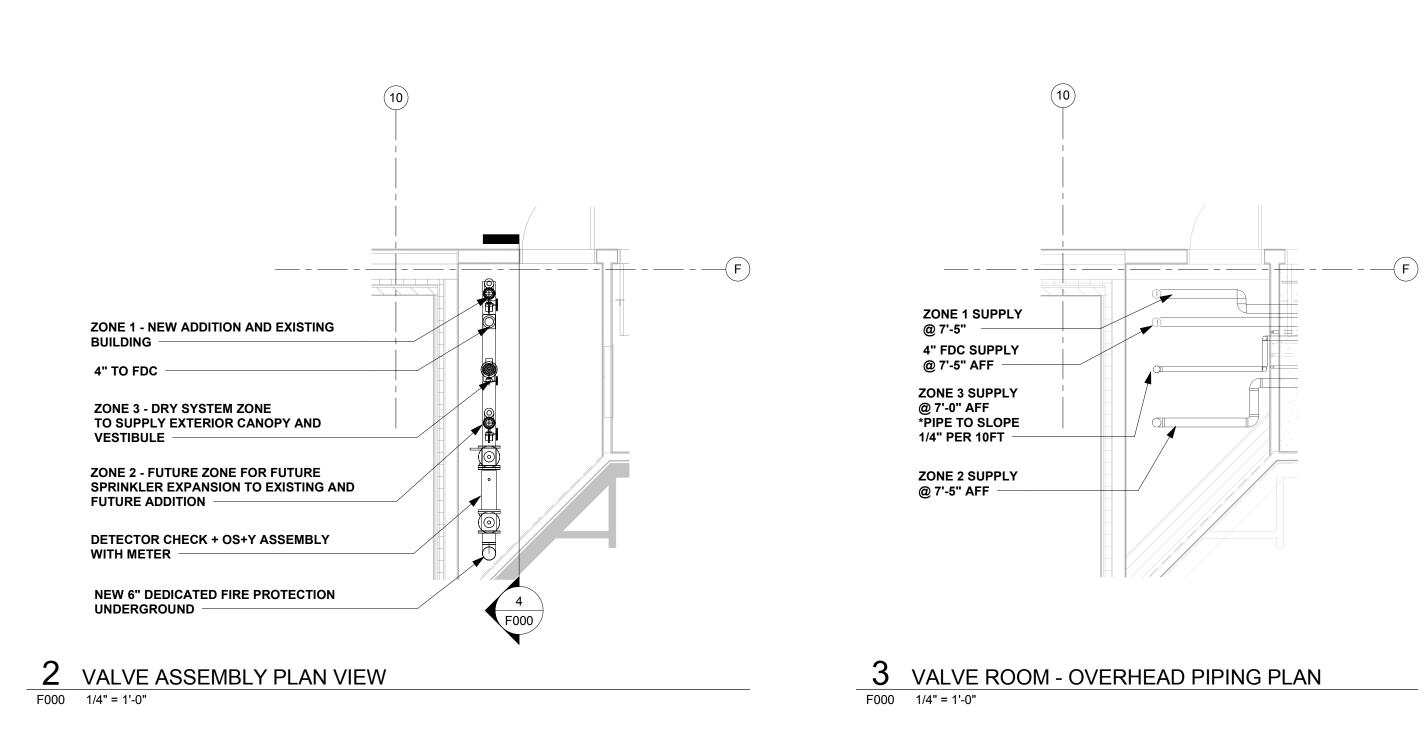
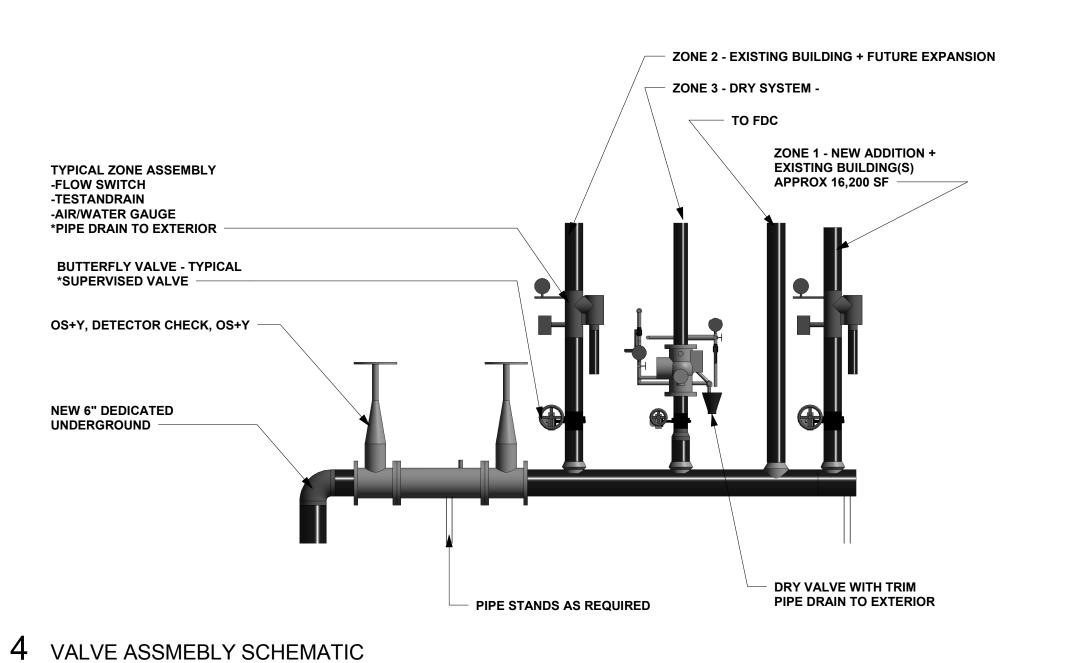


OVERALL BUILDING PLAN





- FIRE PROTECTION CONTRACTOR'S SCOPE OF WORK INCLUDES NEW VALVE ASSEMBLIES AT NEW CONNECTION. SPRINKLER PROTECTION REQUIRED THIS PROJECT. SEE OVERALL PLAN FOR LOCATIONS CEILINGS. DRY SYSTEM PROTECTION REQUIRED AT EXISTING ENTRANCE CANOPY.
- CALCULATIONS
- FINISHED CEILINGS.
- 6. ALL COMPONENTS OF THE SPRINKLER SYSTEM SHALL BE IN ACCORDANCE WITH NFPA 13 (2013), NFPA 14 (2013) AND NFPA 25 (2014)
- STROBES ARE TO BE PROVIDED AND INSTALLED BY THE FIRE PROTECTIN CONTRACTOR AND WIRED BY DIVISION 28.
- 10. HANG ALL PIPING PER NFPA 13 CHAPTER 9. CONTRACTOR SHALL INDICATE ALL PIPE SUPPORTS.
- 11. STEEL PIPING IS REQUIRED IN ALL AREAS

