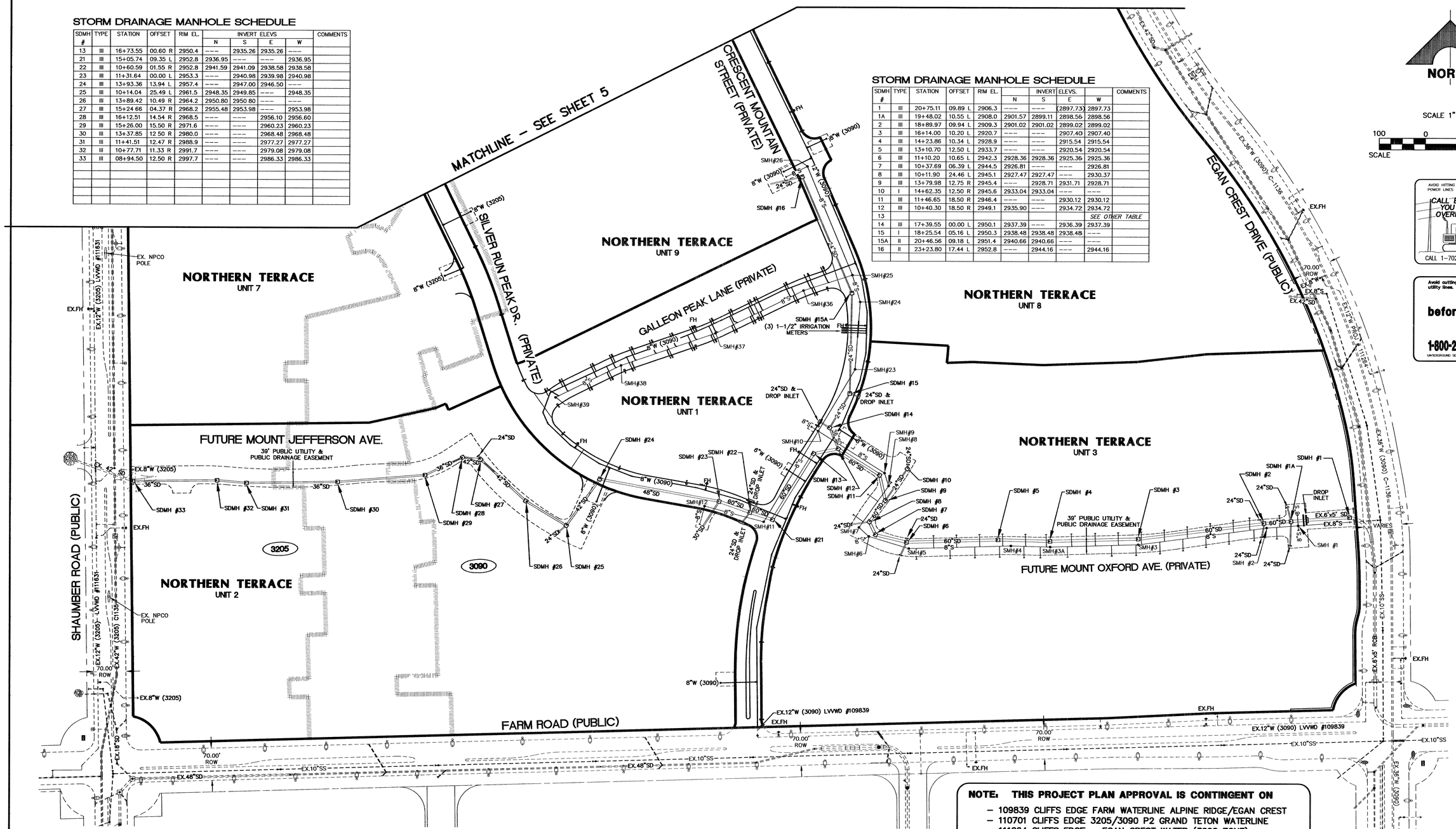
STORM DRAINAGE MANHOLE SCHEDULE

SDMH #	TYPE	STATION	OFFSET	RIM EL.	INVERT ELEVS N	INVERT ELEVS S	INVERT ELEVS E	INVERT ELEVS W	COMMENTS
13	III	16+73.55	00.60 R	2950.4	---	2935.26	2935.26	---	
21	III	15+05.74	09.35 L	2952.8	2936.95	---	---	2936.95	
22	III	10+60.59	01.55 R	2952.8	2941.59	2941.09	2938.58	2938.58	
23	III	11+31.64	00.00 L	2953.3	---	2940.98	2939.98	2940.98	
24	III	13+93.36	13.94 L	2957.4	---	2947.00	2946.50	---	
25	III	10+14.04	25.49 L	2961.5	2948.35	2949.85	---	2948.35	
26	III	13+89.42	10.49 R	2964.2	2950.80	2950 80	---	---	
27	III	15+24 66	04.37 R	2968.2	2955.48	2953.98	---	2953.98	
28	III	16+12.51	14.54 R	2968.5	---	---	2956.10	2956.60	
29	III	15+26.00	15.50 R	2971.6	---	---	2960.23	2960.23	
30	III	13+37.85	12 50 R	2980.0	---	---	2968.48	2968.48	
31	III	11+41.51	12.47 R	2988.9	---	---	2977.27	2977.27	
32	III	10+77.71	11.33 R	2991.7	---	---	2979.08	2979.08	
33	III	08+94.50	12.50 R	2997.7	---	---	2986.33	2986.33	



