

SUMMARY OF HEC-1 MODEL
(AREA A)

BASIN OR LOC.	Q10 (CFS)	Q100 (CFS)
A1	62	118
A2A	3	7
A2B	5	9
CA1	68	130
X	47	89
A7	17	32
A8	17	34
A9	11	21
CA2	156	299
CH1	3	6
A10AW	2	5
A10B	4	8
CA4N	161	310
A5	24	46
A6	3	5
A13	3	5
CA4C	29	55
A11	7	15
A14	15	29
A15	18	35
A16	10	19
A17	1	2
A18	14	27
A19	10	23
CA3	69	142
A20	3	6
A21AW	3	6
A21B	5	10
CA4S	80	160
CA4	267	514
A22	22	42
A23	8	15
A21AE	3	7
A36	2	3
A24	1	3
A25A	4	13
CA5	302	584
DC1	183	231
A10AE	3	6
A30A	2	4
A30B	2	4
A28-9	30	57
A25B	3	6
A31	2	4
A27	3	7
A26	21	47
CA6	281	299
A32	3	5
CH2	6	10
A33	2	5
CA7	28	54
PT.A	244	349
A34	8	16
A35	10	17

SUMMARY OF HEC-1 MODEL
(AREA B)

BASIN OR LOC.	Q10 (CFS)	Q100 (CFS)
B1	66	126
B2	3	5
B3	3	5
CB1	70	135
B4	4	8
B5	33	68
CB2	102	203
B6	5	10
B7	5	10
B8	3	7
CB3	109	219
B11	61	116
B12	8	22
D.IN	172	345
D.OUT	154	177
B9	5	9
B10	4	8
CB4	163	182
B13A	9	15
B13B	5	9
B14	3	6
B15	6	10
B16	5	9
CB5	189	222
B17	7	13
B18A	44	85
CB6	237	315
B18B	43	81
B19	7	17
CB7	285	406
B20	8	15
B20I	1	2
B21	13	25
B22A	2	5
B23	9	18
B22B	1	2
B24	10	20
CB8	315	466
B25	8	23
B34A	4	7
B26	5	10
CB9S	9	18
CB9	325	489
B28	3	7
CB10W	324	490
B30	31	58
B31	4	9
B32	33	64

SUMMARY OF HEC-1 MODEL
(AREA B)

BASIN OR LOC.	Q10 (CFS)	Q100 (CFS)
B33	7	14
B34B	6	11
CB11	79	151
SA1	27	53
CB11E	52	98
B35	17	35
B36	3	7
CB12	69	133
B37	18	41
B38	4	7
CB13	87	176
B39	13	28
B40	4	7
CB10S	98	198
B27	22	50
B29	4	8
CB10	445	730
B42	1	4
CB15	442	729
B43	4	7
B44	14	30
B45	13	28
H3	11	19
PT.BN	40	82
PT.B	476	795

