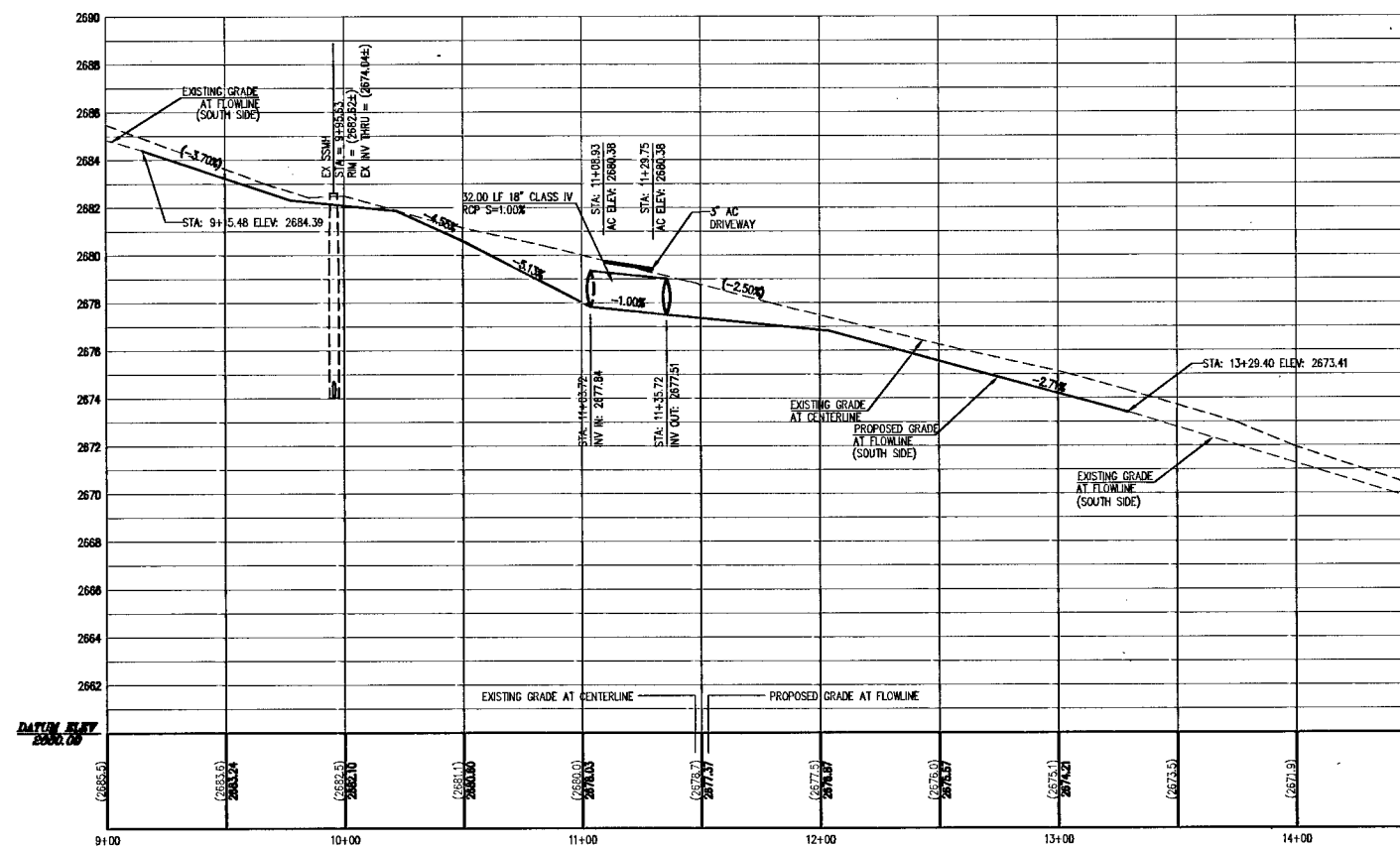


**BRIGHT ANGEL WAY (PUBLIC) - PLAN VIEW**  
HORIZONTAL 1"=40'



**BRIGHT ANGEL WAY (PUBLIC) - PROFILE VIEW**  
VERTICAL 1"=4'  
HORIZONTAL 1"=40'

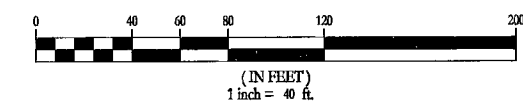
**CONSTRUCTION NOTES**

- 1 - 18" CLASS IV RCP SD. INV IN = 2677.84
- 2 - 18" CLASS IV RCP SD. INV OUT = 2677.51
- 3 - SAWCUT AND MATCH INTO EXISTING ASPHALT
- 4 - ASPHALT AND TYPE II AGGREGATE BASE THICKNESS BASED ON USD #210 PER ZONING 32' PAVEMENT AND FIELD TESTING. REFER TO GEOTECHNICAL REPORT.
- 5 - TRENCH BACKFILL AND REPAVE (USD #500B2, 501 AND 503AB)
- 6 - TRENCH BACKFILL AND REPAVE (USD #500B2, 501 AND 503AB)

**LEGEND**

	EXISTING (10.00)	PROPOSED (10.00)
DESIGN ELEVATION		
FUTURE ELEVATION		
SCARP (SLOPE VARIES)		
EXISTING CONTOUR (5' INTERVAL)		
EXISTING CONTOUR (5' INTERVAL)		
DIRECTION OF FLOW		
RETAINING WALL		
CMU WALL		
CENTERLINE		
RIGHT-OF-WAY		
CUT LINE- ASPHALT		
POWER POLE		
PROPERTY LINE		
EDGE OF PAVEMENT		
SIGHT VISIBILITY ZONE - (NOTHING OVER 24" IN HEIGHT WITHIN SIGHT VISIBILITY ZONE EXCEPT TRAFFIC CONTROL DEVICES)		
