XX WALL-MOUNTED FIXTURE

LED FIXTURE 1' X 4'

LED FIXTURE 2' X 4'

LED FIXTURE 2' X 2'

XX LED DOWNLIGHT RECESSED

LED PENDANT

XX LED WALL WASHER RECESSED

LED POLE-TOP FIXTURE

LED EMERGENCY LIGHT

LIGHTED LED EXIT SIGN

WALL-MOUNTED DUPLEX

WALL-MOUNTED QUAD

WALL-MOUNTED SPLIT

WALL-MOUNTED SINGLE

WALL-MOUNTED GFI

WALL-MOUNTED 240V

WALL-MOUNTED SWITCHED

CEILING-MOUNTED DUPLEX

CEILING-MOUNTED SINGLE

FLOOR-MOUNTED SINGLE

FLOOR-MOUNTED DUPLEX

FLOOR-MOUNTED QUAD

AIR CONDITIONER

COMPLETE WITH

DIMMER LIGHT

EMPTY CONDUIT

EXHAUST FAN

CONDENSING UNIT

HOT WATER HEATER

CONDUIT

ABOVE FINISHED FLOOR

GROUND FAULT CIRCUIT INTERRUPTER

FLOOR-MOUNTED DEDICATED

DIRECT CONNECTION OUTLET

WALL-MOUNTED ISOLATED GROUND

WALL-MOUNTED DUPLEX DEDICATED

WALL-MOUNTED DUPLEX, 2 USB CHARGERS

XX LED IN-GROUND / SLAB FIXTURE

LED WALL WASHER

LED WALL MOUNT

HLV HEAT LIGHT VENT

))-XX

XX

(•) XX

RECEPTACLE

XX LED VAPOUR-PROOF FIXTURE 6" X 4"

XX LED WALL SCONCE OR RECESSED STEP LIGHT

HATCH DENOTES

EMERGENCY CIRCUIT

LUMINAIRE ON

 \mathcal{T}_{M} \$, LIGHT SWITCH C/W ROCKER PILOT LIGHT \$ OCCUPANCY SWITCH

ECLU **EMERGENCY LIGHTING CONTROL UNIT** OCCUPANCY SENSOR

LIGHTING CONTROL

 Ψ_3

 \mathcal{L}^{D}

DAYLIGHT PHOTOCELL SENSOR (X) ZONE DIGITAL TIMER

POWER DISTRIBUTION AND CONNECTION

SURFACE-MOUNT PANELBOARD RECESSED PANELBOARD

COMMUNICATIONS

 \bigvee

С

TV

 \bigcirc

LSIG

R

ER

JB

TL

WP

WAP

COMMS PANEL

VOICE/DATA

DOORBELL

TELEVISION

CATV

MUSIC SPEAKER

EXISTING TO REMAIN

JUNCTION BOX

WEATHER-PROOF

TWIST-LOCK

EXISTING TO BE REMOVED

EXISTING IN RELOCATED POSITION

SINGLE-GANG AUDIO/VISUAL

DOUBLE-GANG AUDIO/VISUAL

WIRELESS ACCESS POINT (WAP)

INTERCOM SYSTEM STATION (MASTER/SLAVE)

