

SOUTH 06°05'51" EAST, BEING THE BEARING OF THE EAST LINE OF SECTION 36, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN BY MAP THEREOF ON FILE IN BOOK 74, PAGE 71 OF PLATS, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA

RIVET AND PLATE IN TOP OF CURB @ TOWN CENTER AND
VILLAGE CENTER ON WEST EDGE OF ROUNDABOUT.

CITY OF LAS VEGAS BENCHMARK 0LV00 19S4
NAVD 88 ELEVATION = 831.6122 METERS, 2728.38 FEET
SUMMERLIN ELEVATION: 2726.11 FEET

DESCRIPTION	UNIT
1. 8" D.C.D.A.	1 E
2. 2" R.P.P.A.	1 E
3. 8" PVC WATER LINE	41 LF
4. 2" PVC WATER LINE	36 LF
5. FIRE HYDRANT	1 E

- 1 INSTALL 2" SERVICE SADDLE & CORPORATION STOP.
- 2 INSTALL 2" BRASS WATERLINE.
- 3 **INSTALL BEND (BRASS, 2"-90°).**
- 4 INSTALL MECHANICAL JOINT TAPPING TEE WITH TAPPING VALVE PER UDACS PLATE 22 (SEE PLAN FOR SIZE).
- 5 INSTALL 2" WATER METER PER UDACS. PLATE NO. 1D.
- 6 INSTALL 2" R.P.P.A. PER UDACS. PLATE NO. 11A.
- 7 INSTALL 8" D.C.D.A. PER UDACS. PLATE NO. 11C.
- 8 INSTALL 2" PVC WATER LINE.
- 9 INSTALL 8" PVC WATER LINE.
- 10 SEE BUILDING PLUMBING PLAN FOR CONTINUATION.
- 11 INSTALL 8"-90° ELBOW.
- 12 INSTALL FIRE HYDRANT PER UDACS PLATE NO. 7.
- 13 INSTALL SANITARY SEWER CLEANOUT. (SEE DETAIL "B")
- 14 INSTALL 6" PVC SANITARY SEWER.
- 15 FIRE DEPARTMENT CONNECTION.
- 16 EXISTING SANITARY SEWER STUB TO BE ABANDONED.
- 17 CONTRACTOR TO FIELD VERIFY PRIOR TO INSTALLATION SANITARY SEWER CLEAN OUT AND SEWER LINE.
- 18 INSTALL SANITARY SEWER WYE.

DESCRIPTION	UNIT
1. 2" SERVICE SADDLE & COPORATION STOP	1 EA.
2. WATER LINE	30 LF.
3. BEND (COPPER 2"-90°)	3 EA.
4. MECHANICAL JOINT TAPPING TEE WITH TAPPING VALVE	1 EA.
5. 8" WATER LINE	30 LF.
6. 8"-90° ELBOW	2 EA.
7. SANITARY SEWER CLEANOUT	2 EA.
8. 6" SANITARY SEWER	153 LF.
9. FIRE DEPARTMENT CONNECTION	1 EA.
10. SANITARY SEWER WYE	1 EA.
11. 6" x 6" TEE AND 6" GATE VALVE	1 EA.

**CALL BEFORE
YOU DO
OVERHEAD**

1-702-593-6111

SCALE: 1"=10'

FIRE FLOW REQUIREMENT IS: 1,500 GALLONS PER
MINUTE AT 20 PSI RESIDUAL PRESSURE.

BASED ON:

SQUARE FOOTAGE: 6,800 SQUARE FEET
LARGEST AREA BETWEEN 6,810 SQUARE FEET
4-HOUR AREA SEPARATION
WALLS:
BUILDING HEIGHT: 36' FEET
NUMBER OF STORIES: 1 FLOOR
TYPE OF CONSTRUCTION: V-N
OCCUPANCY: A3/B
FULL AUTOMATIC FIRE YES
SPRINKLER SYSTEM: +

REVIEWED BY: [Signature] DATE 4/5/04

TREES SHRUBS, OR DECORATIVE ROCKS, AND ANY BLOCK WALL OR OTHER FENCE MATERIAL, SHALL BE DESIGNED AND CONSTRUCTED AROUND THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S), BLACK FLOW ASSEMBLIES, AND PIPING FROM THE ADJACENT RIGHT-OF-WAY.

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVMD. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

THE DOUBLE CHECK DETECTOR ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE NO. 11C.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) SO AS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

AVERAGE FLOW
129 FIXTURES(1.33 ERU)(250 GPD) = 0.043 MGD
PEAK FLOW
(0.043*.9004)(2.6186) = 0.152 MGD

ALL DIMENSIONS ARE FROM BACK OF CURB TO
BACK OF CURB, UNLESS OTHERWISE NOTED.

EXISTING TELEPHONE BOX LID TO BE REMOVED AND REPLACED WITH A CONCRETE LID AND A ROUND MANHOLE LID ON THE WEST SIDE OF THE BOX.

C. WALLACE, INC. ASSUME NO RESPONSIBILITY FOR EXISTING UTILITY SHOWN OR NOT SHOWN. THE UTILITIES SHOWN IN THIS DRAWING HAVE BEEN PLOTTED FROM RECORD INFORMATION AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND DEPTH OF ALL RELEVANT UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF A CONFLICT OR DISCREPANCY IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING IMMEDIATELY.

 **G.C. WALLACE, INC.**
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299
E: V398-9111.dwg IMPROV/HQHP-503.dwg

IHOP ON TRAILWOOD DRIVE TONY KOUBA HORIZONTAL CONTROL/UTILITY PLAN
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SHEET
C-3
3 OF 4 SHTS

01	REV	DATE
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PROGRESS PRINT