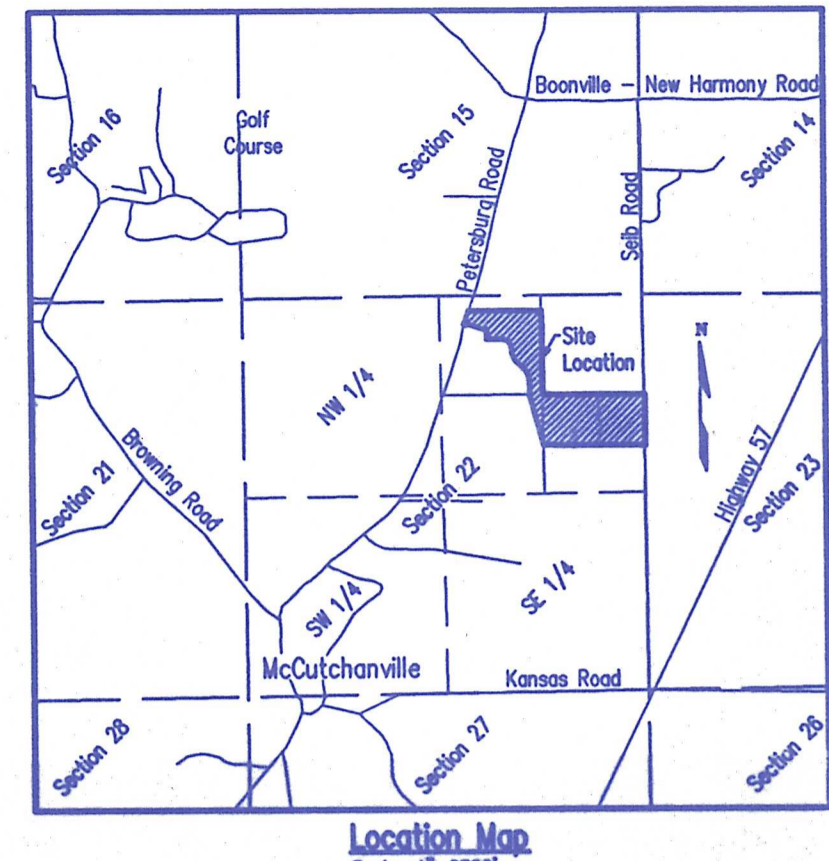
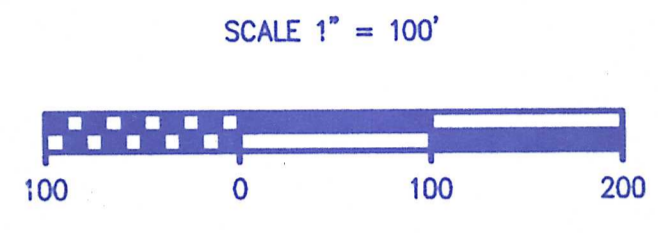
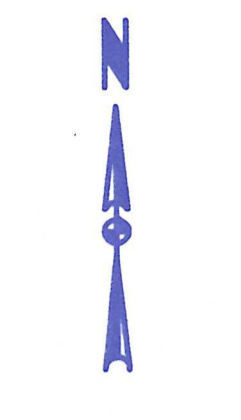
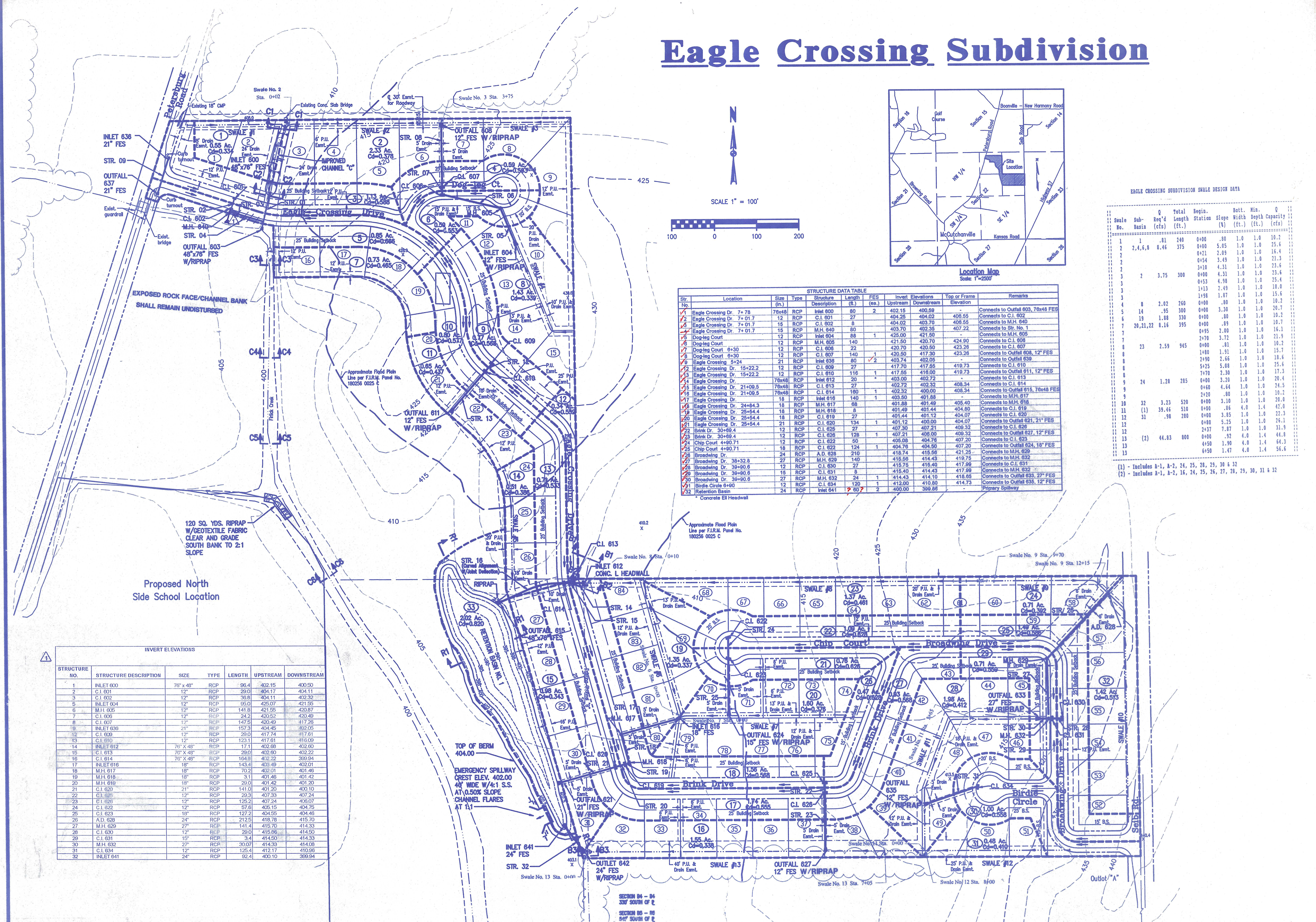


