIONAL CEILINGS INFORMATION.

ACT-1:
2' X 4' LAY-IN ACOUSTICAL TILE CEILING

ACT-2:
2' X 4' LAY-IN VINYL CLAD MOISTURE RESISTANT ACOUSTICAL TILE CEILING

INTERIOR CEILINGS: GYPSUM CEILING ON METAL SUSPENSION SYSTEM: 1/2" GYPSUM BOARD ON 18 GA - 3 5/8" (AND AS NOTED ON SECTIONS / DETAILS) METAL FRAMING AT 16" O.C., TYPICAL. REFER TO SIMILAR DETAILS. U.N.O.

EXTERIOR CEILINGS: DEFS ON 5/8" EXTERIOR GRADE SHEATHING CEILING SYSTEM ON COLD FORMED METAL FRAMING. REFER TO DETAILS. U.N.O.

A — 2'x4' LED LIGHT FIXTURE - GENERAL (SHADE = NIGHT LIGHT)

B — 2'x4' LED LIGHT FIXTURE - KITCHEN AREA (SHADE = NIGHT LIGHT)

C — 1'x4' LED LIGHT FIXTURE (SHADE = NIGHT LIGHT)

D — INTERIOR ROUND CEILING RECESSED LED LIGHT FIXTURE WITH TRIM-LESS LESS OPTION FOR DRYWALL OR SUSPENDED CEILING.

F — INTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

G — INTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

H — 4' LED LIGHT FIXTURE

K — CEILING SUSPENDED HIGH-BAY LED LIGHT FIXTURE

W — INTERIOR HIGH IMPACT RESISTANT AND WET LOCATION WALL MOUNTED LIGHT FIXTURE

E1 — EXTERIOR ROUND CEILING RECESSED LED LIGHT FIXTURE WITH TRIM-LESS LESS OPTION FOR DRYWALL OR SUSPENDED CEILING.

E2 — EXTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

E3 — EXTERIOR WALL MOUNTED LIGHT FIXTURE

WALL MOUNTED COMBINATION EXIT SIGN / EMERGENCY LIGHT FIXTURE

CEILING MOUNTED EMERGENCY EXIT LIGHT FIXTURE

WALL MOUNTED EMERGENCY LIGHT FIXTURE

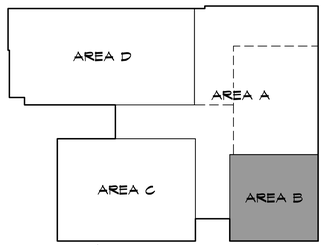
WALL MOUNTED EXTERIOR EMERGENCY LIGHT FIXTURE

SUPPLY DIFFUSERS

RETURN AIR VENTS

REFLECTED CEILING PLANS NOTE LEGEND:

1. CENTER FIXTURE WITH CEILING GRID INTERSECTION.
2. CENTER GRID EQUALLY WITH A ROOM, TYPICAL.
3. PRE-FABRICATED 2" CONTINUOUS SOFFIT VENT. REFER TO SECTION DETAILS.
4. METAL PANEL FASCIA TO SOFFIT RETURN. REFER TO SECTIONS AND DETAILS. TYPICAL.
5. GENERAL LOCATION OF LOW VOLTAGE CONDUITS/SLEEVES BY OTHERS. COORDINATE WITH OWNER. LOCATE CONDUIT AT CEILINGS STRUCTURE DIRECTLY UNDER A BEAM.



