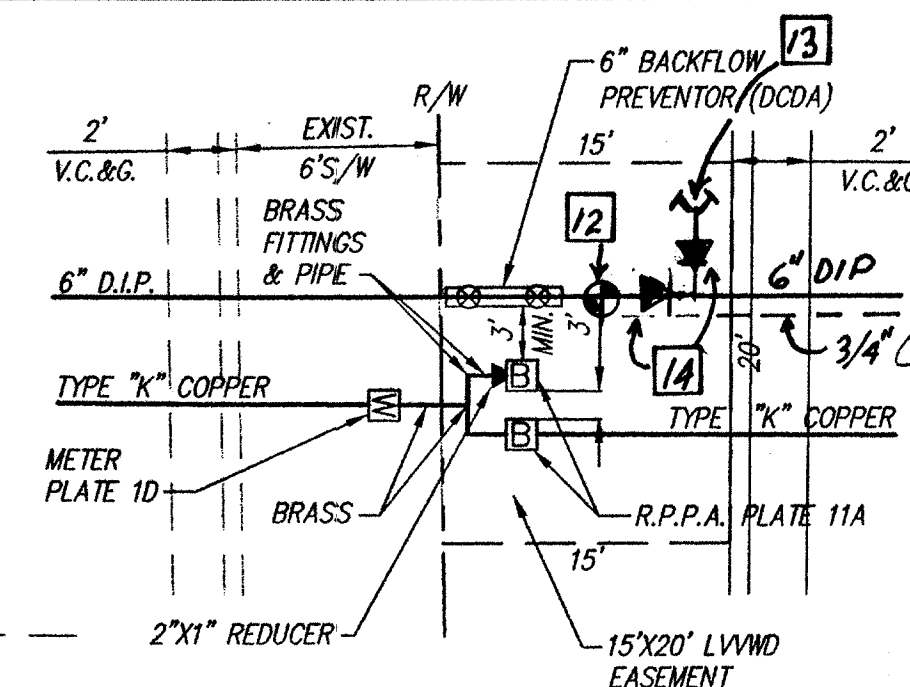


NOTE: PRIOR TO CONSTRUCTION OF PROPOSED IMPROVEMENTS, CONTRACTOR SHALL LOCATE AND VERIFY EXISTING UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCY FROM THESE PLANS.

UTILITY PLAN PANDA EXPRESS

A PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHWEST
QUARTER OF SECTION 29, TOWNSHIP 20 SOUTH, RANGE 62 EAST,
M.D.M., CLARK COUNTY, NEVADA
A.P.N. # 140-29-401-003

20 10 0 20 40
SCALE 1"=20' FEET



UTILITIES

SEWER
CITY OF LAS VEGAS
6770 W. FLAMINGO ROAD
LAS VEGAS, NV 89103
(702) 229-6301

WATER
LAS VEGAS VALLEY WATER DISTRICT
1001 S. VALLEY VIEW BLVD.
LAS VEGAS, NV 89153
(702) 822-8404

GAS
SOUTHWEST GAS CORPORATION
4300 W. TROPICANA AVENUE
LAS VEGAS, NV 89103
(702) 365-2117

ELECTRIC
NEVADA POWER COMPANY
6770 W. FLAMINGO ROAD
LAS VEGAS, NV 89103
(702) 252-4823

TELEPHONE
SPRINT CENTRAL TELEPHONE CO. OF NEVADA
330 SOUTH VALLEY VIEW BLVD.
LAS VEGAS, NV 89152
(702) 244-7171

CABLE
COX COMMUNICATION
121 S. MARTIN L. KING BLVD.
LAS VEGAS, NV 89106
(702) 384-8084

SEWER CONTRIBUTION
AVERAGE = 1307.5 GPD
PEAK = 1552.5 GPD
DAILY FLOW

DETAIL 'A' N.T.S.

L.V.V.W.D. STANDARD NOTES

1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVWD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVWD COMMUNICATION SUPPORT CENTER (258-7171) TWO (2) WORKING DAYS PRIOR TO START OF CONSTRUCTION. FOR FUTURE INSPECTION, WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
2. ALL WORK SHALL CONFORM TO LVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND THE 2003 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS).
3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OR 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 LVWD.
5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVWD 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 AND CURB GUTTERS.
8. ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.19 OF THE 2003 EDITION OF THE UDACS.
9. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED, AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVWD DISTRIBUTION SYSTEM.
10. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM THE LVWD CENTRAL STORES. TELEPHONE 258-3152 OR 258-3802, TWO (2) WORKING DAYS PRIOR TO METER PICK UP.
11. ANY INTERRUPTION OF SERVICE MUST BE APPROVED BY THE LVWD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.
12. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVWD PRE-APPROVED MATERIALS AND MANUFACTURER'S LISTING FOR NE FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
13. TELEPHONE "CALL BEFORE YOU DIG" AT 1-800-227-2600.

