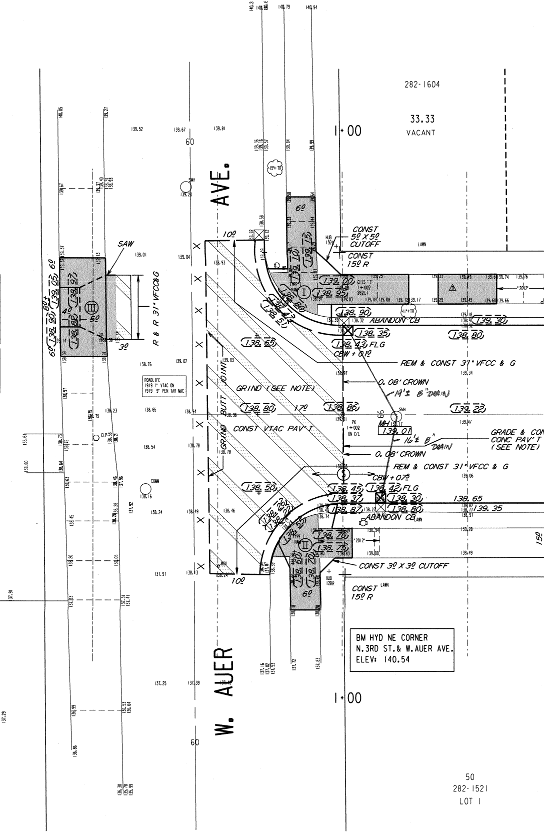
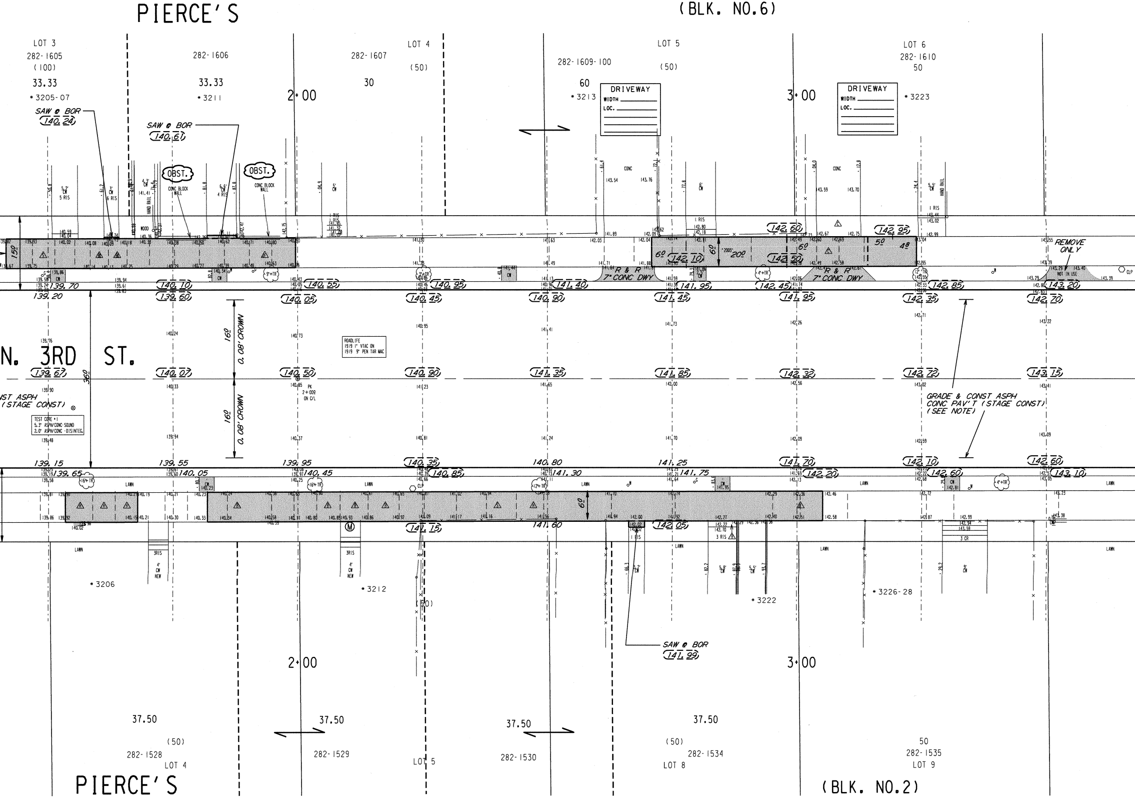
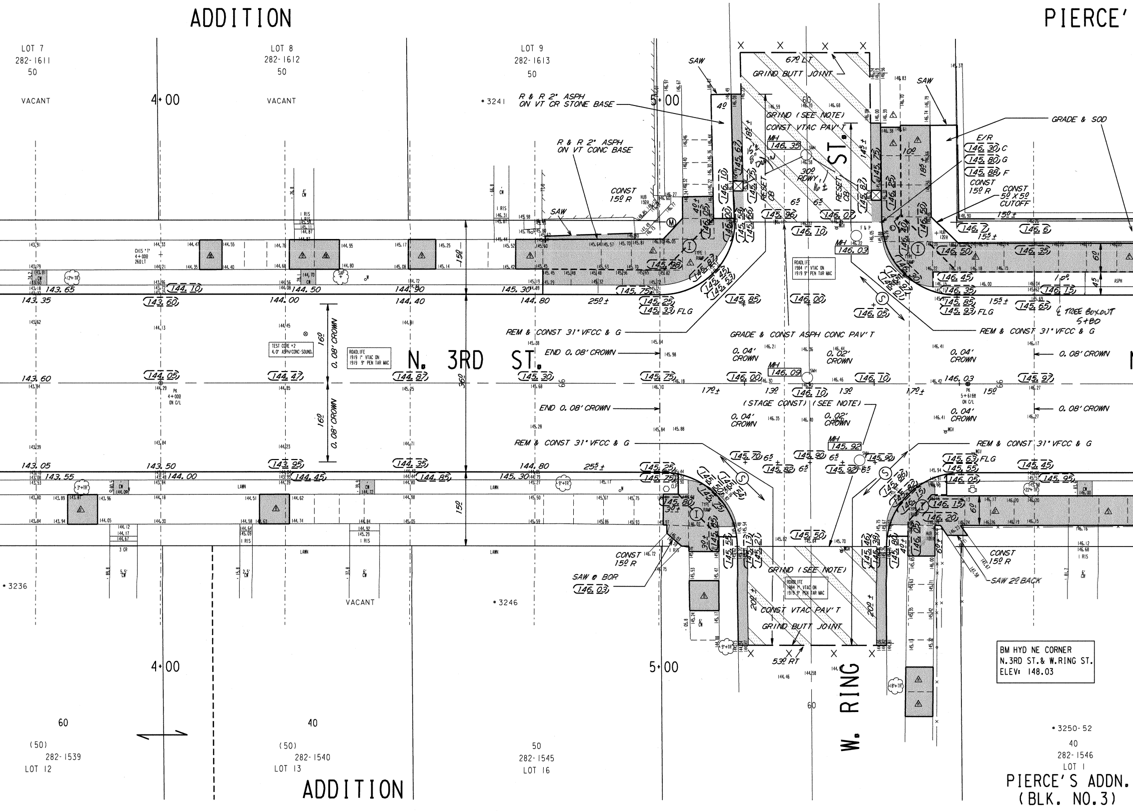
INFRASTRUCTURE SERVICES DIVISION
CONSTRUCTION SECTION
DESIGN & SURVEY SERVICES
NORTH DISTRICT
MILWAUKEE, WISCONSIN

