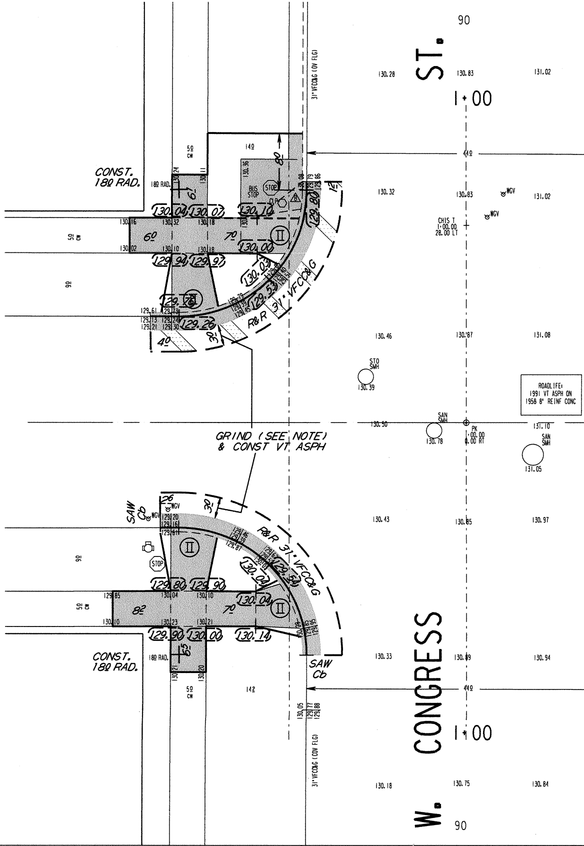
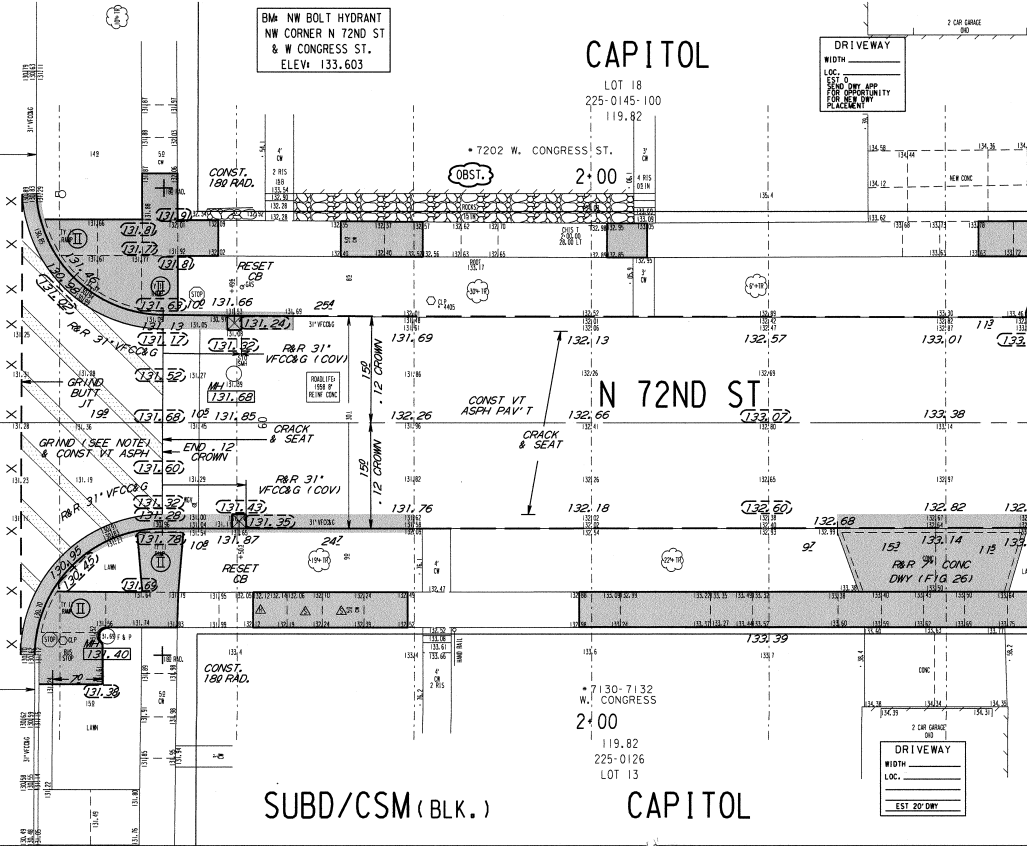
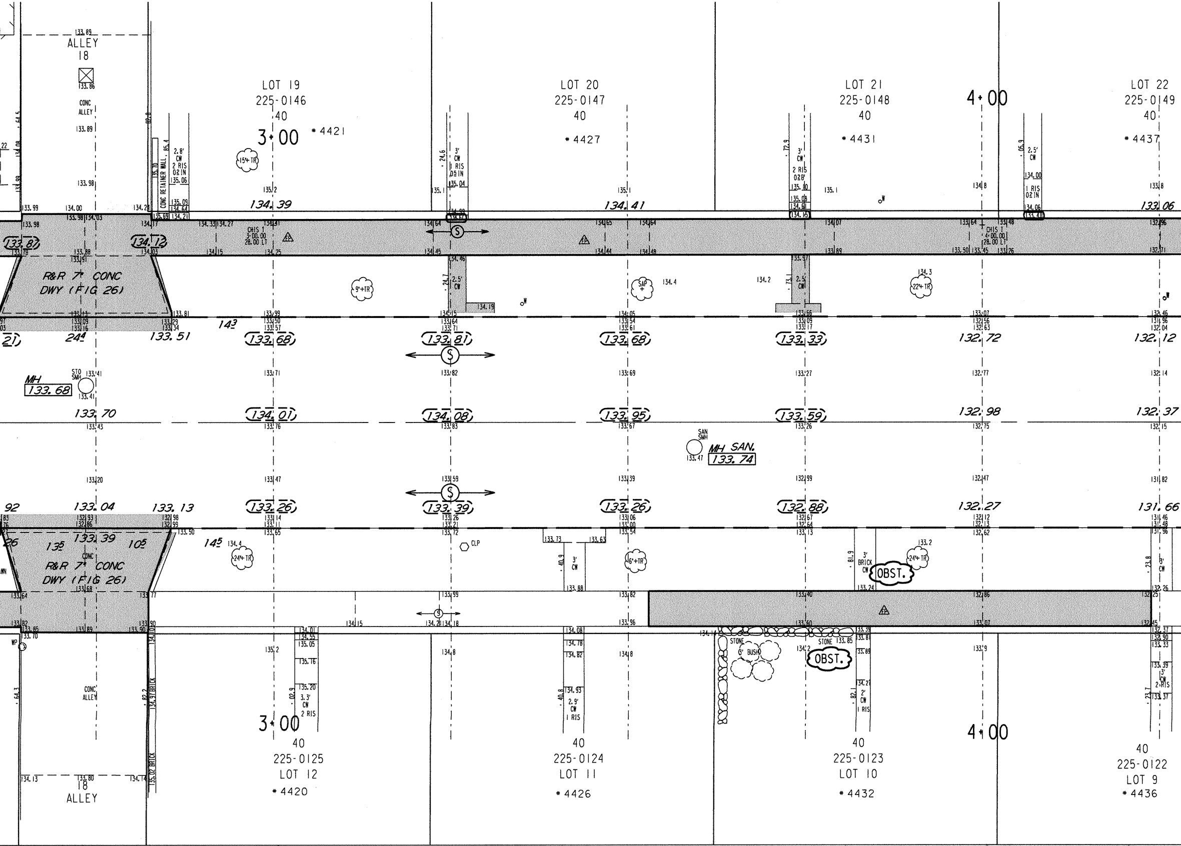
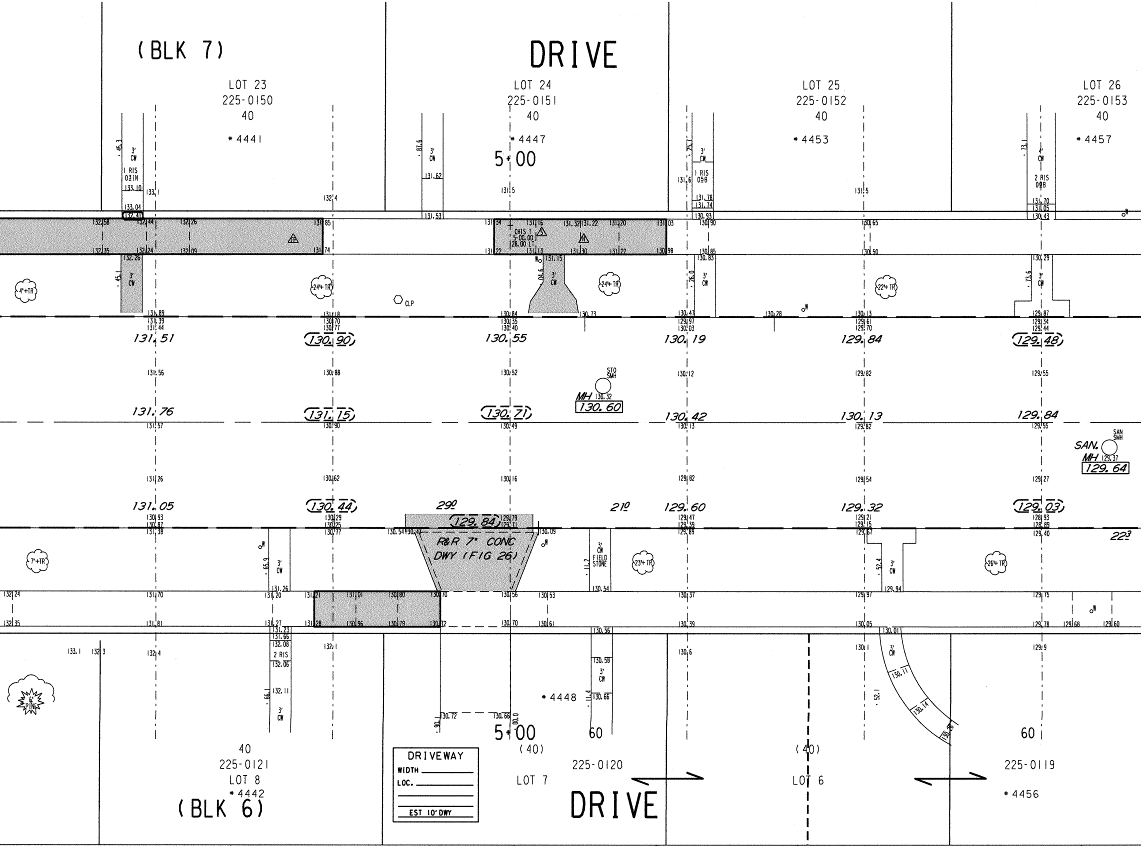
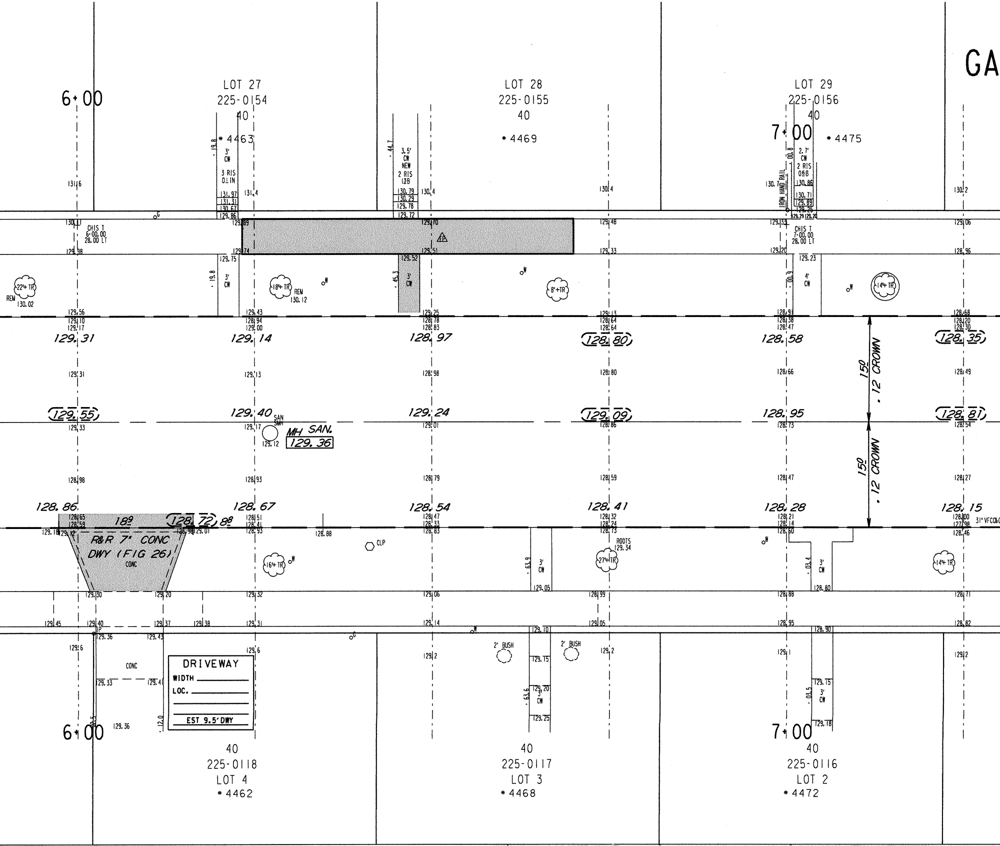


