MANHOLE SCHEDULE

M.H.#	SIZE	TYPE	STATION	OFFSET	INV. (N)	INV (S)	INV (E)	INV (W)	STREET NAME
1	48"	TYPE 1	14+64.30	5'-R	2402.70	2402.90			ROBINS ROOST ST
2	48"	TYPE 1	10+11.00	5'-R	2407.10			2407.30	ROBINS ROOST ST
3	48"	TYPE 1	23+06.93	5'-R			2411.80	2412.00	FALCONWING AVE
4	48"	TYPE 1	20+20.74	5'-R			2418.20	2418.40	FALCONWING AVE
5	48"	TYPE 1	13+80.00	5'-R	2408.22	2408.42			HAWK HAVEN ST
6	48"	TYPE 1	10+56.00	5'-R	2410.50				HAWK HAVEN ST
7	48"	TYPE 1	13+07.35	5'-R	2413.44	2413.64			EAGLE CREST ST
8	48"	TYPE 1	10+56.00	5'-R	2415.21				EAGLE CREST ST
18	48"	TYPE 1	13+70.00	5'-R	2418.50	2418.50			TEALWOOD ST
19	48"	TYPE 1	10+05.00	5'-R	2421.90		2421.70	2421.90	TEALWOOD ST
203	48"	TYPE 1	29+21.12	5'-L	2398.27			2398.43	EAGLE TALON WAY
204	48"	TYPE 1	27+46.62	5'-L		2400.94	2400.74	2400.94	EAGLE TALON WAY
205	48"	TYPE 1	25+82.07	5'-L			2403.89	2404.09	EAGLE TALON WAY
205A	48"	TYPE 1	24+71.65	5'-L		2406.05	2405.85	2405.85	EAGLE TALON WAY
206	48"	TYPE 1	22+47.72	5'-L			2409.45	2409.65	EAGLE TALON WAY
206A	48"	TYPE 1	21+19.21	5'-L		2410.37	2410.17	2410.37	EAGLE TALON WAY
207	48"	TYPE 1	19+17.83	5'-L	2415.56	2415.56	2415.36	2415.56	EAGLE TALON WAY

