

LOCATION MAP

DRAWING INDEX 4 - Architectural A001 GENERAL PROJECT INFORMATION A002 PROJECT DATA, EGRESS DIAGRAMS, ETC A003 GENERAL NOTES AND SPECIFICATIONS 0 A004 ACCESSIBITY STANDARDS, ACCESSORIES & FIXTURES 0 A005 ACCESSIBITY STANDARDS 0 A101 SOUTH ENTRY & STAIR INFORMATION 0 A102 FLOOR PLANS & SCHED. MAIN LEVEL (DEMO) A103 PLANS & DETAILS (EXISTING / DEMO) A104 FLOOR PLANS & DOOR SCHEDULE - MAIN LEVEL (NEW) A105 FLOOR PLANS & DETAILS 0 A106 MAIN LEVEL FINISH DIAGRAM & SCHEDULE • A107 REFLECTED CEILING PLANS A108 REFLECTED CEILING PLANS 0 A109 DETAIL PLANS - MAIN LEVEL 0 A110 CASEWORK DETAILS & UPPER LEVEL DETAIL PLANS 0

-- REFER TO DRAWINGS AND INFORMATION ISSUED UNDER SEPARATE COVER --

(INCLUDING ENGINEERING & CONTRACTOR / CONSULTANT SUPPLIED INFORMATION IN SUPPORT OF THE DESIGN INTENT COMMUNICATED BY THESE DOCUMENTS)

SHEET INDEX NOTE KEY

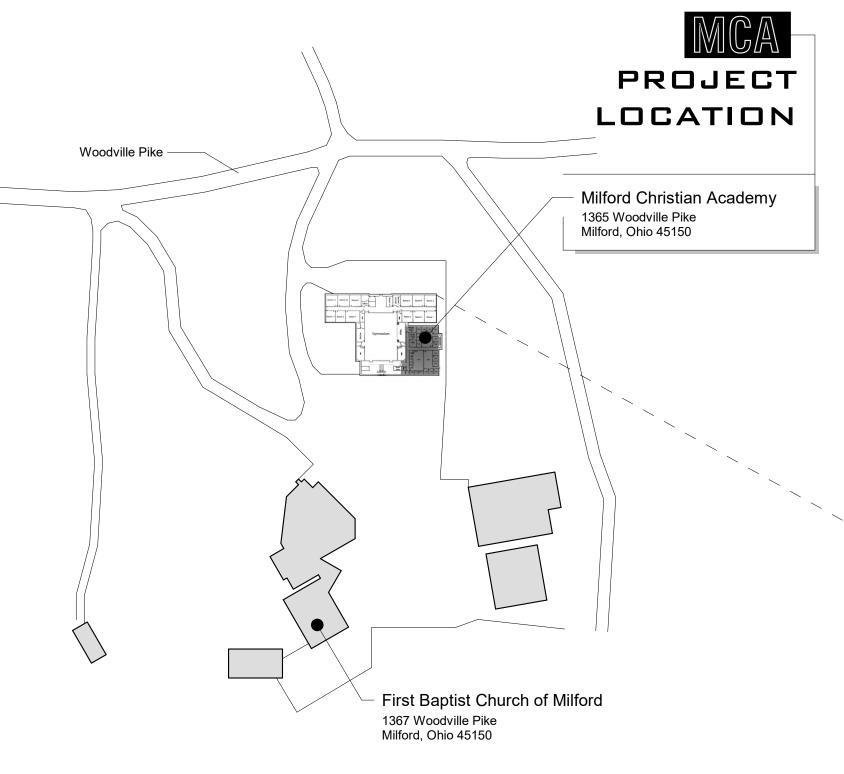




REISSUED NO REVISION

CONSTRUCTION DOCUMENTATION

THIS SHEET IS PART OF A CONSTRUCTION DOCUMENT SET. ALL SHEETS IN THIS SET, AS WELL AS OWNER PROVIDED CRITERIA AND MANUALS ARE TO BE VIEWED AS COMPLEMENTARY.



LOCATION / SITE DIAGRAM

MCA Milford Christian Academy INTERIOR Renovation

ABBREVIATIONS

ADJ	ADJUSTABLE
AFF	ABOVE FINISH

AFF ABOVE FINISHED FLOOR AHJ AUTHORITY HAVING JURISDICTION

ALUM ALUMINUM BOD BASIS OF DESIGN

CJ CONTROL JOINT CLR CLEAR

CONC CONCRETE

CMU CONCRETE MASONRY UNIT

DBL DOUBLE

DIAMETER DIMENSION

EXPANSION JOINT

ELEC ELECTRICAL

EWC ELECTRIC WATER COOLER

EXST EXISTING EXT EXTERIOR

EXT EXTERIOR

FDC FIRE DEPT. CONNECTION FIRE EXTINGUISHER

FFE FINISH FLOOR ELEVATION

FIBERGLASS REINF. PLASTIC

FIRE RETARDANT TREATED FOB FACE OF BLOCK

GALV GALVANIZED GENERAL CONTRACTOR

GWB GYPSUM WALL BOARD GYP GYPSUM

HOLLOW METAL HORIZONTAL

INSULATION INTERIOR LAVATORY

MAXIMUM MECHANICAL

MINIMUM MASONRY OPENING

NOT APPLICABLE NON FREEZE HOSE BIB

NOT IN CONTRACT

NOT TO SCALE ON CENTER

OPPOSITE PARTITION

PRESSURE TREATED REINFORCED

ROOF LEADER PIPE **ROUGH OPENING** SOLID CORE WOOD

SIMILAR SLAB ON GRADE

STRUCT STRUCTURAL TOP OF STEEL

TYPICAL

UNLESS NOTED OTHERWISE

VERTICAL

PROJECT DATA:

PROJECT TYPE: RENOVATION OF EXISTING EDUCATION BUILDING

CITY OF MILFORD ADOPTED CODES INCLUDING:

2024 OHIO BUILDING CODE

2024 OHIO MECHANICAL CODE 2024 OHIO PLUMBING CODE 2023 N.F.P.A. 70 (ELECTRICAL CODE)

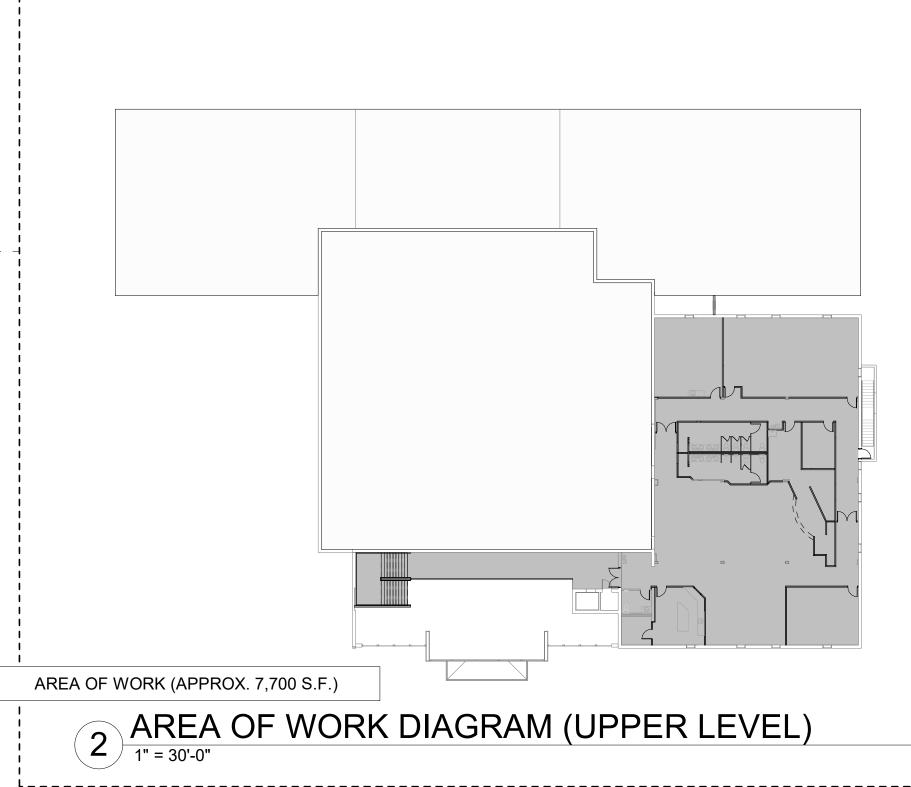
OHIO ENERGY CODE (BASED ON 2012 I.E.C.C.)

A.S.H.R.A.E. 90.1 2019

2017 A117.1 (I.C.C.) ACCESSIBILITY STANDARDS

OCCUPANCY TYPE: (E) EDUCATIONAL

INDIVIDUAL AREA OCCUPANT LOAD INFORMATION (PER OBC 1004) ON SHEET A002



QT CTRL: DRAWN: DWP

1 AREA OF WORK DIAGRAM (MAIN LEVEL)

AREA OF WORK (APPROX. 11,100 S.F.)

COLORADO CONTACT: DONNELL PAUL, A.I.A. 970.988.9060

RIOR

IR

First Baptist Church of Milford 1367 Woodville Pike Milford, OH 45150

513-575-170 GENERAL PROJECT

TITLE: INFORMATION

JOB: 2216.01

DATE: 07/04/24

UPPER LEVEL

OCCUPANT LOAD: 384 REF. (2024 O.B.C.) SECTION 1004

PLUMBING FIXTURE DATA

REF. (2024 O.B.C.) SECTION 2902

PLUMBING FACILITIES (FOR 384 PEOPLE)

(E) EDUCATIONAL (CATEGORY) REQUIRED (MIN.) PROVIDED WATER CLOSETS (1 PER 50) 8 9 LAVATORIES (1 PER 50) DRINKING FOUNTAINS (1 PER 100) 4 4

EGRESS WIDTH DATA REF. (2024 O.B.C.) SECTION 1005 EGRESS WIDTH (FOR 384 PEOPLE) (E) EDUCATIONAL (CATEGORY) REQUIRED (MIN.) PROVIDED STAIRWAYS (0.3" PER OCCUPANT) 115.2" OTHER EGRESS COMPONENTS (0.2" PER OCCUPANT) (DOOR WIDTHS) 76.8" 108"

MAIN LEVEL

OCCUPANT LOAD: 708

REF. (2024 O.B.C.) SECTION 1004

PLUMBING FIXTURE DATA

REF. (2024 O.B.C.) SECTION 2902

PLUMBING FACILITIES (FOR 708 PEOPLE) REQUIRED (MIN.) PROVIDED (E) EDUCATIONAL (CATEGORY) WATER CLOSETS (1 PER 50) 15 17 LAVATORIES (1 PER 50) 15 17

DRINKING FOUNTAINS (1 PER 100) 7 7 SERVICE SINK 1 2 EGRESS WIDTH DATA REF. (2024 O.B.C.) SECTION 1005

EGRESS WIDTH (FOR 708 PEOPLE) (E) EDUCATIONAL (CATEGORY) PROVIDED REQUIRED (MIN.) EGRESS COMPONENTS (0.2" PER OCCUPANT) (DOOR WIDTHS) 141.6" 540"

7 s.f. per occ.

ASSEMBLY SPACE (CONCENTRATED) CHAIRS (NOT FIXED)

20 s.f. per occ.

EXISTING CLASSROOM (TO REMAIN)

EXISTING OFFICE (TO REMAIN)

200 s.f. per occ.

EXISTING KITCHEN (TO REMAIN)

35 s.f. per occ.

SERVICE SINK

PLAY AREA

50 s.f. per occ.

1 1

LOCKERS 15 s.f. per occ. PLATFORM SPACE & UNCONCENTRATED **ASSEMBLY** (TABLES & CHAIRS)

20 s.f. per occ.

CLASSROOM (NEW)

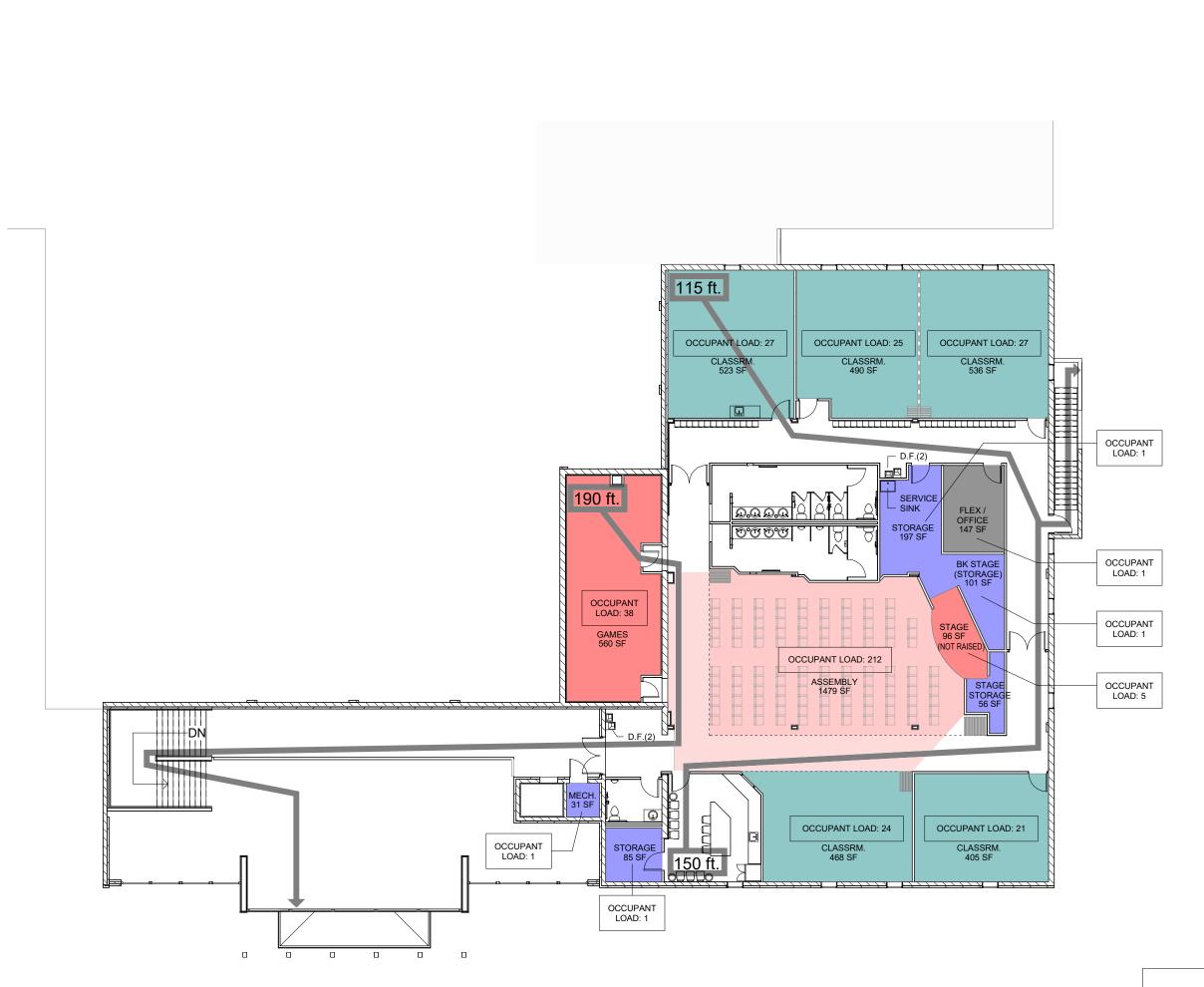
150 s.f. per occ.

