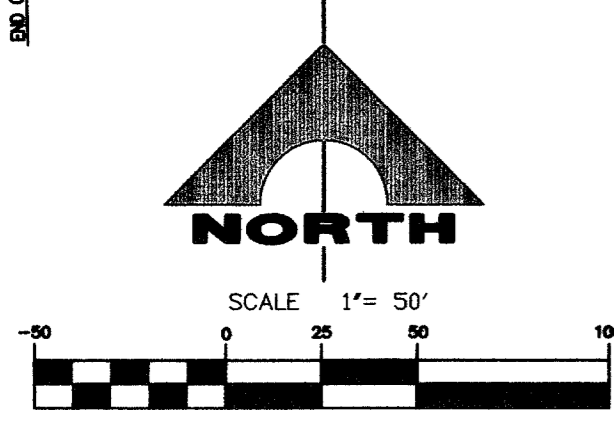
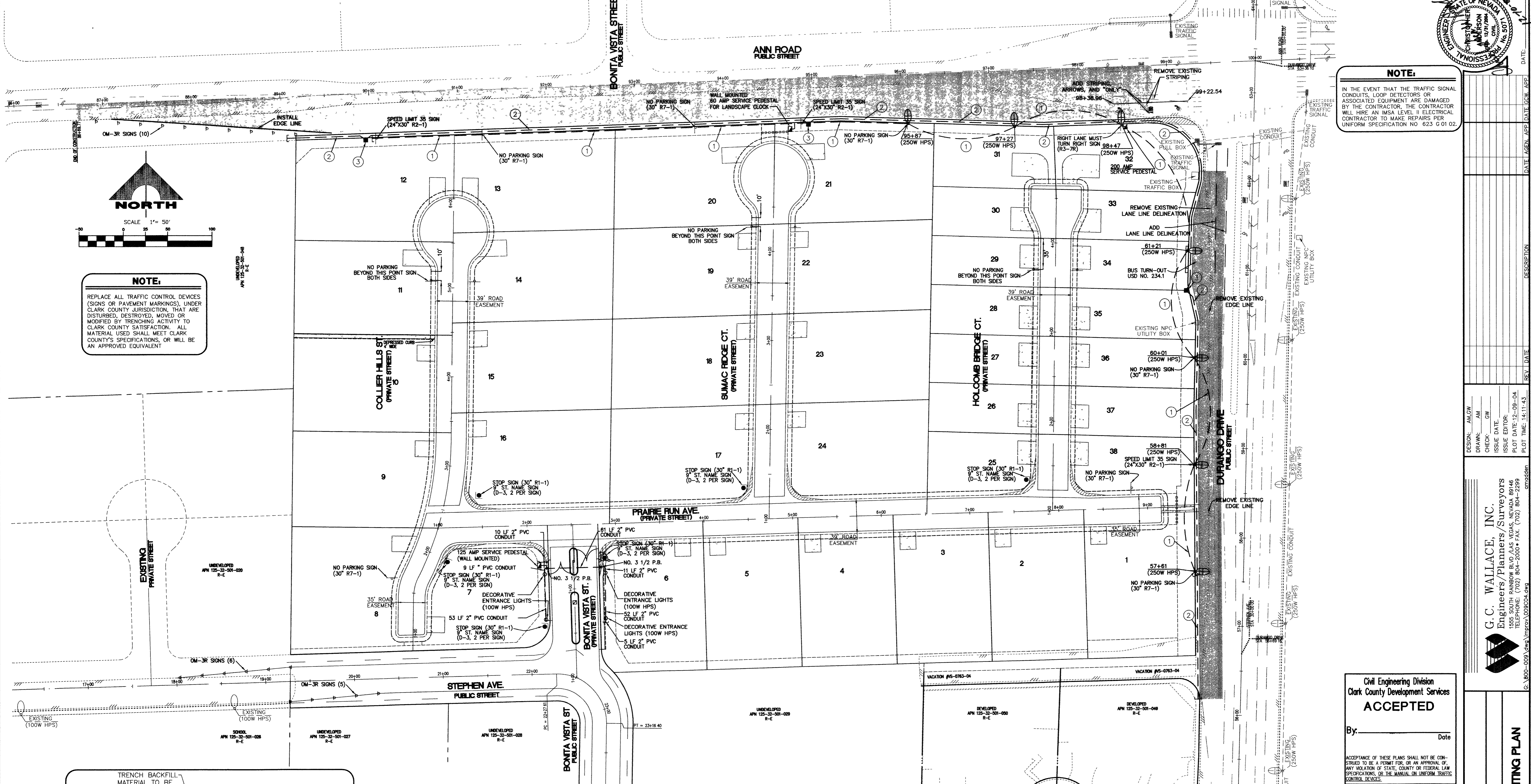