WITH NFPA 13 - 200 PSI FOR 2 HRS

- SPRINKLER SYSTEMS. TEMPERATURES MAINTAINED ALL TIMES, AT THE RESPONSIBILITY OF THE OWNER
- ASSEMBLIES ARE REQUIRED TO BE SEALED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BULIDING CODE OR OTHER APPROVED MEANS. SEE ARCHITECTURAL PLANS FOR RATED WALL LOCATIONS.
- 14. COORDINATION IS REQUIRED WITH ALL TRADES. PROVIDE SPRINKLER PROTECTION ABOVE AND BELOW ALL OBSTRUCTIONS AS REQUIRED BY NFPA
- PRIOR TO FABRICATION OF PIPING OR INSTALLATION OF WITHIN THOSE SPACES. ABOVE CEILING FIELD **VERIFICATION WAS NOT POSSIBLE IN ALL SPACES AND IS** BASED ON AS-BUILT DOCUMENTATION.
- IN EXISTING AREAS CLOSELY WITH THE GENERAL CONTRACTOR AND/OR OWNER'S REPRESENTATIVE.

**DIVISION 21 GENERAL NOTES** 

- CONFIRM SPRINKLER SYSTEM PIPE SIZING VIA HYDRAULIC
- SPRINKLER PIPING, SPRINKLERS, PIPE SUPPORTS, AND CHECK VALVES.

- PRIOR TO FABRICATION
- 12. UNLESS NOTED OTHERWISE ALL AREAS INCLUDE WET GREATER THAN OR EQUAL TO 40 DEGREES FAHRENHEIT AT
- 15. IN EXISTING AREAS THE CONTRACTOR SHALL CONFIRM
- 16. COORDINATE SCHEDULE AND PHASING OF INSTALLATION

- UNDERGROUND LOCATION AND NEW FIRE DEPARTMENT THROUGHOUT THE NEW 2-STORY LEARNING CENTER AND SELECT PORTIONS OF THE EXISTING FACILITY AS PART OF REQUIRING SPRINKLER PROTECTION. WORK WITHIN THE EXISTING FACILTY INCLUDES WORK THROUGH EXISTING
- ALL AREAS ASSUME LIGHT HAZARD PROTECTION IN ACCORDANCE WITH NFPA 13 (2013) UNLESS NOTED
- PROVIDE ALL SYSTEM COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION. SYSTEM COMPONENTS SHALL INCLUDE BUT ARE NOT LIMITED TO DISTRIBUTION PIPING, ALARMS, DRAINS, TEST CONNECTIONS, CONTROL VALVES
- CONCEALED SPRINKLERS REQUIRED IN AREAS WITH
- TAMPER SWITCHES, FLOW SWITCHES AND HORN &
- 8. TESTING OF SPRINKLER PIPING SHALL BE IN ACCORDANCE
- 9. SHOP DRAWINGS SHALL BE APPROVED BY THE OWNER'S DESIGNATED REPRESENTATIVE AND THE CITY OF MADISON
- 13. ALL PENETRATIONS AT FIRE BARRIERS OR OTHER RATED

Civil Engineer

Architecture 612 375 0336 tel Interiors and 612 342 2216 fax Urban Design www.msrdesign.com

MSR 710 South 2nd Street, 8th Floor Minneapolis, Minnesota 55401–2282

Vierbicher Associates, Inc.

608.826.0532 tel

608.251.3600 tel

IMEG Corp.

608.223.9600 tel

999 Fourier Drive, Suite 201 Madison, WI 53717

Landscape Architect

Ken Saiki Design, Inc.

303 South Paterson Street, Suite 1 Madison, WI 53703

Structural Engineer, Technology and A/V

1800 Deming Way, Suite 200 Middleton, WI 53562

MEP Engineer

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860 Blue Gentian Road, Suite 175 Eagan, MN 55121

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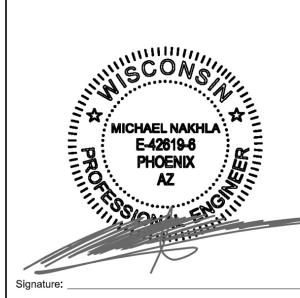
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Cincinnati, OH 45217 513.242.0310 tel

