

ALTERATION

JOHNSTOWN, PENNSYLVANIA

GENERAL BUILDING DESCRIPTION:

- BUILDING TYPE: COMMERCIAL MIXED-USE

SCOPE OF WORK:

- ELECTRICAL
- PLUMBING
- MECHANICAL
- FIRE ALARM

PROJECT: COMMERCIAL MIXED-USE ALTERATION
ADDRESS: 508 MAIN STREET, JOHNSTOWN, PA 15901

APPLICABLE CODES

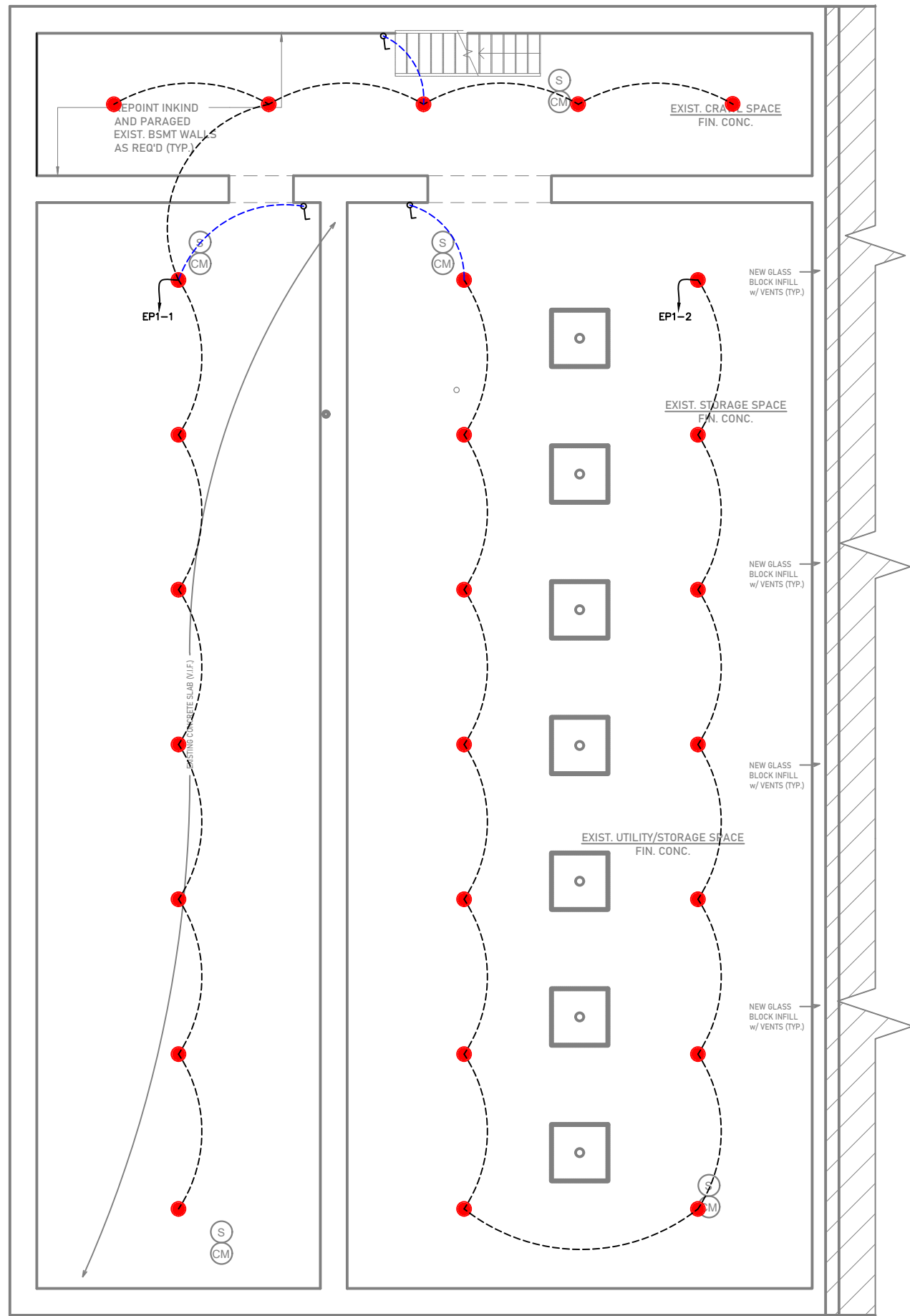
- 2021 INTERNATIONAL BUILDING CODE, AS ADOPTED/AMENDED BY PA UCC.
- 2021 INTERNATIONAL EXISTING BUILDING CODE, AS ADOPTED/AMENDED BY PA UCC.
- 2021 INTERNATIONAL PLUMBING CODE, AS ADOPTED/AMENDED BY PA UCC.
- 2021 INTERNATIONAL MECHANICAL CODE, AS ADOPTED/AMENDED BY PA UCC.
- 2021 INTERNATIONAL FUEL GAS CODE, AS ADOPTED/AMENDED BY PA UCC.
- 2021 INTERNATIONAL FIRE CODE, AS REFERENCED/ADOPTED BY PA UCC.
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE, AS ADOPTED/AMENDED BY PA UCC.
- 2020 NATIONAL ELECTRICAL CODE, NFPA 70, AS REFERENCED BY THE ADOPTED PA UCC CODE CYCLE.
- 2018 IBC CHAPTER 11 / 2009 ICC A117.1 ACCESSIBILITY PROVISIONS, WHERE APPLICABLE UNDER PA UCC ACCESSIBILITY ENFORCEMENT.
- CITY OF JOHNSTOWN FLOODPLAIN ORDINANCE AND LOCAL AMENDMENTS.

