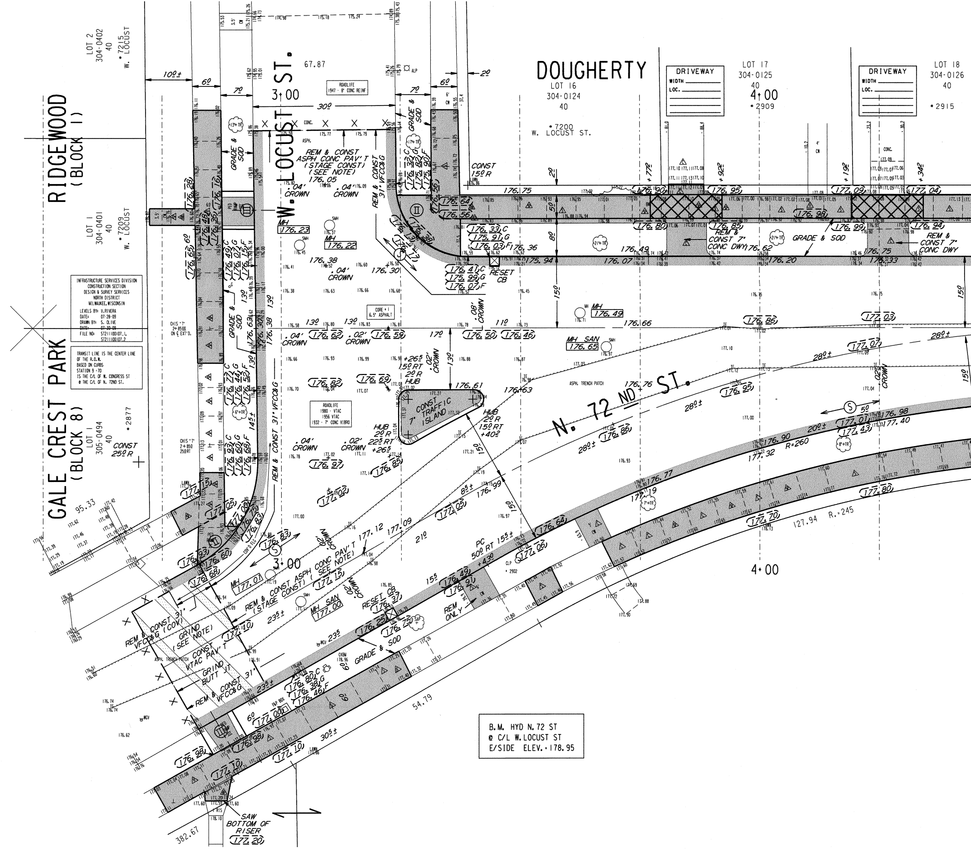


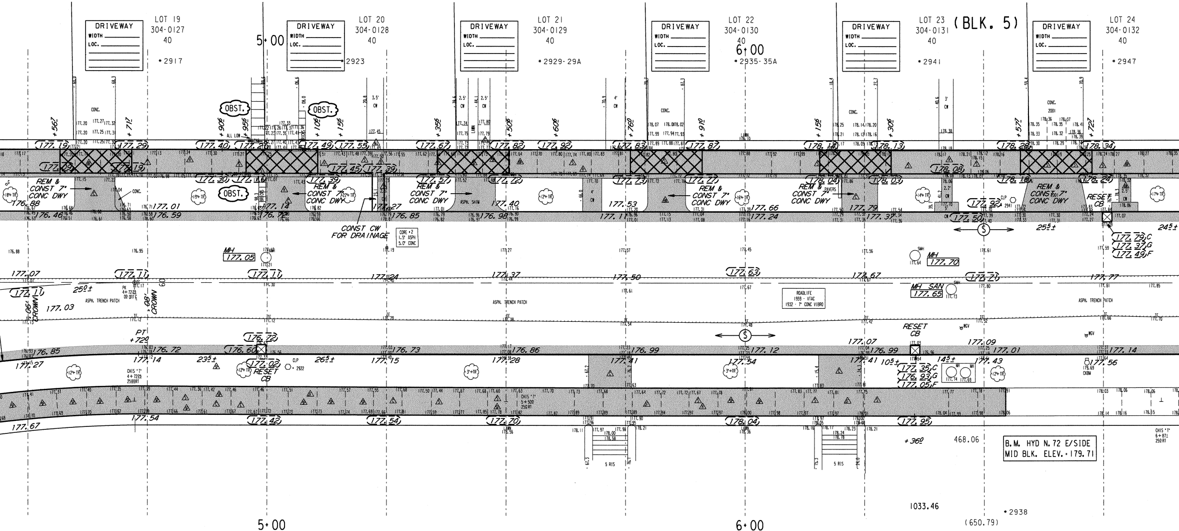
W. LOCUST ST.
N. 72ND ST.
RIDGEWOOD (BLOCK 1)
GALE CREST PARK (BLOCK 8)
DOUGHERTY
LOT 2 304-0402 40 *7215 W. LOCUST
LOT 1 304-0401 40 *7209 W. LOCUST
LOT 1 305-0494 40 *2877
LOT 16 304-0124 40 *7200 W. LOCUST ST.
LOT 17 304-0125 40 *2909
LOT 18 304-0126 40 *2915
DRIVEWAY WIDTH LOC.
ROADLIFE 1947 - 8" CONC REINF
ROADLIFE 1980 - VTAC 1956 VTAC 1932 - 7" CONC VIBRO
CORE #1 6.5" ASPHALT
REM & CONST ASPH CONC PAV'T (STAGE CONST) (SEE NOTE)
REM & CONST 31' VFCC&G
CONST 7" TRAFFIC ISLAND
REM & CONST 7" CONC DWY
GRADE & SOD
RESET CB
MH SAN
GRIND (SEE NOTE)
CONST VTAC PAV'T
GRIND BUTT JT
REM ONLY
SAW BOTTOM OF RISER 177.20
CONST 25º R
CONST 15º R
PC 50º RT 15º± +4.30
R=260
R.=245
3+00
4+00
67.87
95.33
54.79
127.94
382.67

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

LEVELS BY: V.RIVERA
DATE: 07-28-09
DRAWN BY: S. OLIVE
DATE: 07-30-09
FILE NO: ST211100107_1, ST211100107_2

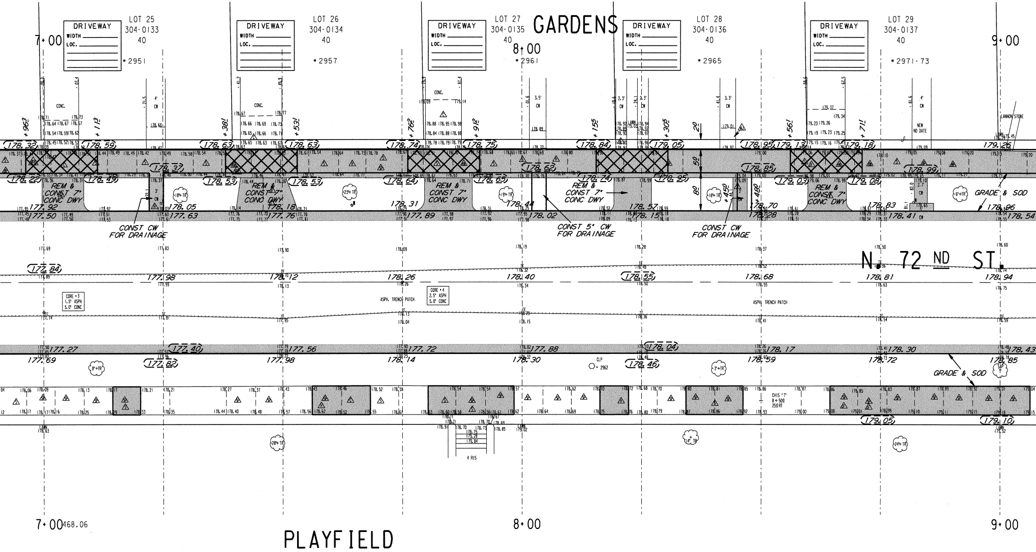
TRANSIT LINE IS THE CENTER LINE
OF THE R.O.W.
BASED ON CURBS
STATION 9 +70
IS THE C/L OF W. CONGRESS ST
@ THE C/L OF N. 72ND ST.