150 s.f. per occ.

OFFICE (NEW)

300 s.f. per occ.

STORAGE / MECH.



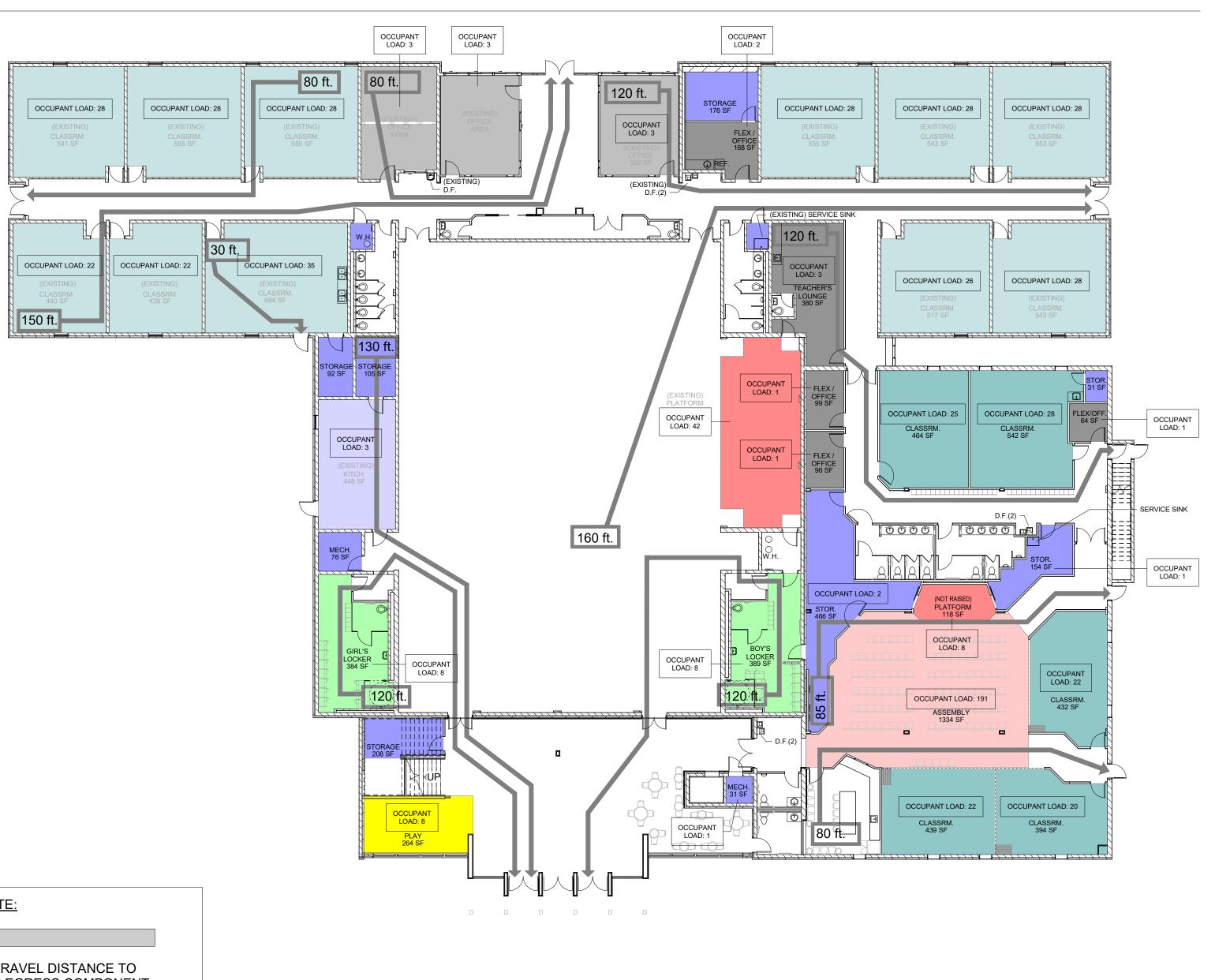
2 UPPER LEVEL - EGRESS DIAGRAM

1/16" = 1'-0"

EGRESS NOTE: INDICATES TRAVEL DISTANCE TO ACCESSIBLE EGRESS COMPONENT PER 2024 OBC (SECTION 1017.2)
MAXIMUM TRAVEL DISTANCE: 200 FT

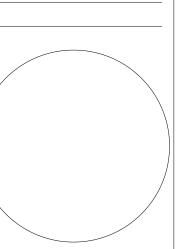
MAIN LEVEL - EGRESS DIAGRAM

1/16" = 1'-0"





COLORADO CONTACT: DONNELL PAUL, A.I.A. 970.988.9060



Milfor UR

APTIST INTERIOR

FIRS First Baptist Church of Milford 1367 Woodville Pike Milford, OH 45150 513-575-170

TITLE: PROJECT DATA DIAGRAMS, ETC.

JOB: 2216.01

QT CTRL: DRAWN: DWP

DATE: 07/04/24

DIVISION 1: GENERAL DATA

- 1. FACILITATE PROCEDURES AND PROCESSES REQUIRED TO PROVIDE THE OWNER A COMPLETE AND OPERATIONAL BUILDING, CONFORMING TO THE DESIGN INTENT COMMUNICATED IN THESES DRAWINGS, INCLUDING ALL FINISHES, FIXTURES, STRUCTURAL, MECHANICAL, ELECTRICAL. PLUMBING. SMOKE / CARBON MONOXIDE / RADON DETECTION AND FIRE PROTECTION SYSTEMS.
- 2. THESE DRAWINGS ARE A COMPOSITE SET, NOT TO BE SEPARATED ACCORDING TO AIA. CONTRACTORS ARE TO REVIEW ALL DRAWINGS AND DISTRIBUTE THE ENTIRE SET TO EACH SUBCONTRACTOR. CONTRACTORS ARE TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- 3. A SITE VISIT TO THE PREMISES IS REQUIRED TO INSPECT EXISTING CONDITIONS AND VERIFY WORK TO BE PERFORMED BEFORE SUBMITTING COST QUOTATIONS FOR WORK.

4. NOTIFY THE ARCHITECT PROMPTLY OF ANY ERRORS, OMISSIONS, INCONSISTENCIES, DISCREPANCIES, AND CONFLICTS WITHIN THE DRAWINGS AND FIELD CONDITIONS. DO NOT PROCEED WITH THE WORK AFFECTED BY THE PROBLEM UNTIL IT IS RESOLVED TO THE SATISFACTION OF THE ASSOCIATED PARTIES.

5. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH GOVERNING FEDERAL, STATE AND LOCAL CODE REQUIREMENTS, EXECUTED IN ACCORDANCE WITH ACCEPTED INDUSTRY STANDARDS, AND IN CONFORMANCE WITH SPECIFIC REGULATIONS AS MANDATED BY THE OWNER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THE PROCUREMENT OF ALL REQUIRED AND NECESSARY PERMITS AND APPROVALS PRIOR TO THE COMMENCEMENT OF ANY WORK AND CERTIFICATE OF OCCUPANCY UPON COMPLETION OF PROJECT. CONTRACTOR IS RESPONSIBLE FOR THE FEES ASSOCIATED WITH PROCURING SUCH PERMITS AND SHALL FURNISH COPIES OF PERMITS, INSPECTIONS AND CERTIFICATES TO OWNER UPON REQUEST.

6. COORDINATE ALL WORK SCHEDULES TO MINIMIZE DISRUPTION OF NORMAL NEIGHBORHOOD & CAMPUS ACTIVITIES AND TO AVOID INTERFERENCE WITH NEIGHBORHOOD OPERATIONS. TAKE ADEQUATE PRECAUTIONS TO PROTECT NEIGHBORING BUILDINGS, OCCUPANTS, MATERIALS AND EXISTING FINISHES THROUGHOUT ALL PHASES OF CONSTRUCTION AREAS AND OCCUPIED OR PUBLIC AREAS TO BE MAINTAINED. DAMAGE TO EXISTING-TO-REMAIN CONSTRUCTION. MATERIALS OR EQUIPMENT TO BE RESTORED TO ORIGINAL CONDITION.

7. UPON NOTIFICATION BY THE CONTRACTOR OF THE PROJECT'S SUBSTANTIAL COMPLETION, THE ARCHITECT AND / OR THE OWNER WILL INSPECT THE WORK FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS. ACCOMPANYING SUCH NOTIFICATION, THE CONTRACTOR IS TO PROVIDE A WRITTEN LISTING OF THOSE ITEMS NOT COMPLETE OR IN COMPLIANCE WITH THE CONTRACT DOCUMENTS. THIS LIST WILL CONSTITUTE THE MINIMUM PUNCH LIST OF ITEMS FOR COMPLETION. THE CONTRACTOR WILL COMPLETE ALL OF THESE ITEMS ON THE PUNCH LIST WITHIN (5) DAYS AFTER THE DATE OF ITS ISSUANCE. THE CONTRACTOR WILL RETURN ONE SIGNED COPY OF THE ORIGINAL PUNCH LIST TO OWNER AND ARCHITECT AS VERIFICATION THAT ALL ITEMS ARE COMPLETE OR WILL PROVIDE WRITTEN EXPLANATION OF THE STATUS OF ANY INCOMPLETE WORK.

8. SUBMIT A SCHEDULE FOR CONSTRUCTION TO THE OWNER PRIOR TO PROCEEDING WITH ANY WORK. REQUIRED DATES FOR SUBMITTALS ARE TO BE INCLUDED WITH THE SCHEDULE FOR CONSTRUCTION. THE CONTRACTOR IS TO SUBMIT CONFIRMATIONS WITH DELIVERY DATES FOR ORDERS AND MATERIALS AND EQUIPMENT HAVING LONG

9.THE MEANS AND METHODS OF CONSTRUCTION, AND TEMPORARY STRUCTURES AND FACILITIES, ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS. THE ARCHITECT DOES NOT ASSUME ANY RESPONSIBILITY FOR THE CONTRACTOR'S MEANS AND METHODS OR FOR TEMPORARY STRUCTURES.

10. CONTRACTOR SHALL BE RESPONSIBLE FOR STORAGE AND PROTECTION OF BUILDING MATERIALS. AND INSTALLED CONSTRUCTION. FROM INCLEMENT WEATHER. THEFT. AND OTHER HAZARDS. CONTRACTORS SHALL FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS FOR STORAGE OF MATERIALS. PARTIALLY COMPLETED WALLS SHALL BE COVERED TO PROTECT FROM WATER INTRUSION. DAMAGE, INCLUDING BUT NOT LIMITED TO MOLD, RESULTING FROM WATER INTRUSION DURING CONSTRUCTION SHALL BE REPORTED TO THE OWNER FOR RESOLUTION.

11. FLOOR TOLERANCE: IN LAYING OUT AND DETAILING THE WORK TO BE COMPLETED. CONSIDERATION IS TO BE GIVEN TO VARIATIONS IN THE FLOOR LEVELNESS RESULTING FROM CONSTRUCTION QUALITY PLUS LIVE AND DEAD LOADS IMPOSED ON THE STRUCTURE. FIELD VERIFICATIONS ARE TO BE MADE OF CONDITIONS TO VERIFY CONSTRUCTION TOLERANCES. ALIGNMENT OF DOOR HEADS AND OTHER HORIZONTAL ELEMENTS ARE TO BE MAINTAINED AT A CONSISTENT LEVEL AND SHOULD NOT FOLLOW VARIATIONS IN FLOOR PLANE. LEVEL FLOORS AS REQUIRED USING AN APPROVED LEVELING COMPOUND.

12. REMOVE ALL TRASH AND DEBRIS FROM JOB SITE ON A DAILY BASIS.

FINAL CLEANUP WITHIN SCOPE OF WORK: REMOVE DUST, DEBRIS, OILS, STAINS, FINGERPRINTS AND LABELS FROM ALL EXPOSED FINISHED SURFACES AND CLEAN ALL WINDOWS AND WINDOW COVERINGS.

