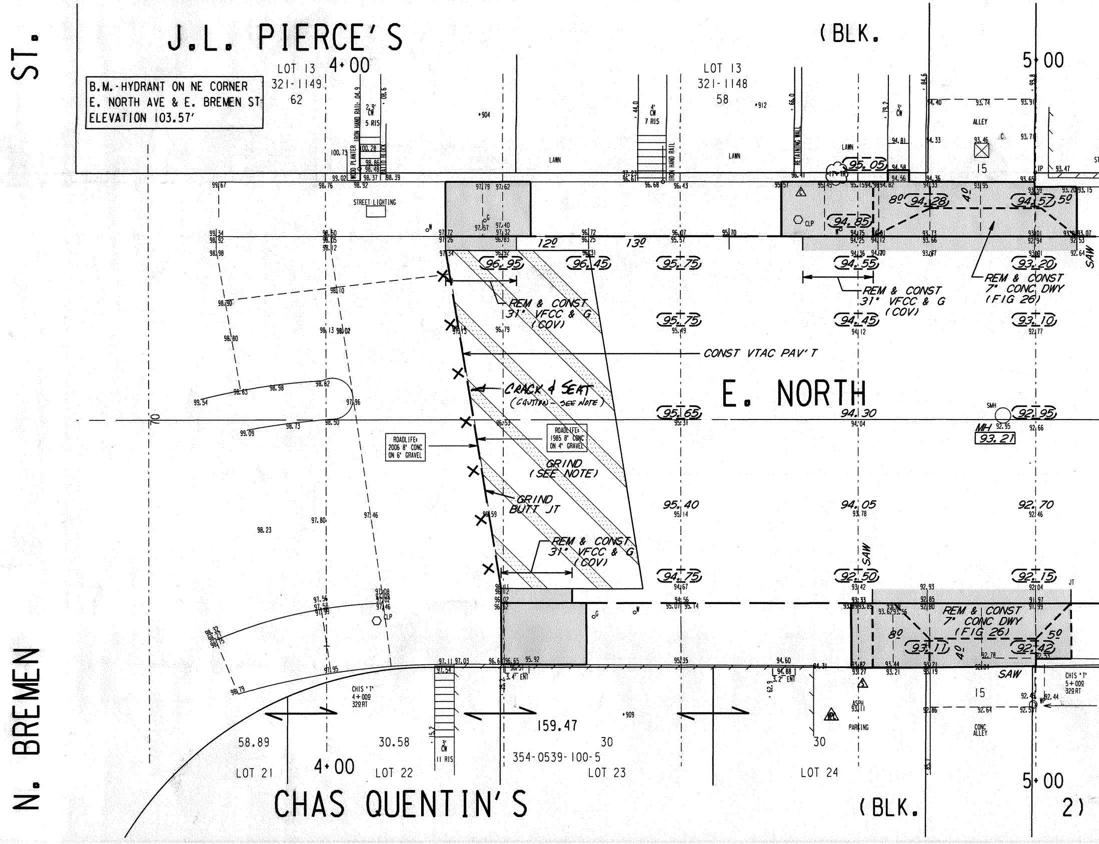
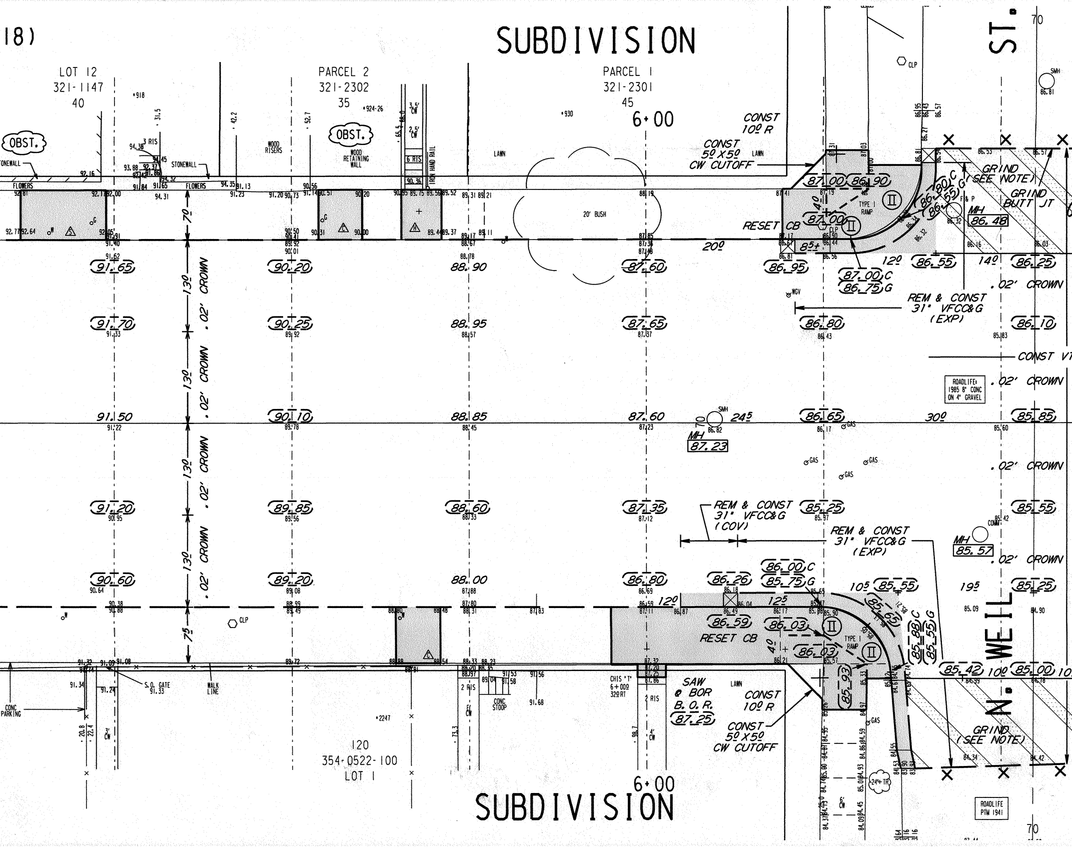
