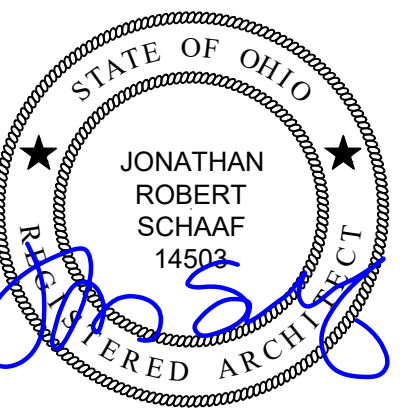


Fire Alarm System Upgrades at: Wentworth Hi-Rise OH5-14

2765 Wentworth Avenue
Dayton, Ohio 45406



Jonathan Robert SchAAF #14503
Expiration Date 12/31/2025
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RDA GROUP ARCHITECTS
7662 PARAGON ROAD | DAYTON, OH 45459 | 937.610.3440

OWNER



Greater Dayton
Premier Management
400 Wayne Ave.
Dayton, Ohio 45410

DESIGN TEAM

ARCHITECT:



PME ENGINEERING:

Helmig Lienesch LLC
Consulting Engineers

410 South Jefferson Street
Dayton, OH 45402

SHEET INDEX

| | |
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| G1.1 | PROJECT INFORMATION |
| G1.2 | UL ASSEMBLIES |
| A1.1 | EXISTING FIRST / SECOND / THIRD FLOOR PLANS |
| A1.2 | EXISTING FOURTH / FIFTH / SIXTH FLOOR PLANS |
| E-1 | FIRST FLOOR PLAN, SCOPE OF WORK, LEGEND |
| E-2 | SECOND - SIXTH FLOOR PLAN |
| E-3 | THIRD - SIXTH LOBBY FIRE ALARM RISER |

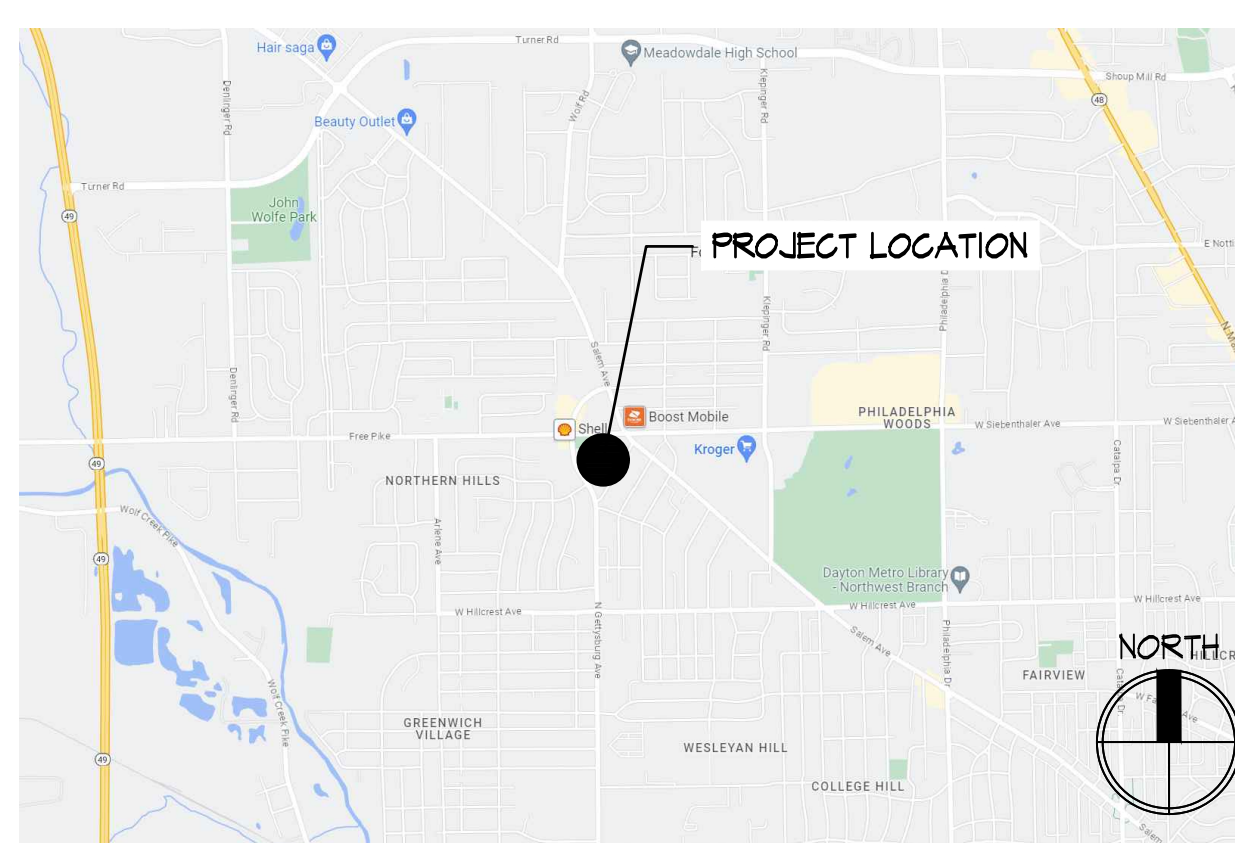
THE PLANS AND SPECIFICATIONS ARE INTENDED TO DEPICT THE GENERAL SCOPE, LAYOUT AND QUALITY OF WORKMANSHIP REQUIRED. THE DOCUMENTS ARE NOT AN INSTRUCTION MANUAL TO EXECUTE THE WORK NOR ARE THEY INTENDED TO SHOW OR DESCRIBE IN DETAIL EVERY ITEM NECESSARY FOR THE PROPER INSTALLATION OF THE WORK. THE MEANS AND METHODS REQUIRED TO EXECUTE THE WORK DESCRIBED IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THE ANGLIARY WORK REQUIRED, WHETHER EXPLICITLY STATED OR NOT, FOR THE PROPER COMPLETION OF THE WORK AS INTENDED. THE CONTRACTOR IS REQUIRED TO MEET OR EXCEED BUILDING CODE REQUIREMENTS, APPLICABLE INDUSTRY STANDARDS, ASTM STANDARDS, AND/OR MANUFACTURER INSTALLATION REQUIREMENTS AS THEY RELATE TO THE WORK.

THE PLANS AND SPECIFICATIONS REPRESENT A SINGLE COMPLETE DESIGN PACKAGE INDICATING THE INTENDED SCOPE OF THE PROJECT IN ITS ENTIRETY. AS SUCH, THE PROJECT IS STRUCTURED TO BE AWARDED TO A SINGLE PRIME CONTRACTOR. THE DOCUMENTS DO NOT DELINEATE BID PACKAGES OR ASSIGN RESPONSIBILITIES TO ANY SUBSEQUENT SUBCONTRACTORS. CLARIFY CONSTRUCTION SEQUENCING. WORK PROVIDE COORDINATION BETWEEN ANY TRADES. SUCH ACTIVITIES ARE THE RESPONSIBILITY OF THE HOLDER OF THE CONSTRUCTION CONTRACT. IN THE EVENT OF A DISCREPANCY WITHIN THE DRAWINGS OR BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT REPRESENTED IN THE DOCUMENTS SHALL PREVAIL.

EXISTING FIRE SUPPRESSION / SPRINKLER SYSTEM TO REMAIN ACTIVE - OWNER TO COORDINATE WITH VENDOR FOR ANY MODIFICATIONS THAT MAY BE REQUIRED AS A RESULT OF THE WORK IN THIS PERMIT - DELEGATED DESIGN BY OTHERS.

EXISTING FIRE ALARM SYSTEM TO REMAIN ACTIVE DURING CONSTRUCTION / REPLACEMENT SCHEDULED AS PART OF THIS SCOPE OF WORK - COORDINATE SPECIFIC REQUIREMENTS WITH THE CITY OF DAYTON FIRE DEPARTMENT.

VICINITY MAP



CODE REVIEW

DESCRIPTION:
REPLACEMENT OF EXISTING FIRE ALARM SYSTEM WITH A NEW FIRE ALARM SYSTEM. NO CHANGE IN BUILDING USE, OCCUPANCY, OR OTHER LIFE SAFETY COMPONENTS.

