

MANHOLE SCHEDULE

M.H.#	I.D.	TYPE	STATION	OFFSET	N. INV. EL.	S. INV. EL.	W. INV. EL.	E. INV. EL.	COMMENTS
1	48"	STANDARD	13+88.16	5.00' RT	2644.13 (NW)				
2	48"	STANDARD	12+68.87	5.00' RT	2643.41 (NW)	2643.41 (SE)		2643.21 (NE)	
3	48"	STANDARD	11+15.06	5.00' RT	2645.42 (NW)	2645.22 (SE)	2645.42 (SW)		
4	48"	STANDARD	10+10.00	5.00' RT		2649.62 (SE)			
5	48"	STANDARD	10+10.00	10.00' RT		2651.01 (SE)			
6	48"	STANDARD	11+15.06	10.00' RT	2646.81 (NW)	2646.81 (SE)		2646.61 (NE)	
7	48"	STANDARD	13+86.16	10.00' RT	2648.44 (NW)				
8	48"	STANDARD	14+65.61	5.00' RT	2651.33 (SE)				
9	48"	STANDARD	18+18.52	9.86' RT	2643.93 (NW)	2643.73 (SE)			
10	48"	STANDARD	18+88.56	6.62' LT	2641.53 (NW)			2641.33	
11	48"	STANDARD	21+79.41	4.09' RT	2633.73 (NE)		2633.93		
12	48"	STANDARD	22+03.60	8.67' RT	2633.23	2633.43 (SW)			
13	48"	STANDARD	13+34.67	5.00' RT	2630.73	2630.93	2630.93		
14	48"	STANDARD	15+16.97	5.00' RT		2629.12	2629.12	2629.02	
15	48"	STANDARD	16+54.61	5.00' RT		2629.63	2635.63	2635.43	
16	48"	STANDARD	15+61.29	10.00' RT	2638.13 (NW)			2637.93	
17	48"	STANDARD	14+70.51	5.00' RT		2640.43 (SE)			
18	48"	STANDARD	10+22.88	5.00' LT	2637.43			2637.63	
19	48"	STANDARD	3+17.11		2639.63				
20	48"	STANDARD	16+02.04	1.04' RT	2637.33	2637.33	2637.33	2637.13	
21	48"	STANDARD	1+00		2640.03				
22	48"	STANDARD	1+61.93			2638.20	2638.00		
23	48"	STANDARD	2+32.38		2638.62				
24	48"	STANDARD	1+62.92		2634.43				

SHEET #

DESCRIPTION

- 1 COVER SHEET
- 2 VICINITY MAP, MANHOLE SCHEDULE, SHEET INDEX AND QUANTITIES
- 3 GENERAL NOTES
- 4 MASTER UTILITY AND STREETLIGHT PLAN - 1
- 5 MASTER UTILITY AND STREETLIGHT PLAN - 2
- 6 MASTER UTILITY AND STREETLIGHT PLAN - 3
- 7 MASTER UTILITY AND STREETLIGHT PLAN - 4
- 8 GRADING PLAN - 1
- 9 GRADING PLAN - 2
- 10 GRADING PLAN - 3
- 11 GRADING PLAN - 4
- 12 RETAINING WALL PLAN - 1
- 13 RETAINING WALL PLAN - 2
- 14 PLAN AND PROFILE - STARLING WING WAY AND WHISTLING LANE
- 15 PLAN AND PROFILE - SPOONBILL RIDGE WAY AND WHISTLING LANE
- 16 PLAN AND PROFILE - SPOONBILL RIDGE WAY
- 17 PLAN AND PROFILE - FINCH FEATHER STREET
- 18 PLAN AND PROFILE - HUMMING LANE AND NESTLED COURT
- 19 PLAN AND PROFILE - PRIVATE DRIVES FOR LOTS 17-21, 104-109, 114-117 AND 79-81
- 20 PLAN AND PROFILE - 8' x 4' ARCH CULVERT
- 21 PLAN AND PROFILE - 24' HDPE STORM DRAIN
- 22 PLAN AND PROFILE - RACEL STREET
- 23 PLAN AND PROFILE - ACKERMAN AVENUE
- 24 DETAILS AND SECTIONS
- 25 DETAILS AND SECTIONS
- 25A HORIZONTAL CONTROL PLAN - 1
- 25B HORIZONTAL CONTROL PLAN - 2

