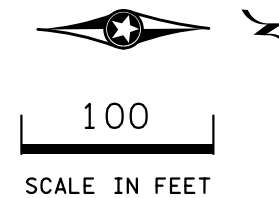
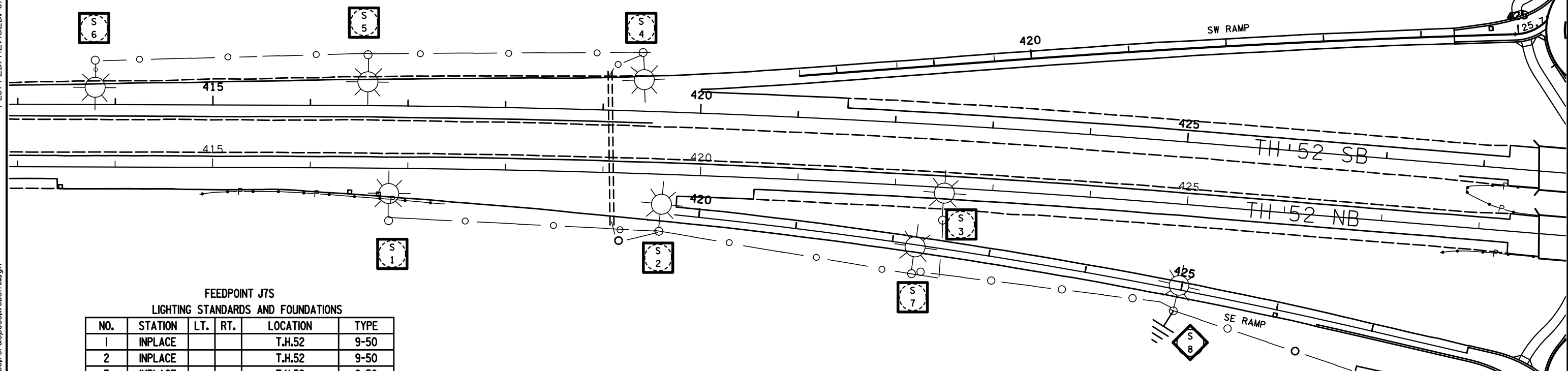


SEE LEGEND SHEET 5



PLOTTED/REVISED: 07-JUL-2016

DISTRICT #: DISTRICT \*  
 IPLOT NAME: sample lighting for website  
 PATH & FILENAME: Documents\OT ST\Lighting/sample&space\lighting&space\or&space\website.dgn



FEEDPOINT J7S  
 LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	INPLACE			T.H.52	9-50
2	INPLACE			T.H.52	9-50
3	INPLACE			T.H.52	9-50
4	INPLACE			T.H.52	9-50
5	INPLACE			T.H.52	9-50
6	INPLACE			T.H.52	9-50
7	INPLACE			N.E RAMP	6-50
8	425 + 05			N.E RAMP	9-40

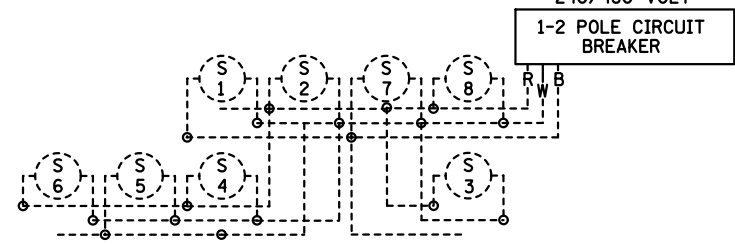
**LEGEND**

- OR REMOVE INPLACE LIGHTING UNIT  
REMOVE LIGHT FOUNDATION
- SALVAGE SERVICE CABINET
- REMOVE LUMINAIRE
- SALVAGE LIGHTING UNIT  
REMOVE LIGHT FOUNDATION
- SALVAGE SERVICE CABINET  
REMOVE CABINET FOUNDATION
- REMOVE LIGHTING UNIT
- INPLACE SERVICE CABINET
- REMOVE HANDHOLE

NOTE: REMOVE INPLACE ARMORED CABLE.  
 REMOVE CABLES IN BARRIER.  
 CUT OFF ANCHOR BOLTS IN BARRIER FLUSH  
 WITH TOP OF BARRIER.

PAD MOUNTED SOURCE OF POWER  
 SERVICE CABINET SECONDARY TYPE L1  
 240/480 VOLT (METERED) Fd. Pt. J07S  
 3-1/C #2 FROM SERVICE  
 CABINET to XCEL TRANSFORMER  
 EQUIPMENT PAD TYPE 'A'

DASHED LINES DENOTE INPLACE ITEMS  
 B AND R DENOTE CURRENT CARRYING CONDUCTORS  
 W DENOTES NEUTRAL CONDUCTOR  
 FD. PT. J7S  
 240/480 VOLT



FEED POINT J7S

BY	DATE	REVISIONS
DRAWN BY: DC	CKD BY:	DATE:

CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863 DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

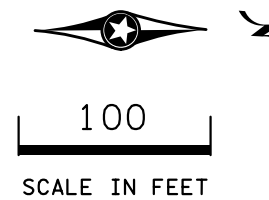
**SALVAGE AND REMOVAL PLAN**

STATE PROJ.NO.1928-60(T.H. 52) SHEET NO. 7 OF 31 SHEETS

SEE LEGEND SHEET 5

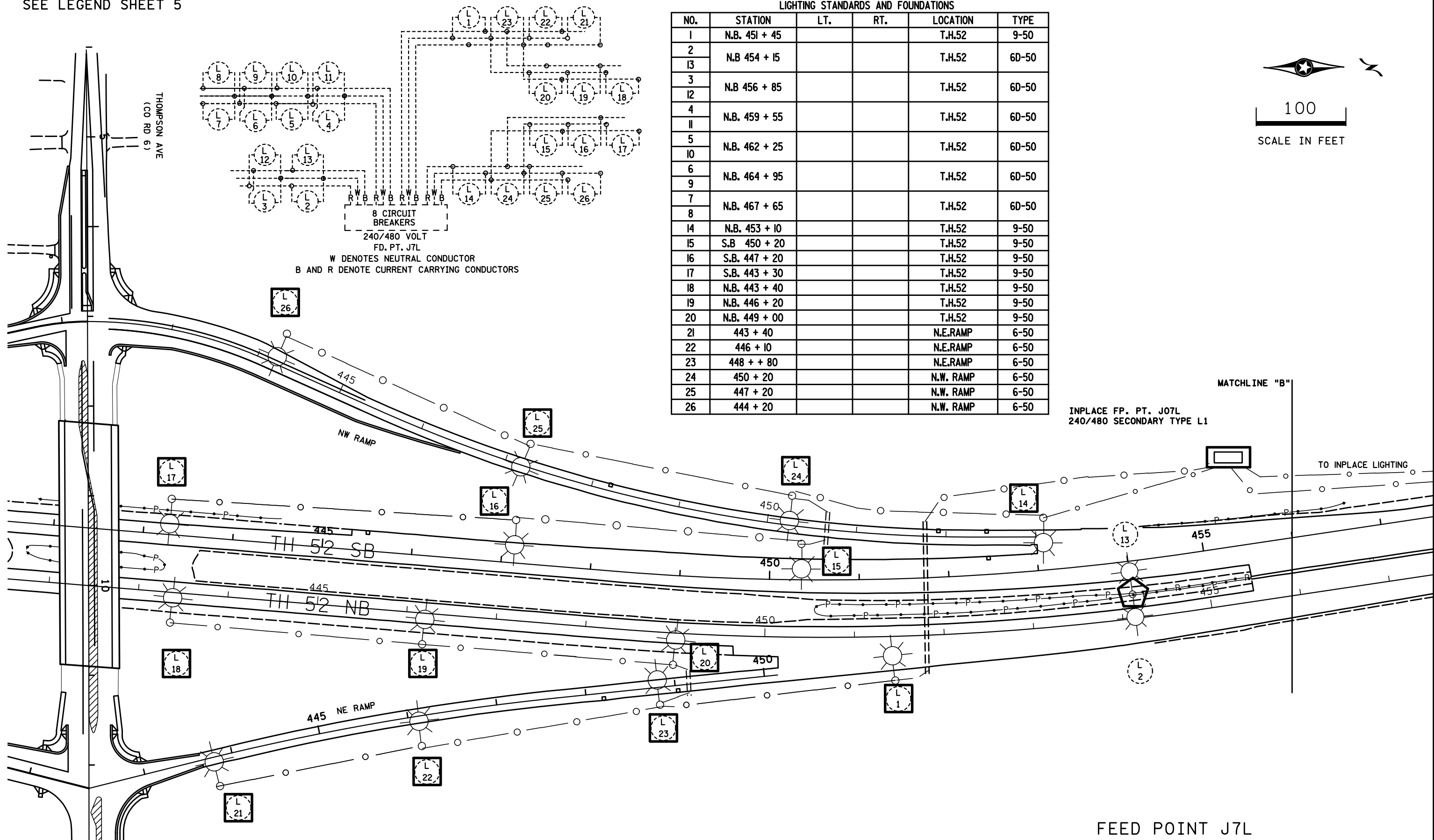
FEEDPOINT J7L  
LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	N.B. 451 + 45			T.H.52	9-50
2	N.B. 454 + 15			T.H.52	6D-50
13					
3	N.B. 456 + 85			T.H.52	6D-50
12					
4	N.B. 459 + 55			T.H.52	6D-50
11					
5	N.B. 462 + 25			T.H.52	6D-50
10					
6	N.B. 464 + 95			T.H.52	6D-50
9					
7	N.B. 467 + 65			T.H.52	6D-50
8					
14	N.B. 453 + 10			T.H.52	9-50
15	S.B. 450 + 20			T.H.52	9-50
16	S.B. 447 + 20			T.H.52	9-50
17	S.B. 443 + 30			T.H.52	9-50
18	N.B. 443 + 40			T.H.52	9-50
19	N.B. 446 + 20			T.H.52	9-50
20	N.B. 449 + 00			T.H.52	9-50
21	443 + 40			N.E.RAMP	6-50
22	446 + 10			N.E.RAMP	6-50
23	448 + + 80			N.E.RAMP	6-50
24	450 + 20			N.W. RAMP	6-50
25	447 + 20			N.W. RAMP	6-50
26	444 + 20			N.W. RAMP	6-50



