



FIRE PROTECTION LEGEND

	SPRINKLER HEAD - CONCEALED PENDANT ORDINARY TEMPERATURE, QUICK RESPONSE	ARCH	ARCHITECT
	SPRINKLER HEAD - CONCEALED PENDANT, DRY-TYPE, QUICK RESPONSE	AFF	ABOVE FINISHED FLOOR
	SPRINKLER HEAD - UPRIGHT, ORDINARY TEMPERATURE, QUICK RESPONSE TYPE	CLG	CEILING
	SPRINKLER HEAD - DRY SIDEWALL, QUICK RESPONSE TYPE	CONT	CONTINUATION
	SPRINKLER HEAD GUARD	CTE	CONNECT TO EXISTING
	ELBOW UP OR RISE	DCV	DOUBLE CHECK VALVE ASSEMBLY
	ELBOW DOWN OR DROP	DS	DRY SYSTEM
	WS WET SYSTEM SPRINKLER PIPING	DWG	DRAWING
	DS DRY SYSTEM SPRINKLER PIPING	ELEC	ELECTRICAL
	FDC FIRE DEPARTMENT CONNECTION	FCV	FLOOR CONTROL VALVE ASSEMBLY
	FVC FLOOR CONTROL VALVE ASSEMBLY	FFE	FINISHED FLOOR ELEVATION
	DCVA DOUBLE CHECK VALVE ASSEMBLY	FT	FOOT/FEET
	ALARM CHECK VALVE	GC	GENERAL CONTRACTOR
	CHECK VALVE	GPM	GALLON PER MINUTE
	HYDRAULIC CALCULATION NODE	MIN	MINIMUM
	KEYNOTE DESIGNATION / DRAWING KEYNOTE	MAX	MAXIMUM
	DETAIL DESIGNATION NUMBER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
	DRAWING NUMBER	NIC	NOT IN CONTRACT
		NTS	NOT TO SCALE
		OED	OPEN-END DRAIN
		PC	PLUMBING CONTRACTOR
		SPR	SPRINKLER PIPING
		WS	WET SYSTEM

FLOW DATA	
HYDRAULIC CALCULATIONS FOR THIS DESIGN HAS BEEN BASED ON THE FOLLOWING FLOW CRITERIA:	
STATIC PRESSURE	125 PSI
RESIDUAL PRESSURE	124 PSI
FLOW	2,458 GPM
DATE OF FLOW TEST:	01.08.2014.
DATE OF FLOW TEST:	CITY OF AMESBURY FIRE RESCUE
THE HYDRANT FLOW TEST DATA LISTED SHALL NOT BE USED BY THE SPRINKLER CONTRACTOR TO PERFORM THE HYDRAULIC CALCULATIONS FOR THE SPRINKLER CONTRACTOR SHOP DRAWINGS. THE SPRINKLER CONTRACTOR SHALL PERFORM A NEW HYDRANT FLOW TEST TO OBTAIN CURRENT FLOW AND PRESSURE, AND SHALL USE THIS NEWLY OBTAINED DATA TO PERFORM THE HYDRAULIC CALCULATIONS OF THE SPRINKLER SYSTEMS. THE HYDRANT FLOW TEST SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-13. THE SPRINKLER CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND PERFORM ALL REQUIRED COORDINATION WITH THE LOCAL WATER AUTHORITY TO PERFORM THE FLOW TEST.	
DESIGN CRITERIA	
<u>GENERAL BUILDING AND RESIDENTIAL AREAS</u>	<u>MECHANICAL ROOMS, RETAIL AND GARAGE AREAS</u>
LIGHT HAZARD OCCUPANCY 0.10 GPM PER 1,000 SQUARE FEET 100 GPM HOSE STREAM ALLOWANCE	ORDINARY HAZARD GROUP 1 & 2 0.15(0.20) GPM PER 2,000 SQUARE FEET 250 GPM HOSE STREAM ALLOWANCE

PIPE SIZE (in.)	NUMBER OF SPRINKLER HEADS						
	1	2	3	4	5	8	12
1	X						
1 1/2		X	X				
1 1/2				X	X		
2						X	
2 1/2							X

GENERAL NOTES

- ALL NEW FIRE PROTECTION SYSTEMS SHALL BE SEISMICALLY BRACED, IF REQUIRED, ACCORDING TO THE APPLICABLE SECTIONS OF THE MASSACHUSETTS STATE BUILDING CODE, AND NFPA-13 LATEST ACCEPTED EDITIONS.
- ALL FIRE PROTECTION SYSTEMS, EQUIPMENT AND PIPING SHALL BE DESIGNED, INSTALLED AND TESTED BY A SPRINKLER CONTRACTOR LICENSED AND EXPERIENCED IN THE STATE OF MASSACHUSETTS IN THE DESIGN, INSTALLATION, AND TESTING OF SPRINKLER SYSTEMS.
- ALL WORK PERFORMED SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE MASSACHUSETTS STATE BUILDING CODE AND NFPA-13 LATEST ACCEPTED EDITION AS WELL AS ALL RULES AND REGULATIONS OF THE AUTHORITY HAVING JURISDICTION.
- ALL PIPING SHALL BE RUN CONCEALED AND ABOVE CEILING, UNLESS OTHERWISE NOTED. CARE SHALL BE TAKEN TO RUN ALL PIPING AS TIGHT TO CEILING AND WALLS AS POSSIBLE. ALL PIPING SHALL FOLLOW THE BUILDING LINES AND SHALL RUN PARALLEL TO WALL IN A NEAT MANNER.
- CONTRACTOR SHALL PROVIDE FIRESTOPPING FOR ALL PENETRATIONS THRU FIRE WALLS AND FIRE RATED SEPARATIONS.
- ALL SPRINKLER PIPING AND HEADS ARE SHOWN DIAGRAMMATICALLY. ALL SPRINKLER HEADS SHALL BE INSTALLED SYMMETRICALLY AND HARMONIOUSLY IN ALIGNMENT. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES BEFORE WORK BEGINS TO ENSURE THAT NO INTERFERENCES EXIST AND THAT ALL COMPONENTS OF THE SPRINKLER SYSTEM WILL FIT INTO THE SPACE.
- CONTRACTOR SHALL COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS CONDITIONS FOR LOCATIONS OF DUCTWORK, DIFFUSERS, AND LIGHT FIXTURES.
- CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ALL SCAFFOLDING, HOISTING EQUIPMENT, AND DERRICKS NECESSARY FOR INSTALLATION OF WORK.
- THE DRAWINGS ARE FOR PRICING PURPOSES ONLY. THE CONTRACTOR SHALL PRODUCE A COMPLETE SET OF WORKING FIRE PROTECTION DRAWINGS IN ACCORDANCE WITH NFPA-13 LATEST ACCEPTED EDITION. THE SYSTEM SHALL BE HYDRAULICALLY CALCULATED PER THE DESIGN CRITERIA REQUIRED BY CODE. ALL DRAWINGS AND CALCULATIONS SHALL BE STAMPED AND SIGNED BY THE CONTRACTOR'S REGISTERED FIRE PROTECTION ENGINEER, AND SHALL BE SUBMITTED TO THE LOCAL FIRE DEPARTMENT FOR APPROVAL. THIS SHALL BE DONE PRIOR TO THE COMMENCEMENT OF ANY SPRINKLER WORK.
- AN ADDITIONAL SET OF STAMPED FIRE PROTECTION DRAWINGS AND CALCULATIONS AS DESCRIBED ABOVE SHALL BE SUBMITTED TO THE OWNERS FOR APPROVAL. THIS SHALL BE DONE PRIOR TO THE COMMENCEMENT OF ANY SPRINKLER WORK.
- LOCATION AND TYPE OF SPRINKLER HEADS SHALL BE CAREFULLY COORDINATED WITH OTHER TRADES, NOTABLY HVAC.
- WRITTEN APPROVAL OF THE SPRINKLER CONTRACTOR'S SHOP DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BE OBTAINED FROM THE LOCAL FIRE DEPARTMENT AND THE OWNER PRIOR TO THE COMMENCEMENT OF ANY WORK.
- THE DRAWINGS ARE NOT INTENDED TO SHOW EXACT SPRINKLER HEAD LOCATIONS, NUMBER OF SPRINKLER HEADS, OR THE EXACT ROUTING OF PIPING. THIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR ALL CEILING TYPES.
- SPRINKLER CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING IN ORDER TO ACCOMMODATE THE SPRINKLER WORK.
- THE CONTRACTOR SHALL MAKE REASONABLE CHANGES TO THE SPRINKLER HEAD LOCATIONS AND SPRINKLER PIPE ROUTES, AS A RESULT OF COORDINATION WITH THE OTHER TRADES AT NO EXTRA COST.
- THE TERM "CONTRACTOR" SHALL MEAN "SPRINKLER CONTRACTOR".
- PROVIDE WIRE CAGE GUARD PROTECTION FOR ALL SPRINKLER HEADS INSTALLED WITHIN 8'-0" OFF THE FLOOR.
- THE FIRE DEPARTMENT CONNECTION TYPES AND LOCATIONS SHALL BE APPROVED BY THE LOCAL FIRE DEPARTMENT PRIOR TO PURCHASE AND INSTALLATION.
- THE CONTRACTOR SHALL PROVIDE A FIRE DEPARTMENT PERSONNEL STAFFED "FIRE WATCH" DURING ALL WELDING OPERATIONS.
- ALL MATERIALS AND EQUIPMENT USED FOR FIRE PROTECTION SYSTEMS SHALL BE UL LISTED OR FM APPROVED FOR FIRE PROTECTION SERVICE, AND SHALL BE RATED AT 175 PSI WORKING PRESSURE.
- THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL FIRE DEPARTMENT FOR TESTING AND ACCEPTANCE OF ALL SPRINKLER WORK. THE CONTRACTOR SHALL FIX ANY DEFICIENCY FOUND DURING TESTING AND SHALL RETEST ALL SPRINKLER SYSTEMS UNTIL THE ENTIRE SYSTEM IS ACCEPTED BY THE LOCAL FIRE DEPARTMENT.
- THE CONTRACTOR SHALL TEST AND FLUSH ALL SPRINKLER SYSTEMS IN ACCORDANCE WITH NFPA-13 & NFPA-25, AND SHALL PROVIDE FLUSHING AND TESTING REPORTS IN ACCORDANCE WITH NFPA-13 & NFPA-25, AND SHALL SUBMIT THESE REPORTS TO THE LOCAL FIRE DEPARTMENT PRIOR TO FINAL ACCEPTANCE OF THE SPRINKLER SYSTEMS.
- THE DRAWINGS ARE NOT INTENDED TO SHOW ALL LOCATIONS WHERE FIRE RATED SLEEVES, SEALS OR CORE DRILLING WILL BE REQUIRED. IT SHALL BE THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR TO COORDINATE WITH THE ARCHITECT FOR LOCATIONS OF ALL FIRE RATED WALLS AND FLOORS AND TO DETERMINE THE LOCATIONS OF ALL FIRE RATED SLEEVES, SEALS AND CORE DRILLING.
- IT SHALL BE THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR TO SELECT ALL DESIGN AREAS AND DESIGN DENSITIES AS WELL AS THE NUMBER OF SPRINKLER HEADS IN ALL AREAS OF OPERATION THAT WILL BE USED TO CREATE THE SPRINKLER CONTRACTOR'S SHOP DRAWINGS, AND HYDRAULIC CALCULATIONS. ALL DESIGN AREAS, DESIGN DENSITIES AND THE NUMBER OF OPERATING SPRINKLER HEADS SHALL BE SELECTED BY THE SPRINKLER CONTRACTOR IN ACCORDANCE WITH NFPA-13.
- THE DRAWINGS ARE NOT INTENDED TO SHOW ALL CEILING CONDITIONS, LIGHT FIXTURES, HVAC DIFFUSER, MOLDING, SOFFITS OR ANY OTHER FIXTURES OR EQUIPMENT IN THE CEILINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL LIGHT FIXTURES, HVAC DIFFUSERS, MOLDING, SOFFITS, AND ALL OTHER FIXTURES OR EQUIPMENT IN THE CEILINGS AND SHALL INDICATE THESE CONDITIONS ON THE SPRINKLER SYSTEM SHOP DRAWINGS. THE CONTRACTOR SHALL USE THIS COORDINATION INFORMATION TO LOCATE HEADS IN THE BUILDING AND TO CREATE THE SPRINKLER SYSTEM SHOP DRAWINGS. PRIOR TO CREATING OF THE SPRINKLER SYSTEM SHOP DRAWINGS, THE CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL DRAWINGS TO VERIFY ALL CEILING TYPE AND ELEVATIONS.
- THE CONTRACTOR SHALL PAY ALL FEES, OBTAIN ALL PERMITS AND APPROVALS, AND SHALL FURNISH ALL LABOR AND MATERIALS NEEDED FOR THE COMPLETE INSTALLATION OF ALL FIRE PROTECTION SYSTEMS SHOWN ON THE PLANS.
- THE SPRINKLER CONTRACTOR SHALL CONDUCT A NEW FIRE HYDRANT FLOW TEST IN ORDER TO OBTAIN CURRENT FLOW AND PRESSURE DATA. THE CONTRACTOR SHALL USE THIS NEWLY OBTAINED DATA TO PERFORM HYDRAULIC CALCULATIONS FOR THE SPRINKLER SYSTEM SHOP DRAWINGS. HYDRAULIC CALCULATIONS SHALL BE STAMPED AND SIGNED BY THE CONTRACTOR'S FIRE PROTECTION ENGINEER, AND SHALL BE SUBMITTED WITH THE SPRINKLER SYSTEM SHOP DRAWINGS TO THE LOCAL FIRE DEPARTMENT AND OWNER INSURANCE AUTHORITY FOR FINAL APPROVAL. THIS SHALL BE DONE PRIOR TO THE COMMENCEMENT OF ANY SPRINKLER WORK.
- THE SPRINKLER CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND SHALL PAY ALL FEES AND PERFORM ALL COORDINATION WITH LOCAL WATER AUTHORITY, FIRE DEPARTMENT AND OWNER, THAT IS REQUIRED FOR THE CONDUCTING OF THE NEW FLOW TEST.