NORTH

KEY PLAN
NO SCALE

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

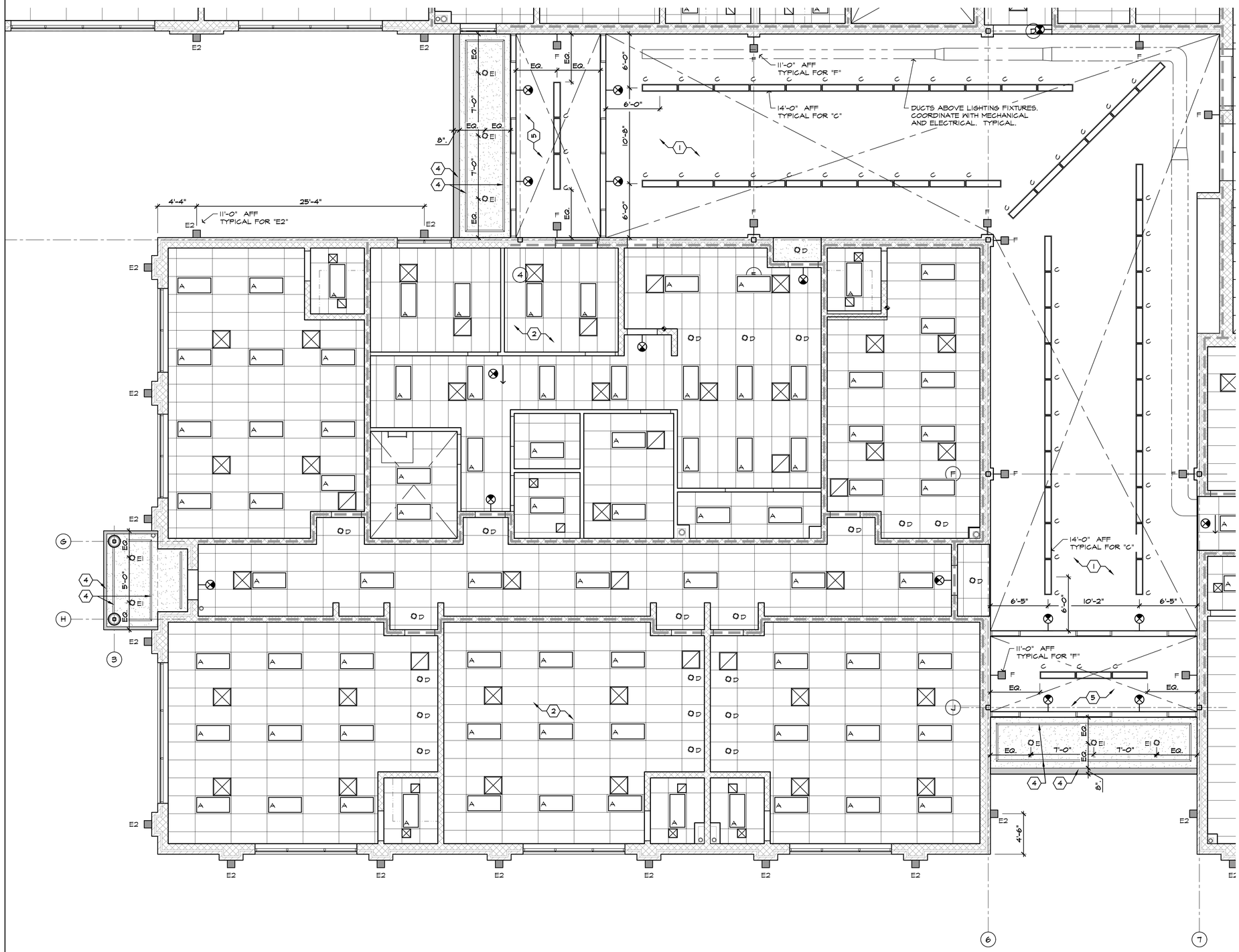
FILE NAME : 22010_A652

JOB #: 22010

SHEET TITLE
ENLARGED REFLECTED CEILING PLAN AREA "B"

SHEET #
A.652

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT



NORTH

1 A.101 GROUND LEVEL ENLARGED REFLECTED CEILING PLAN - AREA "C"

SCALE: 3/16"= 1'-0"

CEILING LEGEND:

REFER TO SHEETS A.601 AND A.602 FOR ADDITIONAL CEILINGS INFORMATION.

ACT-1: 2' X 4' LAY-IN ACOUSTICAL TILE CEILING

ACT-2: 2' X 4' LAY-IN VINYL CLAD MOISTURE RESISTANT ACOUSTICAL TILE CEILING

INTERIOR CEILINGS: GYPSUM CEILING ON METAL SUSPENSION SYSTEM. 1/2" GYPSUM BOARD ON 18 GA - 3 5/8" (AND AS NOTED ON SECTIONS / DETAILS) METAL FRAMING AT 16" O.C., TYPICAL. REFER TO SIMILAR DETAILS. U.N.O.

EXTERIOR CEILINGS: DEFS ON 5/8" EXTERIOR GRADE SHEATHING CEILING SYSTEM ON COLD FORMED METAL FRAMING. REFER TO DETAILS. U.N.O.

A — 2'x4' LED LIGHT FIXTURE - GENERAL (SHADE = NIGHT LIGHT)

B — 2'x4' LED LIGHT FIXTURE - KITCHEN AREA (SHADE = NIGHT LIGHT)

C — 1'x4' LED LIGHT FIXTURE (SHADE = NIGHT LIGHT)

D — INTERIOR ROUND CEILING RECESSED LED LIGHT FIXTURE WITH TRIM-LESS LESS OPTION FOR DRYWALL OR SUSPENDED CEILING.

F — INTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

G — INTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

H — 4' LED LIGHT FIXTURE

K — CEILING SUSPENDED HIGH-BAY LED LIGHT FIXTURE

W — INTERIOR HIGH IMPACT RESISTANT AND WET LOCATION WALL MOUNTED LIGHT FIXTURE

E1 — EXTERIOR ROUND CEILING RECESSED LED LIGHT FIXTURE WITH TRIM-LESS LESS OPTION FOR DRYWALL OR SUSPENDED CEILING.

