

## **ADDENDUM TWO**

Project No.: RLJA PROJECT #: 22-053

WC IFB #: 23B-2285

Date: May 4, 2023

Subject: CHANGES to the BIDDING DOCUMENTS

Project: REBID - HVAC REPLACEMENT PROJECT AT

WINNEBAGO COUNTY JUVENILE DETENTION CENTER

**ROCKFORD, ILLINOIS** 

Bids Due: 11:00AM, THURSDAY, MAY 11, 2023

From: ARCHITECT: RICHARD L. JOHNSON ASSOCIATES, INC.

4703 CHARLES STREET ROCKFORD, IL 61108

To: ALL PROJECT DOCUMENT HOLDERS

Please reproduce this Addendum as needed, and attach to the Project Manuals for the above project.

Bidders shall indicate receipt of this and all Addenda in the space provided on the Bid Form. Failure to do so may be sufficient cause to reject the bid.

Sincerely

RICHAR L. JOHNSON ASSOCIATES, INC.

Scott R. Johnson, AIA, LEED AP

This Addendum consists of:

Pages 1 thru 2.

Revised 30" x 42" Drawings E101 and E102

Added 30" x 42" Drawings FP101

**NOTE:** Wherein this Addendum conflicts with the original Project Manual and Drawings, this Addendum shall govern.

## **CHANGES to the DRAWINGS**

### 1. DRAWING FP101

**1.1.** Added sheet FP101 showing fire protection scope for the project.

#### 2. **DRAWINGS E101 & E102**

**2.1.** Added additional ceiling mounted devices required for removal (PXN) and reinstallation (PN) for new ceiling work.

### **END ADDENDUM NUMBER 2**

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SECTION 230010 - BASIC MECHANICAL REQUIREMENTS ALSO APPLIES TO THIS SECTION.

SYSTEM PROVIDED SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO:

A. CONDITIONS, SYSTEMS B. SHOP DRAWINGS, QUALIFICATIONS.

C. FIRE PROTECTION SYSTEM, SYSTEM PIPING, SYSTEM INSTALLATION, TESTING, FLUSHING AND CLEANING,

COMPLETION AND CERTIFICATION. SHOP DRAWINGS

> FIRE PROTECTION CONTRACTOR SHALL SUBMIT TO THE ARCHITECT FOR APPROVAL, BEFORE CONSTRUCTION IS STARTED, SHOP DRAWINGS FOR DEVICES, MATERIAL, ACCESSORIES, ETC. FOR RESPECTIVE INSTALLATION. SUBMITTALS SHALL BE IN ACCORDANCE WITH DIVISION 1 REQUIREMENTS. SHOP DRAWINGS SHALL BE SUBMITTED IN THE FOLLOWING ORDER: 1) SPRINKLER LOCATIONS AND SYSTEM COMPONENTS, 2) FOLLOWING ACCEPTANCE OF ABOVE PIPING LAYOUT DRAWINGS AND HYDRAULIC CALCULATIONS, 3) FOLLOWING ACCEPTANCE OF SPRINKLER DRAWINGS AND CALCULATIONS BY ARCHITECT/ENGINEER, SAME SHALL BE SUBMITTED TO GOVERNING AUTHORITIES AND INSURANCE COMPANY. COPIES OF APPROVED DRAWINGS AND CALCULATIONS SHALL BE PROVIDED TO ARCHITECT/ENGINEER. DRAWINGS SHALL INCLUDE DETAILED BUILDING DRAWINGS SHOWING BUILDING CONSTRUCTION FEATURES, DUCTWORK, LIGHTS, DIFFUSERS, CEILING TILES, EQUIPMENT AND OBSTRUCTIONS TO SHOW THAT PROPER CLEARANCE IS MAINTAINED FOR PIPING SPRINKLERS, ETC., AND ALL OTHER INFORMATION AS REQUIRED BY NFPA. DIMENSIONAL ELEVATIONS, SIZES OF PIPING AND SUFFICIENT SECTIONAL VIEWS SHALL BE PROVIDED SO PIPE ROUTING CAN BE CHECKED FOR CLEARANCES. REFER TO BID DRAWINGS FOR BUILDING PLAN(S). SPRINKLER LOCATIONS TO BE SHOWN ON PLANS, IN AREAS WITH SUSPENDED CEILINGS AS REQUIRED BY

SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW PRIOR TO SUBMITTAL TO THE LOCAL BUILDING DEPARTMENT OR ANY OTHER GOVERNING AUTHORITIES. THE SUBMITTAL SHALL BE REVISED AND RESUBMITTED, AS REQUIRED, UNTIL ACCEPTED. SUBMITTAL SHALL NOT BE MADE TO LOCAL BUILDING DEPARTMENT OR OTHER GOVERNING AUTHORITIES UNTIL ACCEPTED BY ARCHITECT.

