

2

1

A	- BLACK
B	- RED
C	- BLUE
D	- BROWN
E	- ORANGE
F	- YELLOW
240V PHASE-PHASE	

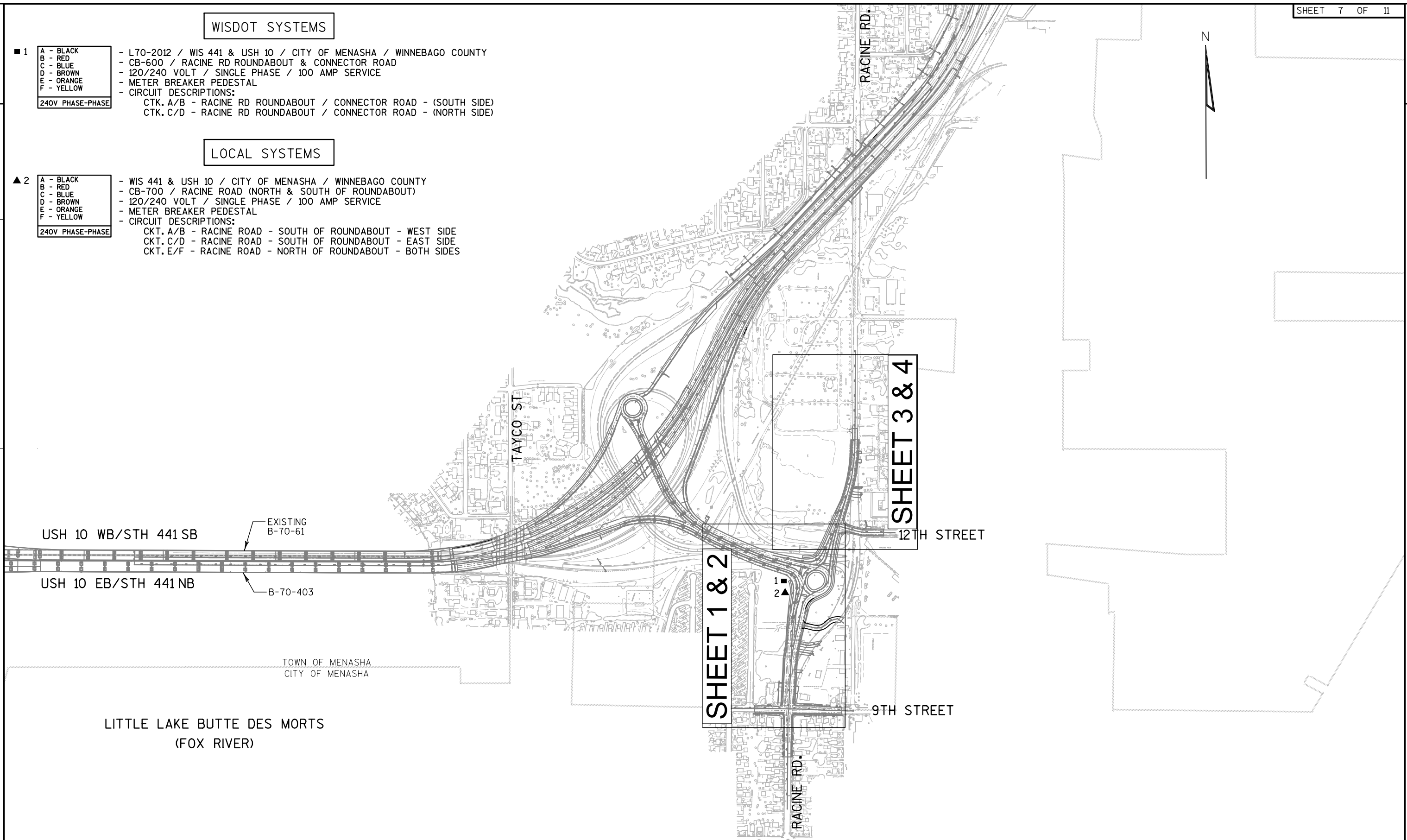
- L70-2012 / WIS 441 & USH 10 / CITY OF MENASHA / WINNEBAGO COUNTY
- CB-600 / RACINE RD ROUNDABOUT & CONNECTOR ROAD
- 120/240 VOLT / SINGLE PHASE / 100 AMP SERVICE
- METER BREAKER PEDESTAL
- CIRCUIT DESCRIPTIONS:
 - CTK. A/B - RACINE RD ROUNDABOUT / CONNECTOR ROAD - (SOUTH SIDE)
 - CTK. C/D - RACINE RD ROUNDABOUT / CONNECTOR ROAD - (NORTH SIDE)

