

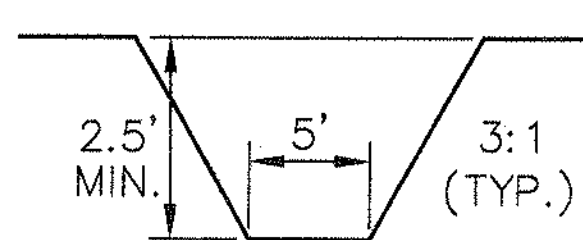
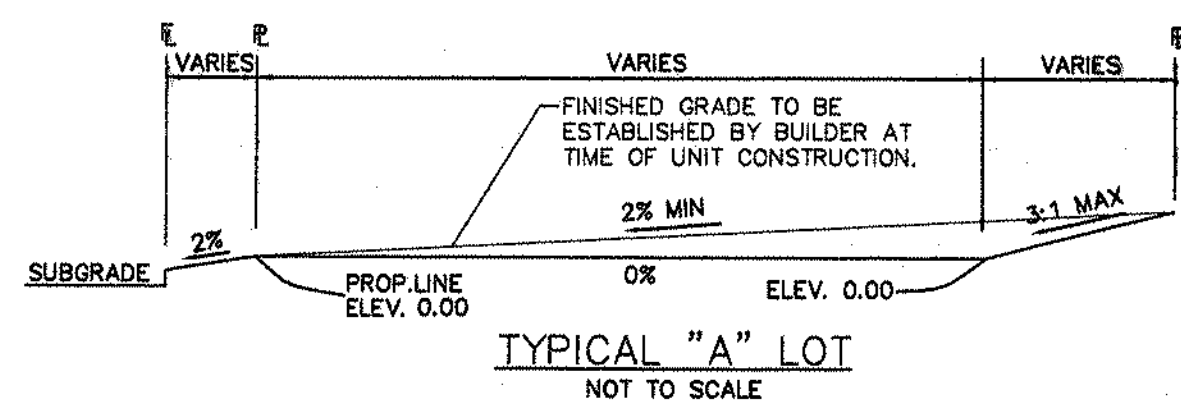
VICINITY MAP:
N.T.S.

SUB-BASIN DATA SUMMARY
INTERIM CONDITIONS

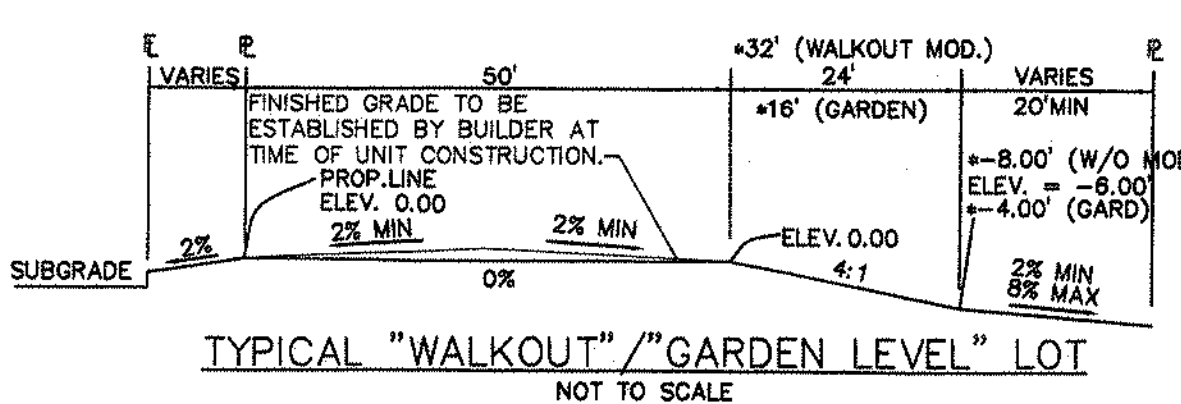
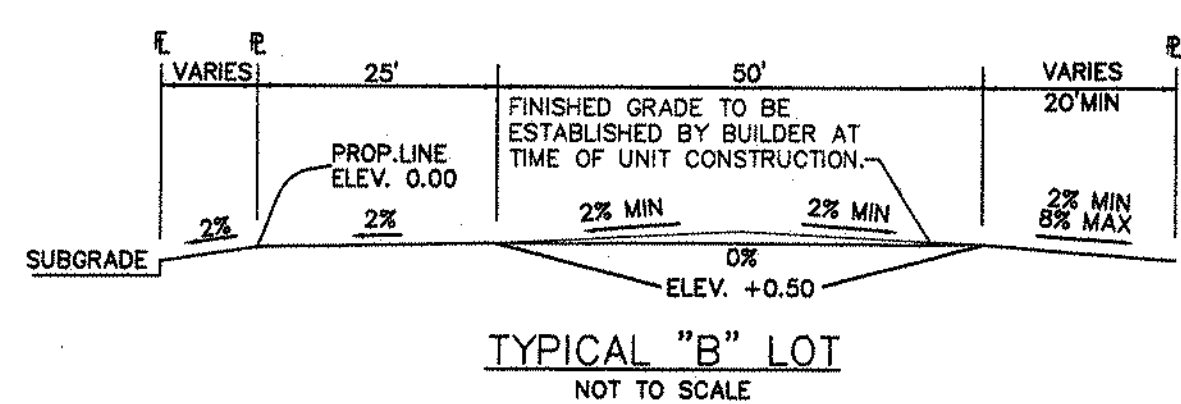
BASIN ID	AREA (AC)	PEAK RUNOFF Q(5) (CFS)	PEAK RUNOFF Q(100) (CFS)
C11	48.56	5.8	41.6
C12	32.28	25.7	77.8
C13	14.57	13.2	39.0
C14	12.17	4.8	19.8
C15	11.13	9.8	29.8
C16	16.02	29.2	84.0
C17	23.97	33.3	80.2
C18	30.25	54.4	119.7
C19	22.85	13.4	46.7
A1	116.46	13.5	96.2
A2	70.40	9.5	67.8
A3	84.48	11.9	82.8
P11	32.97	4.3	30.5
P12	65.93	9.4	63.2
P13	18.66	2.9	20.1
P14	59.42	45.8	141.2
P15	63.23	71.5	189.3
P16	131.71	14.3	102.5
P17	123.76	24.1	151.0
P18	134.35	14.5	103.4
P19	88.2	8.0	66.5
P19a	32.35	9.1	42.8
P110	73.16	8.6	61.3

