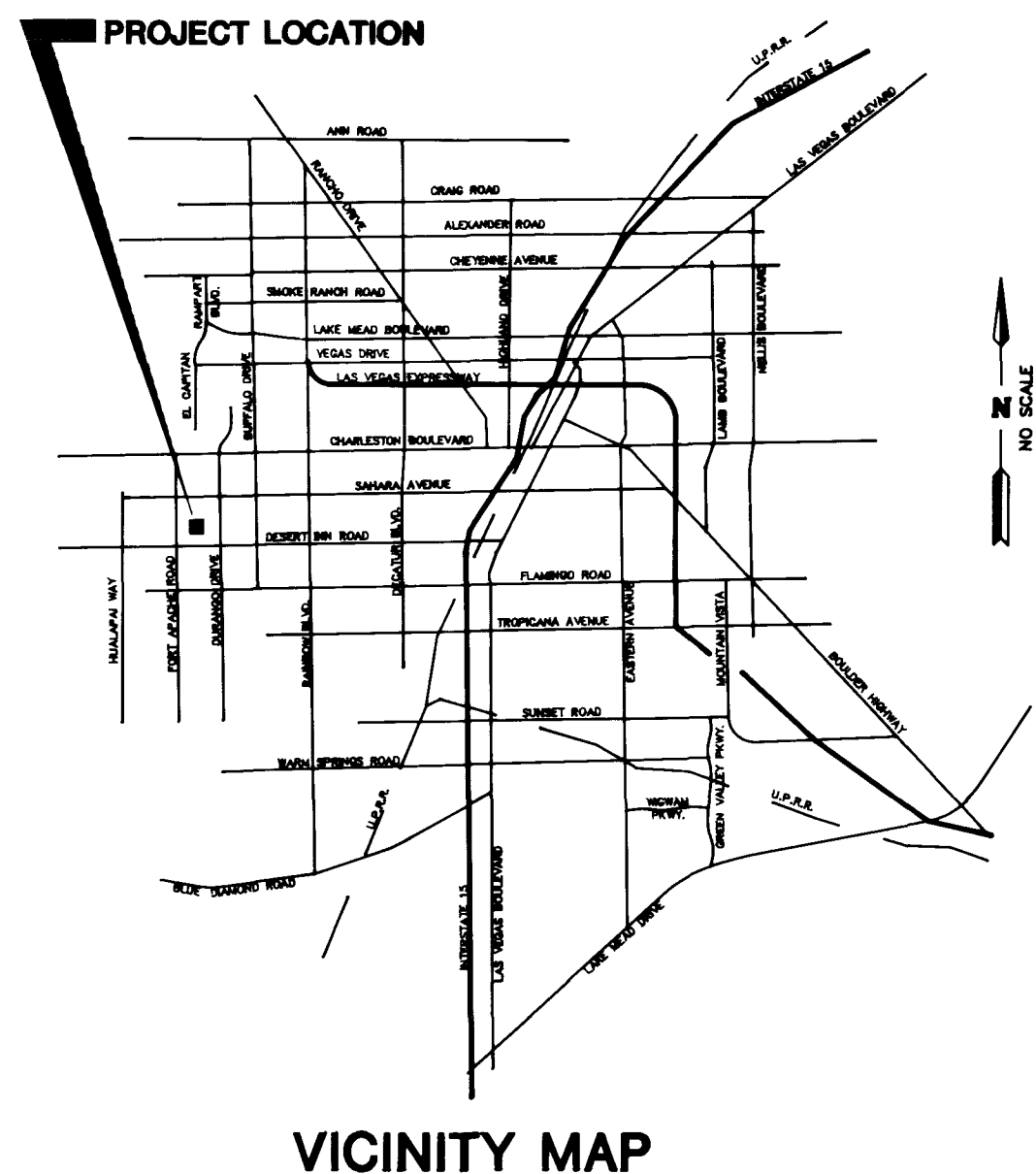




VICINITY MAP

MANHOLE CONTROL TABLE

MH #	NORTHING	EASTING
1	5018.59	5405.31
2	5023.80	5314.70
3	5064.59	5318.14
4	5064.59	5318.14
5	5133.96	5288.10
6	5182.42	5290.51
7	5193.77	5283.15
8	5289.00	5087.58
9	5150.70	5089.85
10	5112.51	5619.40
11	5040.36	5617.31
EXISTING MANHOLES		
1	5423.30	5048.20
2	4975.62	5002.54
3	4944.73	5401.34
4	4932.76	5801.48
5	5064.55	5407.79
6	5075.02	5213.07
REFERENCE POINTS		
1	5000.00	5000.00
2	4957.54	5723.62