THE FINAL REVIEWED SHOP DRAWINGS SHALL CONSTITUTE THE CONTRACT WORKING DRAWINGS. QUALIFICATIONS:

THE SYSTEM SHALL BE DESIGNED AND INSTALLED BY A FIRM REGULARLY ENGAGED IN THE DESIGN AND INSTALLATION OF FIRE PROTECTION SYSTEMS IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL FIRE PROTECTION ASSOCIATION. THE FIRM SHALL HAVE A MINIMUM OF FIVE (5) YEARS EXPERIENCE IN FIRE PROTECTION SYSTEM DESIGN AND INSTALLATION FOR PROJECTS OF SIMILAR NATURE TO THIS PROJECT. CONTRACTOR SHALL HOLD AN ACTIVE LICENSE IN THE STATE OF ILLINOIS. ENGINEER/ARCHITECT MAY REQUIRE EVIDENCE TO SUPPORT THE ABOVE QUALIFICATIONS AND MAY REJECT ANY PROPOSED INSTALLER WHO CANNOT SHOW SUITABLE EXPERIENCE.

FIRE PROTECTION SYSTEM:

PROVIDE A COMPLETE EXTENSION OF THE EXISTING FIRE PROTECTION SYSTEM AS INDICATED AND AS SPECIFIED HEREIN, CONSISTING OF THE FOLLOWING, BUT NOT LIMITED THERETO: A. DESIGN AND INSTALLATION OF A HYDRAULICALLY CALCULATED SPRINKLER SYSTEM AS INDICATED ON

B. ALL RELATED PIPING COMPONENTS, SUPPORTING AND ANCHORING PROVISIONS C. SHOP DRAWING PREPARATION AND SUBMITTAL.

D. TESTING, GUARANTEES AND ALL OTHER WORK NECESSARY TO PROVIDE A COMPLETE APPROVED

E. COORDINATION OF ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR. THE DESIGN AND INSTALLATION SHALL CONFORM TO THE GENERAL REQUIREMENTS OF APPLICABLE SECTIONS OF NFPA #13, ICC, AND OTHER APPLICABLE STATE OF ILLINOIS DEPARTMENT OF PUBLIC

HEALTH RULES. THE ABOVE CONDITIONS ARE CONSIDERED TO BE MINIMUMS AND SHALL BE VERIFIED WITH THE OWNER'S INSURANCE CARRIER AND LOCAL AUTHORITIES HAVING JURISDICTION CONTRACTOR SHALL DETERMINE, BY ACTUAL TEST AT SITE, THE AVAILABLE WATER SUPPLY ALL MATERIALS AND EQUIPMENT USED IN THE INSTALLATION OF FIRE PROTECTION SYSTEMS SHALL

BE LISTED AS APPROVED BY NFPA AND UNDERWRITERS LABORATORIES, INC., FOR USE IN SPRINKLER SYSTEMS, AND SHALL BE THE LATEST DESIGN OF THE MANUFACTURER. SYSTEM PIPING:

INTERIOR ABOVE GROUND PIPING SHALL BE LIMITED TO THE FOLLOWING. NO EXCEPTIONS WILL BE ALLOWED:

1" - 2": SCHEDULE 40 BLACK STEEL WITH THREADED, GROOVED OR FLANGED FITTINGS. NO THREADABLE LIGHT WALL SPRINKLER PIPE NOR "CRIMP-ON" NOR "PLAIN END" PIPE FITTINGS WILL BE PERMITTED.

SYSTEM INSTALLATION:

SPRINKLER PIPING SHALL BE CONCEALED ABOVE CEILINGS IN FINISHED AREAS; OTHER AREAS MAY BE EXPOSED UNLESS INDICATED OTHERWISE ON DRAWINGS. EXPOSED SPRINKLER PIPE AND FITTINGS SHALL BE SUITABLE FOR PAINTING. IN GENERAL, SPRINKLER PIPING SHALL BE INSTALLED AT MAXIMUM HEIGHT THROUGHOUT THE BUILDING. OFFSET PIPING AS REQUIRED TO CLEAR MECHANICAL DUCTWORK, PIPING, BUILDING STRUCTURE, ETC. IF NECESSARY, PROVIDE APPROPRIATE SUPPORTING MEMBERS FOR PIPING, WHICH SHALL BE ATTACHED TO THE BUILDING STRUCTURE SO THAT THE LOAD IMPOSED BY THE PIPING WILL NOT EXTEND THE LIMITATIONS OF THE STRUCTURE. THE PIPING INSTALLATION SHALL BE CONSISTENT WITH FIRE CODES, RELATIVE TO PROVISIONS FOR DRAINAGE AND OBSTRUCTION TO SPRAY PATTERN. PROVIDE NECESSARY DEFLECTORS SO THAT HEADS WILL NOT SPRAY ONTO ELECTRICAL EQUIPMENT