AUTHORITY HAVING JURISDICTION:
ZONING PERMIT - CITY OF DAYTON
BUILDING PERMIT - CITY OF DAYTON
FIRE DEPARTMENT - CITY OF DAYTON

ZONING CODE:
CITY OF DAYTON

BUILDING CODE:
2017 OHIO BUILDING CODE (OBC)

CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION
310.4. USE GROUP R-2 (MULTI-FAMILY RESIDENTIAL WITH SHARED EGRESS)
NO CHANGE IN USE

CHAPTER 4: SPECIAL DETAILED REQUIREMENTS BASED ON USE / OCCUPANCY
403.1. HIGH-RISE BUILDING - NOT APPLICABLE. HIGHEST FLOOR LESS THAN 75' ABOVE LOWEST LEVEL OF FIRE DEPARTMENT ACCESS.
420.2. SEPARATION WALLS - CONSTRUCT AS FIRE PARTITIONS PER OBC 708 (MAINTAIN EXISTING)
420.3. HORIZONTAL SEPARATION - CONSTRUCT AS HORIZONTAL ASSEMBLIES, PER OBC 711 (MAINTAIN EXISTING)

CHAPTER 5: GENERAL BUILDING HEIGHT AND AREA
NO CHANGE IN BUILDING HEIGHT, STORIES, OR AREA
EXISTING BUILDING HEIGHT = 60'
EXISTING STORIES = 6 STORIES
EXISTING AREA / FLOOR = 15,390 SF

CHAPTER 6: TYPES OF CONSTRUCTION
TABLE 601:
PRIMARY STRUCTURAL FRAME = 2 HOUR
EXTERIOR BEARING WALLS = 2 HOUR
INTERIOR BEARING WALLS = 2 HOUR
NON-BEARING WALLS = 0 HOUR
FLOOR CONSTRUCTION = 2 HOUR
ROOF CONSTRUCTION = 1 HOUR

602.2. CONSTRUCTION TYPE: I B (NON-COMBUSTIBLE)

CHAPTER 7: FIRE-RESISTANCE RATED CONSTRUCTION
708.3. FIRE PARTITIONS - 1 HOUR RATING REQUIRED
711.2.4.3. HORIZONTAL ASSEMBLIES - 1 HOUR RATING REQUIRED
714.3. THRU PENETRATION IN FIRE RESISTANCE RATED WALLS - MAINTAIN RATING
714.4. THRU PENETRATION IN FIRE RESISTANCE RATED HORIZONTAL ASSEMBLIES - MAINTAIN RATING

CHAPTER 8: INTERIOR FINISHES
803.1.1. INTERIOR WALL AND CEILING FINISH MATERIALS
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CLASS B = FLAME SPREAD INDEX 26-75, SMOKE DEVELOPED INDEX 0-450
CLASS C = FLAME SPREAD INDEX 76-200, SMOKE DEVELOPED INDEX 0-450

TABLE 803.11: INTERIOR WALL AND CEILING FINISH REQUIREMENTS
USE: R-2
EXIT ENCLOSURES AND PASSAGEWAYS: CLASS C
CORRIDORS: CLASS C
ROOMS AND ENCLOSED SPACES: CLASS C

CHAPTER 9: FIRE PROTECTION SYSTEMS
903.2.8. USE GROUP R: AUTOMATIC FIRE SPRINKLER SYSTEM REQUIRED - PROVIDED - EXISTING SPRINKLER SYSTEM, NO CHANGES AS PART OF THIS PROJECT.
905.1. STANDPIPE SYSTEM - REQUIRED, PROVIDED, NO CHANGES AS PART OF THIS PROJECT.
907.2.9. FIRE ALARM SYSTEM - REQUIRED, PROVIDED (REPLACEMENT OF EXISTING SYSTEM TO MEET CURRENT REQUIREMENTS)

CHAPTER 10: MEANS OF EGRESS
NO CHANGE IN BUILDING MEANS OF EGRESS, EGRESS DOORS, TRAVEL DISTANCE, ETC.
(3) EXITS PER FLOOR PROVIDED. EACH DWELLING UNIT HAS ACCESS TO (2) INDEPENDENT EXITS.

CHAPTER 11: ACCESSIBILITY
NO CHANGES AS PART OF THIS PROJECT.

WALL / SYMBOL LEGEND

| | |
|----------|-------------------------|
| --- | EQUIPMENT TO BE REMOVED |
| ===== | EXISTING WALL TO REMAIN |
| — 1 HR — | 1 HOUR RATED ASSEMBLY |
| — 2 HR — | 2 HOUR RATED ASSEMBLY |

ABBREVIATIONS

| | |
|--------|------------------------------------|
| ADAAG | AMERICANS WITH DISABILITIES ACT |
| ACC | ACCESSIBILITY GUIDELINES |
| AF | ABOVE FINISH FLOOR |
| ALUM | ALUMINUM |
| ATC | ACOUSTIC TILE CEILING |
| BLKS | BLOCKING |
| BET | BETWEEN |
| BRG | BEARING |
| BTM | BOTTOM |
| CLP | CAST IN PLACE |
| CL | CENTERLINE |
| CLG | CEILING |
| CT | CERAMIC TILE |
| CLR | CLEAR |
| COL | COLUMN |
| CPT | CARPET |
| CONC | CONCRETE |
| CMU | CONCRETE MASONRY UNIT |
| CONT | CONTINUOUS |
| CJ | CONTROL JOINT |
| DF | DRINKING FOUNTAIN |
| DIA | DIAMETER |
| DS | DOWNSPOUT |
| DTL | DETAIL |
| DW | DISHWASHER |
| ELEV | ELEVATION |
| EQ | EQUAL |
| EX | EXISTING |
| FD | FLOOR DRAIN |
| FDN | FOUNDATION |
| FE | FIRE EXTINGUISHER |
| FF | FINISH FLOOR |
| FIN | FINISHED |
| FRT | FIRE RETARDANT TREATED |
| FSE | FOOD SERVICE EQUIPMENT |
| FTG | FOOTING |
| FV | FIELD VERIFY |
| GA | GAUGE |
| GYP BD | GYPSUM BOARD |
| GC | GENERAL CONTRACTOR |
| HM | HOLLOW METAL |
| HT | HEIGHT |
| HOR | HORIZONTAL |
| MAX | MAXIMUM |
| MECH | MECHANICAL |
| MO | MASONRY OPENING |
| MTD | MOUNTED |
| MTL | METAL |
| NIC | NOT IN CONTRACT |
| NTS | NOT TO SCALE |
| OC | ON CENTER |
| OPG | OPENING |
| PEMB | PRE-ENGINEERED METAL BUILDING |
| PTD | PAINTED |
| QT | QUARRY TILE |
| RAD | RADIUS |
| RD | ROOF DRAIN |
| REF | REFRIGERATOR |
| REQD | REQUIRED |
| RO | ROUGH OPENING |
| SM | SIMILAR |
| SM | SHEET METAL |
| SPEC | SPECIFICATION |
| SS | STAINLESS STEEL |
| SQ | SQUARE |
| STL | STEEL |
| T.O. | TOP OF |
| TYP | TYPICAL |
| UFAS | UNIFORM FEDERAL ACCESSIBILITY STD. |
| WRB | WEATHER RESISTIVE BARRIER |
| WFF | WELDED WIRE FABRIC |

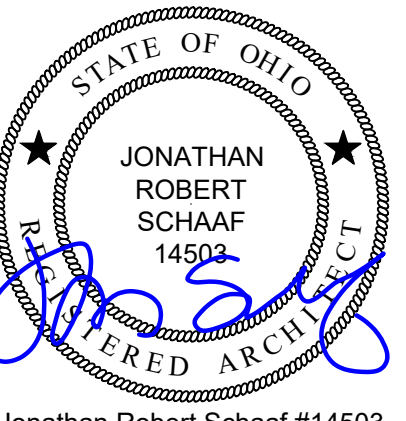
Fire Alarm System Upgrades at:
**Wentworth Hi-Rise
OH5-14**
2765 Wentworth Avenue
Dayton, Ohio 45406
Greater Dayton Premier Management

| | |
|------------------|----------------------|
| Project Number | |
| 2023-115 | |
| Date | |
| October 23, 2023 | |
| Date | Issue |
| 08.24.23 | As-Builts |
| 10.23.23 | Owner Review |
| 12.13.23 | Bid/Construction Set |