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HATTERS POINT
AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**
Location: **PO BOX 1044 SUBURBY, MA 01776**
Title: **FIRE PROTECTION NOTES, LEGEND & ABBREVIATIONS**

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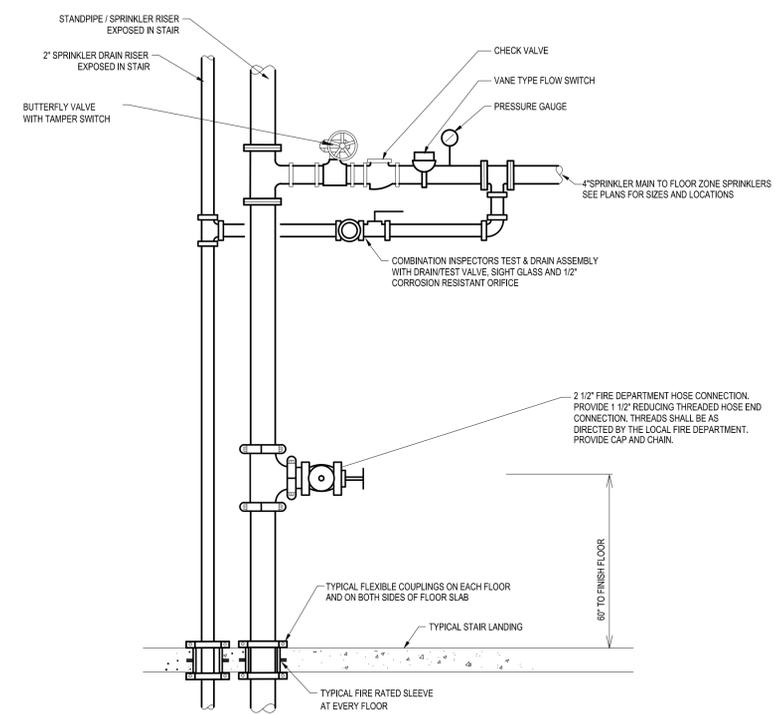
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FP0.01



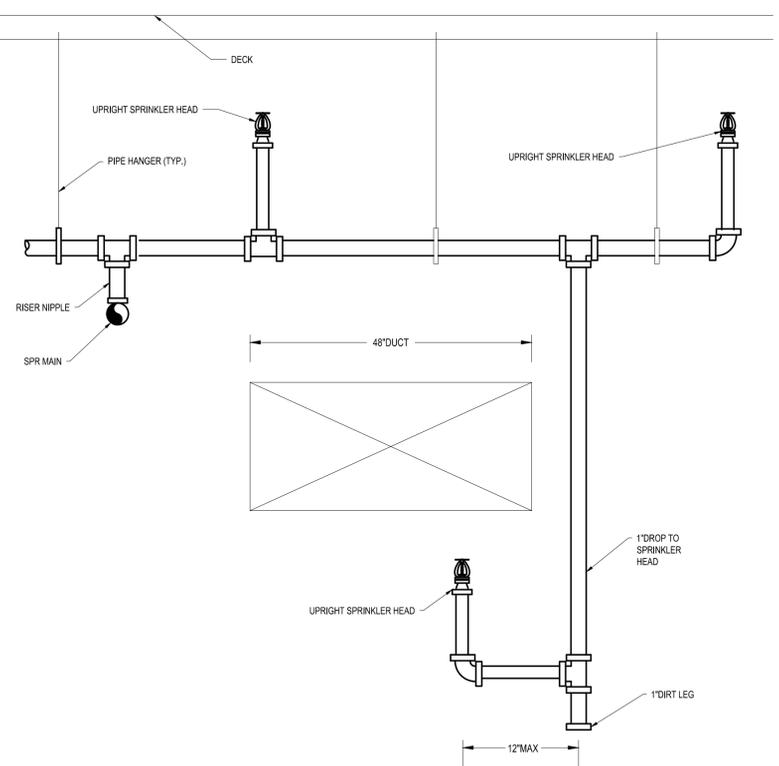
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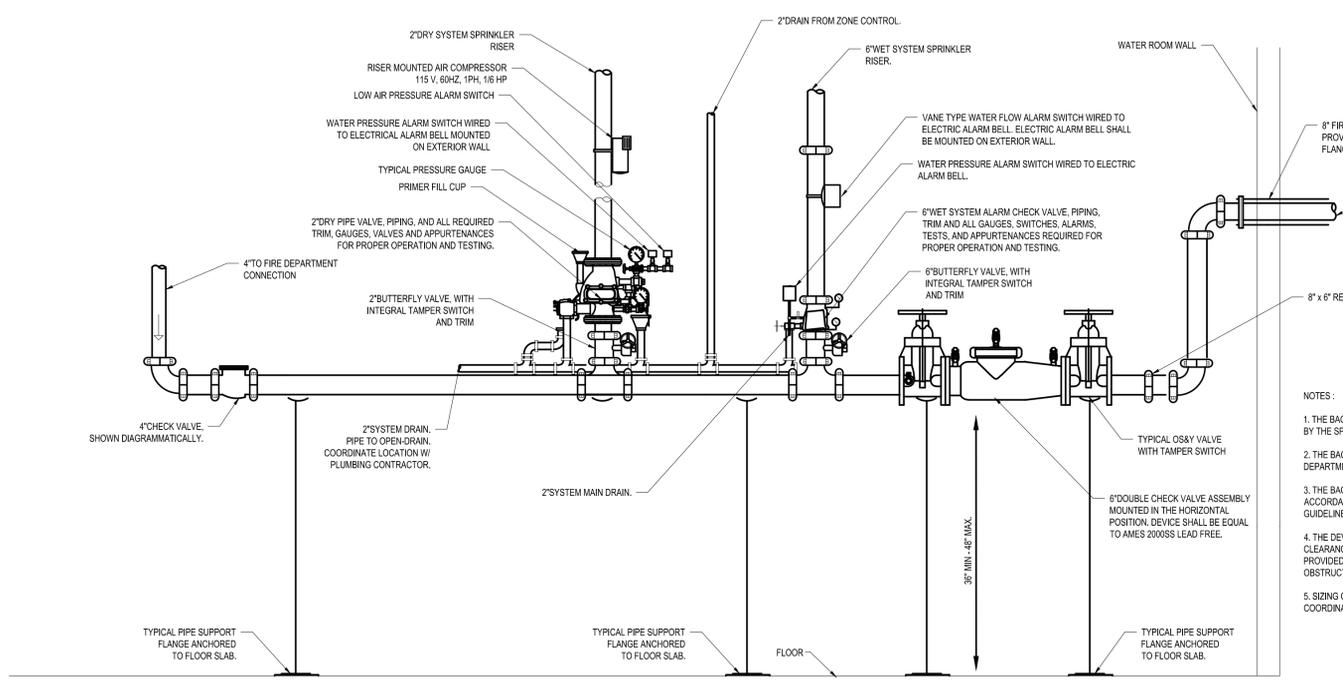
1. FIRE DEPARTMENT HOSE VALVE AND THREADED REDUCER SHALL BE APPROVED BY THE LOCAL FIRE DEPARTMENT PRIOR TO PURCHASE
2. PROVIDE WATER PRESSURE GAUGE AT TOP OF STANDPIPE RISER
3. THE ZONE CONTROL STATION AND ALL ASSOCIATED VALVES, GAUGES AND PIPING, THE STANDPIPE/SPRINKLER RISER AND THE DRAIN RISER SHALL BE INSTALLED EXPOSED IN THE STAIRWAY.