SPRINKLERS LOCATED 7'-0" OR LESS ABOVE FINISHED FLOOR ELEVATION SHALL BE PROVIDED WITH APPROVED GUARDS. SPRINKLERS LOCATED NEAR HEAT PRODUCING EQUIPMENT SHALL CONFORM TO NFPA SECTION 23, RELATIVE TO TEMPERATURE RATINGS. WHERE CEILING TILES OCCUR, SPRINKLERS SHALL BE LOCATED IN CENTER OF TILE. COORDINATE WITH INTERIOR DESIGN DRAWINGS.

# TESTING, FLUSHING AND CLEANING:

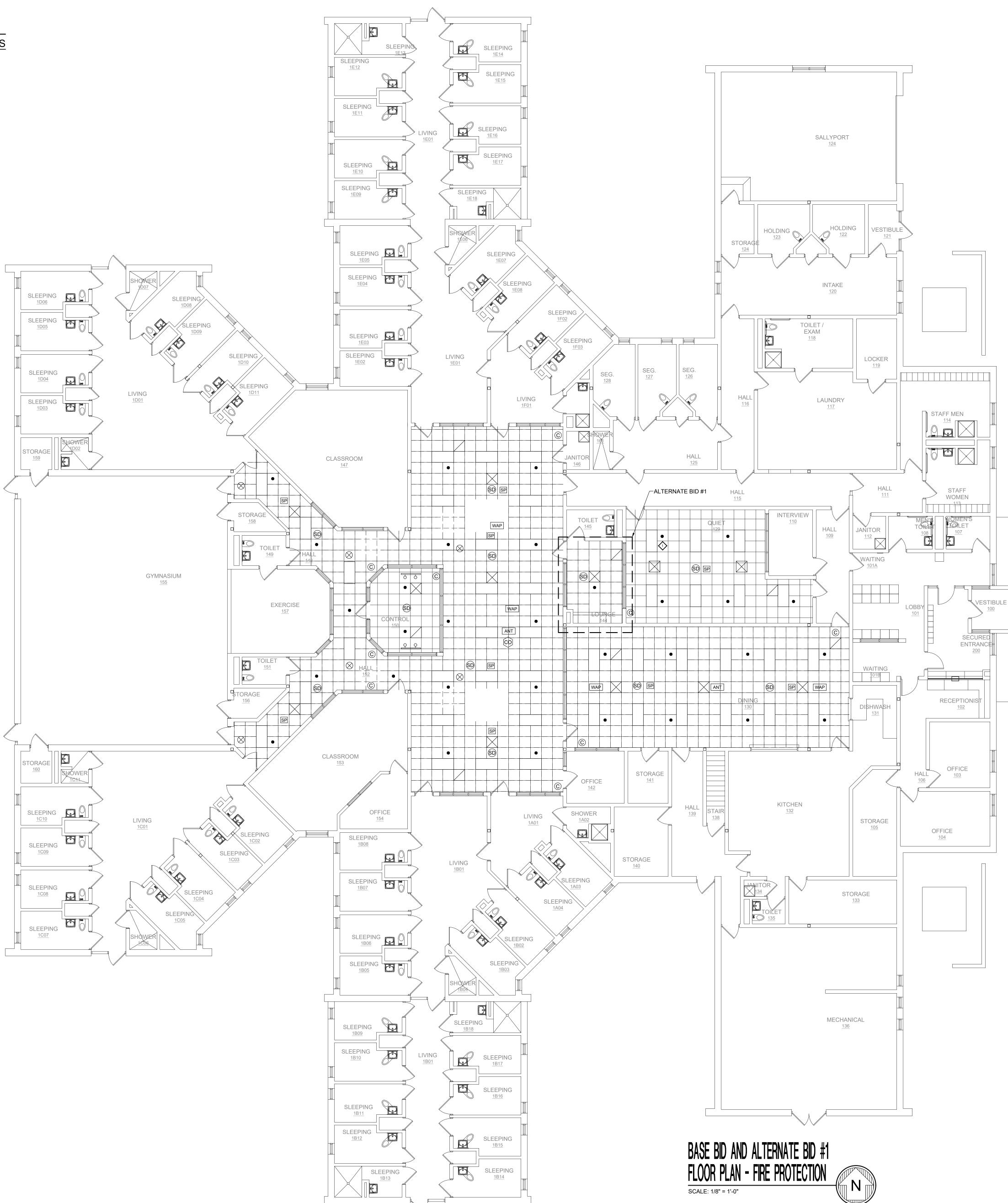
PIPING SHALL BE THOROUGHLY FLUSHED AND TESTED IN ACCORDANCE WITH NFPA REQUIREMENTS AND LEFT IN GOOD WORKING ORDER. REPAIR OR REPLACE PIPING TO ELIMINATE LEAKAGE IN ACCORDANCE WITH NFPA REQUIREMENTS. RETEST AS REQUIRED TO DEMONSTRATE COMPLIANCE. CERTIFICATE OF TESTS SHALL BE FORWARDED TO THE ARCHITECT. ALL TESTS SHALL BE MADE IN THE PRESENCE OF A REPRESENTATIVE OF THE ARCHITECT AND PROPER CITY OFFICIALS. ALL NECESSARY EQUIPMENT, MATERIALS AND LABOR FOR TESTS SHALL BE PROVIDED BY THE INSTALLING CONTRACTOR.

