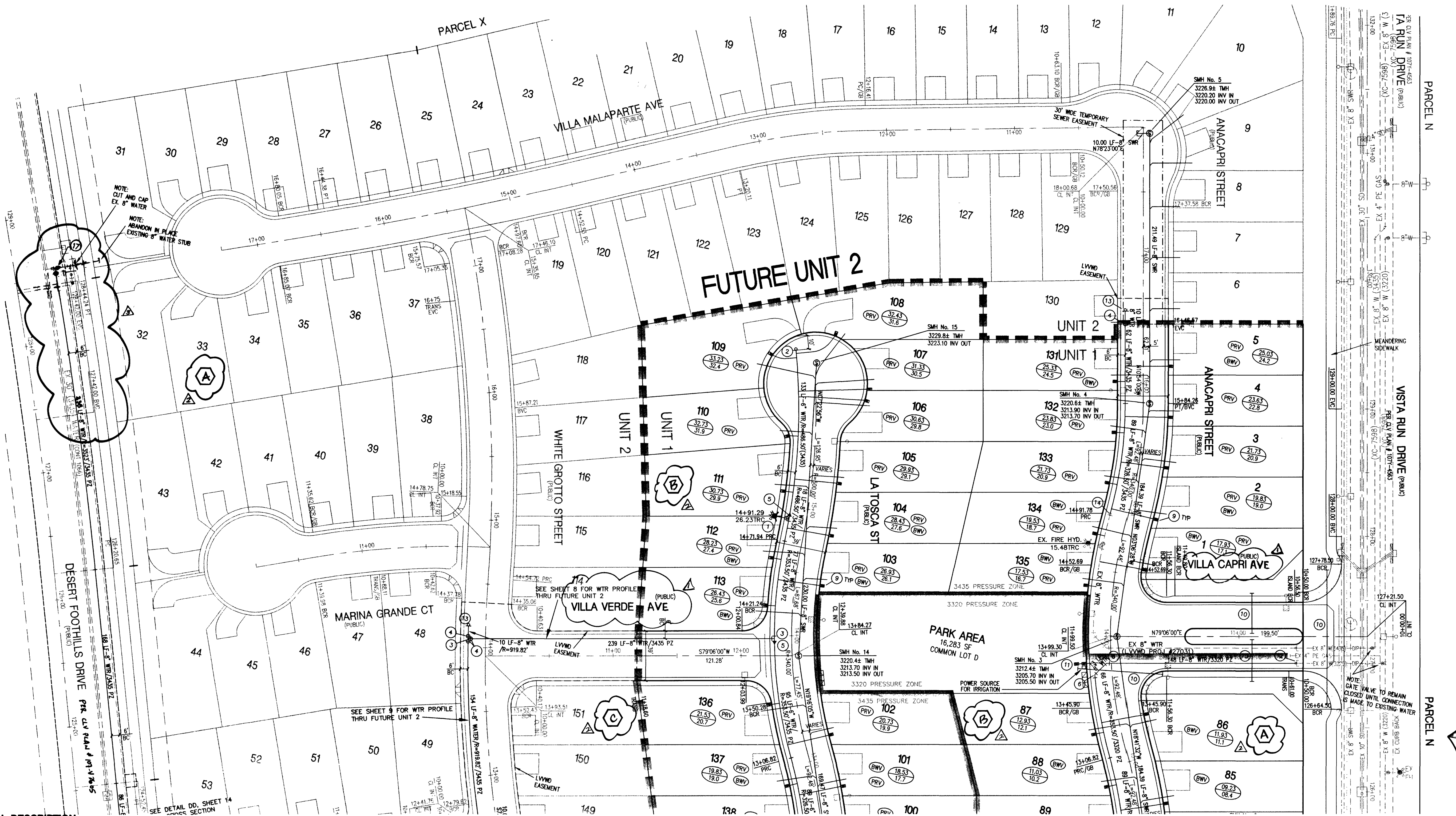




LEGAL DESCRIPTION
THE VISTAS AT SUMMERLIN VILLAGE 20 UNIT No. 1,
BEING A SUBDIVISION OF A PORTION OF PARCEL 1 AS
SHOWN BY MAP THEREON ON FILE IN FILE 91, PAGE 28
OF PARCEL MAPS IN THE CLARK COUNTY RECORDERS OFFICE.
FILE IN FILE 93, PAGE 95 OF SURVEYS, IN THE CLARK COUNTY RECORDERS OFFICE.

BASIS OF BEARING
NORTH 89° 54' 38" EAST BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER
OF SECTION 35, T.20 S. R. 59 E. W. 4 M. AS SHOWN BY THE ANCHORED MAP ON
FILE IN FILE 93, PAGE 95 OF SURVEYS, IN THE CLARK COUNTY RECORDERS OFFICE.