5 TYPICAL EXPOSED FLOOR/ZONE CONTROL STATION
 FP002 NOT TO SCALE



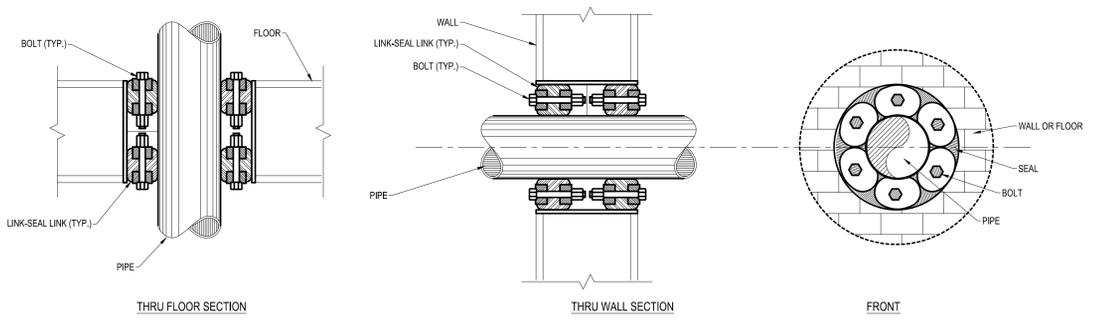
- NOTES:
1. THE DETAIL SHOWN APPLIES ANYWHERE THERE IS DUCT (OR SIMILAR OBSTRUCTION) OVER 48" WIDE OR IF TWO DUCTS, RUNNING PARALLEL, ARE LESS THAN 12" APART AND THE TOTAL WIDTH IS OVER 48". SPRINKLER SPACING SHALL BE 7'-0" ALONG LENGTH OF DUCT.

9 SPRINKLER UNDER DUCTWORK TYPICAL DETAIL
 FP002 NOT TO SCALE



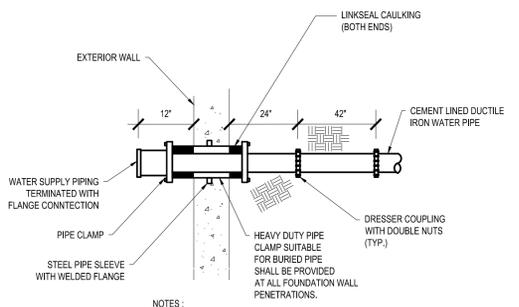
- NOTES:
1. THE BACKFLOW PREVENTER SHALL BE REGISTERED WITH THE LOCAL WATER DEPARTMENT AUTHORITY BY THE SPRINKLER CONTRACTOR PRIOR TO INSTALLATION.
 2. THE BACKFLOW PREVENTER SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE LOCAL WATER DEPARTMENT AUTHORITY REQUIREMENTS.
 3. THE BACKFLOW PREVENTER DEVICE SHALL BE INSTALLED IN THE HORIZONTAL POSITION IN ACCORDANCE WITH THE MANUFACTURERS LISTINGS, APPROVALS, AND ALL LOCAL WATER DEPARTMENT GUIDELINES.
 4. THE DEVICE SHALL BE INSTALLED AGAINST THE WATER ROOM WALL WITH A MINIMUM CLEARANCE OF 12" AWAY FROM THE MOUNTING WALL. THE DEVICE SHALL BE PROVIDED WITH A MINIMUM CLEARANCE OF 36" IN FRONT OF THE DEVICE FROM ANY OBSTRUCTIONS THAT WOULD IMPEDE THE TESTING OF THE DEVICE.
 5. SIZING OF AIR COMPRESSORS SHALL DETERMINED WITH FINAL ROUTING OF SPRINKLER SYSTEMS, COORDINATE WITH ELECTRICAL CONTRACTOR.

8 INCOMING FIRE PROTECTION SERVICE DETAIL
 FP002 NOT TO SCALE



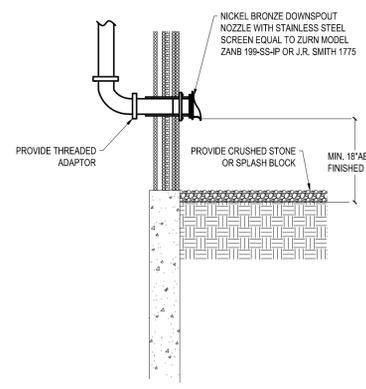
- NOTE:
1. INSTALL LINK-SEAL ON BOTH ENDS OF THE CORE DRILLED OPENING.
 2. PROVIDE PROTECTIVE SLEEVE, COATING AND WRAPPING ON PIPING PENETRATIONS THRU CONCRETE.

3 PIPE SLEEVES THRU WALL / FLOOR
 P0.05 NOT TO SCALE

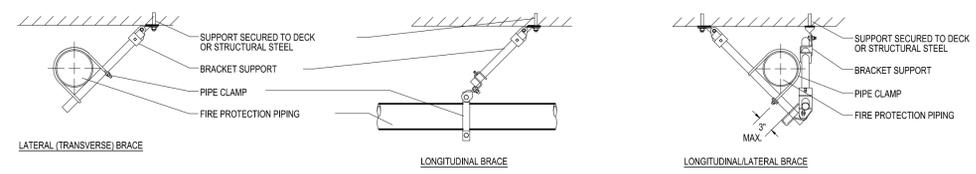


- NOTES:
1. INCOMING WATER SERVICE INSTALLATION SHALL CONFORM TO ALL LOCAL & STATE REGULATIONS.
 2. COORDINATE WITH LOCAL WATER AUTHORITY AND SITE UTILITIES PLAN.
 3. COORDINATE SIZE AND REQUIREMENTS OF PIPING WALL SLEEVES WITH STRUCTURAL PLANS.

1 WATER SERVICE ENTRANCE DETAIL
 FP002 NOT TO SCALE



10 DRAIN THRU WALL DETAIL
 FP002 NOT TO SCALE



- NOTE:
- ALL APPLICABLE SPRINKLER PIPING SYSTEMS SHALL BE SEISMICALLY BRACED AND INSTALLED PER APPLICABLE SECTIONS OF THE STATE BUILDING CODE 8TH EDITION & NFPA 13 LATEST ACCEPTED EDITION.
- SEISMIC BRACING SHALL BE BY TOLCO

4 TYPICAL SEISMIC BRACING DETAIL
 FP002 NOT TO SCALE



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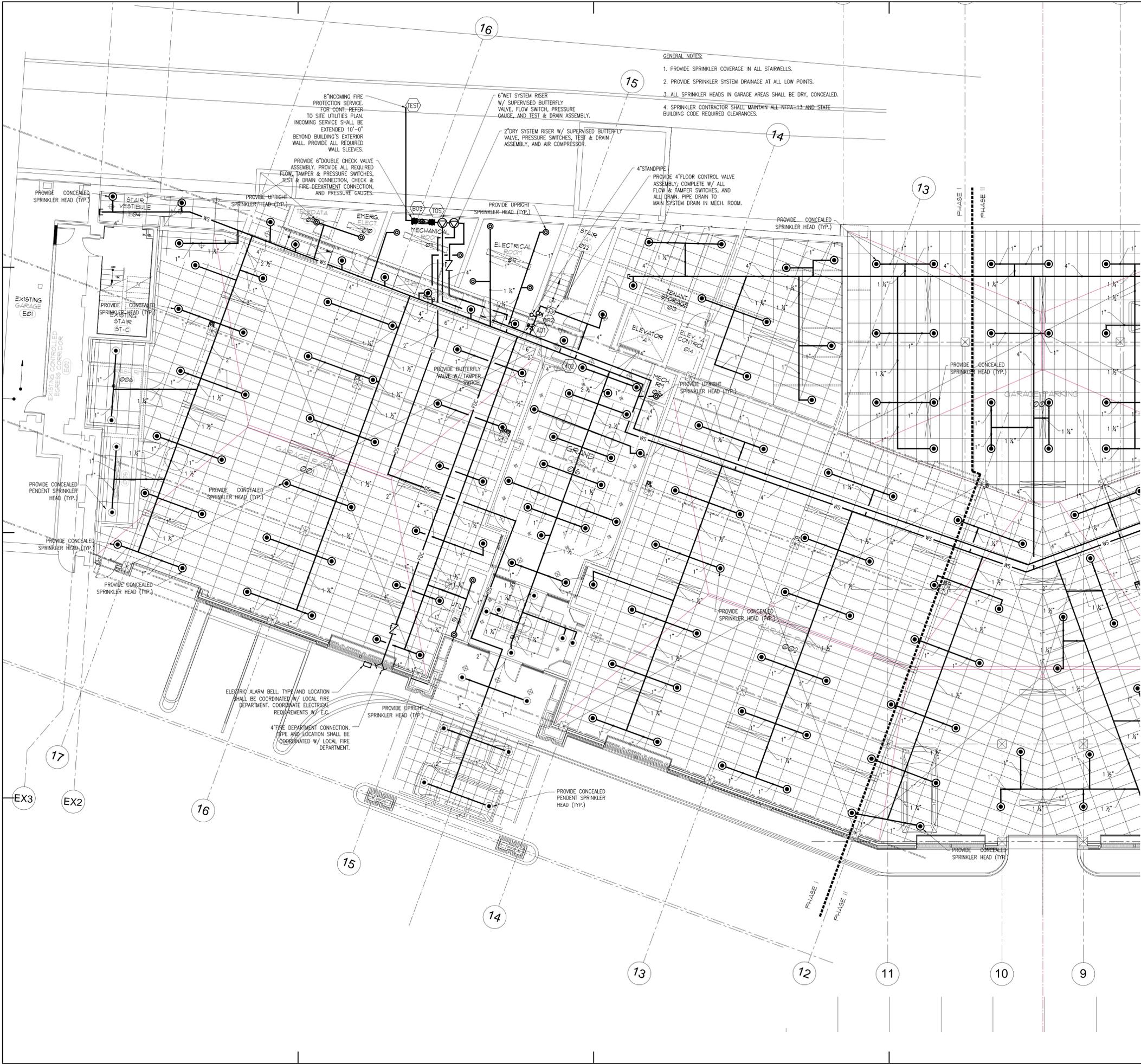
HATTERS POINT
FIRE-PROTECTION GARAGE
LEVEL, PART PLAN "A"
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**
 Location: **PO BOX 1044 SUDBURY, MA 01776**
 Title: **FIRE-PROTECTION GARAGE LEVEL, PART PLAN "A"**

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- GENERAL NOTES:**
1. PROVIDE SPRINKLER COVERAGE IN ALL STAIRWELLS.
 2. PROVIDE SPRINKLER SYSTEM DRAINAGE AT ALL LOW POINTS.
 3. ALL SPRINKLER HEADS IN GARAGE AREAS SHALL BE DRY, CONCEALED.
 4. SPRINKLER CONTRACTOR SHALL MAINTAIN ALL NFPA-13 AND STATE BUILDING CODE REQUIRED CLEARANCES.



