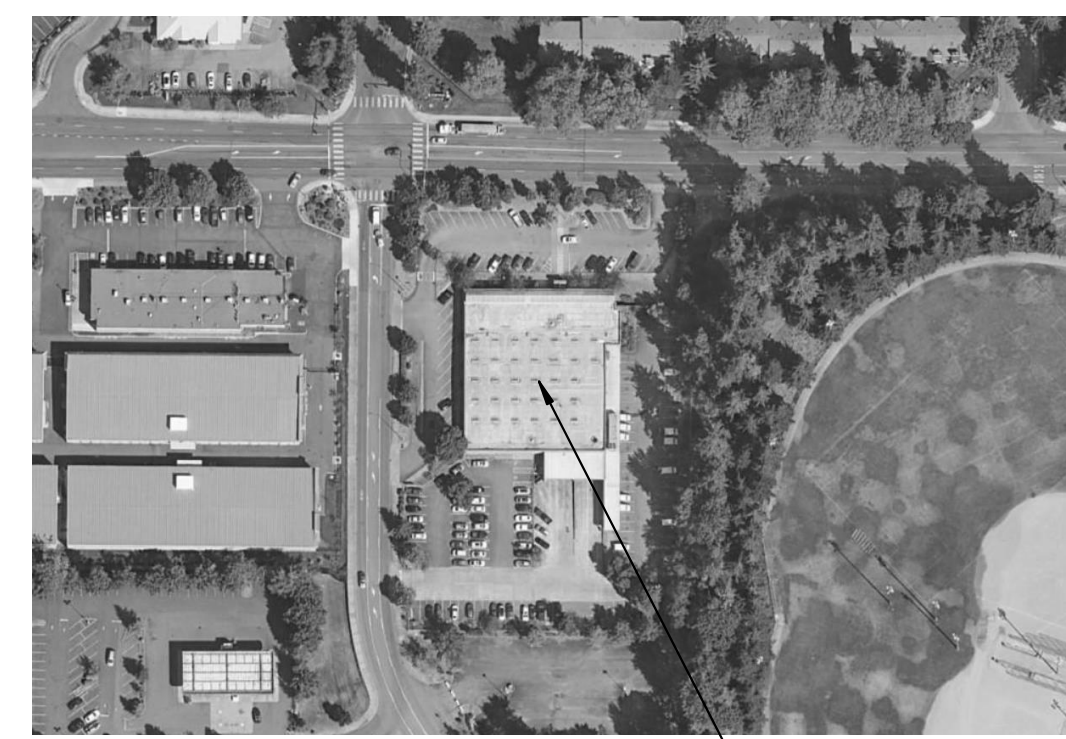


CODES

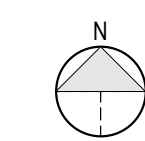
2018 INTERNATIONAL EXISTING BUILDING CODE WITH STATE OF WASHINGTON AMENDMENTS  
 2018 INTERNATIONAL BUILDING CODE WITH STATE OF WASHINGTON AMENDMENTS  
 2020 NATIONAL ELECTRICAL CODE WITH STATE OF WASHINGTON AMENDMENTS  
 2018 UNIFORM PLUMBING CODE WITH STATE OF WASHINGTON AMENDMENTS  
 2018 INTERNATIONAL MECHANICAL CODE WITH STATE OF WASHINGTON AMENDMENTS  
 2018 INTERNATIONAL FIRE CODE WITH STATE OF WASHINGTON AMENDMENTS  
 2017 WASHINGTON ACCESSIBILITY CODE ICC A117.7-2009  
 2010 ADA STANDARDS

NOTE:  
 THIS PROJECT IS LOCATED IN A SEISMIC REGION WITH SEISMIC DESIGN CATEGORY D. CONTRACTOR TO PROVIDE AND INSTALL THE APPROPRIATE SEISMIC DESIGN AS REQUIRED PER CODE. ALL SEISMIC RESTRAINTS SHALL BE RATED AND APPROVED FOR SEISMIC DESIGN RATING FOR THE SITE AND INSTALLED PER MANUFACTURER'S RECOMMENDATION IN ORDER TO MAINTAIN RATING.

VICINITY MAP

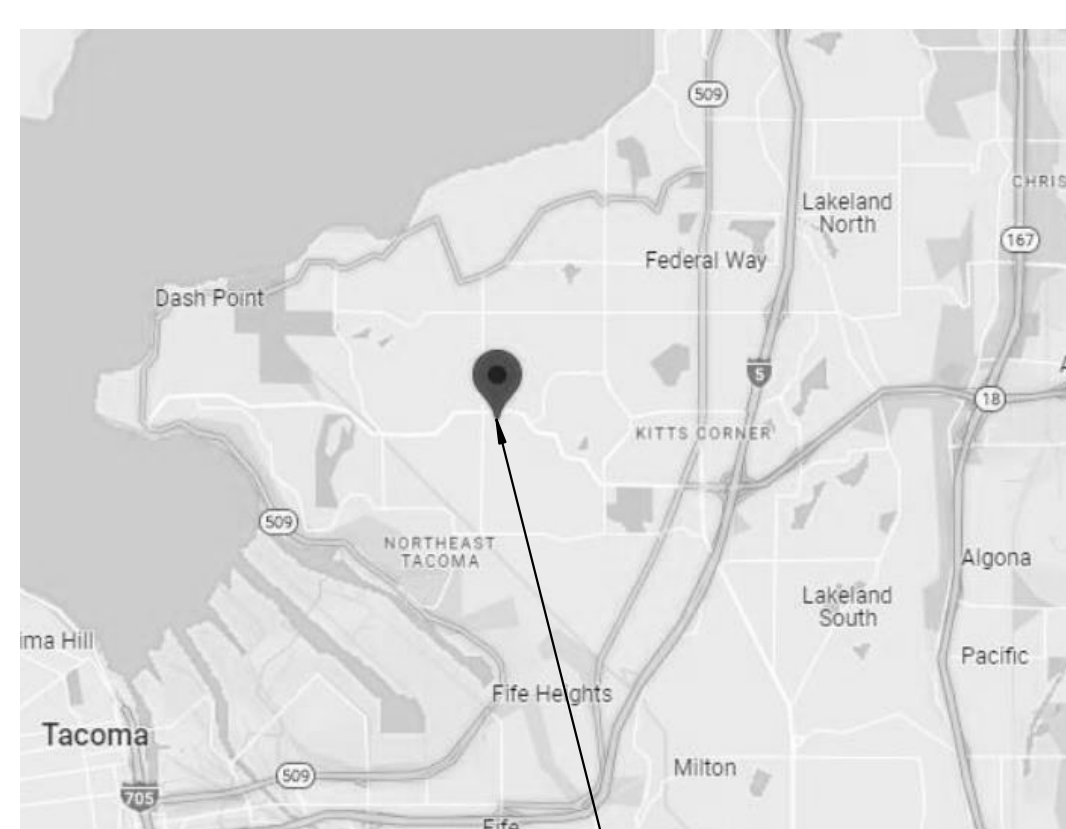


IMAGERY © 2023 MAXAR TECHNOLOGIES  
 U.S. GEOLOGICAL SURVEY MAP DATA © 2023



PROJECT LOCATION:  
 1815 SW CAMPUS DRIVE  
 FEDERAL WAY, WA 98023

LOCATION PLAN



MAP DATA © 2023 GOOGLE

PROJECT LOCATION:  
 1815 SW CAMPUS DRIVE  
 FEDERAL WAY, WA 98023

PROJECT DESCRIPTION

PROJECT CONSISTS OF SELECTIVE DEMOLITION RELATED TO CARRIER ENTRANCE AND PATH OF TRAVEL ACCESSING CARRIER VEHICLES. WORK ALSO INCLUDES FINISH AND FURNISHING UPDATES TO CARRIER RELATED ROOMS INCLUDING, BUT NOT LIMITED TO RESTROOMS, BREAK ROOMS, WORK FLOOR, AND SUPERVISOR OFFICES. ALL CARRIER RESTROOMS WILL RECEIVE ONE-FOR-ONE REPLACEMENT OF FIXTURES AND ACCESSORIES. THE RESTROOM ASSOCIATED WITH THE LOCKER ROOMS WILL BE MADE TO CONFORM TO ACCESSIBILITY STANDARDS WITH ANY REQUIRED FIXTURE RELOCATION. ALL EXHAUST FANS WILL BE REPLACED THROUGHOUT THE BUILDING AND ANY ADDITIONAL HVAC UPDATES WILL BE MADE PER BUILDING FUNCTIONALITY. ALL NOTED LIGHT FIXTURES WILL BE REPLACED WITH LED. SITE WORK WILL OCCUR TO ALLOW FOR MORE PARKING, BETTER CIRCULATION, BETTER LIGHTING AND ACCOMMODATING BY VEHICLES.

