

INDEX

SHEET #1	COVER
SHEET #2	SPECIFICATIONS
SHEET #3-4	OVERALL UTILITY PLANS
SHEET #5	OFFSITE WATER PLAN & (SANITARY, & WATER LEGENDS)
SHEET #6-7	STORM SEWER LEGENDS
SHEET #8-9	OVERALL GRADING PLANS
SHEET #10-11	STORM WATER POLLUTION PREVENTION PLANS
SHEET #12-19	PLAN & PROFILE
SHEET #20	INTERSECTION GRADING DETAILS
SHEET #21-23	DETAILS

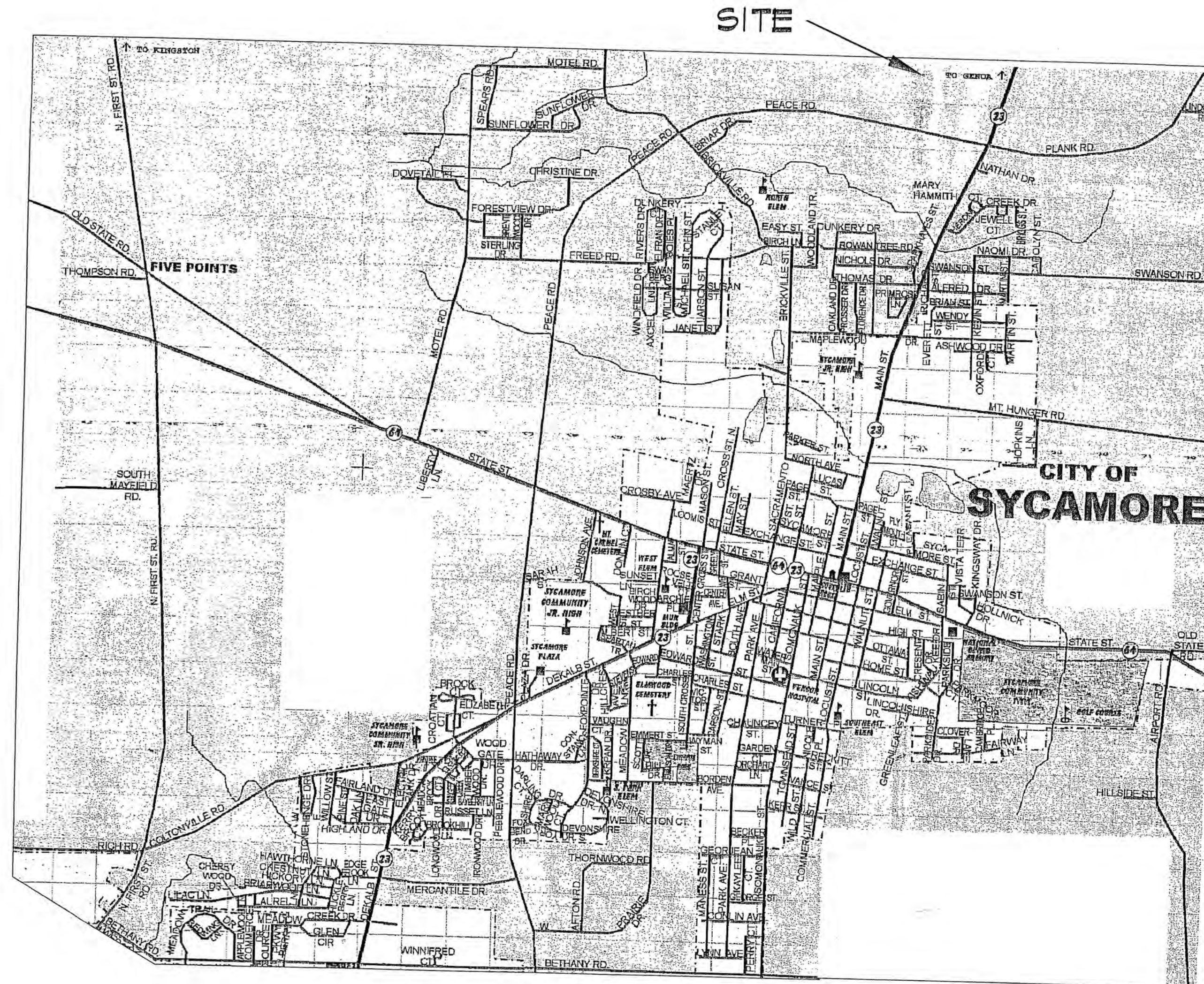
QUANTITIES

SANITARY SEWER, 10" PVC	2,562 L.F.
SANITARY SEWER, 8" PVC	2,635 L.F.
SANITARY SEWER, 10" DUCTILE IRON, CL. 52	85 L.F.
SANITARY MANHOLE - 4' DIA.	22 EACH
CONNECT TO EXISTING SANITARY MANHOLE	1 EACH
8" SAN. SERVICE, PVC (S.F. AND DUPLEX)	77 EACH
8" SAN. SERVICE, PVC (1 PER MULTI FAMILY BLDG.)	9 EACH
8" SAN. SERVICE, DI (S.F. AND DUPLEX)	8 EACH
8" SAN. SERVICE, WATERMAIN QUALITY PVC (S.F. AND DUPLEX)	6 EACH
8" SAN. SERVICE, WATERMAIN QUALITY PVC (1 PER MULTI FAMILY BLDG.)	7 EACH
TRENCH BACKFILL	9,000 C.Y.
D.I. WATERMAIN, 8", INCL. FITTINGS	1,708 L.F.
D.I. WATERMAIN, 10", INCL. FITTINGS	882 L.F.
D.I. WATERMAIN, 12", INCL. FITTINGS	4,528 L.F.
FIRE HYDRANT ASSEMBLY, COMPLETE	19 EACH
CONNECT TO EXISTING WATERMAIN	4 EACH
8" GATE VALVE AND 4' VAULT	2 EACH
10" GATE VALVE AND 4' VAULT	12 EACH
1" WATER SERVICE COMPLETE (1 EA S.F. AND 1 EA DUPLEX UNIT)	91 EACH
2" WATER SERVICE COMPLETE (1 PER MULTI FAMILY ROW)	15 EACH
WATERMAIN ENCASEMENT	44 L.F.
ADJUST EXISTING 10" VALVE VAULT RIM	1 EACH
TRENCH BACKFILL	800 C.Y.
2' DIA. INLET TYPE A WITH TYPE B GRATE	21 EACH
2' DIA. INLET TYPE A WITH NEENAH R-2077 FRAME & TYPE B OPEN LID	9 EACH
2' DIA. INLET TYPE A WITH NEENAH R-1077 FRAME AND TYPE B CLOSED LID	3 EACH
2' DIA. SPECIAL WITH NEENAH R-3246 FRAME AND TYPE C GRATE	24 EACH
2' DIA. INLET TYPE A WITH NEENAH R-2077 FRAME & TYPE B OPEN LID	5 EACH
2' DIA. INLET TYPE A WITH NEENAH R-1077 FRAME & TYPE B CLOSED LID	2 EACH
2' DIA. INLET TYPE A WITH TYPE B GRATE	12 EACH
4' DIA. STORM M.H. WITH NEENAH R-1077-B FRAME AND TYPE B CLOSED LID	17 EACH
4' DIA. STORM M.H. WITH NEENAH R-3246 FRAME AND TYPE C GRATE	1 EACH
4' DIA. STORM M.H. WITH TYPE B GRATE	24 EACH
4' DIA. C.I.E. WITH NEENAH R-3246 FRAME AND TYPE C GRATE	9 EACH
4' DIA. STORM M.H. WITH NEENAH R-1077-B FRAME AND TYPE B CLOSED LID	8 EACH
4' DIA. STORM M.H. WITH TYPE B GRATE	4 EACH
4' DIA. C.I.E. WITH NEENAH R-3246 FRAME AND TYPE C GRATE	8 EACH
4' DIA. STORM M.H. WITH TYPE B GRATE	1 EACH
4' DIA. STORM M.H. WITH NEENAH R-1077-B FRAME AND TYPE B CLOSED LID	7 EACH
4' DIA. C.I.E. SPECIAL WITH NEENAH R-3246 FRAME AND TYPE C GRATE	2 EACH
4' DIA. STORM M.H. WITH NEENAH R-1077-B FRAME AND TYPE B CLOSED LID	3 EACH
18" PRECAST END SECTION WITH TRASH RACK	2 EACH
30" PRECAST END SECTION WITH TRASH RACK	3 EACH
12" R.C.P. STORM SEWER	473 L.F.
18" R.C.P. STORM SEWER	1,687 L.F.
18" R.C.P. STORM SEWER	1,604 L.F.
24" R.C.P. STORM SEWER	1,687 L.F.
30" R.C.P. STORM SEWER	106 L.F.
30" R.C.P. STORM SEWER	1,604 L.F.
6" H.D. PVC SDR 26 STORM SEWER	653 L.F.
12" HOPE ADS N-12 PERFORATED STORM SEWER WITH SOCK	337 L.F.
18" HOPE ADS N-12 PERFORATED STORM SEWER WITH SOCK	1,321 L.F.
24" HOPE ADS N-12 PERFORATED STORM SEWER WITH SOCK	103 L.F.
18" FLAP GATE	1 EACH
24" FLAP GATE	1 EACH
4" SUMP STUB	183 EACH
6" DOWNPOUT STUB	36 EACH
RIP RAP AT END SECTIONS	60 S.Y.
TRENCH BACKFILL	700 C.Y.
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	700 C.Y.
SUB-BASE GRANULAR MAT'L, SPECIAL (1" - 4" CRUSHED LESTONE W/ LIMITED FINES)	11,741 L.F.
MODIFIED B-6.12 PCC CURB AND GUTTER	700 C.Y.
CRUSHER RUN BASE COURSE (COMPACTED), 4"	5,511 S.Y.
CRUSHER RUN BASE COURSE (COMPACTED), 6"	16,817 S.Y.
CA-6 AGGREGATE BASE COURSE, 4"	22,328 S.Y.
BITUMINOUS BINDER COURSE, CLASS I, MIX C, 2"	16,817 S.Y.
BITUMINOUS SURFACE COURSE, CLASS I, MIX C, 1-1/2"	16,817 S.Y.
BITUMINOUS SURFACE COURSE, CLASS I, MIX C, 2"	16,817 S.Y.
BITUMINOUS SURFACE COURSE, CLASS I, MIX C, 1-1/2"	16,817 S.Y.
BIT. MATERIALS, PRIME COAT (40 GAL/S.Y.)	9,501 GAL
CA-6 AGG. BASE COURSE, 8", 1" WIDE (REC PATH)	2,289 S.Y.
BITUMINOUS SURFACE COURSE, CLASS I, MIX C, 2", 1" WIDE (REC PATH)	2,058 S.Y.
BIT. MATERIALS, PRIME COAT (40 GAL/S.Y.)	823 GAL
PCC SIDEWALK, 4" THICK	47,906 S.F.
STREET LIGHTS	19 EACH
PAVEMENT STRIPING	285 L.F.
EROSION CONTROL	1 L.S.
PARKWAY TOPSOIL AND SEEDING	13,700 S.Y.
PARK & POND TOPSOIL AND SEEDING	23,700 S.Y.
MASS EXCAVATION	1 L.S.
POND EXCAVATION	1 L.S.

DOES NOT INCLUDE IMPROVEMENTS TO MULTI-FAMILY SITE SUCH AS PAVEMENT, WALKS, AND BUILDING EXCAVATION.

CAMDEN CROSSINGS CITY OF SYCAMORE

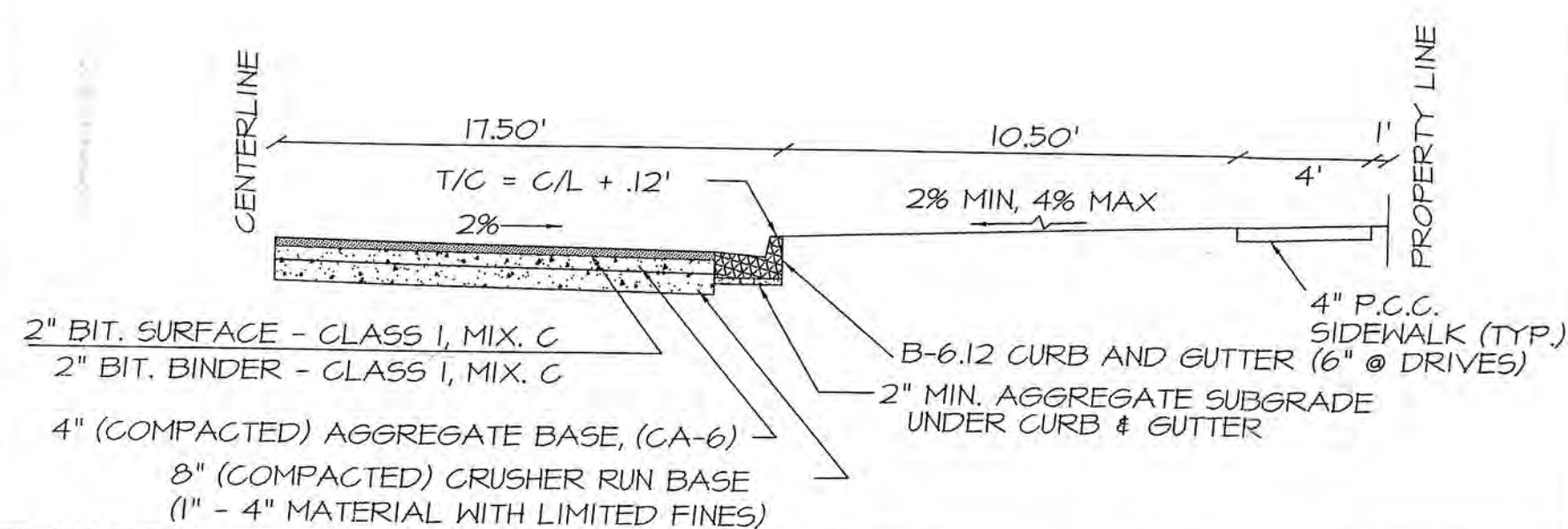
DEKALB COUNTY, ILLINOIS
JANUARY 3, 2005



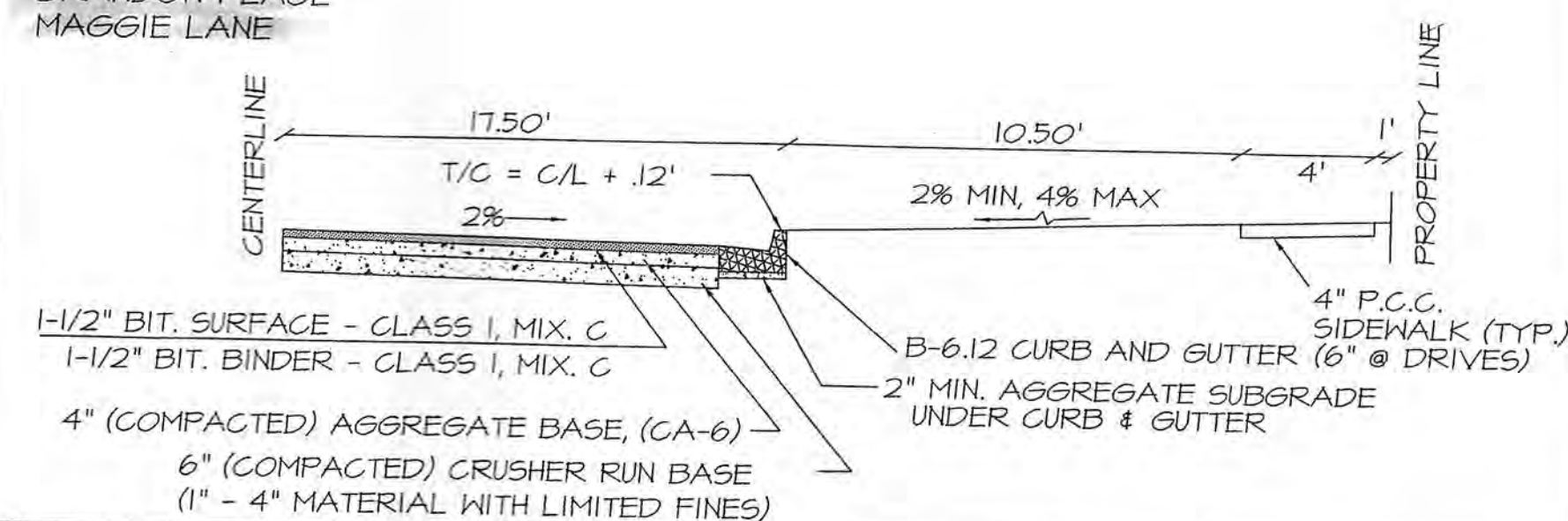
LEGEND	
R.O.W.	Right of Way
Light Pole	Light Pole
Existing Valve Box & Valve	Existing Valve Box & Valve
Existing Valve Vault & Valve	Existing Valve Vault & Valve
Existing Fire Hydrant	Existing Fire Hydrant
WM	Existing Water Main
WM	Proposed Water Main
Proposed Valve Box & Valve	Proposed Valve Box & Valve
Proposed Valve Vault & Valve	Proposed Valve Vault & Valve
Proposed Fire Hydrant	Proposed Fire Hydrant
Existing Storm Manhole	Existing Storm Manhole
Existing Storm Catch Basin	Existing Storm Catch Basin
Proposed Storm Manhole	Proposed Storm Manhole
Proposed Storm Catch Basin	Proposed Storm Catch Basin
Flared End Section	Flared End Section
Curb Inlet	Curb Inlet
Existing Storm Sewer	Existing Storm Sewer
Proposed Storm Sewer	Proposed Storm Sewer
Existing Sanitary Manhole	Existing Sanitary Manhole
Existing Sanitary Drop Manhole	Existing Sanitary Drop Manhole
Proposed Sanitary Manhole	Proposed Sanitary Manhole
Proposed Sanitary Drop Manhole	Proposed Sanitary Drop Manhole
Proposed Sanitary Clean out	Proposed Sanitary Clean out
Existing Sanitary Sewer	Existing Sanitary Sewer
Proposed Sanitary Sewer	Proposed Sanitary Sewer
Sign	Sign
Property Line	Property Line
R/H	Right-Of-Way Line
B.S.L.	Building Setback Line
Easement Line	Easement Line
Existing Contour Line	Existing Contour Line
Proposed Contour Line	Proposed Contour Line
STORM SEWER TO HAVE O-RING GASKETS JOINTS WHEREVER IT CROSSES OVER WATER MAIN WATER MAIN TO BE DEFLECTED TO PROVIDE A MINIMUM OF 18" INCHES OF CLEARANCE FROM THE STORM SEWER.	
D.I.	DUCTILE IRON PIPE
6" SANITARY SERVICE 6' BEYOND PROPERTY LINE.	
6" SANITARY SERVICE W/ WATER MAIN QUALITY PIPE JOINTS 6' BEYOND PROPERTY LINE.	
1" TYPE "K" COPPER WATER SERVICE WITH CURB STOP BOX 6' BEYOND PROPERTY LINE.	
4" PVC SUMP STUB	
6" PVC DOWN SPOT STUB	
PAVEMENT HATCH	
SIDEWALK HATCH	
EROSION CONTROL BLANKET	
SILT FENCE	
INLET PROTECTION	
20 SQ. YD. RIP RAP	



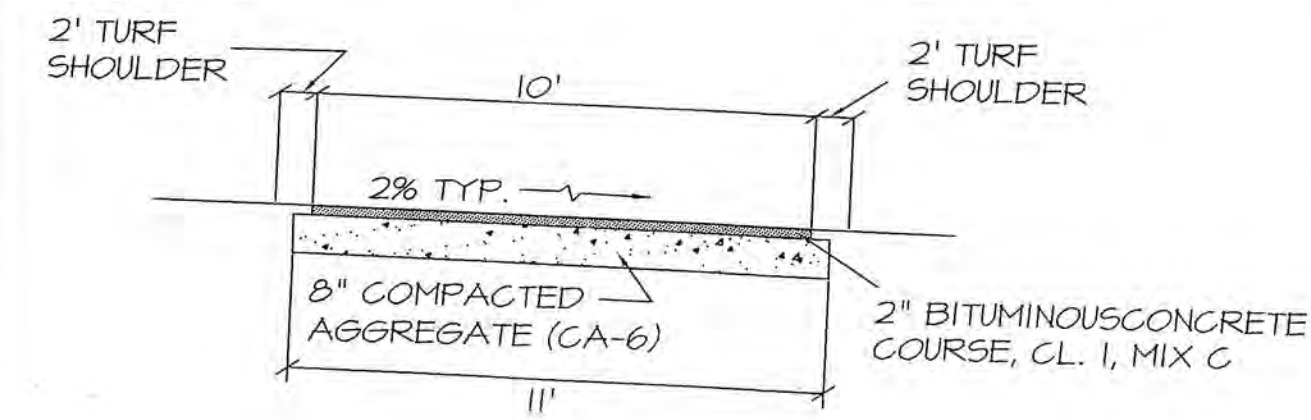
TYPICAL HALF SECTION 35' B/B - 66' R.O.W.
WARD BLVD. = STA. 0+00 TO 1+68
MILLBRIDGE/CONCORD = STA. 18+19 TO 32+07



