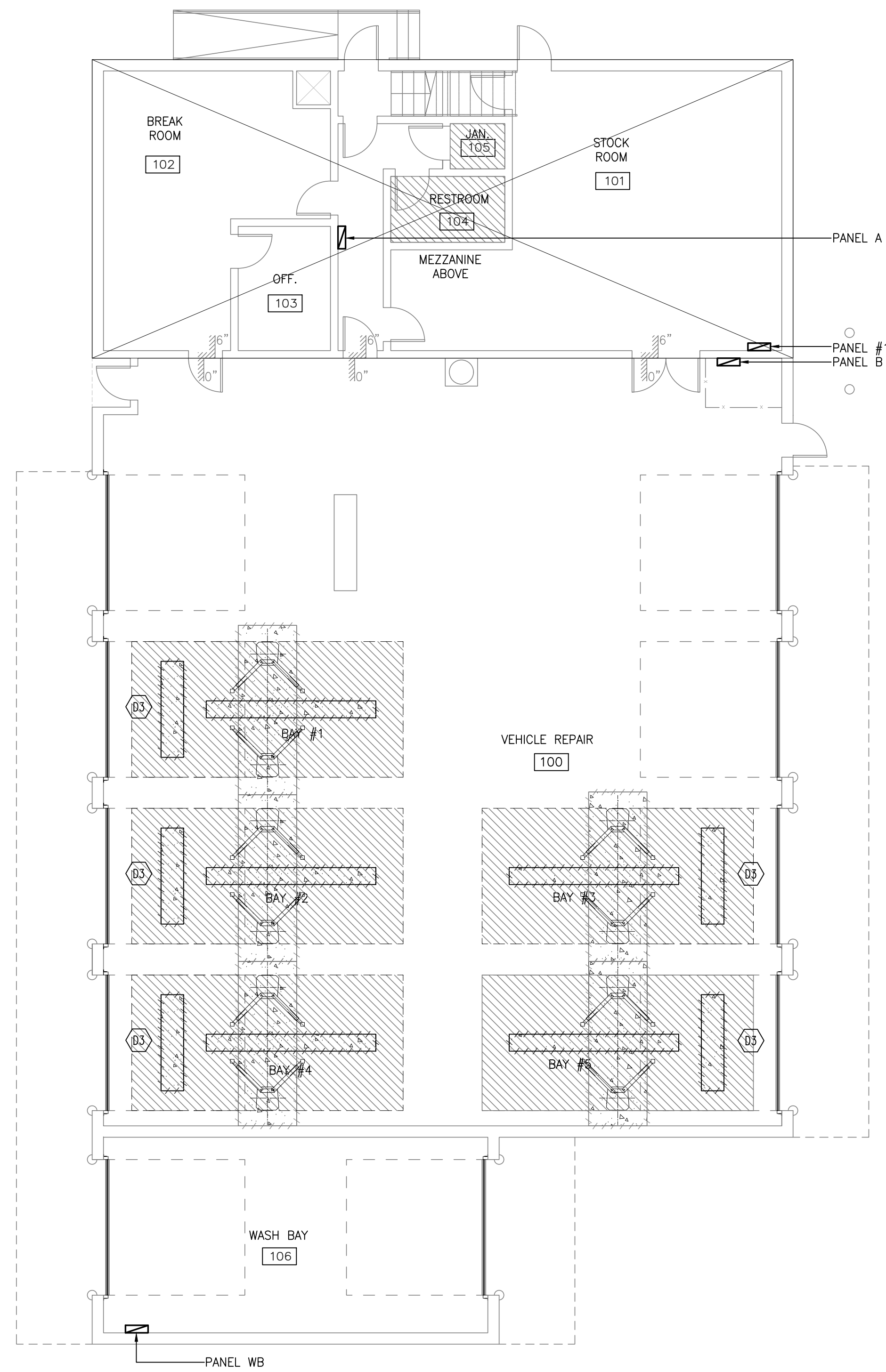


GENERAL NOTES	
1. ALL WORK, EQUIPMENT AND MATERIALS FURNISHED SHALL CONFIRM TO REQUIREMENTS AND SPECIFICATIONS OF THE NATIONAL ELECTRICAL CODE, THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION, THE INSTITUTE OF ELECTRONICS AND ELECTRICAL ENGINEERS, THE INSULATED CABLE ENGINEERS, THE AMERICAN SOCIETY 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. APPLICATIONTYPE OF CONDUIT SURFACE MOUNTED FINISHED AREA CONCEALED FINISHED AREA OR RUNS WITHIN EXISTING WALLS SURFACE MOUNTED UNFINISHED AREAS RUNS ABOVE HUNG CEILING CONCEALED OUTDOORS WIREMOLD GREENFIELD (3/4" TRADE SIZE) ELECTRICAL METALLIC TUBING ELECTRICAL METALLIC TUBINGEXPOSED OR 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
A/C	AMPERE INTERRUPTING CAPACITY
AT	AMPERE TRIP
AWG	AMERICAN WIRE GAUGE
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
N/C	NOT IN CONTRACT
P	POLE
P/NL	PANEL
QTY	QUANTITY
(R)	EXISTING EQUIPMENT/DEVICE TO BE REMOVED
(RE)	RELOCATED EXISTING EQUIPMENT/DEVICE
SW	SWITCH
SWBD	SWITCH BOARD
TEMP	TEMPORARY
TOP	TOP OF FIXTURE
TYP	TYPICAL
UL	UNDERWRITER'S LABORATORIES
UNO	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

