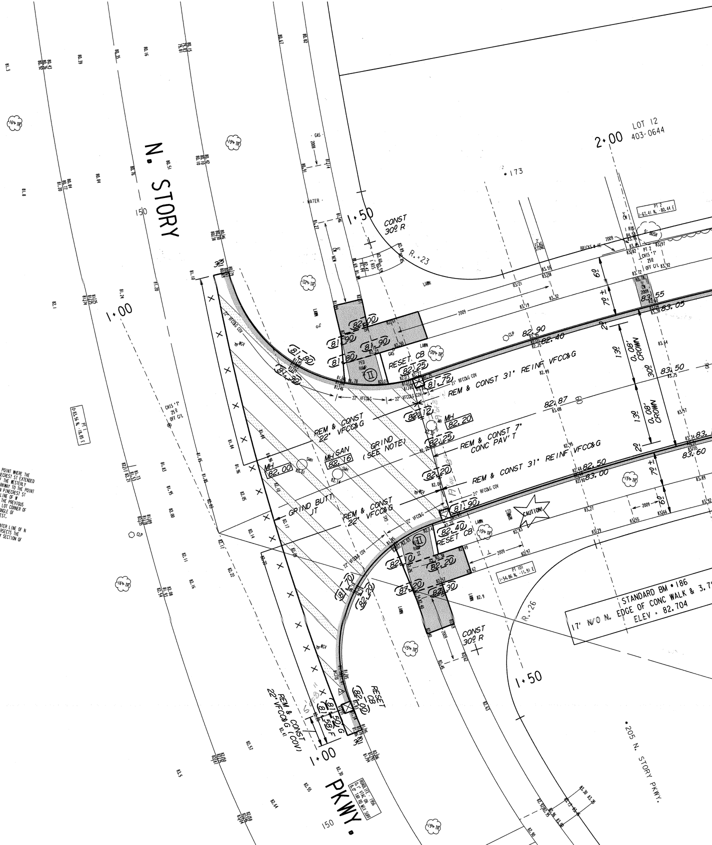
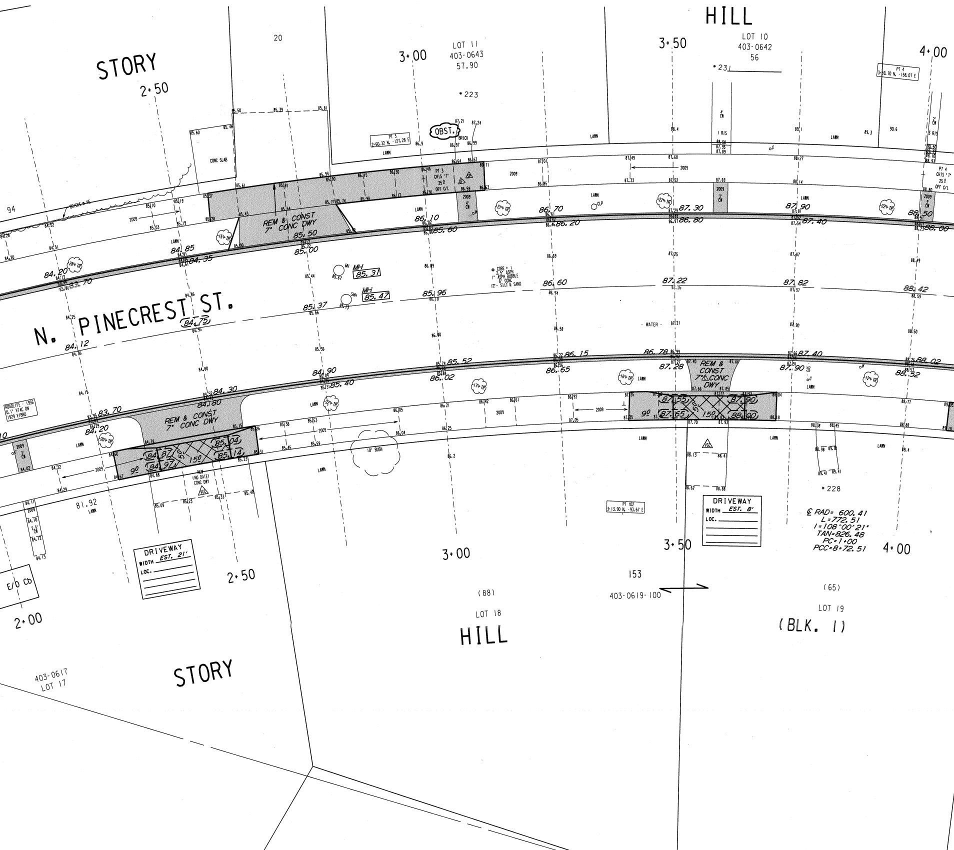
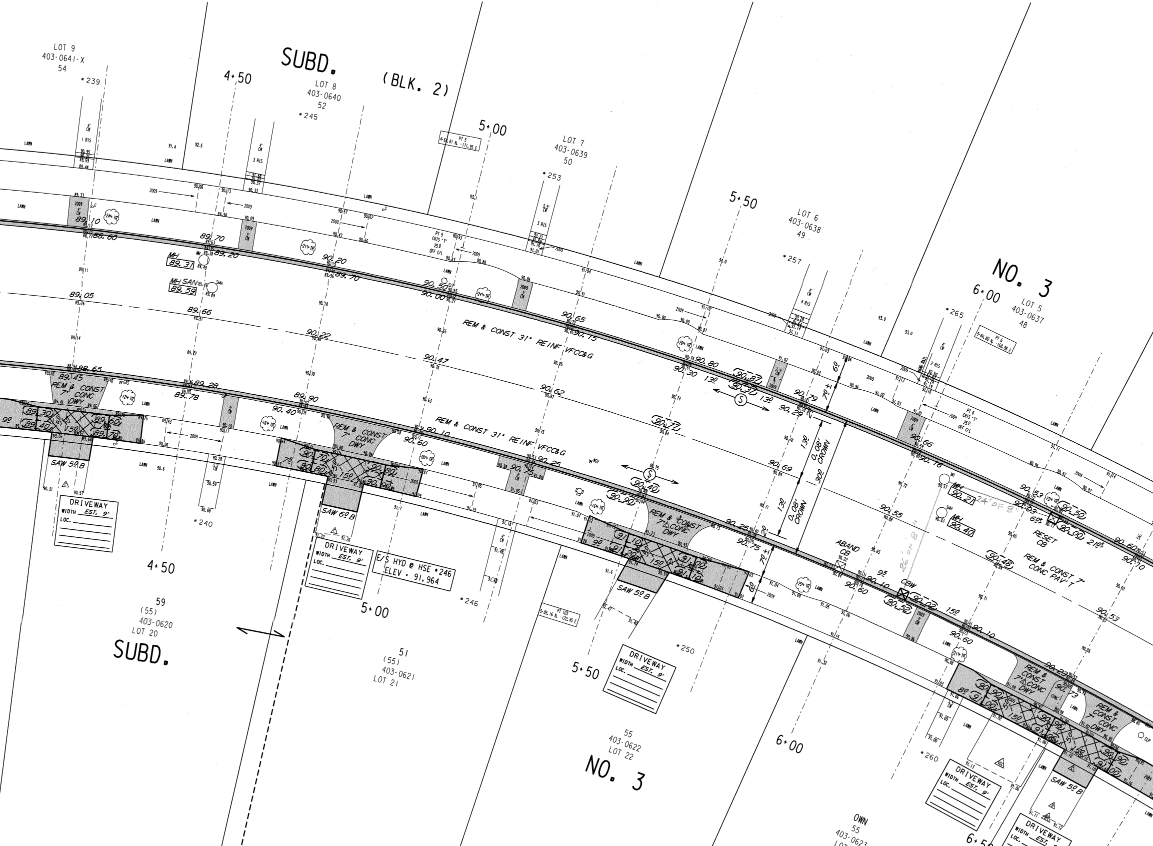
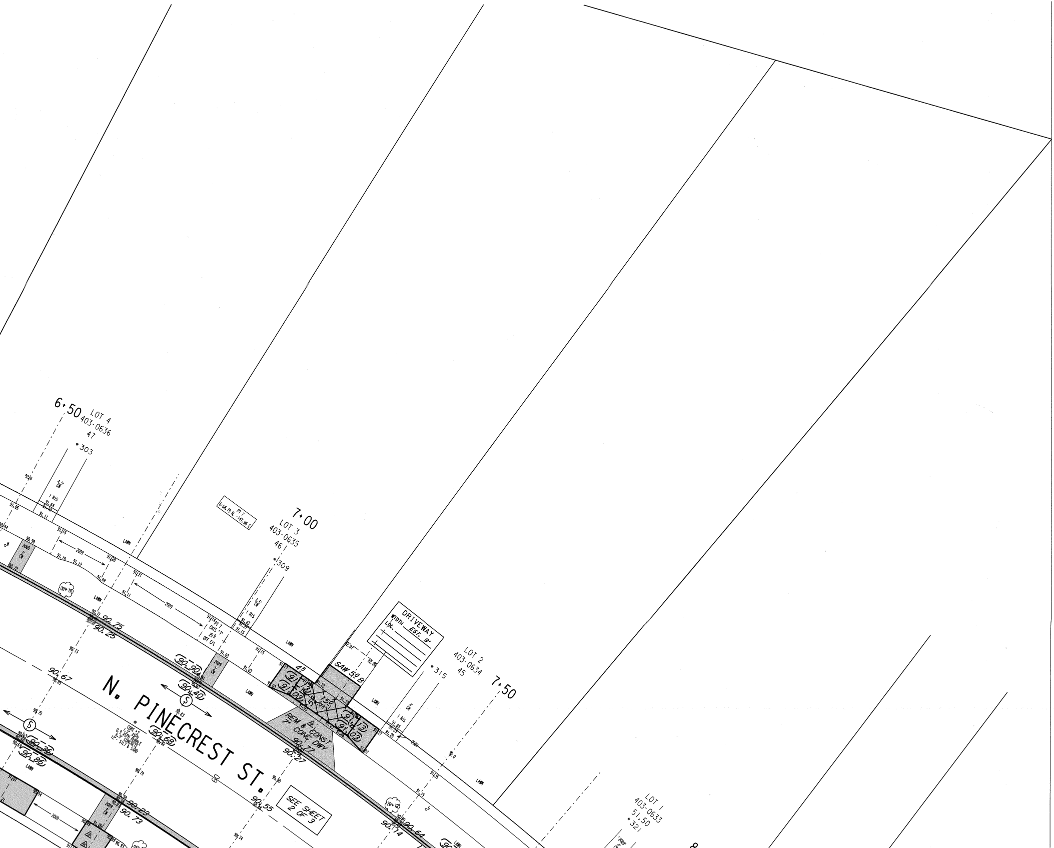

N. STORY
PKWY.
LOT 12
403-0644
2+00
1+50
1+00
150
CONST 30º R
R.=23
R.=26
REM & CONST 31" REINF VFCC&G
REM & CONST 7" CONC PAV'T
REM & CONST 22" VFCC&G
REM & CONST 22" VFCC&G (COV)
GRIND (SEE NOTE)
GRIND BUTT JT
RESET CB
MH 82.20
MH SAN 82.16
MH 82.00
PED RAMP
0.08' CROWN
CAUTION!
STANDARD BM •186
17' N/O N. EDGE OF CONC WALK & 3.7
ELEV = 82.704
•173
•205 N. STORY PKWY.
CHIS 'T' 25ª OFF C/L
LAWN
GAS
WATER
CLP
2009

TRANSIT LINE: THE POINT WHERE THE CENTER LINE OF N PINECREST ST EXTENDED TO THE CENTER LINE OF THE WESTERLY SECTION OF N STORY PARKWAY TO THE POINT WHERE CENTER LINE OF N PINECREST ST INTERSECTS THE CENTER LINE OF W SUNNYSIDE DR. THEN FROM THE PREVIOUS POINT TO THE SOUTH WEST LOT CORNER OF THE HSE. •474, WITH AN ANGLE OF 175°15'46.1982" TO THE WEST.

STATION: 1+00 IS THE CENTER LINE OF N PINECREST ST EXTENDED INTERSECTS THE CENTER LINE OF THE WESTERLY SECTION OF N STORY PARKWAY EXTENDED.