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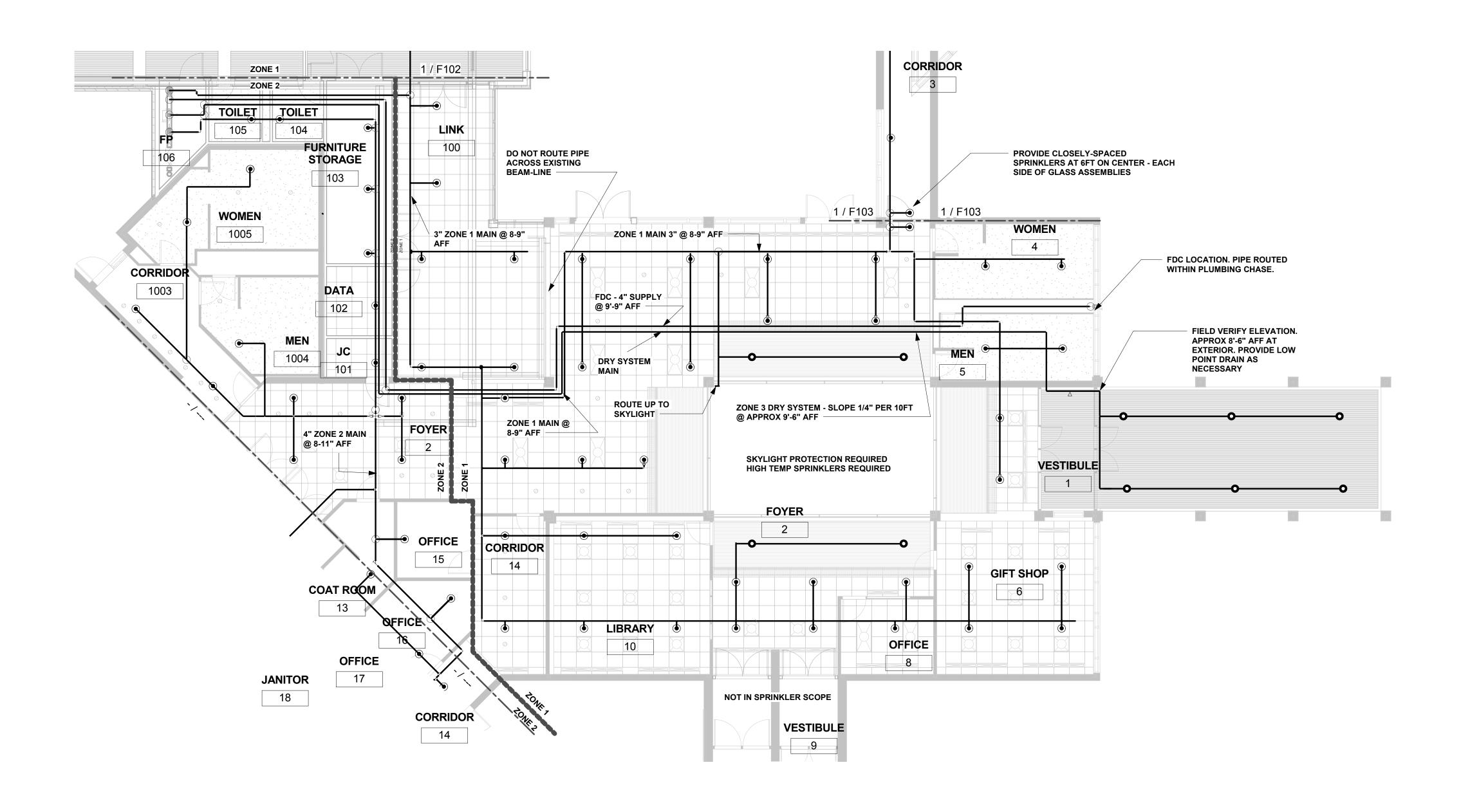
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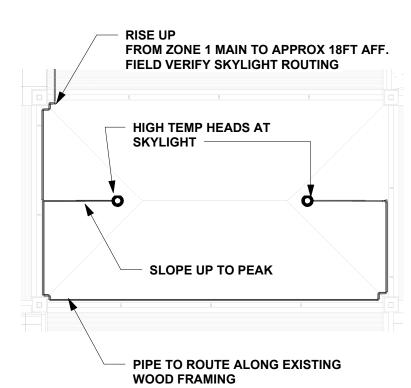
**DETAILS** EXHIBIT M F000

SITE PLAN,

GENERAL NOTES,



LEVEL 1 - FIRE PROTECTION PLAN EXISTING BUILDING F100 1/8" = 1'-0"



2 SKYLIGHT PROTECTION

- DOCUMENTATION. CONTRACTOR TO CONFIRM FINAL ROUTING + ELEVATIONS BASED ON SITE CONDITIONS AND EXISTING **EQUIPMENT LOCATIONS ONCE CEILING TILE HAS BEEN REMOVED.**
- COORDINATE CEILING TILE REMOVAL WITH GENERAL CONTRACTOR FACILITY WILL REMAIN OPERATIONAL
- DRY SYSTEM PIPING TO SLOPE 1/4" PER 10FT FOR MAIN PIPING AND 1/2" PER 10FT FOR BRANCHLINE PIPING.
- 4. SPRINKLER PROTECTION REQUIRED IN SKYLIGHT.
- SPRINKLER TYPES/FINISHES
- UPRIGHT 5.6K, BRASS (EXPOSED AREAS) CONCEALED 5.6K WHITE (EXISTING CEILING AREAS) SKYLIGHT - HIGH TEMP, EXTENDEND COVERAGE BRASS

PIPE ROUTING + ELEVATIONS THROUGHOUT THE EXISTING CEILING SPACES ARE APPROXIMATE AND BASED ON AVAILABLE AS-BUILT

999 Fourier Drive, Suite 201 Madison, WI 53717

608.826.0532 tel

Ken Saiki Design, Inc.

303 South Paterson Street, Suite 1 Madison, WI 53703

Civil Engineer

608.251.3600 tel

Structural Engineer, Technology and A/V

MSR 710 South 2nd Street, 8th Floor Minneapolis, Minnesota 55401–2282

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Landscape Architect

1800 Deming Way, Suite 200 Middleton, WI 53562

608.223.9600 tel

MEP Engineer MEP Associates, LLC

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575 Minnehaha Ave West St. Paul, MN 55103

651.251.1880 tel

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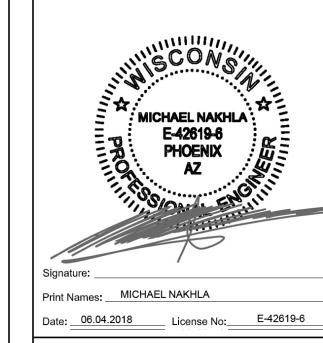
Rough Brothers, Inc.