GARAGE LEVEL PART PLAN "A"
 SCALE: 1/8"=1'-0"

FP1.0A



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HATTERS POINT
FIRE-PROTECTION GARAGE
LEVEL, PART PLAN "B"
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC.**
 Location: **PO BOX 1044 SUDBURY, MA 01776**
 Title: **FIRE-PROTECTION GARAGE LEVEL, PART PLAN "B"**

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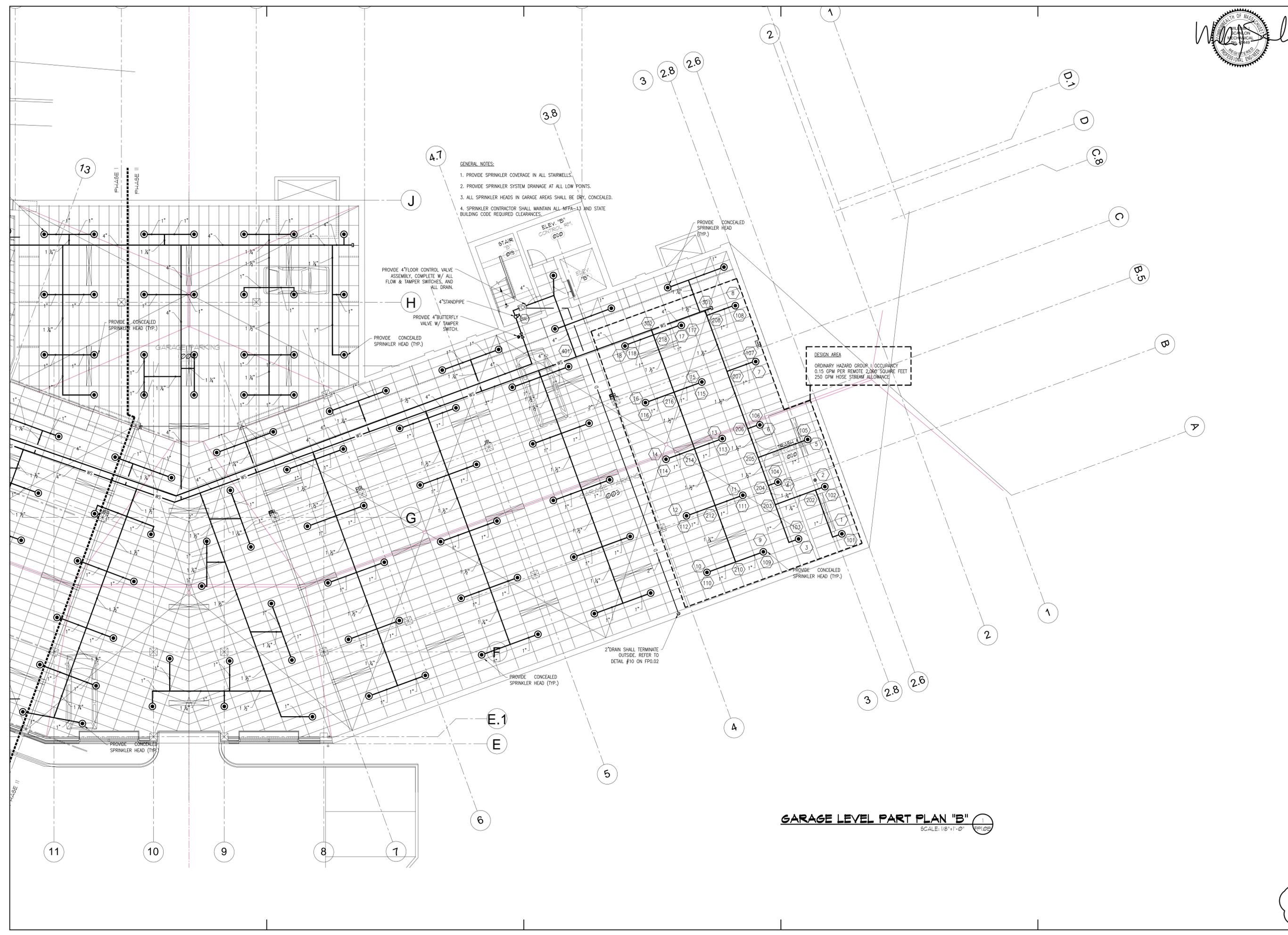
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 2. PROVIDE SPRINKLER SYSTEM DRAINAGE AT ALL LOW POINTS.
 3. ALL SPRINKLER HEADS IN GARAGE AREAS SHALL BE DRY, CONCEALED.
 4. SPRINKLER CONTRACTOR SHALL MAINTAIN ALL NFPA-13 AND STATE BUILDING CODE REQUIRED CLEARANCES.

GARAGE LEVEL PART PLAN "B"
 SCALE: 1/8"=1'-0" 11/15/15

FP1.0B



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**HATTERS
 POINT**
 AMESBURY, MA

Prepared for: **HATTERS POINT CAPITAL LLC**
 Location: **PO BOX 1044 SUDBURY, MA 01776**
 Title: **FIRE-PROTECTION LEVEL-1, PART-PLAN "A"**

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LEVEL | PART PLAN "A"
 SCALE: 1/8"=1'-0"

FP1.1A



NOTES:
 1. PROVIDE SPRINKLER COVERAGE IN INTERSTITIAL SPACE ABOVE CEILING.
 2. PROVIDE SPRINKLER COVERAGE IN STAIRWELL.

TEMPORARY EGRESS STAIR AT END OF PHASE I CONSTRUCTION. PROVIDE SPRINKLER COVERAGE FOR TEMPORARY EGRESS STAIR.

+22.83

+23.00

EXISTING BLDG #6 STAIRS

UNIT TYPE 'A'

PROVIDE DRY-HEAD SPRINKLER COVERAGE UNDER BALCONY (TYP. FOR ALL)

PROVIDE DRY-HEAD SPRINKLER COVERAGE UNDER BALCONY (TYP. FOR ALL)

PROVIDE DRY-HEAD SPRINKLER COVERAGE UNDER BALCONY (TYP. FOR ALL)

PHASE I

PHASE II

4" FLOOR CONTROL ASSEMBLY, COMPLETE W/ FLOW & TAMPER SWITCHES, AND ALL DRAIN.

2" DRAIN RISER, 4" STANDPIPE RISER, 2" PIPE DEPARTMENT VALVE CONNECTION.

EXISTING FOYER

EXISTING BLDG #6 STAIRS

UNIT TYPE 'A'

UNIT TYPE 'B'

UNIT TYPE 'C'

UNIT TYPE 'D'

UNIT TYPE 'E'

UNIT TYPE 'F'

UNIT TYPE 'G'

UNIT TYPE 'H'

UNIT TYPE 'I'

UNIT TYPE 'J'

UNIT TYPE 'K'

UNIT TYPE 'L'

UNIT TYPE 'M'

UNIT TYPE 'N'

UNIT TYPE 'O'

UNIT TYPE 'P'

UNIT TYPE 'Q'

UNIT TYPE 'R'

UNIT TYPE 'S'

UNIT TYPE 'T'

UNIT TYPE 'U'

UNIT TYPE 'V'

UNIT TYPE 'W'

UNIT TYPE 'X'

UNIT TYPE 'Y'

UNIT TYPE 'Z'

UNIT TYPE 'AA'

UNIT TYPE 'AB'

UNIT TYPE 'AC'

UNIT TYPE 'AD'

UNIT TYPE 'AE'

UNIT TYPE 'AF'

UNIT TYPE 'AG'

UNIT TYPE 'AH'

UNIT TYPE 'AI'

UNIT TYPE 'AJ'

UNIT TYPE 'AK'

UNIT TYPE 'AL'

UNIT TYPE 'AM'

UNIT TYPE 'AN'

UNIT TYPE 'AO'

UNIT TYPE 'AP'

UNIT TYPE 'AQ'

UNIT TYPE 'AR'

UNIT TYPE 'AS'

UNIT TYPE 'AT'

UNIT TYPE 'AU'

UNIT TYPE 'AV'

UNIT TYPE 'AW'

UNIT TYPE 'AX'

UNIT TYPE 'AY'

UNIT TYPE 'AZ'

UNIT TYPE 'BA'

UNIT TYPE 'BB'

UNIT TYPE 'BC'

UNIT TYPE 'BD'

UNIT TYPE 'BE'

UNIT TYPE 'BF'

UNIT TYPE 'BG'

UNIT TYPE 'BH'

UNIT TYPE 'BI'

UNIT TYPE 'BJ'

UNIT TYPE 'BK'

UNIT TYPE 'BL'

UNIT TYPE 'BM'

UNIT TYPE 'BN'

UNIT TYPE 'BO'

UNIT TYPE 'BP'

UNIT TYPE 'BQ'

UNIT TYPE 'BR'

UNIT TYPE 'BS'

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UNIT TYPE 'EA'

UNIT TYPE 'EB'

UNIT TYPE 'EC'

UNIT TYPE 'ED'

UNIT TYPE 'EE'

UNIT TYPE 'EF'

UNIT TYPE 'EG'

UNIT TYPE 'EH'



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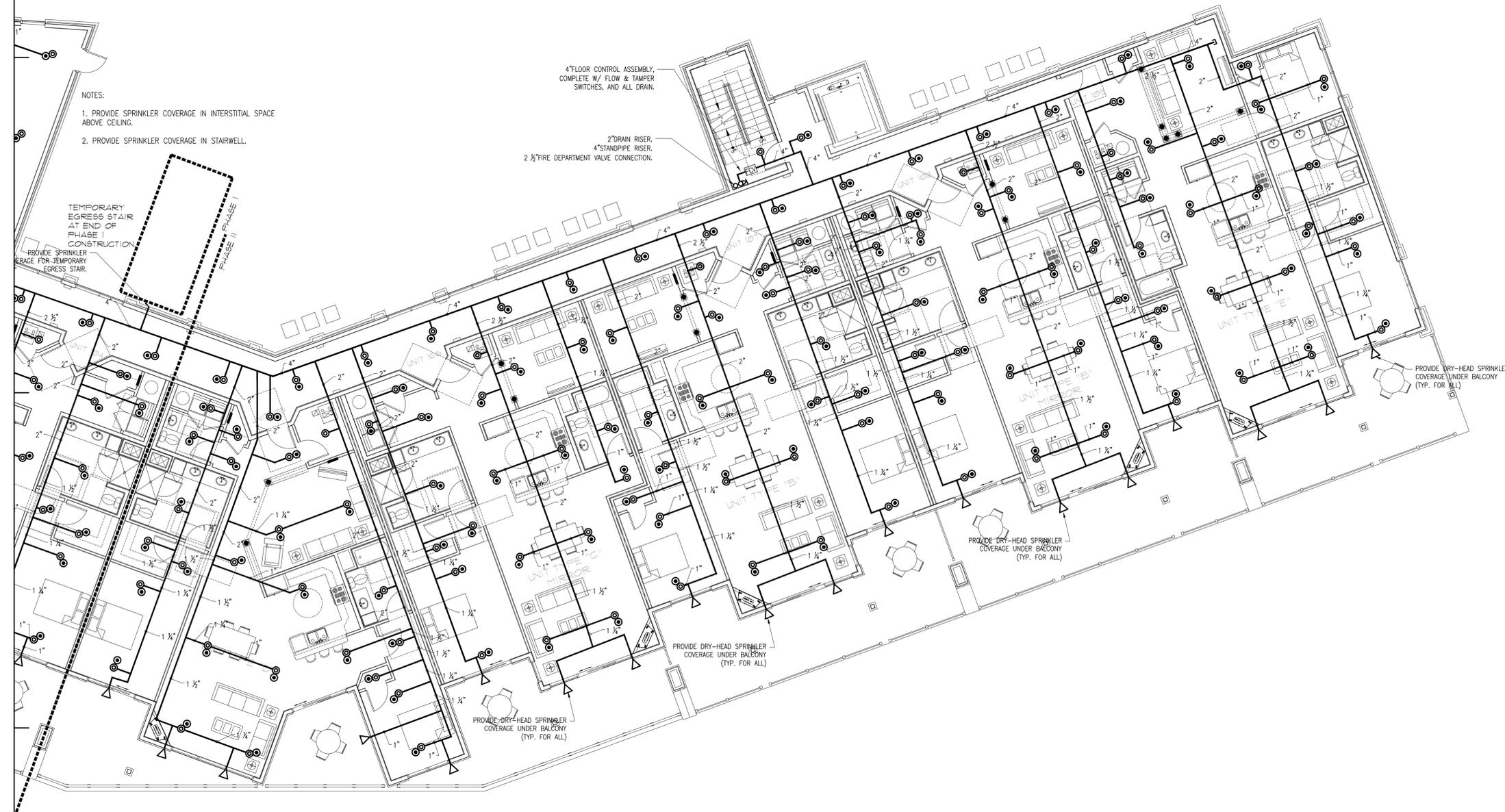
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Prepared for: **HATTERS POINT CAPITAL LLC.**
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FP1.1B