13. COORDINATE ALL RELATED TRADES AND VENDORS NECESSARY TO THE COMPLETION OF THE JOB ON A TIMELY BASIS

14. ALL REQUESTS FOR SUBSTITUTIONS OF ANY SPECIFIED ITEM ARE TO BE SUBMITTED IN WRITING TO THE ARCHITECT / OWNER'S REP. AND WILL BE CONSIDERED ONLY IF THE ALTERNATE PROPOSED IS PROVEN TO BE MORE ADVANTAGEOUS TO OWNER WITH RESPECT TO DELIVERY DATE, QUALITY OR COST. UNDER NO CIRCUMSTANCES WILL THE ARCHITECT BE REQUIRED TO PROVE THAT A PRODUCT PROPOSED FOR SUBSTITUTION IS OR IS NOT OF EQUAL QUALITY TO THE PRODUCT SPECIFIED.

15. FIELD CHANGES REQUESTED BY OWNER MAY AFFECT PRICING AND/OR COMPLETION DATE. CONTRACTOR IS TO NOTIFY OWNER OF CHANGE - WRITTEN APPROVAL IS TO BE OBTAINED BEFORE IMPLEMENTATION.

16. ALL MATERIALS INSTALLED WITHIN PLENUM AREAS ARE TO BE NON-COMBUSTIBLE.

17. THESE PLANS HAVE BEEN PREPARED IN CONFORMITY WITH GOVERNING ACCESSIBILITY CODES FOR MAKING BUILDINGS AND FACILITIES ACCESSIBLE AND USABLE BY PHYSICALLY HANDICAPPED PEOPLE TO THE BEST OF OUR PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF FOR THE SCOPE OF THE WORK HEREIN.

18. THE ARCHITECT HAS NOT CONDUCTED ANY INVESTIGATION AS TO THE PRESENCE OF ASBESTOS OR OTHER HAZARDOUS SUBSTANCES ON THE PROJECT SITE AND ASSUMES NO RESPONSIBILITY WITH RESPECT TO SAME. NO ASBESTOS PRODUCTS OR PRODUCTS CONTAINING UREA FORMALDEHYDE WILL BE ACCEPTED.

19. TEMPORARY TOILET FACILITIES MUST BE KEPT CLEAN. CONTRACTOR IS RESPONSIBLE FOR CLEANING AND REPAIR OF DAMAGE CAUSED BY CONSTRUCTION PERSONNEL

20. PRODUCT DELIVERY, STORAGE, AND HANDLING IS TO BE HANDLED IN THE FOLLOWING MANNER:

A. DELIVERY: DELIVER MATERIALS TO FACILITATE INSPECTION AND TESTING IN MANUFACTURER'S ORIGINAL UNOPENED PACKAGING LABELED FOR IDENTIFICATION. S. STORAGE: STORE MATERIALS IN PROTECTIVE PACKAGING TO PREVENT DAMAGE PRIOR TO INSTALLATION. COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

C. HANDLING: HANDLE MATERIALS TO PREVENT DAMAGE TO MATERIALS AND TO OTHER SURFACES. ALL WORK IS TO BE FREE OF DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION. ALL SUCH DEFECTS ARE TO BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.

21. ALL GLASS WITHIN 12" OF DOORWAYS OR 18" OF WALKING SURFACES IS TO BE TEMPERED. SHOP DRAWINGS FOR ALL MILLWORK ARE TO BE SUBMITTED FOR ARCHITECT'S / OWNER'S REVIEW. FIELD VERIFY ALL DIMENSIONS PRIOR TO BEGINNING FABRICATION OF ANY CASEWORK ITEM.

22. PROVIDE BLOCKING IN PARTITION AT ALL LOCATIONS WHERE WORK SURFACES, SHELVING, BRACKETS, DISPLAYS AND/OR EQUIPMENT WILL BE MOUNTED OR ATTACHED

TO FACE OF WALL. 23. WRITTEN DIMENSIONS TAKE PRECEDENCE IN LAYOUT OF ALL WALLS. DO NOT SCALE DRAWINGS. IN ORDER TO CLARIFY ACCESSIBILITY AND CLEARANCE

REQUIREMENTS, DIMENSIONS ON ARCHITECTURAL DRAWINGS ARE TO FINISHED FACE, UNLESS NOTED OTHERWISE.

24. CAREFUL ATTENTION IS TO BE PAID TO FINAL MATERIAL AND FINISH SELECTION. REGARDING EXPANSION AND CONTROL JOINT LOCATIONS, THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN TO MINIMIZE CRACKING AND MISALIGNMENT.

25. THE CONTRACTOR SHALL CONSULT WITH LOCAL FIRE AUTHORITIES TO ASCERTAIN REQUIREMENTS FOR FIRE SUPPRESSION AND SAFETY DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING OSHA REGULATIONS DURING CONSTRUCTION.

26. ALL INSURANCE COVERAGE IS TO BE PROVIDED BY THE CONTRACTOR COVERING WORKMEN'S COMPENSATION AND EMPLOYER'S LIABILITY.

27. INDEMNIFICATION: TO THE FULLEST EXTENT PERMITTED BY LAW, THE OWNER AND CONTRACTORS SHALL HOLD HARMLESS THE ARCHITECT, HIS AGENTS AND EMPLOYEES FROM ALL LEGAL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE WORK PROVIDED THAT ANY SUCH CLAIM, DAMAGE, LOSS OR EXPENSE IS ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DISEASE, DEATH OF, INJURY TO, OR DESTRUCTION OF TANGIBLE PROPERTY (OTHER THAN THE WORK ITSELF) INCLUDING THE LOSS OF USE RESULTING THEREFROM.

28. THESE DRAWINGS ARE THE PROPERTY OF THE ARCHITECTURAL CONSORTIUM L.L.C. AND ARE NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART. THESE DRAWINGS ARE TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN AND ARE NOT TO BE USED ON ANY OTHER PROJECT

29. THESE DRAWINGS HAVE BEEN DEVELOPED FROM OWNER PROVIDED INFORMATION & LIMITED FIELD SURVEY DATA, REFER TO GEOTECHNICAL, CIVIL AND OTHER PROFESSIONAL CONSULTATION INFORMATION, UNDER SEPARATE COVER FOR AREAS OF WORK BEYOND THE SCOPE DETAILED HEREIN. CONTRACTORS SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO COMMENCING WORK.

30. ITEMS INDICATED AS "BASIS OF DESIGN" ARE SUBJECT TO SUBSTITUTION OF "APPROVED EQUIVALENT". REFER TO NOTE 14 ABOVE. COORDINATE FINAL SELECTIONS WITH OWNER.

31. SHOP DRAWINGS AND RELATED SAMPLES ARE TO BE SUBMITTED FOR APPROVAL PRIOR TO PLACEMENT OF ORDER OR FABRICATION OF SELECTED ITEMS.

DIVISION 2: EXISTING CONDITIONS

1. DRAWINGS HAVE BEEN CREATED FROM FIELD SURVEY DATA IN CONJUNCTION WITH OWNER PROVIDED BASE BUILDING INFORMATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.

2. DEMOLITION OF EXISTING STRUCTURES IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THE CONTRACTOR SHALL EMPLOY ENGINEERING EXPERTISE AS NEEDED TO ASSIST IN DEMOLITION.

3. TAKE ADEQUATE PRECAUTIONS TO PROTECT BUILDING AND NEIGHBORING OCCUPANTS, MATERIALS AND EXISTING FINISHES THROUGHOUT ALL PHASES OF CONSTRUCTION. AREAS OCCUPIED OR PUBLIC AREAS ARE TO BE MAINTAINED BY THE GENERAL CONTRACTOR. ANY DAMAGE TO EXISTING-TO-REMAIN CONSTRUCTION, MATERIALS OR EQUIPMENT MUST BE RESTORED TO THEIR ORIGINAL CONDITION.

4. ERECT ALL NECESSARY TEMPORARY PARTITIONS TO PROTECT ADJACENT PROPERTY WHILE CONSTRUCTION IS IN PROGRESS.

5. REFER TO ATTACHED FLOOR PLANS FOR EXISTING CONSTRUCTION TO REMAIN.

6. REMOVE EXISTING MECHANICAL COMPONENTS AS REQUIRED TO ACCOMMODATE NEW HVAC DESIGN AND RELATED WORK. SALVAGE DEVICES AS PRACTICAL FOR RE-USE. CLEAN/REPLACE SUPPLY AIR DIFFUSERS AND RETURN AIR GRILLES, CALIBRATE AND RELOCATE THERMOSTATS, AND INSTALL NEW DUCTWORK AS REQUIRED

7. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND COORDINATING ALL EXISTING AND NEW UTILITIES TO BE PROVIDED TO SITE AND BUILDING

8. REFER TO GEOTECHNICAL DATA, CIVIL DRAWINGS AND LANDSCAPING CONTRACTOR INFORMATION FOR ADDITIONAL GROUND COVER, GRADING, DRAINAGE AND VEGETATION INFORMATION.

DIVISION 3: CONCRETE

1. REFER TO STRUCTURAL DRAWINGS FOR REQUIRED CONCRETE DESIGN, MIXTURE, STRENGTHS, RATIOS, REINFORCING, ANCHORAGE, PLACEMENT AND

2. AN APPROVED MOISTURE BARRIER SHALL BE INSTALLED BENEATH ALL SLABS ON GRADE (U.N.O.).

3. ALL CONCRETE WORK SHALL BE PERFORMED IN COMPLIANCE WITH FINISHED SURFACE MANUFACTURER'S SPECIFICATIONS. ALL TESTS AND INSPECTION FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

4. ALL SUB-GRADE CONCRETE WALLS TO RECEIVE DAMPPROOFING, INSTALLED PER MANUFACTURER'S INSTRUCTIONS

5. EXPOSED CONCRETE SURFACES SHALL BE INSTALLED IN COMPLIANCE WITH GOVERNING CODES INCLUDING ACCESSIBILITY REQUIREMENTS AND SLIP - BROOM FINISH TYP. (COORD. FINIAL SELECTION WITH OWNER & ARCHITECT).

DIVISION 4: MASONRY

1. PROVIDE MASONRY ASSEMBLIES AS INDICATED ON DRAWINGS INCLUDING ALL NECESSARY REINFORCING, TIES, ANCHORS, FLASHING, FASTENERS, WEEPS, SCREEDS, MESHES, WRAPS AND MORTAR MATERIALS REQUIRED FOR A COMPLETE AND WATER PROOF INSTALLATION, PER MANUFACTURER'S SPECIFICATIONS.

2. PROVIDE EXPANSION AND CONTROL JOINTS AS REQUIRED BY SYSTEMS MANUFACTURER. VERIFY LOCATIONS WITH ARCHITECT PRIOR TO PLACEMENT

3. FURR EXISTING BUILDING STRUCTURAL ELEMENTS AS REQUIRED TO ACCOMMODATE ELECTRICAL COMPONENTS

4. MODIFICATIONS TO EXISTING STRUCTURE:

THE CONTRACTOR IS RESPONSIBLE FOR THE STRUCTURAL SUPPORT OF ALL CHANGES MADE TO, AND ALL ADDITIONAL LOADS PLACED ON, THE EXISTING BUILDING STRUCTURE, NOTIFY ARCHITECT OF STRUCTURAL MODIFICATIONS PRIOR TO PERFORMING THE WORK

DIVISION 5: METALS

1. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL STEEL MEMBER, ANCHORAGE, ASSEMBLIES, DECKING AND COLD FORMED STEEL FRAMING SIZES, GAUGES AND SPACING INFORMATION AND SPECIFICATIONS.

2. PROVIDE ALL ACCESSORY ITEMS, FASTENERS AND FEATURES REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM IN COMPLIANCE WITH GOVERNING CODES, REGULATIONS AND MFR. SPECIFICATIONS.

3. CAREFUL ATTENTION MUST BE GIVEN TO THE COORDINATION OF INTERIOR FRAMING SYSTEMS AND EXISTING BUILDING SYSTEMS. TO REMAIN.

4. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TO REMAIN, AS WELL AS NEW, RATED WALL ASSEMBLIES, WHICH ARE REQUIRED TO CONFORM WITH GOVERNING BUILDING CODE CRITERIA FOR FIRE RATED SEPARATIONS.

5. PROVIDE FIRE RETARDANT WOOD BLOCKING IN PARTITION CAVITIES WHERE CASEWORK, SHELVING, GLAZING, ETC. ARE INDICATED TO BE SUPPORTED ON PARTITION. BLOCKING AND BRACING TO STRUCTURE ABOVE ALL PARTITIONS IS TO BE OF FIRE RETARDANT WOOD OR METAL.

6. FIRE SEAL ALL PENETRATIONS THROUGH RATED WALLS, FLOORS, AND CEILINGS WITH APPROVED FIRE RATED CAULK AS DIRECTED BY LOCAL

7. FINISH FACE OF NEW PARTITION IS TO ALIGN WITH FINISH FACE OF ADJACENT SURFACE AS INDICATED. WHERE WALLS ARE BUILT TO ALIGN WITH ONE SIDE OF A COLUMN, STUDS TO ALIGN WITH FACE OF COLUMN SO THAT GYPSUM BOARDS WILL BE CONTINUOUS ACROSS STUDS AND FACE OF

8. PROVIDE DOUBLE STUDS AT JAMBS OF ALL DOOR FRAMES, END WALL CONDITIONS AND CASED OPENINGS (TYP.)

DIVISION 6: WOOD & PLASTICS

1. SHEET MATERIALS: "BASIS OF DESIGN" (MILLWORK AND CABINETRY

A. 3/4" THICK PLYWOOD OR 11/16" THICK MDF FOR COUNTERTOP SUBSTRATE. B. 3/4" THICK PLYWOOD OR 5/8" THICK MDF FOR DOORS, DRAWER FRONTS, MID OR END PANELS SUBSTRATE.