COMMUNICATIONS TERMINATIONS ENCLOSURE

ELECTRONIC TRIP UNIT C/W LONG SHORT

INSTANTANEOUS GROUND FAULT SETTINGS

VOICE

UTILITY METER

DISTRIBUTION TRANFORMER

JUNCTION BOX (20A,120V UNLESS OTHERWISE NOTED) DISCONNECT SWITCH MS

COMBINATION MAGNETIC STARTER VARIABLE FREQUENCY DRIVE

COMBINATION LIGHT & MOTOR CONNECTION SINGLE PHASE MOTOR CONNECTION

THREE PHASE MOTOR CONNECTION

DOOR HOLD OPEN DEVICE SMOKE DAMPER CONNECTOION

FIRE ALARM

DGP

S ST

FSDR

EOL

SPRINKLER

FIRE ALARM CONTROL PANEL

ANNUNCIATOR PANEL

DATA GATHERING PANEL

FIRE ALARM PULLSTATION

HORN/STROBE COMBINATION

HEAT (THERMAL) DETECTOR

SMOKE DETECTOR

FIRE EXTINGUSHIER

END-OF-LINE RESISTOR

SPRINKLER - FLOW SWITCH

FIREMAN'S HANDSET

STROBE

ACCESS CONTROL CARD ACCESS PANEL CAP

> \bigcirc BARRIER-FREE DOOR OPERATOR PB KEY PAD

CARD READER DOOR CONTACT

ELECTRO-MAGNETIC DOOR LOCK **ELECTRIC STRIKE**

H EL ELECTRIC LOCK

DOOR RELEASE PUSHBUTTON

SECURITY

SECURITY PANEL

MOTION DETECTOR WINDOW/DOOR CONTACT

SECURITY RACK SECURITY WORKSTATION C/W 24" LCD DISPLAY,

KEYBOARD, OPT MOUSE VIDEO SURVEILLANCE FIXED IP-BASED

DOME CAMERA

C. JAY O'CONNOR 2023 BERMUDA

PERMIT φ islandauton SU

DRAWING AL NOTES

SMOKE DETECTOR, DUCT-MOUNTED FIRE ALARM SPEAKER/STROBE COMBINATION FIRE ALARM FAN SHUTDOWN RELAY PS SPRINKLER - PRESSURE SWITCH SPRINKLER - SUPERVISED VALVE CV SPRINKLER - ALARM CHECK VALVE REQUEST TO EXIT MOTION SENSOR RNMENT ORGE'S