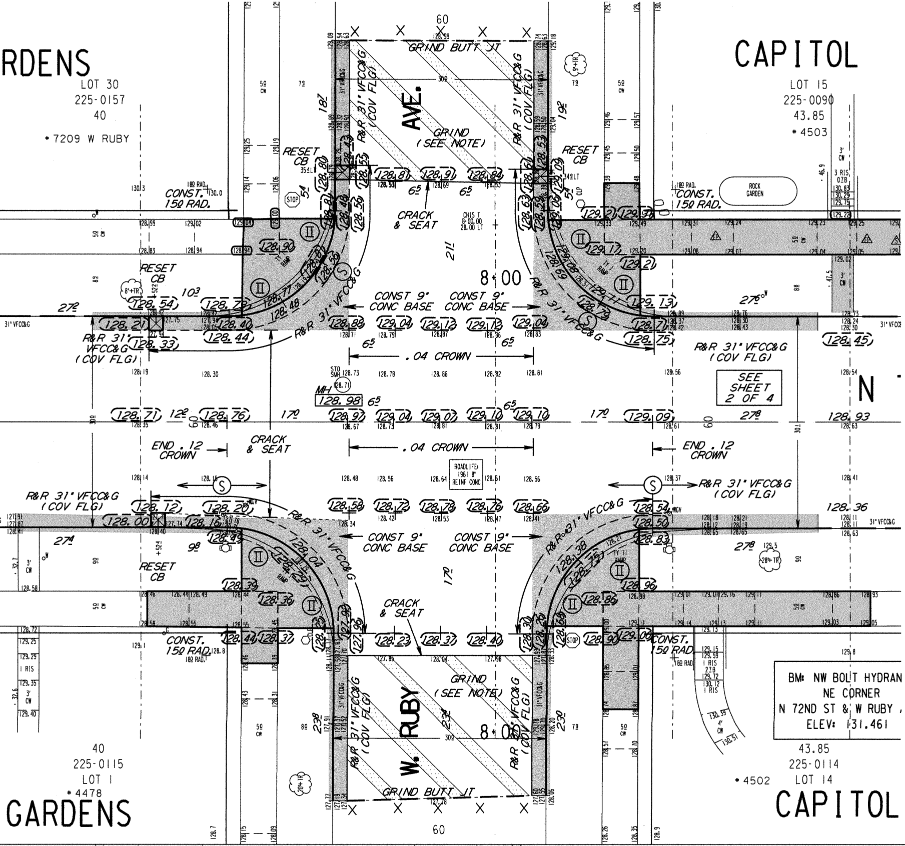
W. CONGRESS ST.
90
1+00
1+00
90
CONST. 18º RAD.
CONST. 18º RAD.
18º RAD.
GRIND (SEE NOTE) & CONST VT ASPH
R&R 31" VFCC&G
R&R 31" VFCC&G
31" VFCC&G (OV FLG)
31" VFCC&G (COV FLG)
SAW Cb
SAW Cb
BUS STOP
STOP
STOP
WGV
CHIS T 1+00.00 28.00 LT
PK 1+00.00 0.00 RT
STO SMH
SAN SMH
SAN SMH
ROADLIFE: 1991 VT ASPH ON 1958 8" REINF CONC
44º
44º
14º
14²
5º CW
9º
6º
7º
8º
7º
4º
3'
3'
26
130.04
130.07
130.10
130.00
129.94
129.97
130.03
129.53
129.26
129.80
129.90
130.04
129.54
129.90
130.00
130.14
130.28
130.83
131.02
130.32
131.02
130.46
131.08
130.39
130.50
130.78
131.10
131.05
130.43
130.97
130.33
130.94
130.18
130.75
130.84


BM: NW BOLT HYDRANT
NW CORNER N 72ND ST
& W CONGRESS ST.
ELEV: 133.603
CAPITOL
LOT 18
225-0145-100
119.82
DRIVEWAY
WIDTH
LOC.
EST 0
SEND DWY APP
FOR OPPORTUNITY
FOR NEW DWY
PLACEMENT
2 CAR GARAGE
OHD
* 7202 W. CONGRESS ST.
OBST.
2+00
ROCKS
CONST. 18' RAD.
4' CW
2 RIS
3' CW
4 RIS
NEW CONC
RESET CB
GAS
STOP
CLP 4405
30"+ TR
6"+TR
10"+ TR
R&R 31" VFCC&G
R&R 31" VFCC&G (COV)
GRIND BUTT JT
STO SMH
MH 131.68
ROADLIFE: 1958 8" REINF CONC
15' .12 CROWN
CONST VT ASPH PAV'T
N 72ND ST
CRACK & SEAT
GRIND (SEE NOTE) & CONST VT ASPH
END .12 CROWN
131.69
132.13
132.57
133.01
132.26
132.66
133.07
133.38
131.76
132.18
132.60
132.82
132.68
133.14
131.87
133.39
31" VFCC&G
WGV
19"+ TR
22"+ TR
RESET CB
R&R 7" CONC DWY (FIG 26)
LAWN
BUS STOP
CLP
F & P
MH 131.40
131.38
HAND RAIL
CONC
* 7130-7132 W. CONGRESS
2+00
119.82
225-0126
LOT 13
DRIVEWAY
WIDTH
LOC.
EST 20' DWY
SUBD/CSM (BLK.)
CAPITOL


ALLEY
18
CONC ALLEY
CONC RETAINER WALL
LOT 19
225-0146
40
3+00
* 4421
15" TR
LOT 20
225-0147
40
* 4427
LOT 21
225-0148
40
* 4431
4+00
LOT 22
225-0149
40
* 4437
134.39
134.41
133.06
2.8' CW 2 RIS 02 IN
3' CW 1 RIS 05 IN
3' CW 2 RIS 02B
2.5' CW 1 RIS 02 IN
CHIS T 3+00.00 28.00 LT
CHIS T 4+00.00 28.00 LT
133.81
134.12
R&R 7" CONC DWY (FIG 26)
9"+TR
2.5' CW
SAP
22"+ TR
133.51
133.68
133.81
133.68
133.33
132.72
132.12
MH 133.68
STO SMH
133.70
134.01
134.08
133.95
133.59
132.98
132.37
SAN SMH
MH SAN. 133.74
133.04
133.13
133.26
133.39
133.26
132.88
132.27
131.66
133.39
R&R 7" CONC DWY (FIG 26)
24"+ TR
CLP
3' CW
6"+TR
3' BRICK CW
OBST.
24"+ TR
3' CW
WP
STONE
3' BUSH
OBST.
3.3' CW 2 RIS
2.9' CW 1 RIS
2' CW 1 RIS
3' CW 2 RIS
CONC ALLEY
BRICK
3+00
40
225-0125
LOT 12
* 4420
40
225-0124
LOT 11
* 4426
40
225-0123
LOT 10
* 4432
4+00
40
225-0122
LOT 9
* 4436
18
ALLEY


(BLK 7)
DRIVE
LOT 23
225-0150
40
* 4441
LOT 24
225-0151
40
* 4447
5+00
LOT 25
225-0152
40
* 4453
LOT 26
225-0153
40
* 4457
3' CW
1 RIS
133.10
133.04
132.41
131.62
131.53
2 RIS
CHIS 1
5+00.00
28.00 LT
4'+TR
24"+ TR
CLP
22"+ TR
131.51
130.90
130.55
130.19
129.84
129.48
STO SMH
MH 130.32
130.60
131.76
131.15
130.71
130.42
130.13
129.84
SAN. SMH
SAN. MH 129.37
129.64
131.05
130.44
29⁰
129.84
21⁰
129.60
129.32
129.03
22³
R&R 7" CONC DWY (FIG 26)
7"+TR
3' CW FIELD STONE
23"+ TR
26"+ TR
6" PINE
40
225-0121
LOT 8
* 4442
(BLK 6)
DRIVEWAY
WIDTH
LOC.
EST 10' DWY
5+00
(40)
LOT 7
225-0120
60
* 4448
DRIVE
(40)
LOT 6
60
225-0119
* 4456


GA
6+00
LOT 27
225-0154
40
*4463
LOT 28
225-0155
40
*4469
LOT 29
225-0156
40
*4475
7+00
3' CW
3 RIS
OLIN
131.97
131.31
130.67
129.86
3.5' CW NEW
2 RIS
13B
130.79
130.29
129.78
129.72
2.7' CW
2 RIS
08B
130.86
130.71
129.89
129.29
IRON HAND RAIL
CHIS T 6+00.00 28.00 LT
CHIS T 7+00.00 28.00 LT
22+ TR
REM 130.02
18+ TR
REM 130.12
8'+TR
14+ TR
3' CW
4' CW
129.31
129.14
128.97
128.80
128.58
128.35
129.55
129.40
129.24
129.09
128.95
128.81
SAN SMH
MH SAN. 129.36
15'
.12 CROWN
128.86
128.67
128.54
128.41
128.28
128.15
18'
128.72
8'
R&R 7" CONC DWY (FIG 26)
CONC
16+ TR
CLP
27+TR
ROOTS 129.34
31' VFCO&C
2' BUSH
DRIVEWAY
WIDTH
LOC.
EST 9.5' DWY
6+00
7+00
40
225-0118
LOT 4
*4462
40
225-0117
LOT 3
*4468
40
225-0116
LOT 2
*4472


RDENS
LOT 30
225-0157
40
* 7209 W RUBY
CAPITOL
LOT 15
225-0090
43.85
* 4503
60
GRIND BUTT JT
AVE.
GRIND (SEE NOTE)
R&R 31" VFCC&G (COV FLG)
RESET CB
CONST. 15.0 RAD.
CRACK & SEAT
CHIS T 8+00.00 28.00 LT
8+00
CONST 9" CONC BASE
.04 CROWN
MH 128.98
SEE SHEET 2 OF 4
END .12 CROWN
ROADLIFE 1961 8" REINF CONC
ROCK GARDEN
STOP
N
W. RUBY
GRIND BUTT JT
BM: NW BOLT HYDRAN
NE CORNER
N 72ND ST & W RUBY
ELEV: 131.461
43.85
225-0114
LOT 14
* 4502
CAPITOL
40
225-0115
LOT 1
* 4478
GARDENS

NOTES :

- (I), (II), (III), DENOTES R
- CONSTRUCT ALL CARRIAGE PER CITY OF MILWAUKEE
- OFFSET MEASUREMENTS TO LIGHT POLES ARE TAKEN
- OFFSET MEASUREMENTS TO TO THE OPERATING NUT.
- GRADE & PLACE 1^5 WIDTH SOD BY CONSTRUCTION UNLESS OTH
- ANY TREE TO BE REMOVED AS INDICATED IN THE CONTRACT
- INTERNAL MANHOLE SEALS ARE MARKED "SAN" (SANITARY).
- IN AREAS OF GRINDING, GRIN COVER AT FLANGES, 0.17' AT
- PROJECT IS DESIGNED TO BE WITH A 0.12' CROWN IN EACH INTERSECTIONS AS SHOWN
- REMOVE ALL ASPHALTIC PATCH
- ANY SAWING ALONG THE CURB IN THE PRICE PID FOR CURB.

AMP TYPE.

WALKS AND DRIVEWAYS
SPECIFICATIONS.

TREES, WOOD POLES AND
TO EDGE NEAREST THE CENTERLINE.

HYDRANTS ARE TAKEN

D IN LAWN AREAS DISTURBED
HERWISE INDICATED.

PART OF THIS PROJECT WILL BE
SPECIAL PROVISIONS.

E REQUIRED IN ALL MANHOLES

ND TO ACHIEVE 0.12' MINIMUM
T BUTT JTS, AND 0.21' MINIMUM ELSEWHERE.

CONSTRUCTED IN TWO PASSES
H PASS, REDUCING THROUGH THE

HES WITHIN LIMITS OF CONSTRUCTION.

