GENERAL NOTES

1. ALL WORK, EQUIPMENT AND MATERIALS FURNISHED SHALL CONFIRM TO REQUIREMENTS AND SPECIFICATIONS OF THE NATIONAL ELECTRICAL CODE, THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION, THE INSTITUTE OF ELECTRONICS AND ELECTRICAL ENGINEERS, THE INSULATED CABLE ENGINEERS, THE AMERICAN SOCIETY OF TESTING MATERIALS, THE AMERICAN NATIONAL STANDARD INSTITUTE, THE NATIONAL FIRE PROTECTION ASSOCIATION, THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION AND ALL OTHER APPLICABLE FEDERAL STATE AND LOCAL LAWS AND/OR ORDINANCES, INCLUDING THE INTERNATIONAL BUILDING CODE AND THE NJ AMENDMENTS TO THE NATIONAL ELECTRICAL CODE.

2. ALL MATERIAL AND EQUIPMENT SHALL BE NEW AND BEAR THE INSPECTION LABELS OF UNDERWRITERS LABORATORIES, IF THE MATERIAL AND EQUIPMENT IS OF THE CLASS INSPECTED BY SAID LABORATORIES.

3. ANY REQUIREMENTS IN THE SPECIFICATIONS, OR DRAWINGS, INTERPRETED TO DEVIATE FROM THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE OR OSHA SHALL BE REFERRED TO THE ENGINEER FOR CONSIDERATION. ALL WORK PERFORMED SHALL ADHERE TO ALL RULES, REQUIREMENTS AND SPECIFICATIONS AS SET FORTH ABOVE. ANY ADDITIONAL WORK OR MATERIAL NECESSARY FOR ADHERENCE WILL NOT BE ALLOWED AS AN EXTRA BUT SHALL BE INCLUDED IN THE BID PRICE.

4. THE DRAWINGS SHOW THE APPROXIMATE LOCATION OF ALL APPARATUS, THE EXACT LOCATIONS OF WHICH ARE SUBJECT TO THE APPROVAL OF THE DIRECTORS REPRESENTATIVE, WHO RESERVE THE RIGHT TO MAKE ANY REASONABLE CHANGES IN THE LOCATION INDICATED WITHOUT EXTRA COST. WHILE THE GENERAL RUN OF CONDUIT OR RACEWAY IS NOT SHOWN ON THE DRAWINGS, IT IS INTENDED THAT THE EXACT ROUTING AND LOCATIONS OF ALL CONDUIT OR RACEWAY BE DETERMINED IN THE FIELD BASED ON ACTUAL FIELD CONDITIONS. WHERE HUNG CEILING EXISTS, CONDUIT SHALL BE RUN ABOVE THE CEILING TILES. IN AREAS WHERE NO FINISHED CEILINGS EXIST EXPOSED SURFACE MOUNTED CONDUIT OR WIREMOLD RACEWAYS CAN BE USED.

5. CONDUIT OR RACEWAY RUN SHALL BE PARALLEL WITH OR AT RIGHT ANGLES TO WALLS AND CEILINGS. THEY SHALL BE SUPPORTED ON APPROVED TYPES OF BRACKETS, TRAPEZE, HANGERS OR PIPE STRAPS. SECURED BY MEANS OF WOOD SCREWS ON WOOD CONSTRUCTION, NAILS ARE NOT PERMITTED. USE TOGGLE BOLTS FOR HOLLOW MASONRY, EXPANSION BOLTS FOR BRICK MASONRY, PHILLIPS HILTI CORP. ANCHORS FOR CONCRETE WORK SUPPORT SPACINGS SHALL BE AS SET FORTH IN THE NATIONAL ELECTRICAL CODE.

6. THE TYPE OF CONDUIT AND RACEWAY SHALL BE AS FOLLOW, UNLESS OTHERWISE SPECIFIED:
MINIMUM CONDUIT SIZE 3/4" RIGID GALVANIZED STEEL CONDUIT. MINIMUM SURFACE RACEWAY WIREMOLD CATALOG NO. V500.

APPLICATION	TYPE OF CONDUIT
SURFACE MOUNTED FINISHED AREA	WIREMOLD
CONCEALED FINISHED AREA OR RUNS WITHIN EXISTING WALLS	GREENFIELD (3/4" TRADE SIZE)
SURFACE MOUNTED UNFINISHED AREAS	ELECTRICAL METALLIC TUBING
RUNS ABOVE HUNG CEILING	ELECTRICAL METALLIC TUBINGEXPOSED OR
CONCEALED OUTDOORS	RIGID GALVANIZED STEEL

7. PROVIDE MINIMUM #12 AWG COPPER WIRING FOR POWER AND LIGHTING SYSTEMS, INSTALLED IN 3/4" CONDUIT MINIMUM, UNLESS OTHERWISE NOTED OR SPECIFIED.

8. COORDINATE THE LOCATION OF ALL ELECTRICAL EQUIPMENT, RACEWAYS, ETC. SO AS TO AVOID INTERFERENCES WITH DUCTWORK, PIPING, STRUCTURES, ETC. MAINTAIN ADEQUATE ACCESS TO ALL JUNCTIONS, TERMINATIONS AND PULL BOXES. MAINTAIN ADEQUATE ACCESS TO ALL EQUIPMENT FOR OPERATION, MAINTENANCE AND REPAIRS.

9. PROVIDE EXPANSION FITTINGS IN ALL ELECTRICAL RACEWAY RUNS WHERE THEY CROSS BUILDING EXPANSION LINES.

10. PROVIDE PULL BOXES AS REQUIRED BY CODE AND SPECIFICATIONS.

11. ALL SCAFFOLDING, TOOLS, CONDUIT, WIRE AND SCRAP WHICH IS NO LONGER REQUIRED IN THE WORK AREAS SHALL BE REMOVED FROM THE JOB SITE.

12. UPON COMPLETION OF THE WORK UNDER THIS CONTRACT, ALL CERTIFICATE(S) OF INSPECTION AND APPROVAL FROM THE NATIONAL BOARD OF FIRE UNDERWRITERS AND/OR SIMILAR STATE OR LOCAL INSPECTION ORGANIZATION HAVING JURISDICTION SHALL BE OBTAINED AND DELIVERED TO THE USPS OR THE ENGINEER.

13. THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEER AND USPS.

14. INSTALL FIRESTOPPING AT PENETRATIONS OF FIRE RATED WALL MATERIALS BY SLEEVES, PIPING, CONDUIT AND OTHER ITEMS IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.

ABBREVIATIONS

A	AMPERE
AF	AMPERE FRAME
AFF	ABOVE FINISHED FLOOR
AIC	AMPERE INTERUPTING CAPACITY
AT	AMPERE TRIP
AWG	AMERICAN WIRE GUAGE
BF	BALLAST FACTOR
BOF	BOTTOM OF FIXTURE
C	CONDUIT
C/B	CIRCUIT BREAKER
CKT	CIRCUIT
D	DEPTH
DIA	DIAMETER
DISC	DISCONNECT
DIST	DISTRIBUTION
DIV	DIVISION
DWG	DRAWING
(E)	EXISTING EQUIPMENT/DEVICE TO REMAIN
EC	ELECTRICAL CONTRACTOR
(ER)	EXISTING EQUIPMENT/DEVICE TO BE RELOCATED
FIXT	FIXTURE
FLUOR	FLUORESCENT
FT	FEET
G	GROUND
H	HEIGHT
HID	HIGH INTENSITY DISCHARGE
INCAND	INCANDESCENT
IS	INSPECTION SERVICES
JB	JUNCTION BOX
K	KELVIN
KVA	KILO-VOLT-AMPERE
KW	KILO-WATT
LLF	LIGHT LOSS FACTOR
LTG	LIGHTING
MAX	MAXIMUM
MH	METAL HALIDE
MIN	MINIMUM
MTD	MOUNTED
(N)	NEW
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
P	POLE
PNL	PANEL
QTY	QUANTITY
(R)	EXISTING EQUIPMENT/DEVICE TO BE REMOVED
(RE)	RELOCATED EXISTING EQUIPMENT/DEVICE
SW	SWITCH
SWBD	SWITCH BOARD
TEMP	TEMPORARY
TOF	TOP OF FIXTURE
TYP	TYPICAL
UL	UNDERWRITER'S LABORATORIES
UON	UNLESS OTHERWISE NOTED
USPS	UNITED STATES POSTAL SERVICE
USPIS	UNITED STATES POSTAL INSPECTION SERVICE
V	VOLTS
VA	VOLT-AMPERES
W	WATT OR WIDTH
WP	WEATHERPROOF

SYMBOLS

POWER

SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (NEMA 5-20R) - MOUNT +18" AFF, UON.
	QUADRUPLEX RECEPTACLE (NEMA 5-20R) - MOUNT +18" AFF, UON.
	TELECOMMUNICATION OUTLET - MOUNT +18" AFF, PROVIDE CONDUIT TO CEILING SPACE. PROVIDE CABLE TO MDF ROOM.
J	WALL MOUNTED JUNCTION OR OUTLET BOX - MOUNT +18" AFF, USE AS INDICATED.
J	JUNCTION BOX
	PANELBOARD - 480/277 VOLT
	PANELBOARD - 208/120 VOLT
T	TRANSFORMER
B	BELL OR BUZZER- MOUNT 7'-6" AFF.
	PUSHBUTTON - MOUNT +48" AFF.
	DISCONNECT SWITCH - MOUNT +48" AFF.

WIRING

	WIRING CONCEALED IN WALL OR ABOVE
	WIRING CONCEALED IN FLOOR
	WIRING EXPOSED
LR-1,3	ELECTRICAL HOMERUN. ARROWS INDICATE NUMBER OF CIRCUITS IN DESIGNATED PANEL. NUMBER OF SLASHES INDICATE NUMBER OF CONDUCTORS WHEN MORE THAN TWO. SIZE #12 MINIMUM UNLESS OTHERWISE NOTED. PROVIDE GROUND CONDUCTORS IN ALL CIRCUITS (NOT INDICATED).
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN
UG	UNDERGROUND CONDUIT
	ELECTRICAL GROUND

LIGHTING

	WALL MOUNTED EXIT LIGHT
	SURFACE MOUNTED DOUBLE SIDED EXIT LIGHT
	LED LIGHT FIXTURE
	WALL MOUNTED LED LIGHT FIXTURE
	LED LIGHT FIXTURE WITH EMERGENCY BATTERY BACKUP

DEMOLITION NOTES

1. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO MAINTAIN SERVICE OF THE ELECTRICAL SYSTEMS AFFECTED BY THIS WORK.
2. CONTRACTOR SHALL BE RESPONSIBLE TO ASCERTAIN THE CURRENT CONDITIONS SHOWN ON THE DEMOLITION DRAWINGS.
3. EXCEPT AS NOTED, REMOVE ALL ACCESSIBLE WIRING AND CONDUIT THAT BECOMES INACTIVE DUE TO THE REMOVAL OF EXISTING EQUIPMENT.
4. INACCESSIBLE CONDUITS SHALL BE CAPPED FLUSH WITH WALL/FLOOR AND LEFT IN PLACE.
3. EXCEPT AS NOTED, REMOVALS SHALL ALSO INCLUDE INACTIVE EQUIPMENT (NOT SHOWN) ASSOCIATED WITH THE APPARATUS BEING REMOVED (I.E. JUNCTION BOXES, ETC.).
5. REMOVED EQUIPMENT/DEVICES SHALL BE PROPERLY DISCARDED OR TURNED OVER TO OWNER, AS DIRECTED BY OWNER'S REPRESENTATIVE.

WORK SUMMARY

GENERAL:

1. THIS IS A SUMMARY OF THE SCOPE OF WORK FOR THIS PROJECT AND DOES NOT NECESSARILY INCLUDE ALL WORK ITEMS NECESSARY FOR THE SUCCESSFUL EXECUTION OF THIS CONTRACT.
2. WORK FOR THIS PROJECT WAS DESIGNED BASED UPON THE USPS SCOPE OF WORK AS UNDERSTOOD BY AECOM TECHINCAL SERVICES WITHOUT THE AFORMENTIONED PLAN.
3. DEVELOP AND EXECUTE A WORK SCHEDULE IN COORDINATION WITH THE FACILITY SUCH THAT THE WORK SHALL NOT DETRIMENTALLY AFFECT THE ON-GOING OPERATION OF THE FACILITY.
4. REFER TO SPECIFICATIONS FOR GENERAL WORK REQUIREMENTS.