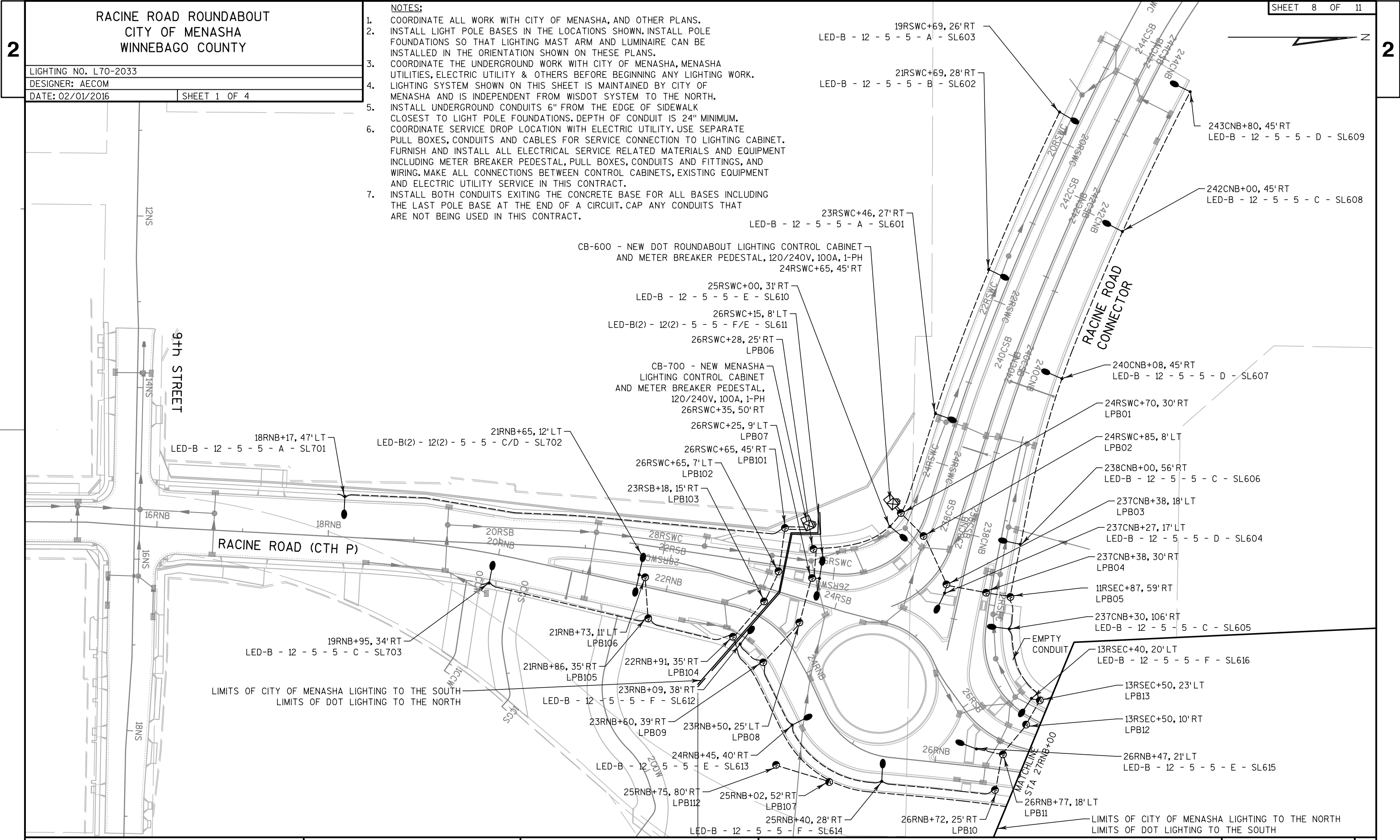
LOCAL SYSTEMS

2

A	- BLACK
B	- RED
C	- BLUE
D	- BROWN
E	- ORANGE
F	- YELLOW
240V PHASE-PHASE	

- WIS 441 & USH 10 / CITY OF MENASHA / WINNEBAGO COUNTY
- CB-700 / RACINE ROAD (NORTH & SOUTH OF ROUNDABOUT)
- 120/240 VOLT / SINGLE PHASE / 100 AMP SERVICE
- METER BREAKER PEDESTAL
- CIRCUIT DESCRIPTIONS:
 - CKT. A/B - RACINE ROAD - SOUTH OF ROUNDABOUT - WEST SIDE
 - CKT. C/D - RACINE ROAD - SOUTH OF ROUNDABOUT - EAST SIDE
 - CKT. E/F - RACINE ROAD - NORTH OF ROUNDABOUT - BOTH SIDES