PLOTTED/REVISED: 07-JUL-2016

DISTRICT \*: DISTRICT \*  
I/PLOT NAME: sample lighting for webstfel  
PATH & FILENAME: Documents/OT ST/ Lighting/sample&space;lighting&space;for&space;webstfel.dgn



FEED POINT J7L

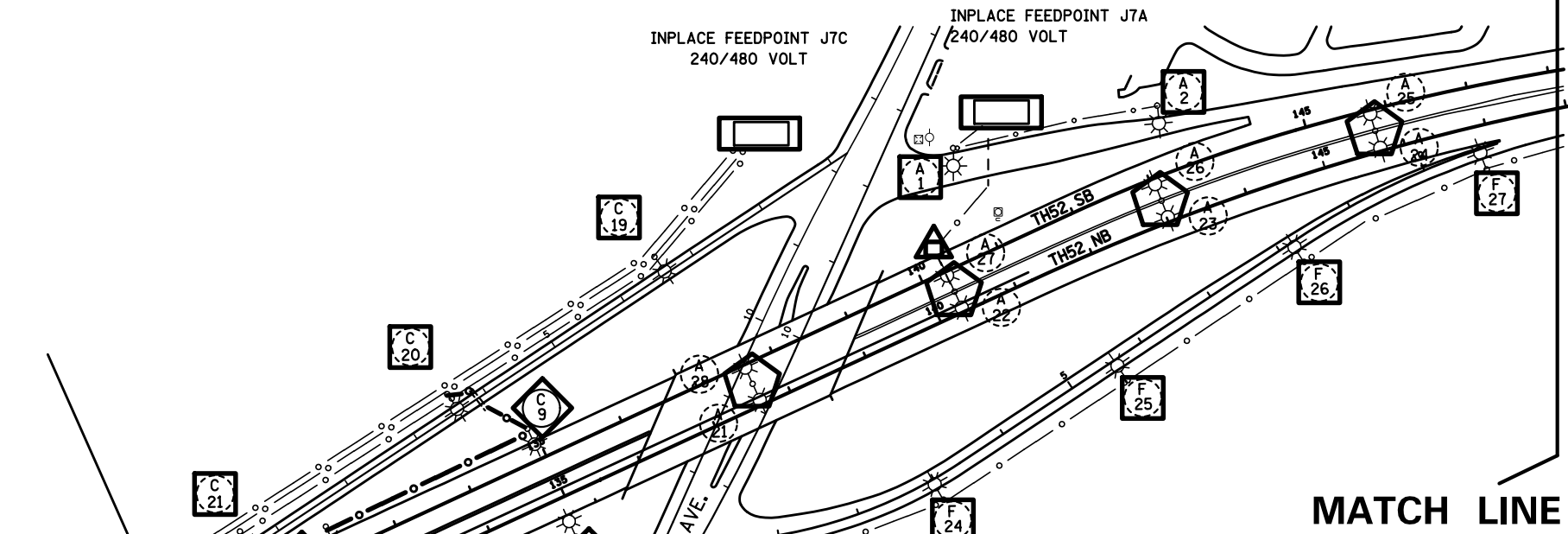
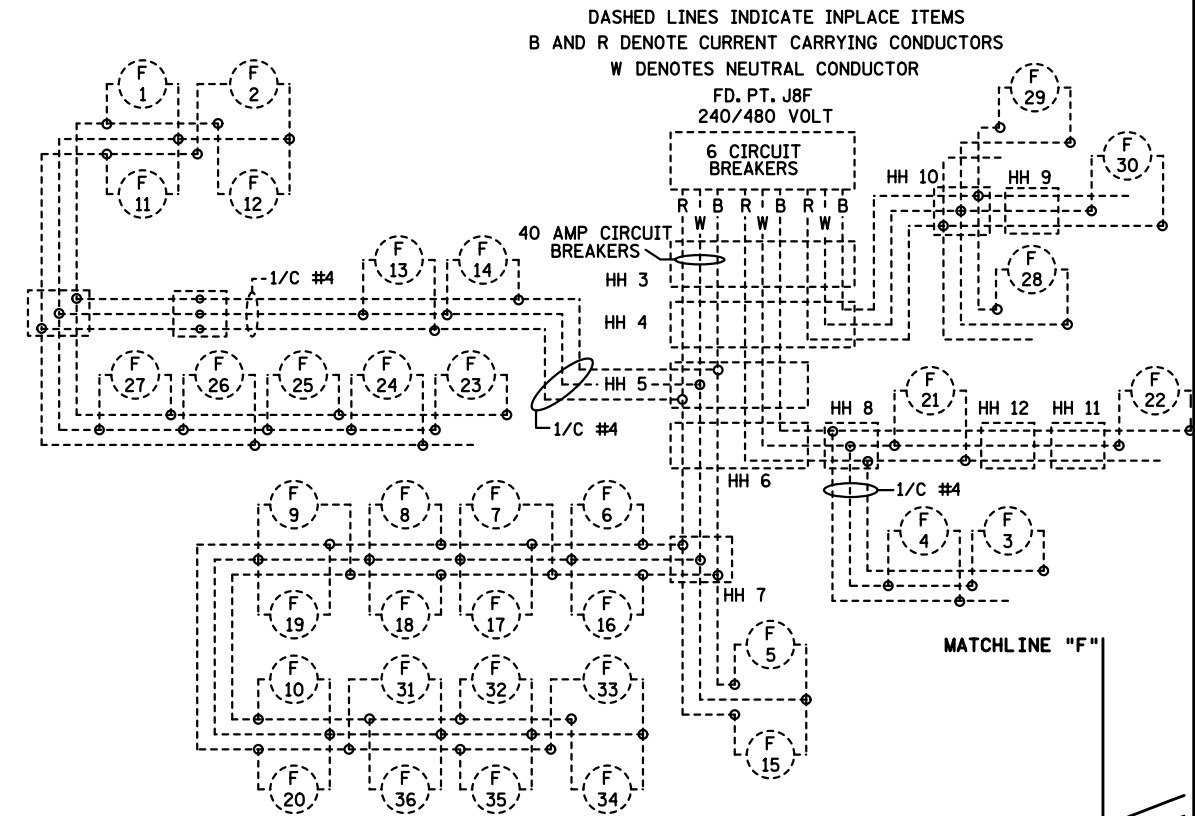
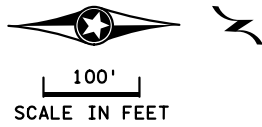
BY	DATE	REVISIONS	CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER	LIC. NO. 19863	DATE: 07-JUL-2016	STATE PROJ.NO.1928-60(T.H. 52)	SHEET NO. 9 OF 31 SHEETS
DRAWN BY: DC	CKD BY:	DATE:					