C. 1/2" THICK PLYWOOD OR 1/2" THICK MDF FOR CABINET BACKS.

D. 1/4" THICK MINIMUM MELAMINE FINISH PLYWOOD FOR DRAWER BOTTOMS. E. 3/4" THICK PLYWOOD OR 11/16" OR 5/8" THICK MDF FOR ALL SHELVING. USE 1-1/2" DEEP NOSE ON ALL APPLICATIONS WHERE SPAN EXCEEDS 30".

2. FINISHES: "BASIS OF DESIGN" A. ALL EXPOSED CABINET EXTERIOR SURFACES ARE TO BE CLAD IN HIGH DENSITY PLASTIC LAMINATES UNLESS NOTED OTHERWISE.

(VERIFY FINAL SELECTION WITH OWNER.) B. ALL EXPOSED CABINET INTERIOR SURFACES, INCLUDING SHELVING AND DRAWERS ARE TO BE CLAD IN LOW DENSITY (WHITE) MELAMINE PLASTIC LAMINATE UNLESS NOTED OTHERWISE. (VERIFY FINAL SELECTION WITH OWNER.)

3. CABINET CONSTRUCTION IS TO BE FLUSH OVERLAY OR EUROPEAN STYLE WITH A STANDARD 1/8" REVEAL AT ALL PANEL DIVISIONS. (VERIFY FINAL SELECTION WITH OWNER.)

4. CABINET HARDWARE: "BASIS OF DESIGN" (VERIFY FINAL SELECTION WITH OWNER.)

A. CABINET DOOR HINGES TO BE BLUM MODUL HINGE SERIES, 100 DEGREE, SELF CLOSING, CONCEALED OR APPROVED EQUAL.

B. DRAWER SLIDES TO BE KNAPE/VOGT #1284 EPOXY COATED OR APPROVED EQUAL

C. CABINET ADJUSTABLE SHELF STANDARDS AND SUPPORTS TO BE KNAPE/VOGT #'S 255/256 ALUMINUM OR APPROVED EQUIVALENT D. DOOR-DRAWER PULLS TO BE 3-1/2" BRUSHED ALUMINUM WIRE PULLS UNLESS NOTED OTHERWISE.

5. PREPARE COMPLETE SHOP/WORKING DRAWINGS OF ALL MILLWORK AND CABINETRY ITEMS BASED ON FIELD DIMENSIONS AND SUBMIT TO ARCHITECT / OWNER FOR APPROVAL PRIOR TO ORDERING AND FABRICATING MATERIALS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING FIRE-RETARDANT BLOCKING AND BRACING AT ALL LOCATIONS AS REQUIRED TO SUPPORT DESIGNATED MILLWORK AND/OR CABINETRY.

6. FINISH WORK IS TO BE SMOOTH, FREE FROM ABRASION, TOOL MARKS, RAISED GRAIN, ETC. ON ALL EXPOSED SURFACES.

7. ALL FASTENINGS AND ATTACHMENTS ARE TO BE FULLY CONCEALED FROM VIEW.

8. ALL MILLWORK IS TO BE FABRICATED AND INSTALLED IN ACCORDANCE WITH AWI STANDARDS FOR CUSTOM GRADE CONSTRUCTION.

9. FOR ALL STAIN GRADE MILLWORK, SUBMIT STAIN OR NATURAL FINISH SAMPLE ON ACTUAL WOOD MATERIAL USED FOR ARCHITECT'S / OWNER'S APPROVAL PRIOR TO APPLICATION.

E. WALL MOUNTED SHELVING REQUIRES KNAPE/VOGT HEAVY DUTY ZINC COATED STEEL #83 STANDARDS AND #183 BRACKETS UNLESS NOTED OTHERWISE.

10. WHERE CARPENTRY AND MILLWORK ABUTS OTHER FINISHED WORK, SCRIBE, MITRE AND CUT FOR ACCURATE FIT. BEFORE MAKING CUT-OUTS, DRILL PILOT

11. PROJECT CLEANUP IS TO INCLUDE A "VACUUM CLEAN" INTERIOR SPACE WITH RESTORATION TO "LIKE NEW" CONDITIONS OF ALL DAMAGED SURFACES AND 12. VERIFY PLACEMENT OF POWER/TELEPHONE OUTLETS BELOW COUNTERTOPS AND OF FIXTURES AND GROMMETS IN COUNTERTOPS. SHOP DRAWINGS ARE

TO NOTE PLACEMENT FOR VERIFICATION. 13. VERIFY SIZE, THICKNESS AND GRADE OF ALL SHEET, SHEATHING, DECKING AND FRAMING MATERIALS PER USAGE, EXPOSURE AND MANUFACTURER'S

SPECIFICATIONS.

14. VERIFY SIZE, GRADE AND SPECIFICATIONS OF ALL STRUCTURAL MEMBERS WITH STRUCTURAL ENGINEER.

DIVISION 7: THERMAL & MOISTURE PROTECTION

1. PROVIDE COMPLETE AND WATER PROOF ROOFING SYSTEM INSTALLATIONS ACCORDING TO MANUFACTURER'S INSTRUCTIONS, REFER TO NEW CONNECTION PLANS ANS SECTIONS FOR B.O.D. INFORMATION.

2. COORDINATE NEW CONSTRUCTION WITH EXISTING ROOFING, SURFACE AND SUB-SURFACE DRAINAGE SYSTEMS TO

FACILITATE POSITIVE DRAINAGE AWAY FROM THE BUILDING AND EXISTING EXTERIOR FEATURES, TO REMAIN. 3. PROVIDE BUILDING INSULATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO INSURE A COMPLETE

CONDITIONED ENVELOPE. COORDINATE TYPES, THICKNESSES, PLACEMENT AND ACCESSORIES TO MINIMIZE AIR "LEAKAGE" AND MAXIMIZE EFFICIENCY OF MECHANICAL CLIMATE CONTROL SYSTEMS. ROOF INSULATION: R-38 (MINIMUM)

- EXTERIOR WALLS: R-20(MINIMUM) - WALLS BELOW GRADE: R-13 (MINIMUM)

4. APPROXIMATE R VALUE, PER INCH OF MATERIAL (FOR REFERENCE ONLY) FIBER GLASS BATT = 3.2

EXPANDED POLYSTYRENE BOARD = 3.8 POLYURETHANE FOAM = 5.9

FOIL FACED POLYISOCYANURATE BOARD = 7

5. PROVIDE COMPLETE AND WATER PROOF ROOFING SYSTEM INSTALLATIONS ACCORDING TO MANUFACTURER'S

6. COORDINATE ALL FINAL FINISH CONDITIONS IN CONNECTION WITH EXISTING BUILDING SYSTEMS TO PROVIDE A COMPLETE AND EFFICIENT THERMAL ENVELOPE.

7. PROVIDE SHEET METAL, FLASHING AND SEALANT FOR A COMPLETE AND WATER PROOF INSTALLATION, INCLUDING ANY ACCESS AREAS, OPENINGS AND SYSTEM PENETRATIONS.

8. INSTALL SNOW GUARDS ON ROOF LOCATIONS AS DIRECTED BY OWNER.

9. INSTALL ALL ROOF ACCESSORIES WITH THE REQUIRED FLASHING. SEALANT AND CRICKETS TO INSURE WATER TIGHT INSTALLATION AND POSITIVE DRAINAGE. VERIFY ALL, EXISTING BUILDING SYSTEMS AFFECTED BY THE SCOPE OF WORK, INCLUDING, DOWNSPOUT AND GUTTER LOCATIONS AND CAPACITIES.

10. COORDINATE ANY NEW AND AFFECTED GUTTER AND DOWNSPOUT SYSTEMS, VERIFY POSITIVE DRAINAGE AND FINAL FLOW AWAY FROM BUILDING IN ACCORDANCE WITH SITE GRADING AND CIVIL ENGINEERING DOCUMENTS (WHICH MAY BE ISSUED UNDER SEPARATE COVER) INCLUDING ALL UTILITY AND SITE ENGINEERING PLANS.

11. COORDINATE FINAL INTERIOR FINISH WORK WITH ALL WINDOW AND DOOR SYSTEM WATER MANAGEMENT DEVICES TO INSURE PROPER FUNCTION AND POSITIVE DRAINAGE AWAY FROM BUILDING.

DIVISION 8: DOORS & WINDOWS

1. REFER TO DRAWINGS AND SCHEDULES FOR "BASIS OF DESIGN" DOOR AND WINDOW SYSTEMS. FULL SYSTEMS ARE

2. OVERHEAD COILING DOORS & SHUTTERS: B.O.D.= RAYNOR "DuraCoil" BASIC.

4. ALL HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS ARE TO HAVE A SHAPE THAT IS

5. TYPICAL DOOR LOCATION TO BE SET AT SIX INCHES (6") FROM INSIDE JAMB FACE OF DOOR TO FACE OF ADJACENT WALL, UNLESS OTHERWISE NOTED.

DIVISION 9: FINISHES

1. ALL SUBCONTRACTORS AND FINISH INSTALLERS ARE RESPONSIBLE FOR FIELD VERIFYING CONDITIONS PRIOR TO ORDERING MATERIALS, AND FOR PROPER SUBSTRATE PREPARATIONS PRIOR TO APPLICATION / INSTALLATION OF

2. ALL MISCELLANEOUS GRILLES, PLATES, ETC. ARE TO BE PAINTED TO MATCH THE SURFACES ON WHICH THEY OCCUR UNLESS NOTED OTHERWISE. ALL METAL SURFACES ARE TO BE PRIMED PRIOR TO PAINTING. INSIDE OF VISIBLE DUCT WORK IS TO BE PAINTED FLAT BLACK.

3. SUPPLY AND INSTALL ALL FLOOR FINISHES AND WALL BASE. ALL SURFACES TO RECEIVE FLOOR COVERING ARE TO BE SMOOTH, EVEN AND FREE OF DEFECTS. SURFACES NOT MEETING SUBSTRATE CONDITIONS ARE TO BE REPAIRED, PATCHED AND LEVELED.

TILES INTO TOE SPACES, DOOR REVEALS, CLOSETS AND SIMILAR OPENINGS. INSTALL TILES SO THAT GRAINING IN ALL TILES RUNS IN THE SAME DIRECTION. UNLESS NOTED OTHERWISE, MATCH TILES FOR COLOR AND PATTERN BY USING TILES FROM CARTONS IN SAME SEQUENCE AS MANUFACTURED AND PACKED. CUT TILE NEATLY TO AND AROUND ALL FIXTURES. DISCOLORED, CHIPPED OR CRACKED TILE WILL NOT BE ACCEPTED.

THE CORRIDOR TURNS, THE DIRECTION OF THE NAP MUST NOT TURN). CARPET REDUCER STRIP IS TO BE INSTALLED AT THE THRESHOLD WHERE CARPET MEETS TILE FLOORING OR OTHER MATERIALS. CARPET IS TO BE BUTT JOINTED AND DIRECTLY GLUED TO SUBSTRATE UNLESS OTHERWISE NOTED. A SEAMING DIAGRAM SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO BEGINNING OF WORK, ALL CARPET WITHIN A ROOM SHALL BE FROM ONE DYE LOT. CARPET TO CARPET SEAMS AND/OR CARPET TO TILE FLOORING TRANSITIONS AT DOORWAYS ARE TO OCCUR DIRECTLY UNDER CENTERLINE OF DOOR. WHERE CARPET INSERTS OCCUR, CARPET BORDERS SURROUNDING INSERTS ARE TO BE MITERED AT CORNERS. CONTRACTOR IS TO PROTECT CARPET DURING REMAINDER OF CONSTRUCTION PERIOD SO THAT CARPET WILL BE IN AN UNDAMAGED AND UNSOILED CONDITION AT TIME OF COMPLETION. NON-STAINING COVER MATERIAL TO BE USED FOR PROTECTIVE COVER.

6. ALL PAINTED SURFACES ARE TO RECEIVE ONE (1) PRIME COAT AND A MINIMUM OF TWO (2) FINISH COATS OR AS REQUIRED FOR PROPER COVERAGE/UNIFORM APPEARANCE. INSTALL PER MANUFACTURER'S SPECIFICATIONS. APPLY ADDITIONAL COATS WHEN UNDERCOATS OR OTHER CONDITIONS SHOW THROUGH FINAL COAT OF PAINT. UNTIL PAINT FILM IS OF UNIFORM FINISH, COLOR AND APPEARANCE. GENERAL CONTRACTOR IS TO SUBMIT (3) 8" X 10" PAINT SAMPLES SHOWING COLOR AND FINISH TO ARCHITECT / OWNER FOR APPROVAL PRIOR TO PAINTING. UNDERSIDE OF SOFFITS TO BE PAINTED SAME COLOR AS FACE OF SOFFIT. GYPSUM BOARD SURFACES ARE TO RECEIVE INTERIOR SATIN LATEX FINISH; DOOR FRAMES ARE TO RECEIVE SEMI-GLOSS FINISH, UNLESS OTHERWISE

9. REFER TO ELEVATIONS AND SECTIONS FOR FURTHER LOCATIONS OF SCHEDULED FINISHES. COORDINATE FINAL SELECTION WITH OWNER.

PRIOR TO ATTACHMENT OF PHONE EQUIPMENT.

12. ALL RESTROOM WALLS WITHIN 2 FEET OF WATER CLOSETS & URINALS SHALL HAVE A SMOOTH, HARD,

11. ALL RESTROOM WALLS ARE TO BE PROVIDED WITH A SMOOTH, HARD, NONABSORBENT BASE THAT EXTENDS

13. FLOORS MUST NOT EXCEED A SLOPE OF 1/8" PER 10'-0" OF RUN FOR LEVELNESS. GENERAL CONTRACTOR TO VERIFY FLOOR CONDITIONS AND EXCEPTIONS (FLOOR DRAIN LOCATIONS, ETC.)

