

SAFETY ALERT

**Call
before you
Overhead**

593-6111

OVERHEAD SERVICE ALERT

Bonnie C. H. 5.13.99
LAS VEGAS VALLEY WATER DISTRICT DATE
(SHEETS 1, 2, 6 & 7)



REV. DEC. 17, 1996

DESCRIPTION	BLDG. A	BLDG. B	BLDG. C
TYPE OF CONSTRUCTION	V-N	.	.
NO. OF STORIES	2 STORY	.	.
TOTAL FLOOR AREA (SQ.FT.)	2,546 SF	.	.
LARGEST SUCCESSIVE FLOOR AREA	475 SF	.	.
ESTIMATED FIRE FLOW 50% DISCOUNT USED	1,500 gpm	.	.
BUILDING HEIGHT	25 FEET (MAX.)	.	.
SPRINKLED	NO	.	.

REVIEWED & VERIFIED BY: _____ DATE: _____

CLV FIRE DEPT. AS TO DATA & REQUIREMENTS

1. NO WORK SHALL BEGIN ON THE WATER PLANS UNTIL THEY HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LVVMD. FOLLOWING WATER PLAN APPROVAL, 48 HOUR NOTICE SHALL BE GIVEN TO THE LVVMD COMMUNICATIONS CENTER (258-7171) PRIOR TO THE START OF CONSTRUCTION. NOTICE MUST BE GIVEN BY 2:00PM THE BUSINESS DAY PRIOR TO A LVVMD INSPECTION.
2. ALL WORK SHALL CONFORM TO THE LVVMD'S STANDARD PLATES, DRAWINGS AND SPECIFICATIONS AND THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (UDACS), LATEST EDITION.
3. NO WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2, SHALL BE DONE IN A DRAINAGE AREA OF AN EXISTING DRAINAGE OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENT, CLARK COUNTY AREA.
4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVMD.
5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE COPPER TUBING WITH LVVMD APPROVED SERVICE LATERALS
6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE DRIVEWAY AREAS.
7. ALL VALVES SHALL BE LOCATED OUTSIDE DRIVEWAYS, VALLEY GUTTERS AND CURB CUTTERS.
8. THE FOLLOWING REQUIREMENTS MUST BE MET IN THE EVENT A WATER LINE AND SANITARY OR STORM SEWER LINE CROSS:
 - A. MINIMUM EIGHTEEN (18) INCH VERTICAL SEPARATION (OUTSIDE TO OUTSIDE) MUST BE MAINTAINED WHEN THE WATER LINE IS INSTALLED OVER THE SANITARY OR STORM SEWER LINE. IF THE VERTICAL SEPARATION CANNOT BE MAINTAINED OR THE WATER LINE MUST BE PLACED UNDER THE WATER MAIN OR SANITARY LINE, THE SANITARY OR STORM SEWER LINE MUST BE CONSTRUCTED WITH ONE OF THE FOLLOWING OR, AS SHOWN ON THESE PLANS:
 - A) POTABLE WATER SUPPLY QUALITY MATERIAL
 - B) ENCASEMENT, WITH FOUR (4) INCH CONCRETE (MINIMUM)
 - C) SLOPING WITH POTABLE WATER SUPPLY QUALITY PIPE
 - EACH PROMSION MUST EXTEND ALONG THE SANITARY OR STORM SEWER ON EITHER SIDE OF THE MAIN, A MINIMUM 10 FOOT DISTANCE PERPENDICULAR TO THE WATER MAIN EXTERIOR.
9. WARNING TAPE SHALL BE REQUIRED OVER ALL MAINS, ALL SIX (6) INCH DIAMETER AND LARGER SERVICE LATERALS, AND ANY SERVICE LATERAL NOT INSTALLED PERPENDICULAR TO THE MAIN IN ACCORDANCE WITH STANDARD PLATE 27.
10. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVMD'S DISTRIBUTION SYSTEM.
11. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVMD CENTRAL STORES. TELEPHONE 258-3152 FOURTY-EIGHT (48) HOURS PRIOR TO PROJECT.
12. THE CONTRACTOR MAY INTERRUPT SERVICE, WITH LVVMD APPROVAL, AND PROPER NOTIFICATION, BETWEEN THE HOURS OF 10 PM AND 6 PM, SUNDAY THROUGH THURSDAY. CIRCUMSTANCES MAY REQUIRE TEMPORARY SERVICE FEES BE INSTALLED, WITHOUT LVVMD REIMBURSEMENT. ANY TEMPORARY SERVICE FEE MUST HAVE MEET PRIOR LVVMD APPROVAL.
13. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE USED ON THE LVVMD'S DEPARTMENT OF WATER AND SEWER UTILITIES LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.

