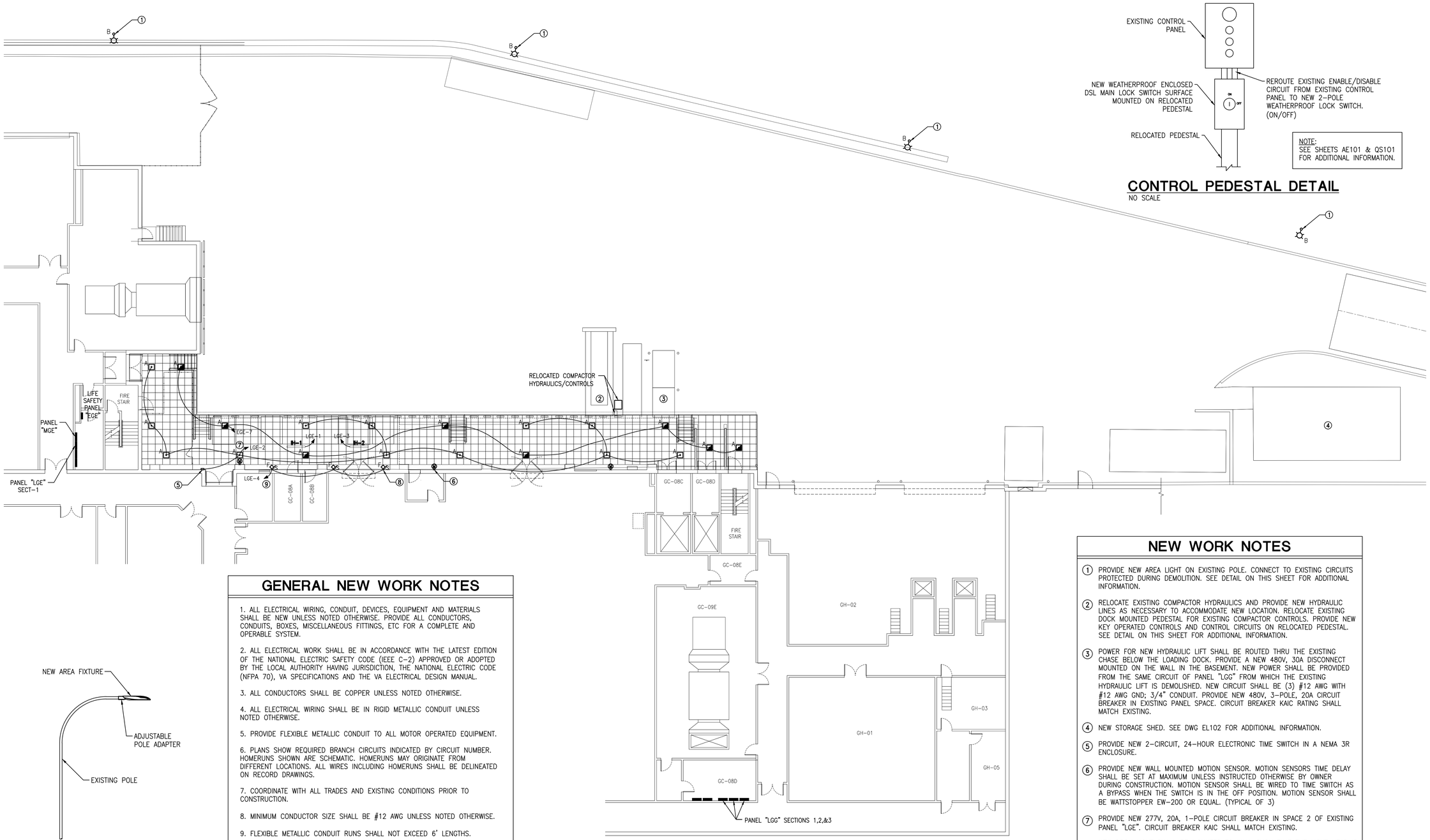


NOTE:
SEE SHEETS AE101 & QS101 FOR ADDITIONAL INFORMATION.

