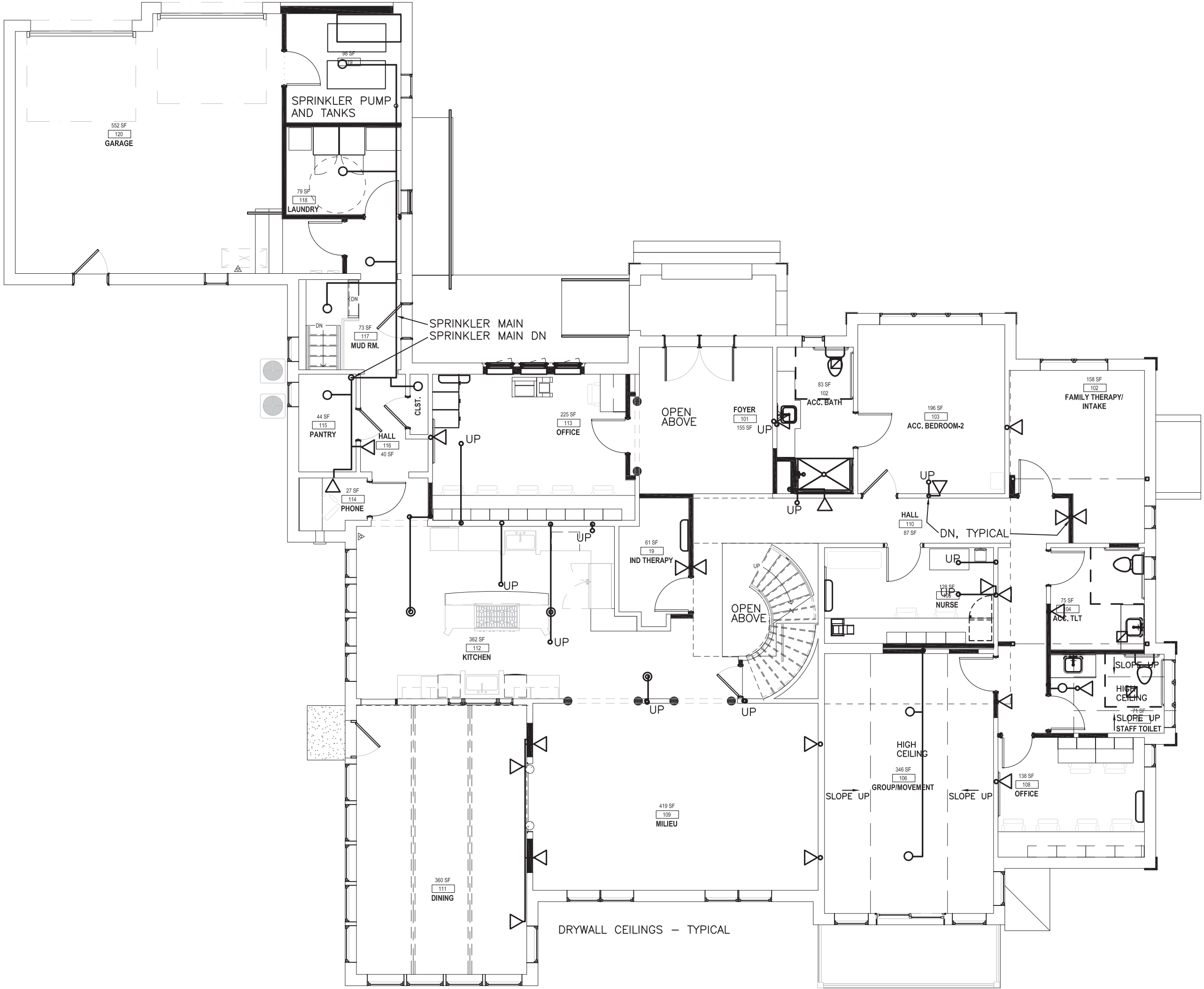


SECOND FLOOR PLAN — REMOVALS
1/8" = 1'-0"



FIRST FLOOR PLAN — REMOVALS
1/8" = 1'-0"

FIRE PROTECTION SPRINKLER

GROUP R-4 CONDITION 1
NFPA 13D — 2016
NFPA 101 CHAPTER 32

ADDITIONAL REQUIREMENTS:
PROVIDE SPRINKLERS IN (ALL SIZES) ALL CLOSETS, STORAGE ROOMS, BATHROOMS, TOILET ROOMS.
PROVIDE SPRINKLERS IN THE GARAGE.
PROVIDE SPRINKLERS IN COVERED PORCHES.
COMPLY WITH THE PROVISIONS OF NFPA 101 CHAPTER 32.