14. GYPSUM WALLBOARD CEILINGS ARE TO BE PAINTED TO MATCH THE STANDARD ACOUSTICAL CEILING TILE, UNLESS NOTED OTHERWISE.

15. SUSPENDED ACOUSTIC CEILING SYSTEM: B.O.D = ARMSTRONG "CIRRUS" A.C.T. SYSTEM

TO BE INSTALLED IN ACCORDANCE WITH MFR'S. SPECIFICATIONS, IN COMPLIANCE WITH GOVERNING CODES.

COORDINATE INSTALLATION AND SCHEDULING WITH OWNER (TYP.).

3. ALUMINUM STOREFRONT SYSTEMS: B.O.D. = KAWNEER TRIFAB 451 UT COORDINATE INSTALLATION AND SCHEDULING WITH OWNER (TYP.).

EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING. TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. PANIC HARDWARE TO BE INSTALLED IN COMPLIANCE WITH CODE, WERE REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

4. INSTALL ALL FLOORING IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. BUTT TILES TIGHTLY TO ADJACENT VERTICAL SURFACES, THRESHOLDS, NOSINGS AND EDGES. SCRIBE AROUND OBSTRUCTIONS. EXTEND

5. THE NAP OF ALL CARPET IN A GIVEN AREA MUST RUN IN THE SAME DIRECTION, EVEN IN CORRIDORS. (EXAMPLE: IF

7. ALL INTERIOR FINISHES SHALL BE CLASS "A" (U.N.O.)

UPWARD ONTO THE WALL AT LEAST 4".

8. PROVIDE RUBBER OR VINYL EDGE GUARD AT ALL TILE TO CARPET TRANSITIONS. COLOR TO MATCH ADJACENT COVE BASE UNLESS NOTED OTHERWISE.

10. FIRE-RATED PLYWOOD TELE/DATA BOARD(S) ARE TO BE PAINTED TO MATCH COLOR OF WALL WHERE INSTALLED

NONABSORBENT FINISH TO A HEIGHT OF 4 FEET (MINIMUM). THE FINISHED MATERIAL MUST NOT BE ADVERSELY AFFECTED BY MOISTURE.

QT CTRL:

SPECIFICATIONS / NOTES CONTINUE ON SHEET A004

First Baptist Church of Milford 1367 Woodville Pike Milford, OH 45150 513-575-170 TITLE: GENERAL NOTES SPECIFICATIONS

COLORADO

DONNELL PAUL, A.I.A.

CONTACT

M

970.988.9060

JOB: 2216.01 DRAWN: DWP

DIVISION 10: SPECIALTIES

1. TOILET ACCESSORIES: SEE DRAWINGS FOR B.O.D. INFORMATION. ALL ITEMS TO BE INSTALLED IN COMPLIANCE WITH GOVERNING CODES ACCORDING TO MFR. INSTRUCTIONS.

2. TOILET PARTITION SYSTEMS : B.O.D. = BOBRICK "DURALINE" CGL 1180 SERIES

(TOILET / SHOWER PARTITIONS, DRESSING COMPARTMENTS AND URINAL SCREENS) VERIFY FINAL SELECTIONS AND FINISHES **WITH OWNER**

3. DRESSING COMPARTMENT & SHOWER CURTAIN TRACKS ARE INTENDED TO BE CONCEALED IN PARTITION SYSTEM HEADRAILS (OVERHEAD BRACED - TYP.)

B.O.D. = BOBRICK B-204-2 & B-204-3 CURTAINS (CURTAIN TRACK: 1000375) (CURTAIN PACKET: 1000862)

COORDINATE FINAL SELECTIONS WITH OWNER.

4. FIRE EXTINGUISHERS SHALL BE INSTALLED PER CODE. ONE PER 3000 USABLE SQ. FT. OR 75 FT. OF TRAVEL IS RECOMMENDED AT A MINIMUM

FIRE EXTINGUISHER: 4A:80B:C/10 LB CAPACITY

FIRE EXTINGUISHER HANDLE: LARSEN'S MP10 MOUNTED @ 48" A.F.F.

FIRE EXTINGUISHER CABINET: LARSEN'S AL-2409-R2 WITH AL-SOLID DOOR, PRIMED TO RECEIVE ALKYD SEMI-GLOSS FINISH. DOOR HANDLE COLOR: WHITE

5. MOVABLE PARTITION SYSTEMS: B.O.D. = "ACOUSTI-SEAL" MOVABLE WALLS BY MODERNFOLD COORDINATE FINAL SELECTION, INSTALLATION AND SCHEDULING WITH OWNER (TYP.).

6. FOLDING WALL SYSTEMS: B.O.D. = NANAWALL "NW ACOUSTICAL 645" FOLDING WALL COORDINATE FINAL SELECTION, INSTALLATION AND SCHEDULING WITH OWNER (TYP.).

DIVISION 12: FURNISHINGS

1. WALK -OFF MATS: B.O.D. = "WATER HOG" CLASSIC BY THE ANDERSEN COMPANY INSTALLED IN COMPLIANCE WITH GOVERNING CODES INCLUDING ACCESSIBILITY AND SLIP RESISTANCE STANDARDS. VERIFY FINAL SELECTION AND LOCATIONS WITH OWNER.

2. SITE FURNISHINGS SHALL BE COORDINATED WITH CIVIL ENGINEERING DOCUMENTS, UNDER SEPARATE COVER.

3. VERIFY FINAL FINISHES & OPTIONS WITH OWNER

MIN. MIN. C **INSULATE** A **NOTE: UNDERSIDE** OF SINK AND PIPES 18" **MUST CONFORM TO** TO FINISH ANSI DIMENSIONS. **FRONT SIDE**

SEE SHEET A110 FOR TOILET ACCESSORY TAG LEGEND

2'-6"

STANDARD

SEE ROOM FINISH

39" - 41"

12"

MAX.

SCHEDULE FOR

TOILET PARTITION

CLEAR

HC URINAL

FAUCET HANDLES

MUST CONFORM

REQUIREMENTS

TO ANSI

URINALS

3 LAVATORY DETAIL - CLEARANCES

MAX.

Design/System/Construction/Assembly Usage Disclaimer Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products,

equipment, system, devices, and materials. Authorities Having Jurisdiction should be consulted before construction

• Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field. When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the

design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.

Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

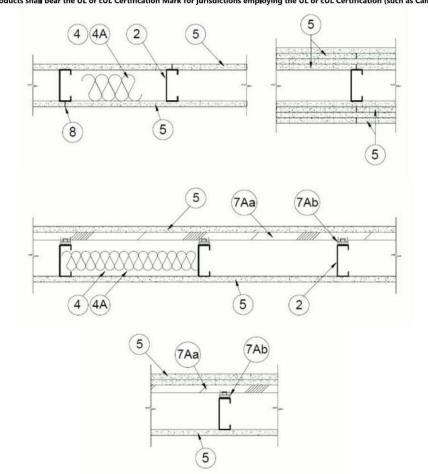
Design Criteria and Allowable Variances

Design No. U419

March 15, 2024

UL Product iQ®

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5J) * Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. Floor and Ceiling Runners — (Not Shown) — For use with Item 2 — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

1A. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

CEMCO, LLC - Viper25™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track IMPERIAL MANUFACTURING GROUP INC — Viper25™ Track

EXCERPT FROM UL APPROVED FRAMING SYSTEM (FOR REFERENCE) - CONTINUES ON A103

1B. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. CEMCO, LLC — Viper20™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track

1C. Framing Members* — Floor and Ceiling Runners — (Not Shown) — In lieu of Item 1 — Channel shaped, attached to floor and ceiling with fasteners 24 in. OC.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20 CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20 SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20 UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

1D. Floor and Ceiling Runners — (Not Shown) — For use with Item 2A — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1E. Framing Members* — Floor and Ceiling Runners — (Not Shown, As an alternate to Item 1) — For use with Items 2E, 5F or 5G or 5I only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK DMFCWBS L L C - ProTRAK

MBA METAL FRAMING - ProTRAK RAM SALES L L C — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS L L C - Tri-S ProTRAM

1F. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2F, proprietary channel shaped runners, minimum width to accommodate stud size, with 1-1/8 in. long legs fabricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced SUPER STUD BUILDING PRODUCTS - The Edge

1G. Framing Members* — Floor and Ceiling Runner — For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners 24 in. OC max.

1H. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.018 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC. MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100 IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track VT100

11. Framing Members* — Floor and Ceiling Runners — (Not Shown, As an alternate to Item 1) — For use with Items 2H, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max. TELLING INDUSTRIES L L C — TRUE-TRACK™

1J. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2I, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

1K. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2J, proprietary channel shaped runners, 1-1/4 in. wide by 3-

1L. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2N, proprietary channel shaped runners, 1-1/4 in. wide by min. 3-1/2 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. RESCUE METAL FRAMING, L L C — AlphaTRAK

5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

1M. Framing Members* — Floor and Ceiling Runners — Not Shown — As an alternate to Item 1 — For use with Item 2O, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. RONDO BUILDING SERVICES PTY LTD — Rondo Wall Track

ACCESSIBLE TOILET FIXTURE ELEVATIONS

1N. Framing Members* — Floor and Ceiling Runners — Not Shown — As an alternate to Item 1 — For use with Item 2P, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. **OEG BUILDING MATERIALS** — OEG Track

10. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 20. proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max. CEMCO, LLC - Viper X Track

1P. Framing Members* — Floor and Ceiling Runner — (Not Shown — Alternate to Item 1) — For use with Item 2R, channel shaped runners pre-equipped with proprietary attachment clips. Min. 3-5/8 in. wide. Legs of top runners minimum 3-1/4 in. wide. Legs of bottom runners minimum 1-1/2 in. wide. Runners attached to floor and ceiling with fasteners 24 in. OC

1Q. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 25, proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 20 EQ/22 mils. (min. 0.0221 in. thick) galvanized steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. JJC INTERNATIONAL DISTRIBUTORS — Non-structural Tracks 3-5/8" and 6"

1R. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2T, proprietary channel shaped runners, min width to accommodate stud IRONLINE METALS LLC — Bantam Track. 2. Steel Studs — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be

2A. Steel Studs — (As an alternate to Item 2, For use with Items 5B, 5E, 5H, 5J or Type ULIX) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv

2B. Framing Members* - Steel Studs — (As an alternate to Item 2, For use with Items 5C, 5I or Type ULIX) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. CEMCO, LLC — Viper25™

CRACO MFG INC — SmartStud25" MARINO/WARE, DIV OF WARE INDUSTRIES INC - Viper2574 IMPERIAL MANUFACTURING GROUP INC — Viper25™

DRINKING FOUNTAINS

D

12"

24"

2C. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights. CEMCO, LLC — Viper20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ IMPERIAL MANUFACTURING GROUP INC - Viper20TM

2D. Framing Members* — Steel Studs — In lieu of Item 2 — Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20 QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20 SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20 TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20 UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

2E. Framing Members* — Steel Studs — (Not Shown, As an alternate to Item 2) — For use with Items 5F or 5G or 5I or Type ULIX only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS L L C - ProSTUD MBA METAL FRAMING — ProSTUD RAM SALES L L C - Ram ProSTUD STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD 2F. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights. SUPER STUD BUILDING PRODUCTS — The Edge

2G. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut STUDCO BUILDING SYSTEMS — CROCSTUD

2H. Framing Members* — Steel Studs — (Not Shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. TELLING INDUSTRIES L L C — TRUE-STUD™

RESCUE METAL FRAMING, L L C — AlphaSTUD

2J. Framing Members* — Metal Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights

2K. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. EB METAL INC - NITROSTUD

2L. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected stee min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

2M. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in, OC. Studs to be cut 3/8 to 3/4 in, less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2N. Framing Members*—Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min depth 3-1/2 in. and as indicated under Item 5, spaced

a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in length than assembly height.

20. Framing Members* — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max. RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud

2P. Framina Members* — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, min 25 MSG galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max. OEG BUILDING MATERIALS - OEG Stud

2Q. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1O, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights. 2R. Framing Members* — Steel Studs — (Not Shown — Alternate to Item 2, For use with Item 1P) — Channel shaped steel studs with attachment dips at top and bottom, min 3-5/8 in. depth, spaced a max of 24 in. OC. Studs clipped into floor and ceiling runners (Item 1P). Max 2-3/8 in. extension reveal from top of stud to inside of ceiling runner.

2S. Framina Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1Q, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min. 20 EQ/22 mils. (min. 0.0221 in. thick) galvanized steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights. JJC INTERNATIONAL DISTRIBUTORS — Non-structural Studs 3-5/8" and 6".

2T. Framing Members* — Steel Studs — Not Shown — In Jieu of Item 2 — For use with Item 1R, proprietary channel shaped steelstuds, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights. IRONLINE METALS LLC — Bantam Stud.

3. Wood Structural Panel Sheathing — (Optional, For use with Item 5 Only) — (Not Shown) — 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in.

4. Batts and Blankets* — (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under

See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies

PAPER TOWEL

SURFACE

TOILET ACCESSORIES MOUNTING HEIGHTS

SANITARY

NAPKIN

DISPOSAL

SEE PLAN FOR WALL

-WATER RESISTANT

GYP. SHEATHING AT

WHITE PLASTIC

SUPPLY

LINES (TYP.)

WRAPPED DRAIN &

PRE-FITTED INSULATION

ALL R.R. LOCATIONS

MTD. PAPER

MTD. SOAP

 $\dashv = +$

1'-5" MIN.

