

MATCH LINE • STA. 14+26.86 (SEE SHEET C5)

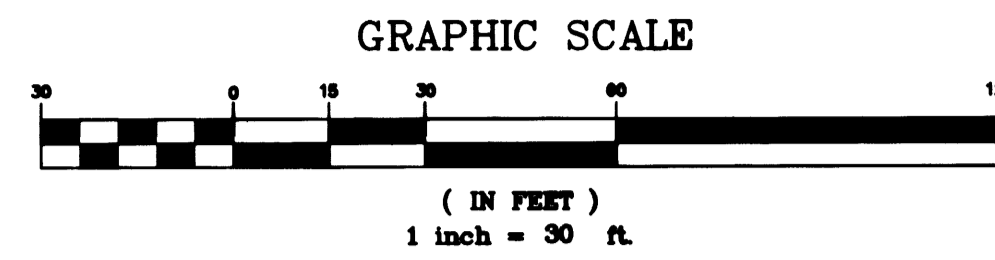
REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 1-1/2"
 APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.
 ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S), SO AS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

INSTALLATION OF (1) 10" DOUBLE CHECK DETECTOR ASSEMBLY
 THE DOUBLE CHECK DETECTOR ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE 20B.
 ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S), SO AS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.
 EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

QUANTITIES

	PRIVATE	PUBLIC
1.5" COPPER WATERLINE	259 LF	8 LF
6" PVC WL	49 LF	17 LF
8" PVC WL	540 LF	440 LF
8" GATE VALVE		2 EA
FIRE HYD. ASS	2 EA	1 EA
10" DOUBLE CHECK ASSEMBLY		1 EA
1.5" METER		1 EA
1.5" RPPA		1 EA
2" BLOW-OFF		1 EA
8"x10" REDUCER	1 EA	1 EA
SS CLEANOUT	3 EA	1 EA
6" PVC SANITARY SEWERLINE	196 LF	10 LF
100 W HPS STREETLIGHT		1 EA
250 W HPS STREETLIGHT		5 EA
NO. 3.5 PULL BOX		1 EA

THESE QUANTITIES ARE FOR PLANS CHECKING PURPOSES ONLY AND SHOULD NOT BE USED BY CONTRACTORS TO DETERMINE FINAL QUANTITIES.



LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED SANITARY SEWER LINE
- EXISTING SANITARY SEWER LINE
- PROPOSED WATER LINE
- EXISTING WATER LINE
- EXISTING EDGE OF ASPHALT
- PROPERTY/RIGHT-OF-WAY LINE
- CENTERLINE
- BLOCK WALL
- EXISTING OVERHEAD POWER AND TELEPHONE
- SAWCUT LINE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING/PROPOSED 100W HPS STREETLIGHT
- EXISTING/PROPOSED 250W HPS STREETLIGHT
- STREETLIGHT SERVICE POINT
- HANDICAPPED SYMBOL
- EXISTING/PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- CLEANOUT
- STREET SIGN
- CONCRETE
- FIRE LANE
- CURB TO BE PAINTED RED

ABBREVIATIONS

- AC..... ASPHALTIC CONCRETE
- BCR..... BEGINNING OF CURB RETURN
- COH..... CITY OF HENDERSON
- CO..... CENTERLINE OF ROAD
- CO..... SEWER CLEANOUT
- CONC..... CONCRETE
- EAC..... EXISTING ASPHALTIC CONCRETE
- ECR..... END OF CURB RETURN
- EP..... EDGE OF PAVEMENT
- ETC..... EXISTING TOP OF CURB
- EX..... EXISTING
- FF..... FINISHED FLOOR
- FL..... FLOWLINE
- GB..... GRADE BREAK
- IE..... INVERT ELEVATION
- LVVWD..... LAS VEGAS VALLEY WATER DISTRICT
- OP..... EXISTING OVERHEAD POWER
- PE..... PAD ELEVATION
- PP..... PROPERTY LINE
- PP..... POWER POLE
- SD..... STORM DRAIN LINE
- SS..... SANITARY SEWERLINE
- TC..... TOP OF CURB
- TP..... TYPICAL
- WL..... WATERLINE

SEWER CONTRIBUTION

AVERAGE FLOW= 12,000 GPD
 PEAK FLOW= 34,800 GPD

BENCHMARK

BM #37, 2LV01 19N5, BEING A RIVET AND PLATE IN TOP OF CURB, SW RETURN RANCHO DRIVE AND LAKE MEAD BLVD.
 ELEVATION: 2177.58 FEET (664.0988 METERS)