ATTENTION IS ESPECIALLY CALLED TO THE FACT THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY PART OF THE PREMISES CAUSED BY LEAKS OR BREAKS IN THE PIPE INSTALLED UNDER THIS SECTION FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE

OF THE WORK BY THE OWNER. COMPLETION AND CERTIFICATION:

AFTER COMPLETION OF THE INSTALLATION, THE FIRE PROTECTION CONTRACTOR SHALL FURNISH A WRITTEN STATEMENT TO THE EFFECT THAT WORK HAS BEEN COMPLETED AND TESTED IN ACCORDANCE WITH THE WORKING DRAWINGS AND SPECIFICATIONS. LETTER AND CONTRACTOR'S MATERIAL AND TEST CERTIFICATES SHALL BE PREPARED IN TRIPLICATE AND GIVEN TO THE ARCHITECT FOR DISTRIBUTION. CONTRACTOR SHALL FURNISH OWNER WITH COPY OF NFPA 25 - INSPECTION, TESTING AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS

**END OF SECTION 211300** 



KEY NOTES

1. EXISTING SPINKLER HEAD (TYP OF 32).

# **GENERAL NOTES**

1. REWORK SPRINKLER HEADS AS REQUIRED TO ACCOMMODATE THE REMOVAL AND REINSTALLATION OF CEILING SYSTEMS. INSTALL SPRINKLER HEADS IN CENTER OF

# GENERAL FIRE PROTECTION NOTES:

1. BUILDING REMODEL EXTENSIONS SHALL BE PROVIDED WITH A COMPLETE CALCULATED FIRE PROTECTION SYSTEM OF THE WET TYPE IN COMPLIANCE WITH NFPA 13, OWNER'S INSURANCE RATING AGENCY, STATE AND LOCAL CODES. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

2. SYSTEM DESIGN CONDITIONS

ORDINARY HAZARD OCCUPANCY GROUP 1: DENSITY OF .15 GPM/SQ. FT. AT STORAGE ROOMS MECHANICAL ROOMS AND OTHER SIMILAR AREAS. LIGHT HAZARD OCCUPANCY: DENSITY OF .10 GPM/SQ. FT. AT OFFICES AND SIMILAR AREAS, PROVIDE DRY SYSTEM WHERE PROTECTION IS REQUIRED BY NFPA 13 UNHEATED SPACES OR AREAS INCLUDING OUTSIDE ROOFS OR CANOPIES. CALCULATIONS SHALL HAVE A MINIMUM 10% CUSHION ON THE FLOW TEST CURVE. THE ABOVE CONDITIONS ARE TO BE CONSIDERED MINIMUMS AND ARE TO BE VERIFIED WITH THE OWNER'S INSURANCE RATING AGENCY, NFPA 13 AND LOCAL AUTHORITIES HAVING JURISDICTION.

REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

CONCEALED POP-OUT TYPE, STAINLESS STEEL COVER - IN AREAS WITH SUSPENDED OR DRYWALL CEILINGS. SPRINKLER HEADS ARE TO BE CENTERED IN CEILING TILES.

4. DRAWINGS ARE GENERALLY DIAGRAMMATIC. EACH CONTRACTOR SHALL MAKE REQUIRED CHANGES FROM THE GENERAL ROUTING SHOWN ON THESE DRAWINGS SUCH AS OFFSETS, BENDS OR CHANGES IN ELEVATION DUE TO COORDINATION WITH THE WORK OF OTHER TRADES AND THE BUILDING

CONSTRUCTION. ALL CHANGES SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER.

IT IS INTENDED THAT THE APPARATUS SHALL BE LOCATED SYMMETRICALLY WITH THE ARCHITECTURAL ELEMENTS, NOTWITHSTANDING THE FACT THAT LOCATIONS INDICATED BY THESE DRAWINGS MAY BE DISTORTED FOR CLEARNESS OF PRESENTATION.