LEVEL 1 PART PLAN "B"
 SCALE: 1/8"=1'-0"



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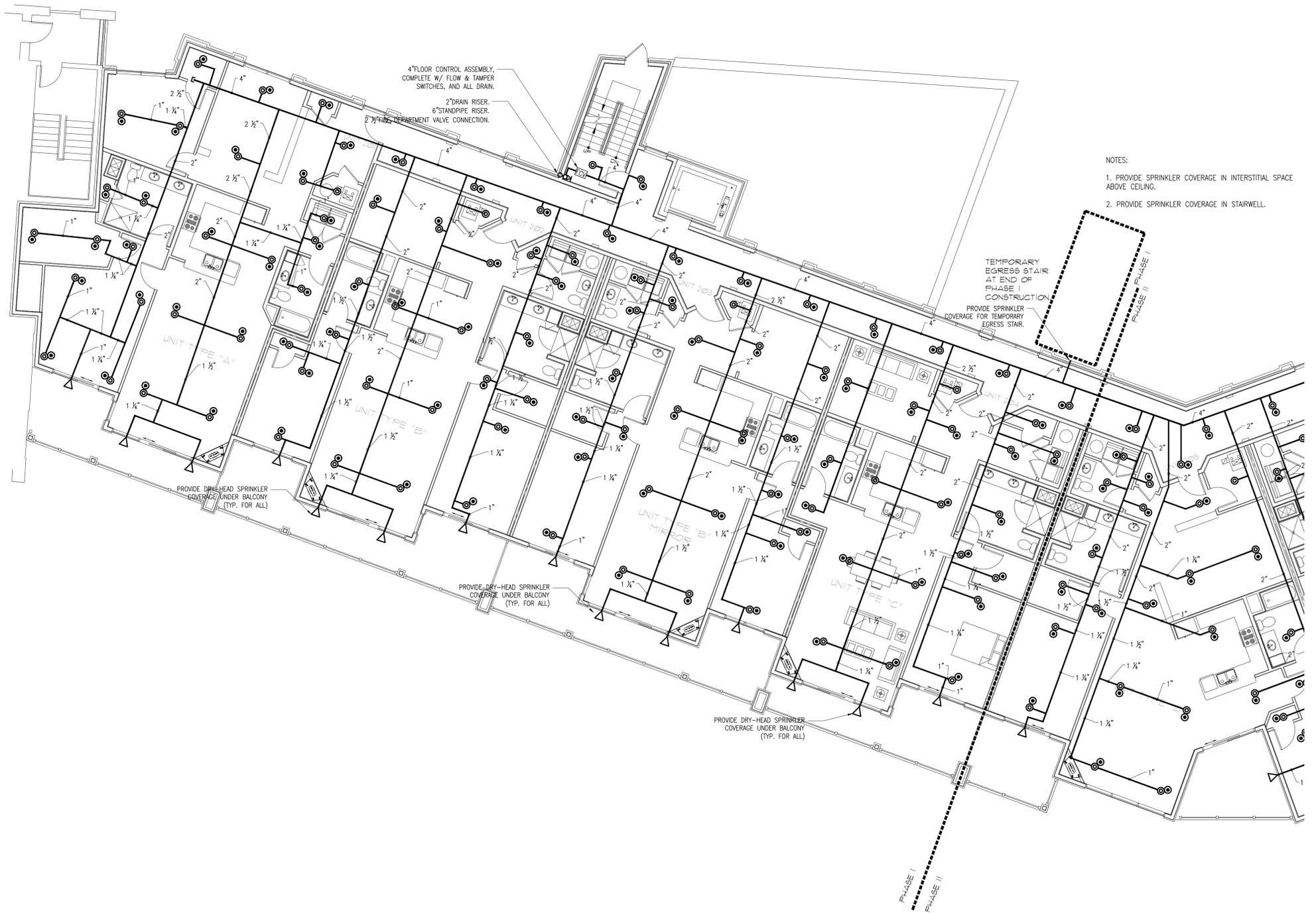
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LEVEL 2 PART PLAN "A"
 SCALE: 1/8"=1'-0"

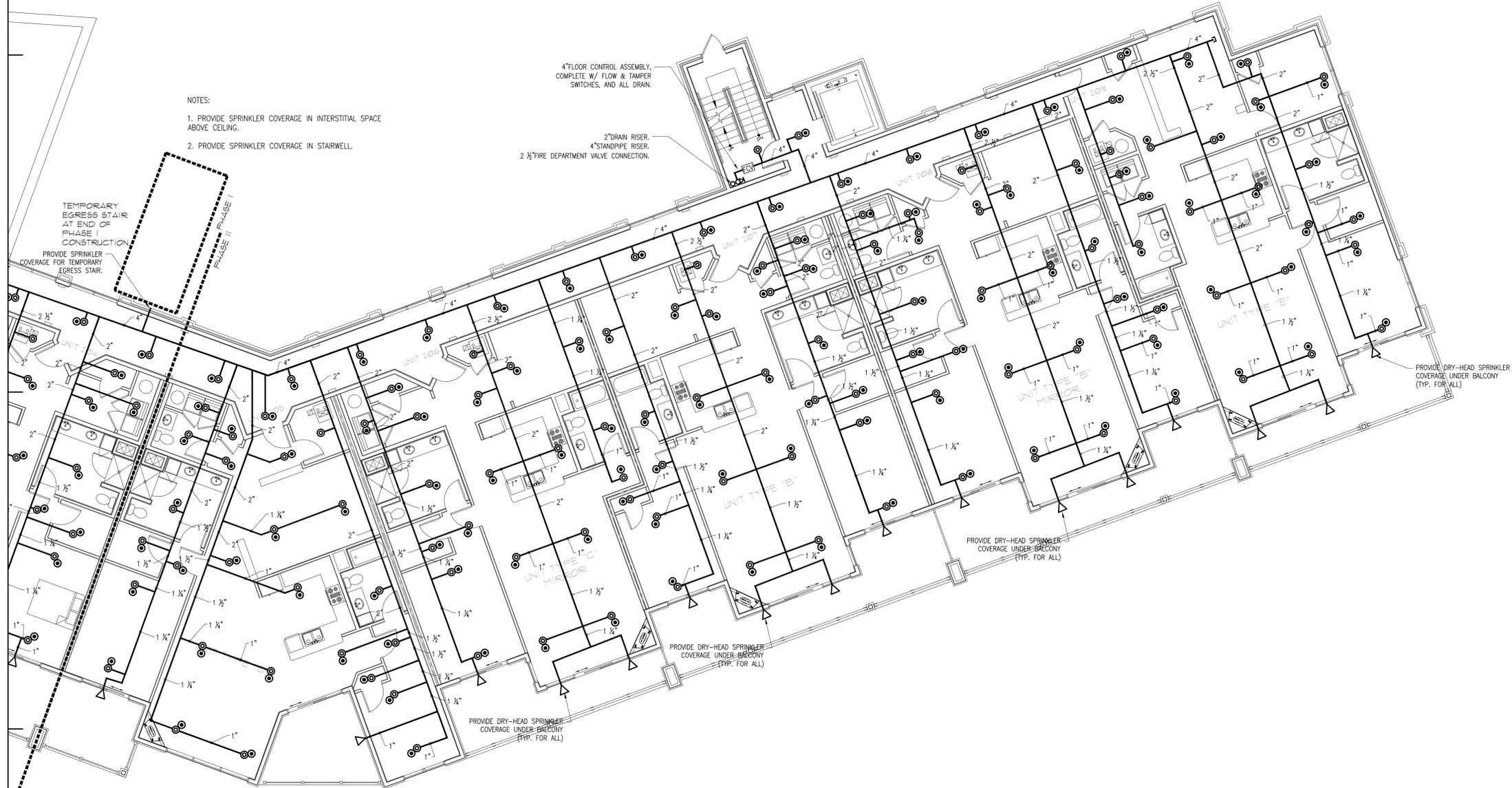


- NOTES:
1. PROVIDE SPRINKLER COVERAGE IN INTERSTITIAL SPACE ABOVE CEILING.
 2. PROVIDE SPRINKLER COVERAGE IN STAIRWELL.