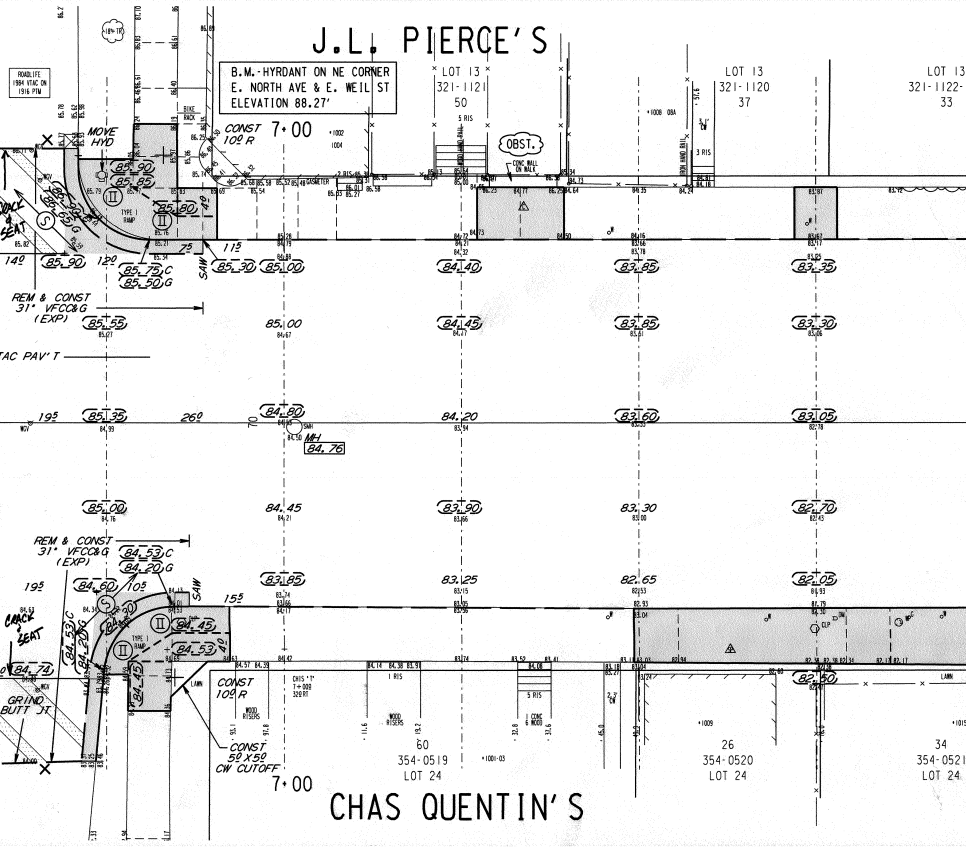
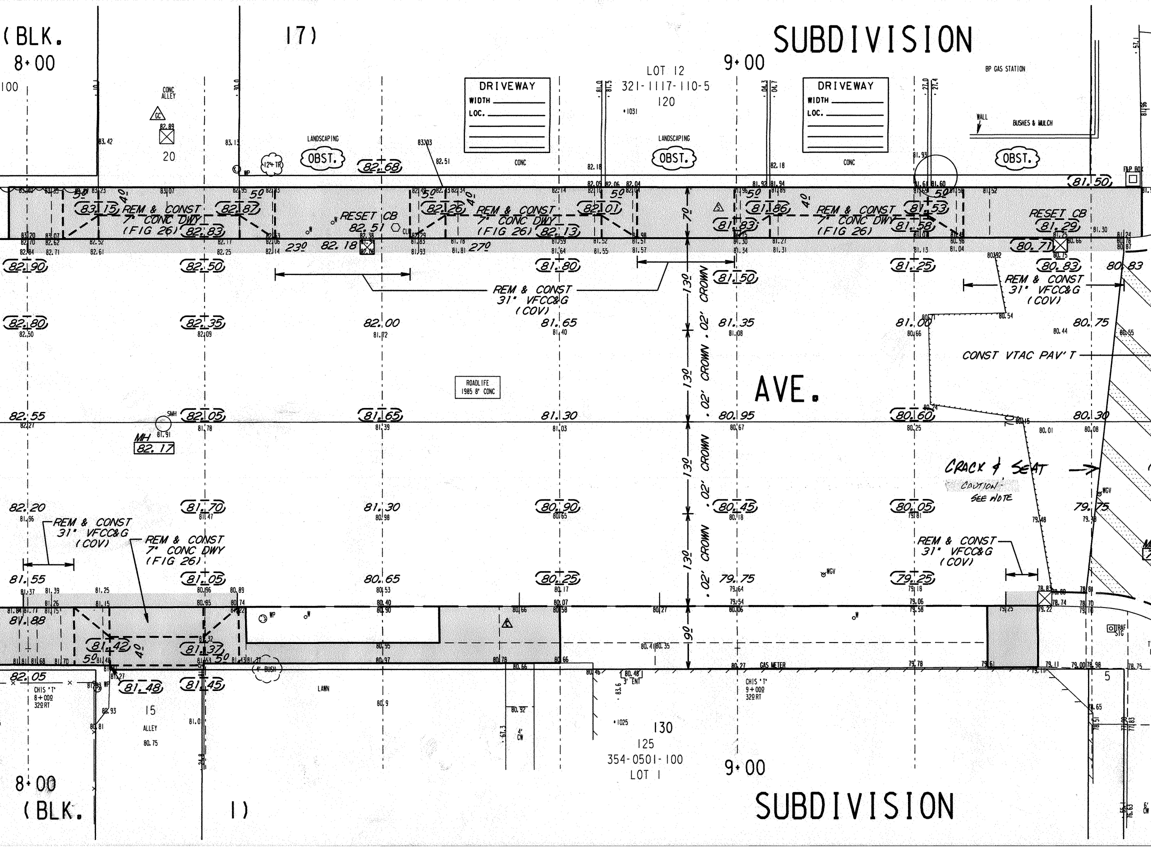

