



NOTES:
1. NO FLOODING OR JETTING MECHANICAL COMPACTION ONLY.
2. CRUSHED ROCK BACKFILL PER SPIROLITE MAY BE USED AT CONTRACTOR'S OPTION.
3. CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR PIPE DEFLECTIONS BEFORE, DURING AND AFTER CONSTRUCTION.

NOTES:
1. NO FLOODING OR JETTING MECHANICAL COMPACTION ONLY.
2. PLACEMENT OF GROUNDWATER BARRIER SHALL BE PLACED PERPENDICULAR TO THE PIPELINE ALIGNMENT AT A SPACING DIRECTLY UPSTREAM OF EACH MANHOLE AND MID-POINT BETWEEN MANHOLES. THE BARRIER SHALL BE EXCAVATED A MINIMUM OF ONE FOOT (1') BELOW THE SUBGRADE AND A MINIMUM OF ONE FOOT (1') INTO THE TRENCH WALL. THE TOP OF THE BARRIER SHALL BE A MINIMUM OF TWO FEET (2') ABOVE THE TOP OF THE PIPE. THE BARRIER SHALL BE CONSTRUCTED OF CLASS "B" PORTLAND CEMENT CONCRETE CONFORMING TO THE REQUIREMENTS OF SECTION 501.
3. CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR PIPE DEFLECTIONS BEFORE, DURING AND AFTER CONSTRUCTION.

2024						2024
2016						2016
2008						2008
2000						2000

1+00 2+00 3+00 4+00

EXIST GRADE AT SEWER FINISHED GRADE AT SEWER

45"x29" RCP SEE DWGS SD2 & SD9

30" RCP SEE DWGS SD2 & SD9

EXIST SEWER MANHOLE

EXIST SEWER MANHOLE

21" SEWER S=0.0026

1+43 ± CONNECT TO EXIST MANHOLE INV 2008.09 ±

3+42 ± CONNECT TO EXIST MANHOLE INV 2008.6 ±

REISSUED 10-16-92 WITHOUT REVISION

CLV DRAWING NO. 107-V2011

MARK	DATE	BY	REVISION
10/7/94	BE	RECORD DRAWINGS	

DESIGNED: MSL	PROJECT ENGINEER	DATE
DRAWN: JAM	PROJECT MANAGER	DATE
CHECKED: GPM		

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CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

OGDEN AVENUE UNDERPASS AND ROADWAY

SEWERLINE RELOCATION
PLAN & PROFILE

DRAWING **S3**
22 OF 125
06SHITS3

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