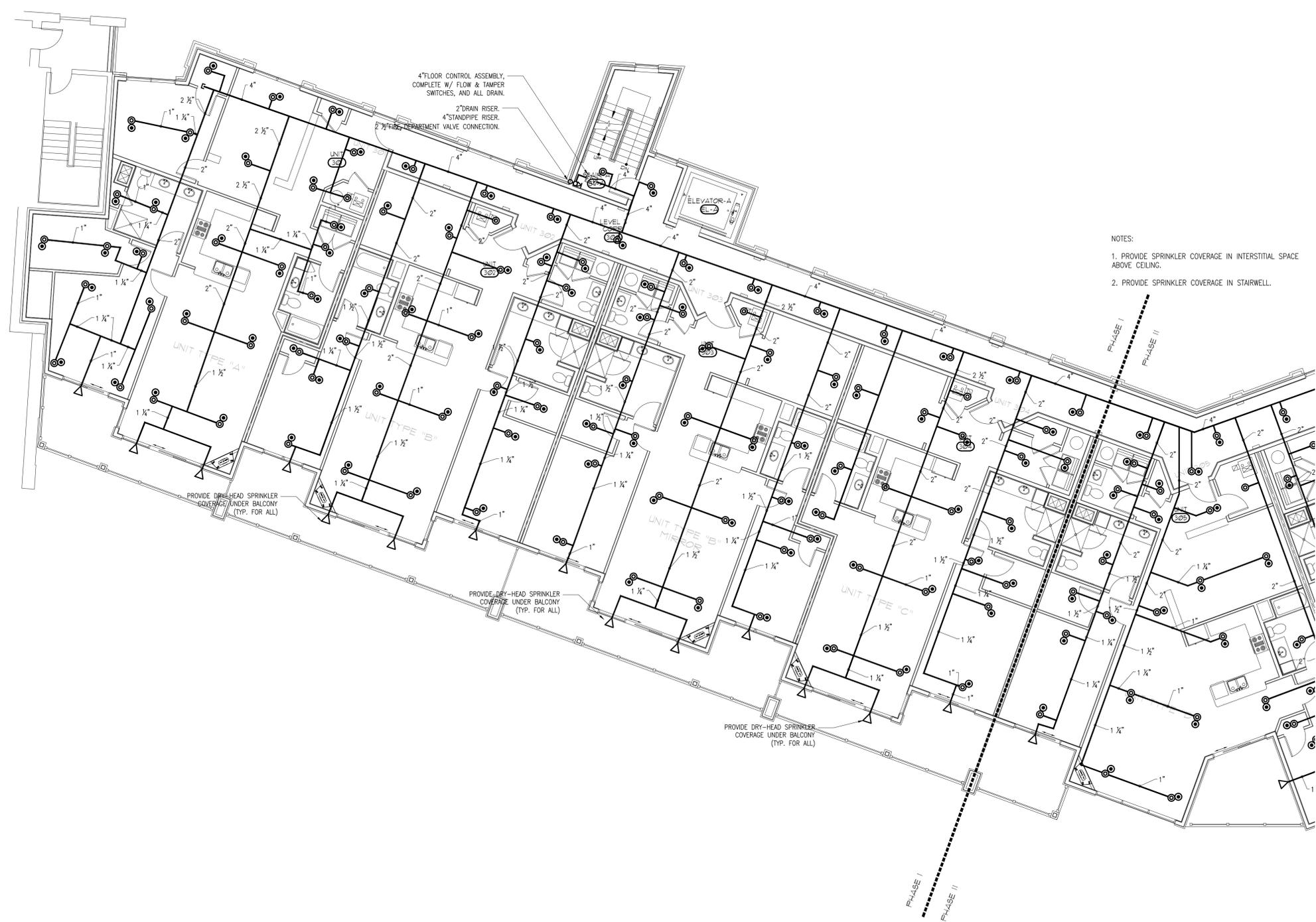


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LEVEL 2 PART PLAN "B"
 SCALE: 1/8"=1'-0"



- NOTES:
1. PROVIDE SPRINKLER COVERAGE IN INTERSTITIAL SPACE ABOVE CEILING.
 2. PROVIDE SPRINKLER COVERAGE IN STAIRWELL.

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LEVEL 3 PART PLAN "A"
 SCALE: 1/8"=1'-0"

FP1.3A



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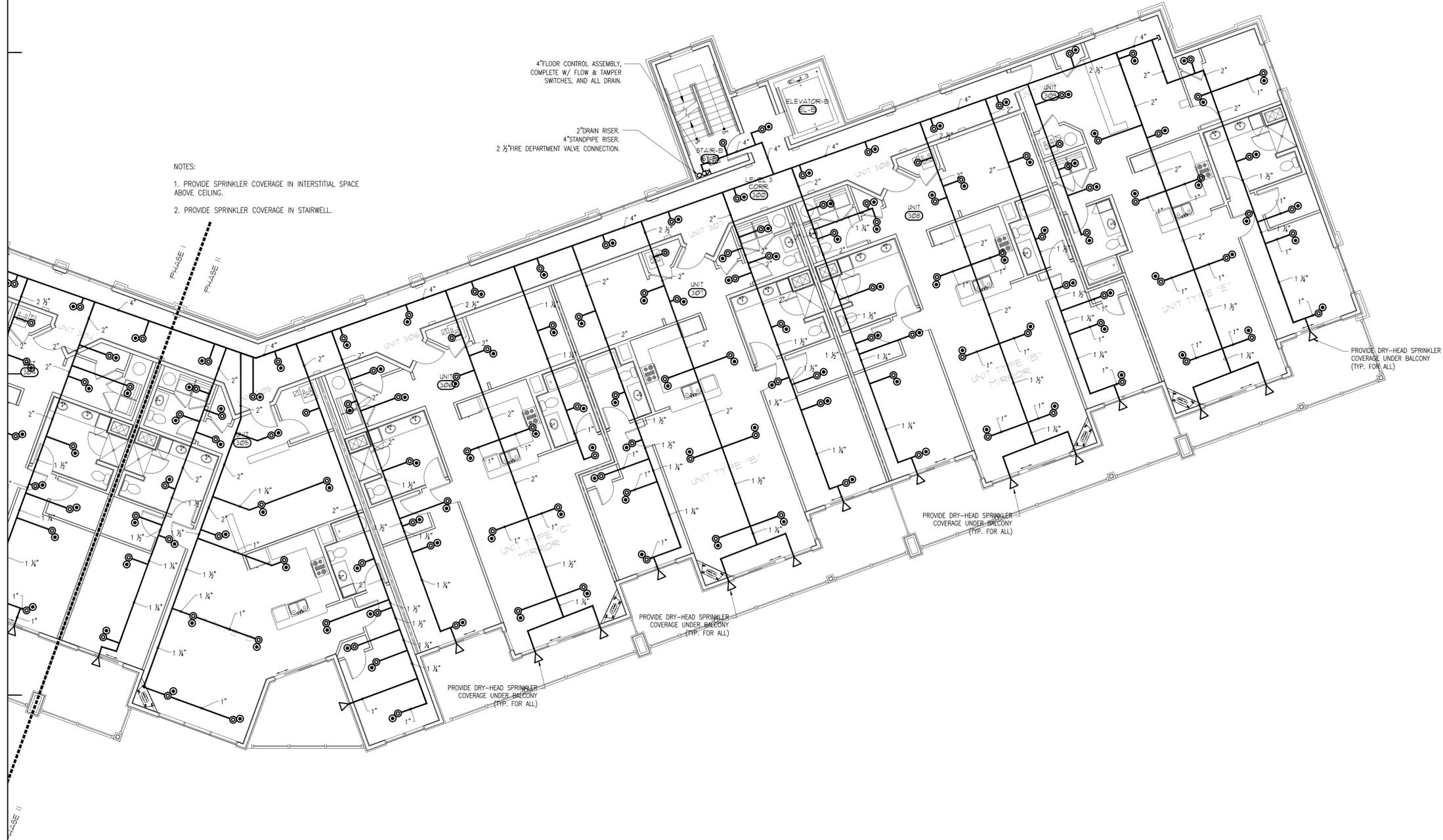
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FP1.3B



- NOTES:
1. PROVIDE SPRINKLER COVERAGE IN INTERSTITIAL SPACE ABOVE CEILING.
 2. PROVIDE SPRINKLER COVERAGE IN STAIRWELL.

LEVEL 3 PART PLAN "B"
 SCALE: 1/8"=1'-0" EPI.3B



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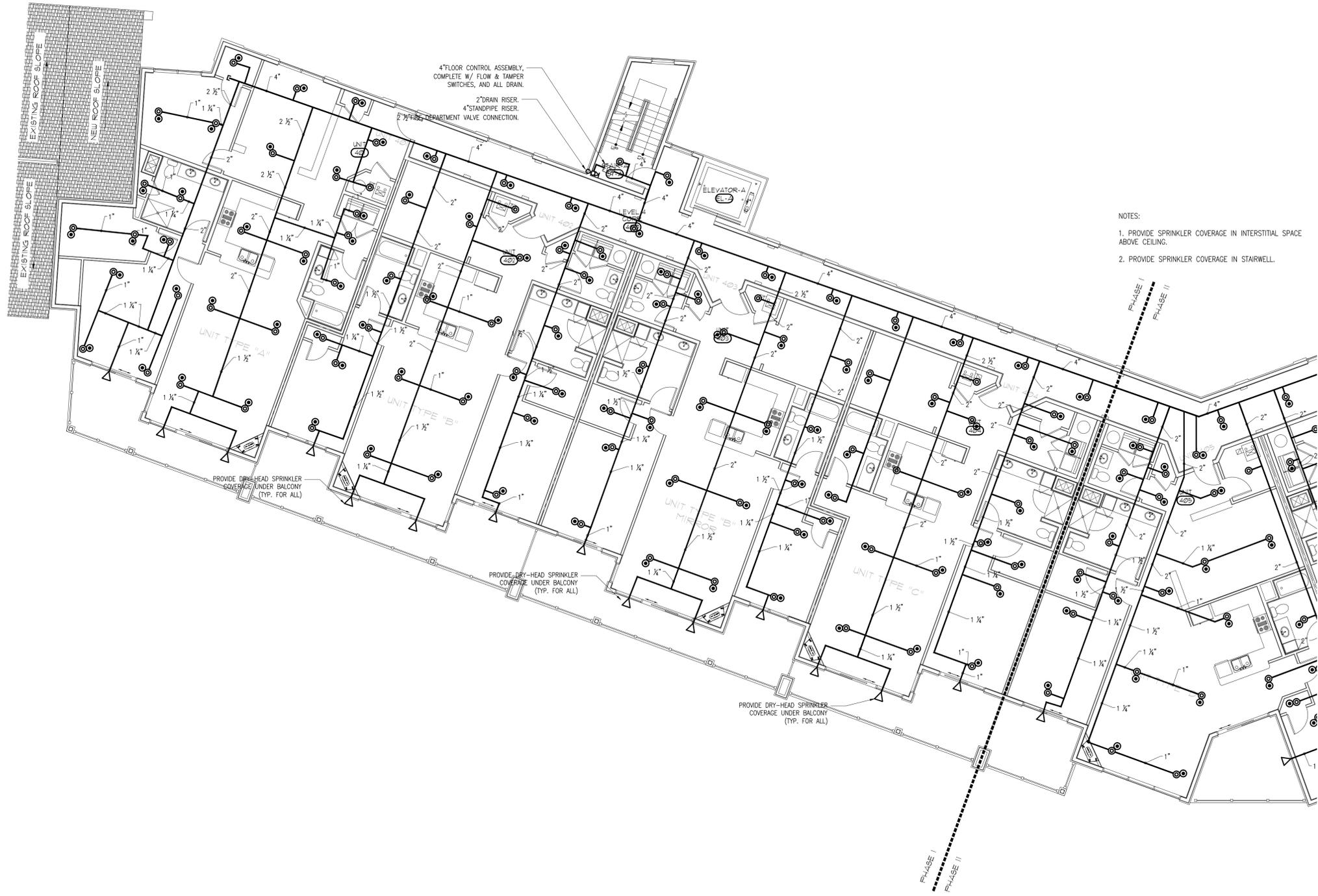
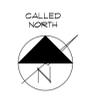
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- NOTES:
1. PROVIDE SPRINKLER COVERAGE IN INTERSTITIAL SPACE ABOVE CEILING.
 2. PROVIDE SPRINKLER COVERAGE IN STAIRWELL.

