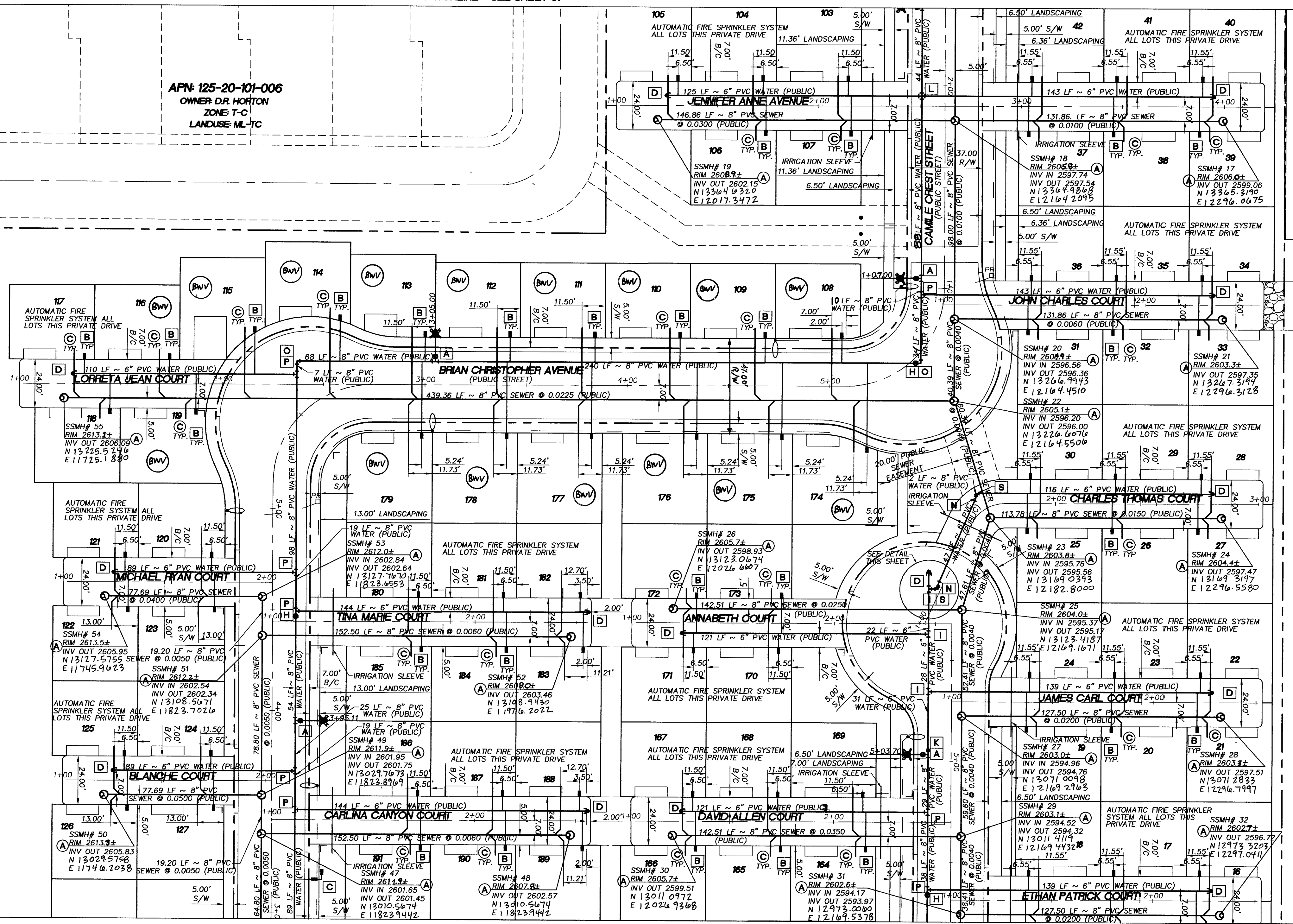


MATCHLINE - SEE SHEET U1

APN: 125-20-101-006
OWNER: D.R. HORTON
ZONE: T-C
LANDUSE: ML-TC

APN: 125-20-110
OWNER: SPRINKLER TOWN CENTER - UNIT 1
ZONE: T-C
LANDUSE: SC-TC



MATCHLINE - SEE SHEET U3

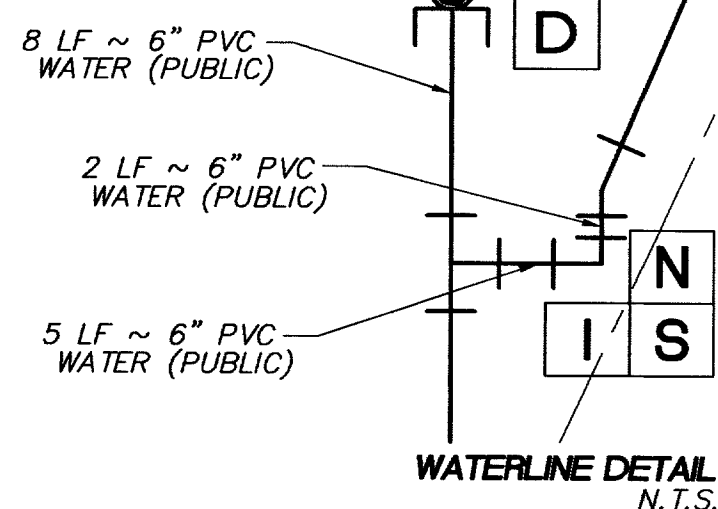
NOTE:
ALL 24" STUB STREETS ARE PRIVATE
DRIVES AND PUBLIC UTILITY EASEMENTS

NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH
ABOVE EACH HORIZONTAL ELBOW FITTING,
PER UDACS PLATE NO. 27.

