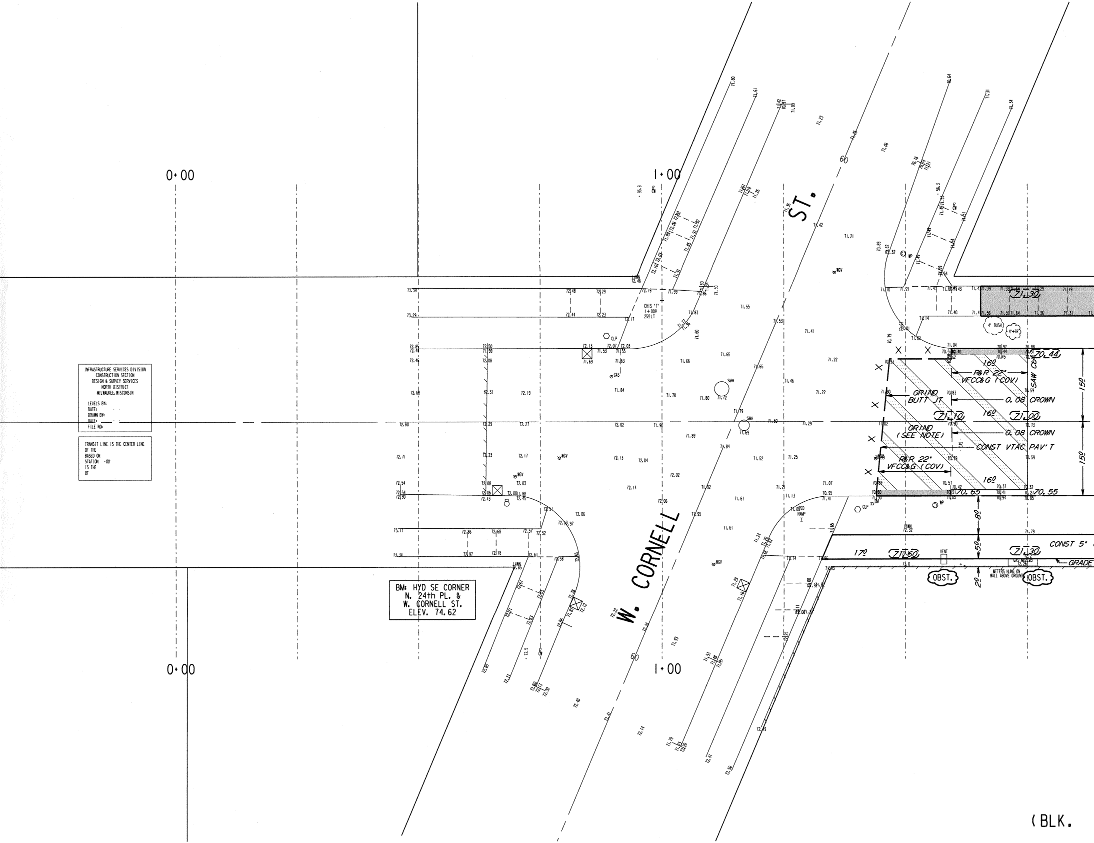

0+00
1+00
0+00
1+00
W. CORNELL
ST.
60
60
CHIS "T"
1+002
25.0 LT
CLP
GAS
SMH
SMH
WGV
WP
LAWN
72.46
LAWN
72.85
LAWN
72.32
PED
RAMP
4' BUSH
4"+TR
71.30
70.44
R&R 22"
VFCC&G (COV)
SAW CO
GRIND
BUTT JT
0.08 CROWN
71.10
71.00
16'
16'
16'
GRIND
(SEE NOTE)
0.08 CROWN
CONST VTAC PAV'T
R&R 22"
VFCC&G (COV)
70.65
70.55
15'
15'
8'
5'
2'
17'
71.60
71.30
CONST 5'
GRADE
VENT
OBST.
OBST.
METERS HUNG ON
WALL ABOVE GROUND
GAS METERS
(BLK.

