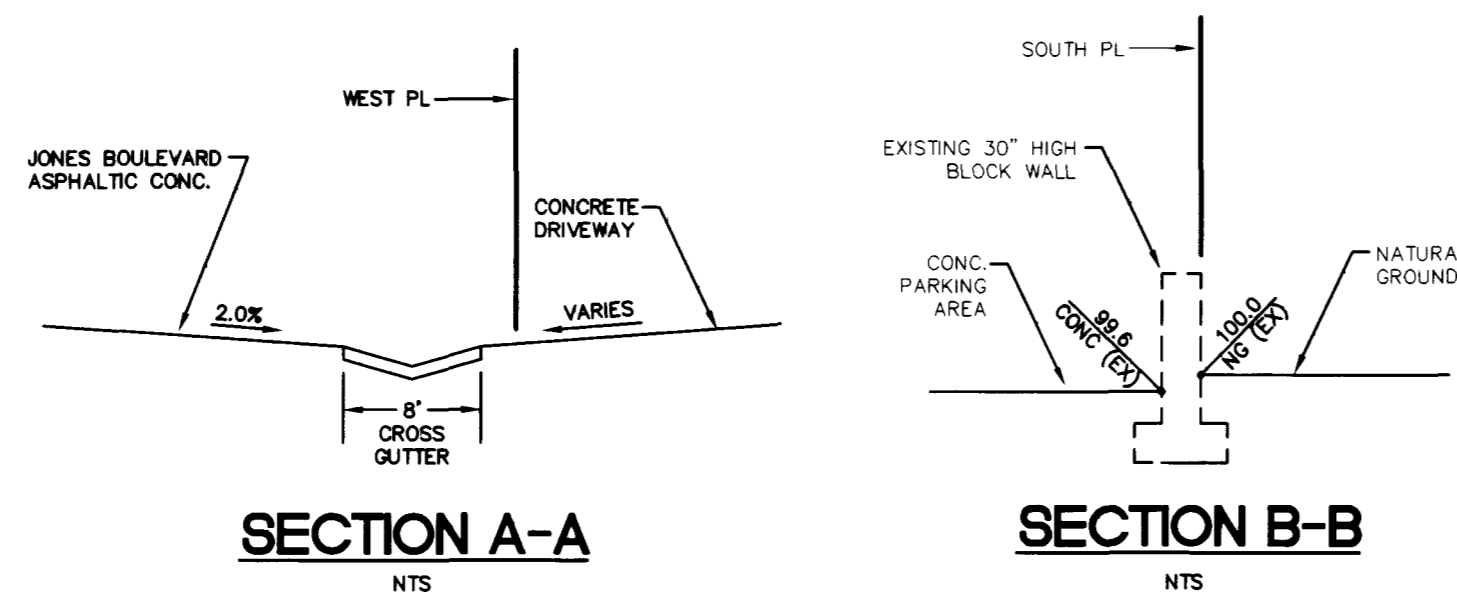


**CONSTRUCTION NOTES**

- BEGIN REMOVAL OF EXISTING SIDEWALK, "L" CURB, AND GUTTER. BEGIN INSTALLATION OF COMMERCIAL DRIVEWAY AND CROSS GUTTER PER NDOT STANDARD PLAN DRAWING R-5.1.1.1-(613).
- CONSTRUCT SIDEWALK CURB RAMP PER NDOT STANDARD PLAN DRAWING R-5.1.1.1-(613).  
A = 4.5'  
B = 4.5'
- CONSTRUCT SIDEWALK CURB RAMP PER NDOT STANDARD PLAN DRAWING R-5.1.1.1-(613).  
A = 4.5'  
B = 4.5'
- END REMOVAL OF SIDEWALK, CURB, AND GUTTER. END CONSTRUCTION OF 26" COMMERCIAL DRIVEWAY.
- SANUCUT, REMOVE, AND CONSTRUCT NEW CONCRETE DRIVEWAY AND PARKING AREA. THICKNESS OF NEW CONCRETE TO MATCH EXISTING CONCRETE.
- INSTALL "A" CURB.
- EXISTING WATER METER TO BE ADJUSTED TO FINISH GRADE OF PROPOSED IMPROVEMENTS AND INSTALL LOAD BEARING METER BOX & LID (ARMORCAST, NO. PWS: A8000485 & A8000484) PER PLATE NO. 10 OF THE UNIFORM DESIGN STANDARDS (UDS) FOR WATER DISTRIBUTION SYSTEMS. CENTER METER BOX IN 6"(MIN) COLLAR WITH REBAR PER UDS PLATE NO. 1D.
- CUT EXISTING WATERLINE AND INSTALL SWEEPING CURVE TO RPPA.
- INSTALL 12 LINEAR FEET OF 1" COPPER WATERLINE IN PVC CONDUIT.
- INSTALL 45° BEND AND APPROXIMATELY 15 LINEAR FEET OF 1" WATERLINE.
- INSTALL 3/4" BACKFLOW PREVENTION REDUCED PRESSURE PRINCIPLE ASSEMBLY PER UDS PLATE NO. 11A.
- INSTALL 45° BEND AND APPROXIMATELY 26 LINEAR FEET OF 1" WATERLINE.
- CONTRACTOR TO VERIFY LOCATION OF EXISTING WATERLINE. CUT EXISTING WATERLINE AND CONNECT TO NEW 1" WATERLINE.
- SITE VISIBILITY EASEMENT. NO OBSTRUCTION OVER 30" ABOVE THE TOP OF CURB SHALL BE FOUND IN SHADED AREA.
- AREA TO BE MARKED "NO PARKING".
- LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES OR STRUCTURES NOT SHOWN OR NOT IN THE LOCATION SHOWN ON DRAWINGS.
- INSTALL 90° BEND AND APPROXIMATELY 2 LINEAR FEET OF 1" WATERLINE.

