ELECTRICAL CONSTRUCTION NOTES

1E EXISTING N.P.CO. TRANSFORMER.
2E PROPOSED N.P.CO. TRANSFORMER.
3E EXISTING SP5. REFER TO ELECTRICAL SERVICE NOTES.
4E PROPOSED SP6. REFER TO ELECTRICAL SERVICE NOTES.
5E EXISTING STREETLIGHT PER SUMMERLIN VILLAGE 23A UNIT 1 IMPROVEMENTS.
6E BY OTHERS STREETLIGHT PER SUMMERLIN VILLAGE 23A/24 SKY VISTA DRIVE IMPROVEMENTS.
7E PROPOSED TYPE 2B SINGLE LUMINAIRE PER SSD E-1.
8E PROPOSED TYPE 2B TWIN LUMINAIRE PER SSD E-1.
9E PROPOSED TYPE 2A MOD 1 LUMINAIRE WITH PROVISION FOR FUTURE TRAFFIC SIGNAL MAST ARM PER SSD E-1.
10E FUTURE STREETLIGHT.
11E EXISTING NO. 3-1/2 PULLBOX.
12E EXISTING NO. 5 PULLBOX.
13E EXISTING NO. 7 PULLBOX.
14E BY OTHERS TYPE 200 PULLBOX PER SUMMERLIN VILLAGE 23A/24 SKY VISTA DRIVE IMPROVEMENTS.
15E PROPOSED NO. 3-1/2 PULLBOX PER USD 326, LABEL STREETLIGHT.
16E PROPOSED NO. 5 PULLBOX PER USD 326, LABEL STREETLIGHT.
17E PROPOSED 2" CONDUIT CONTAINING 2#4, 1#8 GND [STREETLIGHTING].
18E EXISTING 1-1/4" CONDUIT CONTAINING 2#4, 1#8 GND [STREETLIGHTING].
19E EXISTING 1-1/4" CONDUIT ONLY [STREETLIGHTING].
20E BY OTHERS 4" CONDUIT ONLY [FUTURE TRAFFIC SIGNAL INTERCONNECT] PER SUMMERLIN VILLAGE 23A/24 SKY VISTA DRIVE IMPROVEMENTS.
21E PROPOSED 1-1/4" CONDUIT CONTAINING 2#4, 1#8 GND [STREETLIGHTING].
22E PROPOSED 1-1/4" CONDUIT ONLY [STREETLIGHTING].
23E PROPOSED 4" CONDUIT ONLY [FUTURE TRAFFIC SIGNAL INTERCONNECT].
24E FUTURE CONDUIT.