E2 — EXTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

E3 — EXTERIOR WALL MOUNTED LIGHT FIXTURE

WALL MOUNTED COMBINATION EXIT SIGN / EMERGENCY LIGHT FIXTURE

CEILING MOUNTED EMERGENCY EXIT LIGHT FIXTURE

WALL MOUNTED EMERGENCY LIGHT FIXTURE

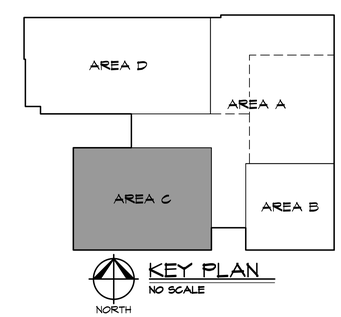
WALL MOUNTED EXTERIOR EMERGENCY LIGHT FIXTURE

SUPPLY DIFFUSERS

RETURN AIR VENTS

REFLECTED CEILING PLANS NOTE LEGEND:

1. CENTER FIXTURE WITH CEILING GRID INTERSECTION.
2. CENTER GRID EQUALLY WITH A ROOM, TYPICAL.
3. PRE-FABRICATED 2" CONTINUOUS SOFFIT VENT. REFER TO SECTION DETAILS.
4. METAL PANEL FASCIA TO SOFFIT RETURN. REFER TO SECTIONS AND DETAILS. TYPICAL.
5. GENERAL LOCATION OF LOW VOLTAGE CONDUITS/SLEEVES BY OTHERS. COORDINATE WITH OWNER. LOCATE CONDUIT AT CEILINGS STRUCTURE DIRECTLY UNDER A BEAM.



KEY PLAN
NO SCALE

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN

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COMMERCIAL
INDUSTRIAL

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GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

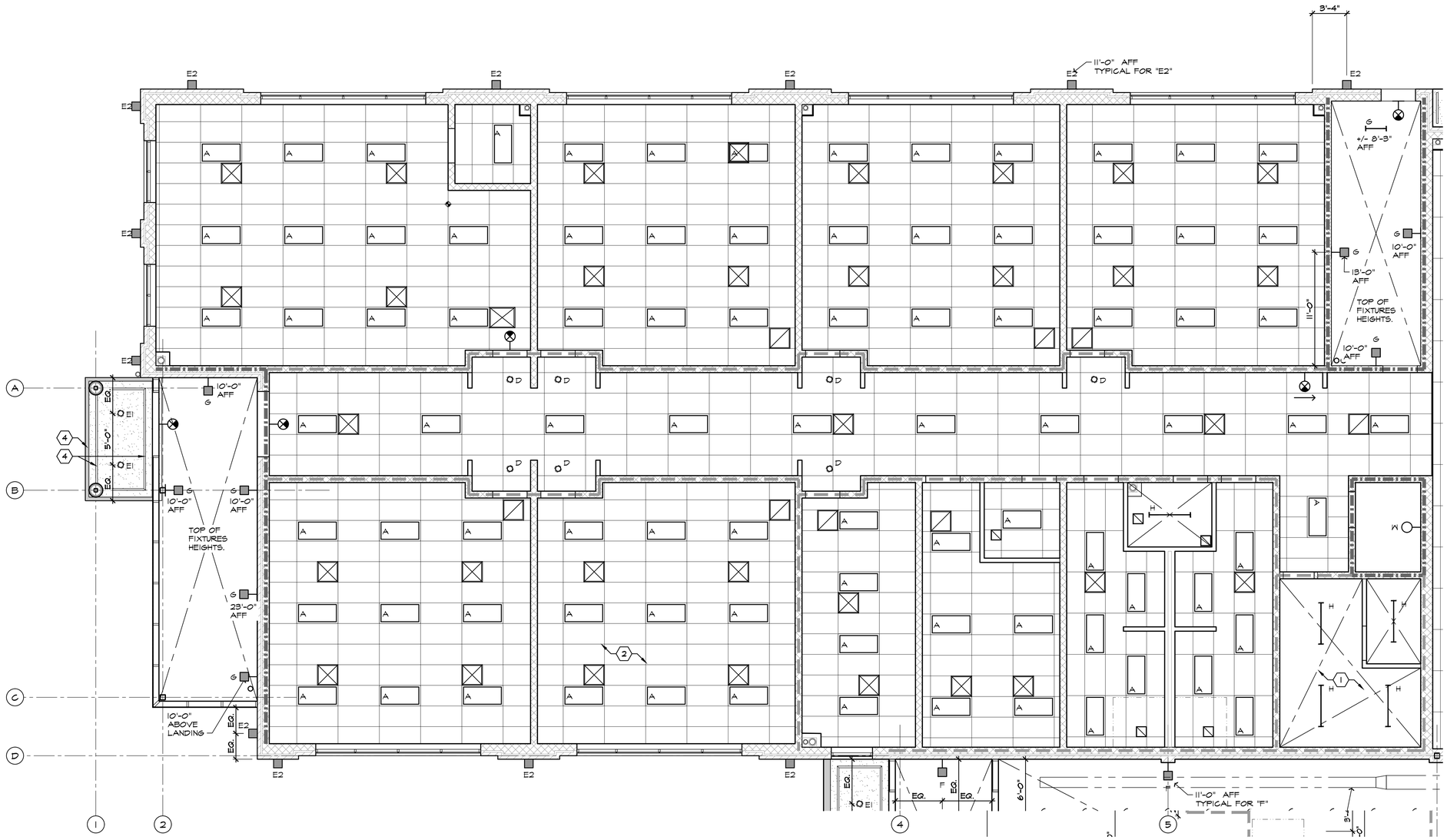
SCALE :

FILE NAME : 22010_A653

JOB #: 22010

SHEET TITLE
ENLARGED REELECTED CEILING PLAN AREA "C"

SHEET #
A.653



NORTH

GROUND LEVEL ENLARGED REFLECTED CEILING PLAN - AREA "D"

1 / A.101

SCALE: 3/16"= 1'-0"

CEILING LEGEND:

REFER TO SHEETS A.601 AND A.602 FOR ADDITIONAL CEILINGS INFORMATION.