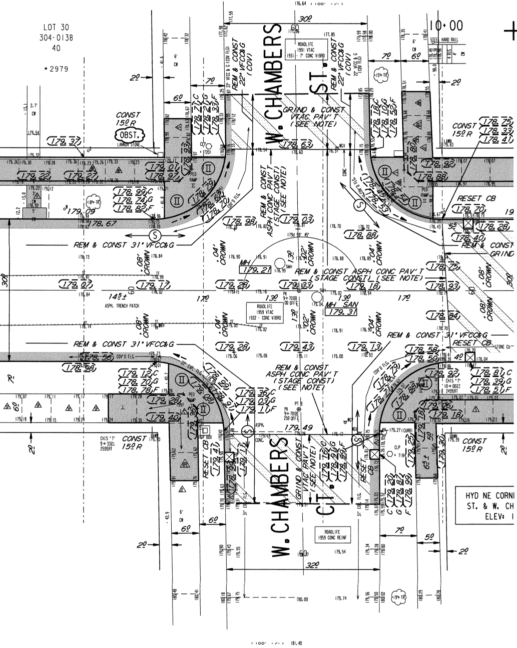
B.M. HYD N.72 ST
@ C/L W.LOCUST ST
E/SIDE ELEV. = 178.95

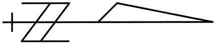

LOT 19
304-0127
40
•2917
LOT 20
304-0128
40
•2923
LOT 21
304-0129
40
•2929-29A
LOT 22
304-0130
40
•2935-35A
LOT 23
304-0131
40
(BLK. 5)
•2941
LOT 24
304-0132
40
•2947
DRIVEWAY
WIDTH
LOC.
5+00
6+00
OBST.
ALL LOW
CONC.
REM & CONST 7" CONC DWY
CONST CW FOR DRAINAGE
CORE • 2 1.5" ASPH 5.0" CONC
ASPH. SHIM
PAVERS
MH 177.05
MH 177.70
MH SAN 177.65
RESET CB
ASPH. TRENCH PATCH
ROADLIFE 1959 - VTAC 1932 - 7" CONC VIBRO
PK 4+722
.06' CROWN
.08' CROWN
PT +72
CHIS "T" 4+722 25' RT
CHIS "T" 5+500 25' RT
CHIS "T" 6+871 25' RT
CLP
CKBM
5 RIS
LAWN
250±
235±
265±
255±
245±
105±
145±
+36
468.06
1033.46
(650.79)
•2938
•2922
304-0493-110-9
B.M. HYD N.72 E/SIDE MID BLK. ELEV.=179.71

ENDERIS

(CITY OF MILWAUKEE)


GARDENS
LOT 25 304-0133 40 *2951
LOT 26 304-0134 40 *2957
LOT 27 304-0135 40 *2961
LOT 28 304-0136 40 *2965
LOT 29 304-0137 40 *2971-73
DRIVEWAY WIDTH LOC.
7+00
8+00
9+00
REM & CONST 7" CONC DWY
CONST CW FOR DRAINAGE
CONST 5" CW FOR DRAINAGE
GRADE & SOD
LANNON STONE
NEW NO DATE
N. 72 ND ST.
CORE #3 1.5" ASPH 5.0" CONC
CORE #4 2.5" ASPH 5.0" CONC
ASPH. TRENCH PATCH
CLP *2962
CHIS "T" 8+509 259RT
4 RIS
7+00 468.06
PLAYFIELD
178.32
178.59
178.63
178.63
178.74
178.75
178.84
179.05
178.95
179.13
179.18
179.26
178.22
178.49
178.37
178.53
178.53
178.64
178.65
178.62
178.74
178.95
178.85
179.03
179.08
178.99
177.92
177.50
178.05
177.63
178.18
177.76
178.31
177.89
178.44
178.02
178.57
178.15
178.70
178.28
178.83
178.41
178.96
178.54
177.84
177.98
178.12
178.26
178.40
178.55
178.68
178.81
178.94
177.27
177.40
177.56
177.72
177.88
178.04
178.17
178.30
178.43
177.69
177.82
177.98
178.14
178.30
178.46
178.59
178.72
178.85
179.05
179.10


LOT 30
304-0138
40
*2979
W. CHAMBERS ST.
W. CHAMBERS CT.
10+00
30.0
32.0
CONST 15.0 R
OBST.
GRIND & CONST VTAC PAV'T (SEE NOTE)
REM & CONST ASPH CONC PAV'T (STAGE CONST) (SEE NOTE)
REM & CONST 31" VFCC&G
REM & CONST 22" VFCC&G (COV)
RESET CB
MH 179.21
MH SAN 179.31
.04' CROWN
.08' CROWN
.02' CROWN
14.5±
ASPH. TRENCH PATCH
ROADLIFE 1959 VTAC 1932 - CONC VIBRO
ROADLIFE 1991 VTAC 1931 - 7" CONC VIBRO
ROADLIFE 1959 CONC REINF
HYD NE CORN
ST. & W. CH
ELEV:

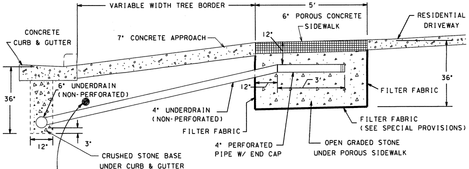


NOTES :

- (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.
- NEW ASPH CONC PAVEMENT (STAGE CONST) SHALL CONSIST OF:
  1-1/2" ASPH CONC PAV'T ON
  3" ASPH CONC BINDER ON
  6" CRUSHED STONE BASE
- PITCH FLANGE 0.08' UNLESS OTHERWISE SHOWN.
- GRADE & SOD ENTIRE AREA BETWEEN CURB AND WALK.
- PROJECT IS DESIGNED FOR 2-13' PASSES WITH CROWNS AS SHOWN.
- GRINDING OF THE EXISTING ASPHALT ROADWAY WHERE NECESSARY TO OBTAIN 0.12' ALONG THE FLANGE, 0.17' AT BUTT JOINTS AND 0.21' MINIMUM ELSEWHERE.
- ANY TREES TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED "SAN" (SANITARY).
- ▨ 6" POROUS CONCRETE WALK PANELS
- SEE UTILITY PLAN FOR LIMITS OF 6" UNDERDRAIN

SEE SHEET 2 OF 2

6" POROUS CONCRETE SIDEWALK


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

CAUTION - BES CABLE
(18"± BELOW THE TOP OF CURB)

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.						
☒	6' CONCRETE WALK - POROUS	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.						
☒	7' CONC TRAFFIC ISLAND	S.F.						
☒	CRUSHED STONE BASE	S.Y.						
☒	OPEN GRADED STONE							
☒	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.						

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

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

FILE NO. 320

PLAN OF: N. 72 ND ST. 2900 N

W. LOCUST ST. TO W. BURLEIGH ST.

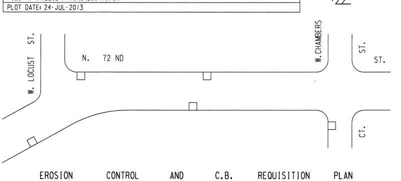
THIS SECTION: W. LOCUST ST. TO W. CHAMBERS ST./CT.

DRAWN BY	M.VOJVODICH	DATE: 3-25-09	PROJECT NO. ST211100107	SHEET 1 OF 2	
DESCRIPTIONS BY	M.VOJVODICH	DATE: 3-25-09			
LEVELS BY	V. RIVERA	DATE: 6-09	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	304	10
DESIGNED BY	J. WINIARSKI	DATE: 10-14-09	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. BIEGANSKI	DATE: 11-30-12	REVISED: POROUS WALK, JANACEK-6/2013		
CHECKED BY	D. ULATOWSKI	DATE: 7/26/13	REVISED:		
APPROVED BY		DATE: 7/31/13	REVISED:		