ELECTRICAL NOTES E100 DETAILS

2. GFCI devices shall be 20 ampere duplex w/U ground pin.

N.T.S

ELECTRICAL LEGEND E100 DETAILS

ABBREVIATIONS

AC

AFF

C/C

C/W

CU

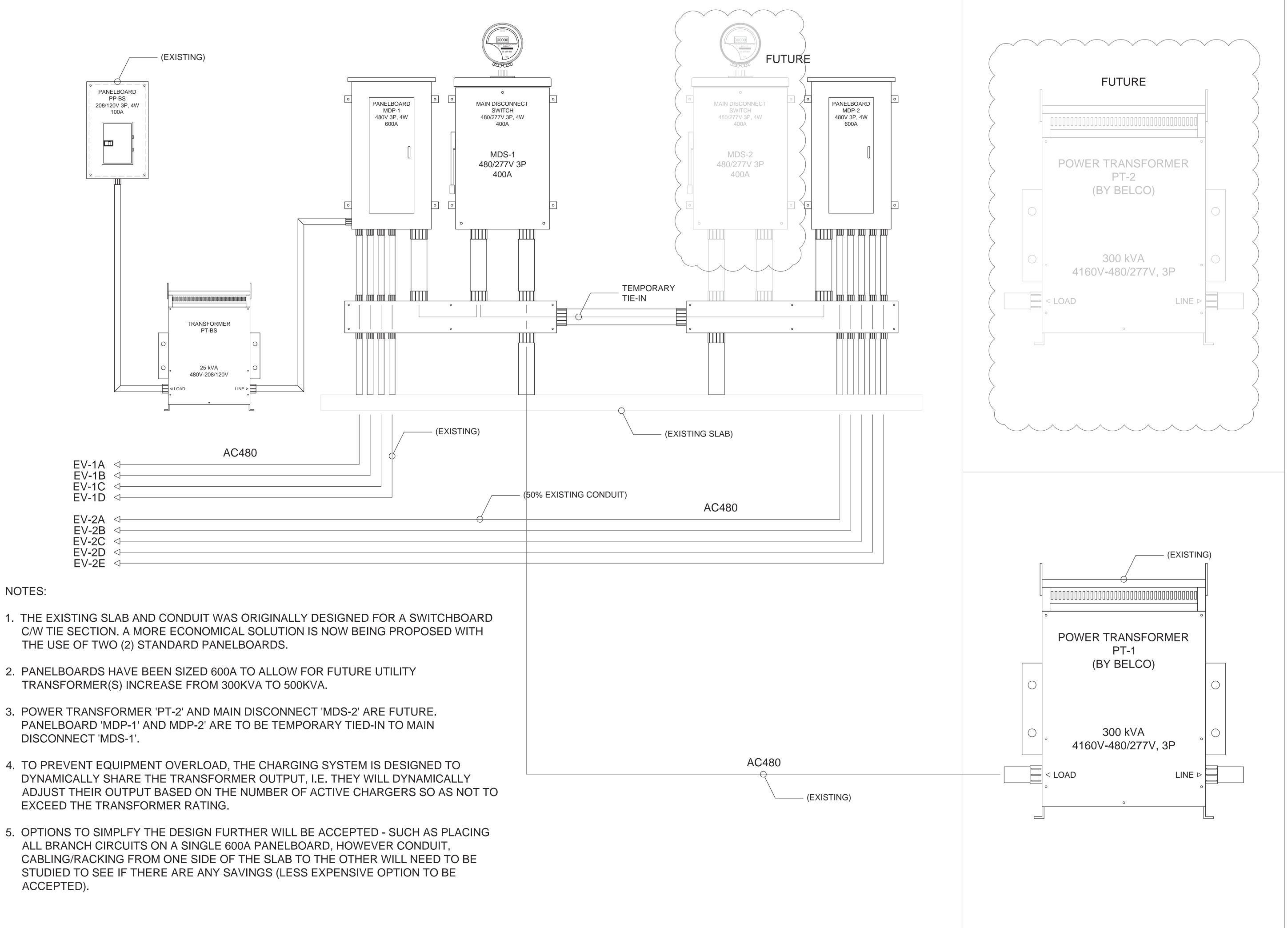
DL

EC

EF

GFI/GFCI HWH

N.T.S



NOTES:



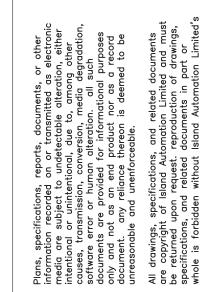
islandautomation limited

	ELECTRIC SERVICE PANEL SCHEDULE									
PANELBOARD 'MDP-1' EV CHARGING PEDESTALS SIEMENS (OR EQUAL) 600A 480V 3P-4W, 14KA (MIN)	DECODIDATION	BREAKERS	BARS/POLES			BREAKERS	DECODIDATION			
	DESCRIPTION	POLE-AMP	L1 L2 L3			POLE-AMP	DESCRIPTION			
	CHARGING STATION EV-1A	3P-125A	1 3 5		4 6	3P-125A	CHARGING STATION EV-1B			
	CHARGING STATION EV-1C	3P-125A	7 9 11		8 10 12	3P-125A	CHARGING STATION EV-1D			
	SPARE	3P-125A	13 15 17		14 16 18		_			
	TVSS (PRICE AS OPTION)	-	19 21 23		20 22 24	3P-30A	FEED TO PP-BS via PT-BS			

	ELECTRIC SERVICE PANEL SCHEDULE									
PANELBOARD 'MDP-2' EV CHARGING PEDESTALS SIEMENS (OR EQUAL) 600A 480V 3P-4W, 14KA (MIN)	DESCRIPTION	BREAKERS	BARS/POLES			BREAKERS	DESCRIPTION			
		POLE-AMP	L1 L2 L3			POLE-AMP				
	CHARGING STATION EV-2A	3P-125A	1		2					
			3		4	3P-125A	CHARGING STATION EV-2B			
			5		6					
	CHARGING STATION EV-2C		7	-	8					
		3P-125A	9		10	3P-125A	CHARGING STATION EV-2D			
			11	<u> </u>	12					
			13	-	14					
	CHARGING STATION EV-2E	3P-125A	15		16	_	-			
			17		18					
	TVSS (PRICE AS OPTION)	-	19		20					
			21		22	-	-			
			23		24					

NOTES:

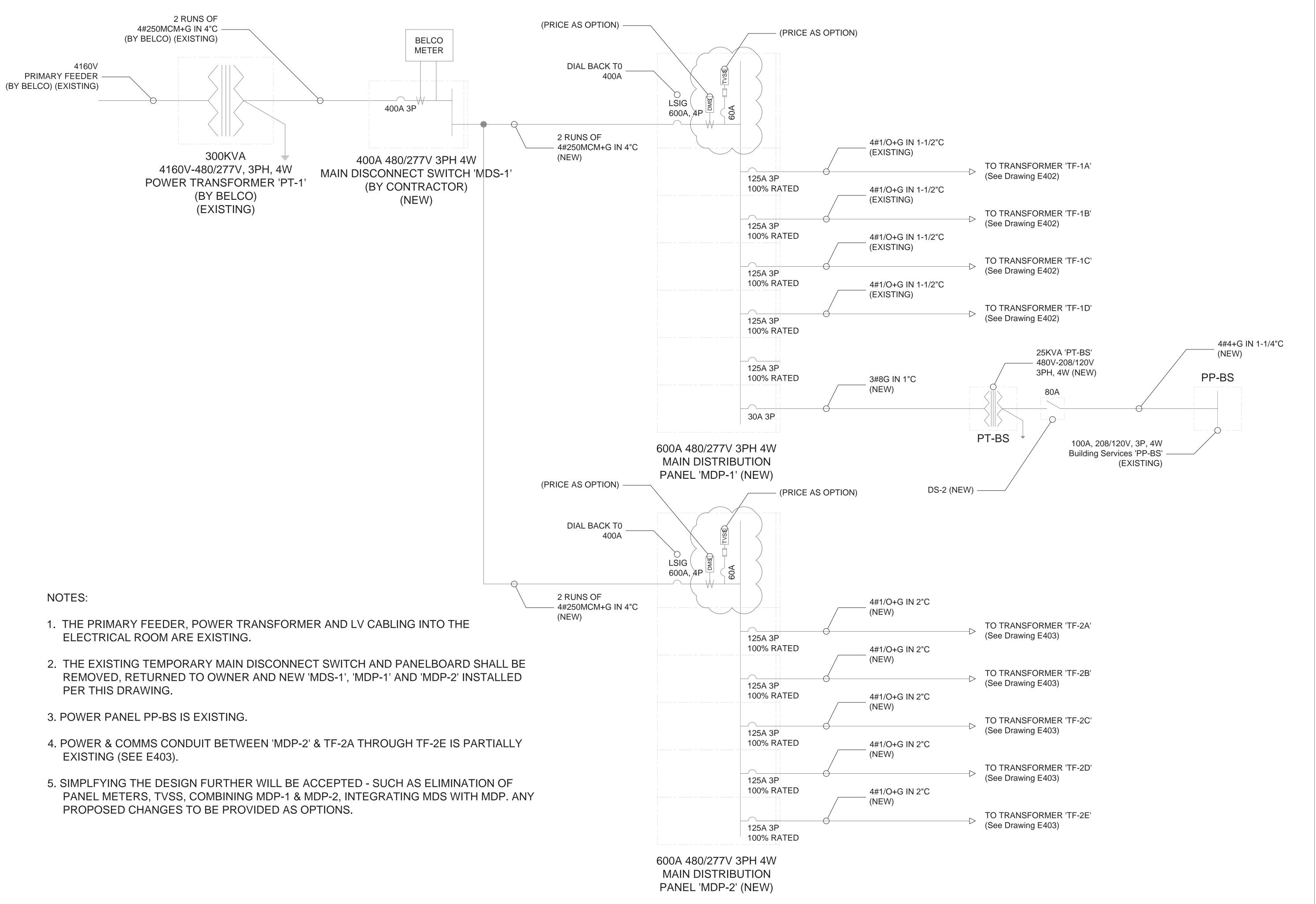
- 1. PANELBOARDS SHALL BE SIEMENS, EATON, SQUARE-D (OR APPROVED EQUAL).
- 2. PANELBOARD RATING SHALL BE 14KA (MIN).
- 3. MAIN CIRCUIT BREAKER TO BE 100% RATED.
- 4. ALL BRANCH CIRCUIT BREAKERS TO BE 100% RATED.
- 5. MAIN CIRCUIT BREAKER TO BE DIALED BACK TO 400A.





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GOVERNMENT OF BERMUDA
ST. GEORGE'S BUS DEPOT
DEPARTMENT OF PUBLIC TRANSPORT
OLD MILITARY ROAD, ST. GEORGE'S
ARWN BY:
DATE: FEBRUAF
PANEL SCHEDULE