MIRROR

SEALANT

FAUCET

SINK

CONT. CLEAR

DISPENSER/

RECEPTACLE

SANITARY

DISPENSER

HOOK

NAPKIN

4A. Batts and Blankets* — (Optional – as an alternate to item 4) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

4B. Fiber, Sprayed* — (Optional – as an alternate for items 4 or 4A, for use with Type ULIX) Where insulation is required - Spray applied granulated mineral fiber material. The fiber is applied with adhesive at a minimum density of 4.0 pcf to completely fill the wall cavity in accordance with the application instructions supplied with the product. See **Fiber, Sprayed** (CCAZ). AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

- ACCESSIBLE SINK DESIGN

THE SINK OR PLUMBING MAY CROSS THIS LINE

- NO PORTION OF

LIMITS

4C. Foamed Plastic* — (As an alternate for items 4, 4A or 4B, for use with Item 5K) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for 2 hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MSG steel thicknes CARLISLE SPRAY FOAM INSULATION — Types SealTite ONE, SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OCX, SealTite Pro No Trim 21, SealTite Pro One Zero, Foamsulate Closed Cell, Foamsulate OCX, Foamsulate 70, and Foamsulate HFO.

4D. Foamed Plastic* — (As an alternate for items 4, 4A or 4B, for use with Item 5K) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for up to 2 hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MSG steel thickness. BASF CORP - Enertite® NM, Enertite® G, FE178®, Spraytite® 178, Spraytite® 81206, Walltite® 200, Walltite® US, Walltite® US-N, Walltite P+, FE137®, FE158®, Spraytite® 158, Spraytite® SP, Spraytite® 81205, Spraytite® Comfort XL, Walltite® XL, and Walltite® MAX

5. Gypsum Board* — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. lorizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layer (multilayer systems) staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) with Type ULIX need not be staggered. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows Gypsum Board Protection on Each Side of Wall

Rating, Hr	Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O	Layers & Thkns of Panel	Thkns of Insulation (Item 4)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
2	3-1/2	1 layer, 3/4 in. thick	3 in.
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	2 layers, 3/4 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional
4	2-1/2	2 layers, 3/4 in. thick	2 in.

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Type C and 5/8 in. thick Type SCX

UNITED STATES GYPSUM CO — 1/2 in: thick Type C, IP-X2, IPC-AR or WRC; 5/8 in: thick Type SCX, SGX, SHX, ULIX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in: thick USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or

When Item 7B, Steel Framing Members*, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.

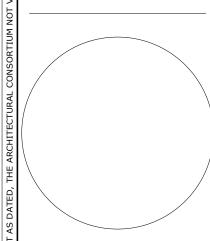
5A. Gypsum Board* — (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.

CGC INC — Type SHX. UNITED STATES GYPSUM CO — Type FRX-G, SHX.

USG MEXICO S A DE C V — Type SHX.

58. Gypsum Board* — (Not Shown) — As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or 3/4 in. thick products are

COLORADO CONTACT: DONNELL PAUL, A.I.A. 970.988.9060



Milfo J.

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First Baptist Church of Milford 1367 Woodville Pike Milford, OH 45150

TITLE: ACCESSIBITY **STANDARDS** ACCESSORIES 8 FIXTURES

JOB: 2216.01

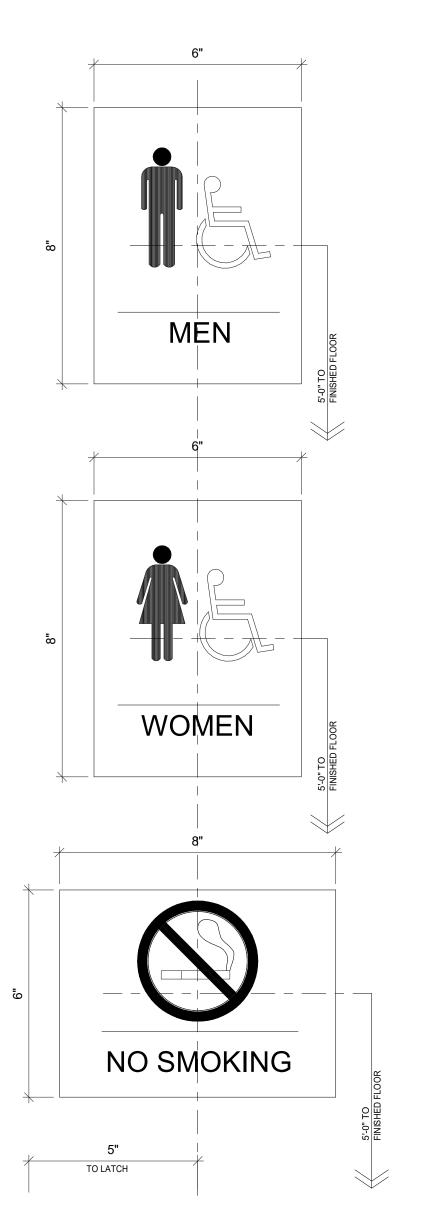
QT CTRL:

DRAWN: DWP

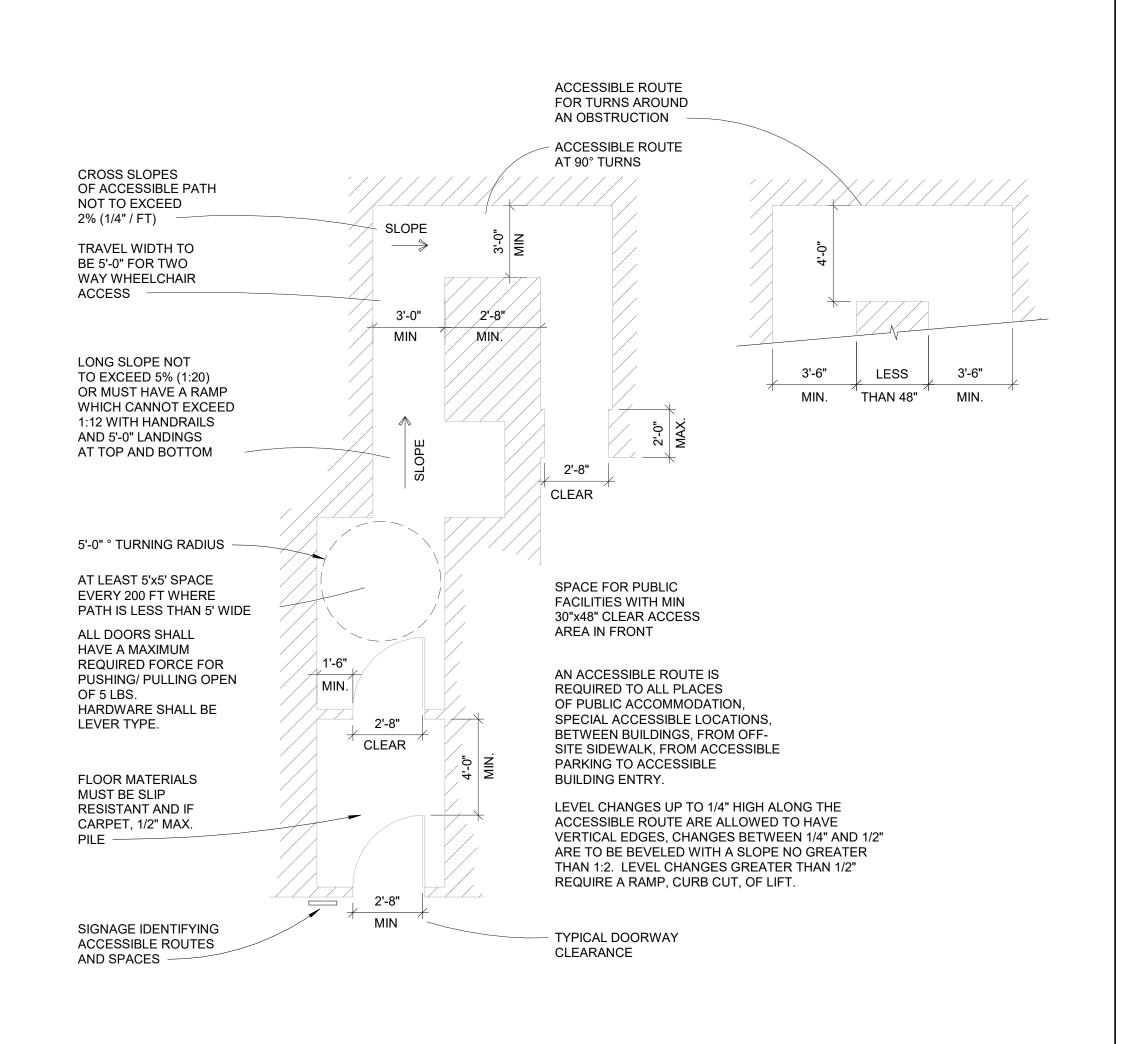
LETTER AND NUMBER HEIGHTS

HEIGHT ABOVE FLOOR / GROUND:	MINIMUM CHARACTER HEIGHT:	
MORE THAN 80"	3"	
MORE THAN 60" BUT NOT MORE THAN 80"	2"	
MORE THAN 48" BUT NOT MORE THAN 60"	1"	

H C ACCESSIBLE SIGN INFORMATION







ACCESSIBLE ROUTE CLEARANCES

LATCH SIDE APPROACH Y= 4'-6" MIN. IF DOOR HAS A CLOSER, OTHERWISE Y= 4'-0" MIN. Y= 4'-0" MIN IF DOOR HAS A CLOSER, OTHERWISE, Y= 3'-6" **HINGE SIDE APPROACH** Y= 4'-0" MIN IF DOOR HAS BOTH A CLOSER AND LATCH OTHERWISE Y= 3'-6" FRONT APPROACH X= 12" IF DOOR HAS BOTH A CLOSER AND LATCH, OTHERWISE X= 0" ACCESSIBLE DOOR CLEARANCES

ACCESSIBLE SIGNAGE TEXT REQUIREMENTS:

CHARACTER PROPORTIONS:

LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND A STROKE-WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10, UTILIZING AN UPPER CASE 'X' FOR MEASUREMENT.

CHARACTER HEIGHT:

SEE LETTER AND NUMBER HEIGHT CHART *EXCEPTION: CHARACTER HEIGHT SHALL BE 5/8" HIGH MINIMUM FOR BUILDING DIRECTORIES.

PICTOGRAMS:

WHERE PICTOGRAMS ARE REQUIRED, THEY SHALL HAVE A 6" MINIMUM SIZE MEASURED AT THE BORDER. WHERE TEXT DESCRIPTORS FOR PICTOGRAMS ARE REQUIRED, THEY SHALL COMPLY WITH THE TACTILE CHARACTER PROVISIONS OF RAISED CHARACTERS AND SYMBOLS, BRAILLE, AND LOCATION OF TACTILE SIGNAGE PORTIONS SHOWN ON CHART.

FINISH AND CONTRAST:

THE CHARACTERS, SYMBOLS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

RAISED CHARACTERS AND SYMBOLS:

CHARACTERS AND SYMBOLS ON TACTILE SIGNS SHALL BE RAISED 1/32" MINIMUM. RAISED CHARACTERS AND SYMBOLS SHALL BE IN UPPERCASE CHARACTERS. RAISED CHARACTERS AND SYMBOLS SHALL BE 5/8" HIGH MINIMUM, AND 2" MAXIMUM. RAISED CHARACTERS AND SYMBOLS SHALL BE ACCOMPANIED BY BRAILLE IN ACCORDANCE WITH THE PROVISIONS OUTLINED ON CHART.

BRAILLE:

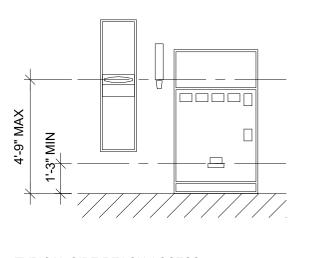
BRAILLE SHALL BE SEPARATED 1/2" MINIMUM FROM THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS. BRAILLE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS FOR ELEVATOR CONTROLS SHALL BE PLACED 3/16" MINIMUM BELOW THE CORRESPONDING CHARACTERS OR SYMBOLS. BRAILLE SHALL BE GRADE II AND SHALL CONFORM TO SPECIFICATION #800, NATIONAL LIBRARY SERVICE, LIBRARY OF CONGRESS.

LOCATION OF TACTILE SIGNAGE:

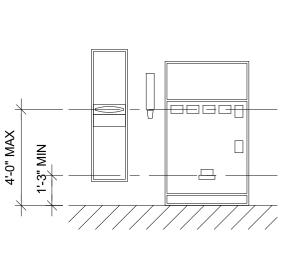
TACTILE SIGNAGE SHALL BE LOCATED ALONGSIDE THE DOOR ON THE LATCH SIDE AND SHALL BE MOUNTED AT 60" ABOVE THE ADJACENT FINISHED FLOOR TO THE CENTERLINE OF THE SIGN. IN LOCATIONS HAVING DOUBLE DOORS, TACTILE SIGNS SHALL BE MOUNTED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF THE DOOR, INCLUDING DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. SIGN SHALL BE MOUNTED SO THAT A PERSON MAY APPROACH WITHIN 3" OF THE SIGN WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING IN THE

GENERAL NOTE

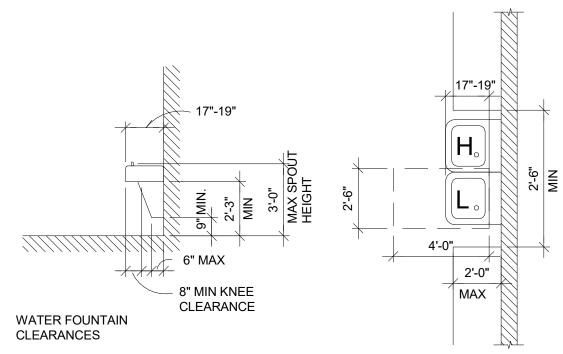
ANY ADDITIONAL TEXT REQUIRED DUE TO LOCAL ORDINANCES (FINES FOR PARKING IN ACCESSIBLE SPACES, ETC.) SHALL COMPLY WITH THE SIGNAGE REQUIREMENTS ABOVE.







