

CITY OF LAS VEGAS GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".
2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THE SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER, GAS AND/OR OTHER UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES, AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORILY TO THE CITY ENGINEER OR OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
5. TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL DIVISION PRIOR TO USE ON THE PROJECT.
6. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT OF WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTION REQUIRED FOR CONSTRUCTION.
7. EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDE TYPE CURB.
8. AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS.
9. APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.
10. CURB AND GUTTER WITH A GRADE OF LESS THAN FOUR TENTHS OF A PERCENT SHALL BE WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION. ANY CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY SHALL BE REMOVED AND REPLACED.
11. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF ANY INTERSECTION PER STANDARD DRAWING NO. 235. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.
12. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS, OR DESIGNATED IN THE FIELD BY A CITY INSPECTOR.
13. ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE ENGINEER AND APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.
14. EXACT LOCATION OF ALL SAWCUT LINES MAY BE DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS INSPECTOR IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATION.
15. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORDANCE WITH N.R.S. STATUTE NO. 625.550.
16. UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY AND THE CITY ENGINEER.
17. WALL NOTES:
 - A.) ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN FOR THE PURPOSE OF GRADING RELATIONSHIPS.
 - B.) THE STRUCTURAL AND ARCHITECTURAL DESIGN OF ALL WALLS (RETAINING OR NON-RETAINING) MUST BE APPROVED BY THE CITY OF LAS VEGAS BUILDING DEPARTMENT.
18. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT ON CITY STREETS.

CITY OF LAS VEGAS SEWER NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND 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 SUPERSEDE THE UNIFORM STANDARD SPECIFICATIONS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE DESCRIBED SPECIFICATIONS BOOKS.
2. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS OR CHANGES SHALL MEET WITH THE APPROVAL OF THE CONTROLLING AGENCY.
3. CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II GRAVEL.
5. ALL MANHOLES IN PAVED STREETS 80' RIGHT OF WAY OR LARGER, SHALL HAVE CONCRETE COLLARS.
6. TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12" DIAMETER. CONNECTIONS TO 15" DIAMETER OR LARGER, MAINS SHALL REQUIRE SPECIAL PROCEDURES.
7. A SEWER MAIN CROSSING OVER A WATER MAIN OR LESS THAN 18" UNDER A WATER MAIN, MUST BE REINFORCED CONCRETE ENCASED FOR A DISTANCE NOT LESS THAN TEN FEET (10') TO EACH SIDE OF THE CENTERLINE OF THE WATER MAIN.
8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL UNDER THE JURISDICTION OF THE CONTROLLING AGENCY MUST BE CLASS "A" CONTRACTORS.
9. 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.

LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES

1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, 48 HR NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATIONS SUPPORT CTR. (258-7171) PRIOR TO THE START OF CONSTRUCTION. NOTICE MUST BE GIVEN BY 2:00 PM, THE BUSINESS DAY PRIOR TO A LVVWD INSPECTION.
2. ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, LATEST EDITION.
3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
5. ALL SERVICE LATERALS TWO INCHES IN DIA. AND SMALLER SHALL BE COPPER TUBING LVVWD APPROVED SERVICE SADDLES.
6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
7. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY GUTTERS, AND CURB GUTTERS.
8. THE FOLLOWING REQUIREMENTS MUST BE MET IN THE EVENT A WATER LINE AND SANITARY OR STORM LINE CROSS:

A MIN. EIGHTEEN INCH VERTICAL SEPARATION (OUTSIDE TO OUTSIDE) MUST BE MAINTAINED WHEN THE WATER LINE IS INSTALLED OVER THE SANITARY SEWER OR STORM LINE. IF THE VERTICAL SEPARATION CANNOT BE MAINTAINED OR THE WATER LINE MUST BE PLACED UNDER THE SANITARY SEWER LINE OR STORM LINE, THE SANITARY SEWER OR STORM LINE MUST BE CONSTRUCTED WITH ONE OF THE FOLLOWING OR, AS SHOWN THESE PANS:

A. POTABLE WATER SUPPLY QUALITY MATERIAL
B. ENCASEMENT, WITH FOUR INCH CONCRETE (MINIMUM)
C. SLEEVING WITH POTABLE WATER SUPPLY QUALITY PIPE

