

QUANTITY ESTIMATES

ITEM#	DESCRIPTION	UNIT	QUANTITY	PUBLIC	PRIVATE
STREET QUANTITIES					
1	2" A.C. PAVEMENT	S.Y.	6,243	6,243	0
2	3" A.C. PAVEMENT	S.Y.	2,350	2,350	0
3	TYPE I AGGREGATE BASE	C.Y.	2,884	2,884	0
4	TYPE II AGGREGATE BASE	C.Y.	1,404	1,404	0
5	7" TYPE CURB	L.F.	2,804	2,804	0
6	5' WGE CONCRETE SIDEWALK	SQ.FT.	6,820	6,820	0
7	100W HPS STREET LIGHT	EA.	9	9	0
8	150W HPS STREET LIGHT	EA.	3	3	0
9	200W HPS STREET LIGHT	EA.	3	3	0
10	400W HPS STREET LIGHT	EA.	1	1	0
WATER QUANTITIES					
11	8" PVC WATER LINE	L.F.	1,029	1,029	0
12	6" PVC WATER LINE	L.F.	328	328	0
13	2" DOMESTIC WATER SERVICE	L.F.	1,494	1,494	0
14	FIRE HYDRANT ASSEMBLY (8"x8"x6")	EA.	2	2	0
15	FIRE HYDRANT ASSEMBLY (6"x6"x6")	EA.	2	2	0
16	8" 90° BEND	EA.	1	1	0
17	8"x8"x6" TEE	EA.	2	2	0
18	3/4" METER W/ 1" SERVICE LATERAL	EA.	60	60	0
19	8" GATE VALVE	EA.	3	3	0
20	2" BLOWOFF ASSEMBLY	EA.	2	2	0
SEWER QUANTITIES (PUBLIC)					
21	8" P.V.C. SEWER LINE	L.F.	1,500	1,500	0
22	48" DIA. MANHOLE	EA.	7	7	0
23	SEWER LATERAL	L.F.	1,794	1,794	0

MANHOLE SCHEDULE

STRUCTURE	STATION	OFFSET	RIM	INVERT IN	INVERT OUT	NORTHING	EASTING	STREET NAMES
SSMH#1	3+19.27	10'(L)	1795.0		1785.55	5392.2610	5693.0718	VILLA INN AVENUE
SSMH#2	5+95.00 (COUNTRY GARDEN) 1+04.50 (VILLA INN)	4.5'(L)	1793.8	1784.58	1784.38	5175.8111	5691.7600	COUNTRY GARDEN AVENUE
SSMH#3	3+20.96	10'(L)	1796.0		1786.89	5393.7942	5440.0764	VILLA CREST COURT
SSMH#4	3+24.00 (COUNTRY GARDEN) 1+04.50 (VILLA CREST)	4.5'(L)	1794.8	1785.92	1785.72	5177.3443	5438.7647	COUNTRY GARDEN AVENUE
SSMH#5	1+04.50	5.5'(L)	1796.2	1787.23	1787.03	5178.8442	5191.2692	SWISS AVENUE
SSMH#6	2+57.50	5.5'(L)	1796.8	1788.12	1787.92	5331.8381	5192.1964	SWISS AVENUE
SSMH#7	4+60.00	5.5'(L)	1796.3		1789.03	5534.3529	5193.4237	SWISS AVENUE

APPROVED FOR CONSTRUCTION
 WASHINGTON & SANDHILL UNIT 2
 DATE 1-26-99
 LAS VEGAS VALLEY WATER DISTRICT

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S 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.

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

Call you Overhead
 1-800-593-8111
 OVERHEAD SERVICE (OS)

SHEET 4 OF 16 SHEETS
 DRAWING NO. 107Y-4566-2
 PROJECT NO. 020-8001
 SCALE: N/A
 DATE: 05-20-98
 DESIGNED BY: RCP
 CHECKED BY: JWB
 DRAWN BY: RCP
 TITLE: Washington & Sandhill - Unit 2
 QUANTITIES AND SCHEDULES
 HELLER DEVELOPMENT COMPANIES
 CALIFORNIA * NEVADA
 8453 Reseda Boulevard Northridge, CA 91324 (818) 27-2656
 ORION ENGINEERING AND SURVEYING, INC.
 3068 E. SUNSET ROAD, SUITE 9 LAS VEGAS, NEVADA 89120 (702) 739-5921 FAX (702) 739-5929
 REV. DATE BY REVISION

QUANTITY ESTIMATE

NO.	DESCRIPTION	UNIT	QTY	PRICE	PRICE
SHEET DRAWING					
1	PLAN SHEET	SQ	100	100	0
2	ELEVATION SHEET	SQ	100	100	0
3	SECTION SHEET	SQ	100	100	0
4	1" X 1/2" SHEET	SQ	100	100	0
5	2" X 1/2" SHEET	SQ	100	100	0
6	3" X 1/2" SHEET	SQ	100	100	0
7	4" X 1/2" SHEET	SQ	100	100	0
8	5" X 1/2" SHEET	SQ	100	100	0
9	6" X 1/2" SHEET	SQ	100	100	0
INTER DRAWING					
10	CAD DRAWING	SQ	100	100	0
11	2" X 1/2" SHEET	SQ	100	100	0
12	3" X 1/2" SHEET	SQ	100	100	0
13	4" X 1/2" SHEET	SQ	100	100	0
14	5" X 1/2" SHEET	SQ	100	100	0
15	6" X 1/2" SHEET	SQ	100	100	0
16	7" X 1/2" SHEET	SQ	100	100	0
17	8" X 1/2" SHEET	SQ	100	100	0
18	9" X 1/2" SHEET	SQ	100	100	0
19	10" X 1/2" SHEET	SQ	100	100	0
BOOK DRAWING (PUBLIC)					
20	CAD DRAWING	SQ	100	100	0
21	1" X 1/2" SHEET	SQ	100	100	0
22	2" X 1/2" SHEET	SQ	100	100	0

MANUAL SCHEDULE

SPECIES	GROUP	TYPE	NO.	NO. IN GROUP	NO. IN GROUP	NO. IN GROUP	NO. IN GROUP	NO. IN GROUP
WOOD	GROUP 1	TYPE 1	NO.	NO.	NO.	NO.	NO.	NO.
WOOD	GROUP 2	TYPE 2	NO.	NO.	NO.	NO.	NO.	NO.
WOOD	GROUP 3	TYPE 3	NO.	NO.	NO.	NO.	NO.	NO.
WOOD	GROUP 4	TYPE 4	NO.	NO.	NO.	NO.	NO.	NO.
WOOD	GROUP 5	TYPE 5	NO.	NO.	NO.	NO.	NO.	NO.
WOOD	GROUP 6	TYPE 6	NO.	NO.	NO.	NO.	NO.	NO.
WOOD	GROUP 7	TYPE 7	NO.	NO.	NO.	NO.	NO.	NO.
WOOD	GROUP 8	TYPE 8	NO.	NO.	NO.	NO.	NO.	NO.
WOOD	GROUP 9	TYPE 9	NO.	NO.	NO.	NO.	NO.	NO.
WOOD	GROUP 10	TYPE 10	NO.	NO.	NO.	NO.	NO.	NO.

DISCLAIMER NOTE

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CHAIRMAN: _____

SECRETARY: _____

DATE: _____

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