CITY OF LAS VEGAS SEWER NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN & CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED. IN ALL CASES, THESE STANDARDS SHALL SUPERCEDE THE UNIFORM STANDARD SPECIFICATIONS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATION BOOKS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CONTROLLING AGENCY.
- CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
- POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II GRAVEL.
- ALL MANHOLES IN PAVED STREETS 80' R/W AND LARGER, SHALL HAVE CONCRETE COLLARS.
- TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12" DIA. SIZE. CONNECTIONS TO 15" OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES.
- A SEWER MAIN CROSSING OVER A WATER MAIN OR LESS THAN 18" UNDER A WATER MAIN, MUST BE REINFORCED CONCRETE ENCASED FOR A DISTANCE OF NOT LESS THAN TEN FEET (10') TO EACH SIDE OF THE CENTERLINE OF THE WATER MAIN.
- ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF OF CONTROLLING AGENCY MUST BE CLASS "A" CONTRACTORS.
- The City of Las Vegas will not accept any sewer mains which have a vertical deflection of more than one tenth (0.1) of a foot from the approved construction plans. Sewer mains found to exceed this tolerance will have to be repaired or removed and replaced to the satisfaction of the City Engineer prior to acceptance by the City.

SEWAGE CONTRIBUTION

AVERAGE DAILY FLOW0.005 MGD
PEAK FLOW0.020 MGD

QUANTITY ESTIMATE

4" DIAMETER MANHOLE11 EA
8" SEWER MAIN1105 LF
4" SEWER LATERALS866 LF

NOTE: THESE QUANTITIES ARE ONLY ESTIMATES, CONTRACTOR TO VERIFY.

NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

WASTEWATER FLOWS

AVE. DAILY FLOW 5250 GPD
PEAK DAILY FLOW 19,807 GPD

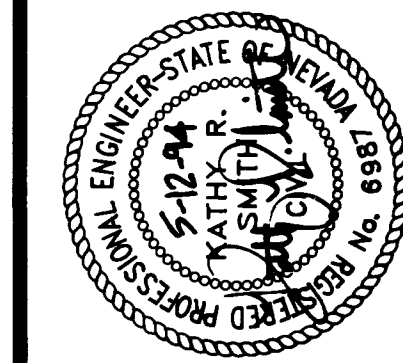
BENCHMARK

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W.O. # : 755 - 5910
BY : /DSR
DATE : APR 1994
SCALE : 1" = 40'

SHEET 3 OF 5

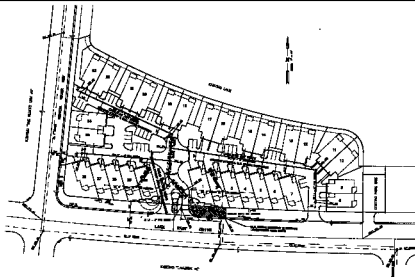
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MUSCLE CONTROL TABLE

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
1	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099



CITY OF LAS VEGAS BEHAVIOR MONITOR

4. AN INVESTIGATION AND REPORTING OF A VIOLATION OF THE LATEST EDITION OF THE FEDERAL BUREAU OF INVESTIGATION (FBI) HANDBOOK, CHAPTER 1, SECTION 1.1, WHICH STATES THAT "THE FBI IS A FEDERAL AGENCY OF THE DEPARTMENT OF JUSTICE, AND IT IS THE POLICE OF THE UNITED STATES."
5. A REPORT OF A VIOLATION OF THE LATEST EDITION OF THE FBI HANDBOOK, CHAPTER 1, SECTION 1.1, WHICH STATES THAT "THE FBI IS A FEDERAL AGENCY OF THE DEPARTMENT OF JUSTICE, AND IT IS THE POLICE OF THE UNITED STATES."
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ISSN: 0000-0000

JOHN LUTHER	12/15/1915	12/15/1915
JOHN LUTHER	12/15/1915	12/15/1915

QUANTITY DISCOUNT

✓ **PERMIT NUMBER**.....
 ✓ **ISSUE DATE**.....
 ✓ **ISSUE LOCATION**.....
 NOTE: THESE DRAWINGS ARE NOT TO BE USED
 OUTSIDE OF THIS PROJECT

Notes

...the ...

WATERWAY FLOW

ANALYTICAL VALUE	UNIT	ANALYST
ANALYTICAL VALUE	UNIT	ANALYST
ANALYTICAL VALUE	UNIT	ANALYST

REFERENCES

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