FILE: V:\PWELIB\PAVING\28941.FIN
PLOT DATE: 24-JUL-2013

THIS SHEET

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

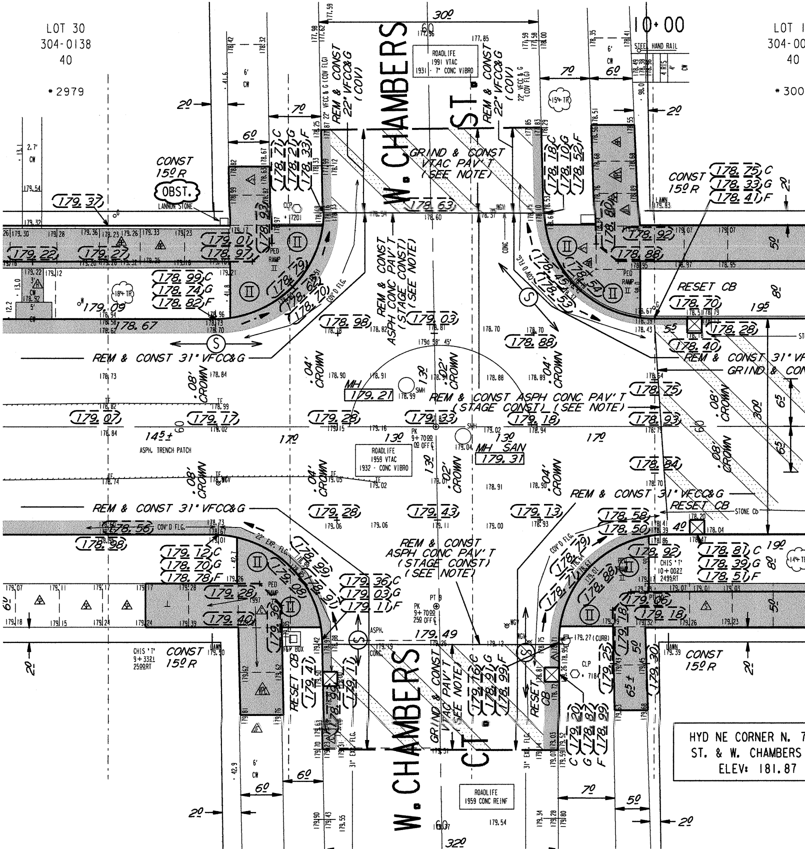

W. LOCUST ST.
N. 72 ND
W.CHAMBERS
ST.
ST.
CT.

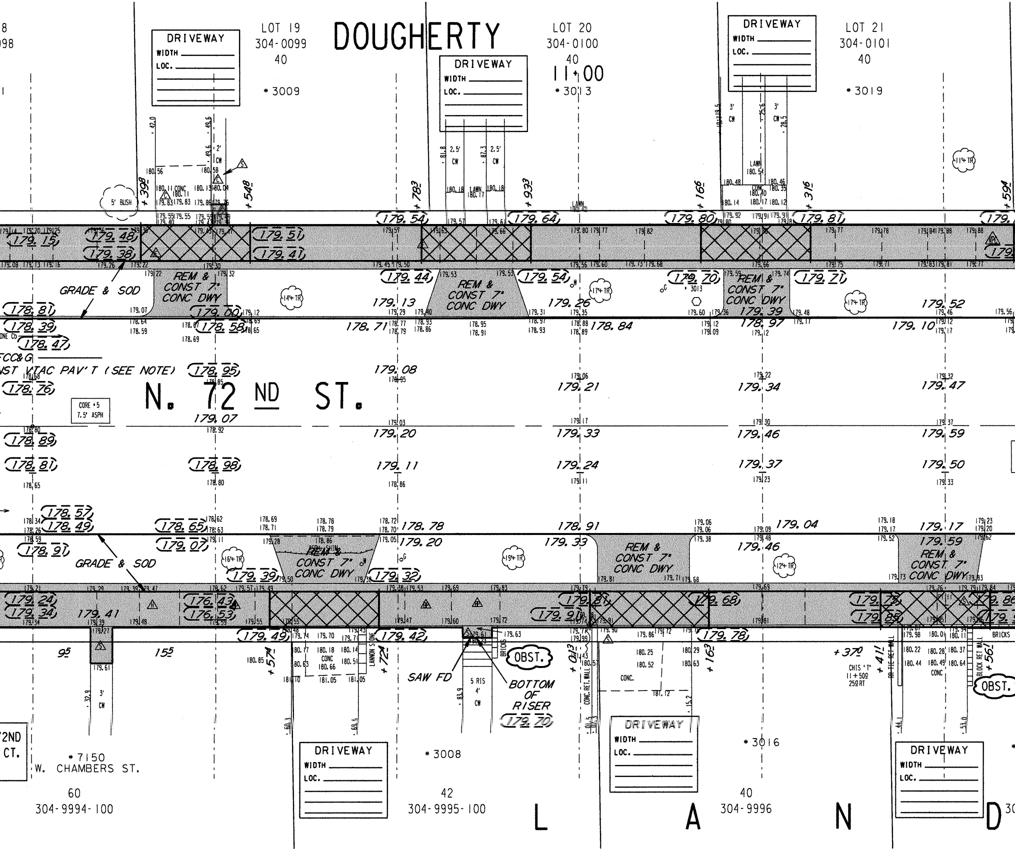
EROSION CONTROL AND C.B. REQUISITION PLAN

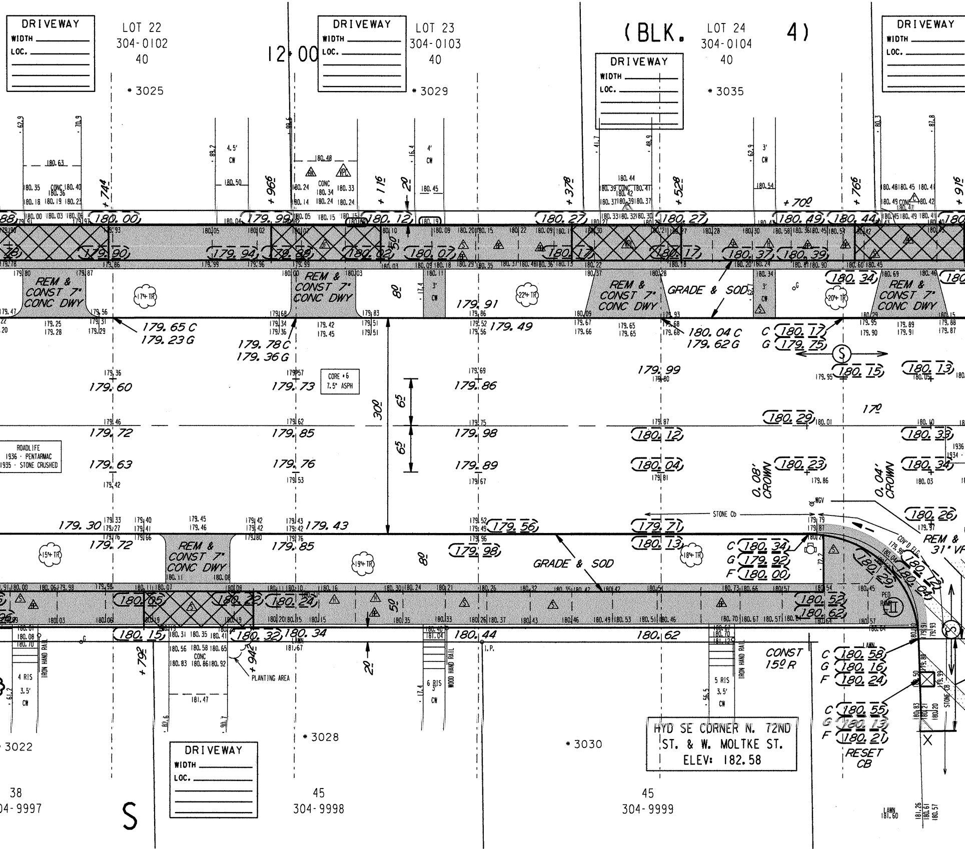
	TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	☒ NO WORK
THIS SHEET	17	0	5	0	
PROJECT TOTAL	23	0	10	0	

TO \ DATE	8/1/13				
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1				
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING					
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				
PLAN SIZE					

