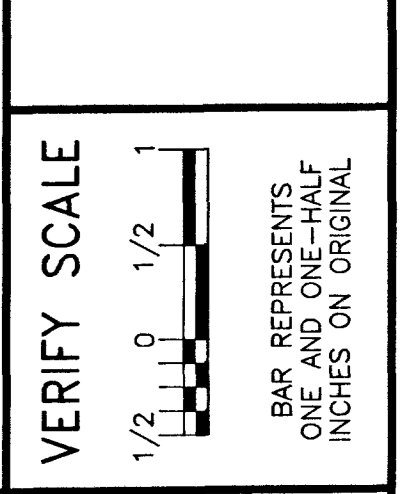


- A -	A/C AIR CONDITIONING AB ANCHOR BOLT ABAN ABANDON ABC AGGREGATE BASE COURSE ABS ABSOLUTE ABUT ABUTMENT ABV ABOVE AC ASPHALTIC CONCRETE ACKV AUTOMATIC CHECK VALVE ACP ASBESTOS CEMENT PIPE ACS ACCESS ADA AMERICAN DISABILITY ACT AD AREA DRAIN ADDL ADDITIONAL ADDM ADDENDUM ADJ ADJUSTABLE AGGR AGGREGATE AHD AHEAD AL ALUMINUM ALT ALTERNATE AMS ANGLE METER STOP AMT AMOUNT & AND ANSI AMERICAN NATIONAL STANDARDS INSTITUTE ANT ANTENNA AP ACCESS PANEL APN ASSESSOR PARCEL NUMBER APPROX APPROXIMATE APPVD APPROVED ASPH ASPHALT ASSN ASSOCIATION ASSY ASSEMBLY ASTM AMERICAN SOCIETY OF TESTING MATERIALS AUX AUXILIARY AV AIR VENT/AIR VALVE AVAR AIR VACUUM AIR RELEASE VALVE AVE AVENUE AWG AMERICAN WIRE GAUGE AWWA AMERICAN WATER WORKS ASSOCIATION	- C - (CONT.) CON CONCENTRIC CONC CONCRETE CONN CONNECTION CONST CONSTRUCTION CONT CONTINUE OR CONTINUOUS CONTR CONTRACTOR COORD COORDINATE COR CORNER CORP STOP CORPORATION STOP COV PL COVER PLATE CPLG COUPLING CPVC CHLORINATED POLYVINYL CHLORIDE PIPE CT COURT CTR CENTER CTV CABLE TELEVISION CU CUBIC/COPPER CUST CUSTOMER CV CONTROL VALVE CW CLOCKWISE CY CUBIC YARD CYL CYLINDER	- F - (CONT.) FRP FIRE RETARDANT POLYESTER RESIN/ FIBERGLASS REINFORCED POLYMER FSTNR FASTENER FT FOOT OR FEET FTG FOOTING FUT FUTURE	- G - G/B GRADE BREAK G GAS GA GAGE GAL(S) GALLON(S) GALV GALVANIZED GENL GENERAL GIS GEOGRAPHIC INFORMATION SYSTEM GND GROUND GPD GALLONS PER DAY GPH GALLONS PER HOUR GPM GALLONS PER MINUTE GRD GRADE GRT GRATE GV GATE VALVE	- H - H HOUSE H&V HEATING & VENTILATION HARN HIGH ACCURACY FREQUENCY NETWORK HB HOSE BIBB HD HEAD HDR HEADER HEX HEXAGONAL HMWPE HIGH MOLECULAR WEIGHT POLYETHYLENE HORIZ HORIZONTAL HP HORSEPOWER HPI HORIZONTAL POINT OF INTERSECTION HPG HIGH PRESSURE GAS HR HOUR HT HEIGHT HV HOSE VALVE HWY HIGHWAY	- I - ID INSIDE DIAMETER IN INCH INST INSTALL INSTR INSTRUMENT INSUL INSULATION INT INTERIOR INV INVERT IPS IRON PIPE SIZE IRR IRRIGATION	- J - JT JOINT	- K - kg KILOGRAM km KILOMETER	- L - LAD LADDER LB OR # POUND LDR LEADER LEN OR L LENGTH OF CURVATURE LF LINEAR FOOT LG LONG LN LANE LT LEFT/LIGHT LVWVD LAS VEGAS VALLEY WATER DISTRICT LWR LOWER	- M - M METER MATL MATERIAL MAX MAXIMUM MC MORTAR COATED MEAS MEASUREMENT MECH MECHANICAL MFR MANUFACTURER MG MILLION GALLONS MGD MILLION GALLONS PER DAY MH MANHOLE MIN MINIMUM MISC MISCELLANEOUS MJ MECHANICAL JOINT MKR MARKER ML MORTAR LINED MLC MORTAR LINED & COATED MON MONUMENT MOV MOTOR OPERATED VALVE MPT MALE PIPE THREAD MSD MAIN SERVICE DISTRIBUTION MSDS MATERIAL SAFETY DATA SHEET MTD MOUNTED	- N - N NORTH N/A NOT APPLICABLE NaOCL SODIUM