Sheet Title
Project Information

Sheet Number

G1.1



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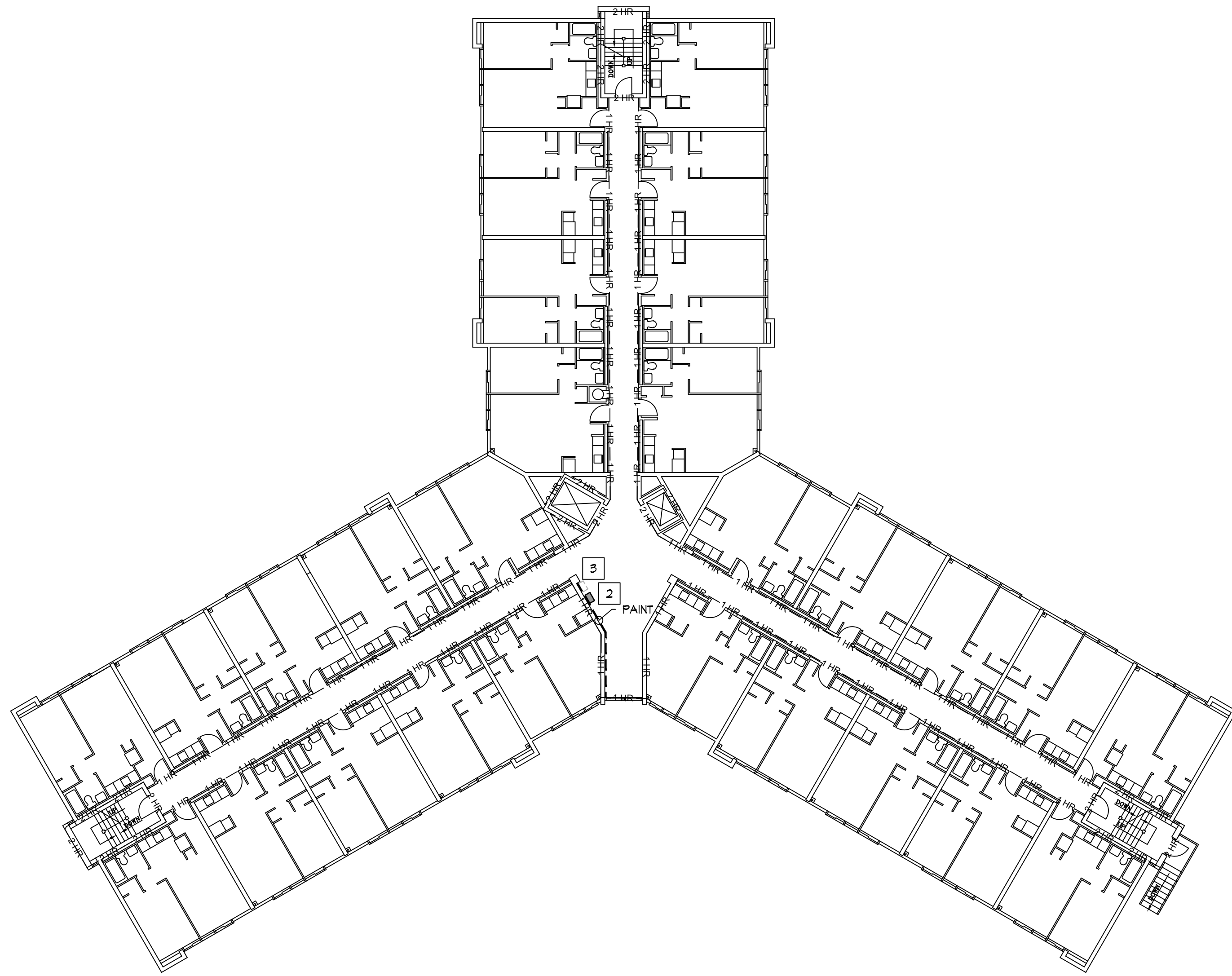
NEW CONSTRUCTION KEY NOTES

1. LOCATION OF NEW FIRE ALARM PANEL, REFER TO ELECTRICAL DRAWINGS.
2. LOCATION OF NEW FIRE ALARM EQUIPMENT, REFER TO ELECTRICAL DRAWINGS.
3. REMOVE EXISTING EQUIPMENT, PREP & PAINT WALLS CORNER TO CORNER, FLOOR TO CEILING. SEAL ALL ABANDONED FLOOR TO CEILING PENETRATIONS.
4. REMOVE EXISTING FIRE EQUIPMENT AT THIS WALL, REPAIR GYPSUM BOARD FINISHES THIS AREA, PAINT CORNER TO CORNER AND FLOOR TO CEILING.

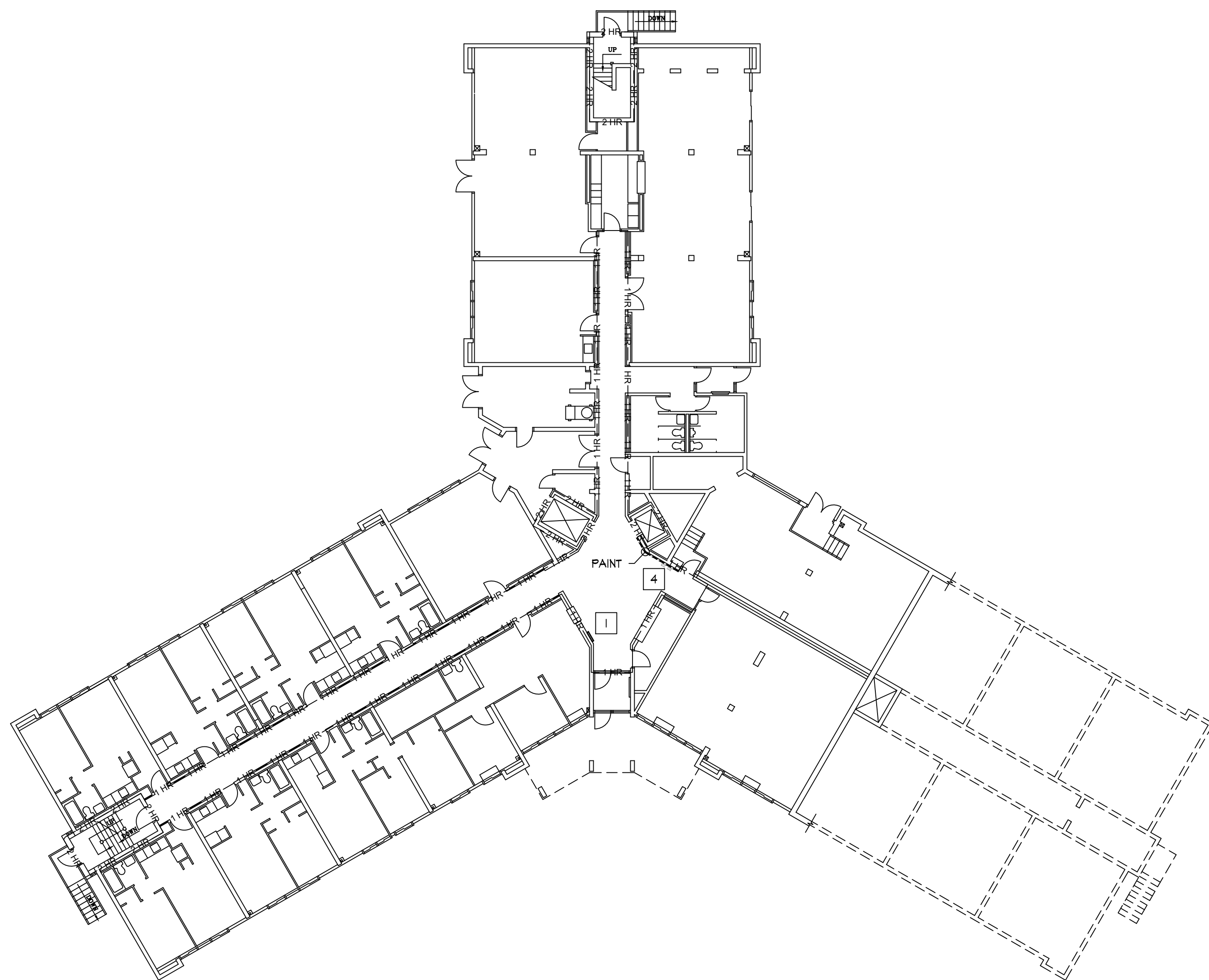
GENERAL NOTES

1. REMOVE ABANDONED CONDUITS, BOXES, DEVICES, & EQUIPMENT OF EXISTING FIRE ALARM SYSTEM BEING REMOVED COMPLETE. FIELD VERIFY CONDITIONS, ROUTING, & EXACT SCOPE OF REMOVAL.
2. PATCH & PREP ALL HOLES / OPENINGS AFTER THE REMOVAL OF EXISTING FIRE ALARM SYSTEM FOR LIKE NEW CONDITION.
3. INSTALL NEW FIRE ALARM SYSTEM COMPLETE. REFER TO ELECTRICAL DRAWINGS.
4. SEAL ALL PENETRATIONS THROUGH FLOOR & WALL ASSEMBLIES.
5. CORE EXISTING CONCRETE SLAB / PRE-CAST CONCRETE PLANK FLOOR SYSTEM TO EXTEND NEW CONDUITS VERTICALLY THROUGH BUILDING. SEAL ALL PENETRATIONS PER UL ASSEMBLIES.
6. MAINTAIN EXISTING FIRE ALARM SYSTEM OPERATIONAL UNTIL NEW SYSTEM IS IN PLACE & OPERATIONAL.
7. COORDINATE ALL REQUIREMENTS INCLUDING FIRE WATCH, ETC. WITH FIRE DEPARTMENT.
8. COORDINATE & PROVIDE RESIDENT NOTICES A MINIMUM OF 48 HOURS PRIOR TO ENTRY.
9. PREP & PAINT NEW CONDUITS, JUNCTION BOXES, ETC. COLOR TO MATCH ADJACENT WALL / CEILING.