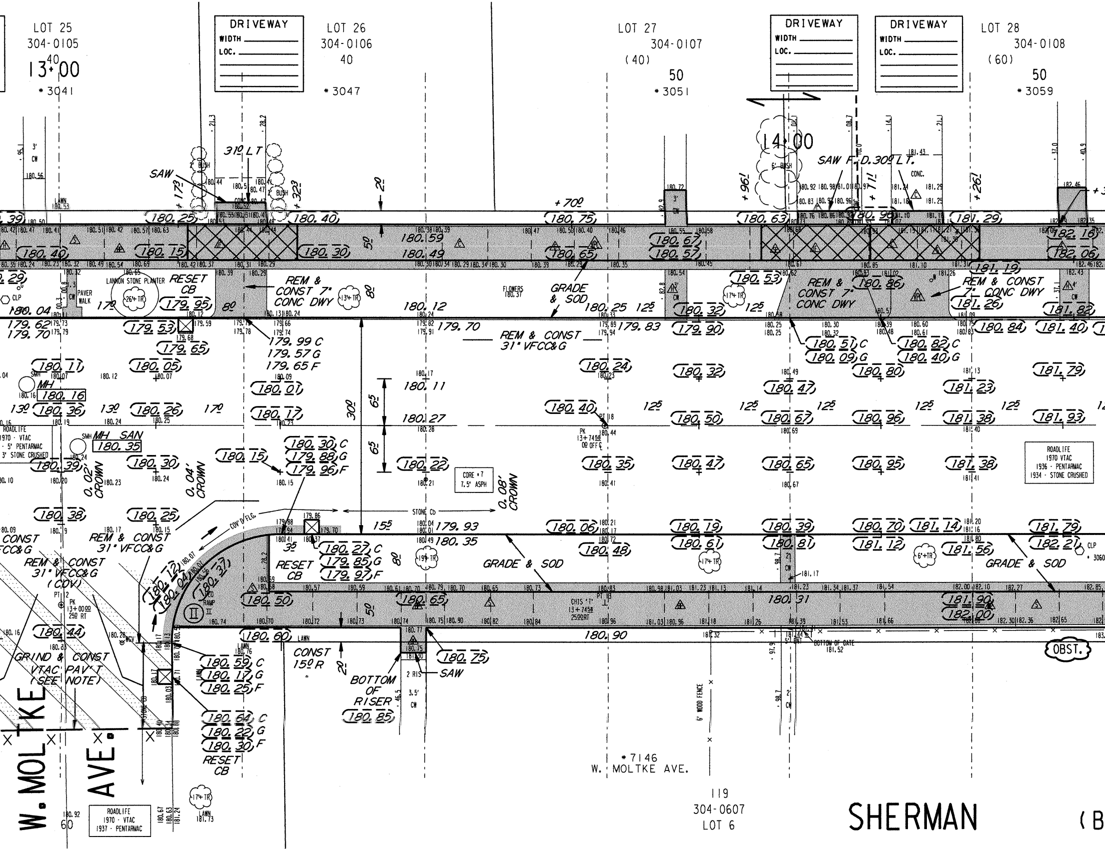
SEE SHEET
1 OF 2

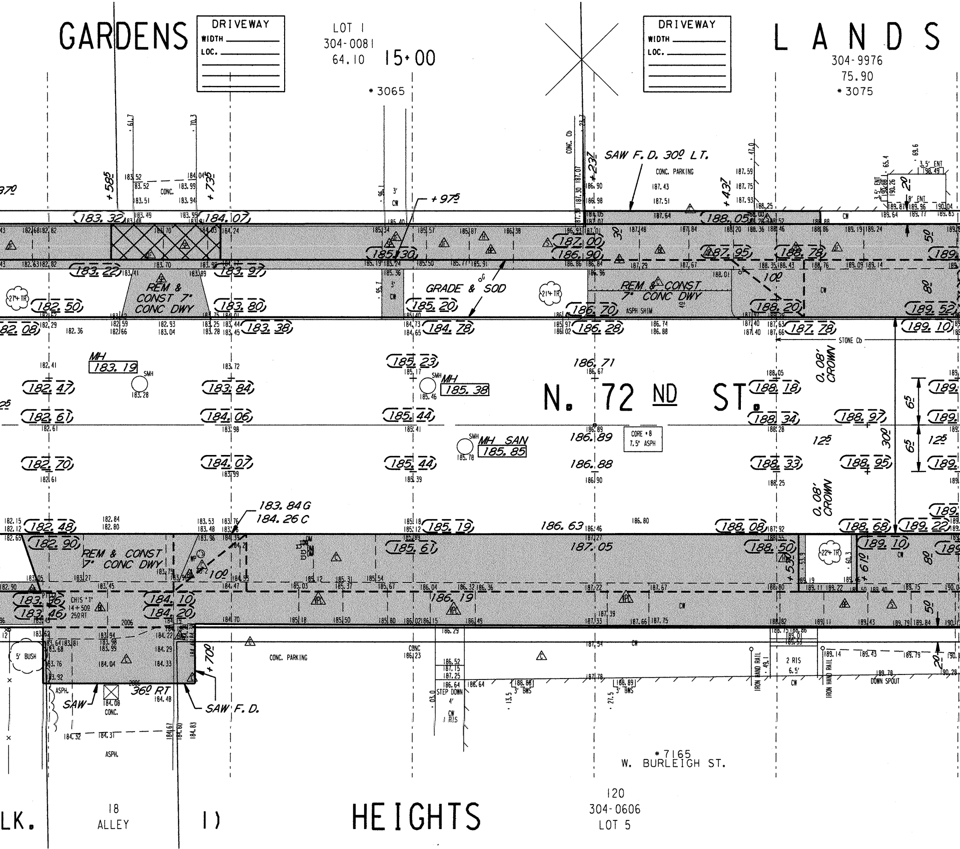

LOT 30
304-0138
40
*2979
LOT I
304-00
40
*300
10+00
W. CHAMBERS ST.
W. CHAMBERS CT.
ROADLIFE
1991 VTAC
1931 - 7" CONC VIBRO
ROADLIFE
1959 VTAC
1932 - CONC VIBRO
ROADLIFE
1959 CONC REINF
REM & CONST 22" VFCC&G (COV)
GRIND & CONST VTAC PAV'T (SEE NOTE)
REM & CONST ASPH CONC PAV'T (STAGE CONST) (SEE NOTE)
REM & CONST ASPH CONC PAV'T (STAGE CONST) (SEE NOTE)
REM & CONST 31" VFCC&G
REM & CONST 31" VFCC&G
REM & CONST 31" VFCC&G
REM & CONST 31" VF
GRIND & CON
CONST 15.0 R
OBST.
LANNON STONE
RESET CB
RESET CB
RESET CB
RESET CB
STONE Cb
STEEL HAND RAIL
PED RAMP
MH 179.21
MH SAN 179.31
145± ASPH. TRENCH PATCH
.08' CROWN
.04' CROWN
.02' CROWN
CHIS 'T' 9+33.21 25.00RT
CHIS 'T' 10+00.27 24.95RT
PK 9+70.00 0.0 OFF ℄
PK 9+70.00 25.0 OFF ℄
179.49
HYD NE CORNER N. 7
ST. & W. CHAMBERS
ELEV: 181.87

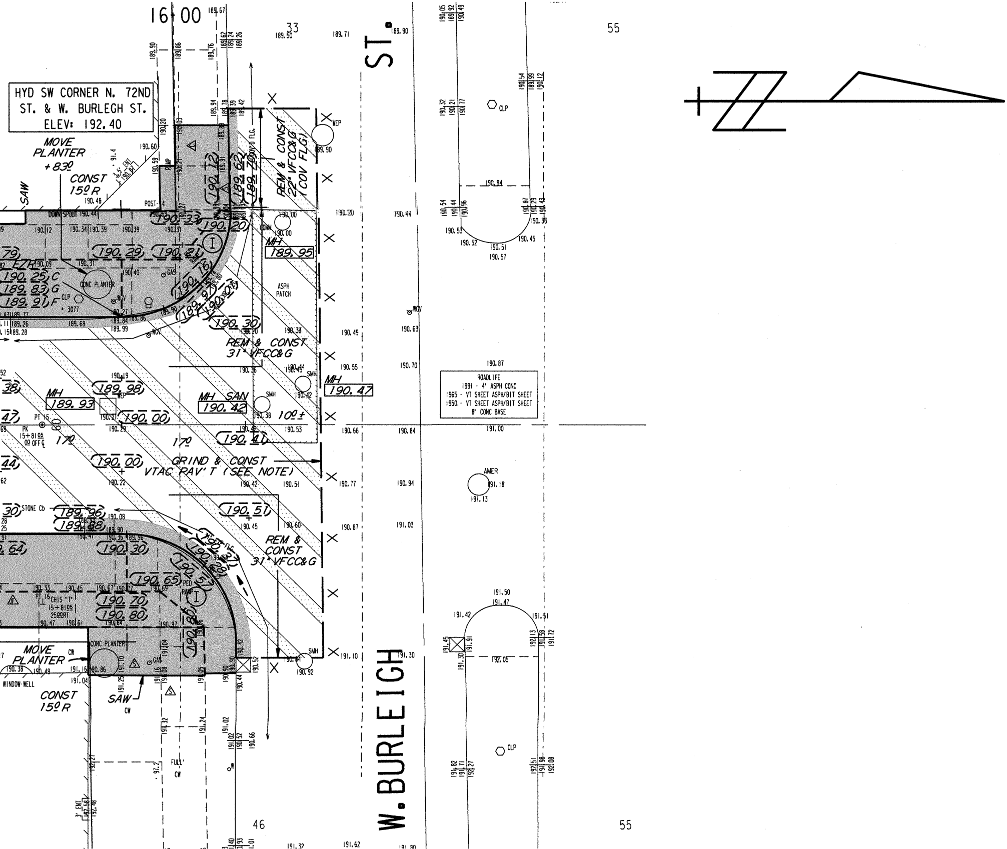

DOUGHERTY
LOT 19
304-0099
40
*3009
LOT 20
304-0100
40
11+00
*3013
LOT 21
304-0101
40
*3019
DRIVEWAY
WIDTH
LOC.
5' BUSH
+398
+548
+783
+933
+166
+316
+594
REM & CONST 7" CONC DWY
GRADE & SOD
FCC&G
NST VTAC PAV'T (SEE NOTE)
N. 72 ND ST.
CORE #5
7.5' ASPH
14" TR
17" TR
16" TR
19" TR
12" TR
11" TR
179.54
179.64
179.80
179.81
179.48
179.38
179.15
179.51
179.41
179.44
179.54
179.70
179.71
178.81
178.39
178.47
179.00
178.58
179.13
179.26
179.39
179.52
178.71
178.84
178.97
179.10
178.95
178.76
179.08
179.21
179.34
179.47
179.07
179.20
179.33
179.46
179.59
178.89
178.81
178.98
179.11
179.24
179.37
179.50
178.57
178.49
178.91
178.65
179.07
178.78
179.20
178.91
179.33
179.04
179.46
179.17
179.59
179.39
179.32
179.24
179.34
179.41
176.43
176.53
179.49
179.42
179.81
179.91
179.68
179.78
179.75
179.85
+574
+724
+013
+163
+370
+411
+561
SAW FD
BOTTOM OF RISER
179.70
OBST.
5 RIS
4'
CW
BRICKS
LANNON STONE
CONC. RET. WALL
RR TIE RET WALL
BLOCK RET WALL
CONC.
LAWN
CHIS 'T'
11+509
259 RT
9.5
15.5
72ND
CT.
*7150
W. CHAMBERS ST.
60
304-9994-100
*3008
42
304-9995-100
*3016
40
304-9996
L A N D



DRIVEWAY
WIDTH
LOC.
LOT 22
304-0102
40
* 3025
12+00
LOT 23
304-0103
40
* 3029
(BLK. 4)
LOT 24
304-0104
40
* 3035
4.5' CW
4' CW
3' CW
CONC
+74
+96
+11
+37
+52
+70
+76
+91
REM & CONST 7" CONC DWY
GRADE & SOD
179.65 C
179.23 G
179.78 C
179.36 G
180.04 C
179.62 G
CORE #6 7.5" ASPH
30
65
65
80
20
50
ROADLIFE
1936 - PENTARMAC
1935 - STONE CRUSHED
0.08' CROWN
0.04' CROWN
STONE Cb
WGV
COV'D FLG.
REM & 31" VF
PED RAMP
CONST 15.0 R
RESET CB
IRON HAND RAIL
WOOD HAND RAIL
4 RIS 3.5' CW
6 RIS 3' CW
5 RIS 3.5' CW
PLANTING AREA
LAWN
I.P.
HYD SE CORNER N. 72ND ST. & W. MOLTKE ST. ELEV: 182.58
* 3022
* 3028
* 3030
38
304-9997
45
304-9998
45
304-9999
S
15" TR
17" TR
19" TR
22" TR
18" TR
20" TR


LOT 25
304-0105
40
13+00
*3041
DRIVEWAY
WIDTH
LOC.
LOT 26
304-0106
40
*3047
LOT 27
304-0107
(40)
50
*3051
DRIVEWAY
WIDTH
LOC.
DRIVEWAY
WIDTH
LOC.
LOT 28
304-0108
(60)
50
*3059
14+00
SAW
31º LT
+17º
+32º
2' BUSH
2' BUSH
3' CW
180.56
LAWN
180.53
20
6' BUSH
SAW F.D.30º LT.
CONC.
+96º
+71º
+26º
+70º
3' CW
180.25
180.40
180.75
180.63
180.96
181.29
180.59
180.49
180.40
180.15
180.30
180.67
180.57
180.65
182.18
182.06
181.19
50
180.29
LANNON STONE PLANTER
26"+TR
RESET CB
179.95
PAVER WALK
17º
CLP
180.04
REM & CONST 7" CONC DWY
13"+TR
80
180.12
FLOWERS 180.37
GRADE & SOD
180.25
12º
180.32
179.90
180.53
17"+TR
REM & CONST 7" CONC DWY
180.86
REM & CONST 7" CONC DWY
181.26
181.82
179.62
179.70
179.53
179.65
179.99 C
179.57 G
179.65 F
179.70
REM & CONST 31" VFCC&G
179.83
180.51 C
180.09 G
180.82 C
180.40 G
180.84
181.40
180.11
SMH
180.05
180.24
180.32
180.47
180.80
181.23
181.79
MH
180.16
180.01
180.11
65
65
30º
180.36
13º
13º
180.26
17º
180.17
180.27
180.40
12º
12º
12º
12º
12º
180.50
180.67
180.96
181.38
181.93
ROADLIFE
1970 - VTAC
5" PENTARMAC
3" STONE CRUSHED
SMH
MH SAN
180.35
180.30 C
179.88 G
179.96 F
PK
13+74.58
0º OFF C
180.39
180.30
180.15
180.22
CORE * 7
7.5" ASPH
180.35
180.47
180.65
180.95
181.38
ROADLIFE
1970 VTAC
1936 - PENTARMAC
1934 - STONE CRUSHED
0.02' CROWN
0.04' CROWN
0.08' CROWN
180.38
180.25
STONE CB
COV'D FLG.
15º
179.93
180.35
180.06
180.19
180.39
180.70
181.14
181.79
CONST 31" VFCC&G
REM & CONST 31" VFCC&G
35
180.27 C
179.85 G
179.97 F
8º
19"+TR
180.48
180.61
180.81
181.12
181.56
182.21
CLP
*3060
REM & CONST 31" VFCC&G (COV)
180.72
180.04
180.37
RESET CB
GRADE & SOD
17"+TR
6"+TR
GRADE & SOD
PT 2
PK 13+00.00 25º RT
180.50
CURB RAMP
180.65
CHTS 'T' 13+74.58 25º RT
180.31
181.90
182.00
180.44
180.60
LAWN
180.90
OBST.
GRIND & CONST VTAC PAV'T (SEE NOTE)
180.59 C
180.17 G
180.25 F
CONST 15º R
2º
180.75
SAW
2 RIS
BOTTOM OF RISER
180.85
3.5' CW
BOTTOM OF GATE 181.52
2' CW
6' WOOD FENCE
180.64 C
180.22 G
180.30 F
RESET CB
STONE CB
W. MOLTKE AVE.
17"+TR
LAWN 181.73
ROADLIFE
1970 - VTAC
1937 - PENTARMAC
60
*7146
W. MOLTKE AVE.
119
304-0607
LOT 6
SHERMAN
(B


GARDENS
DRIVEWAY
WIDTH
LOC.
LOT 1
304-0081
64.10
15+00
*3065
DRIVEWAY
WIDTH
LOC.
LANDS
304-9976
75.90
*3075
+58.5
+73.5
CONC.
+97.5
CONC. Cb
+23.7
SAW F.D. 30° LT.
CONC. PARKING
+43.7
3.5' ENT
8' ENT
183.32
184.07
183.22
183.97
185.30
187.00
186.90
187.95
188.05
188.78
REM & CONST 7" CONC DWY
GRADE & SOD
REM & CONST 7" CONC DWY
ASPH SHIM
27" TR
21" TR
182.50
183.80
185.20
186.70
188.20
189.52
182.08
183.38
184.78
186.28
187.78
189.10
10°
30°
STONE Cb
MH 183.19
SMH
182.47
183.84
185.23
MH 185.38
186.71
188.18
N. 72ND ST.
0.08' CROWN
182.61
184.06
185.44
186.89
188.34
188.97
CORE #8 7.5' ASPH
MH SAN 185.85
12.5
30.0
6.5
182.70
184.07
185.44
186.88
188.33
188.95
0.08' CROWN
183.84 G
184.26 C
182.48
185.19
186.63
188.08
188.68
189.22
182.90
REM & CONST 7" CONC DWY
185.61
187.05
188.50
189.10
22" TR
10°
183.36
183.46
CHIS 'T' 14+50.0 25.0 RT
184.10
184.20
186.19
+53.0
+61.0
5' BUSH
CONC. PARKING
CONC
STEP DOWN 4'
CW
1 RIS
3' BWS
IRON HAND RAIL
2 RIS 6.5'
DOWN SPOUT
+70.0
36° RT
SAW
SAW F.D.
ASPH.
CONC.
*7165
W. BURLEIGH ST.
LK.
18
ALLEY
HEIGHTS
120
304-0606
LOT 5


