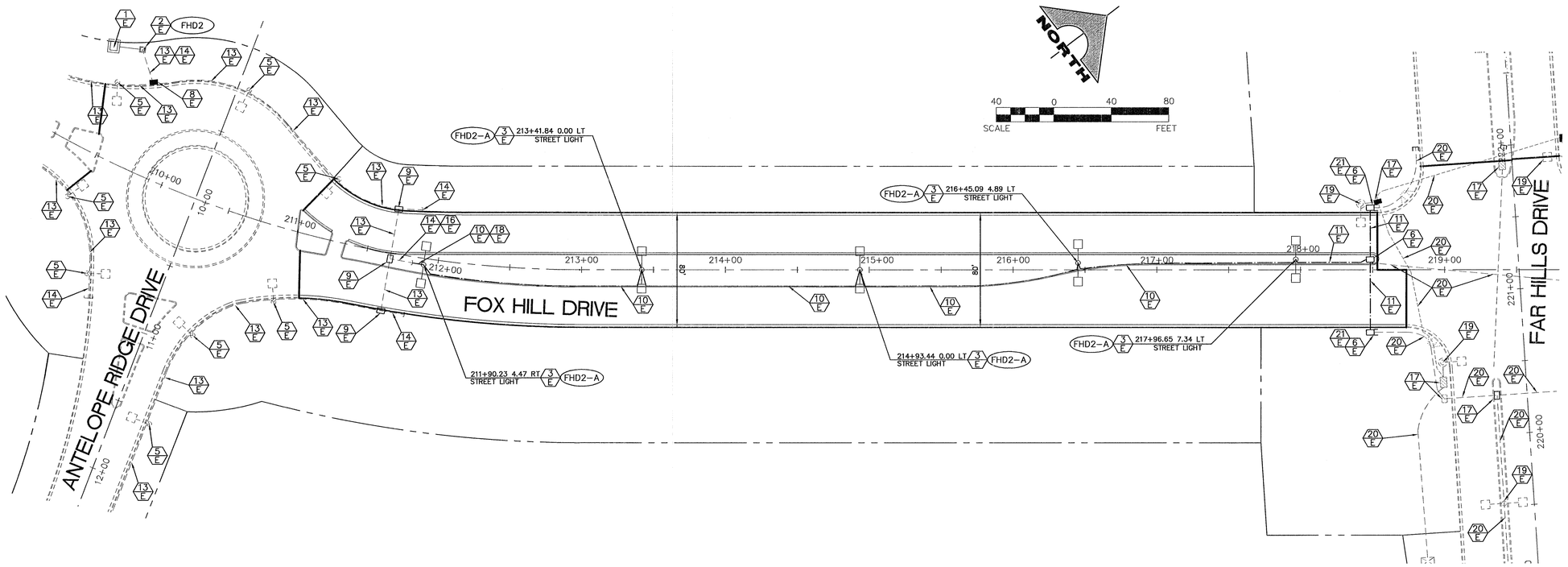

ELECTRICAL CONSTRUCTION NOTES

- 1/E EXISTING NV ENERGY TRANSFORMER.
- 2/E FHD2: EXISTING SERVICE PEDESTAL. REFER TO ELECTRICAL SERVICE NOTES.
- 3/E SUMMERLIN TYPE 2B TWIN STREETLIGHT PER SIS E-1 (150W).
- 4/E SUMMERLIN TYPE 2B SINGLE STREETLIGHT PER SIS E-1 (150W).
- 5/E EXISTING STREETLIGHT. REFER TO SUMMERLIN VILLAGE 23B ANTELOPE RIDGE DRIVE IMPROVEMENTS.
- 6/E PROPOSED NO. 3-1/2 PULLBOX PER USD 326.
- 7/E PROPOSED NO. 5 PULLBOX PER USD 326.
- 8/E EXISTING NO. 5 PULLBOX.
- 9/E EXISTING NO. 3-1/2 PULLBOX.
- 10/E PROPOSED 1-1/4" CONDUIT CONTAINING 2#4, 1#8 GND [STREETLIGHTING CONDUIT].
- 11/E PROPOSED 1-1/4" CONDUIT ONLY.
- 12/E PROPOSED 4" CONDUIT ONLY [FUTURE TRAFFIC SIGNAL INTERCONNECT WITH 2'RADIUS BENDS].
- 13/E EXISTING 1-1/4" CONDUIT CONTAINING 2#4, 1#8 GND.
- 14/E EXISTING 1-1/4" CONDUIT ONLY.
- 15/E STUB AND CAP 5' BEYOND EDGE OF CONSTRUCTION.
- 16/E ADD 2#4, 1#8 GND.
- 17/E EXISTING PULLBOX.