SUB-BASIN DATA SUMMARY
INTERIM CONDITIONS

DESIGN POINT	PEAK RUNOFF Q(5) (CFS)	PEAK RUNOFF Q(100) (CFS)
C1	28.0	97.3
C2	38.7	130.8
C3	42.8	150.1
C4	51.8	178.4
C5	74.9	227.2
C6	107.2	303.4
C8	182.7	507.3
DPA	27.4	225.6
P1	9.4	74.2
P2	80.8	288.8
P3	52.4	240.5
P4	38.0	244.9
P5	45.7	304.2



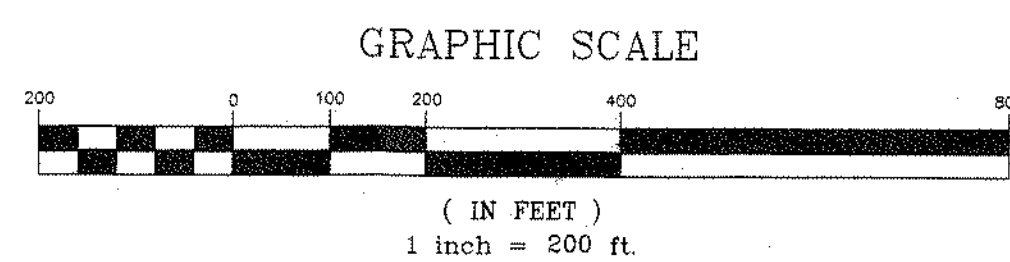
SECTION A - A
N.T.S.



LEGEND

- 6520 PROPOSED CONTOUR
- 6520 EXISTING CONTOUR
- PROPOSED STORM DRAIN PIPE
- EXISTING STORM DRAIN PIPE
- DRAINAGE CHANNEL
- PROPOSED D-10-R INLET
- PROPOSED TYPE I OR II MANHOLE
- PROPOSED FLOW DIRECTION ARROW
- DESIGN POINT
- DESIGN SEGMENT
- BASIN DESIGNATION
- "C" COEFFICIENT (100 YR)
- BASIN AREA (ACRES)
- FILING LIMITS
- DRAINAGE SUB-BASIN BOUNDARY
- MAJOR DRAINAGE BASIN BOUNDARY
- "A" LOT GRADING, SEE DETAIL
- "B" LOT GRADING, SEE DETAIL
- "W" LOT GRADING, SEE DETAIL
- "G" LOT GRADING, SEE DETAIL

GATE HOUSE VILLAGE AT BRIARGATE FILING 12



NO.	DATE	DESCRIPTION	BY
REVISIONS			
BENCHMARK DATA(ELEV.)			6975.68
(DATUM) ASSUMED			
(DESCRIPTION/LOCATION) OF BRIARGATE PKWY AND BRAINARD DR			

NAME: S:\03.104.015\dwg\ Prelim\STRM-DRAIN\DP04.dwg
 PLOT DATE: Nov 09, 2004 3:42pm

Matrix Design Group, Inc.
 Integrated Design Solutions 2925 Professional Place, Suite 202
 Colorado Springs, CO 80904
 Phone 719-575-0100
 Fax 719-575-0208

CORDERA FILING NO. 1

DRAINAGE REPORT

INTERIM DRAINAGE MAP
 FILING NO. 1 INFRASTRUCTURE

DESIGNED BY: RGG	SCALE: 1"=200'	DATE ISSUED: NOV. 2003
DRAWN BY: BPK	HORIZ: N/A	SHEET NO. 4 OF 4 SHEETS
CHECKED BY:	VERT: N/A	

FOR AND ON BEHALF OF
 MATRIX DESIGN GROUP, INC.

DP04