16+00
33
55
HYD SW CORNER N. 72ND ST. & W. BURLEGH ST. ELEV: 192.40
MOVE PLANTER +83.0
CONST 15.0 R
SAW
DOWN SPOUT
CONC PLANTER
CLP
GAS
WCV
RAMP
POST
REM & CONST 22" VFCC&G (COV FLG)
WEP
MH 189.95
ASPH PATCH
REM & CONST 31" VFCC&G
MH 189.93
MH SAN 190.42
SMH
MH 190.47
10.0 ±
PT 15
PK 15+81.05 0.0 OFF
17.0
GRIND & CONST VTAC PAV'T (SEE NOTE)
STONE Cb
REM & CONST 31" VFCC&G
PED RAMP
PT 16
CHIS "+" 15+81.05 25.00RT
MOVE PLANTER
CW
WINDOW WELL
CONST 15.0 R
SAW
FULL CW
3' ENT
ST.
W. BURLEIGH
ROADLIFE
1991 - 4" ASPH CONC
1965 - VT SHEET ASPH/BIT SHEET
1950 - VT SHEET ASPH/BIT SHEET
8" CONC BASE
AMER
CLP
46
55

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
△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. 321

PLAN OF: N. 72 ND ST.

W. LOCUST ST. TO W. BURLEIGH ST.

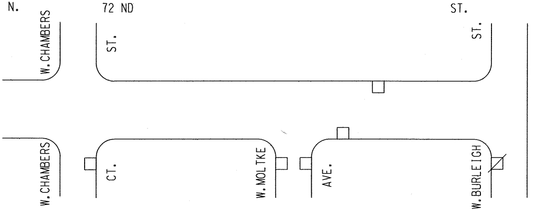
THIS SECTION: W. CHAMBERS ST./CT. TO W. BURLEIGH ST.

DRAWN BY	M. VOJVODICH	DATE: 3-25-09	PROJECT NO.		
DESCRIPTIONS BY	M. VOJVODICH	DATE: 3-25-09	ST211100107	SHEET 2 OF 2	
LEVELS BY	V. RIVERA	DATE: 6-09	SCALE	1/4 SEC.	ALD. DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	304	10
DESIGNED BY	J. WINIARSKI	DATE: 10-14-09	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. BIEGANSKI	DATE: 11-30-12	REVISED: POROUS WALK, JANACEK 6/2013		
CHECKED BY	D. Ukarowski	DATE: 7/26/13	REVISED:		
APPROVED BY		DATE: 7/31/13	REVISED:		
FILE: V:\PWELIB\PAVING\28941.FIN					
PLOT DATE: 24-JUL-2013					

THIS SHEET

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

TO \ DATE	8/1/13
ESTIMATING	1
HOLLOW WALKS	1
PUBLIC HEARING	1
CONSTRUCTION	1
SEWER	1
WATER	1
STREET LIGHTING	1
BLDG. sewers	1
MEASURING	
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
PLAN SIZE	12" X

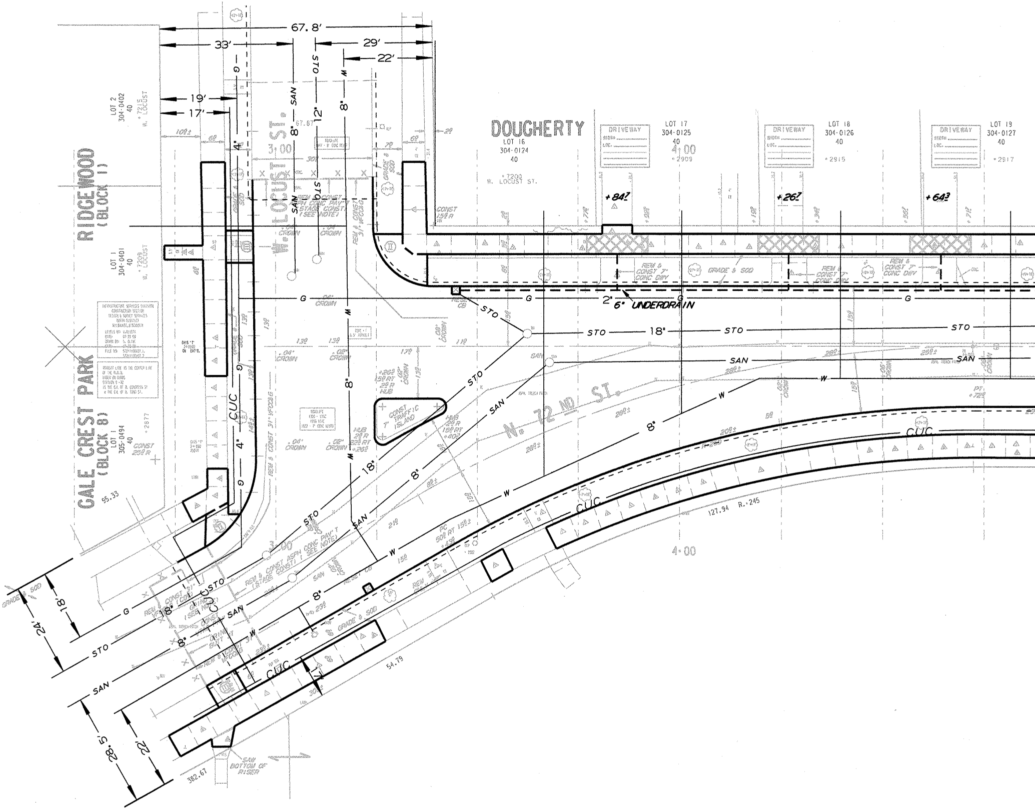

N. 72 ND ST.
W. CHAMBERS ST.
ST.
W. CHAMBERS CT.
W. MOLTKE AVE.
W. BURLEIGH ST.

EROSION CONTROL AND C.B. REQUISITION PLAN

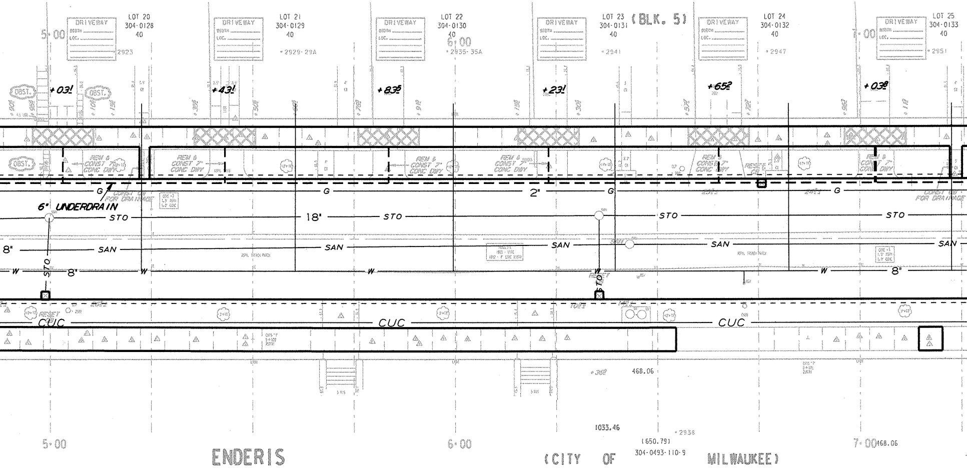
TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	NO WORK
6	0	5	0	