STORY
2+50
20
3+00
LOT 11
403-0643
57.90
*223
HILL
3+50
LOT 10
403-0642
56
*231
4+00
PT 4
3+59.70 N, -158.07 E
PT 3
2+60.32 N, -127.28 E
OBST.
BRICK
CONC SLAB
LAWN
PT 3
CHIS 'T'
25º
OFF C/L
2009
4' CW
1 RIS
3' CW
2' CW
3 RIS
PT 4
CHIS 'T'
25º
OFF C/L
REM & CONST
7" CONC DWY
MH 85.31
MH 85.47
CORE # 1
2.5" ASPH
1" ASPH RUBBLE
6" CONC
12" - SILT & SAND
CLP
N. PINECREST ST.
84.75
WATER
REM & CONST
7" CONC DWY
9º
15º
ROADLIFE - 1956
0.1' VTAC ON
1929 VIBRO
NEW
(NO DATE)
CONC DWY
10' BUSH
PT 102
3+13.90 N, -93.67 E
DRIVEWAY
WIDTH EST. 21'
LOC.
DRIVEWAY
WIDTH EST. 8'
LOC.
*228
℄ RAD= 600.41
L=772.51
I=108°00'21"
TAN=826.48
PC=1+00
PCC=8+72.51
E/O Cb
2+00
2+50
3+00
3+50
4+00
153
403-0619-100
(88)
LOT 18
HILL
(65)
LOT 19
(BLK. 1)
STORY
403-0617
LOT 17
81.92
84.20
83.70
84.85
84.35
85.50
85.00
86.10
85.60
86.70
86.20
87.30
86.80
87.90
87.40
88.50
88.00
85.96
86.60
87.22
87.82
88.42
85.37
84.12
84.30
84.80
84.90
85.40
85.52
86.02
86.15
86.65
86.78
87.28
87.40
87.90
88.02
88.52
84.87
84.97
85.04
85.14
87.55
87.65
87.90
88.00


LOT 9
403-0641-X
54
*239
SUBD.
4+50
LOT 8
403-0640
52
*245
(BLK. 2)
5+00
PT 5
LOT 7
403-0639
50
*253
5+50
LOT 6
403-0638
49
*257
NO. 3
6+00
LOT 5
403-0637
48
*265
PT 6
LAWN
2009
MH
89.31
MH SAN
89.59
REM & CONST 31" REINF VFCC&G
REM & CONST 7" CONC DWY
SAW 5' B
SAW 6' B
SAW 5' B
DRIVEWAY
WIDTH EST. 9'
LOC.
E/S HYD @ HSE *246
ELEV = 91.964
*240
*246
*250
*260
4+50
5+00
5+50
6+00
59
(55)
403-0620
LOT 20
SUBD.
51
(55)
403-0621
LOT 21
55
403-0622
LOT 22
NO. 3
OWN
55
403-0623
0.08' CROWN
30' CROWN
13'
MH
90.21
MH
90.40
ABAND CB
CBW
RESET CB
REM & CONST 7" CONC PAV'T
24' OF 8"
PT 103
PT 5 CHIS "T" 25' OFF C/L
PT 6 CHIS "T" 25' OFF C/L
88.60
89.10
89.70
89.20
90.20
89.70
90.50
90.00
90.65
90.15
90.80
90.30
90.79
90.29
90.66
90.16
90.53
90.03
90.60
90.10
89.05
89.66
90.22
90.47
90.62
90.72
90.69
90.55
90.48
90.53
88.65
89.45
89.28
89.78
89.90
90.40
90.10
90.60
90.25
90.75
90.40
90.90
90.25
90.75
90.10
90.60
90.10
90.60
90.23
90.73
89.30
89.40
89.60
89.70
90.70
90.80
90.80
90.90
91.10
91.20
91.00
91.10
90.90
91.00
90.96
91.06
90.87
90.37
90.50
90.00
90.02
90.52


6+50
LOT 4
403-0636
47
*303
4.5' CW
1 RIS
91.69
91.12
91.11
92.0
91.05
90.94
91.15
90.98
2009
90.72
2009
91.10
91.12
91.20
91.09
30" TR
LAWN
91.21
91.11
2009
90.71
90.75
90.25
PT 7 6+68.79 N, -147.96 E
7+00
LOT 3
403-0635
46
*309
3.5' CW
1 RIS
91.83
91.21
91.15
91.14 PT 7 CHIS "T" 25.0 OFF C/L
91.03
91.15
91.03
LAWN
90.90
90.40
2009 CW
N. PINECREST ST.
90.73
90.67
90.85
90.75
90.83
CORE #2 1.5" ASPH 0.9' ASPH RUBBLE 6.5" CONCRETE 12" SILT & SAND
90.68
90.92
90.36
90.86
LAWN
90.79
90.80
90.55
90.88
SEE SHEET 2 OF 3
90.23
90.73
2009
91.00
91.01
90.94
90.74
24" TR
45
91.17
91.03
(91.13)
(91.03)
150
2009
SAW 5.0 B
92.07
92.06
91.23
91.23
REM & CONST 7" CONC DWY
90.77
90.27
91.06
91.03
(91.13)
(91.03)
91.07
91.27
DRIVEWAY
WIDTH EST. 9'
LOC.
LOT 2
403-0634
45
*315
4' CW
1 RIS
91.89
91.33
91.28
2009
7+50
92.0
91.35
91.15
LAWN
20" TR
90.80
90.74
90.64
LOT 1
403-0633
51.50
*321
2009

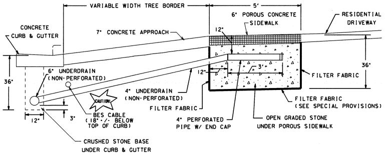
NOTES :

- *(I), (II), (III), 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 & SOD ENTIRE AREA BETWEEN WALK AND CURB.*
- *GRADE & PLACE 1.5' WIDTH SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE INDICATED.*
- *PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES WITH A 0.08' OR 0.06' CROWN IN EACH PASS, REDUCING THROUGH THE INTERSECTION(S) AS SHOWN.*
- *IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.17' MINIMUM COVER AT THE FLANGES AND BUTT JOINTS 0.21' MINIMUM ELSEWHERE.*
- *INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED "SAN" (SANITARY).*
- *ANY TREES TO BE REMOVED AS A PART OF THE PROJECT WILL BE NOTED IN SPECIAL PROVISIONS.*
- *PITCH FLANGE 0.08' UNLESS OTHERWISE SHOWN.*

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.						
☒	POROUS WALK	S.F.						
☒	7" 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.(1/2 MAX.)	S.Y.						
☒	FILTER FABRIC	S.Y.						
☒	OPEN GRADED STONE	C.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						
☒	4" UNDERDRAIN	L.F.						
☒	6" UNDERDRAIN	L.F.						

6" POROUS CONCRETE SIDEWALK


VARIABLE WIDTH TREE BORDER
5'
6" POROUS CONCRETE SIDEWALK
RESIDENTIAL DRIVEWAY
CONCRETE CURB & GUTTER
7" CONCRETE APPROACH
12"
36"
6" UNDERDRAIN (NON-PERFORATED)
12"
3'
FILTER FABRIC
36"
4" UNDERDRAIN (NON-PERFORATED)
CAUTION!
FILTER FABRIC
FILTER FABRIC (SEE SPECIAL PROVISIONS)
BES CABLE (18" +/- BELOW TOP OF CURB)
3"
12"
4" PERFORATED PIPE W/ END CAP
OPEN GRADED STONE UNDER POROUS SIDEWALK
CRUSHED STONE BASE UNDER CURB & GUTTER

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

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

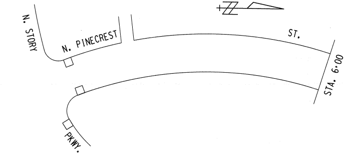
FILE NO. 404

PLAN OF: N. PINECREST ST. (200N, 4900W)
N. STORY PKWY. TO N. 49TH ST.
THIS SECTION: N. SORY PWKY. TO STA. 6+00

DRAWN BY	S. SALAPAT	DATE: 02-24-14	PROJECT NO. ST211140126		SHEET 1 OF 3
DESCRIPTIONS BY	S. SALAPAT	DATE: 02-24-14			
LEVELS BY	S. AMER	DATE: 07-2013	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	403	10
DESIGNED BY	M. MANHARDT	DATE: 05-05-14	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	G. LANGE	DATE: 05-29-14	REVISED:		
CHECKED BY	D. Ulatowski	DATE: 6/10/14	REVISED:		
APPROVED BY		DATE: 6/11/14	REVISED:		
FILE: V:\PWELIB\PAVING\23571.FIN					
PLOT DATE: 05-JUN-2014					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 0	RESET- 3	ABANDON- 0
PROJECT IN SEPARATED AREA		

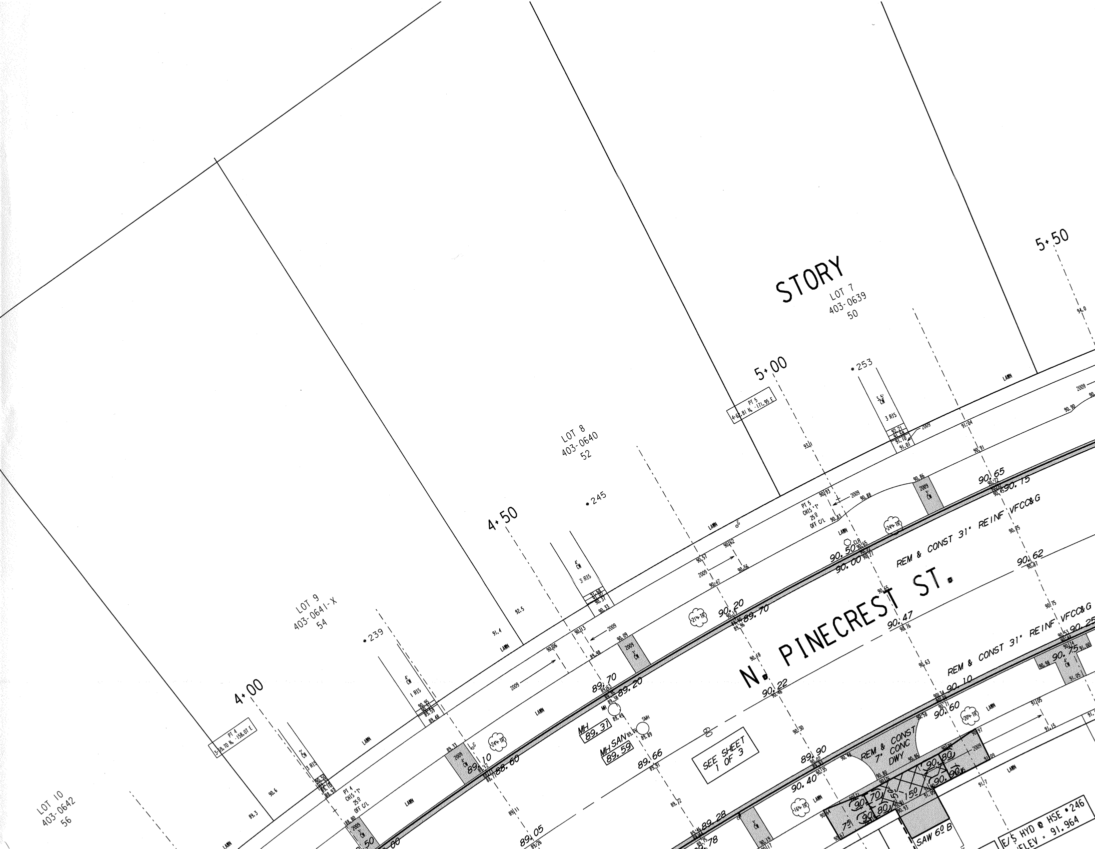

N. STORY
N. PINECREST
ST.
STA. 6+00
PKWY.

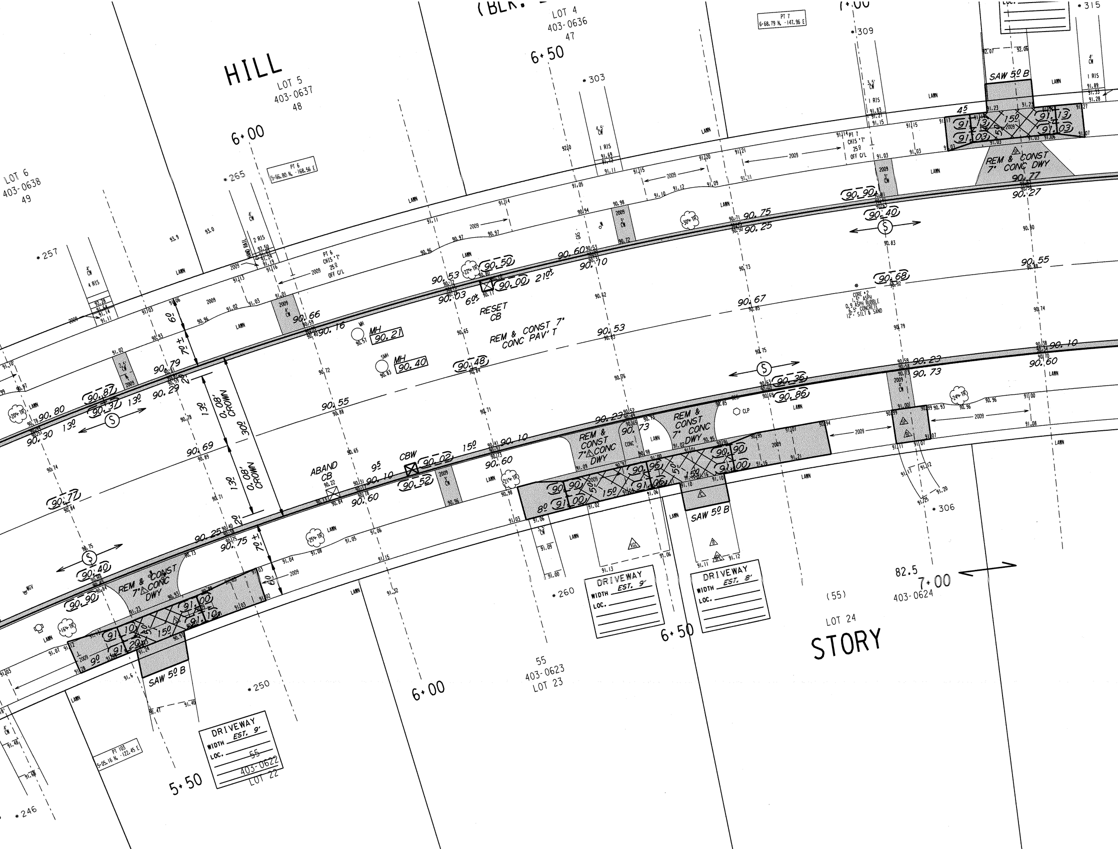
EROSION CONTROL AND C.B. REQUISITION PLAN