EACH PROVISION MUST EXTEND ALONG THE SANITARY SEWER OR STORM LINE, ON EITHER SIDE OF THE MAIN, A MIN. TEN FOOT DISTANCE PERPENDICULAR TO THE MAIN EXTERIOR.
9. WARNING TAPE SHALL BE REQUIRED OVER ALL MAINS, ALL SIX INCH DIA AND LARGER SERVICE LATERALS, AND ANY SERVICE LATERAL NOT INSTALLED PERPENDICULAR TO THE MAIN IN ACCORDANCE WITH STANDARD PLATE NO. 27.
10. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLING AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD DISTRIBUTION SYSTEM.
11. THE CONTRACTOR MUST OBTAIN ALL METERS TWO INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 FORTY-EIGHT HRS PRIOR TO PICKUP.
12. CONSTRUCTION MAY INTERRUPT SERVICE WITH LVVWD APPROVAL AND PROPER NOTIFICATION BETWEEN THE HRS OF 10 PM AND 6 AM, SUNDAY THRU THURSDAY. CIRCUMSTANCES MAY REQUIRE TEMPORARY SERVICE FEES BE INSTALLED, WITHOUT LVVWD REIMBURSEMENT. ANY TEMPORARY SERVICE FEE MUST HAVE PRIOR LVVWD APPROVAL.
13. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE LISTED ON THE LVVWD APPROVED MATERIALS AND MANUFACTURERS LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.

CITY OF LAS VEGAS FIRE DEPARTMENT NOTES

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT "HYDRANT SPECIFICATIONS", "HYDRANT INSTALLATION SPECIFICATIONS", AND ORDINANCE NO. 3677.
2. AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
 - A) - KENNEDY GUARDIAN
 - B) - MUELLER A-423 CENTURION
 - C) - CLOW MODEL 2546 MEDALLION
3. ON ANY NEW HOME OR BUILDING INSTALLATION, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE COMBUSTIBLE CONSTRUCTION COMMENCES, AND SAID FIRE HYDRANT SHALL BE IN GOOD WORKING ORDER WITH AN ADEQUATE WATER SUPPLY.
4. CONTRACTOR SHALL PLACE A BLUE REFLECTIVE MARKER AT CENTERLINE OF STREET ADJACENT TO FIRE HYDRANT AS REQUIRED IN ORDINANCE NO. 3677 TO IDENTIFY FIRE HYDRANT LOCATIONS.
5. CALL THE CLV BUILDING DEPT AT 229-2071 FOR UNDERGROUND INSPECTION PRESSURE AND FLUSH VERIFICATION OF ALL FIRE HYDRANTS AND FIRE LINES BEFORE COVERING.
6. PAINTING OF THE CURBS AND HYDRANTS AND ANY WORK NECESSARY FOR PROTECTION OF HYDRANTS FROM PHYSICAL DAMAGE PER ORDINANCE NO. 3677 SHALL BE COMPLETED BEFORE APPROVAL BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.
7. A PERMIT IS REQUIRED FROM THE FIRE DEPARTMENT FOR AN ON-SITE WATER LINE AND FIRE HYDRANT. THE PERMIT AND CONTRACTORS MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING SHALL BE OBTAINED FROM THE FIRE PROTECTION ENGINEER PRIOR TO ANY WORK BEGINNING.
8. A FLOW TEST MUST BE WITNESSED BY THE FIRE DEPARTMENT PRIOR TO OCCUPANCY VERIFICATION OF REQUIRED ON-SITE WATER SUPPLY.
9. ALL ON-SITE FIRE MAIN MATERIALS MUST BE U.L. LISTED AND A.W.W.A. APPROVED.
10. FIRE HYDRANT SPACING:
RESIDENTIAL - 500 FEET UNSPRINKLERED - 600 FEET SPRINKLERED
MULTI-FAMILY/COMMERCIAL - 300 FEET UNSPRINKLERED - 400 FEET SPRINKLERED
11. NO FIRE HYDRANT SHALL BE LOCATED WITHIN THE REQUIRED RADIUS OF CUL-DE-SAC, WITHIN 20 FEET OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.
12. NO FIRE HYDRANT SHALL BE LOCATED WITHIN 6 FEET OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREET LIGHT OR ANY OTHER OBSTRUCTION.
13. NOT MORE THAN 2 HYDRANTS CAN BE OUT OF SERVICE DUE TO A SINGLE MAIN BREAK.
14. THE TURNING RADIUS OF ANY FIRE APPARATUS ACCESS ROAD AND/OR FIRE LANE, PUBLIC OR PRIVATE SHALL BE NOT LESS THAN 45' OUTSIDE RADIUS AND 22' INSIDE RADIUS.
15. A FIRE APPARATUS ROAD SHALL BE REQUIRED WHEN ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY IS LOCATED MORE THAN 150 FEET FROM A FIRE DEPARTMENT VEHICLE ACCESS. (SEE EXCEPTIONS IN U.F.C. 91, SECTION 10.203).
16. ALL DEAD END FIRE APPARATUS ACCESS ROADS AND/OR FIRE LANES PUBLIC OR PRIVATE IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH AN APPROVED TURNAROUND AREA. SEE ORDINANCE NO. 3677.
17. ELECTRICALLY CONTROLLED ACCESS GATES SHALL BE PROVIDED WITH AN APPROVED EMERGENCY VEHICLE DETECTOR/RECEIVER SYSTEM. SAID SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE CLV GVS GUIDELINES FOR AUTOMATIC EMERGENCY VEHICLES.