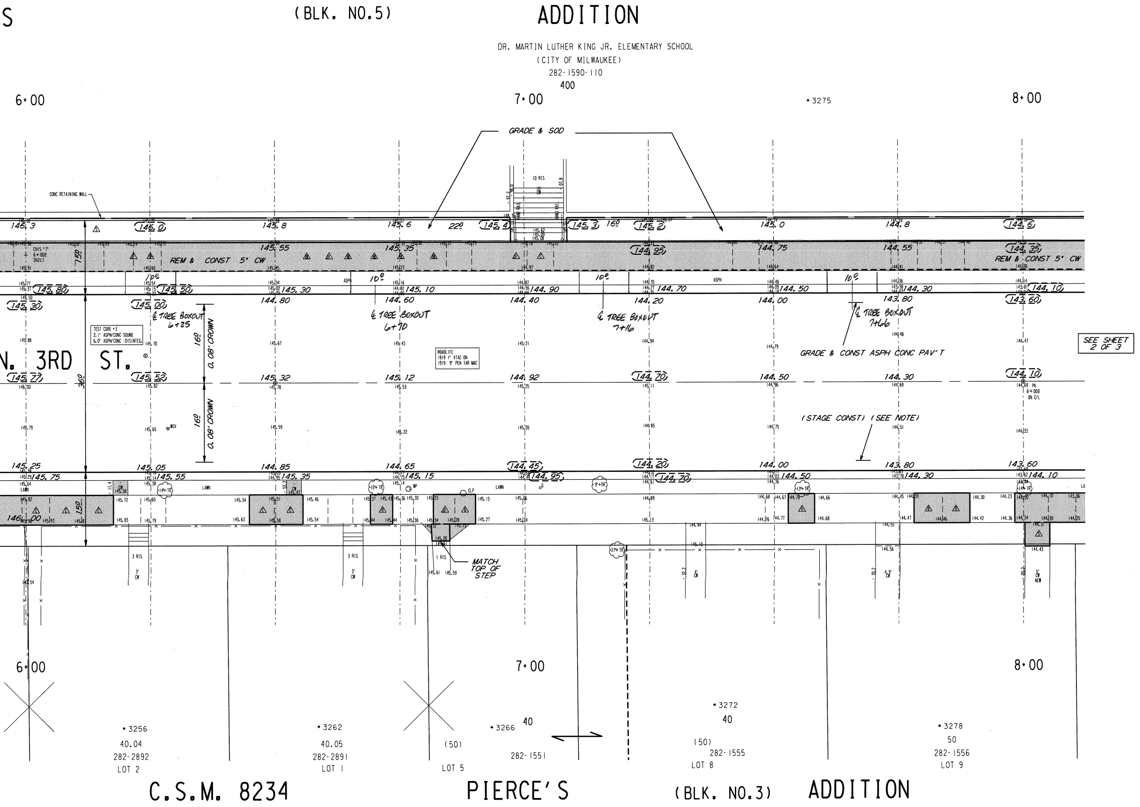
LEVELS BY: J. LUECKING
DATE: 08-30-12
DRAWN BY: F. BARBARA
DATE: 09-05-12
FILE NO: 28106

TRANSIT LINE IS THE CENTER LINE
OF THE R.O.W.
BASED ON CURB SPLITS
STATION 1+00
IS THE NORTH LINE
OF W. AUER AVE


W. AUER AVE.
1+00
1+00
60
60
66
282-1604
33.33
VACANT
50
282-1521
LOT 1
SAW
R & R 31" VFCC&G
CONST 5º X 5º CUTOFF
CONST 15º R
CONST 3º X 3º CUTOFF
CONST 15º R
ABANDON CB
ABANDON CB
REM & CONST 31" VFCC & G
REM & CONST 31" VFCC & G
0.08' CROWN
0.08' CROWN
19'± 8" DRAIN
16'± 8" DRAIN
GRIND (SEE NOTE)
GRIND BUTT JOINT
CONST VTAC PAV'T
GRADE & CON
CONC PAV'T
(SEE NOTE)
CBW + 01º
CBW + 07º
FLG
FLG
MH 139.01
SMH
SMH
COMM
CLP
HUB 15ºR
HUB 12ºR
PK 1+00 ON C/L
CHIS "T" 1+00 26º LT
LAWN
LAWN
LAWN
"2012"
"2012"
ROADLIFE
1919 1" VTAC ON
1919 9" PEN TAR MAC
15" TR
11"+TR
I
II
III
10º
10º
17º
6º
6º
6º
4º
5º
3º
80±
(139.00)
(138.95)
(138.90)
(138.35)
(138.43)
(138.65)
(138.80)
(138.86)
(139.22)
(139.30)
(138.80)
(138.50)
(138.45)
(138.42)
(138.37)
(138.30)
(138.87)
(138.80)
(139.35)
138.65
(138.70)
(138.75)
(139.10)
(139.75)
(138.90)
(139.05)
(138.82)
(139.27)
BM HYD NE CORNER
N.3RD ST.& W.AUER AVE.
ELEV: 140.54


PIERCE'S
(BLK. NO.6)
LOT 3
282-1605
(100)
33.33
•3205-07
282-1606
33.33
•3211
282-1607
30
LOT 4
(50)
2+00
282-1609-100
60
•3213
LOT 5
(50)
DRIVEWAY
WIDTH
LOC.
3+00
LOT 6
282-1610
50
•3223
SAW @ BOR
140.24
SAW @ BOR
140.61
OBST.
OBST.
CONC BLOCK WALL
CONC
HAND RAIL
R & R 7" CONC DWY
R & R 7" CONC DWY
REMOVE ONLY
NOT IN USE
142.60
142.95
142.10
142.50
139.70
139.20
140.10
139.60
140.55
140.05
140.95
140.45
141.40
140.90
141.95
141.45
142.45
141.95
142.85
142.35
143.20
142.70
N. 3RD ST.
16.0' 0.08' CROWN
16.0' 0.08' CROWN
36.0
ROADLIFE
1919 1" VTAC ON
1919 9" PEN TAR MAC
139.67
140.07
140.50
140.90
141.35
141.85
142.32
142.72
143.15
PK 2+009 ON C/L
GRADE & CONST ASPH CONC PAV'T (STAGE CONST) (SEE NOTE)
(CONST ASPH) (STAGE CONST)
TEST CORE #1
5.3" ASPH/CONC-SOUND
2.0" ASPH/CONC-DISINTEG.
139.15
139.65
139.55
140.05
139.95
140.45
140.35
140.85
140.80
141.30
141.25
141.75
141.70
142.20
142.10
142.60
142.60
143.10
LAWN
141.15
141.60
142.05
3RIS
4' CW NEW
SAW @ BOR
141.99
•3206
•3212
•3222
•3226-28
2+00
3+00
37.50
37.50
37.50
37.50
(50)
282-1528
LOT 4
282-1529
LOT 5
282-1530
(50)
282-1534
LOT 8
50
282-1535
LOT 9
PIERCE'S
(BLK. NO.2)


ADDITION
PIERCE'
LOT 7
282-1611
50
VACANT
LOT 8
282-1612
50
VACANT
LOT 9
282-1613
50
4+00
5+00
•3241
R & R 2" ASPH ON VT CR STONE BASE
R & R 2" ASPH ON VT CONC BASE
SAW
67º LT
GRIND BUTT JOINT
GRIND (SEE NOTE)
CONST VTAC PAV'T
60
MH 146.35
30º RDWY
RESET CB
ST.
GRADE & SOD
E/R
146.30 C
145.80 G
145.88 F
CONST 15º R
CONST 5º X 5º CUTOFF
15º ±
CONST 15º R
MH 146.03
ROADLIFE 1984 1" VTAC ON 1919 9" PEN TAR MAC
REM & CONST 31" VFCC & G
GRADE & CONST ASPH CONC PAV'T
END 0.08' CROWN
0.04' CROWN
0.02' CROWN
0.08' CROWN
N. 3RD ST.
TEST CORE #2 4.0' ASPH/CONC-SOUND.
ROADLIFE 1919 1" VTAC ON 1919 9" PEN TAR MAC
16º
36º
15º
MH 146.09
17º ±
13º
(STAGE CONST) (SEE NOTE)
MH 145.92
25º ±
TREE BOXOUT 5+80
CONST 15º R
SAW @ BOR
146.03
GRIND (SEE NOTE)
CONST VTAC PAV'T
GRIND BUTT JOINT
53º RT
20º ±
W. RING
SAW 2º BACK
•3236
•3246
VACANT
LAWN
60
40
(50)
282-1539
LOT 12
(50)
282-1540
LOT 13
ADDITION
50
282-1545
LOT 16
•3250-52
40
282-1546
LOT 1
PIERCE'S ADDN.
(BLK. NO.3)
BM HYD NE CORNER
N.3RD ST.& W.RING ST.
ELEV: 148.03


S
(BLK. NO.5)
ADDITION
DR. MARTIN LUTHER KING JR. ELEMENTARY SCHOOL
(CITY OF MILWAUKEE)
282-1590-110
400
6+00
7+00
• 3275
8+00
GRADE & SOD
10 RIS
HAND RAIL
CONC RETAINING WALL
146.3
146.0
145.8
145.6
22%
145.4
145.3
16%
145.2
145.0
144.8
144.6
145.55
145.35
144.95
144.75
144.55
144.35
CHIS "T" 6+00 26LT
REM & CONST 5' CW
ASPH
10%
145.80
145.50
145.30
145.10
144.90
144.70
144.50
144.30
144.10
145.30
145.00
144.80
144.60
144.40
144.20
144.00
143.80
143.60
℄ TREE BOXOUT 6+25
℄ TREE BOXOUT 6+70
℄ TREE BOXOUT 7+16
℄ TREE BOXOUT 7+66
TEST CORE #3
2.1" ASPH/CONC-SOUND
6.0" ASPH/CONC-DISINTEG.
ROADLIFE
1919 1" VTAC ON
1919 9" PEN TAR MAC
N. 3RD ST.
16%
0.08' CROWN
GRADE & CONST ASPH CONC PAV'T
SEE SHEET 2 OF 3
145.77
145.52
145.32
145.12
144.92
144.70
144.50
144.30
144.10
PK 8+00 ON C/L
36'
7.50'
(STAGE CONST) (SEE NOTE)
145.25
145.05
144.85
144.65
144.45
144.20
144.00
143.80
143.60
145.75
145.55
145.35
145.15
144.95
144.70
144.50
144.30
144.10
LAWN
CW
14" TR
15" TR
9" TR
13" TR
14" TR
CLP
MP
146.00
15.0'
3 RIS
3' CW
1 RIS
MATCH TOP OF STEP
27" TR
4' CW
4.9' CW
5' CW NEW
6+00
7+00
8+00
• 3256
40.04
282-2892
LOT 2
• 3262
40.05
282-2891
LOT 1
(50)
LOT 5
• 3266
40
282-1551
• 3272
40
(50)
282-1555
LOT 8
• 3278
50
282-1556
LOT 9
C.S.M. 8234
PIERCE'S
(BLK. NO.3)
ADDITION