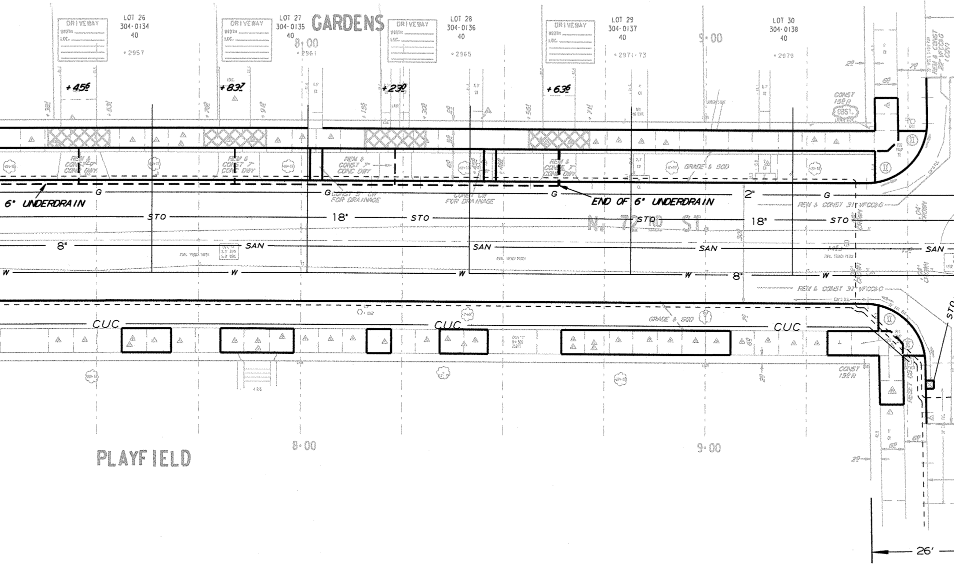
N. 72 ND ST. - W. LOCUST ST. TO W. BURLEIGH ST. (2 OF 2)

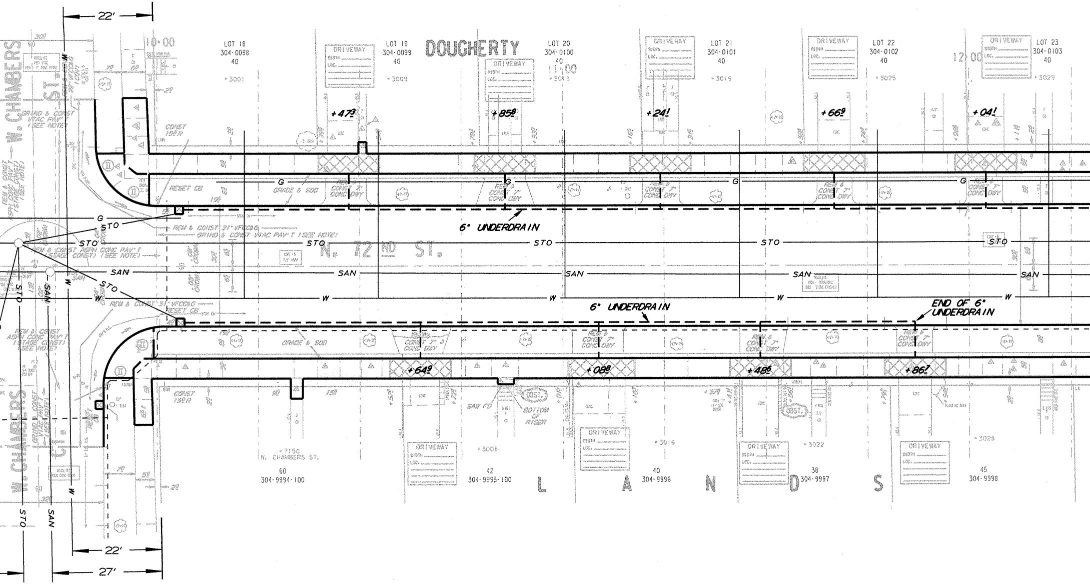
W. CHAMBERS ST./CT. TO W. BURLEIGH ST. ST211100107 12" X 110" 28941 # 321

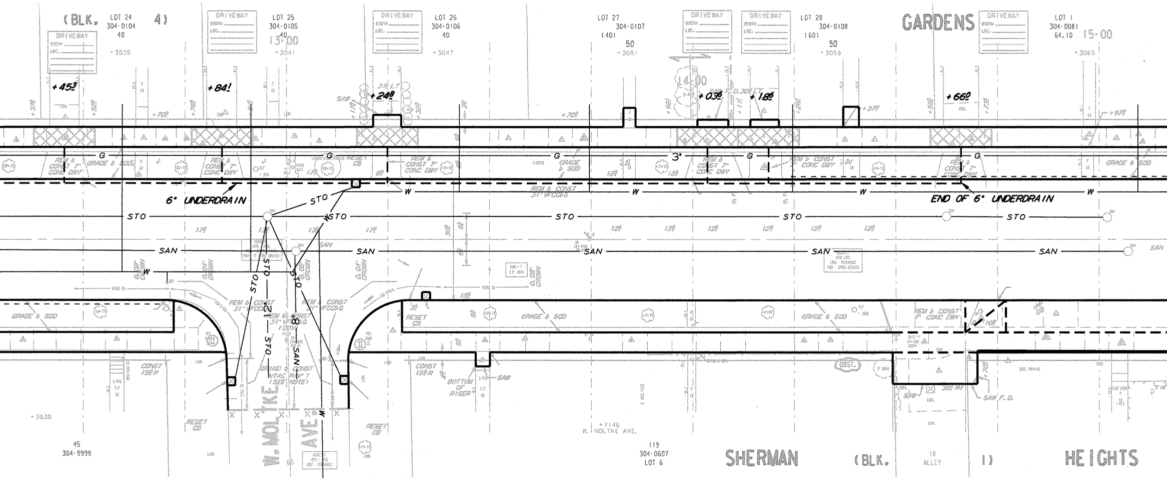


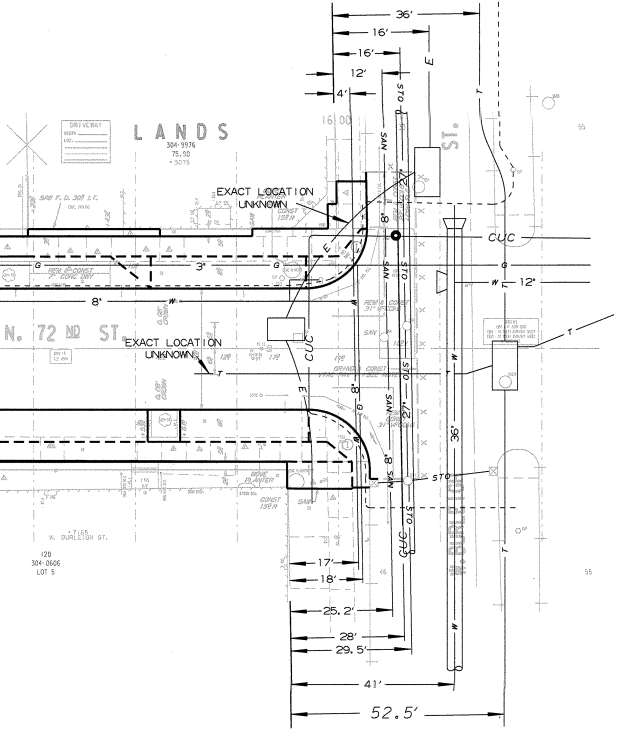
67.8'
33'
29'
22'
19'
17'
W. LOCUST ST.
N. 72ND ST.
RIDGEWOOD (BLOCK 1)
GALE CREST PARK (BLOCK 8)
DOUGHERTY
LOT 16 304-0124 40
LOT 17 304-0125 40
LOT 18 304-0126 40
LOT 19 304-0127 40
LOT 2 304-0402 40
LOT 1 304-0401 40
LOT 1 305-0494 40
DRIVEWAY
+84.7
+26.7
+64.3
3+00
4+00
CUC
STO
SAN
G
W
8"
12"
18"
4"
2'
6" UNDERDRAIN
REM & CONST 7" CONC DWY
GRADE & SOD
CONST TRAFFIC 7" ISLAND
REM & CONST ASPH CONC PAV'T STAGE CONST. (SEE NOTE)
REM & CONST 31" VFCG&G
.04' CROWN
.02' CROWN
127.94 R.=245
54.79
382.67
95.33
SAW BOTTOM OF RISER
18'
24'
22'
28.5'