BENCHMARK
CITY OF LAS VEGAS BENCHMARK 0109 30MM W/ WIRE & PLATE IN
TOP OF CURB RETURN @ NW CORNER OF PAVILION CENTER & A.T.A.
3024.26' NAVD 1988 DATUM

NOTE:
ELEVATIONS SHOWN ON PLANS ARE 0.30' LESS THAN ELEVATION OF
CITY OF LAS VEGAS BENCHMARK SHOWN ABOVE.

CONTRACTOR SHALL FIELD LOCATE AND PROTECT ALL LVWMD APPURTENANCES
INCLUDING, BUT NOT LIMITED TO, A/VAR, ACCESS MAINWAYS AND CATHODIC
PROTECTION SYSTEMS. ALL ABOVE GROUND STRUCTURES AND AT GRADE
STRUCTURES MUST BE ADJUSTED TO NEW GRADE AT CONTRACTORS EXPENSE.
CATHODIC PROTECTION TEST STATIONS MUST BE RELOCATED TO THE
SIDEWALK PER LVWMD STANDARDS AT THE CONTRACTORS EXPENSE.
(SEE DETAIL CC, SHEET 14)

SEWER CONTRIBUTION
75 LOTS
AVERAGE DAILY FLOW (75 x 250) / 1M = 0.01875 MGD
PEAK DAILY FLOW PD = 3.5 x 0.01875 = 0.0656 MGD

MATCHLINE (SEE SHEET 10)

NOTE
SEE SHEET 6 FOR
MANHOLE SCHEDULE

HEALTH DISTRICT NOTE
INSTALL SEWER/WATER LATERALS PER UDACS 2.19.03

BACKWATER VALVES (BWV)
THE FOLLOWING LOTS REQUIRE SEWER BACKWATER VALVES.
LOTS : 1-2, 5, 59, 65, 69-71, 74-76, 80-82, 84-86
88-89, 92-98, 100-101, 103-104, 112-113,
131, 134-135, 137-138, 141-145.

- WATER CONSTRUCTION NOTES**
- 1 FIRE HYDRANT ASSEMBLY PER UDACS PLATE 7 (INCLUDES TEE AND GATE VALVE)
 - 2 INSTALL 6" CAP & 2" BLOW OFF ASSEMBLY PER UDACS PLATE 4
 - 3 8" x 8" TEE PER UDACS PLATE 5
 - 4 8" GATE VALVE
 - 5 8" x 6" REDUCER
 - 6 8" 45° ELBOW PER UDACS PLATE 5
 - 7 8" - 90° ELBOW PER UDACS PLATE 5
 - 8 8" - 11-1/4" ELBOW PER UDACS PLATE 5
 - 9 1" WATER SERVICE WITH 3/4" METER PER UDACS PLATE No 1B.
 - 10 IRRIGATION AND POWER CONDUIT, 2-4" & 1-6" SCH. 40 PVC CONDUIT
 - 11 1" WATER SERVICE WITH 1" METER AND 1" RPPA PER UDACS PLATES 10 & 11A.
 - 12 REMOVE CAP & BLOWOFF; CONNECT TO EXISTING 8" DUCTILE IRON (DIP) STUB
 - 13 INSTALL 8" CAP & 2" BLOW OFF ASSEMBLY PER UDACS PLATE 4
 - 14 REMOVE CAP & BLOWOFF; CONNECT TO EXISTING 8" PVC STUB
 - 15 8" - 22-1/2" ELBOW PER UDACS PLATE 5
 - 16 6" 45° ELBOW PER UDACS PLATE 5
 - 17 INSTALL 12" 6" MECHANICAL JOINT TAPPING TEE W/ 8" TAPPING VALVE

THE DISTRICT WILL NOT GUARANTEE A WATER-TIGHT SHUTDOWN WHERE CONNECTIONS
OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHALL ENSURE ALL
LABOR AND EQUIPMENT IS AVAILABLE AT ALL TIMES TO REMOVE FUGITIVE WATER WHICH
IMPEDES THE CONTRACTOR'S PERFORMANCE.
CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUTDOWN IN THE
EVENT NO OTHER APPURTENANCES ARE AVAILABLE.

PRV NOTE: (PRV) LOTS: 59-65, 99-113, 136-139, 144 & 145
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. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE
INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWMD FACILITIES.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 1
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 LVWMD.

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

WATER NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW
FITTING, PER MANUFACTURER INSTRUCTIONS.
SERVICE LATERALS FOR LOTS 1, 134, 135 & 1" IRRIGATION METER (MINI-PARK) ON
ANACAPRI STREET WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR
UNDER DIRECTION OF THE LVWMD.