INDEX TO DRAWINGS

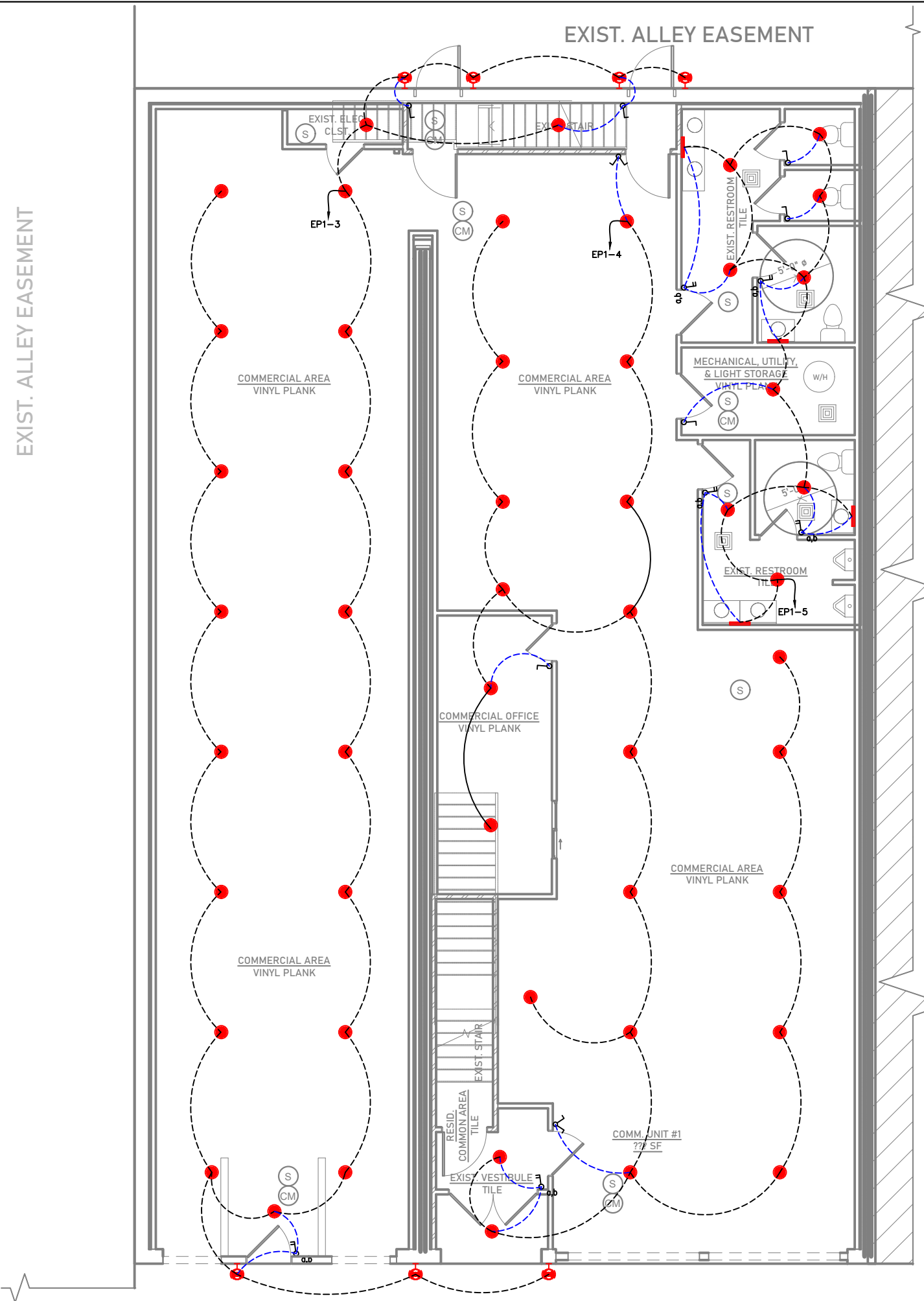
SHEET NUMBER	SHEET NAME		
ELECTRICAL			MECHANICAL
JS-EL-00	COVER SHEET	JS-ME-01	NOTES
JS-EL-01	NOTES	JS-ME-02	FIRST, SECOND, THIRD FLOORS & ROOF TOP HVAC PLANS
JS-EL-02	BASEMENT, FIRST, SECOND & THIRD FLOOR LIGHTING PLANS	JS-ME-03	HVAC DETAILS & MECHANICAL SCHEDULE
JS-EL-03	BASEMENT, FIRST, SECOND, THIRD FLOOR POWER PLANS & SINGLE LINE DIAGRAM		FIRE ALARM
JS-EL-04	PANEL SCHEDULES	JS-FA-01	BASEMENT, FIRST, SECOND, THIRD FLOOR FIRE ALARM PLANS

BASIC ELECTRICAL REQUIREMENTS:

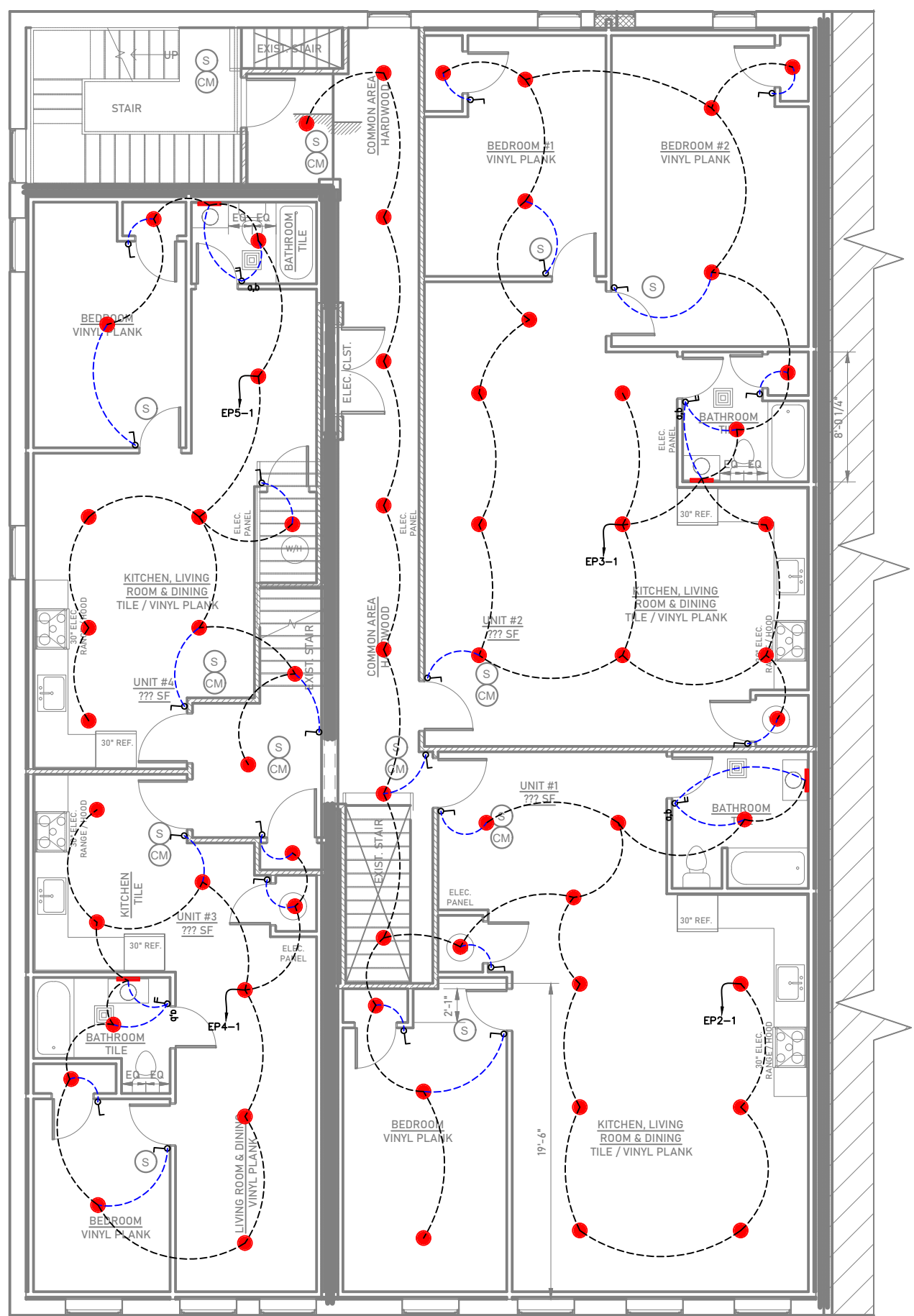
1. GENERAL: ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) STANDARDS UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED. ALL ELECTRICAL WORK SHALL COMPLY WITH ADA RECOMMENDATIONS. ALL ELECTRICAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMAN LIKE MANNER BY A LICENSED ELECTRICIAN, OR A CERTIFIED APPRENTICE WORKING UNDER THE DIRECT SUPERVISION OF A LICENSED ELECTRICIAN, USING THE BEST METHODS KNOWN TO THE TRADE AND SHALL PRESENT A NEAT AND PROFESSIONAL APPEARANCE WHEN COMPLETED. THE OWNER RESERVES THE RIGHT TO CHANGE, WITHOUT ADDITIONAL COST, THE LOCATION OF ANY APPARATUS OR OUTLET, PROVIDED SUCH CHANGE DOES NOT ADD MORE THAN 10 FT TO THE FEEDER AND IS ORDERED BEFORE THE AFFECTED PORTION OF THE WORK IS COMMENCED. THE CONTRACTOR SHALL BRING ALL CONFLICTS ON THE DRAWINGS TO THE OWNERS ATTENTION FOR HIS RESOLUTION PRIOR TO PERFORMING THAT WORK.
2. THE CONTRACTOR SHALL SURVEY THE PROJECT SITE PRIOR TO THE BID TO ASSESS ACTUAL FIELD CONDITIONS, FAILURE TO PERFORM THIS INSPECTION BINDS THE CONTRACTOR TO PERFORM THE WORK WITHOUT EXTRA CHARGES DESPITE THE IGNORANCE OF REASONABLY ANTICIPATED CONDITIONS.
3. ROUGH-INS: THE CONTRACTOR SHALL VERIFY AND COORDINATE THE ROUGH-IN REQUIREMENTS OF EACH ITEM OF EQUIPMENT WITH THE CONTRACTOR SUPPLYING THE EQUIPMENT.
