

KEYNOTES

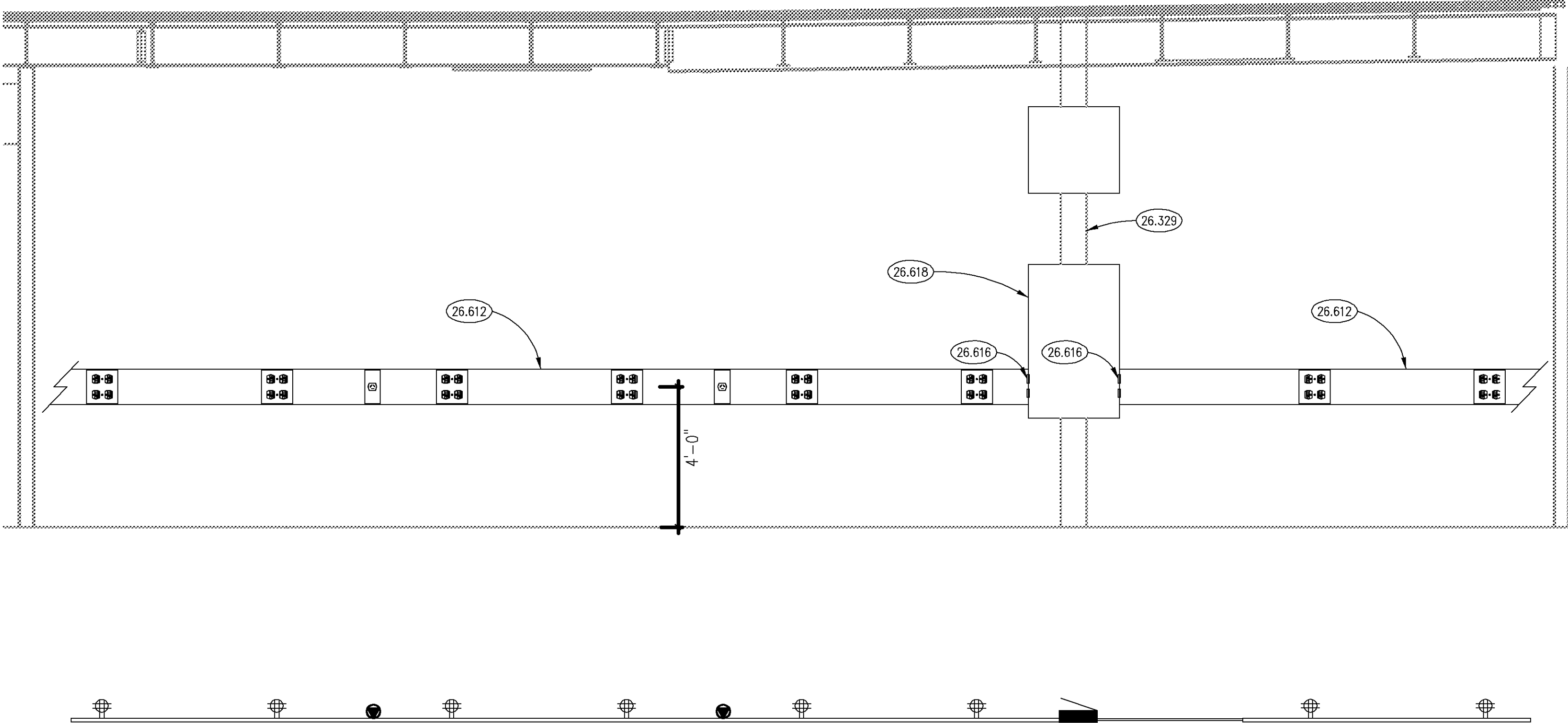
- 26.328 PROVIDE FINAL CONNECTION TO EXHAUST FAN, LOCATED ON ROOF.
26.329 EXISTING COLUMN.
- 26.612 PROVIDE SINGLE CHANNEL LARGE CAPACITY RACEWAY - MINIMUM 3-1/2" DEEP X 4-3/4" WIDE.
26.616 PROVIDE CONDUIT GROUNDING BUSHINGS IN PANELBOARD FOR TRANSITION TO RACEWAY.
26.618 PROVIDE PANELBOARD.
26.619 PROVIDE NEW FEEDER FROM DISTRIBUTION PANEL TO VFD IN ROOF TOP UNIT RT-5 (LOCATED AT COLUMN B,4) AND FROM VFD IN RT-5 TO EXHAUST FAN.
- 26.620 REMOVE EXISTING CIRCUIT BREAKER.
- 26.630 PROVIDE NEW CIRCUIT BREAKER.
26.631 PROVIDE NEW FEEDER.
26.632 PROVIDE NEW TRANSFORMER. MOUNT ON WALL, +10'-0" A.F.F.
26.633 PROVIDE NEW PANELBOARD.
26.635 PROVIDE NEW CIRCUIT BREAKER. CIRCUIT BREAKER SHALL BE LOCKABLE IN THE "OPEN" POSITION.

