

**BASIS OF BEARING**  
 THE BASIS OF BEARING OF THIS SURVEY IS THE CENTERLINE OF TOWN CENTER DRIVE AS SHOWN BY MAP THEREOF ON FILE IN FILE # 74, PAGE 14 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, BEING NORTH 42° 00' 00" EAST.

**BENCHMARK**  
 BENCHMARK NO. 9: RIVET & PLATE IN TOP OF CURB; WSW RETURN OF HILLS CENTER DRIVE & HILLPOINTE ROAD. STATION OL700, 19N6

ELEVATION: 2666.206

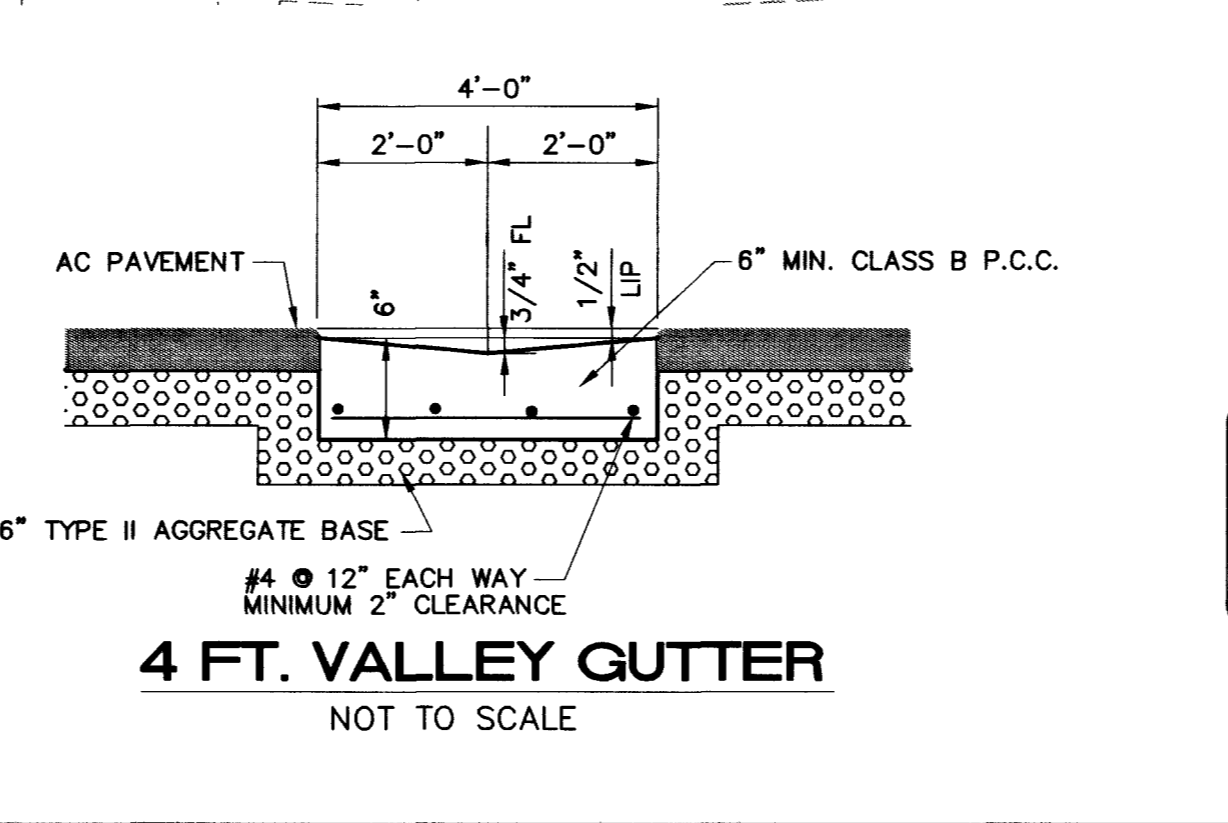
**LEGEND**

**ABBREVIATIONS**

19.00 SPOT ELEVATION  
 BS FINISHED GRADE  
 FC FINISHED GRADE  
 BS BACK OF SIDEWALK  
 FL FLOW LINE  
 HP HIGH POINT  
 GB GRADE BREAK  
 TW TOP OF WALL  
 ES EDGE OF SIDEWALK  
 EOP EDGE OF PAVEMENT  
 FS FRONT OF SIDEWALK  
 TB TOP OF BERM

FLOWLINE/SWALE  
 FLOW ARROW  
 LOT LINE  
 EXISTING CONTOURS  
 PROPOSED CONTOURS  
 R/W LINE  
 EXISTING IMPROVEMENTS

- KEY NOTES**
- INSTALL TYPE A CURB PER SUMMERLIN IMPROVEMENT STANDARD S-50.
  - INSTALL TYPE L CURB AND GUTTER PER SIS-S-50.
  - MATCH EXISTING GRADE S = 2H:1V MAX.
  - 2" CURB CUT.
  - INSTALL 4" THICK SIDEWALK PER SIS-S-72.
  - INSTALL 8" CROSS GUTTER PER SIS-S-64.
  - INSTALL 4" VALLEY GUTTER PER DETAIL THIS SHEET.
  - INSTALL SIDEWALK RAMP PER SIS-S-75. USE TYPE "E" CONCRETE.
  - INSTALL FLOOD BERM PER CROSS SECTION 3 THIS SHEET. (BERM IS TO BE PRIVATELY MAINTAINED.)



**DISCLAIMER NOTE**

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

**Call before you Dig**  
 1-800-227-2909  
 UACB/CORPORATE SERVICE (USA)

**Call before you Overhead**  
 1-702-985-6111

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT THE CITY OF LAS VEGAS.

DAVID P.N. HUCKLE P.E. 5256 DATE 11/31/03

**PRIMAS AND ASSOCIATES CONSULTING ENGINEERS**  
 1081 SOUTH CHARBON RD. STE 1-A  
 LAS VEGAS, NEVADA 89145  
 (702) 208-8183  
 FAX (702) 228-8184

SCALE (H): 1"=30'  
 SCALE (V): N/A  
 DRAWN: JG  
 DESIGN: JG  
 CHECKED: JG  
 DATE: 8/27/02

**S.R. CONSTRUCTION**  
**GRACE IN THE DESERT CHURCH**  
**GRADING PLAN**

RECOMMENDED BY:  
 DAVID P.N. HUCKLE  
 CIVIL ENGINEER  
 R.F.E. NO. 5256

SHEET 5 OF 5  
 08.01001  
 CLV DRAWING # 107-V3662