NOTE:
 IN THE EVENT THAT THE TRAFFIC SIGNAL CONDUITS, LOOP DETECTORS OR ASSOCIATED EQUIPMENT ARE DAMAGED BY THE CONTRACTOR, THE CONTRACTOR WILL HIRE AN IMA LEVEL II ELECTRICAL CONTRACTOR TO MAKE REPAIRS PER UNIFORM SPECIFICATION NO. 623 G 01 02.



NOTE:
 REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS OR PAVEMENT MARKINGS), UNDER CLARK COUNTY JURISDICTION, THAT ARE DISTURBED, DESTROYED, MOVED OR MODIFIED BY TRENCHING ACTIVITY TO CLARK COUNTY SATISFACTION. ALL MATERIAL USED SHALL MEET CLARK COUNTY'S SPECIFICATIONS, OR WILL BE AN APPROVED EQUIVALENT.



Civil Engineering Division
 Clark County Development Services
ACCEPTED
 By: _____ Date: _____

STREET LIGHT CIRCUIT CAPACITY VERIFICATION

CIRCUIT SP-1 PRIVATE

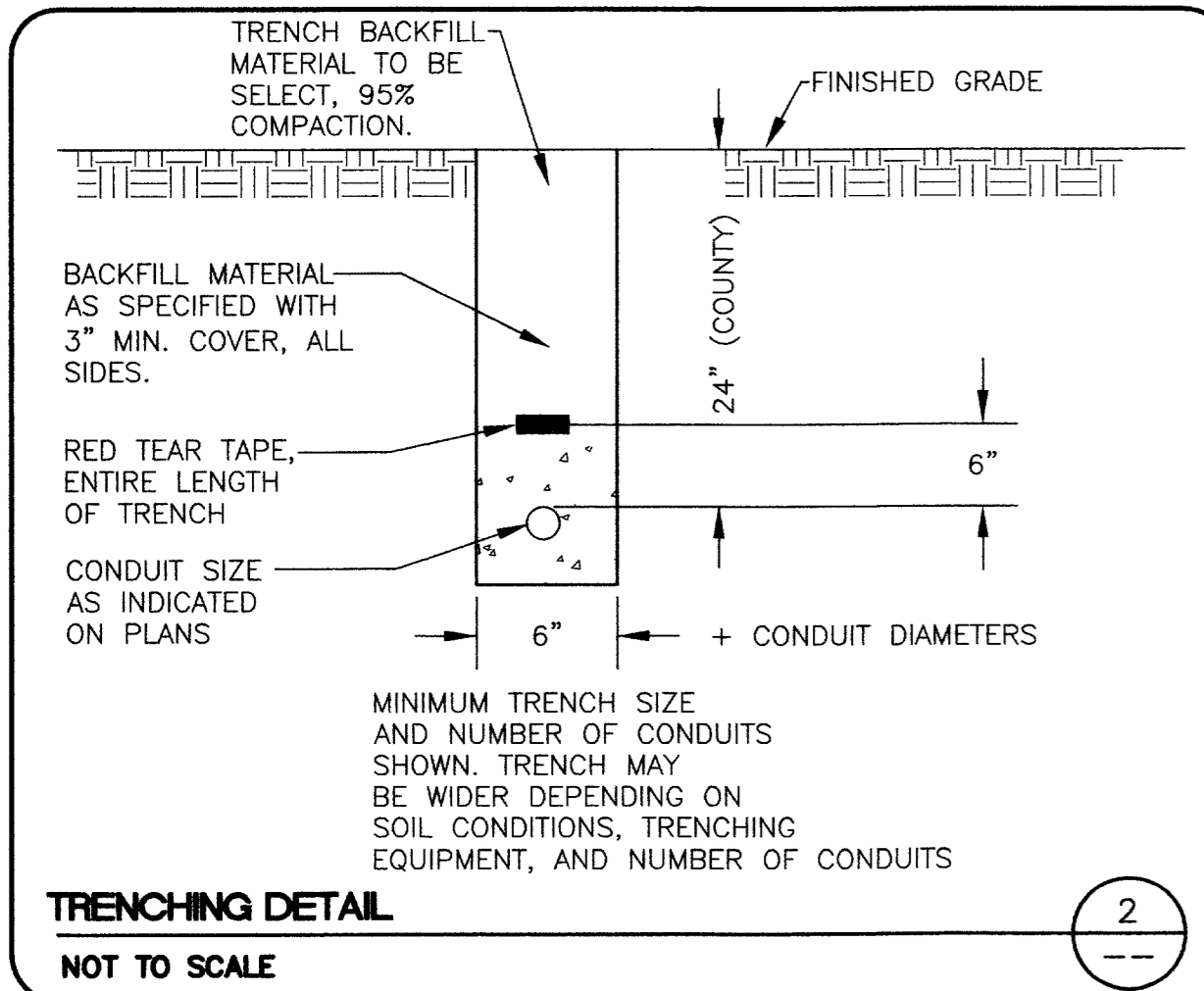
SERVICE POINT CAPACITY	= 60 AMPS
MAX ALLOWABLE DRAW (80) x 60 AMPS	= 48 AMPS
EXISTING CIRCUIT LOAD	= 0 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT	
4 PROPOSED 100 WATT LUMIN @ 1.0 AMPS	= 4 AMPS
0 PROPOSED 150 WATT LUMIN @ 1.0 AMPS	= 0 AMPS
0 PROPOSED 250 WATT LUMIN @ 1.5 AMPS	= 0 AMPS
0 PROPOSED 400 WATT LUMIN @ 3.9 AMPS	= 0 AMPS
TOTAL PROPOSED LOAD	= 4.0 AMPS
TOTAL LOAD	= 4.0 AMPS
REMAINING AVAILABLE LOAD	= 44.0 AMPS