FLANGE SHALL BE INCLUDED

CONDITION OF CONCRETE	
B	BROKEN
BL	BLUE LINED
BP	BACK PITCHED
C	CRACKED
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.						
☒	8' CONCRETE BASE	S.Y.						
☒	TACK COAT	GAL.						
☒	BASE PREP. FOR ASPHALT SURFACE	L.S.						
☒	V.T.ASPH.CONC.PAV'T.(MAX.)	S.Y.						
☒	JOINT AND CRACK REPAIR	L.F.						2,000
☒	CRACK AND SEAT CONC PAV'T	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						

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN	FILE NO. 203

PLAN OF: N 72ND ST - W CONGRESS ST TO W HAMPTON AVE

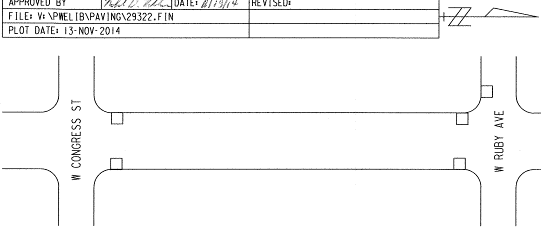
4400N, 7200W

THIS SECTION: W CONGRESS ST TO W RUBY AVE

DRAWN BY	G.LANGE	DATE: 9-29-14	PROJECT NO.		
DESCRIPTIONS BY	G.LANGE	DATE: 9-29-14	ST211 14 0132	SHEET 1 OF 4	
LEVELS BY	KLINKIEWICZ	DATE: 4/28/14	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	KLINKIEWICZ	DATE: 4/28/14	1" = 10'	225	2
DESIGNED BY	S. CULL	DATE: 7/25/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. CULL	DATE: 7/25/14	REVISED:		
CHECKED BY	D. Ulaskuh	DATE: 11/19/14	REVISED:		
APPROVED BY		DATE: 11/19/14	REVISED:		
FILE: V:\PWELIB\PAVING\29322.FIN					
PLOT DATE: 13-NOV-2014					

THIS SHEET

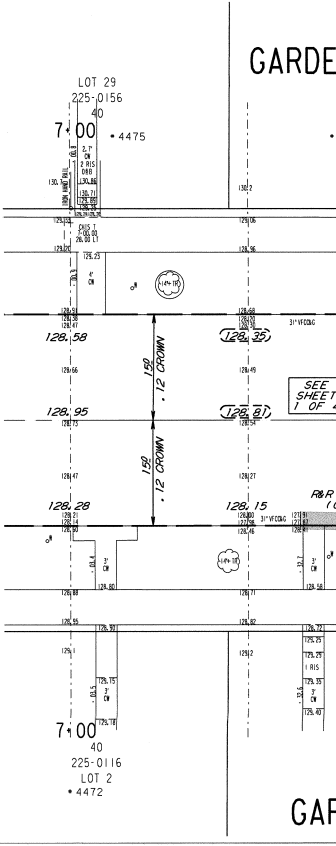
STORM DRAINAGE UNITS		
C.B.W.- 0	RESET- 5	ABANDON- 0
PROJECT IN (SEPARATED) AREA		


W CONGRESS ST
W RUBY AVE

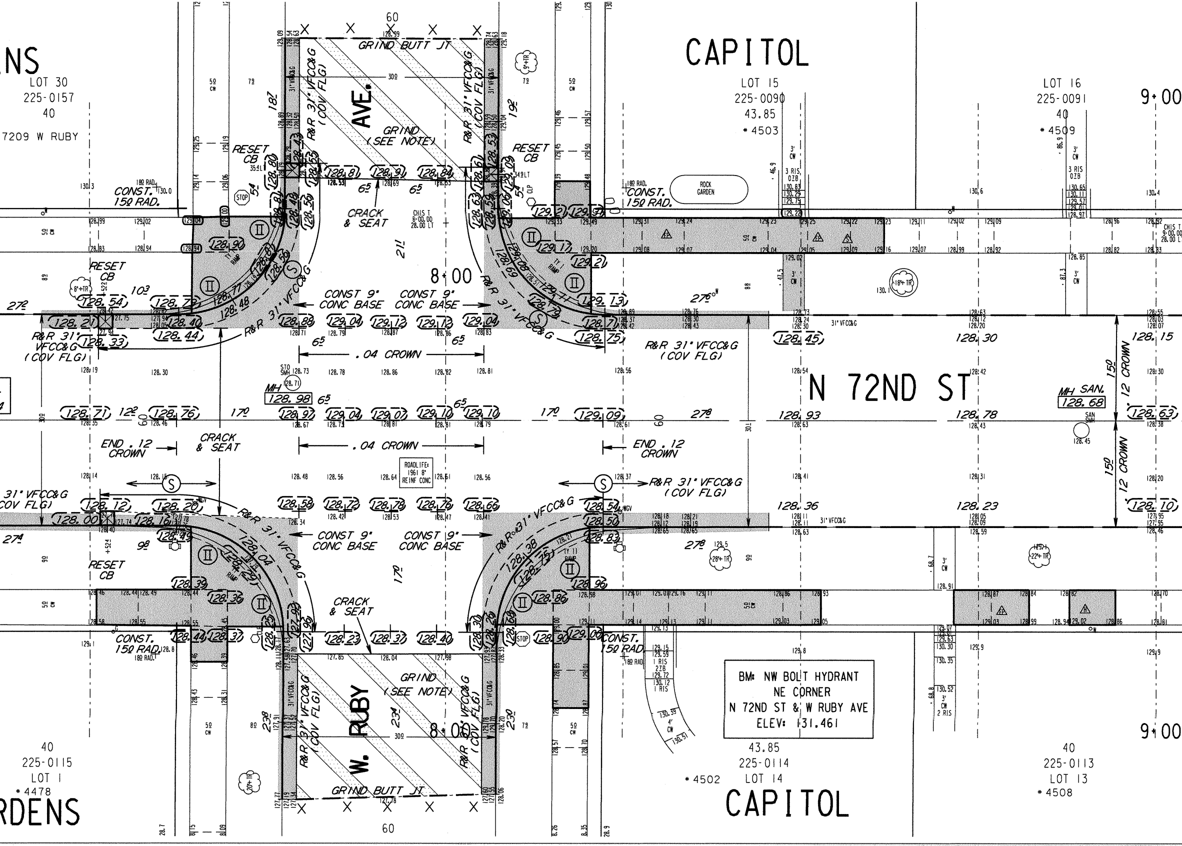
TO \ DATE	11/20/14	7/24/15			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS					
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.					
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
TrafficEng	1				
Room 506		6			
PLAN SIZE	12" X 117"				

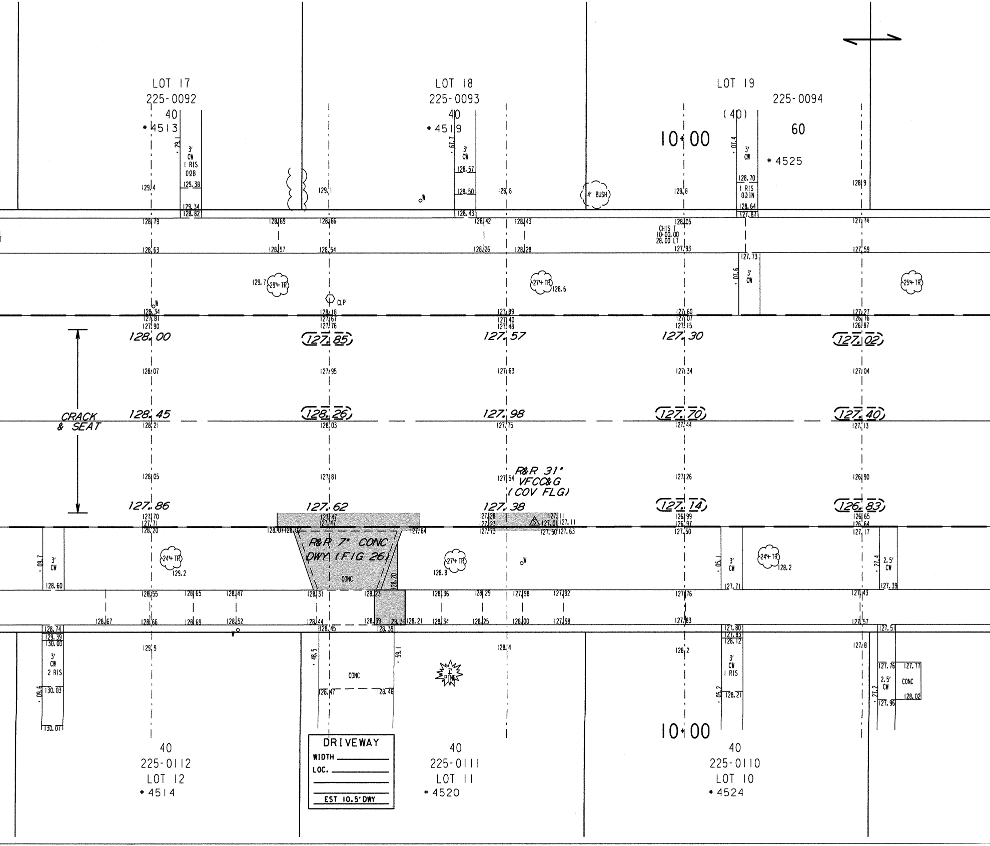
EROSION CONTROL AND C.B. REQUISITION PLAN

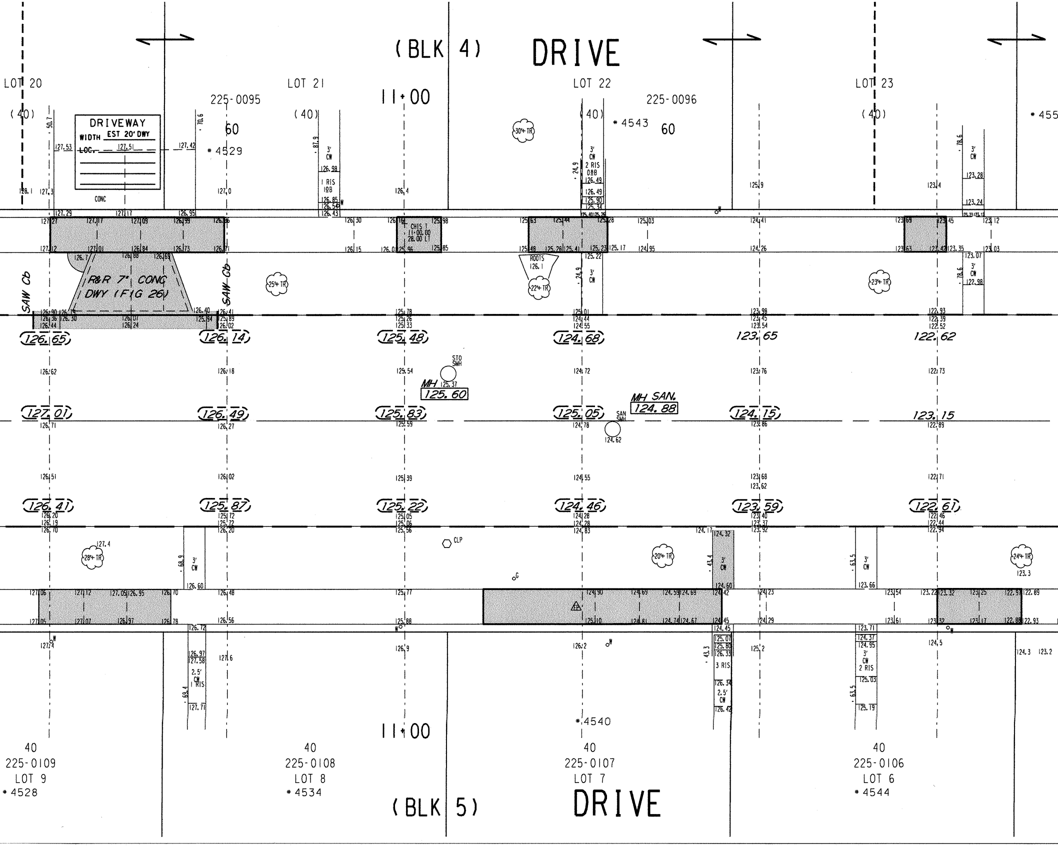
	TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	☐
SHEET TOTAL	5	0	5	0	NO WORK
PROJECT TOTAL	23	4	18	4	