CONSTRUCTION NOTES

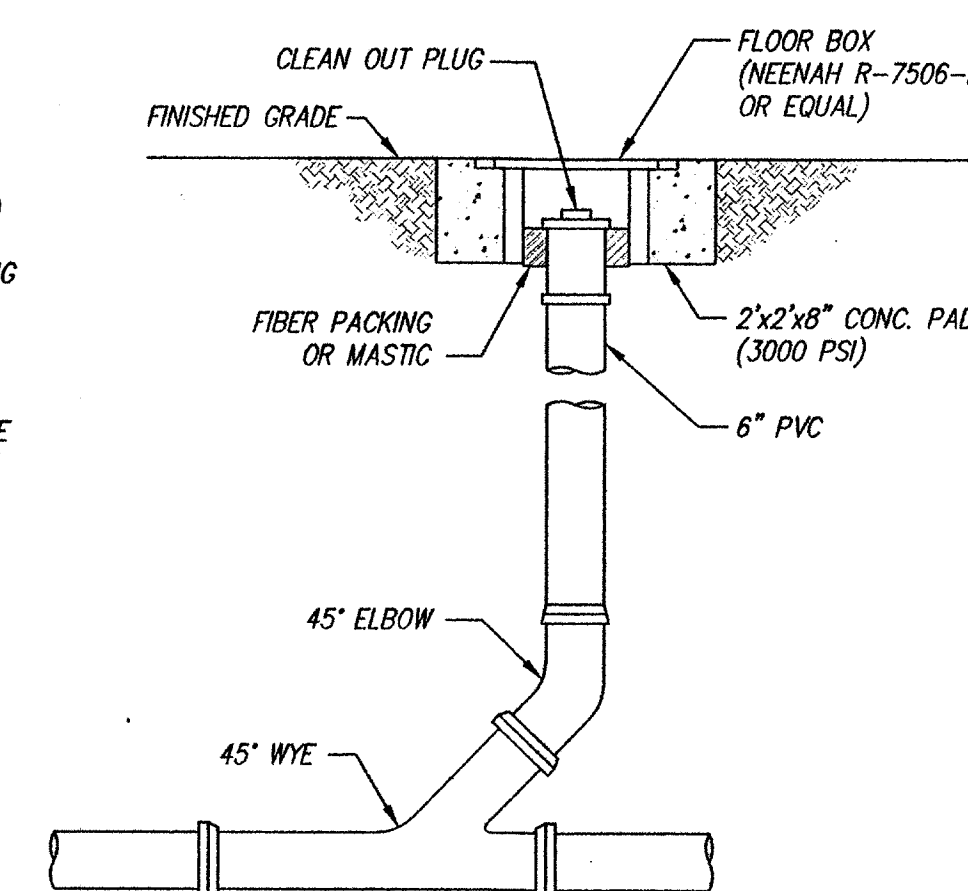
- SEWER:**
1. INSTALL 6" SDR35 PVC SEWER LINE. LENGTH AND SLOPE PER PLAN.
 2. CONNECT TO 6" SEWER STUB. SEE OFF-SITE PUBLIC SEWER PLAN FOR INVERT & LOCATION SHEET C-4.
 3. CONNECTION POINT FOR BUILDING SEWER. SEE PLUMBING PLANS FOR CONNECTION & CONTINUATION.
 4. INSTALL SEWER CLEANOUT PER DETAIL THIS SHEET.
- WATER:**
1. INSTALL 2" TYPE "K" SOFT DRAWN COPPER WATER LINE. LENGTH PER PLAN.
 2. CONNECTION POINT FOR BUILDING WATER. SEE PLUMBING PLANS FOR CONNECTION & CONTINUATION.
 3. INSTALL 2" METER & SERVICE PER UDS PLATE 1D.
 4. 1" REDUCED PRESSURE PRINCIPLE ASSEMBLY FOR LANDSCAPE PER UDS PLATE 11A.
 5. INSTALL 2" REDUCED PRESSURE PRINCIPLE ASSEMBLY FOR WATER PER UDS PLATE 11A.
 6. SAWCUT REMOVE & REPLACE EXISTING CURB, GUTTER, SIDEWALK & PAVEMENT PER STD DWG. #504. TO NEAREST LANE LINE.
 7. INSTALL 6" D.I.P. CLASS 52 FIRELINE. LENGTH AS NOTED. (RATED FOR 200 P.S.I.)
 8. INSTALL 8" X 6" TAPPING SLEEVE, TAPPING VALVE, BOX AND COVER PER UDACS PLATE 8 & 22.
 9. INSTALL 6" D.I.P. FIRELINE TO WITHIN 5' OF BUILDING. SEE PLUMBING PLANS FOR CONNECTION AND CONTINUATION.
 10. INSTALL 6" D.I.P. CLASS 52 90° BEND.
 11. INSTALL 6" BACKFLOW PREVENTOR PER UDACS STD. DETAIL 11C.