ACT-1:
2' X 4' LAY-IN ACOUSTICAL TILE CEILING

ACT-2:
2' X 4' LAY-IN VINYL CLAD MOISTURE RESISTANT ACOUSTICAL TILE CEILING

INTERIOR CEILINGS: GYPSUM CEILING ON METAL SUSPENSION SYSTEM. 1/2" GYPSUM BOARD ON 18 GA - 3 5/8" (AND AS NOTED ON SECTIONS / DETAILS) METAL FRAMING AT 16" O.C., TYPICAL. REFER TO SIMILAR DETAILS. U.N.O.

EXTERIOR CEILINGS: DEFS ON 5/8" EXTERIOR GRADE SHEATHING CEILING SYSTEM ON COLD FORMED METAL FRAMING. REFER TO DETAILS. U.N.O.

A — 2'x4' LED LIGHT FIXTURE - GENERAL (SHADE = NIGHT LIGHT)

B — 2'x4' LED LIGHT FIXTURE - KITCHEN AREA (SHADE = NIGHT LIGHT)

C — 1'x4' LED LIGHT FIXTURE (SHADE = NIGHT LIGHT)

D — INTERIOR ROUND CEILING RECESSED LED LIGHT FIXTURE WITH TRIM-LESS LESS OPTION FOR DRYWALL OR SUSPENDED CEILING.

F — INTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

G — INTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

H — 4' LED LIGHT FIXTURE

K — CEILING SUSPENDED HIGH-BAY LED LIGHT FIXTURE

W — INTERIOR HIGH IMPACT RESISTANT AND WET LOCATION WALL MOUNTED LIGHT FIXTURE

E1 — EXTERIOR ROUND CEILING RECESSED LED LIGHT FIXTURE WITH TRIM-LESS LESS OPTION FOR DRYWALL OR SUSPENDED CEILING.

E2 — EXTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

E3 — EXTERIOR WALL MOUNTED LIGHT FIXTURE

WALL MOUNTED COMBINATION EXIT SIGN / EMERGENCY LIGHT FIXTURE

CEILING MOUNTED EMERGENCY EXIT LIGHT FIXTURE

WALL MOUNTED EMERGENCY LIGHT FIXTURE

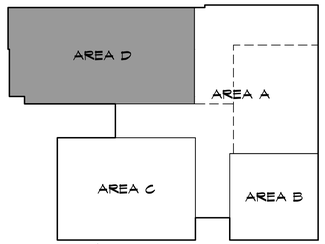
WALL MOUNTED EXTERIOR EMERGENCY LIGHT FIXTURE

SUPPLY DIFFUSERS

RETURN AIR VENTS

REFLECTED CEILING PLANS NOTE LEGEND:

1. CENTER FIXTURE WITH CEILING GRID INTERSECTION.
2. CENTER GRID EQUALLY WITH A ROOM, TYPICAL.
3. PRE-FABRICATED 2" CONTINUOUS SOFFIT VENT. REFER TO SECTION DETAILS.
4. METAL PANEL FASCIA TO SOFFIT RETURN. REFER TO SECTIONS AND DETAILS. TYPICAL.
5. GENERAL LOCATION OF LOW VOLTAGE CONDUITS/SLEEVES BY OTHERS. COORDINATE WITH OWNER. LOCATE CONDUIT AT CEILINGS STRUCTURE DIRECTLY UNDER A BEAM.



NORTH

KEY PLAN
NO SCALE

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN

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FARMINGTON, MICHIGAN 48336
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4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A654

JOB #: 22010

SHEET TITLE
ENLARGED REFLECTED CEILING PLANS AREA "D"

SHEET #
A.654

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

NORTH

1 A.101

GROUND LEVEL ENLARGED REFLECTED CEILING PLAN - AREA "D"

SCALE: 3/16"= 1'-0"

CEILING LEGEND:

REFER TO SHEETS A.601 AND A.602 FOR ADDITIONAL CEILINGS INFORMATION.

ACT-1: 2' X 4' LAY-IN ACOUSTICAL TILE CEILING

ACT-2: 2' X 4' LAY-IN VINYL CLAD MOISTURE RESISTANT ACOUSTICAL TILE CEILING

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EXTERIOR CEILINGS: DEFS ON 5/8" EXTERIOR GRADE SHEATHING CEILING SYSTEM ON COLD FORMED METAL FRAMING. REFER TO DETAILS. U.N.O.

A — 2'x4' LED LIGHT FIXTURE - GENERAL (SHADE = NIGHT LIGHT)

B — 2'x4' LED LIGHT FIXTURE - KITCHEN AREA (SHADE = NIGHT LIGHT)

C — 1'x4' LED LIGHT FIXTURE (SHADE = NIGHT LIGHT)

D — INTERIOR ROUND CEILING RECESSED LED LIGHT FIXTURE WITH TRIM-LESS LESS OPTION FOR DRYWALL OR SUSPENDED CEILING.

F — INTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

G — INTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

H — 4' LED LIGHT FIXTURE

K — CEILING SUSPENDED HIGH-BAY LED LIGHT FIXTURE

W — INTERIOR HIGH IMPACT RESISTANT AND WET LOCATION WALL MOUNTED LIGHT FIXTURE

E1 — EXTERIOR ROUND CEILING RECESSED LED LIGHT FIXTURE WITH TRIM-LESS LESS OPTION FOR DRYWALL OR SUSPENDED CEILING.

E2 — EXTERIOR WALL MOUNTED DECORATIVE LIGHT FIXTURE

E3 — EXTERIOR WALL MOUNTED LIGHT FIXTURE

WALL MOUNTED COMBINATION EXIT SIGN / EMERGENCY LIGHT FIXTURE

CEILING MOUNTED EMERGENCY EXIT LIGHT FIXTURE

WALL MOUNTED EMERGENCY LIGHT FIXTURE

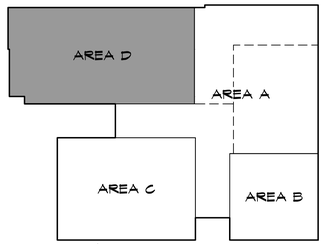
WALL MOUNTED EXTERIOR EMERGENCY LIGHT FIXTURE

SUPPLY DIFFUSERS

RETURN AIR VENTS

REFLECTED CEILING PLANS NOTE LEGEND:

1. CENTER FIXTURE WITH CEILING GRID INTERSECTION.
2. CENTER GRID EQUALLY WITH A ROOM, TYPICAL.
3. PRE-FABRICATED 2" CONTINUOUS SOFFIT VENT. REFER TO SECTION DETAILS.
4. METAL PANEL FASCIA TO SOFFIT RETURN. REFER TO SECTIONS AND DETAILS. TYPICAL.
5. GENERAL LOCATION OF LOW VOLTAGE CONDUITS/SLEEVES BY OTHERS. COORDINATE WITH OWNER. LOCATE CONDUIT AT CEILINGS STRUCTURE DIRECTLY UNDER A BEAM.



NORTH

KEY PLAN
NO SCALE

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

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4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

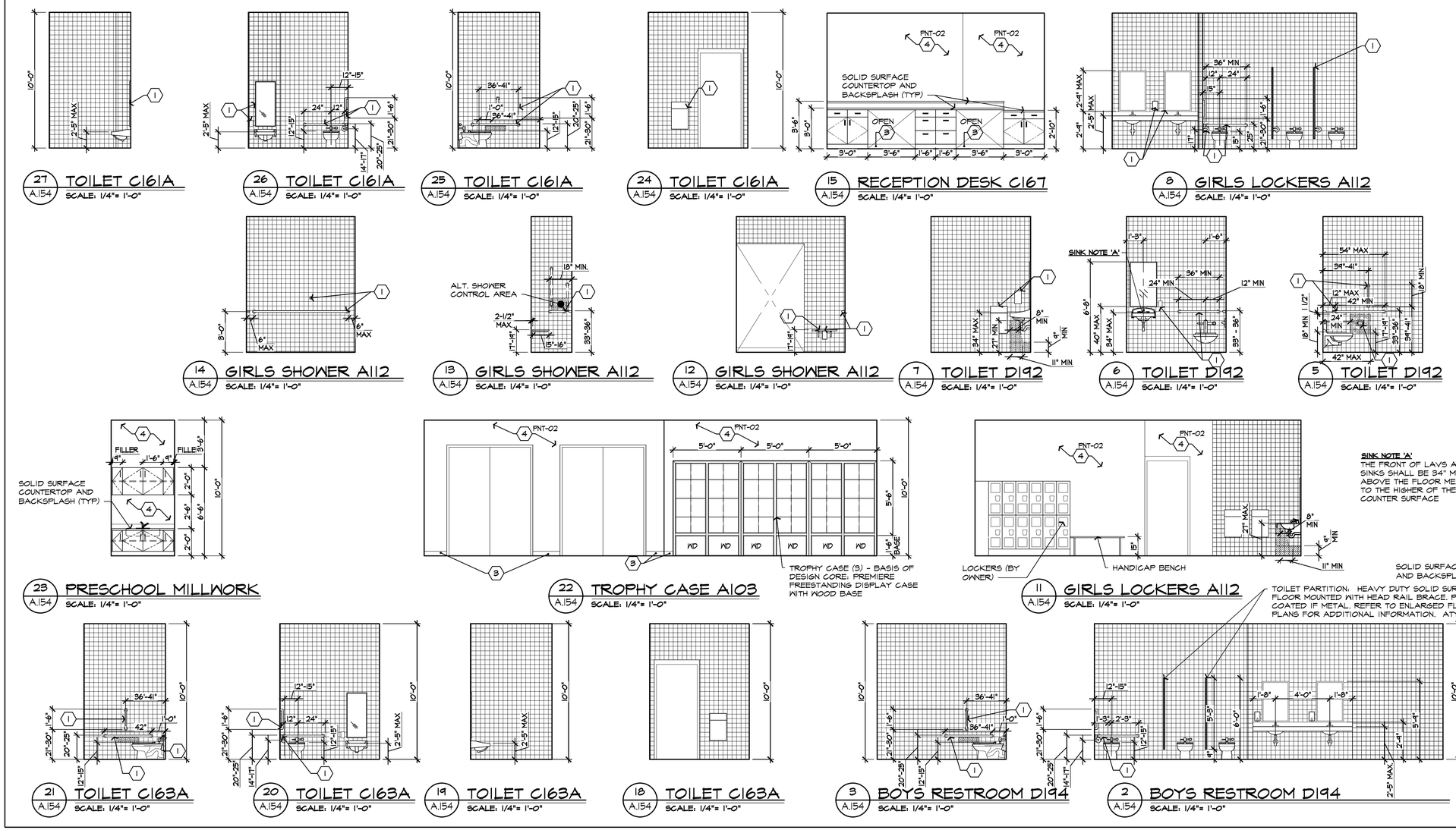
SCALE :