PROJECT CONTACTS

**ARCHITECT:**  
 GPD GROUP, PROFESSIONAL CORPORATION  
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 dlosh@gpdgroup.com

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 TBD

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# USPS - AUBURN, WA - SDC

1815 SW CAMPUS DRIVE,  
 FEDERAL WAY, WA 98023



520 South Main Street, Suite 2531  
 Aurora, OH 44111  
 330.572.2106 Fax 330.572.2103

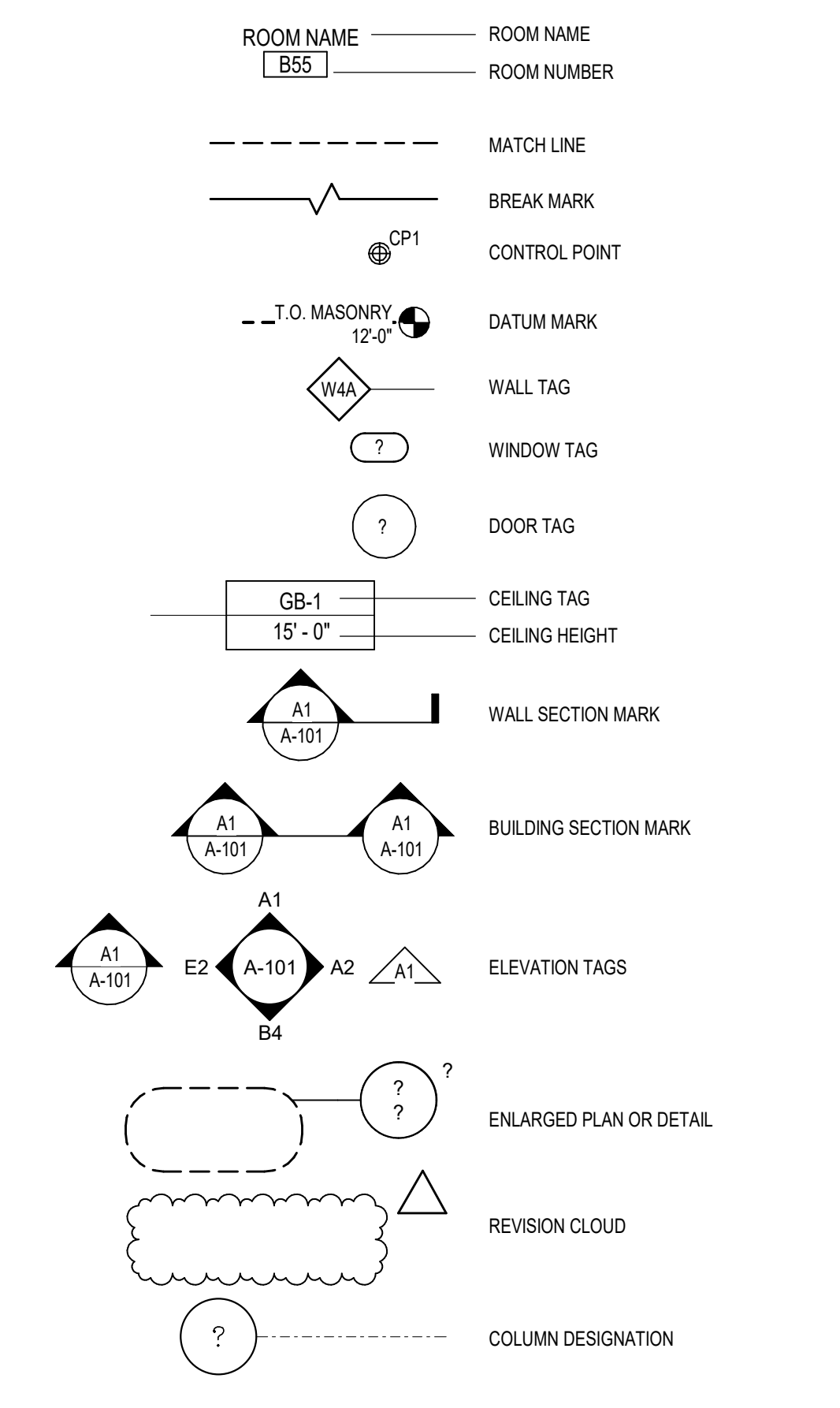
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PROJECT MANAGER	DESIGNER
DL	JS
JOB NO.	2023359.67

**DESIGN MANUAL**  
 ELECTRIC VEHICLE INFRASTRUCTURE  
 DESIGN MANUAL v.2024-4

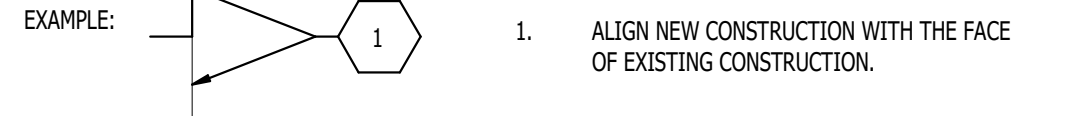
**ACTIVATION NOTE:**  
 Activation Scope Of Work as defined by Patriot Construction Management must be completed by 05-01-2024. Confirm with Construction Manager.

SYMBOL LEGEND



SHEET KEYNOTE INSTRUCTIONS

SHEET KEYNOTES ARE NOTED WITHIN THE GRAPHIC AREA OF THE DRAWING. THESE ARE REPRESENTED BY A NUMBER SURROUNDED BY A HEXAGON, WITH OR WITHOUT A LEADER. A LEGEND ON THE RIGHT SIDE OF THE PAGE LISTS THE NOTES IN NUMERICAL ORDER.