AS OF _____ BY: CHRISTOPHER W ANDERSON, P.E. #5071
 (SERVICE PESTAL LOCATED AT THE SOUTHWEST CORNER AT THE INTERSECTION OF BONITA VISTA ST AND PRAIRIE RUN AVE. AT THE ENTRY.)

CIRCUIT SP-2 PUBLIC

SERVICE POINT CAPACITY	= 60 AMPS
MAX ALLOWABLE DRAW (80) x 60 AMPS	= 48 AMPS
EXISTING CIRCUIT LOAD	= 0 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT	
0 PROPOSED 100 WATT LUMIN @ 1.0 AMPS	= 0 AMPS
0 PROPOSED 150 WATT LUMIN @ 1.0 AMPS	= 0 AMPS
7 PROPOSED 250 WATT LUMIN @ 1.5 AMPS	= 10.5 AMPS
0 PROPOSED 400 WATT LUMIN @ 3.9 AMPS	= 0 AMPS
TOTAL PROPOSED LOAD	= 10.5 AMPS
TOTAL LOAD	= 10.5 AMPS
REMAINING AVAILABLE LOAD	= 37.5 AMPS

AS OF _____ BY: CHRISTOPHER W ANDERSON, P.E. #5071
 (SERVICE PESTAL LOCATED AT THE SOUTHWEST CORNER AT THE INTERSECTION OF ANN ROAD AND DURANGO DRIVE.)

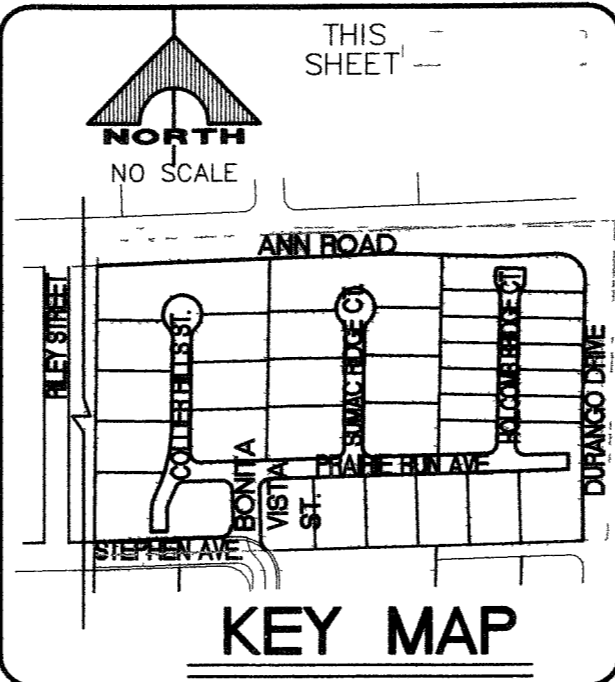
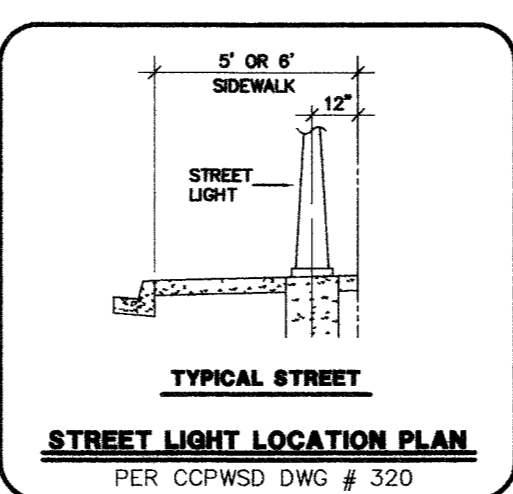