PERMIT islandautomation limited OR

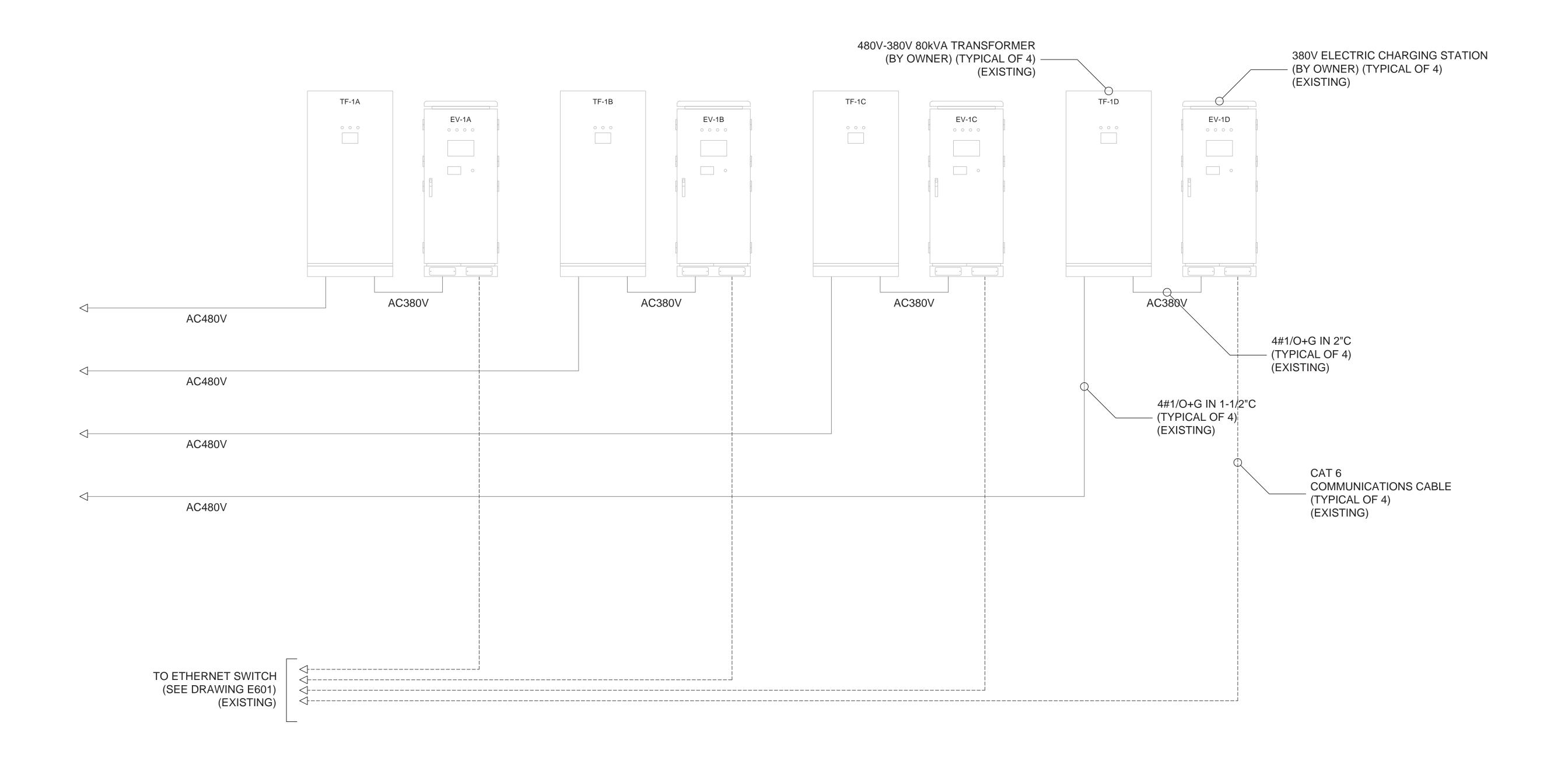
GOVERNMENT OF BERMUDA
ST. GEORGE'S BUS DEPOT

DEPARTMENT OF PUBLIC TRANSPORT
OLD MILITARY ROAD, ST. GEORGE'S

A80V MAIN DISTRIBUTION
SCALE:

SCALE:

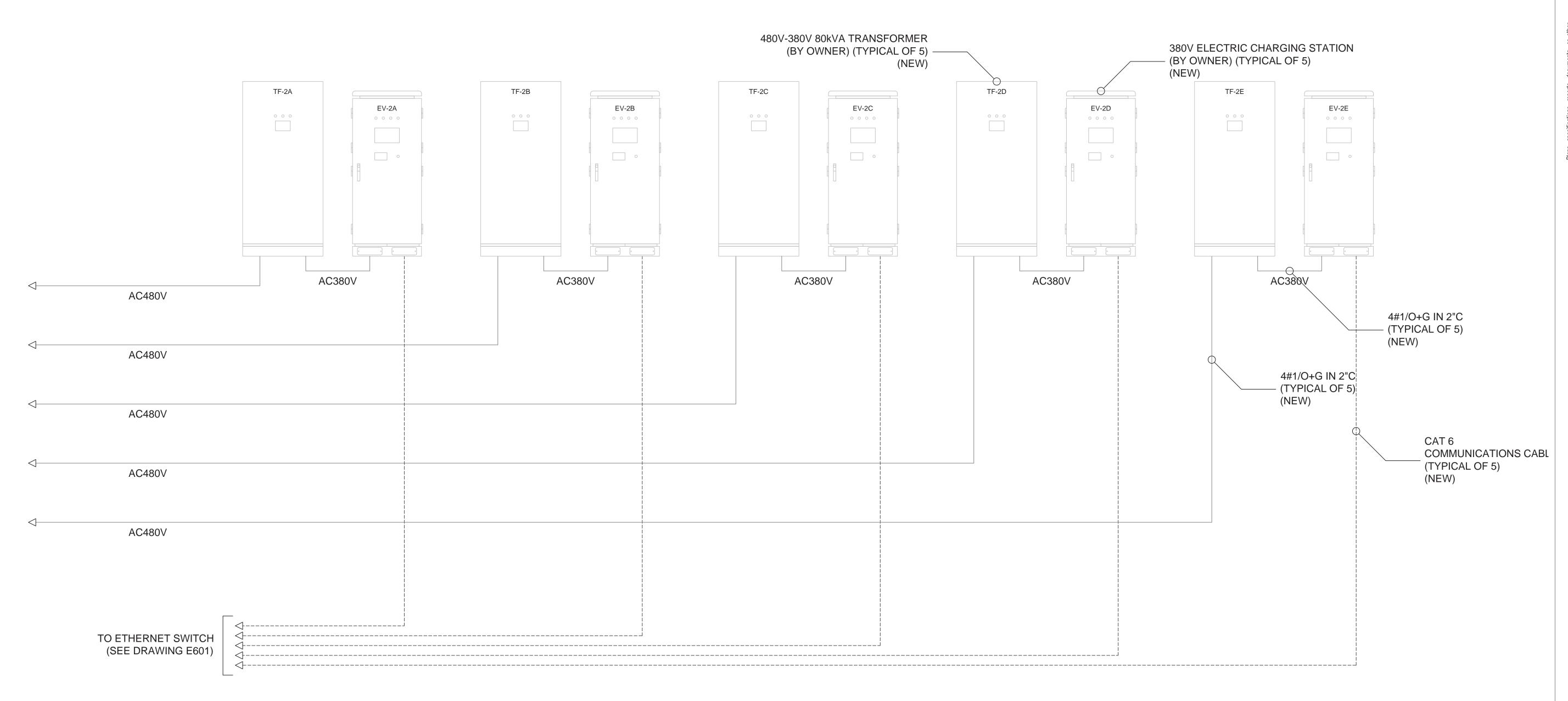
EXISTING



NOTES:

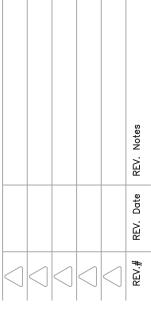
- 1. EVERYTHING ON THIS DRAWING IS EXISTING.
- 2. CONTRACTOR TO ALLOW FOR DISCONNECTION OF THE FOUR (4) AC480V CONDUCTORS FROM THE EXISTING TEMPORARY PANELBOARD AND RECONNECTION TO THE NEW PANELBOARD.

PROPOSED (ADDITIONAL)



NOTES:

- EVERYTHING ON THIS DRAWING IS NEW HOWEVER NOTE THERE IS EXISTING POWER & COMMS CONDUIT BETWEEN THE ELECTRICAL ROOM AND LAST (EXISTING) CHARGING PEDESTAL.
- 2. CONTRACTOR TO ALLOW FOR EXTENDING THE POWER & COMMS CONDUIT FROM THE LAST (EXISTING) CHARGING PEDESTAL TO THE PROPOSED LAST CHARGING PEDESTAL.



