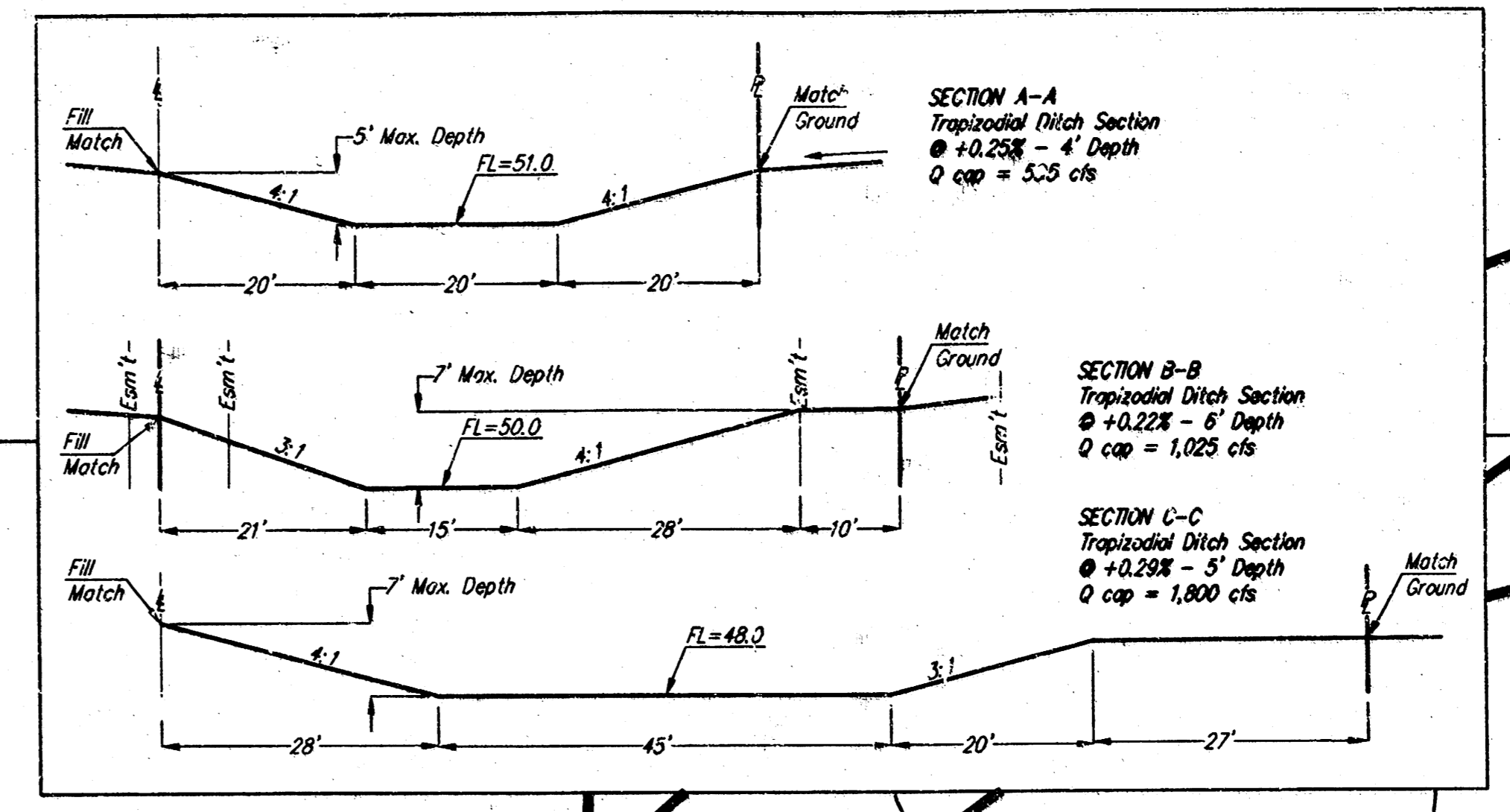
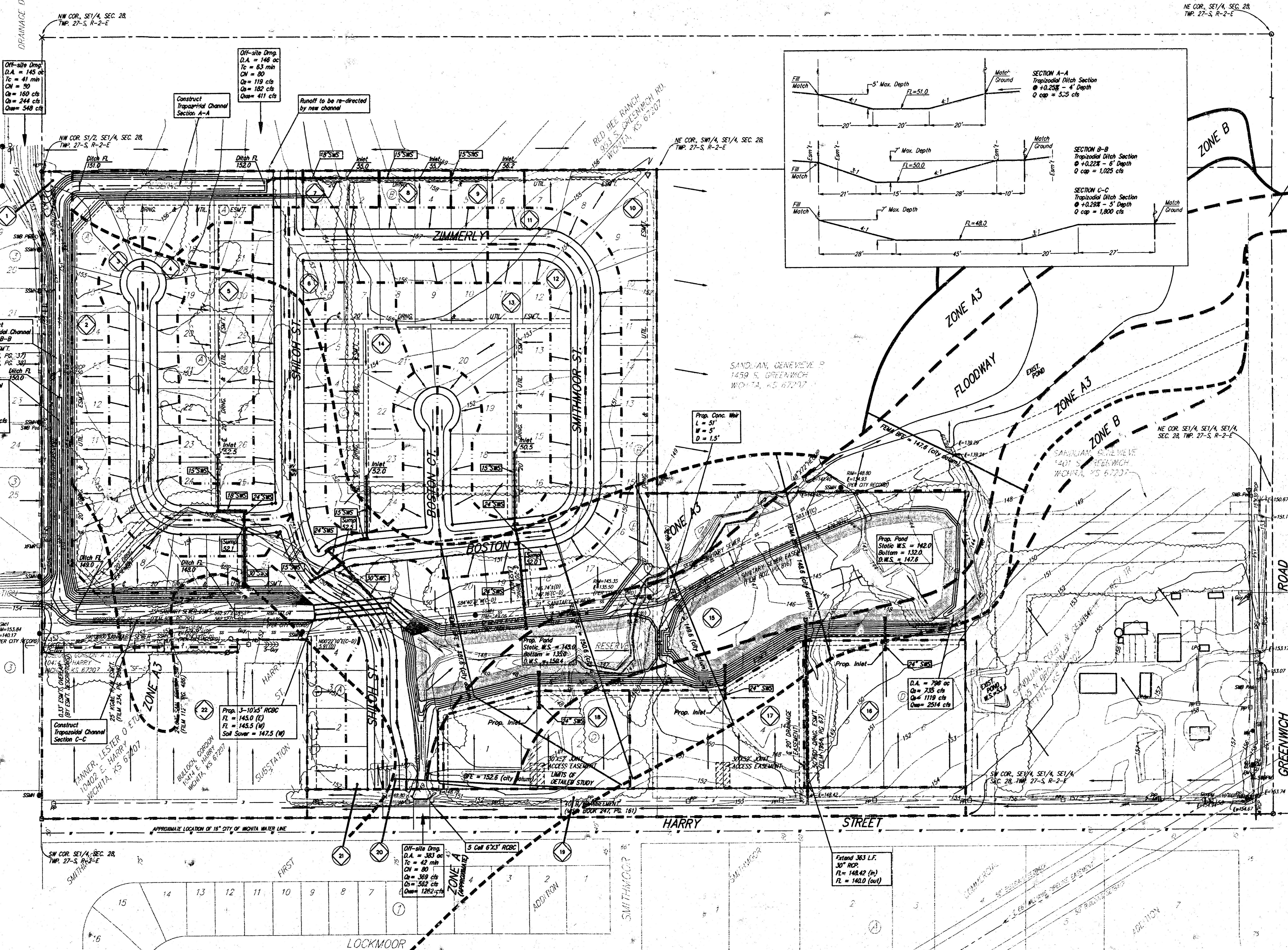