**SALVAGE AND REMOVAL PLAN**

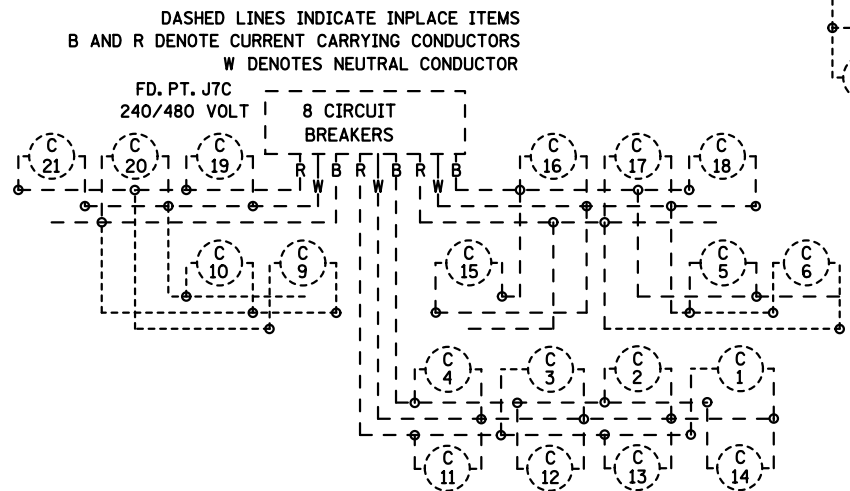
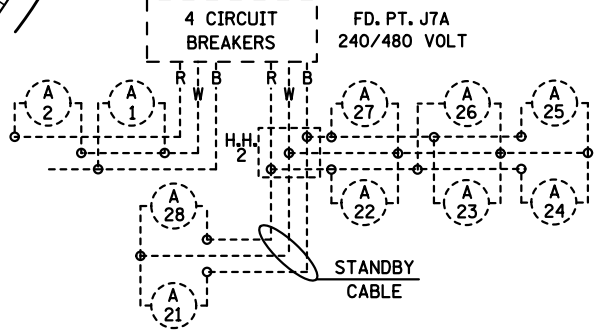
SEE LEGEND SHEET 5

FEEDPOINT J7A

LIGHTING STANDARDS AND FOUNDATIONS		
NO.	LOCATION	TYPE
1 - 2	RAMP B INPLACE	6-40
25 26 27	TH52 BARRIER INPLACE	6DB-50
24 23 22		
28 8	TH52 BARRIER INPLACE	6DB-50
21 7		



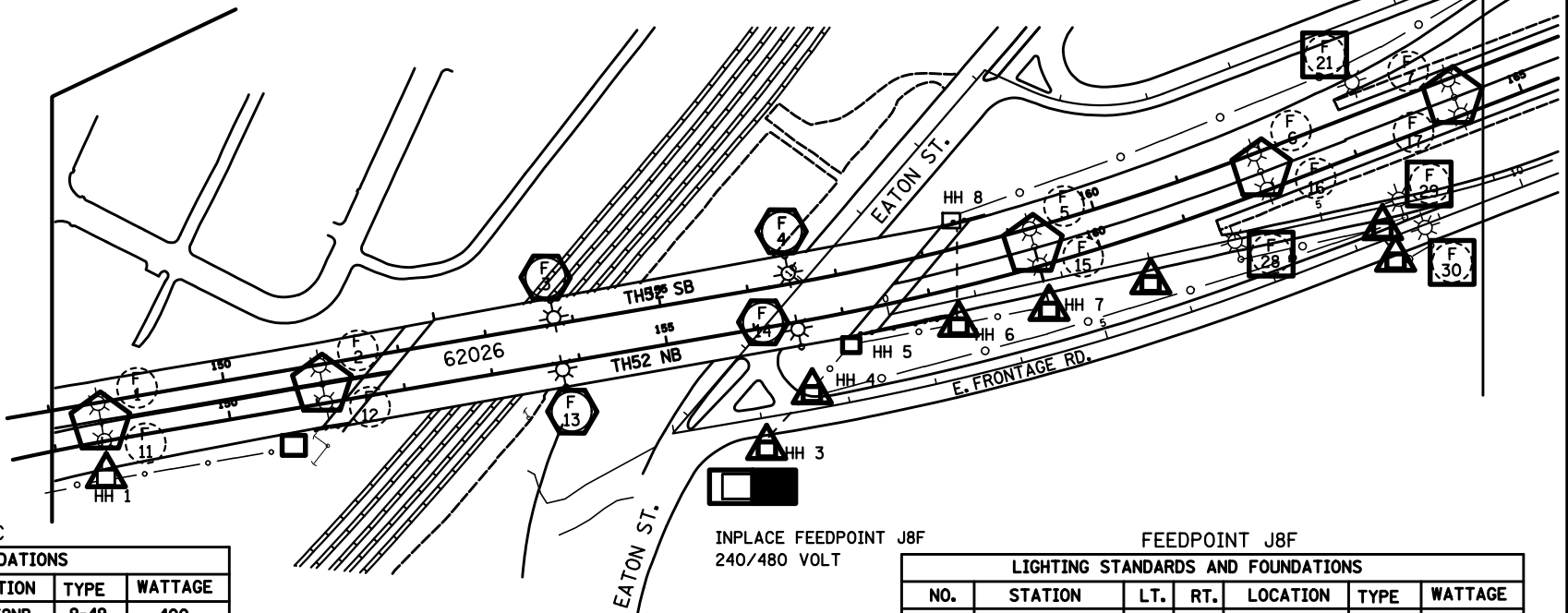
DASHED LINES INDICATE INPLACE ITEMS  
B AND R DENOTE CURRENT CARRYING CONDUCTORS  
W DENOTES NEUTRAL CONDUCTOR



FEEDPOINT J8C

LIGHTING STANDARDS AND FOUNDATIONS					
NO.	STATION	LT.	RT.	LOCATION	WATTAGE
5	132+20			TH52NB	9-49
6	134+90			TH52NB	↑
9	134+90			TH52SB	↑
10	132+20			TH52SB	9B-49

ALL OTHER LIGHTING REMAINS INPLACE



FEEDPOINT J8F

LIGHTING STANDARDS AND FOUNDATIONS					
NO.	STATION	LT.	RT.	LOCATION	WATTAGE
3	153+80			TH52NB	9B-49
4	156+50			TH52NB	↑
13	153+80			TH52SB	↑
14	156+50			TH52SB	9B-49

ALL OTHER LIGHTING REMAINS INPLACE

FEED POINT J7C, J7A, J8F

DISTRICT #: DISTRICT \*  
 I/PLOT NAME: sample lighting for website2  
 PATH & FILENAME: Documents/OT ST /Lighting/sample\lighting\space\or&space\website.dgn  
 PLOTTED/REVISED: 07-JUL-2016

BY	DATE	REVISIONS
DRAWN BY:	DC	CKD BY: DATE:

CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863 DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