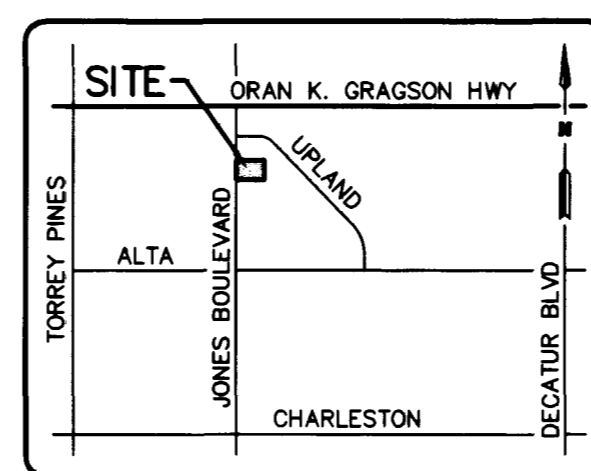


**CURVE TABLE**

CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	5.00'	7.85'	5.00'	90°00'00"
C2	5.00'	7.85'	5.00'	90°00'00"
C3	4.50'	7.07'	4.50'	90°00'00"
C4	10.00'	15.71'	10.00'	90°00'00"
C5	10.00'	15.71'	10.00'	90°00'00"
C51	5.00'	2.37'	1.21'	27°07'40"

**LINE TABLE**

LINE	DIRECTION	DISTANCE
L1	S02°39'25"E	18.00'
L2	S87°20'35"W	5.00'
L3	S87°20'35"W	5.00'
L4	N02°39'25"E	9.00'
L5	S87°20'35"W	53.00'
L6	S02°39'25"E	59.50'
L7	S87°20'35"W	18.00'
L8	S02°39'25"E	8.00'
L9	S02°39'25"E	5.00'
L10	N02°39'25"E	4.00'
L11	N02°39'25"E	5.00'
L31	N87°20'35"E	4.80'
L33	S101°7'50"E	18.62'
L34	S87°20'35"W	7.55'
L36	N87°20'35"E	3.37'
L37	S01°38'10"W	11.03'



VICINITY MAP  
N.T.S.

CHARLESTON HEIGHTS  
TRACT No. 6--B

NOT A PART

**CALL before you DIG**  
1-800-227-2600  
UNDERGROUND SERVICE (USA)  
AVOID CUTTING UNDERGROUND  
UTILITY LINES. IT'S COSTLY!

**QUANTITIES**

VALLEY GUTTER	338 SF (PUBLIC)
SIDEWALK	157 SF (PUBLIC)
HANDICAP RAMP	2 EA (PUBLIC)
TYPE II	12 CY (PUBLIC)
"A" CURB	28 LF (PRIVATE)
CONCRETE	1208 SF (PRIVATE)

**CLV FIRE DEPARTMENT**

FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.  
BASED ON:  
SQUARE FOOTAGE: 1350 SF (EXISTING)  
LARGEST AREA BETWEEN AREA SEPARATION WALLS: 1350 SF  
HEIGHT: 15 FEET  
TYPE OF CONSTRUCTION: VN  
EXPOSURES:  
SPRINKLER SYSTEM: NONE  
OCCUPANCY:  
ROOF CONSTRUCTION:  
REVIEWED BY: SQUARE FOOTAGE:  
DATE: SQUARE FOOTAGE:

**BASIS OF BEARINGS**

THE BEARING N 02°39'25" W OF THE WEST LINE OF SECTION 36, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M. AS RECORDED IN BOOK 5 OF PLATS, PAGE 54, IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA.