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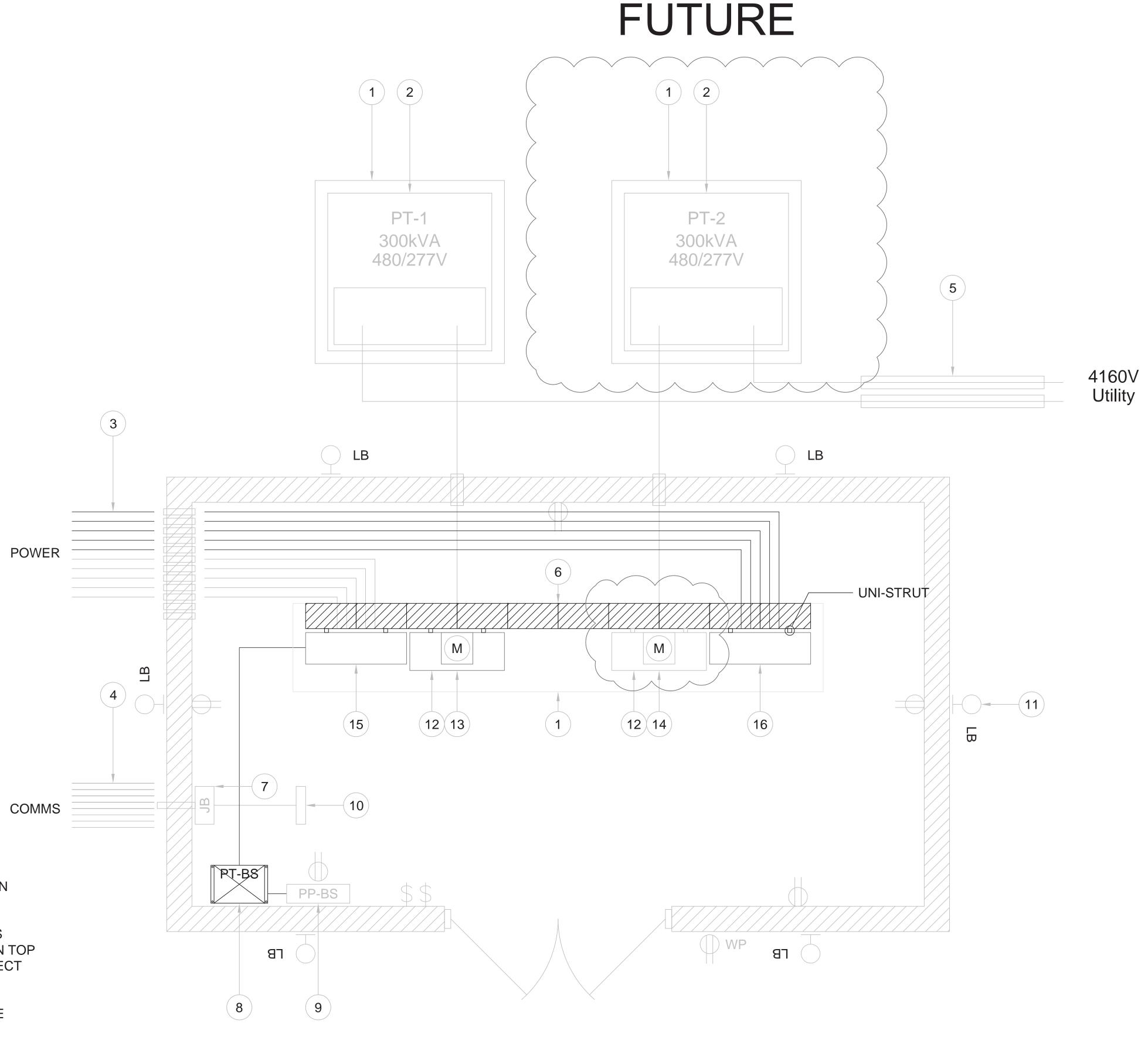
DATE: FEBRUARY 2023

ORGE'S BUS DEPOT

T OF PUBLIC TRANSPORT

RY ROAD, ST. GEORGE'S

ST 100



NOTES:

- 1. EXISTING TEMPORARY MAIN DISCONNECT SWITCH AND MAIN DISTRIBUTION PANEL SHALL BE REMOVED AND RETURNED TO OWNER.
- 2. 8" CONCRETE BLOCK WALL (OR SIMILAR APPROVED STRUCTURE- SUCH AS UNI-STRUT C/W FLOOR-TO-CEILING BRACING) SHALL BE CONSTRUCTED ON TOP OF THE EXISTING HOUSEKEEPING PAD TO SUPPORT MOUNTING DISCONNECT SWITCHES AND DISTRIBUTION PANELBOARDS.
- 3. EXISTING POWER PANEL PP-BS TO REMAIN AND BE RECONNECTED TO THE NEW DISTRIBUTION PANELBOARD 'MDP-1' VIA NEW TRANSFORMER 'PT-BS'.
- 4. ALL EXISTING COMMS INFRASTRUTURE TO REMAIN.
- 5. ALL EXISTING BUILDING SERVICES TO REMAIN.