5513 Vine Street Cincinnati, OH 45217

513.242.0310 tel

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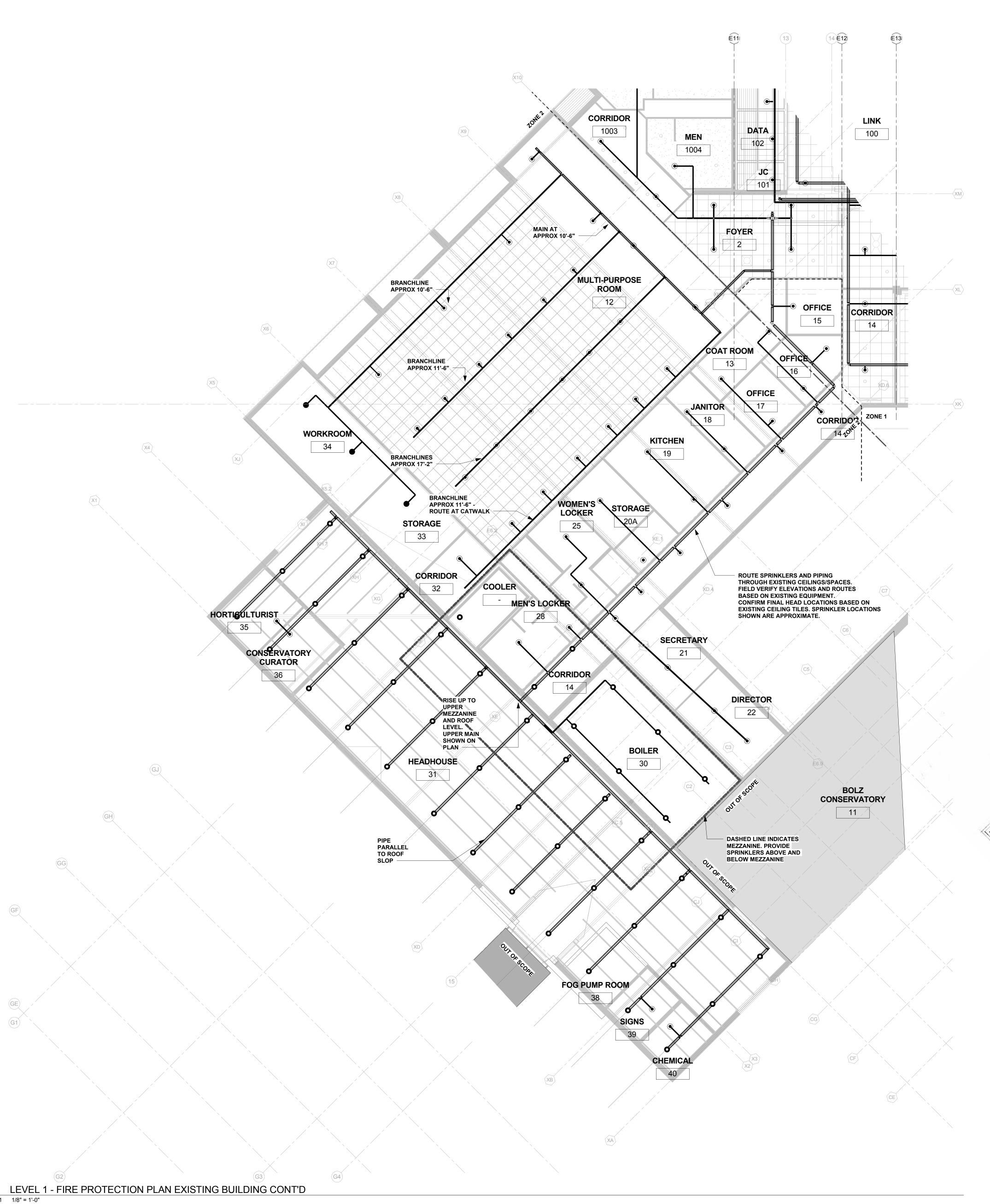
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**EXHIBIT M** F100

FIRE PROTECTION

LEVEL 1 - EXISTING

BUILDING



- PIPE ROUTING + ELEVATIONS THROUGHOUT THE EXISTING CEILING SPACES ARE APPROXIMATE AND BASED ON AVAILABLE AS-BUILT DOCUMENTATION. CONTRACTOR TO CONFIRM FINAL ROUTING + ELEVATIONS BASED ON SITE CONDITIONS AND EXISTING EQUIPMENT LOCATIONS ONCE CEILING TILE HAS BEEN REMOVED.
- HEADHOUSE AREA AND MEZZANINE TO BE CONSIDERED AS ORDINARY HAZARD GROUP II PER NFPA 13
- SPRINKLER TYPES/FINISHES

  A. UPRIGHT 5.6K, BRASS (EXPOSED AREAS)

  B. CONCEALED 5.6K WHITE (EXISTING DROP CEILING AREAS)

  C. EXTENDED COVERAGE CONCEALED MULTIPURPOSE

  ROOM EXISTING CEILING

TRANSLUGENT PANELS A STANDING SEAM MTL. ROOF ON DEAM & PURLIN STRUCTURE. LAMINATED WOOD BEAM GEILING BRANCHLINE **APPROX 17'2"** — APPROX 11'6" — -APPROX 11-6"----MULTI- PURIDED ROOM [12] 

2 MULTI PURPOSE ROOM F101 1/8" = 1'-0"



LEVEL 1 - AS-BUILT

MSR 710 South 2nd Street, 8th Floor Minneapolis, Minnesota 55401–2282

Architecture 612 375 0336 tel Interiors and 612 342 2216 fax Urban Design www.msrdesign.com

Civil Engineer Vierbicher Associates, Inc.

999 Fourier Drive, Suite 201 Madison, WI 53717

608.826.0532 tel

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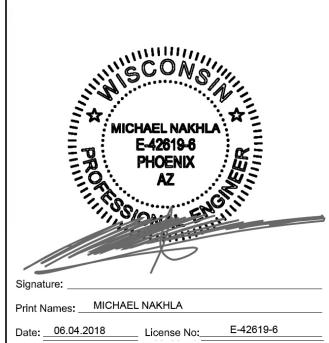
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Rough Brothers, Inc.

