



- ### CONSTRUCTION NOTES
- 24" L-TYPE CURB & GUTTER (PER USD #216)
 - 30" ROLL CURB (PER USD #217A)
 - CONSTRUCT 10" CURB TRANSITION FROM L-TYPE CURB TO 30" ROLL CURB (PER DETAIL SHEET GD2)
 - 8" CROSS GUTTER (PER USD #228)
 - SAWCUT & MATCH EXISTING AC PAVEMENT (PER CCAUSD #500.4, 500.5 & 503)
 - 2" AC W/ 4" TYPE II OVER 6" TYPE I AGGREGATE BASE (PER HTE# 13-42235)
 - 3" AC W/ 4" TYPE I OVER 5 1/2" TYPE I AGGREGATE BASE (PER HTE# 13-42235)
 - CONSTRUCT AC SWALE MATCHING INTO EXISTING GRADE
 - CUT OFF WALL TO MATCH INTO GATE VALVE CONCRETE COLLAR (PER DETAIL Z, SHEET G02)
 - WROUGHT IRON GATE (PER DETAIL S, SHEET GD2)
 - INSTALL CUT-OFF WALL (L-3-S), SEE DETAIL Z/GD2
 - CONSTRUCT 10" CURB TRANSITION FROM 30" ROLL CURB TO ZERO CURB (PER DETAIL W, SHEET GD2)
 - CONSTRUCT 48"x18" BLOCK WALL OPENING (PER DETAIL V, SHEET GD2)
 - CONSTRUCT 3x7" RIPRAP PAD (PER DETAIL Q, SHEET GD2)
 - INSTALL REMOVABLE BOLLARDS (UDACS PLATE NO. 75), SEE DETAIL AA/GD2
 - CONSTRUCT 2" WIDE CONCRETE BAND (PER DETAIL AA, SHEET GD2)

TRAFFIC NOTE

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

GEOTECHNICAL

GEO TEK RESIDENTIAL, LLC
8835 SOUTH ESCONDIDO STREET, SUITE B REPORT NO: 11090-LVR8
LAS VEGAS, NEVADA 89119 DATE: 02/21/2013
702-897-1424

UTILITY CONSTRUCTION NOTES

- CUT EX. 8" WATERLINE AND CONNECT TO EX. W/ 8" 90° BEND (UDACS PLATE NO. 31 & 36)
- 8" 90° BEND (UDACS PLATE NO. 31)
- ENCASE EX. SS IN 4" CONCRETE SLURRY PER UDACS 2.22.02.B.3.c 10" EACH SIDE OF CROSSING

WATER MAIN JOINT DEFLECTION

(PVC 4"-24")
PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MAXIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.07.01 AND 2.07.02.
FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FIFTY (50) PERCENT SHALL BE USED.

UTILITY DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL 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 LOCATIONS.
CALL BEFORE YOU DIG: 1-800-227-2600
CALL BEFORE YOU OVERHEAD: 1-702-227-2929

GRADING NOTES

COMPLETION OF SECTION II OF DRAINAGE COMPLIANCE REPORT REQUIRED.
ADD 2500 FEET TO ALL GRADE TAGS TO GET ACTUAL ELEVATION.
THE ELEVATION DIFFERENCE BETWEEN THE PAD AND FINISH FLOOR IS DETERMINED FROM THE MINIMUM THICKNESS REQUIRED PER THE GEOTECHNICAL REPORT. FINISH FLOORS MAY INCREASE DEPENDING ON THE TYPE OF SOIL AND FOUNDATION PLAN USED. NOTE THAT THE STRUCTURAL PLANS & GEOTECHNICAL REPORT SHALL SUPERSEDE THE CIVIL IMPROVEMENT PLANS.

BENCHMARK

BLV9029W4 - CITY OF LAS VEGAS PIN AND ROUND PLATE IN CONCRETE PAD, SOUTHEAST CORNER OF TROPICAL PKWY. AND FT. APCHED RD. 41-50' EAST OF FT. APACHE RD.
ELEVATION 789.68M/2590.82FT (NAVD 88 DATUM)

BASIS OF BEARINGS

NORTH 89°18'17" EAST, BEING THE NORTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) SECTION 28, TOWNSHIP 19 SOUTH, RANGE 80 EAST AS SHOWN FILE 107, PAGE 31 OF SURVEYS IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER

LEGAL DESCRIPTION

THE EAST HALF (E1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) AND THE WEST HALF (W 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 28, TOWNSHIP 19 SOUTH, RANGE 80 EAST M.D.M.

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CLARK COUNTY DEPARTMENT OF PUBLIC WORKS DEVELOPMENT REVIEW

ACCEPTANCE OF PLANS FOR FILING

DATE: 3/14/14
SCALE: 1" = 30'
JOB NO: WLL-13-075
DESIGNED BY: DRL
CHECKED BY: AM
SHEET NAME: PP1
SHEET: 7 OF 17
HTE# 13-39191/HAS/5109
CLV# 307V1082

UnderGround
1-702-455-7511
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

Call Before You Dig
1-800-227-2600
1-800-455-7544

WILLIAM LYON HOMES
900 PLOTT ROAD, SUITE #6
LAS VEGAS, NV 89119
(702) 200-6200 FAX: (702) 200-6220

TANEY ENGINEERING
6800 S. JONES BLVD. SUITE #100
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-8233

BRIGHT ANGEL AND CAMPBELL
A RESIDENTIAL SUBDIVISION
BRIGHT ANGEL WAY
STA: 1+00.00 TO 8+00.00
PLAN & PROFILE

REVISIONS

NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER
ROBERT D. CUNNINGHAM
Exp. 12-31-14
CIVIL
No. 15726
3/14/14
ENGINEER'S SEAL