



1 NEW CONSTRUCTION - ELECTRICAL SITE PLAN - BUILDING 16 EXTERIOR/ LOT 4
1/8"=1'-0"

LIGHT FIXTURE SCHEDULE								
CALLOUT	FIXTURE DESCRIPTION	LAMP	BALLAST	MOUNT	BASIS OF DESIGN	APPROVAL	INPUT WATTS	NOTES
LK	EXTERIOR LED WALL PACK SURFACE MTD. LED WITH PHOTO-EYE	1-33W LED	LED	EXTERIOR WALL MOUNT	MAXLED MLSWP30LED50	ENGINEER APPROVED EQUAL	33W	INSTALL IN SAME LOCATION AS EXISTING HPS FIXTURE BEING REPLACED.
LS	EXTERIOR LED PARKING LOT AREA LIGHT LED WITH PHOTO-EYE	1-210W LED	LED	LED AREA LIGHT WITH ARM MOUNTED TO NEW POLE AND BASE	SPAZLING LIGHTING EL1-4-90-50-150-180-180-180-180 NEW POLE	ENGINEER APPROVED EQUAL	210W	NEW LIGHT POLE AND FIXTURE SHALL BE CONSTRUCTED PER 1/ES-102 AND 2/ES-102

GENERAL NOTES:
 A. LIGHT FIXTURE PARTS SHALL BE PAINTED AFTER FABRICATION.
 B. PROVIDE LIGHT FIXTURE WITH NECESSARY MOUNTING COMPONENTS AS REQUIRED TO INSTALL FIXTURES @ LOCATIONS/ELEVATIONS AS SHOWN ON DRAWINGS. MOUNTING COMPONENTS INCLUDE, BUT NOT LIMITED TO, INTERMEDIATE STEEL, CHAIR, AIR CRAFT CABLE, BOXES, HANGERS, ETC.
 C. REFER TO SPECIFICATION SECTION 28 51 00 - INTERIOR LIGHTING, FOR BALLAST AND LAMPING REQUIREMENTS, AND ADDITIONAL INFORMATION.



KEYED CONSTRUCTION NOTES

- PROVIDE NEW CIRCUIT THROUGH BUILDING 16 INTERSTITIAL SPACE ABOVE CEILING GRID. PROVIDE FIRE AND WATER TIGHT EXTERIOR CONDUIT PENETRATION TO BACK OF NEW LIGHT FIXTURE. PROVIDE NEW FIXTURE SCHEDULED IN SAME LOCATION AS EXISTING FIXTURE.
- PROVIDE CARD ACCESS CONTROL WIRING BACK TO EXISTING CARD READER CONTROL MODULE. UTILIZE 1" GALVANIZED RIGID STEEL FROM CARD ACCESS CONTROLLER, THROUGH SIGNAL PULL BOX, AND BACK TO BUILDING 16 COMM. CLOSET 16-14. CARD ACCESS CONTROLLER THROUGH 1-1/2" COMM DUCT BANK CONDUIT.
- PROVIDE NEW 20/A-1P CIRCUIT SHOWN FOR CARD ACCESS LIFT GATE. UTILIZE 1" GALVANIZED RIGID STEEL FROM LIFT GATE, THROUGH ELECTRICAL PULL BOX AND BACK TO BUILDING 16 ELECTRIC CLOSET 16-13 PANEL E16-1B THROUGH 1-1/2" POWER DUCT BANK CONDUIT.
- PROVIDE NEW 20/A-1P CIRCUITS SHOWN FOR SECURITY CAMERA(S) AND PARKING LOT LIGHT FIXTURE. UTILIZE 1-1/4" SCHEDULE 80 PVC CONDUIT FROM LIGHT POLE, THROUGH ELECTRICAL PULL BOX, AND BACK TO BUILDING 16 ELECTRIC CLOSET 16-13 PANEL: E16-1B THROUGH 1-1/2" POWER DUCT BANK AND INTERIOR EMT CONDUIT. SEE ES-101 FOR CAMERA CIRCUIT INFORMATION. LIGHT FIXTURE CIRCUITS ARE INDICATED ON ES-100.
- PROVIDE RG-11 COAX CABLE AS SHOWN ON DRAWING ES-101 FOR SECURITY CAMERA(S). UTILIZE 1-1/4" SCHEDULE 80 PVC CONDUIT FROM LIGHT POLE, THROUGH SIGNAL PULL BOX, AND BACK TO BUILDING 16 COMM. CLOSET 16-14 COAX PATCH PANEL GPP-1 THROUGH 1-1/2" COMM. DUCT BANK. SEE ES-101 FOR CAMERA COMMUNICATION INFORMATION.
- PROVIDE 2 PAIRS OF 5 RG-11 IN TWO 4" CONDUITS FROM BUILDING 16 TO SIGNAL MANHOLE PER 2/GS-103 AND 4/GS-103. CABLE CONTINUES FROM SIGNAL MANHOLE TO BLDG.1 DO NOT SPLICE.
- PROVIDE 20A/1P CIRCUIT FOR NEW LIFT GATE AND CARD READER ACCESS ENTRY SYSTEM. CIRCUIT SHALL BE NEW 20A BREAKER IN SPARE SLOT IN EXISTING PANEL E16-1A.
- PROVIDE 2 PAIRS OF 5 RG-11 IN TWO 4" CONDUITS FROM SIGNAL MANHOLE TO BUILDING 1 PER 1/GS-103 AND 4/GS-103. CABLE CONTINUES TO C116 IN BUILDING 1. DO NOT SPLICE.

GENERAL NOTES:

- PROVIDE ALL CIRCUITS SHOWN AND NOT SHOWN AS CALLED OUT ON DRAWING ES-100 AND AS REFERENCED AND CALLED OUT ON ES-101.
- ALL WORK TO BE CAREFULLY PLANNED TO ENSURE SAFE CONDITIONS DURING CONSTRUCTION. PROVIDE ALL BRACING & SHORING AS REQUIRED THROUGHOUT THE PROJECT. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED DAILY. PROJECT SHALL BE SWEEPED CLEAN DAILY. SITE SHALL BE LEFT SECURE DURING ALL PROJECT PHASES.
- CONDUIT AND WIRE ROUTES ARE NOT SHOWN INSIDE BLDG.16 FOR CLARITY. CONTRACTOR SHALL PROVIDE EMT CONDUIT FOR ALL NEW ELECTRICAL AND COMMUNICATION WIRING FROM ALL EXTERIOR PENETRATIONS INTO BUILDING 16 BACK TO ELECTRICAL CLOSET 16-13 AND COMMUNICATIONS CLOSET 16-14. ALL CONDUIT SHALL BE RUN THROUGH INTERIOR INTERSTITIAL SPACE.

Revisions	Date		(Company Logo/Information Block)	Drawing Title		Project Title		Date			
				ELECTRICAL AND COMMUNICATIONS SITE PLAN		UPGRADE FOR BUILDING 16 SITEWORK		05/04/2013			
				Approved: Facility Manager		Building Number 16		Checked CF		Project No. 528A7-13-715	
						Location VAMC SYRACUSE, NY		Drawn AZH		DRAWING NO. ES-100	
								Dwg. 9 of 11			