HYPOCHLORITE NAVD NORTH AMERICAN VERTICAL DATUM NAP NOT-A-PART NBS NATIONAL BUREAU OF STANDARDS NC NATIONAL COARSE NCS NEVADA COORDINATE SYSTEM NDOT NEVADA DEPARTMENT OF TRANSPORTATION NE NORTHEAST NF NORTH FACE NFPA NATIONAL FIRE PROTECTION ASSOCIATION NG NATURAL GROUND NIC NOT IN CONTRACT NIP NOT IN PROJECT NO. # NUMBER NOM NOMINAL NOSHA NEVADA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION NPC NEVADA POWER COMPANY NPS NOMINAL PIPE SIZE NPT NATIONAL TAPER PIPE THREAD NRS NEVADA REVISED STATUTES/ NON-RISING STEM NTS NOT TO SCALE NW NORTHWEST	- O - O/O OUT TO OUT OC ON CENTER OD OUTSIDE DIAMETER OF OUTSIDE FACE OFC OFFICE OH OVER HEAD OHP OVER HEAD POWER OHTEL OVER HEAD TELEPHONE OPER OPERATOR OPNG OPENING OPP OPPOSITE ORF ORIFICE ORIG ORIGINAL OS&Y OUTSIDE SCREW & YOKE OSHA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION OVFL OVERFLOW oz OUNCE	- P - P POLE/PRESSURE/PIPE/POWER P/L /R PROPERTY LINE PAT PATENT PAVMT PAVEMENT PB PULL BOX PC PRESSURE CLASS PCCP PRESTRESSED CONCRETE CYLINDER PIPE PDL PUMP DISCHARGE LINE PE PLAIN END/POLYETHYLENE PIPE PED PEDESTAL PERM PERMANENT PERP PERPENDICULAR PG PRESSURE GAGE PH PHASE PHYD POST HYDRANT PI POINT OF INTERSECTION PKG PACKAGE PKWY PARKWAY PL PLACE/PLATE/PARCEL LINE PLS PROFESSIONAL LAND SURVEYOR PLT PLATE (DRAWING) PM PARKING METER PO PUSH-ON POLY POLYETHYLENE PP POWER POLE PPM PARTS PER MILLION PR PAIR P/R PATENT RESERVATION PRC PRECAST REINFORCED CONCRETE PRELIM PRELIMINARY PRIM PRIMARY PROP PROPOSED PRV PRESSURE REGULATING VALVE PS PRESSURE SWITCH/PUMP STATION PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PT POINT/POINT OF TANGENCY PV PLUG VALVE PVC POLYVINYL CHLORIDE PIPE	- Q - QCV QUICK COUPLER VALVE QDC QUICK DISCONNECT COUPLING QS QUAD SHEET QTR QUARTER QTY QUANTITY	- R - R RADIUS (R) RADIAL R/W RIGHT-OF-WAY RCB REINFORCED CONCRETE BOX RCP REINFORCED CONCRETE PIPE RD ROAD REC RECESSED RECT RECTANGULAR RED REDUCER REF REFERENCE (DIMENSION) REG REGULATING (REGULATOR) REINF REINFORCED (REBAR) REQD REQUIRED RES RESIDENTIAL OR RESERVOIR RET RETURN REV REVISION OR REVERSE RF RAISED FACE RM ROOM RME RESIDENTIAL MAIN EXTENSION RPM REVOLUTIONS PER MINUTE RPS REVOLUTIONS PER SECOND RPPA REDUCED PRESSURE PRINCIPLE ASSEMBLY RR RAILROAD RSGV RESILIENT SEATED GATE VALVE RT RIGHT/RING TITE RV RELIEF VALVE	- S - S SOUTH/SLOPE SA SAMPLE LINE S/C SAW CUT SCCP STEEL CYLINDER CONCRETE PIPE SCH SCHEDULE SD STORM DRAIN SDWK SIDEWALK SE SOUTHEAST SEC SECTION/SECOND(ARY) SEG SEGMENT SHLDR SHOULDER SHT SHEET SID SPECIAL IMPROVEMENT DISTRICT SIG SIGNAL SIM SIMILAR SL SLOPE SLV SLEEVE SNWA SOUTHERN NEVADA WATER AUTHORITY SNWS SOUTHERN