REV. MAY 31, 1994



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 EDITION. THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST EDITION. SUMNER'S IMPROVEMENT STANDARDS SIGNED BY CITY OF LAS VEGAS, 2/2/93 AND SUMNER'S DEVELOPMENT STANDARDS THE UNIFORM BUILDING CODE, AND ALL CITY CODES AND ORDINANCES APPLICABLE. EXCEPT AS NOTED ON THIS SHEET AS DEVIATIONS FROM STANDARDS.

2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD AND UNDERGROUND UTILITY LINES, SHALL BE SHOWN BY THESE PLANS. THE PLANS OBTAINED BY A RESEARCH OF 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 INTERFERENCE WHICH MAY EFFECT 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 LOCATED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY 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 USED SHALL BE SUBJECT 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 INSURANCES REQUIRED FOR THIS CONSTRUCTION.

7. EXPANSION JOINTS REQUIRED EVERY 150' MAXIMUM IN EXTRUDED CURB.

8. AC PLACEMENT TO BE 1/2" ABOVE TOP OF ALL OTHERS DURING COMPACTION EXCEPT ON FLARE RAMP. ON FLARE RAMP, ALL CROSS OVERS AND RAMP TO BE 1/4" ABOVE TOP PER SUMNER'S IMPROVEMENT STANDARDS S-64.

9. APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.

10. CURB AND GUTTER WITH A GRADE OF LESS THAN 0.50% FOR 1' CURB AND 0.60 FOR 30" ROLL CURB SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND 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 QUARTER OF AN INTERSECTION. SIDEWALKS DRAWING S-777. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.

12. 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 SAND CONSTRUCTION. EXISTING OBSTRUCTIONS AS SHOWN ON PLANS, OR AS DESIGNATED IN THE FIELD BY THE ENGINEER.

13. ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE CITY ENGINEER AND APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.

14. EXACT LOCATION OF ALL SANITARY 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 REPAIRED OR REPLACED BY THE CONTRACTOR. RECORDS IN ACCORDANCE WITH N.E.S. STATUTE NO. 625-550.

16. UTILITY COMPANY PERMITS, 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 W/DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT ON CITY STREETS.