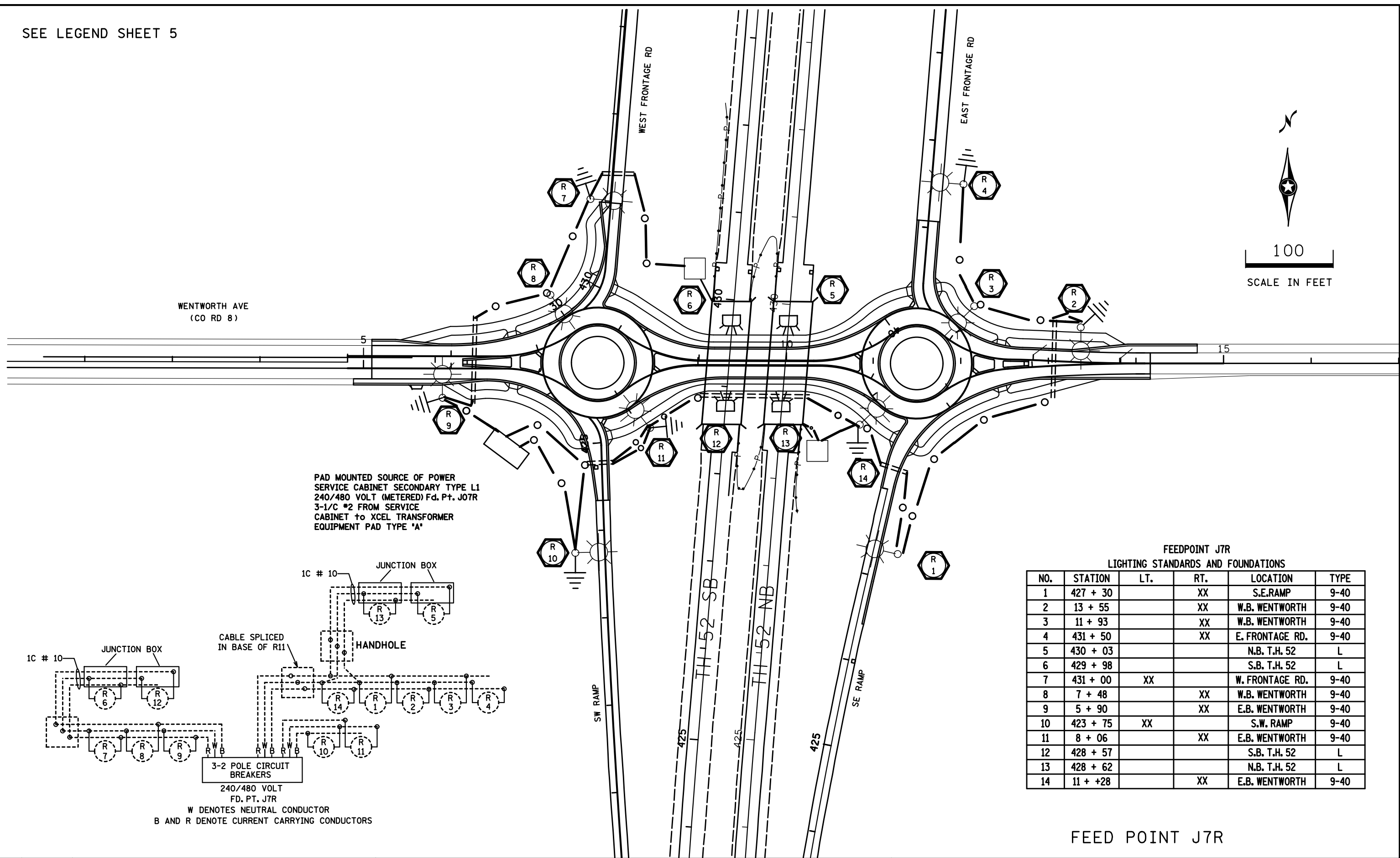
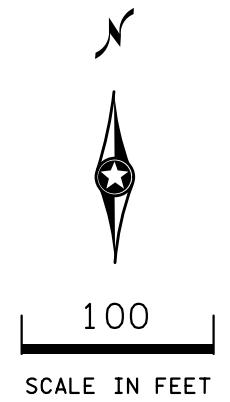
**SALVAGE AND REMOVAL PLAN**

STATE PROJ.NO.1928-60(T.H. 52) SHEET NO. 14 OF 31 SHEETS

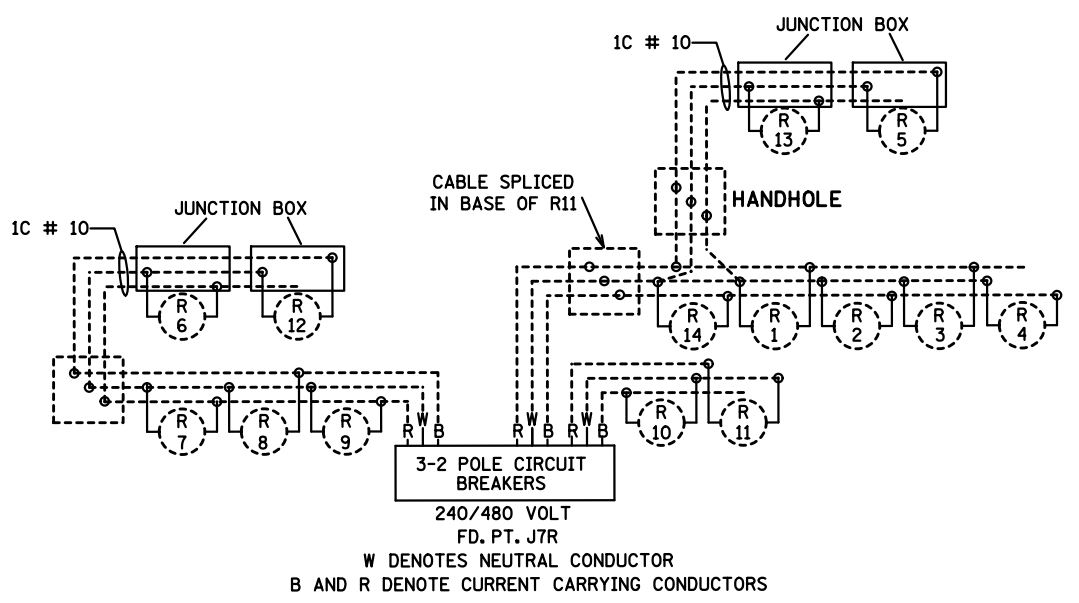
SEE LEGEND SHEET 5

PLOTTED/REVISED: 07-JUL-2016

DISTRICT #: DISTRICT \*  
 I/PLOT NAME: sample lighting for website3  
 PATH & FILENAME: Documents/OT ST/ Lighting/sample&space/lighting&spacefor&spacewebsite.dgn



PAD MOUNTED SOURCE OF POWER  
 SERVICE CABINET SECONDARY TYPE L1  
 240/480 VOLT (METERED) Fd. Pt. J07R  
 3-1/C #2 FROM SERVICE  
 CABINET to XCEL TRANSFORMER  
 EQUIPMENT PAD TYPE 'A'



FEEDPOINT J7R  
LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	427 + 30		XX	S.E.RAMP	9-40
2	13 + 55		XX	W.B. WENTWORTH	9-40
3	11 + 93		XX	W.B. WENTWORTH	9-40
4	431 + 50		XX	E. FRONTAGE RD.	9-40
5	430 + 03			N.B. T.H. 52	L
6	429 + 98			S.B. T.H. 52	L
7	431 + 00	XX		W. FRONTAGE RD.	9-40
8	7 + 48		XX	W.B. WENTWORTH	9-40
9	5 + 90		XX	E.B. WENTWORTH	9-40
10	423 + 75	XX		S.W. RAMP	9-40
11	8 + 06		XX	E.B. WENTWORTH	9-40
12	428 + 57			S.B. T.H. 52	L
13	428 + 62			N.B. T.H. 52	L
14	11 + +28		XX	E.B. WENTWORTH	9-40

FEED POINT J7R

BY	DATE	REVISIONS

DRAWN BY: DC      CKD BY:      DATE:     

CERTIFIED BY \_\_\_\_\_ LIC. NO. \_\_\_\_\_ DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