EACH CONTRACTOR SHALL CHECK DRAWINGS OF THE OTHER CONTRACTORS TO VERIFY SPACES IN WHICH THEIR WORK WILL BE INSTALLED IS CLEAR OF OBSTRUCTIONS. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS IN THE BUILDING. WHERE HEADROOM OR SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE INSTALLATION.

FURNISH EACH CONTRACTOR ADVANCE INFORMATION ON LOCATIONS AND SIZES OF PIPING, DUCTWORK, EQUIPMENT, FRAMES, BOXES, SLEEVES AND OPENINGS NEEDED FOR WORK, AND ALSO FURNISH INFORMATION AND SHOP DRAWINGS TO PERMIT EACH CONTRACTOR AFFECTED TO INSTALL THEIR WORK PROPERLY AND WITHOUT DELAY.

WHERE THERE IS EVIDENCE THAT THE WORK OF ONE CONTRACTOR WILL INTERFERE WITH THE WORK OF OTHER CONTRACTORS, EACH CONTRACTOR SHALL ASSIST IN WORKING OUT SPACE CONDITIONS

CONTRACTOR IS ALLOWED TO MAKE MINOR CHANGES TO THE PIPING TO AVOID FIELD CONFLICTS AT NO ADDITIONAL COST TO THE OWNER AND AS LONG AS THE RELOCATION DOES NOT AFFECT THE PERFORMANCE OF THE SYSTEM.

0. THE USER OF THE DRAWINGS AGREES TO HOLD THE ENGINEER HARMLESS FOR ANY RESPONSIBILITY HOLD THE ENGINEER HARMLESS FOR COST AND PROBLEMS ARISING FROM THE NEGLIGENCE OF THE CONTRACTOR, SUBCONTRACTOR, TRADESMEN OR WORKMEN. THE USE OF THESE DRAWINGS ALSO IMPLIES THAT THE ENGINEER SHALL TAKE NO RESPONSIBILITY FOR THE PLANNED USER'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE DRAWINGS OR CONTRACT DOCUMENTS.

11. SEE SPECIFICATIONS FOR ADDITIONAL NOTES, SYMBOLS, ABBREVIATIONS, PREFIXES AND SUFFICES.

# PRESENT EQUIPMENT AND DEMOLITION NOTES:

A. THE FOLLOWING REMOVED PRESENT EQUIPMENT AND MATERIALS WHICH ARE IN GOOD OPERATING CONDITION (OR ARE PLACED IN GOOD CONDITION), SUITABLE, MEETING THE REQUIREMENTS OF THESE SPECIFICATIONS, AND ARE APPROVED IN WRITING BY ENGINEER, OR CALLED FOR MAY BE REUSED (PXR, PXN, AND PN). REMOVED PIPING MUST NOT BE REUSED.

C. ANY OF ABOVE EQUIPMENT WHICH IS NOT REUSED AND FOLLOWING REMOVED PRESENT EQUIPMENT SHALL BECOME PROPERTY OF CONTRACTOR, AND SHALL BE REMOVED FROM PREMISES (PX).

1. EQUIPMENT SO DESIGNATED ON DRAWINGS. D. CONTRACTOR SHALL

PROVIDE NEW FLOORS UNDER REMOVED PRESENT EQUIPMENT AND WHERE CALLED

2. REPAIR FLOORS UNDER AND WALLS ADJACENT TO REMOVED EQUIPMENT, TO MATCH ADJACENT CONSTRUCTION. 3. FILL IN PRESENT CHASES WHICH ARE NO LONGER REQUIRED AND NEATLY PATCH TO

MATCH ADJACENT CONSTRUCTION.

4. CUT OPENINGS REQUIRED FOR: a. HIS WORK

 b. ADMISSION OF NEW EQUIPMENT c. REMOVAL OF PRESENT EQUIPMENT

d. NEW CONNECTION TO PRESENT CONSTRUCTION PATCH AND REPAIR UNUSED PRESENT HOLES AND OPENINGS, AND THOSE LEFT

BY THE REMOVAL OF PRESENT EQUIPMENT AND ADMISSION OF NEW

PATCH AND REPAIR PRESENT EQUIPMENT. AND BUILDING CONSTRUCTION

WHICH HAS NOT BEEN CUT, REMOVED, DISTURBED OR MARRED, AS REQUIRED, TO RESTORE IT TO ORIGINAL CONDITION BEFORE BEING DISTURBED. e. UNUSED OPENINGS IN EQUIPMENT, WALLS, CEILING, FLOOR, ETC. SHALL BE FILLED.

f. PRESENT PAINTED CONSTRUCTION WHICH IS MARRED SHALL BE REPAIRED SAME AS NEW CONSTRUCTION. E. CERTAIN ABBREVIATIONS OR SYMBOLS, WHEN APPLIED TO PRESENT (TO EXISTING) LINE,

DEVICE OR EQUIPMENT, SHALL HAVE THE FOLLOWING MEANINGS:

NEW CONNECTIONS TO PRESENT PIPING, DEVICE WIRING, EQUIPMENT, ETC. INSTALL. TEST, COVER, PAINT, ETC., SAME AS NEW WORK.

