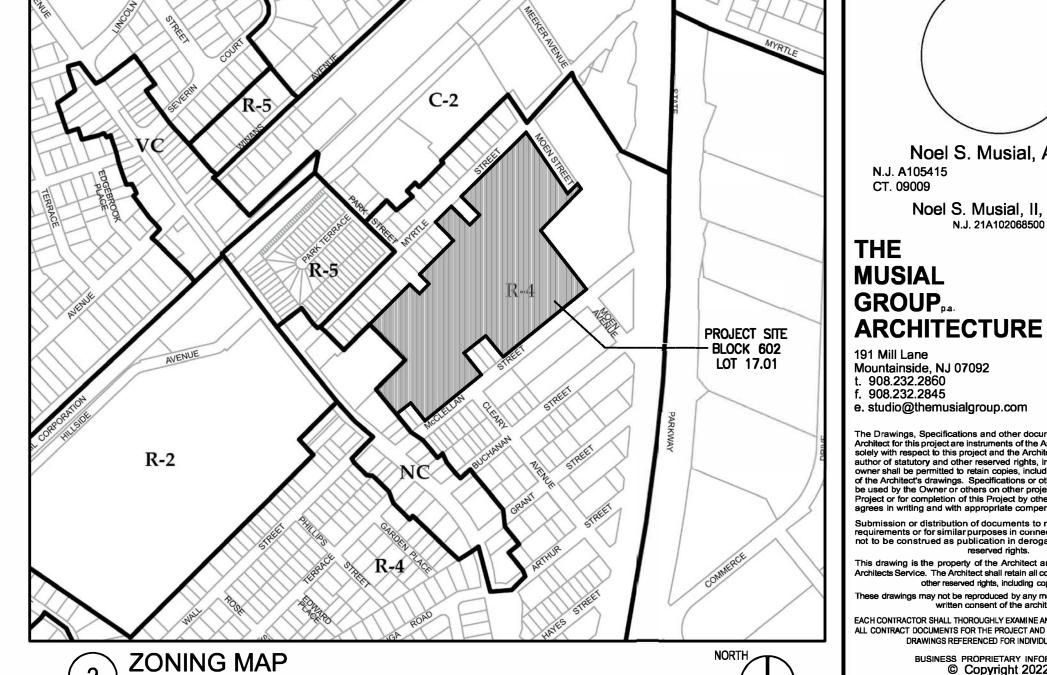
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O INDICATES DRAWINGS RE-ISSUED WITHOUT CHANGE

A 001 GENERAL NOTES, ABBREVIATIONS, LEGENDS

A 003 THROUGH PENETRATION & FIRE STOPPING DETAILS ●

ZONING MAP SCALE: N.T.S.

CH CONTRACTOR SHALL THOROUGHLY EXAMINE AND BECOME FAMILIAR WIT L CONTRACT DOCUMENTS FOR THE PROJECT AND NOT LIMIT THEIR WORK T BUSINESS PROPRIETARY INFORMATION © Copyright 2022

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Noel S. Musial, A.I.A.

Noel S. Musial, II, A.I.A N.J. 21A102068500

N.J. A105415 CT. 09009

191 Mill Lane Mountainside, NJ 07092

t. 908.232.2860 f. 908.232.2845

401 Centennial Ave. Cranford, NJ 07016

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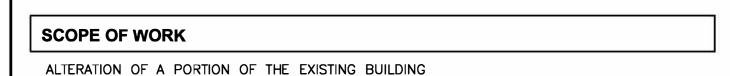
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TITLE SHEET & BUILDING CODE DATA



APPLICABLE CODES						
CODE TYPE	APPLICABLE CODE					
REHAB	REHABILITATION SUBCODE (NJAC 5:23-6); NJUCC, SUBCHAPTER 6. UPDATED AS NECESSARY (CURRENT AS OF 03/6/23)					
ENERGY	ENERGY ASHRAE 90.1-2019 (COMMERCIAL & ALL OTHER RESIDENTIAL)					
BUILDING	2021 NEW JERSEY BUILDING CODE (NJAC 5:23-3.14, 2021 INTERNATIONAL BUILDING CODE, NEW JERSEY EDITION).					
ACCESSIBILITY	2021 NEW JERSEY BUILDING CODE, CHAPTER 11, NJAC 5:23-7, ICC/ANSI A117.1-2017					
MECHANICAL	2021 INTERNATIONAL MECHANICAL CODE (NJAC 5:23-3.20)					
PLUMBING	2021 NATIONAL STANDARD PLUMBING CODE, NJ EDITION (NJAC 5:23-3.15)					
ELECTRICAL	2020 NATIONAL ELECTRICAL CODE (NFPA 70, NJAC 5:23-3.16)					

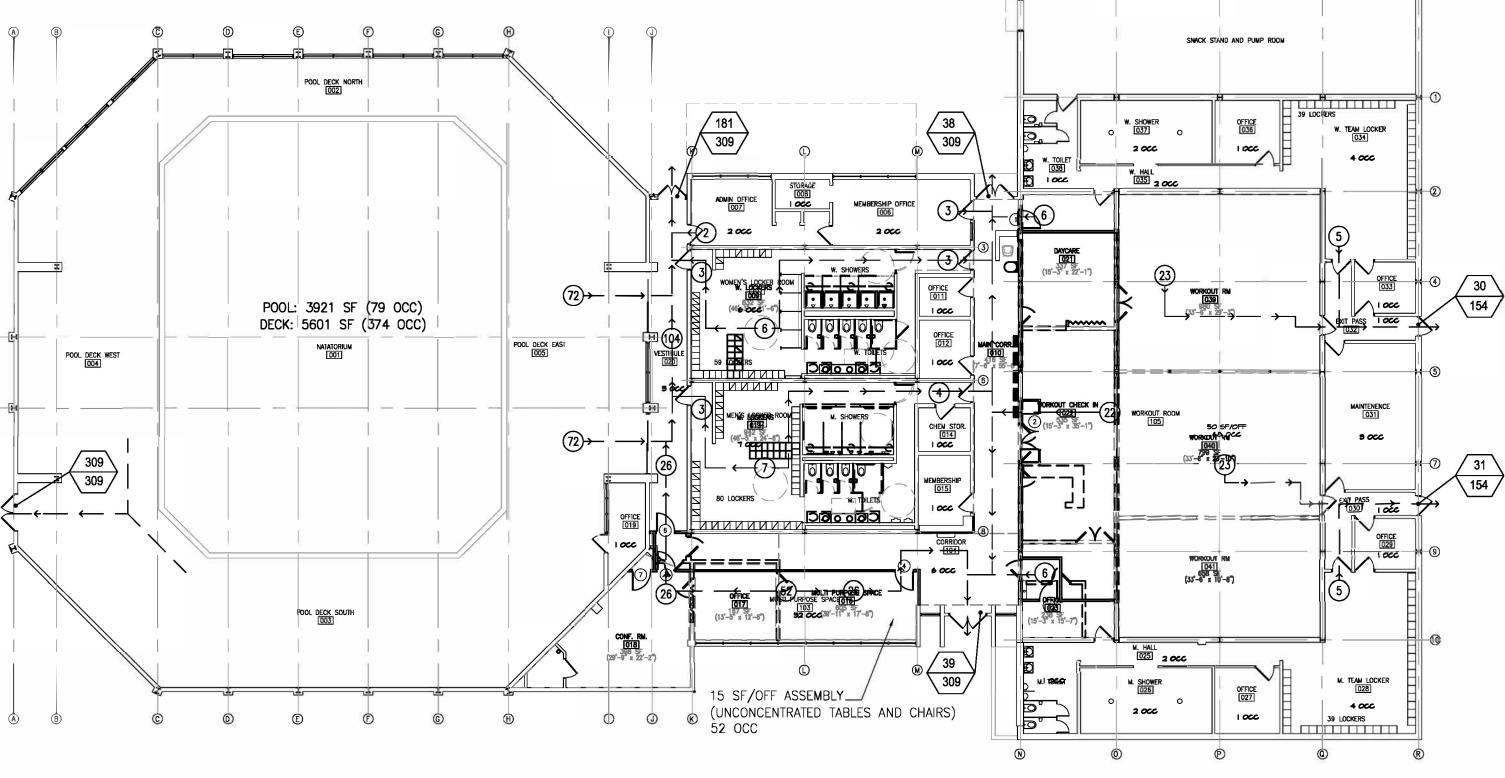
CHAPTER 3: OCCUPANCY CLASSIFICATION AND USE

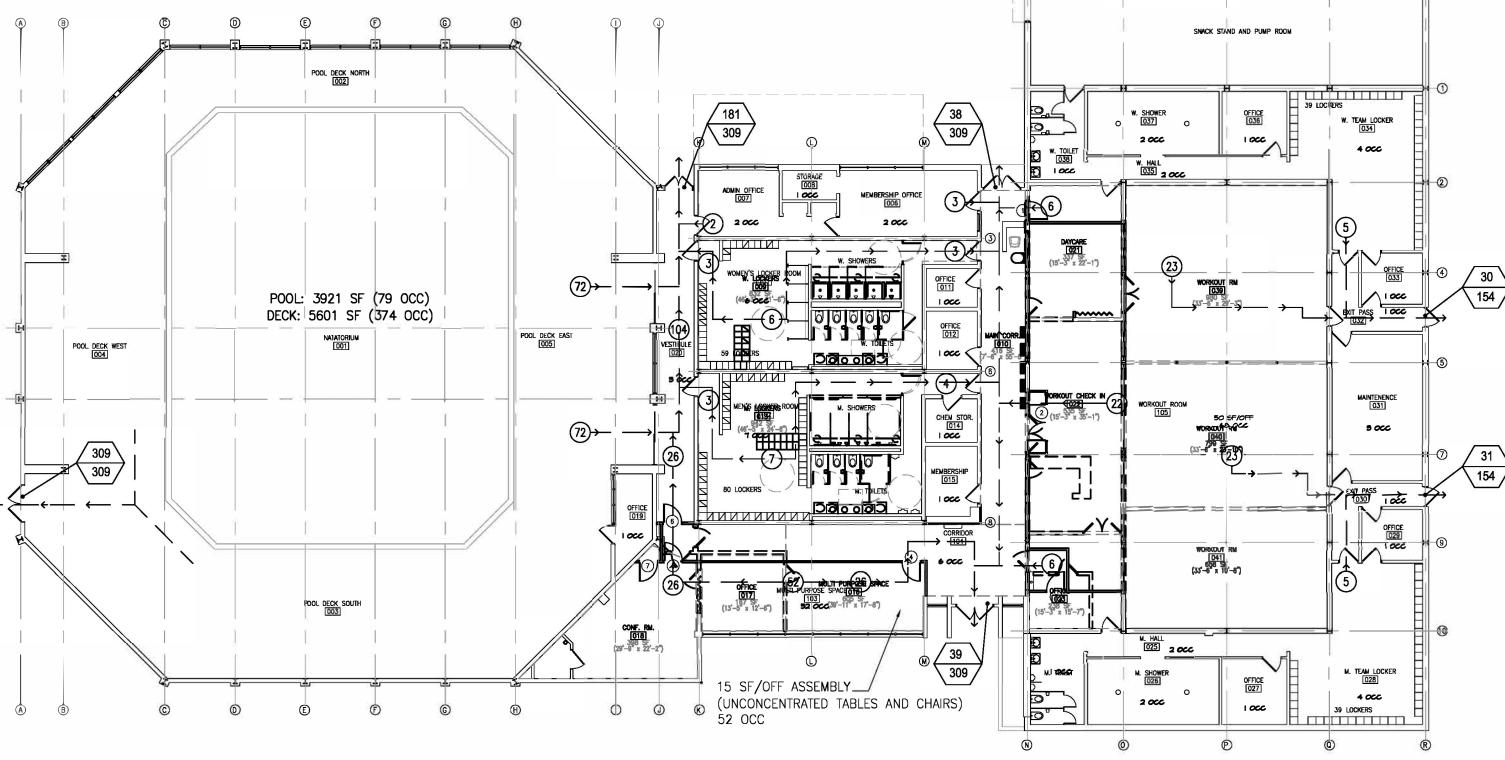
EXISTING USE GROUP A-4

CHAPTER 6: TYPES OF CONSTRUCTION

EXISTING BUILDING: TYPE 2A, UNPROTECTED, UNSPRINKLERED

3 BUILDING CODE DATA
SCALE: NONE





EGRESS FLOOR PLAN
SCALE: 1/16" =1'- 0"

GENERAL NOTES:

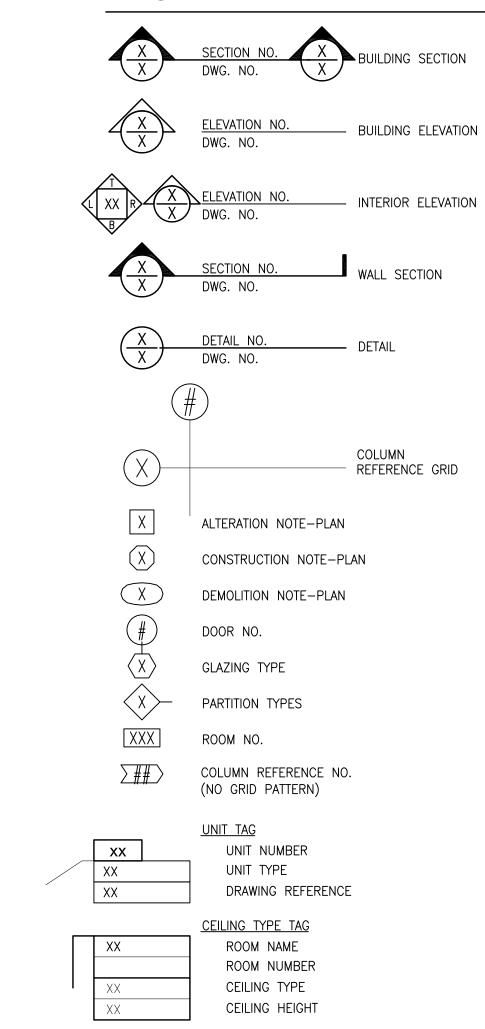
- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE ZONING AND BUILDING CODES AND THE REQUIREMENTS OF THE AGENCIES HAVING JURISDICTION, AS WELL AS ANY & ALL REGULATORY AGENCIES, INCLUDING BUT NOT LIMITED TO:
- SHOULD ANYTHING CONTAINED IN THE CONTRACT DOCUMENTS BE AT VARIANCE WITH SAID CODES, CONTRACTOR(S) SHALL IMMEDIATELY INFORM OWNER AND ARCHITECT.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR AND OBTAINING ALL PERMITS AND SHALL PAY FOR ALL ASSOCIATED PERMIT FEES AS WELL AS ANY AND ALL REQUIRED INSPECTIONS AS WELL AS APPLYING FOR AND OBTAINING A "CERTIFICATE OF OCCUPANCY". SHOULD ANY OF THE WORK REQUIRE CORRECTIVE MEASURES IN ORDER TO OBTAIN THE "CERTIFICATE OF OCCUPANCY", THE CONTRACTOR SHALL BE RESPONSIBLE FOR BEARING ALL ASSOCIATED EXPENSES AT NO ADDITIONAL COST TO THE OWNER.
- 3. ALL NOTES ON DRAWINGS SHALL APPLY TO ENTIRE SET OF DRAWINGS.
- 4. DRAWINGS ARE NOT BE SCALED, DIMENSIONS GOVERN. LARGE SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS.
- 5. ALL DIMENSIONS ARE FINISHED SURFACE TO FINISHED SURFACE, UNLESS NOTED OTHERWISE.
- 6. ALL DIMENSIONS INDICATED AS PLUS/MINUS (+/-) SHALL BE FIELD VERIFIED AND COORDINATED
- 7. THE CONTRACTOR SHALL FIELD VERIFY ALL JOB CONDITIONS, DIMENSIONS AND DETAILS PRIOR TO START OF CONSTRUCTION / DEMOLITION.
- 8. ALL WORK, WHETHER SHOWN OR IMPLIED, UNLESS SPECIFICALLY QUESTIONED PRIOR TO THE SUBMISSION OF BID(S) SHALL BE CONSIDERED FULLY UNDERSTOOD IN ALL RESPECTS BY THE GENERAL CONTRACTOR AND THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MISINTERPRETATIONS OR CONSEQUENCES THEREOF FOR THE WORK INDICATED ON THE CONTRACT DOCUMENTS.
- 9. ALL REQUESTS FOR SUBSTITUTIONS OF MATERIALS OR EQUIPMENT SHALL BE SUBMITTED TO THE CM / ARCHITECT IN WRITING. THESE REQUESTS SHALL INCLUDE MANUFACTURER'S DATA SHEETS AS WELL AS LINE BY LINE COMPARISONS AS WELL AS ANY ADDITIONAL DATA AND/OR DETAILS AS MAY BE REQUIRED BY THE ARCHITECT AND/OR THE ENGINEER TO ASSIST IN THE EVALUATION. THE DECISION RENDERED BY THE ARCHITECT AND/OR ENGINEER SHALL BE DEEMED FINAL. COMPLY WITH "OR EQUAL" REQUIREMENTS OF SPECIFICATIONS, DIVISION ONE.
- 10. CONTRACTOR SHALL PROVIDE ALL ITEMS, EQUIPMENT & LABOR NECESSARY FOR THE COMPLETION OF THE WORK SHOWN ON THE CONTRACT DOCUMENTS, INCLUDING TAX, PURCHASE, DELIVERY ARRANGEMENTS AND STORAGE, AS WELL AS ADDITIONAL PREMIUMS TO EXPEDITE DELIVERY OF EQUIPMENT & MATERIAL IN ORDER TO MEET THE DATE OF COMPLETION.
- 11. CONTRACTOR MAY SUBMIT TO THE ARCHITECT FOR CONSIDERATION AND APPROVAL ANY SUGGESTIONS THAT MAY SIMPLIFY THE JOB, IMPROVE THE FINAL RESULT OR REDUCE COST WHILE MAINTAINING FULL COMPLIANCE WITH DESIGN INTENT. THE OWNER AND/OR THE CM/ARCHITECT SHALL NOT BE LIABLE FOR ANY ASSUMPTIONS MADE BY THE GENERAL CONTRACTOR.
- 12. THE GENERAL CONTRACTOR SHALL SUBMIT IN WRITING ALL CHANGE ORDER REQUESTS FOR ADDITIONAL WORK TO THE ARCHITECT'S OFFICE FOR REVIEW & APPROVAL. THE ADDITIONAL WORK IS NOT TO PROCEED UNTIL A SIGNED CHANGE ORDER IS RETURNED TO THE GENERAL CONTRACTOR (SEE SPECIFICATIONS FOR PROCEDURE).
- 13. ALL WORK IS TO CONFORM TO DRAWINGS & SPECIFICATIONS, AND SHALL BE NEW AND BEST QUALITY OF THE KINDS SPECIFIED.
- 14. ALL MANUFACTURED ARTICLES, MATERIALS & EQUIPMENT SHALL BE SUPPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED & CONDITIONED AS DIRECTED BY THE MANUFACTURERS AND BE FULLY GUARANTEED UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS. SHOULD ANY ARTICLES, MATERIALS AND EQUIPMENT BE INSTALLED OR ERECTED IN SUCH A MANNER AS TO CAUSE THE APPROPRIATE MFR. TO NOT ISSUE A GUARANTY, THEN THE CONTRACTOR SHALL BE HELD RESPONSIBLE TO MAKE ANY AND ALL REPAIRS AND/OR REPLACEMENTS AS DEEMED NECESSARY BY THE ARCHITECT AND THE MFR. SO THAT A WARRANTY CAN BE ISSUED.
- 15. ALL WORK SHALL BE PERFORMED BY TRAINED AND EXPERIENCED TRADESMAN, PERSONNEL AND SUPERVISORS WHO ARE COMPLETELY FAMILIAR WITH THE REQUIREMENTS FOR HIS WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO HAVE THE MFR. REP. FOR THE VARIOUS BUILDING SYSTEMS, ELEMENTS AND EQUIPMENT MAKE PERIODIC VISITS TO THE SITE TO CHECK THE QUALITY AND PROGRESS OF THE WORK.
- 16. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS WORKING ON THIS PROJECT TO MAINTAIN WORKING HARMONY BETWEEN ALL OTHER TRADES AND CREWS WORKING ON THIS PROJECT AND
- 17. THE GENERAL CONTRACTOR SHALL PROVIDE FULL—TIME SUPERVISION FOR THE DURATION. OF THE PROJECT.

- 18. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. ANY EQUIPMENT, MATERIALS OR SYSTEMS FABRICATED AND/OR INSTALLED WITHOUT APPROVED SHOP DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SHOULD ADDITIONAL COSTS ARISE AS A DIRECT RESULT OF PROCEEDING WITHOUT PRIOR APPROVAL, THESE COSTS SHALL BE BORN BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILTY TO SUBMIT ALL SHOP DRAWINGS IN A TIMELY MANNER FOR REVIEW AND COMMENT(S) AND TO AVOID DELAY OF THE PROJECT. (SEE SPECIFICATIONS)
- 19. CONTRACTOR SHALL MAINTAIN THE LATEST SET OF ALL CONTRACT DOCUMENTS (PLANS, PROJECT MANUAL, CLARIFICATIONS, SUPPLEMENTARY DOCUMENTS, ETC.) AT THE JOB SITE AT ALL TIMES.
- 20. EACH TRADE SHALL BE RESPONSIBLE FOR REVIEWING THE ENTIRE SET OF CONTRACT DOCUMENTS AND NOTING THAT PARTICULAR TRADES WORK & SHALL REVIEW AND COORDINATE WITH WORK OF OTHER TRADES FOR A COMPLETE AND FULLY FUNCTIONAL INSTALLATION. ALL WORK SHALL BE COORDINATED THROUGH THE G.C.
- 21 THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, DISCARDED MATERIALS AND/OR EQUIPMENT FROM ALL TRADES, AND PROVIDING NECESSARY PERMITS AND DISPOSAL CONTAINERS TO REMOVE DEBRIS FROM THE SITE. TRANSPORT ALL DEBRIS AND LEGALLY DISPOSE OF OFF—SITE.
- 22 ALL PENETRATIONS THROUGH FLOOR SLABS, STAIR WALLS OR RATED PARTITIONS SHALL BE SEALED WITH A FIRE RATED SEALANT, PER SPECIFICATIONS.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR A MINIMUM OF TWICE DAILY REMOVAL OF ALL DEMOLITION DEBRIS & A DAILY GENERAL BROOM CLEANING.
- 24 DURING CONSTRUCTION AND OR THE GENERAL CONTRACTOR SHALL PROVIDE THE NECESSARY BARRIERS TO MINIMIZE DUST AND PROTECT THE PUBLIC. COORDINATE BARRIER LOCATION WITH OWNER AND ARCHITECT SO AS NOT TO INTERRUPT OPERATION OF OTHER ON—SITE FACILITIES.
- 25 ALL TEMPORARY SERVICES REQUIRED TO MAINTAIN OWNER OPERATIONS DURING & AFTER DEMOLITION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR INCLUDING BUT NOT LIMITED TO WATER, ELECTRICAL POWER, H.V.A.C., TELEPHONE, FIRE ALARM / DETECTION, ETC.
- 26 COORDINATE ALL MECHANICAL & ELECTRICAL WORK TO MAINTAIN UTILITY SERVICE TO NON-CONSTRUCTION AREAS DURING NORMAL BUSINESS HOURS. PROVIDE WRITTEN NOTIFICATION TO OWNER, ARCHITECT AND UTILITY COMPANY MIN. ONE (1) WEEK IN ADVANCE OF ANY INTERRUPTIONS TO UTILITY SERVICES.
- 27 SHOULD UNFORESEEN CONDITIONS BE ENCOUNTERED THAT AFFECT DESIGN OR FUNCTION OF PROJECT, INVESTIGATE FULLY & CONTACT THE OWNER AND ARCHITECT. WHILE AWAITING ARCHITECT'S RESPONSE, RESCHEDULE OPERATIONS IF NECESSARY TO AVOID DELAY OF OVERALL PROJECT.
- ANY OR ALL REQUIRED FIRE EXTINGUISHERS (SEE PLANS) AND ALARMS SHALL BE LOCATED & CLASSIFIED BY CODE. LOCATIONS SHOWN ON PLANS SHALL BE COORDINATED WITH AND APPROVED BY THE FIRE OFFICIAL.
- THESE DRAWINGS HAVE BEEN PREPARED FOR A PARTICULAR BUILDING ONLY WITH DISTINCT UNDERSTANDING THAT THEY ARE INSTRUMENTS OF SERVICE AND ARE PROPERTY OF THE ARCHITECT. IF THESE DRAWINGS OR ANY PART THEREOF ARE USED IN ANY MANNER WITHOUT WRITTEN CONSENT OF THE ARCHITECT, THE USER THEREOF BECOMES INDEBTED TO THE ARCHITECT FOR FULL COMMISSION.
- GENERAL CONTRACTOR SHALL COORDINATE INSTALLATION OF DOORS, HARDWARE AND FRAMES, AND SECURITY CONTROL PANELS. SECURITY HARDWARE AND SECURITY CONTROL SYSTEMS TO BE PROVIDED BY THE SAME MANUFACTURER. DOOR & FRAME MANUFACTURER TO VERIFY LATEST TEMPLATES WITH LOCK MANUFACTURER.
- 31 GENERAL CONTRACTOR TO COORDINATE LOCATION OF POWER AND DATA OUTLETS WITH FINAL APPROVED FURNITURE AND EQUIPMENT LAYOUTS.
- 32 LOCATE EXTERIOR SIAMESE CONNECTION PER LOCAL FIRE OFFICIAL. (SEE AS101)
- THE CONTRACTOR SHALL ALLOW ONLY AUTHORIZED PERSONS ON THE SITE OF THE WORK AT ANY TIME. ALL CONTRACTOR PERSONNEL WORKING ON THE SITE SHALL HAVE PROPER IDENTIFICATION.
- 34 THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE CITY STREET ADJACENT TO THE SITE CLEANED OF ALL DEBRIS RESULTING FROM THIS OPERATION.
- 35 <u>BEFORE COMMENCING ANY DEMOLITION WORK</u> THE CONTRACTOR SHALL CARRY OUT EFFECTIVE MEASURES FOR THE ERADICATION OF RODENTS. THIS WORK SHALL BE PERFORMED BY QUALIFIED EXTERMINATORS HAVING ADEQUATE EXPERIENCE IN THIS TYPE OF WORK, AND SHALL BE SUBJECT TO THE PRIOR APPROVAL OF THE LOCAL PUBLIC
- THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN APPROVED DANGER, WARNING, AND "KEEP OUT" SIGNS AT PLACES AND LOCATIONS WHERE THE PLACING OF SUCH SIGNS IS NECESSARY FOR THE PUBLIC SAFTEY, OR AS DESIGNATED BY THE LOCAL PUBLIC AGENCY, SUCH SIGNS TO BE SUFFICIENTLY ILLUMINATED.

