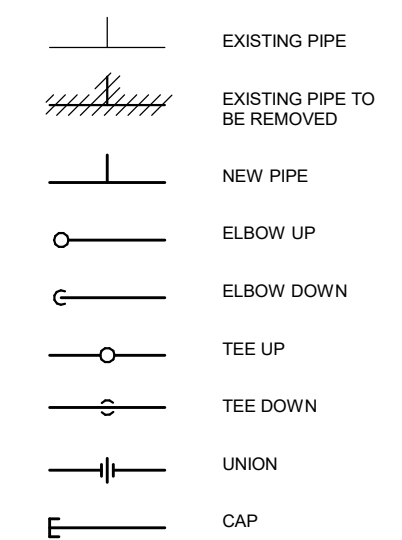
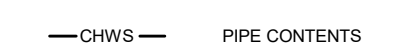


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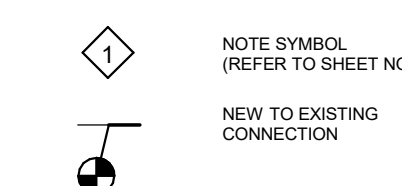
PIPE/FITTING SYMBOLS



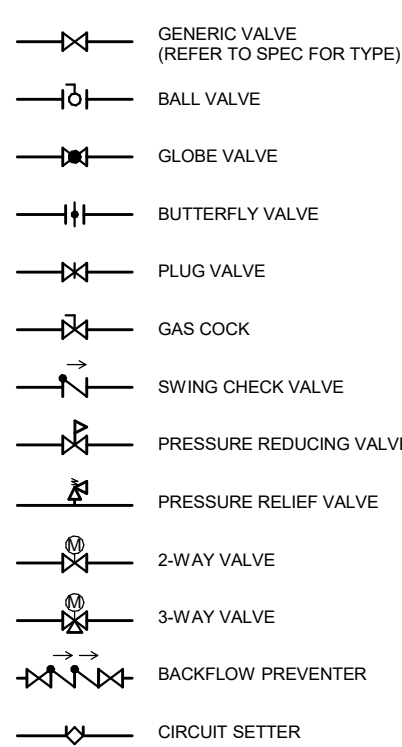
PIPING DESIGNATION



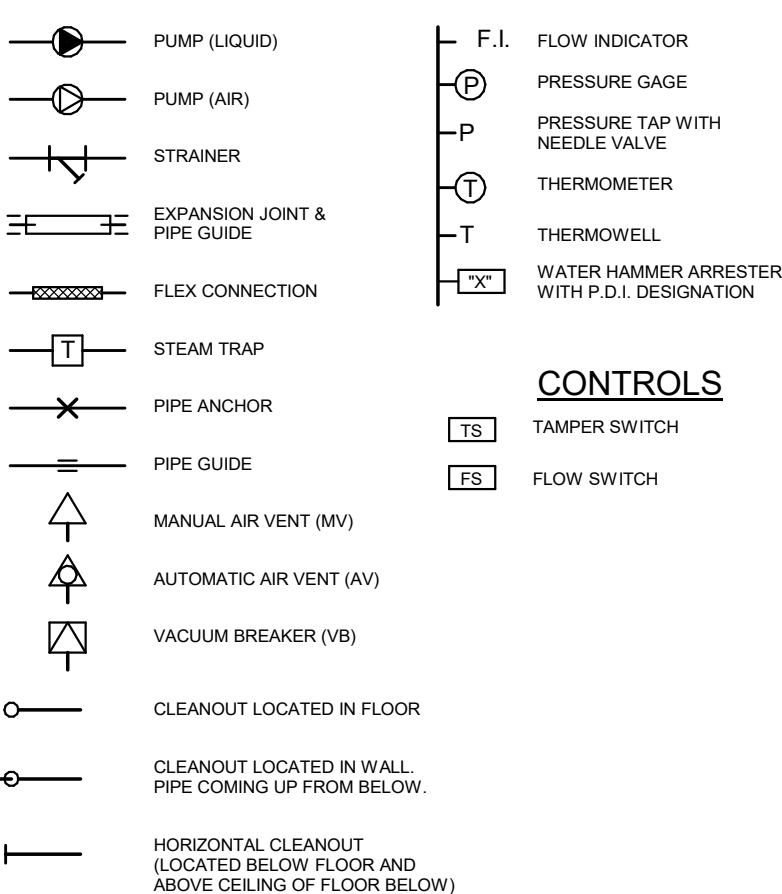
GENERAL DESIGNATION



VALVE SYMBOLS



MISC. PIPING SYMBOLS



GENERAL ABBREVIATIONS

|     |                       |     |                       |
|-----|-----------------------|-----|-----------------------|
| AFF | ABOVE FINISHED FLOOR  | MC  | MECHANICAL CONTRACTOR |
| AP  | ACCESS PANEL          | NC  | NOT IN CONTRACT       |
| CI  | CAST IRON             | RC  | RAIN CONDUCTOR        |
| CS  | CLINIC SINK           | RD  | ROOF DRAIN            |
| DF  | DRINKING FOUNTAIN     | S   | SINK                  |
| EH  | ELECTRICAL CONTRACTOR | SH  | SHOWER                |
| EM  | EMERGENCY SHOWER      | SS  | SERVICE SINK          |
| EW  | EYEWASH               | UR  | URINAL                |
| EWC | ELECTRIC WATER COOLER | VTR | VENT THRU ROOF        |
| FD  | FLOOR DRAIN           | WC  | WATER CLOSET          |
| FS  | FLOOR SINK            | WC  | WATER COLUMN          |
| GC  | GENERAL CONTRACTOR    | WH  | WALL HYDRANT          |
| HB  | HOSE BIBB             | WH  | WALL HYDRANT          |
| IE  | INVERT ELEVATION      | YA  | YARD HYDRANT          |
| LAV | LAVATORY              |     |                       |

PIPE CONTENTS ABBREVIATIONS

|      |                              |
|------|------------------------------|
| DCW  | DOMESTIC COLD WATER          |
| DHW  | DOMESTIC HOT WATER           |
| DHWR | DOMESTIC HOT WATER RETURN    |
| FP   | FIRE PROTECTION WATER SUPPLY |
| G    | GAS SUPPLY                   |
| MA   | MEDICAL AIR                  |
| MV   | MEDICAL VACUUM               |
| OXY  | OXYGEN                       |
| SAN  | SANITARY                     |
| STM  | STORM SEWER                  |
| V    | SANITARY VENT                |

GENERAL NOTES

FIRE PROTECTION DRAWING NOTES