A. ELECTRIC VEHICLE CHARGING INSTALLATION AT NORTHERN VIRGINIA VMF:

1. REMOVE EXISTING LIGHT FIXTURES IN VEHICLE REPAIR (ROOM 100), WASH BAY (ROOM 101), TIRE ROOM (ROOM 112), PAINT SHOP (ROOM 113) AND TIRE STORAGE (ROOM 115).
2. INSTALL NEW LED LIGHT FIXTURES IN VEHICLE REPAIR (ROOM 100), WASH BAY (ROOM 101), TIRE ROOM (ROOM 112), PAINT SHOP (ROOM 113) AND TIRE STORAGE (ROOM 115).
3. INSTALL TWO (2) MINI POWER ZONES AT NEW PARKING SPACES SHOWN.
4. INSTALL TWO (2) 19.2KW SINGLE PORT CHARGING STATIONS AT NEW PARKING SPACES.
5. INSTALL ALL CONDUIT AND WIRE AS INDICATED ON PLANS FOR FULLY FUNCTIONAL ELECTRIC VEHICLE CHARGING.
6. PATCH AND RESTORE EXISTING SURFACES AND CONDITIONS AFFECTED BY THE DEMOLITION AND NEW WORK.

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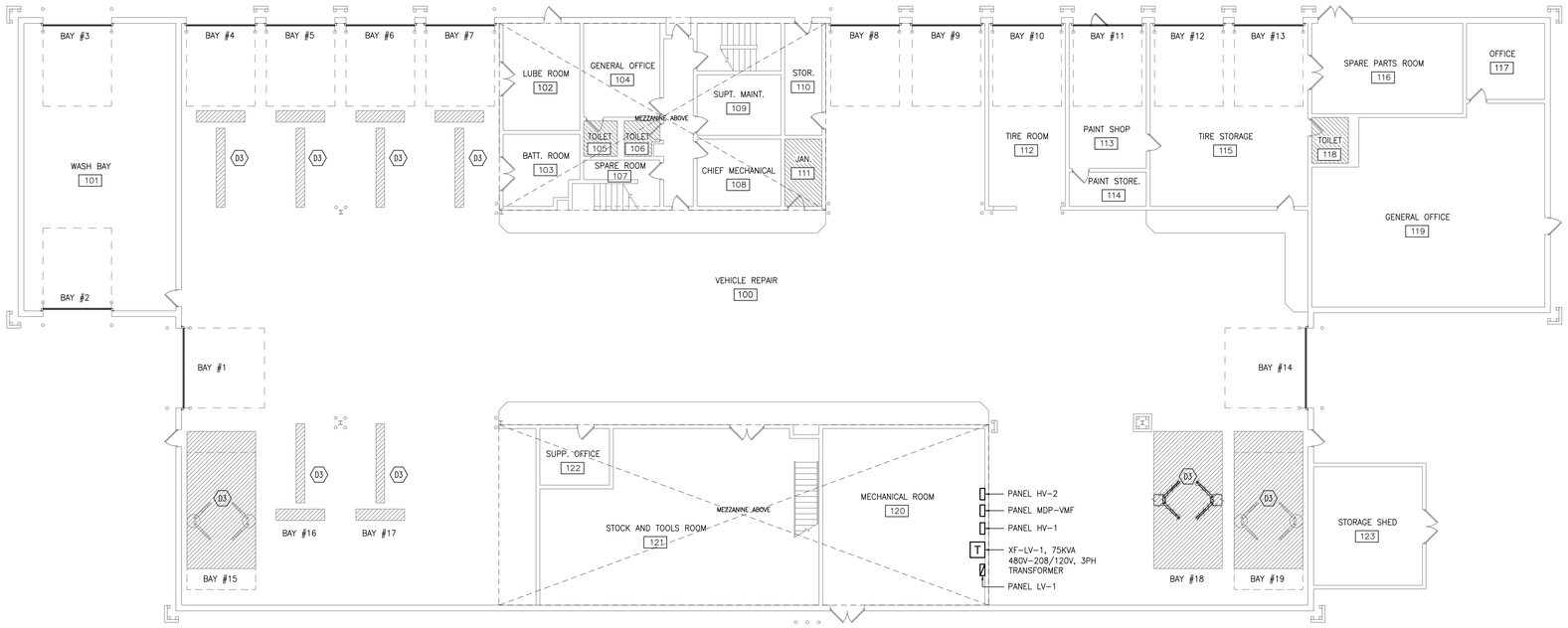
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E0.01 ELECTRICAL GENERAL NOTES