ELECTRICAL CONSTRUCTION NOTES, CONTINUED

25E STUB OUT AND CAP 5' BEYOND LIMIT OF CONSTRUCTION.
26E CONNECT TO EXISTING CONDUIT STUB.
27E EXISTING TRAFFIC SIGNAL CONTROLLER CABINET. REFER TO DETAIL 1, SHEET 39.
28E EXISTING 2" CONDUIT ONLY [POWER TO TRAFFIC SIGNAL CONTROLLER]. INSTALL 2#4, 1#8 GND IN EXISTING CONDUIT [SP5(C)].
29E EXISTING (5) 3" CONDUITS ONLY [INTERSECTION LUMINAIRES AND TRAFFIC SIGNAL] AND 4" CONDUIT ONLY [FUTURE TRAFFIC SIGNAL INTERCONNECT]. INSTALL 2#10, 1#10 GND IN EACH OF (4)3" EXISTING CONDUITS
30E PROPOSED 3" CONDUIT CONTAINING 2#10, 1#8 GND [INTERSECTION LUMINAIRES].
31E PROPOSED 3" CONDUIT ONLY [FUTURE TRAFFIC SIGNAL].
32E PROPOSED 2" CONDUIT CONTAINING 2#10, 1#8 GND [INTERSECTION LUMINAIRES] AND 2" CONDUIT ONLY [FUTURE TRAFFIC SIGNAL].
33E FUTURE PULLBOX.
34E REMOVE EXISTING PULLBOX. CONNECT PROPOSED CONDUIT TO EXISTING CONDUIT.
35E BY OTHERS 2" CONDUIT ONLY [FUTURE SCHOOL FLASHER] PER SUMMERLIN VILLAGE 23A/24 SKY VISTA DRIVE IMPROVEMENTS.
36E PROPOSED 2" CONDUIT ONLY [FUTURE SCHOOL FLASHER].
37E BY OTHERS NO. 3-1/2 PULLBOX PER SUMMERLIN VILLAGE 23A/24 SKY VISTA DRIVE IMPROVEMENTS.
38E BY OTHERS NO. 5 PULLBOX PER SUMMERLIN VILLAGE 23A/24 SKY VISTA DRIVE IMPROVEMENTS.
39E BY OTHERS 1-1/4" CONDUIT CONTAINING 2#4, 1#8 GND [STREETLIGHTING] PER SUMMERLIN VILLAGE 23A/24 SKY VISTA DRIVE IMPROVEMENTS.
40E BY OTHERS 1-1/4" CONDUIT ONLY [STREETLIGHTING] PER SUMMERLIN VILLAGE 23A/24 SKY VISTA DRIVE IMPROVEMENTS.
41E PROPOSED 2" CONDUIT ONLY [STREETLIGHTING].
42E PROPOSED SP4.
43E PROPOSED NO. 3-1/2 PULLBOX (PRIVATE LIGHTING.)
44E PROPOSED 2-2" CONDUIT ONLY (PRIVATE LIGHTING).

MATCHLINE STATION 79+50 SEE SHEET 42

VILLAGE 24 PARCEL E

80+75.48, 38.50' LT (7E 6A)
80+10.33, 38.50' RT (6A 7E)
80+20.33 BCR, 36.00' RT
80+30.62 BCR, 36.00' RT
82+35.31, 6.00' RT (6A 8E)
FUTURE PUBLIC ENTRY

3 CROSSBRIDGE DRIVE

VILLAGE 24 PARCEL NP-1

85+30.33, 0.00' RT (6A 8E)
86+80.26, 0.70' LT (6A 8E)
88+60 65' LT. (2E)
88+28.73, 6.00' LT (6A 8E)
89+00 65' LT. (4E)
89+29.04 BCR, 37.24' LT.
89+29.04 BCR, 37.24' RT
89+19.04, 39.71' RT (6B 7E)
90+50.38 BCR, 40.23' LT
90+51.32, 42.76' LT (7E 6B)
91+48.96, 10.25' RT (8E 6B)
90+50.38 BCR, 40.23 RT.
FUTURE PUBLIC ENTRY

VILLAGE 24 PARCEL A

NORTH SCALE 1" = 40'

MATCHLINE STATION 92+00 SEE BELOW LEFT

CONDUIT IN MEDIAN ISLANDS SHALL BE INSTALLED 1' FROM BACK OF CURB AND SHALL SWEEP INTO STREETLIGHT FOUNDATIONS.

VILLAGE 24 PARCEL B (PHASE I)

83+80.36, 0.97' RT (6A 8E)

VILLAGE 24 PARCEL D

95+83.40 BCR, 42.00' LT.
97+70.63, 8.34' LT (6B 7E)
99+17.59, 54.00' LT (5C 3E)
98+85.51 BCR, 42.00' LT.
94+74.03 BCR, 42.00' LT.
98+39.77, 12.17' LT (15E 43E)
99+15.81 BCR, 42.00' RT (43E)
94+75.00, 2.59' RT (15E)
95+70.63, 0.00' RT (6B 7E)
93+70.63, 0.00' RT (6B 7E)
PT = 97+28.71