Eagle Crossing Subdivision

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EAGLE CROSSING SUBDIVISION SWALE DESIGN DATA

Swale No.	Sub- Basin	Length (ft.)	Total Length (ft.)	Begin. Station	Slope (%)	Width (ft.)	Depth (ft.)	Capacity (cfs)
1	1	81	240	0+00	.80	1.0	1.0	10.2
2	2,4,6,8	8,46	375	0+00	5.05	1.0	1.0	25.6
3	3	10	10	0+21	2.09	1.0	1.0	16.4
4	4	14	14	0+54	3.49	1.0	1.0	21.1
5	5	19	19	3+10	4.31	1.0	1.0	23.6
6	6	20,21,22	8,16	0+00	4.33	1.0	1.0	23.6
7	7	2	3.75	0+53	4.98	1.0	1.0	25.4
8	8	3	3	1+13	2.49	1.0	1.0	18.0
9	9	4	4	1+58	1.87	1.0	1.0	15.6
10	10	5	5	0+00	8.00	1.0	1.0	10.2
11	11	14	14	0+00	3.30	1.0	1.0	20.7
12	12	19	19	0+00	8.00	1.0	1.0	10.2
13	13	20,21,22	8,16	0+00	8.9	1.0	1.0	10.7
14	14	7	7	0+00	4.33	1.0	1.0	16.1
15	15	8	8	0+53	3.72	1.0	1.0	21.9
16	16	9	9	0+00	8.1	1.0	1.0	10.2
17	17	23	2.59	0+00	1.91	1.0	1.0	15.7
18	18	24	2.59	0+00	2.66	1.0	1.0	18.6
19	19	25	2.59	0+00	5.08	1.0	1.0	25.6
20	20	26	2.59	0+00	7.70	2.30	1.0	17.3
21	21	27	2.59	0+00	3.20	1.0	1.0	20.4
22	22	28	2.59	0+00	4.64	1.0	1.0	24.5
23	23	29	2.59	0+00	8.0	1.0	1.0	10.2
24	24	30	2.59	0+00	3.10	1.0	1.0	20.0
25	25	31	2.59	0+00	8.6	4.0	1.4	47.0
26	26	32	2.59	0+00	3.85	1.0	1.0	22.3
27	27	33	2.59	0+00	5.25	1.0	1.0	26.1
28	28	34	2.59	0+00	7.87	1.0	1.0	31.9
29	29	35	2.59	0+00	5.7	4.0	1.4	41.8
30	30	36	2.59	0+00	1.90	4.0	1.4	64.3
31	31	37	2.59	0+00	1.47	4.0	1.4	56.4

