

SEWER FLOWS

AVERAGE 0.0324 MGD
PEAK 0.0953 MGD

APPROVED

Bonnie C. Pitt
LAS VEGAS VALLEY WATER DISTRICT

7-24-98
DATE

NOTE:

LOTS 2, 15, 17, 8, 9, 33, 34 & 35
REQUIRE RESIDENTIAL BACKWATER VALVES
PER DESIGN AND CONSTRUCTION STANDARDS
FOR WASTE WATER PLATE SD-29.

SERVICE LATERALS FOR LOT 1, 13 & 14 BLOCK 1 &
LOTS 15-17 BLOCK 2 WILL BE TAPPED ON EXISTING
MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION
OF THE L.V.W.D.

BENCH MARK

DESCRIPTION: CLARK COUNTY G.S. BRASS CAP # 805-14-60
STATION: 11490155N5
LOCATION: NE CORNER OF ELKHORN ROAD AND BUFFALO DRIVE
ELEVATION: NAVD 88 DATUM
ELEV. = 2412.46
METERS = 735.4717
CONVERSION:
1 METER = (3937/1200) = 1 U.S. SURVEY FOOT

UTILITY LEGEND

SYMBOL	DESCRIPTION	ABBREV.
—	EXIST. SEWER MAIN	SMR
—	SEWER MAIN HOLE	SMH
—	SEWER CLEANOUT	SMR CO
—	SEWER LATERAL PER PLAN	SMR LAT
—	EXIST. WATER MAIN	WTR
—	VALVE, AS SPECIFIED	
—	EXIST. VALVE	
—	REDUCER, AS SPECIFIED	
—	WATER LATERAL PER PLAN	WTR LAT
—	EXIST. FIRE HYDRANT	FH
—	STORM DRAIN	SD
—	EXIST. STORM DRAIN	
—	PULL BOX PER PLAN	
—	EXIST. UTILITY BOX	
—	STREET LIGHT PER PLAN	ST LIGHT
—	EXIST. STREET LIGHT	
—	CONDUIT PER PLAN	
—	EXIST. CONDUIT PER PLAN	
—	CURB AND GUTTER "L" TYPE	
—	SEE GRADING PLAN FOR DETAIL	
—	6" CURB	
—	SEE GRADING PLAN FOR DETAIL	

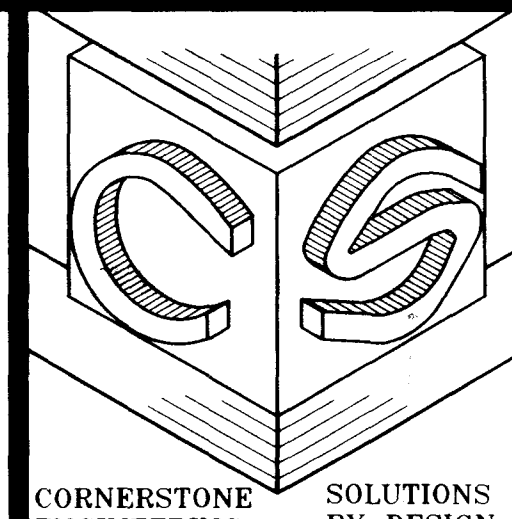
NOTICE!

EXISTING UTILITIES ARE SHOWN
ON PLANS FOR THE CONVENIENCE
OF THE CONTRACTOR. THE CONTRACTOR IS
RESPONSIBLE FOR THE PROTECTION
OF ALL UTILITIES. THE ENGINEER BEARS NO
RESPONSIBILITY FOR UTILITIES NOT
SHOWN OR SHOWN INCORRECTLY.

Call
BEFORE YOU
Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

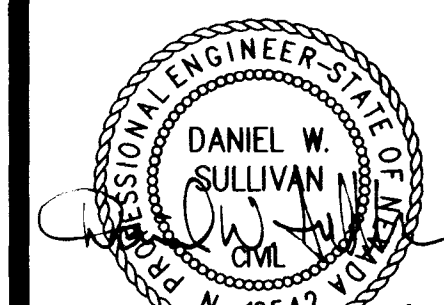
NOTE:

CornerStone Engineering Incorporated
ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS,
SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING
HAVE BEEN PLOTTED FROM RECORD INFORMATION AND
ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY
THE LOCATION AND DEPTH OF ALL RELEVANT UTILITIES
PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. IF
A CONFLICT OR DISCREPANCY IS DISCOVERED, THE
CONTRACTOR IS TO NOTIFY THE ENGINEER OF WORK
IN WRITING, IMMEDIATELY.



CORNERSTONE
ENGINEERING

ENGINEERS SEAL

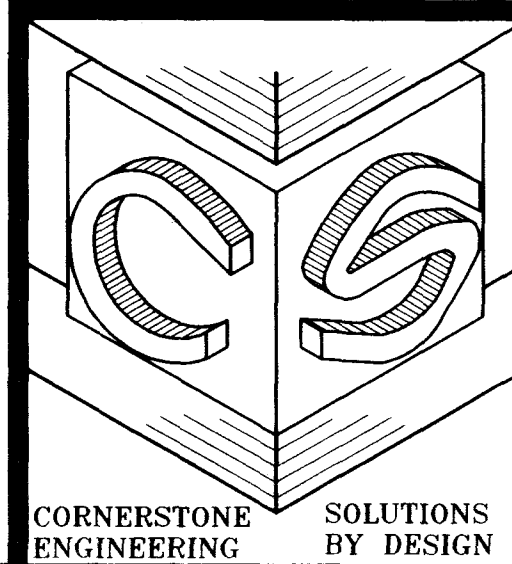


CornerStone Engineering
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LAS VEGAS, NV 89109
(702)731-4711 FAX (702)731-4788

DEER SPRINGS EAST MASTER UTILITY PLAN CITY OF LAS VEGAS

JOB NUMBER 175-00
DATE 7-6-98
APPROVAL DATE
FILENAME 175-SU.DWG
XREF FILES 175-MST.DWG
XREF FILES

SHEET 3
OF 9



CORNERSTONE
ENGINEERING

SOLUTIONS
BY DESIGN