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 & PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, UNLESS OTHERWISE DIRECTED.*
- *GRADE & SOD ENTIRE AREA BETWEEN CURB & CONCRETE WALK, UNLESS OTHERWISE DIRECTED.*
- *PITCH FLANGE 0.08' UNLESS OTHERWISE SHOWN.*
- *ANY TREES TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.*
- *NEW ASPH. CONC. PAV'T. (STAGE CONST.) SHALL CONSIST OF:*
  1-1/2" ASPH. CONC. PAV'T. ON
  3" ASPH. CONC. BINDER ON
  6" CRUSHED STONE BASE
- *IN ALL AREAS OF GRINDING, GRIND TO OBTAIN:*
  0.12' MINIMUM COVER AT CURB FLANGES,
  0.17' MINIMUM AT BUTT JOINTS,
  0.21' MINIMUM ELSEWHERE.
- *PROJECT HAS SECTIONS OF VARYING FACE CURB.*

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.						
☒	3" ASPHALT BINDER	S.Y.						
☒	6" CRUSHED STONE BASE	S.Y.						
☐	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						

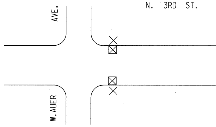
DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

PLAN OF: N. 3RD ST.

W. AUER AVE. TO W. KEEFE AVE.

THIS SECTION: W. AUER AVE. TO A PT 380' +/- N. OF W. RING ST.

DRAWN BY	C. BLACK	DATE: 02-03-00	PROJECT NO.
DESCRIPTIONS BY	C. BLACK	DATE: 02-03-00	ST21110116
LEVELS BY	J. LUECKING	DATE: 03-19-12	SCALE
LEVELS TRANSF. BY	F. BARBARA	DATE: 09-15-12	1"=10'
DESIGNED BY	S. SYLVAN	DATE: 01-14-13	OBSTRUCTIONS -
GRADES TRANSF. BY	P. VELLA	DATE: 02-27-13	REVISED: 5/9/13
CHECKED BY	D. Ulatowski	DATE: 4/30/13	REVISED: 1/9/14
APPROVED BY		DATE: 5/1/13	REVISED:
FILE: V:\PWELIB\PAVING\28106.FIN			
PLOT DATE: 19-APR-2013			


N. 3RD ST.
AVE.
W. AUER

EROSION CONTROL AND C.

	TYPE M	☒ - CBW	☐ - RESET
THIS SHEET	4	2	2
PLAN TOTAL	14	8	4

N. 3RD ST. - W. AUER AVE. W. AVE. TO W. KEEFE AVE.

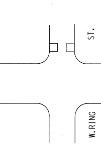
W. AUER AVE. TO A POINT 380' +/- N. OF W. RING ST. ST21110116 17.5" X 118" 28106 # (1 OF 3)