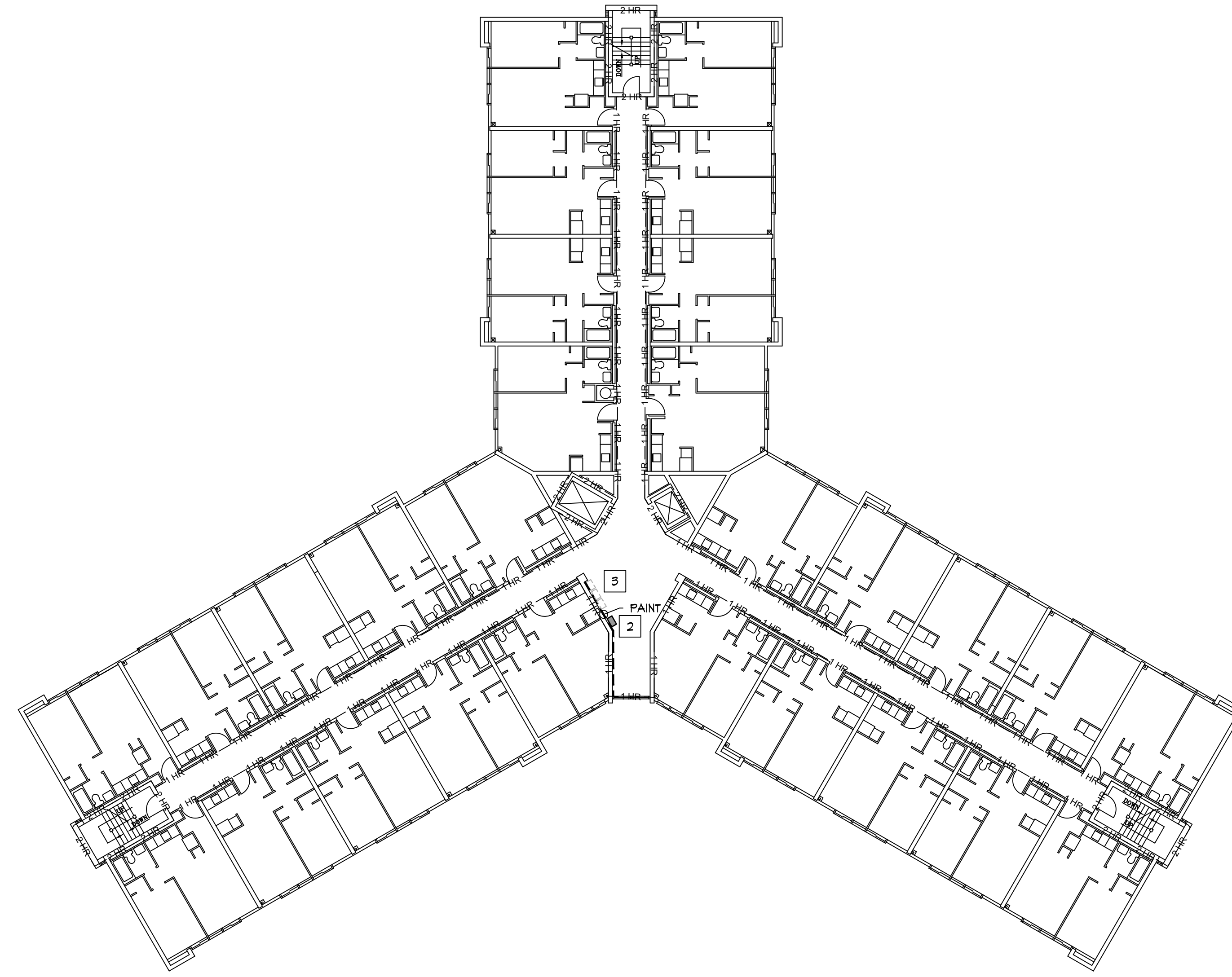
— 1 HR — UNIT DEMISING PARTITION
 — 2 HR — FIRE BARRIER STAIR ENCLOSURE / ELEVATOR SHAFT
 1 HOUR FLOOR CEILING ASSEMBLY TYPICAL



(B) EXISTING SECOND FLOOR PLAN
 SCALE: 1/16" = 1'-0" 0 8 16 32



(A) EXISTING FIRST FLOOR PLAN
 SCALE: 1/16" = 1'-0" 0 8 16 32

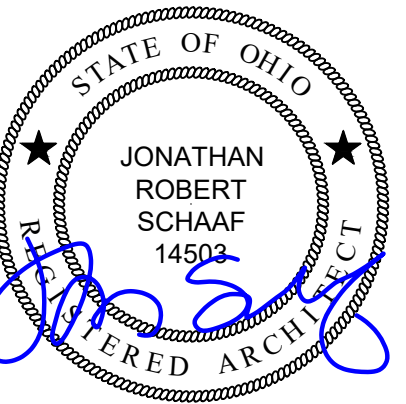


(C) EXISTING THIRD FLOOR PLAN
 SCALE: 1/16" = 1'-0" 0 8 16 32

Fire Alarm System Upgrades at:
Wentworth Hi-Rise
OH5-14
 2765 Wentworth Avenue
 Dayton, Ohio 45406
 Greater Dayton Premier Management

| | |
|----------------|----------------------|
| Project Number | 2023-115 |
| Date | October 23, 2023 |
| Date | Issue |
| 08.24.23 | As-Builts |
| 10.23.23 | Owner Review |
| 12.13.23 | Bid/Construction Set |

Sheet Title
 Existing First / Second / Third Floor Plans
 Sheet Number
A1.1



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Expiration Date 12/31/2025

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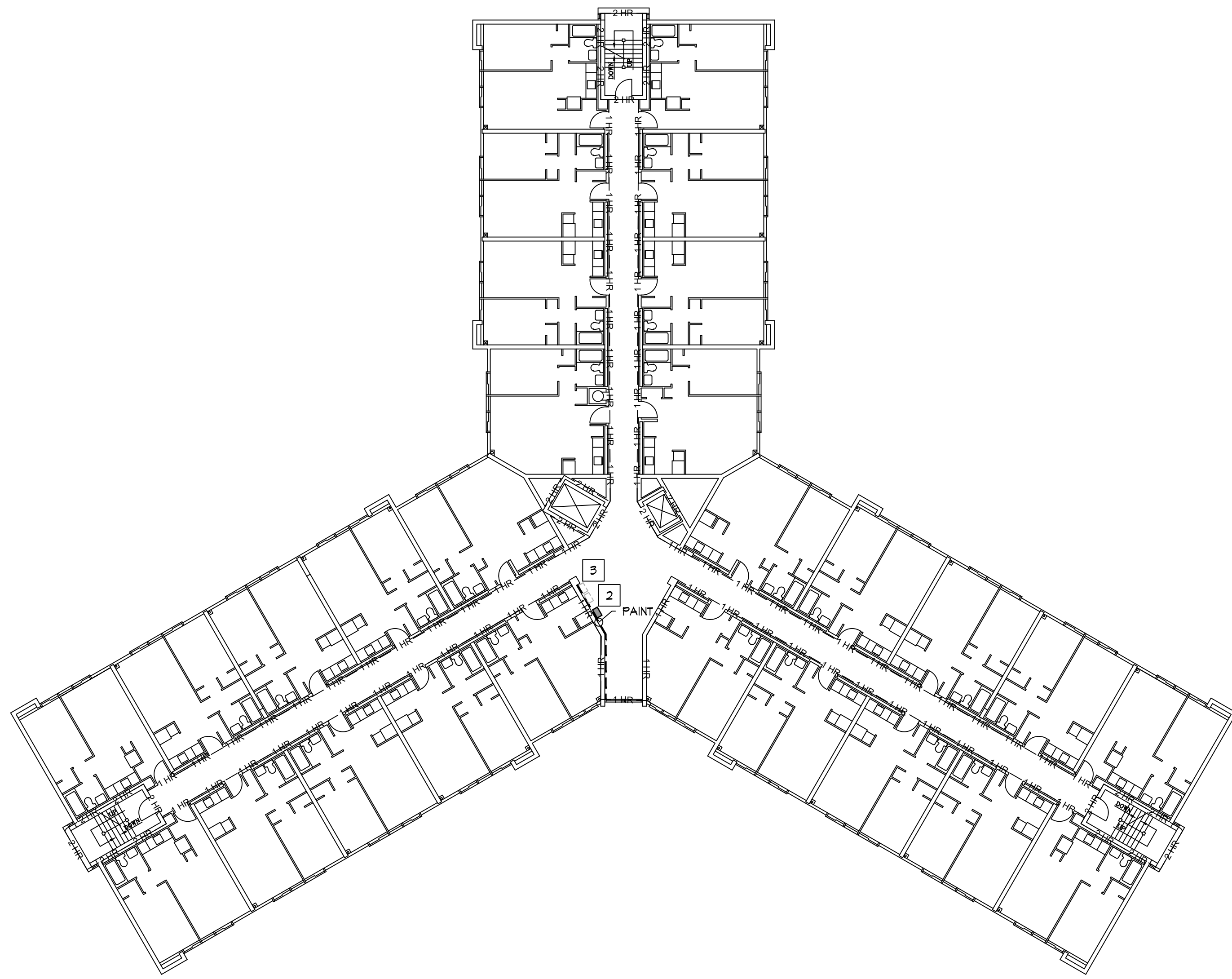
NEW CONSTRUCTION KEY NOTES

1. LOCATION OF NEW FIRE ALARM PANEL, REFER TO ELECTRICAL DRAWINGS.
2. LOCATION OF NEW FIRE ALARM EQUIPMENT, REFER TO ELECTRICAL DRAWINGS.
3. REMOVE EXISTING EQUIPMENT, PREP & PAINT WALLS CORNER TO CORNER, FLOOR TO CEILING. SEAL ALL ABANDONED FLOOR TO CEILING PENETRATIONS.