4. INSTALLATION: THE ELECTRICAL DRAWINGS INDICATE THE EXTENT AND GENERAL LOCATION AND ARRANGEMENT OF EQUIPMENT AND MATERIALS. THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL DETAILS OF THE WORK AND VERIFY ALL DIMENSIONS IN THE FIELD SO THAT EQUIPMENTS AND MATERIALS WILL BE PROPERLY LOCATED AND READILY ACCESSIBLE. THE CONTRACTOR SHALL SEQUENCE, COORDINATE, AND INTEGRATE THE VARIOUS ELEMENTS OF ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS, COMPLY WITH THE FOLLOWING REQUIREMENTS:
- A. VERIFY ALL DIMENSIONS BY FIELD MEASUREMENTS.
- B. COORDINATE ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS INSTALLATION WITH OTHER BUILDING COMPONENTS AND TRADES.
- C. ARRANGE FOR CHASES, SLOTS, AND OPENINGS IN OTHER BUILDING COMPONENTS DURING PROGRESS OF CONSTRUCTION, TO ALLOW FOR INSTALLATION OF ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS.
- D. SEQUENCE, COORDINATE, AND INTEGRATE INSTALLATION OF ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS FOR EFFICIENT FLOW OF THE WORK.
- E. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, INSTALL ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS TO PROVIDE MAXIMUM HEADROOM POSSIBLE.