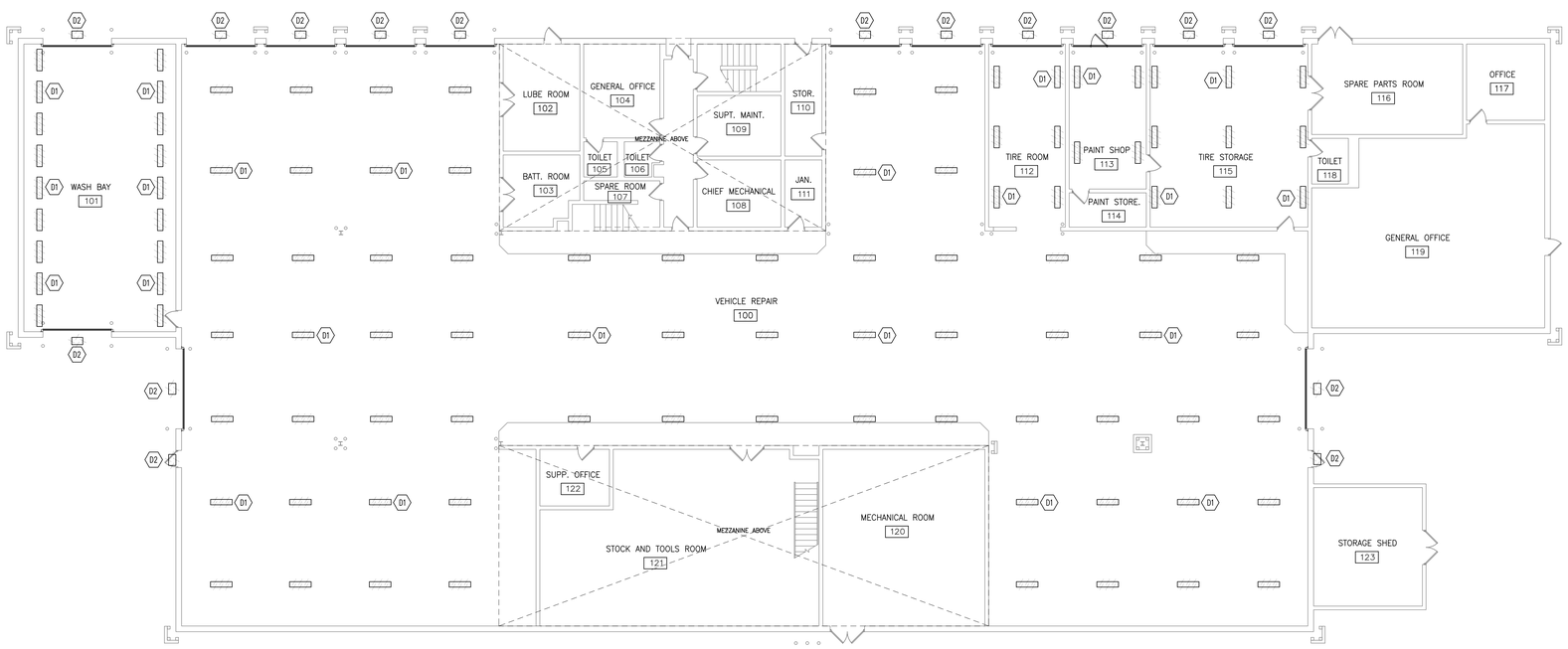
Scale: NONE Date: 09/02/2026 Revisions:
Project:
USPS File Number: KJ3601 Document Release:



1 E1.00 NORTHERN VIRGINIA VMF DEMOLITION FLOOR PLAN

SCALE: 3/32" = 1'-0"

0 8' 16' 24



2 E1.00 NORTHERN VIRGINIA VMF DEMOLITION CEILING PLAN

SCALE: 3/32" = 1'-0"

0 8' 16' 24

GENERAL NOTES:

1. REFER TO DRAWING E0.01 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND ADDITIONAL GENERAL NOTES.

KEY NOTES:

(DX) 'X' DENOTES KEY NOTE NUMBER BELOW

1. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES IN WORKROOM AREA. SAFE-OFF WIRING FOR REUSE.
2. DISCONNECT AND REMOVE EXISTING EXTERIOR LIGHT FIXTURES MOUNTED ON BUILDING. SAFE-OFF WIRING FOR REUSE.
3. LIFTS NOT IN SCOPE, EXCEPT AS KEY NOTES INDICATED.

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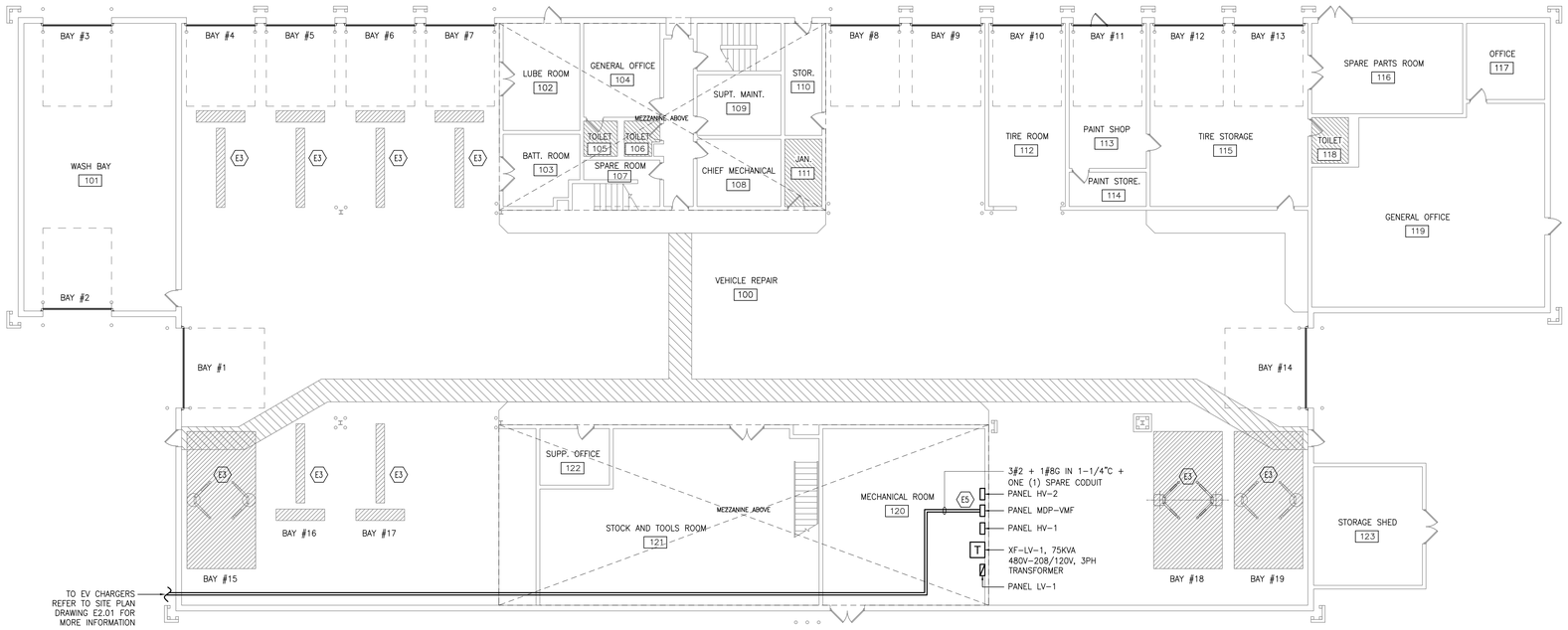
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E1.00 VMF ELECTRICAL DEMOLITION FLOOR PLAN

Scale: 3/32"=1'-0" Date: 09/02/2026 Revisions:
Project: Document Release:
USPS File Number: KA3601



1 E2.00 NORTHERN VIRGINIA VMF ELECTRICAL FLOOR PLAN

SCALE: 3/32" = 1'-0"