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513.242.0310 tel

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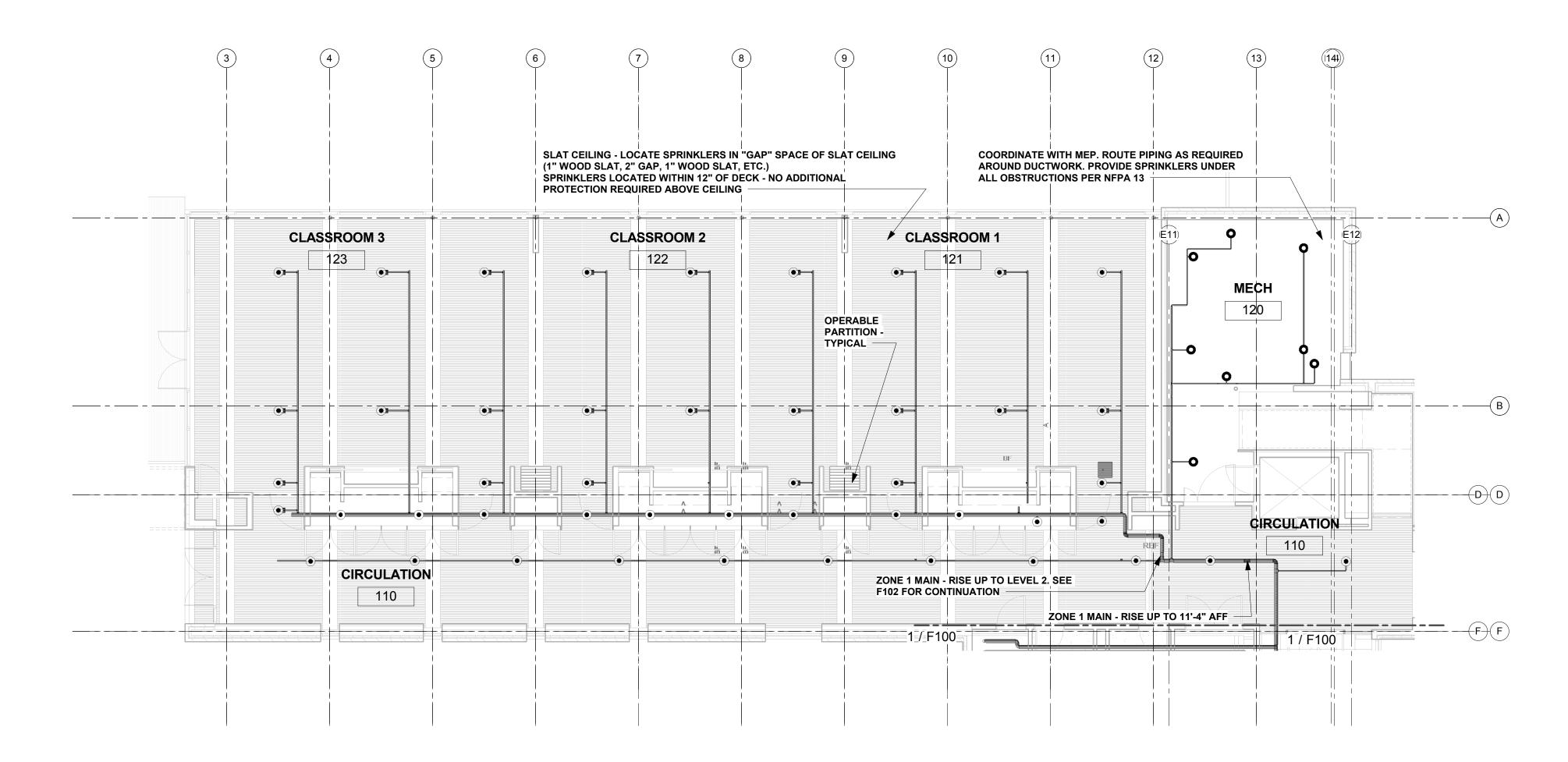
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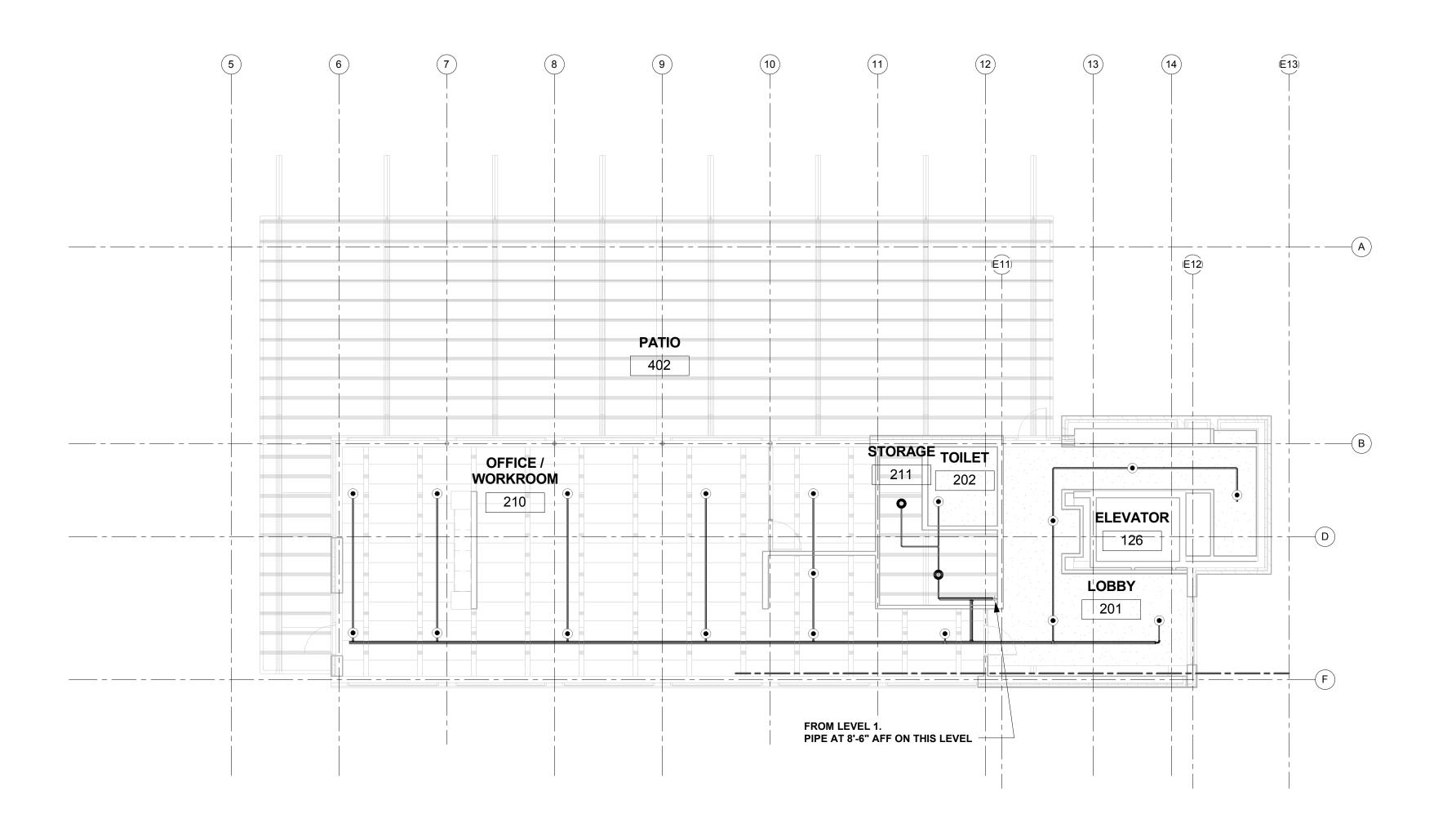
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FIRE PROTECTION PLAN EXISTING **BUILDING CONT'D** 