ABBREVIATIONS

<b>A</b> AB ANCHORBOLT AC AIR CONDITIONING ACC ALTERNATING CURRENT ACC ACCESSIBLE ACI AMERICAN CONCRETE INSTITUTE ADA AMERICANS WITH DISABILITIES ACT ADJ ADJUSTABLE AFF ABOVE FINISHED FLOOR AISC AMERICAN INSTITUTE OF STEEL CONCS CONCRETE AMP AMPERE, AMPS ARCH ARCHITECT, ARCHITECTURAL ASHRAE AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR CONDITIONING ENGINEERS ASTM AMERICAN SOCIETY OF TESTING AND MATERIALS	<b>B</b> BLDG BUILDING BM BEAM BOTT BOTTOM BTU BRITISH THERMAL UNIT BOF BOTTOM OF FOOTING CRS BEARING	<b>C</b> CF CUBIC FEET CD CONDENSATE CERTS CERTIFICATES CFM CUBIC FEET PER MINUTE CKT CIRCUIT CL CENTERLINE CLG CEILING CLR CLEAR OR CLEARANCE CMU CONCRETE MASONRY UNIT CO CLEANOUT COL COLUMN CONC CONCRETE, CONCENTRIC CONT CONTINUOUS, CONTINUATION COORD COORDINATE CJ CONTROL JOINT CLR CLEAR, CLEARANCE CTR CENTER CV CHECK VALVE CW COLD WATER	<b>D</b> DBL DOUBLE DC DIRECT CURRENT DEG DEGREES DEFS DIRECT APPLIED EXTERIOR FINISH SYSTEM	<b>E</b> EA EACH EF EXHAUST FAN EJ EXPANSION JOINT ELEV ELEVATION EIFS EXTERIOR INSULATION AND FINISH SYSTEM	<b>F</b> FA FIRE ALARM FACP FIRE ALARM CONTROL PANEL FCO FLOOR CLEANOUT FD FIRE DAMPER, FLOOR DRAIN FIN FINISH (ED) FIXT FIXTURE FON FOUNDATION FLG FLANGE FTG FOOTING FF FINISHED FLOOR FLR FLOOR FR FIRE-RETARDANT-TREATED FRP FIBERGLASS REINFORCED PANEL FT FOOT, FEET	<b>G</b> GA GALV GALVANIZED GC GENERAL CONTRACTOR GB GRADE BEAM GWB GYPSUM WALL BOARD GAB GRADED AGGREGATE BASE GYP GYPSUM WALL BOARD	<b>H</b> HGT HEIGHT HORIZ HORIZONTAL HP HORSEPOWER OR HIGH POINT HTR HEATER HVAC HEATING, VENTILATING AND AIR CONDITIONING HDW HARDWARE	<b>I</b> ID INSIDE DIAMETER IE INVERT ELEVATION INT INTERIOR IN INCH, INCHES INSUL INSULATION	<b>J</b> J-BOX JUNCTION BOX JT JOINT JST JOIST	<b>K</b> K KIPS (1000 LBS) k KILOVOLT kW KILOWATT kWh KILOWATT-HOUR	<b>L</b> LB POUNDS LF LINEAR FOOT LL LIVE LOAD, LANDLORD LLH LONG LEG HORIZONTAL LVV LONG LEG VERTICAL LOG LOCK-OUT GALLERY LONG LONGITUDINAL LP LOW POINT LTG LIGHTING LWC LIGHT WEIGHT CONCRETE L LENGTH	<b>M</b> MAX MAXIMUM MDP MAIN DISTRIBUTION PANEL MECH MECHANICAL MEZZ MEZZANINE MFR MANUFACTURER MINI MINIMUM MLO MAIN LUGS ONLY MO MASONRY OPENING MSB MAIN SWITCHBOARD MTD MOUNTED	<b>N</b> N/A NOT APPLICABLE NEC NATIONAL ELECTRICAL CODE NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOC. NEAR NEAR FACE NFPA NATIONAL FIRE PROTECTION ASSOCIATION	<b>O</b> OC ON CENTER OCC OCCUPANTS OF OUTSIDE FACE OD OUTSIDE DIAMETER OH OPPOSITE HAND PNG OPENING OSB ORIENTED STRAND BOARD OSHA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	<b>P</b> PAR PARALLEL PDU POWER DISTRIBUTION UNIT PH PHASE PL PLATE PLBG PLUMBING PNL PANEL PV POST INDICATOR VALVE PSF POUNDS PER SQUARE FOOT PVC POLYVINYL CHLORIDE PLYWOOD	<b>Q</b> Q QUANTITY	<b>R</b> RA RETURN AIR RAD RADIUS RD REFLECTED CEILING PLAN ROF ROOF DRAIN REF REFERENCE, REFER REIN REINFORCING REDD REQUIRED ROF ROUGH OPENING RPM REVOLUTIONS PER MINUTE RTU ROOFTOP UNIT	<b>S</b> SCHD SCHEDULED SD SMOKE DAMPER, STORM DRAIN SECT SECTION S SENSOR SF SQUARE FEET SHT SHEET SIM SIMILAR SMT SHEET METAL SPECIFICATION SPEC SQUARE SQ STAINLESS STEEL, SANITARY SEWER STD STANDARD STEEL STL STIFF STIFFENER STR STRIPS STRUCT STRUCTURAL SUSP SUSPENDED SJ SAW JOINT	<b>T</b> TAB TOP AND BOTTOM T/FTG TOP OF FOOTING TEMP TEMPERATURE THICK THICKNESS THRESH THRESHOLD TO TOP OF TOJ TOP OF JOIST TOS TOP OF STEEL THRU THROUGH THERM THERMOSTAT TYP TYPICAL T THICKNESS (STRUCT) TS TUBULAR STEEL (STRUCT) TRS TRUSS (STRUCT)	<b>U</b> UL UNDERWRITERS LABORATORIES, INC. UNON UNLESS OTHERWISE NOTED UPS UNINTERRUPTIBLE POWER SUPPLY	<b>V</b> V VOLT VA VOLT-AMPERE VERT VERTICAL VERIF VERT IN FIELD VRC VERTICAL RECIPROCATING CONVEYOR VENT VENT THROUGH ROOF	<b>W</b> W WIDTH WI WITH W/O WITHOUT WCD WALL CLEANOUT WC WATER CLOSET WD WOOD WLD WIND LOAD WP WEATHERPROOF WO WALL OPENING WV WELDED WIRE FABRIC WF WIDE FLANGE (STRUCT)	<b>X</b> X TRANSFORMER	<b>Y</b> Y YARD
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DRAWING INDEX

SHEET NUMBER	SHEET NAME	SHEET NUMBER	SHEET NAME
TS-001	COVER SHEET	P-001	PLUMBING LEGENDS, SCHEDULES, AND DETAILS
G-001	NEW WORK - EGRESS REVIEW PLAN	P-002	PLUMBING OVERALL PLAN
G-002	TYPICAL MOUNTING HEIGHTS	P-101	PLUMBING ENLARGED PLANS
G-003	AREAS OF RESPONSIBILITY	M-001	MECHANICAL LEGENDS, SCHEDULES, AND DETAILS
G-100	USPS VEHICLE LAYOUT PLAN	M-101	MECHANICAL PLAN - AREA A
G-200	USPS VEHICLE LAYOUT DETAILS	M-102	MECHANICAL PLAN - AREA B
PH-1	PHASING PLAN	E-001	ELECTRICAL LEGEND
PH-2	PHASING PLAN	ED-101	ELECTRICAL - DEMOLITION PLAN
PH-3	PHASING PLAN	E-101	ELECTRICAL - LIGHTING PLAN - AREA A
PH-4	PHASING PLAN	E-102	ELECTRICAL - LIGHTING PLAN - AREA B
PH-5	PHASING PLAN	E-111	ELECTRICAL - PHOTOMETRIC PLAN - AREA A
		E-112	ELECTRICAL - PHOTOMETRIC PLAN - AREA B
SHEET 1	ENGINEERING DESIGN SURVEY	E-201	ELECTRICAL - POWER PLAN - AREA A
		E-202	ELECTRICAL - POWER PLAN - AREA B
C-001	GENERAL NOTES	E-501	ELECTRICAL DETAILS
C-010	SWPP NOTES AND DETAILS	E-502	ELECTRICAL DETAILS
C-011	WSPP SWPP DETAILS	ES-101	ELECTRICAL SITE PLAN
C-012	SWPP PLAN	EV-001	EV ELECTRICAL GENERAL
C-101	DEMOLITION PLAN	EV-002	EV ELECTRICAL GENERAL - IDENTIFICATION
C-111	SITE PLAN	EV-101	EV ELECTRICAL SITE PLAN
C-121	GRADING PLAN	EV-501	EV SINGLE-LINE DIAGRAM
C-131	UTILITY PLAN	EV-601	EV PANEL SCHEDULES
C-501	SITE DETAILS		
C-601	STRUCTURAL DETAILS	F-101	FIRE ALARM PLAN
AD-101	DEMOLITION PLAN	FP-101	FIRE PROTECTION PLAN
AD-401	ENLARGED DEMOLITION PLANS		
A-100	ARCHITECTURAL SITE PLAN		
A-101	FLOOR PLAN		
A-102	FINISH FLOOR PLAN		
A-201	EXTERIOR ELEVATIONS		
A-401	ENLARGED PLANS		
A-501	SCHEDULES & DETAILS		
A-502	REFERENCE PHOTOS		

**PLAN REPRODUCTION WARNING:**  
 THE PLANS HAVE BEEN PREPARED FOR PRINTING ON ARCH E1 (30"x42") SHEETS. PRINTING ON OTHER SIZE SHEETS MAY DISORT SCALES. REFER TO GRAPHIC SCALES.

Washington Utility Notification Center  
 801 or 800-424-5555  
 Visit Website: <http://www.washington11.com>

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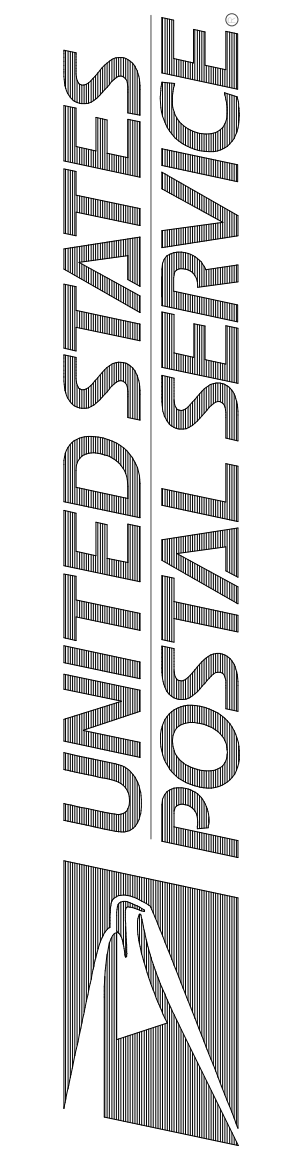
Revisions: CONSTRUCTION SET  
 BULLETIN 1

Scale: NTS  
 Date: 01/05/2024  
 Project: USPS - AUBURN, WA - SDC  
 02/09/2024  
 USPS File Number: 54090-G03

COVER SHEET  
 TS-001

PROJECT MANAGER	DESIGNER
JK	KW
JOB NO.	
2023359.67	

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1815 SW CAMPUS DR  
FEDERAL WAY, WA 98023