TYPICAL HALF SECTION 35' B/B - 66' R.O.W.
MILLBRIDGE/CONCORD STA. 10+00 TO 18+19
STRATFORD DRIVE
COLEY PLACE
WICKFORD LANE
BRANDON PLACE
MAGGIE LANE



TYPICAL SECTION RECREATION PATH



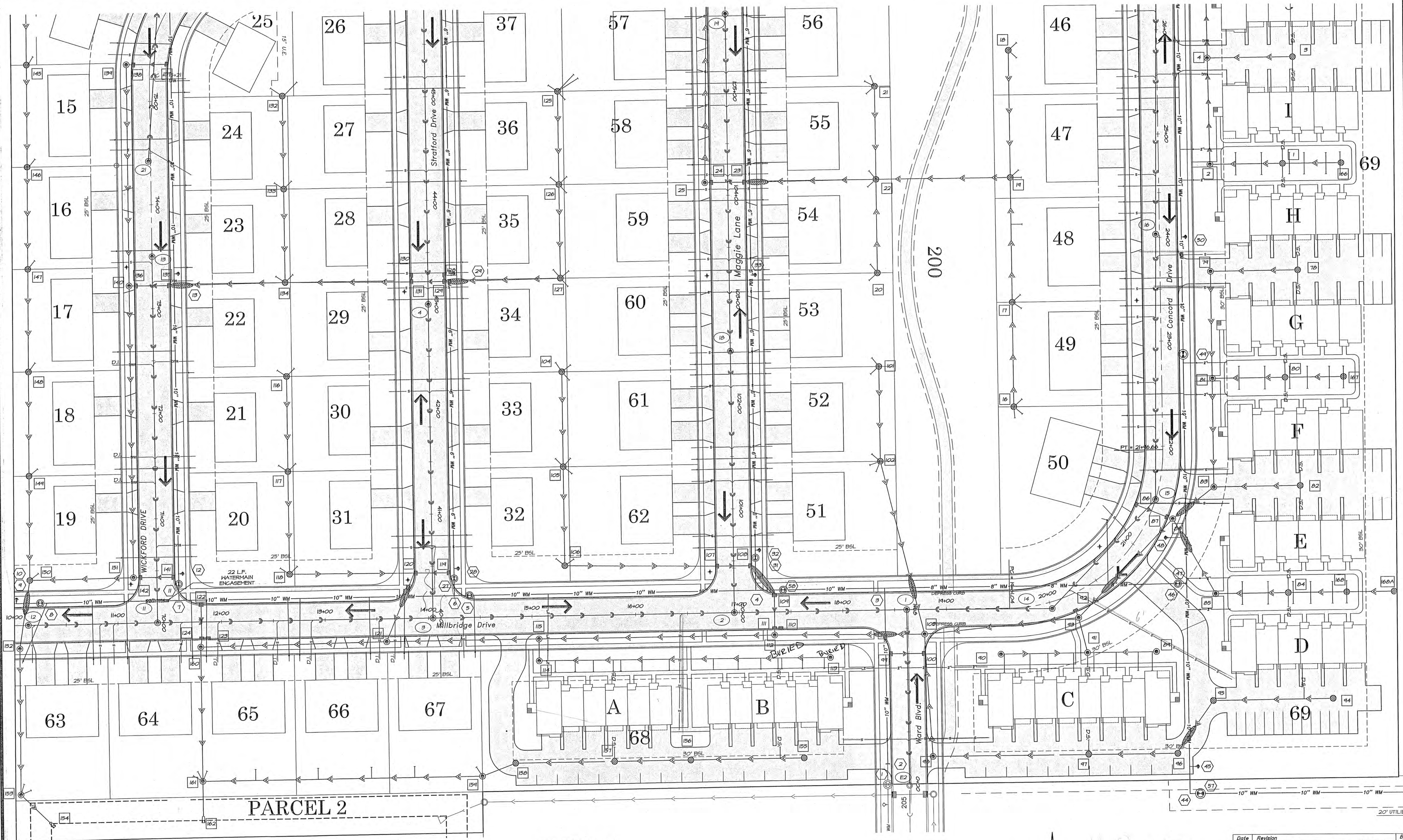
CONTACT:
J.U.L.I.E.
1-800-892-0123
PRIOR TO ANY CONSTRUCTION

REVISION: 3-28-06
REVISION: 12-01-05
REVISION: 04-18-05
REVISION: 03-28-05



JOB #DD1250.10

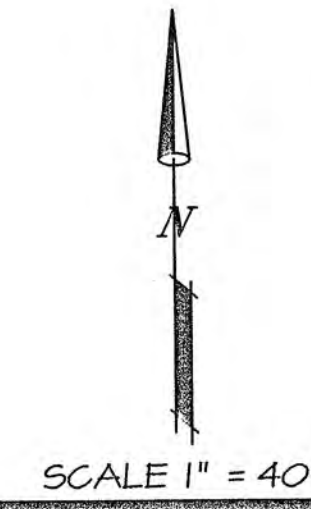
PLANS PREPARED BY: CAMDEN CROSSINGS
CES, INC., 700 W. LOCUST ST., BELVIDERE, IL 61008
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PARCEL 2

WATERMAIN LENGTHS

4-37-34	1062 L.F. 6" WATERMAIN	2-3-4-6-7-10	1004 L.F. 10" WATERMAIN
10-37	241 L.F. 8" WATERMAIN	7-14-16-18-21-22-26	1859 L.F. 10" WATERMAIN
40-41-42-44-47-54-56-58	2051 L.F. 10" WATERMAIN	6-27-18	646 L.F. 6" WATERMAIN
3-47	241 L.F. 8" WATERMAIN		



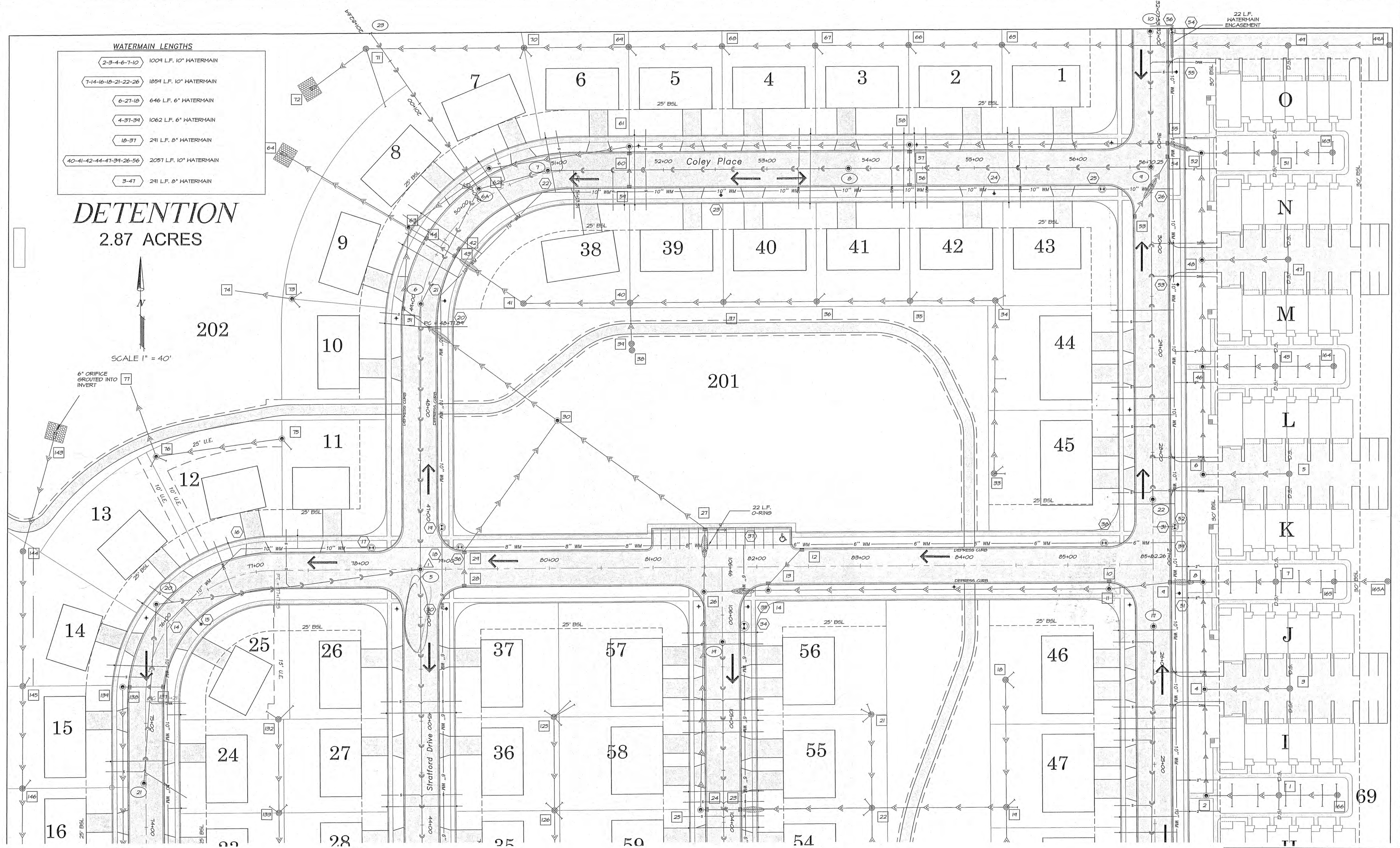
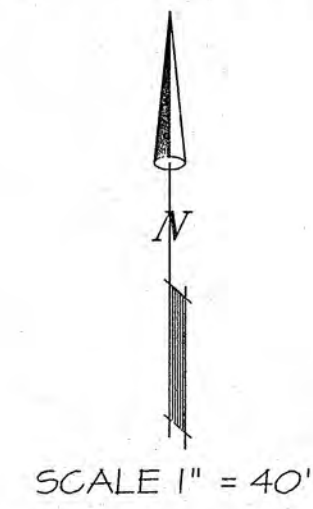
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Date	Revision	By
3/28/05	ADD DOWN SPOUTS TO MULTIFAMILY UNITS PER CITY REVIEW	TJC
4/18/05	REVISED PER CITY 4/7/05 REVIEW	JAB
12/01/05	REVISED PER CITY	JAB
CAMDEN CROSSINGS South Overall Utility Plan CHECKED BY: KCB DATE 12-08-04 DRAWN BY: TJC DATE: 01-02-04 Sheet 3 of 23		

WATERMAIN LENGTHS

2-3-4-6-7-10	1004 L.F. 10" WATERMAIN
7-14-16-18-21-22-26	1854 L.F. 10" WATERMAIN
6-27-18	646 L.F. 6" WATERMAIN
4-37-34	1062 L.F. 6" WATERMAIN
18-37	291 L.F. 8" WATERMAIN
10-41-42-44-47-34-26-56	2057 L.F. 10" WATERMAIN
3-47	241 L.F. 8" WATERMAIN

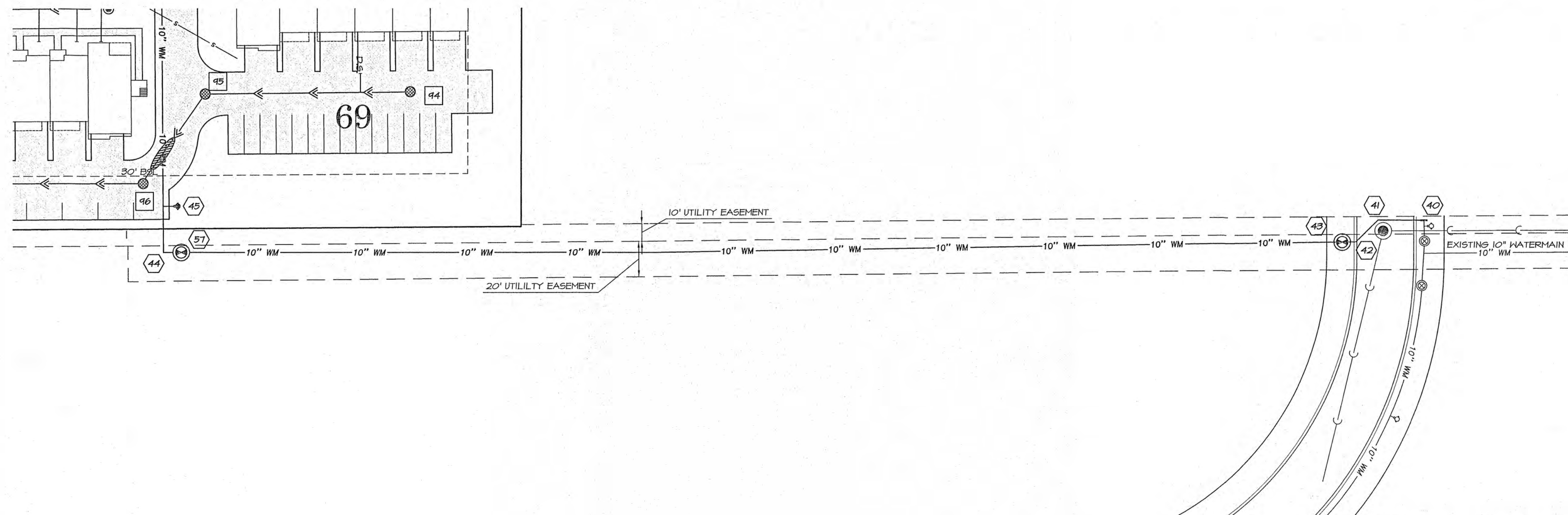
DETENTION
2.87 ACRES



700 WEST LOCUST ST., BELVIDERE, IL 61008
(815)-547-8435 FAX: (815)-544-0421

Date	Revision	By
3/11/05	Plot & Engineering Change	TJC
3/28/05	Added Down Spouts & Lettering to Multifamily Units	TJC
4/18/05	REVISED PER CITY 4/7/05 REVIEW	JAB
12/01/05	REVISED PER CITY	JAB

CAMDEN CROSSINGS North Overall Utility Plan		
CHECKED BY: KCB DATE: 12/8/04	DRAWN BY: TJC DATE: 12-02-04	Sheet 4 of 23
ds1250b1		



WATER SERVICE

SANITARY SEWER

EXISTING MANHOLE SAN. MH. - 4' DIA. RIM ELEV. = 847.01 INV. = 824.41 S. 21' (OUT) INV. = 824.13 E. 10' (IN) INV. = 830.26 N. 10' (IN)	300 L.F. 10" SAN. SEWER @ 0.30%	STA 56+10 - CL STA 50+75 - CL RIM ELEV. = 847.19 INV. = 839.94 N. (OUT) 10" INV. = 839.04 S. (IN) 10" INV. = 839.04 S. (IN) 10"	145 L.F. 8" SAN. SEWER @ 2.52%	173 L.F. 8" SAN. SEWER @ 0.40%
EX. 214 L.F. 10" SAN. SEWER @ 0.42%	346 L.F. 10" SAN. SEWER @ 0.30%	130 L.F. 10" SAN. SEWER @ 0.30% THE NORTHERN MOST 20' L.F. TO BE CLASS 52 DUCTILE IRON PIPE.	254 L.F. 8" SAN. SEWER @ 0.40%	320 L.F. 8" SAN. SEWER @ 0.40%
STA 00+02 - 1' RT. RIM ELEV. = 844.38 - ADJUST TO 845.26 EX. INV. = 831.5 S. 10' (OUT) PROP. INV. = 831.25 N. 10' (IN) CONNECT TO EXISTING SAN. STUB	254 L.F. 10" SAN. SEWER @ 0.28%	266 L.F. 8" SAN. SEWER @ 0.40%	230 L.F. 8" SAN. SEWER @ 0.40%	124 L.F. 10" SAN. SEWER @ 0.28%
STA 1460 - CL STA 18462 - CL RIM ELEV. = 843.91 INV. = 831.76 S. (OUT) 10" INV. = 832.50 E. (IN) 10" INV. = 831.86 N. (IN) 10"	64 L.F. 10" SAN. SEWER @ 0.28%	125 L.F. 8" SAN. SEWER @ 0.40%	324 L.F. 8" SAN. SEWER @ 1.24%	182 L.F. 10" SAN. SEWER @ 0.28% THE NORTHERN MOST 30' L.F. TO BE CLASS 52 DUCTILE IRON PIPE.
166 L.F. 10" SAN. SEWER @ 0.30%	290 L.F. 10" SAN. SEWER @ 0.24%	350 L.F. 8" SAN. SEWER @ 0.40%	257 L.F. 8" SAN. SEWER @ 0.40%	PLUGGED END OF 10" SAN. SEWER MARK END WITH 4"x4" POST PAINTED GREEN
STA 14000 - CL STA 14004 - CL RIM ELEV. = 844.52 INV. = 833.33 E. (OUT) 10" INV. = 833.43 N. (IN) 10" INV. = 833.47 N. (IN) 10"	291 L.F. 10" SAN. SEWER @ 0.30%	141 L.F. 8" SAN. SEWER @ 3.21%	STA 76+07 - 22' LT RIM ELEV. = 845.70 INV. = 836.75 E. (OUT) 8" INV. = 836.85 S. (IN) 8"	

WATERMAIN LENGTHS

2-3-4-6-T-10	1009 L.F. 10" WATERMAIN
7-14-16-18-21-22-26	1859 L.F. 10" WATERMAIN
6-27-18	646 L.F. 6" WATERMAIN
4-37-34	1062 L.F. 6" WATERMAIN
18-37	291 L.F. 8" WATERMAIN
40-41-42-44-47-34-26-56	2051 L.F. 10" WATERMAIN
3-47	291 L.F. 8" WATERMAIN

STA. 0+03 - 21' LT. EXISTING 10" VALVE & 5' VAULT EXISTING RIM = 845.21 ADJUST RIM TO = 845.40	STA. 76+22 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 845.85	STA. 43+29 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 845.45	10" VALVE & 5' VAULT RIM = 853.40
STA. 0+20 - 21' LT. REMOVE EXISTING 10" PLUG & CONNECT TO EXISTING 10" WATERMAIN	10" 45" M.J. BEND	STA. 46+08 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 847.54	10" 90" M.J. BEND
10"x10"x10" M.J. TEE WITH 10"x8" M.J. REDUCER ON EAST LEG	STA. 78+11 - 21' LT. 10" VALVE & 5' VAULT RIM = 847.04	STA. 100+53 - 21' RT. 6" VALVE & 4' VAULT RIM = 842.83	FIRE HYDRANT ASSEMBLY COMPLETE F/G = 846.21
10"x6"x10" M.J. TEE	10"x10" M.J. CROSS WITH 10"x8" M.J. REDUCER ON EAST LEG AND 10"x6" M.J. REDUCER ON SOUTH LEG	STA. 100+60 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 843.15	8" VALVE & 4' VAULT RIM = 844.90
STA. 14+40 - 21' LT. 10" VALVE & 5' VAULT RIM = 844.43	10"x6"x10" M.J. TEE	STA. 103+23 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 846.43	10"x8"x10" M.J. TEE
10"x6"x10" M.J. TEE	STA. 44+07 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 845.61	STA. 105+89 - 21' RT. 6" VALVE & 4' VAULT RIM = 846.43	STA. 21+20 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 849.73
10"x10"x10" M.J. TEE	STA. 10+25 - 21' LT. 10" VALVE & 5' VAULT RIM = 840.80	STA. 106+08 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 847.66	STA. 24+00 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 852.07
STA. 10+02 - LT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 840.64	STA. 10+00 - 21' LT. 10" M.J. PLUG ON WEST LEG OF HYDRANT TEE.	STA. 52+55 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 846.44	STA. 26+65 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 850.77
STA. 10+31 - 21' RT. 10" VALVE & 5' VAULT RIM = 841.42	STA. 10+47 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 841.51	STA. 55+14 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 846.42	STA. 27+29 - 21' RT. 10" VALVE & 5' VAULT RIM = 849.81
STA. 73+33 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 843.42	STA. 10+41 - RT. 10" VALVE & 5' VAULT RIM = 841.42	STA. 56+23 - 21' RT. 10" VALVE & 5' VAULT RIM = 846.16	STA. 24+61 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 847.42
10" 45" M.J. BEND	STA. 40+38 - 21' RT. 6" VALVE & 4' VAULT RIM = 844.15	STA. 40+48 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 844.35	STA. 31+66 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 847.64
	10" 45" M.J. BEND	10" 45" M.J. BEND	STA. 32+00 - 21' RT. 10" M.J. PLUG 5' NORTH OF VALVE VAULT
		10" VALVE & 5' VAULT RIM = 851.41	STA. 17+45 - 21' LT. 10" VALVE & 5' VAULT RIM = 842.84



