

GENERAL NOTES

- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE. THE MECHANICAL CONTRACTOR SHALL INCLUDE ALL NEEDED OFFSETS, CHANGES IN DIRECTION, TRANSITIONS, ETC. NEEDED FOR COMPLETE AND OPERATIONAL SYSTEMS.
- THE CONTRACTOR WILL VISIT THE SITE AND BE FAMILIAR WITH SITE CONDITIONS. NO EQUIPMENT OR MATERIAL IS TO BE ORDERED OR FABRICATED PRIOR TO FIELD VERIFICATION OF ALL MEASUREMENTS, CLEARANCES, POTENTIAL CONFLICTS WITH EXISTING CONDITIONS OR THAT OF OTHER TRADES ON THE JOB.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE N.J. UNIFORM CONSTRUCTION CODE & ITS SUB-CODES; INCLUDING BUT NOT LIMITED TO THE 2020 NATIONAL ELECTRIC CODE, THE 2021 INTERNATIONAL MECHANICAL CODE, 2021 INTERNATIONAL ENERGY CONSERVATION CODE, AND 2021 NATIONAL STANDARD PLUMBING CODE, (LATEST EDITIONS ADOPTED BY THE NUJCC), AND THE REQUIREMENTS OF THE LOCAL AUTHORITIES.
- QUESTIONS REGARDING THESE DRAWINGS SHALL BE ADDRESSED TO THE ENGINEER PRIOR TO THE AWARDED OF THE CONTRACT. OTHERWISE THE ENGINEER'S INTERPRETATION OF THE MEANING AND INTENT OF THE DRAWINGS SHALL BE FINAL.
- THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE ELECTRONIC SUBMITTALS TO THE ENGINEER ON ALL MAJOR SPRINKLER EQUIPMENT (DETECTOR CHECKS, BACKFLOW PREVENTOR, VALVES, ETC.), SPRINKLER SHOP DRAWINGS W/ HYDRAULIC CALCULATIONS, & TERMINAL DEVICES (SPRINKLERS HEADS, ETC.) FOR REVIEW PRIOR TO PURCHASE.
- IF CONFLICTS EXIST, PRIORITY OF LOCATION IN REFLECTED CEILING GRID SHALL BE AS FOLLOWS FROM HIGH TO LOW: LIGHTS, SPRINKLER, MECHANICAL, FIRE ALARM DEVICES.
- PROVIDE ACCESS PANELS FOR ANY DEVICES NEEDING SERVICE OR ADJUSTMENT THAT IS NOT READILY ACCESSIBLE OTHERWISE. ACCESS PANELS SHALL MAINTAIN FIRE, SMOKE, ETC. RATINGS OF ASSEMBLIES WHERE APPLICABLE.

SPRINKLER DESIGN NOTES

THIS BUILDING IS TO BE FULLY SPRINKLED. THE CONTRACTOR IS TO DESIGN AND INSTALL THE FIRE PROTECTION SYSTEM IN STRICT ACCORDANCE WITH NFPA PAMPHLET NUMBER 13, AND APPLICABLE LOCAL AND STATE CODES.

THE SPRINKLER SYSTEM SHALL CONFORM TO THE REGULATIONS AND REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTIONS AND OWNER'S INSURANCE CARRIER.

SPRINKLER AND STANDPIPE SUBMITTALS FOR REVIEW AND APPROVAL SHALL INCLUDE THE FOLLOWING:

A) A RECENT (WITHIN LAST SIX MONTHS) CERTIFIED WATER SUPPLY TEST. (TEST TO INCLUDE):

- DATE, TIME AND PERSONS PERFORMING TEST.
- SITE PLAN DRAWING SHOWING LOCATION WHERE TEST WAS CONDUCTED AND PROXIMITY TO STRUCTURE (INCLUDE DIMENSIONS)
- STATIC AND RESIDUAL PRESSURES (IN PSI).
- FLOW IN GPM.