EARTHWORK QUANTITIES

CUT - 25667 CY
FILL - 27848 CY

CONSTRUCTION NOTES AND ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	QUANTITY	PUBLIC	PRIVATE
1	CONSTRUCT 2" MIN. AC OVER 4" TYPE II AB OVER 6" TYPE I AB	SY	10,173	10 *	10,173
2	CONSTRUCT 30" ROLL TYPE CURB ONLY PER STD DWG NO. 217	LF	5017		5017
3	CONSTRUCT "L" TYPE CURB AND GUTTER PER STD DWG NO. 120	LF	353	353	
4	CONSTRUCT SIDEWALK PER STD DWG NO. 119	SF	1587 *	1587	
5	CONSTRUCT SIDEWALK RAMP PER STD DWG NO. 235, CASE I	EA.	6	6	
6	CONSTRUCT CROSS GUTTER PER STD DWG NO. 122	SF.	1500	1500	
7	INSTALL 100 W. H.P.S. STREET LIGHT PER STD DWG NO. 205 & 209 (PUBLIC)	EA.	22	22	
8	INSTALL STREET LIGHT SERVICE POINT PER STD DWG NO.212	EA.	1	1	
9					
10	INSTALL 1 1/4" PVC STREET LIGHT CONDUIT	EA.	3800	3800	
11	INSTALL NO. 3 1/2 PULLBOX	EA.	3	3	
12	TRANSITION FROM 24" "L" TYPE CURB TO 30" ROLL TYPE CURB DIST. 10'	LF	80	3	
13	CONSTRUCT CMU WALL (PRE CITY OF LAS VEGAS STANDARDS)	LF	4673		4673
14	CONSTRUCT CMU RETAINING WALL (PER CITY OF LAS VEGAS STANDARDS)	LF	1060		1060
15	RELOCATE ST. LIGHT	EA	1	1	
16					
17					
18					
19					
	SEWER				
20	INSTALL 48" DIA SEWER MANHOLE PER STD DWG NO. SD-1	EA.	10	10	
21	INSTALL 8" DIA PVC SDR-35 SEWER MAIN	LF	3204	3204	
22	INSTALL 4" SEWER LATERAL PER STD DWG NO. SD-17	LF	2,216	2,216	
23	ADJUST EX. MAN HOLE TO GRADE	EA.	4	4	
24	REMOVE EX. PLUG AND CONNECT TO EXISTING	EA.	3	3	
25	INSTALL SEWER BACK WATER VALVE PER USD SD-29	EA.	12		12
	WATER				
30	INSTALL 8" WATERLINE (PVC, C-900 CL 150) PER UDS PLT. NO. 6A,6B & 6C	LF	3750	3750	
31	INSTALL FIRE HYDRANT ASSEMBLY- INSTALLATION PER UDS PLATE NO. 7	EA.	7	7	
32	INSTALL 3/4" METER BOX WITH A 1" LATERAL PER UDS PLT. NO. 1A	LF	2093	2093	
33	INSTALL 6"X8" REDUCER	EA.	1	1	
34	INSTALL 8" GATE VALVE PER UDS PLATE NO. 8	EA.	6	6	
35	INSTALL 8" 90° ELBOW	EA.	1	1	
36	INSTALL 8" 45° ELBOW	EA.	2	2	
37	INSTALL 8" X 8" X 8" TEE	EA.	3		
38	CLOSE VALVE, REMOVE CAP AND CONNECT TO EXIST. WATERLINE	EA.	3	3	
39	INSTALL 8" 11 1/4° ELBOW	EA.	2	2	
40	INSTALL 8"X8" MECHANICAL JOINT AND TAPPING SLEEVE AND VALVE	EA.	2	2	
	TRAFFIC				
50	INSTALL R1-2 SIGN	EA.	8	8	
51	INSTALL 6" STREET NAME SIGN (D-3)	EA.	10	10	
52	INSTALL "NO PARKING BEYOND THIS POINT" SIGN	EA.	3	3	
53					
54					
55					

*NOTE: EAGLE TALON WAY AND TEALWOOD ST. HAVE BEEN BONDED FOR UNDER A DIFFERENT PLAN SET NORTHERN LIGHTS UNIT 4 PLAN No. 107Y-4460-4 AND ELKHORN SPRINGS PHASE II PLAN NO. 107Y-4299-2

QUANTITIES SHOWN ARE FOR PERMIT PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN ESTIMATE FOR BIDDING AND SHALL BID A COMPLETE JOB. CONTRACTOR SHALL ADVISE OWNER AND ENGINEER OF ANY APPARENT DISCREPANCIES IN ESTIMATE.

NO.	DATE	BY	APP'D	REVISION DESCRIPTION

STATE OF NEVADA — RICHARD T. CHAMBERS — No. 6962 — PROFESSIONAL ENGINEER — 10/9/97

RHODES ENGINEERING SERVICES
LAND PLANNING • ENGINEERING • SURVEYING
4630 SOUTH ARVILLE, SUITE A
LAS VEGAS, NEVADA 89103
(702) 873-5338