**BENCHMARK**

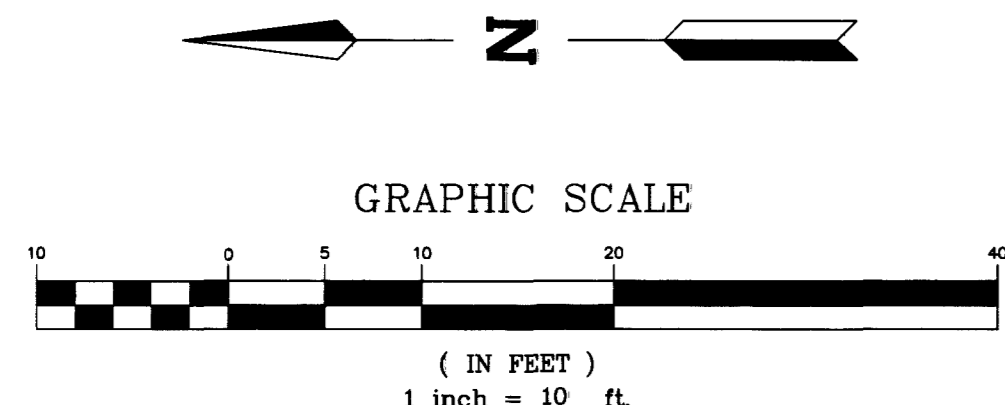
BM ILV0036NWS  
RIVET AND PLATE IN TOP OF CURB AT NORTHEAST RETURN OF JONES BOULEVARD AND UPLAND PLACE.  
ELEVATION = 2297.11 FT (700.16 m) NAVD 88

**LEGEND**

- 2298 --- EXISTING CONTOUR
- --- PROPERTY LINES
- --- EXISTING BLOCK WALL
- --- EXISTING WATER METER
- --- EXISTING TELEPHONE BOX
- --- EXISTING SPOT ELEVATION
- --- PROPOSED ELEVATION
- --- PROPOSED CONCRETE
- --- NO PARKING AREA