TYPICAL FORWARD REACH ACCESS

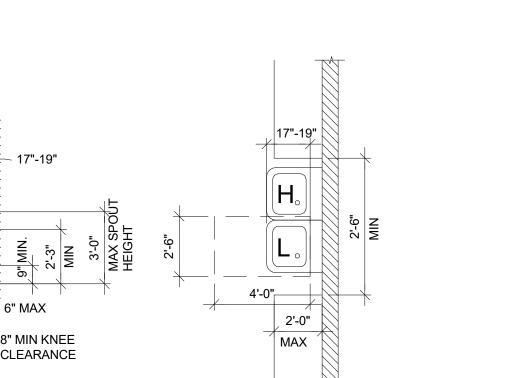


EXCEED FOUNTAIN DEPTH FREE-STANDING BUILT-IN

GENERAL ACCESSIBLE MOUNTING DETAILS

DRINKING FOUNTAIN CLEARANCES

FOUNTAIN OR COOLER



CLEAR FLOOR SPACE

FOUNTAIN OR COOLER

First Baptist Church of Milford 1367 Woodville Pike Milford, OH 45150

COLORADO

DONNELL PAUL, A.I.A.

CONTACT:

Milfo

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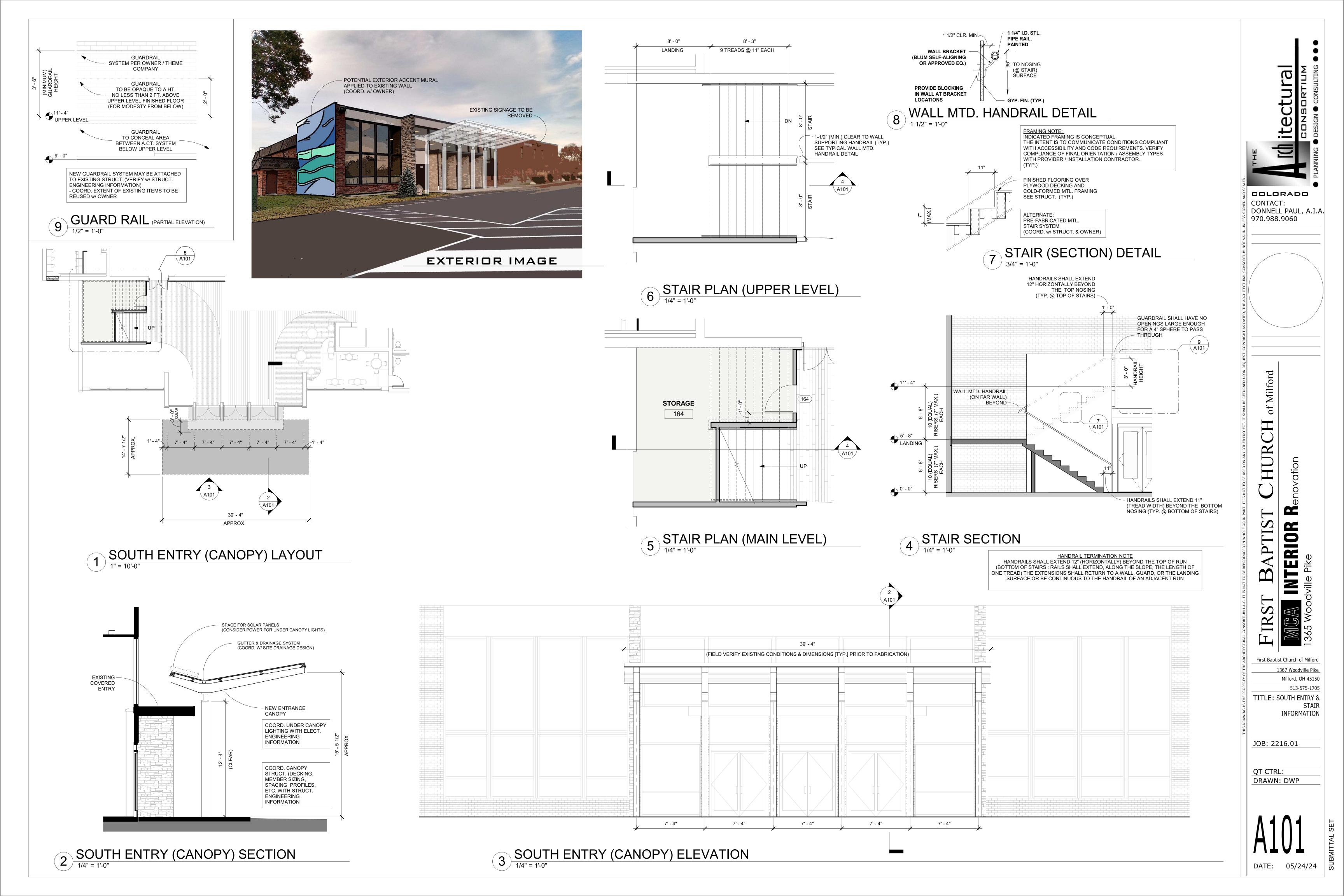
970.988.9060

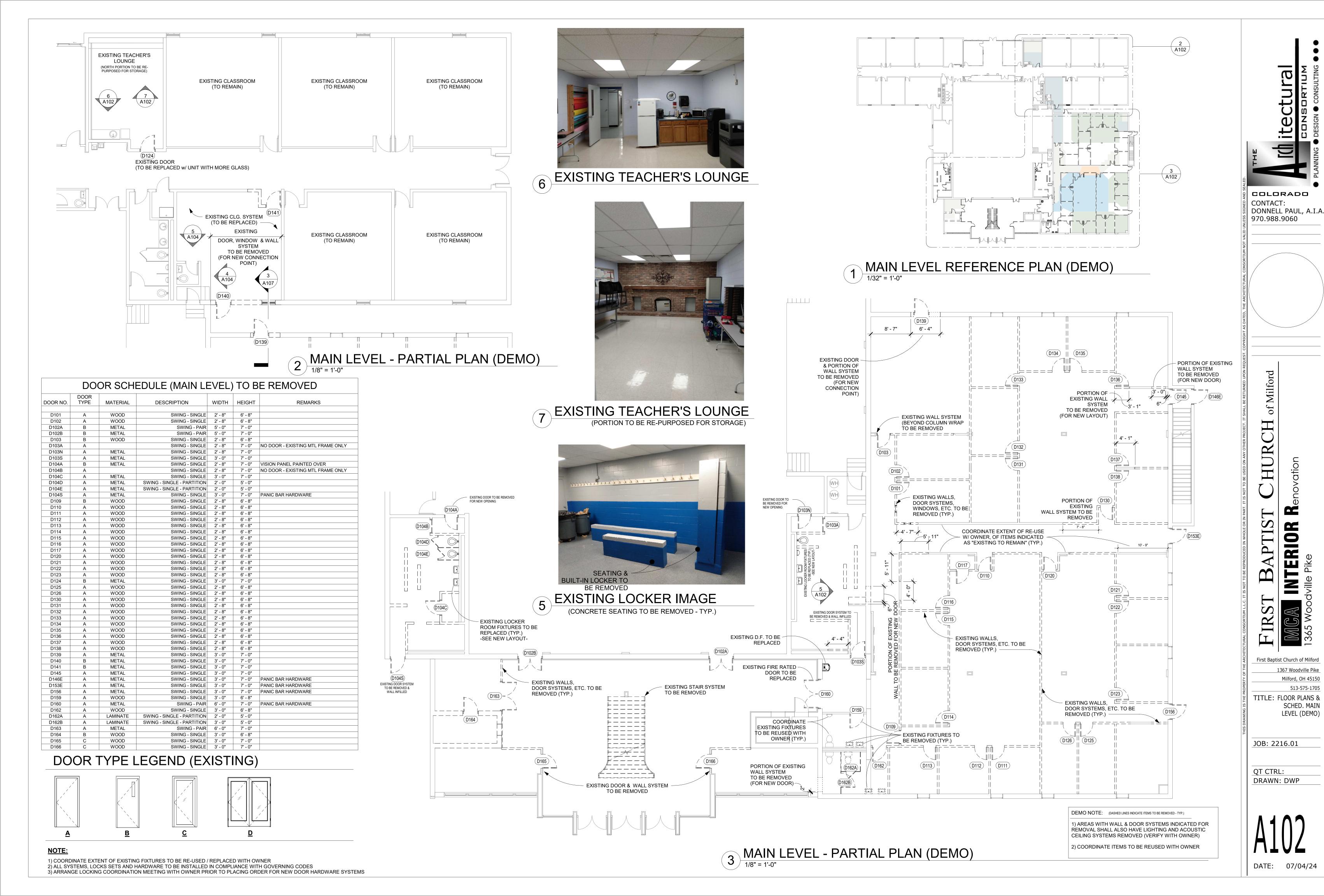
513-575-1705 TITLE: ACCESSIBITY STANDARDS

ERIOR

JOB: 2216.01

QT CTRL: DRAWN: DWP





in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item

5C. Gypsum Board* — (For Use With Item 2B) — Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in, from the edge of the board at the vertical edges and 12 in, OC starting 6 in, from the edge of the board at the center of each board. Gyosum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in, OC starting 6 in, from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in, OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX UNITED STATES GYPSUM CO — Type SCX, SGX, ULIX. USG BORAL DRYWALL SFZ LLC - Type SCX

5D. Gypsum Board* — (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and

CGC INC — Type USGX UNITED STATES GYPSUM CO — Type USGX

USG MEXICO S A DE C V — Type SCX

USG BORAL DRYWALL SFZ LLC - Type USGX USG MEXICO S A DE C V — Type USGX

5E. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. NEW ENGLAND LEAD BURNING CO INC. DBA NELCO - Nelco

5F. Gypsum Board* — (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in. THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX

UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX, ULIX USG BORAL DRYWALL SFZ LLC - 5/8 in. thick Type SCX, SGX

5G Gypsum Board* — (As an alternate to Item 5) — For use with Items 1F and 2F only. Gypsum panels with beyeled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Item 2E	No. of Layers & Thickness of Panel	Min Thkns of Insulation (Item 4)
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR;, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX or 3/4 in. thick Types IP-X3 or ULTRACODE

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Types C and 5/8 in. thick SCX

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR, ULIX; 3/4 in. thick Types IP-X3 or

USG BORAL DRYWALL SFZ LLC — 1/2 in Type C: 5/8 in Types C: SCX_SGX_ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or, 5/8 in. thick Type AR, C, IP-X1, IP-X1, IP-X2, IPC-AR, SCX, SHX, or, 3/4 in. thick Types IP-X3 or ULTRACODE

5H. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A). MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

51. Gypsum Board* — (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5.

CGC INC — Type ULIX, ULX UNITED STATES GYPSUM CO — Type ULIX, ULX

USG MEXICO S A DE C V — Type ULX

5J. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backer gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in, wide, max 8 ft long with a max thickness of 0.14 in, placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip.

Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% neeting the Federal specification OO-L-201f, Grade "C". RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

5K. Gypsum Board* — (As an alternate to Item 5 when Foam Plastic insulation (Items 4C or 4D) is used) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 5 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels secured to studs with 1-1/4 in. long Type S steel screws spaced 8 in. OC at perimeter and in the field. For 2 layer assemblies outer layer will be attached to study over inner layer with the 1-7/8 in. long steel screws spaced 8 in. OC.

6. Fasteners — (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). Single layer systems: 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. Single layer system with Type ULIX: 1 in. long, spaced 12 in. OC in the field and perimeter, when panels are applied horizontally or vertically. Two layer systems: First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. Three-layer systems: First layer-1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer-1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. Four-layer systems: First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

7. Furring Channels — (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A.

7A. Framing Members* — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below: a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. Steel Framing Members* — Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to study with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels. PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

7B. Framing Members* — (Optional, Not Shown) — As an alternate to Item 7, for single or double layer systems, furring channels and Steel Framing Members on only one side of studs as described below: a. Furring Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 5A.

b. Steel Framing Members* — Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips. KINETICS NOISE CONTROL INC — Type Isomax

7C. Framing Members* — (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. Steel Framing Members* — Used to attach furring channels (Item 7Ca) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips. PLITEQ INC - Type GENIECLIP

7D. Steel Framing Members* — (Optional on one or both sides, not shown, for single or double layer systems) — Furring channels and Steel Framing Members as a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire.. Gypsum board attached to furring channels as described in Item 6.

b. Steel Framing Members* — Used to attach furring channels (Item 7Da) to studs. Clips spaced 48 in. OC., and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

7E. Steel Framing Members* — (Optional on one or both sides, not shown, for single or double layer systems) — Furring channels and Steel Framing Members as a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 7Eb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire... Gypsum board attached to furring channels as described in Item 6

b. Steel Framing Members* — Used to attach furring channels (Item 7Ea) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

7F. Steel Framing Members* — (Optional on one or both sides, not shown, for single or double layer systems) — Resilient channels and Steel Framing Members as a. Resilient Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Phillips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 5. Not for use with Item 5A and 5E.

b. Steel Framing Members* — Used to attach resilient channels (Item 7Fa) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw. KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

7G. Framing Members* — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel . Furring Channels — Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. Steel Framing Members* — Used to attach furring channels (Item 7Ga) to studs (Item 2). Clips spaced max. 48 in. OC. Clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. **CLARKDIETRICH BUILDING SYSTEMS** — Type ClarkDietrich Sound Clip

8. Joint Tape and Compound — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a

9. Siding, Brick or Stucco — (Optional, Not Shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed 10. Caulking and Sealants* — (Optional, Not Shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.