CONTROL PEDESTAL DETAIL

NO SCALE

NEW WORK NOTES

1. PROVIDE NEW AREA LIGHT ON EXISTING POLE. CONNECT TO EXISTING CIRCUITS PROTECTED DURING DEMOLITION. SEE DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION.
2. RELOCATE EXISTING COMPACTOR HYDRAULICS AND PROVIDE NEW HYDRAULIC LINES AS NECESSARY TO ACCOMMODATE NEW LOCATION. RELOCATE EXISTING DOCK MOUNTED PEDESTAL FOR EXISTING COMPACTOR CONTROLS. PROVIDE NEW KEY OPERATED CONTROLS AND CONTROL CIRCUITS ON RELOCATED PEDESTAL. SEE DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION.
3. POWER FOR NEW HYDRAULIC LIFT SHALL BE ROUTED THRU THE EXISTING CHASE BELOW THE LOADING DOCK. PROVIDE A NEW 480V, 30A DISCONNECT MOUNTED ON THE WALL IN THE BASEMENT. NEW POWER SHALL BE PROVIDED FROM THE SAME CIRCUIT OF PANEL "LGG" FROM WHICH THE EXISTING HYDRAULIC LIFT IS DEMOLISHED. NEW CIRCUIT SHALL BE (3) #12 AWG WITH #12 AWG GND; 3/4" CONDUIT. PROVIDE NEW 480V, 3-POLE, 20A CIRCUIT BREAKER IN EXISTING PANEL SPACE. CIRCUIT BREAKER KAIC RATING SHALL MATCH EXISTING.
4. NEW STORAGE SHED. SEE DWG EL102 FOR ADDITIONAL INFORMATION.
5. PROVIDE NEW 2-CIRCUIT, 24-HOUR ELECTRONIC TIME SWITCH IN A NEMA 3R ENCLOSURE.
6. PROVIDE NEW WALL MOUNTED MOTION SENSOR. MOTION SENSORS TIME DELAY SHALL BE SET AT MAXIMUM UNLESS INSTRUCTED OTHERWISE BY OWNER DURING CONSTRUCTION. MOTION SENSOR SHALL BE WIRED TO TIME SWITCH AS A BYPASS WHEN THE SWITCH IS IN THE OFF POSITION. MOTION SENSOR SHALL BE WATTSTOPPER EW-200 OR EQUAL. (TYPICAL OF 3)
7. PROVIDE NEW 277V, 20A, 1-POLE CIRCUIT BREAKER IN SPACE 2 OF EXISTING PANEL "LGE". CIRCUIT BREAKER KAIC SHALL MATCH EXISTING.
8. NEW DOCK LIGHT SHALL BE MOUNTED TO WALL SUCH THAT THE LIGHT HEAD IS 7' ABOVE THE LOADING DOCK. (TYPICAL OF 3)
9. PROVIDE NEW 277V, 20A, 1-POLE CIRCUIT BREAKER IN SPACE 4 OF EXISTING PANEL "LGE". CIRCUIT BREAKER KAIC SHALL MATCH EXISTING.

GENERAL NEW WORK NOTES

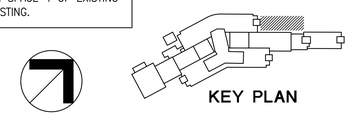
1. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE. PROVIDE ALL CONDUCTORS, CONDUITS, BOXES, MISCELLANEOUS FITTINGS, ETC FOR A COMPLETE AND OPERABLE SYSTEM.
2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC SAFETY CODE (IEEE C-2) APPROVED OR ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION, THE NATIONAL ELECTRIC CODE (NFPA 70), VA SPECIFICATIONS AND THE VA ELECTRICAL DESIGN MANUAL.
3. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
4. ALL ELECTRICAL WIRING SHALL BE IN RIGID METALLIC CONDUIT UNLESS NOTED OTHERWISE.
5. PROVIDE FLEXIBLE METALLIC CONDUIT TO ALL MOTOR OPERATED EQUIPMENT.
6. PLANS SHOW REQUIRED BRANCH CIRCUITS INDICATED BY CIRCUIT NUMBER. HOMERUNS SHOWN ARE SCHEMATIC. HOMERUNS MAY ORIGINATE FROM DIFFERENT LOCATIONS. ALL WIRES INCLUDING HOMERUNS SHALL BE DELINEATED ON RECORD DRAWINGS.
7. COORDINATE WITH ALL TRADES AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
8. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE.
9. FLEXIBLE METALLIC CONDUIT RUNS SHALL NOT EXCEED 6' LENGTHS.
10. CONDUIT SIZE SHALL BE 3/4" MINIMUM EXCEPT FOR LIGHT FIXTURE WHIPS WHERE 1/2" FLEX CAN BE USED.
11. ALL FITTINGS SHALL HAVE PREINSTALLED INSULATED THROAT OR BUSHING.
12. COMPRESSION FITTINGS SHALL BE USED FOR ALL CONDUITS 2" AND UNDER. SET SCREW OR COMPRESSION FITTINGS ARE ALLOWED FOR ALL CONDUITS ABOVE 2".
13. ALL CONDUIT INSTALLED IN HOSPITAL INTERIOR SHALL BE EMT. ALL CONDUIT INSTALLED ABOVE LOADING DOCK CEILING AND BELOW LOADING DOCK PLATFORM SHALL BE RIGID. ALL CONDUIT EXPOSED TO THE ELEMENTS SHALL BE PVC COATED RIGID.
14. CONTRACTOR SHALL PROVIDE NEW, DETAILED PANEL SCHEDULES FOR ALL PANELS EFFECTED DURING CONSTRUCTION.

AREA LIGHT DETAIL

NO SCALE

LOADING DOCK ELECTRICAL PLAN - NEW WORK

SCALE: 3/32" = 1'-0"



KEY PLAN

FINAL SUBMISSION

Scale: 3/32" = 1'-0"

Revisions:	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

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STATE OF NEW YORK · WILLIAM WALTER BOLTON · 089478-1 · LICENSED PROFESSIONAL ENGINEER

Drawing Title: LOADING DOCK ELECTRICAL PLAN - NEW WORK	Project Title: CORRECT SAFETY DEFICIENCIES AT LOADING DOCK JAMES PETERS MEDICAL CENTER, BRONX, NY		Project Number: 526-13-108
Approved: Project Director	Location		Building Number: N/A
	Date: 11/07/2014	Checked: R.DELOACH / Drawn: J.POPE	Drawing Number: EL101
			Dwg. 33 of 38

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

DATE & DWG NUMBER

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