Facilities: 4301 Wilson Blvd., suite 300, arlington, va 22203-1861

ELECTRICAL - POWER PLAN - AREA B

E-202

Scale: NTS  
Project: USPS - AUBURN, WA - SDC  
USPS File Number: 54090-030

Revisions: CONSTRUCTION SET  
BULLETIN 1

Date: 01/05/2024  
02/09/2024

**GENERAL SHEET NOTES**

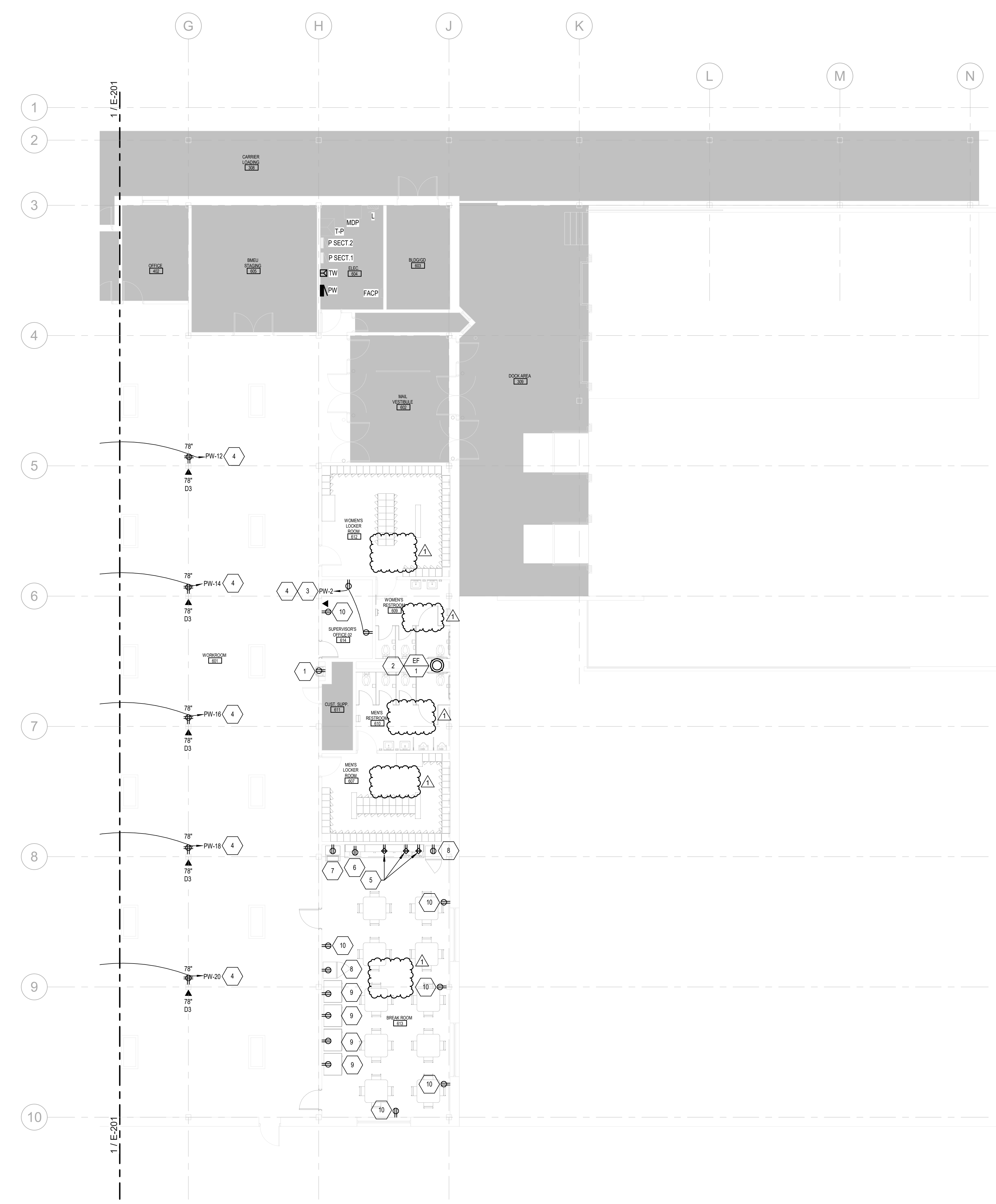
- A. REFER TO SHEET E-001 FOR ELECTRICAL SYMBOL LEGEND AND PANELBOARD SCHEDULES.
- B. REFER TO E-500 SERIES FOR ELECTRICAL DETAILS.
- C. COORDINATE CIRCUIT, DISCONNECT, AND STARTER SIZE(S) AND TERMINATION LOCATION(S) PRIOR TO ROUGH-IN.
- D. SHADING INDICATES AREAS WITH NO WORK.
- E. NOT ALL EXISTING DEVICES ARE SHOWN ON PLAN.
- F. CONTRACTOR SHALL PROVIDE ALL CONDUIT AND WIRING, AND CIRCUIT BREAKERS AS REQUIRED TO SERVE NEW DEVICES.
- G. NEW CIRCUITS, UNLESS OTHERWISE NOTED, SHALL BE WIRED WITH 12#12, (1#12G IN 3/4" INCREASE TO #16) FOR CIRCUITS OVER 75 FEET) TO A SPARE 20A/1P BREAKER (OR NEW 20A/1P BREAKER IF NO SPARES EXIST) IN THE NEAREST EXISTING 208/120V PANELBOARD WITH AVAILABLE CAPACITY.
- H. NEW CIRCUIT BREAKERS TO BE INSTALLED IN EXISTING PANELBOARDS SHALL MATCH EXISTING IN MANUFACTURE, TYPE, AND AIC RATINGS.
- I. NEW DEVICES ON DRYWALL SHALL BE FLUSH-MOUNTED, CUT AND PATCH OR FISH WALLS AS REQUIRED.
- J. NEW DEVICES ON CONCRETE OR BLOCK WALL SHALL BE SURFACE-MOUNTED. REFER TO SPECIFICATIONS FOR RACEWAY APPLICATIONS.

**SHEET KEYNOTES**

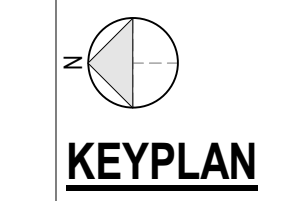
- 1 EXISTING WATER COOLER TO BE REMOVED AND REPLACED WITH NEW. REPLACE EXISTING GFCI RECEPTACLE WITH A REGULAR DUPLEX RECEPTACLE AND PROVIDE A 5mA GFCI BREAKER FOR THE CIRCUIT SERVING THE WATER COOLER.
- 2 EXISTING EXHAUST FAN TO BE REMOVED AND REPLACED WITH NEW (208V, 3Ø, 1/4 HP). DISCONNECT FROM AND RECONNECT TO EXISTING CIRCUIT. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED.
- 3 NEW CONVENIENCE RECEPTACLE. WIRE WITH 12#12, (1#12G IN 3/4" TO A SPARE 20A/1P BREAKER IN THE NEAREST EXISTING 208/120V PANELBOARD WITH AVAILABLE CAPACITY. PROVIDE A NEW BREAKER IF NO SPARES EXIST.
- 4 HOMERUN TO PANEL INDICATED. WIRE TO DESIGNATED 20A/1P BREAKER.
- 5 NEW ABOVE-COUNTER GFCI RECEPTACLE.
- 6 NEW GARBAGE DISPOSAL. PROVIDE A 5mA GFCI BREAKER AND A TOGGLE SWITCH ABOVE COUNTER.
- 7 NEW ICE MACHINE. PROVIDE A 5mA GFCI BREAKER.
- 8 NEW REFRIGERATOR. PROVIDE A 5mA GFCI BREAKER.
- 9 RELOCATED VENDING MACHINE. PROVIDE A 5mA GFCI BREAKER IF VENDING MACHINE LACKS INTEGRAL GFCI PROTECTION.
- 10 EXISTING RECEPTACLE TO BE REPLACED.

**TECHNOLOGY GENERAL NOTES**

- A. PROVIDE (1) CAT5 CABLE PER DATA PORT TO NEAREST IDF/MDF. MATCH FACILITY'S EXISTING CABLING COLOR CODE.
- B. TERMINATE EACH CABLE WITH AN RJ45 KEYSTONE JACK MOUNTED IN A DECORA-STYLE INSERT. PROVIDE FACEPLATES TO MATCH RECEPTACLE FACEPLATES. MATCH FACILITY'S EXISTING TERMINATION COLOR CODE. LABEL ALL TERMINATIONS.
- C. TERMINATE EACH CABLE WITH AN RJ45 CONNECTOR AT THE PATCH PANEL. MATCH FACILITY'S EXISTING TERMINATION COLOR CODE. LABEL ALL TERMINATIONS.
- D. PROVIDE TESTING, WITH CERTIFIED RESULTS INCLUDING BUT NOT LIMITED TO DISTANCE, OF EACH DATA LOCATION.
- E. PROVIDE 48-PORT PATCH PANELS AS REQUIRED TO ACCOMMODATE NEW DATA DEVICES.
- F. PROVIDE PATCH CABLES FROM NEW PATCH PANELS TO EXISTING SWITCHES.