ABBREVIATIONS:

AC., ACOUS.	ACOUSTICAL	INSUL.	INSULATION
A.C.T.	ACOUSTICAL CEILING TILE	LMST.	LIMESTONE
ADJ.	ADJACENT		
A.F.F.	ABOVE FINISHED FLOOR	MAX.	MAXIMUM
ALUM., AL.	ALUMINUM	MECH'L	MECHANICAL
AMB	AMBULATORY	MEMB.	MEMBRANE
ARCH'T	ARCHITECT	MIN.	MINIMUM
		MFR, MFGR	
BB	BULLETIN BOARD		
BLDG.	BUILDING	NIC	NOT IN CONTRACT
BLK.(G)	BLOCK(ING)		
BLT. RES.	BULLET RESISTANT	O.C.	ON CENTER
BRK.	BRICK	0.0.	ON GENTER
BSMT.	BASEMENT	PART'N	PARTITION
B.U.R.	BUILT-UP ROOFING	P.C.	PORTLAND CEMENT
B.U.K.	BUILT-UP ROUPING		
0.011	OFMENTITIONS DAOMED LINITS	PLAS. LAM.	
C.B.U.	CEMENTITIOUS BACKER UNITS	PLB'G	PLUMBING
CLG.	CEILING	POLY	POLYCARBONATE
C.L.	CENTERLINE	PREFIN.(D)	` ,
C.J.	CONTROL JOINT	P.T.W.	PRESSURE TREATED WOOD
C.M.U.	CONCRETE MASONRY UNIT		
CONC.	CONCRETE		
CONST'N	CONSTRUCTION		
CONT.	CONTINUOUS		
DIA.	DIAMETER	REINF'G	REINFORCING
D.O.	DITTO; DOOR OPENING	REQ'D	REQUIRED
DET., DTL.	DETAIL	RMV.(D)	REMOVE(D)
DWG.	DRAWING	RGD.	RIGID
EA	EACH	S.A.C.T.	SUSPENDED ACOUSTICAL
EX., EXIST.	EXISTING	0.7 (. 0. 1 .	CEILING TILE
ELEC.	ELECTRICAL	S.C.WD.	
EQ.	EQUAL	ST.ST., S.S.	
EXP. JT.		STL.	STEEL
LAF. UI.	EXPANSION DOINT	STRUC'L	
C D T W	FIDE DETADDANT TREATER WOOD	SUSP.	
F.R.T.W.		505P.	SUSPENDED
· ·	FINEL	TOTO	TDEATED
FIN.	FINISH	TRTD.	TREATED
FL, FLR		TYP.	TYPICAL UNLESS OTHERWISE NOTED
FST'NRS	FASTENERS	U.O.N.	UNLESS OTHERWISE NOTED
G.B. GYP. BD.	GYPSUM BOARD	0.0.14.	ONLESS OTHERWISE NOTED
G.C.	GENERAL CONTRACTOR	VCT	VINYL COMPOSITION TILE
GL.	GLASS	VERT.	VERTICAL
GL. MAT	GLASS-MAT	V.I.F.	VERIFY IN FIELD
H.C.	HANDICAPPED	WD.	WOOD
H.E.	HIGH END	WR.	WATER-RESISTANT
HORZ.	HORIZONTAL	WTRP'RFG	
HONZ.	HOMZONIAL	WIINI INI G	WALLE HOOFING

LEGEND:



NOTES FOR ALL DRAWINGS:

JOINT PROTECTION NOTE:

PROVIDE JOINT PROTECTION BETWEEN HEAD OF VERTICAL FIRE RATED ASSEMBLIES AND UNDERSIDE OF NEW ROOFS. SYSTEM NO. HW-D-0061 OR APPROVED EQUAL

TIER 1 RADON NOTE:

JOINTS IN FOUNDATION WALLS AND FLOORS, INCLUDING WITHOUT LIMITATION, CONTROL JOINTS BETWEEN SLAB SECTIONS POURED SEPERATELY, AND BETWEEN FOUNDATION WALL AND FLOOR AS WELL AS PENETRATION OF THE FOUNDATION WALLS AND FLOOR INCLUDING, BUT NOT LIMITED TO, UTILITY PENETRATIONS, SHALL BE SUBSTANTIALLY SEALED BY A NON—CRACKING POLYURETHANE OR SIMILAR CAULKING, OR EQUIVALENT, IN ORDER TO CLOSE OFF THE SOIL GAS ENTRY ROUTES.

Noel S. Musial, II, A.I.A N.J. 21A102068500 THE MUSIAL GROUP p.a. ARCHITECTURE

N.J. A105415

CT. 09009

191 Mill Lane Mountainside, NJ 07092 t. 908.232.2860 f. 908.232.2845 e. studio@themusialgroup.com

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Noel S. Musial, A.I.A.

N.Y. 11339

PA. B 6580

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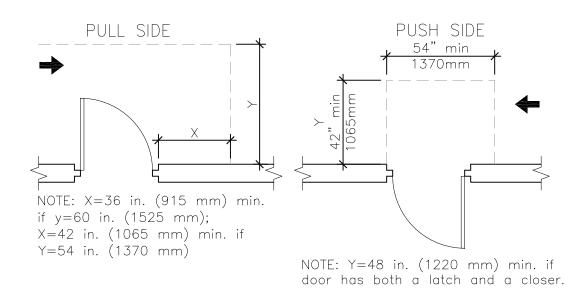
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GENERAL NOTES ABBREVIATIONS, LEGENDS

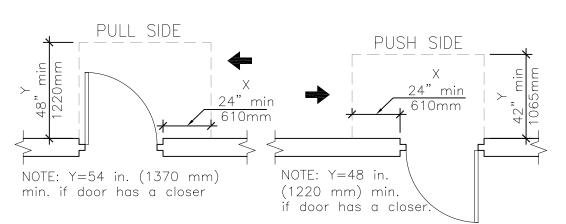
A001

FRONT APPROACHES - SWINGING DOORS

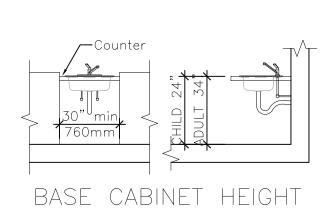


HINGE SIDE APPROACHES — SWINGING DOORS

NOTE: All doors in alcoves shall comply with clearances for front approaches.



LATCH SIDE APPROACHES - SWINGING DOORS



___1 1/2" DIA. HAND RAIL, FINISH BRUSHED S.S..

ENDS OF RAIL SHALL RETURN

LRAMP, SEE NOTE BELOW.

RAMP SLOPE RATIO:

1:12 MAXIMUM

SMOOTHLY BACK TO WALL, PROVIDE 1 1/2" CLEAR SPACE BEHIND RAIL.

1. RAMP SURFACES SHALL BE FINISHED WITH NON-SKID SURFACE AND SHALL BE A MINIMUM WIDTH OF 36".

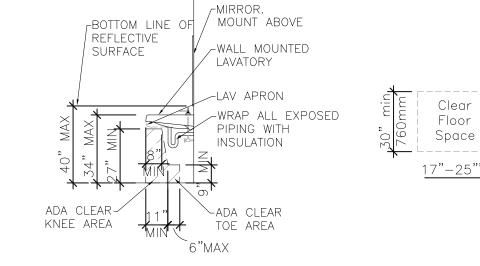
AND REGULATIONS OF THE LOCAL, STATE AND ALL OTHER APPLICABLE CODE.

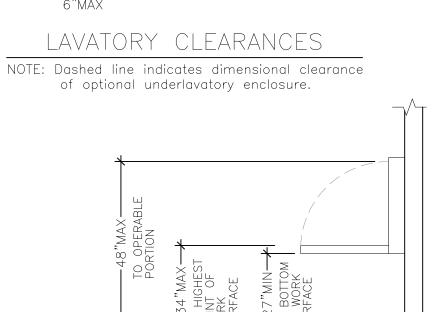
ALL RAMPS AND RAILS SHALL COMPLY WITH ALL RULES

__30" MIN__

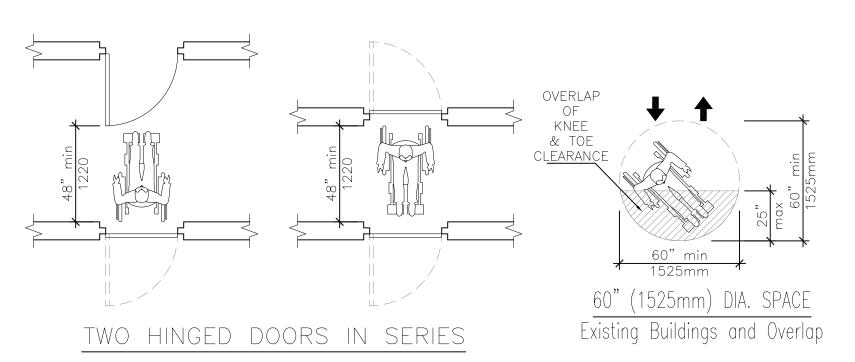
SIZE OF CLEAR FLOOR SPACE EXIST BLDG

T-SHAPED TURNING SPACE



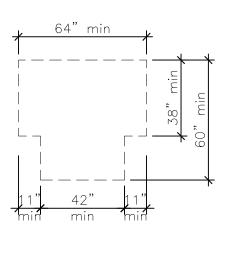


BABY CHANGING STATION



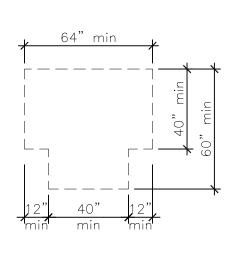
T-SHAPED TURNING SPACE

New Buildings
Option 1



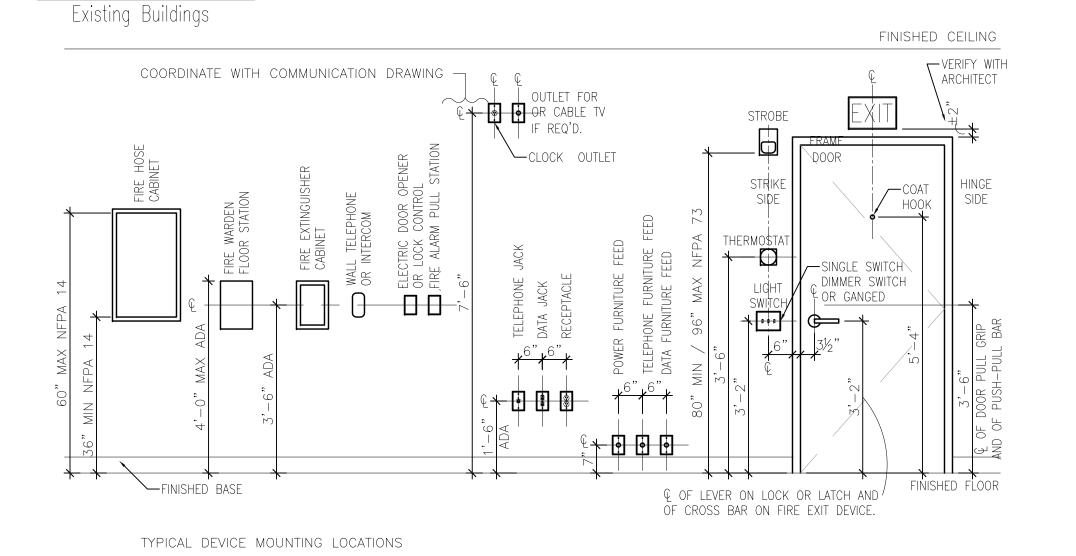
T-SHAPED TURNING SPACE

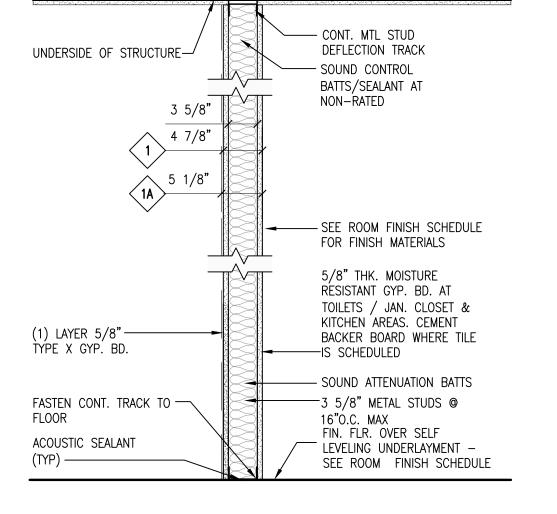
New Buildings
Option 2

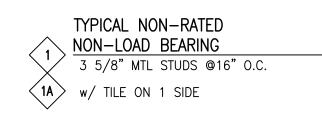


T-SHAPED TURNING SPACE

New Buildings
Option 3







Noel S. Musial, A.I.A.
N.J. A105415
N.Y. 11339

CT. 09009 PA. B 6580

Noel S. Musial, II, A.I.A

N.J. 21A102068500

THE
MUSIAL
GROUP,a.
ARCHITECTURE

191 Mill Lane Mountainside, NJ 07092 t. 908.232.2860 f. 908.232.2845 e. studio@themusialgroup.com

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ADA NOTES & WALL TYPES

A002

System No. W-L-2093 1. Wall Assembly — The 1 or 2 hr fire—rated gypsum wallboard/stud wall assembly shall F-Rating - 1 and 2 Hr (See Item 1 be constructed of the materials and in the manner described in the individual U300 or T-Rating - 1 and 1-1/2 Hr (See Item 2) U400 Series Wall or Partition Design in the UL Fire Resistance Directory and shall include the following construction features: A. Studs — Wall framing may consist of either wood studs or steel channel studs. both sides of wall assembly. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. O.C. with nom 2 by 4 in. lumber end plates and cross braces. Steel studs to be min 3-5/8 in. wide and spaced for names of manufacturers. E. Electrical Nonmetallic Tubing* — Nom 2 in. diam (or smaller) PVC tubing B. Gypsum Board** The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed. Directory for names of manufacturers. 2. Through Penetrants — One nonmetallic pipe, conduit or raceway to be centered within the firestop system. A nom annular space of \mathscr{Y}_6 in. is required within the firestop system. Pipe, conduit or raceway to be rigidly supported on both sides of the floor or wall assembly. The following types and sizes of nonmetallic pipes, conduits or raceway A. Polyvinyl Chloride (PVC) — Nom 2 in. diam (or smaller) Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) piping systems. the periphery of the opening. B. Rigid Nonmetallic Conduit* — Nom 2 in. diam (or smaller) Schedule 40 PVC conduit installed in accordance with Article 347 of the National Electrical Code (NFPA No. *Bearing the UL Listing Mark **Bearing he UL Classification Marking C. Chlorinated Polyvinyl Choloride (CPVC) Pipe — Nom 2 in. diam (or smaller) SDR17 CPVC pipe for use in closed (process or supply) piping systems. System No. F-C-1010F-Rating - 1 and 2 Hr (See Item 1. Floor—Ceiling Assembly — The 1 hr fire—rated joist floor—ceiling assembly. The T-Rating $-\frac{1}{2}$, $\frac{3}{4}$, and 1-1/2 Hr (See Item 2) general construction features of the floor—ceiling assembly are summarized below: D. Copper Pipe — Nom 4 in. diam (or smaller) Regular (or heavier) copper pipe L Rating At Ambient — Less Than 1 CFM/sq ft A. Flooring System — Lumber or plywood subfloor with finish floor of lumber. E. Copper Tubing — Nom 4 in. diam (or smaller) Type L (or heavier) copper L Rating At 400 F - Less Than 1 CFM/sq ft plywood or as specified in the individual Floor—Ceiling Design. Max diam of floor opening is 5 in. The T Rating of the firestop system is dependent upon the hourly rating of the B. Wood Joists* floor-ceiling assembly and type of through-penetrant used as shown in the table below: C. Furring Channels — (Not Shown) — in 2 hr fire—rated assemblies, resilient galv Floor Ceiling Rating HrType of PenetrantT Rating Hr1Steel or Iron Pipe11Steel steel furring installed perpendicular to wood joists between first and second layers of Conduit11Copper Tube or Pipe3/42Steel or Iron Pipe 1-1/22Steel gypsum board (item 1D). Furring channels spaced max 24 in. OC. in 1 hr fire—rated Conduit1-1/22Copper Tube or Pipe1/23. Fill, Void or Cavity Material* - Sealant assemblies, resilient aalv steal furrina installed perpendicular to wood joists between Fill material forced into annulus to fill space to max extent possible on top surface of gypsum board and wood joists as specified in the individual Floor—Ceiling Design. Furring floor and bottom surface of ceiling. Min 🎉 in. diam bead of fill material applied at point channels spaced max 24 in. OC. contact location on top surface of floor and on bottom surface of gypsum board ceiling. D. Gypsum Board* SPECIFIED TECHNOLOGIES INC. - SpecSeal 100, 101, 102, 105, 120, or 129 2. Through Penetrants — One metallic pipe, conduit or tube installed approximately Sealant midway between wood joists. Diam of openings hole—sawed through flooring system and *Bearing the UL Classification Mark through gypsum board calling to be nom atla in, greater than the outsidediam of through-penetrant. For 2 hr rated floor assemblies, through penentrant to be installed -either concentrically or eccentrically with an annular space of 0 in. (point contact) to Zin. For 2 hr rated floor assemblies, through metallic pipes, conduits or tubing may be used: A. Steel Pipe — Nom 4 in. diam (or smaller) Schedule 5 (or heavier) steal pipe. B. Iron Pipe — Nom 4 in. diam (or smaller) cast or ductile iron pipe. C. Conduit — Nom 4 in. diam (or smaller) steel electrical metallic tubing or steel Section A-A Svstem No. W-L-7009 B. Fill, Void or Cavity Material* — Sealant — in 2 hr fire rated assemblies, min. Wall Assembly — The 1 or 2 hr fire—rated gypsum wallboard/stud wall assembly The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall 1—1/4 in. thickness of fill material applied within—the annulus, flush with both surfaces assembly in which it is installed. of wall. In 1 hr fire rated assemblies, min $\frac{1}{2}$ in thickens of fill material applied within 2. Steel Duct — Nom 24 by 12 in. (or smaller) No. 24 gauge (or heavier) steel duct the annulus on both surfaces of the wall. SPECIFIED TECHNOLOGIES INC. - SpecSeal 100, 101, 102 or 155 Sealant, LC 150, 151, to be installed vertically or horizontally whitin the firestop system. The annular space 152 or 155 Sealant and Pensil 300 Sealant between the steel duct and the periphery of the framed opening shall be a min. Z in. to a max. 2 in. The max. dimensions of the steel duct is dependent upon the hourly C. Steel Retaining Angles — Min. 2 by 2 by 0.030 in. (No. 22 gauge) steel angels cut to fit the contour of the steel duct with a 1 in. lap on both surfaces of wall. rating of the wall and type of stud used as tabulated below Fire Rating of Wall Hr Type of Stud Max. Dimension of Steel Duct Angles secured to steel duct with min. No. 8 by $^3\!\! Z$ in. long steel sheet metal screws 1 Steel 24 in. by 12 in. spaced a max. 4 in. OC 2 Steel 12 in. by 12 in. *Bearing the UL Classification Marking l Wood 12 in. by 12 in. . Firestop System — The firestop system shall consist of the following: A. Packing Material — Min. 1-1/2 in. thickness of min. 4 pcf mineral wool batt insulation firmly packed between framed opening and steel duct as a permanent form. Packing material to be recessed from both surfaces of wall as required to accomodate the required thickness of fill material. Section A-A System No. W-1-1049 1. Wall Assembly The 1 or 2 hr fire—rated gypsum wallboard/stud wall assembly shall A. Steel Pipe Nom 24 in. (610 mm) diam (or smaller) Schedule 10 (or heavier) ormerly System No. 635) be constructed of the materials and in the manner described in the individual U300 or steel pipe. F-Ratina - 1 and 2 Hr (See Item 1B) U400 Series Wall or Partition Design in the UL Fire Reisistance Directory and shall include B. Iron Pipe Nom 24 in. (610 mm) diam (or smaller) cast or ductile iron pipe. T—Rating — 0 Hr the following construction features: C. Conduit Nom 4 in. (102 mm) diam (or smaller) steel electrical metallic tubing, _ Rating At Ambient — Less Than 1 CFM/sq ft A. Studs Wall framing may consist of either wood studs or steel channel studs. nom 6in. (152 mm) diam (or smaller) steel conduit or nom 1 in. (25 mm) diam (or Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 L Rating At 400 F - Less Than 1 CFM/sq ft smaller) flexible steel conduit. mm) OC. Steel studs to be min. 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. When steel studs are used and the diam of opening exceeds the width of stud cavity, the opening shall be framed on all sides using lengths of steel stud installed between the vertical studs and screw-attatched to the steel studs at each end. The copper pipe. framed opening in the wall shall be 4 to 6 in. (102 to 152 mm) wider and 4 to 6 in. (102—152 mm) higher than the diam of the penetrating item such that, when the penetrating item is installed in the opening, a 2 to 3 in. (51 to 76 mm) clearance is present between the penetrating item and the framing on all four sides. B. Gypsum Board* surfaces of wall. 2. Through Penetrant One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. Pipe, conduit or tubing may be *Bearing the UL Classification Mark installed at an angle not greater than 45 degrees from perpendicular. The anuular space Subscriber ID: 650692002 between pipe, conduit or tubing and periphery of opening shall be min. 0 in. (0mm, Directory: FIRERES point contact) to max. 2 in. (51 mm). Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

System No. F-C-20.3.3

F—Rating — 1 Hr

T-Rating - 1 Hr

Section A-A

1. Floor— Ceiling Assembly — The fire—rated joist floor—ceiling assembly. The general construction details of the floor—ceiling assembly are summarized below: A. Flooring System — Lumber or plywood subfloor with finish floor of lumber, plywood as specified in the individual Floor—ceiling Design. Max. diam of floor opening is 5 in.

B. Wood Joists C. Furring Channels — (Not Shown) — Resilient galv steel furring installed perpendicular to wood joists (item 18) between wallboard (item 1D) and wood joists as required in the individual Floor—Ceiling Design.

. Gypsum Board** . Through Penetrants — One nonmetallic pipe or conduit to be installed approximately midway between wood joists and installed either eccentrically or concentrically within the firestop system. Diam of openings hole—sawed through flooring system and through gyspsum wallboard ceiling to be nom Z in. larger than the outside diam of through—penetrant. The annular space between the through penetrant and the periphery of the opening shall be a min. 0 in. (point contact) to a max. of χ in. Pipe or conduit to be rigidly supported on both sides of the floor—ceiling assembly. The following types and sizes of nonmetallic pipes or conduits

may be used: A. Polyvinyl Chloride (PVC) Pipe — Nom 4 in. diam (or smaller) Schedule 40 -cellular or solid core PVC pipe for use in closed (process or supply) or vented (drain, waste, or vent) piping systems.

B. Acrylonitrile Butadiene Styrene (ABS) Pipe — Nom. 4 in. diam (or smaller) Schedule 40 cellular or solid core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) pipina systems. C. Riaid Nonmetallic Conduit* — Nom 4 in. diam (or smaller) Schedule 40 PVC

conduit installed in accordance with Article 347 of the National Electrical Code (NFPA No. 70) D. Chlorinated Polyvinyl Chloride (CPVC) Pipe — Nom 4 in. diam (or smaller) SDR17 CPVC pipe for use in closed (process or supply) vented (drain, waste or vent)

piping systems. 3. Firestop system — The firestop system shall consist of the following: A. Fill, Void or Cavity Material** — Sealant — Fill material forced into annulus to max. extent possible on top surface of floor. Additional fill material to be installed such that a min. $\frac{1}{2}$ in. crown is formed around the penetrating item.

SPECIFIED TECHNOLOGIES INC. - SpecSeal 100, 101, 102 or 105 Sealant. B. Fill, Void or Cavity Material** — Wrap Strip — Nom Z in, tick intumescent material faced on both sides with a plastic film, supplied in 1-1/2 in. wide strips. The Layers of wrap strips are individually wrapped around the through—penetrant with the ends butted and held in place with masking tape. Butted ends in successive layers may be aligned or offset. The wrap strips are wrapped around

C. Steel Collar — Collar fabricated from colls of precut 0.016 in. thick (30 MSG) galv sheet steel available form wrap strip manufacturer. Collar shall be nom 1-1/2 in. deep with 1 in. wide by 2 in. long anchor tabes for securement of underside of ceiling. Retainer tabs, $\frac{3}{2}$ in. wide tapering down to $\frac{3}{2}$ in wide and located opposite the anchor tabs, are folded 90 degree toward through-penetrant wrap strips. Steel collar wrapped around wrap strips and through—penetrant with a 1 in. wide overlap along its perimeter joint and secured together by means of a min. Zin. wide by 0.028 in. thick stainless steel hose clamp at mid—depth of the steel collar. As an alternate to the steel hose clamp, the steel collar may be secured together by means of three No. 8 steel sheet metal screws. The Length of the steel screws is dependent upon the number of layers of wrap strip used within the steel collar. For steel collars incorporating a single layer of wrap strip, the length of the -steel screws shall be lpha in. long. For steel collars incorporating two or more layers of wrap strip, the length of the steel screws shall be $rac{1}{2}$ in. long. Collar secured to ceiling with \aleph_6 in. diam by min. 2 in. long toggle bolts in conjunction with min. ot Z in. by 1 in. diam steel fender washers. The number of toggle bolts used is dependent upon the nom diam of the through penetrant. Two toggle bolts, symmetrically located, are required for nom 1-1/2 through 2 in. diam through penetrants. Three toggle bolts, symmetrically located, are required for nom 2-1/2 through 3 in. diam through penetrants. Four toggle bolts, symmetrically located, are required for nom-3-1/2 through 4 in diam through penetrants.

**Bearing the UL Classification Marking

D. Optical Fiber Raceway* — Nom 2 in. diam (or smaller) optical fiber raceway formed from polyvinyl chloride (PVC) or nom 1-1/4 in. diam (or smaller) optical fiber raceway formed from polyvinylidene flouride (PVDF). Raceway to be installed in accordance with Article No. 770 of the National Electrical Code. Raceway to be rigidly supported on See Optical Fiber Raceway (QAZM) category in the Electrical Construction Materials Directory

installed in accordance with Article 331 of the National Electrical Code (NFPA No. 70). See Electrical Nonmetallic Tubing — (FKHU) category in the Electrical Construction Materials The hourly T Rating of the firestop system is dependent upon the hourly fire rating of the wall and the diam of the through—penetrant as shown below: Wall HrMax Diam of Through Penetrant in. T Rating Hr 12111-1/4122121-1/41-1/23. Fill, Void or Cavity Material** — Sealant — Min.⅓ in. thickness of fill material applied within annulus, flush with both surfaces of wall. Additional fill material to be installed such that a min. $ot\!\!/$ in. thick crown is formed around the penetrating item and lapping 1 in. beyond SPECIFIED TECHNOLOGIES INC. — SpecSeal 100, 101, 102, or 105 Sealant

Section A-A

System No. F-C-3013

F-Rating - 1 and 2 Hr (See Item 2A)

T-Rating - $\frac{7}{4}$, 1 and 2 Hr (See Item 2A)

Rating At Ambient — Less Than 1 CFM/sq ff

L Rating At 400 F - Less Than CFM/sq ft

Floor— Ceiling Assembly — The 1 hr fire—rated joist floor—ceiling assembly. The general construction features of the floor—ceiling assembly summarized below:

A. Flooring System - Lumber or plywood subfloor with finish floor of lumber, plywood as specified in the individual Floor-ceiling Design. Max. diam of floor opening is 2 in.

B. Wood Joists* Furring Channels

D. Gypsum Board* . Cables — One or more cables to be installed either concentrically or eccentrically within the firestop system. Cable(s) to be installed approximately midway between wood joist. Diam of openings hole—sawed through flooring and through gypsum wallboard ceiling to be min. $rac{1}{28}$ in. larger than the outside diam of cable or cable bundle. The annular space within the firestop system shall be min. 0 in. (point contact) to a max. 1-1/4 in. Cables to be rigidly supported on both sides of floor—ceiling assembly. The following types and sizes of cables may be used: A. Max. 100 pair No. 24 AWG (or smaller) copper conductor

materials. B. Max. 3/C (with ground) No. 2/O (or smaller) AWG aluminum conductor service entrance cable with PVC insulation and jacket materials.

telephone cables with polyvinyl chloride (PVC) insulation and jacket

C. Max. 3/C (with ground) No. 12 AWG (or smaller) copper conductor nonmetallic sheathed (Romex) cable with PVC insulation

and jacket materials. The number of cables allowed within the opening is dependent upon the type and size of cable as tabulated in Item 2A. 2A. Through Penetrating Product* (Not Shown) - As an alternate to Item 2, max. 4/C No. 2/O AWG (or smaller) aluminum or steel Armored Cable* or Metal-Clad Cable* with copper conductors. Max. one armored cable or metal-clad cable to be installed either concentrically or eccentrically within the firestop system. One cable to be installed approximately midway between wood joist. Diam of openinas hole-sawed through flooring system and through gypsum wallboard ceiling to be min. $rac{1}{2}$ in. larger than the outside diam of cable. The annular space within the firestop system shall be a min. 0 in. (point contact) to a max. 1-1/4 in. Through—penetrating product to be rigidly supported on both sides of a floor—ceiling assembly. SPECIFIED TECHNOLOGIES INC. - SpecSeal 100, 101, 102 or

105 Sealant *Bearing the UL Classification Marking

Proposed Westfield Area

YMCA & Township of Cranford Fitness Facility Collaboration

Noel S. Musial, A.I.A.

Noel S. Musial, II, A.I.A

N.J. 21A102068500

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EACH CONTRACTOR SHALL THOROUGHLY EXAMINE AND BECOME FAMILIAR WITH

ALL CONTRACT DOCUMENTS FOR THE PROJECT AND NOT LIMIT THEIR WORK I

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CT. 09009

MUSIAL

GROUP_{p.a}

191 Mill Lane

f. 908.232.2845

Mountainside, NJ 07092 t. 908.232.2860

ARCHITECTURE

e. studio@themusialgroup.com

THE

401 Centennial Ave Cranford, NJ 07016

No. Revision Description

ISSUED FOR PERMIT

SEPTEMBER 13, 2023

C. Copper Tubing - Nome 3 in. diam (or smaller) Type L

A. Fill, Void or Cavity Material* — Putty Pad — Nom

recessed min. ot Z in. from each surface of mortar. SPECIFIED TECHNOLIGES INC. — SpecSeal Putty Pads

C. Fill, Void or Cavity Material* — Mortar — Min. 3—1/2 or both surfaces of the wall assembly. Mortar to be mixed with water at a rate of 1.4 parts dry mixture to 1.0 part water by weight in accordance with the installation instructions supplied

*Bearing the UL Classification Marking **Bearing the UL Listing Mark

floor or from each surface of the wall. Mortar to be mixed with water at a rate of 1.4 parts dry mixture to 1.0 part water by SPECIFIED TECHNOLOGIES INC. — SpecSeal Mortar

mortar shall be recessed \nearrow in. from the bottom surface of the

C. Fill, Void or Cavity Material* — Mortar — Min. 3—1/2

weight in accordance with the installation instructions supplied with the product. Firestop Configuration B-B,

in. thickness of fill material applied within the annulus. The

2. Through Penetrants — One metallic pipe or tubing to be installed within the opening. Pipe or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes or tubing may be used: A. Steel Pipe — Nom 3 in. diam (or smaller) Schedule 10

(or heavier) steel pipe. B. Iron Pipe — Nom 3 in. diam (or smaller) cast or ductile iron pipe.

(or heavier) copper tubina. D. Copper Pipe — Nom 3 in. diam (or smaller) Regular

(or heavier) copper pipe. 3. Firestop Configuration — The firestop configuratoin shall consist of the following:

3-1/2 in. wide moldable putty. A single layer or putty pads shall be wrapped around outer circumference of through penetrant with ends butted. In floors, the putty pad shall be recessed $math{\mathcal{Y}}$ in. from the bottom surface of the floor and flush with the bottom edge of mortar (Item 3C). In walls, the putty pad shall be

B. Forms — (Not Shown) — Used as a form to prevent the leakage of fill material installation. Forms to be rigid sheet material, cut to fit the contour of the penetrating item and positioned on the bottom surface of the floor or both sides of the wall as required to accommodate the required thickness of fill material. Forms to be removed after fill material has cured. in. thickness of fill material applied within the annulus. Fill material to be recessed ot Z in. from the bottom surface of floor

with the product. SPECIFIED TECHNOLOGIES INC. — SpecSeal Mortar

***Bearing the UL Recognized Component Mark

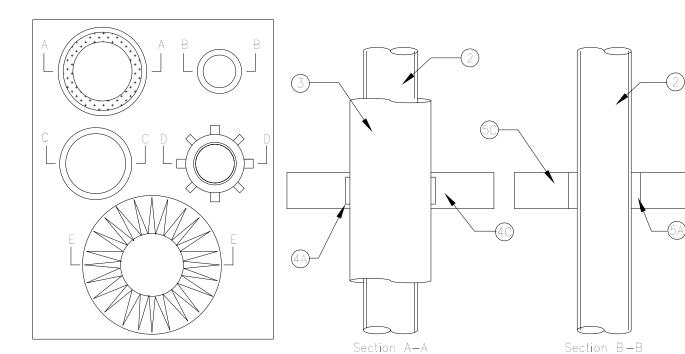
SEP. 13, 2023

125022.00

Drawn by:

Checked by:

THROUGH PENETRATION & FIRE STOPPING **DETAILS**



System No. C-AJ-8055

「−Rating − 0, ¾, 1 and 2 Hr (See Item 2)

1. Floor Assembly - Min. 4-1/2 in. thick reinforced lightweight or normal weight (100—150 pcf) concrete. 2. Firestop system — The firestop system consists of any

mortar, installed within the opening around the various

Firestop ConfigurationT Rating, HRA3/4B0C0D2E1

shown in the table below:

Firestop Configuration A—A

(or heavier) steal pipe.

(or heavier) copper tubing.

(or heavier) copper pipe.

ductile iron pipe.

the form of tubing.

94-5VA may be used.

consist of the following:

combination of the four individual firestop configurations described

of a through penetrant, wrap strip and/or putty pads, forms and

below, installed within the opening. Each configuration consists

configurations. The space between the firestop configurations

be a min. 1 in. to a max. 6-1/2 in. The T Rating of the

firestop system is dependent on the firestop configuration, as

2. Through—Penetrants — One metallic pipe or tubing to be

supported on both sides of floor or wall assembly. The following

B. Iron Pipe — Nom 3 in. diam (or smaller) cast or

A. Steep Pipe — Nom 3 in. diam (or smaller) Schedule 10

C. Copper Tubing — Nom 3 in. diam (or smaller) Type L

D. Copper Pipe — Nom 3 in. diam (or smaller) Regular

3. Tube Insulation — Plastics*** Nom $rac{1}{2}$ in. thick acrylonitrile

butadiene/polyvinyl chloride (AB/PVC) flexible foam furnished in

See Plastics** (QMFZ2) category in the Plastics Recognized

Recognized Component tube insulation material meeting the above

specifications and having a UL 94 Flammability Classification=n of

– A. Fill, Void or Cavity Material* — Wrap Strip — Nom ¼ in.

Compontent Directory for names of manufacturers. Any

4. Firestop Configuration — The firestop configuratoin shall

thick intumescent material faced on both sides with a plastic

film, supplied in 1-1/2 in. wide strips. One layer of wrap strip

aluminum foil tape. The wrap strip shall be recessed 1-1/2 in.

from the bottom surface of the concrete floor. In walls having

a thickness of 5 in. or less, the wrap strip shall be centered at

mid-depth of wall assembly. In walls having a thickness areater

than 5 in., the wrap strip shall be installed on both surfaces of

the wall such that exposed edge of the wrap strip is recessed

SPECIFIED TECHNOLOGIES INC. — SpecSeal RED Wrap Strip

the leakage of fill material installation. Forms to be rigid sheet

material, cut to fit the contour of the insulated penetrating item

and positioned on the bottom surface of the floor or both sides

of the wall as required to accommodate the required thickness of

fill material. Forms to be removed after fill material has cured.

B. Forms — (Noth Shown) — Used as a form to prevent

1-1/4 in. from each side of the wall.

installed around outer circumference of the insulated through

penetrant with ends butted and held in place with a layer of

installed within the opening. Pipe or tubing to be rigidly

types and sizes of metallic pipes or tubing may be used:

shall be a min. 2-1/2 in. to max. 13 in. The space between

the firestop configurations and the periphery of the opening shall

D. Copper Tubing Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier)

E. Copper Pipe Nom 6 in, (152 mm) diam (or smaller) Reqular (or heavier)

applied with annulus, flush with both surfaces of wall. At the point contact location material shall be applied at the gypsum board/through penetrant interface on both SPECIFIED TECHNOLOGIES INC. - SPECSEAL 100, 101, 102 or 105 Sealant

3. Fill, Void or Cavity Material* — Sealant Min. 🔏 in. (16 mm) thickness of fill material between through penetrant and gypsum board, a min. 🔏 in. (10 mm) diam bead of fill

through—penetrant on underside of gypsum wallboard ceiling. The numer of wrap strips required is dependent upon the diameter of the through—penetrant as tabulated

Diam of Through—Penetrant, in. No. of Wrap Strips 213243SPECIFIED TECHNOLOGIES INC. - SpecSeal RED Strip

surface to maintain the annular space around the through—penetrant and to retain the

*Bearing the UL Listing Mark

GENERAL DEMOLITION NOTES:

AND BECOME FAMILIAR WITH ALL DEMOLITION DOCUMENTS SKILLED WORKMEN TO PERFORM CUTTING AND PATCHING. DRAWINGS REFERENCED FOR INDIVIDUAL TRADES. REFER FEASIBLE TIME AND COMPLETE WITHOUT DELAY. CUT TO PLUMB., MECH. AND ELECT. DWGS. ALL ITEMS INDICATED WITH DASHED LINES ARE INCLUDED IN THE OF OTHER COMPONENTS OR PERFORMANCE OF OTHER DEMOLITION WORK.

2. _ DURING DEMOLITION, EXISTING FIRE DETECTORS THEIR ORIGINAL CONDITION. PROVIDE SHORING AND SHALL ALWAYS REMAIN IN OPERATION.

WHERE EXISTING INTERIOR PIPING IS TO BE REMOVED THROUGH OR WITHIN EXISTING CONCRETE FLOOR SLAB, PATCH FLOOR WITH NEW CONCRETE TO LEVEL OF EXISTING ADJACENT FLOOR SLAB.

4. _ ALL SAFTEY SYSTEMS SHALL BE MAINTAINED DURING DEMOLITION.

5. _GENERAL CONTRACTOR IS TO COORDINATE WITH TEMPORARILY COVER OPENINGS WHEN NOT IN USE, TO OWNER THE USE OF CRANES OR HOISTS, CONTRACTOR AVOID MARRING EXISTING FINISHED SURFACES, CUT SHALL COORDINATE WITH CITY FOR ANY STREET CLOSINGS, CRANE PLACEMENTS, ETC. AND OBTAIN AND CUTTING MACHINE SUCH AS A CARBORUNDUM SAW OR PAY FOR ANY RELATED PERMITS. ALL COSTS FOR USE DIAMOND CORE DRILL. PROVIDE SHORING AND BRACING OF CRANES SHALL BE INCLUDED IN THE BASE BID.

6. _ PROTECT EXISTING BUILDING SURFACES SCHEDULED TO REMAIN DURING CONSTRUCTION.

7. _ CONTRACTOR TO MAINTAIN THE SITE CONDITIONS WATER DAMAGE SHALL BE BORNE BY THE CONTRACTOR DURING DEMOLITION AND CONSTRUCTION TO ENSURE A PROTECTED, SAFE, ORDERLY, & CLEAN SITE AND BUILDING.

8. _THE CONTRACTOR SHALL EXAMINE THE EXISTING CONSTRUCTION IS TIED INTO EXISTING, ALL PATCHING GENERAL CONTRACTOR AND ALL SUBCONTRACTORS 9. SHALL VISIT THE SITE TO FAMILIARIZE THEMSELVES ARE TO BE REPAIRED TO LIKE NEW CONDITION. WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTAL OF

10. _ SOME SELECTIVE EXISTING PIPING, CONDUIT & NUMBERS AND ROOM NAMES ON THE CONSTRUCTION WIRING WITHIN THE BUILDING IS TO BE DEMOLISHED. ALL PLAN. SELECTIVE EXISTING ELECTRICAL PANELS, FEEDERS AND ALL BRANCH CIRCUITS SHALL BE DISCONNECTED AND REMOVED IN THEIR ENTIRETY.