TO REMAIN UNCHANGED, IF CHANGE CANNOT BE AVOIDED, CHANGE "P" TO "PXR", AT NO

INCREASE IN CONTRACT PRICE. VERIFY LOCATION.

TO BE COMPLETELY REMOVED, INCLUDING UNNEEDED CONNECTIONS, PIPING, DUCTS, WIRING, BASES, ETC., OF EVERY KIND. UNUSED OPENINGS PLUGGED OR CAPPED, TESTED. COVERED. PAINTED SAME AS NEW WORK. OTHER DISTURBED WORK OF EVERY KIND RESTORED, PATCHED, TESTED, COVERED, PAINTED, ETC., TO EQUAL ORIGINAL CONDITION. REMOVED MATERIAL MUST NOT BE REUSED UNLESS OTHERWISE SPECIFIED OR DIRECTED BY ENGINEER.

PX-DO SAME AS "PX", EXCEPT REMOVED, CLEANED AND RESTORED INTACT, AS FAR AS PRACTICAL, MATCHED MARKED, AND OTHERWISE IDENTIFIED AS REQUIRED AND DELIVERED TO OWNER OUTSIDE OF BUILDING AS DIRECTED BY ENGINEER.

PXR SAME AS "PX", EXCEPT REMOVED, CLEANED AND RESTORED TO GOOD OPERATING CONDITION AND REINSTALLED, SAME AS NEW WORK, IN ORIGINAL POSITION. IF RECONDITIONING IS IMPRACTICAL, PROVIDE NEW DEVICE, AS APPROVED BY ARCHITECT, AT NO INCREASE IN CONTRACT PRICE.

PXS SAME AS "PX", EXCEPT THAT FOLLOWING CALLED FOR NEW DEVICE SHALL BE

PXN SAME AS "PXR" EXCEPT REMOVED, CLEANED AND RESTORED TO GOOD OPERATING ETC. CONDITION AND REINSTALLED SAME AS NEW WORK, IN NEW POSITION MARKED "PN" WITH SAME LETTER. IF RECONDITIONING IS IMPRACTICAL, PROVIDE NEW DEVICE, AS APPROVED BY ARCHITECT, AT NO INCREASE IN CONTRACT PRICE.

COMPLETELY REINSTALL DEVICE, LINE OR DUCT, REMOVED AT "PXN" LOCATION AND ETC. INSTALL AS INDICATED IN NEW LOCATION, SAME AS NEW WORK.

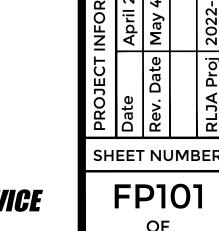
F. WORK OF EVERY DIVISION SHALL BE COORDINATED WITH ALL OTHER WORK AND PRESENT CONDITIONS, SO THAT 1. ELECTRICAL SERVICES TO PRESENT BUILDINGS OR PORTIONS OF BUILDING WILL NOT BE

INTERRUPTED DURING PERIODS WHEN THOSE SERVICES ARE NEEDED. 2. SPECIAL SYSTEMS SUCH AS FIRE ALARM, SOUND, ETC., OF EVERY KIND TO PRESENT BUILDINGS WILL NOT BE INTERRUPTED DURING WORKING AND/OR OCCUPIED HOURS. EXCEPT AS APPROVED BY THE OWNER. G. NEW PIPING SERVING NEW AND/OR PRESENT EQUIPMENT IN FINISHED PRESENT ROOMS OR

SPACES SHALL BE CONCEALED IN FINISHED ROOMS, WHERE POSSIBLE OR SHALL BE RUN IN ADJOINING UNFINISHED ROOMS, SHAFTS, CHAMBERS, CLOAK ROOMS, ETC., EXCEPT WHERE EXPOSED PIPING IS PERMITTED IN FINISHED PRESENT ROOMS BY ARCHITECT IN WRITING, H. UNNEEDED EQUIPMENT, PIPING, ETC., SHALL BE COMPLETELY REMOVED; AND CONSTRUCTION PATCHED AS PER NOTE "PX". NEW CONNECTIONS TO PRESENT EQUIPMENT, SHALL BE MADE, TESTED, COVERED, PAINTED, ETC., SAME AS NEW EQUIPMENT. PRESENT EQUIPMENT, AND OTHER COVERING DISTURBED BY CONTRACTOR SHALL BE REPAIRED TO

EQUAL NEW CONDITION AND PAINTED SAME AS NEW COVERING. WORK SHALL BE COORDINATED SO THAT HEATING, PLUMBING, ELECTRICAL, INTERNET AND TELEPHONE SERVICES TO THE PRESENT BUILDING WILL NOT BE INTERRUPTED, EXCEPT AS APPROVED BY THE OWNER/ARCHITECT.