700 WEST LOCUST ST., BELVIDERE, IL 61008
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Date	Revision	By
3/28/05	ADDED & MOVED WATERMAIN STRUCTURES AND LEGENDS	TJC
4/18/05	REVISED PER CITY 4/27/05 REVIEW	JMB
12/01/04	REVISED PER CITY	JMB
3/28/04	REVISED PER CITY	TJC

CAMDEN CROSSINGS OFFSITE WATER PLAN & (SANITARY & WATER LEDGENDS)		Sheet 5 of 23
CHECKED BY: KCB DATE: 01-03-05	DRAWN BY: TJC DATE: 01-03-05	ds1250b1

1	3" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 853.00 D.S. INV. = 844.00 (6') EAST INV. = 841.00 (6') WEST INV. = 840.50 (12') TO LF. 12" RCP @ 0.25%	15 TO XX	RESERVED	29 TO 30	153 LF. 12" RCP @ 0.30%	44 TO 63	19 LF. 24" RCP @ 0.33%	58 TO 61	270 LF. 24" RCP @ 0.20%	73 TO 74	55 LF. 6" HD. PVC SDR-26 @ 4.90%	88 TO 93	131 LF. 15" RCP @ 2.24%
1 TO 2	4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B CLOSED LID RIM = 854.00 EAST INV. = 840.32 (12') NORTH INV. = 840.32 (12')	16 TO 17	100 LF. 12" RCP @ 0.25%	30 TO 31	104 LF. 36" RCP @ 0.12%	45 TO 46	70 LF. 12" RCP @ 0.85%	59 TO 60	35 LF. 12" RCP @ 0.25%	75 TO 76	122 LF. 6" HD. PVC SDR 26 @ 0.50%	89 TO 91	66 LF. 6" HD. PVC SDR 26 @ 0.50%
2 TO 4	103 LF. 12" RCP @ 2.06%	17 TO 19	120 LF. 12" RCP @ 0.33%	31 TO 63	70 LF. 36" RCP @ 0.12%	46 TO 46	103 LF. 12" RCP @ 1.00%	60 TO 61	5' LF. 12" RCP @ 1.00%	76 TO 77	72 LF. 6" HD. PVC SDR 26 @ 3.80%	90 TO 91	84 LF. 6" HD. PVC SDR 26 @ 0.50%
3	2" DIA. INLET TYPE A WITH NEENAH R-207T FRAME & TYPE B OPEN LID RIM = 850.31 D.S. INV. = 846.81 (6') WEST INV. = 846.41 (12')	18	2" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 846.40 SOUTH INV. = 841.90 (12') SUMP INV. = 842.40 (4')	32 TO 63	RESERVED	47 TO 48	83 LF. 12" RCP @ 0.25%	61 TO 62	137 LF. 24" RCP @ 0.24%	78 TO 79	84 LF. 12" RCP @ 0.55%	91 TO 93	35 LF. 8" HD. PVC SDR 26 @ 2.00%
3 TO 4	83 LF. 12" RCP @ 0.25%	19 TO 19	123 LF. 12" RCP @ 0.25%	33 TO 63	RESERVED	48 TO 48	103 LF. 12" RCP @ 1.00%	62 TO 62	96 LF. 24" RCP @ 0.24%	79 TO 80	103 LF. 12" RCP @ 0.25%	92 TO 93	6 LF. 12" RCP @ 0.50%
4	4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B CLOSED LID RIM = 851.30 EAST INV. = 846.20 (12') SOUTH INV. = 846.20 (12') NORTH INV. = 846.00 (15')	20	2" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 845.96 NORTH INV. = 841.46 (12') SUMP INV. = 841.96 (4')	34 TO 34	166 LF. 18" PERF. ADS N-12 @ 0.12%	49 TO 49	2" DIA. INLET TYPE A WITH NEENAH R-207T FRAME & TYPE B OPEN LID RIM = 846.60 D.S. INV. = 841.71 (6') EAST INV. = 841.31 (12') WEST INV. = 841.31 (12')	63 TO 64	137 LF. 36" RCP @ 0.47%	80 TO 81	4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 851.00 NORTH INV. = 845.65 (12') SOUTH INV. = 845.45 (15')	93 TO 103	150 LF. 15" RCP @ 2.40%
4 TO 8	103 LF. 15" RCP @ 0.15%	21 TO 22	90 LF. 12" RCP @ 0.10%	35 TO 36	90 LF. 18" PERF. ADS N-12 @ 0.12%	50 TO 51	3" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 849.60 D.S. INV. = 845.60 (6') EAST INV. = 845.60 (6') WEST INV. = 845.10 (12')	65 TO 66	90 LF. 18" PERF. ADS N-12 @ 0.12%	81 TO 83	103 LF. 15" RCP @ 0.15%	94 TO 95	116 LF. 12" RCP @ 0.91%
5	2" DIA. INLET TYPE A WITH NEENAH R-207T FRAME & TYPE B OPEN LID RIM = 848.10 D.S. INV. = 844.87 (6') WEST INV. = 844.47 (12')	22 TO 23	126 LF. 24" RCP @ 0.11%	36 TO 37	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 845.60 EAST INV. = 841.20 (18') WEST INV. = 841.60 (4')	52 TO 53	33 LF. 15" RCP @ 0.34%	67 TO 67	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.90 EAST INV. = 841.10 (18') WEST INV. = 841.10 (18') SUMP INV. = 840.90 (4')	84 TO 85	70 LF. 12" RCP @ 0.30%	96 TO 97	86 LF. 12" RCP @ 0.81%
5 TO 6	83 LF. 12" RCP @ 0.25%	23 TO 24	35 LF. 24" RCP @ 0.17%	38 TO 40	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.70 NORTH INV. = 841.70 (4')	54 TO 55	13 LF. 12" RCP @ 0.61%	68 TO 68	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.30 EAST INV. = 838.80 (18') WEST INV. = 838.80 (18') SUMP INV. = 840.30 (4')	86 TO 87	35 LF. 12" RCP @ 0.25%	98 TO 100	91 LF. 12" RCP @ 0.56%
6	4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B CLOSED LID RIM = 848.95 EAST INV. = 844.26 (12') NORTH INV. = 844.26 (12')	24 TO 25	5 LF. 24" RCP @ 0.20%	41 TO 43	74 LF. 24" RCP @ 0.24%	56 TO 57	35 LF. 12" RCP @ 0.25%	70 TO 71	53 LF. 18" PERF. ADS N-12 @ 0.12%	87 TO 88	83 LF. 12" RCP @ 2.65%	101 TO 103	19 LF. 15" RCP @ 0.47%
6 TO 46	103 LF. 12" RCP @ 0.25%	25 TO 26	STA. 104+12 - RT. 5" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 846.42 EAST INV. = 840.16 (24') WEST INV. = 840.16 (24')	44	STA. 44+50 - RT. 5" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.14 SW INV. = 840.61 (12')	57 TO 58	5 LF. 12" RCP @ 1.00%	72	2" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 845.24 WEST INV. = 840.74 (6') SUMP INV. = 840.94 (4')	88 TO 89	STA. 21+37 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 852.25 D.S. INV. = 848.10 (6') EAST INV. = 847.10 (12') WEST INV. = 847.10 (12')	104	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
7	3" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 850.75 D.S. INV. = 841.23 (6') EAST INV. = 846.63 (15') WEST INV. = 846.63 (15')	26 TO 27	61 LF. 36" RCP @ 0.11%	45 TO 46	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 845.34 SOUTH INV. = 841.06 (18') WEST INV. = 841.06 (18') SUMP INV. = 840.06 (4')	58 TO 59	250 LF. 18" RCP @ 0.55%	73	2" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 845.24 WEST INV. = 840.74 (6') SUMP INV. = 840.94 (4')	89 TO 90	STA. 21+37 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 852.25 D.S. INV. = 848.10 (6') EAST INV. = 847.10 (12') WEST INV. = 847.10 (12')	105	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
7 TO 8	4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B CLOSED LID RIM = 851.80 EAST INV. = 843.42 (15') SOUTH INV. = 845.84 (15') WEST INV. = 843.42 (15')	27 TO 28	STA. 104+12 - LT. 5" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 846.42 EAST INV. = 840.10 (24') WEST INV. = 840.10 (24')	46 TO 47	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.70 NORTH INV. = 841.70 (4')	59 TO 60	STA. 54+30 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 846.05 SOUTH INV. = 841.30 (12') EAST INV. = 840.90 (18') WEST INV. = 840.90 (18')	74	END OF 6" PVC INV. = 838.00	90 TO 91	84 LF. 6" HD. PVC SDR 26 @ 0.50%	106	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
8	4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B CLOSED LID RIM = 851.80 EAST INV. = 843.42 (15') SOUTH INV. = 845.84 (15') WEST INV. = 843.42 (15')	28 TO 29	STA. 104+12 - LT. 5" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 846.42 EAST INV. = 840.10 (24') WEST INV. = 840.10 (24')	47 TO 48	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.70 NORTH INV. = 841.70 (4')	60 TO 61	STA. 54+30 - LT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 846.05 SOUTH INV. = 841.30 (12') EAST INV. = 840.90 (18') WEST INV. = 840.90 (18')	75	2" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 850.97 WEST INV. = 841.40 (6') SUMP INV. = 841.60 (4')	91 TO 93	35 LF. 8" HD. PVC SDR 26 @ 2.00%	107	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
8 TO 9	31 LF. 15" RCP @ 0.75%	29 TO 30	STA. 104+12 - LT. 5" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 846.42 EAST INV. = 840.10 (24') WEST INV. = 840.10 (24')	48 TO 49	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.70 NORTH INV. = 841.70 (4')	61 TO 62	STA. 54+30 - LT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 846.05 SOUTH INV. = 841.30 (12') EAST INV. = 840.90 (18') WEST INV. = 840.90 (18')	76	2" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 850.97 WEST INV. = 841.40 (6') SUMP INV. = 841.60 (4')	92 TO 93	6 LF. 12" RCP @ 0.50%	108	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
9	STA. 26+75 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE C GRATE T/C = 850.40 EAST INV. = 843.19 (15') WEST INV. = 843.19 (15')	30 TO 31	STA. 104+12 - LT. 5" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 846.42 EAST INV. = 840.10 (24') WEST INV. = 840.10 (24')	49 TO 49	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.70 NORTH INV. = 841.70 (4')	62 TO 63	STA. 54+30 - LT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 846.05 SOUTH INV. = 841.30 (12') EAST INV. = 840.90 (18') WEST INV. = 840.90 (18')	77	END OF 6" PVC INV. = 838.00	93 TO 103	150 LF. 15" RCP @ 2.40%	109	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
9 TO 11	60 LF. 15" RCP @ 1.41%	31 TO 40	94 LF. 18" PERF. ADS N-12 @ 0.12%	50 TO 51	3" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 849.60 D.S. INV. = 845.60 (6') EAST INV. = 845.60 (6') WEST INV. = 845.10 (12')	63 TO 64	137 LF. 36" RCP @ 0.47%	78	2" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 850.97 WEST INV. = 841.40 (6') SUMP INV. = 841.60 (4')	104 TO 105	19 LF. 15" RCP @ 0.47%	110	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
10	STA. 85+40 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-207T FRAME & TYPE C GRATE T/C = 849.50 SOUTH INV. = 845.00 (12')	40 TO 41	103 LF. 24" RCP @ 0.21%	51 TO 52	70 LF. 12" RCP @ 0.85%	64 TO 65	36" PRECAST END SECTION WITH TRASH RACK INV. = 831.75 (36')	79	4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 851.00 NORTH INV. = 845.65 (12') SOUTH INV. = 845.45 (15')	105 TO 106	19 LF. 15" RCP @ 0.47%	111	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
10 TO 11	5 LF. 12" RCP @ 0.40%	41 TO 43	74 LF. 24" RCP @ 0.24%	52 TO 53	33 LF. 15" RCP @ 0.34%	65 TO 66	90 LF. 18" PERF. ADS N-12 @ 0.12%	80	4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 851.00 NORTH INV. = 845.65 (12') SOUTH INV. = 845.45 (15')	106 TO 107	19 LF. 15" RCP @ 0.47%	112	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
11	STA. 85+40 - 23' RT. 4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B CLOSED LID RIM = 849.60 NORTH INV. = 845.06 (12') EAST INV. = 842.34 (15') WEST INV. = 842.34 (15')	42 TO 43	8 LF. 12" RCP @ 2.00%	53 TO 54	67 LF. 12" RCP @ 0.34%	66 TO 67	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.90 EAST INV. = 841.10 (18') WEST INV. = 841.10 (18') SUMP INV. = 840.90 (4')	81	3" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 852.25 D.S. INV. = 848.10 (6') EAST INV. = 847.10 (12') WEST INV. = 847.10 (12')	107 TO 108	83 LF. 12" RCP @ 2.65%	113	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
11 TO 14	324 LF. 18" RCP @ 0.66%	43 TO 44	STA. 44+50 - RT. 5" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.14 SW INV. = 840.61 (12')	54 TO 55	13 LF. 12" RCP @ 0.61%	67 TO 68	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.90 EAST INV. = 841.10 (18') WEST INV. = 841.10 (18') SUMP INV. = 840.90 (4')	82	2" DIA. INLET TYPE A WITH NEENAH R-207T-B FRAME & TYPE B OPEN LID RIM = 849.57 D.S. INV. = 846.10 (6') WEST INV. = 845.70 (12')	108 TO 109	83 LF. 12" RCP @ 2.65%	114	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
12	STA. 82+44 - LT. 4" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 840.36 SW INV. = 843.86 (12')	44 TO 45	STA. 44+50 - RT. 5" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.14 SW INV. = 840.61 (12')	55 TO 56	250 LF. 18" RCP @ 0.55%	68 TO 69	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.90 EAST INV. = 841.10 (18') WEST INV. = 841.10 (18') SUMP INV. = 840.90 (4')	83	4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 851.00 NORTH INV. = 845.65 (12') SOUTH INV. = 845.45 (15')	109 TO 110	83 LF. 12" RCP @ 2.65%	115	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
12 TO 13	48 LF. 12" RCP @ 0.27%	45 TO 46	8 LF. 12" RCP @ 2.00%	56 TO 57	35 LF. 12" RCP @ 0.25%	69 TO 70	4" DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.90 EAST INV. = 841.10 (18') WEST INV. = 841.10 (18') SUMP INV. = 840.90 (4')	84	3" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 852.25 D.S. INV. = 848.10 (6') EAST INV. = 847.10 (12') WEST INV. = 847.10 (12')	110 TO 111	83 LF. 12" RCP @ 2.65%	116	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
13 TO 14	5 LF. 12" RCP @ 0.40%	46 TO 47	8 LF. 12" RCP @ 2.00%	57 TO 58	5 LF. 12" RCP @ 1.00%	70 TO 71	53 LF. 18" PERF. ADS N-12 @ 0.12%	85	4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 851.00 NORTH INV. = 845.65 (12') SOUTH INV. = 845.45 (15')	111 TO 112	83 LF. 12" RCP @ 2.65%	117	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
14	STA. 82+41 - 23' RT. 4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B CLOSED LID RIM = 848.34 NORTH INV. = 843.71 (12') EAST INV. = 840.01 (18') WEST INV. = 840.01 (18')	47 TO 48	8 LF. 12" RCP @ 2.00%	58 TO 59	250 LF. 18" RCP @ 0.55%	71 TO 72	101 LF. 18" PERF. ADS N-12 @ 0.12%	86	STA. 21+37 - LT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE C GRATE T/C = 850.01 S.E. INV. = 845.51 (12')	112 TO 113	83 LF. 12" RCP @ 2.65%	118	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
14 TO 26	62 LF. 18" RCP @ 0.42%	48 TO 49	8 LF. 12" RCP @ 2.00%	59 TO 60	STA. 54+30 - LT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 846.05 SOUTH INV. = 841.30 (12') EAST INV. = 840.90 (18') WEST INV. = 840.90 (18')	72	2" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 845.24 WEST INV. = 840.74 (6') SUMP INV. = 840.94 (4')	87	STA. 21+37 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE C GRATE T/C = 850.01 S.E. INV. = 845.51 (12')	113 TO 114	83 LF. 12" RCP @ 2.65%	119	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')
15	RESERVED	49 TO 50	STA. 44+50 - RT. 5" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.14 SW INV. = 840.61 (12')	60 TO 61	5' LF. 12" RCP @ 1.00%	73	2" DIA. INLET TYPE A WITH TYPE B GRATE RIM = 845.24 WEST INV. = 840.74 (6') SUMP INV. = 840.94 (4')	88	STA. 21+37 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE C GRATE T/C = 850.01 S.E. INV. = 845.51 (12')	114 TO 115	83 LF. 12" RCP @ 2.65%	120	STA. 1+25 - RT. 2" DIA. INLET TYPE A WITH NEENAH R-107T-B FRAME & TYPE B OPEN LID RIM = 845.70 D.S. INV. = 841.40 (6') WEST INV. = 841.00 (12') EAST INV. = 841.00 (12')

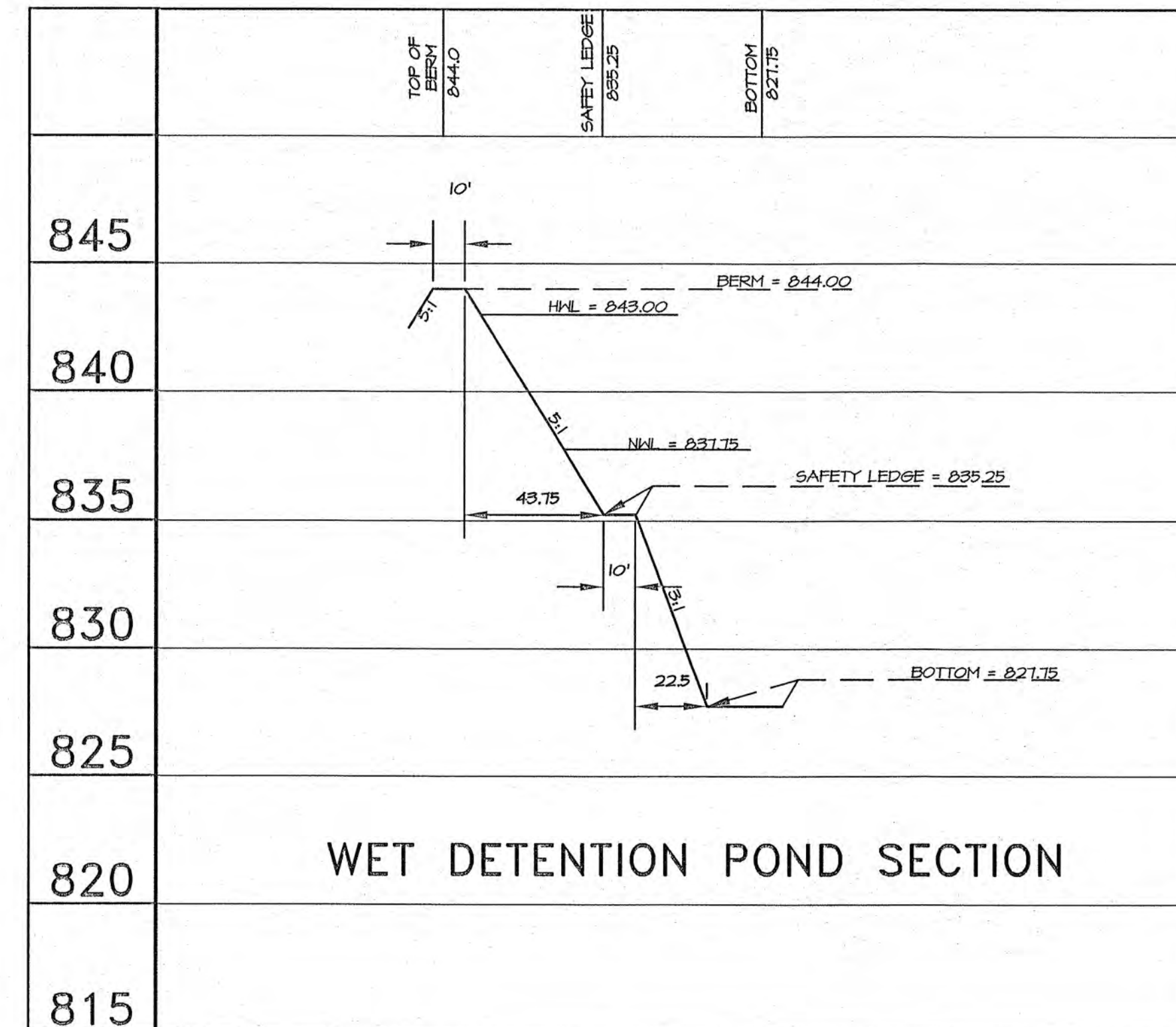


Date	Revision	By
3/28/09	UPDATED STORM LEGENDS PER CITY REVIEW	JCB
1/18/09	REVISED PER CITY 4/7/05 REVIEW	JCB
12/01/08	REVISED PER CITY	JCB
3/28/08	REVISED PER CITY	JCB