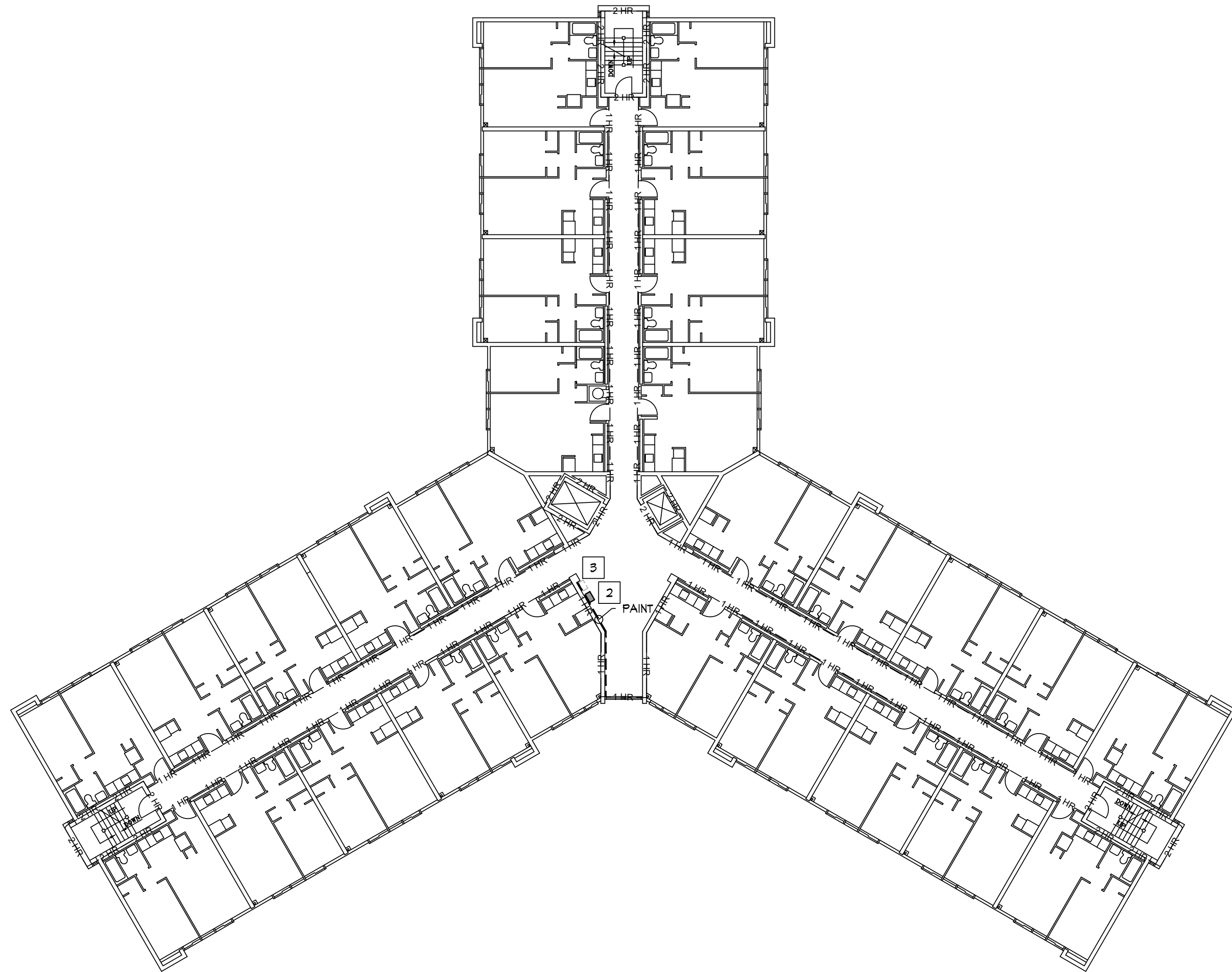
GENERAL NOTES

1. REMOVE ABANDONED CONDUITS, BOXES, DEVICES, & EQUIPMENT OF EXISTING FIRE ALARM SYSTEM BEING REMOVED COMPLETE. FIELD VERIFY CONDITIONS, ROUTING, & EXACT SCOPE OF REMOVAL.
2. PATCH & PREP ALL HOLES / OPENINGS AFTER THE REMOVAL OF EXISTING FIRE ALARM SYSTEM FOR LIKE NEW CONDITION.
3. INSTALL NEW FIRE ALARM SYSTEM COMPLETE. REFER TO ELECTRICAL DRAWINGS.
4. SEAL ALL PENETRATIONS THROUGH FLOOR & WALL ASSEMBLIES.
5. CORE EXISTING CONCRETE SLAB / PRE-CAST CONCRETE PLANK FLOOR SYSTEM TO EXTEND NEW CONDUITS VERTICALLY THROUGH BUILDING. SEAL ALL PENETRATIONS PER UL ASSEMBLIES.
6. MAINTAIN EXISTING FIRE ALARM SYSTEM OPERATIONAL UNTIL NEW SYSTEM IS IN PLACE & OPERATIONAL.
7. COORDINATE ALL REQUIREMENTS INCLUDING FIRE WATCH, ETC. WITH FIRE DEPARTMENT.
8. COORDINATE & PROVIDE RESIDENT NOTICES A MINIMUM OF 48 HOURS PRIOR TO ENTRY.
9. PREP & PAINT NEW CONDUITS, JUNCTION BOXES, ETC. COLOR TO MATCH ADJACENT WALL / CEILING.

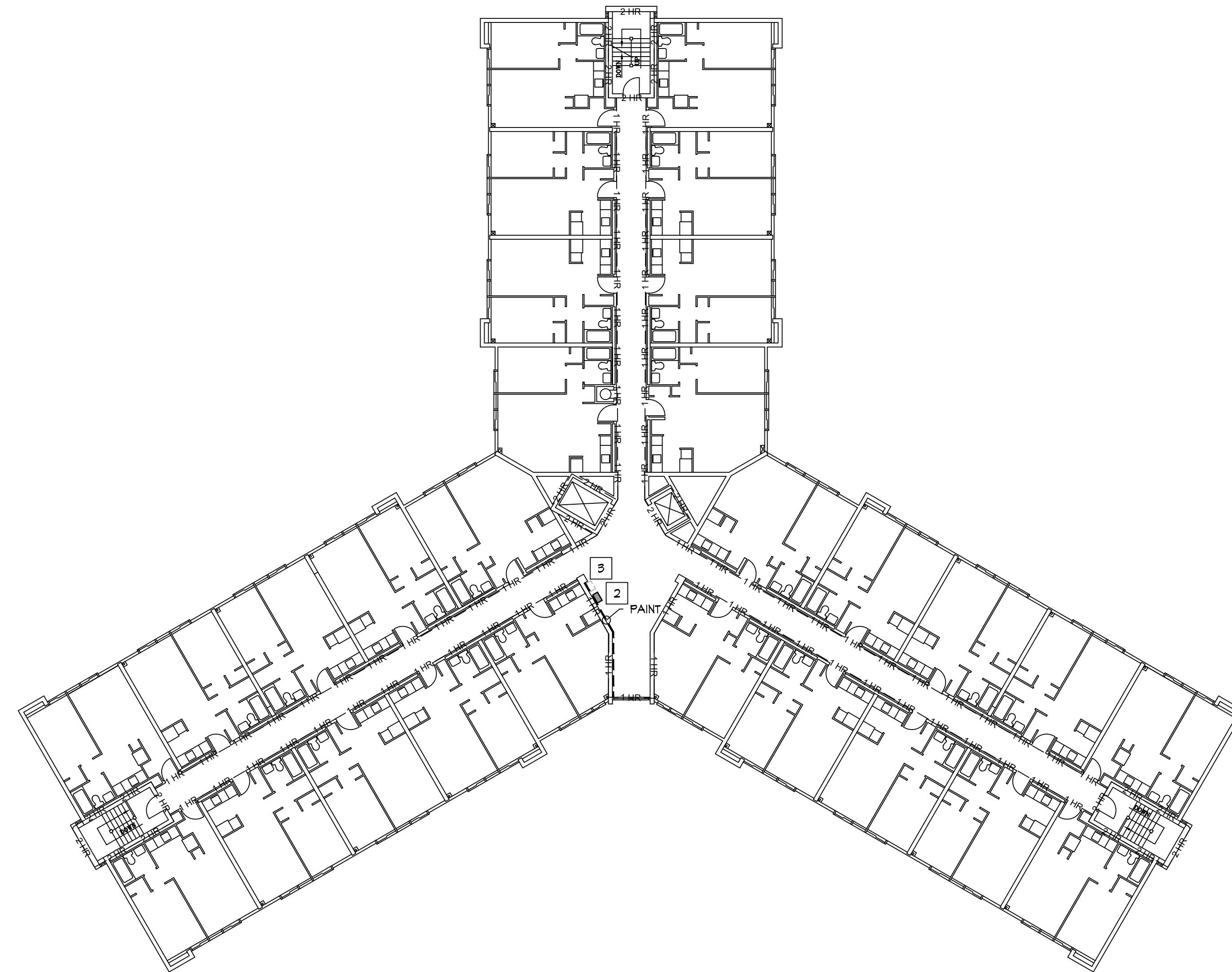
- 1 HR — UNIT DEMISING PARTITION
 - 2 HR — FIRE BARRIER STAIR ENCLOSURE / ELEVATOR SHAFT
- 1 HOUR FLOOR CEILING ASSEMBLY TYPICAL