	FILE NO. 16
SHEET 1 OF 3	
1/4 SEC.	ALD.DIST.
282	6
SEE OBSTRUCTION LIST	
ADDED TREE BOXOUTS	
ADDED SEWER DRAIN	

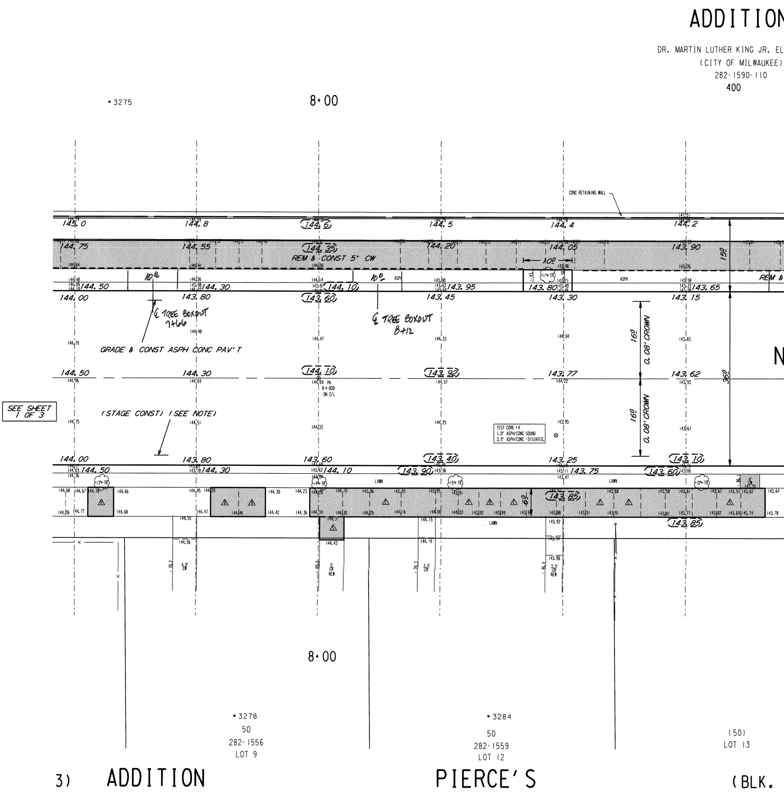
PROJECT TOTAL

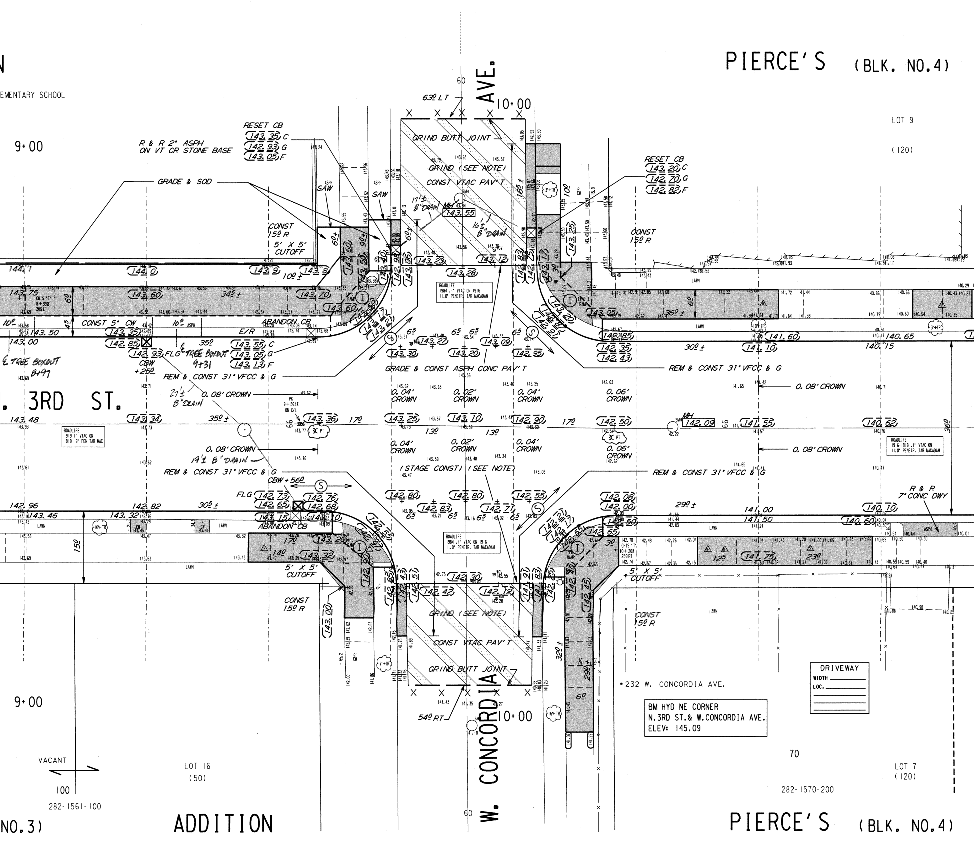
STORM DRAINAGE UNITS		
C.B.W.- 8	RESET- 4	ABANDON- 6
PROJECT IN COMBINED AREA		

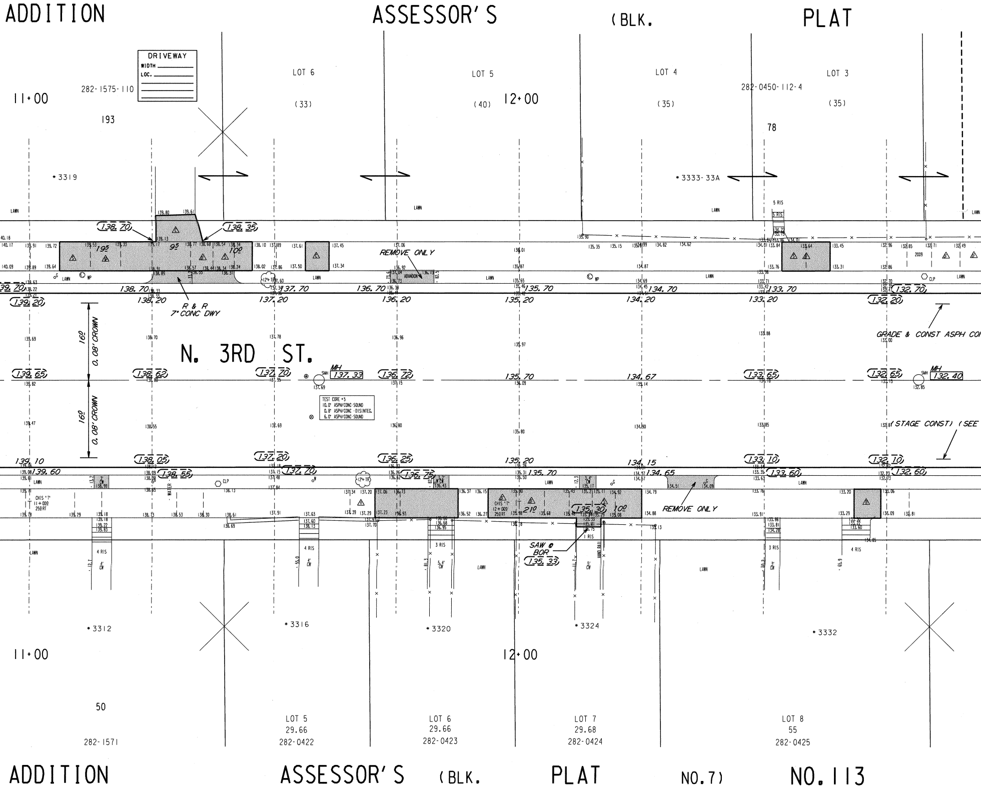
DATE / TO	5/2/13	1/14/14			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD		1			
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S	1				
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic Eng RM506	1	15			
PLAN SIZE	17.5' X 118'				

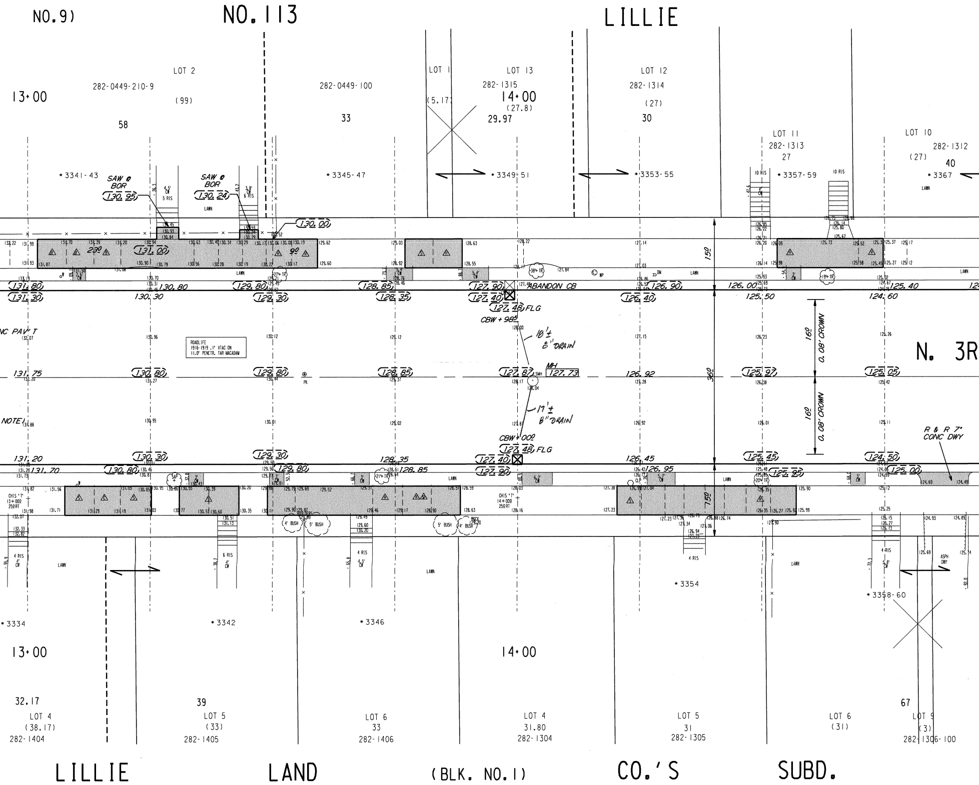


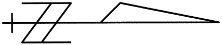
B.	REQUISITION	PLAN
	X - ABANDON	☒
	2	NO WORK
	6	NO WORK

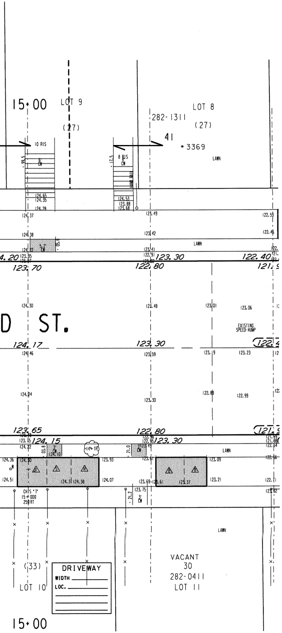

ADDITION
DR. MARTIN LUTHER KING JR. EL
(CITY OF MILWAUKEE)
282-1590-110
400
• 3275
8+00
CONC RETAINING WALL
145.0
144.8
144.6
144.5
144.4
144.2
144.75
144.55
144.35
144.20
144.05
143.90
REM & CONST 5' CW
10'
15'
REM &
144.50
144.30
144.10
143.95
143.80
143.65
144.00
143.80
143.60
143.45
143.30
143.15
ASPH
℄ TREE BOXOUT 7+66
℄ TREE BOXOUT 8+12
GRADE & CONST ASPH CONC PAV'T
16' 0.08' CROWN
16' 0.08' CROWN
36'
144.50
144.30
144.10
143.92
143.77
143.62
PK 8+00 ON C/L
SEE SHEET 1 OF 3
(STAGE CONST) (SEE NOTE)
TEST CORE #4
1.0" ASPH/CONC-SOUND
3.5" ASPH/CONC-DISINTEG.
144.00
143.80
143.60
143.40
143.25
143.10
144.50
144.30
144.10
143.90
143.75
143.60
13" TR
14" TR
15" TR
10" TR
LAWN
143.85
6'
4' CW
5' CW NEW
3.5' CW
8+00
• 3278
50
282-1556
LOT 9
• 3284
50
282-1559
LOT 12
(50)
LOT 13
3) ADDITION
PIERCE'S
(BLK.


PIERCE'S (BLK. NO.4)
EMENTARY SCHOOL
LOT 9
(120)
9+00
R & R 2" ASPH ON VT CR STONE BASE
GRADE & SOD
RESET CB
143.35 C
142.93 G
143.05 F
SAW
ASPH
63º LT
W. CONCORDIA AVE.
10+00
GRIND BUTT JOINT
GRIND (SEE NOTE)
CONST VTAC PAV'T
17' ± 8" DRAIN
MH 143.55
16' ± 8" DRAIN
RESET CB
143.20 C
142.70 G
142.82 F
CONST 15º R
5' X 5' CUTOFF
CONST 15º R
ROADLIFE 1984 .1" VTAC ON 1916 11.0" PENETR. TAR MACADAM
CONST 5' CW
ABANDON CB
E/R
CBW +25º
FLG
₵ TREE BOXOUT 8+97
₵ TREE BOXOUT 9+31
REM & CONST 31" VFCC & G
GRADE & CONST ASPH CONC PAV'T
0.08' CROWN
27' ± 8" DRAIN
N. 3RD ST.
0.04' CROWN
0.02' CROWN
0.06' CROWN
PK 9+56.47 ON C/L
ROADLIFE 1919 1" VTAC ON 1919 9" PEN TAR MAC
MH 142.09
ROADLIFE 1916-1919 .1" VTAC ON 11.0" PENETR. TAR MACADAM
19' ± 8" DRAIN
(STAGE CONST) (SEE NOTE)
CBW +56º
R & R 7" CONC DWY
5' X 5' CUTOFF
CONST 15º R
GRIND (SEE NOTE)
CONST VTAC PAV'T
GRIND BUTT JOINT
54º RT
10+00
• 232 W. CONCORDIA AVE.
DRIVEWAY
WIDTH
LOC.
BM HYD NE CORNER
N.3RD ST.& W.CONCORDIA AVE.
ELEV: 145.09
70
LOT 7
(120)
282-1570-200
9+00
VACANT
100
282-1561-100
LOT 16
(50)
NO.3)
ADDITION
PIERCE'S (BLK. NO.4)
60