FILE NAME : 22010_A655

JOB #: 22010

SHEET TITLE
ENLARGED REFLECTED CEILING PLANS AREA "D"

SHEET #
A.655



INTERIOR ELEVATIONS NOTE LEGEND:

1. GRAB BARS AND TOILET ACCESSORIES. REFER TO BARRIER FREE GENERAL MOUNTING HEIGHTS SCHEDULE ON SHEET G0.001 AND ENLARGED FLOOR PLANS ON SHEET A08.006 FOR ADDITIONAL INFORMATION. TYPICAL.
2. PRIMED AND PAINTED EXPOSED STEEL. REFER STRUCTURAL DRAWINGS AND SECTIONS. TYPICAL.
3. WALL BASE AS SCHEDULED. TYPICAL.
4. EXPOSED PAINTED CMU. REFER TO ROOM FINNISH SCHEDULES.
5. PAINTED GYP. BOARD. REFER TO ROOM FINNISH SCHEDULES.
6. SOLID SURFACE WINDOW SILL. REFER TO SECTIONS AND DETAILS. TYPICAL.
5. BUILT-INT SOLID SURFACE BENCH WITH SOLID SURFACE SUPPORTS.

INTERIOR ELEVATIONS MATERIAL LEGEND:

REFER TO ROOM FINNISH SCHEDULES AND EXTERIOR AND INTERIOR FINISH MATERIAL LEGEND ON SHEET A12.001.

CT	CERAMIC TILE
CTB	CERAMIC TILE WALL BASE
PNT-01	PAINT (GYP)
PNT-02	PAINT (CMU)
WD	WOOD
SSS	SOLID SURFACE SILL

FIXTURE SIZES, HEIGHTS AND LOCATIONS TO BE VERIFIED AND CONFIRMED WITH OWNER, CONSTRUCTION MANAGER AND BATHROOM FIXTURE CONSULTANT.

MILLWORK DESIGN, LAYOUT AND HEIGHTS BY MILLWORK CONTRACTOR AND CONSTRUCTION MANAGER AND OWNER.

INTERIOR ELEVATIONS NOTES:

1. COORDINATE ALL FINISHES WITH OWNER.
2. ALL FINISHES TO BE PROVIDED PER CODE REQUIREMENTS (SEE LIFE SAFETY SHEET) AND PER MANUFACTURES SPECIFICATIONS AND DETAILS PROVIDED ON THESE DOCUMENTS.
3. REFER TO ROOM FINNISH SCHEDULES AND INTERIOR FINISH MATERIAL LEGENDS.
4. REFER TO BARRIER FREE GENERAL MOUNTING HEIGHTS SCHEDULE AND ENLARGED FLOOR PLANS SHEETS FOR ADDITIONAL INFORMATION. TYPICAL.
5. ALL MILLWORK AND BATHROOMS AND BATHROOM FIXTURES AND ACCESSORIES TO FOLLOW ALL APPLICABLE CODES INCLUDING BUT NOT LIMITED TO:
   - MICHIGAN PLUMBING CODE 2018
   - MICHIGAN BUILDING CODE 2015
   - ANSI A117.1-2009

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301038452
LICENSED ARCHITECT

ISSUED FOR	DATE
PERMITS	08.17.2022

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4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

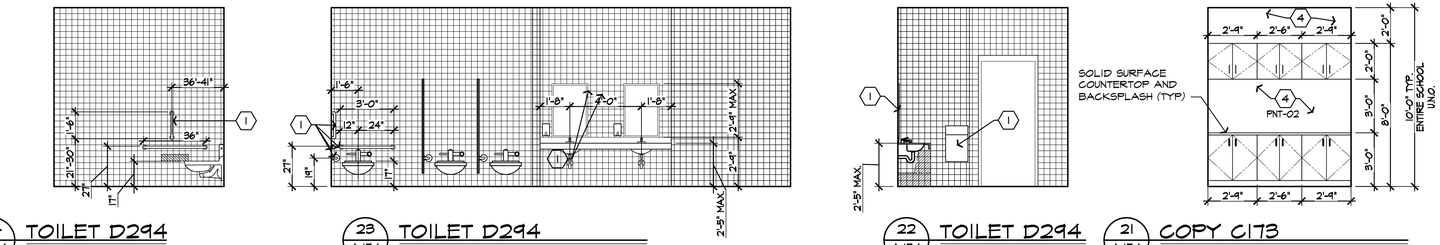
SCALE :