**1 ELECTRICAL POWER PLAN - AREA B**  
1/8" = 1'-0"



DESIGNER	KW
PROJECT MANAGER	JK
DRAWING NO.	2023359.67

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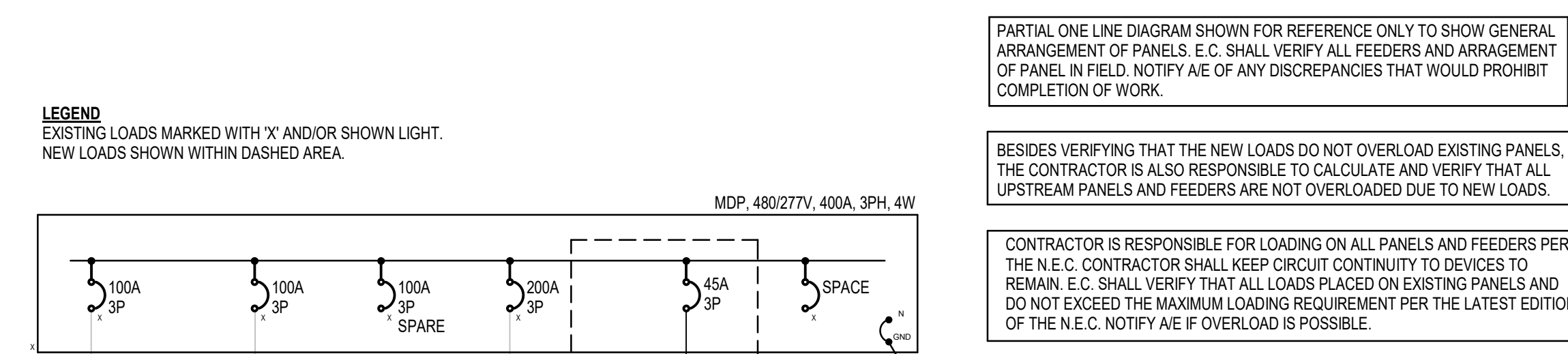
**UNITED STATES POSTAL SERVICE**

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ELECTRICAL DETAILS

Revision: CONSTRUCTION SET  
BULLETIN 1

Scale: NTS Date: 01/05/2024  
Project: USPS - AUBURN, WA - SDC  
USPS File Number: 54060-030

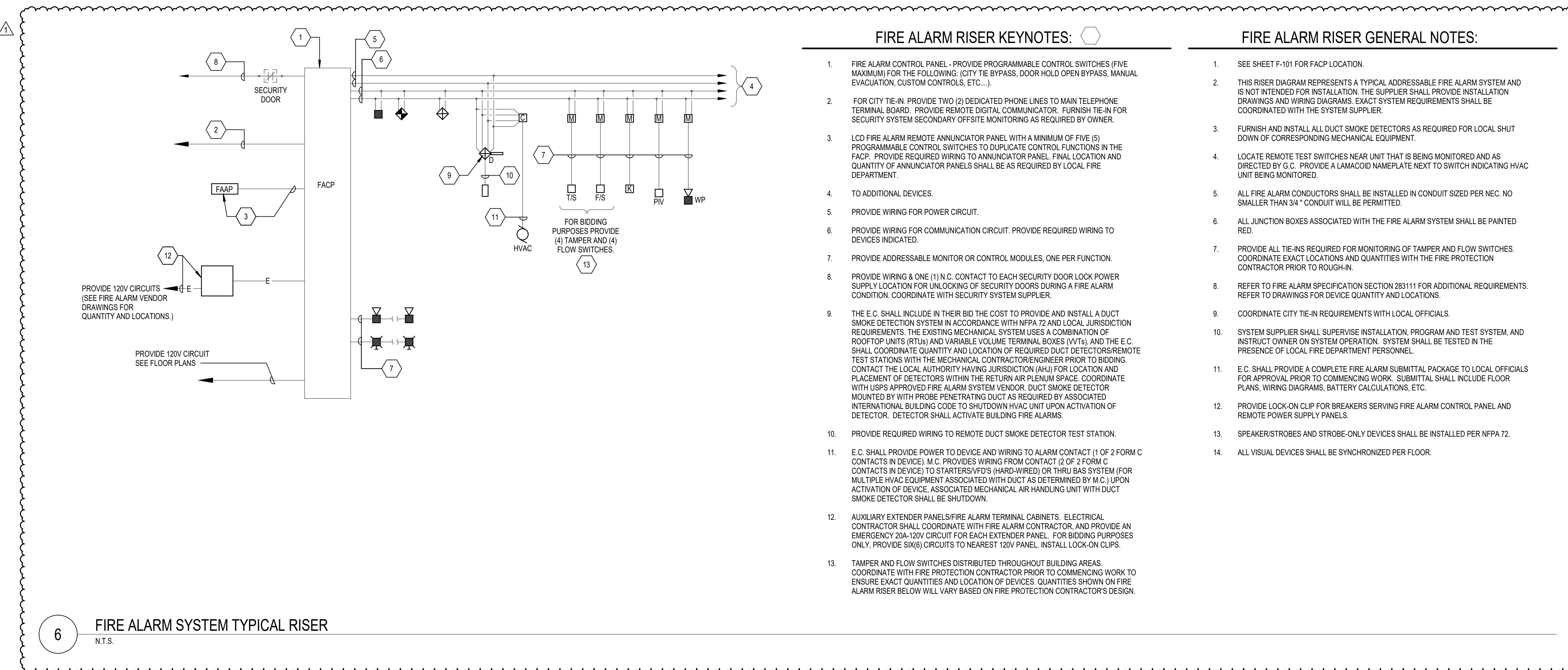


- PARTIAL SINGLE LINE DIAGRAM NOTES**
- PROVIDE ARC-FAULT LABELING AS REQUIRED BY DRAWINGS AND PER SPECIFICATIONS.
  - PROVIDE LAMACOD NAMEPLATES AS REQUIRED BY DRAWINGS AND/OR SPECIFICATIONS.
  - ALL PANELBOARDS SHALL BE PROVIDED WITH ARC RATINGS AS NOTED ON PANEL SCHEDULE.
  - LABEL EACH BREAKER WITHIN MDP AS SERVICE DISCONNECTS. E.C. TO VERIFY THERE IS NO MAIN SERVICE DISCONNECT SWITCH.

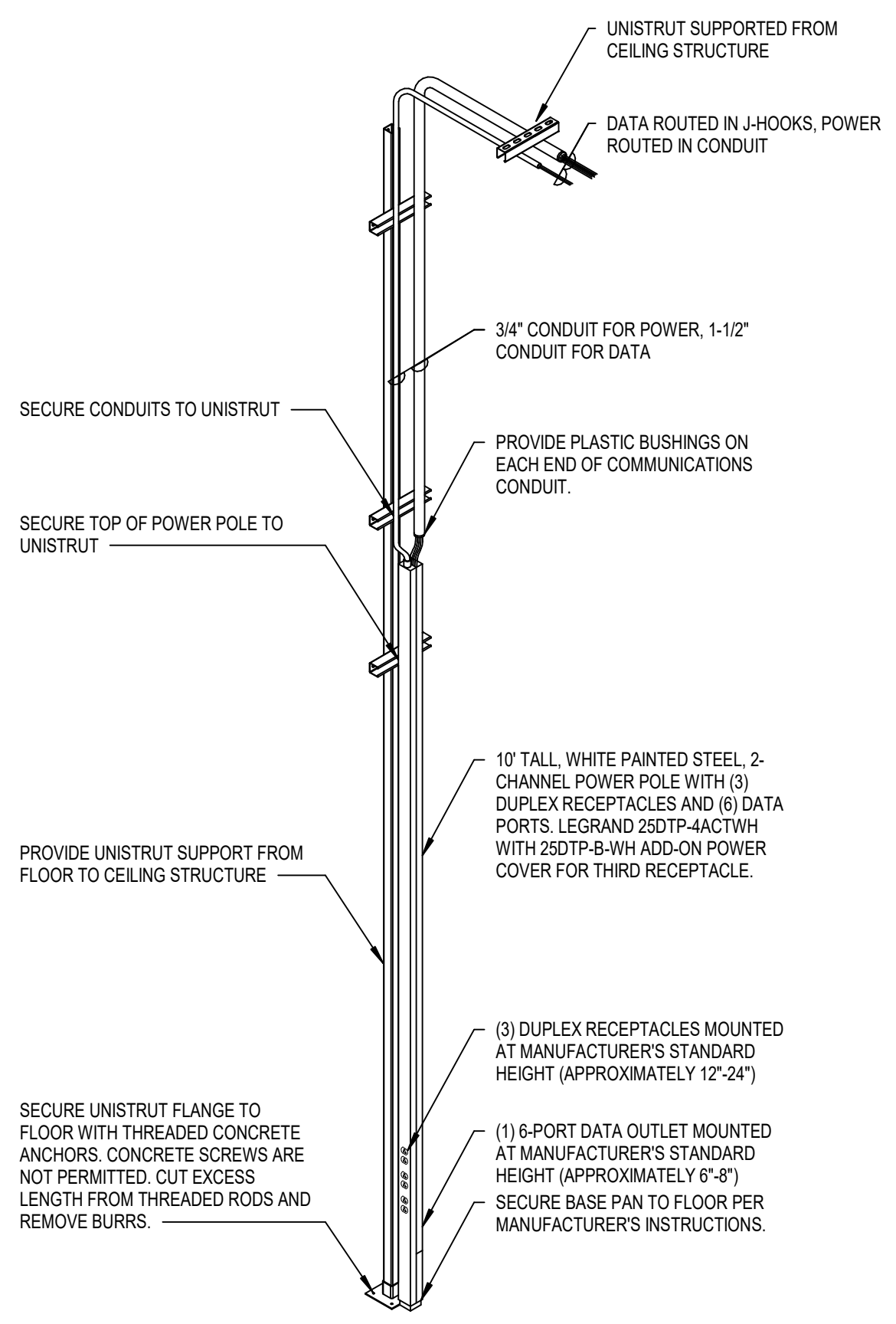
DESIGNATION	FEEDER SCHEDULE	
	CONDUCTOR (ALUMINUM)	CONDUCTOR (COPPER)
45C3	COPPER ONLY	3#6, 1#10G, 1" C
100C4	COPPER ONLY	4#1, 1#6G, 1-1/2" C