2

RACINE ROAD ROUNDABOUT
CITY OF MENASHA
WINNEBAGO COUNTY

LIGHTING NO. L70-2033

DESIGNER: AECOM

DATE: 02/01/2016

SHEET 1 OF 4

- NOTES:
1. COORDINATE ALL WORK WITH CITY OF MENASHA, AND OTHER PLANS.
 2. INSTALL LIGHT POLE BASES IN THE LOCATIONS SHOWN. INSTALL POLE FOUNDATIONS SO THAT LIGHTING MAST ARM AND LUMINAIRE CAN BE INSTALLED IN THE ORIENTATION SHOWN ON THESE PLANS.
 3. COORDINATE THE UNDERGROUND WORK WITH CITY OF MENASHA, MENASHA UTILITIES, ELECTRIC UTILITY & OTHERS BEFORE BEGINNING ANY LIGHTING WORK.
 4. LIGHTING SYSTEM SHOWN ON THIS SHEET IS MAINTAINED BY CITY OF MENASHA AND IS INDEPENDENT FROM WISDOT SYSTEM TO THE NORTH.
 5. INSTALL UNDERGROUND CONDUITS 6" FROM THE EDGE OF SIDEWALK CLOSEST TO LIGHT POLE FOUNDATIONS. DEPTH OF CONDUIT IS 24" MINIMUM.
 6. COORDINATE SERVICE DROP LOCATION WITH ELECTRIC UTILITY. USE SEPARATE PULL BOXES, CONDUITS AND CABLES FOR SERVICE CONNECTION TO LIGHTING CABINET. FURNISH AND INSTALL ALL ELECTRICAL SERVICE RELATED MATERIALS AND EQUIPMENT INCLUDING METER BREAKER PEDESTAL, PULL BOXES, CONDUITS AND FITTINGS, AND WIRING. MAKE ALL CONNECTIONS BETWEEN CONTROL CABINETS, EXISTING EQUIPMENT AND ELECTRIC UTILITY SERVICE IN THIS CONTRACT.
 7. INSTALL BOTH CONDUITS EXITING THE CONCRETE BASE FOR ALL BASES INCLUDING THE LAST POLE BASE AT THE END OF A CIRCUIT. CAP ANY CONDUITS THAT ARE NOT BEING USED IN THIS CONTRACT.