PROVIDE AUTOMATIC TANK AND PUMP SYSTEM.
WATER STORAGE TO BE SIZED FOR 30 MINUTE FLOW (NFPA 101).
PROVIDE SPRINKLERS AS TO LIMIT COVERAGE TO REDUCE THE STORAGE REQUIREMENTS.

BID DRAWING IS INTENDED TO SHOW THE GENERAL SCOPE OF WORK AND GENERAL AESTHETIC REQUIREMENTS.

THE CONTRACTOR SHALL PROVIDE A COMPLETE WORKING SYSTEM. THE CONTRACTOR SHALL BASE PIPE SIZES ON THE CONTRACTOR HYDRAULIC CALCULATIONS. THE CONTRACTOR SHALL BASE SPRINKLER LAYOUT ON THE EXISTING CONDITIONS, AND THE ARCHITECTURAL AND STRUCTURAL BUILDING PLANS AND DETAILS. PROVIDE COMPLETE SYSTEMS PER NFPA 13D AND AS REQUIRED BY THE BUILDING CODE OF NEW YORK STATE.

1. PROVIDE COMPLETE HYDRAULICALLY DESIGNED SYSTEM INCLUDING ALL ACCESSORIES REQUIRED BY NFPA 13D.
2. COORDINATE WITH OTHER TRADES. PROVIDE PIPING AND SPRINKLERS TO AVOID BUILDING COMPONENTS. PROVIDE ADDITIONAL SPRINKLERS TO COVER AROUND OBSTRUCTIONS. REFER TO ALL THE BUILDING DRAWINGS.
3. THE CONTRACTOR SHALL PROVIDE ALL INFORMATION REQUIRED FOR THE PERMIT AND AS REQUESTED BY THE AHJ. CERTIFICATION OF THE SHOP DRAWINGS AS REQUIRED BY THE AHJ SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. PIPING SIZE TO BE 1" MINIMUM. PROVIDE 1" CONNECTIONS TO SPRINKLER HEADS (UNLESS OTHERWISE NOTED) INCLUDING SPRINKLER HEADS UNDER OBSTRUCTIONS.
5. ALL COMPONENTS SHALL BE LISTED.
6. PROVIDE FLOW SWITCHES. PROVIDE TAMPER SWITCH ON ALL VALVES. PROVIDE EXTERIOR SPRINKLER ALARM.
7. UNLESS OTHERWISE NOTED INSTALL PIPING IN THE BASEMENT. FOR THE FIRST FLOOR AND SECOND FLOOR GENERALLY PROVIDE PIPING UP WALLS TO SIDEWALL SPRINKLERS. COORDINATE WITH THE BUILDING CONSTRUCTION AND OTHER TRADES. CONCEAL PIPING WHERE POSSIBLE.
8. PROVIDE INSPECTORS TEST VALVE. PROVIDE TEST WITH RETURN TO THE TANK.
9. PROVIDE SPARE SPRINKLERS WITH WALL MOUNTED CABINET LOCATED AT THE RISER.
10. PROVIDE LISTED RESIDENTIAL SPRINKLERS. QUICK RESPONSE SPRINKLERS MAY BE USED IN LOCATIONS PER NFPA 13D.

AUTOMATIC TANK AND PUMP SYSTEM

SIZE PUMP AND TANK AS REQUIRED BY THE CALCULATED SYSTEM DEMAND.

