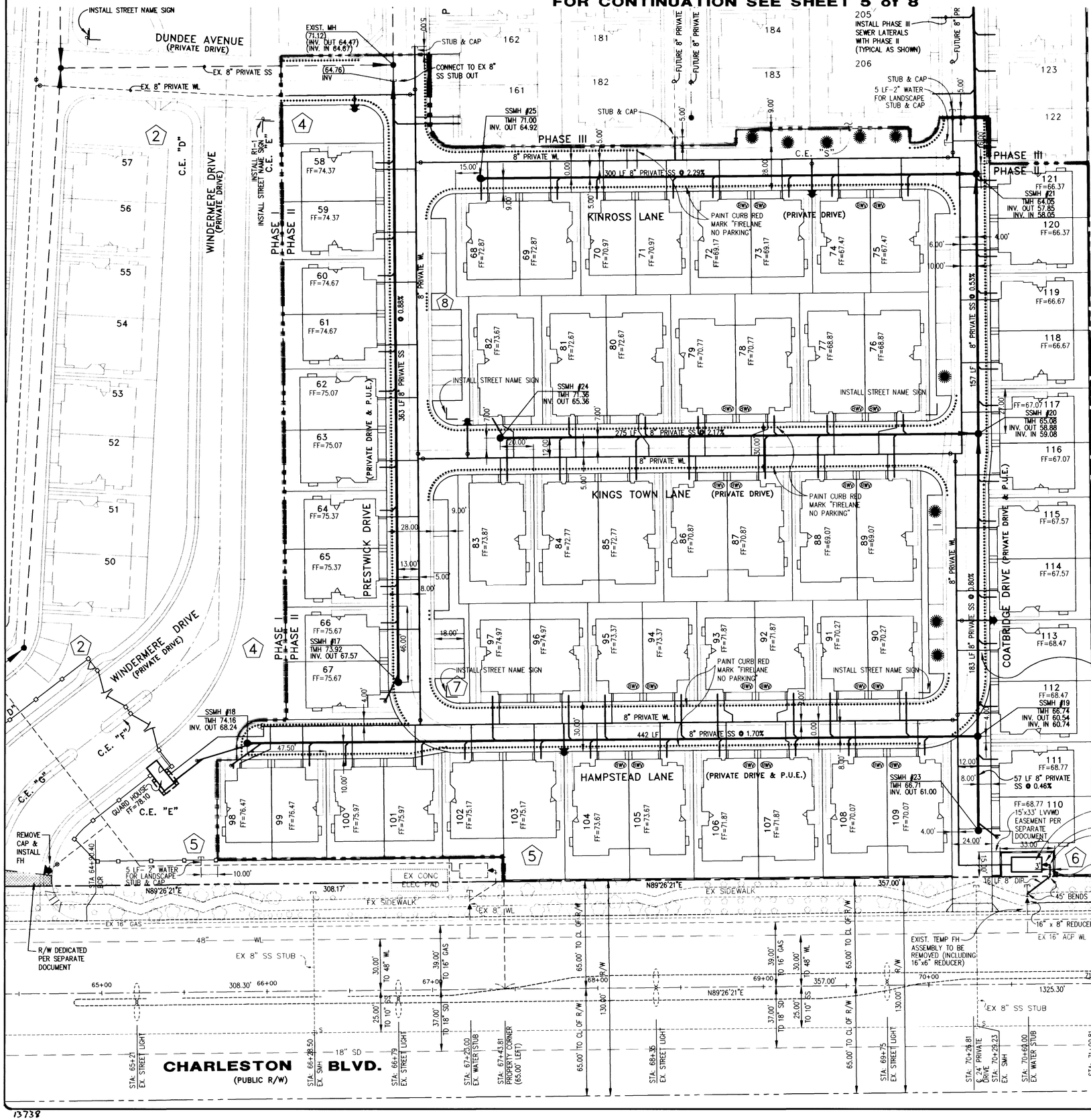
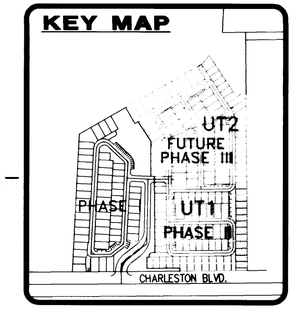
FOR CONTINUATION SEE SHEET 5 of 8



KEY MAP



(1) 8" DOUBLE CHECK VALVE ASSEMBLY

APPROVED DOUBLE CHECK VALVE ASSEMBLY(S) [DCVA] SHALL BE INSTALLED PER THE UDACS PLATE 11D. NO WATER SHALL BE TAKEN FROM SERVICE REQUIRING BACK FLOW PREVENTION UNTIL THE DCVA 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), SO AS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

INSTALLATION OF METER AND VAULT (1) 6"x 3" FMCT

THE METER(S) AND VAULTS(S) WITH NON-TRAFFIC BEARING COVER(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE No. 21D AND WITH STANDARD VAULT DRAWING C-475, LATEST REVISION.

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.

STATIC PRESSURE

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

PHASE II ESTIMATE OF PUBLIC BOND QUANTITIES

WATER

8" DIP WATER LINE	30 LF
8" 90° BEND	1 EA
8" 45° BEND	2 EA
16"x8" REDUCER	1 EA
8"x6" REDUCER	1 EA
6"x3" FMCT WITH 8" DCVA	1 EA

CONTRACTOR TO VERIFY QUANTITIES. ESTIMATE OF QUANTITIES PROVIDED FOR ENTITY APPROVAL.