B EXISTING FIFTH FLOOR PLAN
SCALE: 1/16" = 1'-0" 0 8 16 32 **N**



A EXISTING FOURTH FLOOR PLAN
SCALE: 1/16" = 1'-0" 0 8 16 32 **N**



C EXISTING SIXTH FLOOR PLAN
SCALE: 1/16" = 1'-0" 0 8 16 32 **N**

Fire Alarm System Upgrades at:
Wentworth Hi-Rise
OH5-14
2765 Wentworth Avenue
Dayton, Ohio 45406
Greater Dayton Premier Management

| | |
|----------------|----------------------|
| Project Number | 2023-115 |
| Date | October 23, 2023 |
| Date | Issue |
| 08.24.23 | As-Built |
| 10.23.23 | Owner Review |
| 12.13.23 | Bid/Construction Set |

Sheet Title
Existing Fourth / Fifth / Sixth
Floor Plans

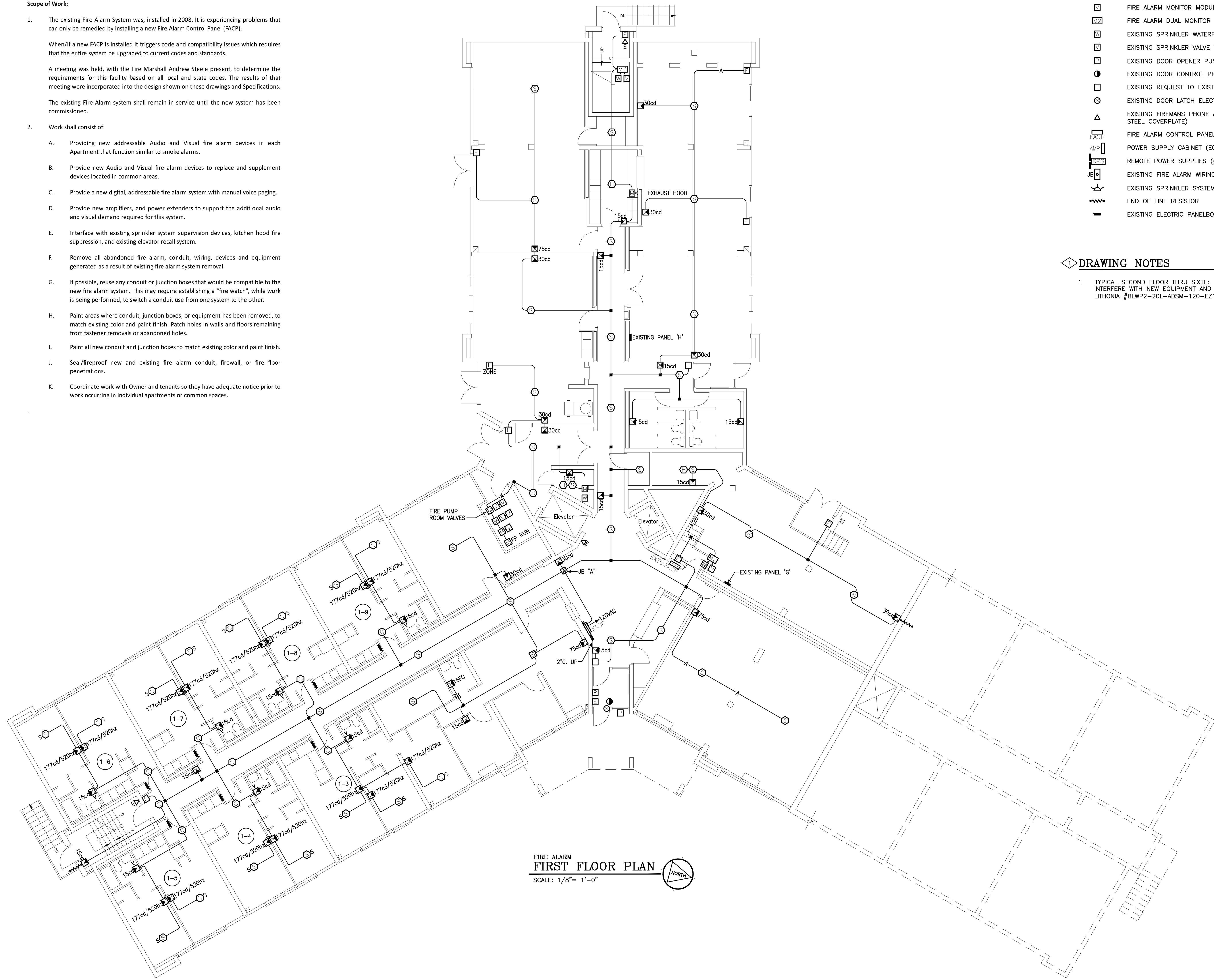
Sheet Number
A1.2

Scope of Work

In addition to work shown elsewhere on the drawings, and in the specifications, the following clarifications are offered:

Scope of Work:

1. The existing Fire Alarm System was installed in 2008. It is experiencing problems that can only be remedied by installing a new Fire Alarm Control Panel (FACP).
 - When/if a new FACP is installed it triggers code and compatibility issues which requires that the entire system be upgraded to current codes and standards.
 - A meeting was held, with the Fire Marshall Andrew Steele present, to determine the requirements for this facility based on all local and state codes. The results of that meeting were incorporated into the design shown on these drawings and Specifications.
 - The existing Fire Alarm system shall remain in service until the new system has been commissioned.
2. Work shall consist of:
 - A. Providing new addressable Audio and Visual fire alarm devices in each Apartment that function similar to smoke alarms.
 - B. Provide new Audio and Visual fire alarm devices to replace and supplement devices located in common areas.
 - C. Provide a new digital, addressable fire alarm system with manual paging.
 - D. Provide new amplifiers, and power extenders to support the additional audio and visual demand required for this system.
 - E. Interface with existing sprinkler system supervision devices, kitchen hood fire suppression, and existing elevator recall system.
 - F. Remove all abandoned fire alarm, conduit, wiring, devices and equipment generated as a result of existing fire alarm system removal.
 - G. If possible, reuse any conduit or junction boxes that would be compatible to the new fire alarm system. This may require establishing a "fire watch", while work is being performed, to switch a conduit use from one system to the other.
 - H. Paint areas where conduit, junction boxes, or equipment has been removed, to match existing color and paint finish. Patch holes in walls and floors remaining from fastener removals or abandoned holes.
 - I. Paint all new conduit and junction boxes to match existing color and paint finish.
 - J. Seal/fireproof new and existing fire alarm conduit, firewall, or fire floor penetrations.
 - K. Coordinate work with Owner and tenants so they have adequate notice prior to work occurring in individual apartments or common spaces.



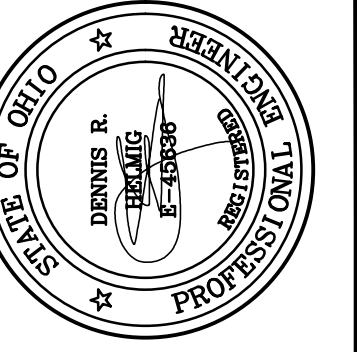
FIRE ALARM
FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

ELECTRICAL LEGEND

- FIRE ALARM SYSTEM SMOKE DETECTOR (#FSP-951) W/520Hz SOUNDER BASE (#B2005-LF-WH) ON CEILING
- FIRE ALARM SYSTEM CONTROL MODULE (#FCM-1) ON 1-GANG BOX ON CEILING
- FIRE ALARM SMOKE DETECTOR (#FSP-951) ON CEILING
- FIRE ALARM SPEAKER STROBE @90" A.F.F. (SHOWN AS 15 CANDELA/75 DECIBELS)
- FIRE ALARM MANUAL PULL STATION (#NBG-12LX) @48" A.F.F.
- FIRE ALARM "RATE OF RISE" HEAT DETECTOR (#FST-951) ON CEILING
- FIRE ALARM MONITOR MODULE (#FMM-101)
- FIRE ALARM DUAL MONITOR MODULE (#FDM-1)
- EXISTING SPRINKLER WATERFLOW SWITCH
- EXISTING SPRINKLER VALVE TAMPER SWITCH
- EXISTING DOOR OPENER PUSH PLATE @48" A.F.F.
- EXISTING DOOR CONTROL PROXIMITY SENSOR ON DOOR FRAME HEADER
- EXISTING REQUEST TO EXIST PUSHBUTTON
- EXISTING DOOR LATCH ELECTRIC STRIKE
- EXISTING FIREMANS PHONE JACK @54" A.F.F. (REMOVE AND PROVIDE BLANK STAINLESS STEEL COVERPLATE)
- FIRE ALARM CONTROL PANEL (#NFS2-3030) (TO REPLACE EXISTING FACP)
- POWER SUPPLY CABINET (EO SERIES) FOR LOW FREQUENCY AMPLIFIERS (#DAX-5070)
- REMOTE POWER SUPPLIES (#HPF-PS10B) FOR STROBE LIGHTS
- EXISTING FIRE ALARM WIRING JUNCTION BOX
- EXISTING SPRINKLER SYSTEM ALARM BELL @90" A.F.F.
- END OF LINE RESISTOR
- EXISTING ELECTRIC PANELBOARD