CAMDEN CROSSINGS STORM SEWER LEGENDS		Sheet 6 of 23
CHECKED BY: KCB DATE: 01-05-05	DRAWN BY: JCB DATE: 01-05-05	ds1250b1

700 WEST LOCUST ST., BELVIDERE, IL 61008
(815)-547-8435 FAX: (815)-544-0421

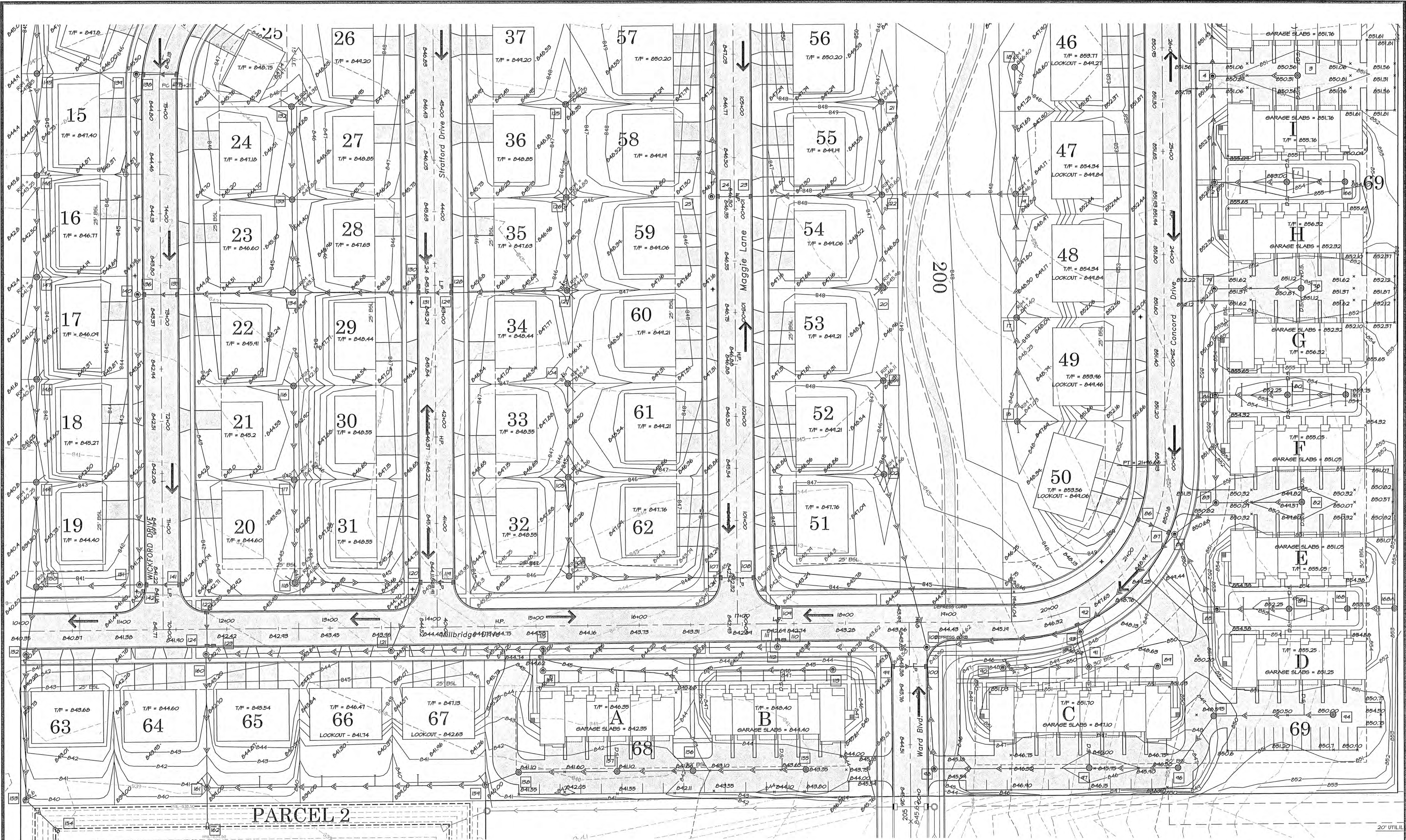
101 TO 102	90 L.F. 12" RCP @ 1.61%	114	3' DIA. INLET TYPE A WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 845.20 NORTH INV. = 840.54 (8') WEST INV. = 840.54 (8')	126	2' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 844.83 NORTH INV. = 840.33 (12') SOUTH INV. = 840.33 (12') SUMP INV. = 840.33 (4')	138	STA. 75+35 - LT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.15 EAST INV. = 840.51 (12') WEST INV. = 840.51 (12')	151	STA. 70+43 - 23' LT. 6' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 841.51 NORTH INV. = 835.32 (24') EAST INV. = 835.84 (12') WEST INV. = 834.42 (30')
102	3' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 844.66 NORTH INV. = 840.16 (12') SOUTH INV. = 840.16 (12') SUMP INV. = 840.66 (4')	114 TO 115	21 L.F. 8" HD. PVC SDR @ 1.57%	126 TO 127	90 L.F. 12" RCP @ 0.52%	138 TO 139	5 L.F. 12" RCP @ 0.60%	151 TO 150	100 L.F. 30" RCP @ 0.13%
102 TO 103	172 L.F. 12" RCP @ 0.67%	115	STA. 15+06 - 23' RT. 5' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 844.76 SOUTH INV. = 840.26 (8') EAST INV. = 835.84 (36') WEST INV. = 835.84 (36')	127	4' DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.78 NORTH INV. = 839.86 (12') WEST INV. = 840.78 (4')	139	STA. 75+35 - 23' LT. 4' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 845.26 EAST INV. = 840.48 (12') SOUTH INV. = 840.48 (12')	152	STA. 10+05 - 23' RT. 6' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 840.72 NORTH INV. = 834.72 (36') SOUTH INV. = 834.72 (36')
103	STA. 10+10.5 - 24' RT. 3' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 843.61 SOUTH INV. = 838.62 (15') EAST INV. = 838.63 (15') NORTH INV. = 839.01 (12') WEST INV. = 837.54 (24')	115 TO 121	147 L.F. 36" RCP @ 0.12%	127 TO 128	111 L.F. 15" RCP @ 0.34%	140	STA. 75+22 - 23' LT. 5' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 843.74 NORTH INV. = 839.22 (12') EAST INV. = 837.52 (24') SOUTH INV. = 837.52 (24')	152 TO 153	140 L.F. 36" RCP @ 0.10%
103 TO 112	145 L.F. 24" RCP @ 0.34%	116	2' DIA. STORM INLET TYPE A WITH TYPE B GRATE RIM = 842.10 SOUTH INV. = 837.60 (12') SUMP INV. = 838.10 (4')	128	STA. 43+28 - RT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.30 SOUTH INV. = 840.80 (12')	140 TO 141	218 L.F. 12" RCP @ 0.54%	153	6' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 839.50 NORTH INV. = 834.50 (36') S.E. INV. = 834.50 (36') SUMP INV. = 835.48 (4')
104	2' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 843.64 SOUTH INV. = 841.14 (12') SUMP INV. = 841.64 (4')	116 TO 117	90 L.F. 12" RCP @ 0.30%	128 TO 129	6 L.F. 12" RCP @ 0.50%	141	STA. 70+43 - RT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 841.28 NORTH INV. = 839.22 (12') EAST INV. = 837.52 (24') WEST INV. = 837.52 (24')	153 TO 154	44 L.F. 36" RCP @ 0.18%
104 TO 105	90 L.F. 12" RCP @ 1.53%	117	2' DIA. STORM INLET TYPE A WITH TYPE B GRATE RIM = 841.83 NORTH INV. = 837.33 (12') SOUTH INV. = 837.33 (12') SUMP INV. = 837.83 (4')	129	STA. 43+22 - RT. 4' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.30 NORTH INV. = 840.77 (12') EAST INV. = 839.28 (15') WEST INV. = 839.08 (18')	141 TO 142	35 L.F. 12" RCP @ 0.26%	154	36" PRECAST END SECTION WITH TRASH RACK INV. = 834.50
105	2' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 844.26 NORTH INV. = 839.76 (12') SOUTH INV. = 839.76 (12') SUMP INV. = 840.26 (4')	117 TO 118	90 L.F. 12" RCP @ 0.36%	129 TO 131	35 L.F. 18" RCP @ 0.26%	142	STA. 70+43 - LT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 841.28 EAST INV. = 835.92 (12') WEST INV. = 835.92 (12')	155	2' DIA. INLET TYPE A WITH NEENAH R-2071 FRAME & TYPE B OPEN LID RIM = 843.35 WEST INV. = 838.85 (12')
105 TO 106	45 L.F. 12" RCP @ 0.24%	118	4' DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 841.83 NORTH INV. = 836.98 (12') EAST INV. = 836.78 (15') SUMP INV. = 837.83 (4')	131	STA. 43+22 - LT. 4' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.30 NORTH INV. = 840.77 (12') EAST INV. = 839.28 (15') WEST INV. = 839.08 (18')	142 TO 151	5 L.F. 12" RCP @ 0.60%	155 TO 156	104 L.F. 12" RCP @ 0.92%
106	4' DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 844.26 NORTH INV. = 839.48 (12') EAST INV. = 839.48 (12') SUMP INV. = 840.26 (4')	118 TO 120	120 L.F. 15" RCP @ 0.15%	131 TO 134	121 L.F. 18" RCP @ 0.64%	143	18" PRECAST END SECTION WITH TRASH RACK INV. = 837.75 (18') WITH 6" ORIFICE	156	2' DIA. INLET TYPE A WITH NEENAH R-2071 FRAME & TYPE B OPEN LID RIM = 842.35 EAST INV. = 837.85 (12') WEST INV. = 837.85 (12')
106 TO 107	146 L.F. 12" RCP @ 1.06%	119	STA. 40+43 - RT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 844.03 WEST INV. = 839.42 (12')	132	2' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 844.58 NORTH INV. = 839.88 (12') SOUTH INV. = 840.38 (4')	143 TO 144	412 L.F. 18" RCP @ 0.21%	156 TO 157	74 L.F. 12" RCP @ 1.64%
107	STA. 100+43 - LT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 842.44 WEST INV. = 837.93 (12') EAST INV. = 837.54 (18')	119 TO 120	35 L.F. 12" RCP @ 0.25%	132 TO 133	40 L.F. 12" RCP @ 0.64%	144	4' DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 843.25 NORTH INV. = 837.51 (18') SOUTH INV. = 837.51 (18') SUMP INV. = 837.25 (4')	157	3' DIA. INLET TYPE A WITH NEENAH R-2071 FRAME & TYPE B OPEN LID RIM = 841.10 S.E. INV. = 837.00 (6') EAST INV. = 836.60 (12') WEST INV. = 836.60 (12')
107 TO 108	35 L.F. 18" RCP @ 0.14%	120	STA. 40+43 - LT. 4' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 844.03 EAST INV. = 839.33 (12') WEST INV. = 836.60 (15') SOUTH INV. = 836.60 (15')	133	2' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 843.80 NORTH INV. = 839.30 (12') SOUTH INV. = 839.30 (12') SUMP INV. = 839.80 (4')	144 TO 145	129 L.F. 18" RCP @ 0.12%	157 TO 158	45 L.F. 12" RCP @ 0.91%
108	STA. 100+43 - RT. 4' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 842.44 WEST INV. = 837.44 (18') S.E. INV. = 837.44 (18')	120 TO 121	71 L.F. 15" RCP @ 0.35%	133 TO 134	40 L.F. 12" RCP @ 0.77%	145	4' DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 843.25 NORTH INV. = 837.35 (18') SOUTH INV. = 837.35 (18') SUMP INV. = 837.25 (4')	158	3' DIA. INLET TYPE A WITH NEENAH R-2071 FRAME & TYPE B OPEN LID RIM = 841.10 EAST INV. = 835.75 (12') S.E. INV. = 835.75 (12')
108 TO 109	35 L.F. 18" RCP @ 0.20%	121	STA. 13+51 - 23' RT. 6' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 844.27 NORTH INV. = 836.35 (15') EAST INV. = 835.71 (36') WEST INV. = 835.71 (36')	134	5' DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 843.11 NORTH INV. = 838.61 (12') EAST INV. = 838.21 (18') WEST INV. = 837.81 (24') SUMP INV. = 834.11 (4')	145 TO 146	99 L.F. 18" RCP @ 0.14%	158 TO 159	34 L.F. 12" RCP @ 0.97%
109	STA. 17+34 - LT. 5' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 842.81 N.E. INV. = 837.42 (18') SOUTH INV. = 837.02 (24')	121 TO 160	180 L.F. 36" RCP @ 0.15%	134 TO 135	111 L.F. 24" RCP @ 0.18%	146	4' DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 843.25 NORTH INV. = 837.21 (18') SOUTH INV. = 837.21 (18') SUMP INV. = 834.25 (4')	159	4' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 839.50 N.E. INV. = 835.40 (12') WEST INV. = 835.20 (15') SUMP INV. = 835.40 (4')
109 TO 111	35 L.F. 24" RCP @ 0.10%	122	STA. 11+81 - LT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 842.35 SOUTH INV. = 837.17 (12')	135	STA. 75+22 - RT. 5' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.68 EAST INV. = 837.61 (24') WEST INV. = 837.61 (24')	146 TO 147	99 L.F. 18" RCP @ 0.16%	160	STA. 11+74 - 23' RT. 7' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 842.44 NORTH INV. = 836.96 (12') EAST INV. = 835.44 (36') SOUTH INV. = 835.44 (36')
110	STA. 17+40 - RT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 842.82 WEST INV. = 838.32 (12')	122 TO 124	35 L.F. 12" RCP @ 0.26%	135 TO 136	35 L.F. 24" RCP @ 0.21%	147	4' DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 841.75 NORTH INV. = 837.05 (18') SOUTH INV. = 837.05 (18') SUMP INV. = 838.05 (4')	160 TO 161	124 L.F. 36" RCP @ 0.50%
110 TO 111	6 L.F. 12" RCP @ 0.50%	123	STA. 11+87 - RT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 842.41 WEST INV. = 837.25 (12')	136	STA. 75+22 - LT. 5' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.68 EAST INV. = 837.54 (24') WEST INV. = 837.54 (24')	147 TO 148	99 L.F. 18" RCP @ 0.19%	161	7' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 840.00 SUMP INV. = 836.00 (4')
111	STA. 17+34 - RT. 5' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 842.81 EAST INV. = 838.24 (12') NORTH INV. = 836.98 (24') SOUTH INV. = 836.98 (24')	123 TO 124	6 L.F. 12" RCP @ 1.33%	136 TO 140	5 L.F. 24" RCP @ 0.40%	148	4' DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 840.25 NORTH INV. = 836.86 (18') SOUTH INV. = 836.86 (18') SUMP INV. = 837.86 (4')	161 TO 162	35 L.F. 36" RCP @ 0.82%
111 TO 112	6 L.F. 24" RCP @ 0.16%	124	STA. 11+81 - RT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 842.35 NORTH INV. = 837.08 (12') EAST INV. = 837.17 (12') SOUTH INV. = 837.08 (12')	140	STA. 75+35 - RT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.15 WEST INV. = 840.60 (12')	148 TO 149	99 L.F. 18" RCP @ 0.26%	162	36" DIA. PRECAST END SECTION WITH TRASH RACK INV. = 834.50 (36')
112	STA. 17+34 - 23' RT. 6' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 842.42 EAST INV. = 836.97 (24') NORTH INV. = 836.97 (24') WEST INV. = 836.17 (36')	124 TO 160	6 L.F. 12" RCP @ 2.00%	149	STA. 15+35 - RT. 2'X3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 845.15 WEST INV. = 840.60 (12')	149 TO 150	100 L.F. 18" RCP @ 0.85%	162 TO 163	56 L.F. 6" HD. PVC SDR 26 @ 2.00%
112 TO 113	227 L.F. 36" RCP @ 0.12%	125	2' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 846.05 SOUTH INV. = 842.05 (4')	149 TO 150	35 L.F. 12" RCP @ 0.26%	150	6' DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 839.75 NORTH INV. = 835.15 (18') EAST INV. = 834.74 (30') SOUTH INV. = 834.74 (36') SUMP INV. = 835.75 (4')	163	2' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 850.70 WEST INV. = 846.70 (6') SUMP INV. = 846.90 (4')
113	2' DIA. INLET TYPE A WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 846.00 WEST INV. = 842.00 (8')	125 TO 126	90 L.F. 12" RCP @ 1.36%	150 TO 152	66 L.F. 36" RCP @ 0.10%	150	6' DIA. STORM MANHOLE WITH TYPE B GRATE RIM = 850.70 WEST INV. = 846.70 (6') SUMP INV. = 846.90 (4')	163 TO 164	56 L.F. 6" HD. PVC SDR 26 @ 1.96%
113 TO 114	281 L.F. 8" HD. PVC SDR @ 0.50%								



164	2' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 850.70 WEST INV. = 846.70 (6') SUMP INV. = 846.90 (4')	165A	3' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 849.30 WEST INV. = 843.44 (15') EAST INT. = 843.44 (12') (FLUG)
164 TO 45	56 L.F. 6" HD. PVC SDR 26 @ 1.96%	165A TO 165	52 L.F. 15" RCP @ 0.27%
165	3' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 851.87 WEST INV. = 849.80 (15') EAST INV. = 849.80 (15') SUMP INV. = 844.80 (4')	165A	3' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 852.00 WEST INV. = 848.09 (12')
165 TO 7	56 L.F. 15" RCP @ 0.30%	165A TO 165	46 L.F. 12" RCP @ 0.30%
166	2' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 854.12 WEST INV. = 850.12 (6') SUMP INV. = 850.32 (4')		
166 TO 1	56 L.F. 6" HD. PVC SDR 26 @ 2.00%		
167	2' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 853.37 WEST INV. = 849.37 (6') SUMP INV. = 849.57 (4')		
167 TO 80	56 L.F. 6" HD. PVC SDR 26 @ 2.00%		
168	3' DIA. INLET TYPE A WITH TYPE B GRATE RIM = 853.37 WEST INV. = 849.37 (12') EAST INV. = 849.37 (12') SUMP INV. = 848.55 (4')		
168 TO 84	56 L.F. 12" RCP @ 0.30%		



Date	Revision	By
3/28/05	UPDATED STORM LEGENDS PER CITY REVIEW	TJC
4/18/05	REVISED PER CITY 4/7/05 REVIEW	JMB
12/01/05	REVISED PER CITY	JMB
3/28/06	REVISED PER CITY	JMB
CAMDEN CROSSINGS Storm Sewer legend 2 of 2 & Pond Detail		
CHECKED BY: KCB DATE: 01-05-05	DRAWN BY: TJC DATE: 01-05-05	Sheet 7 of 23
ds125061		



SCALE 1" = 40'

Date	Revision	By
3/28/05	UPDATED PROPOSED CONTOURS AND SPOT ELEVATION • INTERSECTION	TJC
4/16/05	PER CITY REVIEW	JMB
4/16/05	REVISED PER CITY 4/7/05 REVIEW	JMB
12/01/05	REVISED PER CITY	JMB