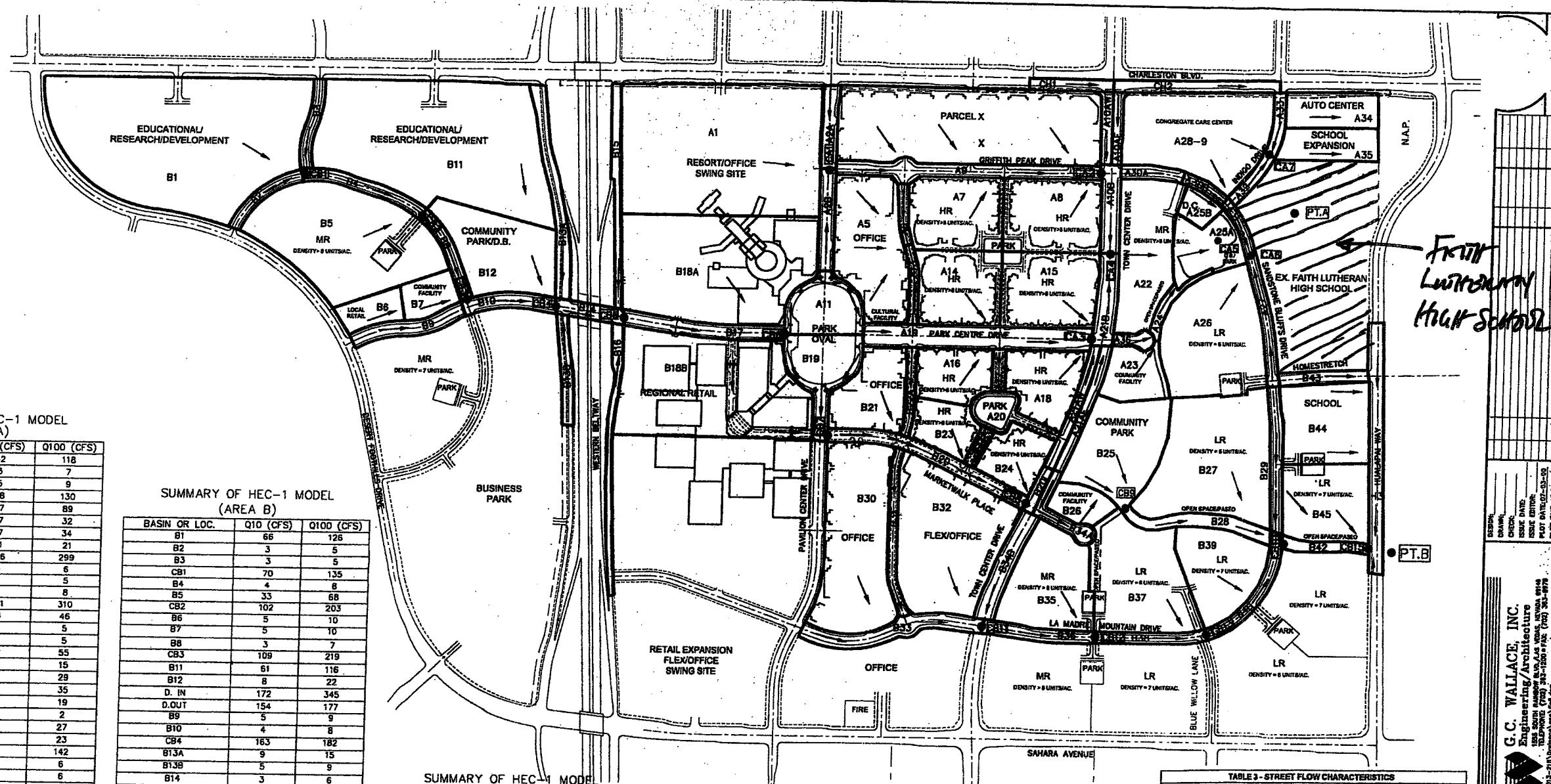


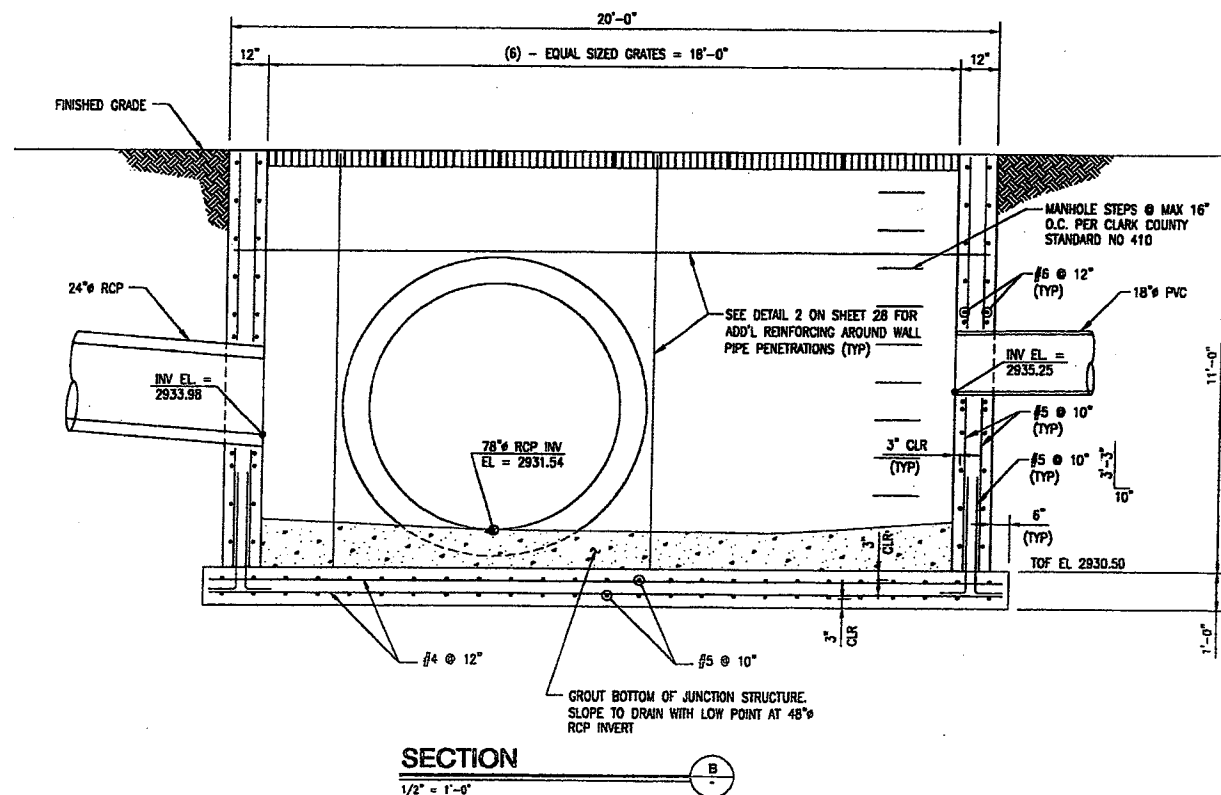
TABLE 3 - STREET FLOW CHARACTERISTICS

Street	Width (ft)	Slope (%)	Q ₁₀ (cfs)	Depth (ft)	Velocity (fps)	V ₁₀
Town Center Dr - east (Griffith Peak)	85	0.43	5	0.50	1.83	0.9
Town Center Dr - west (Griffith Peak)	85	0.43	11	0.66	1.88	1.1
Town Center Dr - northeast (low point)	85	0.43	4	0.47	1.74	0.8
Town Center Dr - northwest (low point)	85	0.43	5	0.50	1.83	0.9
Town Center Dr - south (low point)	85	0.61	10	0.48	2.09	1.0
Town Center Dr - east (Park Centre)	85	0.61	7	0.54	2	1.1
Town Center Dr - west (Park Centre)	85	0.61	13	0.66	2	1.3
Town Center Dr (Marketway)	85	0.50	2	0.39	1.57	0.8
Town Center Dr - east (La Madra Mt)	85	0.50	5.5	0.51	1.80	1.0
Town Center Dr - west (La Madra Mt)	85	0.50	7.5	0.58	1.78	1.0
Town Center Dr (Sahara)	85	2.15	8	0.40	3.32	1.3

- LEGEND
- B2 DRAINAGE SUBBASIN
 - PT.B CONCENTRATION POINT
 - SUBBASIN BOUNDARY
 - FLOW DIRECTION

SUMMERLIN VILLAGE 13
TOWN CENTER DRIVE
FIGURE 6
DEVELOPED DRAINAGE MAP
SHEET
SHT OF SHTS

G.C. WALLACE, INC.
Engineering/Architecture
100 South Main Street, Suite 100, San Jose, CA 95128
Tel: (408) 281-1111 Fax: (408) 281-1112
G. WALLACE, INC. is a member of the Wallace Group

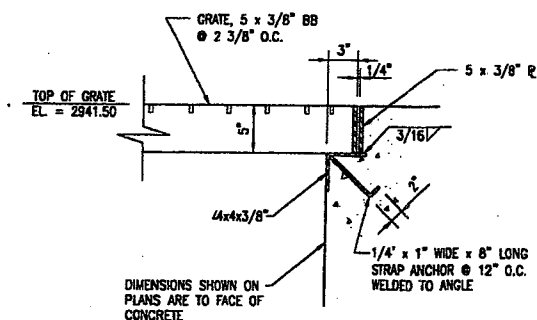