STRUCTURAL INDEX

(NOT A PART OF THIS SET)

- SO.1 GENERAL STRUCTURAL NOTES
- SI.1 PLAN VIEW
- SI.2 ENLARGED PLAN VIEWS
- S2.1 ELEVATIONS
- S3.1 SECTIONS
- S3.2 SECTIONS

ESTIMATED QUANTITIES

PRIVATE

GENERAL	
2" ASPHALT PAVING	11,502 SY
TYPE II AGGREGATE BASE	3,517 CY
30" ROLL CURB AND GUTTER	5,744 LF
CROSS GUTTER	3,408 SF
3" VALLEY GUTTER	49 LF
TYPE 'A' CURB	79

SANITARY SEWER	
4" PVC SEWER LATERAL	9044 LF
4" C-900 SENER LATERAL	28 LF
4" SEWER CLEAN-OUT	13 EA

STORM DRAIN	
2" HIGH SOLID GROUDED STEM WALL	590 LF
SOLID GROUDED PROPERTY WALL - 2 COURSES	1200 LF
SOLID GROUDED RIP-RAP - D50-1.0'	53 SY

PUBLIC

GENERAL	
3" ASPHALT PAVING	2,579 SY
TYPE II AGGREGATE BASE	874 CY
1" TYPE CURB AND GUTTER	959 LF
8" CROSS GUTTER	1,577 SF
4" CONCRETE SIDEWALK	4,790 SF
150 WATT STREETLIGHT	1 EA
NO. 3 1/2 PULLBOX	1 EA
2" STREETLIGHT CONDUIT	210 LF

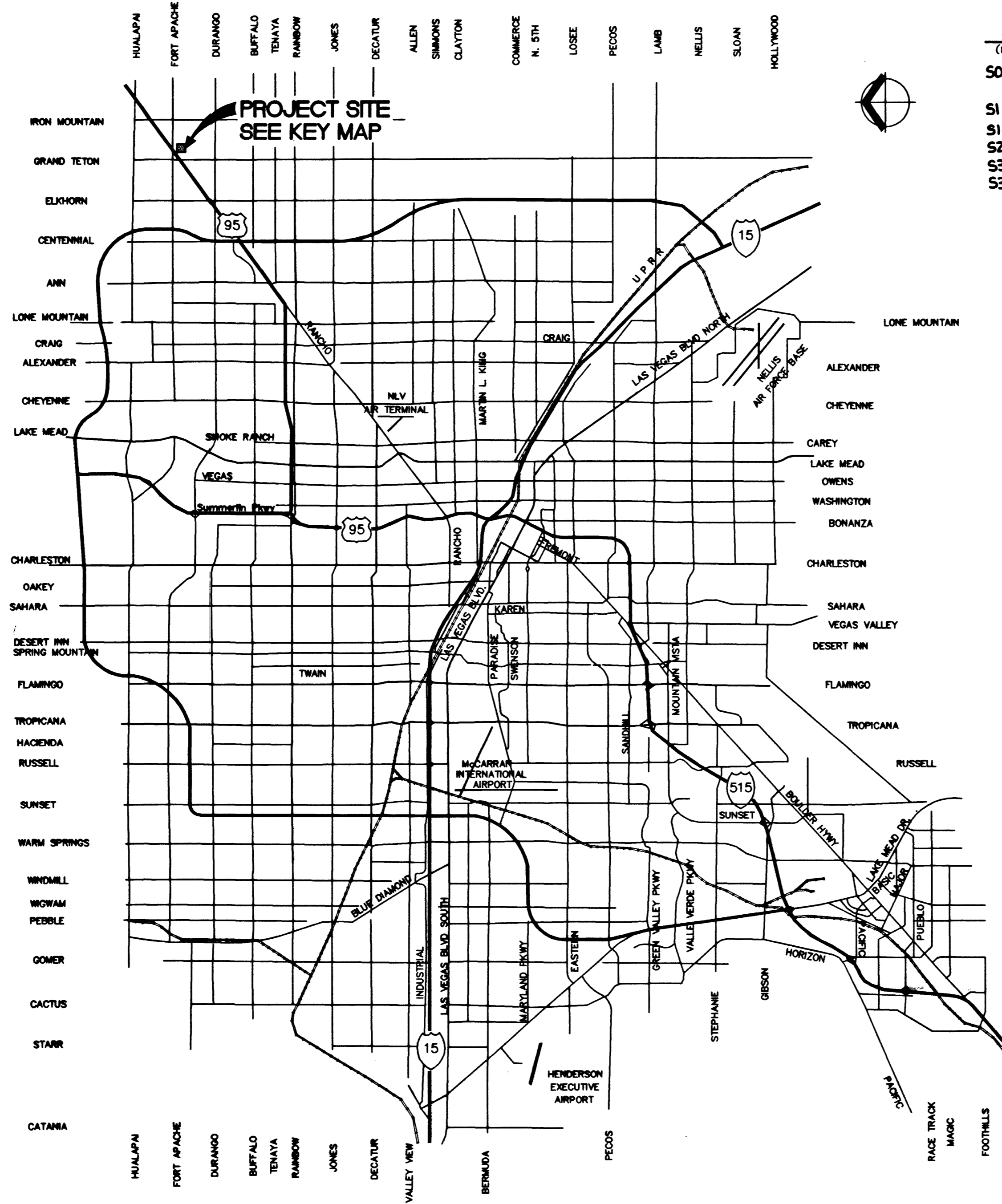
SANITARY SEWER	
48" STANDARD MANHOLE	18 EA
8" PVC SEWER	3,057 LF

