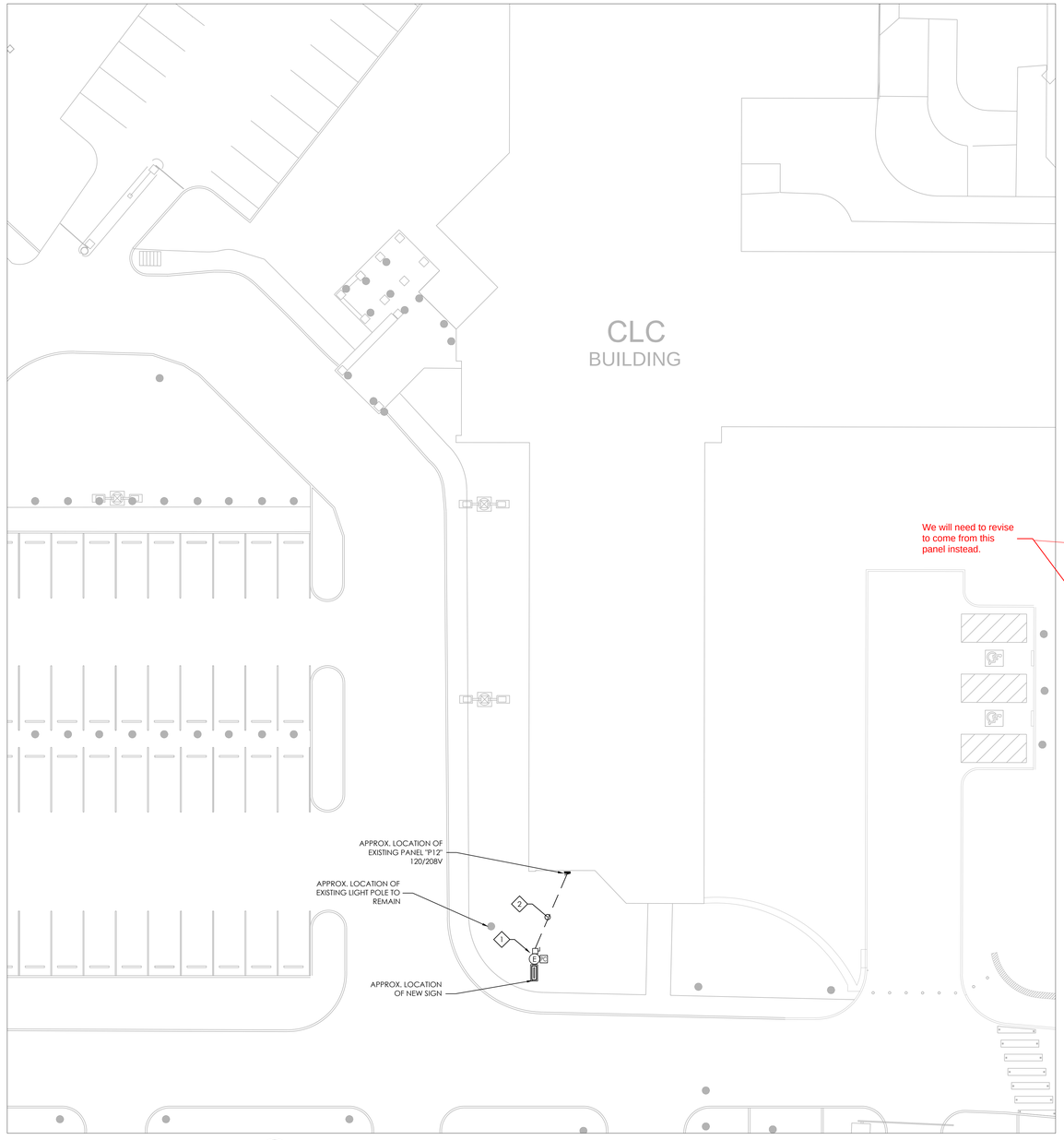


1 ES1.3 ENLARGED SITE PLAN - CLC BLDG - ELECTRICAL

SCALE: 1/16"=1'-0" 0 8' 16' 32'

