



**FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

*7/6 FIXTURES  
THIS SHEET  
C.O. 30 ELEV  
(\$3000)*

**!!!!TYPE II-N CONSTRUCTION BUILDING!!!!**  
**!!!!NO PLASTIC PIPING ALLOWED!!!!**

These plans have been reviewed under the 1997 Uniform Plumbing Code, the 1997 Southern Nevada Plumbing Code Amendments, and the CLV adopting ordinance.

All installations shall comply with these documents.

Approval is based on information supplied on the plans. Any changes and/or increased demands shall require submittal of revisions for Building Department approval.

No penetrations of rated assemblies allowed without approved details. Refer to architectural plans for rated assemblies and fire stop systems.

All plumbing fixtures shall comply with 1997 UPC Chapter 4 water conservation requirements.

All fixtures, piping and materials shall be listed and/or approved by this jurisdiction and shall be installed per listing and/or manufacturer's installation requirements.

Plastic piping shall be limited to buildings defined as combustible construction by this code.

Floor sinks shall be installed flush with the finished floor and shall be accessible for cleaning.

All equipment over 400 lbs. shall be laterally braced per 1997 UBC Section 1630.1.

Cleanouts must be installed per 1997 UPC Section 707 and 719.

Provide cross-connection control as required in 1997 UPC Section 603.

Provide pressure regulators and relief valves per 1997 UPC Section 608.

Provide combustion air per 1997 UPC Section 507.3.

Trap seal protection shall be required as per 1997 UPC Section 1307.0.

Engineered water distribution systems shall be installed in accordance with manufacturer's installation standards.

All copper water piping under the slab must be sleeved.

Any water piping installed so that it is exposed to exterior temperatures must be insulated.

Water heater access shall meet 1997 UPC Section 511.

Vertical Wet Venting shall meet 1997 UPC, Section 908.0

**NOTES**

- ① 2" DOMESTIC COLD WATER SERVICE. ③
- ② 4" SANITARY SEWER SERVICE. ③
- ③ SEE C5.03 FOR CONTINUATION.
- ④ FIRE SPRINKLER STANDPIPE. SEE P.3.07.
- ⑤ 1" C.W. & H.W. TO W.H. SEE P.3.07.
- ⑥ 2" V. FROM BELOW. 2" V.T.R.
- ⑦ 3/4" C.W. & 1/2" H.W., 2" W. DN., 2" V. UP TO 2" V.T.R. EXTEND 3/4" C.W. TO H.B. BELOW H.S. @ +12" A.F.F.
- ⑧ 1/2" H. & C.W. DN. ON WALL TO E.E. MIXING VALVE. 1/2" T.W. TO E.E., 2" W. DOWN, 2" V. UP. EXTEND 2" V. TO 2" V.T.R.
- ⑨ SEE DETAIL P.3.07.
- ⑩ INSULATE H. & C.W. PIPING WITHIN SPACE. PROVIDE RAYCHEM XL HEAT TRACE W/ 208V/1Ø 20A CKT. FOR COLD WATER PIPING OUTSIDE OF HEATED ROOM, RAYCHEM HWAT G2 115F HEAT TRACE FOR HOT WATER PIPING 208V/1Ø 20A. PROVIDE FACTORY ENGINEERED SHOW DRAWING & SUBMITTAL FOR HEAT TRACE SYSTEMS.
- ⑪ 2" W. DOWN, 2" V. UP TO 2" V.T.R., 3/4" C.W./H.W. DOWN, TEE 1/2" C.W./H.W. TO EACH H.S.
- ⑫ 2" W. DOWN, 2" V. UP TO 2" V.T.R., 1/2" C.W./H.W. DOWN.
- ⑬ 3" V. UP FROM BELOW GRADE TO 3" V.T.R.
- ⑭ 2" V. UP FROM BELOW.
- ⑮ EXTEND 3/4" D. FROM EVAP. COOLERS TO TERM. OVER F.S. W/ 90° ELL DOWN.
- ⑯ 1/2" C.W. EXTEND & CONNECT TO EVAP. COOLER MAKE UP WATER CONNECTION.

APPROVAL OF THIS PLAN DOES NOT ALLOW THE DESIGN PROFESSIONAL NOR THE CONTRACTOR TO VIOLATE THE EQUIPMENT CLEARANCE REQUIREMENTS OF CHAPTER 3 OF THE U.M.C. AND/OR CHAPTER 5 OF THE U.P.C.

PLANS APPROVED  
PLUMBING/MECHANICAL  
City of Las Vegas  
JCF JAN 31 2003

SEE ATTACHED DOCUMENTS AND REQUIREMENTS

Do not include Architectural, Electrical, Structural or Civil Improvements Made To Change Without Approval Plans. Use a Permit to Change Any Details.

505188

RECEIVED  
OCT 17 2002  
CITY OF LAS VEGAS  
BUILDING DEPT  
REVIEWED BY

**jba CONSULTING ENGINEERS**

3040 WEST CLARK LAS VEGAS, NEVADA 89102 (702) 228-8538  
1702 WEST 2000 COSTA MESA, CALIFORNIA 92626 (714) 796-2264



REVISION #1	AUGUST 30, 2002
REVISION #2	OCTOBER 16, 2002

CONSULTANT

**STATE ENGINEER**  
**TATE SANDER KIMBLEY**  
Professional Engineer No. 100000000  
Mechanical  
City of Las Vegas

**DEPARTMENT OF PUBLIC WORKS**

CITY OF LAS VEGAS WEST SERVICE YARD  
BUFFALO DRIVE AND PEAK ROAD  
LAS VEGAS, NEVADA  
FLOOR PLAN  
FIELD MAINTENANCE BUILDING

**PROFESSIONAL ENGINEER-STATE ENGINEER**  
**DONALD KOCH**  
Exp. 06/30/03  
Mechanical  
No. 006671

OWNER: CITY OF LAS VEGAS  
DEPARTMENT OF PUBLIC WORKS  
ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE  
LAS VEGAS, NEVADA 89101  
PHONE: (702) 228-8538  
FAX: (702) 382-3232  
TDD: (702) 386-9108

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