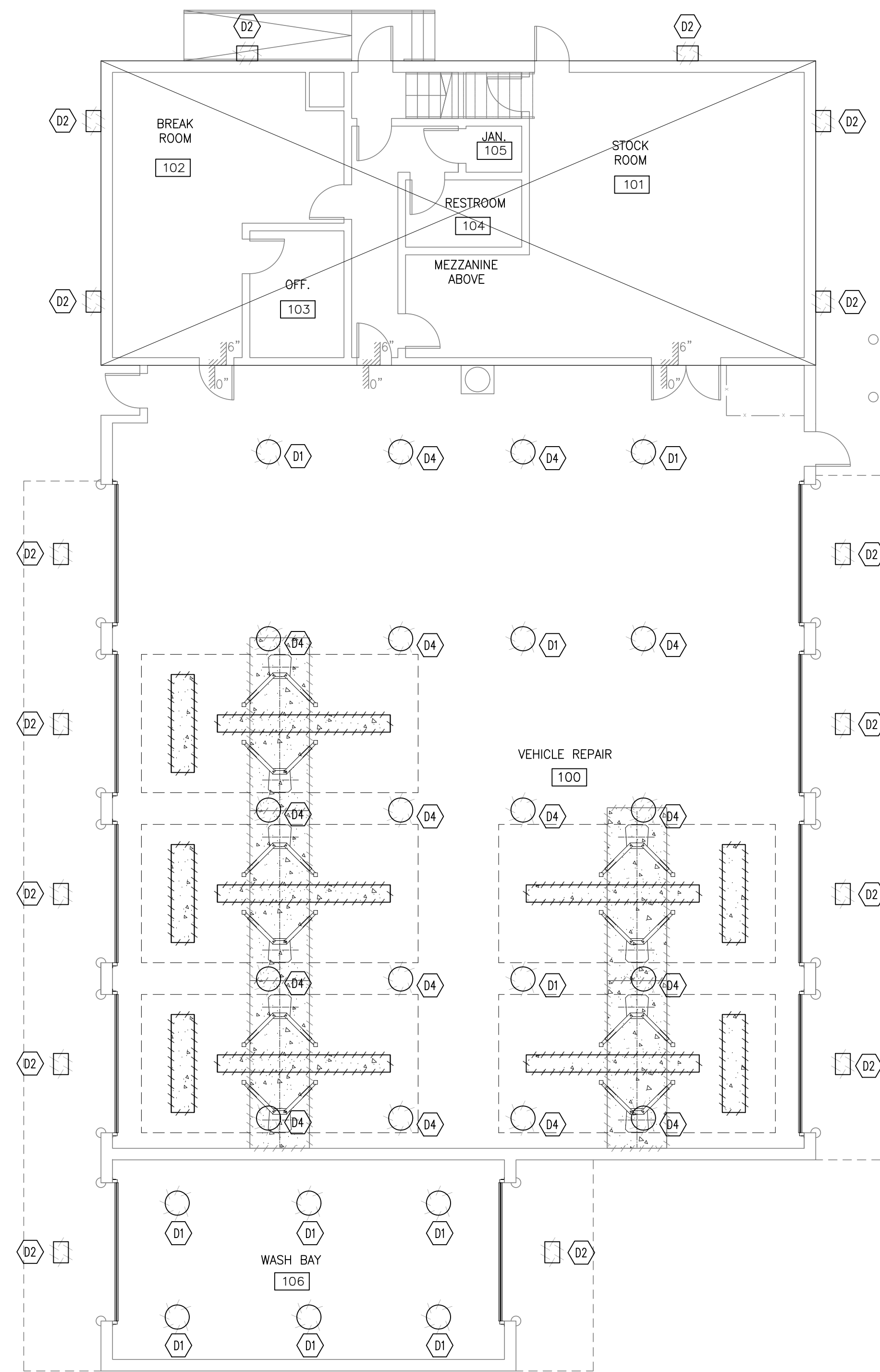
SYMBOLS	
POWER	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (NEMA 5-20R) - MOUNT +18" AFF, UON.
	QUADRUPLX RECEPTACLE (NEMA 5-20R) - MOUNT +18" AFF, UON.
	TELECOMMUNICATION OUTLET - MOUNT +18" AFF, PROVIDE CONDUIT TO CEILING SPACE. PROVIDE CABLE TO MDF ROOM.
	WALL MOUNTED JUNCTION OR OUTLET BOX - MOUNT +18" AFF, USE AS INDICATED.
	JUNCTION BOX
	PANELBOARD - 480/277 VOLT
	PANELBOARD - 208/120 VOLT
	TRANSFORMER
	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
	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
	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. CONTRACTOR 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 ALEXANDRIA AUX VMF: 1. REMOVE EXISTING LIGHT FIXTURES IN VEHICLE REPAIR (ROOM 100) AND WASHBAY (106). 2. INSTALL NEW LED LIGHT FIXTURES IN VEHICLE REPAIR (ROOM 100), AND WASHBAY (106). 3. PATCH AND RESTORE EXISTING SURFACES AND CONDITIONS AFFECTED BY THE DEMOLITION AND NEW WORK.	



1 ALEXANDRIA AUX-OF NORTHERN VMF DEMOLITION FLOOR PLAN
E1.00 SCALE: 1/8" = 1'-0"

0 4' 8' 16'



2 ALEXANDRIA AUX-OF NORTHERN VMF DEMOLITION CEILING PLAN
E1.00 SCALE: 1/8" = 1'-0"

0 4' 8' 16'