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 LVWD.

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.

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

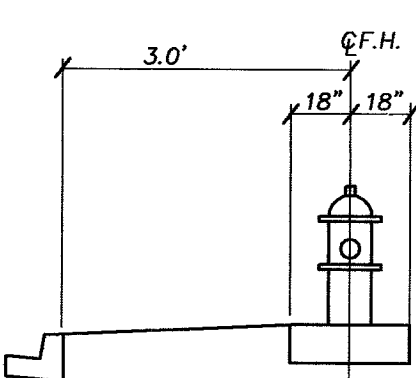


BASIS OF BEARING

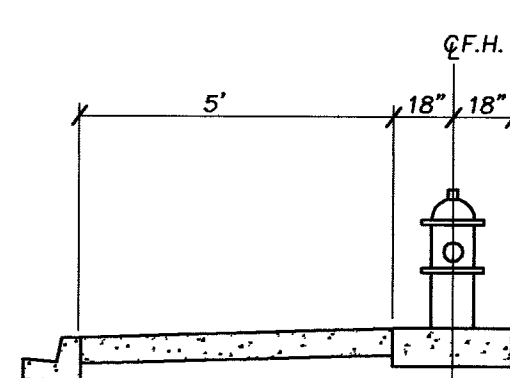
NORTH 89°54'17" EAST, BEING THE SOUTH LINE OF THE
SOUTHEAST QUARTER (SE 1/4) OF THE NORTHWEST
QUARTER (NW 1/4) OF SECTION 20, TOWNSHIP 19
SOUTH, RANGE 60 EAST, M.D.M. CLARK COUNTY,
NEVADA AS SHOWN IN FILE 118 OF SURVEYS AT PAGE
89, OFFICIAL RECORDS, COUNTY OF CLARK, STATE OF
NEVADA.

BENCHMARK

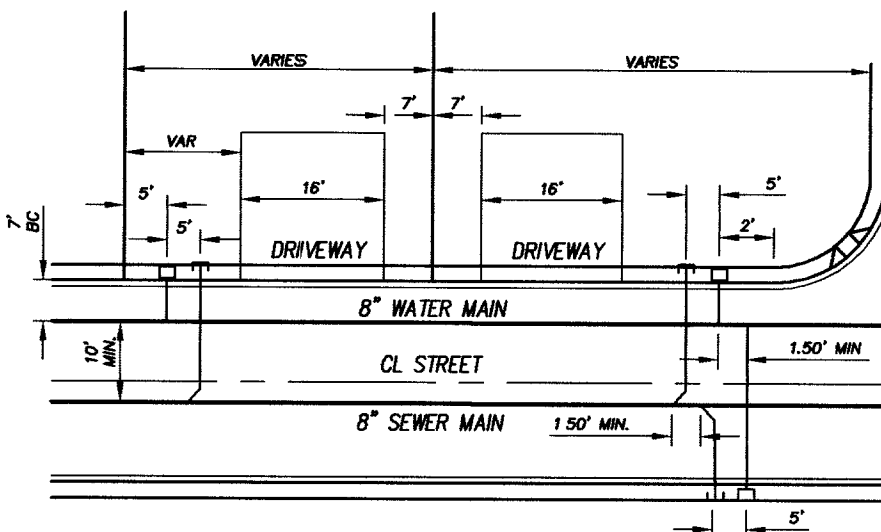
CITY OF LAS VEGAS VERTICAL CONTROL POINT "BLV90
1855", BEING A RIVET PLATE IN A CONCRETE CYLINDER,
NORTHWEST CORNER OF ELKHORN AND FORT APACHE.
ELEVATION: 2675.26 (FEET)
815.4214 (METERS)
CITY OF LAS VEGAS VERTICAL CONTROL BASED ON
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).