### = WIRE AMPERAGE  
% = WIRE MATERIAL  
@ = NUMBER OF CONDUCTORS

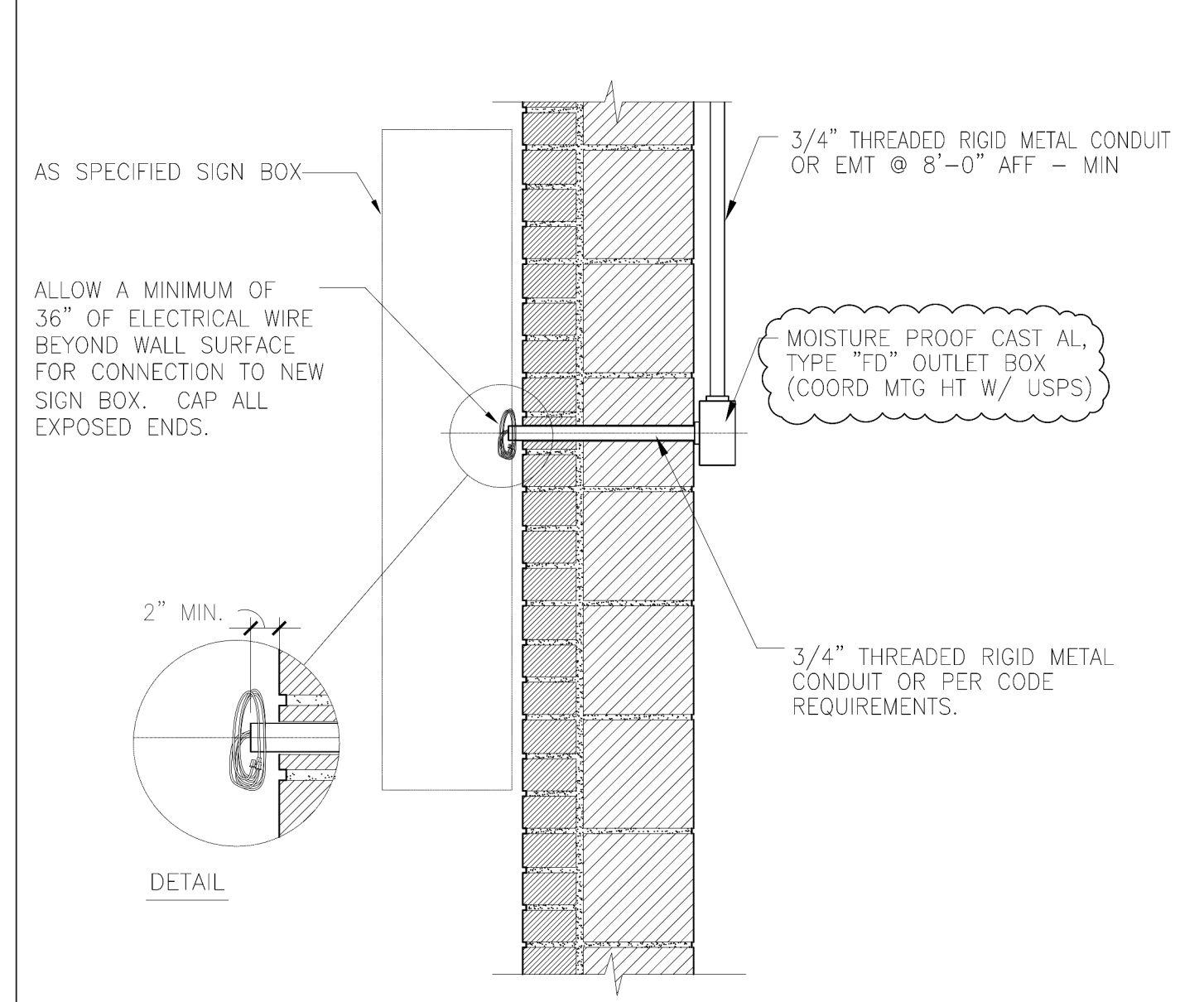
5 PARTIAL SINGLE LINE DIAGRAM  
N.T.S.



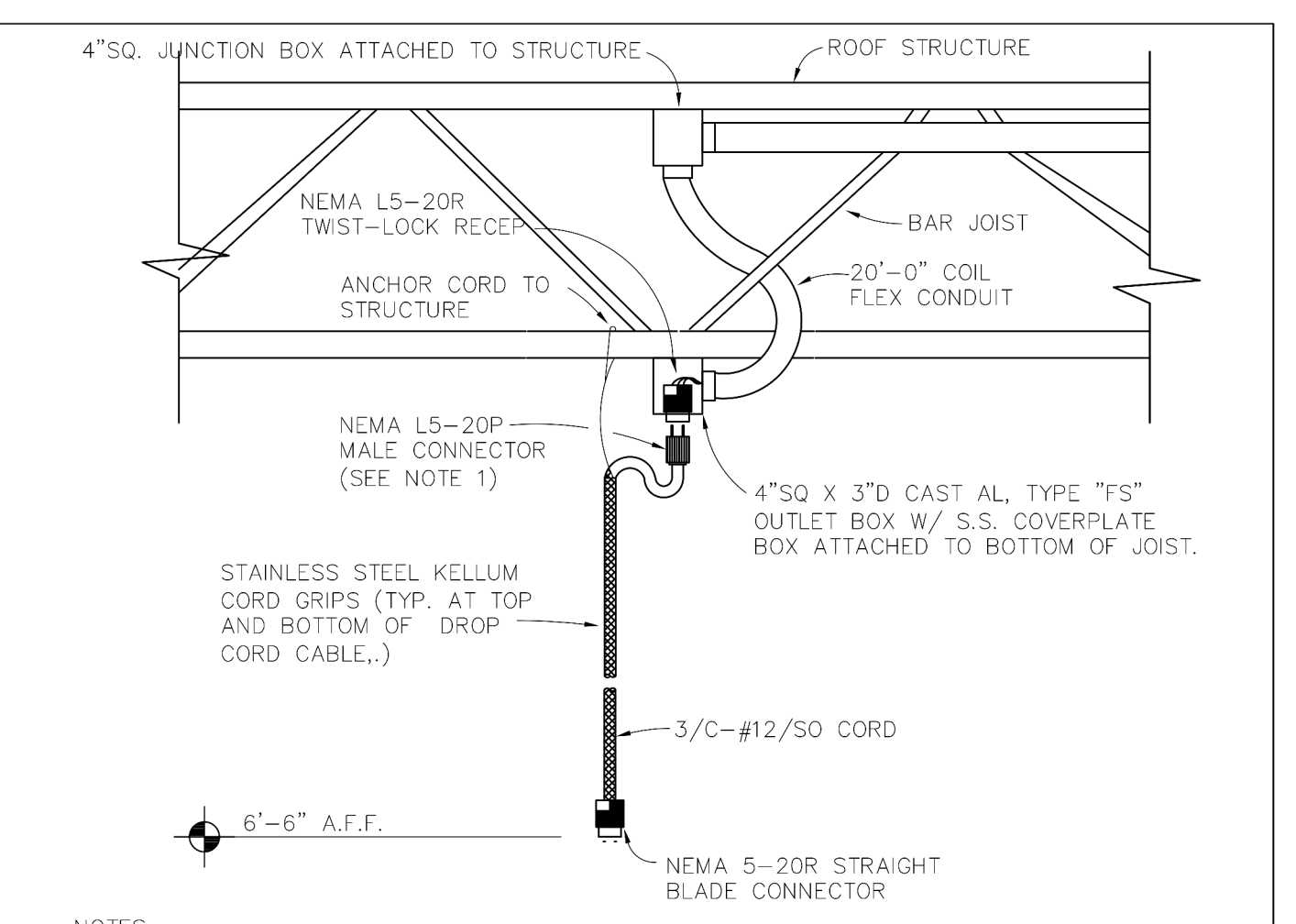
6 FIRE ALARM SYSTEM TYPICAL RISER  
N.T.S.