**SALVAGE AND REMOVAL PLAN**

STATE PROJ.NO.1928-60(T.H. 52)      SHEET NO. 8 OF 31 SHEETS

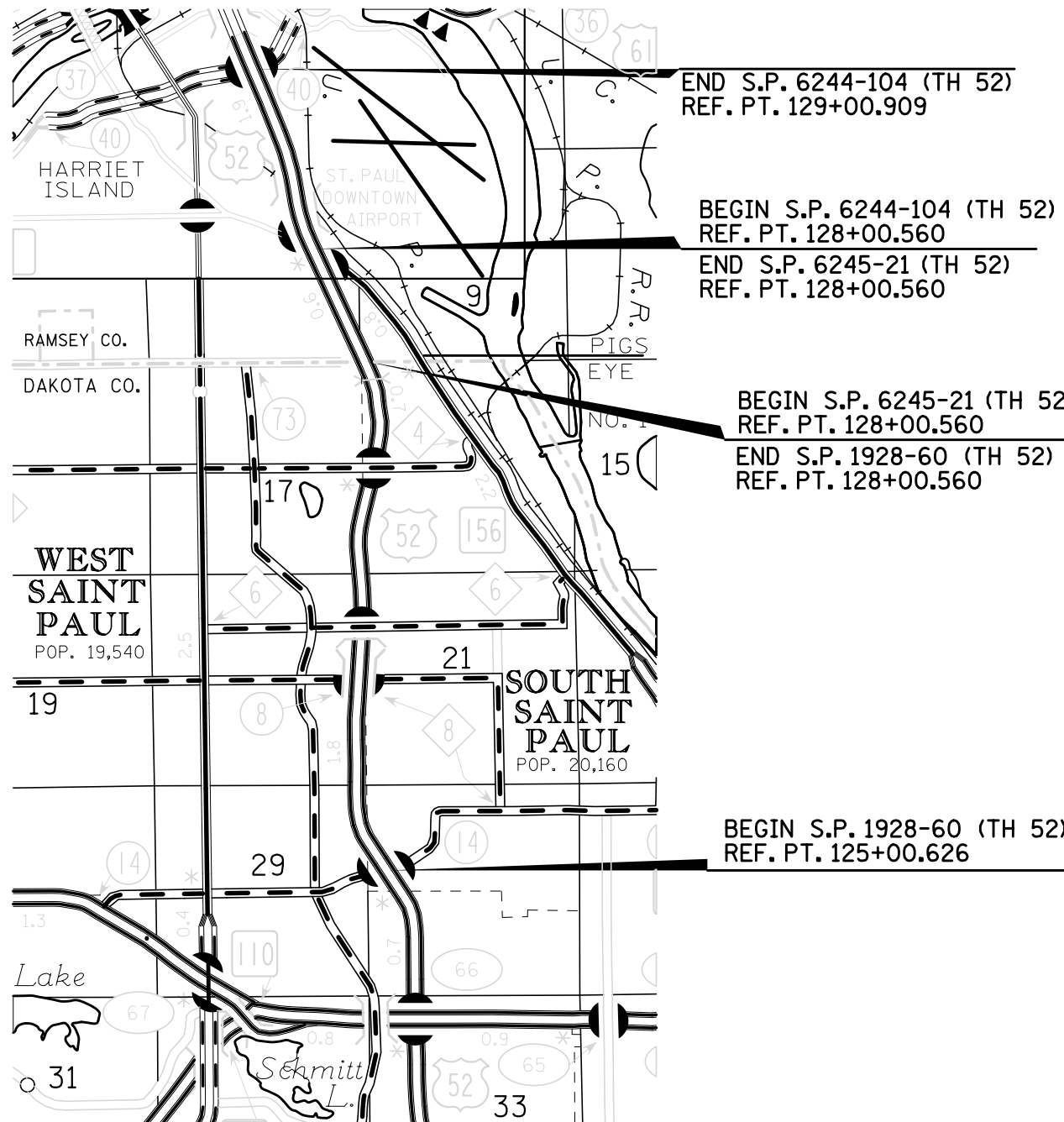
**MINNESOTA DEPARTMENT OF TRANSPORTATION**  
**CONSTRUCTION PLAN FOR ELECTRIC LIGHTING SYSTEM**

FEDERAL FUNDS NHPP 0052(332)

LOCATED ON TH 52 FROM SOUTHVIEW BLVD TO PLATO BLVD

GOVERNING SPECIFICATIONS  
 THE 2014 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND THE 2014 EDITION OF THE "MATERIALS LAB SUPPLEMENTAL SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

PLOTTED/REVISED: 07-JUL-2016



**INDEX**

DESCRIPTION	SHEET NO.
TITLE SHEET	1
QUANTITIES	2
DETAILS	3-4
REMOVAL PLAN	5-15
LIGHTING PLAN	16-23
UTILITIES INFORMATION	24-31

THIS PLAN CONTAINS 31 SHEETS

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF MINNESOTA.

PRINT NAME: \_\_\_\_\_ LICENSE # 19863

SIGNATURE: \_\_\_\_\_ DATE \_\_\_\_\_

DESIGN SQUAD \_\_\_\_\_

RECOMMENDED FOR APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_  
 DISTRICT TRANSPORTATION ENGINEER

RECOMMENDED FOR APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_  
 DISTRICT TRAFFIC ENGINEER

RECOMMENDED FOR APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_  
 STATE PRE-LETTING ENGINEER

RECOMMENDED FOR APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

RECOMMENDED FOR APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

OFFICE OF LAND MANAGEMENT APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_  
 DIRECTOR, LAND MANAGEMENT

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 STATE DESIGN ENGINEER

I HEREBY CERTIFY THAT THE FINAL FIELD REVISIONS, IF ANY, OF THIS PLAN WERE MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: \_\_\_\_\_ LICENSE # \_\_\_\_\_

DATE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

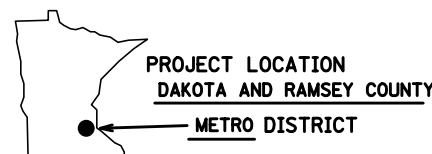
FOR PLANS & UTILITIES SYMBOLS SEE TECHNICAL MANUAL

PROJ. NO \_\_\_\_\_ CHARGE IDENTIFIER \_\_\_\_\_

1928-60 \_\_\_\_\_

INDEX MAP NOT TO SCALE

PLAN SCALE SCALE IN FEET



BY	DATE	REVISIONS

DRAWN BY: DC CKD BY: GB DATE: 8/2014

STATE PROJ.NO.6244-104 (T.H. 52 = 112)  
 STATE PROJ.NO.6245-21 (T.H.52 = 115)

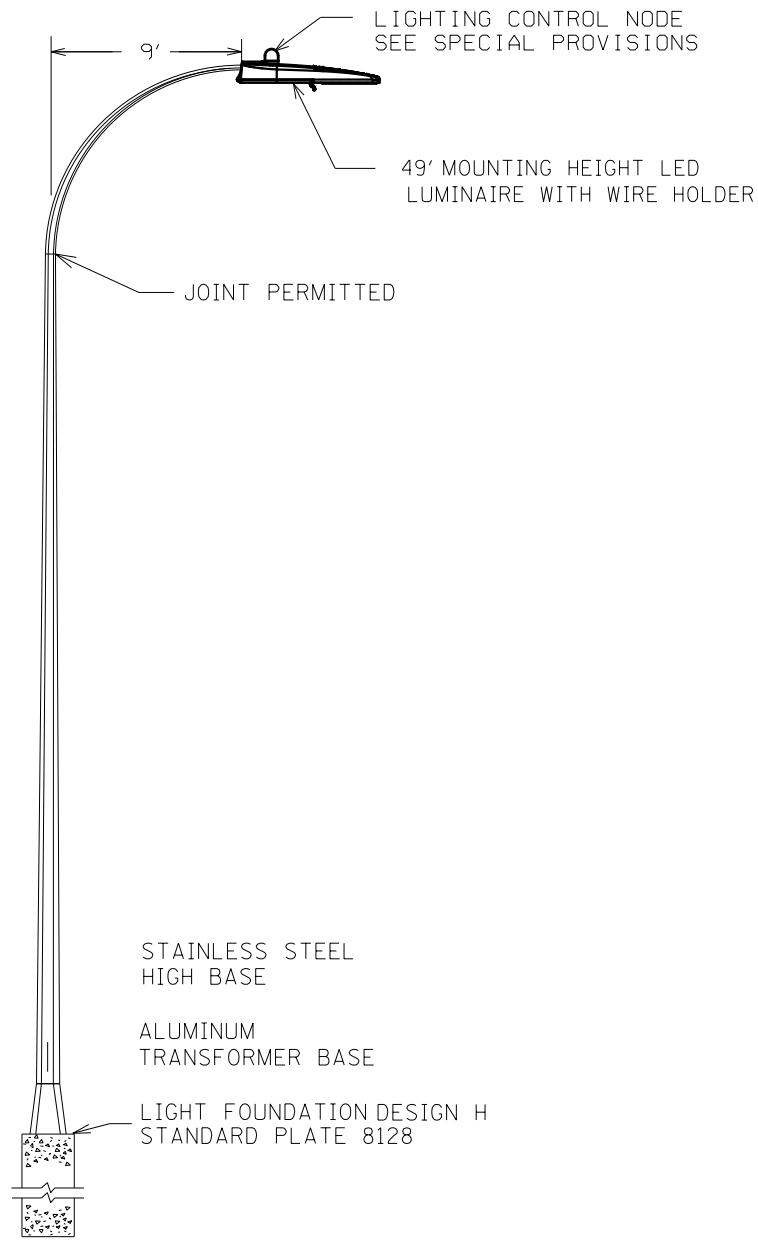
**TITLE SHEET**

STATE PROJ.NO.1928-60 (T.H.52 = 115) SHEET NO. 1 OF 31 SHEETS

DISTRICT \*: DISTRICT \*  
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 PATH & FILENAME: Documents\OT ST\Lighting\sample&space\lighting&space\or&space\website4.dgn