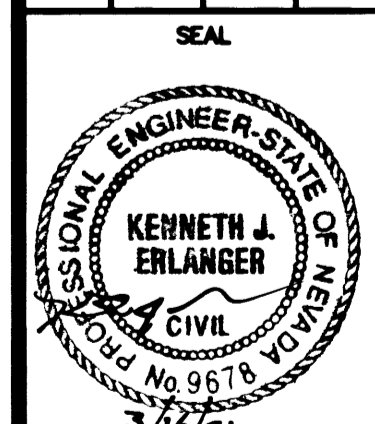
BASIS OF BEARINGS

SOUTH 35°15'40" EAST BEING THE CENTERLINE OF RANCHO DRIVE BEING MADE TO MATCH THE LEGAL DESCRIPTIONS PROVIDED IN THE PRELIMINARY TITLE REPORT NUMBER 98-04-2802 DTL, BY NEVADA TITLE COMPANY, DATED MAY 5, 1998.

CALL before you DIG
 1-800-227-2600

CALL before you Overhead
 1-702-593-6111

PROJECT NAME: Wildfire Casino
 This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is **NOT APPROVED FOR CONSTRUCTION** at this time and this signature does not provide or imply a water commitment.
 [Signature] 03/19/01 DATE
 LVVWD #52 [Signature] 425



SCALE
 HORIZONTAL: 1" = 30'
 VERTICAL: NA
 SHEET C4
 4 OF 7 SHEETS
 PROJECT NO. 107-V 3408

CONSTRUCTION NOTES

- 1 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.
- 2 FOR GEOTECHNICAL REQUIREMENTS REFERENCE GEOTECHNICAL EVALUATION FOR PROPOSED BOXERS CASINO (WILDFIRE CASINO) AS PREPARED BY WESTERN TECHNOLOGIES (PROJECT NO. 4129J5186), DATED JANUARY 28, 2000.
- 3 INSTALL 250 W HPS STREETLIGHT, PILES ON RANCHO DRIVE ONLY ARE TO BE 30' SPACING - A-USA TYPE, WITH 12' ARMS. THE OTHER 250 W HPS STREETLIGHT IS A STANDARD 3' TYPE.
- 4 INSTALL 100 W HPS STREETLIGHT.
- 5 PROVIDE SEWER LATERAL CONNECTION PER SD-17 OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS, 1991.
- 6 INSTALL 1.5" COPPER SERVICE LATERAL WITH CORPORATION STOP AND 1.5" METER WITH DUAL ANGLE METER STOPS PER UNIFORM DESIGN STANDARDS (UDACS PLATE NO. 1-D). INSTALL 1.5" BACKFLOW PREVENTION REDUCED PRESSURE PRINCIPLE ASSEMBLY PER UDACS PLATE NO. 11A (SHEETS 1 & 2).
- 7 INSTALL 10" DOUBLE DETECTOR CHECK ASSEMBLY PER THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS, 1995 (PLATE 20B).
- 8 PAINT CURBS RED + SIGN "FIRE LANE, NO PARKING" (TYP.).
- 9 EXISTING SEWER MANHOLES (2) AND 8" LATERAL TO BE REMOVED.
- 10 REPLACE MANHOLE WITH SECTION OF RCP PIPE AT EXISTING GRADE.
- 11 INSTALL STANDARD ECCENTRIC MANHOLE (60") PER DRAWING SD-1 OF DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS, 1997.

CLV FIRE DEPARTMENT

FIRE FLOW REQUIREMENT IS 1500 GPM GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.
 BASED ON:
 SQUARE FOOTAGE: 19,898 SF
 LARGEST AREA BETWEEN AREA SEPARATION WALLS: 15,000 SF
 HEIGHT: 44.5 FT
 TYPE OF CONSTRUCTION: V ONE-HR
 EXPOSURES: _____
 SPRINKLER SYSTEM: YES
 OCCUPANCY: _____
 ROOF CONSTRUCTION: _____
 REVIEWED BY: [Signature]
 DATE: 3/16/01

NO.	DATE	BY	REVISION

BAUCHMAN GAMING VENTURES
 1901 N. RANCHO DRIVE
 LAS VEGAS, NEVADA 89108
 WILDFIRE CASINO
 BAUCHMAN GAMING VENTURES
 3514 E. TROPICANA, SUITE 2
 LAS VEGAS, NV 89121
 PH. (702) 597-2988
 FAX. (702) 597-0309
 WESTERN TECHNOLOGIES, INC.
 ENGINEERS