

**NOTICE!**  
EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

**Call BEFORE YOU Dig**  
1-800-227-2600  
UNDERGROUND SERVICE LOCAL

**NOTE:**  
CORNERSTONE ENGINEERING INC ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS, SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM RECORD INFORMATION AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY THE LOCATIONS AND DEPTHS OF ALL RELEVANT UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE ENGINEER OF WORK IN WRITING OF ANY CONFLICTS OR DISCREPANCIES.

**PLAN QUANTITIES**

**SURFACE IMPROVEMENTS (PRIVATE)**

2" ASPHALTIC CONCRETE PAVEMENT	23137.5Y
5" TYPE II GRAVEL BASE	3162.0Y
CURB AND GUTTER (L TYPE)	650.0LF
CURB AND GUTTER (6' CURB)	5238.0LF
VALLEY GUTTER (3' WIDE)	545.0LF
VALLEY GUTTER (2' WIDE)	762.0LF

**WATER IMPROVEMENTS (PRIVATE)**

3" PVC WATER	532.0LF
6" PVC FIRE	36.0EA
6" PVC FIRE	419.0LF
6" PVC FIRE	356.0LF
8" PVC REDUCER	1EA
12" X 8" REDUCER	1EA
6" GATE VALVE	2EA
FIRE HYDRANT ASSEMBLY	2EA