J.L. PIERCE'S
(BLK.
ST.
N. BREMEN
CHAS QUENTIN'S
(BLK. 2)
E. NORTH
B.M.-HYDRANT ON NE CORNER
E. NORTH AVE & E. BREMEN ST
ELEVATION 103.57'
LOT 13
321-1149
62
LOT 13
321-1148
58
4+00
5+00
LOT 21
LOT 22
LOT 23
LOT 24
58.89
30.58
159.47
30
30
354-0539-100-5
15
15
ALLEY
CONC ALLEY
LAWN
LAWN
LAWN
STREET LIGHTING
IRON HAND RAIL
WOOD PLANTER
PATIO BLOCK
RETAINING WALL
5 RIS
7 RIS
11 RIS
3' CW
4' CW
2.9' CW
CLP
SMH
MH
93.21
PARKING
ASPH
CHIS 'T' 4+009 329RT
CHIS 'T' 5+009 329RT
3.4" ENT
3.2" ENT
12⁰
13⁰
8⁰
4⁰
5⁰
SAW
96.95
96.45
95.75
94.55
93.20
95.75
94.45
93.10
95.65
94.30
92.95
95.40
94.05
92.70
94.75
92.50
92.15
95.05
94.85
94.28
94.57
93.11
92.42
REM & CONST 31" VFCC & G (COV)
REM & CONST 31" VFCC & G (COV)
REM & CONST 31" VFCC & G (COV)
REM & CONST 7" CONC DWY (FIG 26)
REM & CONST 7" CONC DWY (FIG 26)
CONST VTAC PAV'T
CRACK & SEAT (CAUTION - SEE NOTE)
GRIND (SEE NOTE)
GRIND BUTT JT
ROADLIFE: 2006 8" CONC ON 6" GRAVEL
ROADLIFE: 1985 8" CONC ON 4" GRAVEL
100.73
100.28
98.86
98.48
98.37
98.39
99.02
98.92
98.76
99.67
97.79
97.62
97.40
97.32
97.57
96.83
97.72
97.26
97.34
96.72
96.25
96.31
96.92
96.07
95.57
95.70
96.68
96.43
96.41
95.57
99.34
98.92
98.98
98.90
98.10
98.80
98.13
98.02
98.50
98.05
98.12
99.54
98.63
98.98
98.62
97.96
99.09
98.73
98.50
96.79
96.53
97.80
97.46
98.23
98.59
97.56
97.53
97.99
97.08
97.46
97.95
98.79
97.11
97.03
97.54
96.65
95.92
95.35
94.60
94.88
94.31
95.14
95.07
94.56
94.67
95.31
95.49
93.42
93.33
93.27
93.44
93.21
93.19
92.93
92.85
92.80
93.62
93.56
92.04
91.97
91.99
92.78
92.64
92.86
92.44
94.12
94.04
93.78
92.66
92.77
92.46
94.36
94.20
94.75
94.25
94.12
93.73
93.66
93.07
93.01
92.94
92.64
93.31
93.47
93.65
93.39
93.20
93.15
93.07
92.53
94.40
93.74
93.91
94.33
93.46
93.78
94.81
94.58
94.56
94.36
94.33
93.95
44.0
66.0
79.2
84.6
99.8
104.9
108.6
62.9
15.2
70
904
909
912