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

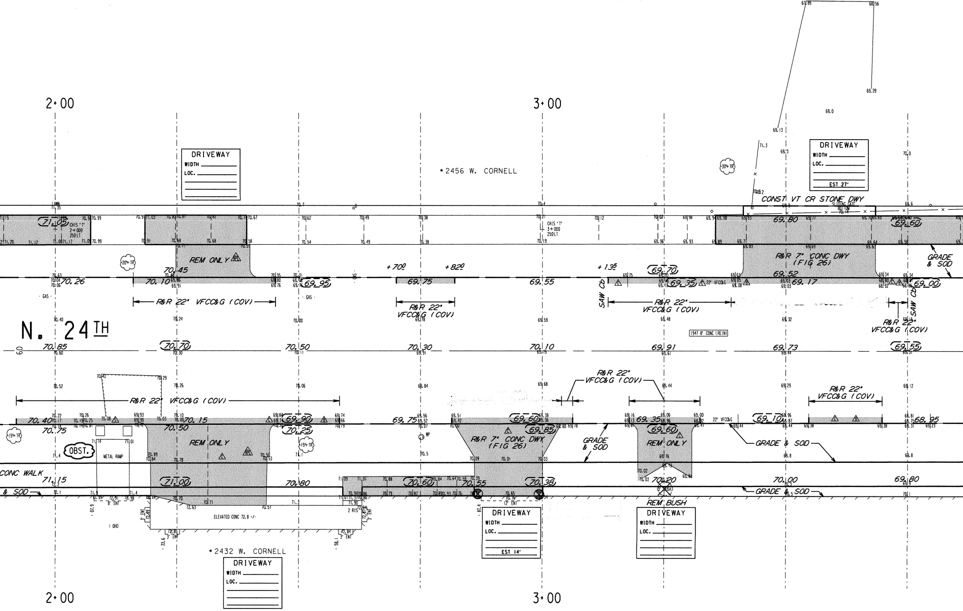
LEVELS BY:
DATE:
DRAWN BY:
DATE:
FILE NO:

TRANSIT LINE IS THE CENTER LINE
OF THE
BASED ON
STATION +00
IS THE
OF

BM: HYD SE CORNER
N. 24th PL. &
W. CORNELL ST.
ELEV. 74.62

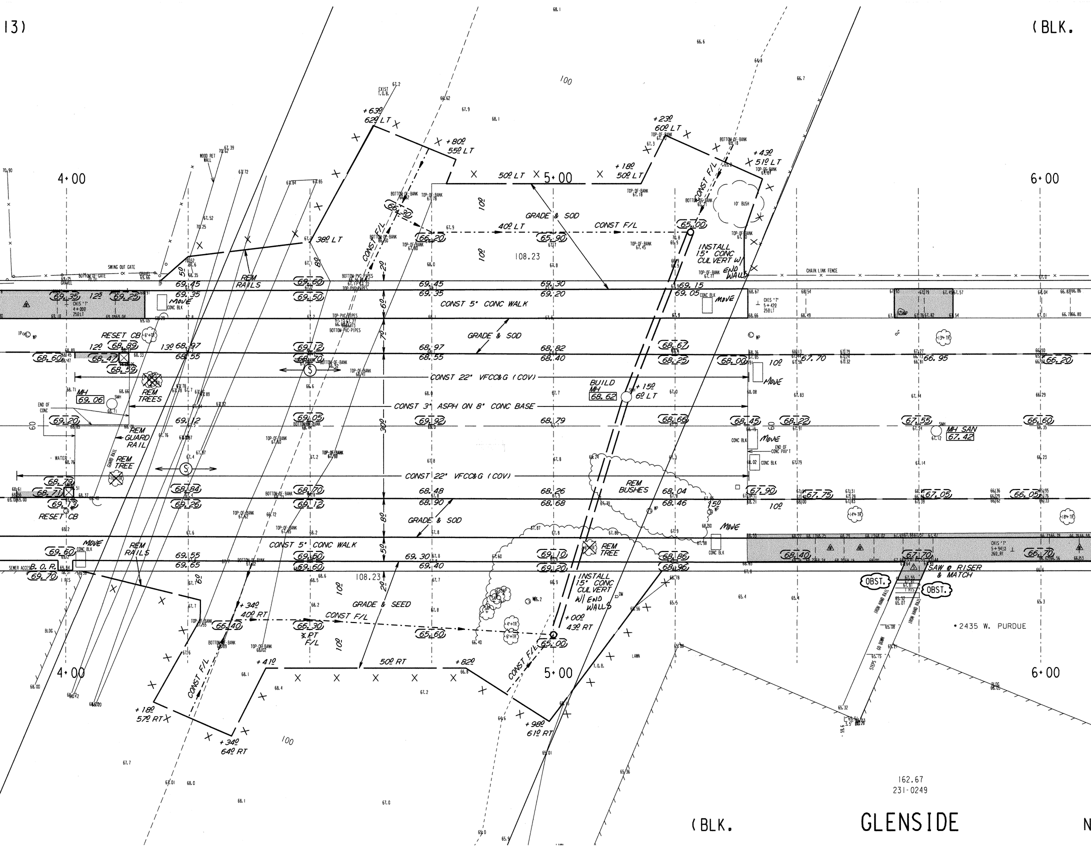
(BLK. GLENSIDE NO.