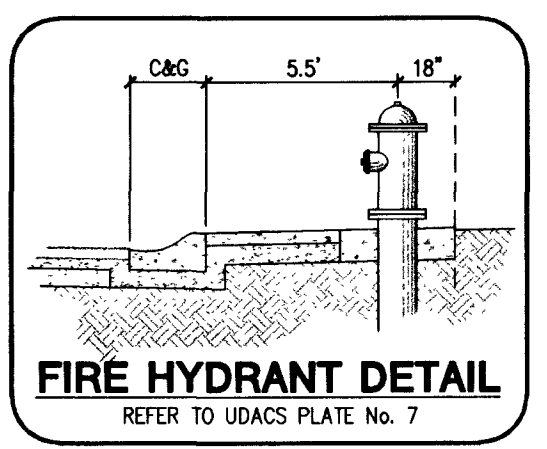
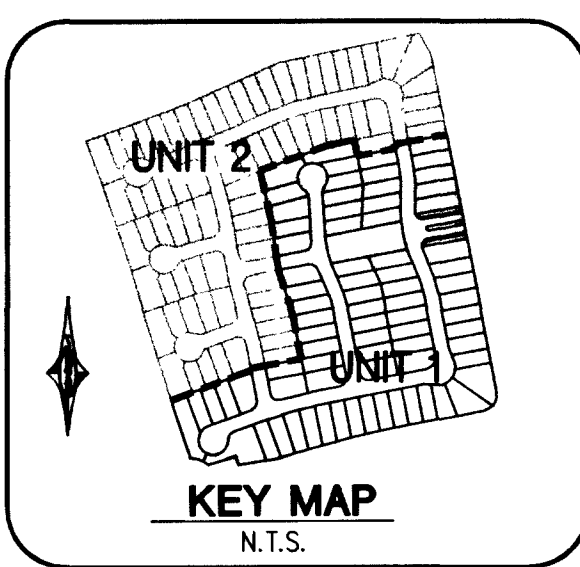
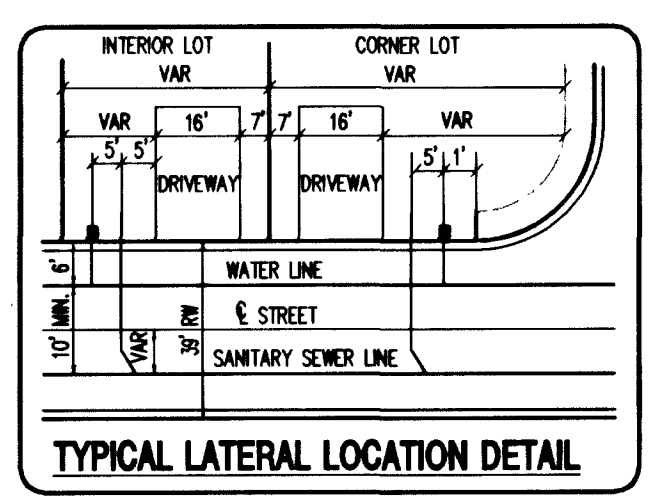
FIRE FLOW CALCULATIONS
FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE
AT 20 PSI RESIDUAL PRESSURE.
BASED ON:
SQUARE FOOTAGE: 3,600 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR: N/A SQUARE FEET
AREA SEPARATION WALLS: 20 FEET
BUILDING HEIGHT: 2 FLOORS
NUMBER OF STORIES: TYPE V-NR
OCCUPANCY: RESIDENTIAL
FULL AUTOMATIC FIRE SPRINKLER SYSTEM: YES [X] NO
REVIEWED BY: *Richard A. Lozano* DATE: 10/10/02
LAS VEGAS FIRE DEPT

APPROVALS
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A
PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE
PROVISIONS OF THE STATE OR COUNTY LAWS. 1500 GPM 20 PSI.
Robert Hall 10-10-02
CLV FIRE DEPARTMENT DATE
Nass Hall 10/15/02
LAS VEGAS VALLEY WATER DISTRICT DATE

DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY.
IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE
THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL
EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING
CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING
UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO
RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN
IN THEIR PROPER LOCATION.
CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

Avoid cutting underground
utility lines. If you
before Call
you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Avoid overhead power
line contact.
before Call
you Overhead
1-702-593-6111
HIGH VOLTAGE OVERHEAD
AND SAFETY SERVICES DEPARTMENT



UTILITY PLAN SHEET 2 OF 2		KBHOME		Carter Burgess Consultants in Planning, Engineering, Construction Management, and Real Estate Services		750 Pilot Road, Suite F Las Vegas, Nevada 89119 (702) 614-2500		6655 Bermuda Road Las Vegas, NV 89199 (702) 938-5400 Fax (702) 938-5454	
DRAWN BY:	DESIGNED BY:	CHECKED BY:	PROJECT NO:	SCALE:	DATE:	SHEET 11 OF 14 SHEETS CLV DRAWING NO. 307Y-4729-1			
REVISION				REV. DATE APP. BY					
1. 10/10/02 STREET NAME CHANGE				1. 10/10/02 STREET NAME CHANGE					
2. 10/10/02 ADD BLOCK LETTERS				2. 10/10/02 ADD BLOCK LETTERS					
3. 10/10/02 REVISE 8" WATER CONNECTION				3. 10/10/02 REVISE 8" WATER CONNECTION					