ADDITION
ASSESSOR'S
(BLK.
PLAT
DRIVEWAY
WIDTH
LOC.
282-1575-110
11+00
193
LOT 6
(33)
LOT 5
(40)
12+00
LOT 4
(35)
LOT 3
(35)
282-0450-112-4
78
*3319
*3333-33A
LAWN
5 RIS
REMOVE ONLY
R & R
7" CONC DWY
138.70
138.35
195
95
10º
138.70
138.20
137.70
137.20
136.70
136.20
135.70
135.20
134.70
134.20
133.70
133.20
132.70
132.20
139.70
139.20
GRADE & CONST ASPH CO
16º
0.08' CROWN
N. 3RD ST.
MH
137.33
132.40
139.65
138.62
137.70
136.72
135.70
134.67
133.65
132.65
TEST CORE #5
10.0" ASPH/CONC-SOUND
0.8" ASPH/CONC-DISINTEG.
6.0" ASPH/CONC-SOUND
(STAGE CONST) (SEE
139.10
138.05
137.20
136.25
135.20
134.15
133.10
132.10
139.60
138.55
137.70
136.75
135.70
134.65
133.60
132.60
CHIS "T"
11+00
259 RT
CHIS "T"
12+00
259 RT
210
135.30
10º
SAW & BOR
135.33
REMOVE ONLY
4 RIS
3 RIS
1 RIS
HAND RAIL
*3312
*3316
*3320
*3324
*3332
11+00
12+00
50
LOT 5
29.66
282-0422
LOT 6
29.66
282-0423
LOT 7
29.68
282-0424
LOT 8
55
282-0425
282-1571
ADDITION
ASSESSOR'S
(BLK.
PLAT
NO.7)
NO.113


NO. 9)
NO. 113
LILLIE
LOT 2
282-0449-210-9
(99)
13+00
58
282-0449-100
33
LOT 1
(5.17)
LOT 13
282-1315
14+00
(27.8)
29.97
LOT 12
282-1314
(27)
30
LOT 11
282-1313
27
LOT 10
282-1312
(27)
40
3341-43
SAW @ BOR
130.95
SAW @ BOR
130.24
3345-47
3349-51
3353-55
3357-59
3367
130.00
23º
131.00
9º
ABANDON CB
126.90
126.00
125.50
125.40
124.60
127.90
127.40
127.48 FLG
CBW + 98⁵
10'±
8" DRAIN
MH
127.73
127.87
17'±
8" DRAIN
CBW + 00º
127.48 FLG
127.40
127.90
131.80
131.30
130.80
130.30
129.80
129.30
128.85
128.35
126.40
15º
16º
0.08' CROWN
16º
0.08' CROWN
36º
N. 3R
NC PAV'T
ROADLIFE
1916-1919 .1" VTAC ON
11.0" PENETR. TAR MACADAM
131.75
130.80
129.80
128.85
126.92
125.97
125.05
NOTE)
131.20
131.70
130.30
130.80
129.30
129.80
128.35
128.85
126.45
126.95
125.45
125.95
124.50
125.00
R & R 7' CONC DWY
CHIS "T" 13+009 259RT
CHIS "T" 14+009 259RT
7.5º
LAWN
4' BUSH
5' BUSH
4 RIS
6 RIS
4 RIS
ASPH DWY
3334
3342
3346
3354
3358-60
13+00
14+00
32.17
LOT 4
(38.17)
282-1404
39
LOT 5
(33)
282-1405
LOT 6
33
282-1406
LOT 4
31.80
282-1304
LOT 5
31
282-1305
LOT 6
(31)
67
LOT 9
(3)
282-1306-100
LILLIE LAND (BLK. NO. 1) CO.'S SUBD.





15+00
LOT 9
(27)
282-1311
LOT 8
(27)
41
• 3369
LAWN
10 RIS
8 RIS
CW
HAND RAIL
124.65
124.35
124.28
124.53
123.88
123.68
124.37
123.49
122.59
124.38
123.42
122.46
5.2' CW
124.20
123.30
122.40
123.70
122.80
124.30
123.48
123.01
123.06
D ST.
EXISTING SPEED-HUMP
124.17
123.30
124.46
123.59
123.19
123.23
124.24
123.30
122.89
122.99
123.65
122.80
124.15
123.30
124.10
14" TR
LAWN
124.36
124.51
123.93
124.07
124.31
124.38
123.09
123.21
123.69
123.61
123.37
123.75
CHIS "T"
15+00.8
25.8 RT
3' CW
(33)
LOT 10
DRIVEWAY
WIDTH
LOC.
VACANT
30
282-0411
LOT 11
LAWN
15+00

SEE SHEET 3 OF 3

ASSESSOR'S

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

	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.			
☒	3" ASPHALT BINDER				
☒	6" 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. 17

PLAN OF: N. 3RD ST.

W. AUER AVE. TO W. KEEFE AVE.

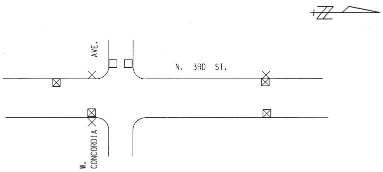
THIS SECTION:A PT 380' +/- N. OF W. RING ST. TO A PT 570' +/-N. OF W. CONCORDIA AVE.

DRAWN BY	C. BLACK	DATE: 02-03-00	PROJECT NO. ST21110116	SHEET 2 OF 3	
DESCRIPTIONS BY	C. BLACK	DATE: 02-03-00			
LEVELS BY	J. LUECKING	DATE: 03-19-12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	F. BARBARA	DATE: 09-15-12	1"=10'	282	6
DESIGNED BY	S. SYLVAN	DATE: 01-14-13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	P. VELLA	DATE: 02-27-13	REVISED: 5/9/13 ADDED TREE BOXOUTS		
CHECKED BY	D. Ulatowski	DATE: 4/30/13	REVISED: 1/9/14 ADDED SEWER DRAIN		
APPROVED BY		DATE: 5/1/13	REVISED:		
FILE: V:\PWELIB\PAVING\28106.FIN					
PLOT DATE: 19-APR-2013					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 4	RESET- 2	ABANDON- 3
PROJECT IN COMBINED AREA		

TO \ DATE	5/2/13	1/14/14			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD		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	1				
RM 506		15			
PLAN SIZE	17.5' X 118'				



AVE.
N. 3RD ST.
W. CONCORDIA

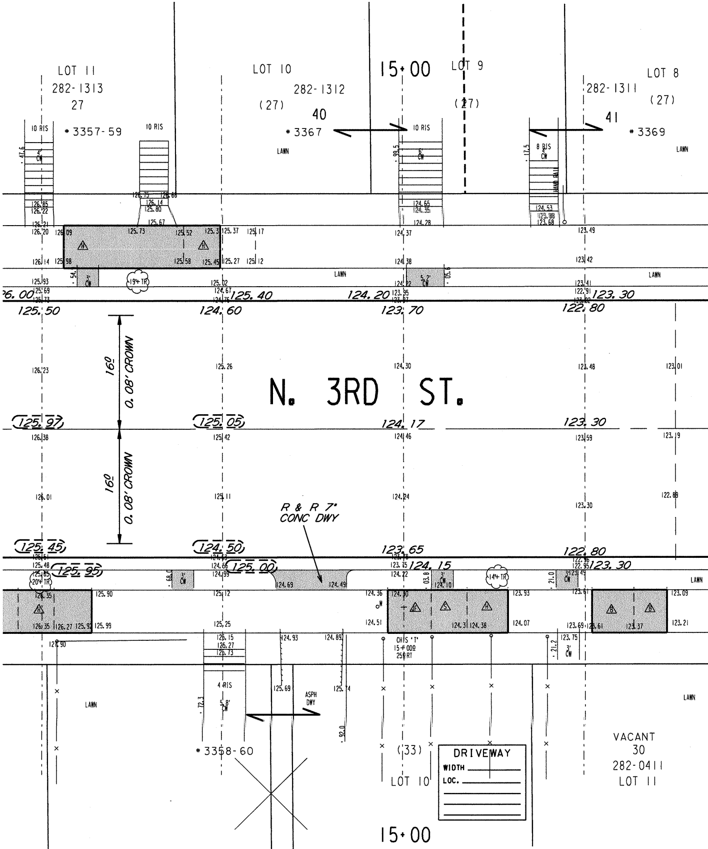
EROSION CONTROL	AND C.B.			REQUISITION PLAN
TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	▨
THIS SHEET 6	4	2	3	NO WORK