FILE NAME : 22010_A701

JOB #: 22010

SHEET TITLE
INTERIOR ELEVATIONS

SHEET #
A.701



24 A.154 TOILET D294
SCALE: 1/4"= 1'-0"

23 A.154 TOILET D294
SCALE: 1/4"= 1'-0"

22 A.154 TOILET D294
SCALE: 1/4"= 1'-0"

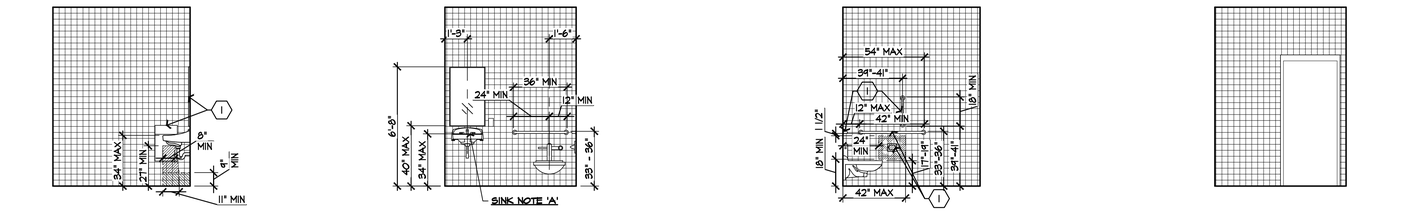
21 A.154 COPY C173
SCALE: 1/4"= 1'-0"