DRAINAGE PLAN CRYSTAL CREEK ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

Crystal Creek Addition - Rational Method - Q = cfs - tc = 15 min.

Basin	Area	C ₁	C ₂	C ₃	Q ₁ (cfs)	Q ₂ (cfs)	Q ₃ (cfs)
1	3.55	0.46	0.50	0.73	6.3	8.1	19.1
2	3.43	0.46	0.50	0.73	6.0	7.8	18.5
3	1.58	0.46	0.50	0.73	2.7	3.6	9.4
4	2.42	0.46	0.50	0.73	4.3	5.5	13.0
5	1.80	0.46	0.50	0.73	3.3	4.3	10.2
6	3.37	0.46	0.50	0.73	5.9	7.7	18.1
7	0.28	0.46	0.50	0.73	0.5	0.6	1.5
8	0.27	0.46	0.50	0.73	0.5	0.6	1.5
9	0.28	0.46	0.50	0.73	0.5	0.6	1.5
10	1.67	0.46	0.50	0.73	2.9	3.8	9.0
11	2.01	0.46	0.50	0.73	3.5	4.6	10.8
12	2.00	0.46	0.50	0.73	3.5	4.6	10.8
13	2.36	0.46	0.50	0.73	4.2	5.4	12.8
14	1.87	0.46	0.50	0.73	3.3	4.3	10.1
15	9.47	0.46	0.50	0.73	16.7	21.6	50.9
16	2.40	0.67	0.70	0.83	6.2	7.7	14.7
17	1.91	0.67	0.70	0.83	4.9	6.1	11.7
18	1.72	0.67	0.70	0.83	4.4	5.5	10.5
19	1.95	0.46	0.50	0.73	3.1	4.4	10.5
20	0.64	0.46	0.50	0.73	1.1	1.5	3.4
21	0.82	0.46	0.50	0.73	1.4	1.9	4.4
22	4.88	0.46	0.50	0.73	8.2	10.7	25.2