11. _THE GENERAL CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR DISPOSAL CONTAINERS TO REMOVE DEBRIS FROM SITE. TRANSPORT ALL DEBRIS AND

12. _ANY EXISTING WALL TO BE DEMOLISHED OR CUT OPEN AND FOUND TO CONTAIN STRUCTURAL SUPPORTS OR OTHER SERVICES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT UPON DISCOVERY FOR

LEGALLY DISPOSE OFF OF SITE.

DIRECTION.

_ EACH CONTRACTOR SHALL THOROUGHLY EXAMINE 13. _CUTTING AND PATCHING GENERAL: EMPLOY FOR THE PROJECT AND NOT LIMIT THEIR WORK TO PROCEED WITH CUTTING AND PATCHING AT THE EARLIEST EXISTING CONSTRUCTION TO PROVIDE FOR INSTALLATION CONSTRUCTION ACTIVITIES AND THE SUBSEQUENT FITTING AND PATCHING REQUIRED TO RETURN SURFACES TO BRACING AS WELL AS PROTECTIVE BARRIERS TO SECURE

> 14. _CUTTING: CUT EXISTING CONSTRUCTION USING METHODS LEAST LIKELY TO DAMAGE ELEMENTS TO BE RETAINED OR ADJOINING CONSTRUCTION. IN GENERAL. WHERE CUTTING IS REQUIRED, USE HAND OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING. CUT HOLES AND SLOTS NEATLY TO SIZE REQUIRED WITH MINIMUM DISTURBANCE OR ADJACENT SURFACES. CONCRETE, MASONRY OR NATURAL STONE USING A AS WELL AS PROTECTIVE BARRIERS AS REQUIRED TO SECURE CONDITIONS. WET SAWING AND/OR CORING SHALL REQUIRE THE CONTRACTOR TO PROTECT ALL REMAINING SURFACES AND ROOM AREAS FROM WATER DAMAGE AND/OR PENETRATION. THE COST FOR ANY

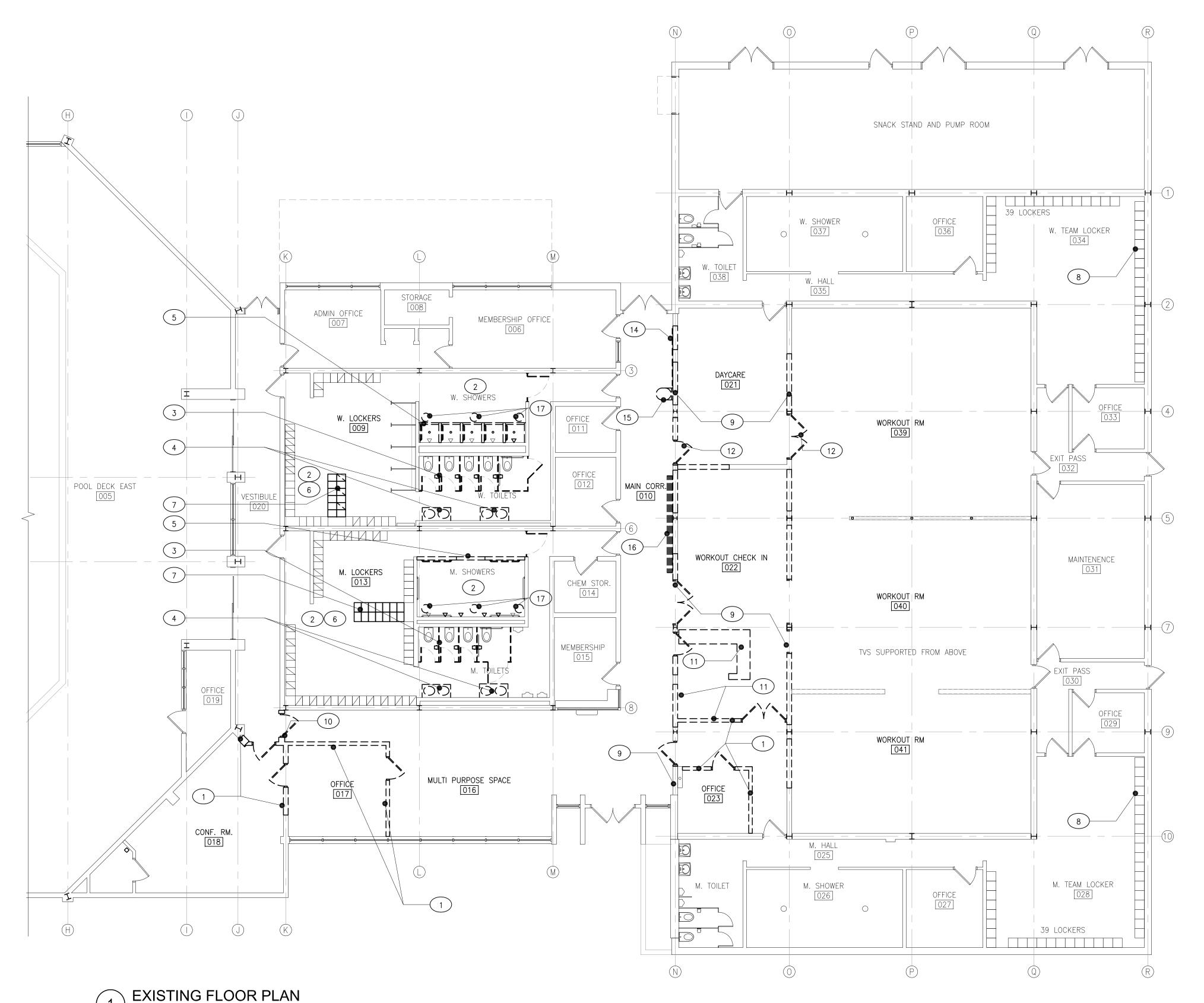
15. _WHERE SPOT PATCHING IS REQUIRED, IT SHALL MATCH THE EXISTING SURROUNDING SURFACES IN TEXTURE, FINISH, AND COLOR. WHERE NEW BUILDING BEFORE DEMOLITION OR CONSTRUCTION. THE SHALL BE FEATHERED IN SO AS TO PROMOTE INVISIBLE JOINTS. ALL SURFACES SCARRED BY DEMOLITION WORK

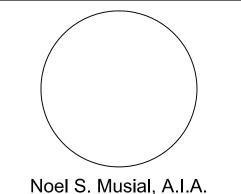
> 16. ROOM NUMBERS AND ROOM NAMES ON THE DEMOLITION PLAN MAY NOT CORRESPOND TO THE ROOM

NOTE:
REFER TO SPECIFIC NUMBERED DEMOLITION NOTES ON DRAWINGS AD SERIES DRAWINGS

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

- **DEMOLITION NOTES:** (1) EXISTING WALL AND DOOR WITH DOOR FRAME WITHIN WALL TO BE REMOVED.
- (2) EXISTING TILE FLOORING TO BE REMOVED
- (3) EXISTING TOILET PARTITIONS AND TOILET ACCESSORIES ATTACHED TO THE TOILET PARTITIONS TO BE REMOVED. EXISTING WATER CLOSETS AND URNIAL TO REMAIN
- (4) EXISTING COUNTERS AND SINKS TO BE REMOVED
- 5 EXISTING CURB TO BE REMOVED
- (6) EXISTING CEILING TO BE REMOVED
- 7 EXISTING LOCKERS TO BE REMOVED IN THE EXISTING WOMEN'S AND MEN'S LOCKER ROOMS.
- 8 EXISTING LOCKERS TO REMAIN IN THE EXISTING WOMEN'S AND MEN'S TEAM LOCKER ROOMS.
- (9) REMOVE PORTIONS OF WALLS. PROTECT EXISTING COLUMNS. LEAVE PORTION OF WALLS TO SUPPORT NEW LINTELS THAT REQUIRE 8" BEARING UPON THE REMAINING PORTION OF WALLS. COORDINATE WITH CONSTRUCTION AND STRUCTURAL DRAWINGS. PATCH REMAINING PORTION OF WALLS TO MAKE SQUARE AND FINISHSED PER ARCHITECTURAL DRAWINGS. VIF.
- (10) REMOVE PORTION OF WALL WITH DOOR AND DOOR FRAME.
- (11) REMOVE AND PROTECT EXISTING MODULAR FURNITURE FROM DAMAGE. COORDINATE WTIH OWNER TO DETERMINE WHERE TO
- (12) REMOVE EXISTING DOOR AND DOOR FRAME
- REMOVE ITEMS ALONG THE WALL INCLUDING FIRST AID CABINET, FILING CABINET, WALL MOUNTED FAN.
- (14) REMOVE BULLETON BOARD
- (15) REMOVE DRINKING FOUNTAIN, PATCH WALL TO MATCH EXISTING.
- (16) REMOVE COAT RACKS, PATCH WALL
- (17) REMOVE FLOOR DRAIN COVERS





N.J. A105415 N.Y. 11339 CT. 09009 PA. B 6580 Noel S. Musial, II, A.I.A N.J. 21A102068500

THE MUSIAL **ARCHITECTURE**

191 Mill Lane Mountainside, NJ 07092 t. 908.232.2860 f. 908.232.2845 e. studio@themusialgroup.com

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DEMOLITION FLOOR PLAN

AD101

GENERAL DEMOLITION NOTES:

_ EACH CONTRACTOR SHALL THOROUGHLY EXAMINE 13. _CUTTING AND PATCHING GENERAL: EMPLOY AND BECOME FAMILIAR WITH ALL DEMOLITION DOCUMENTS SKILLED WORKMEN TO PERFORM CUTTING AND PATCHING. FOR THE PROJECT AND NOT LIMIT THEIR WORK TO PROCEED WITH CUTTING AND PATCHING AT THE EARLIEST DRAWINGS REFERENCED FOR INDIVIDUAL TRADES. REFER FEASIBLE TIME AND COMPLETE WITHOUT DELAY. CUT TO PLUMB., MECH. AND ELECT. DWGS. ALL ITEMS INDICATED WITH DASHED LINES ARE INCLUDED IN THE OF OTHER COMPONENTS OR PERFORMANCE OF OTHER DEMOLITION WORK.

2. _ DURING DEMOLITION, EXISTING FIRE DETECTORS THEIR ORIGINAL CONDITION. PROVIDE SHORING AND SHALL ALWAYS REMAIN IN OPERATION.

WHERE EXISTING INTERIOR PIPING IS TO BE REMOVED THROUGH OR WITHIN EXISTING CONCRETE FLOOR SLAB, PATCH FLOOR WITH NEW CONCRETE TO LEVEL OF EXISTING ADJACENT FLOOR SLAB.

4. _ ALL SAFTEY SYSTEMS SHALL BE MAINTAINED DURING DEMOLITION.

5. _GENERAL CONTRACTOR IS TO COORDINATE WITH TEMPORARILY COVER OPENINGS WHEN NOT IN USE, TO OWNER THE USE OF CRANES OR HOISTS, CONTRACTOR AVOID MARRING EXISTING FINISHED SURFACES, CUT SHALL COORDINATE WITH CITY FOR ANY STREET CLOSINGS, CRANE PLACEMENTS, ETC. AND OBTAIN AND CUTTING MACHINE SUCH AS A CARBORUNDUM SAW OR PAY FOR ANY RELATED PERMITS. ALL COSTS FOR USE DIAMOND CORE DRILL. PROVIDE SHORING AND BRACING OF CRANES SHALL BE INCLUDED IN THE BASE BID.

6. _ PROTECT EXISTING BUILDING SURFACES SCHEDULED TO REMAIN DURING CONSTRUCTION.

7. _ CONTRACTOR TO MAINTAIN THE SITE CONDITIONS WATER DAMAGE SHALL BE BORNE BY THE CONTRACTOR. DURING DEMOLITION AND CONSTRUCTION TO ENSURE A PROTECTED, SAFE, ORDERLY, & CLEAN SITE AND BUILDING.

8. _THE CONTRACTOR SHALL EXAMINE THE EXISTING CONSTRUCTION IS TIED INTO EXISTING, ALL PATCHING BUILDING BEFORE DEMOLITION OR CONSTRUCTION. THE SHALL BE FEATHERED IN SO AS TO PROMOTE INVISIBLE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS 9. SHALL VISIT THE SITE TO FAMILIARIZE THEMSELVES ARE TO BE REPAIRED TO LIKE NEW CONDITION. WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTAL OF

10. _ SOME SELECTIVE EXISTING PIPING, CONDUIT & NUMBERS AND ROOM NAMES ON THE CONSTRUCTION WIRING WITHIN THE BUILDING IS TO BE DEMOLISHED. ALL PLAN. SELECTIVE EXISTING ELECTRICAL PANELS, FEEDERS AND ALL BRANCH CIRCUITS SHALL BE DISCONNECTED AND REMOVED IN THEIR ENTIRETY.

11. _THE GENERAL CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR DISPOSAL CONTAINERS TO REMOVE DEBRIS FROM SITE. TRANSPORT ALL DEBRIS AND LEGALLY DISPOSE OFF OF SITE.

12. _ANY EXISTING WALL TO BE DEMOLISHED OR CUT OPEN AND FOUND TO CONTAIN STRUCTURAL SUPPORTS OR OTHER SERVICES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT UPON DISCOVERY FOR DIRECTION.