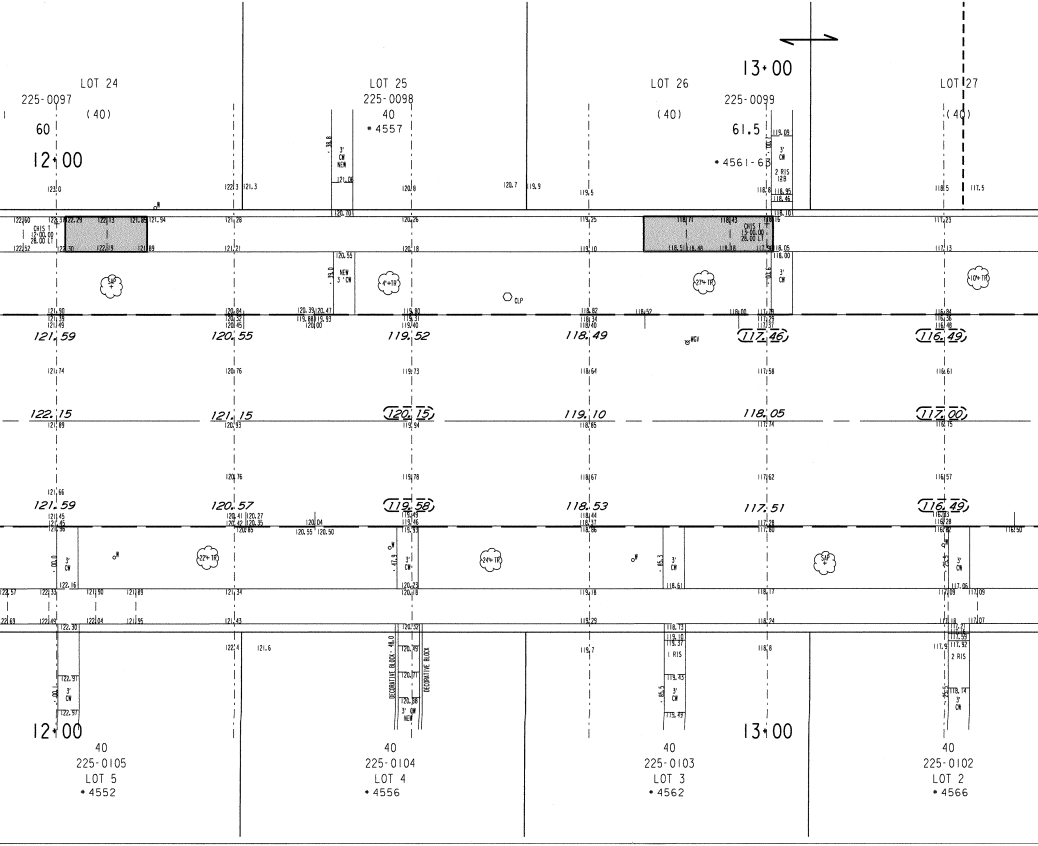


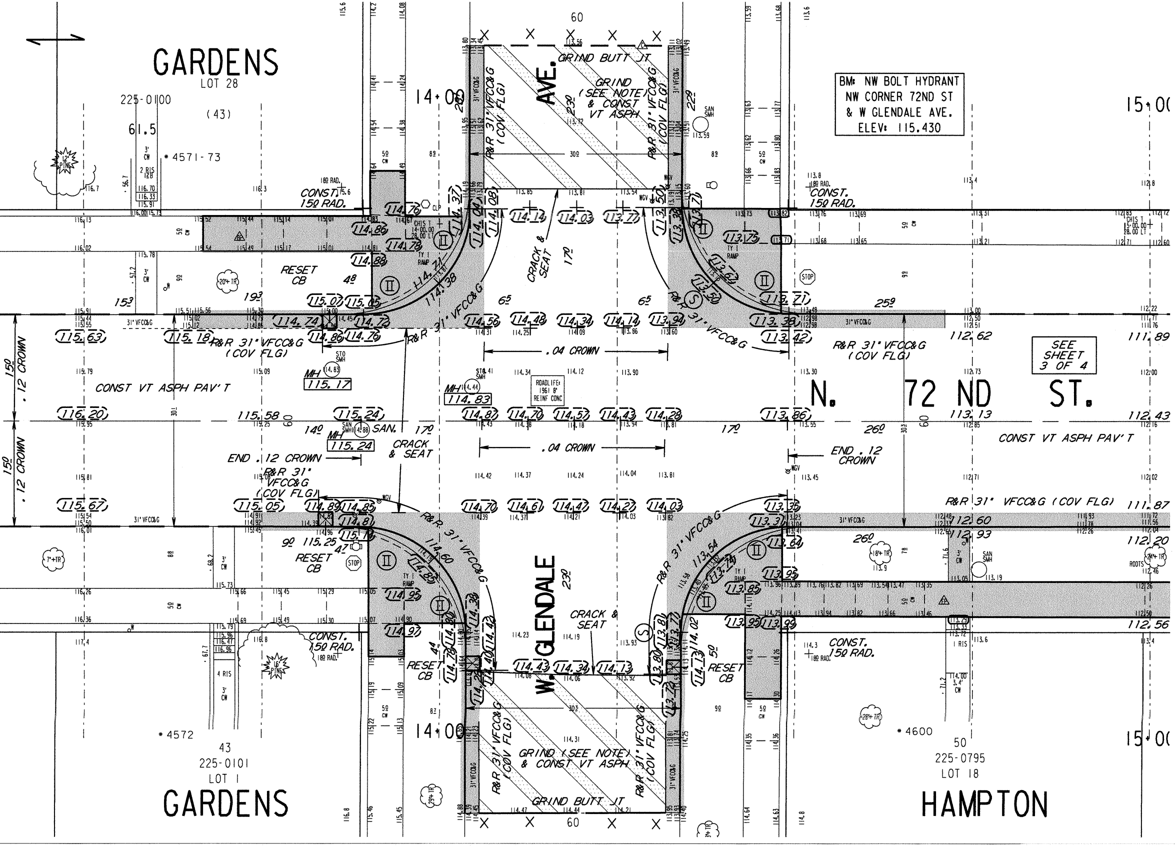
GARDE
LOT 29
225-0156
40
7+00
* 4475
IRON HAND RAIL
130.7
2.7' CW
2 RIS
06B
130.86
130.71
129.89
129.25
129.33
CHIS T
7+00.00
28.00 LT
129.20
129.23
4' CW
14"+ TR
128.91
128.38
128.47
128.58
130.2
129.06
128.96
128.68
128.20
128.30
31' VFCC&G
128.35
150
.12 CROWN
128.66
128.49
SEE
SHEET
1 OF
128.95
128.73
128.81
128.54
128.47
128.27
R&R
128.28
128.21
128.14
128.50
128.15
128.00
127.98
128.46
127.91
127.87
128.41
3' CW
128.80
128.88
128.71
32.7
128.58
128.95
128.90
128.82
128.72
129.25
129.29
1 RIS
129.35
129.1
129.2
129.75
3' CW
129.78
32.6
129.40
7+00
40
225-0116
LOT 2
* 4472
GAR

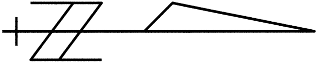

CAPITOL
LOT 15
225-0090
43.85
* 4503
LOT 16
225-0091
40
* 4509
9+00
NS
LOT 30
225-0157
40
7209 W RUBY
60
GRIND BUTT JT
30º
AVE.
R&R 31" VFCC&G (COV FLG)
GRIND (SEE NOTE)
RESET CB
CONST. 15º RAD.
18º RAD.
ROCK GARDEN
CRACK & SEAT
CHIS T 8+00.00 28.00 LT
8+00
CONST 9" CONC BASE
R&R 31" VFCC&G
.04 CROWN
N 72ND ST
MH SAN. 128.68
MH 128.98
12 CROWN
END .12 CROWN
ROADLIFE 1961 8" REINF CONC
STOP
TY I RAMP
TY II RAMP
BM: NW BOLT HYDRANT
NE CORNER
N 72ND ST & W RUBY AVE
ELEV: 131.461
W. RUBY
43.85
225-0114
* 4502
LOT 14
CAPITOL
40
225-0113
LOT 13
* 4508
40
225-0115
LOT 1
* 4478
RDENS
60


LOT 17
225-0092
40
* 4513
LOT 18
225-0093
40
* 4519
LOT 19
225-0094
(40)
60
* 4525
10+00
3' CW
1 RIS 09B
3' CW
1 RIS 03 IN
4' BUSH
29+ TR
27+ TR
25+ TR
24+ TR
CLP
CHIS T 10+00.00 28.00 LT
128.00
127.85
127.57
127.30
127.02
CRACK & SEAT
128.45
128.26
127.98
127.70
127.40
R&R 31" VFCC&G (COV FLG)
127.86
127.62
127.38
127.14
126.83
R&R 7" CONC DWY (FIG 26)
CONC
3' CW
2.5' CW
3' CW 2 RIS
3' CW 1 RIS
2.5' CW
CONC
1' PINE
DRIVEWAY
WIDTH
LOC.
EST 10.5' DWY
40
225-0112
LOT 12
* 4514
40
225-0111
LOT 11
* 4520
40
225-0110
LOT 10
* 4524


(BLK 4)
DRIVE
LOT 20
LOT 21
LOT 22
LOT 23
(40)
(40)
(40)
(40)
225-0095
225-0096
60
60
11+00
* 4529
* 4543
* 455
DRIVEWAY
WIDTH EST 20' DWY
LOC. 127.51
CONC
3' CW
1 RIS 10B
2 RIS 08B
30"+ TR
CHIS 1 11+00.00 28.00 LT
ROOTS 126.1
R&R 7" CONC DWY (FIG 26)
SAW Cb
SAW Cb
25"+ TR
22"+ TR
23"+ TR
126.65
126.14
125.48
124.68
123.65
122.62
STO SMH
MH 125.37
125.60
MH SAN.
124.88
SAN SMH
124.62
127.01
126.49
125.83
125.05
124.15
123.15
126.41
125.87
125.22
124.46
123.59
122.61
CLP
28"+ TR
20"+ TR
24"+ TR
2.5' CW 1 RIS
3 RIS
2.5' CW
3' CW 2 RIS
11+00
* 4540
40
225-0109
LOT 9
* 4528
40
225-0108
LOT 8
* 4534
40
225-0107
LOT 7
40
225-0106
LOT 6
* 4544
(BLK 5)
DRIVE


LOT 24
225-0097
(40)
60
12+00
LOT 25
225-0098
40
* 4557
3' CW NEW
NEW 3' CW
LOT 26
(40)
225-0099
61.5
* 4561-63
13+00
3' CW
2 RIS 12B
LOT 27
(40)
CHIS T 12+00.00 28.00 LT
CHIS T 13+00.00 28.00 LT
SAP
4'+TR
CLP
27'+TR
10'+TR
WGV
121.59
120.55
119.52
118.49
117.46
116.49
122.15
121.15
120.15
119.10
118.05
117.00
121.59
120.57
119.58
118.53
117.51
116.49
22'+TR
24'+TR
SAP
3' CW
DECORATIVE BLOCK - 48.0
DECORATIVE BLOCK
3' CW NEW
1 RIS
2 RIS
12+00
13+00
40
225-0105
LOT 5
* 4552
40
225-0104
LOT 4
* 4556
40
225-0103
LOT 3
* 4562
40
225-0102
LOT 2
* 4566


GARDENS
LOT 28
225-0100
(43)
61.5
* 4571-73
14+00
15+00
60
AVE.
GRIND BUTT JT
GRIND (SEE NOTE) & CONST VT ASPH
R&R 31" VFCC&G (COV FLG)
30º
23º
22º
BM: NW BOLT HYDRANT
NW CORNER 72ND ST
& W GLENDALE AVE.
ELEV: 115.430
CONST. 15º RAD.
RESET CB
CRACK & SEAT
.04 CROWN
.12 CROWN
15º
CONST VT ASPH PAV'T
MH 115.17
MH 114.83
MH 115.24
ROADLIFE: 1961 8" REINF CONC
END .12 CROWN
N. 72 ND ST.
SEE SHEET 3 OF 4
R&R 31" VFCC&G (COV FLG)
W. GLENDALE
* 4572
43
225-0101
LOT 1
GARDENS
* 4600
50
225-0795
LOT 18
HAMPTON



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.*

CONDITION OF CONCRETE	
△B	BROKEN
△BL	BLUE LINED
△BP	BACK PITCHED
△C	CRACKED
△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

DESCRIPTION	UNIT	ASSESS.	X-ING
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		

QUANTITIES

		PLAN TOT.	PROJ.TOT.

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

FILE NO. 204

PLAN OF: N 72ND ST -W CONGRESS ST TO W HAMPTON AVE

4500N, 7200W

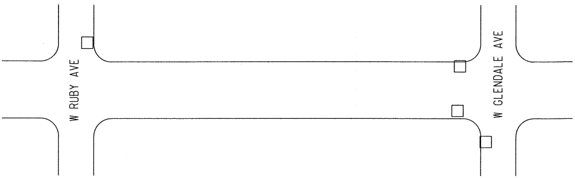
THIS SECTION: W RUBY AVE TO W GLENDALE AVE

DRAWN BY	G.LANGE	DATE: 9-29-14	PROJECT NO.		
DESCRIPTIONS BY	G.LANGE	DATE: 9-29-14	ST211 14 0132	SHEET 2 OF 4	
LEVELS BY	KLINKIEWICZ	DATE: 4/28/14	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	KLINKIEWICZ	DATE: 4/28/14	1" = 10'	225	2
DESIGNED BY	S. CULL	DATE: 7/25/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. CULL	DATE: 7/25/14	REVISED:		
CHECKED BY	D. Ulatowski	DATE: 11/19/14	REVISED:		
APPROVED BY		DATE: 11/19/14	REVISED:		
FILE: V:\PWELIB\PAVING\29322.FIN					
PLOT DATE: 13-NOV-2014					

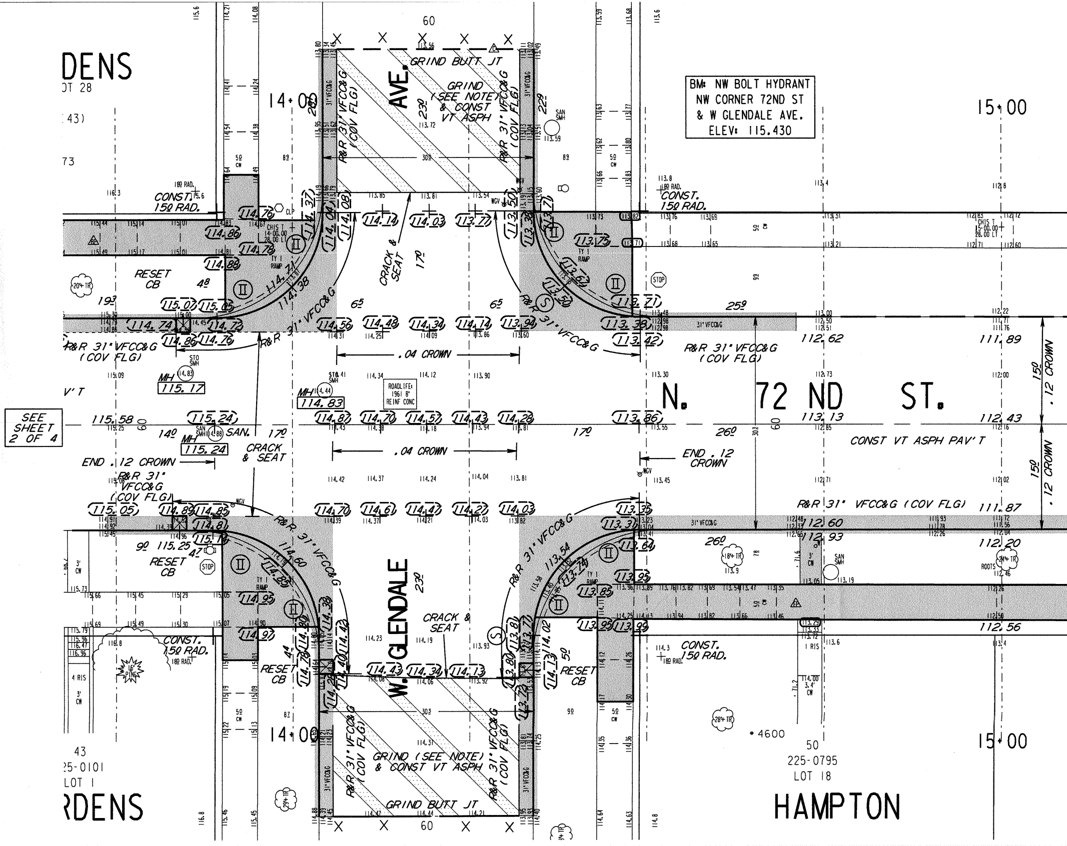
THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 0	RESET- 4	ABANDON- 0
PROJECT IN (SEPARATED) AREA		