PLOTTED/REVISED: 07-JUL-2016

DISTRICT \*: DISTRICT \*  
 I PLOT NAME: sample lighting for website5  
 PATH & FILENAME: Documents\OT ST\Lighting/sample\lighting\space\for\spacewebsite5.dgn



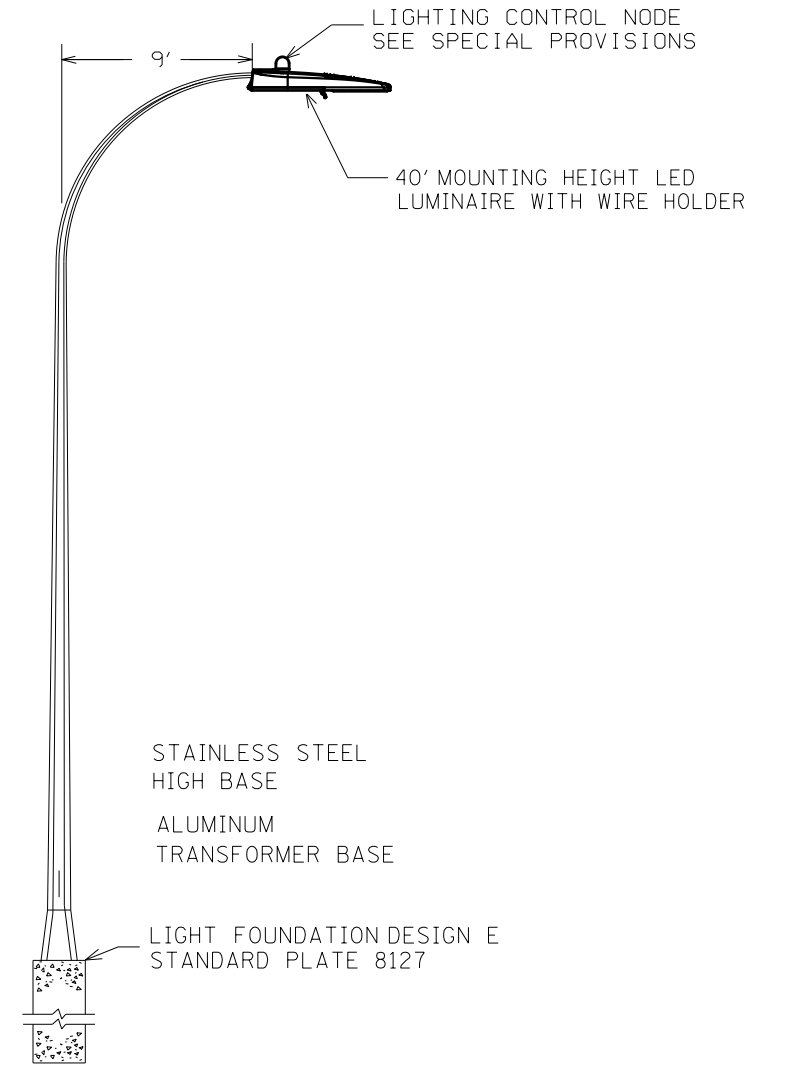
LIGHTING UNIT TYPE 9-49  
(BREAKAWAY)

RADIUS CHART (ENGLISH)

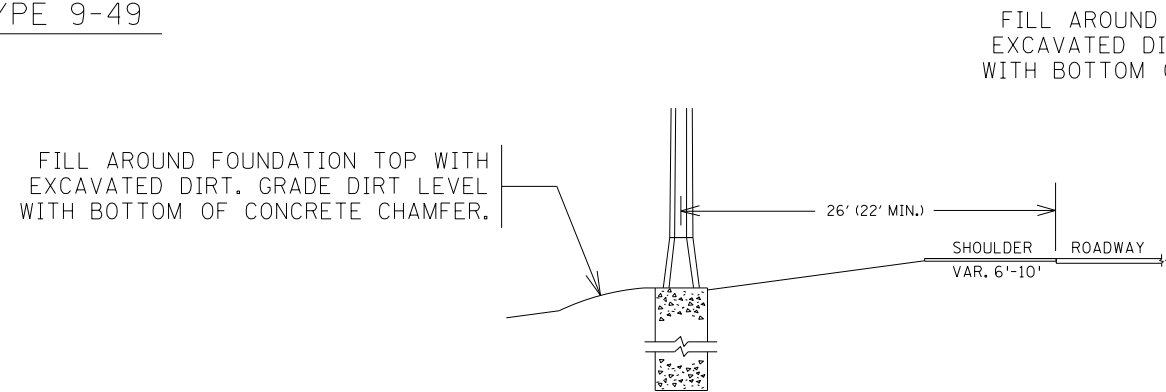
MAST ARM LENGTH	RADIUS
6	5
9	8
12	10

LUMINAIRES  
240-480 VOLT

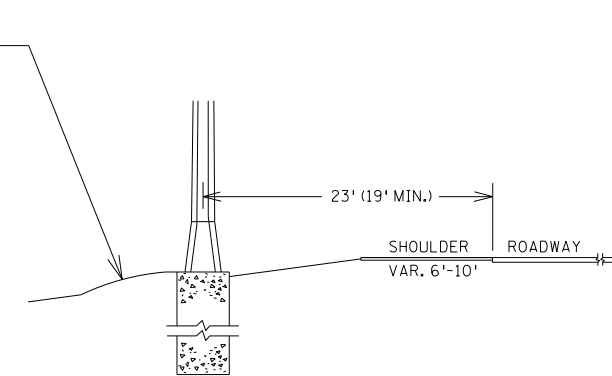
USE THE MAXIMUM DISTANCE WHENEVER POSSIBLE, IF THE MINIMUM DISTANCE CANNOT BE OBTAINED CONTACT THE DISTRICT/DIVISION TRAFFIC ENGINEER LIGHT FOUNDATIONS SHALL BE PLACED IN ACCORDANCE WITH 2545.3F2. DISTANCES SHALL BE MEASURED FROM THE EDGE OF DRIVING LANE OR TURN LANE.



LIGHTING UNIT TYPE 9-40  
(BREAKAWAY)



PLACEMENT LIGHTING UNIT TYPE 9-49



PLACEMENT LIGHTING UNIT TYPE 9-40

BY	DATE	REVISIONS

DRAWN BY: DC    CKD BY: GB    DATE: 8/2014

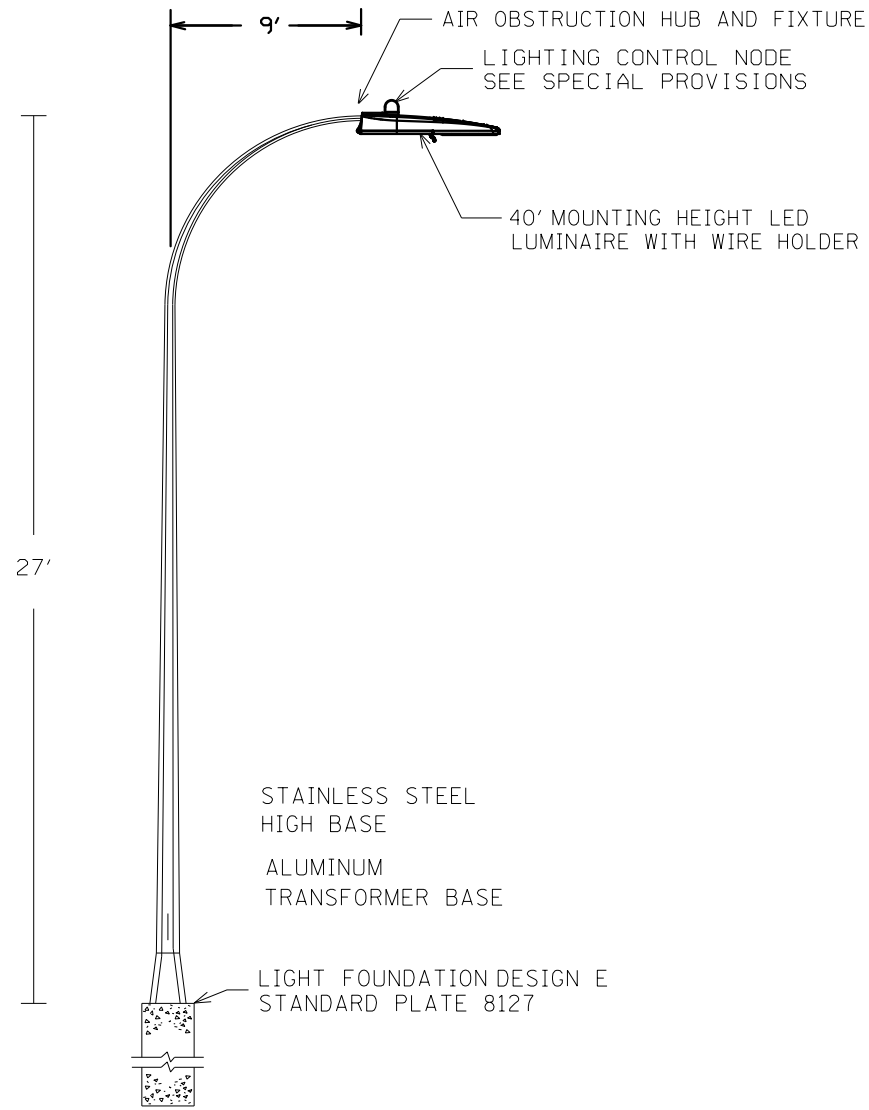
CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863    DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