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

Avoid overhead power line contact
Call before you OVERHEAD
1-702-593-6111
NEVADA POWER ENVIRONMENT SAFETY SERVICES DEPARTMENT

LEGAL DESCRIPTION

BEING A PORTION OF LOT 1, FILE 92, PAGE 48 OF PARCEL MAPS SITUATED IN THE SE 1/4, SE 1/4 OF SECTION 31 AND A PORTION OF THE SW 1/4, SW 1/4 OF SECTION 32 TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

APN 138-32-411-001

BASIS OF BEARING

N. 89°26'21" E., BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 32, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA. AS SHOWN IN BOOK 77, PAGE 23, OF PLATS ON FILE IN THE CLARK COUNTY RECORDERS OFFICE, CLARK COUNTY, NEVADA.

BENCHMARK

CLV BM # 32 OLVOO 31SES
RIVET & PLATE IN TOP OF CURB ON CHARLESTON BOULEVARD, 1446' WEST OF FORT APACHE ROAD, NORTH CURB LINE.

ELEVATION = 847.6375 METERS
2780.96 FEET (NAVD '88)

LEGEND

- FUTURE SEWER MANHOLE AND SEWER LINE
- FUTURE WATER LINE
- CAP OR PLUG
- EXISTING SEWER MANHOLE AND EX. SEWER LINE
- PROP. SEWER MANHOLE AND SEWER LINE
- FUTURE FIRE HYDRANT
- PROP. FIRE HYDRANT AND WATER LINE
- PAINTED CURB – "FIRE LANE"
- PROPOSED GATE VALVE (G.V.)
- EXISTING GATE VALVE
- BLOW OFF ASSEMBLY
- TMH TOP OF MANHOLE
- TCO TOP OF CLEANOUT
- INV INVERT
- MH MANHOLE
- FF FINISH FLOOR
- CO CLEAN OUT
- SS SANITARY SEWER
- DCVA DOUBLE CHECK VALVE ASSEMBLY
- FMCT FIRE METER COMPOUND TORRENT
- DIP DUCTILE IRON PIPE
- BWV BACK WATER VALVE
- SIGN
- STREET NAME SIGN (D-3)

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

NOTE

1. ALL DIMENSIONS ARE TO THE CENTERLINE OF PIPE UNLESS INDICATED OTHERWISE.
2. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING UTILITIES AND NOTIFY CIVILTEC IMMEDIATELY ON ANY DISCREPANCIES PRIOR TO ANY CONSTRUCTION.
3. SEE SHEET C2 FOR ENTITY GENERAL NOTES.
4. FOR LOT UTILITY DETAIL AND DETAIL OF LATERAL CLEARANCE SEE SHEET U2.
5. PARKING SPACE FOR COMPACT CAR ONLY.
6. APPROXIMATELY 930 LF OF 8" SS WILL BE INSTALLED IN A 20' PRIVATE SEWER EASEMENT (FUTURE PHASE III) TO CONNECT TO EXISTING 8" SS AT THE NORTHEAST END OF FUTURE PHASE III.
7. SEE SHEET U2 FOR SEWER DISCHARGE AND VICINITY MAP.
8. SEE U2 FOR FIRE HYDRANT DETAIL
9. SEE U2 FOR SEWER CONTRIBUTION CALCULATIONS.

FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS: 1500 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE.
BASED ON:

SQUARE FOOTAGE:	4240 MAX.	SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	N/A	SQUARE FEET
BUILDING HEIGHT:	20 MAX.	FEET
NUMBER OF STORIES:	2	FLOOR
TYPE OF CONSTRUCTION:	V-N	
OCCUPANCY:	SINGLE FAMILY RESIDENTAIL	
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:		

REVIEWED BY: 1-6-99
DATE:

APPROVED FOR CONSTRUCTION
1/7/99
LAS VEGAS VALLEY WATER DISTRICT DATE

NO.	REVISIONS	BY	DATE	APPR.

CHARTERED DEVELOPMENT
6120 W TROPICANA, SUITE A-16/229
LAS VEGAS NV 89103
(702) 873-3994

Civiltec
ENGINEERS*SURVEYORS*PLANNERS
4795 S. SANDHILL RD. LAS VEGAS, NV 89121
(702) 436-0089

UTILITY PLAN
SOUTH HALF & ON-SITE SEWER

QUEENSRIDGE
FAIRWAY HOMES PHASE II
CITY OF LAS VEGAS NEVADA

SEAL
REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA
RUSSELL R. SILLITOE
CIVIL
No. 6189
1/6/99

SCALE(H):1"=	30'
SCALE(V):1"=	
DES.BY:	AMZ
DWN.BY:	dp
CHK.BY:	AMZ
PROJ. START DATE:	8/98

PROJECT NO. 3074-2
DRAWING NAME: 3074UT

SHEET U1
4 OF 8 SHEETS
CITY OF LAS VEGAS DWG. NO. 3074-4578-2

H:\D\3074\PHASE II\3074ut2 Wed Dec 16 16:00:45 1998 CADD3

13738

FOR CONTINUATION SEE SHEET 3 of 8

KEY MAP

LEGAL DESCRIPTION

BASIS OF BEARING

BENCHMARK

CO. OF DOUBLE CREEK VALVE VALUE

INSTALLATION OF METER AND VALVE IN 6" PIPE

STATIC PRESSURE

PHASE II

LEGEND

GRAPHIC SCALE

NOTE

FIRE FLOW CALCULATIONS

CHARLESTON BLVD.

FORT APACHE RD / BUFFALO BLVD.

HAMPSTEAD LANE

KINGS TOWER LANE

FRESTWICK DRIVE

CONTRACTOR'S DEVELOPMENT

UTILITY PLAN

SOUTH HALF & ON-SITE SEWER

QUEENSRIDGE

FAIRWAY HOMES PHASE II

CITY OF LAS VEGAS

NEVADA

3074-2

3074UT

U1