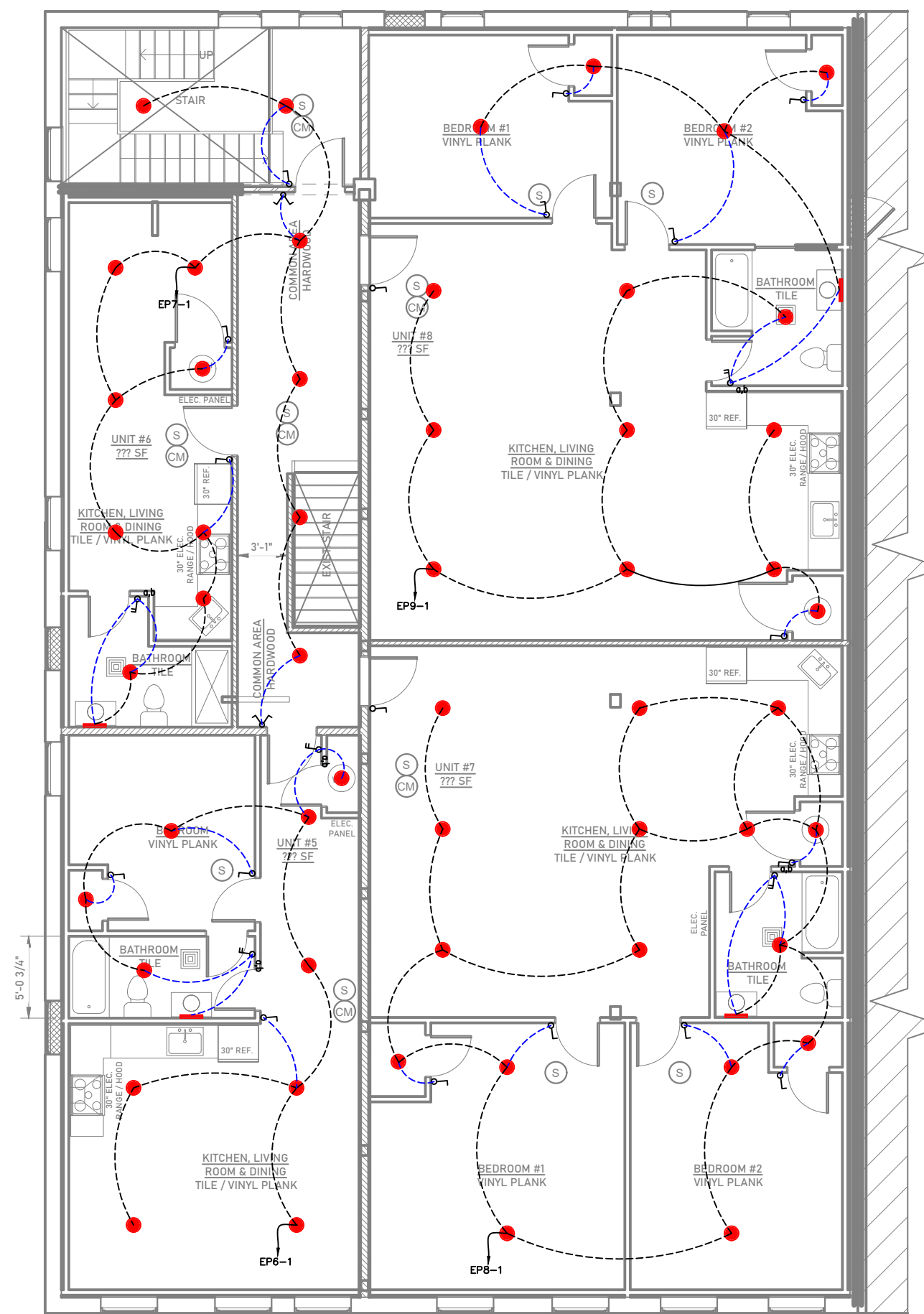
BASEMENT FLOOR LIGHTING PLAN
SCALE 3" = 1'-0"