LEVEL 4 PART PLAN "A"
 SCALE: 1/8" = 1'-0"

FP1.4A



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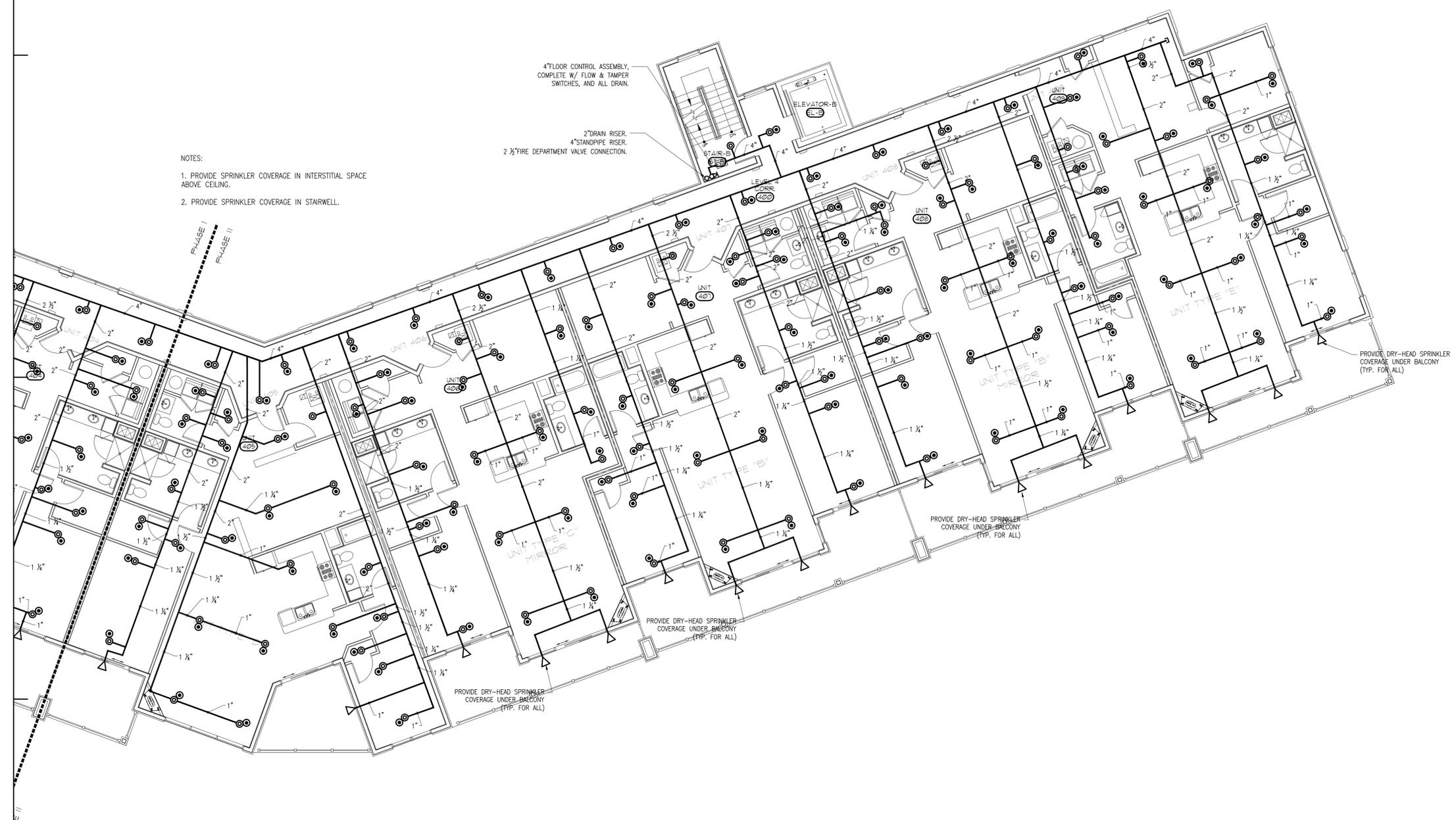
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FP1.4B



- NOTES:
1. PROVIDE SPRINKLER COVERAGE IN INTERSTITIAL SPACE ABOVE CEILING.
 2. PROVIDE SPRINKLER COVERAGE IN STAIRWELL.

LEVEL 4 PART PLAN "B"
 SCALE: 1/8"=1'-0"



HATTERS POINT

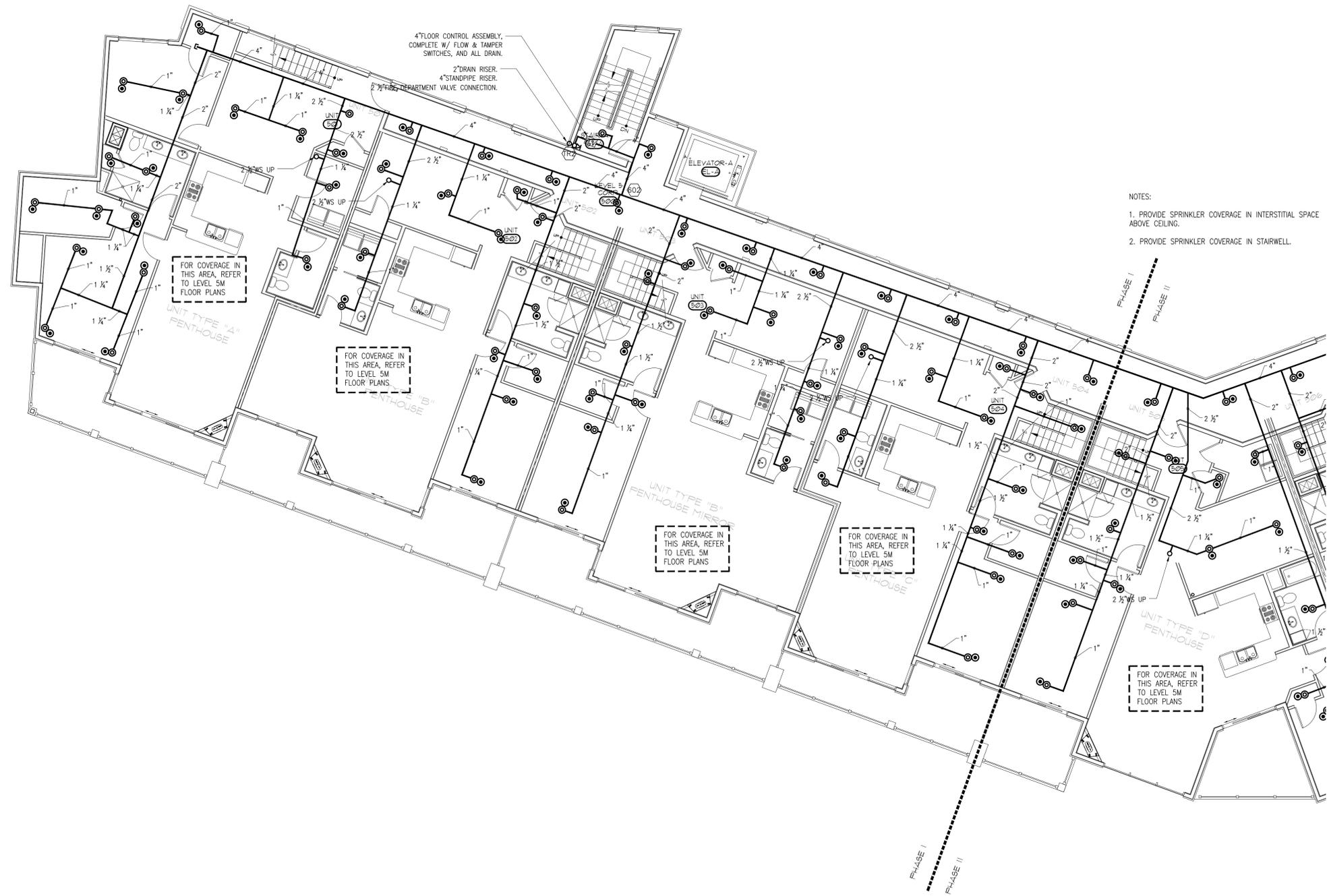
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LEVEL 5 PART PLAN "A"
SCALE: 1/8" = 1'-0"



- NOTES:
1. PROVIDE SPRINKLER COVERAGE IN INTERSTITIAL SPACE ABOVE CEILING.
 2. PROVIDE SPRINKLER COVERAGE IN STAIRWELL.