18)
SUBDIVISION
LOT 12
321-1147
40
PARCEL 2
321-2302
35
PARCEL 1
321-2301
45
6+00
N. WEIL ST.
OBST.
OBST.
STONEWALL
FLOWERS
WOOD RISERS
WOOD RETAINING WALL
IRON HAND RAIL
6 RIS
3 RIS
LAWN
20' BUSH
CONST 10.0 R
CONST 5.0 X 5.0 CW CUTOFF
TYPE I RAMP
RESET CB
20.0
12.0
14.0
GRIND (SEE NOTE)
GRIND BUTT JT
MH 86.48
F&P
CLP
SMH
.02' CROWN
13.0
7.0
7.5
REM & CONST 31" VFCC&G (EXP)
REM & CONST 31" VFCC&G (COV)
CONST VT
ROADLIFE: 1985 8" CONC ON 4" GRAVEL
MH 87.23
24.5
30.0
MH 85.57
GAS
COMM
10.5
19.5
12.5
10.0
87.00 C
86.75 G
86.00 C
85.75 G
85.88 C
85.55 G
86.80 C
86.55 G
91.65
91.70
91.50
91.20
90.60
90.20
90.25
90.10
89.85
89.20
88.90
88.95
88.85
88.60
88.00
87.60
87.65
87.35
86.80
86.95
86.80
86.65
85.25
86.26
86.59
86.03
86.03
85.93
85.42
85.00
85.55
86.55
86.25
86.10
85.85
85.55
85.25
87.00
86.90
87.00
85±
SAW @ BOR B.O.R. 87.25
CONST 10.0 R
CONST 5.0 X 5.0 CW CUTOFF
CHIS "T" 6+00.0 32.0 RT
2 RIS
S.O. GATE 91.33
WALK LINE
CONC PARKING
CONC STOOP
LAWN
120
354-0522-100
LOT 1
SUBDIVISION
6+00
24" TR
ROADLIFE PTM 1941
70
70


J.L. PIERCE'S
B.M.-HYDRANT ON NE CORNER
E. NORTH AVE & E. WEIL ST
ELEVATION 88.27'
ROADLIFE
1984 VTAC ON
1916 PTM
LOT 13
321-1121
50
LOT 13
321-1120
37
LOT 13
321-1122-
33
CONST
10º R
7+00
MOVE
HYD
BIKE
RACK
5 RIS
WOOD HAND RAIL
OBST.
CONC WALL
ON WALK
IRON HAND RAIL
3 RIS
GASMETER
2 RIS
TYPE I
RAMP
CRACK
&
SEAT
SAW
85.90
85.85
85.80
86.90
86.65 G
85.90
85.75 C
85.50 G
85.30
85.00
84.40
83.85
83.35
14º
12º
7⁵
11⁵
4º
REM & CONST
31" VFCC&G
(EXP)
85.55
85.00
84.45
83.85
83.30
AC PAV'T
19⁵
26º
85.35
84.80
84.20
83.60
83.05
SMH
MH
84.76
70
85.00
84.45
83.90
83.30
82.70
REM & CONST
31" VFCC&G
(EXP)
84.53 C
84.20 G
84.60
10⁵
19⁵
15⁵
83.85
83.25
82.65
82.05
84.30
84.45
84.53
84.53 C
84.20 G
84.74
84.45
CRACK
&
SEAT
GRIND
BUTT JT
CONST
10º R
CHIS 'T'
7+00º
32º RT
LAWN
WOOD
RISERS
1 RIS
5 RIS
1 CONC
6 WOOD
82.50
LAWN
CONST
5º X 5º
CW CUTOFF
7+00
60
354-0519
LOT 24
26
354-0520
LOT 24
34
354-0521
LOT 24
CHAS QUENTIN'S