RACINE ROAD ROUNDABOUT
CITY OF MENASHA
WINNEBAGO COUNTY

LIGHTING NO. L70-2033

DESIGNER: AECOM

DATE: 02/01/2016

SHEET 2 OF 4

J =

CB-700	2	3"
A	2	#8 1 8
B	--	-- --
C	2	#8 1 8
D	2	#8 -- --
E	2	#6 1 8
F	2	#6 -- --

K =

CB-700	1	2"
A	2	#8 1 8

L =

CB-700	1	3"
C	2	#8 1 8
D	2	#8 --
E	2	#6 1 8
F	2	#6 -- --

M =

CB-700	1	2"
C	2	#8 1 8

N =

CB-700	1	2"
E	2	#6 1 8
F	2	#6 -- --

O =

CB-700	1	2"
C(2)	4	#8 1 8
D	2	#8 1 8

P =

CB-700	1	2"
C	2	#8 1 8
D	2	#8 -- --

A =

CB-600	2	3"
A	2	#8 1 8
B	2	#8 -- --
C	2	#8 1 8
D	2	#8 -- --
E	2	#8 1 8
F	2	#8 -- --

B =

CB-600	1	2"
A	2	#8 1 8
B	2	#8 --

C =

CB-600	1	3"
C	2	#8 1 8
D	2	#8 --

D =

CB-600	1	2"
C	2	#8 1 8
D	2	#8 -- --

E =

CB-600	1	3"
E	2	#8 1 8
F	2	#8 -- --

F =

CB-600	1	2"
E	2	#8 1 8
F	2	#8 -- --

G =

CB-600	1	2"
A	2	#8 1 8

H =

CB-600	1	2"
D	2	#8 1 8

I =

CB-600	1	2"
F	2	#8 1 8