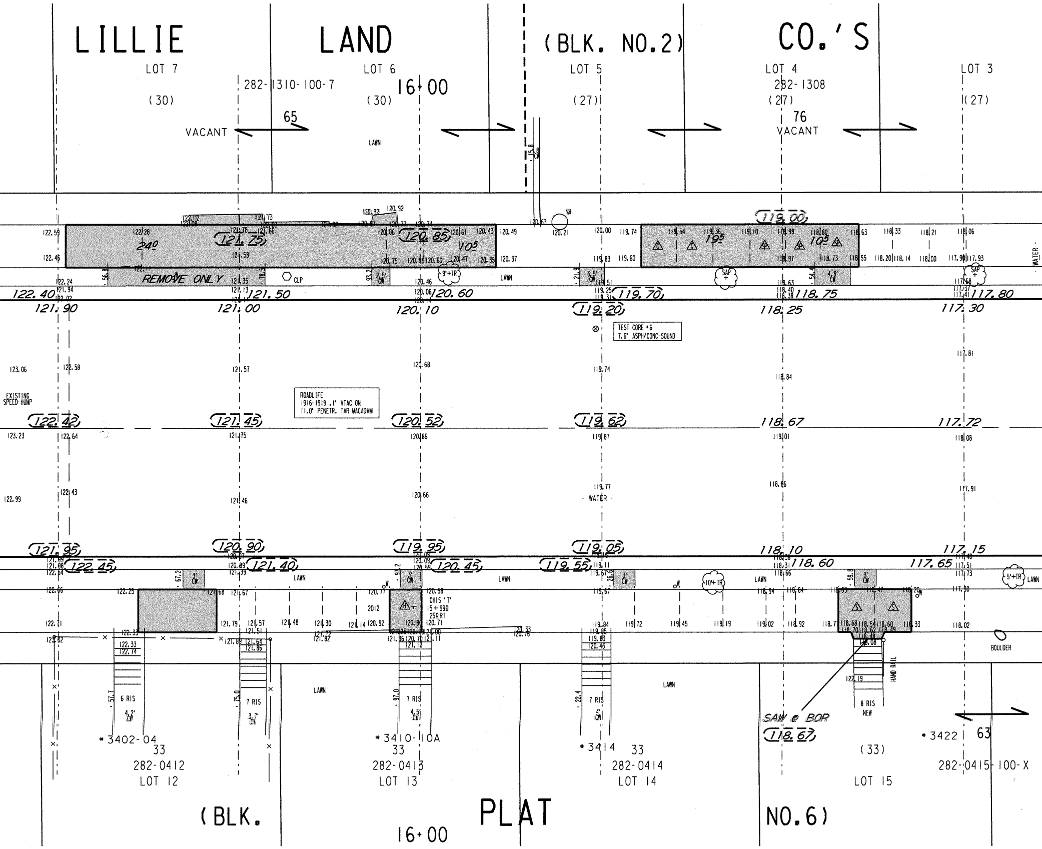
N. 3RD ST. - W. AUER AVE. TO W. KEEFE AVE.

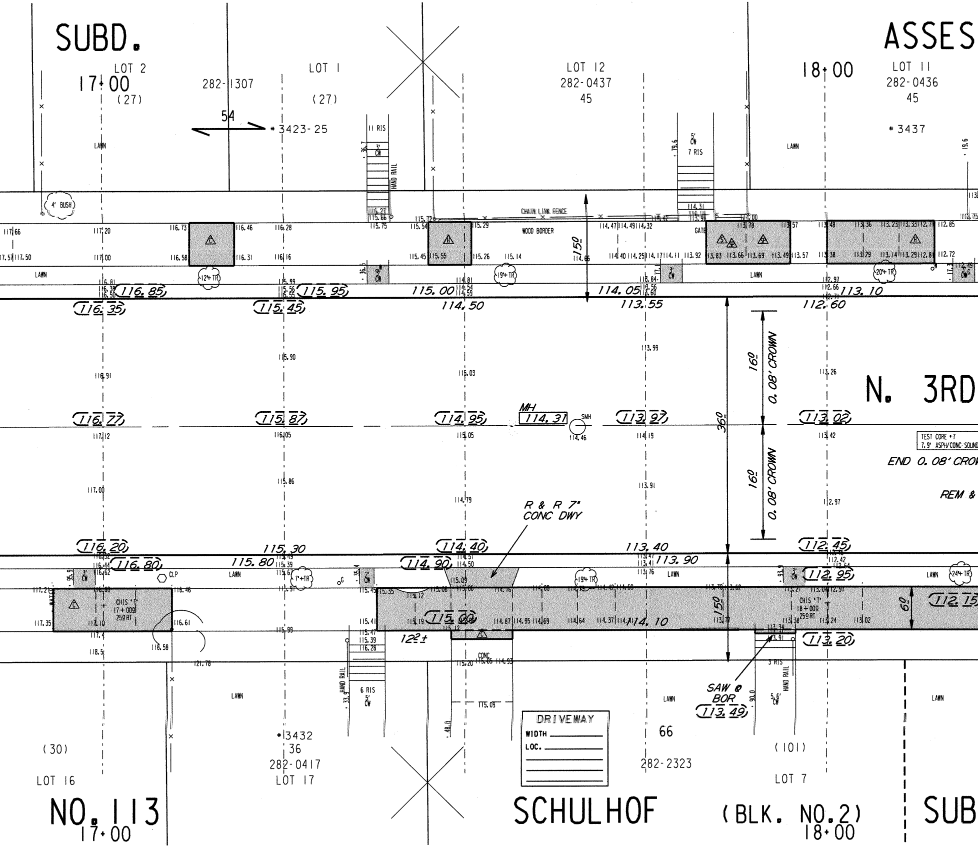
A POINT 380' +/- N OF W. RING ST. TO A POINT 570' +/- N OF W. CONCORDIA AVE.

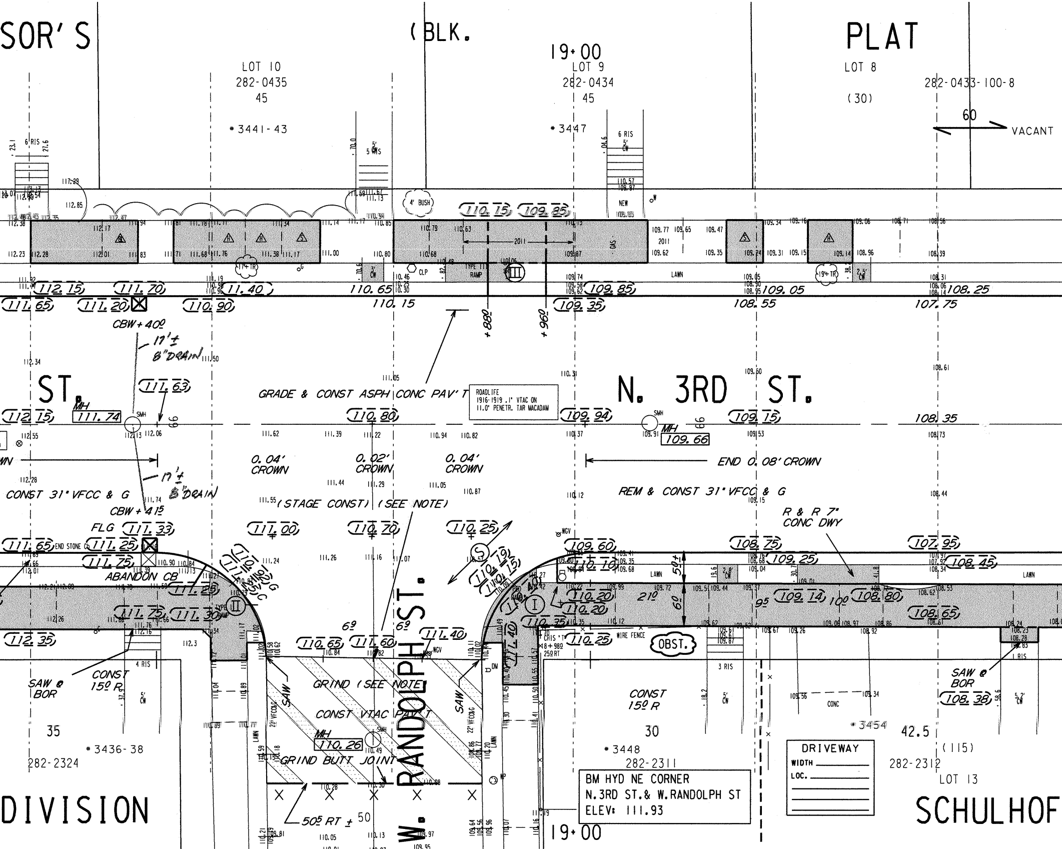
ST21110116 17.5" X 118" 28106 # (2 OF 3)