DRAWING NOTES

- 1 TYPICAL SECOND FLOOR THRU SIXTH: EXISTING WALL MOUNTED LIGHTING FIXTURE WILL INTERFERE WITH NEW EQUIPMENT AND CONDUIT ROUTING. REPLACE FIXTURE WITH A NEW LITHONIA #BLWP2-20L-ADSM-120-EZ1-LP835 RATED 2000-LUMENS AT 120V.



| |
|-----------|
| REVISIONS |
|-----------|

DAYTON, OHIO

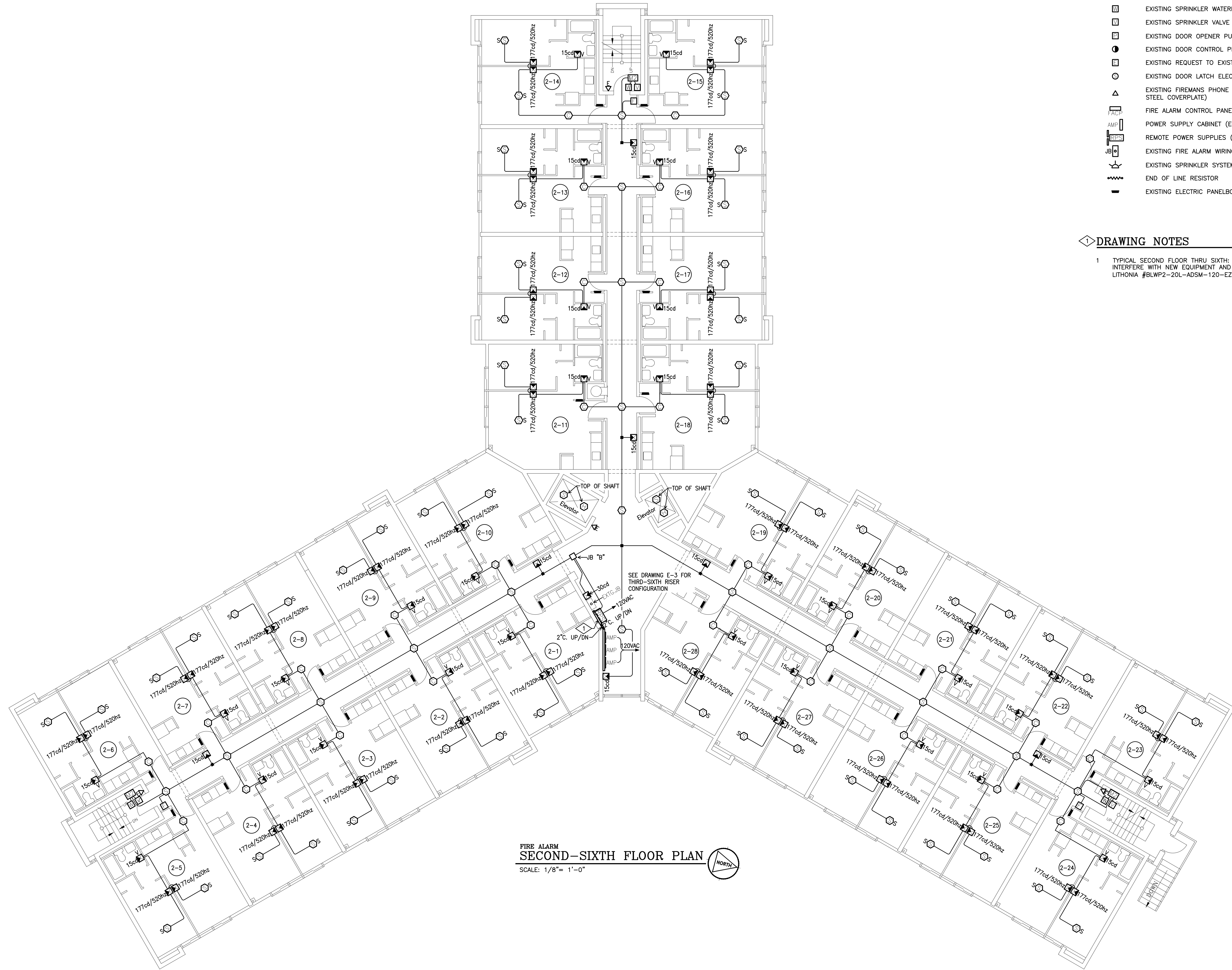
FIRE ALARM SYSTEM UPGRADE FOR
 for
WENTWORTH HI-RISE OH5-14

2765 WENTWORTH AVENUE

Helmig Lienesch LLC
 Consulting Engineers

410 South Jefferson Street
 Dayton, Ohio 45402
 (937) 228-4007
 FAX: (937) 228-1936

| | |
|-------------|---|
| DRAWN BY: | WLE |
| CHECKED BY: | DRH |
| DATE: | 10/23/23 |
| PROJECT NO: | 6743 |
| TITLE: | FIRST FLOOR PLAN, SCOPE OF WORK, LEGEND |
| SHEET NO: | |



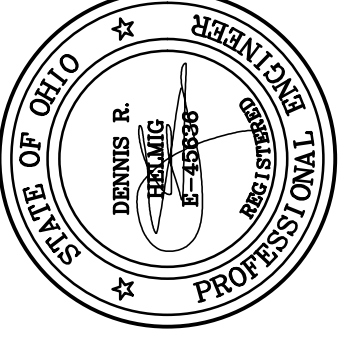
FIRE ALARM
 SECOND-SIXTH FLOOR PLAN
 SCALE: 1/8" = 1'-0"

ELECTRICAL LEGEND

- FIRE ALARM SYSTEM SMOKE DETECTOR (#FSP-951) W/520hz SOUNDER BASE (#B200S-LF-WH) ON CEILING
- FIRE ALARM SYSTEM CONTROL MODULE (#FCM-1) ON 1-GANG BOX ON CEILING
- FIRE ALARM SMOKE DETECTOR (#FSP-951) ON CEILING
- FIRE ALARM SPEAKER STROBE @80"A.F.F. (SHOWN AS 15 CANDELA/75 DECIBELS)
- FIRE ALARM MANUAL PULL STATION (#NBG-12LX) @48"A.F.F.
- FIRE ALARM "RATE OF RISE" HEAT DETECTOR (#FST-951) ON CEILING
- FIRE ALARM MONITOR MODULE (#FMM-101)
- FIRE ALARM DUAL MONITOR MODULE (#FDM-1)
- EXISTING SPRINKLER WATERFLOW SWITCH
- EXISTING SPRINKLER VALVE TAMPER SWITCH
- EXISTING DOOR OPENER PUSH PLATE @48"A.F.F.
- EXISTING DOOR CONTROL PROXIMITY SENSOR ON DOOR FRAME HEADER
- EXISTING REQUEST TO EXIST PUSHBUTTON
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- REMOTE POWER SUPPLIES (#HPF-PS10B) FOR STROBE LIGHTS
- EXISTING FIRE ALARM WIRING JUNCTION BOX
- EXISTING SPRINKLER SYSTEM ALARM BELL @90"A.F.F.
- END OF LINE RESISTOR
- EXISTING ELECTRIC PANELBOARD

DRAWING NOTES

- 1 TYPICAL SECOND FLOOR THRU SIXTH: EXISTING WALL MOUNTED LIGHTING FIXTURE WILL INTERFERE WITH NEW EQUIPMENT AND CONDUIT ROUTING. REPLACE FIXTURE WITH A NEW LITHONIA #BLWP2-20L-ADM-120-EZ1-LP835 RATED 2000-LUMENS AT 120V.