- PIPE SIZES INDICATED ARE ONLY MINIMUMS. CONTRACTOR IS RESPONSIBLE FOR SYSTEM DESIGN CALCULATIONS AND FINAL PIPE SIZES, AND FOR COMPLIANCE WITH ALL STATE AND LOCAL CODES.
- REFER TO REFLECTED CEILING PLANS FOR SPRINKLER HEAD LOCATIONS. COORDINATE DIFFUSERS AND GRILLES WITH LIGHT FIXTURES.
- REMOVE AND REPLACE CEILING GRID AND TILES AS REQUIRED TO ACCESS THE WORK. REPLACE DAMAGED GRID AND TILES TO MATCH EXISTING.
- PROVIDE FIRESTOP IN NEW AND EXISTING HOLES AND PENETRATIONS IN RATED WALLS.
- PIPE ROUTING AS INDICATED IS SCHEMATIC IN CONCEPT. COORDINATE FINAL ROUTING WITH OTHER TRADES BEFORE PROCEEDING. DUCTWORK AND STORM, SANITARY AND VENT PIPING LOCATION TAKE PRECEDENCE OVER FIRE PROTECTION PIPING.
- PROVIDE SPRINKLE AS REQUIRED BY NFPA ABOVE CEILING AREAS OF WOOD CONSTRUCTION, OTHER COMBUSTIBLES AREAS, AND WARDROBE LOCKERS.
- PROVIDE A (WET) PIPE SPRINKLER SYSTEM TO COVER THE ENTIRE BUILDING. SPRINKLE FOR A LIGHT HAZARD OCCUPANCY AT A DENSITY OF 0.10 GPM/SQ FT OVER THE MOST REMOTE 1500 SQ FT AND ORDINARY HAZARD OCCUPANCY AT A DENSITY OF 0.15 GPM/SQ FT OVER THE MOST REMOTE 1500 SQ FT AS REQUIRED BY NFPA 13.
- CITY WATER FLOW TEST RESULTS ON MARCH 2 2026, RESIDUAL HYDRANT ON BELLEVILLE RD AND FLOW HYDRANT ON QUIRK RD INDICATED 64 PSI STATIC, 62 PSI RESIDUAL WITH 679 GPM FLOW.
- CORE DRILL OPENINGS IN WALLS AND SLABS AS REQUIRED FOR NEW PIPING. COORDINATE LOCATION OF REINFORCING STEEL TO AVOID DAMAGE.
- PROVIDE ADEQUATE ACCESS TO VALVES AND SPRINKLER HEADS. COORDINATE REQUIREMENTS.
- PROVIDE ALL WORK NECESSARY TO ENSURE THAT NO PIPING OR SPRINKLER HEADS WILL FREEZE. USE DRY PENDENT TYPE HEADS, WARM AIR VENTILATION PATHWAYS, OR OTHER APPROVED MEANS TO ACHIEVE A FREEZE-PROOF INSTALLATION.
- MINIMIZE SYSTEM SERVICE INTERRUPTION AND COORDINATE WITH OWNER WHERE NEW CONNECTIONS TO EXISTING PIPE ARE INDICATED. TIE-IN METHODS TO INCLUDE HOT TAP AS REQUIRED.
- VALVE INDICATIONS ARE GENERIC. REFER TO SPECIFICATION FOR ACCEPTABLE VALVE TYPES PER APPLICATION.
- PRIOR TO MAKING CONNECTIONS TO EXISTING PIPING FOR REUSE, CONFIRM THAT EXISTING PIPING BEING TIED INTO IS ACTIVE FOR REUSE.