**LIGHTING DETAILS**

STATE PROJ.NO.1928-60 (T.H.52 )    SHEET NO. 3 OF 31 SHEETS

PLOTTED/REVISED: 07-JUL-2016

DISTRICT \*: DISTRICT \*  
 I/PLOT NAME: sample lighting for websit6  
 PATH & FILENAME: Documents/OT ST/ Lighting/sample/lighting&space;for&space;websit6.dgn



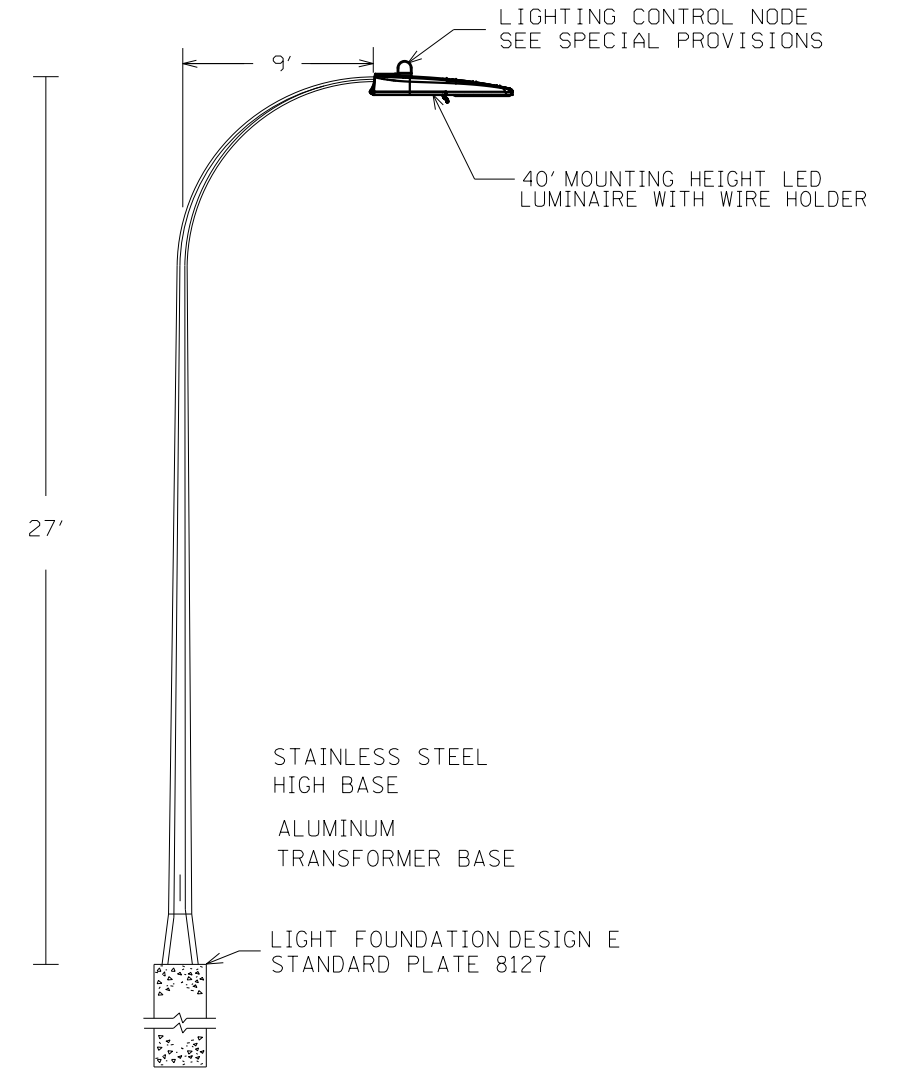
LIGHTING UNIT TYPE SPECIAL #2  
 (BREAKAWAY)

RADIUS CHART (ENGLISH)

MAST ARM LENGTH	RADIUS
6	5
9	8
12	10

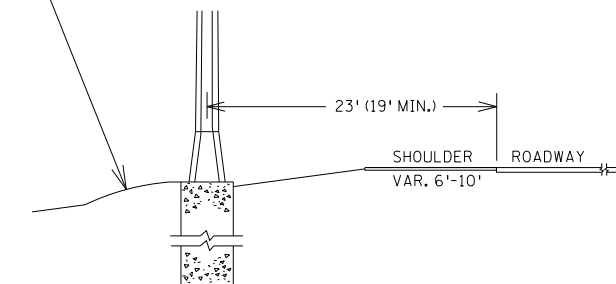
LUMINAIRES  
 240-480 VOLT

USE THE MAXIMUM DISTANCE WHENEVER POSSIBLE, IF THE MINIMUM DISTANCE CANNOT BE OBTAINED CONTACT THE DISTRICT/DIVISION TRAFFIC ENGINEER LIGHT FOUNDATION SHALL BE PLACED IN ACCORDANCE WITH 2545.3F2. DISTANCES SHALL BE MEASURED FROM THE EDGE OF DRIVING LANE OR TURN LANE.



LIGHTING UNIT TYPE SPECIAL #1  
 (BREAKAWAY)

FILL AROUND FOUNDATION TOP WITH EXCAVATED DIRT. GRADE DIRT LEVEL WITH BOTTOM OF CONCRETE CHAMFER.



PLACEMENT LIGHTING UNIT TYPE SPECIAL #1 AND SPECIAL #2

BY	DATE	REVISIONS
DRAWN BY: DC	CKD BY: GB	DATE: 8/2014

CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863 DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

**LIGHTING DETAILS**  
 STATE PROJ.NO.1928-60 (T.H.52 ) SHEET NO. 4 OF 31 SHEETS

# UTILITIES

NO UTILITIES WILL BE AFFECTED BY THIS PROJECT

THE FOLLOWING UTILITY OWNERS HAVE FACILITIES WITHIN THE PROJECT LIMITS BUT WILL NOT BE AFFECTED:

- Arvig Communications Systems
- Century Link
- City of Inver Grove Heights
- City of South Saint Paul
- City of West Saint Paul
- Comcast Cable Communications, Incorporated
- Dakota County IT Department
- Minnesota Dept. of Transportation
- Integra Telecom of Minnesota, Incorporated
- MCI Communication Services, Incorporated
- Metropolitan Council, Transit
- Metropolitan Airports Comm.
- Sprint Communications Company, LP
- Board of Water Commissioners of the City of Saint Paul
- TTM Operating Corp.
- Windstream Communications
- XcelEnergy

**NOTE:**  
 THE SUBSURFACE UTILITY INFORMATION IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE THE GUILDELINE OF CI/ASCE 38-02, ENTITLED "STANDARD GUILDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".  
 ALL WORK IS WITHIN MN/DOT RIGHT OF WAY

THE FOLLOWING STANDARD PLATES APPROVED BY THE MINNESOTA DEPT. OF TRANSPORTATION AND THE FEDERAL HIGHWAY ADMINISTRATION SHALL APPLY ON THIS PROJECT.