(BLK. 17) SUBDIVISION
8+00
9+00
LOT 12
321-1117-110-5
120
BP GAS STATION
DRIVEWAY
WIDTH
LOC.
CONC ALLEY
GC
20
LANDSCAPING
OBST.
12" TR
WALL
BUSHES & MULCH
F&P BOX
CONC
REM & CONST 7" CONC DWY (FIG 26)
RESET CB 82.51
RESET CB 81.29
REM & CONST 31" VFCC&G (COV)
CROWN .02'
AVE.
ROADLIFE 1985 8" CONC
SMH
MH 82.17
CONST VTAC PAV'T
CRACK & SEAT
CAUTION - SEE NOTE
WGV
4" BUSH
GAS METER
LAWN
ALLEY
CHIS 'T' 8+00 32 RT
CHIS 'T' 9+00 32 RT
TRAF SIG
3' ENT
4' CW
6' CW
130
125
354-0501-100
LOT 1
15
5
(BLK. 1) SUBDIVISION
82.90
82.80
82.55
82.20
81.55
81.88
82.05
82.50
82.35
82.05
81.70
81.05
81.45
81.42
81.37
81.48
82.68
82.00
81.65
81.30
80.65
83.15
82.87
82.83
82.26
82.13
82.01
82.18
81.80
81.65
81.30
80.90
80.25
81.50
81.35
80.95
80.45
79.75
81.86
81.83
81.53
81.58
81.25
81.00
80.60
80.05
79.25
81.50
80.71
80.83
80.75
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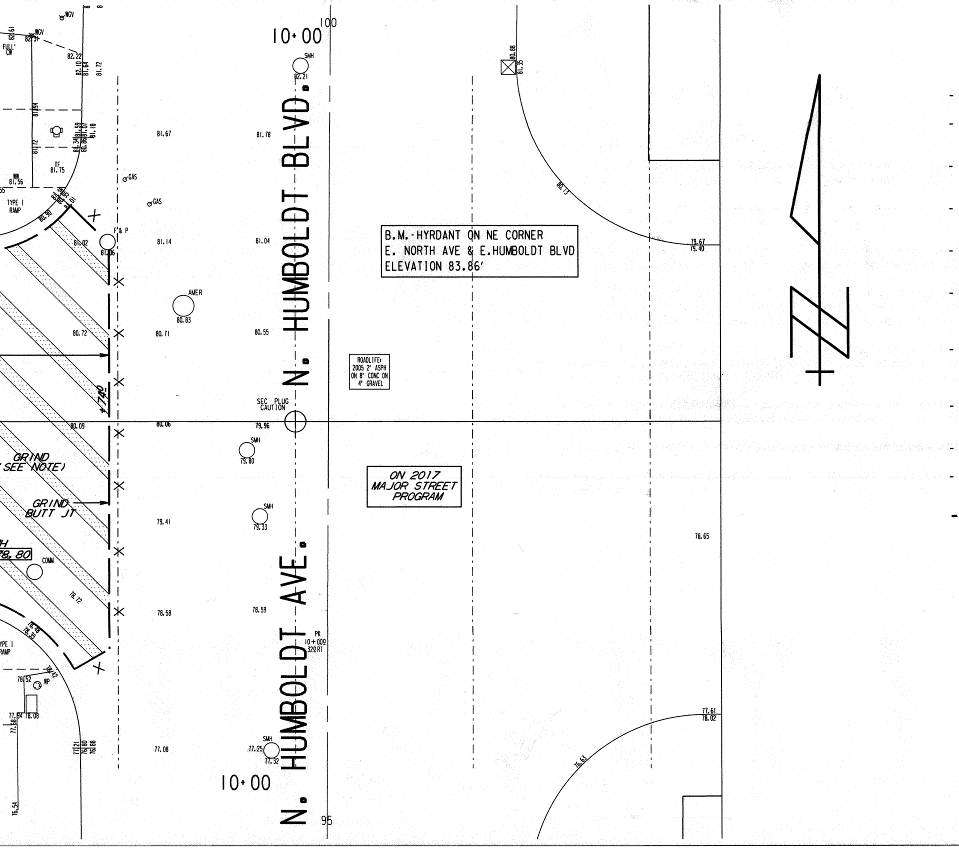
70
130
90
50
40
230
270



