



LEGEND

---	PROPERTY LINE
---	CENTER LINE
---	CONCRETE WALL
---	WATER LINE
---	SANITARY SEWER
---	PROP. CONTOURS
---	EXIST. STREETLIGHT CONDUIT
---	EXIST. STREET LIGHT
---	EXIST. FIRE HYDRANT
---	EXIST. GATE VALVE
●	GATE VALVE
●	MANHOLE
●	EXIST. MANHOLE

BASIS OF BEARING
 NORTH 11°38'33" BEING THE BEARING OF THE CENTERLINE OF HUSTIE DRIVE AS SHOWN BY MAP THEREOF OF FILE IN BOOK 75, PAGE 75 OF FINAL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

BENCHMARK
 BEING A RIVET & PLAT IN THE TOP OF CURB NW SIDE OF TOWN CENTER DRIVE AND S. CIRCLE ISLAND ISLAND.
 STATION: OL000 1954
 ELEVATION: 2728.368 FEET, 831.6074 METERS
 CITY OF LAS VEGAS VERTICAL CONTROL No. 11

SUMMERLIN PROJECT BENCHMARK
 ON RECORD OF SURVEY ON FILE 85, PAGE 17 OF SURVEYS IN THE CLARK COUNTY RECORDERS OFFICE.
 ELEV. = 3000.27 FEET
 DATUM: SUMMERLIN
 SUMMERLIN DATUM + 2.20' = NAVD 1988 DATUM

FIRE FLOW DATA
 BUILDING TYPE: TYPE V-N
 SQUARE FOOTAGE: 1,750 FT²
 FIRE FLOW: 1,500 GPM

SEWER DEMANDS
 COMMERCIAL - TYPE C CLASS
 DAILY AVERAGE = 0.0020 MGD
 PEAK FLOW = 0.0085 MGD

- NOTES:**
- ALL SURROUNDING STREETS ARE EXISTING INCLUDING CURB, GUTTER AND ASPHALT.
 - CONTRACTOR IS TO FIELD VERIFY THE EXISTING STUB INVERT.
 - ALL SANITARY SEWER LINES ARE PRIVATELY OWNED AND MAINTAINED.
 - THE 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 LVVWD FACILITIES.
 - CONTRACTOR IS TO MAINTAIN 18-INCH MINIMUM CLEARANCE AT SEWER/WATER CROSSING. THE INVERT OF THE WATER IS APPROXIMATELY 3078.0± AND THE SEWER INVERT IS 3073.2±.

APPROVED FOR CONSTRUCTION
[Signature] 2-27-98
 LAS VEGAS VALLEY WATER DISTRICT DATE

ABANDON VALVE CUT AND CAP WITHIN RIGHT-OF-WAY

ALL VALVES TO BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI.

THE CONTRACTOR SHALL CUT THE EXISTING PIPE WITHIN THE RIGHT-OF-WAY OR EASEMENT BOUNDARY AND INSTALL A CAP. WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL. THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK IN ACCORDANCE WITH THE PROVISIONS OF THE UDACS PLATE NO. 5 AT ALL CAP OR PLUG LOCATIONS.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (2")

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE #11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACK FLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

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 ADJACENT RIGHT-OF-WAY.

[Signature]
 CITY OF LAS VEGAS FIRE MARSHALL DATE 2-4-98

QUANTITIES

WATER ITEM	PRIVATE		PUBLIC	
	QUAN.	UNIT	QUAN.	UNIT
2" RPPA	-	EACH	1	EACH
2" METER	-	EACH	1	EACH
2" COPPER PIPE	345	L.F.	-	L.F.
1" COPPER PIPE	555	L.F.	-	L.F.
1" END CAP	3	EACH	-	EACH
6" P.V.C. PIPE	-	L.F.	48	L.F.
FIRE HYDRANT	-	EACH	1	EACH
12" x 6" TAPPING TEE & TAPPING VALVE	-	EACH	1	EACH

SANITARY SEWER ITEM	PRIVATE		PUBLIC	
	QUAN.	UNIT	QUAN.	UNIT
6" PVC (CL 150)	420	L.F.	-	L.F.
6" CLEANOUT	4	EACH	-	EACH
48" MANHOLE	1	EACH	-	EACH

PROJECT NAME: Village 11/2 Parcel NP-2 Park B - P C-5
 This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is NOT APPROVED FOR CONSTRUCTION at this time and this signature does not provide or imply a water commitment.
[Signature] DATE

SAFETY ALERT
 Call Before You Dig
 1-702-593-6111

Call before you Dig
 1-800-227-2600

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SUMMERLIN VILLAGE 11/12 - PARCEL NP-2 PARK LAS VEGAS, NEVADA

UTILITY PLAN

SHEET C-5 OF 6