LOT 20
304-0128
40
LOT 21
304-0129
40
LOT 22
304-0130
40
LOT 23
304-0131
40
(BLK. 5)
LOT 24
304-0132
40
LOT 25
304-0133
40
DRIVEWAY
WIDTH
LOC.
2923
2929-29A
2935-35A
2941
2947
2951
5+00
6+00
7+00
OBST.
+03!
+43!
+83⁵
+23!
+65²
+03⁸
REM & CONST 7" CONC DWY
RESET CB
CONST CB FOR DRAINAGE
6" UNDERDRAIN
G
2"
STO
18"
SAN
8"
W
RESET
CUC
468.06
1033.46
(650.79)
304-0493-110-9
2938
ENDERIS
(CITY OF MILWAUKEE)


GARDENS
LOT 26
304-0134
40
2957
LOT 27
304-0135
40
2961
LOT 28
304-0136
40
2965
LOT 29
304-0137
40
2971-73
LOT 30
304-0138
40
2979
DRIVEWAY
WIDTH
LOC.
8+00
9+00
+45.6
+83.7
+23.0
+63.6
REM & CONST 7" CONC DWY
CONST 5" CW FOR DRAINAGE
CONST CW FOR DRAINAGE
GRADE & SOD
CONST 15.0 R
OBST.
REM & CONST 22' VFCC&G (CDY)
REM & CONST 31' VFCC&G
6" UNDERDRAIN
END OF 6" UNDERDRAIN
G
2"
STO
18"
SAN
8"
W
N. 72ND ST.
ASPH. TRENCH PATCH
CUC
GRADE & SOD
CONST 15.0 R
STO
26'
PLAYFIELD


22'
10+00
LOT 18
304-0098
40
3001
LOT 19
304-0099
40
3009
DOUGHERTY
LOT 20
304-0100
40
11+00
3013
LOT 21
304-0101
40
3019
LOT 22
304-0102
40
3025
12+00
LOT 23
304-0103
40
3029
DRIVEWAY
WIDTH
LOC.
+47.3
+85.8
+24.1
+66.9
+04.1
W. CHAMBERS ST.
GRIND & CONST WTAC PAV'T (SEE NOTE)
REM & CONST ASPH CONC PAV'T (STAGE CONST) (SEE NOTE)
CONST 15.0' R
RESET CB
GRADE & SOD
REM & CONST 7" CONC DWY
G
STO
SAN
W
6" UNDERDRAIN
REM & CONST 31" VFCC&G
GRIND & CONST WTAC PAV'T (SEE NOTE)
N. 72 ND ST.
6" UNDERDRAIN
END OF 6" UNDERDRAIN
+64.9
+08.9
+48.6
+86.7
OBST.
SAW FD
BOTTOM OF RISER
7150
W. CHAMBERS ST.
60
304-9994-100
3008
42
304-9995-100
3016
40
304-9996
3022
38
304-9997
3028
45
304-9998
L A N D S
22'
27'

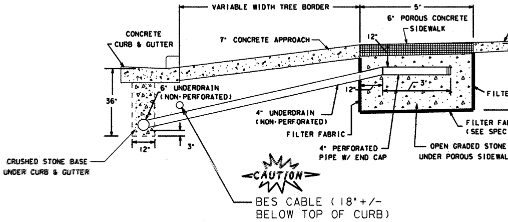

(BLK. 4)
LOT 24
304-0104
40
°3035
DRIVEWAY
WIDTH
LOC.
LOT 25
304-0105
40
13+00
°3041
LOT 26
304-0106
40
°3047
LOT 27
304-0107
(40)
50
°3051
LOT 28
304-0108
(60)
50
°3059
GARDENS
LOT 1
304-0081
64.10
15+00
°3065
+45.3
+84.1
+24.8
14+00
+03.6
+18.6
+66.0
+70.0
+37.0
+97.0
SAW
REM & CONST 7" CONC DWY
GRADE & SOD
REM & CONST 31" VFCC&G
RESET CB
G
3'
6" UNDERDRAIN
END OF 6" UNDERDRAIN
W
STO
SAN
12
8
0.04' CROWN
GRIND & CONST VTAC PAV'T (SEE NOTE)
CONST 15' R
BOTTOM OF RISER
SAW
SAW F.D.
W. MOLTKE AVE
°3030
45
304-9999
°7146
W. MOLTKE AVE.
119
304-0607
LOT 6
SHERMAN
(BLK.
18
ALLEY
1)
HEIGHTS


36'
16'
16'
12'
4'
E
STO
SAN
T
DRIVEWAY
LANDS
304-9976
75.90
3075
SAW F. D. 30' LT.
EXACT LOCATION UNKNOWN
PLANTER
CONST 159 R
CUC
G
W
3"
8"
12"
REM & CONST 7" CONC DRIV
REM & CONST 31' WFCG
N. 72 ND ST.
EXACT LOCATION UNKNOWN
0.08' CROWN
GRIND & CONST
27"
36"
MOVE PLANTER
CONST 159 R
7165
W. BURLEIGH ST.
120
304-0606
LOT 5
55
46
17'
18'
25.2'
28'
29.5'
41'
52.5'

NOTES :

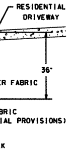
- Ⓘ, Ⓘ, Ⓘ, DENOTES RAMP TYPE.
- CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.
- OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE CENTE
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.
- NEW ASPH CONC PAVEMENT (STAGE CONST) SHALL CONSIST OF:
  1-1/2" ASPH CONC PAV'T ON
  3" ASPH CONC BINDER ON
  6" CRUSHED STONE BASE
- PITCH FLANGE 0.08' UNLESS OTHERWISE SHOWN.
- GRADE & SOD ENTIRE AREA BETWEEN CURB AND WALK.
- PROJECT IS DESIGNED FOR 2-13' PASSES WITH CROWNS AS SHOWN.
- GRINDING OF THE EXISTING ASPHALT ROADWAY WHERE NECESSARY TO OBTAIN 0.12' ALONG THE FLANGE, 0.17' AT BUTT JOINTS AND 0.21' MINIMUM ELSEWHER
- ANY TREES TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED "SAN" (SANITARY).
- ▨ 6" POROUS CONCRETE WALK
- SEE UTILITY PLAN FOR LIMITS OF 6" UNDERDRAIN

6" POROUS CONCRETE SIDEWALK


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

RL INE.

RE.


RESIDENTIAL DRIVEWAY
36"
ER FABRIC
BRIC
IAL PROVISIONS)
K

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
VG	VERY GOOD
VP	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.						
☒	6" CONCRETE WALK - POROUS	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.						
☒	7" CONC TRAFFIC ISLAND	S.F.						
☒	_ CRUSHED STONE BASE	S.Y.						
☐	OPEN GRADED STONE							
☒	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.						

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

FILE NO.

PLAN OF: N. 72 ND ST. UTILITY PLAN 2900 N

W. LOCUST ST. TO W. BURLEIGH ST.

THIS SECTION: W. LOCUST ST. TO W. CHAMBERS ST./CT.

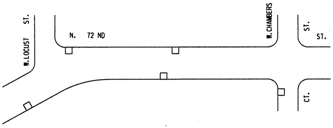
DRAWN BY	M. VOJVODICH	DATE: 3-25-09	PROJECT NO.		
DESCRIPTIONS BY	M. VOJVODICH	DATE: 3-25-09	ST211100107	SHEET 1 OF 1	
LEVELS BY	V. RIVERA	DATE: 6-09	SCALE	1/4 SEC.	ALD. DIST.
LEVELS TRANSF. BY		DATE:	1"=20'	304	10
DESIGNED BY	J. WINIARSKI	DATE: 10-14-09	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. BIEGANSKI	DATE: 11-30-12	REVISED: POROUS WALK, JANACEK-6/2013		
CHECKED BY	DW	DATE:	REVISED:		
APPROVED BY		DATE: 9/17/13	REVISED:		

FILE: V:\PWELIB\PAVING\28941UTILITY.FIN

PLOT DATE: 17-SEP-2013

THIS SHEET

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


W. LOCUST ST.
N. 72 ND
W. CHAMBERS ST.
ST.
CT.

	EROSION CONTROL	AND C.B.		REQUISITION	PLAN
	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	⊠
THIS SHEET	17	0	5	0	NO WORK
PROJECT TOTAL	23	0	10	0	

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

N. 72 ND ST. UTILITY PLAN - W. LOCUST ST. TO W. BURLEIGH ST. (1 OF 1)

ST211100107 # 28941