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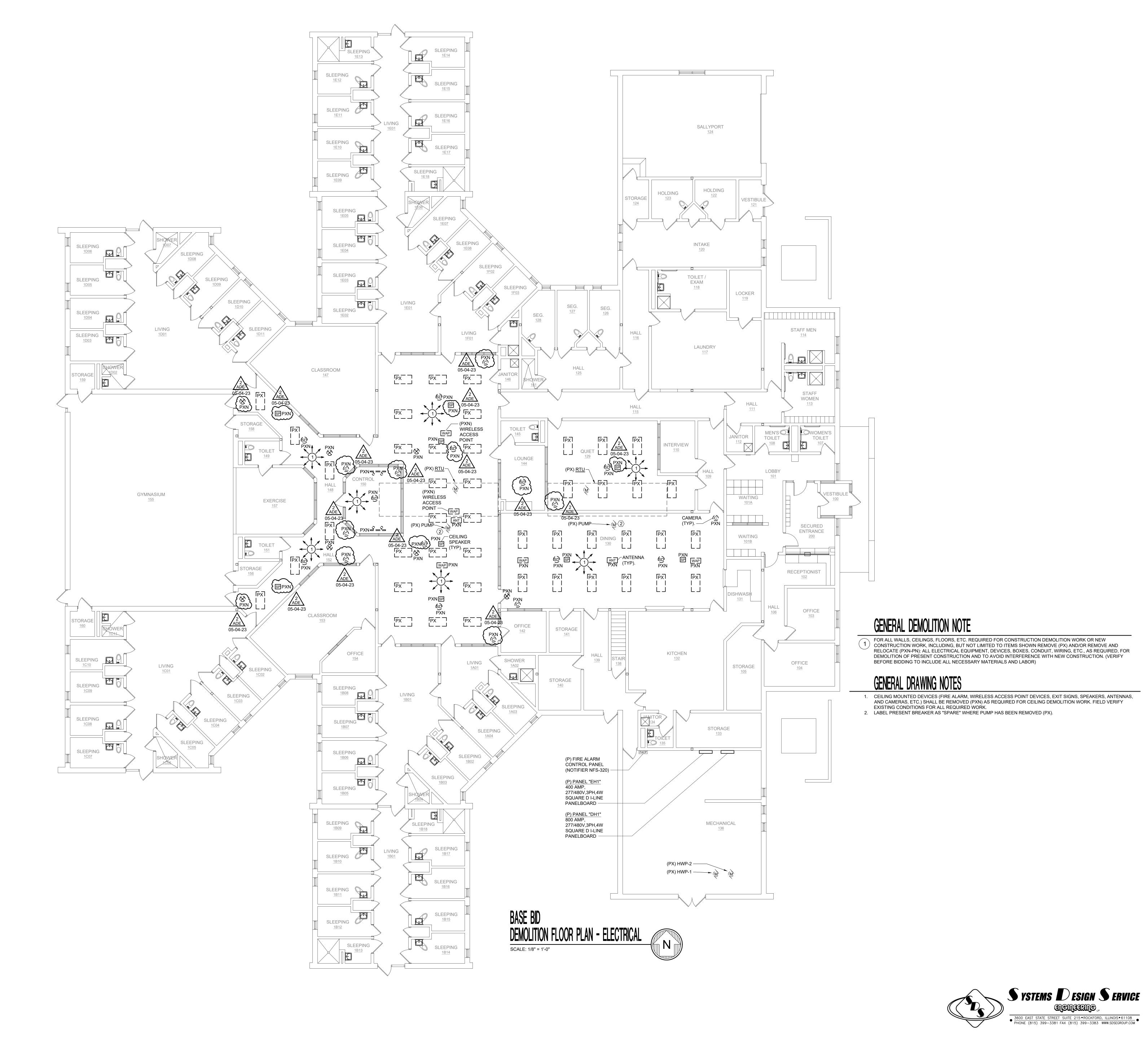
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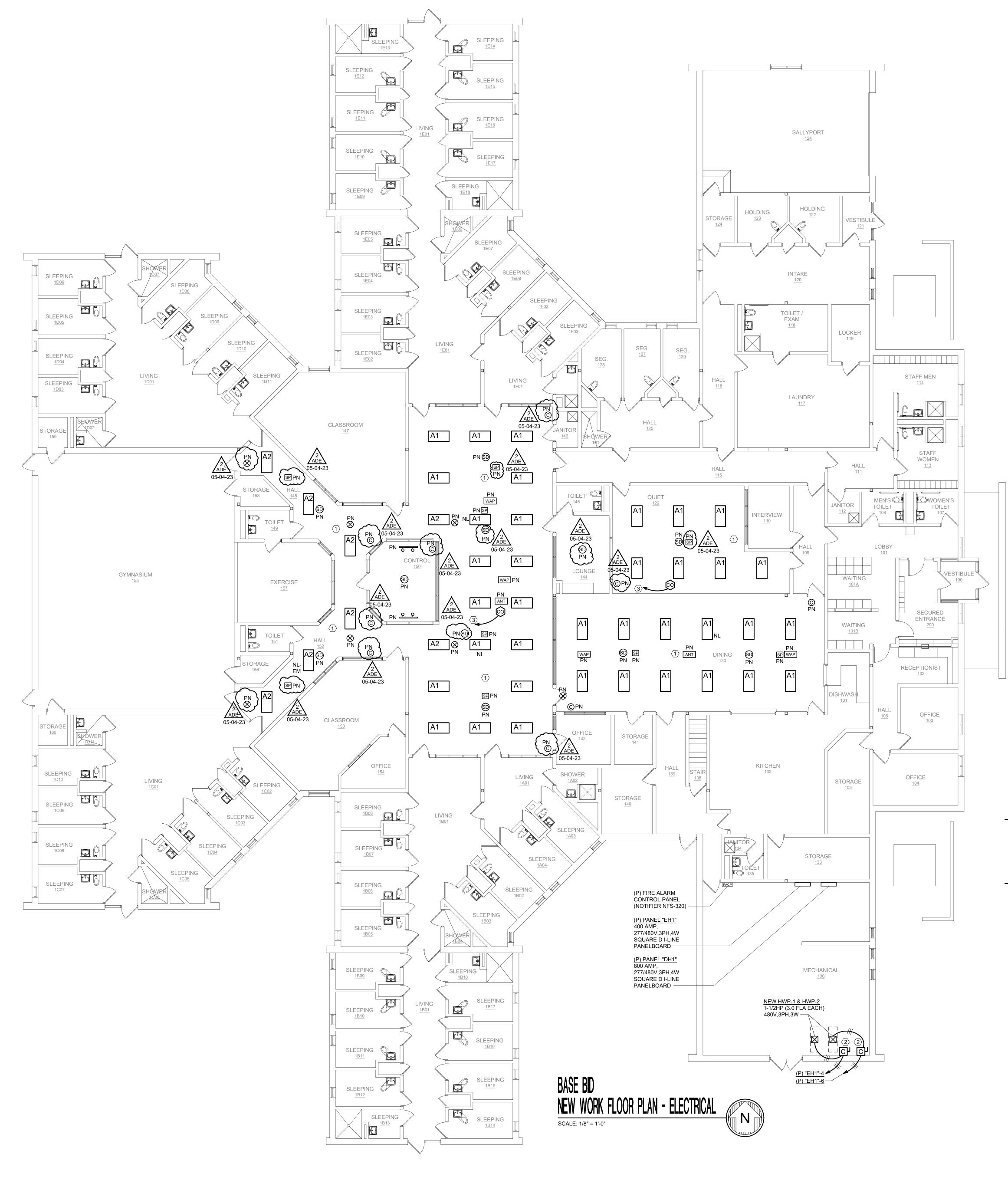
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SHEET NUMBER E102

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CEILING MOUNTED DEVICES (FIRE ALARM, WIRELESS ACCESS POINT DEVICES, EXIT SIGNS, SPEAKERS, ANTENNAS, AND CAMERAS, ETC.) SHALL BE REINSTALLED (PN) IN SAME LOCATION PRIOR TO CEILING DEMOLITION WORK.

2. REWIRE RELOCATED (PXN-PN) DEVICES AS REQUIRED.

WIRE NEW FIXTURES TO PRESENT NORMAL / EMERGENCY BRANCH CIRCUIT AND LIGHTING CONTROLS CURRENTLY SERVING FIXTURES BEING REMOVED IN THIS AREA. FIELD VERIFY EXISTING CONDITIONS. (TYPICAL FOR ALL NEW FIXTURES).

2. PROVIDE NEW MOTOR CONTROLLER (3 POSITION) FOR NEW PUMPS. COORDINATE LOCATION WITH EXISTING

3. WIRE NEW FIRE ALARM DEVICES TO PRESENT FACP. (TYPICAL FOR ALL NEW DEVICES).