CONCRETE: ALL CONCRETE SHALL BE CLASS D WITH A MINIMUM ULTIMATE COMPRESSIVE STRENGTH $f'_c = 3000 \text{ psi}$ AT 28 DAYS. ALL CONCRETE SHALL BE MADE USING TYPE V CEMENT. ALL EXPOSED CORNERS SHALL BE BEVELED $3/4"$ UNLESS OTHERWISE NOTED.

BEDDING MATERIAL: BEDDING MATERIAL SHALL BE 6" OF CLARK COUNTY TYPE II AGGREGATE. THE BEDDING LAYER SHALL BE COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY AS ESTABLISHED BY ASTM TEST METHOD D-1557.

REINFORCING STEEL: ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60. DIMENSIONS RELATING TO BAR SPACING ARE CENTER TO CENTER. BENDING DIMENSIONS ARE FROM OUT TO OUT OF BARS. MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED. HOOKS MAY BE ROTATED OR TILTED, AS NECESSARY, TO PROVIDE PROPER CLEARANCES

EXISTING UTILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES WITHIN THE WORK AREA, AND PROVIDING PROTECTION FOR THE VARIOUS UTILITIES AFFECTED, BEFORE PROCEEDING WITH THE WORK.



NOTE:

1. CURB ANGLE SHALL BE SAME MAT'L AS GRATING
2. MITER, WELD AND GRIND SMOOTH ANGLES AT ALL CORNERS.
3. ATTACH GRATING W/SSTL CLIPS

DETAIL
NO SCALE



DESIGN: EGG
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G.C. WALLACE, INC.
Engineering/Architecture
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA
TELEPHONE: (702) 894-3000 • FAX: (702) 804-
2201 • Telex: Wallace Structural V13TCA-50777 dem

SUMMERLIN
VILLAGE 13 TOWN CENTER DRIVE IMPROVEMENT PLANS
STORM DRAIN DROP INLET DETAIL

SHEET
27
27 OF 31 SHTS