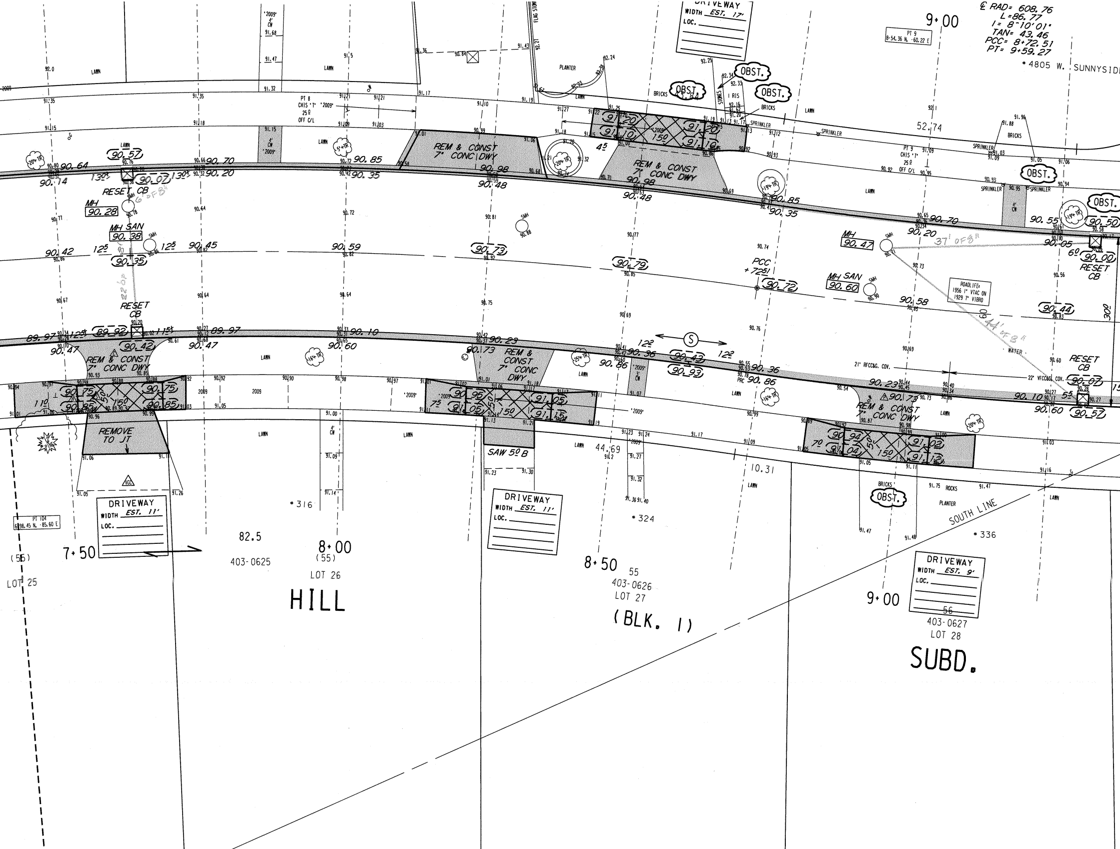
	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	☐̸
THIS SHEET	3	0	3	0	NO WORK
PROJECT TOTAL	23	6	13	8	

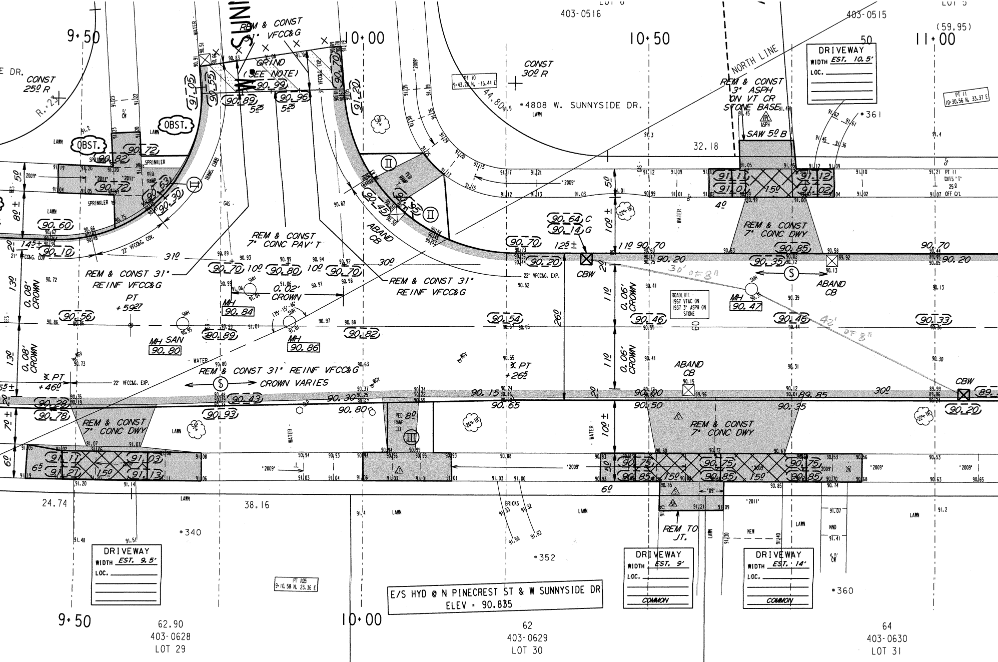
TO \ DATE	6/13/14	8/14/14			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S	1				
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic Eng RM 506	1	6			
PLAN SIZE					

N. STORY PKWY. TO STA. 6+00 ST211140126 18" X 120" 23571 #404
N. PINECREST ST. - N. STORY PKWY. TO N. 49TH ST. (1 OF 3)

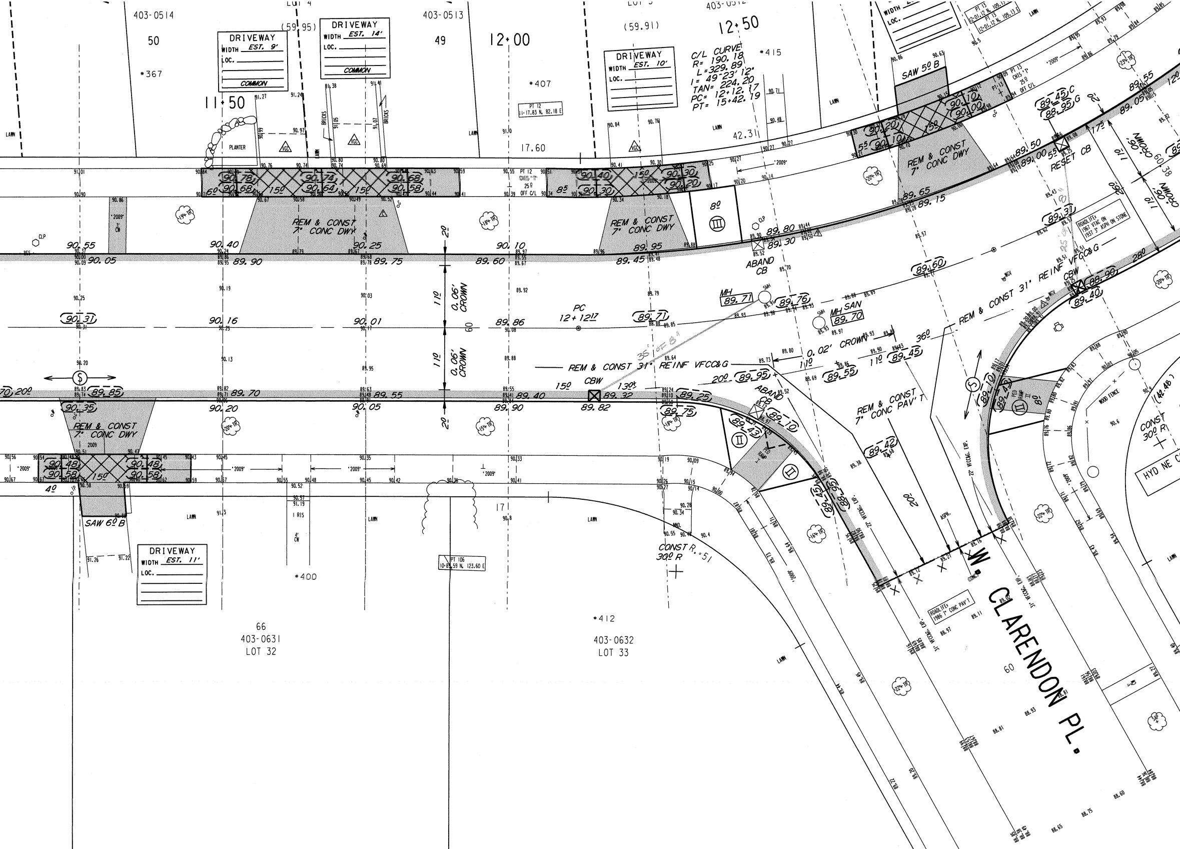

STORY
LOT 7
403-0639
50
LOT 8
403-0640
52
LOT 9
403-0641-X
54
LOT 10
403-0642
56
4+00
4+50
5+00
5+50
*239
*245
*253
N. PINECREST ST.
REM & CONST 31" REINF VFCC&G
REM & CONST 31" REINF VFCC&G
REM & CONST 7" CONC DWY
SEE SHEET 1 OF 3
MH 89.31
MH SAN 89.59
SMH
PT 5 4+61.81 N. -171.95 E
PT 4 3+89.70 N. -158.07 E
PT 5 CHIS "T" 25' OFF C/L
PT 4 CHIS "T" 25' OFF C/L
3.5' CW
3 RIS
4' CW
3 RIS
4' CW
1 RIS
4' CW
5 RIS
LAWN
2009
24" TR
21" TR
20" TR
18" TR
16" TR
94.0
93.1
92.5
91.4
90.6
89.3
90.65
90.75
90.50
90.00
90.62
90.20
89.70
90.47
90.22
89.70
89.20
89.10
88.60
89.66
89.90
90.40
90.10
90.60
90.80
90.90
90.70
90.25
90.75
89.05
89.28
SAW 6" B
E/S HYD @ HSE *246
ELEV - 91.964