FP1.5A



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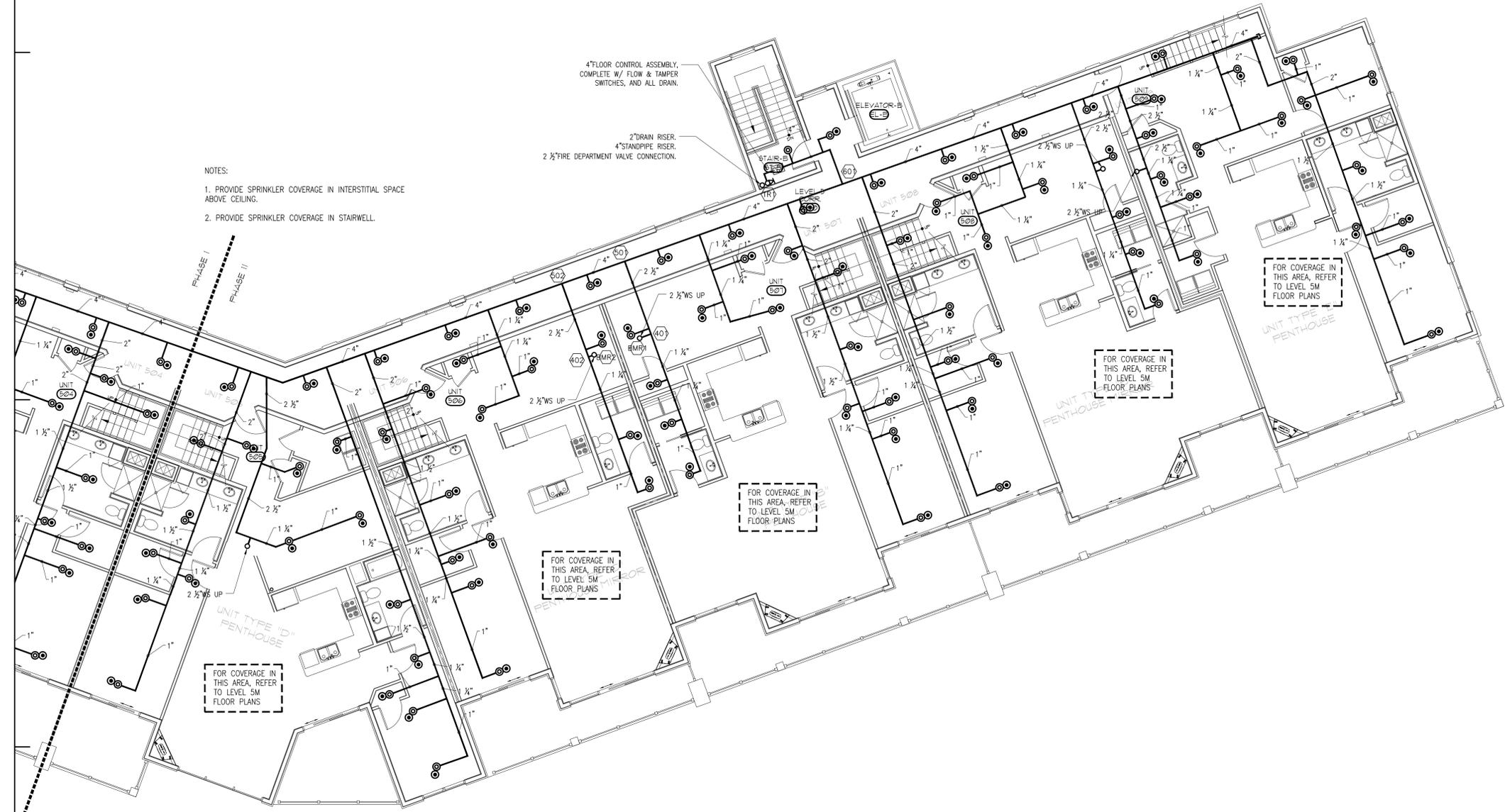
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FP1.5B



- NOTES:
1. PROVIDE SPRINKLER COVERAGE IN INTERSTITIAL SPACE ABOVE CEILING.
 2. PROVIDE SPRINKLER COVERAGE IN STAIRWELL.

4\"/>

FOR COVERAGE IN THIS AREA, REFER TO LEVEL 5M FLOOR PLANS

FOR COVERAGE IN THIS AREA, REFER TO LEVEL 5M FLOOR PLANS

FOR COVERAGE IN THIS AREA, REFER TO LEVEL 5M FLOOR PLANS

FOR COVERAGE IN THIS AREA, REFER TO LEVEL 5M FLOOR PLANS

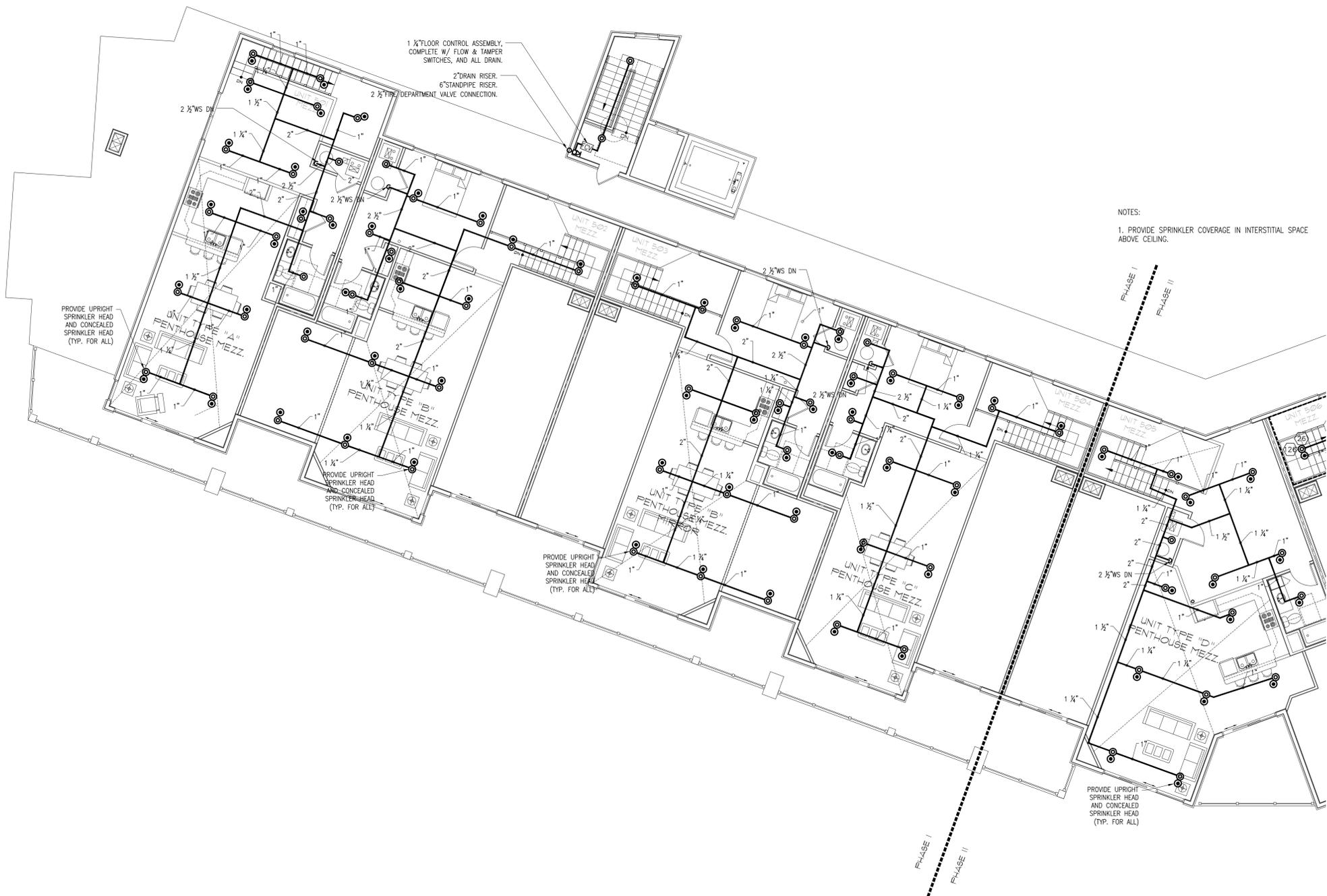
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LEVEL 5 PART PLAN "B"
 SCALE: 1/8"=1'-0"



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NOTES:
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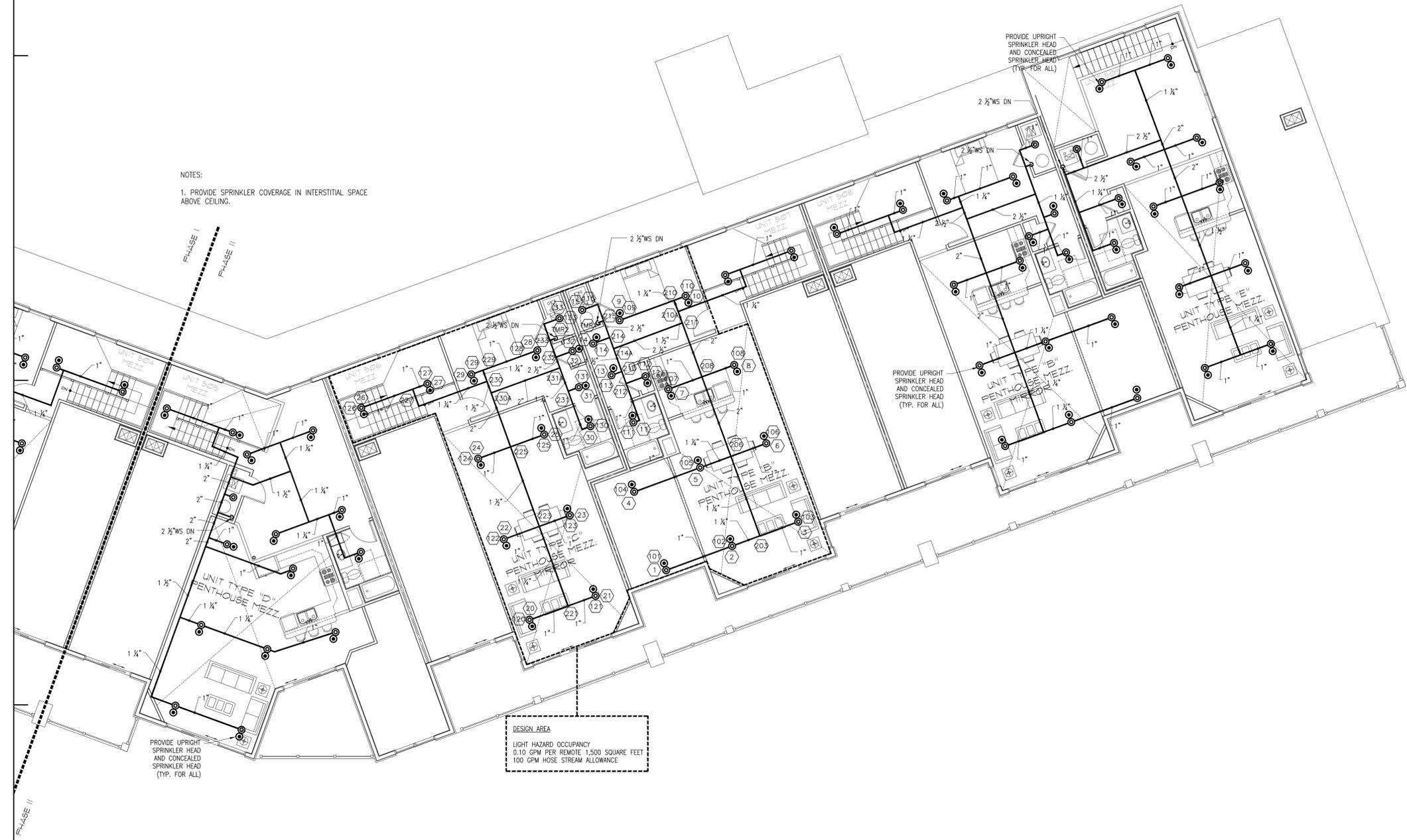
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NOTES:
 1. PROVIDE SPRINKLER COVERAGE IN INTERSTITIAL SPACE ABOVE CEILING.

PHASE I
 PHASE II

PROVIDE UPRIGHT SPRINKLER HEAD AND CONCEALED SPRINKLER HEAD (TYP. FOR ALL)

DESIGN AREA
 LIGHT HAZARD OCCUPANCY
 0.10 GPM PER REMOTE 1,500 SQUARE FEET
 100 GPM HOSE STREAM ALLOWANCE

LEVEL 5M PART PLAN "B"
 SCALE: 1/8"=1'-0"