CITY OF LAS VEGAS STREET LIGHTING NOTES				
1.	ALL STREET LIGHTING INSTALLATION SHALL CONFORM TO THE LATEST ISSUE OF THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS AND SHALL ALSO CONFORM TO THE LATEST EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, UNLESS OTHERWISE NOTED.			
2.	SEE UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION CITY OF LAS VEGAS DRAWING NO. 318.			
3.	ALL HAND HOLE COVERS MUST BE INSTALLED, POLE CAPS POURED, AND PULL BOX LIDS BOLTED DOWN PRIOR TO ENERGIZING CIRCUIT. ALL WIRE MUST HAVE THW INSULATION.			
DEVIATIONS FROM STANDARDS				
1.	DEVIATION FROM STANDARD DRAWING 228 FOR ROADWAY SLOPES EXCEEDING 1 1/2% OUT OF VALLEY GUTTER ON MOUNTAIN RANGE STREET (SHT 8).			
2.	VERTICAL CURVE LENGTH DEVIATION ON MOUNTAIN CREST STREET (SHT 6) IN ORDER TO LIMIT OFFSITE DRAINAGE ENTERING SITE.			
3.	DEVIATION FROM STANDARDS FOR NON-STANDARD KNUCKLE ON MOUNTAIN CREST AND MOUNTAIN RIVER STREETS.			
ESTIMATE OF QUANTITIES				
STREET QUANTITIES				
	PHASE 1	PHASE 2	TOTAL	
2" ASPHALTIC CONCRETE PAVING	4228	4657	8885	SY
4" ASPHALTIC CONCRETE PAVING	1235	4493	5728	SY
TYPE I AGGREGATE BASE	1014	1901	2915	CY
TYPE II AGGREGATE BASE	607	1018	1625	CY
CURB AND GUTTER	2226	2957	5183	LF
VALLEY GUTTER	1825	1825	3650	SF
SIDEWALK	11,128	14,787	25,915	SF
SEWER QUANTITIES				
	PHASE 1	PHASE 2	TOTAL	
4" SEWER LINE	716	1074	1790	LF
8" SEWER LINE	997	1271	2268	LF
48" MANHOLE W/COVER	4	5	9	EA
WATER QUANTITIES				
	PHASE 1	PHASE 2	TOTAL	
6" WATER LINE	72	104	176	LF
8" WATER LINE	1180	1300	2480	LF
10" WATER LINE	247	-	247	LF
12" WATER LINE	-	1294	1294	LF
3/4" METER	26	39	65	EA
1" (ONE) INCH LATERALS - COPPER	26	39	65	EA
FIRE HYDRANT ASSEMBLY	3	2	5	EA
(INCL. 8" x 6" TEE & 6" GATE VALVE)				
8" x 8" TEE	2	2	4	EA
8" GATE VALVE	4	5	9	EA
10" x 8" TEE	-	1	1	EA
10" GATE VALVE	2	-	2	EA
12" x 10" TEE	-	1	1	EA
12" GATE VALVE	-	1	1	EA
10" x 8" REDUCER	-	1	1	EA
2" BLOW-OFF ASSEMBLY	1	1	2	EA
ELECTRICAL				
	PHASE 1	PHASE 2	TOTAL	
250W HPS LUMINAIRE	-	4	4	EA
200W HPS LUMINAIRE	2	2	4	EA
100W HPS LUMINAIRE	7	7	14	EA
SEWER CONNECTION NOTE:				
ONE OR MORE SEGMENTS OF THE DOWNSTREAM SEWER SYSTEM THAT WILL SERVE THIS PROJECT HAS NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTENANCE BY THE CITY OF LAS VEGAS. ANY WORK DONE ON THIS PROJECT PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSTREAM SEWER SYSTEM(S) SHALL BE DONE AT THE DEVELOPER'S OWN RISK. THE CITY OF LAS VEGAS RESERVES THE RIGHT TO PREVENT THE PHYSICAL CONNECTION OF THIS PROJECT INTO THE DOWNSTREAM SEWER SYSTEM UNTIL ALL SEGMENTS HAVE BEEN COMPLETED AND ACCEPTED FOR MAINTENANCE, OR UNTIL SUCH TIME AS THEY ARE DEEMED AVAILABLE FOR SERVICE.				
OWNER / DEVELOPER				
MOUNTAIN VIEW HOMES 906 ALTA OAKS HENDERSON, NEVADA 89014				