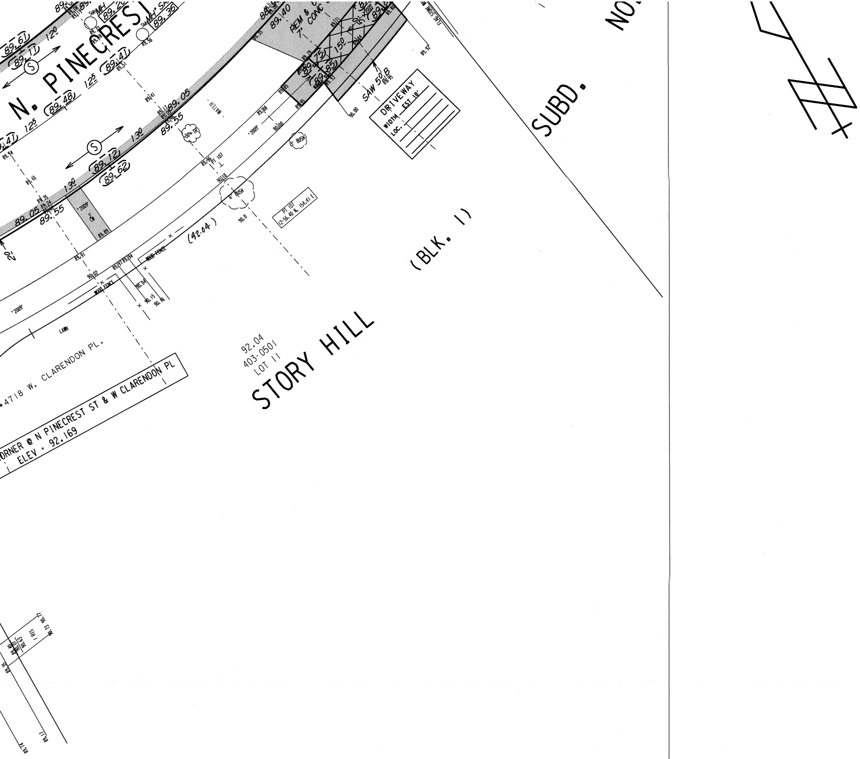

HILL
LOT 5
403-0637
48
LOT 4
403-0636
47
LOT 6
403-0638
49
6+00
6+50
7+00
5+50
PT 6
6+66.80 N, -168.56 E
PT 7
6+68.79 N, -147.96 E
PT 103
5+05.16 N, -122.45 E
PT 6
CHIS "T"
25º
OFF C/L
PT 7
CHIS "T"
25º
OFF C/L
REM & CONST 7" CONC PAV'T
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY
SAW 5º B
RESET CB
ABAND CB
CBW
MH 90.21
MH 90.40
0.08' CROWN
0.08' CROWN
30º
13º
13º
CORE #2
1.5" ASPH
0.9' ASPH RUBBLE
6.5" CONCRETE
12" SILT & SAND
DRIVEWAY
WIDTH EST. 9'
LOC.
DRIVEWAY
WIDTH EST. 8'
LOC.
DRIVEWAY
WIDTH EST. 9'
LOC.
LAWN
2009
STORY
LOT 24
(55)
403-0624
82.5
55
403-0623
LOT 23
55
403-0622
LOT 22
*257
*265
*303
*309
*315
*250
*246
*260
*306


℄ RAD= 608.76
L=86.77
I= 8°10'01"
TAN= 43.46
PCC= 8+72.51
PT= 9+59.27
*4805 W. SUNNYSIDE
9+00
PT 9
8·54.36 N. ·60.22 E
DRIVEWAY
WIDTH EST. 17'
LOC.
OBST.
OBST.
OBST.
OBST.
OBST.
OBST.
PLANTER
LAWN
BRICKS
STONES
SPRINKLER
FLAG STONE
PT 8
CHIS 'T' "2009"
25º
OFF C/L
PT 9
CHIS 'T'
25º
OFF C/L
52.74
REM & CONST
7" CONC DWY
REM & CONST
7" CONC DWY
REM & CONST
7" CONC DWY
REM & CONST
7" CONC DWY
REM & CONST
7" CONC DWY
RESET CB
RESET CB
RESET CB
RESET CB
MH
90.28
MH SAN
90.38
MH
90.47
MH SAN
90.60
SMH
PCC
+72.51
37' OF 8"
44' OF 8"
22' OF 8"
6' OF 8"
ROADLIFE:
1956 1" VTAC ON
1929 7" VIBRO
WATER
21' RFCC&G. COV.
22' VFCC&G. COV.
30'
REMOVE
TO JT
SAW 5º B
44.69
10.31
90.57
90.07
90.35
90.42
89.92
90.73
90.79
90.72
90.43
90.93
90.44
90.00
90.07
90.57
90.64
90.14
90.70
90.20
90.85
90.35
90.98
90.48
90.45
90.59
90.42
89.97
90.47
90.10
90.60
90.23
90.73
90.36
90.86
90.55
90.05
90.58
90.10
90.60
90.75
90.85
90.95
91.05
91.20
91.10
91.15
91.05
90.94
91.04
91.03
91.13
90.50
13º
12º
11º
7º
6º
5º
4º
15º
12º
DRIVEWAY
WIDTH EST. 11'
LOC.
DRIVEWAY
WIDTH EST. 11'
LOC.
DRIVEWAY
WIDTH EST. 9'
LOC.
PT 104
6198.45 N. ·85.60 E
7+50
8+00
8+50
9+00
(55)
LOT 25
82.5
403-0625
(55)
LOT 26
*316
HILL
*324
55
403-0626
LOT 27
(BLK. 1)
*336
56
403-0627
LOT 28
SUBD.
SOUTH LINE
"2009"
4' CW
3' CW
LAWN
BRICKS
ROCKS
PLANTER


403-0516
403-0515
LOT 5
(59.95)
9+50
10+00
10+50
11+00
REM & CONST 31" VFCC&G
GRIND (SEE NOTE)
CONST 25º R
R.=23
CONST 30º R
*4808 W. SUNNYSIDE DR.
NORTH LINE
REM & CONST 3" ASPH ON VT CR STONE BASE
SAW 5º B
DRIVEWAY WIDTH EST. 10.5' LOC.
PT 10 9+43.28 N, 15.44 E
PT 11 10+30.56 N, 33.37 E
*361
32.18
OBST.
SPRINKLER
LAWN
PED RAMP
TRANS. CURB
GAS
WATER
ABAND CB
REM & CONST 7" CONC PAV'T
REM & CONST 31" REINF VFCC&G
REM & CONST 31" REINF VFCC&G
0.02' CROWN
PT +59.27
MH 90.84
MH SAN 90.80
MH 90.86
0.08' CROWN
CBW
22' VFCC&G. EXP.
ROADLIFE - 1967 VTAC ON 1937 3" ASPH ON STONE
MH 90.47
ABAND CB
30' OF 8"
42' OF 8"
REM & CONST 7" CONC DWY
0.06' CROWN
PT +26.5
REM & CONST 31" REINF VFCC&G
CROWN VARIES
PT +46.0
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY
REM TO JT.
BRICKS
NEW
DRIVEWAY WIDTH EST. 9.5' LOC.
DRIVEWAY WIDTH EST. 9' LOC. COMMON
DRIVEWAY WIDTH EST. 14' LOC. COMMON
*340
*352
*360
24.74
38.16
PT 105 9+10.58 N, 23.36 E
E/S HYD @ N PINECREST ST & W SUNNYSIDE DR ELEV = 90.835
62.90 403-0628 LOT 29
62 403-0629 LOT 30
64 403-0630 LOT 31
'2009'
'2011'

NO. 3


403-0514
50
*367
DRIVEWAY
WIDTH EST. 9'
LOC.
COMMON
(59.95)
DRIVEWAY
WIDTH EST. 14'
LOC.
COMMON
403-0513
49
12+00
*407
11+50
PLANTER
BRICKS
LAWN
17.60
PT 12
11+17.83 N, 82.18 E
(59.91)
DRIVEWAY
WIDTH EST. 10'
LOC.
12+50
*415
C/L CURVE
R= 190.18
L=329.89
I= 49°23' 12"
TAN= 224.20
PC= 12+12.17
PT= 15+42.19
42.31
'2009'
SAW 5º B
PT 13
12+01.12 N, 109.13 E
OFF C/L
WIDTH
LOC.
89.45 C
88.95 G
89.55
89.05
89.50
89.00
RESET CB
1.0' CROWN
1.0' CROWN
26º
17º
28º
60
38
ROADLIFE: 1967 VTAC ON 1937 3" ASPH ON STONE
89.31
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY
REM & CONST 7" CONC PAV'T
90.78
90.68
90.74
90.64
90.68
90.58
90.40
90.30
90.30
90.20
90.20
90.10
90.10
90.00
6º
15º
15º
8.5
15º
5.5
5.5
8º
89.65
89.15
89.80
89.30
ABAND CB
CLP
90.55
90.05
90.40
89.90
90.25
89.75
90.10
89.60
89.95
89.45
20'
1.0'
0.06' CROWN
1.0'
0.06' CROWN
20'
60
90.31
90.16
90.01
89.86
PC 12+12.17
89.71
MH 89.71
MH SAN 89.70
89.76
89.60
REM & CONST 31" REINF VFCC&G
REM & CONST 31" REINF VFCC&G
CBW
88.90
89.40
0.02' CROWN
36º
89.45
89.55
1.0
1.0
89.95
20º
130±
15º
89.85
89.70
89.55
89.40
89.32
CBW
89.82
90.35
90.20
90.05
89.90
89.25
89.75
ABAND CB
89.10
89.43
89.42
89.45
88.95
89.10
89.42
PED RAMP
REM & CONST 7" CONC DWY
2009
90.48
90.58
90.48
90.58
15º
4º
SAW 6º B
'2009'
LAWN
DRIVEWAY
WIDTH EST. 11'
LOC.
*400
PT 106
10+83.59 N, 123.60 E
CONST R. =51
30º R
20º
ASPH.
W. CLARENDON PL.
60
ROADLIFE: 1986 7" CONC PAV'T
31" VFCC&G EXP.
22" VFCC&G EXP.
WOOD FENCE
CONST 30º R
HYD NE C
(42.46)
66
403-0631
LOT 32
*412
403-0632
LOT 33


N. PINECREST
SUBD. NO.
STORY HILL
(BLK. 1)
92.04
403-0501
LOT 11
#4718 W. CLARENDON PL.
ORNER @ N PINECREST ST & W CLARENDON PL
ELEV = 92.169
DRIVEWAY
WIDTH EST 18'
LOC.
SAW 50 B
REM &
7" CONC
(92.04)
WOOD FENCE
LAWN
WATER
6" BUSH
PT 107
"2009"
89.61
89.11
89.41
89.48
89.05
89.55
89.12
89.62
89.40
89.36
89.75
89.85
120
125
130
150
S
MH

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

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

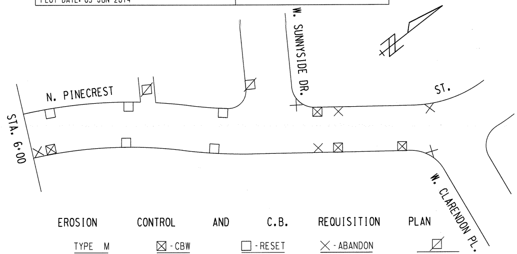
FILE NO. 405

PLAN OF: N. PINECREST ST. (300N, 4900W)
N. STORY PKWY. TO N. 49TH ST.
THIS SECTION: STA. 6+00 TO W. CLARENDON PL.

DRAWN BY	S. SALAPAT	DATE: 02-24-14	PROJECT NO. ST211140126	SHEET 2 OF 3
DESCRIPTIONS BY	S. SALAPAT	DATE: 02-24-14		
LEVELS BY	S. AMER	DATE: 7-2013	SCALE | 1/4 SEC. | ALD.DIST.	
LEVELS TRANSF. BY		DATE:	1"=10' | 403 | 10	
DESIGNED BY	M. MANHARDT	DATE: 05-05-14	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	G. LANGE	DATE: 05-29-14	REVISED:	
CHECKED BY	D. Ulatowski	DATE: 6/10/14	REVISED:	
APPROVED BY	Robert D.	DATE: 6/11/14	REVISED:	
FILE: V:\PWELIB\PAVING\23571.FIN				
PLOT DATE: 05-JUN-2014				

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 4	RESET- 5	ABANDON- 6
PROJECT IN SEPARATED AREA		

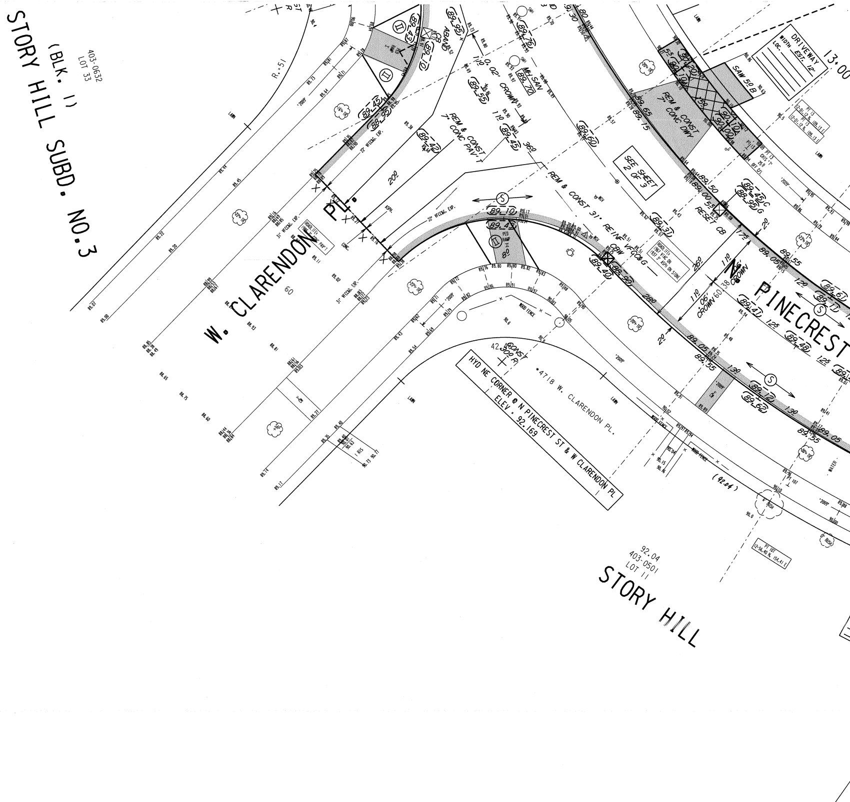

N. PINECREST
STA. 6+00
W. SUNNYSIDE DR.
ST.
W. CLARENDON PL.

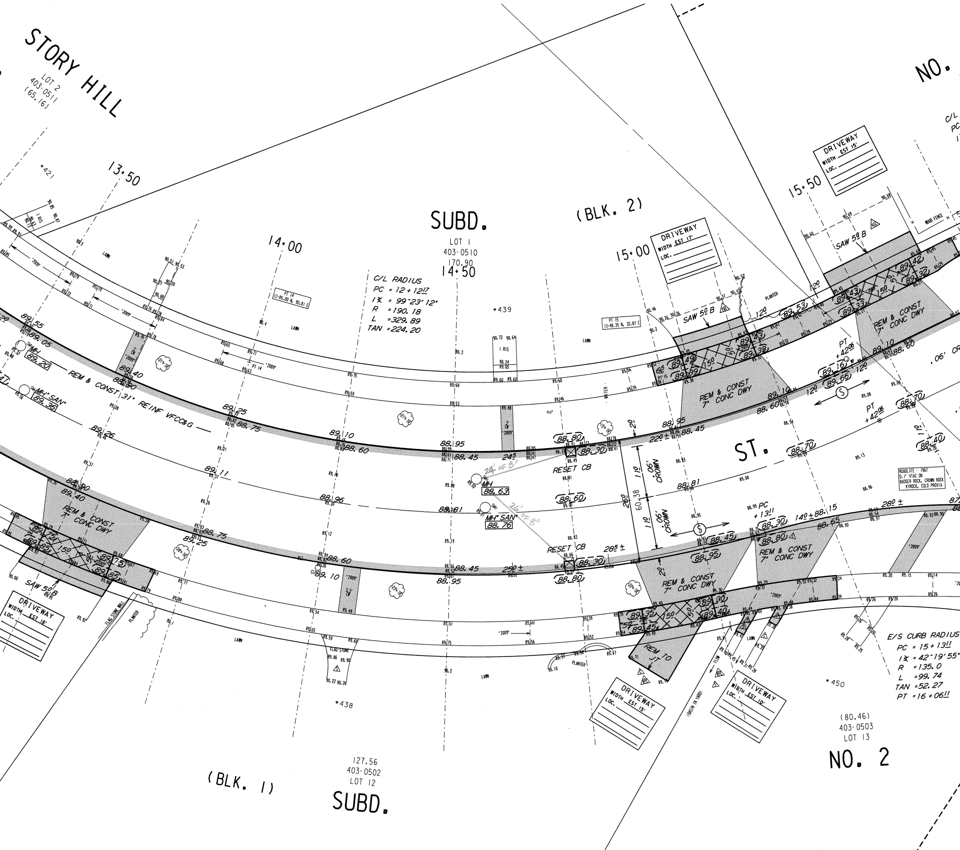
EROSION CONTROL AND C.B. REQUISITION PLAN

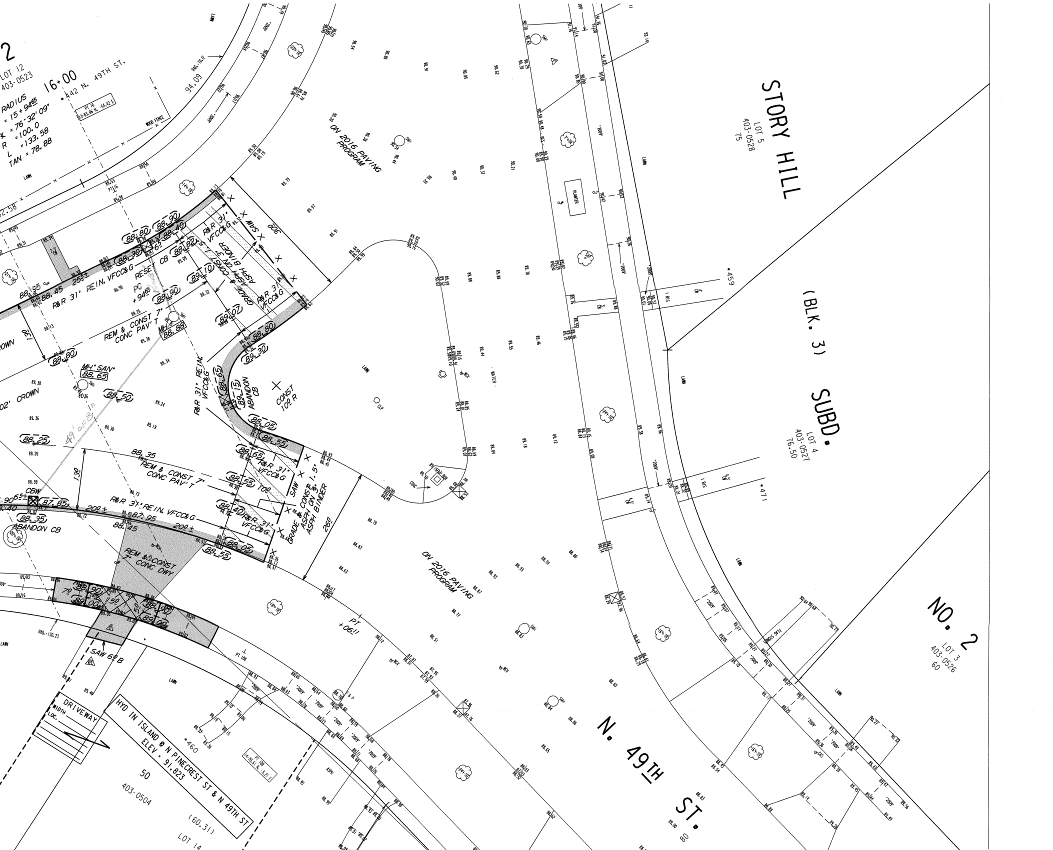
	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	☒ NO WORK
THIS SHEET	11	4	5	6	

TO \ DATE	6/13/14	8/14/14			
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					

STA. 6+00 TO W. CLARENDON PL. ST211140126 18" X 140" 23571 # (2 OF 3)
N. PINECREST ST. - N. STORY PKWY. TO N. 49TH ST.

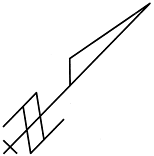

STORY HILL SUBD. NO.3
(BLK. 1)
403-0632
LOT 33
R.=51
W. CLARENDON PL.
60
N. PINECREST
SEE SHEET 2 OF 3
REM & CONST 7" CONC PAV'T
REM & CONST 31" REINF VFCC&G
REM & CONST 7" CONC DWY
RESET CB
ABAND CB
MH SAN 89.70
SAW 50 B
DRIVEWAY
WIDTH EST. 12'
LOC.
13.00
0.02' CROWN
0.06' CROWN
PED RAMP II
HYD NE CORNER @ N PINECREST ST & W CLARENDON PL
ELEV. 92.169
4718 W. CLARENDON PL.
42" CONST 30' R
WOOD FENCE
LAWN
(92.04)
92.04
403-0501
LOT 11
STORY HILL


STORY HILL
LOT 2
403-0511
(65.16)
SUBD.
LOT 1
403-0510
170.90
(BLK. 2)
NO.
13+50
14+00
14+50
15+00
15+50
C/L RADIUS
PC = 12+12.17
I∡ = 99°23'12"
R = 190.18
L = 329.89
TAN = 224.20
DRIVEWAY
WIDTH EST 17'
LOC.
DRIVEWAY
WIDTH EST 15'
LOC.
SAW 5.0 B
REM & CONST 31" REINF VFCC&G
REM & CONST 7" CONC DWY
MH 89.20
MH "SAN" 89.36
MH 88.63
MH "SAN" 88.76
RESET CB
24' OF 8"
210' OF 8"
ST.
.06' CROWN
11.0
26.0
60.38
PT +42.06
PC +13.11
22.0 ±
24.5
25.0 ±
28.5 ±
28.0 ±
14.0 ± 88.15
REM TO JT
ROADLIFE - 1967
0.1' VTAC ON
BADGER ROCK, CROWN ROCK
KYROCK, COLD PROVIA
E/S CURB RADIUS
PC = 15+13.11
I∡ = 42°19'55"
R = 135.0
L = 99.74
TAN = 52.27
PT = 16+06.11
DRIVEWAY
WIDTH EST 18'
LOC.
DRIVEWAY
WIDTH EST 15'
LOC.
DRIVEWAY
WIDTH EST 10'
LOC.
(80.46)
403-0503
LOT 13
NO. 2
127.56
403-0502
LOT 12
(BLK. 1)
SUBD.
LAWN
PLANTER
FLAG STONE WALL
WOOD FENCE
(BASIN IN YARD)
"2009"
PT 14 12+85.00 N, 90.81 E
PT 15 13+48.35 N, 32.87 E
*421
*439
*438
*450


STORY HILL SUBD. NO. 2
(BLK. 3)
LOT 5
403-0528
75
LOT 4
403-0527
76.50
LOT 3
403-0526
60
N. 49TH ST.
ON 2016 PAVING PROGRAM
ON 2016 PAVING PROGRAM
2
LOT 12
403-0523
16+00
442 N. 49TH ST.
RADIUS
= 15+94.65
Δ = 76°32'09"
R = 100.0
L = 133.58
TAN = 78.88
94.09
PT 16
WOOD FENCE
LAWN
PLANTER
R&R 31" REIN. VFCC&G
R&R 31" VFCC&G
RESET CB
PC +94.65
REM & CONST 7" CONC PAV'T
MH SAN 88.88
MH SAN 88.65
.02' CROWN
ABANDON CB
CONST 10' R
SAW
300
260
GRADE & CONST 1.5" ASPH ON 3" ASPH BINDER
CBW
20' ±
25' ±
13'
REM & CONST 7" CONC DWY
SAW 6' B
PT +06.11
PT 108
WATER
CONC
DRIVEWAY
WIDTH
LOC.
HYD IN ISLAND @ N PINECREST ST & N 49TH ST
ELEV = 91.823
50
403-0504
(60.31)
LOT 14
*459
*471
*460
80

NOTES :

- *(I), (II), (III), 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.*



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

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

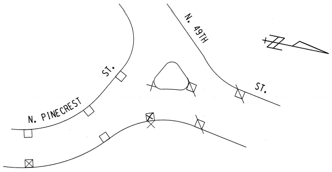
FILE NO. 406

PLAN OF: N. PINECREST ST. (400N, 4900W)
N. STORY PKWY. TO N. 49TH ST.
THIS SECTION: W. CLARENDON PL. TO N. 49TH ST.

DRAWN BY	S. SALAPAT	DATE: 02-24-14	PROJECT NO.		
DESCRIPTIONS BY	S. SALAPAT	DATE: 02-24-14	ST211140126	SHEET 3 OF 3	
LEVELS BY	S. AMER	DATE: 7/2013	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	403	10
DESIGNED BY	M. MANHARDT	DATE: 05-05-14	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	D. BEKELE	DATE: 05-28-14	REVISED:		
CHECKED BY	D. Ulatowski	DATE: 6/10/14	REVISED:		
APPROVED BY		DATE: 6/11/14	REVISED:		
FILE: V:\PWELIB\PAVING\23571.FIN					
PLOT DATE: 05-JUN-2014					

THIS SHEET

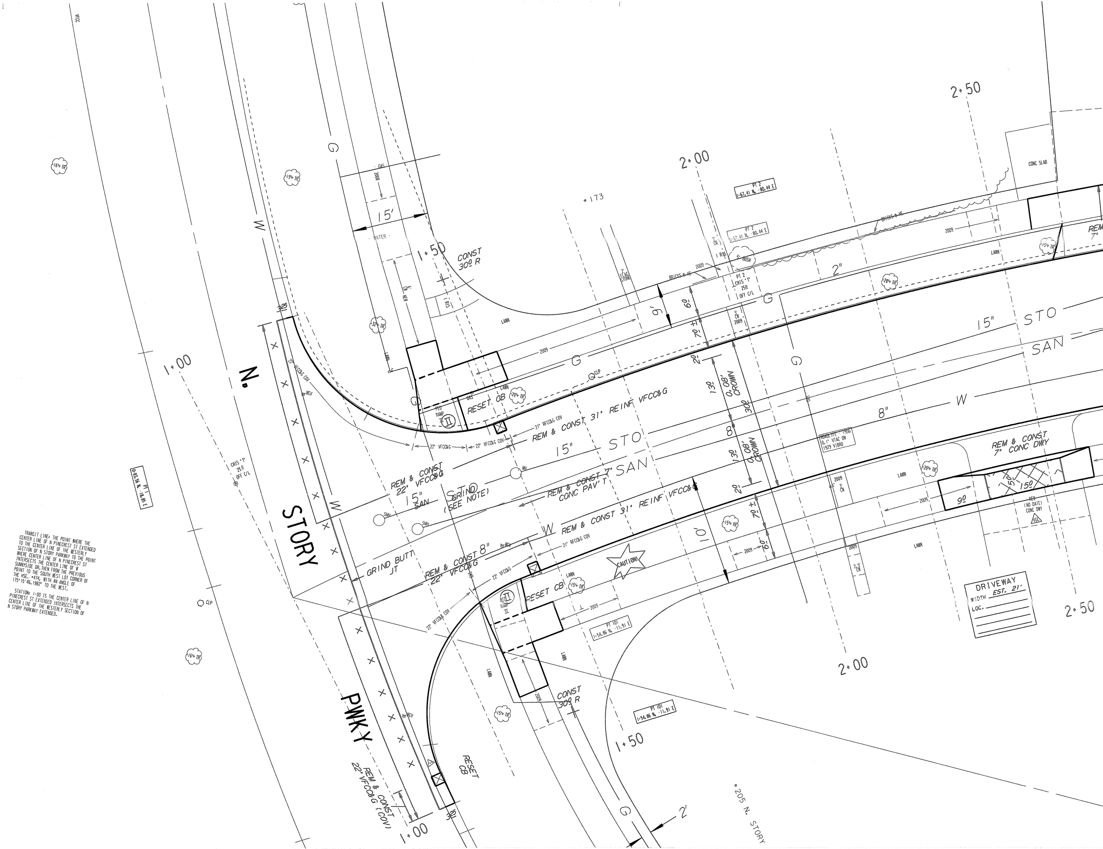
STORM DRAINAGE UNITS		
C.B.W. - 2	RESET - 5	ABANDON - 2
PROJECT IN SEPARATED AREA		


N. PINECREST ST.
N. 49TH ST.

EROSION CONTROL AND C.B. REQUISITION PLAN

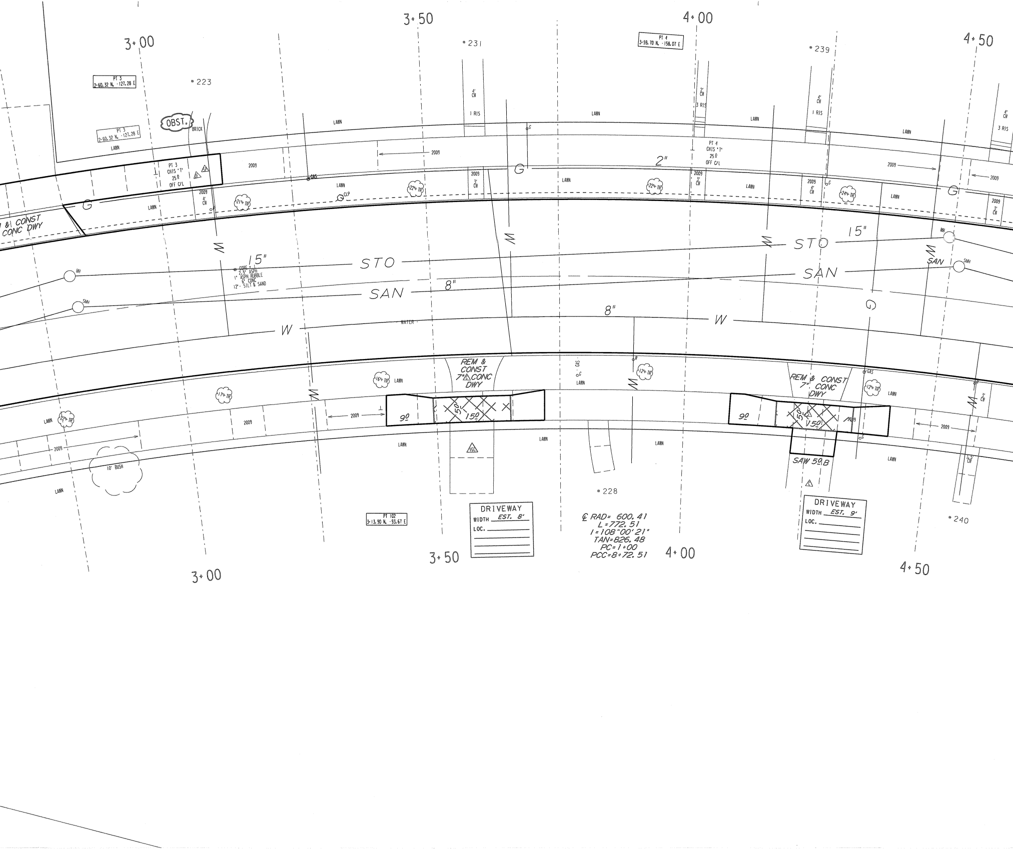
	TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	⊘ NO WORK
THIS SHEET	9	2	5	2	

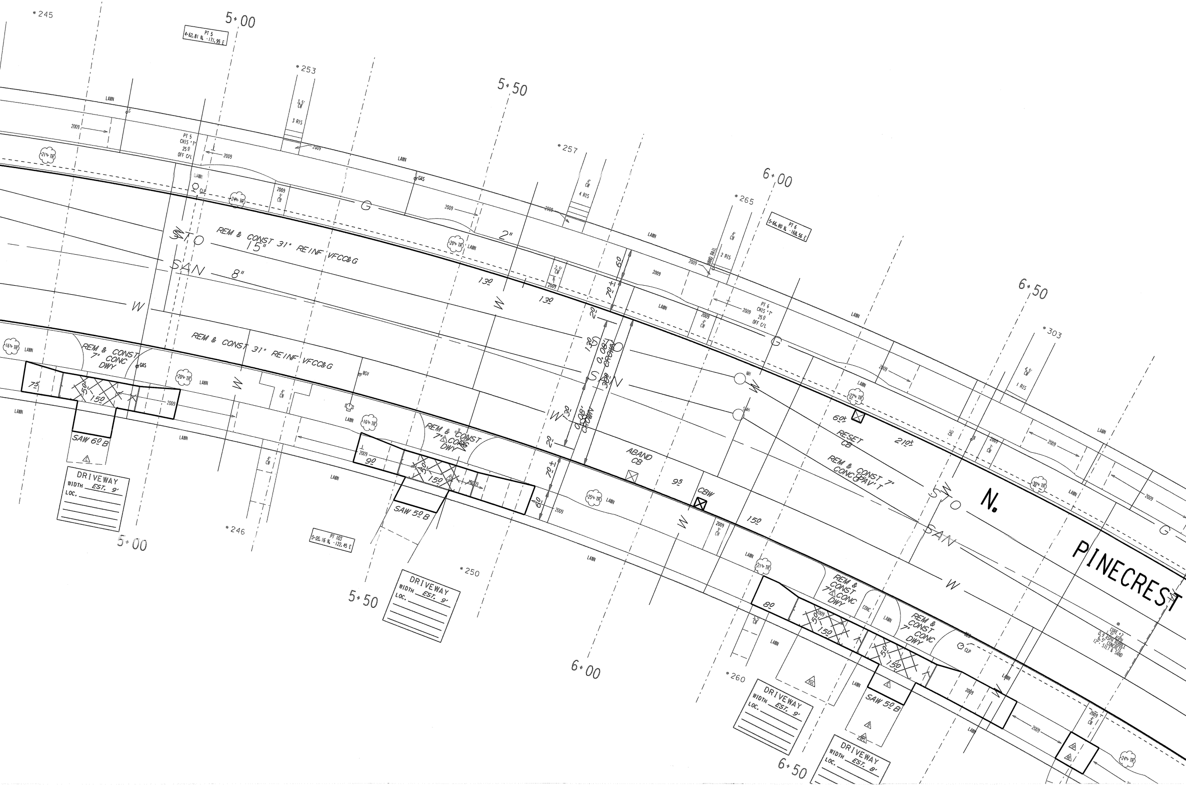
TO \ DATE	6/12/14	8/14/14			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S	1				
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic Eng	1				
RM506		6			
PLAN SIZE					

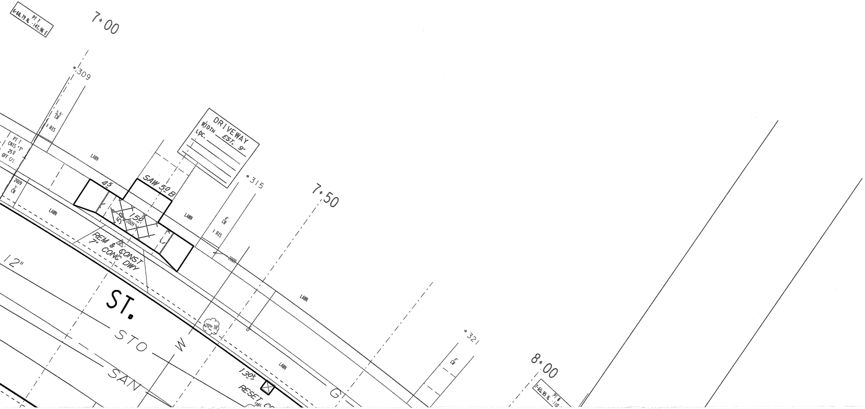

N.
STORY
PWKY
1+00
1+50
2+00
2+50
1+00
1+50
2+00
2+50
CONST
30º R
CONST
30º R
15'
GAS
2009
WATER
LAWN
CHIS 'T'
25º
OFF C/L
PT
0-83.56 N, 18.85 E
PT 2
1+67.41 N, -80.44 E
PT 2
1+67.41 N, -80.44 E
PT 2
CHIS 'T'
25º
OFF C/L
PT 101
1+54.86 N, -11.91 E
PT 101
1+54.86 N, -11.91 E
BRICKS & WE
2009
1 RIS
5' BUSH
2"
28" TR
16" TR
19" TR
32" TR
20" TR
15" TR
16" TR
CLP
*173
*205 N. STORY
CONC SLAB
9'
6º
70' ±
2º
13º
0.08' CROWN
30º
8º
13º
0.08' CROWN
2º
10'
70' ±
6º
3' CW
2009
G
W
15" STO
SAN
8" W
RESET CB
RESET CB
RESET CB
PED RAMP
II
REM & CONST 31" REINF VFCC&G
REM & CONST 31" REINF VFCC&G
21" RFCC&G COV
22" VFCC&G
22" VFCC&G COV
REM & CONST 22" VFCC&G
GRIND (SEE NOTE)
REM & CONST 7" CONC PAV'T
REM & CONST 8"
REM & CONST 22" VFCC&G
GRIND BUTT JT
REM & CONST 22" VFCC&G (COV)
CAUTION!
ROADLIFE · 1956
0.1" VTAC ON
1929 VIBRO
REM & CONST 7" CONC DWY
9º
5º
15º
NEW (NO DATE) CONC DWY
VGC
2.5' CW
REM 7"
DRIVEWAY
WIDTH EST. 21'
LOC.
CAUTION!
HSV
SMH
3'6"
2'6"

TRANSIT LINE: THE POINT WHERE THE CENTER LINE OF N PINECREST ST EXTENDED TO THE CENTER LINE OF THE WESTERLY SECTION OF N STORY PARKWAY TO THE POINT WHERE CENTER LINE OF N PINECREST ST INTERSECTS THE CENTER LINE OF W SUNNYSIDE DR. THEN FROM THE PREVIOUS POINT TO THE SOUTH WEST LOT CORNER OF THE HSE. *474, WITH AN ANGLE OF 175°15'46.1982" TO THE WEST.

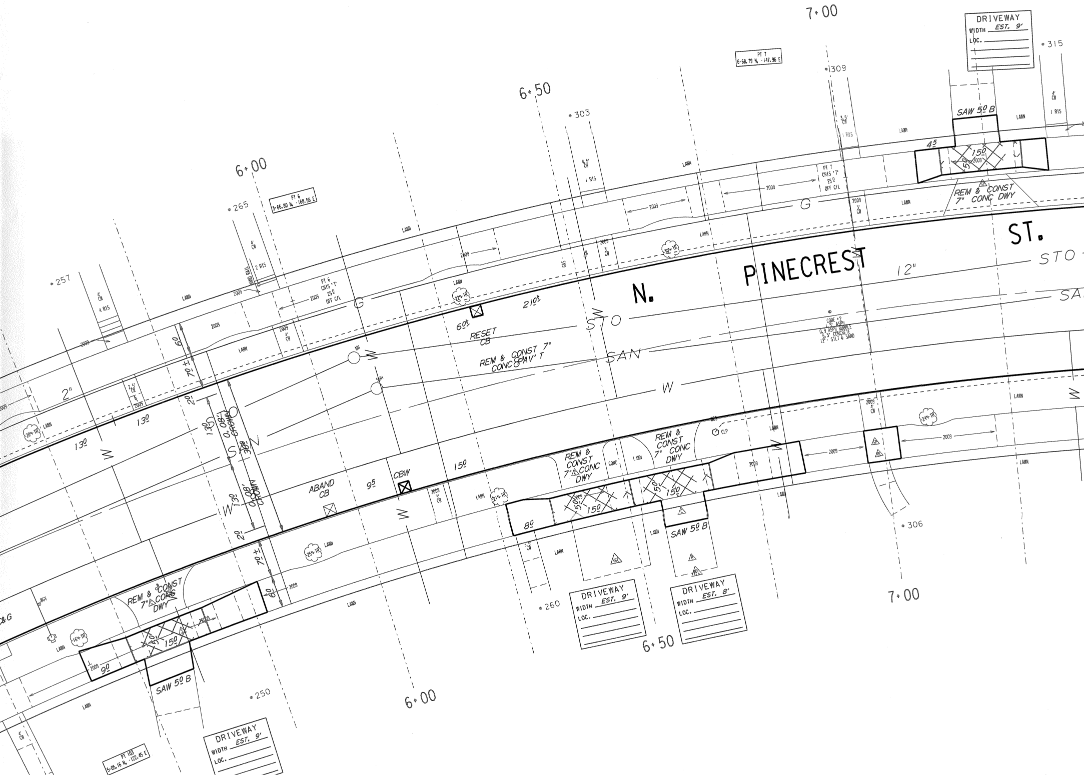
STATION: 1+00 IS THE CENTER LINE OF N PINECREST ST EXTENDED INTERSECTS THE CENTER LINE OF THE WESTERLY SECTION OF N STORY PARKWAY EXTENDED.

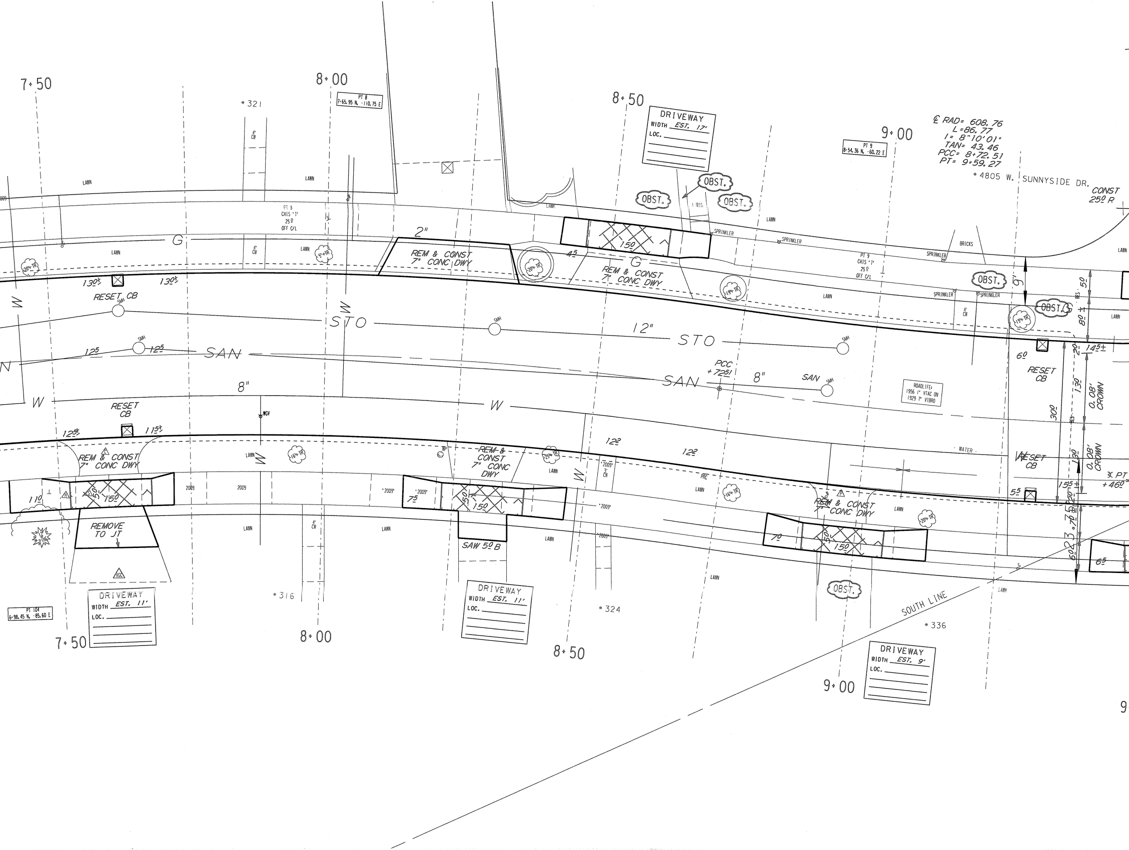

3+00
3+50
4+00
4+50
PT 3
2+60.32 N, -127.28 E
PT 4
3+59.70 N, -158.07 E
* 223
* 231
* 239
* 228
* 240
OBST.
BRICK
LAWN
PT 3
CHIS 'T'
25º
OFF C/L
PT 4
CHIS 'T'
25º
OFF C/L
2009
4' CW
3' CW
1 RIS
3 RIS
2"
G
GAS
CLP
22± TR
21± TR
24± TR
17± TR
16± TR
12± TR
REM & CONST
CONC DWY
15"
STO
SAN
8"
W
WATER
MH
SMH
CORE
2.5" ASPH
1" ASPH RUBBLE
6" CONC
12" SILT & SAND
REM & CONST
7" CONC
DWY
9º
15º
50'
SAW 59 B
10' BUSH
VGC
PT 102
3+13.90 N, -93.67 E
DRIVEWAY
WIDTH EST. 8'
LOC.
DRIVEWAY
WIDTH EST. 9'
LOC.
℄ RAD= 600.41
L=772.51
I=108°00'21"
TAN=826.48
PC=1+00
PCC=8+72.51


*245
5+00
PT 5
4+62.81 N. -171.95 E
*253
5+50
*257
6+00
*265
PT 6
5+66.80 N. -168.56 E
6+50
*303
LAWN
2009
3 RIS
PT 5
CHIS "T"
25º
OFF C/L
GAS
G
2"
4 RIS
2 RIS
HAND RAIL
STO
15"
REM & CONST 31" REINF VFCC&G
SAN
8"
W
13º
PT 6
CHIS "T"
25º
OFF C/L
70±
60
20
13º
0.08'
CROWN
30
REM & CONST 31" REINF VFCC&G
REM & CONST 7" CONC DWY
75
5º
15º
SAW 6º B
DRIVEWAY
WIDTH EST. 9'
LOC.
MH
SMH
60±
RESET CB
21º±
REM & CONST 7" CONC PAV'T
ABAND CB
9º
95
CBW
15º
REM & CONST 7" CONC DWY
SAW 5º B
DRIVEWAY
WIDTH EST. 9'
LOC.
8º
REM & CONST 7" CONC DWY
SAW 5º B
DRIVEWAY
WIDTH EST. 9'
LOC.
DRIVEWAY
WIDTH EST. 8'
LOC.
N. PINECREST
CORE #2
0.9' ASPH
6.5" CONCRETE
12" SILT & SAND
*246
PT 103
5+05.16 N. -122.45 E
*250
5+00
5+50
6+00
*260
6+50
CLP
1 RIS
21" TR
24" TR
20" TR
16" TR
25" TR
22" TR
30" TR
24" TR
BCV


PT T 6+68.79 N. -147.95 E
7+00
+309
3.5' CW
1 RIS
PT T CN15 "T" 25.0 OFF C/L
2009 CW
LAWN
DRIVEWAY WIDTH EST. 9' LOC.
45
SAW 50 B
150
2009
REM & CONST 7" CONC DWY
LAWN
+315
7+50
4' CW
1 RIS
2009
12"
ST.
STO
W
SAN
20± TR
LAWN
LAWN
130±
RESET
SMH
G
+321
4' CW
8+00
PT B 7+65.95 N. -110

DATE / TO	4/21/9	4/14/8			
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				
Traffic Eng	1				
AM 506		6			
PLAN SIZE					


N. PINECREST ST.
6+00
6+50
7+00
PT 6 5+66.80 N, -168.56 E
PT 7 6+68.79 N, -147.96 E
PT 103 5+05.16 N, -122.45 E
PT 6 CHIS "T" 25.0 OFF C/L
PT 7 CHIS "T" 25.0 OFF C/L
*257
*265
*303
*309
*315
*250
*260
*306
DRIVEWAY WIDTH EST. 9' LOC.
DRIVEWAY WIDTH EST. 9' LOC.
DRIVEWAY WIDTH EST. 8' LOC.
DRIVEWAY WIDTH EST. 9' LOC.
SAW 5.0 B
SAW 5.0 B
SAW 5.0 B
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY
REM & CONST 7" CONC 8" PAV'T
RESET CB
ABAND CB
CBW
0.08' CROWN
0.08' CROWN
CORE #2 5" ASPH 0.9 ASPH RUBBLE 6.5" CONCRETE 12" SILT & SAND
STO
SAN
W
G
12"
2"
70±
60
13.0
15.0
9.5
8.0
9.0
4.5
5.0
2.0
210±
60±
LAWN
2009
4' CW
4.5' CW
3.5' CW
3' CW
2.5' CW
4 RIS
2 RIS
1 RIS
HAND RAIL
MH
SAN
GAS
CONC
CLP
20" TR
22" TR
30" TR
16" TR
25" TR
21" TR
24" TR

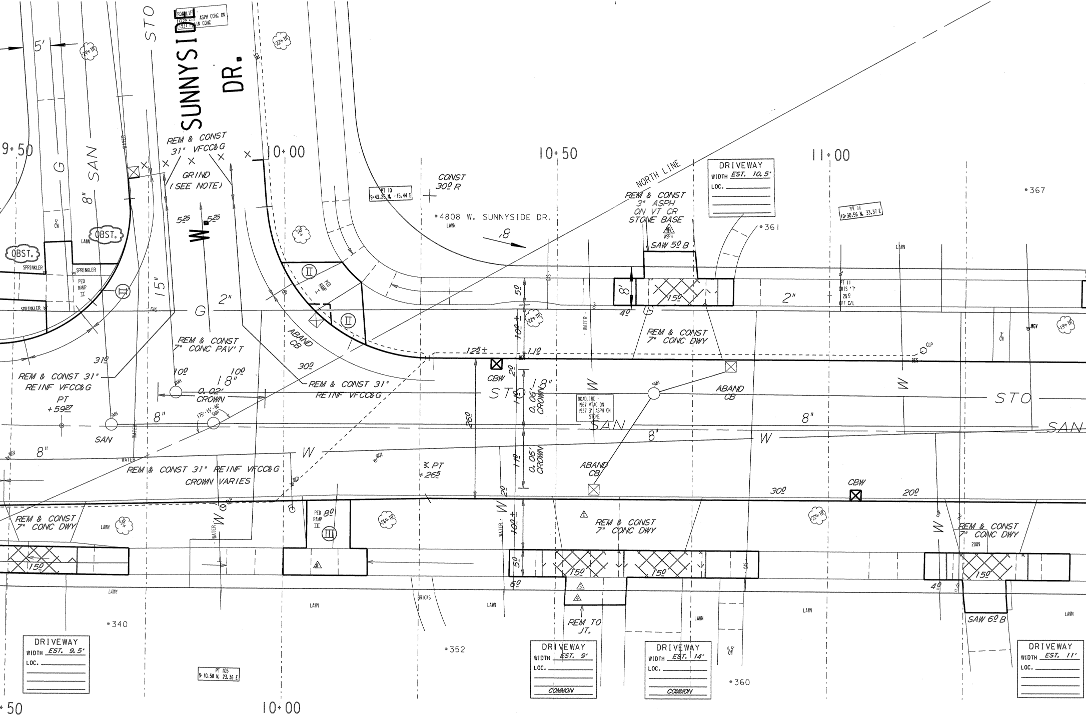

7+50
8+00
8+50
9+00
PT 8
7+65.95 N, -110.75 E
*321
PT 9
8+54.36 N, -60.22 E
℄ RAD= 608.76
L=86.77
I= 8°10'01"
TAN= 43.46
PCC= 8+72.51
PT= 9+59.27
*4805 W. SUNNYSIDE DR.
CONST
25º R
OBST.
OBST.
OBST.
OBST.
OBST.
OBST.
LAWN
PT 8
CHIS 'T'
25º
OFF C/L
PT 9
CHIS 'T'
25º
OFF C/L
G
2"
REM & CONST
7" CONC DWY
REM & CONST
7" CONC DWY
15º
4º
SPRINKLER
BRICKS
20"+ TR
5"+ TR
19"+ TR
18"+ TR
130±
130±
RESET CB
SMH
W
STO
12"
STO
SAN
SAN
12º
12º
PCC
+72.51
8"
8"
W
W
ROADLIFE:
1956 1" VTAC ON
1929 7" VIBRO
RESET CB
6º
9'
5º
8º
2º
13º
145±
0.08'
CROWN
30º
RESET CB
WATER
RESET
CB
125±
115±
REM & CONST
7" CONC DWY
11º
15º
5º
REMOVE
TO JT
2009
2009
"2009"
7º
5º
15º
REM & CONST
7" CONC DWY
SAW 5º B
16"+ TR
15"+ TR
20"+ TR
7º
15º
REM & CONST
7" CONC DWY
155±
5º
6º
PT
+46º
PT 104
6+98.45 N, -85.60 E
*316
*324
*336
SOUTH LINE
9

DRIVEWAY
WIDTH EST. 17'
LOC.

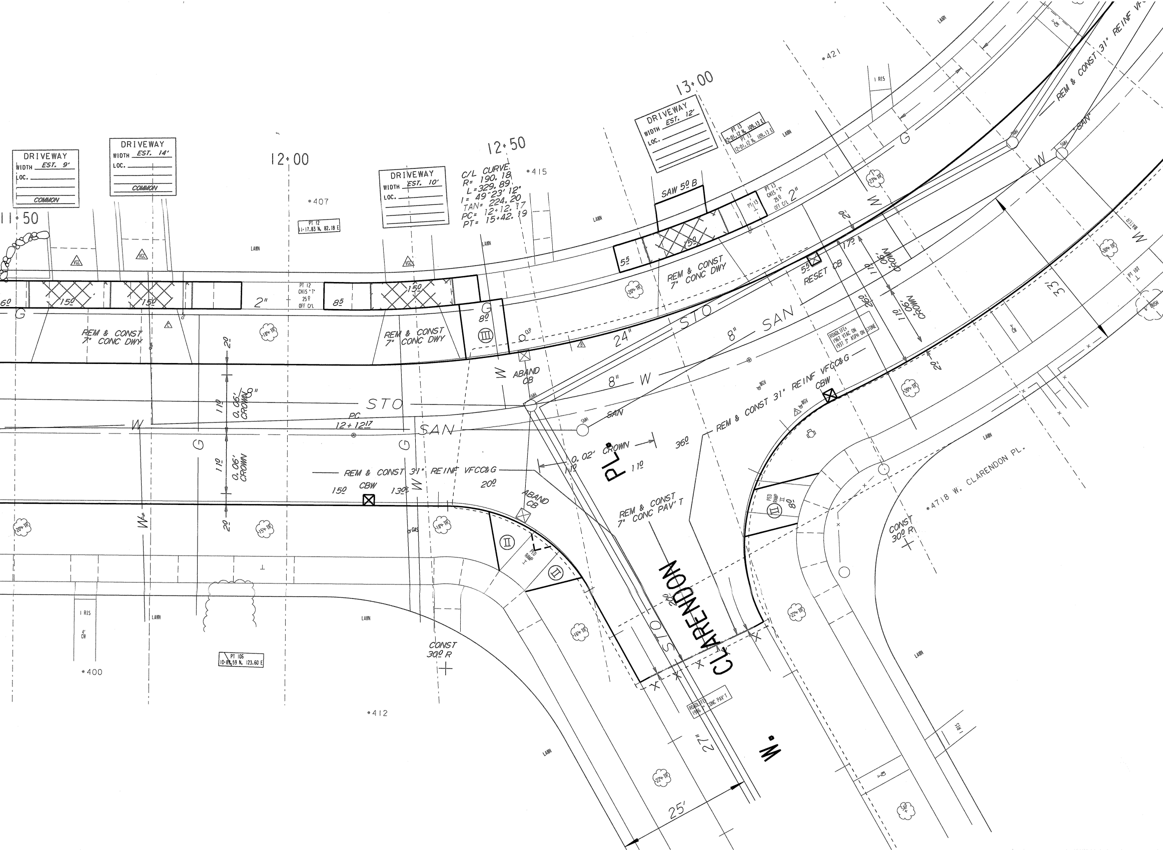
DRIVEWAY
WIDTH EST. 11'
LOC.

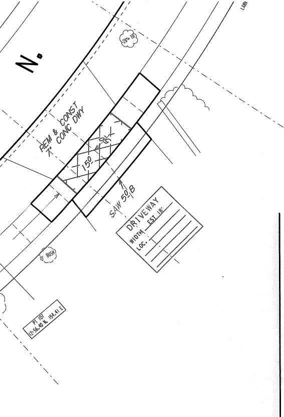
DRIVEWAY
WIDTH EST. 11'
LOC.

DRIVEWAY
WIDTH EST. 9'
LOC.



SUNNYSIDE DR.
W.
STO
ROADLIFE 1996 2.5" ASPH CONC ON 1937 PLAIN CONC
5'
9+50
10+00
10+50
11+00
G
8" SAN
WATER
REM & CONST 31" VFCC&G
GRIND (SEE NOTE)
5.25
5.25
15"
2"
PT 10 9+43.28 N, 15.44 E
CONST 30.0 R
*4808 W. SUNNYSIDE DR.
LAWN
.8
NORTH LINE
REM & CONST 3" ASPH ON VT CR STONE BASE
ASPH
SAW 5.0 B
DRIVEWAY WIDTH EST. 10.5' LOC.
*361
*367
PT 11 10+30.56 N, 33.37 E
OBST.
SPRINKLER
PED RAMP II
LAWN
8'
15.0
4.0
2"
PT 11 CHIS "T" 25.0 OFF C/L
REM & CONST 7" CONC DWY
ABAND CB
REM & CONST 7" CONC PAV'T
31.0
REM & CONST 31" REINF VFCC&G
PT +59.27
10.0
18"
10.0
0.02' CROWN
30.0
REM & CONST 31" REINF VFCC&G
12.5±
11.0
CBW
5.0
10.0±
2.0
0.06' CROWN
18"
26.0
ROADLIFE 1967 VTAC ON 1937 3" ASPH ON STONE
SAN
8"
W
ABAND CB
STO
SAN
8"
SAN
175°-15'-46"
SAN
8"
W
REM & CONST 31" REINF VFCC&G CROWN VARIES
PT +26.5
11.0
0.06' CROWN
ABAND CB
30.0
CBW
20.0
REM & CONST 7" CONC DWY
PED RAMP III
8.0
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY
2009
15.0
15.0
15.0
15.0
6.0
4.0
SAW 6.0 B
REM TO JT.
BRICKS
LAWN
*340
*352
*360
DRIVEWAY WIDTH EST. 9.5' LOC.
PT 105 9+10.58 N, 23.36 E
DRIVEWAY WIDTH EST. 9' LOC. COMMON
DRIVEWAY WIDTH EST. 14' LOC. COMMON
DRIVEWAY WIDTH EST. 11' LOC.
4.5' CW
+50
10+00

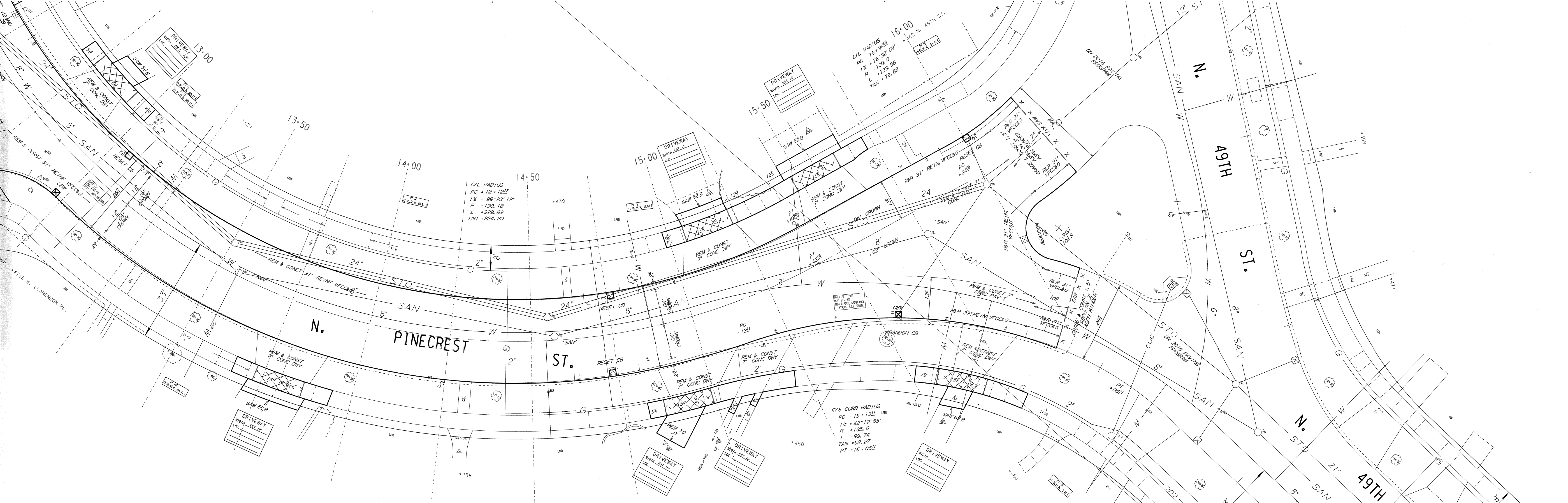

11+50
12+00
12+50
13+00
DRIVEWAY
WIDTH EST. 9'
LOC.
COMMON
DRIVEWAY
WIDTH EST. 14'
LOC.
COMMON
DRIVEWAY
WIDTH EST. 10'
LOC.
DRIVEWAY
WIDTH EST. 12'
LOC.
C/L CURVE
R= 190.18
L =329.89
I= 49°23' 12"
TAN= 224.20
PC= 12+12.17
PT= 15+42.19
*415
*407
*421
*400
*412
PT 12
11+17.83 N, 82.18 E
PT 12
CHIS 'T'
25.0
OFF C/L
PT 13
12+01.12 N, 109.13 E
PT 13
12+01.12 N, 109.13 E
PT 13
CHIS 'T'
25.0
OFF C/L
PT 13
SAW 5.0 B
REM & CONST
7" CONC DWY
REM & CONST
7" CONC DWY
REM & CONST
7" CONC DWY
15.0
15.0
15.0
8.5
8.0
5.5
5.5
5.0
6.0
2"
2"
G
W
STO
SAN
24" STO
8" SAN
8" W
PC
12+12.17
2.0
11.0
0.06'
CROWN
ABAND
CB
RESET CB
17.0
26.0
11.0
.06'
CROWN
33'
ROADLIFE:
1967 VTAC ON
1937 3" ASPH ON STONE
REM & CONST 31" REINF VFCC&G
CBW
REM & CONST 31" REINF VFCC&G
CBW
15.0
130.0
20.0
36.0
0.02' CROWN
PL.
11.0
REM & CONST
7" CONC PAV'T
W. CLARENDON
PED RAMP II
CONST
30.0 R
CONST
30.0 R
*4718 W. CLARENDON PL.
PT 106
10+83.59 N, 123.60 E
PT 107
ROADLIFE:
1946 CONC PAV'T
27"
25'
1 RIS
4' CW
LAWN
GAS
MH
CLP
WATER
BUSH
20" TR
18" TR
15" TR
16" TR
22" TR
23" TR
30" TR
20" TR
22" TR


N.
REM & CONST
7" CONC DWY
150
50
SAW 50 B
DRIVEWAY
WIDTH EST 18'
LOC.
28"+ TR
3' BUSH
PT 107
12+56.40 N, 154.41 E
LAWN

DATE / TO	6/12/14	8/14/14			
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				
Traffic Eng RM506	1	6			
PLAN SIZE					

N. PINECREST ST. - N. STORY PKWY. TO N. 49TH ST. UTILITY PLAN (2 OF 3)

W. CLARENDON PL. TO N. 49TH ST. ST211140126 17 X 88" 23571 #408


N. PINECREST ST.
N. 49TH ST.
4718 W. CLARENDON PL.
442 N. 49TH ST.
C/L RADIUS
PC = 12+12.11
I∆ = 99°23'12"
R = 190.18
L = 329.89
TAN = 224.20
C/L RADIUS
PC = 15+94.85
I∆ = 76°32'09"
R = 100.0
L = 133.58
TAN = 78.88
E/S CURB RADIUS
PC = 15+13.11
I∆ = 42°19'55"
R = 135.0
L = 99.74
TAN = 52.27
PT = 16+06.11
13+00
13+50
14+00
14+50
15+00
15+50
16+00
DRIVEWAY
WIDTH
LOC.
REM & CONST 7" CONC DWY
REM & CONST 31" REINF VFCC&G
R&R 31" REIN. VFCC&G
REM & CONST 7" CONC PAV'T
RESET CB
ABANDON CB
SAW 50 B
SAW 58 B
SAW 64 B
ON 2015 PAVING PROGRAM
CONST 1.5' ASPH BINDER
CONST 108 R
.02 CROWN
.06' CROWN
SAN
STO
W
G
24"
8"
2"
33'

W. CLARENDON PL. TO N. 49TH ST.
N. PINECREST ST. - N. STORY PKWY. TO N. 49TH ST.
ST211140126
17 X 54
UTILITY PLAN
12351
(3 OF 3)
#40d

TO \ DATE	6/13/14	8/14/14			
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				
Traffic Eng	1				
RM 506		6			
PLAN SIZE					