0 8' 16' 24

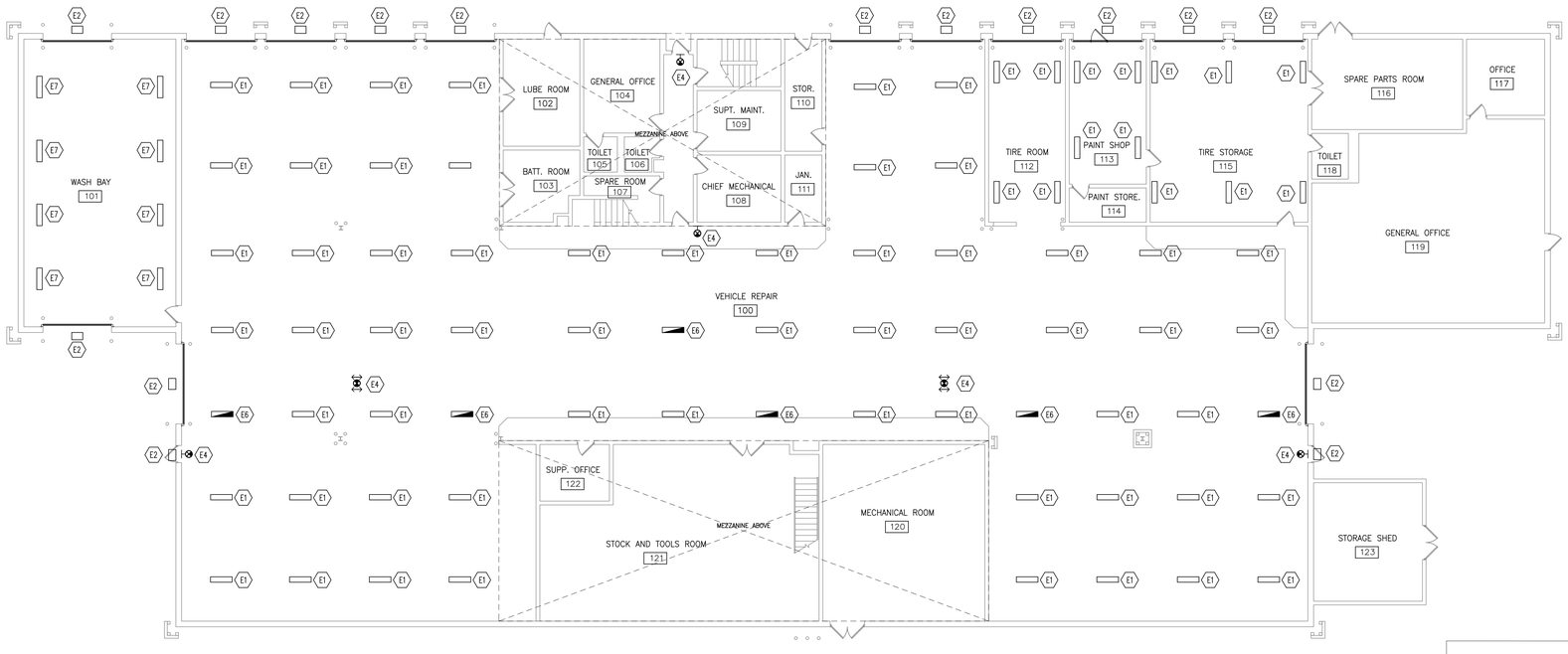
GENERAL NOTES:

1. REFER TO DRAWING E0.01 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND ADDITIONAL GENERAL NOTES.
2. CONDUITS FOR MINI-POWER ZONES SHALL BE ROUTED FROM PANEL MDP-VMF TO CHARGING LOCATION BY UNDERGROUND ROUTING. ROUTING AREA TO BE COORDINATED WITH USPS AND EXCAVATED DURING ROUTING AND BACKFILLED AND REPAIRED UPON COMPLETION OF CONDUIT ROUTING.
3. INSTALL A NEW WIRED TOGGLE SWITCH (1P, 2-WAY) TO PROVIDE MANUAL OVERRIDE FUNCTIONALITY FOR THE EXISTING OCCUPANCY SENSORS/SENSOR SWITCHES IN THE VEHICLE REPAIR ROOM.
4. FOR EACH EXISTING LIGHT CONTROL SWITCH IN THE WORK AREA, PROVIDE AND INSTALL A NEW OCCUPANCY SENSOR. REWIRE THE EXISTING LIGHT SWITCH CIRCUIT TO ALLOW THE EXISTING SWITCH TO ACT AS A MANUAL OVERRIDE FOR THE NEWLY INSTALLED OCCUPANCY SENSOR.
5. IF THERE IS NO CONTINUOUS POWER FEED FOR WHERE NEW LIGHT FIXTURES WITH BATTERY BACKUP TO BE INSTALLED, CONTRACTOR SHALL INSTALL A NEW WIRE WITH CONDUIT FROM EXISTING LIGHTING POWER SOURCE TO FIRST NEW BATTERY BACKUP LIGHT FIXTURE. NEW WIRE WITH CONDUIT CAN BE DAISY-CHAINED FROM FIRST NEW LIGHT FIXTURE DIRECTLY TO REMAINING NEW LIGHT FIXTURES WITH BATTERY BACKUP. NEW WIRE SIZE SHALL BE 1C-#12 AWG IN NEW CONDUIT SIZE 3/4" RGS.