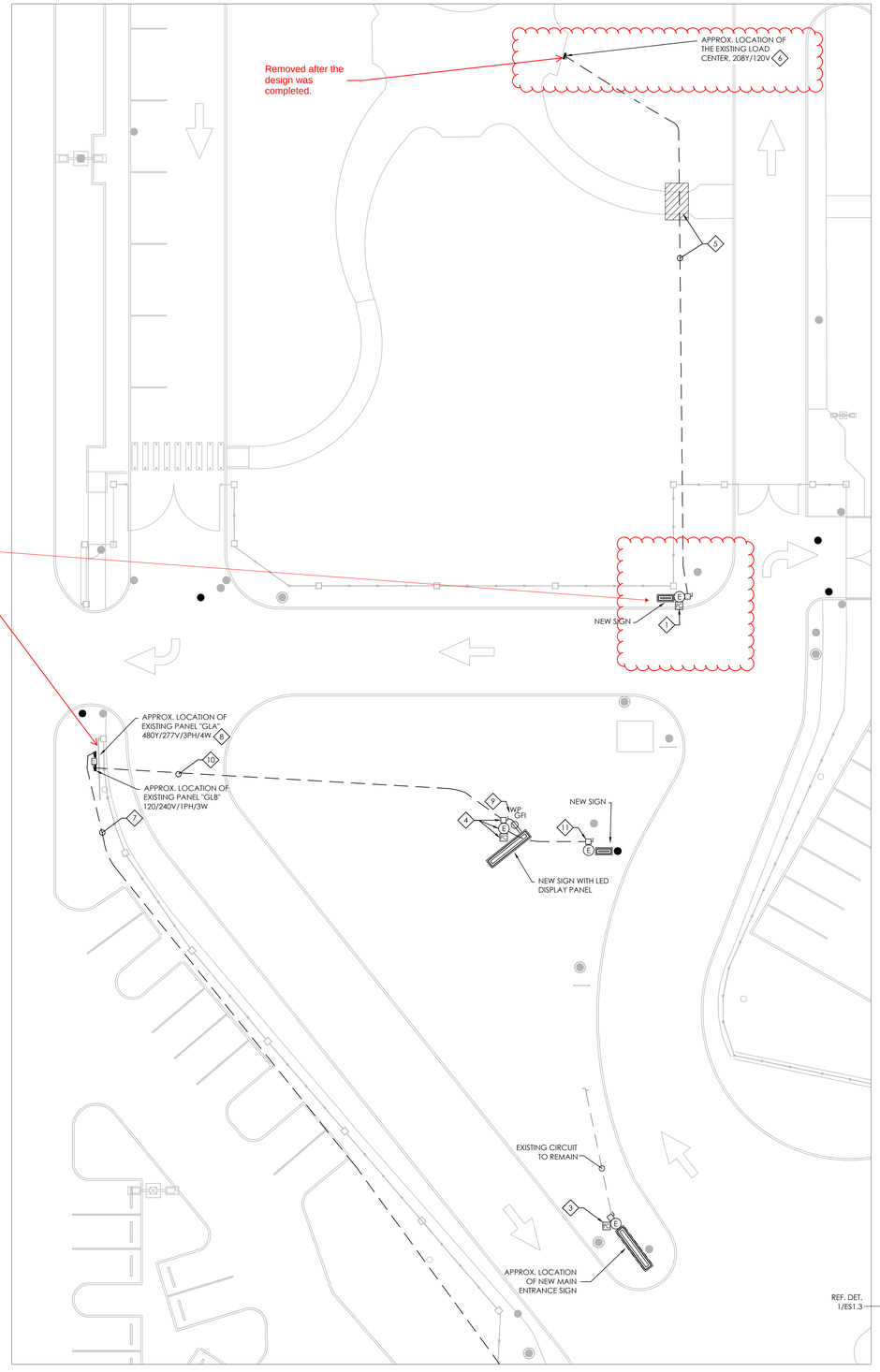
TRUE NORTH

GENERAL NOTES:

1. REFERENCE SHEET ES0.1 FOR LEGEND, ABBREVIATIONS AND FURTHER GENERAL NOTES.

KEYED NOTES:

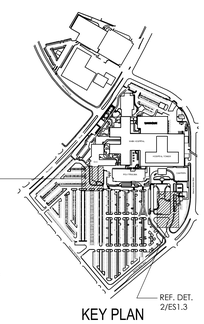
1. FURNISH AND INSTALL A 20A/240V/2P/2W/NEMA 3R DISCONNECT SWITCH TO SERVE THE NEW SIGN. MOUNT THE DISCONNECT ON THE SIGN NEAR THE ELECTRICAL CONNECTION BOX. FURNISH AND INSTALL A NEW 120V BRANCH CIRCUIT TO THE NEW SIGN VIA A NEW 20A/120V PHOTOCELL: 2#10, #10 GND, 3/4"C. MOUNT THE PHOTOCELL TO A JUNCTION BOX NEAR THE ELECTRICAL CONNECTION TO THE SIGN OR TO THE ADJACENT ROCK COLUMN OF THE FENCE APPROX. 18'AFG.
2. APPROXIMATE ROUTING OF THE UNDERGROUND CIRCUIT TO THE NEW SIGN. EXCAVATE AND BACKFILL THE GRASSY AREA TO FACILITATE THE INSTALLATION OF THE NEW CIRCUIT. CIRCUIT THE NEW SIGN TO THE EXISTING 120V CIRCUIT SERVING THE CONVENIENCE RECEPTACLE: 2#12, #12 GND, 3/4"C.
3. FURNISH AND INSTALL A 20A/240V/2P/2W/NEMA 3R DISCONNECT SWITCH TO SERVE THE NEW SIGN. MOUNT THE DISCONNECT ON THE SIGN NEAR THE ELECTRICAL CONNECTION BOX. CONNECT THE EXISTING BRANCH CIRCUIT TO THE NEW SIGN VIA A NEW 20A/120V PHOTOCELL. MOUNT THE PHOTOCELL A JUNCTION BOX NEAR THE SIGN ELECTRICAL CONNECTION.
4. FURNISH AND INSTALL A NEW 20A/240V/2P/2W/NEMA 3R DISCONNECT SWITCH AND 120V BRANCH CIRCUIT TO THE NEW SIGN FROM THE EXISTING PANEL "GLB". FURNISH AND INSTALL A NEW 20A/120V CIRCUIT BREAKER IN THE EXISTING PANEL "GLB" TO SERVE THE NEW SIGN. FURNISH AND INSTALL A NEW 20A/1P CIRCUIT BREAKER IN PANEL "GLB" TO SERVE THE NEW SIGN. CIRCUIT THE NEW SIGN'S LED DISPLAY TO THE UNSWITCHED CIRCUIT AND CIRCUIT THE SIGN'S INTERNAL LIGHTING VIA A NEW 20A/120V PHOTOCELL: 2#10, #10 GND, 3/4"C. MOUNT THE PHOTOCELL TO A JUNCTION BOX NEAR THE ELECTRICAL CONNECTION TO THE SIGN.
5. APPROXIMATE ROUTING OF THE NEW UNDERGROUND CIRCUIT. FURNISH AND INSTALL A NEW CIRCUIT FROM THE OUTPUT OF THE PHOTOCELL TO SERVE THE NEW SIGN. REMOVE AND SALVAGE THE EXISTING BRICK WALKWAY TO FACILITATE THE INSTALLATION OF THE NEW UNDERGROUND CIRCUIT. REINSTALL AND GROUT THE EXISTING BRICKS TO MATCH THE EXISTING UPON INSTALLATION OF THE UNDERGROUND CIRCUIT.
6. FURNISH AND INSTALL A NEW 20A/120V CIRCUIT BREAKER IN THE EXISTING LOAD CENTER TO SERVE THE NEW SIGN. THE NEW CIRCUIT BREAKER SHALL BE RATED FOR 10 KAIC AND SHALL BE COMPATIBLE WITH THE EXISTING SQUARE D QO LOAD CENTER.
7. APPROXIMATE ROUTING OF THE UNDERGROUND CIRCUIT SERVING THE TWO SIGNS SHOWN ON SHEET ES1.4.
8. FURNISH AND INSTALL A NEW 20A/277V CIRCUIT BREAKER IN THE EXISTING PANEL "GLA" TO SERVE THE TWO NEW SIGNS (REF. SHEET ES1.4 FOR THE SIGN LOCATIONS). THE NEW CIRCUIT BREAKER SHALL BE RATED FOR 35 KAIC (CUTLER HAMMER FD35K) AND SHALL BE COMPATIBLE WITH THE EXISTING CUTLER HAMMER PRL3A PANEL.
9. FURNISH AND INSTALL A 20A/120V, GFI DUPLEX RECEPTACLE IN A WEATHERPROOF JUNCTION BOX WITH A METALLIC IN USE COVER. MOUNT THE RECEPTACLE NEAR THE BASE OF THE SIGN OR INSIDE THE SIGN PROVIDED THERE IS AN ACCESS PANEL TO MAINTAIN ACCESSIBILITY TO THE RECEPTACLE. CIRCUIT THE RECEPTACLE TO THE UNSWITCHED CIRCUIT SERVING THE SIGN LED DISPLAY.
10. CUT AND PATCH THE ASPHALT DRIVE TO ROUTE THE CIRCUIT FROM PANEL "GLB" TO THE NEW SIGN. OBTAIN AN APPROVAL FROM THE VA PROJECT MANAGER PRIOR TO SHUTTING DOWN THE DRIVE .
11. CIRCUIT THE NEW SIGN TO THE OUTPUT OF THE PHOTOCELL SERVING THE ADJACENT SIGN FOR DUSK TO DAWN CONTROL.



2 ES1.3 ENLARGED SITE PLAN - MAIN ENTRANCE - ELECTRICAL

SCALE: 1/16"=1'-0" 0 8' 16' 32'

TRUE NORTH



KEY PLAN

Revisions:	Date

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Concur Bio-Med	Approved: Service Chief		
Concur Safety	Approved: Service Chief		
Approved: Service Chief	Approved: Service Chief		
Approved: Service Chief	Approved: Chief of Staff		

FINAL SET

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11.19.2015

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Drawing Title: ENLARGED SITE PLAN - ELECTRICAL	Project Title: Replace Exterior Site Signage	Project Number: 671 -14-118	Office of Facilities Management
Approved: Project Director	Location: Audie L. Murphy Memorial Veterans Hospital San Antonio, Texas	Building Number	
	Date: NOV. 19, 2015 / Checked: DB / Drawn: JS	Drawing Number: ES1.3 Dwg. 44 of 48	Department of Veterans Affairs

VA FORM 08-6231, OCT 1978