EXISTING CONSTRUCTION TO PROVIDE FOR INSTALLATION CONSTRUCTION ACTIVITIES AND THE SUBSEQUENT FITTING AND PATCHING REQUIRED TO RETURN SURFACES TO BRACING AS WELL AS PROTECTIVE BARRIERS TO SECURE

14. _CUTTING: CUT EXISTING CONSTRUCTION USING METHODS LEAST LIKELY TO DAMAGE ELEMENTS TO BE RETAINED OR ADJOINING CONSTRUCTION. IN GENERAL, WHERE CUTTING IS REQUIRED, USE HAND OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING. CUT HOLES AND SLOTS NEATLY TO SIZE REQUIRED WITH MINIMUM DISTURBANCE OR ADJACENT SURFACES. CONCRETE, MASONRY OR NATURAL STONE USING A AS WELL AS PROTECTIVE BARRIERS AS REQUIRED TO SECURE CONDITIONS. WET SAWING AND/OR CORING SHALL REQUIRE THE CONTRACTOR TO PROTECT ALL REMAINING SURFACES AND ROOM AREAS FROM WATER DAMAGE AND/OR PENETRATION. THE COST FOR ANY

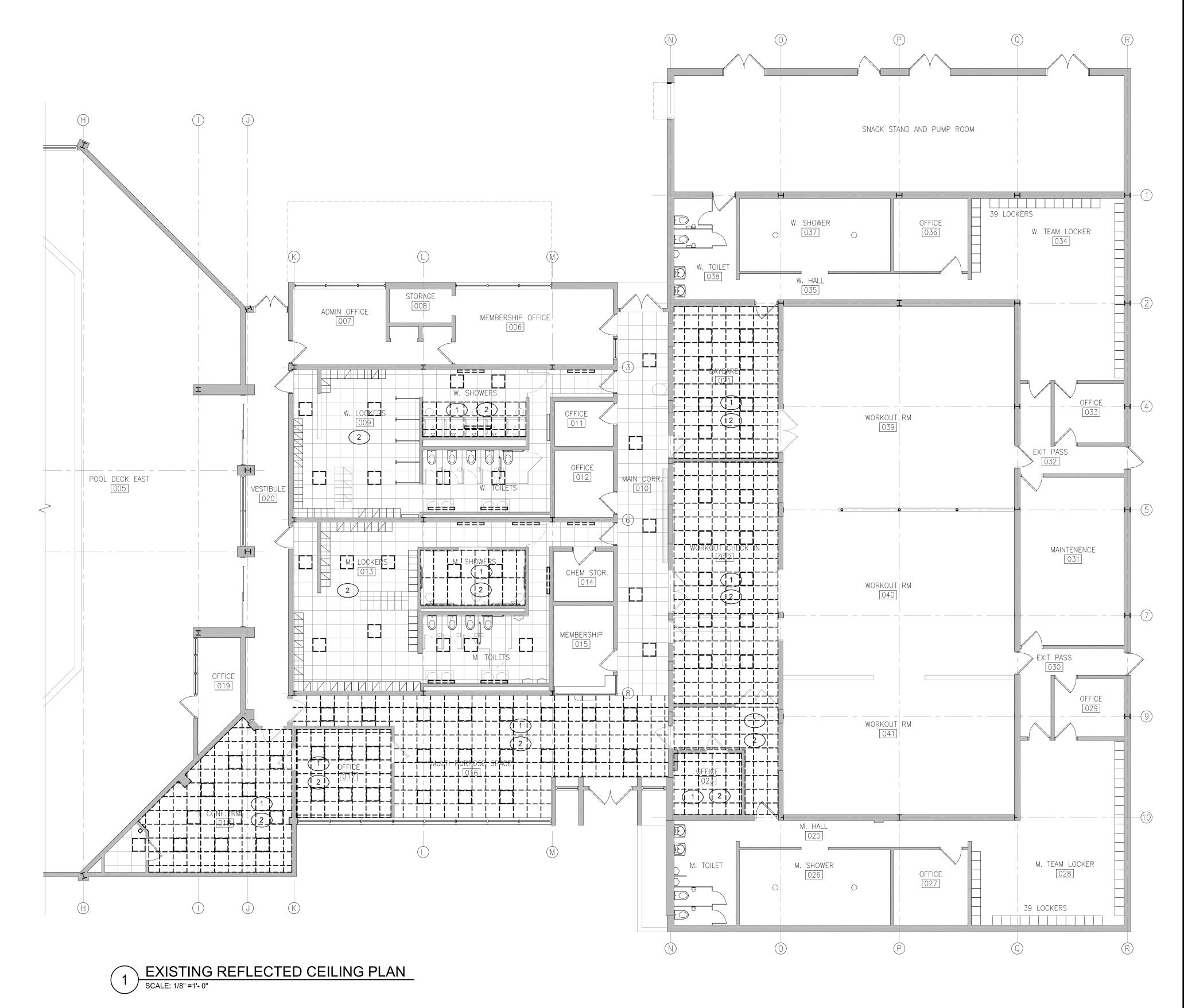
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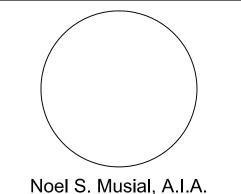
16. ROOM NUMBERS AND ROOM NAMES ON THE DEMOLITION PLAN MAY NOT CORRESPOND TO THE ROOM

NOTE:
REFER TO SPECIFIC NUMBERED DEMOLITION NOTES ON DRAWINGS AD SERIES DRAWINGS

DEMOLITION NOTES: (1) EXISTING CEILING TO BE REMOVED

2 EXISTING LIGHT FIXTURES TO BE REMOVED





N.J. A105415 N.Y. 11339 CT. 09009 PA. B 6580 Noel S. Musial, II, A.I.A N.J. 21A102068500

THE MUSIAL GROUP,.. **ARCHITECTURE**

191 Mill Lane Mountainside, NJ 07092 t. 908.232.2860 f. 908.232.2845 e. studio@themusialgroup.com

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DEMOLITION REFLECTED CLG FLOOR PLAN

AD111

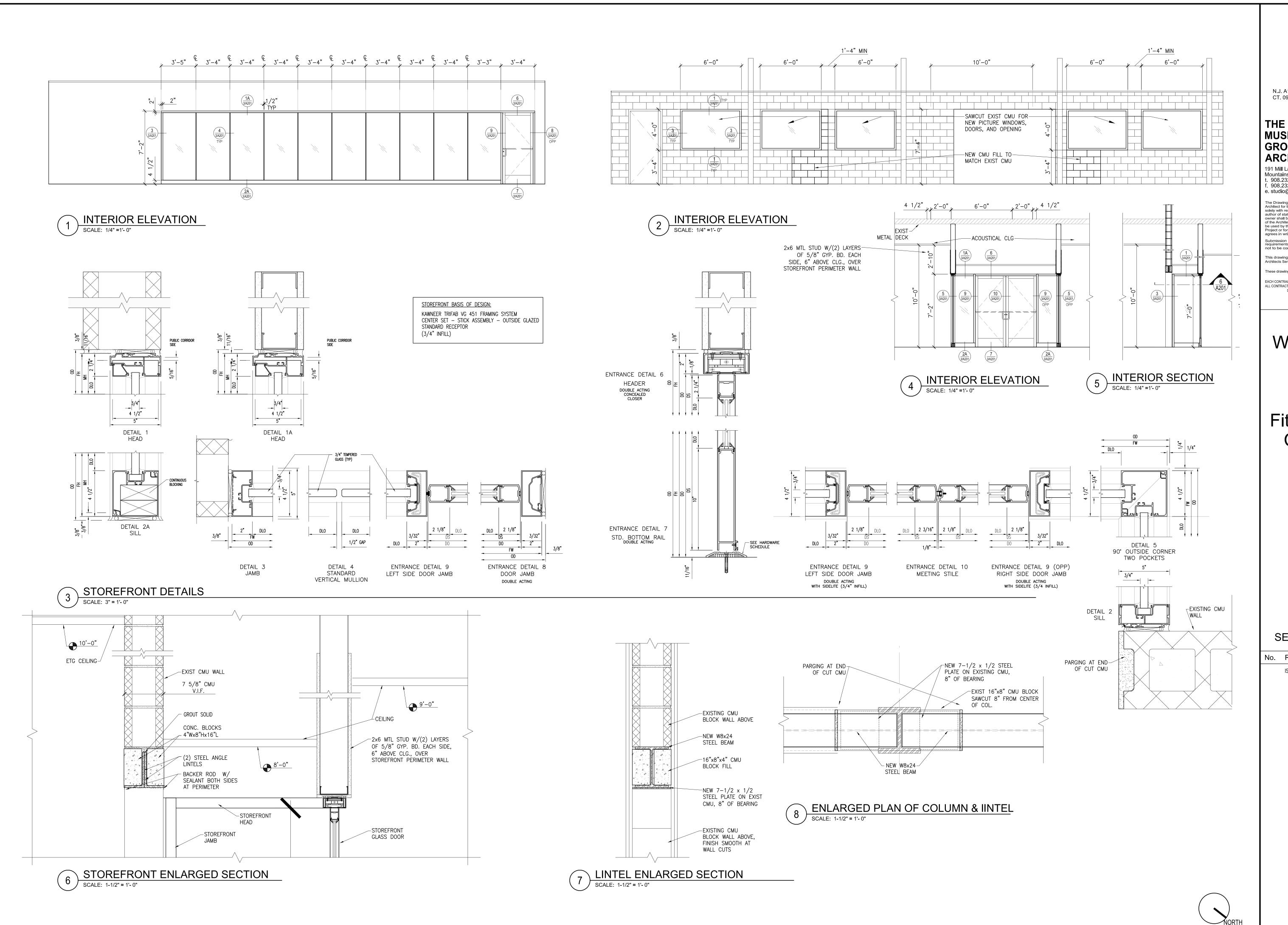
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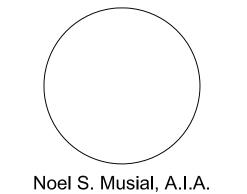
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Cranford, NJ 07016





N.J. A105415 N.Y. 11339 CT. 09009 PA. B 6580 Noel S. Musial, II, A.I.A N.J. 21A102068500

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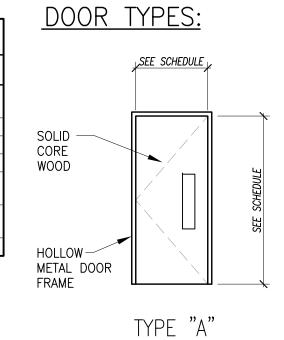
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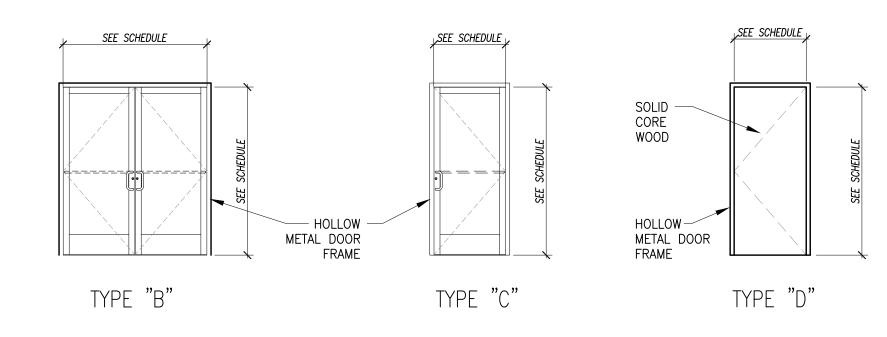
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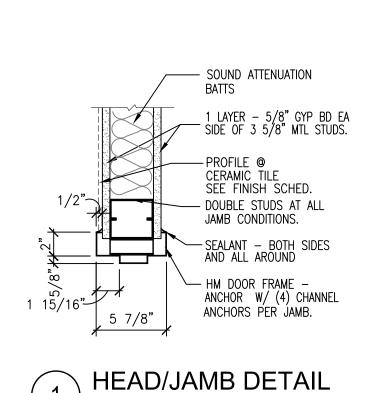
INTERIOR ELEVATIONS SECTIONS & DETAILS

Δ201

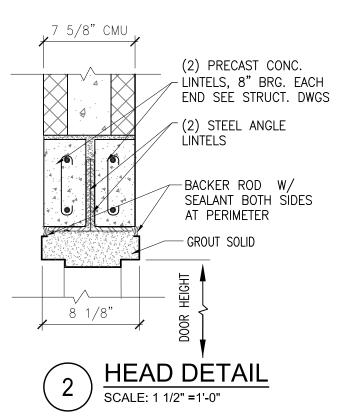
					DO	OR S	SCHE	DULE		
DOOR					FRAME			NOTES		
Number	TYPE	WD	HGT	THK	MATL	MATL	HEAD	JAMB	SADDLE	NOTES
1	Α	3'-0"	7'-2"	1 3/4"	НМ	НМ	2/A601	3/A601		W/ CLOSER
2	В	6'-0"	7'-0"	1 1/4"	ALUMN.	ALUMN.	6/3/A201	8/3/A201		
3	Α	3'-0"	7'-0"	1 3/4"	НМ	НМ	1/A601	1/A601		W/ CLOSER
4	С	3'-0"	7'-0"	1 1/4"	ALUM	ALUM	6/3/A201	8/3/A201		
5	Α	3'-0"	7'-0"	1 3/4"	НМ	НМ	1/A601	1/A601		
6	Α	3'-0"	7'-0"	1 3/4"	НМ	НМ	1/A601	1/A601		W/ CLOSER
7	D	3'-0"	7'-0"	1 3/4"	НМ	НМ	1/A601	1/A601		

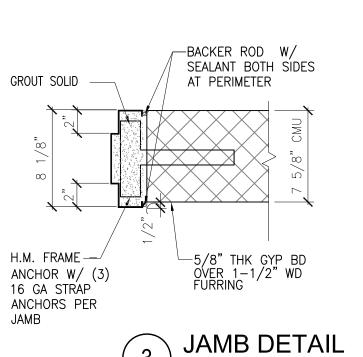






SCALE: 1 1/2" =1'-0"





SCALE: 1 1/2" =1'-0"

	FINISH SCHEDULE							
ROOM NO	ROOM NAME	FLOOR	BASE	WALL	CEILING	REMARKS		
101	WOMEN'S LOCKER ROOM	EPOXY	EPOXY	PTD.	EXTG.	PREPARE SUBSTRATES IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS		
102	MEN'S LOCKER ROOM	EPOXY	EPOXY	PTD.	EXTG.	PREPARE SUBSTRATES IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS		
103	MULTI PURPOSE SPACE	EPOXY	VINYL	PTD.	EXTG.	PREPARE SUBSTRATES II ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS		
104	CORRIDOR	EPOXY	VINYL	PTD.	EXTG.	PREPARE SUBSTRATES IN ACCORDANCE WITH MANUFACTURER'S		

VINYL

PTD.