REVISED 9/97

1. ALL WORK MUST BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT, "HYDRANT SPECIFICATIONS", "HYDRANT INSTALLATION SPECIFICATIONS" AND ORDINANCE #5115.
2. AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
 - A. KENNEDY GUARDIAN
 - B. WHEELER 4" x 63" CENTURION
 - C. CLOW MODEL 25446 MEDALLION
3. ON ANY NEW HOME OR BUILDING INSTALLATION, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE COMBUSTIBLE CONSTRUCTION COMMENCES AND SAID FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER ON AN APPROVED WATER SUPPLY.
4. CONTRACTOR SHALL PLACE A BLUE-REFLECTIVE MARKER AT CENTERLINE OF STREET ADJACENT TO FIRE HYDRANT AS REQUIRED IN ORDINANCE #3944 TO IDENTIFY FIRE HYDRANT LOCATIONS.
5. CALL THE LAS VEGAS BUILDING DEPARTMENT AT 229-2071 FOR AN UNDERGROUND INSPECTION, PRESSURE AND FLUSH VERIFICATION OF ALL ACCESSIBLE HYDRANTS AND FIRE SERVICE CONNECTIONS.
6. PAINTING OF THE CURBS AND HYDRANTS SHALL BE NECESSARY FOR PROTECTION OF HYDRANTS FROM PHYSICAL DAMAGE PER ORDINANCE #3944 SHALL BE COMPLETED BEFORE APPROVAL BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.
7. A PERMIT IS REQUIRED FROM THE FIRE DEPARTMENT FOR ON-SITE WATER LINE AND FIRE HYDRANT. THE PERMIT AND CONTRACTORS SHALL BE REQUIRED TO TEST CEMENT FOR UNDERGROUND PIPING FORMS SHALL BE OBTAINED FROM THE FIRE PROTECTION ENGINEER PRIOR TO ANY WORK BEGINNING.
8. PRIVATE FIRE HYDRANTS SHALL BE PAINTED RED.
9. A FLOW TEST MUST BE WITNESSED BY THE FIRE DEPARTMENT PRIOR TO OCCUPANCY FOR VERIFICATION OF REQUIRED ON-SITE WATER SUPPLY.
10. ALL ON-SITE FIRE MAIN MATERIALS MUST BE U.L. LISTED AND A.I.A.M.A. APPROVED.
11. FIRE HYDRANT SPACING:
 - RESIDENTIAL - 500' MULTI-FAMILY - 1,000 FEET SPRINKLERED AREAS INCLUDING 1,000 FEET UNFURNISHED - 300 FEET SPRINKLERED, 600 FEET SPRINKLERED
12. WHERE NEW WATER MAINS ARE EXTENDED ALONG STREETS, WHERE HYDRANTS ARE NOT NEEDED FOR PROTECTION OF STRUCTURES, FIRE HYDRANTS SHALL BE SPACED AT MAXIMUM 1000 FOOT SPACING OR SPACING FOR TRANSITION HAZARDS.
13. NO FIRE HYDRANT SHALL BE LOCATED WITHIN THE REQUIRED RADIUS OF A CUL-DE-SAC OR WITHIN 20 FEET OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.
14. NO FIRE HYDRANT SHALL BE LOCATED WITHIN 6 FEET OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREET LIGHT OR ANY OTHER OBSTRUCTION.
15. TWO SOURCES OF SUPPLY ARE REQUIRED WHENEVER THERE ARE FOUR (4) OR MORE FIRE HYDRANTS INSTALLED ON A SINGLE SYSTEM.
16. NOT MORE THAN 2 HYDRANTS CAN BE OUT OF SERVICE DUE TO A SINGLE MAINTENANCE EVENT.
17. FIRE APPARATUS ACCESS ROADS SHALL HAVE AN UNOBSTRUCTED WIDTH OF LESS THAN TWENTY FEET (20'), PROVIDED NO PARKING IS ALLOWED, NO TURN TWENTY-EGHT FEET (28') IF PARALLEL PARKING IS ALLOWED ON AND NOT LESS THAN THIRTY-SIX FEET (36') IF PARALLEL PARKING IS ALLOWED. VERTICAL CLEARANCE SHALL BE NOT LESS THAN 13 FEET.
18. THE TURNING RADIUS FOR ANY FIRE APPARATUS ACCESS ROAD AND/OR FIRE LANE, PUBLIC OR PRIVATE SHALL BE NOT LESS THAN 45 FEET OUTSIDE RADIUS AND 22 FEET INSIDE RADIUS.
19. 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 THE FIRE DEPARTMENT VEHICLE ACCESS. (SEE EXCEPTIONS IN UFG #4, SECTION 902.2.)
20. ALL DEAD END FIRE APPARATUS ACCESS ROADS AND/OR FIRE LANE, PUBLIC OR PRIVATE IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH AN APPROVED TURNAROUND AREA. (SEE ORDINANCE #3944.)
21. ACCESS ROADS SHALL BE MARKED BY PLACING APPROVED SIGNS AT THE END OF THE DESIGNATED FIRE LANE, ONE SIGN AT THE END OF THE FIRE LANE AND ONE SIGN AT THE INTERSECTION OF FIRE LANE. ALL DESIGNATED FIRE LANE SIGNS TO BE PLACED ON BOTH SIDES OF AN ACCESS ROADWAY IF NEEDED TO PREVENT PARKING ON EITHER SIDE. SIGNS TO BE INSTALLED NO MORE THAN TEN FEET (10') OR LESS THAN SIX FEET (6') FROM ROADWAY LEVEL. TURNAROUNDS AT THE END OF THE PARKWAY OR DRIVEWAY IF NOT PRESENT, SHALL BE PAINTED WITH A RED WHEEL RESISTANT PAINT IN ADDITION TO THE SIGNS.
22. ELECTRICALLY CONTROLLED ACCESS GATES SHALL BE PROVIDED WITH AN APPROVED REMOTE CONTROLLED VEHICLE DETECTOR/RECEIVER SYSTEM. SAID SYSTEM SHALL BE INSTALLED TO PREVENT VEHICLES FROM ENTERING THE CITY OF LAS VEGAS GROUND FOR AUTOMATIC EMERGENCY VEHICLE ACCESS GATES.


Carter-Burgess

*THE ARBORS
PARCEL H & I
WESTBROOK PHASE II
NOTE SHEET*

PROJECT:

