INFRASTRUCTURE SERVICES DIVISION
CONSTRUCTION SECTION
DESIGN & SURVEY SERVICES
NORTH DISTRICT
MILWAUKEE, WISCONSIN

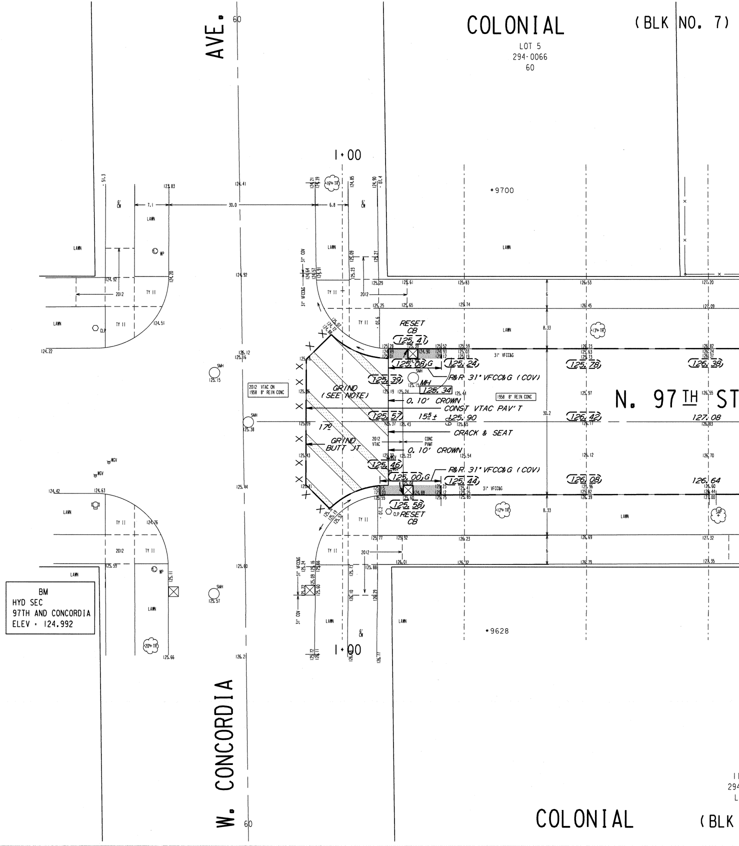
LEVELS BY: R.PLUTA
DATE: 12 - 13 - 12
DRAWN BY: D.FROMM
DATE: 12 - 14 - 12
FILE NO: 29306.DGN

TRANSIT LINE IS THE CENTER LINE
OF THE N.97TH ST.
BASED ON SEC LINE N.92ND ST.
STATION 4 + 00
IS THE PT 1394'S
OF SEC LINE W.KEEFE AVE.

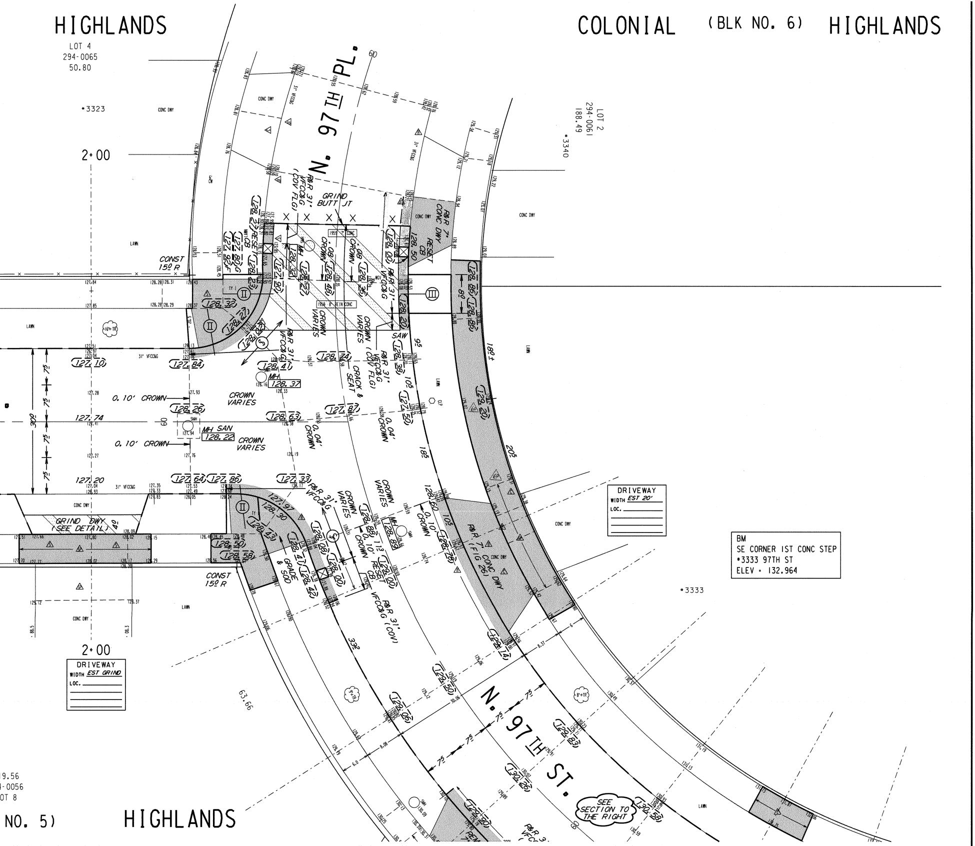
CONTROL POINTS

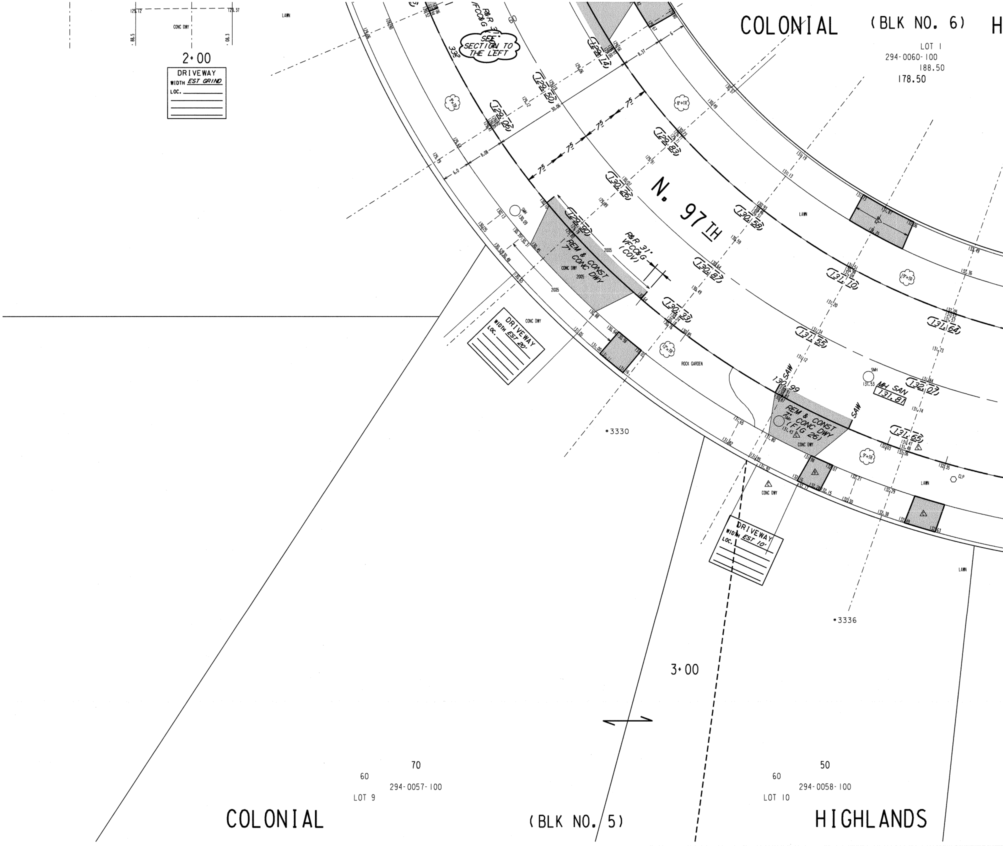
N	E	ELEV	
100.00	-149.00	124.99	CHISX
200.00	-149.00	127.83	CHISX
400.00	27.00	133.68	CHISX
500.00	27.00	136.02	CHISX
600.00	27.00	138.71	CHISX
700.00	27.00	141.38	CHISX
800.00	27.00	144.00	CHISX
900.00	27.00	149.80	CHISX
1000.00	27.00	154.10	CHISX
1100.00	27.00	157.87	CHISX
1200.00	27.00	159.32	CHISX
1300.00	27.00	159.70	CHISX
1394.04	27.00	160.18	PK

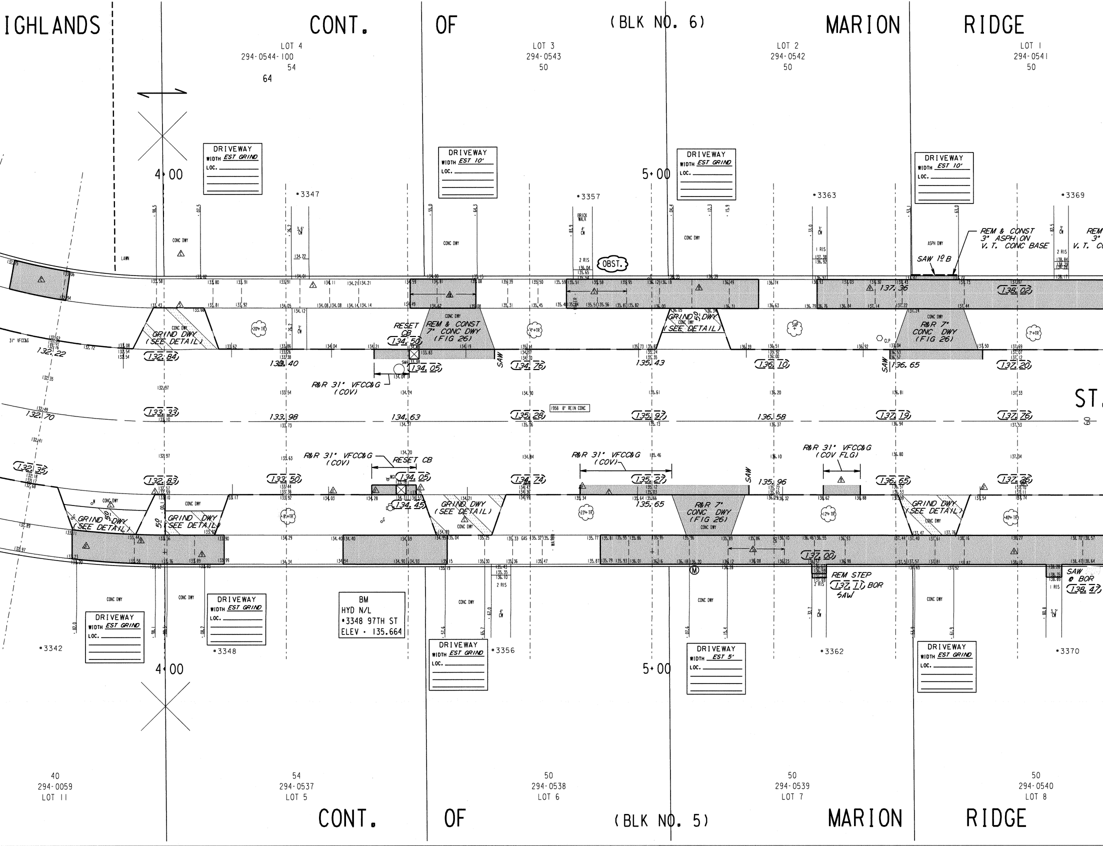
(DECEMBER 2012)

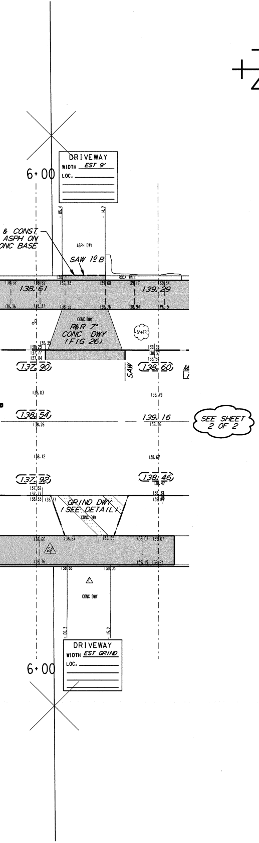

COLONIAL
(BLK NO. 7)
LOT 5
294-0066
60
AVE.
W. CONCORDIA
60
N. 97TH ST
1+00
1+00
*9700
*9628
COLONIAL
(BLK
LAWN
TY II
2012
6' CW
7.1
30.0
6.8
31' COV
31' VFCC&G
WP
CLP
SMH
125.15
125.38
125.57
2012 VTAC ON 1958 8" REIN CONC
1958 8" REIN CONC
RESET CB
125.41
125.08 G
125.24
125.39
R&R 31" VFCC&G (COV)
MH
125.34
GRIND (SEE NOTE)
0.10' CROWN
CONST VTAC PAV'T
125.57
15.5 ±
125.90
17.0
CRACK & SEAT
GRIND BUTT JT
2012 VTAC
CONC PVMT
0.10' CROWN
125.46
R&R 31" VFCC&G (COV)
125.00 G
125.44
125.58
RESET CB
WGV
WGV
16" TR
13" TR
12" TR
20" TR
8.33
30.2
6
125.78
126.38
126.42
127.08
126.08
126.64
123.83
124.41
124.92
124.20
124.51
124.22
125.12
125.16
124.42
124.63
124.76
125.59
125.11
125.44
125.80
126.2
125.66
125.61
125.83
126.53
127.20
125.65
125.74
126.45
127.09
126.97
126.55
126.77
126.12
126.70
126.69
127.32
126.79
127.35
125.77
125.92
126.23
126.01
126.32

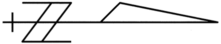
BM
HYD SEC
97TH AND CONCORDIA
ELEV = 124.992


HIGHLANDS
LOT 4
294-0065
50.80
COLONIAL (BLK NO. 6) HIGHLANDS
LOT 2
294-0061
188.49
*3340
*3323
2+00
N. 97TH PL.
GRIND BUTT JT
R&R 31' VFCC&G (COV FLG)
R&R 7' CONC DWY
RESET CB
CONST 15º R
128.27 RESET CB
MH 128.32
1959 7" CONC
1956 8" REIN CONC
.08' CROWN
.06' CROWN
CROWN VARIES
SAW
CRACK & SEAT
MH 128.37
0.10' CROWN
CROWN VARIES
MH SAN 128.22
0.04' CROWN
300
75
127.74
127.20
127.10
127.84
128.26
128.63
127.87
127.33
127.64
127.86
180±
205
185
105
95
GRIND DWY (SEE DETAIL) 40'
CONST 15º R
GRADE & SOD
R&R 31' VFCC&G (COV)
0.10' CROWN
RESET CB
R&R 7' CONC DWY (F G 26)
DRIVEWAY
WIDTH EST 20'
LOC.
BM
SE CORNER 1ST CONC STEP
*3333 97TH ST
ELEV = 132.964
*3333
2+00
DRIVEWAY
WIDTH EST GRIND
LOC.
63.66
N. 97TH ST.
SEE SECTION TO THE RIGHT
19.56
-0056
OT 8
NO. 5)
HIGHLANDS
LAWN
CONC DWY
31' VFCC&G


COLONIAL (BLK NO. 6) H
LOT 1
294-0060-100
188.50
178.50
N. 97TH
2+00
DRIVEWAY
WIDTH EST GRIND
LOC.
CONC DWY
LAWN
SEE SECTION TO THE LEFT
R&R 31" VFCC&G
332
75
75
75
75
75
(129.74)
(129.50)
(129.06)
(129.83)
(130.26)
(129.90)
(130.58)
(130.87)
(130.33)
(131.10)
(131.55)
(131.64)
(132.07)
(131.65)
6.0
8.08
8.37
30.06
SMH
130.09
REM & CONST 7" CONC DWY
CONC DWY
2005
R&R 31" VFCC&G (COV)
DRIVEWAY
WIDTH EST 20'
LOC.
CONC DWY
ROCK GARDEN
12"+TR
9"+TR
8"+TR
19"+TR
SAW
130.99
SAW
REM & CONST 7" CONC DWY (FIG 26)
CONC DWY
SMH
MH SAN
131.81
131.53
CLP
LAWN
*3330
DRIVEWAY
WIDTH EST 10'
LOC.
CONC DWY
*3336
3+00
LAWN
70
60
294-0057-100
LOT 9
50
60
294-0058-100
LOT 10
COLONIAL
(BLK NO. 5)
HIGHLANDS

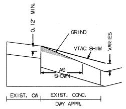

IGHLANDS
CONT.
OF
(BLK NO. 6)
MARION
RIDGE
LOT 4
294-0544-100
54
64
LOT 3
294-0543
50
LOT 2
294-0542
50
LOT 1
294-0541
50
DRIVEWAY
WIDTH EST GRIND
LOC.
DRIVEWAY
WIDTH EST 10'
LOC.
DRIVEWAY
WIDTH EST GRIND
LOC.
DRIVEWAY
WIDTH EST 10'
LOC.
4+00
5+00
•3347
•3357
•3363
•3369
CONC DWY
LAWN
BRICK WALK
OBST.
ASPH DWY
SAW 1¹⁄₂ B
REM & CONST
3" ASPH ON
V. T. CONC BASE
REM
3"
V. T. C
137.36
138.02
GRIND DWY
(SEE DETAIL)
RESET
CB
134.50
REM & CONST
7" CONC DWY
(FIG 26)
GRIND DWY
(SEE DETAIL)
R&R 7"
CONC DWY
(FIG 26)
132.22
132.84
133.40
134.05
134.76
135.43
136.10
136.65
137.20
SAW
R&R 31" VFCC&G
(COV)
ST.
132.70
133.33
133.98
134.63
135.28
135.97
136.58
137.19
137.76
1956 8" REIN CONC
60
R&R 31" VFCC&G
(COV)
RESET CB
R&R 31" VFCC&G
(COV)
R&R 31" VFCC&G
(COV FLG)
132.35
132.83
133.50
134.05
134.74
135.27
135.96
136.65
137.36
134.45
135.65
GRIND DWY
(SEE DETAIL)
GRIND DWY
(SEE DETAIL)
GRIND DWY
(SEE DETAIL)
R&R 7"
CONC DWY
(FIG 26)
GRIND DWY
(SEE DETAIL)
137.00
REM STEP
137.11 BOR
SAW
SAW
@ BOR
138.47
BM
HYD N/L
•3348 97TH ST
ELEV - 135.664
DRIVEWAY
WIDTH EST GRIND
LOC.
DRIVEWAY
WIDTH EST GRIND
LOC.
DRIVEWAY
WIDTH EST GRIND
LOC.
DRIVEWAY
WIDTH EST 5'
LOC.
DRIVEWAY
WIDTH EST GRIND
LOC.
•3342
•3348
•3356
•3362
•3370
4+00
5+00
40
294-0059
LOT 11
54
294-0537
LOT 5
50
294-0538
LOT 6
50
294-0539
LOT 7
50
294-0540
LOT 8
CONT.
OF
(BLK NO. 5)
MARION
RIDGE


6+00
DRIVEWAY
WIDTH EST 9'
LOC.
& CONST
ASPH ON
CONC BASE
ASPH DWY
SAW 1º B
ROCK WALL
138.61
139.29
CONC DWY
R&R 7"
CONC DWY
(FIG 26)
5'+TR
137.90
SAW
138.60
138.54
139.16
SEE SHEET
2 OF 2
137.92
138.46
GRIND DWY
(SEE DETAIL)
CONC DWY
EP
CONC DWY
DRIVEWAY
WIDTH EST GRIND
LOC.
6+00



NOTES :

- Ⓘ, Ⓘ, Ⓘ, DENOTES RAMP TYPE.
- CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.
- OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE CENTERLINE.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.
- GRADE AND PLACE 1.5' WIDTH SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE INDICATED.
- ASPHALT PATCH REMOVAL TO BE DETERMINED AT THE TIME OF CONSTRUCTION BY THE CONSTRUCTION SUPERVISOR.
- IN AREAS OF GRINDING, GRIND TO OBTAIN 0.12' MINIMUM COVER AT CURB FLANGE, 0.17' MINIMUM AT BUTT JOINTS AND 0.21' MINIMUM ELSEWHERE.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED "SAN" (SANITARY)
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES W/ 0.10' CROWN IN EACH PASS, REDUCING CROWN THROUGH INTERSECTIONS AS SHOWN.


0.12' MIN.
GRIND
VTAC SHIM
VARIES
AS SHOWN
EXIST. CW
EXIST. CONC. DWY APPR.

TYPICAL SECTION
ASPHALT SHIM ON DRIVEWAYS

CONDITION OF CONCRETE

- B BROKEN
- BL BLUE LINED
- BP BACK PITCHED
- C CRACKED
- EP EXCESSIVE PITCH
- H HEAVED
- JF JOINT FAILURE
- MJ MUD JACKED
- P PATCHED
- PC POOR CONDITION
- S SETTLED
- SP SPALLED
- VGC VERY GOOD
- VPC VERY POOR

ESTIMATE / CERTIFICATE QUANTITIES

	DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ.TOT.
☒	MOBILIZATION	L.S.						
☒	FINISHING ROADWAY	L.S.						
☒	BARRICADING AND SIGNING	L.S.						
☒	CUTTING	C.Y.						
☒	ROADWAY CUTTING	C.Y.						
☒	FILLING	C.Y.						
☒	ROADWAY FILLING	C.Y.						
☒	PAVEMENT REMOVAL	S.Y.						
☒	BITUMINOUS SURFACE REMOVAL	S.Y.						
☒	CURB &/OR CURB & GUTTER REMOVAL	L.F.						
☒	CONC.WALK &/OR DRIVEWAY REMOVAL	S.F.						
☒	SAWING (FULL DEPTH)	L.F.						
☒	SAWING	L.F.						
	TREES CLEARING	I.D.						
	TREES GRUBBING	I.D.						
☒	CONCRETE CURB & GUTTER	L.F.						
☒	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
☒	5" CONCRETE WALK	S.F.						
☒	7" CONCRETE DRIVEWAY	S.F.						
	CONCRETE PAVEMENT	S.Y.						
	7" CONCRETE ALLEY PAVEMENT	S.Y.						
☒	V.T. CONCRETE BASE	C.Y.						
☒	6" CONCRETE BASE	S.Y.						
☒	TACK COAT	GAL.						
☒	BASE PREP. FOR ASPHALT SURFACE	L.S.						
☒	V.T.ASPH.CONC.PAV'T.(MAX.)	S.Y.						
	CRUSHED STONE BASE							
	CRUSHED GRAVEL BASE							
☒	GRAVEL FILLING	TON						
☒	SODDING	S.Y.						
☒	TOPSOIL	C.Y.						
☒	PAVEMENT GRINDING (ASPHALT)	S.Y.						
☒	PAVEMENT GRINDING (CONCRETE)	S.Y.						
	SEALING PAV'T JOINTS & CRACKS	S.Y.						
	MANHOLE RINGS	EACH						
☒	SEWER FRAME ADJUSTMENT	V.F.						
☒	MANHOLE SEAL (CITY FURNISHED)	EACH						
☒	EROSION CONTROL (TYPE M)	EACH						
☒	JT. & CRACK REPAIR	L.F.						1000
☒	CRACK & SEAT	S.Y.						

DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

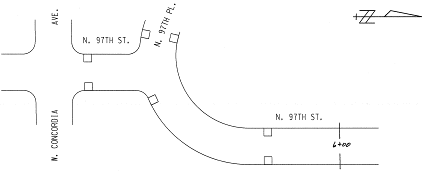
FILE NO. 511

PLAN OF: N. 97TH ST. (3300N, 9700W)
W. CONCORDIA AVE. TO W. KEEFE AVE.
THIS SECTION: W. CONCORDIA AVE. TO STA. 6·00

DRAWN BY	B. MATHENY	DATE: 01/29/14	PROJECT NO. ST211140120		SHEET 1 OF 2
DESCRIPTIONS BY	B. MATHENY	DATE: 01/29/14			
LEVELS BY	R. PLUTA	DATE: 12/13/12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	294	5
DESIGNED BY	A. SCHAAFSMA	DATE: 03/21/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. SALAPAT	DATE: 04/02/14	REVISED:		
CHECKED BY	D. Wataph	DATE: 5/20/14	REVISED:		
APPROVED BY		DATE: 5/22/14	REVISED:		
FILE: V:\PWELIB\PAVING\29306.FIN					
PLOT DATE: 19-MAY-2014					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W. - 0	RESET - 7	ABANDON - 0
PROJECT IN SEPARATED AREA		

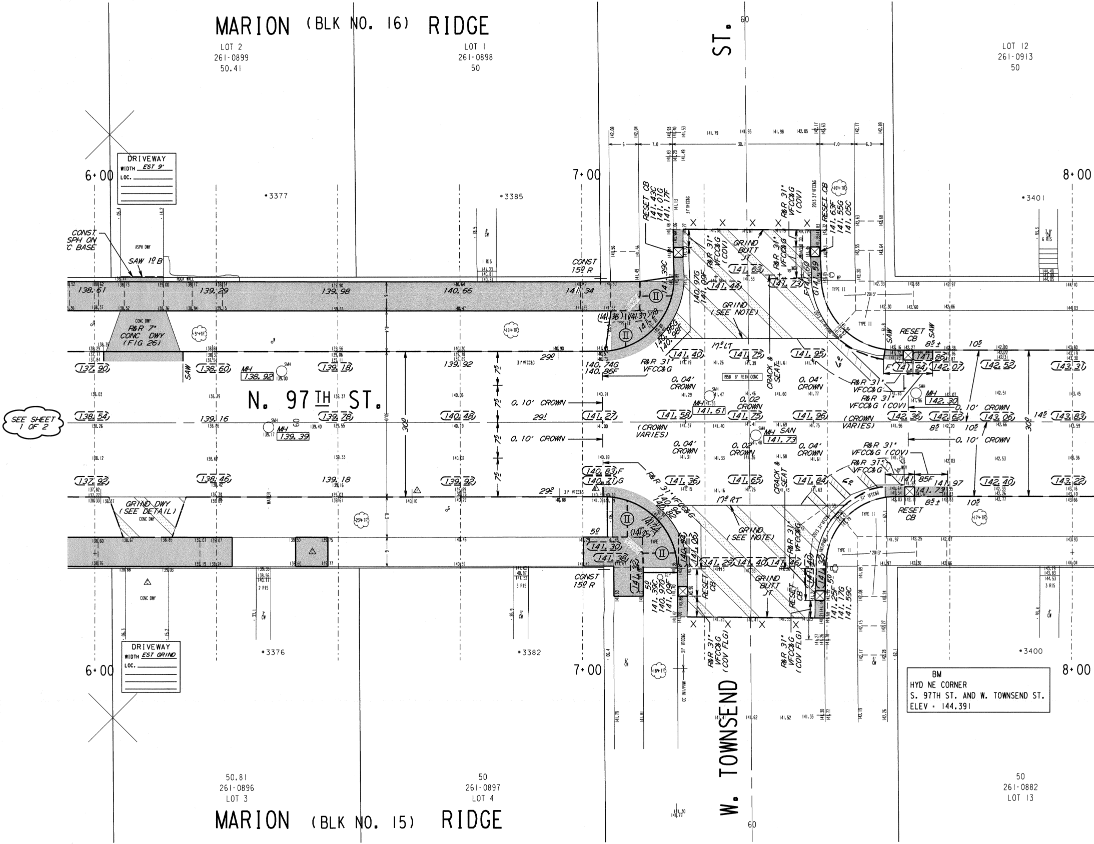

AVE.
N. 97TH ST.
N. 97TH PL.
W. CONCORDIA
N. 97TH ST.
6+00

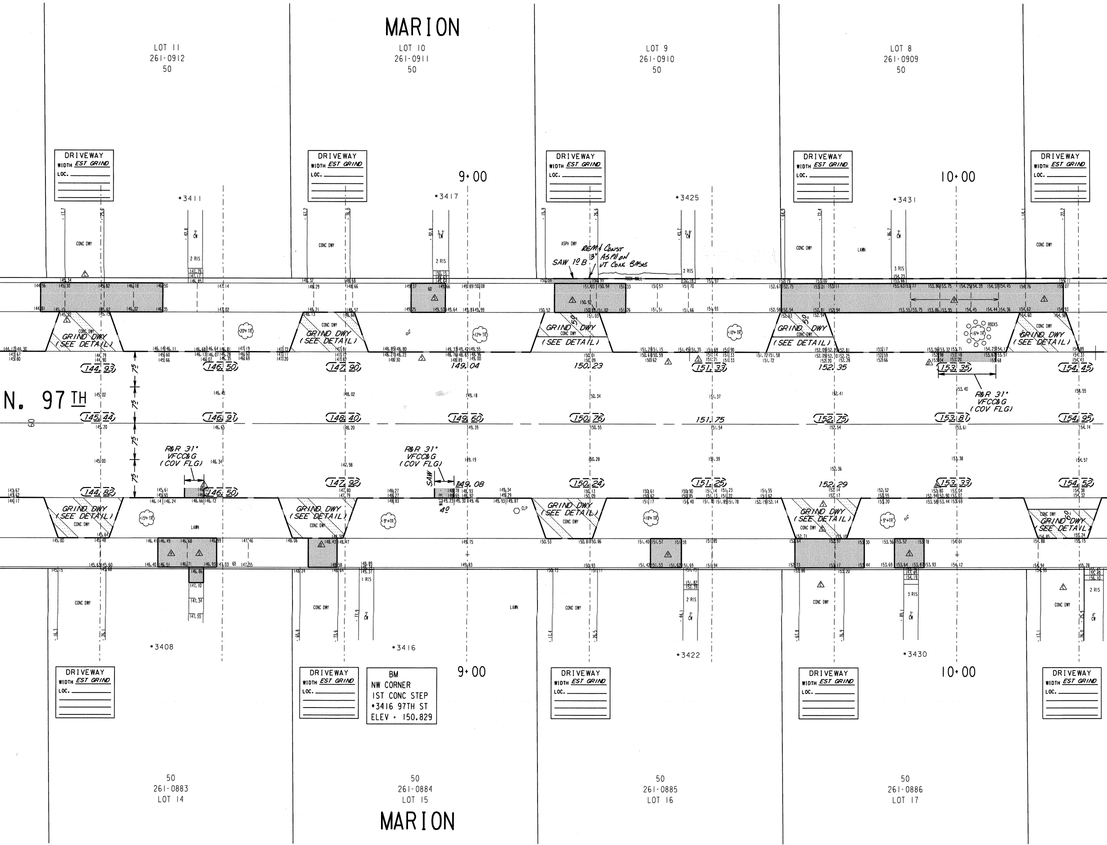
DATE / TO	5/27/14	7/28/14			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S	1				
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
TrafficEng	1				
RM 506		6			
PLAN SIZE	17.5' X 120'				

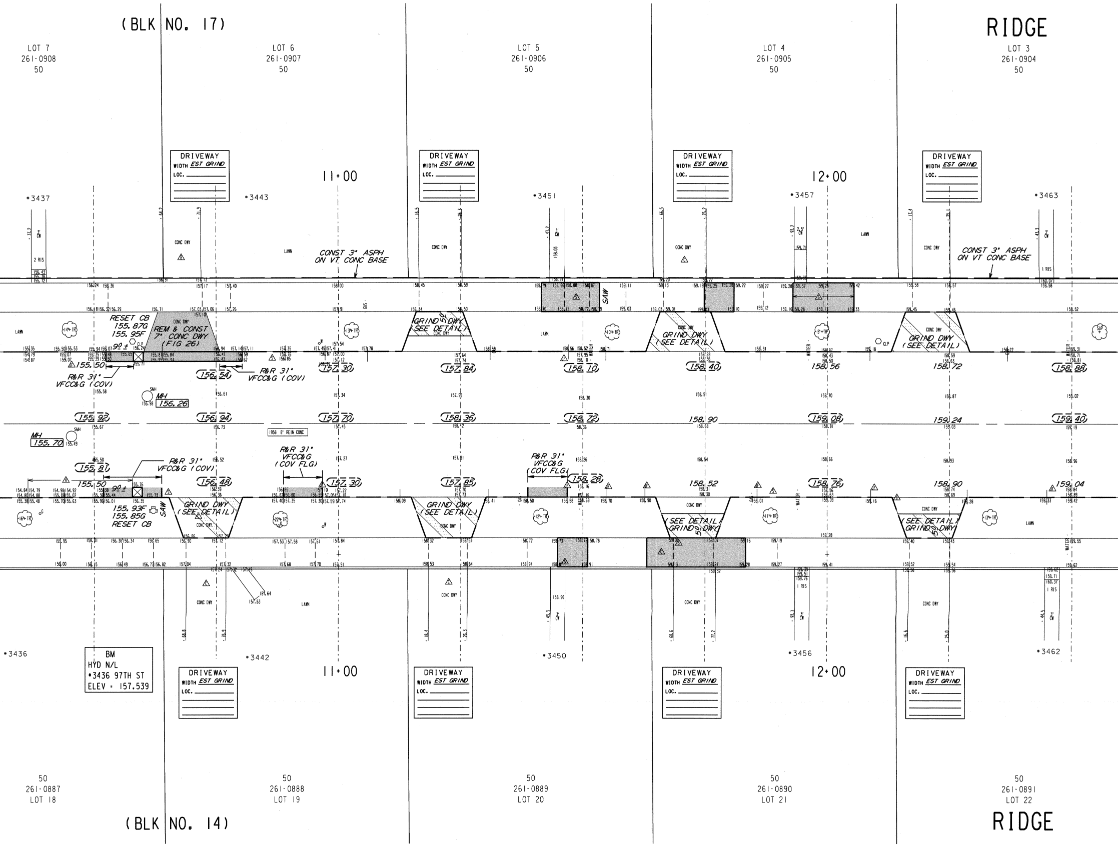
EROSION CONTROL AND C.B. REQUISITION PLAN

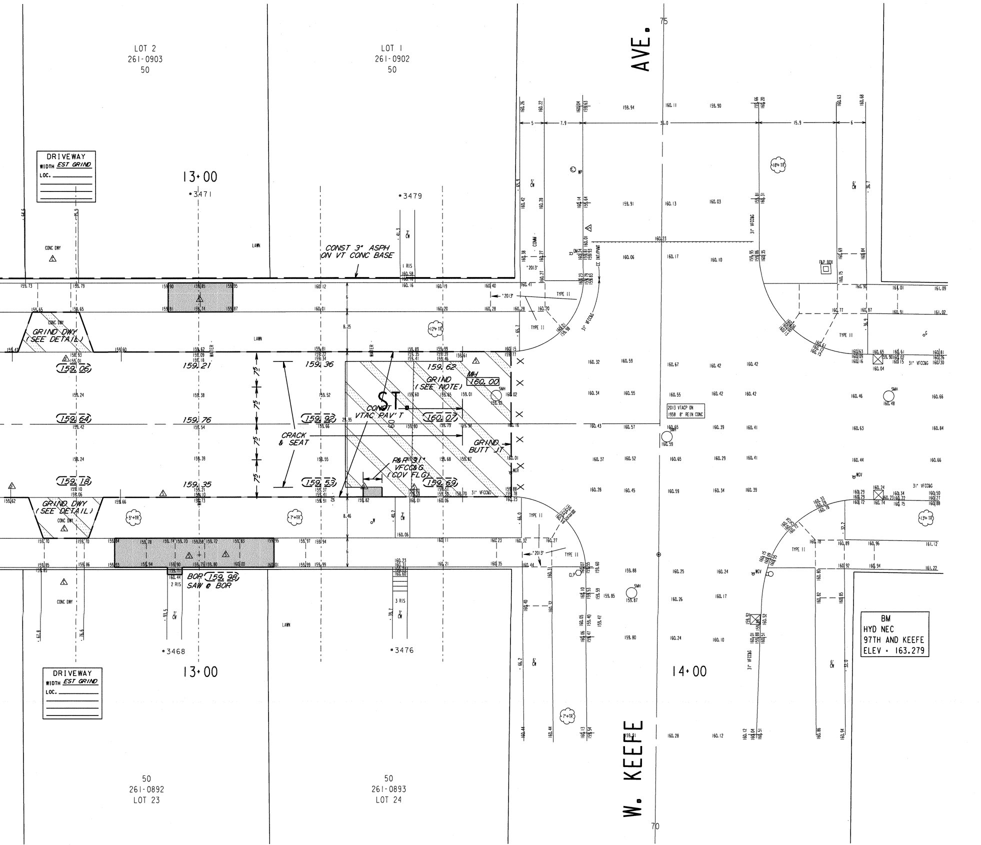
	TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	☒
THIS SHEET	7	0	7	0	NO WORK
ENTIRE PROJECT	15	0	15	0	

N. 97TH ST. - W. CONCORDIA AVE. TO W. KEEFE AVE. (1 OF 2)
W. CONCORDIA AVE. TO STA. 6·00 ST211140120 17.5"X120" 29306 #

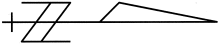

MARION (BLK NO. 16) RIDGE
LOT 2
261-0899
50.41
LOT 1
261-0898
50
LOT 12
261-0913
50
ST.
60
DRIVEWAY
WIDTH EST 9'
LOC.
6+00
7+00
8+00
*3377
*3385
*3401
CONST
SPH ON
'C BASE
SAW 1º B
ASPH DWY
ROCK WALL
1 RIS
CONST
15º R
RESET CB
141.43C
141.01G
141.17F
R&R 31" VFCC&G (COV)
GRIND BUTT JT
RESET CB
141.63F
141.55G
141.05C
R&R 7" CONC DWY (FIG 26)
GRIND (SEE NOTE)
17º LT
CRACK & SEAT
1958 8" REIN CONC
R&R 31" VFCC&G
RESET CB
R&R 31" VFCC&G (COV)
MH 138.92
MH 139.39
MH 141.61
SAN MH 141.73
MH 142.30
N. 97TH ST.
0.10' CROWN
0.04' CROWN
0.02 CROWN
(CROWN VARIES)
SEE SHEET 1 OF 2
138.61
139.29
139.98
140.66
141.34
137.90
138.60
139.18
139.92
138.54
139.16
140.48
141.27
141.58
141.75
141.96
142.36
143.06
143.83
137.92
138.46
139.18
139.92
141.36
141.65
141.84
142.40
143.22
142.52
143.31
141.40
141.75
141.95
141.94
142.07
141.86
30'
29'
29!
29º
10º
14º
8º
GRIND DWY (SEE DETAIL)
CONC DWY
R&R 31" VFCC&G
CONST
15º R
17º RT
GRIND (SEE NOTE)
RESET CB
GRIND BUTT JT
RESET CB
141.39C
140.97G
141.09F
141.25F
141.17G
141.59C
R&R 31" VFCC&G (COV FLG)
R&R 31" VFCC&G (COV)
RESET CB
DRIVEWAY
WIDTH EST GRIND
LOC.
*3376
*3382
*3400
BM
HYD NE CORNER
S. 97TH ST. AND W. TOWNSEND ST.
ELEV = 144.391
W. TOWNSEND
60
50.81
261-0896
LOT 3
50
261-0897
LOT 4
50
261-0882
LOT 13
MARION (BLK NO. 15) RIDGE


MARION
LOT 11
261-0912
50
LOT 10
261-0911
50
LOT 9
261-0910
50
LOT 8
261-0909
50
DRIVEWAY
WIDTH EST GRIND
LOC.
9+00
10+00
•3411
•3417
•3425
•3431
CONC DWY
ASPH DWY
LAWN
2 RIS
3 RIS
SAW 1'9 B
REM & CONST 3" ASPH ON 4" CONC BASE
ROCK WALL
GRIND DWY (SEE DETAIL)
R&R 31" VFCC&G (COV FLG)
SAW
WATER
ROCKS
CLP
144.93
146.50
147.90
149.04
150.23
151.33
152.35
153.35
154.45
N. 97TH
60
75
145.44
146.91
148.40
149.60
150.76
151.75
152.75
153.81
154.95
144.82
146.50
147.92
149.08
150.24
151.25
152.29
153.33
154.52
•3408
•3416
•3422
•3430
BM
NW CORNER
1ST CONC STEP
•3416 97TH ST
ELEV • 150.829
50
261-0883
LOT 14
50
261-0884
LOT 15
50
261-0885
LOT 16
50
261-0886
LOT 17


(BLK NO. 17)
RIDGE
LOT 7
261-0908
50
LOT 6
261-0907
50
LOT 5
261-0906
50
LOT 4
261-0905
50
LOT 3
261-0904
50
DRIVEWAY
WIDTH EST GRIND
LOC.
11+00
12+00
•3437
•3443
•3451
•3457
•3463
CONC DWY
LAWN
2 RIS
1 RIS
CONST 3" ASPH ON VT CONC BASE
SAW
RESET CB 155.87G 155.95F
90 ±
REM & CONST 7" CONC DWY (FIG 26)
GRIND 50' DWY (SEE DETAIL)
GRIND DWY (SEE DETAIL)
14" TR
13" TR
10" TR
5" TR
12" TR
22" TR
16" TR
11" TR
SAP
CLP
WATER
GAS
155.50
R&R 31" VFCC&G (COV)
156.54
157.30
157.84
158.10
158.40
158.56
158.72
158.88
SMH
MH 156.26
155.92
156.94
157.70
158.36
158.72
158.90
159.08
159.24
159.40
1958 8" REIN CONC
MH 155.70
SMH
R&R 31" VFCC&G (COV FLG)
155.81
156.48
157.30
157.85
158.28
158.52
158.76
158.90
159.04
155.50
155.93F 155.85G RESET CB
(SEE DETAIL) GRIND 50' DWY
BM
HYD N/L
•3436 97TH ST
ELEV = 157.539
•3436
•3442
•3450
•3456
•3462
50
261-0887
LOT 18
50
261-0888
LOT 19
50
261-0889
LOT 20
50
261-0890
LOT 21
50
261-0891
LOT 22
(BLK NO. 14)
RIDGE



LOT 2
261-0903
50
LOT 1
261-0902
50
AVE.
75
DRIVEWAY
WIDTH EST GRIND
LOC.
13+00
*3471
*3479
CONC DWY
LAWN
CONST 3" ASPH ON VT CONC BASE
1 RIS
GRIND DWY (SEE DETAIL)
159.06
159.21
159.36
159.62
GRIND (SEE NOTE)
MH 160.00
SMH
159.64
159.76
159.92
160.07
ST.
CONST VTAC PAV'T
60
CRACK & SEAT
75
75
75
75
GRIND BUTT JT
159.18
159.35
159.53
159.69
P&R 31" VFCC&G (COV FLG)
31" VFCC&G
TYPE II
'2013'
GRIND DWY (SEE DETAIL)
5"+TR
7"+TR
12"+TR
BOR 159.98 SAW @ BOR
2 RIS
3 RIS
*3468
*3476
13+00
DRIVEWAY
WIDTH EST GRIND
LOC.
50
261-0892
LOT 23
50
261-0893
LOT 24
W. KEEFE
70
14+00
2013 VTACP ON 1958 8" REIN CONC
CC INT/PVMT
COMM
WP
18"+TR
13"+TR
7"+TR
F&P BOX
WGV
CLP
BM
HYD NEC
97TH AND KEEFE
ELEV = 163.279



ESTIMATE / CERTIFICATE QUANTITIES

	DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ.TOT.
	MOBILIZATION	L.S.						
	FINISHING ROADWAY	L.S.						
	BARRICADING AND SIGNING	L.S.						
	CUTTING	C.Y.						
	ROADWAY CUTTING	C.Y.						
	FILLING	C.Y.						
	ROADWAY FILLING	C.Y.						
	PAVEMENT REMOVAL	S.Y.						
	BITUMINOUS SURFACE REMOVAL	S.Y.						
	CURB &/OR CURB & GUTTER REMOVAL	L.F.						
	CONC.WALK &/OR DRIVEWAY REMOVAL	S.F.						
	SAWING (FULL DEPTH)	L.F.						
	SAWING	L.F.						
	TREES CLEARING	I.D.						
	TREES GRUBBING	I.D.						
	CONCRETE CURB & GUTTER	L.F.						
	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
	5" CONCRETE WALK	S.F.						
	7" CONCRETE DRIVEWAY	S.F.						
	CONCRETE PAVEMENT	S.Y.						
	7" CONCRETE ALLEY PAVEMENT	S.Y.						
	V.T. CONCRETE BASE	C.Y.						
	CONCRETE BASE	S.Y.						
	TACK COAT	GAL.						
	BASE PREP. FOR ASPHALT SURFACE	L.S.						
	V.T.ASPH.CONC.PAV'T.(MAX.)	S.Y.						
	CRUSHED STONE BASE							
	CRUSHED GRAVEL BASE							
	GRAVEL FILLING	TON						
	SODDING	S.Y.						
	TOPSOIL	C.Y.						
	PAVEMENT GRINDING (ASPHALT)	S.Y.						
	PAVEMENT GRINDING (CONCRETE)	S.Y.						
	SEALING PAV'T JOINTS & CRACKS	S.Y.						
	MANHOLE RINGS	EACH						
	SEWER FRAME ADJUSTMENT	V.F.						
	MANHOLE SEAL (CITY FURNISHED)	EACH						
	EROSION CONTROL (TYPE M)	EACH						

CONDITION
OF
CONCRETE

△B	BROKEN
△BL	BLUE LINED
△BP	BACK PITCHED
△C	CRACKED
△EP	EXCESSIVE PITCH
△H	HEAVED
△JF	JOINT FAILURE
△MJ	MUD JACKED
△P	PATCHED
△PC	POOR CONDITION
△S	SETTLED
△SP	SPALLED
△VGC	VERY GOOD
△VPC	VERY POOR

6+00

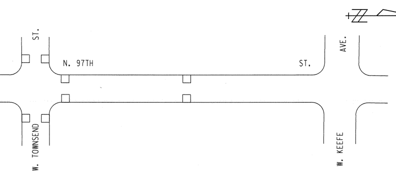
THI

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN					FILE NO. 512
PLAN OF:	N. 97TH ST.				(3300N, 9700W)
W. CONCORDIA AVE. TO W. KEEFE AVE.					
THIS SECTION: STA. 6+00 TO W. KEEFE AVE.					
DRAWN BY	B. MATHENY	DATE: 01/29/14	PROJECT NO.		
DESCRIPTIONS BY	B. MATHENY	DATE: 01/29/14	ST211140120		SHEET 2 OF 2
LEVELS BY	R. PLUTA	DATE: 12/13/12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	294	5
DESIGNED BY	A. SCHAAFSMA	DATE: 03/21/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. SALAPAT	DATE: 04/02/13	REVISED:		
CHECKED BY	D. Ulabah	DATE: 5/20/14	REVISED:		
APPROVED BY	Robert D. Vitt	DATE: 5/22/14	REVISED:		
FILE: V:\PWELIB\PAVING\29306.FIN					
PLOT DATE: 19-MAY-2014					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W. - 0	RESET - 8	ABANDON - 0
PROJECT IN SEPARATED AREA		

TO \ DATE	5/27/14	7/28/14			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S	1				
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
TrafficEng	1				
RM 506		6			
PLAN SIZE	17.5' X 120'				


W. TOWNSEND ST.
N. 97TH ST.
W. KEEFE AVE.

EROSION CONTROL AND C.B. REQUISITION PLAN

TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	☐ NO WORK
S SHEET 8	0	8	0	