1 ELECTRICAL ROOM

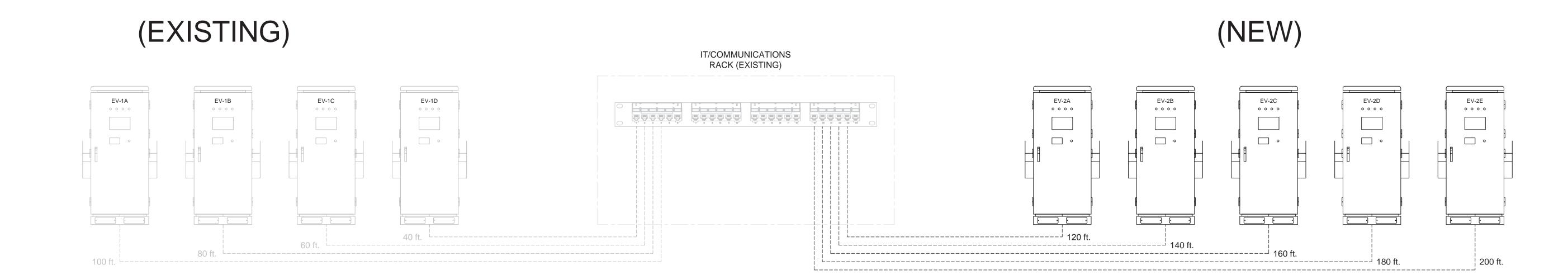
E501 LAYOUT N.T.S

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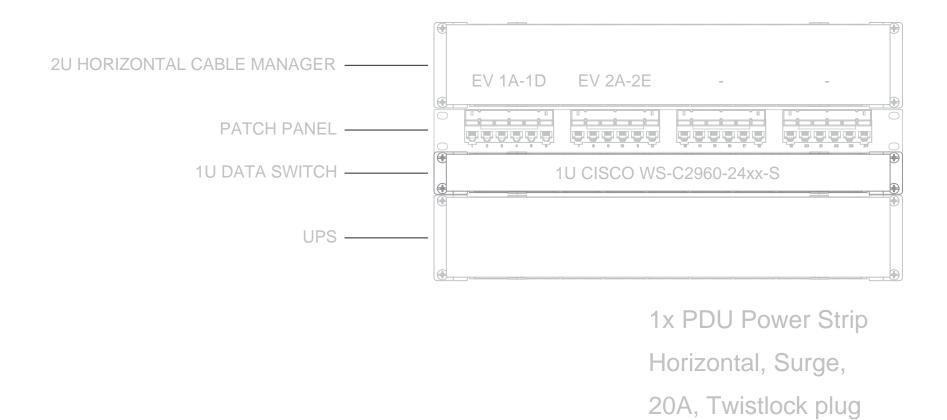
March 2023 BERMUDA

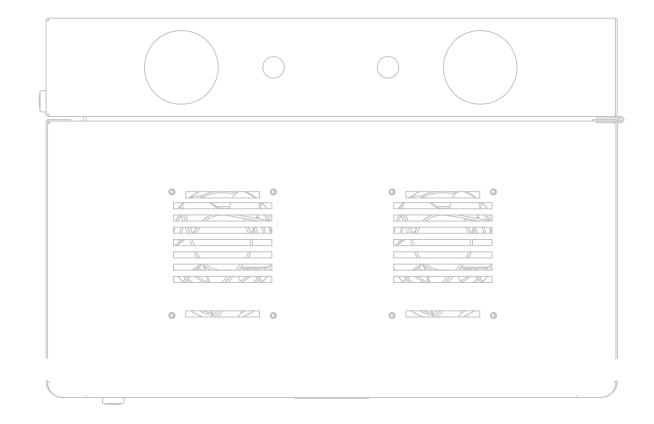
GOVERNMENT OF BERMUDA ST. GEORGE'S BUS DEPOT PROJECT NO. DEPARTMENT OF PUBLIC TRANSPORT PROJECT NO. DELA MILITARY ROAD, ST. GEORGE'S

E601









WALL MOUNT CABINET 6RU LIGHT DUTY SERIES FRONT DOOR

PLEXIGLASS SIDE PANELS VENTED TOP AND BOTTOM PANELS 2 FAN

NOTES:

- 1. COMMS INFRASTRUCTURE IS EXISTING & COMMS CABLING TO THE EXISTING CHARGING PEDESTALS IS EXISTING.
- 2. CONTRACTOR TO ALLOW FOR FIVE (5) RUNS OF CAT6 CABLE BETWEEN COMMS EQUIPMENT IN THE ELECTRICAL ROOM AND THE LAST FIVE (5) CHARING PEDESTALS. DISTANCES ARE APPROXIMATE.
- 3. COMMS CABLE IS TO BE TERMINATED BOTH ENDS AND TESTED.