REVISIONS

|            |                    |
|------------|--------------------|
| 10/12/2026 | BIDS & PERMIT      |
| 09/21/2026 | CD PEER REVIEW     |
| 09/09/2026 | CD TEAM REVIEW     |
| 08/10/2026 | CD 50% PROGRESS    |
| 08/22/2026 | DD OWNER REVIEW    |
| 06/15/2026 | DD PEER REVIEW     |
| 06/08/2026 | DD 80 % PROGRESS   |
| 05/18/2026 | DD 50 % PROGRESS   |
| 02/23/2026 | SD OWNER REVIEW    |
| 02/13/2026 | SD PEER REVIEW     |
| 02/09/2026 | SD PROGRESS REVIEW |

|          |              |
|----------|--------------|
| Drawn By | JBFTZSIMMONS |
| Designer | JBFTZSIMMONS |
| Reviewer | GLLOUIS      |
| Manager  | CKRETOVIC    |

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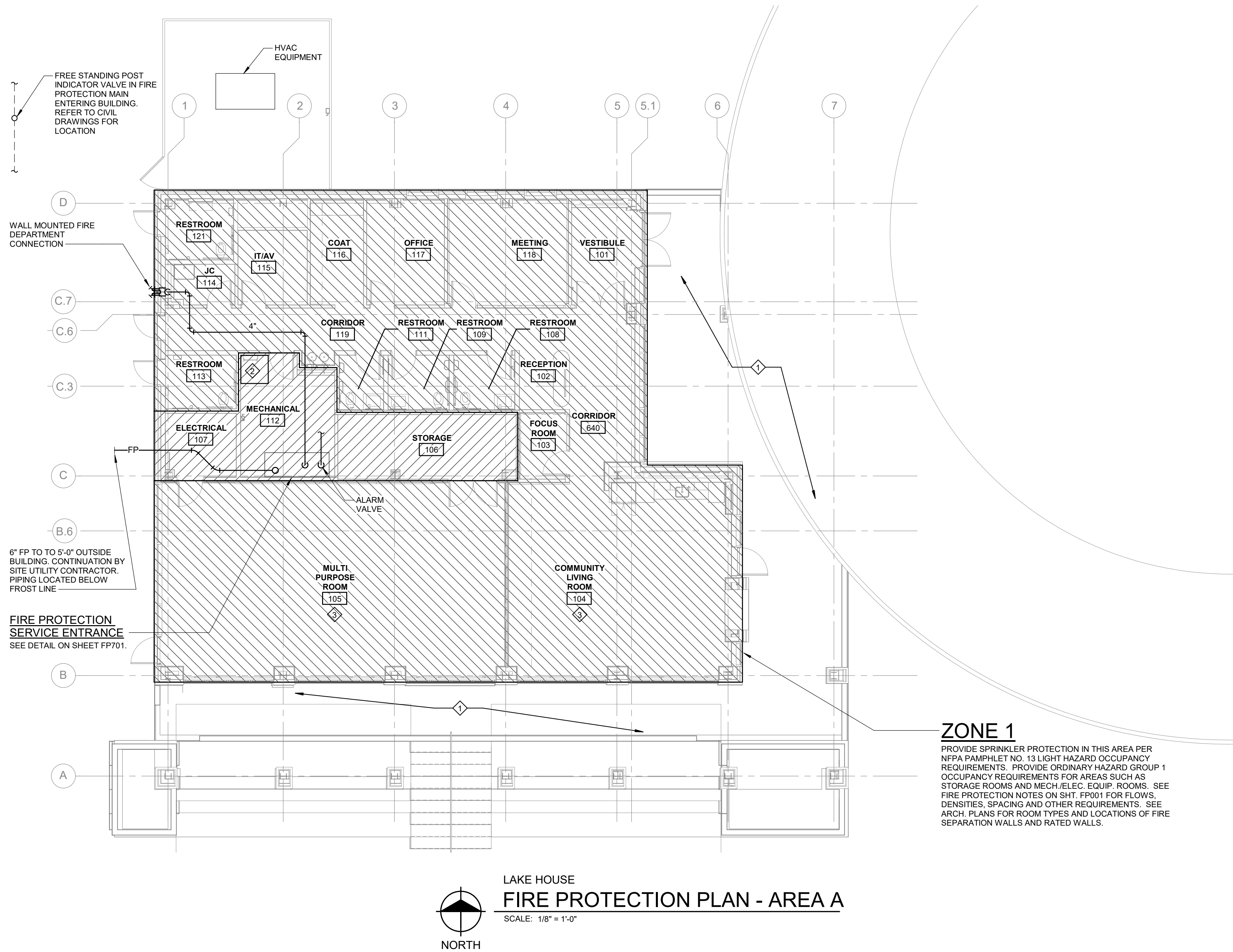
PROJECT NO.

