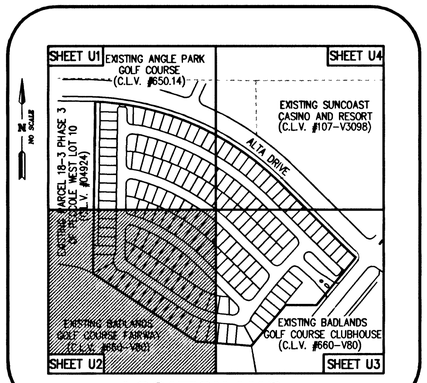


LOCATION MAP

SEWER MANHOLE CONTROL TABLE

EXISTING M.H. NUMBER		EXISTING TOP OF M.H.	EXISTING INV. (IN)	EXISTING INV.(OUT)
#1		(2754.00)	(2744.22)	(2744.02)
#2		(2754.95)	(2742.40)	(2742.20)
#3		(2755.92)	-----	(2745.03)
M.H. NO.	DIA.	TOP OF M.H.	INV.(IN)	INV.(OUT)
#1	48"	2757.60	2747.80	2747.60
#2	48"	2760.42	2753.62	2753.42
#3	48"	2764.32	2757.52	2757.32
#4	48"	2768.55	2761.75	2761.55
#5	48"	2772.83	2766.03	2765.83
#6	48"	2773.54	2766.74	2766.54
#7	48"	2773.62	-----	2767.30
#8	48"	2772.62	2765.61	2765.41
#9	48"	2772.43	2765.13	2764.93
#10	48"	2769.32	2762.52	2762.32
#11	48"	2766.20	2759.40	2759.20
#12	48"	2762.22	2755.42	2755.22
#13	48"	2764.18	2757.38	2757.18
#14	48"	2768.24	2761.44	2761.24
#15	48"	2771.53	2764.15	2763.95
#16	48"	2771.70	2764.49	2764.29
#17	48"	2770.68	2763.37	2763.17
#18	48"	2767.53	2760.73	2760.53
#19	48"	2766.01	2759.21	2759.01
#20	48"	2764.76	2757.96	2757.76

N

SCALE: 1"=30'

CALL BEFORE YOU DO OVERHEAD
1-702-593-6111
NEVADA POWER COMPANY & SOUTHWEST GAS SAFETY SERVICES DEPARTMENT

Call before you Dig.
1-800-227-2600
(UNDERGROUND SERVICE (USA))

LEGEND

- EXISTING 2" PE GAS MAIN
- EXISTING 8" S SEWER MAIN
- EXISTING 8" W WATER MAIN
- 8" S PROPOSED SEWER MAIN
- 8" W PROPOSED WATER MAIN
- PROPOSED 1" WATER SERVICE LATERAL (COPPER PIPE)
- PROPOSED 4" SEWER SERVICE LATERAL (PVC PIPE)
- EXIST. SEWER MANHOLE
- PROP. SEWER MANHOLE
- EXIST. FIRE HYDRANT W/ASSEMBLY
- PROP. FIRE HYDRANT W/ASSEMBLY
- BWV BACK WATER VALVE REQUIRED
- PROP. STREET LIGHT
- EXIST. STREET LIGHT

CONSTRUCTION NOTES

1. INSTALL FIRE HYDRANT W/ASSEMBLY (PER UDS PLATE NO. 7)
2. INSTALL 8"x8" TEE W/THRUST BLOCK (PER UDS PLATE NO. 5)
3. INSTALL 8"x6" TEE W/THRUST BLOCK (PER UDS PLATE NO. 5)
4. INSTALL 11 1/4° ELBOW W/THRUST BLOCK (PER UDS PLATE NO. 5)
5. INSTALL 22 1/2° ELBOW W/THRUST BLOCK (PER UDS PLATE NO. 5)
6. INSTALL 45° ELBOW W/THRUST BLOOCK (PER UDS PLATE NO. 5)
7. INSTALL 90° ELBOW W/THRUST BLOOCK (PER UDS PLATE NO. 5)
8. INSTALL 8" GATE VALVE (PER UDS PLATE NO. 3 & 8)
9. INSTALL 5/8" METER (PER UDS PLATE NO. 18)
10. INSTALL CAP W/2" BLOW-OFF ASSEMBLY (PER UDS PLATE NO. 4)
11. INSTALL 5/8" IRRIGATION METER W/1" RPPA (PER UDS PLATE NO. 1D & 11A)