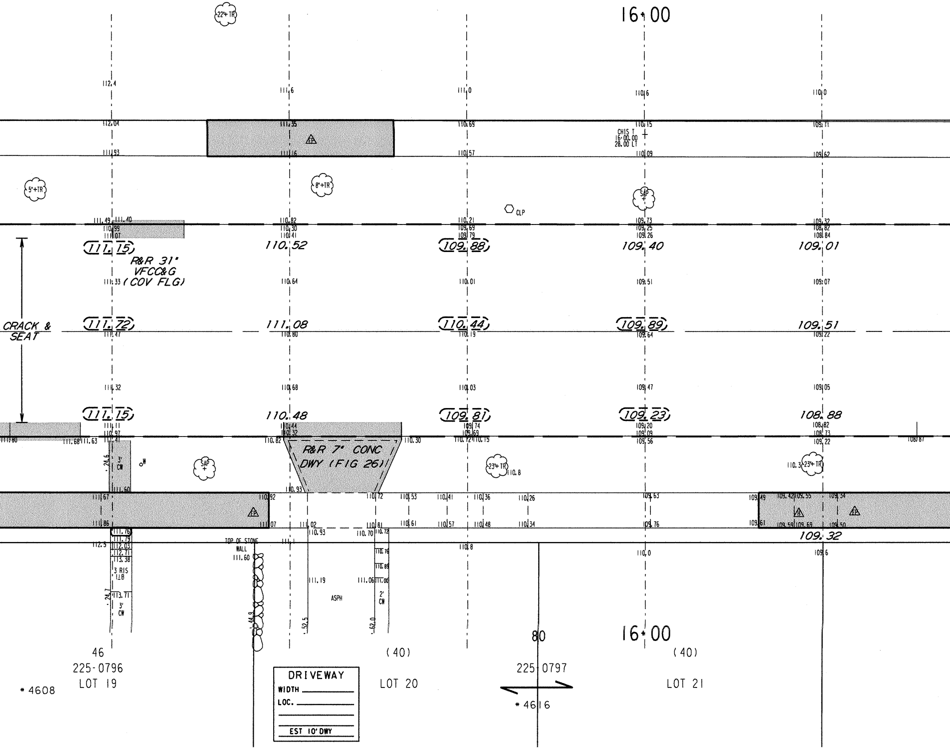
TO \ DATE	11/20/14	7/24/15			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS					
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.					
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic Eng	1				
Room 506		6			
PLAN SIZE	12" X 117"				

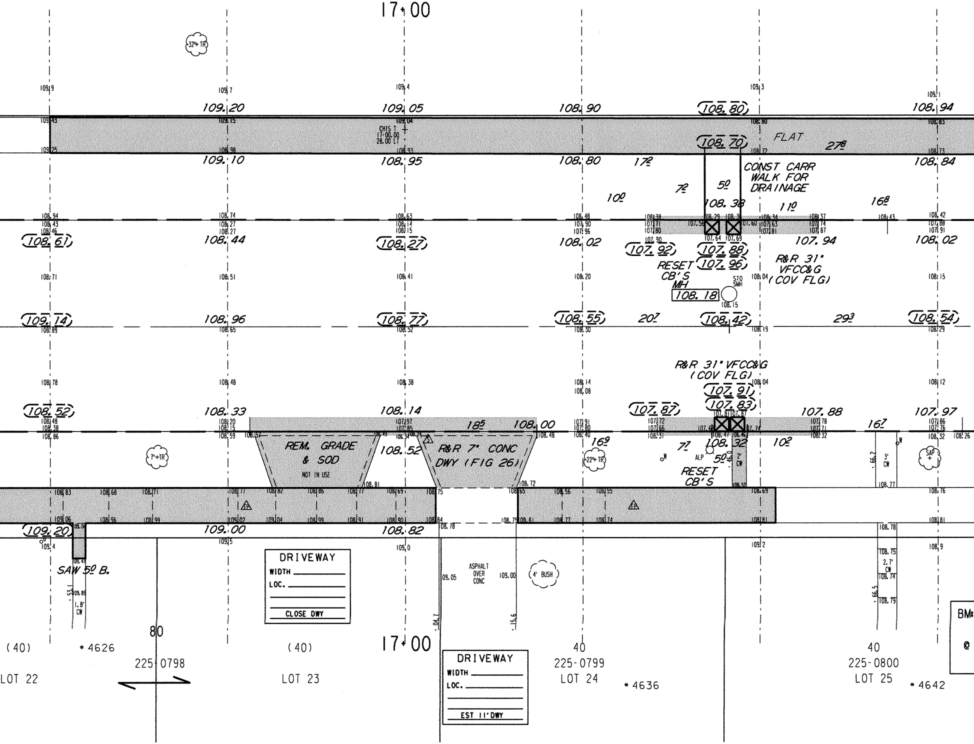

W RUBY AVE
W GLENDALE AVE

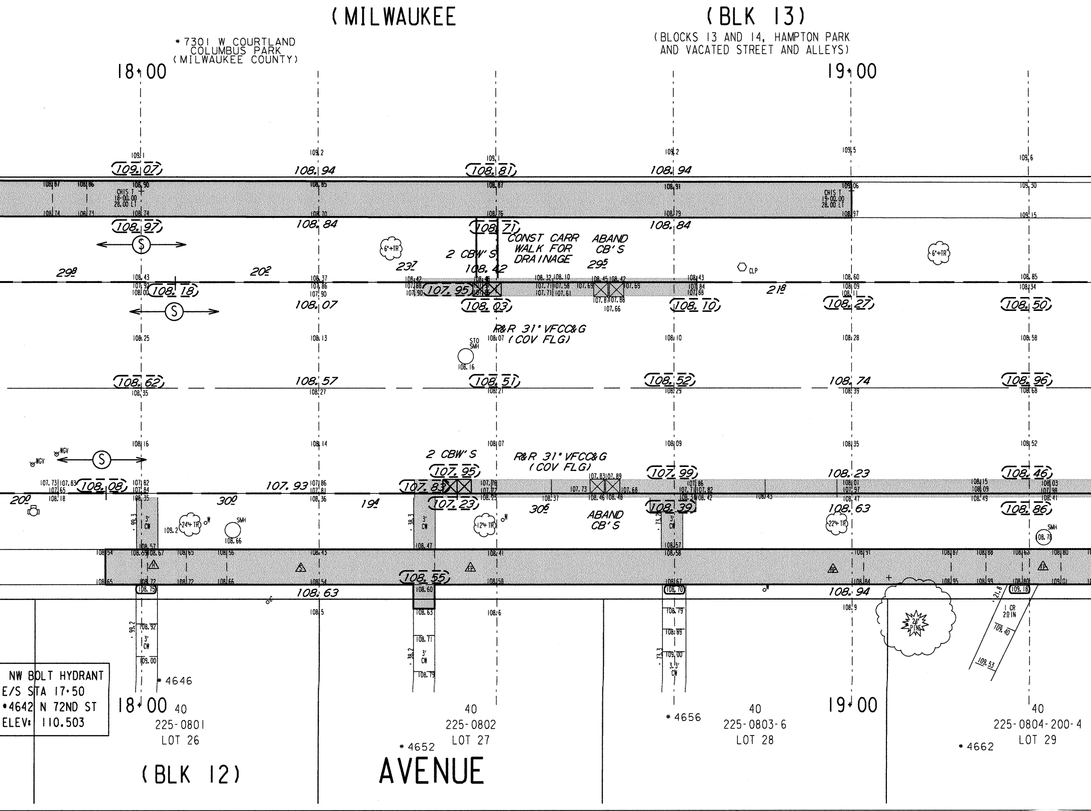
	EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
	TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	⌀	
SHEET TOTAL	4	0	4	0	NO WORK	


DENS
OT 28
43)
73
BM: NW BOLT HYDRANT
NW CORNER 72ND ST
& W GLENDALE AVE.
ELEV: 115.430
14+00
15+00
60
GRIND BUTT JT
GRIND (SEE NOTE) & CONST VT ASPH
AVE.
R&R 31" VFCC&G (COV FLG)
CONST. 15º RAD.
RESET CB
CRACK & SEAT
.04 CROWN
N. 72 ND ST.
ROADLIFE: 1961 8" REINF CONC
MH 114.83
MH 115.17
MH 115.24
SAN.
SEE SHEET 2 OF 4
END .12 CROWN
CONST VT ASPH PAV'T
15º .12 CROWN
TY I RAMP
STOP
W. GLENDALE
GRIND (SEE NOTE) & CONST VT ASPH
GRIND BUTT JT
43
25-0101
LOT 1
RDENS
* 4600
50
225-0795
LOT 18
HAMPTON

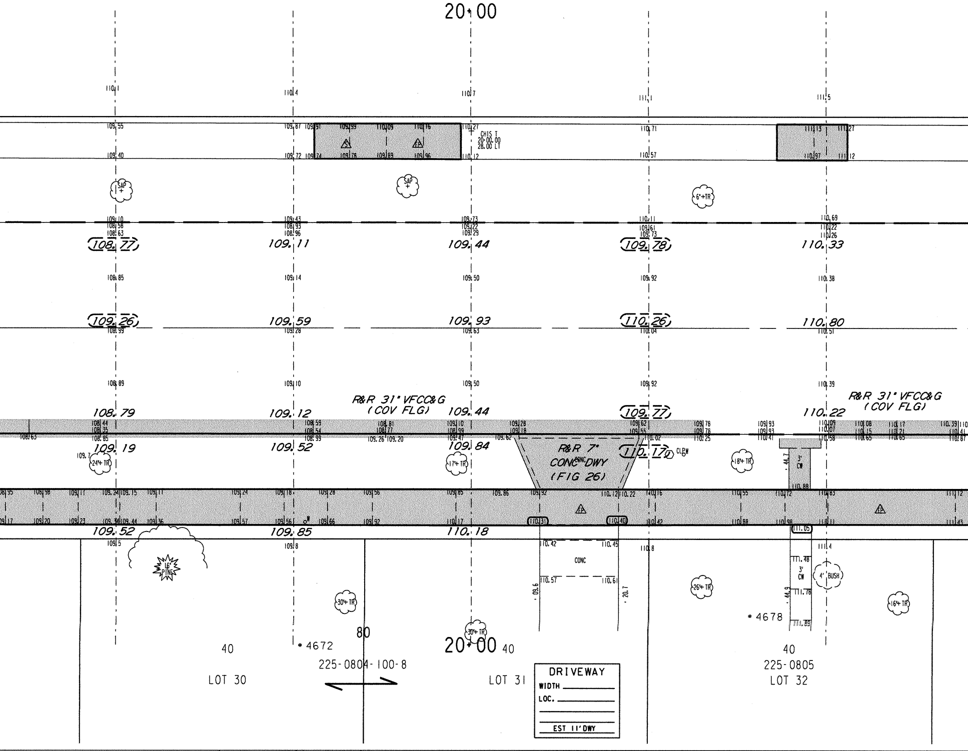
COLUMBUS


16+00
22"+TR
5'+TR
8"+TR
SAP
CLP
CHIS T
16+00.00
28.00 LT
(111.15)
R&R 31"
VFCC&G
(COV FLG)
110.52
(109.88)
109.40
109.01
CRACK &
SEAT
(111.72)
111.08
(110.44)
(109.89)
109.51
(111.15)
110.48
(109.81)
(109.23)
108.88
R&R 7" CONC
DWY (FIG 26)
23"+TR
3' CW
3 RIS
TOP OF STONE
WALL
111.60
ASPH
2' CW
109.32
80
46
225-0796
LOT 19
* 4608
(40)
LOT 20
225-0797
* 4616
(40)
LOT 21
DRIVEWAY
WIDTH
LOC.
EST 10' DWY