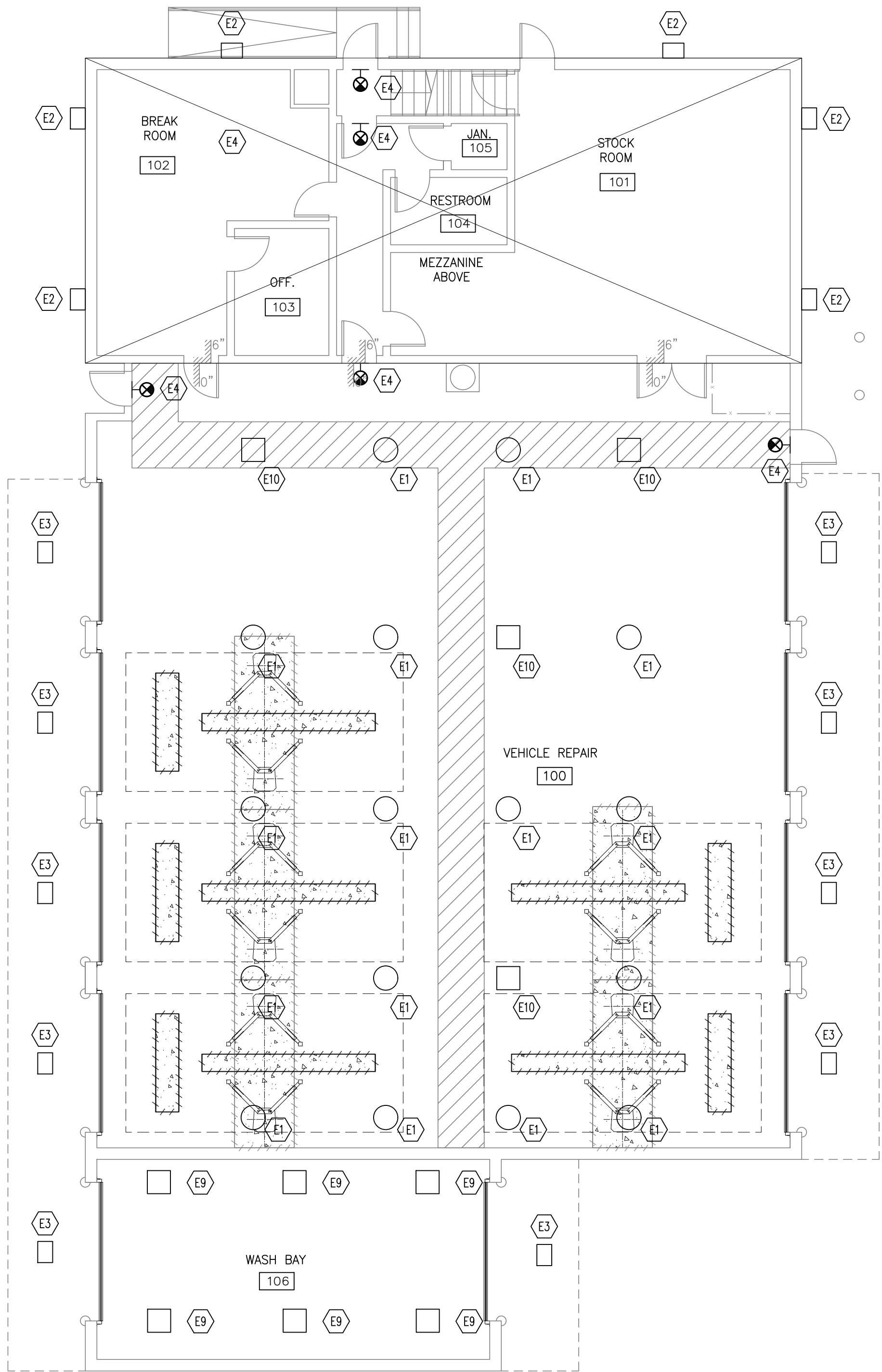
GENERAL NOTES:

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 PENDANT MOUNTED LIGHT FIXTURES IN WASH BAY AREA. REMOVE WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX OR SOURCE.
2. DISCONNECT AND REMOVE EXISTING EXTERIOR LIGHT FIXTURES MOUNTED ON BUILDING. SAFE-OFF WIRING FOR REUSE.
3. EXISTING LIFTS ARE NOT PART OF THE SCOPE AS THERE IS A SEPARATE ONGOING CONTRACT TO REPLACE THEM.
4. EXISTING PENDANT MOUNTED LIGHT FIXTURES IN WORKROOM AREA TO REMAIN.