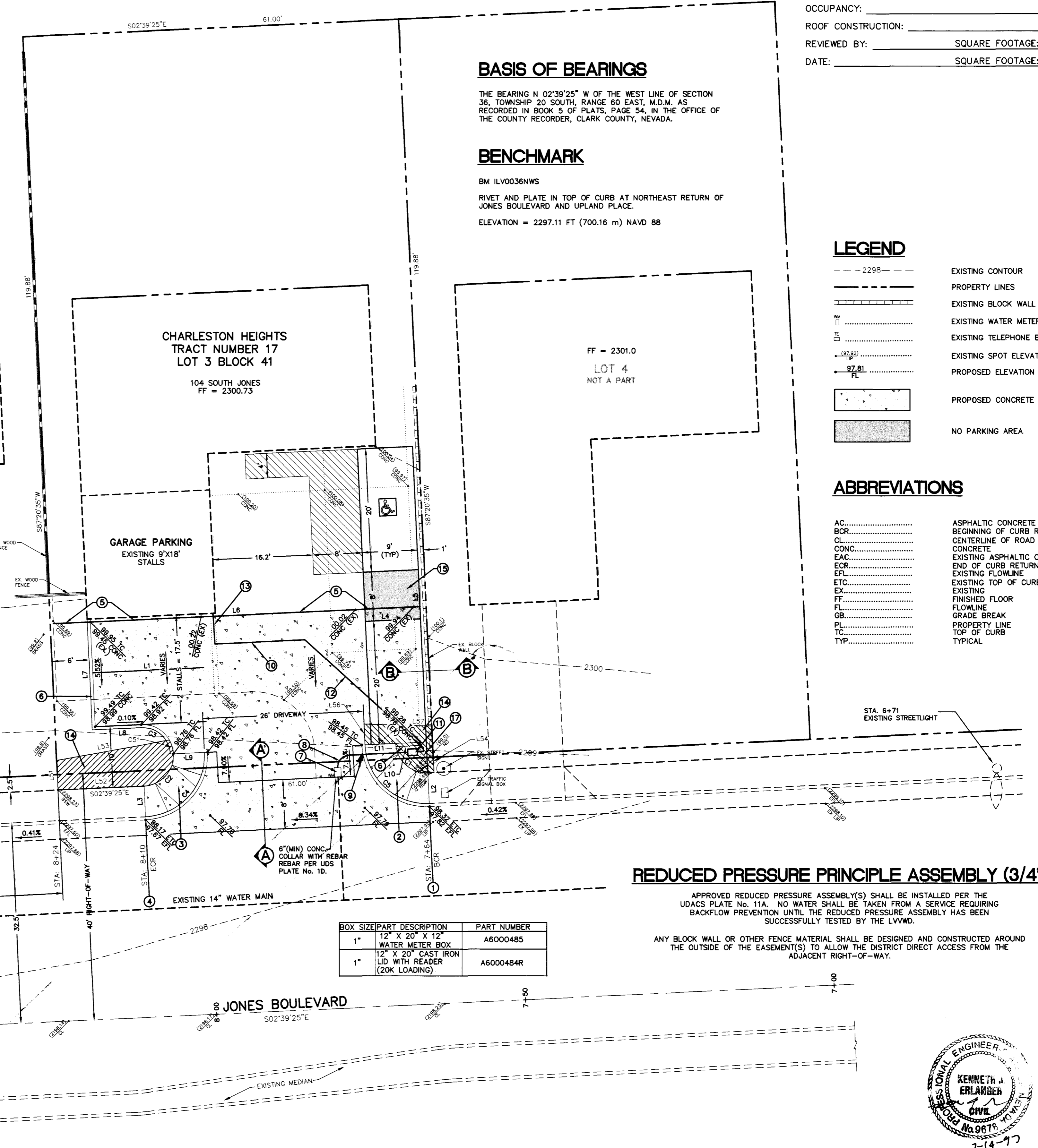
**ABBREVIATIONS**

- AC..... ASPHALTIC CONCRETE
- BCR..... BEGINNING OF CURB RETURN
- CL..... CENTERLINE OF ROAD
- CONC..... CONCRETE
- EAC..... EXISTING ASPHALTIC CONCRETE
- ECR..... END OF CURB RETURN
- EFL..... EXISTING FLOWLINE
- ETC..... EXISTING TOP OF CURB
- EX..... EXISTING
- FF..... FINISHED FLOOR
- FL..... FLOWLINE
- GB..... GRADE BREAK
- PL..... PROPERTY LINE
- TC..... TOP OF CURB
- TYP..... TYPICAL



APPROVED FOR CONSTRUCTION ESN 018

*James P. Rodwin* 7/18/97  
LAS VEGAS VALLEY WATER DISTRICT DATE



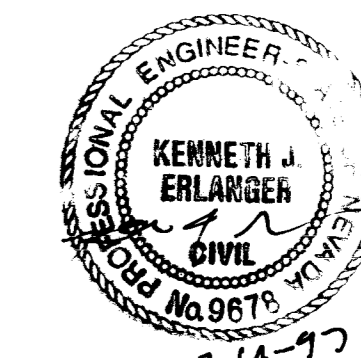
**NOTE:**

JONES BOULEVARD IS A NEVADA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY (BC TO BC). THE CITY OF LAS VEGAS DOES NOT REVIEW THESE PLANS FOR CONFORMANCE WITH NDOT STANDARDS. A SEPARATE REVIEW, APPROVAL AND ENCROACHMENT MUST BE OBTAINED FROM NDOT PRIOR TO CONSTRUCTION.

**REDUCED PRESSURE PRINCIPLE ASSEMBLY (3/4")**

APPROVED REDUCED PRESSURE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWMD.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.



CONSULTING ENGINEERS INC.  
1515 E. TROPICANA, SUITE 520  
LAS VEGAS, NV 89119  
PH. (702) 597-2988 • FAX. (702) 597-0309

NEW DRIVEWAY AND PARKING  
104 SOUTH JONES BOULEVARD  
GRADING AND SITE PLAN

FILE NAME: ST-1271  
DESIGNED BY: GQE  
DRAWN BY: GQE  
CHECKED BY: KJE  
DATE: 3/24/97  
SCALE: 1"=10'  
JOB NUMBER: 1271  
SHEET: 2  
OF: 2

1439

107-12704