SEE SHEET
2 OF 3

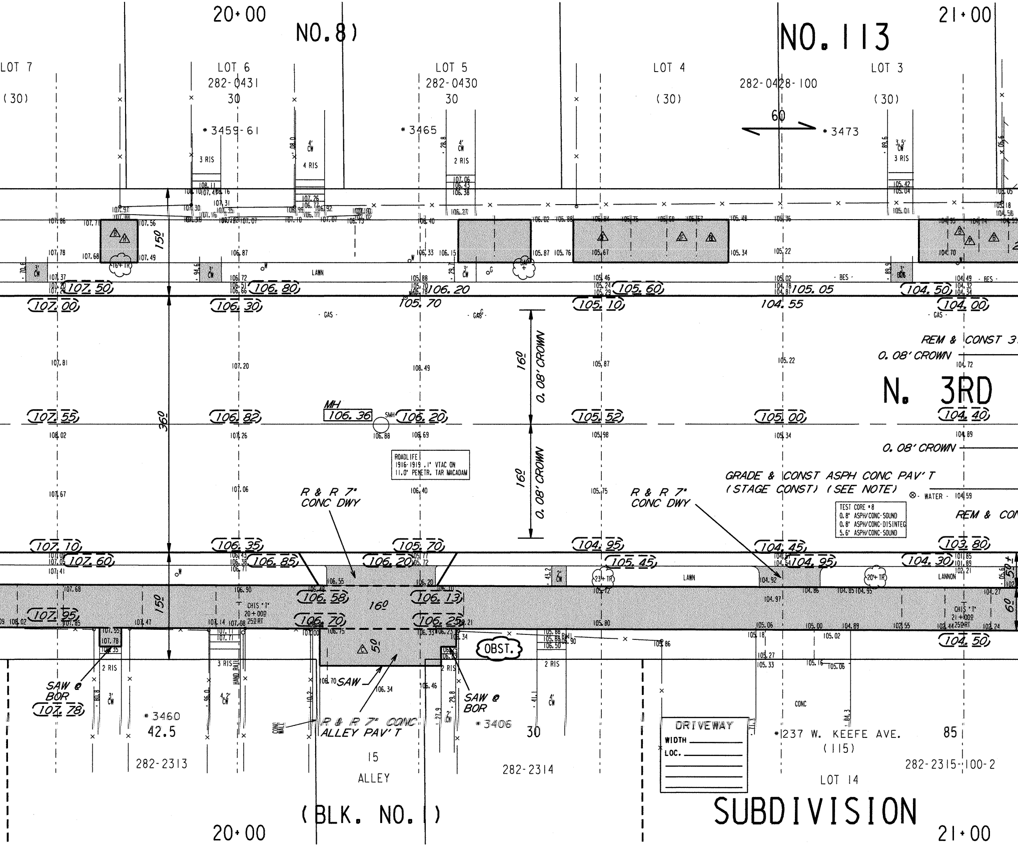

LOT 11
282-1313
27
* 3357-59
LOT 10
282-1312
(27)
40
* 3367
15+00
LOT 9
(27)
LOT 8
282-1311
(27)
41
* 3369
10 RIS
8 RIS
4' CW
6' CW
HAND RAIL
LAWN
19" TR
125.40
124.20
123.30
125.50
124.60
123.70
122.80
16.0
0.08' CROWN
N. 3RD ST.
(125.97)
(125.05)
124.17
123.30
(125.45)
(124.50)
123.65
122.80
R & R 7" CONC DWY
(125.95)
(125.00)
124.15
123.30
20" TR
14" TR
CHIS 'T' 15+00 25' RT
4 RIS
5.8' CW
ASPH DWY
* 3358-60
(33)
LOT 10
DRIVEWAY
WIDTH
LOC.
VACANT
30
282-0411
LOT 11
15+00

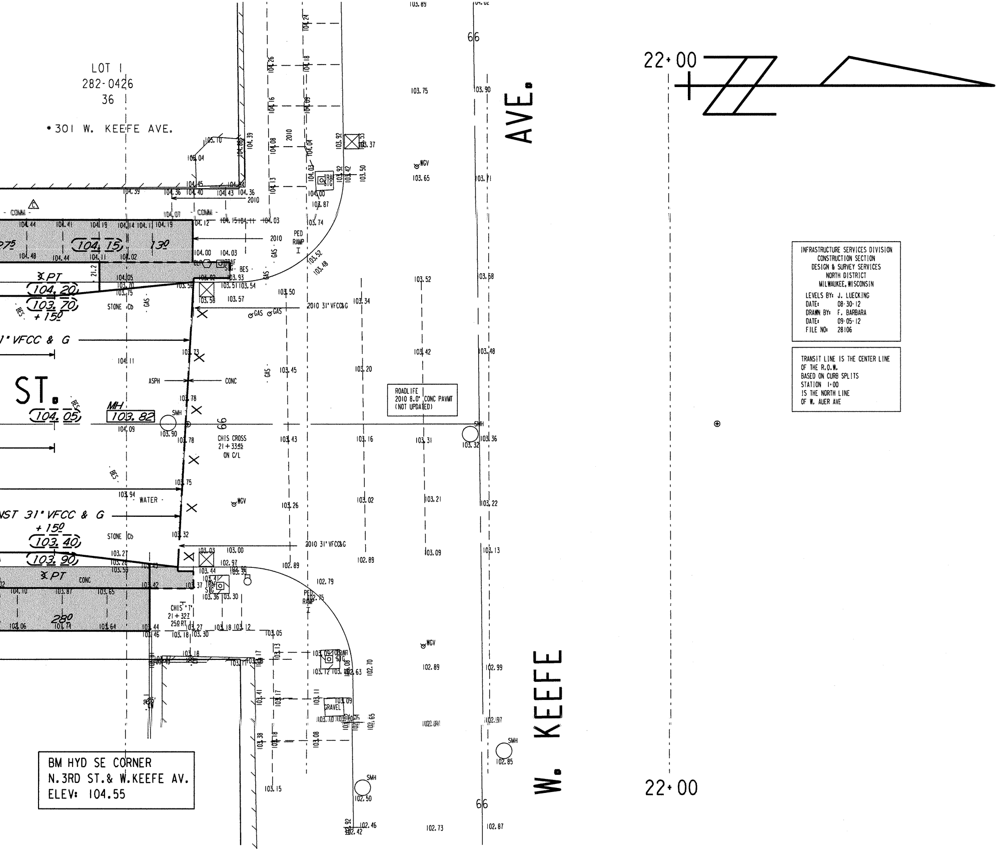

LILLIE LAND (BLK. NO.2) CO.'S
LOT 7
LOT 6
LOT 5
LOT 4
LOT 3
282-1310-100-7
282-1308
(30)
(30)
(27)
(27)
(27)
16+00
65
76
VACANT
VACANT
LAWN
15.8' CW
MH
240
105
195
105
REMOVE ONLY
CLP
9'+TR
SAP
2.5' CW
3.5' CW
4.9' CW
122.40
121.90
121.50
121.00
120.60
120.10
119.70
119.20
118.75
118.25
117.80
117.30
121.75
120.85
119.00
TEST CORE #6
7.6' ASPH/CONC-SOUND
ROADLIFE
1916-1919 .1" VTAC ON
11.0' PENETR. TAR MACADAM
EXISTING SPEED-HUMP
122.42
121.45
120.52
119.62
118.67
117.72
- WATER -
121.95
120.90
119.95
119.05
118.10
117.15
122.45
121.40
120.45
119.55
118.60
117.65
3' CW
10'+TR
5'+TR
CHIS 'T'
15+999
25.0 RT
2012
BOULDER
HAND RAIL
6 RIS
4.2' CW
7 RIS
3.7' CW
7 RIS
4.5' CW
7 RIS
4' CW
8 RIS
NEW
SAW @ BOR
118.67
*3402-04
33
282-0412
LOT 12
*3410-10A
33
282-0413
LOT 13
*3414
33
282-0414
LOT 14
(33)
LOT 15
*3422
63
282-0415-100-X
(BLK. PLAT NO.6)
16+00


SUBD.
ASSES
LOT 2
17+00
(27)
282-1307
LOT 1
(27)
54
* 3423-25
LOT 12
282-0437
45
18+00
LOT 11
282-0436
45
* 3437
LAWN
11 RIS
3' CW
HAND RAIL
5' CW
7 RIS
4' BUSH
CHAIN LINK FENCE
WOOD BORDER
GATE
15.0'
12" TR
19" TR
20" TR
116.85
116.35
115.95
115.45
115.00
114.50
114.05
113.55
113.10
112.60
16.0'
0.08' CROWN
N. 3RD
116.77
115.87
114.95
MH
114.31
SMH
113.97
113.02
36.0'
TEST CORE #7
7.9" ASPH/CONC-SOUND
END 0.08' CROW
REM &
R & R 7" CONC DWY
116.20
116.80
115.30
115.80
114.40
114.90
113.40
113.90
112.45
112.95
112.15
CLP
7" TR
19" TR
24" TR
CHIS "T" 17+009 25.0 RT
CHIS "T" 18+009 25.0 RT
115.20
114.10
12.0' ±
113.20
6.0'
6 RIS
5' CW
3 RIS
5.6' CW
SAW @ BOR
113.49
CONC
DRIVEWAY
WIDTH
LOC.
(30)
LOT 16
* 3432
36
282-0417
LOT 17
66
282-2323
(101)
LOT 7
NO. 113
17+00
SCHULHOF
(BLK. NO. 2)
18+00
SUB