- (1) - Includes 1-1, 1-2, 24, 25, 26, 27, 30, 31 & 32
- (2) - Includes 1-1, 1-2, 16, 24, 25, 26, 27, 28, 29, 30, 31 & 32

Str. No.	Location	Size	Type	Structure Description	Length (ft.)	FES	Invert (ft.)	Elevation (ft.)	Top of Frame (ft.)	Remarks
1	Eagle Crossing Dr. 7+78	76x48	RCP	Inlet 600	80	2	402.15	400.59		Connects to Outfall 603, 76x48 FES
2	Eagle Crossing Dr. 7+01.7	12	RCP	C.I. 601	27		404.25	404.02	405.55	Connects to C.I. 602
3	Eagle Crossing Dr. 7+01.7	12	RCP	C.I. 602	8		404.02	403.70	405.55	Connects to M.H. 600
4	Eagle Crossing Dr. 7+01.7	12	RCP	M.H. 600	80		403.70	402.35	407.22	Connects to Str. No. 1
5	Dogleg Court	12	RCP	Inlet 604	88	1	425.00	421.50		Connects to M.H. 605
6	Dogleg Court	12	RCP	M.H. 605	140		421.50	420.70	424.90	Connects to C.I. 607
7	Dogleg Court 6+30	12	RCP	C.I. 608	22		420.70	420.50	423.28	Connects to C.I. 607
8	Dogleg Court 6+30	12	RCP	C.I. 607	140	1	420.50	417.20	423.28	Connects to Outfall 608, 12" FES
9	Eagle Crossing Dr. 5+24	21	RCP	Inlet 636	80	2	403.74	402.05		Connects to Outfall 639
10	Eagle Crossing Dr. 15+22.2	12	RCP	C.I. 609	27		417.70	417.55	419.73	Connects to C.I. 610
11	Eagle Crossing Dr. 15+22.2	12	RCP	C.I. 610	116	1	417.55	416.00	419.73	Connects to Outfall 611, 12" FES
12	Eagle Crossing Dr. 21+00.5	76x48	RCP	Inlet 612	20		403.00	402.72	408.34	Connects to C.I. 613
13	Eagle Crossing Dr. 21+00.5	76x48	RCP	C.I. 613	27		402.72	402.32	408.34	Connects to C.I. 614
14	Eagle Crossing Dr. 21+00.5	76x48	RCP	C.I. 614	180	1	402.32	400.00	408.34	Connects to Outfall 615, 76x48 FES
15	Eagle Crossing Dr.	18	RCP	Inlet 616	140	1	403.50	401.88		Connects to M.H. 617
16	Eagle Crossing Dr.	18	RCP	M.H. 617	88		401.88	401.49	405.40	Connects to M.H. 618
17	Eagle Crossing Dr. 24+84.3	18	RCP	M.H. 618	8		401.49	401.44	404.80	Connects to C.I. 619
18	Eagle Crossing Dr. 25+54.4	18	RCP	C.I. 618	27		401.44	401.12	404.07	Connects to C.I. 620
19	Eagle Crossing Dr. 25+54.4	21	RCP	C.I. 620	134	1	401.12	400.00	404.07	Connects to Outfall 621, 21" FES
20	Brink Dr. 30+89.4	12	RCP	C.I. 625	27		407.30	407.21	408.32	Connects to C.I. 626
21	Brink Dr. 30+89.4	12	RCP	C.I. 626	128	1	407.21	406.00	408.32	Connects to Outfall 627, 12" FES
22	Chp Court 4+90.71	12	RCP	C.I. 622	50		405.08	404.76	407.20	Connects to C.I. 623
23	Chp Court 4+90.71	18	RCP	C.I. 622	124	1	404.76	404.50	407.20	Connects to Outfall 624, 18" FES
24	Broadview Dr.	24	RCP	A.D. 628	210		418.74	415.58	421.25	Connects to M.H. 629
25	Broadview Dr. 38+32.8	27	RCP	M.H. 629	140		415.58	414.43	419.75	Connects to M.H. 632
26	Broadview Dr. 39+90.8	15	RCP	C.I. 631	8		415.40	414.43	417.99	Connects to C.I. 631
27	Broadview Dr. 39+90.8	27	RCP	M.H. 632	24	1	414.43	414.10	418.65	Connects to Outfall 633, 27" FES
28	Broadview Dr. 39+90.8	12	RCP	C.I. 634	120	1	412.00	410.80	414.73	Connects to Outfall 635, 12" FES
29	Birdie Circle 6+90	24	RCP	Inlet 641	20	2	408.00	399.88		Primary Spillway
30	Retention Basin	24	RCP							Concrete E.I. Headwall