NEVADA WATER SYSTEM SO STUBOUT SPC STATE PLANE COORDINATES SPEC(S) SPECIFICATION(S) SQ SQUARE SQ FT SQUARE FOOT (FEET) SQ YD SQUARE YARD SR SAMPLE RETURN SRM SINGLE RESIDENTIAL MAIN SS SANITARY SEWER ST STREET STA STATION STD STANDARD STIR STIRRUP STL STEEL STLT STREET LIGHT SSTL STAINLESS STEEL SUPPL SUPPLEMENT SUR SURVEY SV SOLENOID VALVE SW SIDEWALK OR SOUTHWEST SY SQUARE YARD SYM SYMBOL SYMM SYMMETRICAL SYS SYSTEM	- T - T THICKNESS OF WELD T TELEPHONE/TANGENT T&B TOP & BOTTOM T&G TONGUE AND GROOVE TAN TANGENT TBE THREAD BOTH ENDS TBM TEMPORARY BENCH MARK TC TOP OF CURB TD TRENCH DRAIN TDH TOTAL DYNAMIC HEAD TEMP TEMPORARY THK THICK(NESS) THR BLK THRUST BLOCK THRD THREADED TK TANK TMH TOP OF MANHOLE TOE THREAD ONE END TOF TOP OF FOOTING TOG TOGETHER TOGR TOP OF GRATE TOP TOP OF PIPE TOR TOP OF RIM TOS TOP OF SLAB TOSTL TOP OF STEEL	- U - UDS UNIFORM DESIGN AND CONSTRUCTION STANDARDS UE FOR WATER DISTRIBUTION SYSTEMS, CLARK COUNTY, NV UFC UNDERGROUND ELECTRIC UG UNIFORM FIRE CODE UG UNDERGROUND UGC UNDERGROUND CONDUIT UGP UNDERGROUND POWER UGT UNDERGROUND TELEPHONE UL UNDERWRITERS LABORATORIES UNC AMERICAN STANDARD UNIFIED COARSE THREAD UNF AMERICAN STANDARD UNIFIED FINE THREAD UNV UNIVERSAL UNO UNLESS NOTED OTHERWISE UPC UNIFORM PLUMBING CODE UPRR UNION PACIFIC RAILROAD USGS UNITED STATES GEODETIC SURVEY UTIL UTILITIES	- V - V VOLT OR VALVE VAC VACUUM VAR VARIES VB VALVE BOX VCP VITRIFIED CLAY PIPE VEL VELOCITY VENT VENTILATOR VERT VERTICAL VFD VARIABLE FREQUENCY DRIVE VG VALLEY GUTTER VHF VERY HIGH FREQUENCY VIB VIBRATION VIN VINYL VISC VISCOSITY VOL VOLUME VPI VERTICAL POINT OF INTERSECTION VS VALVE SHEET VT VENT	- W - W WITH W WEST/WATER W/O WITHOUT WD WIDTH WDN WASTE DRAIN WF WIDE FLANGE WH WALL HYDRANT WI WROUGHT IRON WL WASTE LINE WLD WELDED WM WATER METER WP WORK POINT/WEATHER PROOF WS WATER SURFACE WSP WELDED STEEL PIPE WSTP WATER STOP WT WEIGHT WTR WATER WW WATER VALVE WWF WELDED WIRE FABRIC WWM WELDED WIRE MESH	- X - XARM CROSS ARM XFMR TRANSFORMER XFR TRANSFER XSEC CROSS SECTION	- Y - YD YARD YH YARD HYDRANT YLD YIELD
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LAS VEGAS VALLEY WATER DISTRICT
1001 S. VALLEY VIEW BOULEVARD
LAS VEGAS, NEVADA 89163
(702) 800-2001

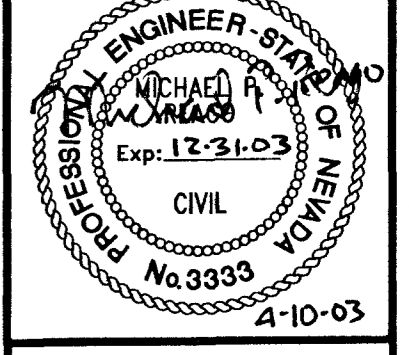


MISCELLANEOUS CAST IRON MAIN REPLACEMENT, LADDS ADDITION

ABBREVIATION LIST

SCALE	NONE
DATE	08/27/03
PLT	08/27/03

DRAWN BY:	SDM/BJ	1/27/03
CHECKED BY:	RICHARD A. LADD	1/27/03
RECOMMENDED BY:	OTIS J. REAGO	4-24-03
DATE:	MICHAEL P. REAGO	4-24-03
ACCEPTED BY:	T. J. COUGA	4-24-03
DESIGN MANAGER:		



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