1 ALEXANDRIA AUX-OF NORTHERN VMF ELECTRICAL CEILING PLAN
E2.00 SCALE: 1/8" = 1'-0"

0 4' 8' 16'

GENERAL NOTES:

1. REFER TO DRAWING E0.01 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND ADDITIONAL GENERAL NOTES.
2. REFER TO DRAWING E3.00 FOR PANEL SCHEDULES.
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.

KEY NOTES:

(X) "X" DENOTES KEY NOTE NUMBER BELOW

1. EXISTING LIGHT FIXTURES TO REMAIN.
2. FURNISH AND INSTALL EXTERIOR 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-DBBTD OR APPROVED EQUAL.
3. FURNISH AND INSTALL NEW EXTERIOR LED LIGHT FIXTURE. EXTEND WIRING AND CONDUIT AS REQUIRED FOR CONNECTION TO NEW FIXTURE. LIGHT FIXTURE SHALL BE LITHONIA LIGHTING CNY-LED-ALO-SWW2-UVOLT-PE-PIR-DD OR APPROVED EQUAL.
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 (00.02). LIGHT FIXTURE SHALL BE LEGRAND KENALL METDU/METSW SERIES OR APPROVED EQUAL.
5. NOT IN USE
6. NOT IN USE
7. EXISTING LIGHTS ARE NOT PART OF THE SCOPE AS THERE IS A SEPARATE ONGOING CONTRACT TO REPLACE THEM.
8. NOT USED.
9. 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-L24-15000LM-ATWD-50K-90CRI-NSG OR APPROVED EQUAL.
10. 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-L24-15000LM-ATWD-50K-90CRI-E18WCPHECW OR APPROVED EQUAL. 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.

LUMINARIES SCHEDULE					
TAG	MANUFACTURER	MODEL	QUANTITY	MOUNTING TYPE	LOCATION
E2	LITHONIA LIGHTING	TWR2-LED-ALO-SWW2-UVOLT-PE-DBBTD OR APPROVED EQUAL	06	SURFACE	EXTERNAL
E3	LITHONIA LIGHTING	CNY LED ALO SWW2 UVOLT PE PIR DD OR APPROVED EQUAL	10	DOWN LIGHT	EXTERNAL
E9	LITHONIA LIGHTING	XIB-L24-15000LM-ATWD-50K-90CRI-NSG OR APPROVED EQUAL	06	PENDANT	INTERNAL
E4	LEGRAND	LEGRAND KENALL METDU/METSW SERIES WITH BATTERY BACKUP OR APPROVED EQUAL	5	WALL/PENDANT	INTERNAL
E10	LITHONIA LIGHTING	XIB-L24-15000LM-ATWD-50K-90CRI-E18WCPHECW OR APPROVED EQUAL	4	PENDANT	INTERNAL

LIFT SCHEDULE							
SERVICE BAY NUMBER	LIFT TYPES	CAPACITY	MOTOR HP	VOLTAGE	MCA	MOCP	WIRE SIZE
1	IN GROUND HYDRAULIC VEHICLE LIFT	14,000 LBS	2				EXISTING LIFT TO REMAIN
2	IN GROUND HYDRAULIC VEHICLE LIFT	14,000 LBS	2				EXISTING LIFT TO REMAIN
3	IN GROUND HYDRAULIC VEHICLE LIFT	14,000 LBS	2				EXISTING LIFT TO REMAIN
4	IN GROUND HYDRAULIC VEHICLE LIFT	14,000 LBS	2				EXISTING LIFT TO REMAIN
5	IN GROUND HYDRAULIC VEHICLE LIFT	14,000 LBS	2				EXISTING LIFT TO REMAIN