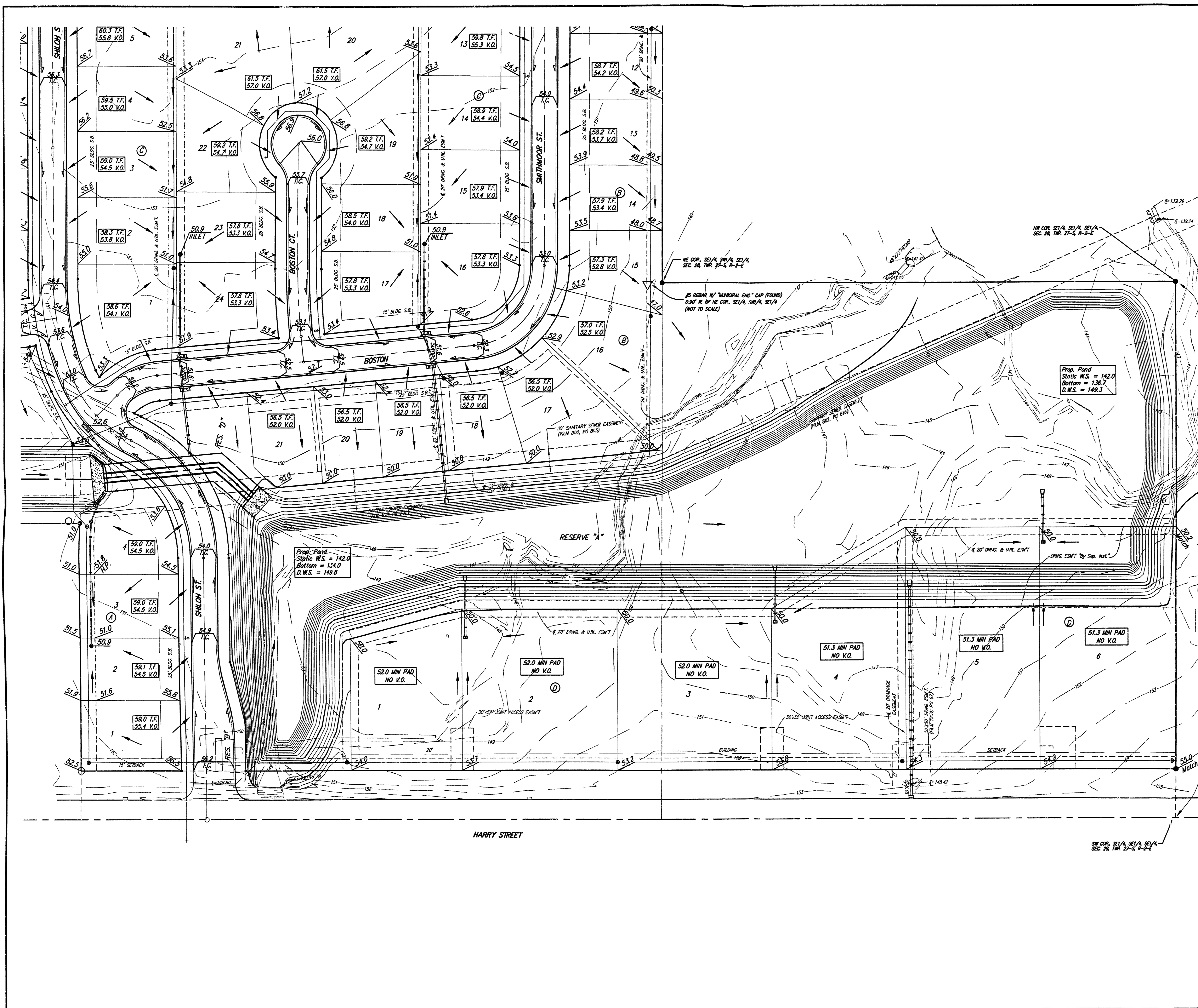
DATE OF PREPARATION: APRIL 28, 2003

REMARKS:
CON Benchmark 400' north of Harry on Todd Street,
nearest corner of RBCE.
Elevation = 152.24 City Datum (1341.64 NGVD29)