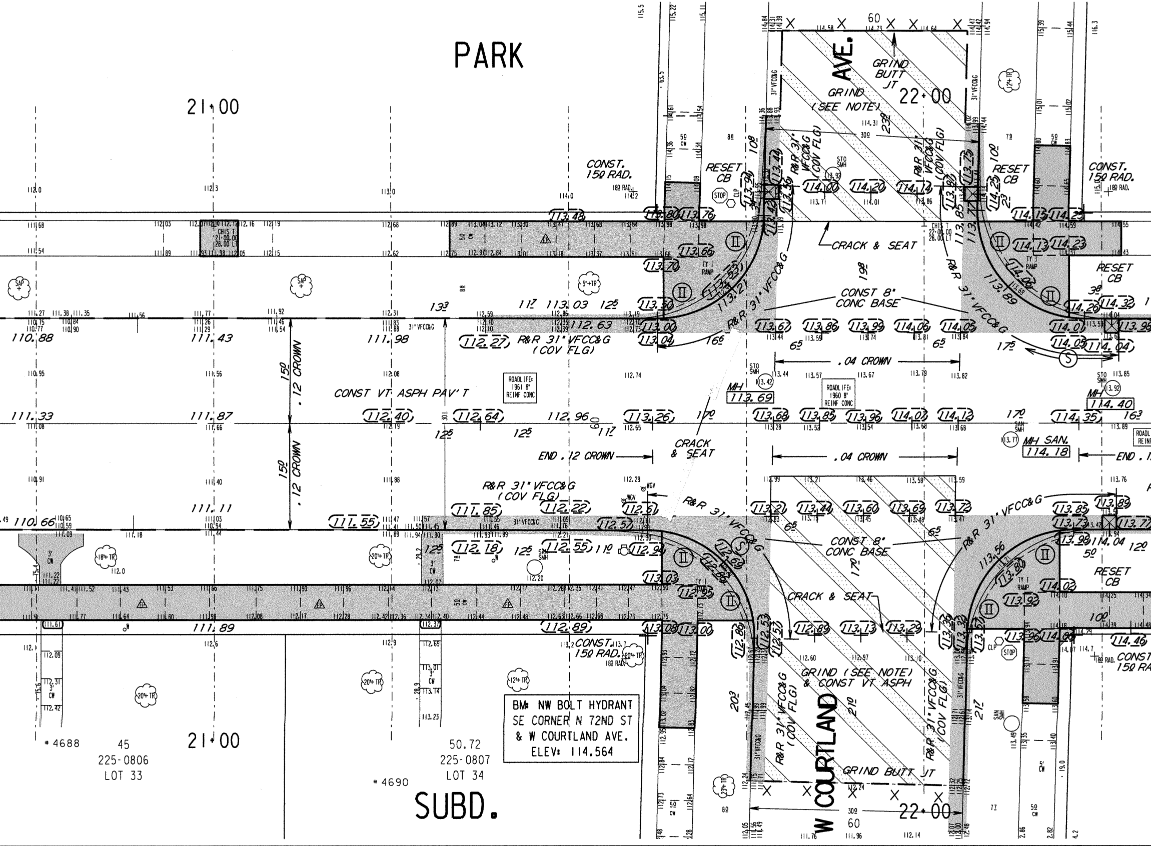

17+00
32" TR
109.20
109.05
108.90
108.80
108.94
109.10
108.95
108.80
108.70
108.84
CHIS T
17+00.00
28.00 LT
FLAT
27.8
17.2
7.2
5.0
10.0
11.0
16.8
CONST CARR
WALK FOR
DRAINAGE
108.38
108.61
108.44
108.27
108.02
107.92
107.88
107.96
107.94
108.02
RESET
CB'S
R&R 31"
VFCC&G
(COV FLG)
MH
108.18
STO
SMH
109.14
108.96
108.77
108.55
20.7
108.42
29.3
108.54
R&R 31" VFCC&G
(COV FLG)
107.91
107.83
108.52
108.33
108.14
18.5
108.00
107.87
107.88
107.97
16.7
16.9
7.7
10.2
50.0
108.32
REM. GRADE
& SOD
NOT IN USE
108.52
R&R 7" CONC
DWY (FIG 26)
7"+TR
22" TR
ALP
RESET
CB'S
3' CW
2' CW
SAP
109.20
109.00
108.82
SAW 5.0 B.
1.8' CW
2.7' CW
DRIVEWAY
WIDTH
LOC.
CLOSE DWY
ASPHALT
OVER
CONC
4' BUSH
DRIVEWAY
WIDTH
LOC.
EST 11' DWY
80
(40)
* 4626
225 0798
LOT 22
(40)
LOT 23
17+00
40
225-0799
LOT 24
* 4636
40
225-0800
LOT 25
* 4642
BM


(MILWAUKEE
(BLK 13)
(BLOCKS 13 AND 14, HAMPTON PARK
AND VACATED STREET AND ALLEYS)
*7301 W COURTLAND
COLUMBUS PARK
(MILWAUKEE COUNTY)
18+00
19+00
CHIS T
18+00.00
28.00 LT
CHIS T
19+00.00
28.00 LT
2 CBW'S
CONST CARR
WALK FOR
DRAINAGE
ABAND
CB'S
R&R 31" VFCC&G
(COV FLG)
STO
SMH
2 CBW'S
R&R 31" VFCC&G
(COV FLG)
ABAND
CB'S
CLP
6"+TR
12"+TR
24"+TR
22"+TR
SMH
WGV
1 CR
29 IN
24"
PINE
3' CW
3.3' CW
NW BOLT HYDRANT
E/S STA 17+50
*4642 N 72ND ST
ELEV: 110.503
18+00
19+00
*4646
*4652
*4656
*4662
40
225-0801
LOT 26
40
225-0802
LOT 27
40
225-0803-6
LOT 28
40
225-0804-200-4
LOT 29
(BLK 12)
AVENUE

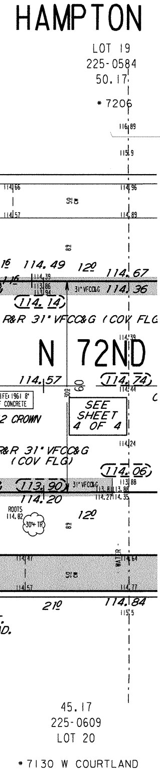
COUNTY)



20+00
110.1
110.4
110.7
111.1
111.5
CHIS T
20+00.00
28.00 LT
SAP
6'+TR
(108.77)
109.11
109.44
(109.78)
110.33
(109.26)
109.59
109.93
(110.26)
110.80
R&R 31" VFCC&G
(COV FLG)
108.79
109.12
109.44
(109.77)
110.22
109.19
109.52
109.84
R&R 7" CONC DWY
(FIG 26)
(110.17)
CLPW
24"+TR
17"+TR
18"+TR
3' CW
109.52
109.85
110.18
(110.31)
(110.40)
(111.05)
16" PINE
CONC
30"+TR
26"+TR
4' BUSH
16"+TR
* 4672
* 4678
80
20+00
40
LOT 30
225-0804-100-8
LOT 31
DRIVEWAY
WIDTH
LOC.
EST 11' DWY
225-0805
LOT 32


PARK
AVE.
21+00
22+00
GRIND BUTT JT
GRIND (SEE NOTE)
CONST. 15' RAD.
RESET CB
R&R 31" VFCC&G (COV FLG)
CRACK & SEAT
CONST 8" CONC BASE
R&R 31" VFCC&G
.12 CROWN
.04 CROWN
END .12 CROWN
CONST VT ASPH PAV'T
ROADLIFE: 1961 8" REINF CONC
ROADLIFE: 1960 8" REINF CONC
MH 113.69
MH 114.40
MH SAN. 114.18
STO SMH
SAN SMH
TY I RAMP
STOP
CLP
WGV
CHIS T 21+00.00 28.00 LT
CHIS T 22+00.00 28.00 LT
GRIND (SEE NOTE) & CONST VT ASPH
W COURTLAND
SUBD.
*4688
45
225-0806
LOT 33
*4690
50.72
225-0807
LOT 34
30'
60

BM: NW BOLT HYDRANT
SE CORNER N 72ND ST
& W COURTLAND AVE.
ELEV: 114.564


HAMPTON
LOT 19
225-0584
50.17
*7206
116.89
115.9
114.66
114.96
114.57
114.89
1.6 114.49
12.0
114.67
114.39
113.86
113.94
31' VFCC&G
114.36
114.14
R&R 31' VFCC&G (COV FLG
N 72ND
114.39
114.57
60
114.74
114.44
SEE SHEET 4 OF 4
2 CROWN
R&R 31' VFCC&G (COV FLG)
114.24
114.06
113.90
31' VFCC&G
113.88
114.20
114.27
114.35
ROOTS 114.82
30" TR
12.0
WATER
114.47
114.64
114.57
114.77
21.0
114.84
115.5
45.17
225-0609
LOT 20
*7130 W COURTLAND

ESTIMATE /

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.*

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

	DESCRIPTION
	MOBILIZATION
	FINISHING ROADWAY
	BARRICADING AND SIGNING
	CUTTING
	ROADWAY CUTTING
	FILLING
	ROADWAY FILLING
	PAVEMENT REMOVAL
	BITUMINOUS SURFACE REMOVAL
	CURB &/OR CURB & GUTTER REMOVAL
	CONC. WALK &/OR DRIVEWAY REMOVAL
	SAWING (FULL DEPTH)
	SAWING
	TREES CLEARING
	TREES GRUBBING
	CONCRETE CURB & GUTTER
	V.T. CONC. WALK &/OR DRIVEWAY
	5' CONCRETE WALK
	7' CONCRETE DRIVEWAY
	CONCRETE PAVEMENT
	7' CONCRETE ALLEY PAVEMENT
	V.T. CONCRETE BASE
	CONCRETE BASE
	TACK COAT
	BASE PREP. FOR ASPHALT SURFACE
	V.T. ASPH. CONC. PAV'T. (MAX.)
	CRUSHED STONE BASE
	CRUSHED GRAVEL BASE
	GRAVEL FILLING
	SODDING
	TOPSOIL
	PAVEMENT GRINDING (ASPHALT)
	PAVEMENT GRINDING (CONCRETE)
	SEALING PAV'T JOINTS & CRACKS
	MANHOLE RINGS
	SEWER FRAME ADJUSTMENT
	MANHOLE SEAL (CITY FURNISHED)
	EROSION CONTROL (TYPE M)

CERTIFICATE QUANTITIES

UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ. TOT.
L.S.						
L.S.						
L.S.						
C.Y.						
C.Y.						
C.Y.						
C.Y.						
S.Y.						
S.Y.						
L.F.						
S.F.						
L.F.						
L.F.						
I.D.						
I.D.						
L.F.						
C.Y.						
S.F.						
S.F.						
S.Y.						
S.Y.						
C.Y.						
S.Y.						
GAL.						
L.S.						
S.Y.						
TON						
S.Y.						
C.Y.						
S.Y.						
S.Y.						
S.Y.						
EACH						
V.F.						
EACH						
EACH						

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

FILE NO. 205

PLAN OF: N 72ND ST - W CONGRESS ST TO W HAMPTON AVE

4600N, 7200W

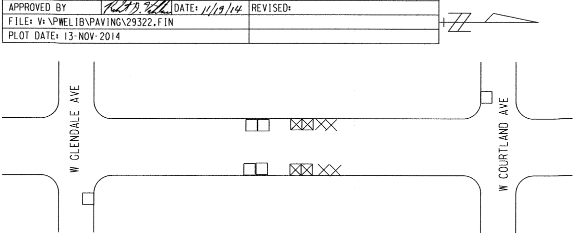
THIS SECTION: W GLENDALE AVE TO W COURTLAND AVE

DRAWN BY	G.LANGE	DATE: 9-29-14	PROJECT NO.		
DESCRIPTIONS BY	G.LANGE	DATE: 9-29-14	ST211 14 0132	SHEET 3 OF 4	
LEVELS BY	KLINKIEWICZ	DATE: 4/28/14	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	KLINKIEWICZ	DATE: 4/28/14	1" = 10'	225	2
DESIGNED BY	S. CULL	DATE: 7/25/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. CULL	DATE: 7/25/14	REVISED:		
CHECKED BY	D. Glatzel	DATE: 11/19/14	REVISED:		
APPROVED BY		DATE: 11/19/14	REVISED:		
FILE: V:\PWELIB\PAVING\29322.FIN					
PLOT DATE: 13-NOV-2014					

THIS SHEET

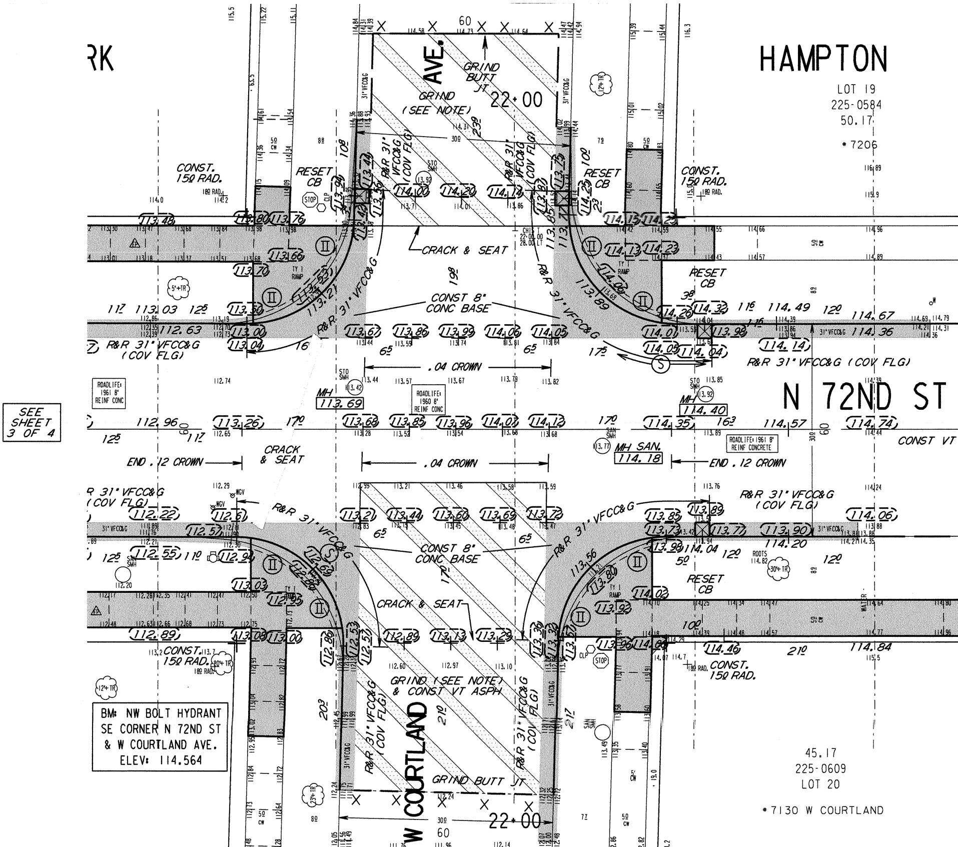
STORM DRAINAGE UNITS		
C.B.W.- 4	RESET- 6	ABANDON- 4
PROJECT IN (SEPARATED) AREA		