Q =

CB-600	1	3"
F	2	#8 1 8

R =

CB-600	1	2"
C(2)	4	#8 1 8
D(2)	4	#8 1 8

U =

CB-600	1	2"
E	2	#8 2 8

V =

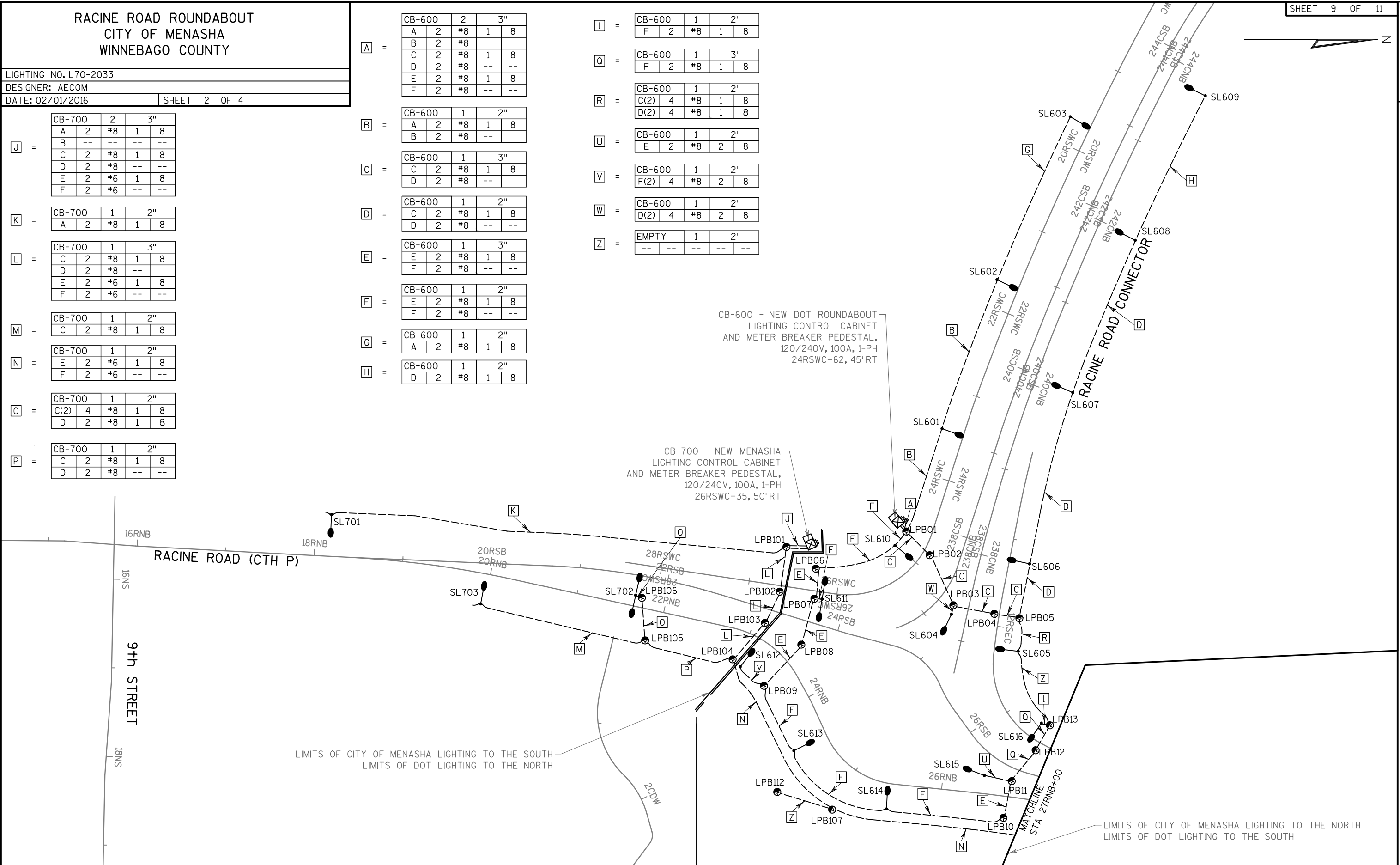
CB-600	1	2"
F(2)	4	#8 2 8

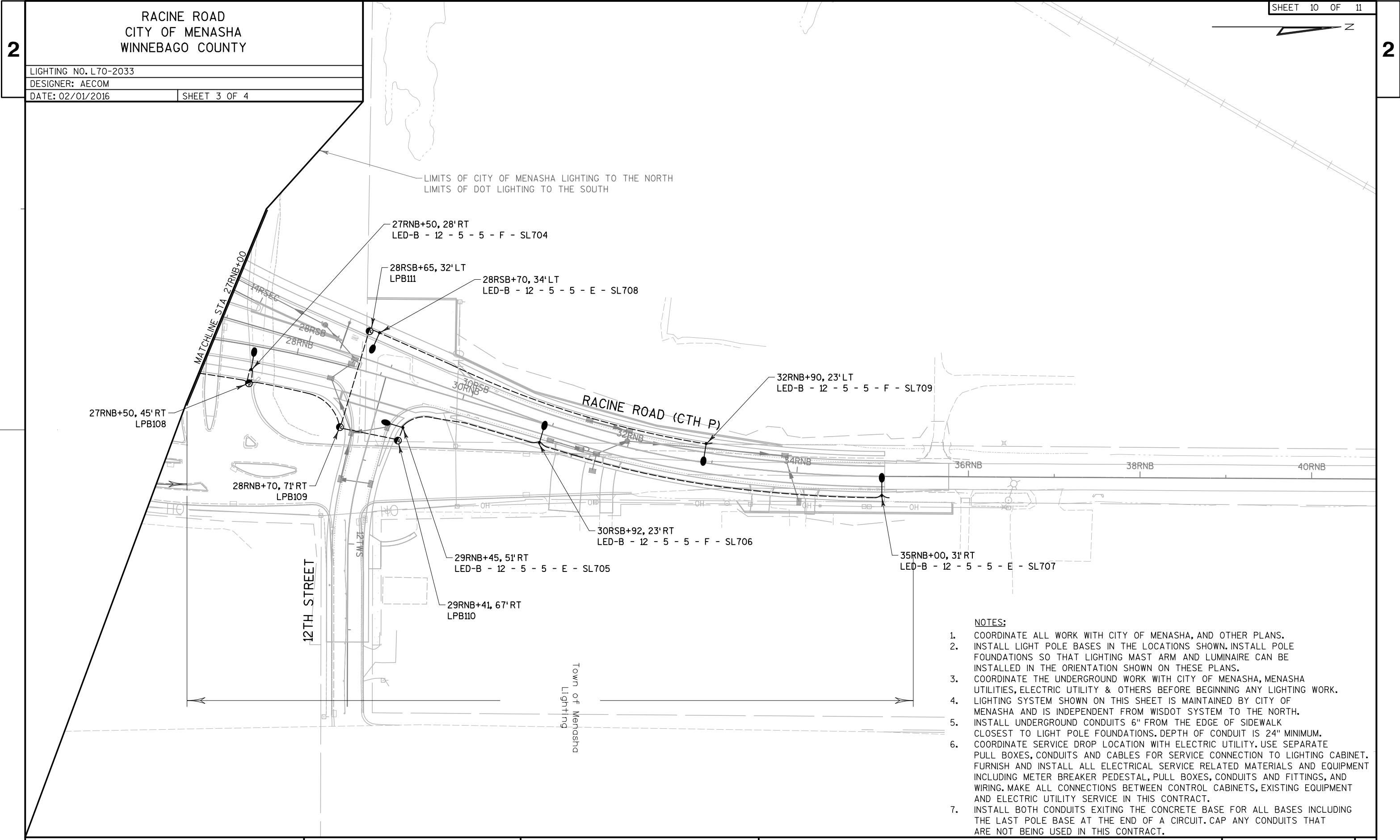
W =

CB-600	1	2"
D(2)	4	#8 2 8

Z =

EMPTY	1	2"
--	--	-- --







RACINE ROAD
CITY OF MENASHA
WINNEBAGO COUNTY

LIGHTING NO. L70-2033

DESIGNER: AECOM

DATE: 09/15/2015

SHEET 4 OF 4

[N]	=				
	CB-700	1	2"		
	E	2	#6	1	8
[S]	=				
	CB-700	1	2"		
	E(2)	4	#6	1	8
[T]	=				
	CB-700	1	3"		
	E	2	#6	1	8
[F]	=				
	CB-700	1	2"		
	F	2	#6	--	--

LIMITS OF CITY OF MENASHA LIGHTING TO THE NORTH
LIMITS OF DOT LIGHTING TO THE SOUTH

MATCHLINE STA 27RNB+00

14RSEC
28RSB
28RNB

12TH STREET

12TWS

LPB111
SL708

SL704
LPB108

LPB109

SL705
LPB110

30RSB
30RNB

SL706

32RNB

RACINE ROAD (CTH P)

SL709

34RNB

SL707

36RNB

38RNB

40RNB