HVAC/PLUMBING/ELECTRICAL COORDINATION SCHEDULE																				
NO.	DESCRIPTION	FLA	KW	HP	VOL	PH	CCT NO.	MOCP		DISC	STARTER	CONTROL WIRING			CIRCUIT WIRING			NOTE		
								POLE	AMP			TYPE	TURN	WIRED BY	LOC.	TYPE	BY		LOC.	NO.
EF-2	EXHAUST FAN	1-1/2	480	3				SEE FANS AND PANEL SCHEDULES	EC	INT	UM	PW	IJ	LVT	PW	REMOTE	2	SEE FANS & PANEL SCHEDULES	1.7	
VAV	VARIABLE AIR VOLUME							SEE FANS & PANEL SCHEDULES	EC	INT	UM	PW	IJ	LVT	PW	REMOTE	2	12 THIN	3/4"	1
SEA-1	SEWAGE EJECTOR	12			120			SEE FANS AND PANEL SCHEDULES	EC	INT	UM	PW	IJ	LVT	PW	REMOTE	2	#12	3/4"	1.7
AC-1	AIR COMPRESSOR			5	208			SEE FANS AND PANEL SCHEDULES	EC	INT	UM	PW	IJ	LVT	PW	REMOTE	2	#6	1-1/4"	1.7
WH-1	ELEC. WATER HEATER	24			480	3		SEE FANS AND PANEL SCHEDULES	EC	INT	UM	PW	IJ	LVT	PW	REMOTE	3	#10	3/4"	1.7

- HVAC/PLUMBING/ELECTRICAL COORDINATION SCHEDULE NOTES:
1. PROVIDE GROUND WIRE.
 2. SINGLE POINT WIRING.
 3. INTERCONNECT STARTER/FAN WITH KITCHEN HOOD SWITCH. SEE KITCHEN PLANS FOR ADDITIONAL INFORMATION.
 4. NOT USED.
 5. INTERCONNECT WITH RT UNIT AS REQUIRED.
 6. COORDINATE EXACT LOCATION OF ELECTRICAL CONNECTION WITH MECHANICAL EQUIPMENT PRIOR TO INSTALLATION.
 7. PROVIDE CONDUIT AND WIRING TO VARIABLE FREQUENCY DRIVE (VFD) THEN FROM VFD TO EQUIPMENT.
 8. CONNECT FIRE ALARM CIRCUIT TO PRE-INSTALLED UNIT MOUNTED DUCT DETECTORS.
 9. WEATHER-PROOF/GFCI RECEPTACLE PROVIDED WITH MECHANICAL EQUIPMENT.