KEY NOTES:

(EX) 'X' DENOTES KEY NOTE NUMBER BELOW

1. FURNISH AND INSTALL PENDANT MOUNTED LED LIGHT FIXTURE AS SHOWN. EXTEND EXISTING WIRING AND CONDUIT FROM EXISTING LIGHTING CIRCUIT AS REQUIRED OR CONNECT TO NEAREST EXISTING PENDANT MOUNTED LIGHTING CIRCUIT VIA 2#12 + 1#12G IN 3/4" FOR CONNECTION TO NEW FIXTURE. LIGHT FIXTURE SHALL BE LITHONIA LIGHTING #XIB-L24-24000LM-ATWD-GZ10-50K-90CRI OR APPROVED EQUAL.
2. FURNISH AND INSTALL SURFACE MOUNTED LIGHT FIXTURE IN SAME LOCATION AS EXISTING AS SHOWN. EXTEND WIRING AND CONDUIT AS REQUIRED FOR CONNECTION TO NEW FIXTURE. LIGHT FIXTURE SHALL BE LITHONIA LIGHTING #TWR2-LED-ALO-SWW2-UVOLT-PE-DDBTXD OR APPROVED EQUAL.
3. LIFTS NOT IN SCOPE, EXCEPT AS KEY NOTES INDICATED.
4. FURNISH AND INSTALL NEW EXIT LIGHT FIXTURE WITH EMERGENCY BATTERY BACKUP AT LOCATION SHOWN. EXTEND WIRING AND CONDUIT FROM EXISTING EXIT FIXTURES TO CONNECT TO NEW FIXTURE. FOR FINAL LOCATION OF EXIT LIGHTS REFER TO VMF LIFE SAFETY PLAN (G0.02). LIGHT FIXTURE SHALL BE LEGRAND KENALL METDU/METSW SERIES WITH BATTERY BACKUP OR APPROVED EQUAL.
5. EC TO PROVIDE TWO (2) SPARES WITH TWO (2) 100A-2P CIRCUIT BREAKERS IN PANEL MDP-VMF. CONNECT 100A-2P CIRCUIT BREAKER WITH TWO (2) MINI POWER ZONES OF 100A EACH.
6. FURNISH AND INSTALL EMERGENCY LIGHT FIXTURE ALONG PATH OF EGRESS AS SHOWN. EXTEND WIRING AND CONDUIT FROM EXISTING LIGHTING CIRCUIT AS REQUIRED FOR THE CONNECTION TO THE NEW FIXTURE. LIGHT FIXTURE SHALL BE XIB-L24-24000LM-ATWD-GZ10-40K-90CRI-E18WCPHECW OR APPROVED EQUAL.
7. FURNISH AND INSTALL PENDANT MOUNTED WEATHERPROOF LED LIGHT FIXTURE AS SHOWN. EXTEND EXISTING WIRING AND CONDUIT FROM EXISTING LIGHTING CIRCUIT AS REQUIRED FOR CONNECTION TO NEW FIXTURE. LIGHT FIXTURE SHALL BE LITHONIA LIGHTING XIB-L24-24000LM-ATWD-50K-90CRI-NSG OR APPROVED EQUAL OR APPROVED EQUAL.



2 E2.00 NORTHERN VIRGINIA VMF ELECTRICAL CEILING PLAN

SCALE: 3/32" = 1'-0"

0 8' 16' 24

LUMINARIES SCHEDULE

TAG	MANUFACTURER	MODEL	QUANTITY	MOUNTING TYPE	LOCATION
E1	LITHONIA LIGHTING	XIB-L24-24000LM-ATWD-GZ10-50K-90CRI OR APPROVED EQUAL	73	PENDANT	INTERNAL
E2	LITHONIA LIGHTING	TWR2-LED-ALO-SWW2-UVOLT-PE-DDBTXD OR APPROVED EQUAL	16	SURFACE	EXTERNAL
E4	LEGRAND	LEGRAND KENALL METDU/METSW SERIES WITH BATTERY BACKUP OR APPROVED EQUAL.	06	WALL/PENDANT	EXTERNAL
E6	LITHONIA LIGHTING	XIB-L24-24000LM-ATWD-GZ10-50K-90CRI-E18WCPHECW OR APPROVED EQUAL	06	PENDANT	INTERNAL
E8	LITHONIA LIGHTING	XIB-L24-24000LM-ATWD-50K-90CRI-NSG OR APPROVED EQUAL	08	PENDANT	INTERNAL

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E2.00 VMF ELECTRICAL FLOOR PLAN

Scale: 3/32"=1'-0" Date: 09/02/2026 Revisions:
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USPS File Number: K33603

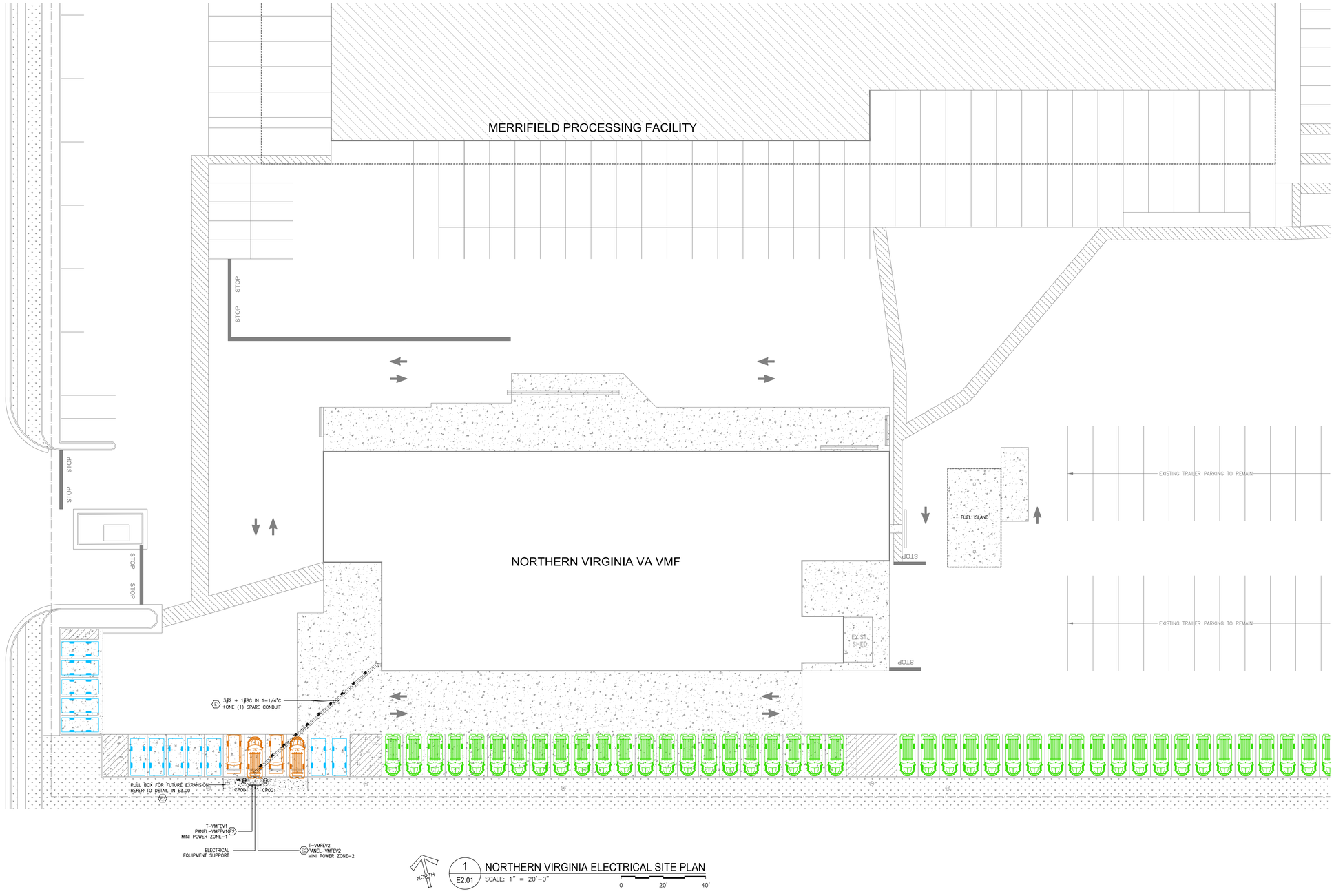
GENERAL NOTES:

1. REFER TO DRAWING E0.01 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND ADDITIONAL GENERAL NOTES.
2. CONDUITS FOR MINI-POWER ZONES SHALL BE ROUTED FROM PANEL MDP-VMF TO CHARGING LOCATION BY UNDERGROUND ROUTING. ROUTING AREA TO BE COORDINATED WITH USPS AND EXCAVATED DURING ROUTING AND BACKFILLED AND REPAIRED UPON COMPLETION OF CONDUIT ROUTING.

KEY NOTES:

(XX) 'X' DENOTES KEY NOTE NUMBER BELOW

1. ELECTRICAL CONDUITS TO BE ROUTED TO CHARGER LOCATIONS VIA TRENCH. PROVIDE ONE (1) 1-1/4" SPARE CONDUIT FOR FUTURE USE. REFER TO DRAWING E3.00 FOR CONDUIT ROUTING UNDER PAVED AREAS. EXCAVATION PATHS SHALL BE COORDINATED WITH GC. PHASING OF EXCAVATION/SAW CUTTING SHALL BE COORDINATED WITH GC AS TO NOT AFFECT NEW PAVEMENT AND STRAPPING WORK.
2. PROVIDE MOUNTING FOR 25 KVA MINI POWER ZONE. REFER TO E3.00. COORDINATE WITH EQUIPMENT DRAWINGS FOR CLEARANCE AND INSTALLATION INSTRUCTIONS.
3. EC HAS TO TAKE NECESSARY STEPS TO INSTALL THE OUTDOOR PULL BOX TO CONNECT THE UNDERGROUND SPARE CONDUIT FOR FUTURE USE AS INDICATED ON THE PLAN.



1 E2.01 NORTHERN VIRGINIA ELECTRICAL SITE PLAN
SCALE: 1" = 20'-0"
0 20' 40'

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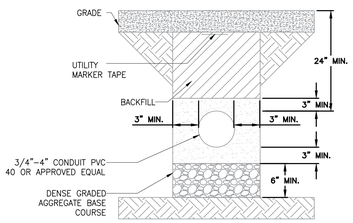
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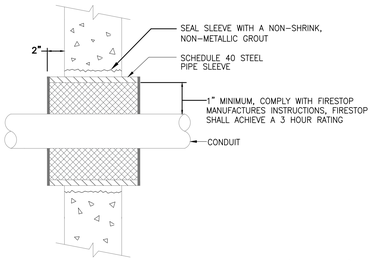
E2.01 VMF ELECTRICAL SITE PLAN

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Revisions:
Document Release:



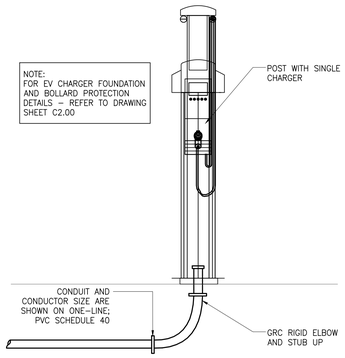
CONDUIT ROUTING UNDER PAVED AREA

N.T.S.



CONDUIT PENETRATION OF WALLS (TYPICAL)

N.T.S.



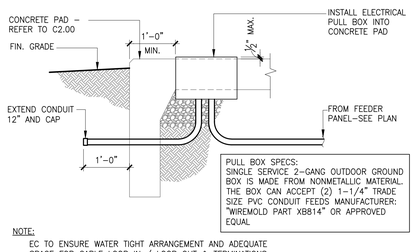
EV CHARGER HARDWARE LIST	
TYPE	COUNT
SINGLE CIRCUIT POST	2

CHARGE POINT CP6011B
POWER FACTOR AND EFFICIENCY INFORMATION IS NOT AVAILABLE. TO SIMPLIFY DESIGN, CHARGER OUTPUT VALUES (PROVIDED BY MANUFACTURER IN kW) HAVE BEEN CONVERTED TO kVA USING A POWER FACTOR AND EFFICIENCY OF 1. THE CHARGER OUTPUT VALUE IS CONSIDERED TO BE THE MAXIMUM POSSIBLE OUTPUT TO THE EV.

REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS FOR VOLTAGE SHOWN ON EVSE SCHEDULE FOR ELECTRICAL CONNECTIONS. PROVIDE OUTPUT SETTING AT 80A AT EACH CHARGER. USPS TO PROVIDE COMMISSIONING AND ENERGY MANAGEMENT SYSTEM.

CHARGER CONDUIT ROUTING

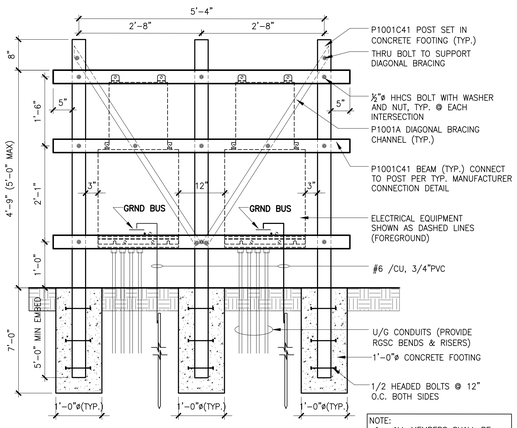
N.T.S.