B) DESIGN CRITERIA FOR SYSTEM.

C) HYDRAULIC CALCULATION PACKAGE SHALL INCLUDE:

- COVER SHEET
- DATA SHEET
- GRAPH
- CORRESPONDING NODES TO DRAWINGS.

D) DRAWINGS (FLOOR PLANS AND RISER):

- IDENTIFY ALL ROOMS AND SPACES.
- SHOW ALL PIPING AND ITS SIZES.
- SHOW ALL HEAD LOCATIONS (AND IDENTIFY TYPE OF HEAD).
- SHOW MOST REMOTE AREAS.
- SHOW ALL HYDRAULIC REFERENCE POINTS (NODES).
- SHOW ALL VALVING.
- SHOW METHOD OF PIPE BRACING (SEISMIC IF REQUIRED).
- SHOW THRUST BLOCKING AND PRIVATE HYDRANTS (IF REQUIRED).
- SHOW ALL ALARMS AND DEVICES.

DESIGN CRITERIA

FIRE PROTECTION AREA TYPES:

- LIGHT HAZARD
- ORDINARY HAZARD-I
- ORDINARY HAZARD-II

DRAWING KEY NOTES

① ORDINARY HAZARD: PROVIDE INSTITUTIONAL SPRINKLER HEADS IN HOLDING CELLS

CODE REVIEW:

CERTIFICATE:



SPIEZE ARCHITECTURAL GROUP INC.
121 MARKET STREET
CAMDEN, NJ 08102
PHONE: (856) 974 7666

SIGNATURE:
THOMAS S. PERRINO 21A01925400
SCOTT E. DONNE 21A01974400
STEVEN L. IONE 21A0177000
STEVEN G. SEIGEL 21A01944000
ANGILO ALBERTO 21A01940000
JOHN F. WRIGHT 21A01784000
SPIEZE ARCHITECTURAL GROUP, INC. 21A020053000

SEAL:

BID SET - 06/25/2024

PROJECT:
HADDONFIELD POLICE STATION
1 WALNUT STREET, HADDONFIELD, NJ 08033
FOR
CAMDEN COUNTY IMPROVEMENT AUTHORITY
520 MARKET STREET, 6TH FLOOR, CAMDEN, NEW JERSEY 08102

FOR CODE REVIEW: 02/23/24

REVISIONS:

REVISION	REVISION NAME	DATE
1		

FOR BID: 06/25/2024

DRAWING TITLE:
FIRE PROTECTION FIRST FLOOR PLANS

COMMISSION NUMBER:
23M014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:
FP1.0

PETER M. HONEYFORD
PROFESSIONAL ENGINEER
NJ LICENSE NUMBER 33443
EXP: 04/30/2026

NJ COA NUMBER 24GA27940200

PMH ASSOCIATES, INC.
MECHANICAL, ELECTRICAL & FIRE PROTECTION ENGINEERING
1217 N CHURCH ST. STE B MOORESTOWN, NJ 08057
(856) 273-0554 • FAX: (856) 273-7701 • PMH@PMH-ASSOCIATES.COM