STRUCTURE NO.	STRUCTURE DESCRIPTION	SIZE	TYPE	LENGTH	UPSTREAM	DOWNSTREAM
1	INLET 600	76" x 48"	RCP	96.4	402.15	400.50
2	C.I. 601	12"	RCP	28.0	404.11	404.11
3	C.I. 602	12"	RCP	38.8	404.11	402.32
5	INLET 604	12"	RCP	55.0	425.07	421.50
6	M.H. 605	12"	RCP	141.8	421.55	420.87
7	C.I. 606	12"	RCP	24.2	420.52	420.49
8	C.I. 607	12"	RCP	147.5	423.49	417.28
9	INLET 636	21"	RCP	157.3	404.45	402.05
12	C.I. 609	12"	RCP	29.0	417.74	417.61
13	C.I. 610	12"	RCP	123.1	417.61	416.09
14	INLET 612	76" x 48"	RCP	17.1	402.89	402.82
15	C.I. 613	76" x 48"	RCP	29.0	402.80	402.22
16	C.I. 614	76" x 48"	RCP	164.8	402.22	399.94
17	INLET 616	18"	RCP	143.4	403.49	402.01
18	M.H. 617	18"	RCP	70.2	403.01	401.46
19	M.H. 618	18"	RCP	3.1	401.46	401.42
20	M.H. 619	18"	RCP	29.0	401.42	401.20
21	C.I. 620	21"	RCP	141.0	401.20	400.10
22	C.I. 621	12"	RCP	29.3	407.33	407.24
23	C.I. 622	12"	RCP	128.2	407.24	405.07
24	C.I. 623	12"	RCP	57.6	405.15	404.75
25	C.I. 624	18"	RCP	127.2	404.55	404.46
26	A.D. 628	24"	RCP	212.5	418.78	415.70
27	M.H. 629	27"	RCP	141.4	415.70	414.33
28	C.I. 630	12"	RCP	29.0	415.86	414.50
29	C.I. 631	15"	RCP	3.4	414.50	414.33
30	M.H. 632	27"	RCP	30.07	414.33	414.08
31	C.I. 634	12"	RCP	125.4	413.17	410.36
32	INLET 641	24"	RCP	92.4	400.10	399.84

RECORD DRAWING-STORM SEWERS-6/13/97

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Vertical dimensions on this drawing shall have precedence over horizontal dimensions. The contractor shall verify and be responsible for all dimensions and conditions on the job site. Morley and Associates, Inc. must be notified of any variations from the dimensions and conditions shown by these drawings.

Revisions

No.	Date	Description
1	6/13/97	Storm Sewer Abutts

By: BAS
 Date: 6/13/97

Professional Engineer Seal: DARRYL JAMES HELLFELT, No. 20484, STATE OF INDIANA

Project: EAGLE CROSSING SUBDIVISION

Sheet Title: Drainage Plan

Scale: 1"=100'

Designed By: D.H. Job Number: 3194-1

Drawn By: GAH Date: 12/14/95

Checked By: FLORENCE 3194DRN.DWG

Sheet Number: 12 of 17