B.M.-HYRDANT ON NE CORNER
E. NORTH AVE & E.HUMBOLDT BLVD
ELEVATION 83.86'

ROADLIFE:
2005 2" ASPH
ON 8" CONC ON
4" GRAVEL

ON 2017
MAJOR STREET
PROGRAM

N. HUMBOLDT BLVD.
N. HUMBOLDT AVE.
10+00
10+00
100
95
SMH
82.21
SMH
79.80
SMH
79.33
SMH
77.25
77.32
SEC PLUG
CAUTION
PK
10+00
32 RT
AMER
80.83
F& P
81.06
GAS
GAS
COMM
WCV
WCV
FULL CW
TYPE I
RAMP
TYPE I
RAMP
TF
81.75
WM
81.56
WP
GRIND
(SEE NOTE)
GRIND
BUTT JT
78.80
+740
81.67
81.78
81.14
81.04
80.71
80.55
80.72
81.02
80.09
80.06
79.96
79.41
78.58
78.59
78.72
78.48
78.35
78.42
78.52
77.94
78.08
77.68
77.08
77.21
76.80
76.88
76.54
82.61
82.31
82.22
82.10
81.64
81.72
81.94
81.72
81.59
81.07
81.18
81.34
80.88
81.38
80.95
81.01
80.90
80.88
81.35
80.13
79.67
79.40
78.65
77.61
78.02
76.63

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 AND PLACE 1.5' WIDTH SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE INDICATED.

PROJECT IS DESIGNED TO BE CONSTRUCTED WITH EQUAL PASSES WITH A CROWN AS INDICATED IN EACH PASS, REDUCING THROUGH THE INTERSECTION(S) AS SHOWN.

IN AREAS OF GRINDING, GRIND TO ACHIEVE .17' MINIMUM COVERAGE AT FLANGES AND 0.17' AT BUTT JOINTS AND 0.25' MINIMUM ELSEWHERE.

ANY TREES TO BE REMOVED AS PART OF THE PROJECT, WILL BE NOTED IN SPECIAL PROVISIONS.

PITCH FLANGE .08 UNLESS OTHERWISE SHOWN.

REMOVE ALL ASPHALT PATCHES WITHIN THE LIMITS OF CONSTRUCTION.

CAUTION DURING CRACK & SEAT - 42" WATER MAIN.

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

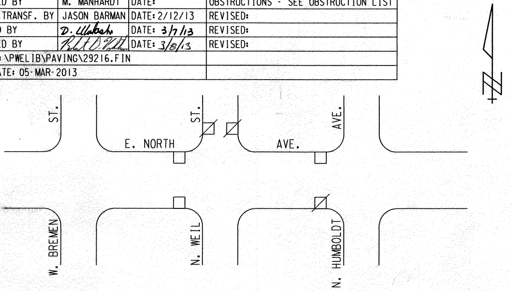
ESTIMATE / CERTIFICATE QUANTITIES

	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.						
	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
X	CRACK & SEAT PAVEMENT	S.Y.						

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN					FILE NO. 59
PLAN OF:	E. NORTH AVE.				(1100E, 2300N)
N. HUMBOLDT AVE. TO W. BREMEN ST.					
THIS SECTION:					
DRAWN BY	JASON BARMAN	DATE: 2/12/13	PROJECT NO.		
DESCRIPTIONS BY	JASON BARMAN	DATE: 2/12/13	ST211130114	SHEET 1 OF 1	
LEVELS BY		DATE:	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	321, 354	3, 6
DESIGNED BY	M. MANHARDT	DATE:	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	JASON BARMAN	DATE: 2/12/13	REVISED:		
CHECKED BY	D. Ulubeh	DATE: 3/7/13	REVISED:		
APPROVED BY	Robert D.	DATE: 3/8/13	REVISED:		
FILE: V:\PWELIB\PAVING\29216.FIN					
PLOT DATE: 05-MAR-2013					

STORM DRAINAGE UNITS		
C.B.W. - 0	RESET - 3	ABANDON - 0
PROJECT IN (COMB) AREA		

TO \ DATE	3/8/13	7/22/13			
ESTIMATING	1·				
HOLLOW WALKS	1·				
PUBLIC HEARING	1·				
CONSTRUCTION	1·	6			
SEWER	1·				
WATER	1·				
STREET LIGHTING	1·				
BLDG. SEWERS	1·				
MEASURING		1			
FIELD		1			
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·	15			
PLAN SIZE					


ST.
E. NORTH
ST.
AVE.
AVE.
W. BREMEN
N. WEIL
N. HUMBOLDT

EROSION CONTROL AND C.B. REQUISITION PLAN

TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	☒
6	0	3	0	NO WORK