VICINITY MAP

ABBREVIATIONS

@ - AT - ACI - AMERICAN CONCRETE INSTITUTE - ACP - ASBESTOS CEMENT PIPE - AVE - AVENUE - AV - AIR VALVE - BFV - BUTTERFLY VALVE - BLVD - BOULEVARD - CI - CAST IRON - CL - CENTER LINE - CLR - CLEAR - CML - CEMENT MORTAR LINED - CMLC - CEMENT MORTAR LINED & COATED - CO - COMPANY - CONST - CONSTRUCT - Δ - DELTA ANGLE - DEPT - DEPARTMENT - DR - DRIVE - DWG - DRAWING - E - EAST - EXIST - EXISTING - FG - FINISH GRADE - FL - FLANGE - GAL - GALLONS - HORIZ - HORIZONTAL - ID - INSIDE DIAMETER - INV - INVERT ELEVATION - LF - LINEAL FEET - LVVWD - LAS VEGAS VALLEY WATER DISTRICT - MH - MANHOLE - MAX - MAXIMUM - MIN - MINIMUM - MLCP - MORTAR LINED & COATED PIPE - MTN - MOUNTAIN - N - NORTH	- NAT'L - NATURAL - NDOT - NEVADA DEPARTMENT OF TRANSPORTATION - NO - NUMBER - NRS - NON-RISING STEM - NTS - NOT TO SCALE - OC - ON CENTER - OSHA - OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION - PKWY - PARKWAY - PROJ - PROJECT - PSI - POUNDS PER SQUARE INCH - PT - POINT - PVC - POLYVINYL CHLORIDE - RD - ROAD - REQ'D - REQUIRED - ROW - RIGHT-OF-WAY - S - SLOPE - S - SOUTH - SCH - SCHEDULE - SEC - SECTION - SHIT - SHEET - SPECS - SPECIFICATIONS - ST - STREET - STA - STATION - STD - STANDARD - STL - STEEL - TEL - TELEPHONE - TYP - TYPICAL - VCP - VITRIFIED CLAY PIPE - VERT - VERTICAL - VPI - VERTICAL POINT OF INTERSECTION - W - WEST - W/W - WITH
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LEGEND

--- RIGHT-OF-WAY --- CENTERLINE --- EXISTING UTILITY --- PROPERTY LINE /// EDGE OF PAVEMENT --- CONCRETE WALL -X-X- CHAIN LINK FENCE - S SEWER LINE - W WATER LINE - T TELEPHONE LINE - E ELECTRICAL LINE - G GAS LINE ~ FINISH CONTOURS	▲ REDUCER ○ BLOW-OFF VALVE ○ MANHOLE ⊗ VALVE ⦿ FIRE HYDRANT ○ LUMINAIRE 10 LOT NUMBER 2 BLOCK NUMBER 00.00 ELEVATION 10.0 PAD HEIGHT ■ WATER LATERAL ■ SEWER LATERAL ▤ SIDEWALK RAMP
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NOTE SHEET

3-27

Drawn by: JDL

Checked by: PJK

Scale: NO SCALE

Date: MARCH 4, 1996

Drawing No. 94-0010

1-800-227-2600

UNDERGROUND SERVICE ALERT (USA)

Call before you Dig

Basin of Bearing

S 89°30'09" W - BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 20 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN ON FILE IN THE CLARK COUNTY RECORDERS OFFICE, CLARK COUNTY, NEVADA AS FILE 54, PG. 82 OF PARCEL MAP

BENCHMARK

BM - CLV00 17N'S "NGVD 29" FOUND RIVET AND PLATE IN TOP OF CURB @ SOUTHWEST RETURN OF CHEYENNE AVENUE AND RAMPART BOULEVARD. ELEVATION = 2448.33.

NAVD 88 = NGVD29 + 2.43'