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SHEET NO.

FP001

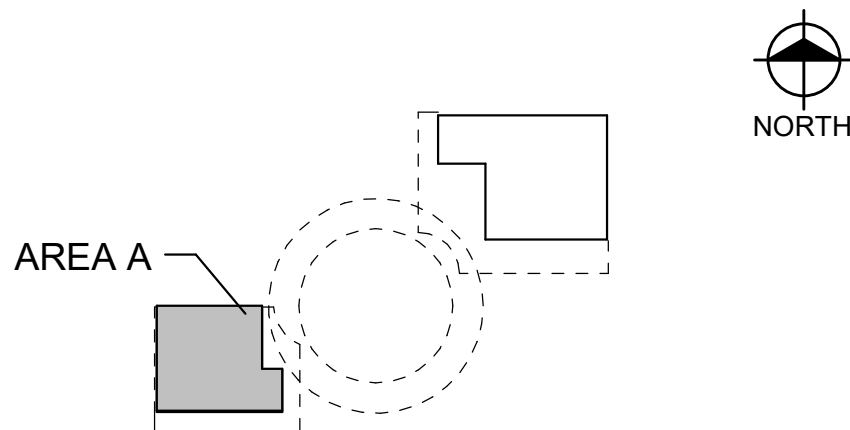
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#### KEY NOTES

1. ROOF OVERHANG TO BE CONSTRUCTED OF NONCOMBUSTIBLE MATERIALS. SPRINKLERS MAY BE OMITTED FROM AREA PER NFPA 13 CHAPTER 9.2.3.1.
2. NO PIPING TO BE INSTALLED IN THIS AREA. MAINTAIN CLEARANCE FOR LADDER ACCESS TO ROOF HATCH.
3. PROVIDE CUSTOM COLOR SPRINKLER COVERS IN THIS ROOM. REFER TO SPRINKLER SCHEDULE. CONFIRM COLOR WITH ARCHITECTURAL DRAWINGS.

#### KEY PLAN



## Van Buren Charter Township

Van Buren Township, MI

The Lakeside Park

| REVISIONS  |                    |
|------------|--------------------|
| 10/12/2026 | BIDS & PERMIT      |
| 09/21/2026 | CD PEER REVIEW     |
| 09/09/2026 | CD TEAM REVIEW     |
| 08/10/2026 | CD 50% PROGRESS    |
| 08/22/2026 | DD OWNER REVIEW    |
| 06/15/2026 | DD PEER REVIEW     |
| 06/08/2026 | DD 90 % PROGRESS   |
| 05/18/2026 | DD 90 % PROGRESS   |
| 02/23/2026 | SD OWNER REVIEW    |
| 02/13/2026 | SD PEER REVIEW     |
| 02/09/2026 | SD PROGRESS REVIEW |

|          |                |
|----------|----------------|
| Drawn By | JB FITZSIMMONS |
| Designer | JB FITZSIMMONS |
| Reviewer | GLOUIS         |
| Manager  | CKRETOVIC      |