NOTE:
EC TO ENSURE WATER TIGHT ARRANGEMENT AND ADEQUATE SPACE FOR CABLE LOOP IN / LOOP OUT & TERMINATIONS.

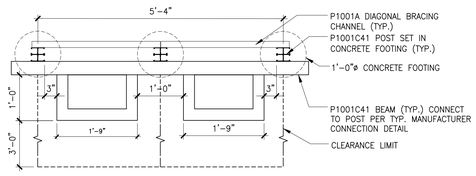
ELECTRICAL PULL BOX DETAIL AT CONCRETE PAD

N.T.S.



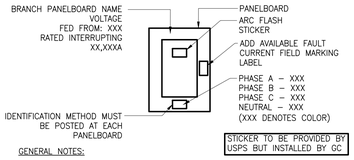
NOTE:
1. ALL MEMBERS SHALL BE 12GA MIN. GALVANIZED STEEL
2. 500 LBS PER ELECTRICAL BOX

RACK DETAIL



PLAN VIEW
ELECTRICAL EQUIPMENT SUPPORT

N.T.S.

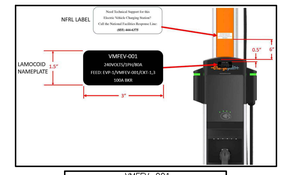


GENERAL NOTES:

A. WHEN MORE THAN ONE NORMAL VOLTAGE SYSTEM SUPPLIES THE PREMISES THE FOLLOWING MUST BE APPLIED PER NFPA 70.
   a. ALL DISTRIBUTION EQUIPMENT AS DEFINED BY NFPA 70 SHALL BE IDENTIFIED BY SYSTEM.
   b. IDENTIFICATION OF BRANCH CIRCUITS MUST BE IDENTIFY BY COLOR CODING, TAGGING, MARKING TAPE OR APPROVED MEANS AND SHALL BE PERMANENTLY POSTED AT BRANCH CIRCUIT PANELBOARD OR SIMILAR BRANCH CIRCUIT DISTRIBUTION EQUIPMENT.
B. CONTENTS OF LABELS SHOW IN DETAIL ARE EXAMPLES ONLY. REFER TO SPECIFICATIONS FOR EXACT REQUIREMENTS OF EACH LABEL.

PANEL IDENTIFICATION DETAIL

N.T.S.



VMFEV-001
240V/1PH/80A
FEED: EVP-1/VMFEV-001/CKT-1,3
100A BKR

EVSE CHARGING UNIT LABEL

Need Technical Support for this
Electric Vehicle Charging Station?
Call the National Facilities Response Line:
(855) 444-6375

NFRL SUPPORT LABEL

NFRL LABEL IS TO BE FURNISHED BY USPS AND INSTALLED BY EC.

NOTES:

1. ADHERE SINGLE SELF ADHESIVE LAMOCOID NAMEPLATE TO EACH EVSE AS SHOWN IN THE DIAGRAM. CLEAN SURFACES BEFORE APPLICATION
2. NAMEPLATE SHALL BE BLACK BACKGROUND AND ENGRAVED WITH WHITE LETTERS.
3. CENTER AND ADHERE NFRL LABEL ON EVSE PEDESTAL AS SHOWN IN THE DIAGRAM.

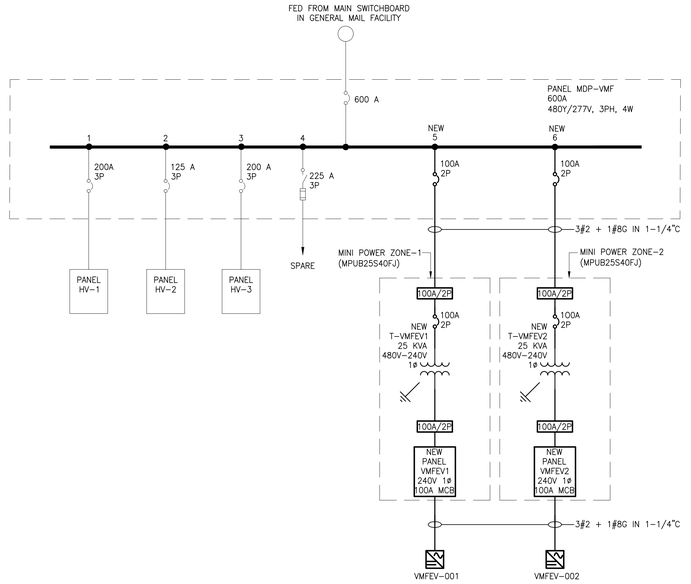
VMFEV LABEL

N.T.S.

TRANSFORMER SCHEDULE									
IDENTIFICATION	KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	PHASE	MOUNTING STYLE	LOCATION	K-RATING	WINDINGS	TEMPERATURE RATING	NOTES
T-VMFEV1	25	480 V	240 V	1	STEEL STRUCTURE	PARKING LOT OF VMF	STD	COPPER	150°C	
T-VMFEV2	25	480 V	240 V	1	STEEL STRUCTURE	PARKING LOT OF VMF	STD	COPPER	150°C	

NOTE: STOCK OPTIONS HAVE BEEN SPECIFIED DUE TO CONSTRUCTION SCHEDULE.

EVSE SCHEDULE							
EVSE #	USPS KIT #	MCB	OUTPUT (VA)	PANEL	CIRCUITS	DESCRIPTION	MODEL
1	CP001	240V, 1ø – 80A (100A BREAKER)	19,200	MINI POWER ZONE	–	SINGLE PORT, PEDESTAL MOUNT, WITH INCLUDED 23' CABLE	CP6011B-80A-L7
2	CP001	240V, 1ø – 80A (100A BREAKER)	19,200	MINI POWER ZONE	–	SINGLE PORT, PEDESTAL MOUNT, WITH INCLUDED 23' CABLE	CP6011B-80A-L7



VMF ONE-LINE DIAGRAM

N.T.S.

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UNITED STATES POSTAL SERVICE

E3.00 ELECTRICAL ONE LINE DIAGRAM & DETAILS

Scale: AS NOTED
Project:
Date: 09/02/2026
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