SOR'S
(BLK.
PLAT
19+00
LOT 10
282-0435
45
LOT 9
282-0434
45
LOT 8
282-0433-100-8
(30)
60
VACANT
*3441-43
*3447
6 RIS
5 RIS
4' BUSH
NEW
110.15
109.85
2011
GAS
LAWN
19⅟₄ TR
17⅟₄ TR
CLP
TYPE III RAMP
III
112.15
111.70
111.40
110.65
109.85
109.05
108.25
111.65
111.20
110.90
110.15
109.35
108.55
107.75
+880
+960
CBW+40⁰
17'±
8"DRAIN
ST.
N. 3RD ST.
111.63
GRADE & CONST ASPH CONC PAV'T
ROADLIFE
1916-1919 .1" VTAC ON
11.0' PENETR. TAR MACADAM
MH
111.74
SMH
66
112.15
110.80
109.94
109.15
109.66
108.35
0.04' CROWN
0.02' CROWN
0.04' CROWN
END 0.08' CROWN
17'±
8"DRAIN
CONST 31" VFCC & G
REM & CONST 31" VFCC & G
CBW+41⁵
(STAGE CONST) (SEE NOTE)
FLG
111.33
111.00
110.70
110.25
111.65
END STONE C
111.25
109.60
108.75
107.95
R & R 7" CONC DWY
111.75
110.10
109.25
108.45
ABANDON CB
111.25
111.30
111.75
S
110.79
110.15
110.20
110.20
110.35
21⁰
9⁵
109.14
10⁰
108.80
108.65
50±
60
II
I
112.35
6⁹
6⁹
110.65
111.60
111.40
111.40
110.25
WIRE FENCE
OBST.
CHIS 'T' 18+980 259 RT
W. RANDOLPH ST.
SAW @ BOR
CONST 15⁰ R
GRIND (SEE NOTE)
CONST VTAC PAV'T
SAW
SAW
MH
110.26
GRIND BUTT JOINT
22" VFCC&G
CONST 15⁰ R
SAW @ BOR
108.38
3 RIS
4 RIS
CONC
WGV
DM
35
*3436-38
282-2324
30
*3448
282-2311
*3454
42.5
(115)
282-2312
LOT 13
505 RT ± 50
DIVISION
BM HYD NE CORNER
N.3RD ST.& W.RANDOLPH ST
ELEV: 111.93
DRIVEWAY
WIDTH
LOC.
SCHULHOF
19+00


20+00
NO. 8)
NO. 113
21+00
LOT 7
(30)
LOT 6
282-0431
30
LOT 5
282-0430
30
LOT 4
(30)
282-0428-100
LOT 3
(30)
*3459-61
*3465
60
*3473
3 RIS
4 RIS
2 RIS
3 RIS
4' CW
3.5' CW
LAWN
BES
GAS
(107.50)
(107.00)
(106.80)
(106.30)
106.20
105.70
(105.60)
(105.10)
105.05
104.55
(104.50)
(104.00)
REM & CONST 3
0.08' CROWN
16'
36'
15'
N. 3RD
MH 106.36
SMH
(107.55)
(106.82)
(106.20)
(105.52)
(105.00)
(104.40)
ROADLIFE
1916-1919 .1' VTAC ON
11.0' PENETR. TAR MACADAM
GRADE & CONST ASPH CONC PAV'T
(STAGE CONST) (SEE NOTE)
WATER
TEST CORE #8
0.8' ASPH/CONC-SOUND
0.8' ASPH/CONC-DISINTEG
5.6' ASPH/CONC-SOUND
REM & CON
R & R 7" CONC DWY
(107.10)
(107.60)
(106.35)
(106.85)
(105.70)
(106.20)
(104.95)
(105.45)
(104.45)
(104.95)
(103.80)
(104.30)
LAWN
LANNON
(107.95)
(106.58)
(106.70)
(106.13)
(106.25)
(104.50)
CHIS 'T' 20+00 25 RT
CHIS 'T' 21+00 25 RT
6'
5'
OBST.
SAW @ BOR
(107.78)
SAW
R & R 7" CONC ALLEY PAV'T
CONC WALL
HAND RAIL
*3460
42.5
282-2313
15
ALLEY
*3406
30
282-2314
DRIVEWAY
WIDTH
LOC.
*1237 W. KEEFE AVE.
(115)
85
282-2315-100-2
LOT 14
CONC
(BLK. NO. 1)
SUBDIVISION
20+00
21+00


LOT 1
282-0426
36
*301 W. KEEFE AVE.
W. KEEFE AVE.
ST.
22+00
22+00
66
66
COMM
GAS
BES
WATER
ASPH
CONC
STONE Cb
PED RAMP
TRAF SIG
WGV
SMH
MH 103.82
GRAVEL
2010
2010 31" VFCC&G
31" VFCC & G
CONST 31" VFCC & G
+15⁰
℄ PT
(104.20)
(103.70)
(104.15)
(104.05)
(103.40)
(103.90)
27⁵
13⁰
28⁰
21.2
CHIS CROSS
21+33⁴⁵
ON C/L
CHIS "T"
21+32⁷
25⁰RT
ROADLIFE
2010 8.0" CONC PAVMT
(NOT UPDATED)
104.39
104.36
104.40
104.43
104.44
104.41
104.19
104.14
104.11
104.12
104.00
104.03
104.48
104.05
103.70
103.75
103.90
103.75
103.65
103.52
103.42
103.31
103.21
103.09
102.89
102.73
103.71
103.58
103.48
103.36
103.22
103.13
102.99
102.97
102.87
102.85
102.50
102.46
102.42

BM HYD SE CORNER
N.3RD ST.& W.KEEFE AV.
ELEV: 104.55

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

LEVELS BY:	J. LUECKING
DATE:	08-30-12
DRAWN BY:	F. BARBARA
DATE:	09-05-12
FILE NO:	28106

TRANSIT LINE IS THE CENTER LINE
OF THE R.O.W.
BASED ON CURB SPLITS
STATION 1+00
IS THE NORTH LINE
OF W. AUER AVE

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.						
☒	3' ASPHALT BINDER							
☒	6' 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

FILE NO. 18

DEPARTMENT OF PUBLIC WORKS

INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

PLAN OF: N. 3RD ST.
W. AUER AVE. TO W. KEEFE AVE.

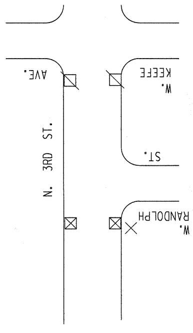
THIS SECTION: A PT 570' +/-N. OF W. CONCORDIA AVE. TO W.KEEFE AVE.

DRAWN BY	C. BLACK	DATE: 02-03-00	PROJECT NO. ST211110116		SHEET 3 OF 3
DESCRIPTIONS BY	C. BLACK	DATE: 02-03-00			
LEVELS BY	J. LUECKING	DATE: 03-19-12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	F. BARBARA	DATE: 09-15-12	1"=10'	282	6
DESIGNED BY	S. SYLVAN	DATE: 01-14-13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	P. VELLA	DATE: 02-27-13	REVISED: 1/9/14 ADDED SEWER DRAIN		
CHECKED BY	D. Ulshoeh	DATE: 4/30/13	REVISED:		
APPROVED BY		DATE: 5/1/13	REVISED:		
FILE: V:\PWELIB\PAVING\28106.FIN					
PLOT DATE: 19-APR-2013					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W. - 2	RESET - 0	ABANDON - 1
PROJECT IN COMBINED AREA		

DATE / TO	5/2/13	1/14/14			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD		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				
TrafficEng RM506	1	15			
PLAN SIZE	12" X 108"				


N. 3RD ST.
W. KEEFE AVE.
W. RANDOLPH ST.

EROSION CONTROL	AND C.B. REQUISITION			PLAN
TYPE M	☒-CBW	☐-RESET	X-ABANDON	☐ NO WORK
THIS SHEET 4	2	0	1	

N. 3RD ST. - W. AUER AVE. TO W. KEEFE AVE.

A PT. 570' +/- N. OF W. CONCORDIA AVE. TO W. KEEFE AVE. ST211110116 12" X 108" # 28106 (3 OF 3)