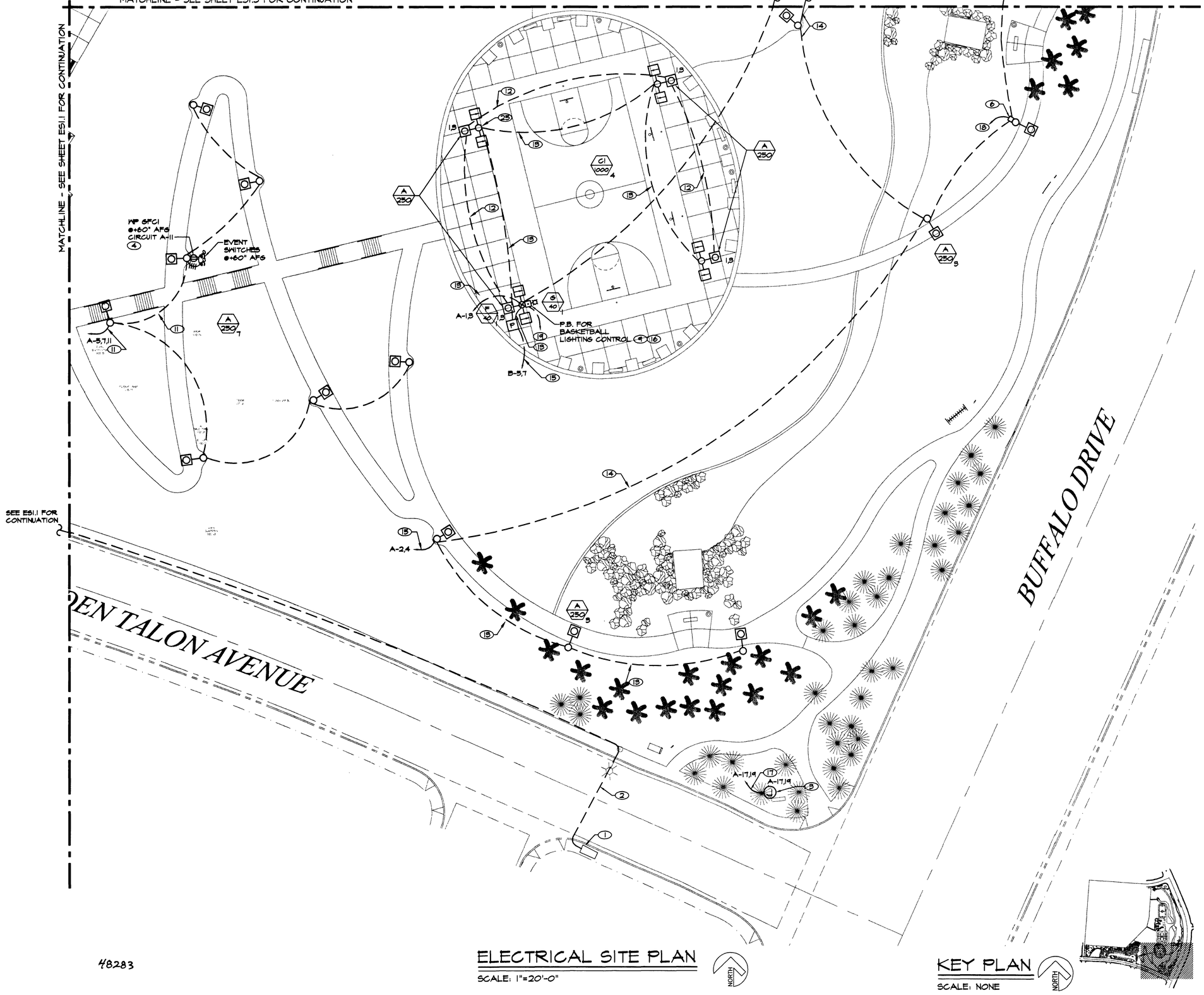

ELECTRICAL SITE PLAN

SCALE: 1"=20'-0"

KEY PLAN

SCALE: NONE

48283

RECORD DRAWINGS:

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NOTES:

1. (1)4" C.O. PER NPCO REQUIREMENTS.
2. (1)4" C.O. PER NPCO REQUIREMENTS ADJACENT TO EXISTING SIDEWALK. SAWCUT AND PATCH SIDEWALK AND STREET TO MATCH EXISTING. SEE NPCO DRAWING FOR NPCO PROJECT #167476. NPCO SERVICE PLANNER IS STEVE TERRY, 702-657-4818.
3. J-BOX FOR SIGN, TYPE FDDS W/GASKETED BLANK COVER.
4. MOUNT ON POLE IN TYPE FSA2 BOX WITH GASKETED COVER.
5. NOT USED
6. WARRICK #162D4 IN NEMA-3R ENCLOSURE ON POLE @ 10 FEET AFG. USE CIRCUIT A-4 FOR COIL POWER. MOUNT TEST SWITCH BELOW AT 48" AFG.
7. ALL BASIN POLE SPLICES SHALL BE AT TOP OF POLES ONLY.
8. ALL UNDERGROUND SPLICES IN BASIN SHALL BE MADE USING 3-M SCOTCHCAST B2 SERIES UNDERGROUND SPLICE KITS.
9. LIGHTING CONTROL PUSHBUTTON SHALL BE SQUARE-D CLASS 9007 C845D/T1841/2358C662. ALL WIRE CONNECTIONS SHALL BE POTTED WITH SCOTCHCAST 2104 COMPOUND.
10. UNLESS NOTED OTHERWISE, ALL CONDUIT 3/4" C. W/ (2)#10 & (1)#10 GRD.
11. 1-1/4"C W/(2)#4 (A-11), (7)#10, (1)#4 GRD.
12. 1-1/4"C W/ (2)#4 & (1)#8 GRD.
13. 1-1/4" C W/ (2)#4 & (1)#8 GRD.
14. 1-1/4" C W/ (2)#2 & (1)#2 GRD.
15. 1-1/2" C W/ (2)#1/0 & (1)#1/0 GRD.
16. MOUNT TIME-OUT WARNING LIGHT ABOVE. MOUNT FLOOD WARNING LIGHT AT TOP OF POLE. SEE DETAIL A5/E2.1.
17. 1-1/4" C W/ (3)#6 & (1)#8 GRD.
18. 1" C W/ (6)#10 & (1)#12 GRD TO CONTROLS AT PUMP ENCLOSURE. SEE DETAIL B1/E2.2.
19. 3/4"C W/(4)#10 & (1)#10 GRD.
20. ALL UNDERGROUND CONDUCTORS SHALL BE THW.
21. ALL SITE LIGHTING SHALL BE 1-1/4"C W/(2)#4 & (1)#8 GRD. MINIMUM. CONDUIT SHALL BE A MINIMUM OF 24" BELOW GRADE WITH A WARNING TAPE AT 12" BELOW FINISHED GRADE. CONDUIT RUN BENDS SHALL NOT EXCEED 270° AND SHALL NOT EXCEED 300 FEET IN LENGTH. ALL EMPTY CONDUITS SHALL HAVE A PULL STRING.
22. ALL PULLBOXES IN GRASS OR DIRT AREAS SHALL HAVE AN 8" CONCRETE COLLAR WITH #4 REBAR. CONDUITS SHALL BE 3" ABOVE BOTTOM OF BOX. CONDUCTORS SHALL EXTEND 24" OUTSIDE OF BOX.
23. ALL PULLBOX COVERS SHALL BE FIBERLYTE OR BONDED METAL. LIGHTING SYSTEM COVERS SHALL BE MARKED "LIGHTING". LIDS SHALL BE SECURED WITH BRASS TIE-DOWNS.
24. ALL 120V SITE FIXTURES SHALL BE SINGLE FUSED; 240V SITE FIXTURES SHALL BE DOUBLE FUSED. FUSES SHALL BE AT THE TOP OF THE POLE FOR BASIN FIXTURES, AT BASE OF POLE ELSEWHERE. FUSE HOLDERS SHALL BE SPLICED TO FEEDER CONDUCTORS USING SPLIT BOLT CONNECTORS - NO WIRENUTS. FUSE HOLDERS SHALL BE DOUBLE CRIMPED WITH RUBBER BOOTS.
25. CONTACTOR C-6 AT TOP OF POLE.

Avoid cutting underground utility lines. It's costly. Call before you Dig. 1-800-227-2600 UNDERGROUND SERVICE ALERT (USA)

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY. CALL BEFORE YOU DO OVERHEAD. CALL 1-702-593-8111

CITY OF LAS VEGAS NEVADA

REVISIONS
1 8/20/01 REVISED SHEET PER ADDENDA
2 2/25/02 RECORD DRAWINGS

CONSULTANT

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DEPARTMENT OF PUBLIC WORKS

ELKHORN SPRINGS
NEIGHBORHOOD PARK
BUFFALO DRIVE
ELECTRICAL SITE PLAN

STAMP

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

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DRAWN	TF
FILE	48283
DATE	05/31/01
SCALE	1"=20'-0"
BID NO	01.15301.16
CLV DWG NO	650.64
	73 OF 90
SHT NO	ES1.2

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