CAMDEN CROSSINGS
South Overall Grading Plan

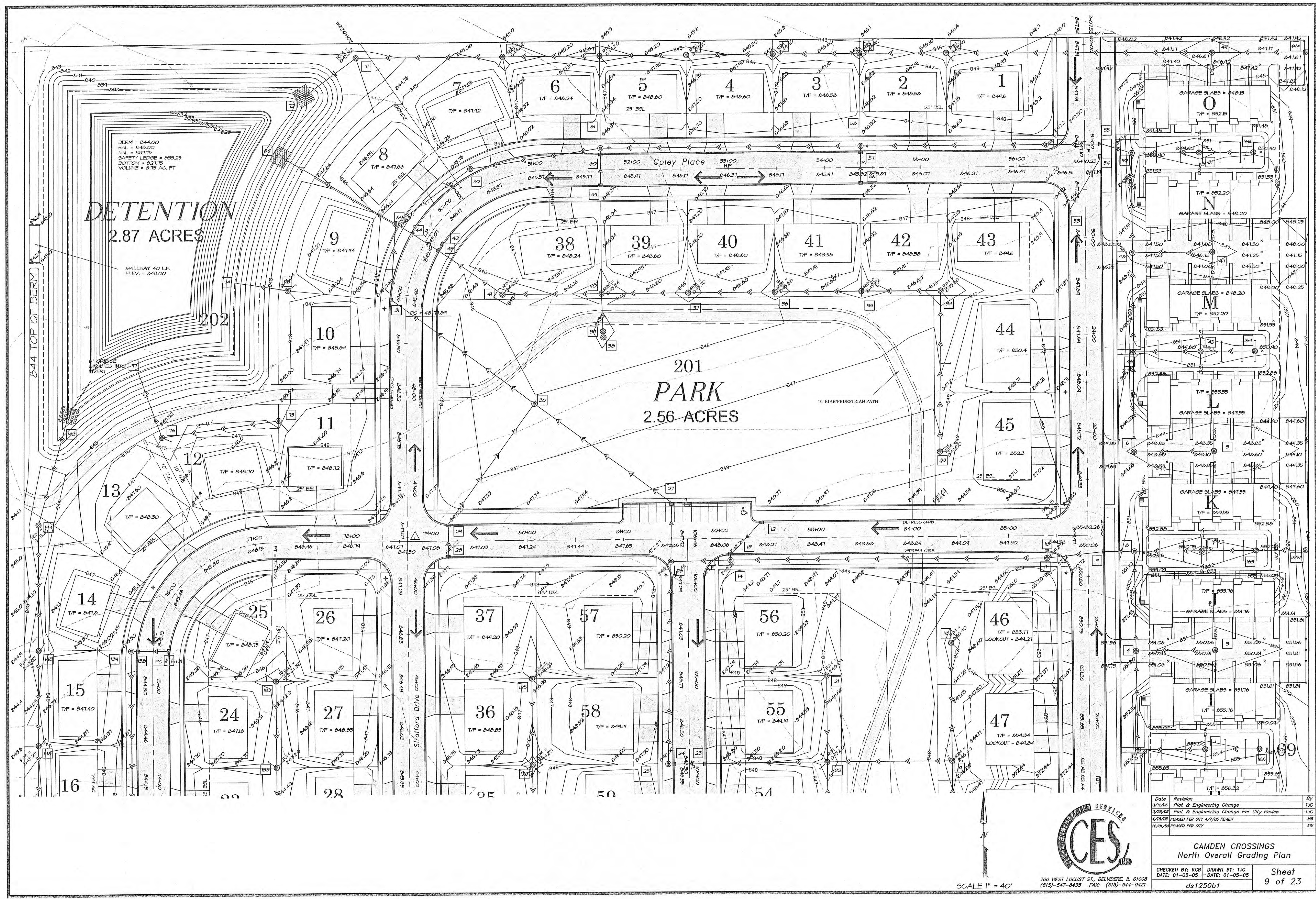
Sheet
8 of 23

CHECKED BY: KCB
DATE: 01-05-05

DRAWN BY: TJC
DATE: 01-05-05

ds1250b1

700 WEST LOCUST ST., BELVIDERE, IL 61008
(815)-547-8435 FAX: (815)-544-0421



DETENTION
2.87 ACRES

201 PARK
2.56 ACRES

Date	Revision	By
3/11/08	Plot & Engineering Change	TJC
3/28/08	Plot & Engineering Change Per City Review	TJC
4/16/08	REMOVED PER CITY 4/7/08 REVIEW	JAB
12/01/08	REMOVED PER CITY	JAB

CAMDEN CROSSINGS
North Overall Grading Plan

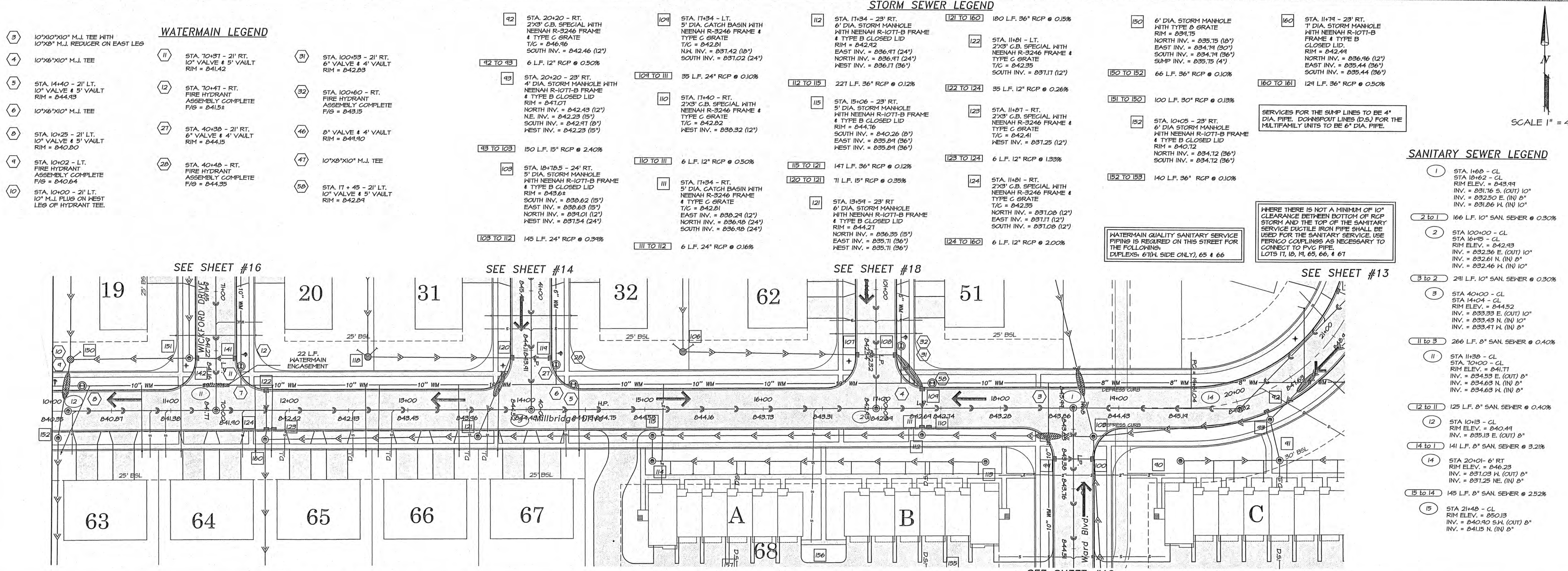
CHECKED BY: KCB	DRAWN BY: TJC	Sheet
DATE: 01-05-05	DATE: 01-05-05	9 of 23

ds1250b1



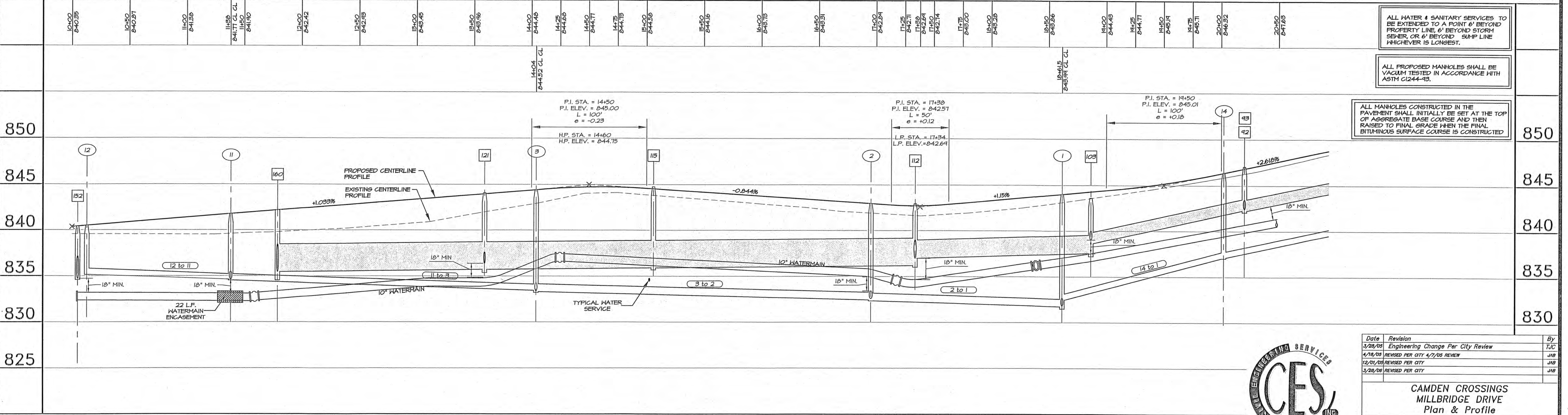
700 WEST LOCUST ST., BELVIDERE, IL 61008
(815)-547-8435 FAX: (815)-544-0421

SCALE 1" = 40'



MILLBRIDGE DRIVE/ CONCORD DRIVE

SCALE:
1" = 40'-0" Horizontal
1" = 5'-0" Vertical



ALL WATER & SANITARY SERVICES TO BE EXTENDED TO A POINT 6' BEYOND PROPERTY LINE, 6' BEYOND STORM SEWER, OR 6' BEYOND SUMP LINE WHICHEVER IS LONGEST.

ALL PROPOSED MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH ASTM C1244-03.

ALL MANHOLES CONSTRUCTED IN THE PAVEMENT SHALL INITIALLY BE SET AT THE TOP OF AGGREGATE BASE COURSE AND THEN RAISED TO FINAL GRADE WHEN THE FINAL BITUMINOUS SURFACE COURSE IS CONSTRUCTED.



Date	Revision	By
3/28/05	Engineering Change Per City Review	TJC
4/18/05	REVISED PER CITY 4/7/05 REVIEW	JAB
12/01/05	REVISED PER CITY	JAB
3/28/06	REVISED PER CITY	JAB

CAMDEN CROSSINGS
MILLBRIDGE DRIVE
Plan & Profile

CHECKED BY: KCB DATE: 12-21-04
DRAWN BY: TJC DATE: 12-21-04
ds1250b1

Sheet
12 of 23

700 WEST LOCUST ST., BELVIDERE, IL 61008
(815)-547-8435 FAX: (815)-544-0421

WATERMAIN LEGEND

- 31 STA. 100+53 - 21" RT. 6" VALVE & 4" VAULT RIM = 842.83
- 39 10"x6"x10" M.J. TEE
- 25 STA. 56+23 - 21" RT. 10" VALVE & 5" VAULT RIM = 846.76
- 26 10"x10"x10" M.J. TEE
- 47 10"x8"x10" M.J. TEE
- 48 STA. 21+20 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 844.13
- 49 STA. 22+87 - 21" RT. 10" VALVE & 5" VAULT RIM = 851.55
- 50 STA. 24+00 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 852.07
- 51 STA. 26+65 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 852.77
- 52 STA. 27+24 - 21" RT. 10" VALVE & 5" VAULT RIM = 844.21
- 53 STA. 29+61 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 847.42
- 54 STA. 32+05 - 21" RT. 10" VALVE & 5" VAULT RIM = 847.53
- 55 STA. 31+66 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 847.64
- 56 STA. 32+10 - 21" RT. 10" M.J. PLUG 5' NORTH OF VALVE VAULT

WATERMAIN QUALITY SANITARY SERVICE PIPING IS REQUIRED ON THIS STREET FOR THE FOLLOWING MULTIFAMILY UNITS: 1, 4, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56

STORM SEWER LEGEND

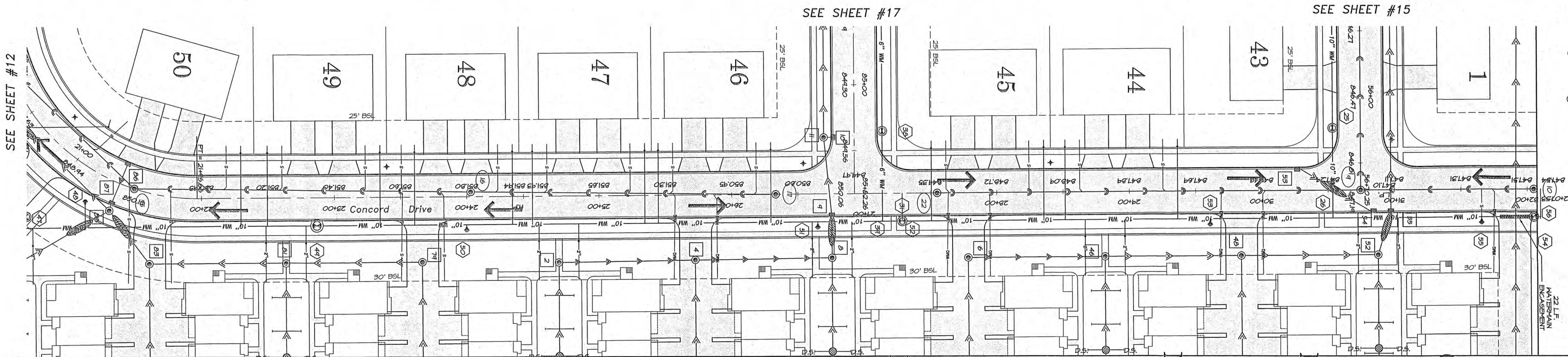
- 8 TO 9 31 LF. 15" RCP @ 0.75%
- 9 STA. 26+75 - RT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 850.40 EAST INV. = 843.19 (15') WEST INV. = 843.19 (15')
- 9 TO 11 60 LF. 15" RCP @ 1.41%
- 10 STA. 85+40 - RT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 841.50 SOUTH INV. = 845.06 (12')
- 10 TO 11 5 LF. 12" RCP @ 0.40%
- 11 STA. 85+40 - 23" RT. 4' DIA. CATCH BASIN WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 841.64 NORTH INV. = 845.06 (12') EAST INV. = 842.34 (15') WEST INV. = 842.24 (18')
- 53 STA. 30+27 - LT. 4' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 841.50 NE INV. = 843.00 (12')
- 53 TO 54 67 LF. 12" RCP @ 0.34%
- 54 STA. 30+84 - RT. 4' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 841.21 S.W. INV. = 842.71 (12') NORTH INV. = 845.42 (12')
- 54 TO 55 13 LF. 12" RCP @ 0.67%
- 55 STA. 30+97 - RT. 4' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 841.22 SOUTH INV. = 842.68 (12') NE INV. = 845.17 (15') SE INV. = 845.37 (12') S.W. INV. = 845.17 (15')
- 86 STA. 21+37 - LT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 850.01 SE INV. = 845.51 (12')
- 86 TO 87 35 LF. 12" RCP @ 0.25%
- 87 STA. 21+37 - RT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 850.01 N.W. INV. = 845.42 (12') SE INV. = 845.42 (12')
- 87 TO 88 5 LF. 12" RCP @ 1.00%
- 88 STA. 21+37 - 23" RT. 5' DIA. STORM MANHOLE WITH NEENAH R-1071-B & TYPE B CLOSED LID RIM = 850.12 N.W. INV. = 845.37 (12') NE INV. = 845.17 (15') SE INV. = 845.37 (12') S.W. INV. = 845.17 (15')

SCALE 1" = 40'

SANITARY SEWER LEGEND

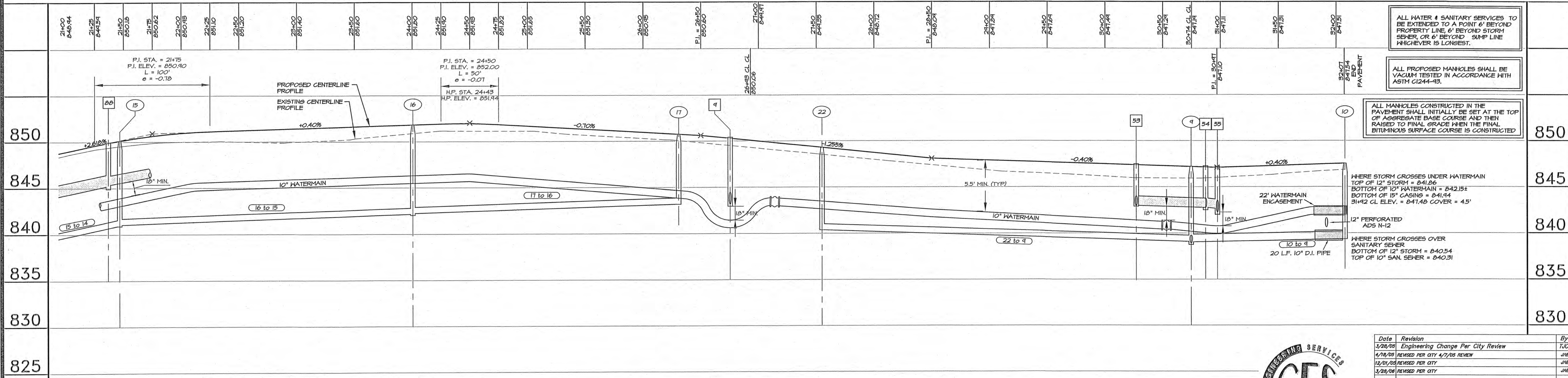
- 9 STA. 56+70 - CL STA. 30+75 - CL RIM ELEV. = 847.14 INV. = 838.44 N. (OUT) 10" INV. = 834.04 S. (IN) 8"
- 10 TO 9 130 LF. 10" SAN. SEWER @ 0.30% THE NORTHERN MOST 20 LF. TO BE CLASS 52 DUCTILE IRON PIPE.
- 10 STA. 32+05 - CL RIM ELEV. = 847.53 INV. = 839.43 S. (OUT) 10"
- 15 TO 14 145 LF. 8" SAN. SEWER @ 2.52%
- 15 STA. 21+48 - CL RIM ELEV. = 850.13 INV. = 840.90 S.W. (OUT) 8" INV. = 841.15 N. (IN) 8"
- 16 TO 15 254 LF. 8" SAN. SEWER @ 0.40%
- 16 STA. 24+03 - 4' LT. DIA. PIPE. DOWNSPOUT LINES (D.S.) FOR THE MULTIFAMILY UNITS TO BE 6" DIA. PIPE. RIM ELEV. = 851.73 INV. = 842.16 S. (OUT) 8" INV. = 842.26 N. (IN) 8"
- 17 TO 16 230 LF. 8" SAN. SEWER @ 0.40%
- 17 STA. 26+33 - CL RIM ELEV. = 850.72 INV. = 843.18 S. (OUT) 8"
- 21 TO 20 113 LF. 8" SAN. SEWER @ 0.40%
- 21 STA. 74+42 - 2' LT. DIA. PIPE. DOWNSPOUT LINES (D.S.) FOR THE MULTIFAMILY UNITS TO BE 6" DIA. PIPE. RIM ELEV. = 844.37 INV. = 837.54 N. (OUT) 8"
- 22 TO 9 320 LF. 8" SAN. SEWER @ 0.40%
- 22 STA. 27+55 - CL RIM ELEV. = 849.24 INV. = 840.37 N. (OUT) 8"

SERVICES FOR THE SUMP LINES TO BE 4" DIA. PIPE. DOWNSPOUT LINES (D.S.) FOR THE MULTIFAMILY UNITS TO BE 6" DIA. PIPE.



MILLBRIDGE DRIVE/ CONCORD DRIVE

SCALE: 1" = 40'-0" Horizontal 1" = 5'-0" Vertical



ALL WATER & SANITARY SERVICES TO BE EXTENDED TO A POINT 6' BEYOND PROPERTY LINE, 6' BEYOND STORM SEWER, OR 6' BEYOND SUMP LINE WHICHEVER IS LONGEST.

ALL PROPOSED MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH ASTM C1244-03.

ALL MANHOLES CONSTRUCTED IN THE PAVEMENT SHALL INITIALLY BE SET AT THE TOP OF AGGREGATE BASE COURSE AND THEN RAISED TO FINAL GRADE WHEN THE FINAL BITUMINOUS SURFACE COURSE IS CONSTRUCTED.