STORM DRAINAGE MANHOLE SCHEDULE

SDMH #	TYPE	STATION	OFFSET	RIM EL.	INVERT ELEVS. N	INVERT ELEVS. S	INVERT ELEVS. E	INVERT ELEVS. W	COMMENTS
1	III	20+75.11	09.89 L	2906.3	----	----	(2897.73)	2897.73	
1A	III	19+48.02	10.55 L	2908.0	2901.57	2899.11	2898.56	2898.56	
2	III	18+89.97	09.94 L	2909.3	2901.02	2901.02	2899.02	2899.02	
3	III	16+14.00	10.20 L	2920.7	----	----	2907.40	2907.40	
4	III	14+23.86	10.34 L	2928.9	----	----	2915.54	2915.54	
5	III	13+10.70	12.50 L	2933.7	----	----	2920.54	2920.54	
6	III	11+10.20	10.65 L	2942.3	2928.36	2928.36	2925.36	2925.36	
7	III	10+37.69	06.39 L	2944.5	2926.81	----	----	2926.81	
8	III	10+11.90	24.46 L	2945.1	2927.47	2927.47	----	2930.37	
9	III	13+79.98	12.75 R	2945.4	----	2928.71	2931.71	2928.71	
10	I	14+62.35	12.50 R	2945.6	2933.04	2933.04	----	----	
11	III	11+46.65	18.50 R	2946.4	----	----	2930.12	2930.12	
12	III	10+40.30	18.50 R	2949.1	2935.90	----	2934.72	2934.72	
13								SEE OTHER TABLE	
14	III	17+39.55	00.00 L	2950.1	2937.39	----	2936.39	2937.39	
15	I	18+25.54	05.16 L	2950.3	2938.48	2938.48	2938.48	----	
15A	II	20+46.56	09.18 L	2951.4	2940.66	2940.66	----	----	
16	II	23+23.80	17.44 L	2952.8	----	2944.16	----	2944.16	

NORTH

SCALE 1" =100'

100 0 100 200
SCALE FEET

AVOID HITTING OVERHEAD POWER LINES IT'S COSTLY
CALL BEFORE YOU DO OVERHEAD
CALL 1-702-593-6111

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

SEWER MANHOLE SCHEDULE

SMH #	TYPE	STATION	OFFSET	RIM EL.	INVERT ELEVS. N	INVERT ELEVS. S	INVERT ELEVS. E	INVERT ELEVS. W	COMMENTS
1	SD-1	19+62.78	00.00 L	2908.2	2894.34	2894.34	2893.96	2894.34	
2	SD-1	18+94.18	00.00 L	2909.4	----	----	2897.39	2897.59	
3	SD-1	16+13.44	02.29 R	2920.9	----	----	2911 92	2912.12	
3A	SD-1	14+23.86	02.16 R	2929.0	----	----	2920.04	2920.24	
4	SD-1	13+38.35	01.05 R	2932.7	----	----	2923.61	2923.81	
5	SD-1	11+16.78	02.68 R	2942.2	----	----	2933.09	2933.29	
6	SD-1	10+26.61	03.63 R	2944 6	----	2935.05	2934.85	2935.05	
7	SD-1	09+98.25	02.72 L	2945.2	2935.50	----	2935.30	----	
8	SD-1	14+09.13	00.80 L	2945.8	2936.25	2936.05	----	2936.25	
9	SD-1	11+53.49	09.17 R	2946 3	----	----	2937 41	2937.61	
10	SD-1	09+82.61	09.17 R	2949.7	2941.45	2941.45	2941.25	2941.45	

THIS PLAN IS FOR OVER-ALL PROJECT REVIEW AND INFORMATIONAL PURPOSES ONLY. SEE INDIVIDUAL PLAN AND PROFILE SHEETS, CONSTRUCTION DETAILS, AND LATERAL PROFILES FOR CONSTRUCTION INFORMATION
85378 & 89249