TITLE: EAGLE HEIGHTS AT ELKHORN SPRINGS
PROJECT: QUANTITY AND SCHEDULES SHEET

JOB NO:
DWG NO: EGLEQTYS
SCALE: 1"=1'
DATE: 7/21/97
DESIGN BY: D.I.V.
SHT NO.: C4
4 OF 15 SHEETS

97-015

6962

107Y-4533

L:\sdskpro\ELKHORN\DWG\EGLEQTYS Thu Oct 09 15:37:46 1997 Ron

MANHOLE SCHEDULE

MH #	SIZE	TYPE	STATION	OFFSET	INV. IN	INV. IN	INV. IN	INV. OUT	STREET NAME
1	48"	TYPE 1	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
2	48"	TYPE 1	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
3	48"	TYPE 1	[illegible]	[illegible]			[illegible]	[illegible]	[illegible] AVE
4	48"	TYPE 1	[illegible]	[illegible]			[illegible]	[illegible]	[illegible] AVE
5	48"	TYPE 1	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
6	48"	TYPE 1	[illegible]	[illegible]	[illegible]				[illegible]
7	48"	TYPE 1	[illegible]	[illegible]	[illegible]	[illegible]			EAGLE [illegible] ST
8	48"	TYPE 1	[illegible]	[illegible]	[illegible]				EAGLE [illegible]
[illegible]	48"	TYPE 1	[illegible]	[illegible]	[illegible]	[illegible]			[illegible] ST
[illegible]	48"	TYPE 1	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible] ST
[illegible]	48"	TYPE 1	[illegible]	[illegible]	[illegible]			[illegible]	EAGLE TALON WAY
[illegible]	48"	TYPE 1	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	EAGLE TALON WAY
[illegible]	48"	TYPE 1	[illegible]	[illegible]			[illegible]	[illegible]	EAGLE TALON WAY
[illegible]	48"	TYPE 1	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	EAGLE TALON WAY
[illegible]	48"	TYPE 1	[illegible]	[illegible]			[illegible]	[illegible]	EAGLE TALON WAY
[illegible]	48"	TYPE 1	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	EAGLE TALON WAY
[illegible]	48"	TYPE 1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	EAGLE TALON WAY

EARTHWORK QUANTITIES

CUT – 25887 CY
FILL – 27649 CY

CONSTRUCTION NOTES AND ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	QUANTITY	PUBLIC	PRIVATE
1	[illegible]	SF	[illegible]	[illegible]	[illegible]
2	[illegible]	LF	[illegible]		[illegible]
3	[illegible]	LF	[illegible]	[illegible]	
4	[illegible]	SF	[illegible]	[illegible]	
5	[illegible]	EA	[illegible]	[illegible]	
6	[illegible]	LF	[illegible]	[illegible]	
7	[illegible]	EA	[illegible]	[illegible]	
8	INSTALL [illegible]	EA	1	1	
9					
10	INSTALL [illegible] STREET LIGHT [illegible]	EA	[illegible]	[illegible]	
11	INSTALL [illegible]	EA	3	3	
12	[illegible]	LF	[illegible]	[illegible]	
13	[illegible]	LF	[illegible]		[illegible]
14	[illegible]	LF	[illegible]		[illegible]
15	RELOCATE [illegible] LIGHT	EA	1	1	
16					
17					
18					
19					
	SEWER				
[illegible]	[illegible]	EA	[illegible]	[illegible]	
[illegible]	[illegible]	LF	[illegible]	[illegible]	
[illegible]	[illegible]	LF	[illegible]	[illegible]	
[illegible]	[illegible]	EA	[illegible]	[illegible]	
[illegible]	[illegible]	EA	[illegible]	[illegible]	
[illegible]	[illegible]	EA	[illegible]		[illegible]
	WATER				
[illegible]	[illegible]	LF	[illegible]	[illegible]	
[illegible]	[illegible]	EA	7	7	
[illegible]	[illegible]	LF	[illegible]	[illegible]	
[illegible]	INSTALL [illegible]	EA	1	1	
[illegible]	[illegible]	EA	[illegible]	[illegible]	
[illegible]	INSTALL [illegible]	EA	1	1	
[illegible]	INSTALL [illegible]	EA	[illegible]	[illegible]	
[illegible]	INSTALL [illegible]	EA	[illegible]		
[illegible]	[illegible]	EA	[illegible]	[illegible]	
[illegible]	INSTALL [illegible]	EA	[illegible]	[illegible]	
[illegible]	INSTALL [illegible]	EA	[illegible]	[illegible]	
	TRAFFIC				
[illegible]	[illegible]	EA	[illegible]	[illegible]	
[illegible]	INSTALL [illegible]	EA	[illegible]	[illegible]	
[illegible]	INSTALL [illegible]	EA	[illegible]	[illegible]	
[illegible]					
[illegible]					
[illegible]					

[illegible]

NOTE: EAGLE TALON WAY AND [illegible] OFFSITE PLAN BY NORTHSTAR LIGHTS UNIT 4 PLAN No. 1077-4460-4 AND ELKHORN SPRINGS PHASE III PLAN No. 1077-4259-2.

[illegible] ENGINEERING SERVICES

EAGLE HEIGHTS AT ELKHORN SPRINGS

QUANTITY AND SCHEDULES SHEET

SHT NO. C4