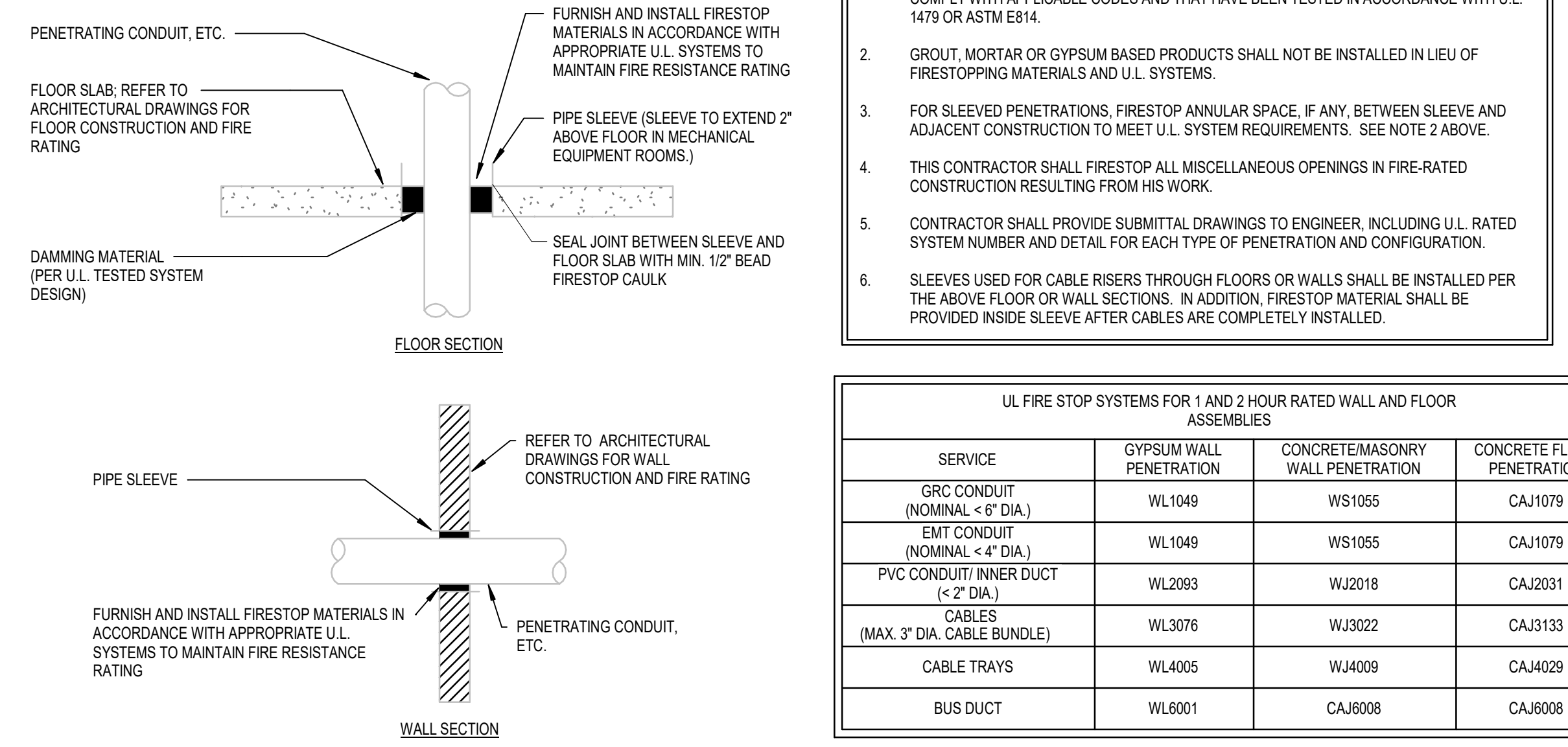
1 DUAL-CHANNEL POWER POLE DETAIL  
N.T.S.



2 USPS STANDARD DETAIL P5-3-2C  
N.T.S.



3 USPS STANDARD DETAIL P5-2-8B  
N.T.S.



4 FIRESTOPPING DETAIL FOR PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION  
N.T.S.

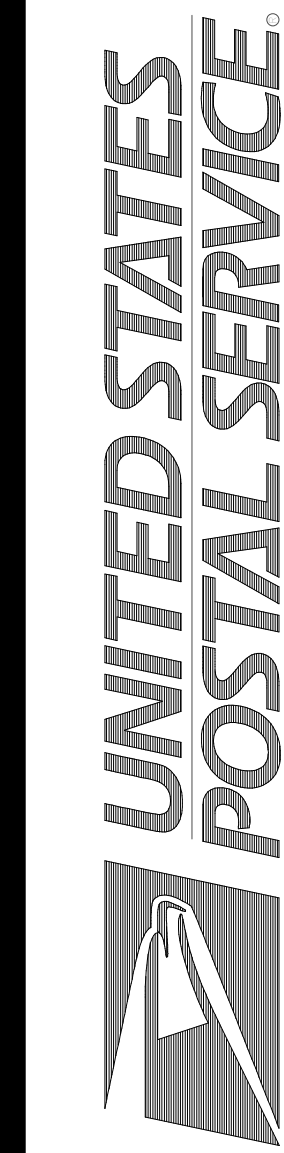
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PRELIMINARY DRAFT  
NOT FOR CONSTRUCTION,  
BID, RELIANCE,  
RECORDING PURPOSES OR  
IMPLEMENTATION.

DESIGNER	JK
PROJECT MANAGER	JK
DATE	2023/5/6/23

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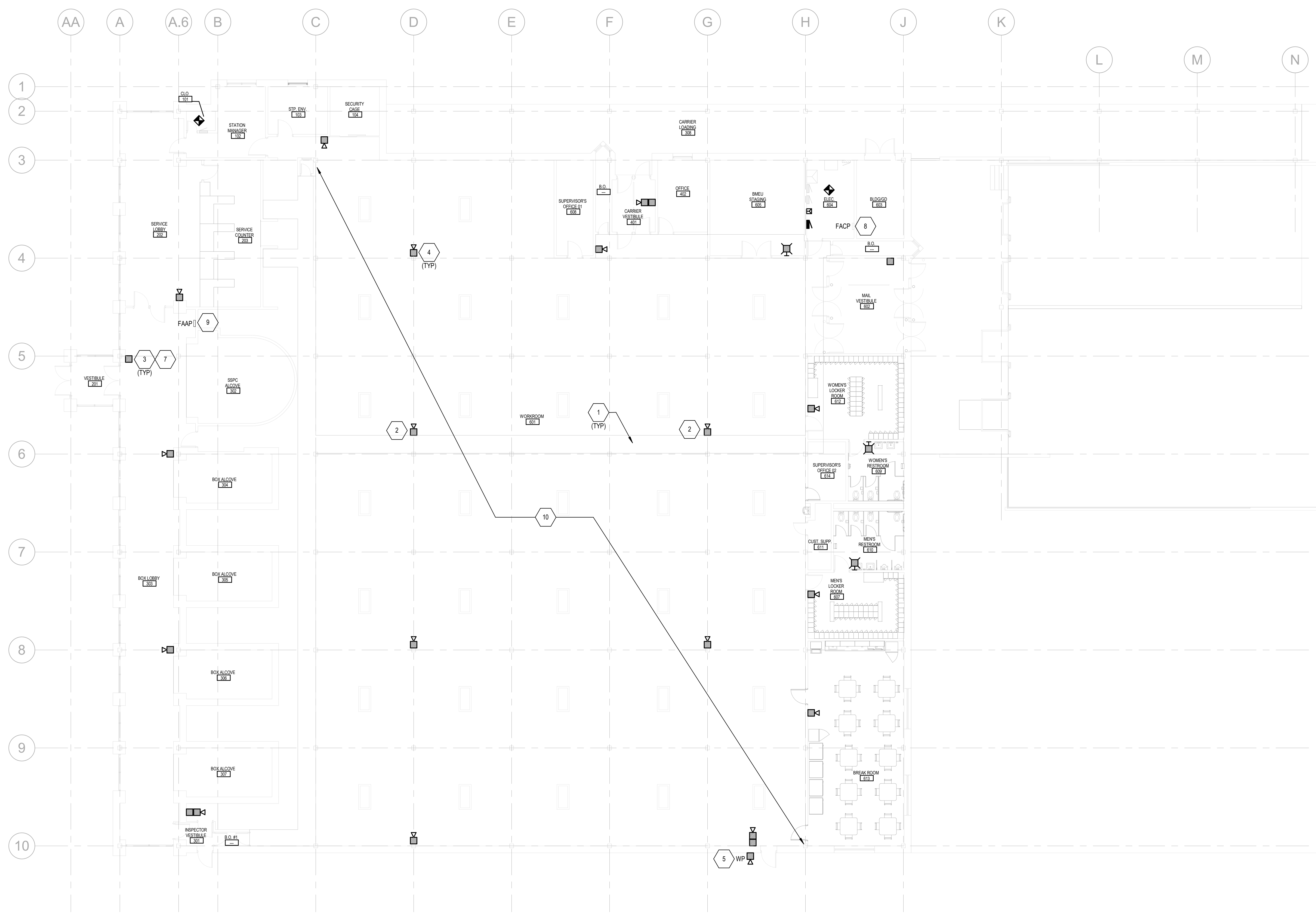
**F-101**  
Scale: N/A  
Project: USPS - AUBURN, WA - SDC  
USPS File Number: 54060-030  
Revision: CONSTRUCTION SET  
BULLETIN 1  
Date: 01/05/2024  
Date: 02/09/2024