CAP & 2" BLOW OFF VALVE		
WATERLINE FITTINGS		
GATE VALVE		
FIRE HYDRANT		
SEWER LINE W/MANHOLE		
SEWER LATERAL		
WATER LINE		
WATER LATERAL W/METER		
BACKWATER VALVE		
PRESSURE REDUCING VALVE		
STORM DRAIN W/MANHOLE		
PAD AREA		

**SCALE**



**LEGAL DESCRIPTION**

A PORTION OF THE WEST HALF OF THE SOUTHWEST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 80 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP IN BOOK 124, PAGE 61 OF PLATS IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER.

**BASIS OF BEARINGS**

NORTH 89°49'37" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHWEST QUARTER (SE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 80 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP IN BOOK 124, PAGE 61 OF PLATS IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER.

**BENCHMARK**

BENCHMARK # 811 W/ 10MM CITY OF LAS VEGAS INVERT AND PLATE IN CONCRETE PAD NE CORNER OF TROPICAL AND CONSULTADOR.  
ELEVATION 821.9887±/2696.81FT (NAVD 88 DATUM)

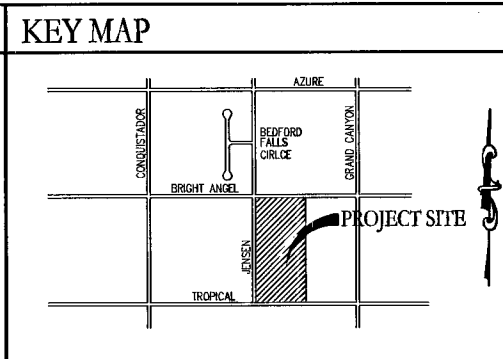
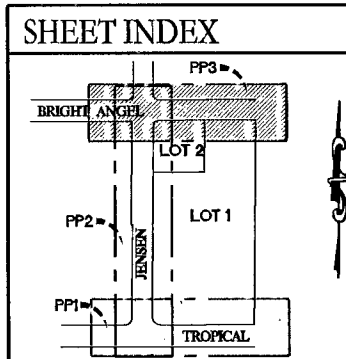
**ABBREVIATIONS**