TYPICAL FIRE HYDRANT
LOCATION W/O SIDEWALK
NOT TO SCALE



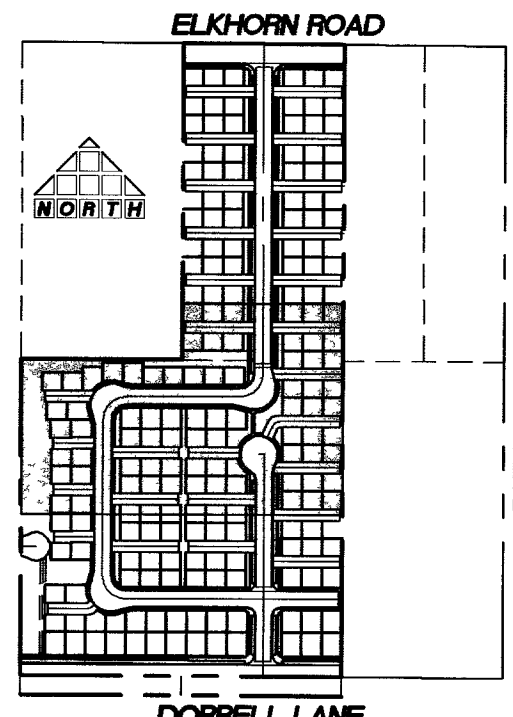
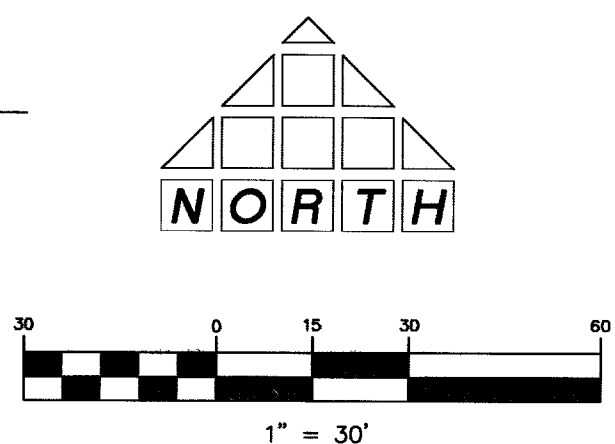
TYPICAL FIRE HYDRANT
LOCATION W/SIDEWALK
NOT TO SCALE



LATERAL NOTES:

WATER & SEWER SERVICE LATERALS SHALL BE
INSTALLED IN SEPARATE TRENCHES A MINIMUM OF 48"
APART. WATER LATERALS SHALL BE A MINIMUM OF 12"
ABOVE THE SEWER LATERAL. (REF: UNIFORM PLUMBING
CODE). WATER LATERAL SHALL BE PLACED 18" ABOVE
SEWER MAINS AND LATERALS AT CROSSINGS.

TYPICAL LATERAL LOCATION



KEYMAP
NOT TO SCALE

WATER NOTES

A	INSTALL FIRE HYDRANT ASSEMBLY PER UDACS STD. PLATE NO. 7 W/8"x6" TEE & 6" GATE VALVE
B	1" MVR METER AND 1" TYPE K COPPER LATERAL PER UDACS STD. PLATE NO. 18
C	1" IRRIGATION METER PER UDACS PLATE #10 1" RPPA PER UDACS PLATE #11A
D	6" CAP AND BLOWOFF ASSEMBLY PER UDACS STD. PLATE NO. 4A
E	8" CAP AND BLOWOFF ASSEMBLY PER UDACS STD. PLATE NO. 4A
F	12" X 8" MECHANICAL TAPPING TEE
G	6" GATE VALVE PER UDACS STD. PLATE NO. 8
H	8" GATE VALVE PER UDACS STD. PLATE NO. 8
I	6" TEE
J	8" TEE
K	8"x6" REDUCER
L	8"x6" CROSS
M	6" 45° BEND
N	6" 22 1/2° BEND
O	8" 90° BEND
P	8"x6" TEE
Q	8"x8" CROSS
R	10" X 8" MECHANICAL TAPPING TEE
S	6" 90° BEND

SEWER NOTES

A	CONSTRUCT STANDARD ECCENTRIC MANHOLE PER DCSWCS PLATE SD-1
B	CONSTRUCT SPECIAL MANHOLE "B" PER DCSWCS PLATE SD-10
C	INSTALL SEWER LATERAL PER DCSWCS PLATE SD-17
(BW)	BACK WATER VALVE

CLV FIRE DEPT. DATE 12/8/04

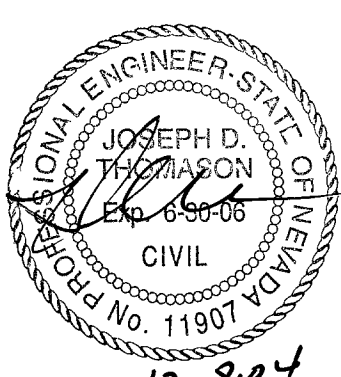
APPROVALS

LAS VEGAS VALLEY WATER DISTRICT
PROJECT # H-109368

THOMASON
CONSULTING
ENGINEERS

RICHMOND AMERICAN HOMES
WHITNEY HEIGHTS

UTILITY PLAN
CITY OF LAS VEGAS



SHEET U2
9 OF 33
DRAWING NO 1074858

PROJECT NO 3161 E. WARM SPRINGS ROAD, SUITE 200
LAS VEGAS, NEVADA 89120
702-932-6125 FAX: 702-932-6129
001.04005
REVISION
DATE BY
2-25-05 DLR/Rev. B.A. BOB & SSMH N.E. 10/3/05

P: 001\104005\00104005-UTILITY.dwg 12/8/2004 8:42:23 AM PST