231-0337
271.12


2+00
3+00
DRIVEWAY
WIDTH
LOC.
*2456 W. CORNELL
DRIVEWAY
WIDTH
LOC.
EST 27'
CONST VT CR STONE DWY
SLIDING GATE
CHIS "T" 2+009 259LT
CHIS "T" 3+009 259LT
REM ONLY
R&R 7" CONC DWY (FIG 26)
GRADE & SOD
+70⁰
+82⁰
+13⁵
SAW Cb
R&R 22" VFCC&G (COV)
R&R 22" VFCC&G (COV)
R&R 22" VFCC&G (COV)
R&R 22" VFCC&G (COV)
N. 24TH
1947 8" CONC (REIN)
R&R 22" VFCC&G (COV)
R&R 22" VFCC&G (COV)
R&R 22" VFCC&G (COV)
REM ONLY
R&R 7" CONC DWY (FIG 26)
GRADE & SOD
REM ONLY
GRADE & SOD
OBST.
METAL RAMP
CONC WALK
& SOD
ELEVATED CONC 72.8 +/-
8' ENT
3' ENT
2 RIS
12' ENT
REM BUSH
GRADE & SOD
DRIVEWAY
WIDTH
LOC.
EST 14'
DRIVEWAY
WIDTH
LOC.
*2432 W. CORNELL
DRIVEWAY
WIDTH
LOC.
2+00
3+00
15"+ TR
20"+ TR
30"+ TR
GAS
1 OHD
22' VFCC&G

271.12
231-0252

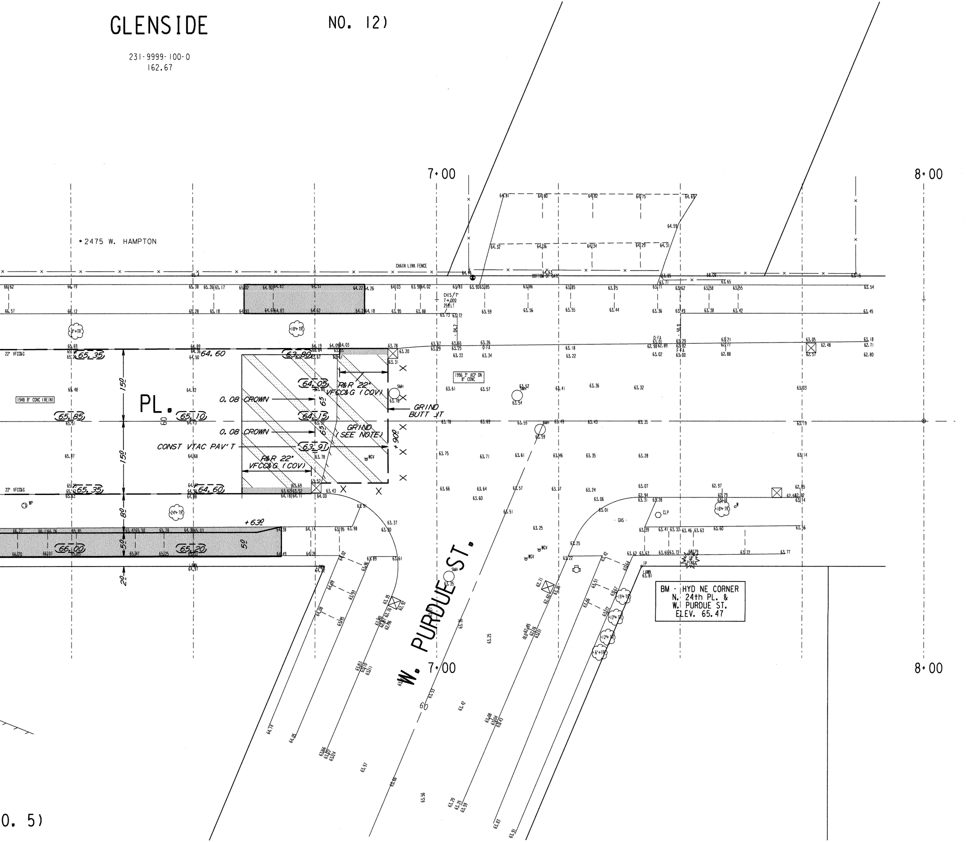
GLENSIDE NO. 6)