ELECTRICAL CONSTRUCTION NOTES (CONT)

- 18/E CONNECT TO EXISTING CONDUIT STUB.
- 19/E EXISTING STREETLIGHT AND/OR INTERSECTION LIGHT. REFER TO SUMMERLIN VILLAGE 23B FAR HILLS AVENUE IMPROVEMENTS – PHASE 1.
- 20/E EXISTING CONDUIT.
- 21/E INTERCEPT OR EXTEND EXISTING CONDUIT AND CONNECT TO PROPOSED PULLBOX.

ELECTRICAL NOTES

1. ALL UNDERGROUND CONDUIT SHALL BE TYPE RNC (RIGID NONMETALLIC CONDUIT), SCHEDULE 40 PVC AND SHALL BE INSTALLED PER USD 404.1419. ABOVE GRADE CONDUIT SHALL BE TYPE RMC (RIGID METALLIC CONDUIT). CONDUIT RISERS SHALL BE TYPE RMC WITH PVC COATING OR TAPE WRAP.
2. ALL CONDUIT WHICH WOULD OTHERWISE BE EMPTY SHALL INCLUDE A NYLON PULLSTRING AND 1#8 FOR LOCATING PURPOSES.
3. ALL CONDUCTORS SHALL BE STRANDED, 600-VOLT, TYPE THW INSULATED COPPER.
4. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL COMPONENTS AND HARDWARE AS REQUIRED BY THE NATIONAL ELECTRICAL CODE, LATEST EDITION AND SHALL COMPLY WITH THE REQUIREMENTS OF THE INSPECTING AUTHORITY HAVING JURISDICTION.

PROFESSIONAL ENGINEER – STATE OF NEVADA
JOHN T. BROWN
Exp. 12/31/2014
ELECTRICAL
No. 16033

DATE: 7/17/13

FOR ELECTRICAL COMPONENTS ONLY

NOTE:

REFER TO SHEET G3 FOR CITY OF LAS VEGAS STREETLIGHT NOTES.
REFER TO SHEET E2 FOR ELECTRICAL DETAILS AND NOTES.

LEGEND

- STREET LIGHT CONDUIT (1) 1-1/4"C, 2#4, 1#8 GND. THW. UNLESS OTHERWISE NOTED
- TRAFFIC INTERCONNECT CONDUIT (1) 4" CONDUIT W/ 2' RADUIS SWEEPS INTO PULLBOXES FOR FUTURE FIBER OPTIC.
- TRAFFIC SIGNAL CONDUIT (1) 3"C, 4#10, 2#8 GND. THW., (1) 3" CONDUIT ONLY, WITH PULLSTRING, UNLESS OTHERWISE NOTED
- TRAFFIC SIGNAL POLE WITH STREET LIGHT
- STREET LIGHT
- FUTURE STREET LIGHT
- EXISTING STREET LIGHT
- METER SERVICE PEDESTAL
- CONTROL CABINET FOR FUTURE TRAFFIC SIGNALS
- (N) 200A SERVICE PEDESTAL AND N.P.CO. TRANSFORMER
- (NX) CIRCUIT DESIGNATION: (CONTAINED WITHIN BOUNDRY) N = SERVICE PEDESTAL X = CIRCUIT
- #3-1/2 PULLBOX, MARKED "STREET LIGHTING" UNLESS OTHERWISE NOTED.
- #5 PULLBOX, MARKED "TRAFFIC SIGNAL" UNLESS OTHERWISE NOTED.
- P30 PULLBOX, MARKED "TRAFFIC SIGNAL" UNLESS OTHERWISE NOTED.
- NEVADA POWER TRANSFORMER AND METER SERVICE PEDESTAL

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY!
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

FAST
Call before you UnderGround.
1-702-432-5300
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

H #50001
CLV # 1074592 4-2

2880

PROFESSIONAL ENGINEER – STATE OF NEVADA
JOHN T. BROWN
Exp. 12/31/2014
ELECTRICAL
No. 15789
DATE: 7/17/13

REV	DATE	DESCRIPTION	DATE	AGEN APP	DATE	GOV APP

PROJECT NO. 62023B-209
DESIGN: JTB
DRAWN: JTB
CHECK: JLJ
PLOT DATE: 07-15-13
PLOT TIME: 13:19:46

G.C. WALLACE COMPANIES
ENGINEERS | PLANNERS | SURVEYORS
1555 S. RAINBOW BOULEVARD · LAS VEGAS, NV 89146
T: 702.894.2000 · F: 702.894.2299 · GCWALLACE.COM
LAS VEGAS · MESQUITE

LAS VEGAS

F:\Projects\600\62023B-209\DWG\Production\209-STL1.dwg
Humberto Franco-Rivas

THE HOWARD HUGHES COMPANY, LLC

VILLAGE 23B FOX HILL DRIVE PHASE 2
ANTELOPE RIDGE DRIVE TO FAR HILLS AVENUE

STREET LIGHT AND TRAFFIC PLAN

DRAWING
E1
10 OF 11 SHTS