11. Lead Batten Strips — (Not Shown, For Use With Item 5B) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5B) and optional at remaining stud locations. Required behind vertical joints

11A. Lead Batten Strips — (Not Shown, For Use With Item 5H) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations.

12. Lead Discs or Tabs — (Not Shown, For Use With Item 5B) — Used in lieu of or in addition to the lead batten strips (Item 11) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5B) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification

12A. Lead Discs — (Not Shown, for use with Item 5H) — Max 5/16 in, diam by max 0.140 in, thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

13. Lead Batten Strips — (Not Shown, For Use With Item 5E) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face

of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade 14. Lead Tabs — (Not Shown, For Use With Item 5E) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded

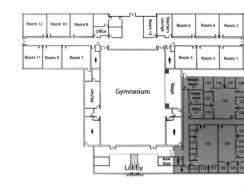
back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 5E) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary

15. Barrier Mesh — (Optional, Not Shown) - Attached to steel studs on one or both sides of the wall using Barrier Mesh Clips spaced at maximum 12 inches on center ertically, using a flat head type screw penetrating through the steel at least 3/8 of an inch. For Steel Studs less than 0.033 inches in thickness, use self-piercing For Steel Studs equal to or greater than 0.033 inches in thickness, use steel drill screws (self-tapping). Gypsum Board (Item 5) to be installed directly over the Barrier Mesh using prescribed screw patterns with lengths increased by a minimum 1/8 in. Barrier Mesh may be installed with the long dimension of the diamond pattern positioned vertically or horizontally. Barrier Mesh joints may occur as butt joints at the framing members and secured using the Barrier Mesh Clips or occur in between framing members as overlapping joints secured using 18 SWG wire ties spaced a maximum 12 in. on center. CLARKDIETRICH BUILDING SYSTEMS — Barrier Mesh, Barrier Mesh Clips

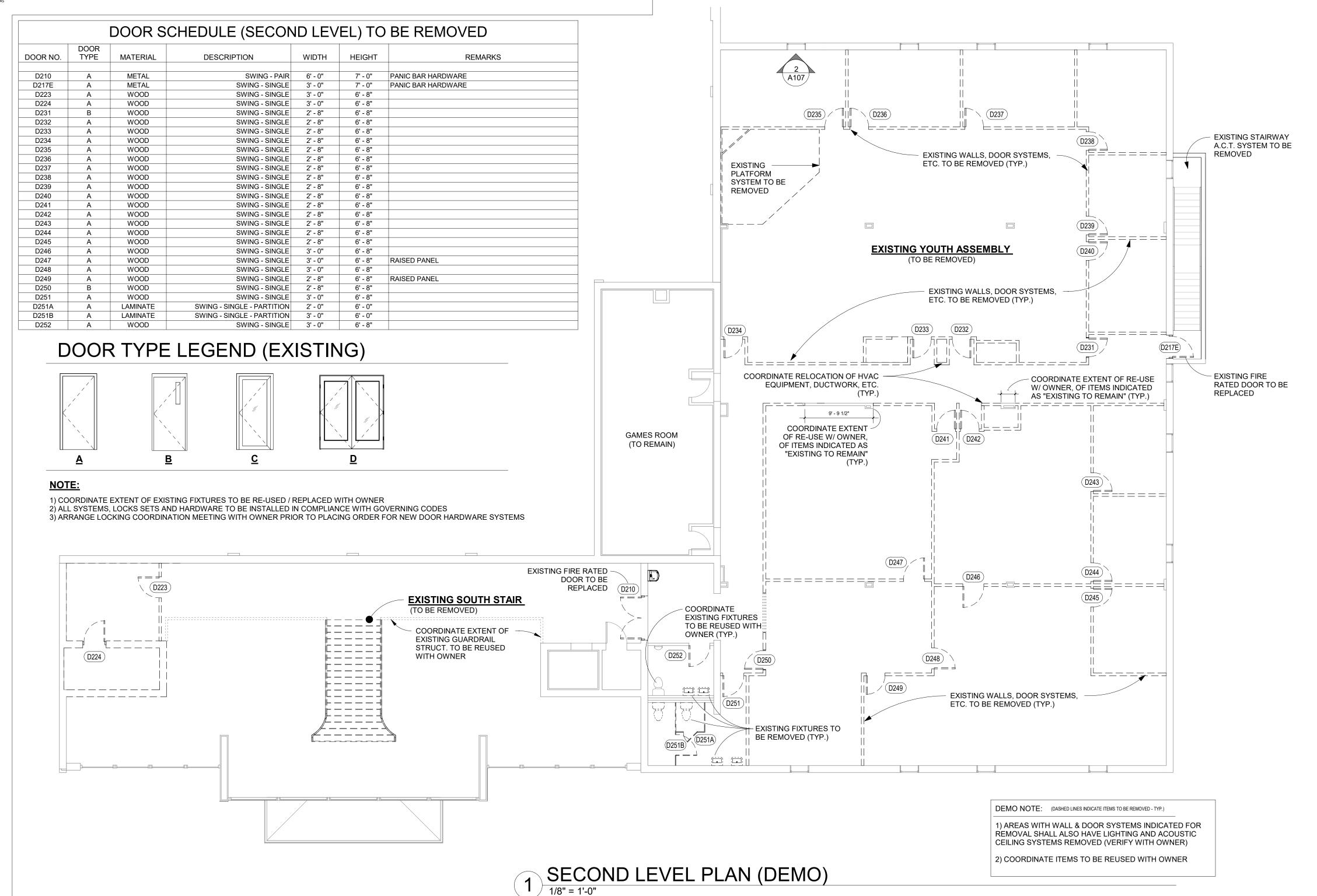
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively

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2 EXISTING SOUTH ATRIUM STAIR



COLORADO CONTACT: DONNELL PAUL, A.I.A. 970.988.9060

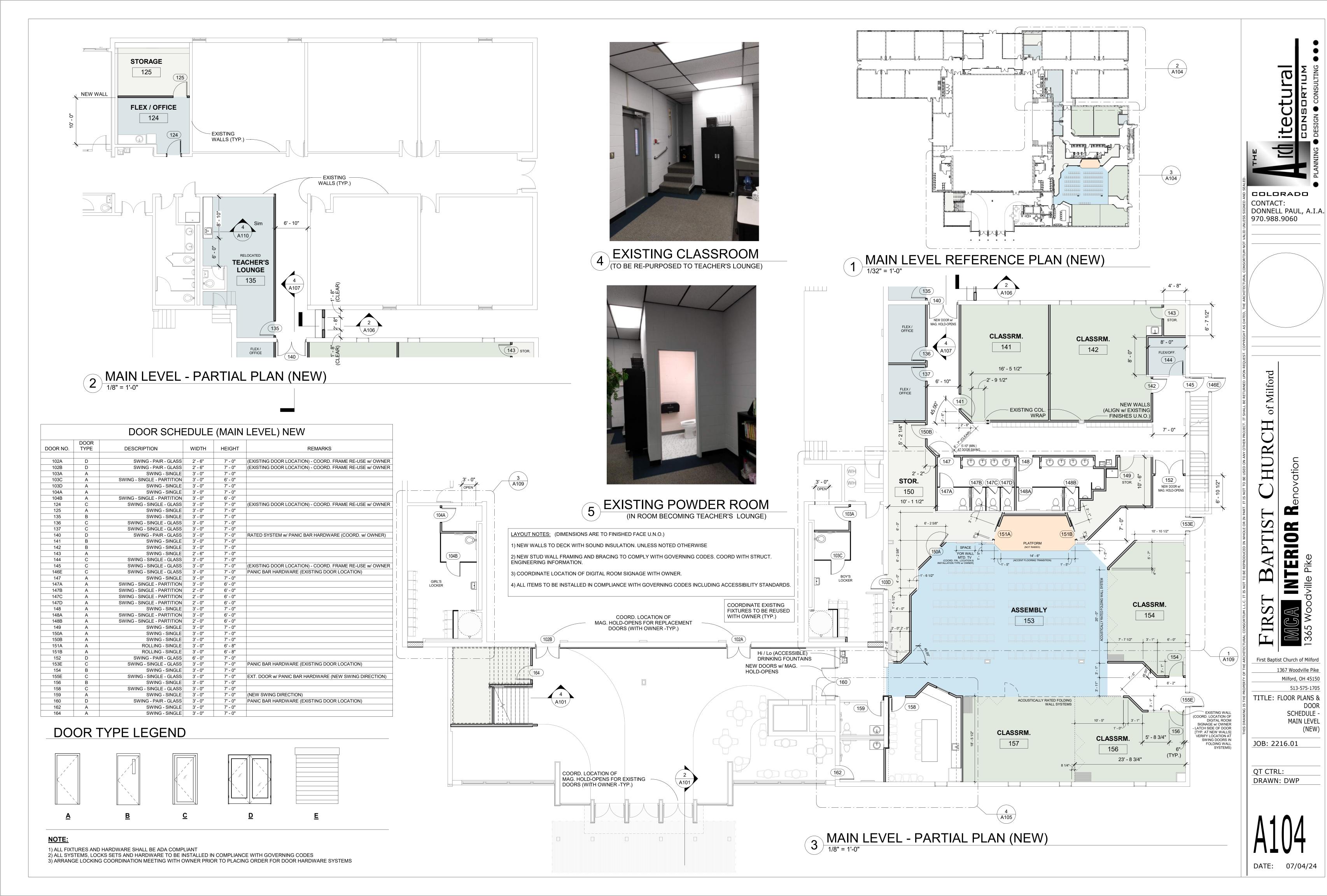
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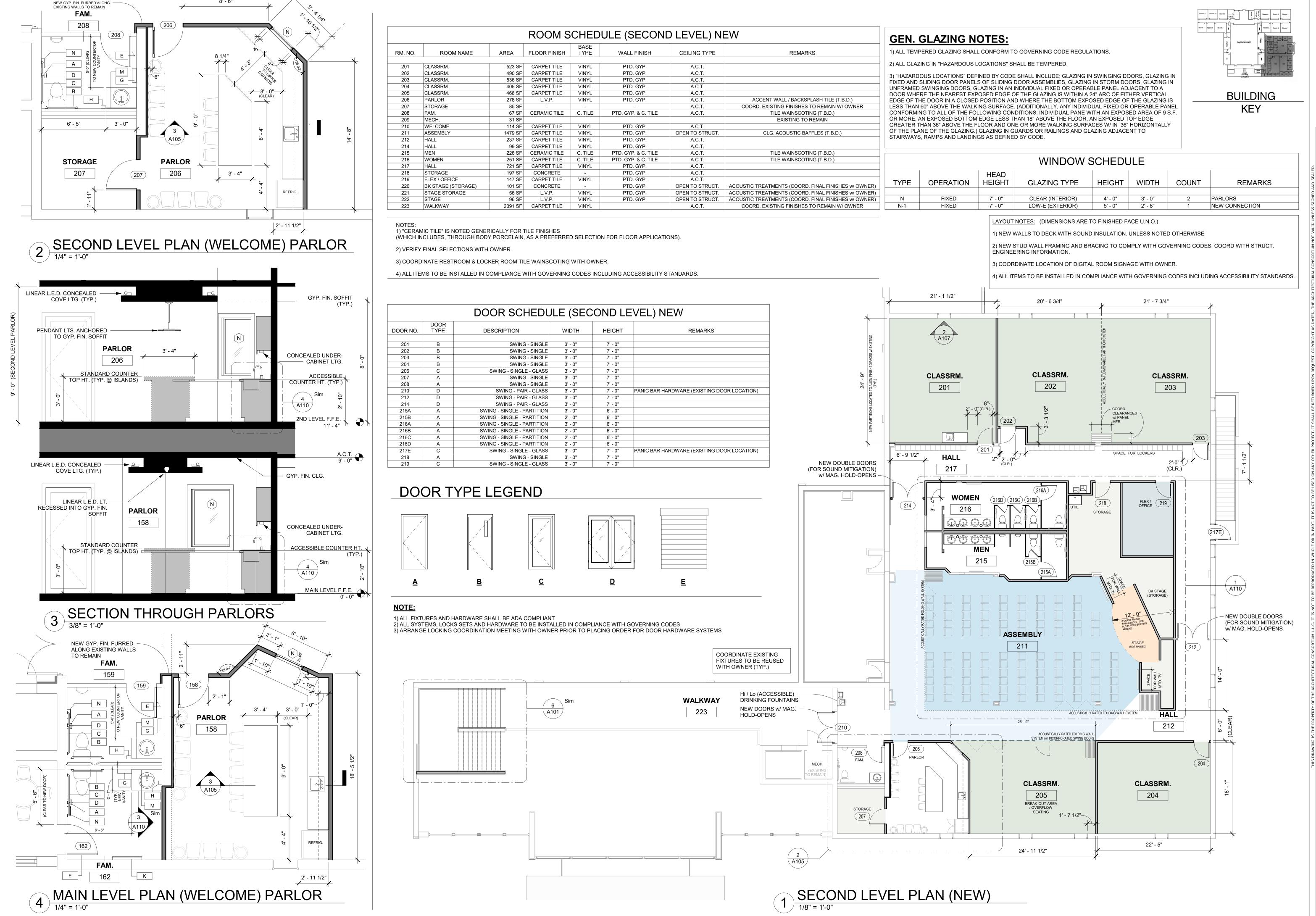
First Baptist Church of Milford 1367 Woodville Pike Milford, OH 45150

> 513-575-170 PLANS 8 DETAILS (EXISTING)

JOB: 2216.01

QT CTRL: DRAWN: DWP





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970.988.9060

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INTERIOR

First Baptist Church of Milford 1367 Woodville Pike Milford, OH 45150 513-575-170

TITLE: FLOOR PLANS 8

JOB: 2216.01

QT CTRL: DRAWN: DWP