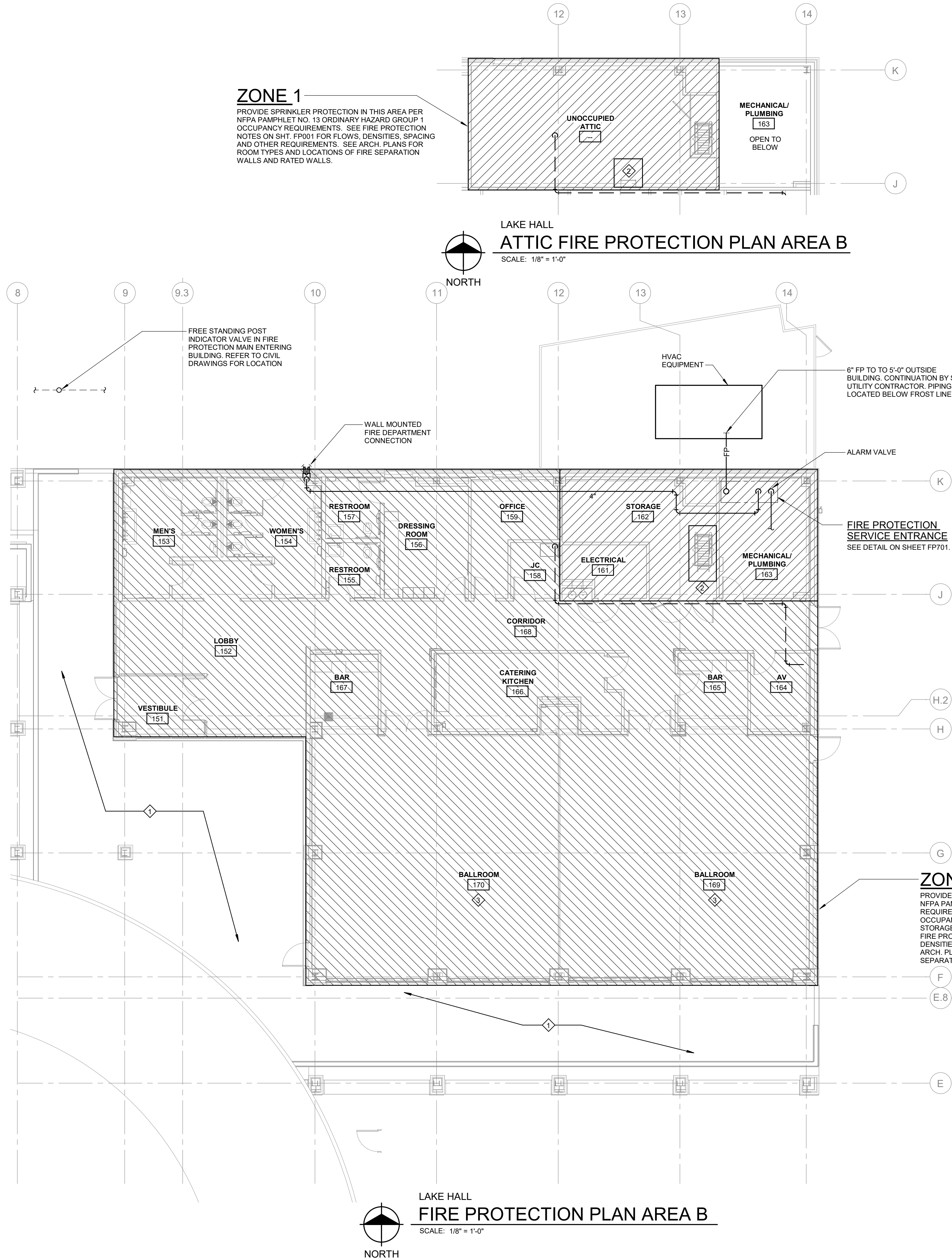
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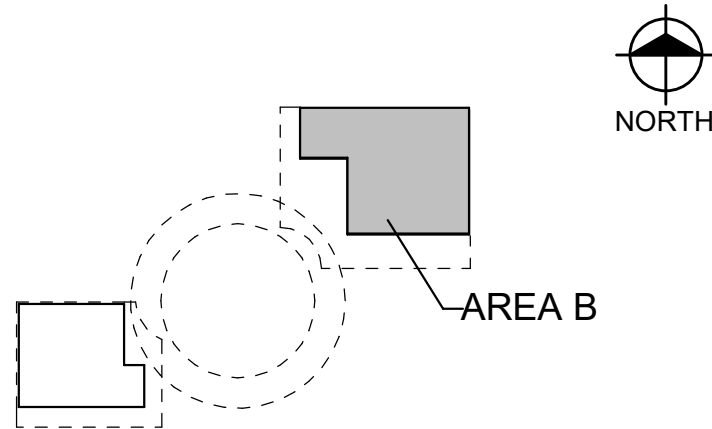
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KEY PLAN



Van Buren Charter Township

Van Buren Township, MI

The Lakeside Park

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