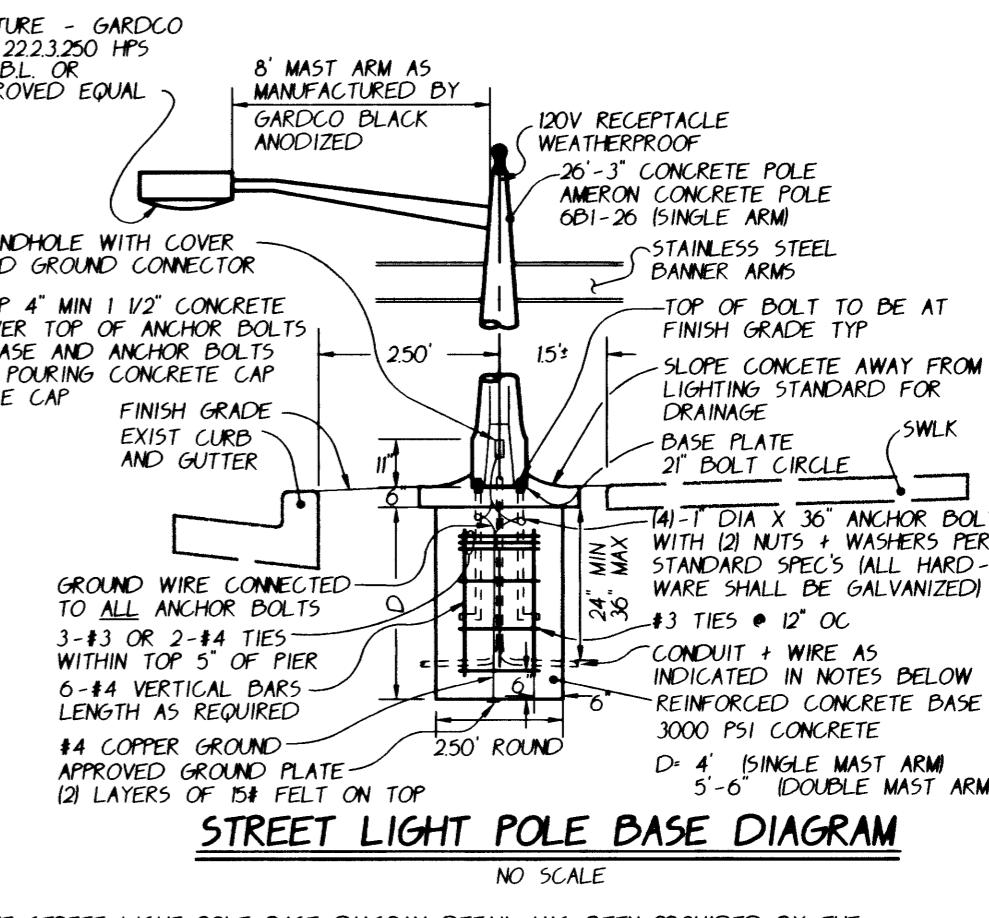
**WATER IMPROVEMENTS (PUBLIC)**

2" COPPER WATER SERVICE	4.0LF
3" PVC WATER	36.0LF
6" PVC WATER	240.0EA
12" X 8" TAPPING TEE AND 12" TAPPING VALVE	1EA
2" METER W/ 2" SERVICE SADDLE	1EA
2" RPPA	1EA
8" CDDA	2EA
10" X 8" REDUCERS	2EA

**SEWER IMPROVEMENT (PRIVATE)**

6" PVC SEWER	537.0LF
6" SEWER CLEAN OUT	6EA
6" PVC SEWER	80.0LF
48" SEWER MANHOLE	1EA

**BENCHMARK**  
DESCRIPTION: SLV9028SE66 - RIVET & PLATE IN TOP OF CURB, WEST SIDE OF BUFFALO AT RAVEN HILLS  
ELEVATION: 2382.55 U S SURVEY FEET  
726.202 METERS  
CONVERSION: 1 METER \* (3937/1200) = 1 U S SURVEY FOOT



- NOTE: THE STREET LIGHT POLE BASE DIAGRAM DETAIL HAS BEEN PROVIDED BY THE CITY OF LAS VEGAS. THIS DETAIL HAS BEEN PROVIDED ON THE PLANS AT THE REQUEST OF THE CITY AND IS NOT A PART OF THE ENGINEERING PERFORMED BY CORNERSTONE ENGINEERING. THE CITY HAS THE ORIGINAL DETAIL ON FILE WITH THE ENGINEER OF WORK. ENGINEERING STAMP. CORNERSTONE ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE DETAIL OR ANY LIABILITY FOR THE DESIGN.
- PROVIDE ONE (1) IN-LINE 2 POLE FUSE HOLDERS WITH 10A FUSES AND ONE (1) IN-LINE SINGLE POLES FUSE HOLDER WITH 10-A FUSES PER POLE LOCATED AT THE HANDHOLE.
  - WIRE FROM HANDHOLE TO 120V RECEPTACLE SHALL BE 10 THN STR (3 TOTAL).
  - WIRING TO LUMINAIRES AND RECEPTACLE FROM HANDHOLE SHALL BE GROUND.
  - 2" CONDUIT WITH 4-14, 1-11 THN WIRD (179).
  - CONTROL CIRCUIT FROM 120V RECEPTACLE SHALL BE FED FROM STREET LIGHT PHOTO EYE.
  - COORDINATE ALL WORK WITH CITY OF LAS VEGAS ELECTRICAL SHOP PHONE 221-6331

**JOHN STALUPPI JR**  
1160 W SAGABA AVE  
LAS VEGAS, NV 89117

**CornerStone Engineering Inc.**  
101 CONVENTION CENTER DR SUITE 800  
LAS VEGAS, NV 89109  
702-731-4711 FAX 702-731-4788

**QUANTITIES + DETAILS**  
PLANET NISSAN  
CITY OF LAS VEGAS

FILENAME: 305-DET.DWG  
DATE: OCT 4, 2002  
XREF FILES:  
SHEET: 8 OF 11 SHEETS  
DRAWN BY:  
CHECKED BY:  
SCALE:  
PROJECT NO: 505-00

**SEAL**  
BRIAN D. RIDINGER  
10-4-02  
PROFESSIONAL ENGINEER  
No. 12309  
EXPIRES 12/30/10

**SHEET C3**  
DRAWING NO. 107-Y-163Z