REDUCED PRESSURE PRINCIPLE ASSEMBLY-(1) 1", (1) 2"

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 LVWD.

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.

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



CLEANOUT DETAIL

LANDMARK ENGINEERING INC
7310 North 16th Street
Phoenix, Arizona 85020
Suite 285
602.861.2005

THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRVS ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWD FACILITIES.

NOTES

1. 24 HOURS INSPECTION NOTICE - PRIOR TO THE START OF ANY PHASE OF CONSTRUCTION, THE CITY CONSTRUCTION INSPECTION SECTION SHALL BE GIVEN AT LEAST 24 HOURS NOTICE. THE SECTION MAY BE NOTIFIED AT (760) 323-8253.
2. COMPACTION TEST NOTE - COMPACTION TEST SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THE NUMBER BY THE CITY ENGINEER.

DOUBLE CHECK DETECTOR ASSEMBLY (1) 6" (DCDA)

THE DOUBLE CHECK DETECTOR ASSEMBLY 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.

FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS 1,000 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE.

BASED ON:
SQUARE FOOTAGE: 8,280 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR
AREA SEPARATION WALLS: 8,280 SQUARE FEET
BUILDING HEIGHT: 29 FEET
NUMBER OF STORIES: 1 FLOOR
TYPE OF CONSTRUCTION: 5N
OCCUPANCY: A3 & B
FULL AUTOMATIC FIRE SPRINKLER SYSTEM: YES
REVIEWED BY: DATE: 5/19/04
LAS VEGAS FIRE DEPT.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT PROJECT 28923
DATE: 5/19/04
FIRE DEPARTMENT

Call before you Dig.
1-800-227-2600

Call before you Overhead
1-800-593-6111

JERE W. PLANCK
Architect
4041 N. CENTRAL AVENUE, SUITE C-100
PHOENIX, ARIZONA 85012
(602) 222-4006
FAX (602) 279-4006

PANDA RESTAURANT GROUP
SHOPS BUILDING
N.E.C. of LAMB BLVD. AND BONANZA ROAD
LAS VEGAS, NEVADA



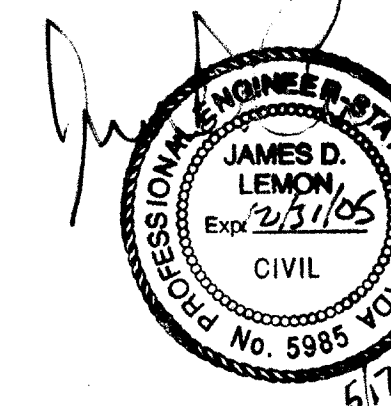
JOB NO:		03116
PROJECT MGR: BEK		
DRAWN BY: RH		
CHECKED BY: J. LEMON		
NO.	REVISION	DATE

THESE DRAWINGS ARE "NOT FOR CONSTRUCTION" UNTIL ALL ITEMS ARE INITIALED AND DATED	INITIAL	DATE
SUBMITTED TO CITY		
ISSUED FOR BIDDING		
FINAL COORDINATION & APPROVAL HAS NOT BEEN COMPLETED		
CITY APPROVAL		
ISSUED FOR CONST.		
ISS. SHALL BE MADE PRIOR TO OWNER WITHIN 5 WORKING DAYS OR S.C. ASSUMES ALL CHANGES		

SHEET TITLE:
UTILITY PLAN
PANDA EXPRESS

FILE LOCATION:
3116u01

PLOT DATE:
05-03-04



C-3
SHEET 3 OF 4
107V4078