WATER

8" PVC WATERLINE	3,222 LF
8" DIP WATERLINE	114 LF
8" TEE	6 EA
8" x 10" MECHANICAL JOINT TAPPING TEE	2 EA
& 8" TAPPING VALVE	
8" GATE VALVE	8 EA
8" 22 1/2" BEND	4 EA
8" 45" BEND	4 EA
8" 90" BEND	1 EA
8" TO 6" REDUCER	3 EA
1" SERVICE SADDLE	156 EA
1 1/2" SERVICE SADDLE	1 LF
1" COPPER SERVICE	156 LF
1 1/2" COPPER SERVICE	1 LF
5/8" WATER METER	156 EA
FIRE HYDRANT ASSEMBLY	8 EA
1 1/2" IRRIGATION METER W/ 1 1/2" R.P.P.A.	1 EA

STORM DRAIN

60" TYPE III MANHOLE	3 EA
3" TYPE DM2 DROP INLET	3 EA
4" TYPE DM2 DROP INLET	1 EA
JENSEN (#2436SDI-48) 24"x36" DROP INLET	1 EA
W/ 2 - JENSEN (#2346-R12) 12" EXTENSIONS	
48" ACCESS MANHOLE FOR ARCH CULVERT	2 EA
10' x 4' ARCH CULVERT	534 LF
42" HDPE STORM DRAIN	409 LF
18" HDPE STORM DRAIN	91 LF
2" HIGH SOLID GROUDED STEM WALL	580 LF
SOLID GROUDED RIP-RAP - D50-1.0'	53 SY



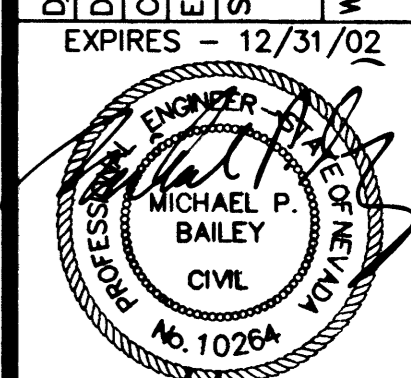
VICINITY MAP

N.T.S.

SHEET INDEX

VICINITY MAP, SHEET INDEX AND QUANTITIES
SPRING MOUNTAIN RANCH UNIT 91

DATE: 10/03/02
 DESIGNED: JTC / RAS
 CHECKED: JGP
 ENGINEER: MPB
 SCALE: NONE
 HORIZ: NONE
 VERT: NONE
 MRG PROJECT NO: RAH-2602



EXPIRES: 12/31/02
 SHEET TITLE: VICINITY MAP
 SHEET NUMBER: 2 OF 25
 CLV DRAWING NO. 1074-4518-91

APPROVED FOR CONSTRUCTION
 LAS VEGAS VALLEY WATER DISTRICT
 DATE: 10/15/02

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