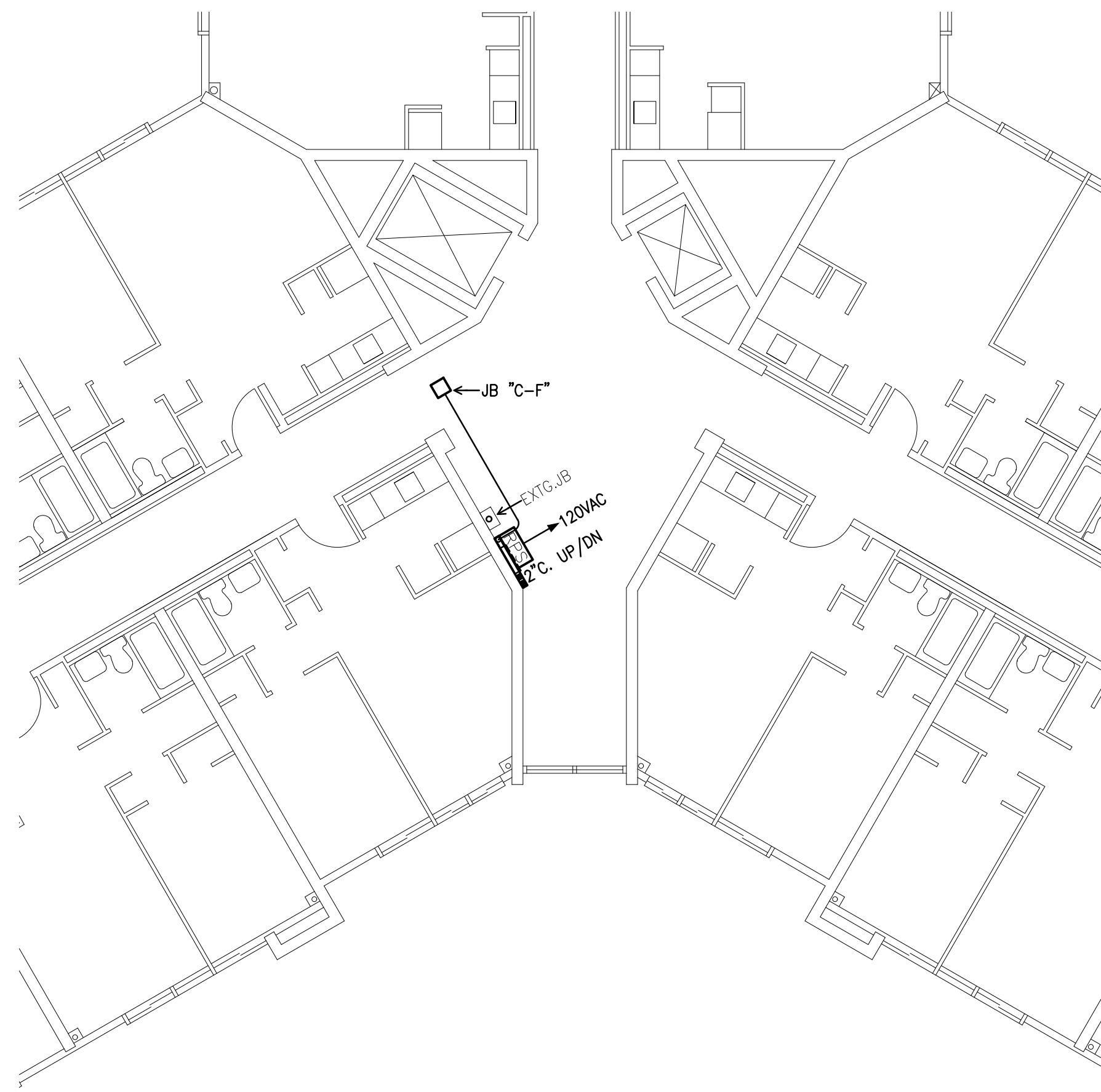


REVISIONS

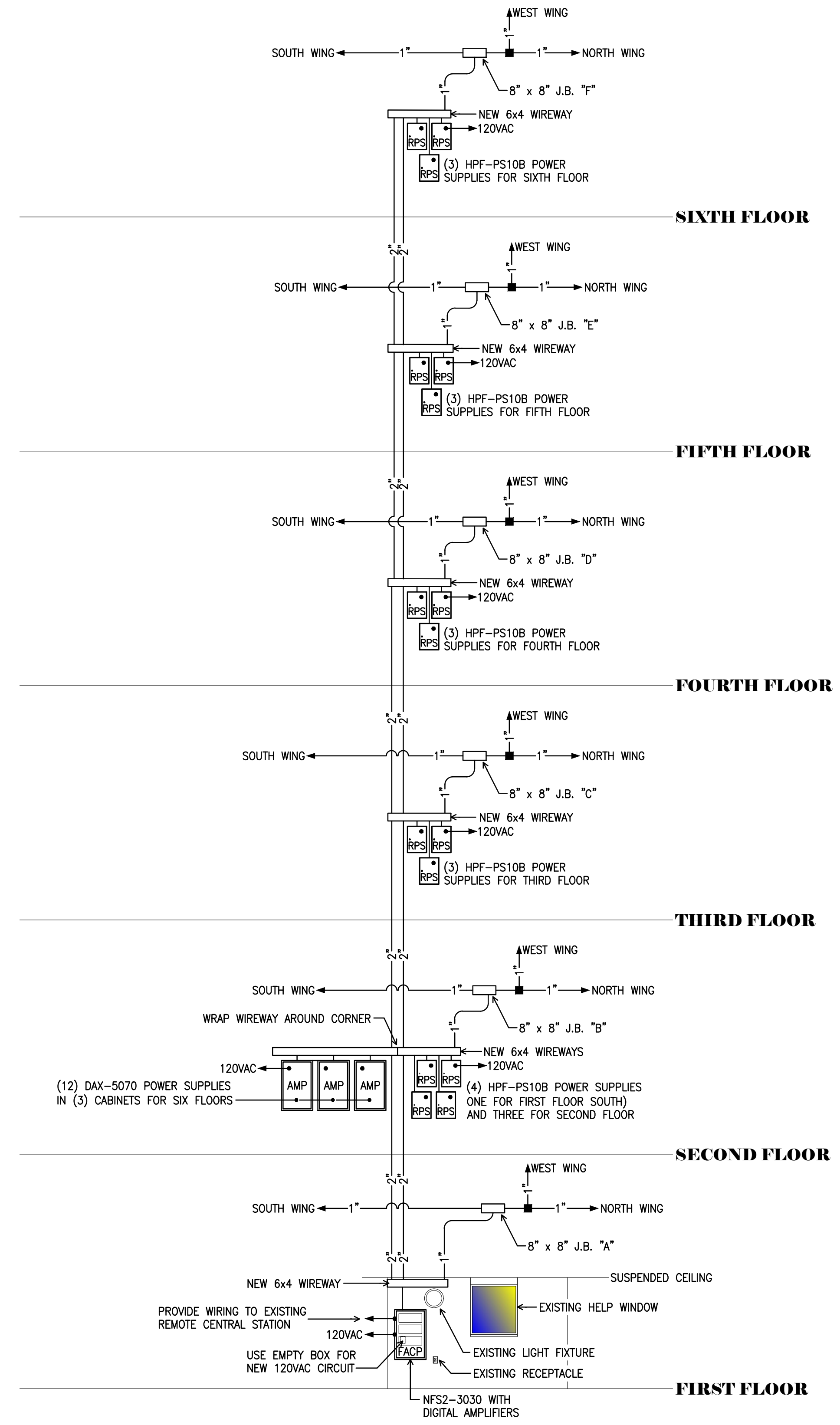
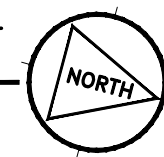
FIRE ALARM SYSTEM UPGRADE FOR
 for
 WENTWORTH HI-RISE OH5-14
 2765 WENTWORTH AVENUE
 DAYTON, OHIO

Helmig Lienesch LLC
 Consulting Engineers
 410 South Jefferson Street
 Dayton, Ohio 45402
 (937) 228-4007
 FAX: (937) 228-1936

DRAWN BY: WLE
 CHECKED BY: DRH
 DATE: 10/23/23
 PROJECT NO: 6743
 TITLE: SECOND - SIXTH FLOOR PLAN
 SHEET NO:

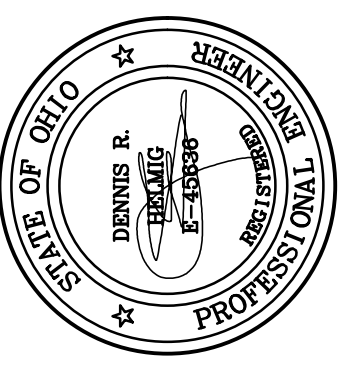


FIRE ALARM
THIRD - SIXTH LOBBY PLAN
 SHOWING RISER CONFIGURATION
 SCALE: 1/8" = 1'-0"



NOTE:
 CONDUIT ROUTING SHOWN IS A SUGGESTION ONLY.
 PROVIDE 20A-120V BRANCH CIRCUITS FROM EXISTING PANELBOARDS OR UTILIZE EXISTING IF POSSIBLE.
 SUCCESSFUL FIRE ALARM SYSTEM VENDOR SHALL DETERMINE APPROPRIATE WIRING, CONDUIT SIZING, AND ROUTING, BASED ON THEIR EQUIPMENT, DURING SHOP DRAWING PHASE.

RISER DIAGRAM
 NO SCALE



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| REVISIONS |
|-----------|

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| | |
|-------------|---------------------------------------|
| DRAWN BY: | WLE |
| CHECKED BY: | DRH |
| DATE: | 10/23/23 |
| PROJECT NO: | 6743 |
| TITLE: | THIRD-SIXTH LOBBY FIRE ALARM RISER |
| SHEET NO: | E-3 |