STREET LIGHT CIRCUIT CAPACITY VERIFICATION

CIRCUIT SP-1 PRIVATE

SERVICE POINT CAPACITY	= 60 AMPS
MAX ALLOWABLE DRAW (80) x 60 AMPS	= 48 AMPS
EXISTING CIRCUIT LOAD	= 0 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT	
4 PROPOSED 100 WATT LUMIN @ 1.0 AMPS	= 4 AMPS
0 PROPOSED 150 WATT LUMIN @ 1.0 AMPS	= 0 AMPS
0 PROPOSED 250 WATT LUMIN @ 1.5 AMPS	= 0 AMPS
0 PROPOSED 400 WATT LUMIN @ 3.9 AMPS	= 0 AMPS
TOTAL PROPOSED LOAD	= 4.0 AMPS
TOTAL LOAD	= 4.0 AMPS
REMAINING AVAILABLE LOAD	= 44.0 AMPS

AS OF _____ BY: CHRISTOPHER W ANDERSON, P.E. #5071
 (SERVICE PESTAL LOCATED AT THE SOUTHWEST CORNER AT THE INTERSECTION OF BONITA VISTA ST AND PRAIRIE RUN AVE. AT THE ENTRY.)



NOTES

- 2" C, 2#4, 1#8 CIRCUIT SP-2
- INSTALL 4" PVC F.A.S.T. CONDUIT WITH #8 BARE OR GREEN CONDUCTORS, PER COUSS 623G.03.01
- INSTALL "P30" PULLBOX WITH "FIBER OPTIC" INSCRIBED ON LID PER COUSS 623G.03.01

ELECTRICAL NOTES

- ALL UNDERGROUND CONDUIT SHALL BE TYPE RNC (RIGID NONMETALLIC CONDUIT), SCHEDULE 40 PVC AND SHALL BE INSTALLED PER DETAIL 2 THIS SHEET. ABOVE GRADE CONDUIT SHALL BE TYPE RMC (RIGID METALLIC CONDUIT). CONDUIT RISERS SHALL BE TYPE RMC WITH PVC COATING OR TAPE WRAP. ALL CONDUIT WHICH WOULD OTHERWISE BE EMPTY SHALL INCLUDE A NYLON PULLSTRING AND 1#8 FOR LOCATING PURPOSES.
- ALL CONDUCTOR SHALL BE STRANDED, 600V, TYPE THW INSULATED COPPER.
- 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.

Call before you Dig.
 1-702-455-7511
 CLARK COUNTY TRAFFIC OPERATIONS AND LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

Call before you Dig.
 1-800-227-2600
 UNDERGROUND SERVICE (USA)

NOTE:
 NO STRUCTURE, VEGETATION, OR OBJECT OF ANY KIND IS PERMITTED OVER TWENTY-FOUR (24) INCHES IN HEIGHT (MEASURED FROM THE TOP OF THE ADJACENT CURB IF CURB EXISTS) WITHIN THE SIGHT VISIBILITY ZONES.

DESIGN: AMLOW
 DRAWN: AM
 CHECK: CW
 ISSUE DATE:
 ISSUE EDITOR:
 PLOT DATE: 12-12-09-04
 PLOT TIME: 14:11:43

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

PINNACLE HOMES
 SABLE OAKS II
 TRAFFIC AND STREET LIGHTING PLAN

DRAWING
C-4
 4 OF 16 SHETS

78861

CLV DWG# 3070917 HTE # 04-51651