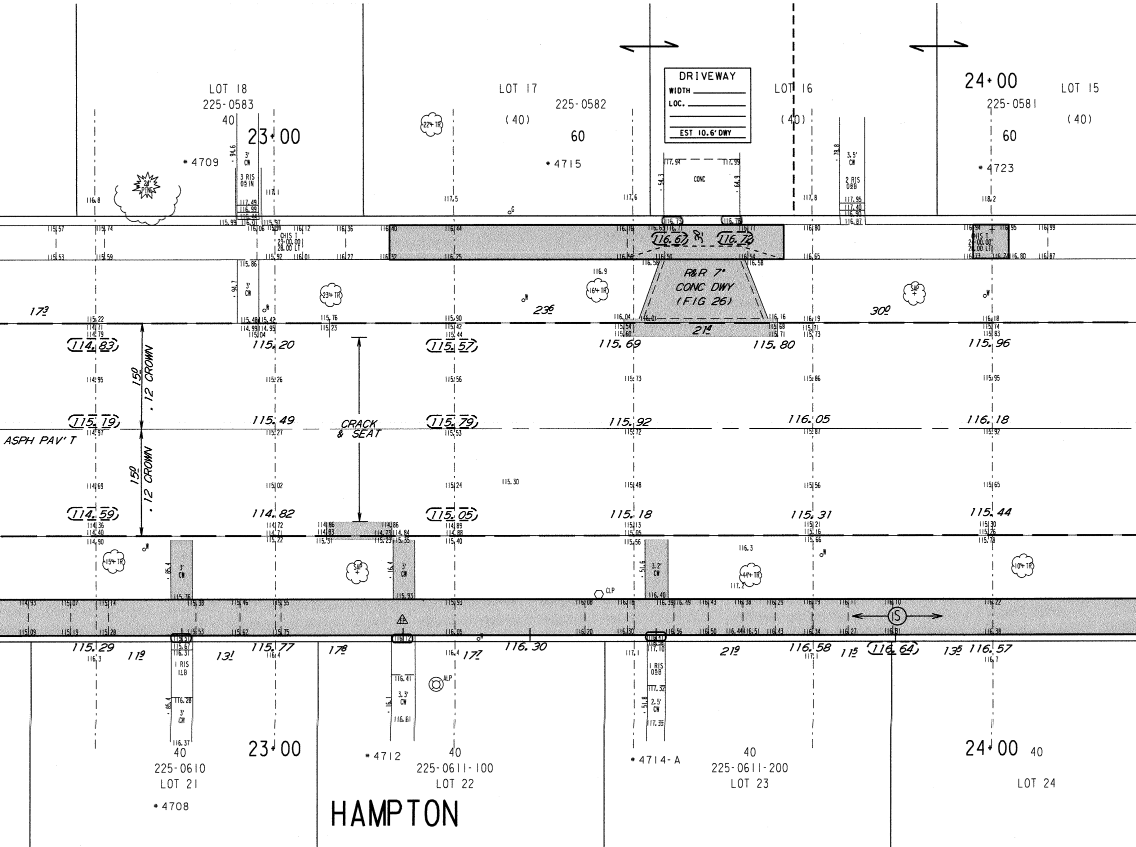
DATE / TO	11/20/14	5/24/15				
ESTIMATING	1					
HOLLOW WALKS	1					
PUBLIC HEARING	1					
CONSTRUCTION	1	6				
SEWER	1					
WATER	1					
STREET LIGHTING	1					
BLDG. SEWERS						
MEASURING		1				
FIELD						
DISTRICT FILE	2					
FORESTRY	1					
W.E. / G.O.						
WIS. GAS CO.						
TRANSIT SYSTEM						
CABLE TV						
UND. GRD. COND.	1					
WATER DIST.	1					
WEPCO N/S						
WEPCO S/S						
SEWER SERVICES						
UTILITY COOR.	1					
TrafficEng Rm 506	1	6				
PLAN SIZE	12" X 117"					

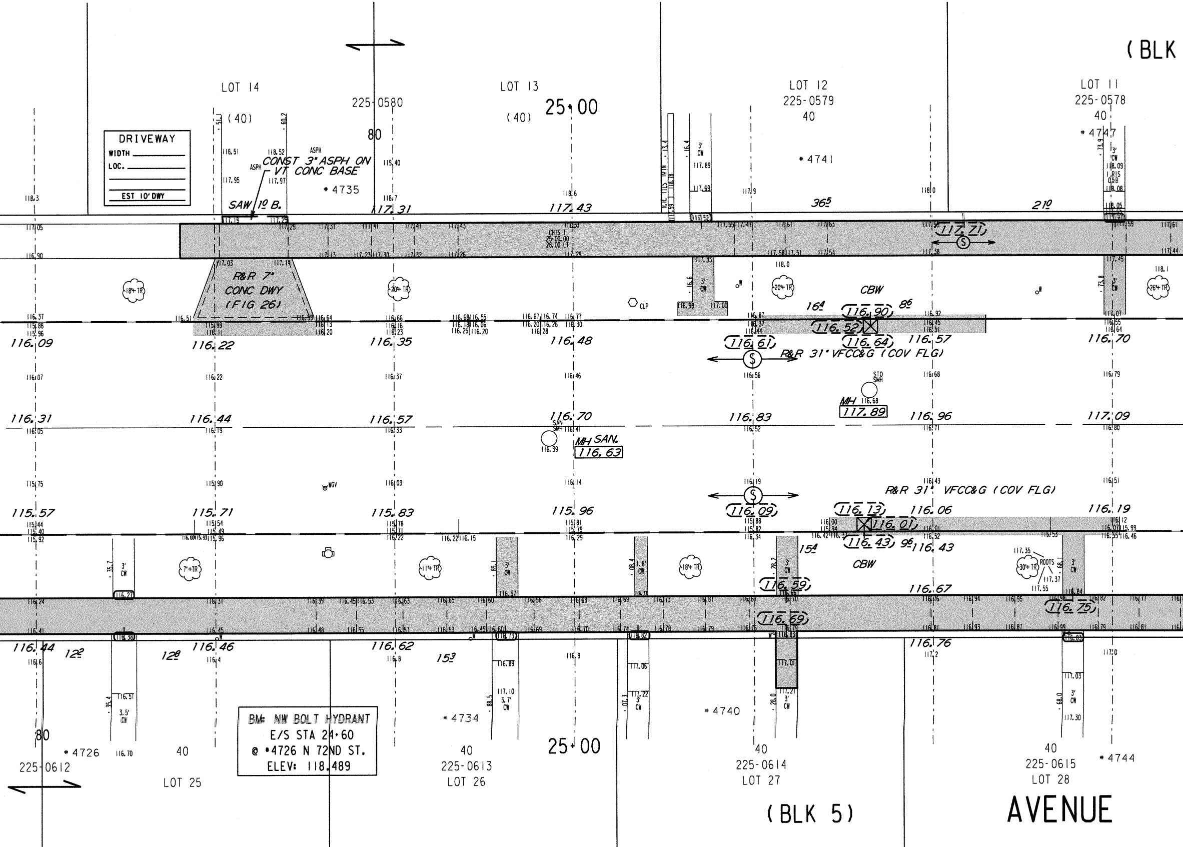

W GLENDALE AVE
W COURTLAND AVE

EROSION CONTROL AND C.B. REQUISITION PLAN

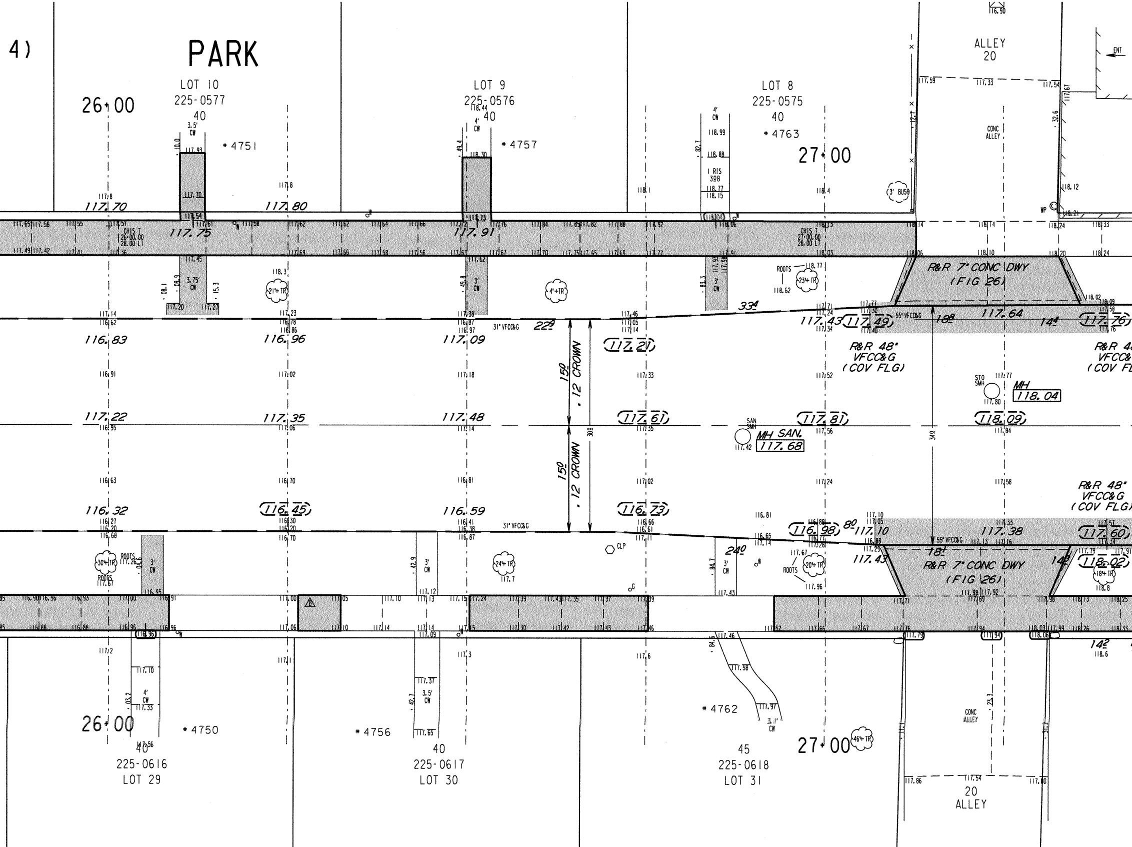
	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	☐ NO WORK
SHEET TOTAL	8	4	6	4	

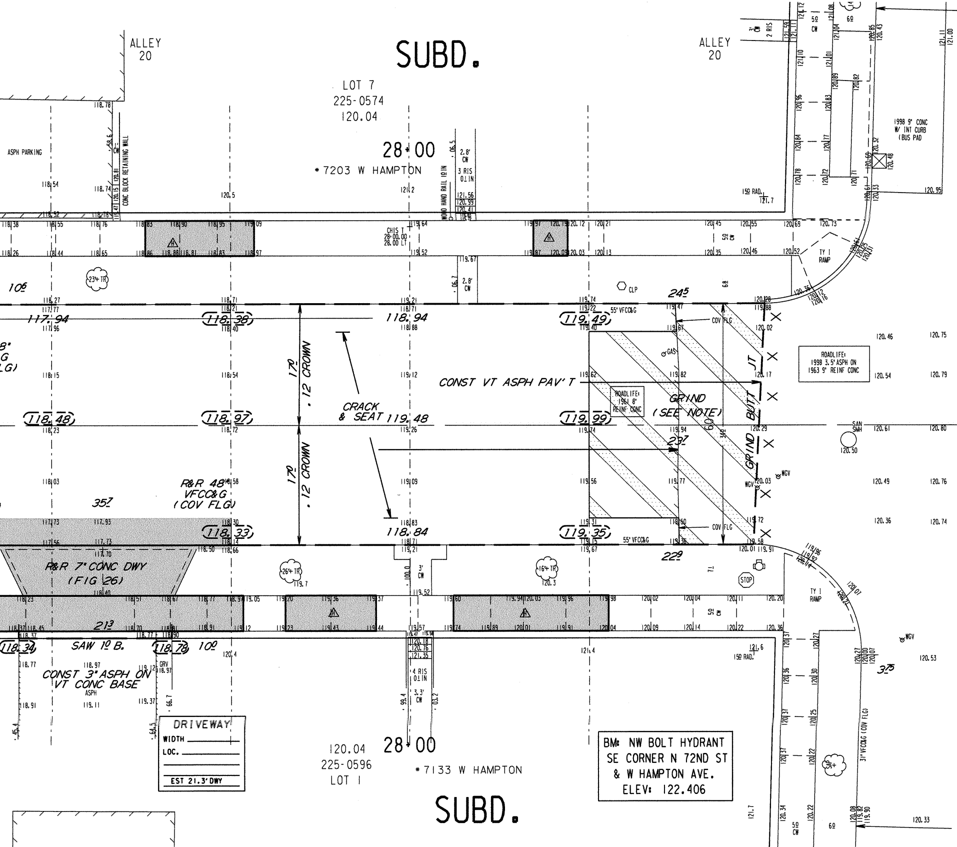

HAMPTON
RK
AVE.
LOT 19
225-0584
50.17
* 7206
GRIND BUTT JT
GRIND (SEE NOTE)
22+00
CONST. 15Q RAD.
RESET CB
R&R 31" VFCC&G (COV FLG)
CRACK & SEAT
CONST 8" CONC BASE
.04 CROWN
END .12 CROWN
N 72ND ST
CONST VT
MH 113.69
MH 114.40
MH SAN. 114.18
ROADLIFE: 1961 8" REINF CONC
ROADLIFE: 1960 8" REINF CONC
ROADLIFE: 1961 8" REINF CONCRETE
SEE SHEET 3 OF 4
GRIND (SEE NOTE) & CONST VT ASPH
W COURTLAND
GRIND BUTT JT
BM: NW BOLT HYDRANT SE CORNER N 72ND ST & W COURTLAND AVE. ELEV: 114.564
45.17
225-0609
LOT 20
* 7130 W COURTLAND
STOP
TY I RAMP
60
30Q