20 A.154 TOILET C170
SCALE: 1/4"= 1'-0"

19 A.154 TOILET C170
SCALE: 1/4"= 1'-0"

18 A.154 TOILET C170
SCALE: 1/4"= 1'-0"

17 A.154 TOILET C170
SCALE: 1/4"= 1'-0"

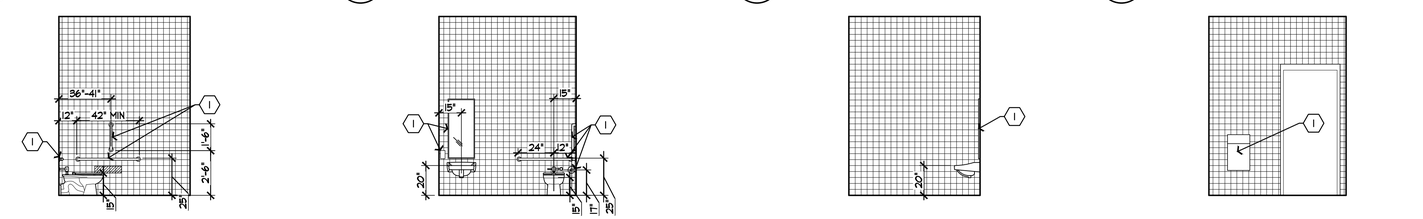


16 A.154 TOILET B145
SCALE: 1/4"= 1'-0"

15 A.154 TOILET B145
SCALE: 1/4"= 1'-0"

14 A.154 TOILET B145
SCALE: 1/4"= 1'-0"

13 A.154 TOILET B145
SCALE: 1/4"= 1'-0"

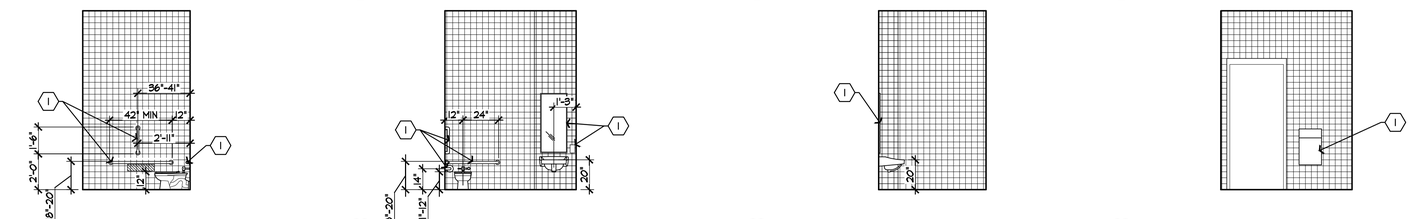


12 A.154 NURSE'S TOILET B144A
SCALE: 1/4"= 1'-0"

11 A.154 NURSE'S TOILET B144A
SCALE: 1/4"= 1'-0"

10 A.154 NURSE'S TOILET B144A
SCALE: 1/4"= 1'-0"

9 A.154 NURSE'S TOILET B144A
SCALE: 1/4"= 1'-0"

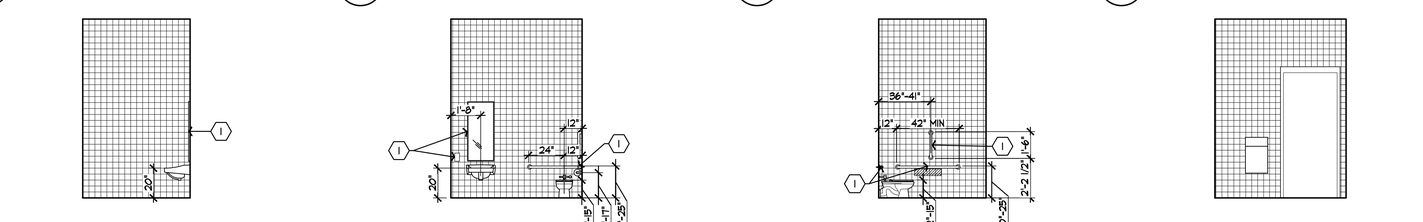


8 A.154 PRE SCHOOL TOILET B143A
SCALE: 1/4"= 1'-0"

7 A.154 PRE SCHOOL TOILET B143A
SCALE: 1/4"= 1'-0"

6 A.154 PRE SCHOOL TOILET B143A
SCALE: 1/4"= 1'-0"

5 A.154 PRE SCHOOL TOILET B143A
SCALE: 1/4"= 1'-0"



4 A.154 KINDERGARTEN TOILET B141A
SCALE: 1/4"= 1'-0"

3 A.154 KINDERGARTEN TOILET B141A
SCALE: 1/4"= 1'-0"

2 A.154 KINDERGARTEN TOILET B141A
SCALE: 1/4"= 1'-0"

1 A.154 KINDERGARTEN TOILET B141A
SCALE: 1/4"= 1'-0"

INTERIOR ELEVATIONS NOTE LEGEND:

1. GRAB BARS AND TOILET ACCESSORIES. REFER TO BARRIER FREE GENERAL MOUNTING HEIGHTS SCHEDULE ON SHEET G0.001 AND ENLARGED FLOOR PLANS ON SHEET A08.006 FOR ADDITIONAL INFORMATION. TYPICAL.
2. PRIMED AND PAINTED EXPOSED STEEL. REFER STRUCTURAL DRAWINGS AND SECTIONS. TYPICAL.
3. WALL BASE AS SCHEDULED. TYPICAL.
4. EXPOSED PAINTED CMU. REFER TO ROOM FINNISH SCHEDULES.
5. PAINTED GYP. BOARD. REFER TO ROOM FINNISH SCHEDULES.
6. SOLID SURFACE WINDOW SILL. REFER TO SECTIONS AND DETAILS. TYPICAL.
5. BUILT-INT SOLID SURFACE BENCH WITH SOLID SURFACE SUPPORTS.

INTERIOR ELEVATIONS MATERIAL LEGEND:

REFER TO ROOM FINNISH SCHEDULES AND EXTERIOR AND INTERIOR FINISH MATERIAL LEGEND ON SHEET A12.001.

CT	CERAMIC TILE
CTB	CERAMIC TILE WALL BASE
PNT-01	PAINT (GYP)
PNT-02	PAINT (CMU)
WD	WOOD
SSS	SOLID SURFACE SILL

FIXTURE SIZES, HEIGHTS AND LOCATIONS TO BE VERIFIED AND CONFIRMED WITH OWNER, CONSTRUCTION MANAGER AND BATHROOM FIXTURE CONSULTANT.

MILLWORK DESIGN, LAYOUT AND HEIGHTS BY MILLWORK CONTRACTOR AND CONSTRUCTION MANAGER AND OWNER.

INTERIOR ELEVATIONS NOTES:

1. COORDINATE ALL FINISHES WITH OWNER.
2. ALL FINISHES TO BE PROVIDED PER CODE REQUIREMENTS (SEE LIFE SAFETY SHEET) AND PER MANUFACTURES SPECIFICATIONS AND DETAILS PROVIDED ON THESE DOCUMENTS.
3. REFER TO ROOM FINNISH SCHEDULES AND INTERIOR FINISH MATERIAL LEGENDS.
4. REFER TO BARRIER FREE GENERAL MOUNTING HEIGHTS SCHEDULE AND ENLARGED FLOOR PLANS SHEETS FOR ADDITIONAL INFORMATION. TYPICAL.
5. ALL MILLWORK AND BATHROOMS AND BATHROOM FIXTURES AND ACCESSORIES TO FOLLOW ALL APPLICABLE CODES INCLUDING BUT NOT LIMITED TO:
   - MICHIGAN PLUMBING CODE 2018
   - MICHIGAN BUILDING CODE 2015
   - ANSI A117.1-2009

ISSUED FOR	DATE
PERMITS	08.17.2022

ARCHITECTURAL DESIGN
RESIDENTIAL
COMMERCIAL
INDUSTRIAL

G.A.V. ASSOCIATES, INC
24001 ORCHARD LAKE RD., STE. 180A
FARMINGTON, MICHIGAN 48336
PH: (248) 985-9101
WEB: WWW.GAVASSOCIATES.COM

GAV ASSOCIATES

NOOR INTERNATIONAL ACADEMY
4050 COOLIDGE HWY
TROY, MI 48098
586-365-5000

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4050 COOLIDGE HWY
TROY, MI 48098

DRAWN:	DESIGNED:	CHECKED:
SSA	GA	GA

SCALE :

FILE NAME : 22010_A702

JOB #: 22010

SHEET TITLE
INTERIOR ELEVATIONS

SHEET #
A.702

STATE OF MICHIGAN
SAMIR M KARIM
ARCHITECT
No. 1301039452
LICENSED ARCHITECT