AC	ASPHALTIC CONCRETE	MIN	MINIMUM
BC	BACK OF CURB	N/S	NOT TO SCALE
BCR	BACK OF CURB RADIUS	OC	ON CENTER
BW	BENCHMARK	PB	PULL BOX
BVC	BEGIN VERTICAL CURVE	PC	POINT OF CURVE
BW	BOTTOM OF EXISTING WALL	PCC	POINT OF COMPOUND CURVE
CL	CABLE TELEVISION	PH	POLYETHYLENE
CLV	CLARK COUNTY	PI	POINT OF INTERSECTION
CLV	CITY OF LAS VEGAS	PL	PROPERTY LINE
CLV	CITY OF NORTH LAS VEGAS	PT	POINT OF CONNECTION
CD	CLEAN OUT, SLEWER	PP	POWER POLE
CDH	CITY OF HENDERSON	PVC	POINT OF REVERSE CURVE
CY	CUBIC YARD	PP	POINT OF TANGENCY
DC	DESIGN GRADE	PVC	POLYVINYL CHLORIDE
DI	DROP INLET	R	RADIUS
DIP	DUCTILE IRON PIPE	RCB	REINFORCED CONCRETE BOX
EC	END OF CURVE	RCP	REINFORCED CONCRETE PIPE
EP	EDGE OF PAVEMENT	R/W	RIGHT-OF-WAY
EVC	END VERTICAL CURVE	RT	RIGHT
EX	EXISTING	SD	STORM DRAIN
FF	FINISH FLOOR ELEVATION	ST	STREETLIGHT
FG	FINISH GRADE	SS	SANITARY SEWER
FI	FIRE HYDRANT	STA	STATION
FL	FLOW LINE	STD	STANDARD
FT	FEET	SVZ	SIGHT VISIBILITY ZONE
GB	GRADE BREAK	TC	TOP OF CURB
GP	GRADE POINT	TF	TOP OF FOOTING
GV	GRAVE FINISH FLOOR	TR	TOP OF RETAINING
HP	HIGH POINT	TW	TOP OF WALL
INV	INVERT	TY	TYPICAL
LF	LINEAR FEET	USD	UNIFORM STANDARD DRAWING (CC AREA)
LP	LOW POINT	VC	VERTICAL CURVE
LT	LEFT	VCP	VITRIFIED CLAY PIPE
LWVD	LAS VEGAS VALLEY WATER DISTRICT	VDP	VALLEY DRAIN
MAY	MANHOLE	W	WATER

Call Before You Dig  
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.  
**CALL 811**  
1-800-227-2600  
CLARK COUNTY TRAFFIC OPERATIONS  
1-800-455-7544

Call Before You Dig  
AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS. IT'S COSTLY.  
**UnderGround**  
1-702-455-7511  
CLARK COUNTY TRAFFIC OPERATIONS  
1-702-432-5300  
FREEWAY & AIRBORNE SYSTEMS OF TRANSPORTATION (FAST)

Call Before You Dig  
AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.  
**CALL BEFORE YOU DO OVERHEAD**  
1-702-227-2929



**APPROVAL BLOCK**

ACCEPTANCE OF PLANS FOR FILING

BY: \_\_\_\_\_ DATE \_\_\_\_\_

CLARK COUNTY DEPARTMENT OF DEVELOPMENT SERVICES

ACCEPTANCE OF THESE PLANS FOR FILING SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS AND/OR SPECIFICATIONS. CLARK COUNTY SHALL BE HELD FREE FROM DAMAGES WHICH MAY RESULT FROM THE CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERING DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

**JURISDICTION**  
CLARK COUNTY (CLV SEWER)

**CHARLES & BEVERLY PHILLIPS**  
9660 W. TROPICAL & JENSEN  
LAS VEGAS, NV, 89149  
702.442.5200

**TANEY ENGINEERING**  
6803 S. LAS VEGAS BLVD, SUITE 110  
LAS VEGAS, NV 89148  
702.362.8844 FAX: 702.362.5235

**MSM-08-17**  
**TROPICAL & JENSEN**  
**N/E FOR PHILLIPS**  
**BRIGHT ANGEL WAY**  
**PLAN AND PROFILE**

**REVISIONS**

NO.	DESCRIPTION	BY	DATE	APPR.

**ENGINEER'S SEAL**  
ROBERT D. CUNNINGHAM  
Exp. 12-31-10  
CIVIL  
15728  
1/14/09

DATE: 11.04.08  
SCALE: H.1"=40', V.1"=4'  
JOB NO: PLP-07-001  
DESIGNED BY: FR/BSP  
CHECKED BY: EL  
SHEET NAME: PP3  
SHEET: 7 OF 10  
HTG 08-28-27  
CLV# 307U1035