CONTINUOUS & LEVEL #8 X 2" RD. HD. SMS.
HEADER BY OTHERS

15/8"
RECESS

9"STACKED

9"STACKED

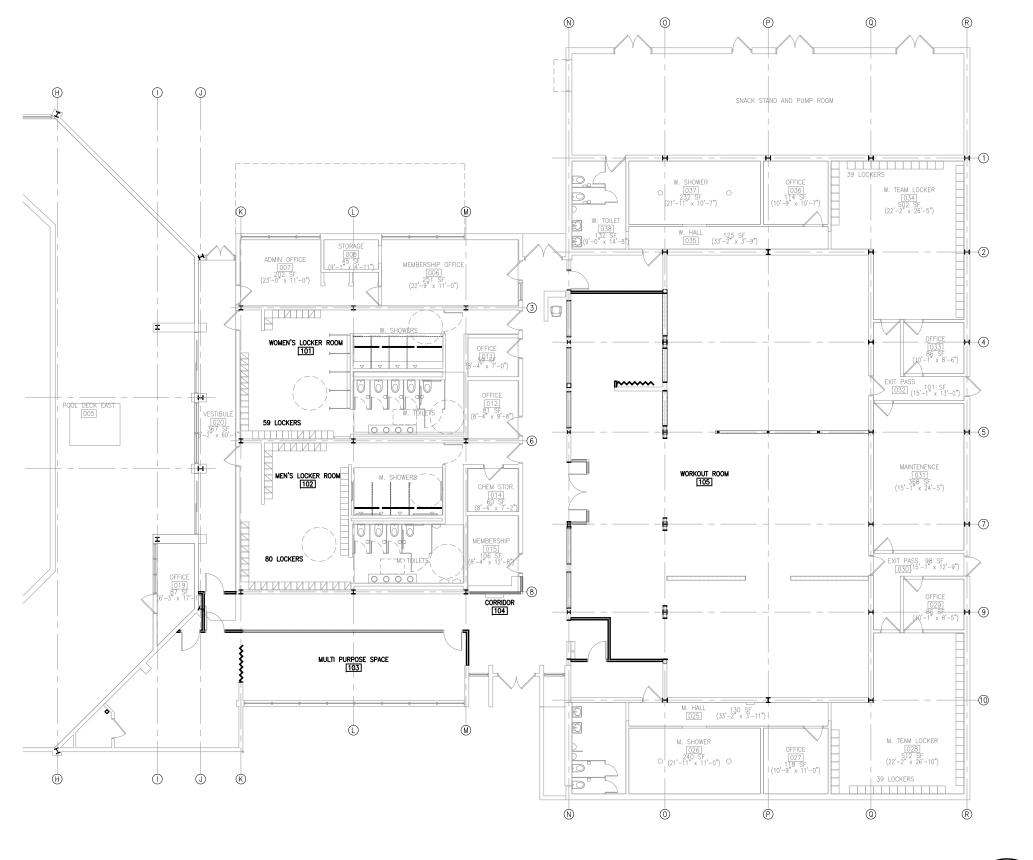
BOTTOM OF FABRIC

FINISHED FLOOR

ACCORDION DOOR NOTE:

DOOR BY MODERNFOLD MODEL# 8M,
SIZE: 8'-6"L x 8'-0"H
STACK WIDTH: 9"
STACK DEPTH: 2-1/8"
FRAME: ALL STELL
HINGE TYPE: STEEL
WEIGHT: 4-1/4"Ib/SQ.FT
MANUAL OPERATION

4 ACCORDION DOOR DETAIL
SCALE: 1 1/2" =1'-0"



5 FINISH FLOOR PLAN

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

WORKOUT ROOM | RUBBER SPORTS FLOORING



MANUFACTURER'S REQUIREMENTS

PREPARE SUBSTRATES II ACCORDANCE WITH

MANUFACTURER'S

REQUIREMENTS

EXTG. PTD.

Noel S. Musial, A.I.A.
N.J. A105415
N.Y. 11339

CT. 09009 PA. B 6580

Noel S. Musial, II, A.I.A

N.J. 21A102068500

THE
MUSIAL
GROUP,a
ARCHITECTURE

191 Mill Lane Mountainside, NJ 07092 t. 908.232.2860 f. 908.232.2845 e. studio@themusialgroup.com

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DOOR SCHEDULE & DETAILS, FINISH FLOOR

A601

PLAN

DEMOLITION NOTES:

1. PATCH ALL WALL, FLOOR, AND ROOF OPENINGS AS NECESSARY DUE TO PIPING, DUCTWORK OR EQUIPMENT REMOVALS TO MATCH EXISTING ADJACENT CONSTRUCTION.

2. REMOVED EQUIPMENT AND MATERIALS, THAT THE OWNER WANTS TO KEEP, SHALL BE DELIVERED BY THE CONTRACTOR TO AN ON-SITE STORAGE LOCATION DESIGNATED BY THE OWNER.

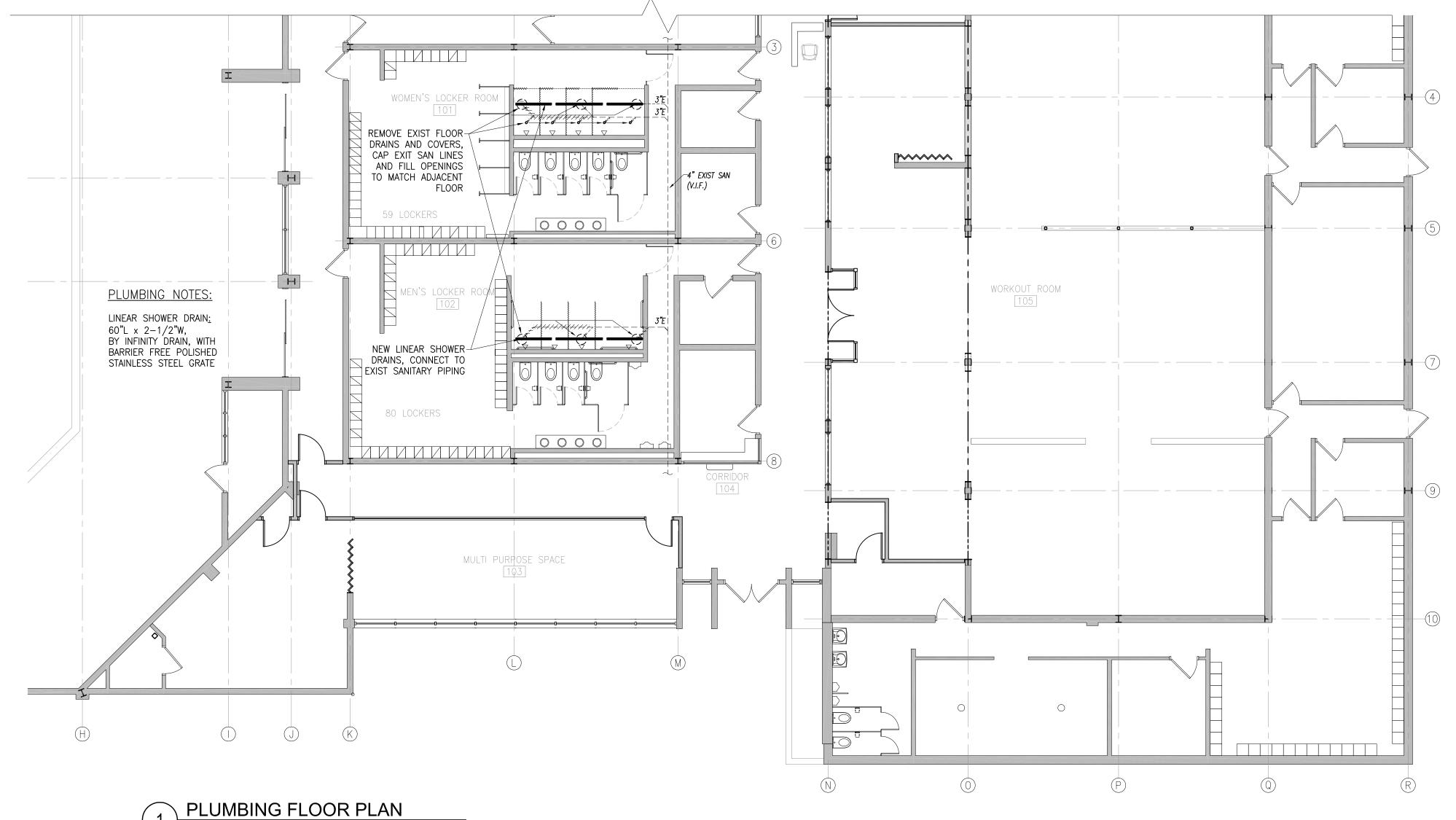
3. REMOVED EQUIPMENT AND MATERIALS NOT WANTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROMPTLY REMOVED FROM THE SITE.

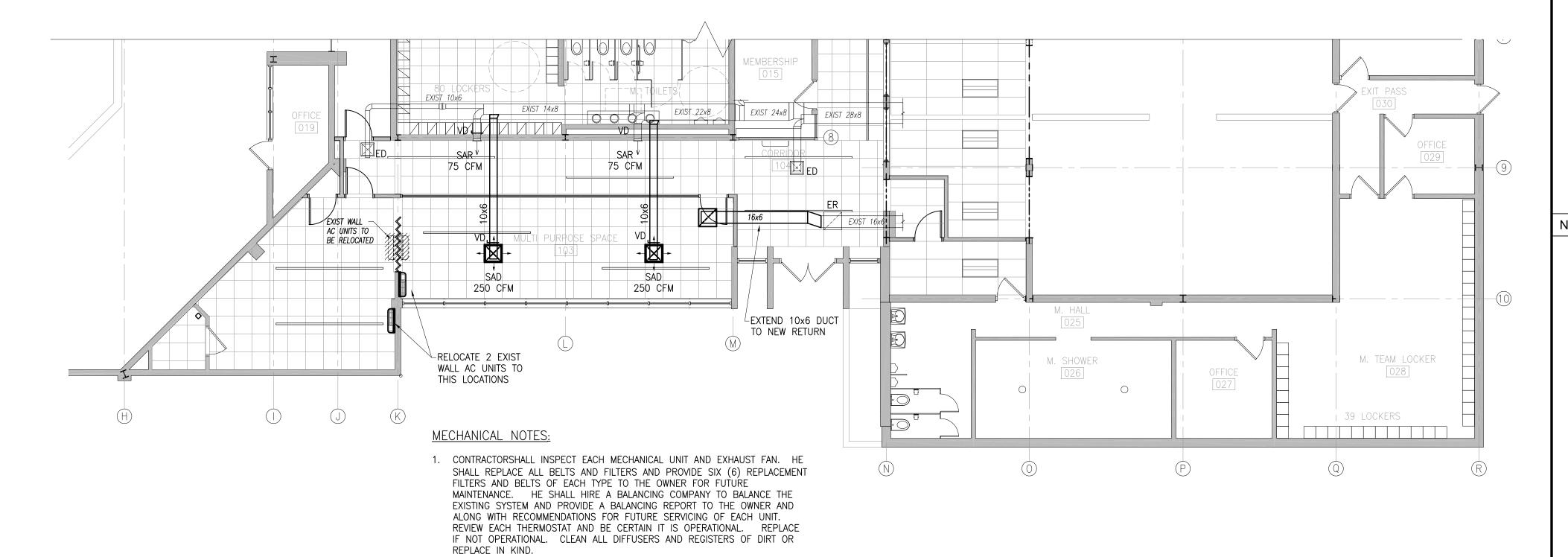
DEMOLITION LEGEND:

REMOVE EXISTING PIPING

REMOVE EXISTING EQUIPMENT

EXISTING EQUIPMENT / PIPING TO REMAIN





2. EXTENT DUCT WORK INTO NEW CHILD WATCH / MULTI-PURPOSE SPACE.

MECHANICAL FLOOR PLAN SCALE: 1/8" =1'- 0"

Noel S. Musial, A.I.A. N.J. A105415 N.Y. 11339 CT. 09009 PA. B 6580

Noel S. Musial, II, A.I.A THE MUSIAL GROUP,a.

ARCHITECTURE 191 Mill Lane Mountainside, NJ 07092 t. 908.232.2860 f. 908.232.2845 e. studio@themusialgroup.com

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PART PLUMBIMG & MECHANICAL FLOOR PLAN

PM101