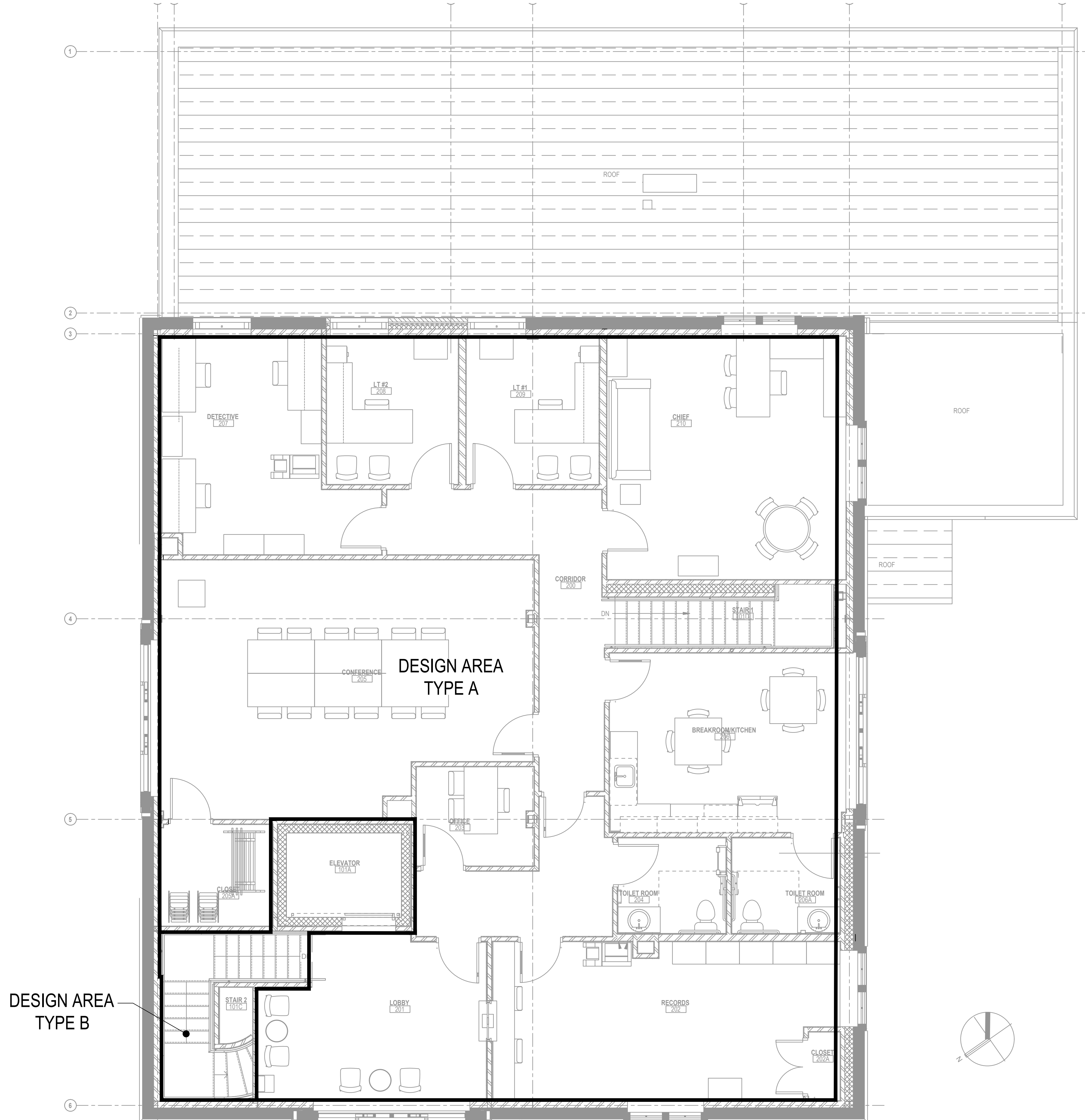
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1 FIRE PROTECTION FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"

1 1/2"=1'-0"
1 1/2"=1'-0"
3/4"=1'-0"
1/2"=1'-0"
1/4"=1'-0"
1/4"=1'-0"
1/8"=1'-0"
1/8"=1'-0"

THIS DRAWING IS FORMATTED TO BE PRINTED AT 24"x36"

1 1/2"=1'-0"
 1"=1'-0"
 3/4"=1'-0"
 1/2"=1'-0"
 1/4"=1'-0"
 1/8"=1'-0"
 1/16"=1'-0"



1 FIRE PROTECTION SECOND FLOOR PLAN
 SCALE: 1/4"=1'-0"

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 PROFESSIONAL ENGINEER
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spiezie

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A	

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DRAWING TITLE:

FIRE PROTECTION SECOND FLOOR PLANS

COMMISSION NUMBER:
23M014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:
FP1.1

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