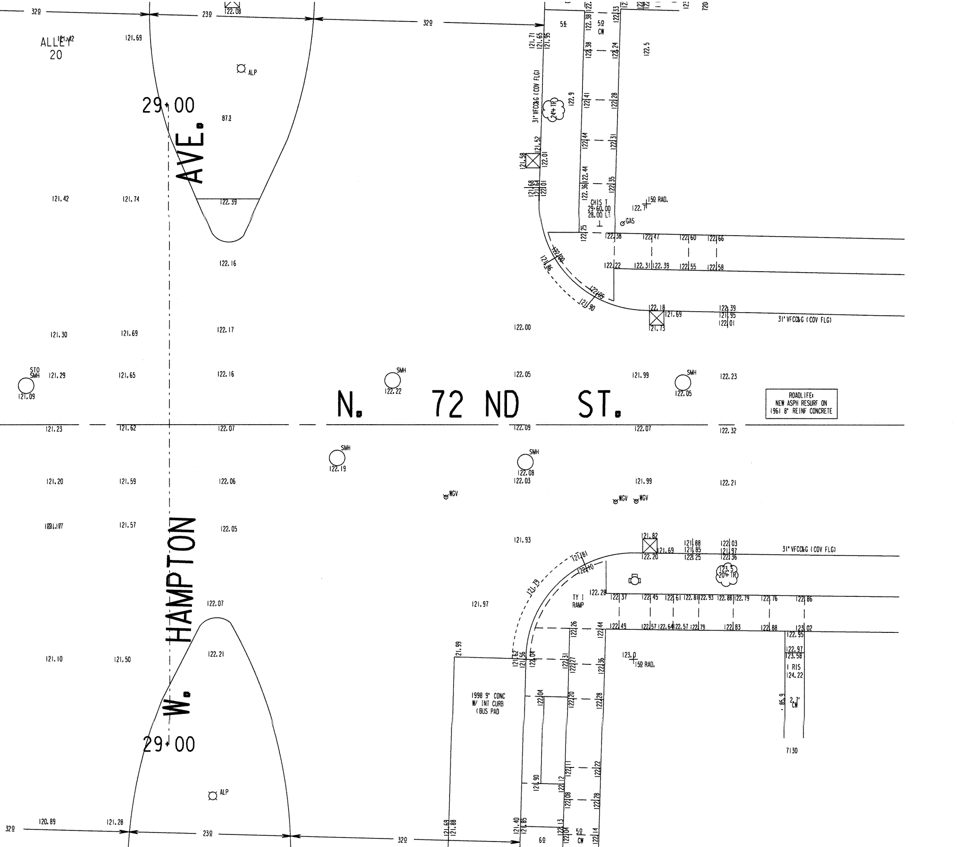

LOT 18
225-0583
40
23+00
* 4709
24" PINE
3' CW
3 RIS 05 IN
LOT 17
225-0582
(40)
60
* 4715
22"+ TR
DRIVEWAY
WIDTH
LOC.
EST 10.6' DWY
CONC
LOT 16
(40)
3.5' CW
2 RIS 08B
24+00
LOT 15
225-0581
(40)
60
* 4723
CHIS T 23+00.00 28.00 LT
CHIS T 24+00.00 24.00 LT
116.67
116.72
R&R 7" CONC DWY (FIG 26)
16"+ TR
23"+ TR
SAP
17.3
23.6
30.0
21.4
114.83
115.20
115.57
115.69
115.80
115.96
15.0 .12 CROWN
115.19
115.49
115.79
115.92
116.05
116.18
ASPH PAV'T
CRACK & SEAT
114.59
114.82
115.05
115.18
115.31
115.44
15"+ TR
44"+ TR
10"+ TR
3' CW
3.2' CW
CLP
IS
115.29
11.9
13.1
115.77
17.8
17.7
116.30
21.9
116.58
11.5
116.64
13.5
116.57
1 RIS 11B
ALP
3.3' CW
1 RIS 05B
2.5' CW
40
225-0610
LOT 21
* 4708
* 4712
225-0611-100
LOT 22
* 4714-A
225-0611-200
LOT 23
LOT 24
HAMPTON

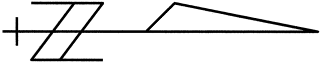


(BLK
LOT 14
225-0580
LOT 13
25+00
LOT 12
225-0579
40
LOT 11
225-0578
40
(40)
(40)
80
DRIVEWAY
WIDTH
LOC.
EST 10' DWY
CONST 3" ASPH ON VT CONC BASE
ASPH
SAW 1½ B.
* 4735
* 4741
* 4747
117.31
117.43
36⁵
21⁰
117.71
CHIS T 25+00.00 28.00 LT
R&R 7" CONC DWY (FIG 26)
CLP
CBW
16⁴
8⁶
116.90
116.52
116.64
116.61
116.57
116.70
116.09
116.22
116.35
116.48
R&R 31" VFCC&G (COV FLG)
STO SMH
MH 117.89
116.31
116.44
116.57
116.70
116.83
116.96
117.09
SAN SMH
MH SAN. 116.63
WGV
115.57
115.71
115.83
115.96
116.09
116.13
116.01
116.06
116.19
R&R 31" VFCC&G (COV FLG)
116.43
9⁶
116.43
15⁴
CBW
116.59
116.67
116.75
116.69
ROOTS
116.44
12²
12⁸
116.46
116.62
15³
116.76
BM: NW BOLT HYDRANT
E/S STA 24+60
@ *4726 N 72ND ST.
ELEV: 118.489
* 4734
* 4740
* 4744
* 4726
80
225-0612
40
LOT 25
25+00
40
225-0613
LOT 26
40
225-0614
LOT 27
40
225-0615
LOT 28
(BLK 5)
AVENUE


4)
PARK
LOT 10
225-0577
40
* 4751
LOT 9
225-0576
40
* 4757
LOT 8
225-0575
40
* 4763
ALLEY
20
ENT
CONC ALLEY
26+00
27+00
117.70
117.75
117.80
117.91
CHIS T 26+00.00 28.00 LT
CHIS T 27+00.00 28.00 LT
3.5' CW
4' CW
3.75' CW
3' CW
1 RIS 398
3' BUSH
WP
ROOTS
21+ TR
4'+TR
23+ TR
R&R 7" CONC DWY (FIG 26)
R&R 7" CONC DWY (FIG 26)
55' VFCC&G
31' VFCC&G
22⁰
33⁴
18⁸
14⁴
18¹
14⁸
24⁰
8⁰
14²
117.43
117.49
117.64
117.76
R&R 48" VFCC&G (COV FLG)
R&R 48" VFCC&G (COV FLG)
R&R 48" VFCC&G (COV FLG)
116.83
116.96
117.09
117.21
15⁰ .12 CROWN
15⁰ .12 CROWN
30⁰
34⁰
STO SMH
MH 118.04
117.22
117.35
117.48
117.61
117.81
118.09
SAN SMH
MH SAN. 117.68
116.32
116.45
116.59
116.73
116.98
117.10
117.38
117.60
117.43
118.02
CLP
30+ TR
24+ TR
20+ TR
18+ TR
46+ TR
4' CW
3.5' CW
3' CW
3.5' CW
* 4750
* 4756
* 4762
40
225-0616
LOT 29
40
225-0617
LOT 30
45
225-0618
LOT 31
20
ALLEY
CONC ALLEY


ALLEY 20
SUBD.
LOT 7
225-0574
120.04
ALLEY 20
ASPH PARKING
CONC BLOCK RETAINING WALL
28+00
*7203 W HAMPTON
WOOD HAND RAIL 10 IN
2.8' CW
3 RIS 0 IN
15 RAD.
1998 9" CONC W/ INT CURB (BUS PAD)
CHIS T 28+00.00 28.00 LT
2.8' CW
5 CW
TY I RAMP
CLP
10.6
24.5
6.8
55' VFCC&G
COV FLG
GAS
117.94
118.38
118.94
119.49
8"
G
LG)
1.7 .12 CROWN
CRACK & SEAT
CONST VT ASPH PAV'T
ROADLIFE: 1961 8" REINF CONC
GRIND (SEE NOTE)
JT
BUTT
GRIND
ROADLIFE: 1998 3.5" ASPH ON 1963 9" REINF CONC
118.48
118.97
119.48
119.99
SAN SMH
120.50
23.7
6.0
34.0
WGV
R&R 48" VFCC&G (COV FLG)
35.7
118.33
118.84
119.35
55' VFCC&G
COV FLG
R&R 7" CONC DWY (FIG 26)
26" TR
3' CW
16" TR
22.9
STOP
TY I RAMP
21.3
SAW 1.0 B.
10.0
CONST 3" ASPH ON VT CONC BASE
ASPH
GRV
4 RIS 0 IN
3.3' CW
15 RAD.
3.75
31' VFCC&G (COV FLG)
SAP
DRIVEWAY
WIDTH
LOC.
EST 21.3' DWY
120.04
225-0596
LOT 1
28+00
*7133 W HAMPTON
SUBD.
BM: NW BOLT HYDRANT SE CORNER N 72ND ST & W HAMPTON AVE. ELEV: 122.406
5.0 CW
6.0


ALLEY
20
32'
23'
29+00
AVE.
W.
HAMPTON
29+00
N. 72 ND ST.
ROADLIFE:
NEW ASPH RESURF ON
1961 8" REINF CONCRETE
31' VFCC&G (COV FLG)
31' VFCC&G (COV FLG)
31' VFCC&G (COV FLG)
CHIS T
29+60.00
28.00 LT
15' RAD.
15' RAD.
GAS
ALP
ALP
STO
SMH
SMH
SMH
SMH
SMH
SMH
WGV
WGV
WGV
24"+ TR
20"+ TR
TY 1
RAMP
1998 9" CONC
W/ INT CURB
(BUS PAD)
1 RIS
124.22
5' CW
5' CW
5'
6'
2.7' CW
7130
87'
121.09
122.22
122.05
122.19
122.08
121.42
121.74
122.39
122.16
122.17
121.30
121.69
122.00
121.29
121.65
122.16
122.05
121.99
122.23
121.23
121.62
122.07
122.09
122.07
122.32
121.20
121.59
122.06
122.03
121.99
122.21
121.57
122.05
121.93
122.07
121.97
121.10
121.50
122.21
120.89
121.28
123.5
123.0



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.*

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

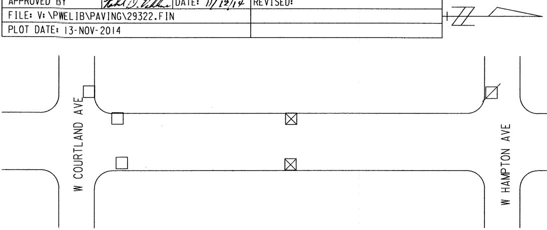
ESTIMATE / CERTIFICATE QUANTITIES

	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						

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN					FILE NO. 206
PLAN OF: N 72ND ST - W CONGRESS ST TO W HAMPTON AVE					
					4700N, 7200W
THIS SECTION: W COURTLAND AVE TO W HAMPTON AVE					
DRAWN BY	G.LANGE	DATE: 9-29-14	PROJECT NO.		
DESCRIPTIONS BY	G.LANGE	DATE: 9-29-14	ST211 14 0132	SHEET 4 OF 4	
LEVELS BY	KLINKIEWICZ	DATE: 4/28/14	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	KLINKIEWICZ	DATE: 4/28/14	1" = 10'	225	2
DESIGNED BY	S. CULL	DATE: 7/25/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. CULL	DATE: 7/25/14	REVISED:		
CHECKED BY	D. Ulatowski	DATE: 11/19/14	REVISED:		
APPROVED BY		DATE: 11/19/14	REVISED:		
FILE: V:\PWELIB\PAVING\29322.FIN					
PLOT DATE: 13-NOV-2014					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 2	RESET- 3	ABANDON- 0
PROJECT IN (SEPARATED) AREA		



W COURTLAND AVE
W HAMPTON AVE

TO \ DATE	11/20/14	7/24/15			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS					
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.					
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic Eng	1				
Room 506		6			
PLAN SIZE	12" X 117"				

EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	☒ - CBW	☐ - RESET	╳ - ABANDON	⊘
SHEET TOTAL	6	2	3	0	NO WORK