**EXHIBIT M** F101



LEVEL 1 - FIRE PROTECTION PLAN NEW ADDITION F102 1/8" = 1'-0"



2 LEVEL 2 - FIRE PROTECTION PLAN NEW ADDITION F102 1/8" = 1'-0"

- BELOW THE CEILING.
- SPRINKLER TYPES/FINISHES UPRIGHT - 5.6K, BRASS (EXPOSED AREAS)
  CONCEALED 5.6K WHITE (GYP CEILING AREAS) PENDENT 5.6K, BRASS (SLAT CEILING AREAS - LEVEL 1 CLASSROOMS)

CLASSROOM CEILINGS ARE WOOD SLAT INCLUDING A 1" WOOD SLAT, A 2" GAP, 1" SLAT, ETC. SPRINKLERS IN SLAT CEILINGS TO BE PENDENT AND LOCATED WITHIN THE CAP SPACES OF THE CEILING SYSTEM. COORDINATE WITH GENERAL CONTRACTOR AND FINAL CEILING INSTALLATION PLAN. SPRINKLER DEFLECTOR TO BE WITHIN 12" OF THE DECK TO AVOID SPRINKLERS ABOVE AND

Vierbicher Associates, Inc. 999 Fourier Drive, Suite 201 Madison, WI 53717 608.826.0532 tel Landscape Architect Ken Saiki Design, Inc. 303 South Paterson Street, Suite 1 Madison, WI 53703 608.251.3600 tel Structural Engineer, Technology and A/V IMEG Corp.

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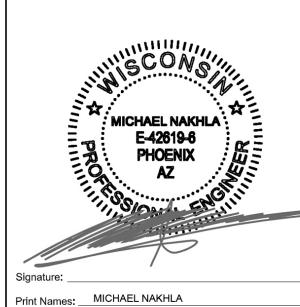
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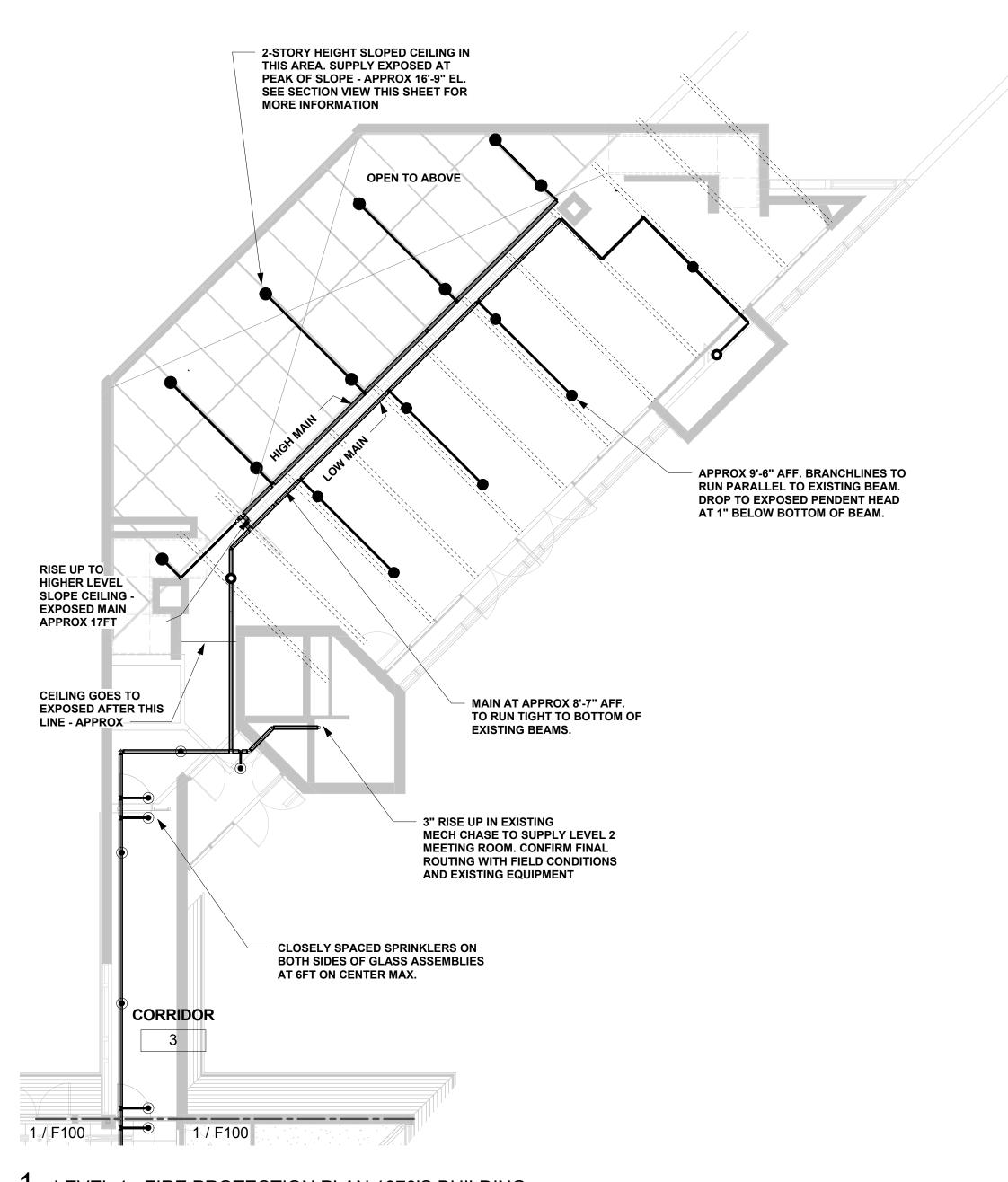
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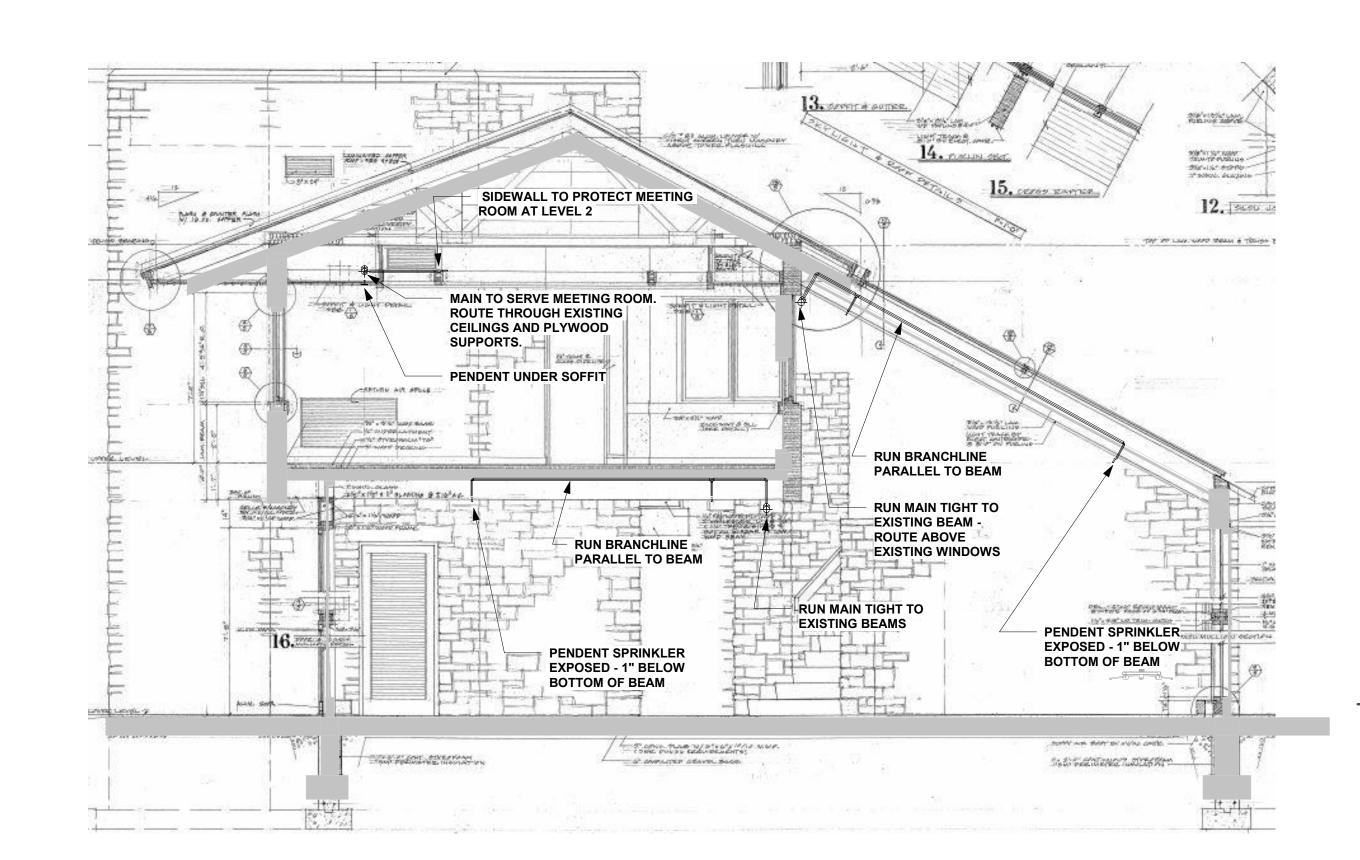
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FIRE PROTECTION -**NEW ADDITION** 

