

three inches = one foot
one and one-half inch = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot

- GENERAL NOTES:**
- FIRESTOP ALL PENETRATIONS THROUGH FIRE AND SMOKE WALLS.
 - ALL WIRING SHALL BE PLENUM RATED.
 - FIRE ALARM DEVICES SHALL BE CONNECTED TO THE MAIN BUILDING FIRE ALARM CONTROL PANEL.
 - COORDINATE ALL SHUTDOWNS WITH OWNER.
 - PROVIDE BLANK COVERS, CUTTING, PATCHING AND FIRE SEAL AS REQUIRED WHERE EXISTING COMMUNICATION OR ELECTRICAL WORK HAS BEEN REMOVED AND WHERE NEW WORK IS INSTALLED.
 - FOR ALL DEVICES SHOWN ON EXISTING WALLS TO REMAIN, FISH EXISTING WALL WHERE POSSIBLE OR SURFACE MOUNT DEVICES USING SURFACE METAL RACEWAY. COORDINATE ALL RACEWAY PATHS TO AVOID EXISTING ROOM FEATURES PRIOR TO ROUGH-IN. PROVIDE ALL NECESSARY FITTINGS FOR A COMPLETE JOB.
 - THIS INFORMATION REPRESENTS EXISTING CONDITIONS BASED ON ORIGINAL SITE DRAWINGS AND OBSERVED SITE CONDITIONS. NOT ALL WIRING, CONDUIT, AND DEVICES ARE SHOWN. THE CONTRACTOR SHALL FIELD VERIFY CIRCUITING, ROUTING, AND EXACT QUANTITIES. THE CONTRACTOR SHALL DISCONNECT, REMOVE, AND DISPOSE OF ALL EXISTING CONDUIT, WIRE, FIXTURES, AND DEVICES THAT ARE NOT SCHEDULED FOR REUSE.
 - SUBMIT A LIST OF ALL ITEMS REMOVED TO OWNER. TURN SELECTED ITEMS OVER TO OWNER. LEGALLY DISPOSE OF ALL REMAINING ITEMS.
 - COORDINATE ALL CONDUIT RUNS WITH OTHER TRADES AND EXISTING CONDITIONS PRIOR TO STARTING WORK.
 - PROVIDE 4 1/4" SQUARE OUTLET BOX WITH 1-GANG MUD RING FOR ALL VOICE/DATA OUTLETS SHOWN. PROVIDE 1" CONDUIT FROM OUTLET BOX TO ACCESSIBLE CORRIDOR CEILING SPACE. PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT. COORDINATE INSTALLATION WITH VA TELECOMMUNICATIONS DEPARTMENT. PROVIDE PULL STRINGS IN ALL VOICE/DATA OUTLETS.
 - PROVIDE ALL TEMPORARY CONNECTIONS AND CROSS CONNECTS AS REQUIRED FOR PROJECT PHASING TO MAINTAIN POWER, LIGHTING, DATA, VOICE AND PUBLIC ADDRESS SYSTEMS.

BASEMENT PLAN - LIGHTING - ALTERNATE

SCALE: 1/4"=1'-0"

DRAWING NOTES:

- CIRCUIT EXIT LIGHT TO EXISTING LOCAL LIGHTING BRANCH CIRCUIT AHEAD OF ALL SWITCHING. MODIFY AND EXTEND CIRCUIT AS REQUIRED.
- INTERLOCK DOOR WITH COMPACTOR MOTOR TO NOT ALLOW DOOR OPERATION WHILE COMPACTOR IS IN USE.
- PROVIDE 120V, 1ø, 20A CONNECTION TO AUTOCLAVE AIR COMPRESSOR. CIRCUIT TO 20A/1P CIRCUIT BREAKER WITH 2-#12 & 1-#12E.G. IN 3/4"Ø. COORDINATE INSTALLATION PRIOR TO ROUGH-IN.
- MODIFY AND EXTEND EXISTING FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT AS REQUIRED AND CONNECT NEW NOTIFICATION DEVICES. MATCH EXISTING DEVICES.
- MODIFY AND EXTEND EXISTING FIRE ALARM INITIATION DEVICE CIRCUIT AS REQUIRED TO CONNECT NEW INITIATION DEVICES. MATCH EXISTING DEVICES.
- PROVIDE LIGHTING CIRCUIT FROM PANEL LPU-13 AS REQUIRED TO CONNECT NEW LUMINAIRES.
- PROVIDE NEW 20A/1P CIRCUIT BREAKER IN NEW LIGHTING PANEL BEING FURNISHED BY ANOTHER CONTRACT LOCATED IN BASEMENT AREA BELOW INFILL AS REQUIRED TO CONNECT NEW EXTERIOR LUMINAIRES.
- PROVIDE NEW 20A/1P CIRCUIT BREAKER IN NEW LIGHTING PANEL BEING FURNISHED BY ANOTHER CONTRACT LOCATED IN BASEMENT AREA BELOW INFILL AS REQUIRED TO CONNECT NEW EMERGENCY LUMINAIRES. LUMINAIRES SHALL ALSO ACT AS NIGHT LIGHTS AND WILL BE UNSWITCHED.
- MODIFY AND EXTEND EXISTING COMPACTOR FEEDER AS REQUIRED TO REINSTALL COMPACTOR IN NEW LOCATION. RELOCATE EXISTING DISCONNECT AND COMPACTOR CONTROLLER. PROVIDE ALL REQUIRED CONTROL WIRING AND CONDUIT.
- MODIFY AND EXTEND EXISTING BASEMENT LIGHTING CIRCUIT AS REQUIRED TO INSTALL (2) NEW TYPE FA LUMINAIRES IN AREA BELOW INFILL.
- REINSTALL EXISTING WIRELESS ACCESS POINT IN LOCATION SHOWN.

PANELBOARD SCHEDULE										NOTES	
										SEE RATED	COMPUTER GRADE
										DOOR NEUTRAL	WIRING TRIM
											FEED THRU LINES
										UL LISTING INT. RATING (RMS SYM. AMPS)	DESIGN MAKE SQ-D
											NEMA TYPE
NAME	LOCATION	SOURCE	RATING (AMPS)		PHASE/ WIRE	VOLTAGE	MOUNTING				
LPU-13	MEDICAL WASTE	BCU	MCB	MLO		3ø, 4W	208 Y/120	SURFACE	10K	NOOD	
CKT NO.	DESCRIPTION	BREAKER	KVA LOAD				KVA LOAD				
			LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG	
1	LOADING DOCK REC.	20A/1P	.4					.8			
3	MEDICAL WASTE REC.	20A/1P	.4					.4			
5	RTU - LIGHTS	20A/1P	.2					.4			
7	LOADING DOCK LIGHTS	20A/1P									
9	MEDICAL WASTE LIGHTS	20A/1P									
11	U-12 LIGHTS	20A/1P									
13	AUTOCLAVE REC.	20A/1P									
15	AIR COMPRESSOR	20A/1P									
17	SPARE	20A/1P									
19	SPARE	20A/1P									
21	SPARE	20A/1P									
23	SPARE	20A/1P									
25	SPARE	20A/1P									
27	SPARE	20A/1P									
29	SPARE	20A/1P									
31	SPARE	20A/1P									
33	SPACE										
35	SPACE										
37	SPACE										
39	SPACE										
41	SPACE										
LEFT SIDE SUB-TOTAL			0.20	0.80	0.00	0.00	0.00	0.00	1.20	0.00	
TOTAL CONNECTED LOAD			0.20	2.00	0.00	0.00	A PHASE	B PHASE	C PHASE		
DEMAND FACTOR			0.7	10+5	0.9	0.9	1.20	0.80	0.20		
ESTIMATED DEMAND			0.14	6.00	0.00	0.00					
TOTAL ESTIMATED DEMAND (KVA)			6.14								
TOTAL AMPS			17.04								
NOTES:											
* ALTERNATE SCHEDULE FOR PANEL LPU-13. FEEDER SHALL REMAIN AS SHOWN ON BASE-BID											