WHERE STORM CROSSES UNDER WATERMAIN TOP OF 12" STORM = 841.86 BOTTOM OF 10" WATERMAIN = 842.15± BOTTOM OF 15" CASING = 841.9± 31+42 CL ELEV. = 847.48 COVER = 4.5'

WHERE STORM CROSSES OVER SANITARY SEWER BOTTOM OF 12" STORM = 840.54 TOP OF 10" SAN. SEWER = 840.31



Date	Revision	By
3/28/05	Engineering Change Per City Review	TJC
4/18/05	REVISED PER CITY 4/7/05 REVIEW	JMB
12/01/05	REVISED PER CITY	JMB
3/28/06	REVISED PER CITY	JMB

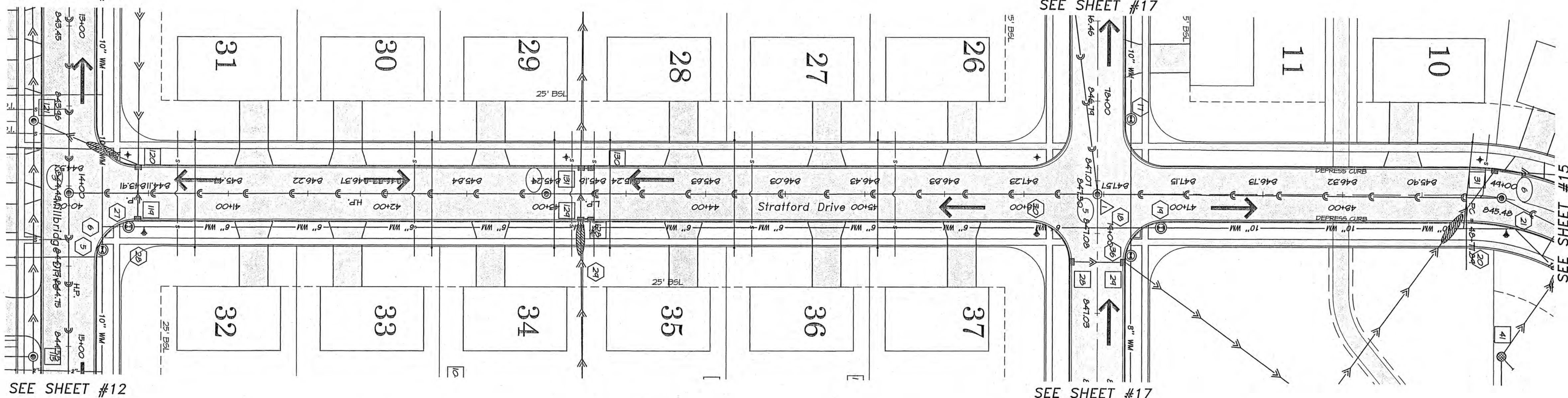
CAMDEN CROSSINGS
CONCORD DRIVE
Plan & Profile
CHECKED BY: kob DATE: 01-05-05
DRAWN BY: TJC DATE: 01-05-05
ds1250b1
Sheet 13 of 23

700 WEST LOCUST ST., BELVIDERE, IL 61008
(815)-547-8435 FAX: (815)-544-0421

STORM SEWER LEGEND

- 119 STA. 40+43 - RT.
2'x3' C.B. SPECIAL WITH
NEENAH R-3246 FRAME &
TYPE C GRATE
T/C = 0.44.03
WEST INV. = 039.42 (12')
- 119 TO 120 35 L.F. 12" RCP @ 0.25%
- 120 STA. 40+43 - LT.
4' DIA. CATCH BASIN WITH
NEENAH R-3246 FRAME
& TYPE C GRATE
T/C = 0.44.03
EAST INV. = 039.33 (12')
WEST INV. = 036.60 (19')
SOUTH INV. = 036.60 (15')
- 120 TO 121 71 L.F. 15" RCP @ 0.35%
- 121 STA. 13+51 - 23' RT.
6' DIA. STORM MANHOLE
WITH NEENAH R-1071-B FRAME
& TYPE B CLOSED LID
RIM = 044.21
NORTH INV. = 036.35 (15')
EAST INV. = 035.71 (36')
WEST INV. = 035.71 (36')
- 121 TO 160 180 L.F. 36" RCP @ 0.15%
- 128 STA. 43+28 - RT.
2'x3' C.B. SPECIAL WITH
NEENAH R-3246 FRAME &
TYPE C GRATE
T/C = 0.45.50
SOUTH INV. = 040.80 (12')
- 128 TO 129 6 L.F. 12" RCP @ 0.50%
- 129 STA. 43+22 - RT.
4' DIA. CATCH BASIN
WITH NEENAH R-3246 FRAME
& TYPE C GRATE
T/C = 0.45.30
NORTH INV. = 040.71 (12')
EAST INV. = 039.28 (15')
WEST INV. = 039.08 (18')
- 129 TO 130 35 L.F. 18" RCP @ 0.26%
- 130 STA. 43+28 - LT.
2'x3' C.B. SPECIAL WITH
NEENAH R-3246 FRAME
& TYPE C GRATE
T/C = 0.45.30
SOUTH INV. = 040.80 (12')
- 130 TO 131 6 L.F. 12" RCP @ 0.50%
- 131 STA. 43+22 - LT.
4' DIA. M.H.
WITH NEENAH R-3246 FRAME
& TYPE C GRATE
T/C = 0.45.30
NORTH INV. = 040.71 (12')
EAST INV. = 039.99 (18')
WEST INV. = 039.99 (18')
- 131 TO 134 121 L.F. 18" RCP @ 0.64%
- 29 STA. 74+18 - LT.
4' DIA. CATCH BASIN WITH
NEENAH R-3246 FRAME
& TYPE C GRATE
T/C = 0.41.02
SOUTH INV. = 042.43 (12')
N.E. INV. = 042.43 (12')
- 29 TO 30 153 L.F. 12" RCP @ 0.58%
- 30 STA. 74+18 - RT.
2'x3' C.B. SPECIAL WITH
NEENAH R-3246 FRAME
& TYPE C GRATE
T/C = 0.41.02
NORTH INV. = 042.52 (12')
SOUTH INV. = 042.52 (12')
- 30 TO 31 184 L.F. 36" RCP @ 0.12%
- 31 STA. 48+14 - LT.
6' DIA. C.B. SPECIAL WITH
NEENAH R-3246 FRAME
& TYPE C GRATE
T/C = 0.45.65
NORTH INV. = 038.34 (36')
S.E. INV. = 038.34 (36')
- 31 TO 63 78 L.F. 36" RCP @ 0.12%
- 18+75.52 = AHEAD
18+58.35 = BACK
- SERVICES FOR THE SUMP LINES TO BE 4" DIA. PIPE. DOWNSPOUT LINES (D.S.) FOR THE MULTIFAMILY UNITS TO BE 6" DIA. PIPE.

SEE SHEET #12



SEE SHEET #12

SEE SHEET #17

SEE SHEET #17

WATERMAIN LEGEND

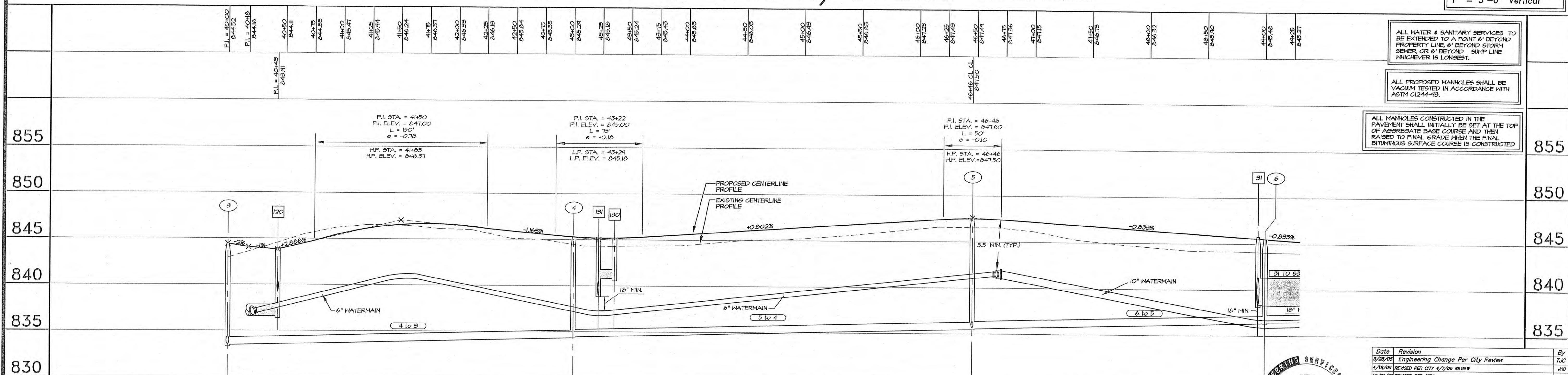
- 18 10"x10" M.J. CROSS
WITH 10"x8" M.J.
REDUCER ON EAST LEG
AND 10"x6" M.J.
REDUCER ON SOUTH LEG
- 19 STA. 14+00 - 21' LT.
10" VALVE & 5' VAULT
RIM = 044.13
- 20 10"x6"x10" M.J. TEE
- 21 STA. 73+33 - RT.
FIRE HYDRANT
ASSEMBLY COMPLETE
F/G = 043.42
- 22 STA. 46+08 - 21' RT.
10" VALVE & 5' VAULT
RIM = 047.47
- 23 STA. 44+07 - RT.
FIRE HYDRANT
ASSEMBLY COMPLETE
F/G = 045.61
- 24 10" 45° M.J. BEND
- 27 STA. 40+38 - 21' RT.
6" VALVE & 4' VAULT
RIM = 044.13
- 28 STA. 40+48 - RT.
FIRE HYDRANT
ASSEMBLY COMPLETE
F/G = 044.35
- 29 STA. 43+28 - RT.
FIRE HYDRANT
ASSEMBLY COMPLETE
F/G = 045.45
- 30 STA. 46+08 - RT.
FIRE HYDRANT
ASSEMBLY COMPLETE
F/G = 047.54

SANITARY SEWER LEGEND

- 3 TO 2 241 L.F. 10" SAN. SEWER @ 0.30%
- 3 STA. 40+00 - CL
STA. 14+04 - CL
RIM ELEV. = 044.52
INV. = 033.33 E. (OUT) 10"
INV. = 033.43 N. (IN) 10"
INV. = 033.47 N. (IN) 8"
- 4 TO 3 300 L.F. 10" SAN. SEWER @ 0.30%
- 4 STA. 43+00 - CL
RIM ELEV. = 045.24
INV. = 034.33 S. (OUT) 10"
INV. = 034.43 N. (IN) 10"
- 5 TO 4 346 L.F. 10" SAN. SEWER @ 0.30%
- 5 STA. 46+06 - CL
STA. 78+58 - CL
RIM ELEV. = 047.50
INV. = 035.47 S. (OUT) 10"
INV. = 035.57 N. (IN) 10"
INV. = 035.72 N. (IN) 8"
- 6 TO 5 254 L.F. 10" SAN. SEWER @ 0.28%
- 6 STA. 49+00 - CL
RIM ELEV. = 045.48
INV. = 036.28 S. (OUT) 10"
INV. = 036.38 N. (IN) 10"
- 7 TO 6A 64 L.F. 10" SAN. SEWER @ 0.28%
- 6A TO 6 124 L.F. 10" SAN. SEWER @ 0.28%
- 6A STA. 50+23 - 11.2' LT.
RIM ELEV. = 045.04
INV. = 036.73 S.W. (OUT) 10"
INV. = 036.83 N.W. (IN) 10"
INV. = 036.83 N.E. (IN) 10"

STRATFORD DRIVE/COLEY PLACE

SCALE:
1" = 40'-0" Horizontal
1" = 5'-0" Vertical



ALL WATER & SANITARY SERVICES TO
BE EXTENDED TO A POINT 6' BEYOND
PROPERTY LINE, 6' BEYOND STORM
SEWER, OR 6' BEYOND SUMP LINE
WHICHEVER IS LONGEST.

ALL PROPOSED MANHOLES SHALL BE
VACUUM TESTED IN ACCORDANCE WITH
ASTM C1244-93.

ALL MANHOLES CONSTRUCTED IN THE
PAVEMENT SHALL INITIALLY BE SET AT THE TOP
OF AGGREGATE BASE COURSE AND THEN
RAISED TO FINAL GRADE WHEN THE FINAL
BITUMINOUS SURFACE COURSE IS CONSTRUCTED



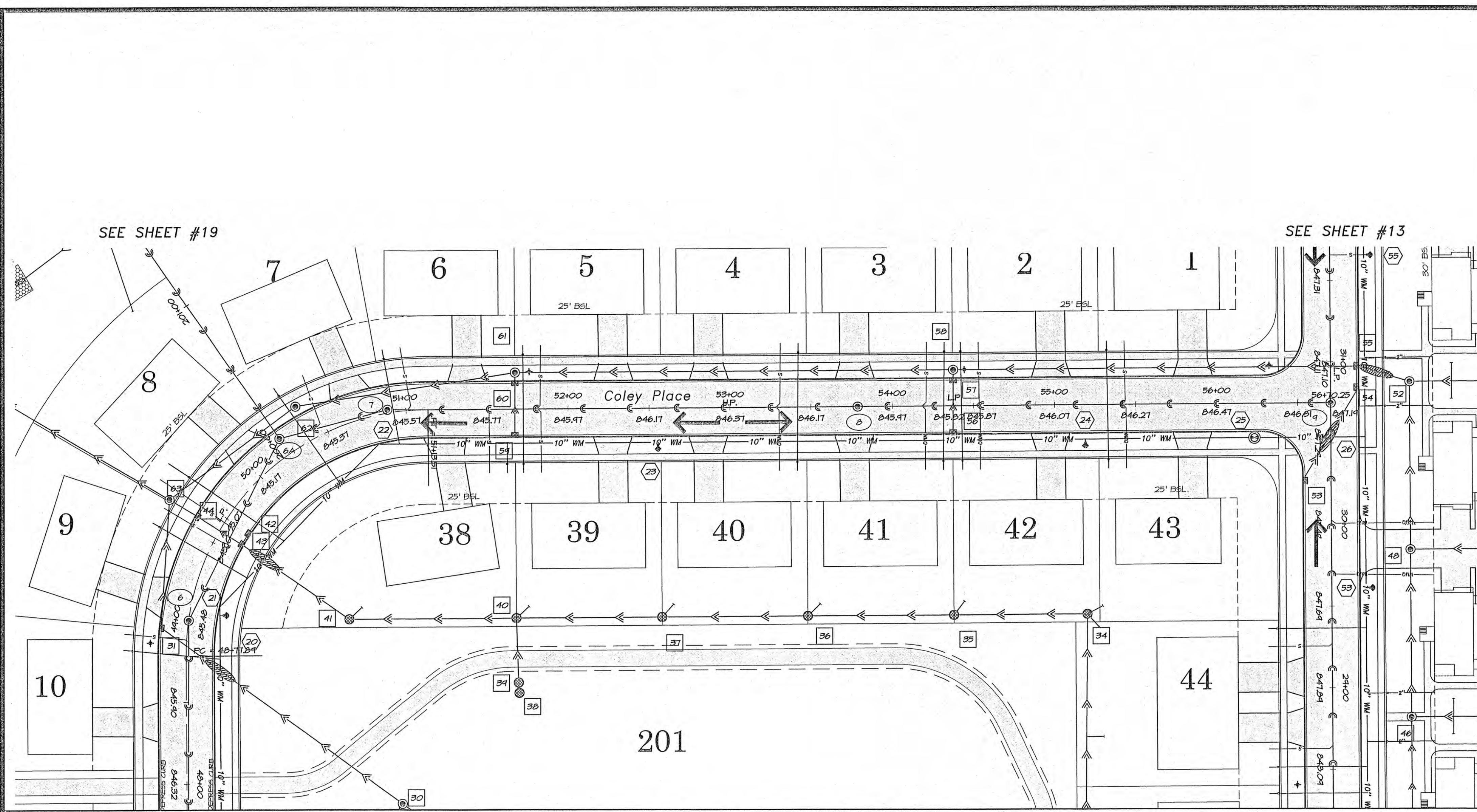
Date	Revision	By
3/28/09	Engineering Change Per City Review	TJC
4/18/09	REVISED PER CITY 4/7/09 REVIEW	JAB
12/01/09	REVISED PER CITY	JAB
3/28/09	REVISED PER CITY	JAB

CAMDEN CROSSINGS
STRATFORD DRIVE
Plan & Profile

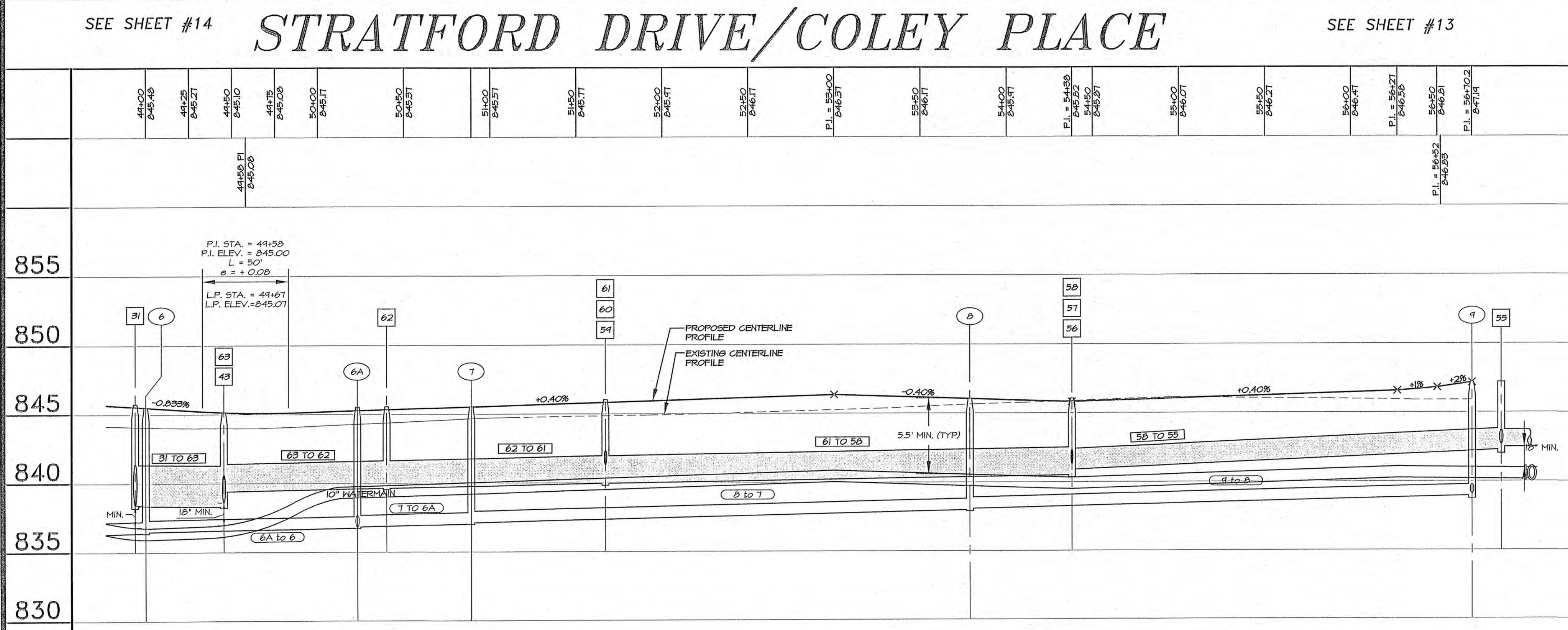
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14 of 23