VILLAGE 24 PARCEL NP-1

VILLAGE 24 PARCEL A

CROSSBRIDGE DRIVE

99+34.06 ECR, 75.53' LT
99+41.39, 67.36' RT (5C 9E)
99+45.80 ECR, 71.25' RT
100+30.17 ECR, 70.88' LT
100+34.45, 66.85' LT (3E 5C)
100+60.16 BCR, 40.67' LT
100+79.39 BCR, 34.17' RT.
100+68.33, 38.48' RT (9E 5C)
100+42.34 ECR, 64.90' RT
102+52.74

LIMIT OF ROADWAY IMPROVEMENTS

VILLAGE 23A

DESERT MOON ROAD

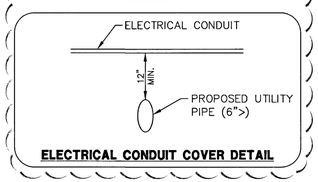
SKY VISTA DRIVE

MATCHLINE STATION 92+00 SEE ABOVE RIGHT

CONDUIT IN MEDIAN ISLANDS SHALL BE INSTALLED 1' FROM BACK OF CURB AND SHALL SWEEP INTO STREETLIGHT FOUNDATIONS.

DRY UTILITY CROSSINGS

-MAINTAIN MINIMUM 12" VERTICAL SEPARATION AT ALL POINTS OF CROSSING.
-MAINTAIN MINIMUM 3' PARALLEL SEPARATION
-ANY EXCAVATION AT BACK OF CURB MUST REMAIN OPEN FOR INSPECTION OF COPPER SERVICE LATERALS. ANY COPPER SERVICE LATERAL KINKED, BENT OR OTHERWISE DAMAGED MUST BE REPLACED FROM THE MAIN TO THE ANGLE METER STOP.



ELECTRICAL CONDUIT COVER DETAIL

SCALE 1" = 40' (40 0 40 80 FEET)

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 1-702-593-6111

APPROVED FOR CONSTRUCTION 1ST APP'D 8-16-06
LAS VEGAS VALLEY WATER DISTRICT (PROJECT #106984) DATE 9/26/16

CLV DRAWING NO. 107Y4932

PROFESSIONAL ENGINEER STATE OF NEVADA — JOHN L. BROWN — Exp. 12/31/2018 — ELECTRICAL — No. 16033
DATE: 9/6/16
FOR ELECTRICAL COMPONENTS ONLY

PROFESSIONAL ENGINEER STATE OF NEVADA — JOHN L. BROWN — Exp. 12/31/2017 — CIVIL — No. 15799
DATE: 09/02/2016

REV.	DATE	DESCRIPTION	DATE	AGEN.	APP.	DATE	GCW.	APP.
5	06/28/16	REVISED MEDIAN, STRIPING, & STREETLIGHTS	9/6/16	58				
4	10/21/15	ADDED WATER METER & IRRIGATION SLEEVES						
3	10/21/15	ADDED SHT 39E, REVISED FUTURE SEWER TO PROPOSED, REMOVED OPEN GRADE						
2	07/10/15	REVISED PL, XINGS, RE-GRADED CROSSBRIDGE DRIVE STA. 94+00 TO 97+25						
1	12/18/06	STL 99+17.90, 54.00' WAS 98+89.51, 48.11' LT						
0	12/18/06	ADD PRIVATE CONDUIT AND REVISE MD RELOCATE UDHTS						

DESIGN: SVW
DRAWN: SVW
CHECK: RDH
ISSUE DATE:
ISSUE EDITOR:
PLOT DATE: 09-02-16
PLOT TIME: 10:38:05

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 VILLA RAINBOW BLVD. LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299

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SUMMERLIN
VILLAGE 24 UNIT 1 IMPROVEMENTS
MASTER CONDUIT AND ELECTRICAL PLAN II

JOB NO. 62A.24.211
SHEET 41
H# 7944
41 OF 47 SHTS

62a2436.dwg 020312.rtn