**GENERAL SHEET NOTES**

- A. REFER TO SHEET E-001 FOR FIRE ALARM SYMBOL LEGEND.
- B. REFER TO SHEET E-001 FOR FIRE ALARM RISER DIAGRAM.
- C. COORDINATE ALL PULL STATION LOCATIONS IN FIELD WITH REQUIRED MEANS OF EGRESS LOCATIONS.
- D. COORDINATE EXACT PLACEMENT OF NOTIFICATION APPLIANCES IN THE FIELD WITH OWNERS' EQUIPMENT, RACKS, SHELVING, ETC. TO ENSURE DEVICES ARE VISIBLE. RELOCATE TO NEAREST WALL AND/OR COLUMN AS NEEDED.
- E. PROVIDE FIRE STOP AT ALL CONDUIT PENETRATIONS THROUGH FIRE-RATED WALLS. COORDINATE WALL TYPE AND LOCATIONS WITH THE ARCHITECTURAL LIFE SAFETY PLANS.
- F. PROVIDE REQUIRED FIRE ALARM DOOR RELEASE RELAYS AND INTERLOCK WIRING TO FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 72 AND 101 FOR ACCESS-CONTROLLED EGRESS DOOR ASSEMBLIES WHERE EQUIPPED WITH ELECTRONIC LOCKING HARDWARE.
  - SENSOR SHALL UNLOCK DOOR ON EGRESS SIDE UPON APPROACH
  - UNLOCK UPON LOSS OF POWER
  - UNLOCKED BY FIRE ALARM SYSTEM ACTIVATION
  - UNLOCK UPON SPRINKLER SYSTEM ACTIVATION
- G. E.C. SHALL CONTACT LOCAL AHJ TO DETERMINE IF RADIO AMPLIFICATION IS REQUIRED. IF RADIO COVERAGE IS INSUFFICIENT, THEN PROVIDE COST TO INSTALL EMERGENCY RESPONDER RADIO COMMUNICATION ANTENNA SYSTEM IN ACCORDANCE WITH NFPA 72. THE SYSTEM SHALL BE INSTALLED USING A 2-HOUR RATED PLENUM RISER CABLE IN LIEU OF ROUTING IN A 2-HOUR RATED SHAFT. CABLE SHALL BE RSL, DRAGONSKIN, OR APPROVED EQUIVALENT.
- H. THE E.C. IS RESPONSIBLE FOR WALKING THE FACILITY AND OBSERVING EXISTING CONDITIONS TO ENSURE THE NEW FIRE ALARM DEVICES CAN BE INSTALLED IN THE LOCATIONS SHOWN. CONFIRM ALL CEILING TYPES FOR ACCESSIBILITY PRIOR TO BIDDING AND ADJUST BID ACCORDINGLY IF ANY PROPOSED LOCATIONS ARE PROBLEMATIC.

**SHEET KEYNOTES**

- 1. OUTLINE OF L.O.G. SHOWN FOR REFERENCE ONLY.
- 2. FIRE ALARM DEVICE TO BE MOUNTED TO FACE OF L.O.G.
- 3. COORDINATE ALL PULL STATION LOCATIONS IN FIELD WITH REQUIRED MEANS OF EGRESS LOCATIONS.
- 4. NEW FIRE ALARM NOTIFICATION DEVICE. TIE INTO EXISTING FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT (NAC) AND TEST OR PROVIDE NEW NOTIFICATION APPLIANCE CIRCUIT (NAC). COORDINATE WITH USPS FIRE ALARM VENDOR PRIOR TO BIDDING TO ENSURE SPARE CAPACITY EXISTS.
- 5. PROVIDE HORN/STROBE UNIT ON EXTERIOR OF BUILDING AT LOCATION DETERMINED BY AHJ FOR SPRINKLER SYSTEM ACTIVATION IN ACCORDANCE WITH NFPA 72 (8.8.5.1.2).
- 6. NEW FIRE ALARM PULL STATION DEVICE. TIE INTO NEAREST EXISTING FIRE ALARM SIGNALING LINE CIRCUIT (SIL) AND TEST. COORDINATE WITH USPS FIRE ALARM VENDOR PRIOR TO BIDDING.
- 7. APPROXIMATE LOCATION OF EXISTING FIRE ALARM CONTROL PANEL TO REMAIN. CONTACT EXISTING USPS APPROVED FIRE ALARM VENDOR PRIOR TO BIDDING TO DETERMINE IF NEW EXTENDER PANEL WITH SYNCHRONIZATION CAPABILITY IS REQUIRED TO POWER NEW NOTIFICATION APPLIANCES. IN THE EVENT AN EXPANSION PANEL IS REQUIRED, UTILIZE EXISTING 120V, 20A CIRCUIT FOR POWER.
- 8. NEW FIRE ALARM ANNUNCIATOR PANEL TO BE LOCATED WITHIN BOX LOBBY. COORDINATE EXACT LOCATION WITH LOCAL FIRE DEPARTMENT.
- 9. THE BUILDING IS EQUIPPED WITH AN EXISTING FIRE ALARM SYSTEM INTERLOCKED WITH THE FIRE PROTECTION (SPRINKLER) AND HVAC SYSTEMS. PRIOR TO BIDDING, THE E.C. SHALL COORDINATE WITH FIRE ALARM VENDOR AND FIRE PROTECTION CONTRACTOR/CONSULTANT TO ENSURE EXISTING TAMPERS & FLOW SWITCHES AND FIRE ALARM EXISTING SMOKE DETECTION ARE CODE COMPLIANT IN ACCORDANCE WITH NATIONAL, STATE, AND LOCAL CODES.



**1 FIRE ALARM PLAN**  
3/32" = 1'-0"

**FIRE ALARM SYMBOLS**

- ADDRESSABLE SMOKE DETECTOR
- FIRE ALARM REMOTE ANNUNCIATOR, 60" AFF TO CENTERLINE OF DEVICE
- FIRE ALARM CONTROL PANEL
- FIRE ALARM HORN/STROBE (WALL MOUNTED) 80" AFF TO CENTERLINE OF DEVICE
- FIRE ALARM STROBE (WALL MOUNTED) 80" AFF TO CENTERLINE OF DEVICE
- ADDRESSABLE PULL STATION

**EXISTING FIRE ALARM NOTE:**

THE BUILDING IS EQUIPPED WITH AN EXISTING FIRE ALARM SYSTEM AND IS UNKNOWN WHETHER THE SYSTEM MEETS CURRENT NFPA 72 AND ADA STANDARDS. THE E.C. SHALL CONTACT THE USPS FIRE ALARM VENDOR PRIOR TO BIDDING TO DETERMINE SYSTEM EXPANSION, INTEGRITY, AND CODE COMPLIANCE. IF THE SYSTEM IS SUITABLE FOR EXPANSION, THEN PROVIDE NEW FIRE ALARM DEVICES IN ADDITION TO REPLACEMENT OF EXISTING TO MEET NFPA 72 AND ADA REQUIREMENTS. IN THE EVENT THE SYSTEM IS INADEQUATE, THEN REPLACE IN ITS ENTIRETY OR ADD EXTENDER PANELS TO ACCOMMODATE SYNCHRONIZATION REQUIREMENTS ACCORDING TO THE PLANS SPECIFICATIONS.