5 COORDINATION SCHEDULE

SCALE: NTS

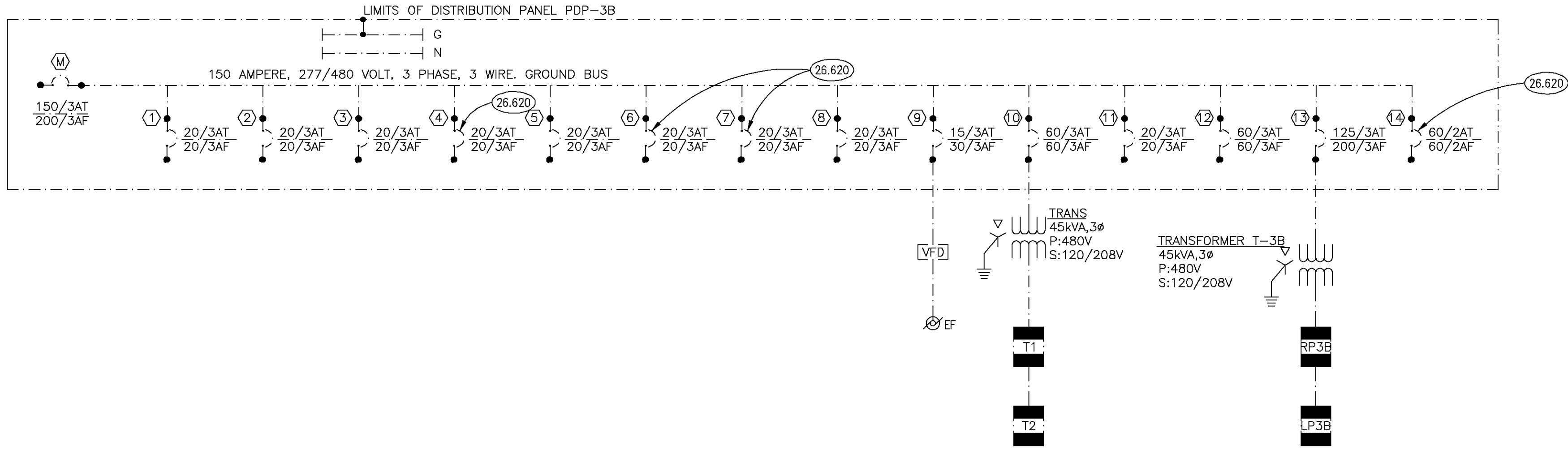


4 MAINTENANCE WORKSHOP/STORAGE AREA 155B ELEVATION

SCALE: NTS

1 EXISTING ELECTRICAL ONE-LINE DIAGRAM

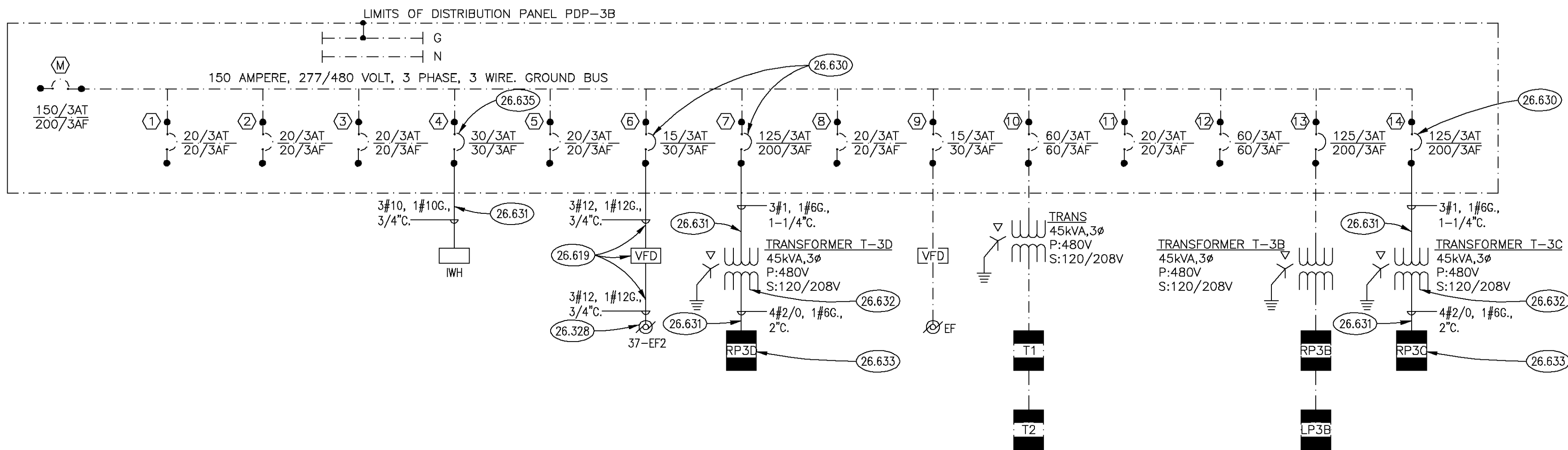
SCALE: NTS



- LEGEND:
- EXISTING TO REMAIN
 - ... EXISTING TO BE REMOVED

2 REVISED ELECTRICAL ONE-LINE DIAGRAM

SCALE: NTS



- LEGEND:
- EXISTING TO REMAIN
 - NEW
 - ... EXISTING TO BE REMOVED

EXISTING PANEL : LP3B										NEW PANEL : RP3C									
CCT NO.	BRK NO.	DESCRIPTION	PHASE			BRK NO.	CCT NO.	DESCRIPTION	NOTES	CCT NO.	BRK NO.	DESCRIPTION	PHASE			BRK NO.	CCT NO.	DESCRIPTION	NOTES
			A	B	G								A	B	G				
1	1P20"	EXISTING LTG-153A, 153B, 153C				400	2	EXISTING LTG-153 DOWNLIGHTS		1	3P20"	RECEPT-153E, 153F				800	2	RECEPT-154A	
3	1P20"	LTG- WOMEN'S				580	4	EXISTING LTG-153		3	3P20"	RECEPT-154E				800	4	RECEPT-154A	
5	1P20"	LTG- MENS				258	8	EXISTING LTG-153		5	3P20"	RECEPT-154E				800	8	RECEPT-154A	
7	1P20"	LTG-155A				690	10	LTG-154B, 154C, 154D, 154E		7	3P20"	RECEPT-154E				800	10	RECEPT-154A	
9	1P20"	LTG-155A				794	12	LTG-155		9	3P20"	RECEPT-154D				800	12	RECEPT-154A	