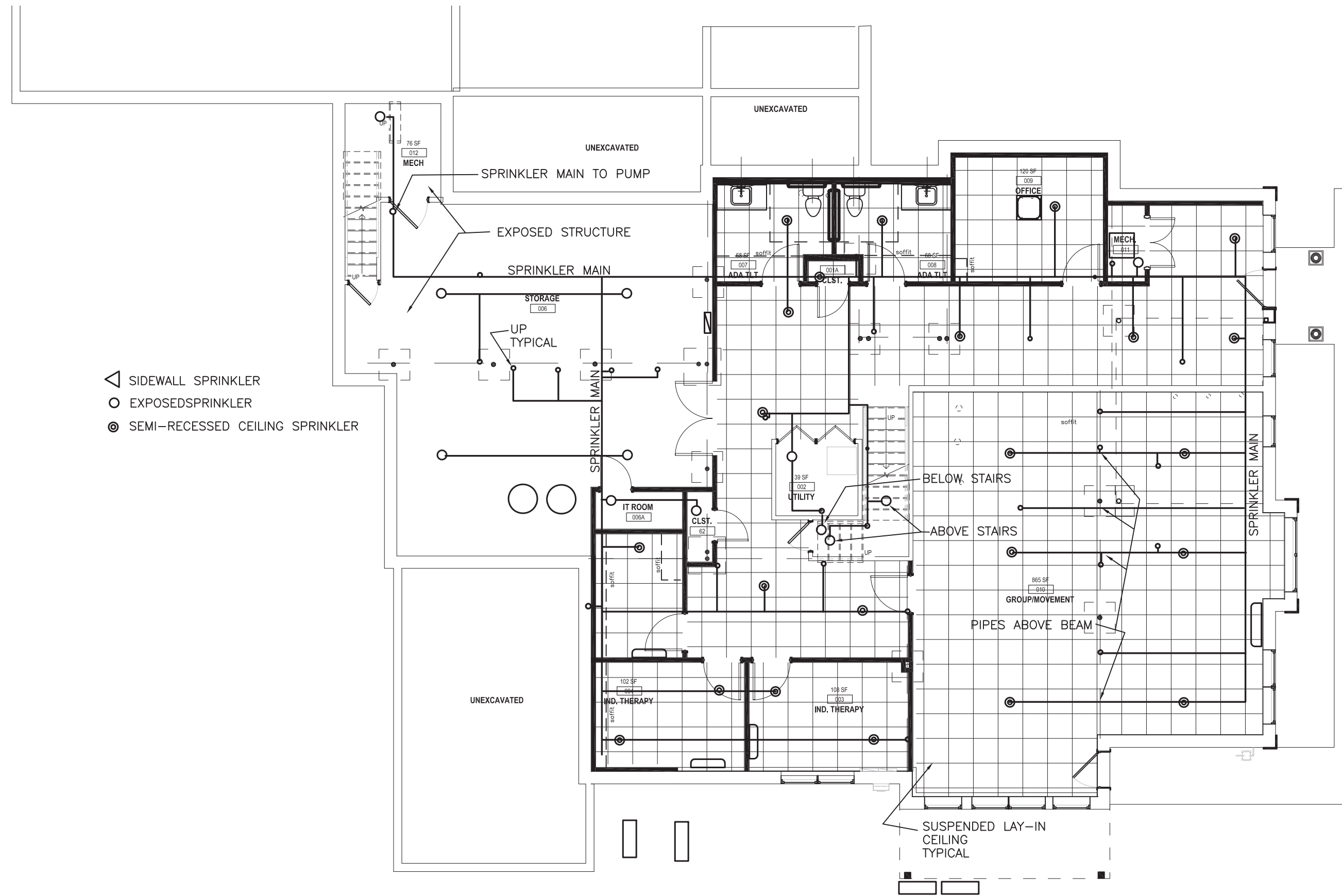
GENERAL AIR PRODUCTS OR EQUAL.

PUMP
230V-1PH
STAINLESS STEEL PUMP.
PROVIDE AUTOMATIC CONTROL PANEL.
PROVIDE CONTACTS FOR POWER LOSS AND PUMP RUN.

TANK
VERTICAL TANK. PROVIDE MULTIPLE TANKS IF REQUIRED.
PROVIDE AUTOMATIC FILL VALVE.
OVERFLOW DRAIN.

PROJECT NOTES

- A. THERE IS EXISTING CORNICE TRIM THROUGH THE FIRST FLOOR AND THE SECOND FLOOR. COORDINATE SIDEWALL SPRINKLERS WITH IT.



LOWER LEVEL PLAN — REMOVALS
1/8" = 1'-0"

> design team

> interior design:



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> project



revision schedule		
no.	description	date

> drawing information

project #: 22-027
date: 06.28.2022
drawn by: CWI
checked by: CGW
scale: sheet scale 1 inch = 1'-0"

> sheet name

FIRE PROTECTION
SPRINKLER

F101
sheet number