MINIMUM BUILDING PAD ELEVATIONS FOR
LOWEST ORIGIN TO THE STRUCTURES

LOT	BLOCK	ELEVATION CITY DATUM
1-5	A	156.0
11-16	A	156.0
24,25	A	157.0
14-21	B	152.0
1-5	D	155.0

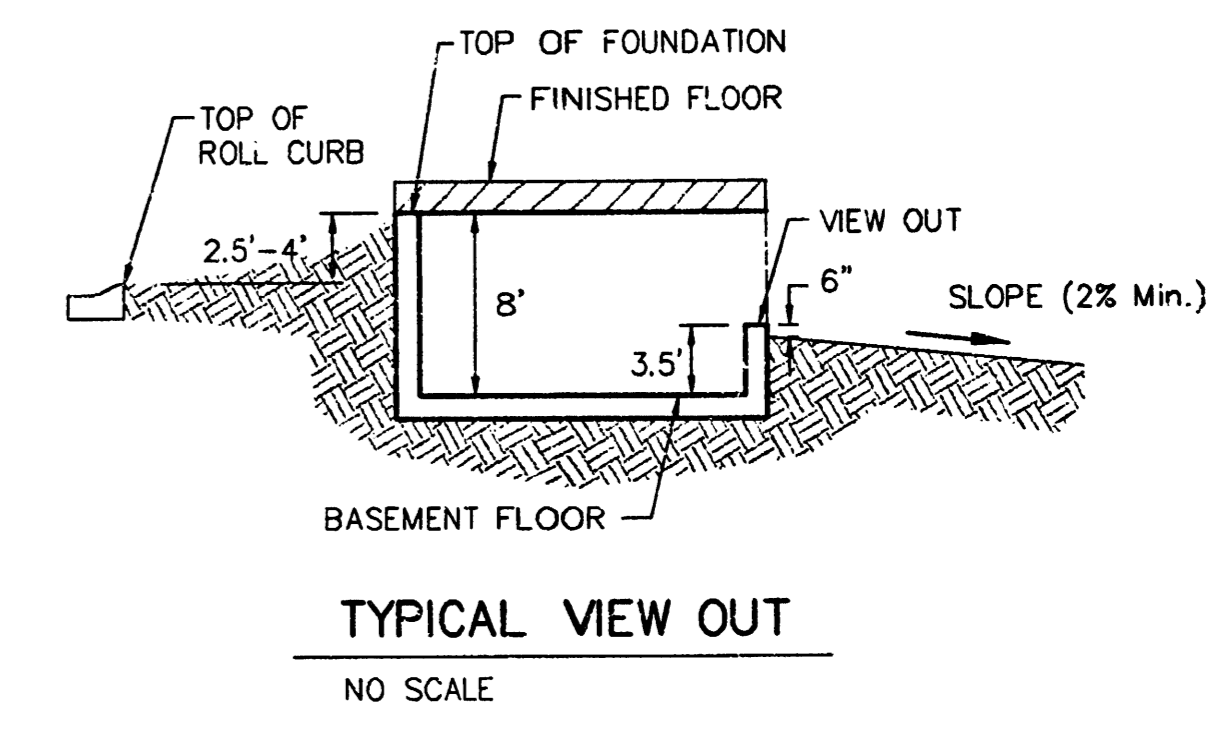
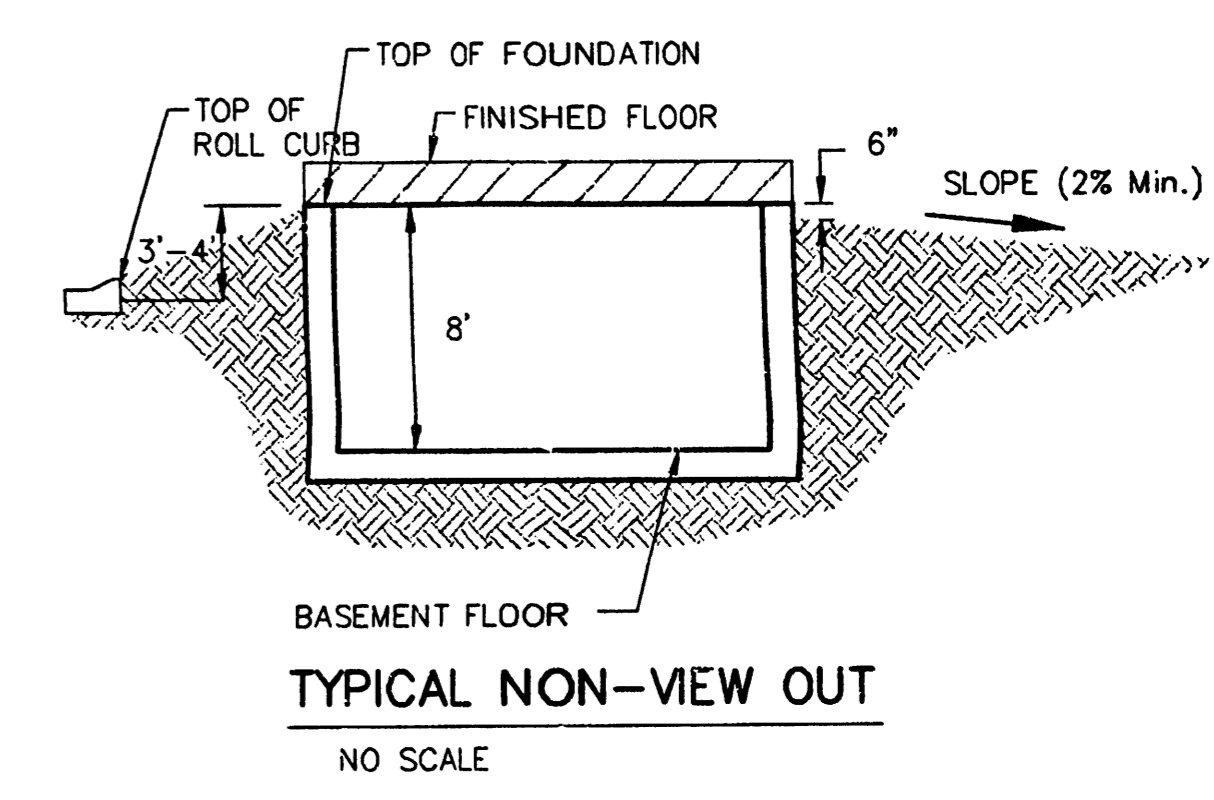
- #4 REBAR W/ 'BAUGHMAN' CAP (SET)
- 3/4" FINCHED IRON (FOUND)
- 1" FINCHED IRON (FOUND)
- 1 1/2" IRON IN THIMBLE (FOUND)
- #5 REBAR W/ 'MUNICIPAL ENG.' CAP (FOUND)
- CROSS ON FENCE POST FOOTING (FOUND)
- 7/8" IRON W/ 'BAUGHMAN' CAP (SET)
- IN SW COR. OF CONC. FENCE POST FOOTING