> EXHIBIT M F102

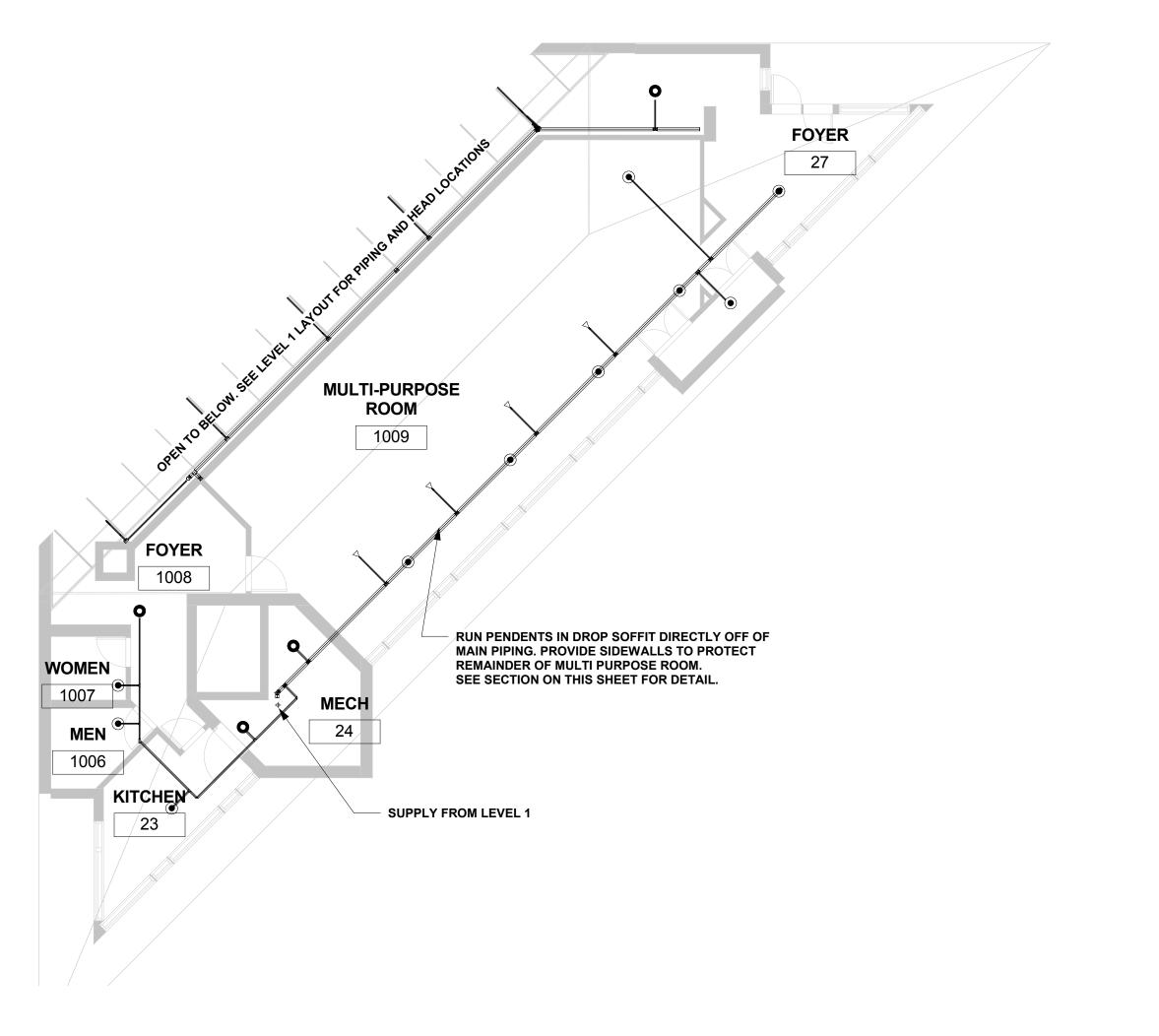


LEVEL 1 - FIRE PROTECTION PLAN 1970'S BUILDING

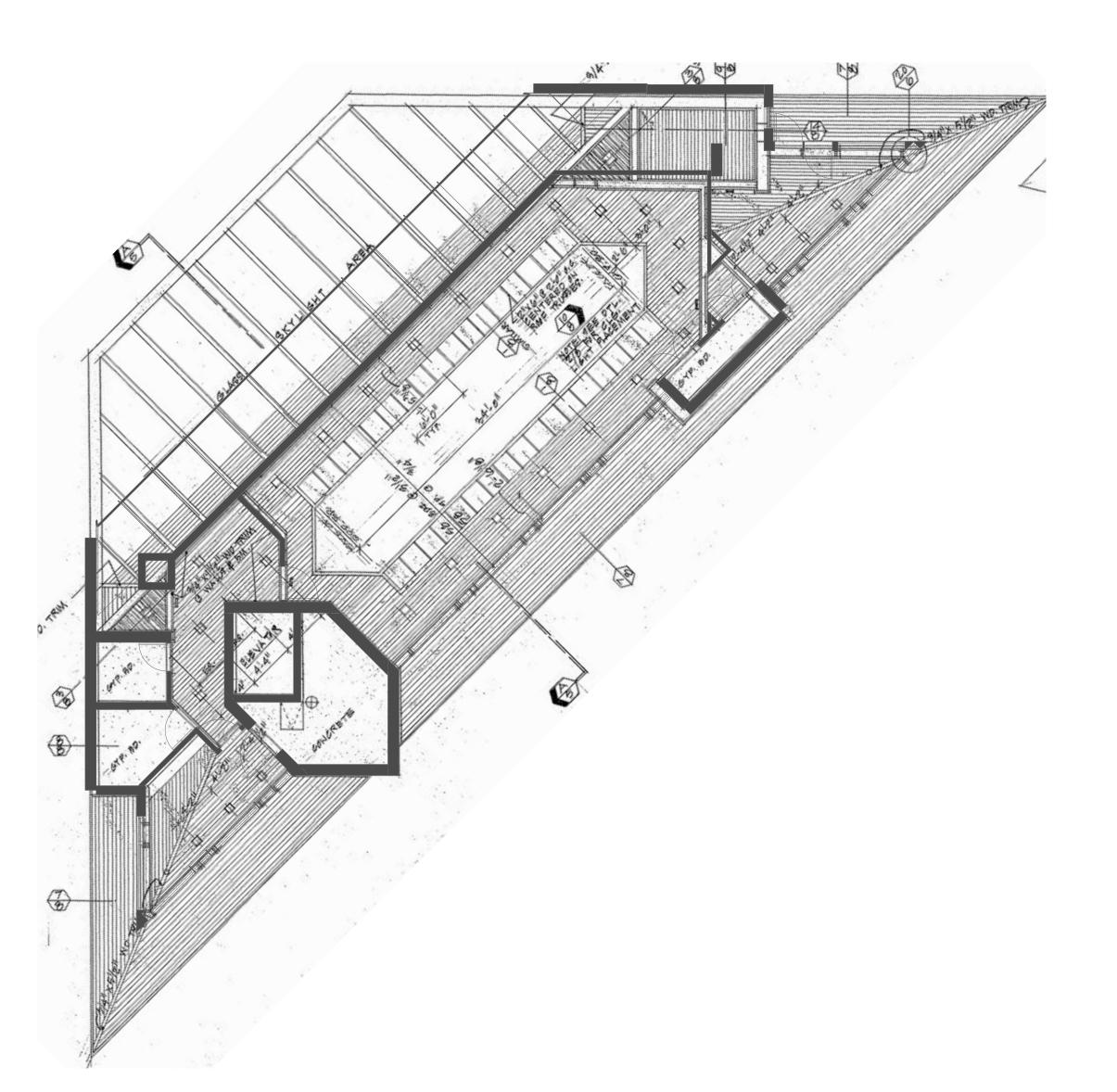


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- 2. COORDINATE WITH EXISTING MEP EQUIPMENT
- CONFIRM ANY NECESSARY AUXILIARY DRAINS BASED ON FINAL **ELEVATIONS**
- 4. LEVEL 1 AND SLOPED AREA INCLUDES OBSTRUCTED
- CONSTRUCTION
- 5. SPRINKLER TYPES/FINISHES A. PENDENT/UPRIGHT - 5.6K, BRASS (EXPOSED AREAS) CONCEALED 5.6K WHITE (EXISTING DROP CEILING AREAS)



2 LEVEL 2 - FIRE PROTECTION PLAN 1970'S BUILDING



LEVEL 2 - FIRE PROTECTION PLAN 1970'S BUILDING RCP AS BUILT



MEP Associates, LLC

860 Blue Gentian Road, Suite 175 Eagan, MN 55121 651.379.9120 tel

Fire Protection Engineer and Code Consultant Summit Fire Consulting

575 Minnehaha Ave West St. Paul, MN 55103

Greenhouse Design

651.251.1880 tel

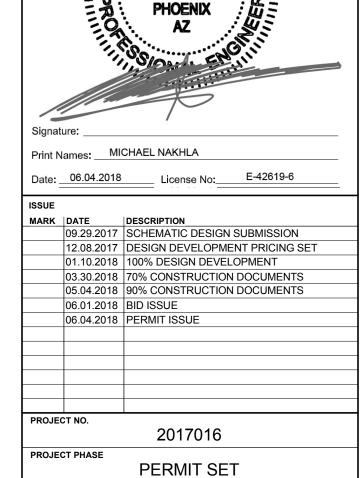
Rough Brothers, Inc.

5513 Vine Street Cincinnati, OH 45217

513.242.0310 tel

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FIRE PROTECTION 1970'S BUILDING

> EXHIBIT M F103