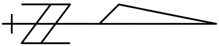

13)
(BLK.
4+00
5+00
6+00
100
+63.0
62.0 LT
+80.0
55.0 LT
50.0 LT
+18.0
50.0 LT
+23.0
60.0 LT
+43.0
51.0 LT
38.0 LT
10' BUSH
WOOD RET WALL
SWING OUT GATE
GRAVEL
CHAIN LINK FENCE
CONST F/L
GRADE & SOD
40.0 LT
108.23
REM RAILS
INSTALL 15" CONC CULVERT W/ END WALLS
MOVE CONC BLK
CONST 5" CONC WALK
CHIS 'T' 4+00.0 25.0 LT
CHIS 'T' 5+42.9 25.0 LT
RESET CB
MH 69.06
REM TREES
REM GUARD RAIL
REM TREE
CONST 22" VFCC&G (COV)
CONST 3" ASPH ON 8" CONC BASE
BUILD MH 68.62
+15.0
6.0 LT
MH SAN 67.42
END OF CONC PAV'T
END OF CONC
WATER
REM BUSHES
REM TREE
GRADE & SEED
108.23
+34.0
40.0 RT
PT F/L
+00.0
43.0 RT
+41.0
50.0 RT
+82.0
+18.0
57.0 RT
+34.0
64.0 RT
+98.0
61.0 RT
SEWER ACCESS
B.O.R.
SAW & RISER & MATCH
OBST.
OBST.
CHIS 'T' 5+94.3 26.0 RT
IRON HAND RAIL
IRON HAND RAIL
STEPS GO DOWN
• 2435 W. PURDUE
BLDG
LAWN
T.O.B.
162.67
231-0249
(BLK.
GLENSIDE
N

GLENSIDE

NO. 12)

231-9999-100-0
162.67


7+00
8+00
*2475 W. HAMPTON
CHAIN LINK FENCE
BOTTOM OF GATE
CHIS/T* 7+00@ 25'LT
PL.
60
W. PURDUE ST.
60
150
150
80
50
20
0.08 CROWN
0.08 CROWN
CONST VTAC PAV'T
R&R 22' VFCC&G (COV)
R&R 22' VFCC&G (COV)
GRIND BUTT JT
GRIND (SEE NOTE)
+90
+63
65.35
64.60
63.80
64.05
64.15
63.91
65.85
65.10
65.35
64.60
66.00
65.20
1948 8" CONC (REIN)
1996 3" ACP ON 8" CONC
22' VFCC&G
22' VFCC&G
SMH
WGV
CLP
GAS
IP
PING
O-FA
F-FA
18"+TR
18"+TR
24"+TR
16"+TR
15"+TR
12"+TR
12"+TR
6"+TR
BM - HYD NE CORNER
N. 24th PL. &
W. PURDUE ST.
ELEV. 65.47
0. 5)



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.*
- *ANY TREE 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).*
- *IN AREAS OF GRINDING, GRIND TO ACHIEVE:*
  - *0.12' MINIMUM COVER AT FLANGES,*
  - *0.17' AT BUTT JOINTS, AND*
  - *0.21' MINIMUM ELSEWHERE.*
- *PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES WITH A 0.08 CROWN IN EACH PASS REDUCING THROUGH THE INTERSECTIONS AS SHOWN.*
- *REMOVE ALL ASPHALTIC PATCHES WITHIN LIMITS OF CONSTRUCTION.*

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.						
☒	22" CONCRETE CURB & GUTTER	L.F.						
☒	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
☒	5" CONCRETE WALK	S.F.						
☒	15" CONC CULVERT PIPE	L.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.						
☒	JOINT & CRACK REPAIR	L.F.						425
	CRACK & 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. 196

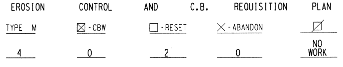
PLAN OF: N. 24TH PL. (2400 W - 4600 N)

W. CORNELL ST. TO W. PURDUE ST.

THIS SECTION:

DRAWN BY	B.MATHENY	DATE: 6-13-13	PROJECT NO. ST210130101		SHEET 1 OF 1
DESCRIPTIONS BY	B.MATHENY	DATE: 6-13-13			
LEVELS BY	TEKLESILASSIE	DATE: 5-15-13	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	M.BRESINA	DATE: 5-18-13	1" = 10'	231	1
DESIGNED BY	R.DUCHOW	DATE: 6-6-13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	B.MATHENY	DATE: 6-13-13	REVISED:		
CHECKED BY	D. Ulatowski	DATE: 7/2/13	REVISED:		
APPROVED BY		DATE: 7/8/13	REVISED:		
FILE: V:\PWELIB\PAVING\29358.FIN					
PLOT DATE: 01-JUL-2013					

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



ST.
N. 24TH
PL.
W. CORNELL
W. PURDUE ST.

TO \ DATE	7/8/13	8/23/13			
ESTIMATING	1·				
HOLLOW WALKS	1·				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1·				
BLDG. SEWERS	1·				
MEASURING		1			
FIELD		1			
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S	1·				
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1·				
Traffic Eng	1·				
Rm 506		15			
PLAN SIZE	17.5'X116'				

EROSION CONTROL AND C.B. REQUISITION PLAN

TYPE M	☒ - CBW	☐ - RESET	✕ - ABANDON	☐
4	0	2	0	NO WORK

N. 24TH PL. - W. CORNELL ST. TO W. PURDUE ST. ST210130101 17.5"X116" 29358 # (1 OF 1)