SEWER MANHOLE SCHEDULE

SMH #	TYPE	STATION	OFFSET	RIM EL.	INVERT ELEVS. N	INVERT ELEVS. S	INVERT ELEVS. E	INVERT ELEVS. W	COMMENTS
11	SD-1	14+94.32	25.18 L	2952.7	2944.62	----	----	2944.82	
12	SD-1	11+60.15	17.85 L	2953.1	----	2945.68	2945.48	----	
13	SD-1	12+55.91	00.00 L	2961.2	----	----	2953.17	2953.37	DELETED, SMH'S 13 TO 22 (FUTURE JEFFERSON AVE) TO BE BUILT W/ UNIT 2)
14	SD-1	14+08.67	00.49 L	2964.9	----	----	2956.93	2957.13	
15	SD-1	15+60.79	11.14 L	2966.7	2961.00	----	2960.80	2961.00	
16	SD-1	15+42.01	00.98 R	2971.2	----	----	2963.26	2963.46	
17	SD-1	14+81.99	00.11 R	2973.8	----	----	2965.78	2965.98	
18	SD-1	13+37.85	00.11 R	2980.3	----	----	2972.26	2972.46	
19	SD-1	11+40.65	00.10 L	2986.1	----	----	2981.13	2981.33	
20	SD-1	10+78.92	00.15 L	2991.9	----	----	2983.95	2984.15	
21	SD-1	10+08.00	00.08 L	2994.5	----	2985.94	2985.74	2985.94	
22	SD-1	09+12.37	00.08 L	2996.8	----	----	2988.78	----	
23	SD-1	18+78.18	01.03 R	2950.7	2942.43	2942.23	----	----	
24	SD-1	20+24.37	05.33 R	2951.4	2943.36	2943.16	----	----	
25	SD-1	20+84.44	01.03 R	2951.8	2943.86	2943.66	----	2943.86	
26	SD-1	23+39.58	02.09 R	2953.2	----	2945.24	----	2945.44	
36	SD-1	16+53.94	06.17 R	2952.2	----	----	2944.42	2944.62	
37	SD-1	14+41.12	07.61 R	2955.3	----	----	2946.67	2946.87	
38	SD-1	12+24.52	04.76 R	2961.9	----	----	2952.87	2953.07	
39	SD-1	10+65.46	02.15 R	2964.0	----	----	2955.39	----	

SEWER AVERAGE DAILY FLOWS =
26 LOTS X 250 GPD/ERU = 6500 GPD
(0.007 MGPD)

SEWER PEAK FLOWS = 0.02 MGPD

FIRE FLOW CALCULATIONS

- FIRE FLOW REQUIREMENT IS 1,500 GALLONS PER MINUTE AT 20 psi.
- SQUARE FOOTAGE: < 3,600 SF
- LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: N/A
- BUILDING HEIGHT: 35 FEET MAX.
- NUMBER OF STORIES: 2
- TYPE OF CONSTRUCTION: V-NR
- OCCUPANCY: SINGLE FAMILY
- FULL AUTOMATIC FIRE SPRINKLER SYSTEM: NO

BASIS OF BEARINGS

N 88°21'18" E BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 13, T19S, R59E, M.D.M., AS SHOWN BY RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE IN FILE 124 OF SURVEYS AT PAGE 94.

BENCHMARK

DESC.		NAVD 88 DATUM	NAVD 88 DATUM
BLV99 13E4	RIVET AND PLATE IN CONCRETE CYLINDER AT THE NORTHWEST CORNER OF HUALAPAI WAY AND FARM ROAD.	2860.79 (FEET)	871.971 (METERS)

NOTE: THIS PROJECT PLAN APPROVAL IS CONTINGENT ON

- 109839 CLIFFS EDGE FARM WATERLINE ALPINE RIDGE/EGAN CREST
- 110701 CLIFFS EDGE 3205/3090 P2 GRAND TETON WATERLINE
- 111264 CLIFFS EDGE – EGAN CREST WATER (3090 ZONE)
- 111631 CLIFFS EDGE SHAUMBER 3205 – PHASE 1

PLAN APPROVAL

Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
AND
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

APPROVED FOR CONSTRUCTION
CITY OF LAS VEGAS FIRE DEPARTMENT — DATE 11/14/05

APPROVAL: LVVWD PROJ. NO. 111501
LAS VEGAS VALLEY WATER DISTRICT — DATE 3-22-06

CLV DRAWING NO. 10744891-1

DATE: 9/8/05

REV.	DATE	DESCRIPTION	DATE	AGEN. APP.	DATE	CONV. APP.

DESIGN:
DRAWN:
CHECK:
ISSUE DATE:
ISSUE EDITOR:
PLOT DATE: 11-14-05
PLOT TIME: 10:53:55

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
TEL: 702-804-2000 • FAX: (702) 804-2828
I:\Northern Terrace\Unit1\dwg\mpa\MTUdp006.dwg

MERITAGE HOMES
NORTHERN TERRACE - UNIT 1
MASTER UTILITY PLAN II

JOB NO. 819.002.X08

DRAWING C-6
6 OF 39 SHTS