BENCHMARK:
 COW Benchmark 400± north of Harry on Todd Street, northeast corner of RCBC.
 Elevation = 157.34 City Datum (1344.64 NGVD29)

LOT	BLOCK	ELEVATION	
		CITY DATUM	FEET
4	A	154.5	
5	A	154.5	
6	A	154.5	
7	A	155.2	
8	A	155.8	
9	A	156.0	
10	A	157.5	
11	A	158.0	
12	A	158.2	
13	A	158.4	
14	A	158.8	
15	A	158.8	
16	A	159.0	
17, 18, 32	A	159.2	
15-21	B	152.0	
1-3	D	152.0	
4-6	D	151.3	

SCALE: 1" = 60'
 • = Iron



Notes:
 Proposed Top of Foundation Elevations Are Shown On Plans.
 Contractor to Set Finished Floor Elevations.
 All Street Elevations Shown on Plans Are for Top of Curb.
 This Grading Plan is Designed with View-Outs.
 Elevations Shown at Rear of House (X.L.X V.O.)
 Lot dimensions have been omitted on this plan, refer to the recorded plat for this information.
 * -- Extra Deep Foundation May Be Required

CRYSTAL CREEK ADDITION
MASTER GRADING PLAN
 CITY OF WICHITA, KANSAS

BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING
 316-262-7277 • 315 ELLIS • WICHITA, KANSAS 67211

DESIGN SCL	DRAWN SCL	APPROVED SCL	DATE 05/11/04	SCALE 1"=60'	SHEET 2 OF 2
PROJECT NUMBER					