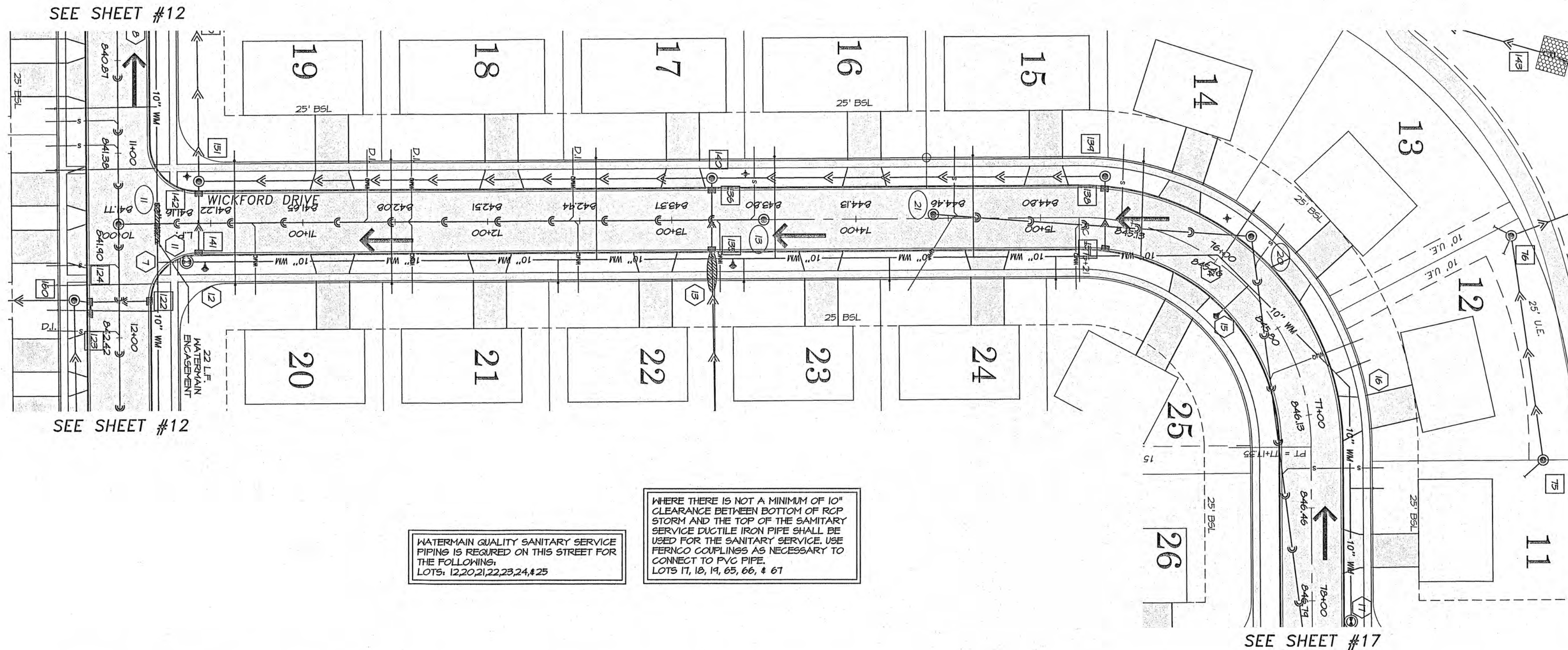
700 WEST LOCUST ST., BELMONT, IL 61008
(815)-547-8435 FAX: (815)-544-0421



- ### STORM SEWER LEGEND
- 30 TO 31 104 LF 36" RCP @ 0.12%
 - 31 STA. 48+14 - LT. 6" DIA. C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 045.65 NORTH INV. = 030.34 (36") SE. INV. = 030.34 (36")
 - 31 TO 63 78 LF. 36" RCP @ 0.12%
 - 41 TO 43 74 LF. 24" RCP @ 0.24%
 - 42 STA. 44+67 - RT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 045.14 SE INV. = 040.64 (12") NW INV. = 030.55 (24")
 - 42 TO 43 8 LF. 12" RCP @ 2.00%
 - 43 STA. 44+58 - RT. 5' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 045.14 NE INV. = 040.53 (12") SE INV. = 030.55 (24") NW INV. = 030.55 (24")
 - 43 TO 44 35 LF. 24" RCP @ 0.20%
 - 44 STA. 44+58 LT. 5' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 045.14 SE INV. = 030.45 (24") NW INV. = 030.45 (24")
 - 44 TO 63 14 LF. 24" RCP @ 0.33%
 - 51 TO 52 70 LF 12" RCP @ 3.21%
 - 52 4" DIA. STORM MANHOLE WITH NEENAH R-107T-B FRAME & TYPE B CLOSED LID RIM = 050.00 EAST INV. = 042.81 (12") SOUTH INV. = 042.61 (15") WEST INV. = 042.61 (15")
 - 52 TO 55 33 LF 15" RCP @ 0.34%
 - 53 STA. 30+21 - LT. 4" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 041.50 NE. INV. = 043.00 (12")
 - 53 TO 54 67 LF 12" RCP @ 0.34%
 - 54 STA. 30+24 - RT. 4" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 041.21 S.W. INV. = 042.71 (12") NORTH INV. = 042.71 (12")
 - 54 TO 55 13 LF 12" RCP @ 0.61%
 - 55 STA. 30+47 - RT. 4" DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 041.22 SOUTH INV. = 042.60 (12") EAST INV. = 042.40 (15") WEST INV. = 042.20 (15")
 - 55 TO 56 250 LF 18" RCP @ 0.55%
 - 56 STA. 54+30 - RT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 045.94 NORTH INV. = 041.44 (12")
 - 56 TO 57 35 LF 12" RCP @ 0.25%
 - 57 STA. 54+30 LT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 045.94 SOUTH INV. = 041.35 (12") NORTH INV. = 041.35 (12")
 - 57 TO 58 5 LF 12" RCP @ 1.00%
 - 58 STA. 54+30 - 23' LT. 5' DIA. STORM MANHOLE WITH NEENAH R-107T B FRAME & TYPE B CLOSED LID RIM = 046.05 SOUTH INV. = 041.30 (12") EAST INV. = 040.90 (18") WEST INV. = 040.50 (24")
 - 59 STA. 51+67-RT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 045.96 NORTH INV. = 041.46 (12")
 - 60 STA. 51+67 - LT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 045.96 SOUTH INV. = 041.31 (12") EAST INV. = 041.31 (12") WEST INV. = 041.31 (12")
 - 60 TO 61 5' LF 12" RCP @ 1.00%
 - 61 STA. 51+67 - 23' RT. 5' DIA. STORM MANHOLE WITH NEENAH R-107T B FRAME & TYPE B CLOSED LID RIM = 046.07 SOUTH INV. = 041.32 (12") EAST INV. = 041.32 (12") WEST INV. = 041.32 (12")
 - 61 TO 62 137 LF 24" RCP @ 0.24%
 - 62 STA. 50+40 - 23' LT. 5' DIA. STORM MANHOLE WITH R-107T B FRAME & TYPE B CLOSED LID RIM = 045.56 EAST INV. = 039.63 (24") S.W. INV. = 039.63 (24")
 - 62 TO 63 46 LF 24" RCP @ 0.24%
 - 63 STA. 44+58 - 25' LT. 7' DIA. STORM MANHOLE WITH NEENAH R-107T B FRAME & TYPE B CLOSED LID RIM = 045.70 S.E. INV. = 038.39 (24") N.E. INV. = 039.40 (24") S.W. INV. = 038.39 (36") N.W. INV. = 038.39 (36")
 - 63 TO 64 137 LF 36" RCP @ 0.41%
- ### SANITARY SEWER LEGEND
- 6 TO 5 254 LF. 10" SAN. SEWER @ 0.28%
 - 6 STA. 44+00 - CL RIM ELEV. = 045.40 INV. = 036.28 S. (OUT) 10" INV. = 036.30 N.E. (IN) 10"
 - 6A TO 6 124 LF. 10" SAN. SEWER @ 0.28%
 - 6A STA. 50+25 - 112' LT RIM ELEV. = 045.04 INV. = 036.73 S.W. (OUT) 10" INV. = 036.83 N.W. (IN) 10" INV. = 036.83 N.E. (IN) 10"
 - 7 TO 6A 64 LF. 10" SAN. SEWER @ 0.28%
 - 7 STA. 50+84 - 2' LT RIM ELEV. = 045.44 INV. = 037.02 S.W. (OUT) 10" INV. = 037.12 E. (IN) 10"
 - 8 TO 7 240 LF. 10" SAN. SEWER @ 0.24%
 - 8 STA. 53+14 - CL RIM ELEV. = 046.05 INV. = 037.47 W. (OUT) 10" INV. = 037.12 E. (IN) 10"
 - 9 TO 8 241 LF. 10" SAN. SEWER @ 0.30%
 - 9 STA. 56+10 - CL STA. 30+75 - CL RIM ELEV. = 047.19 INV. = 038.94 W. (OUT) 10" INV. = 039.04 N. (IN) 10" INV. = 039.04 S. (IN) 8"
 - 10 TO 9 150 LF. 10" SAN. SEWER @ 0.30%
 - 10 THE NORTHERN MOST 20 LF. TO BE CLASS 52 DUCTILE IRON PIPE.
- SERVICES FOR THE SUMP LINES TO BE 4" DIA. PIPE. DOWNSPUT LINES (D.S.) FOR THE MULTIFAMILY UNITS TO BE 6" DIA. PIPE.
- WATERMAIN QUALITY SANITARY SERVICE PIPING IS REQUIRED ON THIS STREET FOR THE FOLLOWING LOTS: 40A1, 42, 43 MULTIFAMILY UNITS, M & N



- ### WATERMAIN LEGEND
- 20 STA. 44+07 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 045.61
 - 21 10" 45° M.J. BEND
 - 22 10" 45° M.J. BEND
 - 23 STA. 52+55 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 046.44
 - 24 STA. 55+19 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 046.42
 - 25 STA. 56+23 - 21' RT. 10" VALVE & 5' VAULT RIM = 046.76
 - 26 10"x10"x10" M.J. TEE
 - 53 STA. 24+61 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 047.42
 - 54 STA. 32+05 - 21' RT. 10" VALVE & 5' VAULT RIM = 047.33
- ALL WATER & SANITARY SERVICES TO BE EXTENDED TO A POINT 6' BEYOND PROPERTY LINE, 6' BEYOND STORM SEWER, OR 6' BEYOND SUMP LINE WHICHEVER IS LONGEST.
- ALL PROPOSED MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH ASTM C1244-93.
- ALL MANHOLES CONSTRUCTED IN THE PAVEMENT SHALL INITIALLY BE SET AT THE TOP OF AGGREGATE BASE COURSE AND THEN RAISED TO FINAL GRADE WHEN THE FINAL BITUMINOUS SURFACE COURSE IS CONSTRUCTED



WATER-MAIN QUALITY SANITARY SERVICE PIPING IS REQUIRED ON THIS STREET FOR THE FOLLOWING: LOTS 12, 20, 21, 22, 23, 24, & 25

WHERE THERE IS NOT A MINIMUM OF 10' CLEARANCE BETWEEN BOTTOM OF RCP STORM AND THE TOP OF THE SANITARY SERVICE DUCTILE IRON PIPE SHALL BE USED FOR THE SANITARY SERVICE. USE PERMCO COUPLINGS AS NECESSARY TO CONNECT TO PVC PIPE. LOTS 17, 18, 19, 65, 66, & 67

WICKFORD DRIVE/BRANDON PLACE

STORM SEWER LEGEND

- 122 STA. 11+01 - LT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 0.42.35 SOUTH INV. = 0.37.17 (12')
- 122 TO 124 35 L.F. 12" RCP @ 0.26%
- 123 STA. 11+07 - RT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 0.42.35 NORTH INV. = 0.37.08 (12') EAST INV. = 0.37.17 (12') SOUTH INV. = 0.37.08 (12')
- 123 TO 124 6 L.F. 12" RCP @ 1.33%
- 124 STA. 11+01 - RT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 0.42.35 NORTH INV. = 0.37.08 (12') EAST INV. = 0.37.17 (12') SOUTH INV. = 0.37.08 (12')
- 124 TO 125 111 L.F. 24" RCP @ 0.18%
- 125 STA. 13+22 - RT. 5' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 0.43.60 EAST INV. = 0.37.61 (24') WEST INV. = 0.37.61 (24')
- 125 TO 126 35 L.F. 24" RCP @ 0.21%
- 126 STA. 13+22 - LT. 5' DIA. CATCH BASIN WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 0.43.60 EAST INV. = 0.37.54 (24') WEST INV. = 0.37.54 (24')
- 126 TO 140 5 L.F. 24" RCP @ 0.40%
- 127 STA. 15+35 - RT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 0.45.15 WEST INV. = 0.40.60 (12')
- 127 TO 128 35 L.F. 12" RCP @ 0.26%
- 128 STA. 15+35 - LT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 0.45.15 EAST INV. = 0.40.51 (12') WEST INV. = 0.40.51 (12')
- 128 TO 134 5 L.F. 12" RCP @ 0.60%
- 129 STA. 15+35 - 23' LT. 4' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 0.45.20 EAST INV. = 0.40.48 (12') SOUTH INV. = 0.40.48 (12')
- 129 TO 140 213 L.F. 12" RCP @ 0.59%
- 140 STA. 13+22 - 23' LT. 5' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 0.43.74 NORTH INV. = 0.34.22 (12') EAST INV. = 0.37.52 (24') SOUTH INV. = 0.37.52 (24')
- 140 TO 151 210 L.F. 24" RCP @ 0.74%
- 141 STA. 10+43 - RT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 0.41.20 WEST INV. = 0.36.01 (12')
- 141 TO 142 35 L.F. 12" RCP @ 0.26%
- 142 STA. 10+43 - LT. 2'x3' C.B. SPECIAL WITH NEENAH R-3246 FRAME & TYPE C GRATE T/C = 0.41.20 EAST INV. = 0.35.42 (12') WEST INV. = 0.35.42 (12')
- 142 TO 151 5 L.F. 12" RCP @ 0.60%
- 151 STA. 10+43 - 23' LT. 6' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 0.41.34 NORTH INV. = 0.35.32 (24') EAST INV. = 0.35.94 (12') WEST INV. = 0.34.42 (30')
- 151 TO 152 100 L.F. 30" RCP @ 0.13%
- 152 STA. 10+05 - 23' RT. 6' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 0.40.72 NORTH INV. = 0.34.72 (36') SOUTH INV. = 0.34.72 (36')
- 152 TO 153 140 L.F. 36" RCP @ 0.10%
- 153 6' DIA. STORM MANHOLE WITH NEENAH R-1071-B FRAME & TYPE B CLOSED LID RIM = 0.39.50 NORTH INV. = 0.34.50 (36') S.E. INV. = 0.34.50 (36') SUMP INV. = 0.35.40 (4')
- 153 TO 154 44 L.F. 36" RCP @ 0.18%

SANITARY SEWER LEGEND

- 11 TO 13 266 L.F. 8" SAN. SEWER @ 0.40%
- 11 STA. 11+30 - CL. STA. 10+00 - CL. RIM ELEV. = 0.41.77 INV. = 0.34.53 E. (OUT) 8" INV. = 0.34.63 N. (IN) 8" INV. = 0.34.63 N. (IN) 8"
- 12 TO 11 125 L.F. 8" SAN. SEWER @ 0.40%
- 12 STA. 10+13 - CL. RIM ELEV. = 0.40.44 INV. = 0.35.13 E. (OUT) 8"
- 13 TO 11 350 L.F. 8" SAN. SEWER @ 0.40%
- 13 STA. 13+50 - CL. RIM ELEV. = 0.43.80 INV. = 0.36.03 S. (OUT) 8"
- 21 TO 20 173 L.F. 8" SAN. SEWER @ 0.40%
- 21 STA. 14+42 - 2' LT. RIM ELEV. = 0.44.37 INV. = 0.37.54 N. (OUT) 8"
- 20 TO 5 257 L.F. 8" SAN. SEWER @ 0.40%
- 20 STA. 16+07 - 22' LT. RIM ELEV. = 0.45.70 INV. = 0.36.75 E. (OUT) 8" INV. = 0.36.05 S. (IN) 8"

WATERMAIN LEGEND

- 7 10"x10"x10" M.J. TEE
- 8 STA. 10+25 - 21' LT. 10" VALVE & 5' VAULT RIM = 0.40.80
- 9 STA. 10+02 - LT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 0.40.64
- 10 STA. 10+00 - 21' LT. 10" M.J. FLUS OR WEST LEG OF HYDRANT TEE.
- 11 STA. 10+37 - 21' RT. 10" VALVE & 5' VAULT RIM = 0.41.42
- 12 STA. 10+47 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 0.41.54
- 13 STA. 13+33 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 0.43.42
- 14 10" 45" M.J. BEND
- 15 STA. 16+22 - RT. FIRE HYDRANT ASSEMBLY COMPLETE F/G = 0.45.05
- 16 10" 45" M.J. BEND
- 17 STA. 18+11 - 21' LT. 10" VALVE & 5' VAULT RIM = 0.47.04

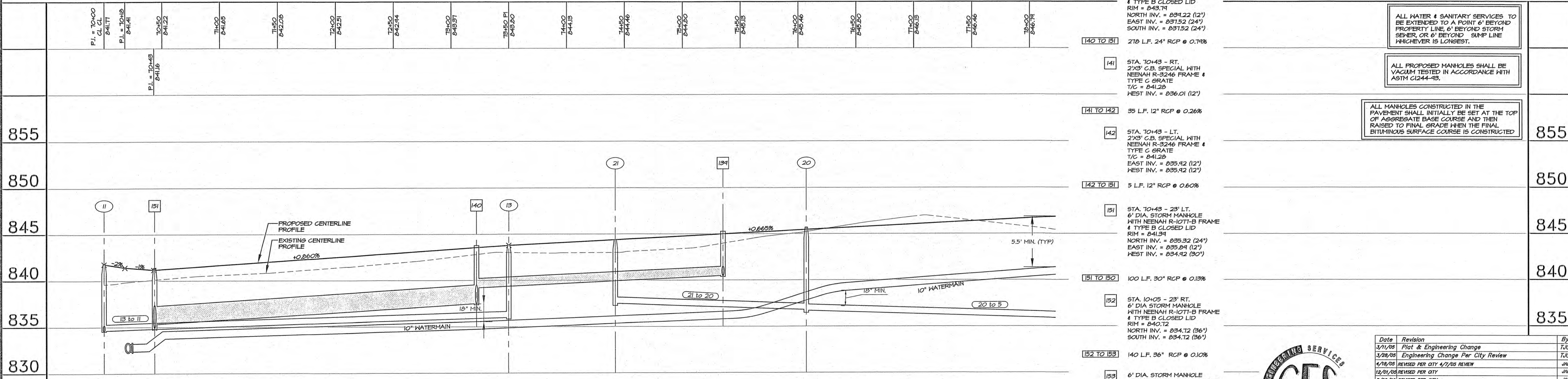
SERVICES FOR THE SUMP LINES TO BE 4" DIA. PIPE. DOWNSPOUT LINES (D.S.) FOR THE MULTIFAMILY UNITS TO BE 6" DIA. PIPE.

SCALE:
1" = 40'-0" Horizontal
1" = 5'-0" Vertical

ALL WATER & SANITARY SERVICES TO BE EXTENDED TO A POINT 6' BEYOND PROPERTY LINE, 6' BEYOND STORM SEWER, OR 6' BEYOND SUMP LINE WHICHEVER IS LONGEST.

ALL PROPOSED MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH ASTM C1244-43.