NOTE:

FOR TYPICAL WATER AND SEWER LATERAL LOCATIONS SEE SHEET 13 OF 30

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

BASIS OF BEARING

THE BASIS OF BEARING FOR THIS PROJECT IS THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 31, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.B.M. WHICH BEARS NORTH 89°40'03" EAST AS SHOWN ON FILE 91, PAGE 27 OF PARCEL MAPS RECORDED IN THE COUNTY RECORDERS OFFICE OF CLARK COUNTY, NEVADA.

UTILITY INFORMATION

SEWAGE GENERATED: AVG. FLOW = 0.042 MGD
PEAK FLOW = 0.145 MGD

WATER PRESSURE ZONE: 2975 PZ

FIRE FLOW DATA

BUILDING HEIGHT (IN FEET)	28'-0"
OCCUPANCY CLASSIFICATION	GROUP R
CONSTRUCTION CLASSIFICATION	N/A
TOTAL FLOOR AREA OF ALL LEVELS	2,486 SQ.FT.
FLOOR AREA OF THREE LARGEST SUCCESSIVE FLOORS	2,486 SQ.FT.
ESTIMATED FIRE FLOW	1500

BENCHMARK

CITY OF LAS VEGAS BENCHMARK #00LV00 32NW06

RIVET & PLATE IN TOP OF CURB @ NW CORNER OF ALTA & WEST EXIT TO SUNCOAST RESORT PARKING LOT.

METERS = 844.0507
U.S. SURVEY FEET = 2769.19
NAVD 88, DATUM

OWNER/DEVELOPER

CRESTDALE ASSOCIATES, LTD
1063 LAS PALMAS ENTRADA AVE.
HENDERSON, NEVADA 89012

PROJECT NAME Windsor at Queensridge
Project #27734
This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is (SHEET 1-3, 10-13, 27, 29) NOT APPROVED FOR CONSTRUCTION
at this time and this signature does not provide or imply a water commitment.
LVVWD 7/15/03 DATE
ESN.052

NOTE:

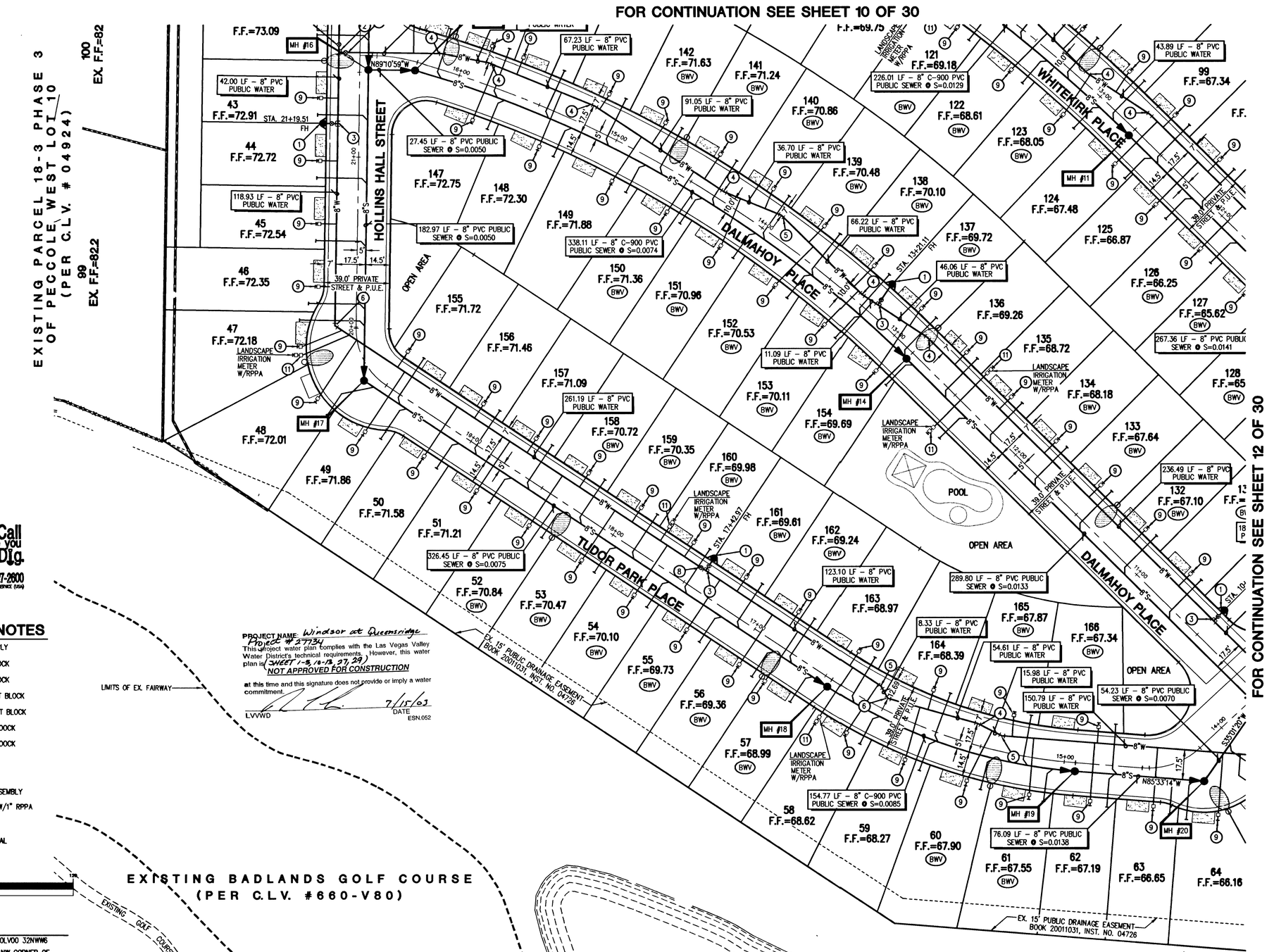
INSTALL PIPELINE MARKER BALLS IN THE TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER UDACS PLATE NO. 27

NOTE:

FOR CURVED WATER MAINS SEE SHEET 13 OF 30 FOR CURVE DATA TABLE

NOTE:

ALL PRIVATE STREETS AND DRIVES ARE PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY HOME OWNERS ASSOCIATION, CITY OF LAS VEGAS SEWER EASEMENTS, AND P.U.E.



APPROVAL

CITY FIRE MARSHAL — DATE 7/14/03

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT — DATE

REV	DATE	BY	REVISION

CRESTDALE ASSOCIATES, LTD
1063 LAS PALMAS ENTRADA AVE.
HENDERSON, NEVADA 89012

VPOINT
DESIGNING FOR THE FUTURE
PLANNERS · CONSULTING ENGINEERS · SURVEYORS
1009 WHITNEY RANCH DRIVE · HENDERSON, NEVADA 89014 · (702) 248-8415

SHEET: UTILITY PLAN (2)

TITLE: WINDSOR AT QUEENSRIDGE

DRAWN BY: BLOOM 02/03
DESIGNED BY: BLOOM 02/03
CHECKED BY: TRUDI 02/03
PROJECT NO. 066-2060
SCALE: 1"=30'

REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA
TRUDI
Exp. 12/03
CIVIL
No. 12508
7-14-03

SHEET U2
11 OF 30 SHEETS

DRAWING NO. 10744763

55326