FIRST FLOOR LIGHTING PLAN
SCALE 3" = 1'-0"



SECOND FLOOR LIGHTING PLAN
SCALE 3" = 1'-0"



THIRD FLOOR LIGHTING PLAN
SCALE 3" = 1'-0"

GENERAL ELECTRICAL NOTES
1- ELECTRICAL CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS & MAKE ANY NECESSARY ADJUSTMENTS
2- SMALLEST WIRE & SIZE TO BE 14-2
3- ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE & ANY OTHER APPLICABLE REGULATIONS OR CODES, AT THE SITE
4- CONTRACTOR TO LOCATE PHONE, CABLE, ETC. AS PER OWNER'S SPECIFICATIONS.
LEGEND NOTES
+ VERIFY ALL MOUNTING HEIGHTS OF WALL MOUNTED LIGHT FIXTURES
○ TYPICAL MOUNTING HEIGHTS FOR OUTLETS - CENTERLINE 18" AFF (EXCEPT WHERE NOTED OTHERWISE)
\$ MAXIMUM HEIGHT FOR ALL SWITCHES IS 48" AFF
\$ ROCKER STYLE SWITCHES
\$ ALL SWITCHES / OUTLETS / COVER PLATES - WHITE FINISH
♦ VENT FANS SIZED FOR ROOM VOLUME
♦ FAN SOUND LEVEL NOT TO EXCEED 1.0 SONES

: LEGEND :	
SYMBOL	DESCRIPTION
	MIRROR LIGHT 1X18W FLUORESCENT LIGHT
	40W BEAM DIRECT/INDIRECT G2 SERIES (OFFICES)
	15W SURFACE MOUNTED LIGHT IN CORRIDOR
	20W WATERPROOF WALL MOUNTED EX