11	1P20"	LTG-155A				928	14	LTG-155A		11	3P20"	RECEPT-154D				800	14	RECEPT-154A	
13	1P20"	LTG-155A				870	16	LTG-155B		13	3P20"	RECEPT-154D				800	16	RECEPT-154A	
15	1P20"	LTG-155A				828	18	LTG-155B		15	3P20"	RECEPT-154D				800	18	RECEPT-154A	
17	1P20"	LTG-155A				754	20	NEW & EXISTING NIGHT LIGHTING		17	3P20"	RECEPT-154D				800	20	RECEPT-154A	
VOLTAGE: 120/208 VOLT, 3PHASE, 4WIRE TOTAL PHASE A: 4000 TOTAL PHASE B: 4000 TOTAL PHASE C: 4000 SUB TOTAL WATTS: 11972 SUB TOTAL AMPS: 31.6										NOTES: 1. TOP FEED, NEMA ENCLOSURE, GROUND BUS 2. LOCKABLE COVER, RECESSED MOUNTED 3. 40000 AIC 4. PROGRAMMABLE PANEL 5. EXISTING CIRCUIT BREAKER 6. PROVIDE NEW CIRCUIT BREAKER									

3 NEW/REVISED PANEL SCHEDULES

SCALE: NTS

CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management	
				ELECTRICAL ONE-LINE DIAGRAM AND PANEL SCHEDULES		HINES BUILDING 37 O.I. AND T. FIELD OFFICES - PHASE 3 OFFICE AND RESTROOM RENOVATIONS		796-13-004		Department of Veterans Affairs	
				Approved: Project Director		Location VA OFFICE OF ACQUISITION AND LOGISTICS HINES BUILDING		Building Number 37			
						Date 04-12-13		Drawing Number 37 - E610			
						Checked MTK		Drawn JRW			
								Dwg. 27 of 32			