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Date	Revision	By
3/1/05	Plot & Engineering Change	TJC
3/28/05	Engineering Change Per City Review	TJC
4/18/05	REVISED PER CITY 4/7/05 REVIEW	JAB
12/01/05	REVISED PER CITY	JAB
3/28/06	REVISED PER CITY	JAB

CAMDEN CROSSINGS
WICKFORD DRIVE
Plan & Profile

CHECKED BY: keb DATE: 12-08-04
DRAWN BY: TJC DATE: 12-08-04
ds1250b1

Sheet
16 of 23

700 WEST LOCUST ST., BELVIDERE, IL 61008
(815)-547-8435 FAX: (815)-544-0421

STATION EQUATION

△ 18+75.52 = AHEAD
18+58.35 = BACK

SANITARY SEWER LEGEND

- 5 to 4 346 L.F. 10" SAN. SEWER @ 0.30%
19 to 18 324 L.F. 8" SAN. SEWER @ 1.24%
- 5 STA 46+46 - CL
STA 78+58 - CL
RIM ELEV. = 847.50
INV. = 835.41 S. (OUT) 10"
INV. = 835.51 N. (IN) 10"
INV. = 835.72 W. (IN) 8"
- 6 to 5 254 L.F. 10" SAN. SEWER @ 0.28%
17 to 16 230 L.F. 8" SAN. SEWER @ 0.40%
- 17 STA 26+33 - CL
RIM ELEV. = 850.72
INV. = 843.18 S. (OUT) 8"
- 19 STA 105+74 - CL
RIM ELEV. = 847.16
INV. = 838.02 S. (OUT) 8"
- 22 to 9 320 L.F. 8" SAN. SEWER @ 0.40%
- 22 STA 27+55 - CL
RIM ELEV. = 844.24
INV. = 840.37 N. (OUT) 8"

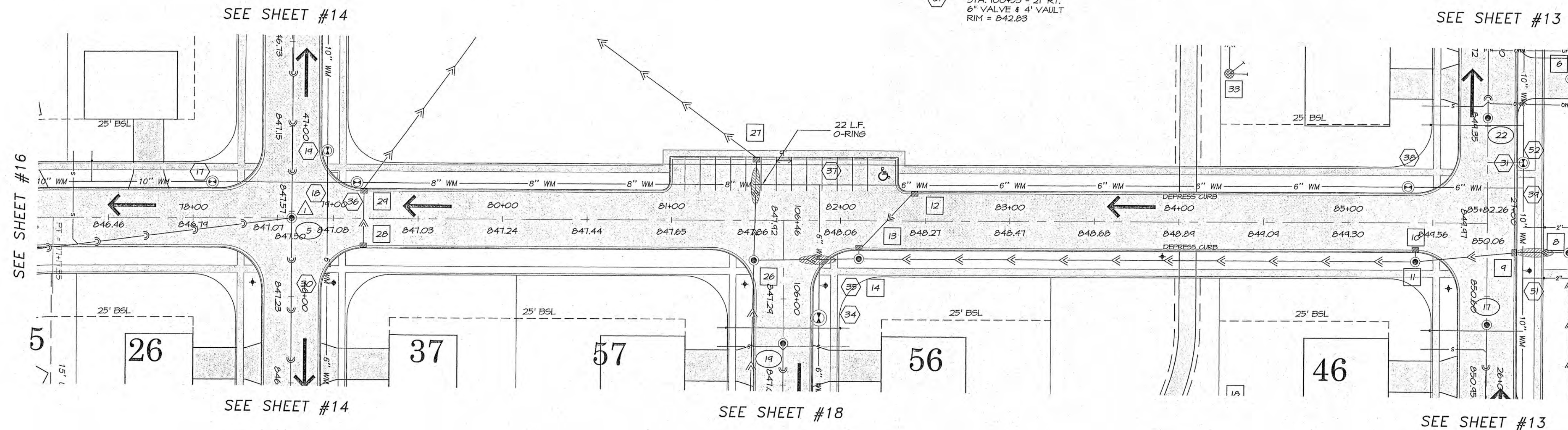
WATERMAIN LEGEND

- 13 STA. 73+33 - RT.
FIRE HYDRANT
ASSEMBLY COMPLETE
F/G = 843.92
- 17 STA. 78+11 - 21' LT.
10" VALVE & 5' VAULT
RIM = 847.04
- 18 10"x10" M.J. CROSS
WITH 10"x8" M.J.
REDUCER ON EAST LEG
AND 10"x6" M.J.
REDUCER ON SOUTH LEG
- 19 STA. 46+86 - 21' RT.
10" VALVE & 5' VAULT
RIM = 847.47
- 30 STA. 46+08 - RT.
FIRE HYDRANT
ASSEMBLY COMPLETE
F/G = 847.54
- 31 STA. 100+53 - 21' RT.
6" VALVE & 4' VAULT
RIM = 842.83
- 34 STA. 105+84 - 21' RT.
6" VALVE & 4' VAULT
RIM = 846.93
- 35 STA. 106+08 - RT.
FIRE HYDRANT
ASSEMBLY COMPLETE
F/G = 847.66
- 36 STA. 74+14 - 21' LT.
8" VALVE & 4' VAULT
RIM = 847.14
- 37 8"x6"x8" M.J. TEE WITH
8"x6" M.J. REDUCER ON
- 38 STA. 85+35 - 21' LT.
8" VALVE & 4' VAULT
RIM = 849.64
- 39 10"x6"x10" M.J. TEE
- 52 STA. 27+24 - 21' RT.
10" VALVE & 5' VAULT
RIM = 844.81

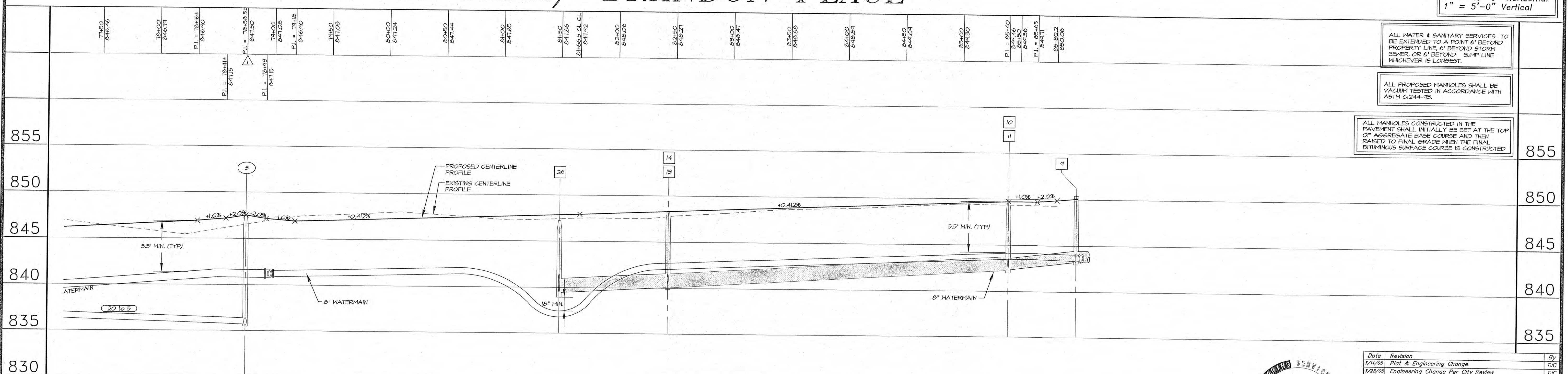
STORM SEWER LEGEND

- 8 4' DIA. STORM MANHOLE WITH
NEENAH R-107T-B FRAME &
TYPE B CLOSED LID
RIM = 851.80
EAST INV. = 843.42 (15")
SOUTH INV. = 845.84 (15")
WEST INV. = 843.42 (15")
- 8 TO 9 31 L.F. 15" RCP @ 0.75%
- 9 STA. 26+75 - RT.
2'X3' C.B. SPECIAL WITH
NEENAH R-3246 FRAME &
TYPE C GRATE
T/C = 850.40
EAST INV. = 843.14 (15")
WEST INV. = 843.14 (15")
- 9 TO 11 60 L.F. 15" RCP @ 1.41%
- 10 STA. 85+40 - RT.
2'X3' C.B. SPECIAL WITH
NEENAH R-3246 FRAME &
TYPE C GRATE
T/C = 844.58
SOUTH INV. = 845.08 (12")
- 10 TO 11 5 L.F. 12" RCP @ 0.40%
- 11 STA. 85+40 - 23' RT.
4' DIA. STORM MANHOLE
WITH NEENAH R-107T-B FRAME
& TYPE B CLOSED LID
RIM = 844.84
NORTH INV. = 845.06 (12")
EAST INV. = 842.34 (15")
WEST INV. = 842.24 (18")
- 11 TO 14 324 L.F. 18" RCP @ 0.66%
- 12 STA. 82+44 - LT.
4' DIA. CATCH BASIN WITH
NEENAH R-3246 FRAME
& TYPE C GRATE
T/C = 848.23
N. INV. = 843.73 (12")
S. INV. = 843.73 (12")
- 12 TO 13 48 L.F. 12" RCP @ 0.27%
- 13 STA. 82+11 - 23' RT.
4' DIA. CATCH BASIN WITH
NEENAH R-3246 FRAME
& TYPE C GRATE
T/C = 848.23
N. INV. = 843.73 (12")
S. INV. = 843.73 (12")
- 13 TO 14 5 L.F. 12" RCP @ 0.40%
- 14 STA. 82+11 - 23' RT.
4' DIA. STORM MANHOLE WITH
NEENAH R-107T-B FRAME &
TYPE B CLOSED LID
RIM = 848.34
NORTH INV. = 843.71 (12")
EAST INV. = 840.07 (18")
WEST INV. = 840.07 (18")
- 14 TO 26 62 L.F. 18" RCP @ 0.92%
- 15 RESERVED
- 25 TO 26 210 L.F. 24" RCP @ 0.24%
- 26 STA. 106+22 - 17' LT.
6' DIA. STORM MANHOLE
WITH NEENAH R-107T-B
FRAME & TYPE B CLOSED LID
RIM = 847.25
NORTH INV. = 839.96 (36")
EAST INV. = 839.50 (18")
SOUTH INV. = 839.48 (24")
- 26 TO 27 61 L.F. 36" RCP @ 0.11%
- 27 STA. 81+50 - LT.
2'X3' C.B. SPECIAL WITH
NEENAH R-3246 FRAME &
TYPE C GRATE
T/C = 847.32
SOUTH INV. = 838.84 (36")
N. INV. = 838.84 (36")
- 27 TO 30 176 L.F. 36" RCP @ 0.11%
- 28 STA. 74+18 - RT.
2'X3' C.B. SPECIAL WITH
NEENAH R-3246 FRAME
& TYPE C GRATE
T/C = 847.02
NORTH INV. = 842.52 (12")
- 28 TO 29 35 L.F. 12" RCP @ 0.25%
- 29 STA. 74+18 - LT.
4' DIA. CATCH BASIN WITH
NEENAH R-3246 FRAME
& TYPE C GRATE
T/C = 847.02
SOUTH INV. = 842.43 (12")
N. INV. = 842.43 (12")
- 30 6' DIA. STORM MANHOLE WITH
NEENAH R-107T-B FRAME &
TYPE B CLOSED LID
RIM = 846.05
S. INV. = 838.70 (36")
N. INV. = 838.70 (36")

SCALE 1" = 40'



WICKFORD LANE/ BRANDON PLACE

SCALE:
1" = 40'-0" Horizontal
1" = 5'-0" VerticalALL WATER & SANITARY SERVICES TO
BE EXTENDED TO A POINT 6' BEYOND
PROPERTY LINE, 6' BEYOND STORM
SEWER, OR 6' BEYOND SUMP LINE
WHICHEVER IS LONGEST.ALL PROPOSED MANHOLES SHALL BE
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Date	Revision	By
3/1/08	Plot & Engineering Change	TJC
3/28/08	Engineering Change Per City Review	TJC
4/18/08	REVISED PER CITY 4/7/08 REVIEW	JAB
12/01/08	REVISED PER CITY	JAB
3/28/09	REVISED PER CITY	JAB

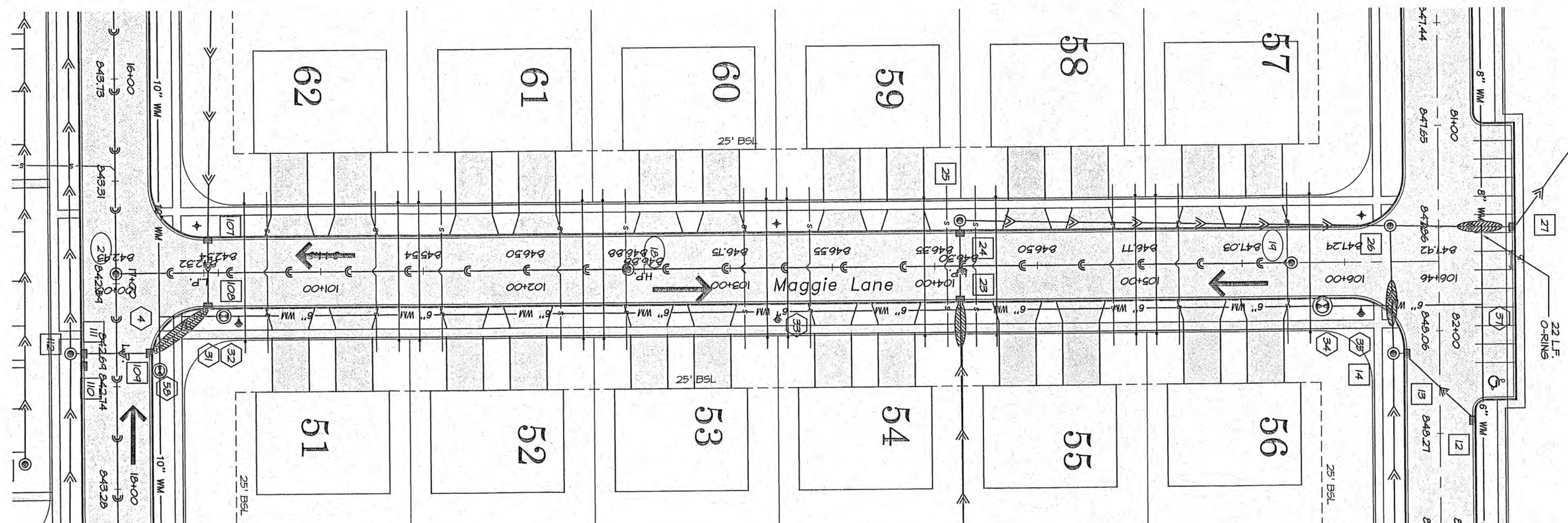
CAMDEN CROSSINGS
BRANDON PLACE
Plan & Profile

CHECKED BY: kcb DATE: 01-05-05
DRAWN BY: TJC DATE: 01-05-05

Sheet
17 of 23

dst250b1

700 WEST LOCUST ST., BELVIDERE, IL 61008
(815)-547-8435 FAX: (815)-544-0421



SEE SHEET #12

SEE SHEET #17

SEE SHEET #17

SANITARY SEWER LEGEND

- | | |
|----------|--|
| 2 to 1 | 166 L.F. 10° SAN. SEWER @ 0.30% |
| 2 | STA 100+00 - CL
STA 16+95 - CL
RIM ELEV. = 842.93
INV. = 832.36 E. (CUT) 10"
INV. = 832.61 N. (IN) 8"
INV. = 832.46 K. (IN) 10° |
| 3 to 2 | 291 L.F. 10° SAN. SEWER @ 0.30% |
| 10 to 2 | 250 L.F. 8° SAN. SEWER @ 0.40% |
| 10 | STA 102+50 - CL
RIM ELEV. = 846.08
INV. = 835.61 S. (CUT) 8"
INV. = 834.00 N. (IN) 8° |
| 19 to 10 | 324 L.F. 8° SAN. SEWER @ 1.24% |

- 19 STA 105+74 - CL
RIM ELEV. = 847.16
INV. = 838.02 S. (OUT) 8"

WATERMAIN LEGEND

- 10"x6"x10" M.J. TEE
- STA. 100+53 - 21' RT.
6" VALVE & 4' VAULT
RIM = 842.83
- STA. 100+60 - RT.
FIRE HYDRANT
ASSEMBLY COMPLETE
F/G = 843.15
- STA. 103+23 - RT.
FIRE HYDRANT
ASSEMBLY COMPLETE
F/G = 846.13
- STA. 105+84 - 21' RT.
6" VALVE & 4' VAULT
RIM = 846.13
- STA. 106+08 - RT.
FIRE HYDRANT
ASSEMBLY COMPLETE
F/G = 847.66
- STA. 74+14 - 21' LT.
8" VALVE & 4' VAULT
RIM = 847.14
- 8"x6"x8" M.J. TEE WITH
8"x6" M.J. REDUCER ON EAST LEG

STORM SEWER LEGEND

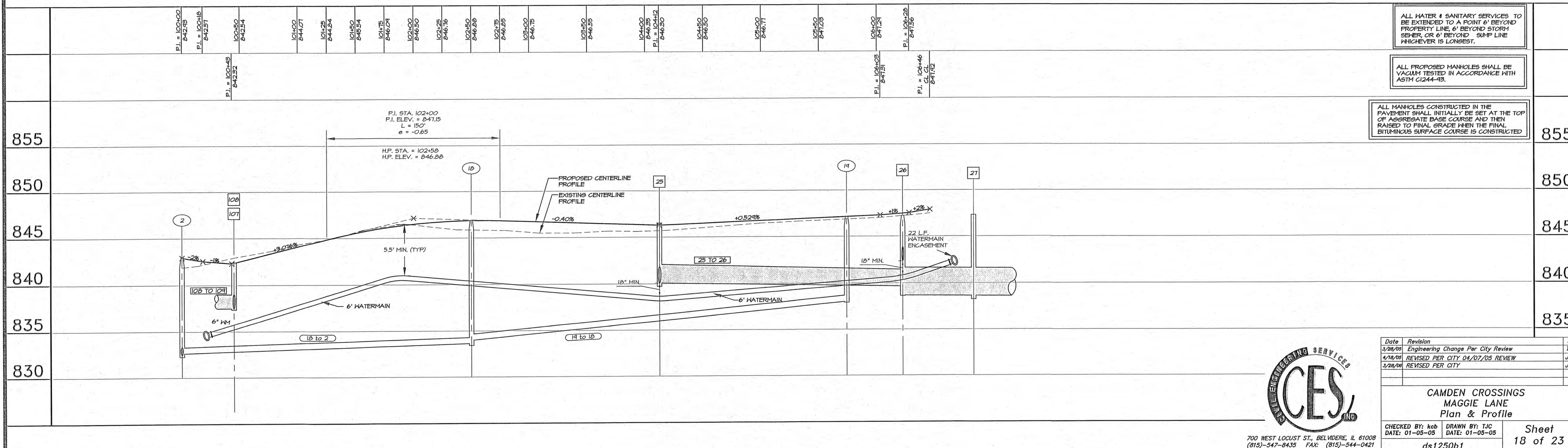
- | | | | |
|-------------------|---|--|---|
| <u>106 TO 107</u> | 146 L.F. 12" RCP @ 1.06% | <u>22 TO 23</u> | 126 L.F. 24" RCP @ 0.11% |
| <u>107</u> | STA. 100+49 - LT.
2X3' C.B. SPECIAL WITH
NEENAH R-3246 FRAME
TYPE C GRATE
T/C = 842.44
WEST INV. = 837.93 (24")
EAST INV. = 837.54 (18") | <u>23 TO 24</u> | 35 L.F. 24" RCP @ 0.17% |
| <u>108</u> | STA. 100+49 - RT.
4' DIA. CATCH BASIN WITH
NEENAH R-3246 FRAME #
TYPE C GRATE
T/C = 842.44
WEST INV. = 837.44 (18")
S.E. INV. = 837.44 (18") | <u>24 TO 25</u> | 5 L.F. 24" RCP @ 0.20% |
| <u>108 TO 109</u> | 35 L.F. 18" RCP @ 0.20% | <u>25</u> | STA. 104+12 - LT.
5' DIA. CATCH BASIN WITH
NEENAH R-3246 FRAME
TYPE C GRATE
T/C = 846.42
EAST INV. = 840.10 (24")
WEST INV. = 840.10 (24") |
| <u>109</u> | STA. 17+34 - LT.
5' DIA. CATCH BASIN WITH
NEENAH R-3246 FRAME #
TYPE C GRATE
T/C = 842.81
N.W. INV. = 837.42 (18")
SOUTH INV. = 837.02 (24") | <u>25 TO 26</u> | 210 L.F. 24" RCP @ 0.24% |
| <u>109 TO 111</u> | 35 L.F. 24" RCP @ 0.10% | <u>26</u> | STA. 106+22 - 17' LT.
6' DIA. STORM MANHOLE
WITH NEENAH R-1077-B
FRAME # TYPE B CLOSED LID
RIM = 847.25
NORTH INV. = 838.46 (36")
EAST INV. = 838.50 (18")
SOUTH INV. = 839.40 (24") |
| <u>110</u> | STA. 17+40 - RT.
2X3' C.B. SPECIAL WITH
NEENAH R-3246 FRAME #
TYPE C GRATE
T/C = 842.82
WEST INV. = 838.32 (12") | <u>26 TO 27</u> | 61 L.F. 36" RCP @ 0.11% |
| <u>110 TO 111</u> | 6 L.F. 12" RCP @ 0.50% | <u>27</u> | STA. 8+50 - LT.
6' DIA. C.B. SPECIAL WITH
NEENAH R-3246 FRAME #
TYPE C GRATE
T/C = 847.32
SOUTH INV. = 838.84 (36")
N.W. INV. = 838.84 (36") |
| <u>111</u> | STA. 17+34 - RT.
5' DIA. CATCH BASIN WITH
NEENAH R-3246 FRAME
TYPE C GRATE
T/C = 842.81
EAST INV. = 838.24 (12")
NORTH INV. = 836.98 (24")
SOUTH INV. = 836.98 (24") | <u>27 TO 30</u> | 176 L.F. 36" RCP @ 0.18% |
| <u>111 TO 112</u> | 6 L.F. 24" RCP @ 0.16% | SERVICES FOR THE SUMP LINES TO BE 4"
DIA. PIPE. DOWNSPOUT LINES (D.S.) FOR THE
MULTIFAMILY UNITS TO BE 6" DIA. PIPE. | |
| <u>112</u> | STA. 17+34 - 23' RT.
6' DIA. STORM MANHOLE
WITH NEENAH R-1077-B FRAME
TYPE B CLOSED LID
RIM = 842.42
EAST INV. = 836.97 (24")
NORTH INV. = 836.97 (24")
WEST INV. = 836.17 (36") | | |

SCALE:
1" = 40'-0" Horizontal
1" = 5'-0" Vertical

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Date	Revision
3/28/05	Engineering Change Per City Review
4/18/05	REVISED PER CITY 04/07/05 REVIEW
3/28/06	REVISED PER CITY

CAMDEN CROSSINGS
MAGGIE LANE
Plan & Profile

08 21	CHECKED BY: <i>kcb</i> DATE: 01-05-05	DRAWN BY: <i>TJC</i> DATE: 01-05-05	Sheet 18 of 23
	<i>ds1250b1</i>		