STANDARD PLATES	
PLATE NO.	DESCRIPTION
8106B	EQUIPMENT PAD B
8000I	STANDARD BARRICADES
8127C	LIGHT FOUNDATION DESIGN E
8128D	LIGHT FOUNDATION DESIGN H
8129A	SHIM AND WASHER

STATEMENT OF ESTIMATED QUANTITIES			
ITEM NO.	ITEM	UNIT	ESTIMATED QUANTITIES <sup>Ⓐ</sup>
			S.P. 1928-60 S.P. 6245-21 S.P. 6244-104
2104.601	HAUL SALVAGED MATERIAL (1)	LUMP SUM	
2545.501	ELECTRIC LIGHT SYSTEM	LUMP SUM	1














(1) 100% STATE FUNDS  
 Ⓐ 80% FEDERAL/20% STATE FUNDS

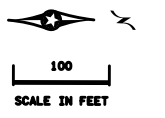
BY	DATE	REVISIONS	LOCATION: BETWEEN T.H.494 and PLATO BLVD	<b>LIGHTING QUANTITIES</b>
DRAWN BY: DC    CKD BY: GB    DATE: 8/2014			CERTIFIED BY _____ LIC. NO. 19863    DATE: 07-JUL-2016	STATE PROJ. NO. 1928-60 (T.H.52)    SHEET NO. 2 OF 31 SHEETS

DISTRICT \*: DISTRICT \*  
 PLOT NAME: sample lighting for website  
 PATH & FILENAME: Documents\OT ST\Lighting\sample\space\lighting\space\for\space\website.dgn  
 PLOTTED/REVISED: 07-JUL-2016



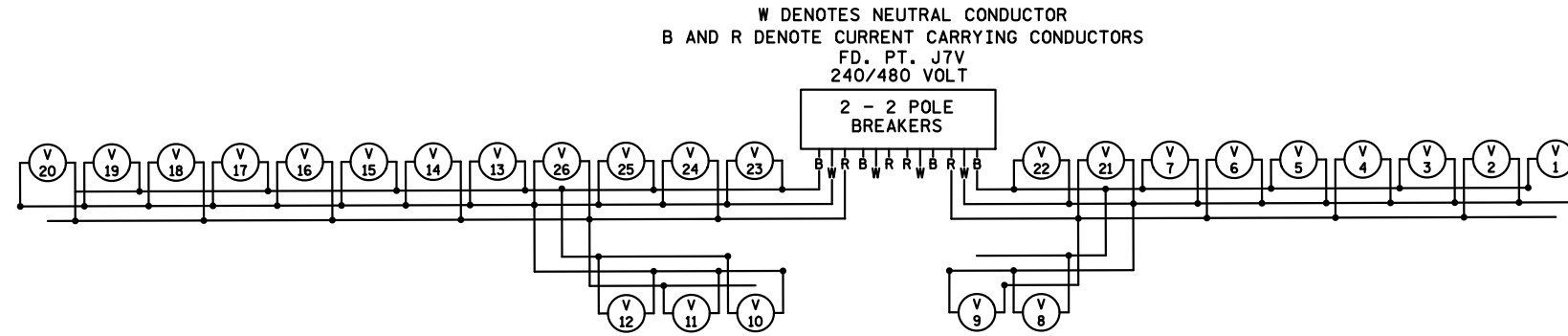
# LEGEND

-  LIGHTING UNIT
-  INPLACE LIGHT POLE - F&I L.E.D LUMINAIRE
-  INPLACE LIGHTING UNIT
-  INPLACE TYPE L - F&I LED LUMINAIRE
-  PERMANENT GROUND ROD (25 OHMS OR LESS)
-  DIRECT BURIED 4 CONDUCTOR NO. 4
-  PAD MOUNTED FD. PT. CABINET L1 EQUIPMENT PAD B
-  HANDHOLE
-  3" PVC (UNLESS OTHERWISE NOTED)
-  INPLACE HANDHOLE
-  INPLACE PAD MOUNTED FD. PT. CABINET
-  INPLACE CONDUIT
-  INPLACE DIRECT BURIED 4 CONDUCTOR NO. 4



PLOTTED/REVISED: 07-JUL-2016

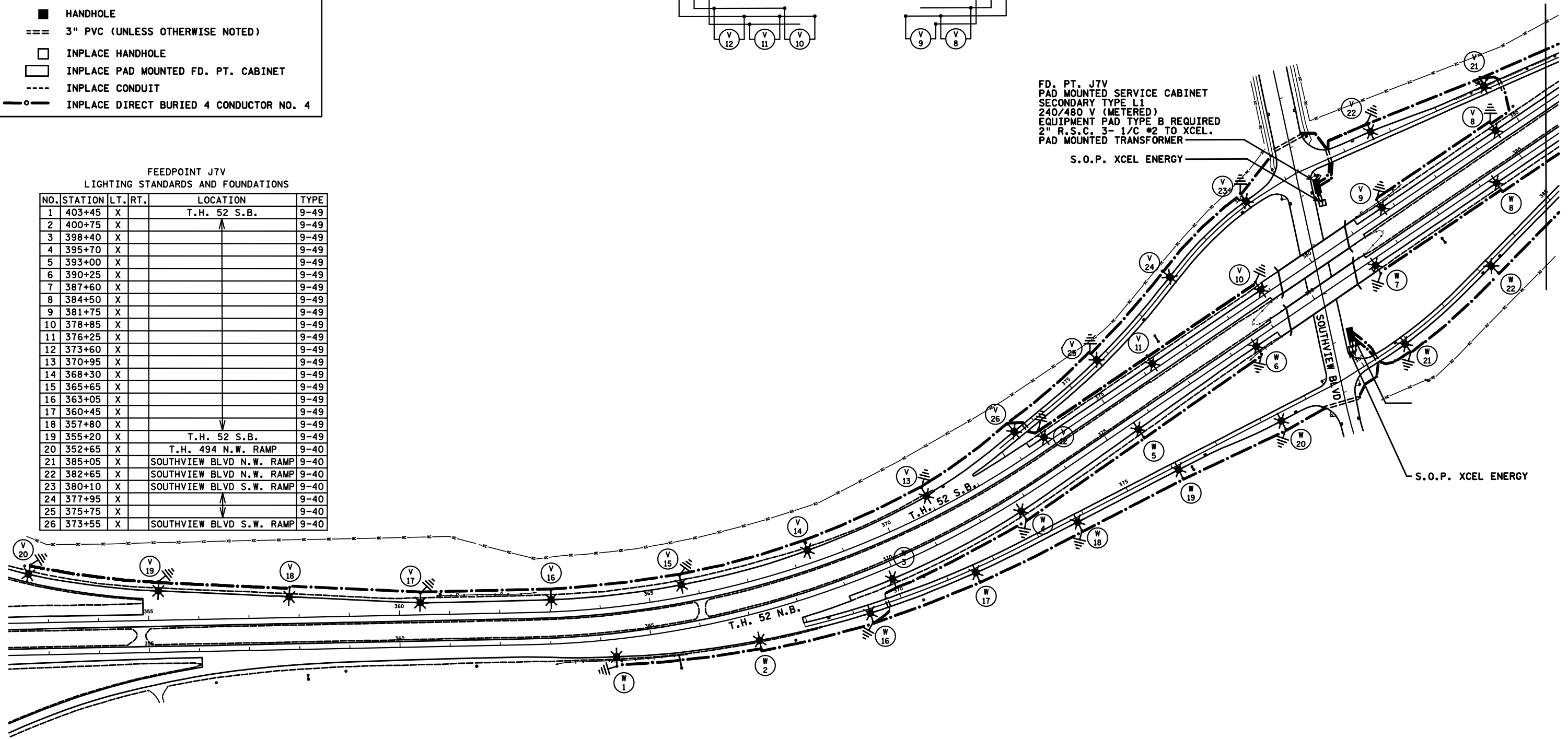
DISTRICT #: DISTRICT \*  
 IPLOT NAME: sample lighting for websife8  
 PATH & FILENAME: Documents\OT ST \Lighting\sample&spaces\lighting&spaces\or&spaces\websife.dgn



FD. PT. J7V  
 PAD MOUNTED SERVICE CABINET  
 SECONDARY TYPE L1  
 240/480 V (METERED)  
 EQUIPMENT PAD TYPE B REQUIRED  
 2" R.S.C. 3- 1/C #2 TO XCEL.  
 PAD MOUNTED TRANSFORMER  
 S.O.P. XCEL ENERGY

FEEDPOINT J7V  
 LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	403+45	X		T.H. 52 S.B.	9-49
2	400+75	X			9-49
3	398+40	X			9-49
4	395+70	X			9-49
5	393+00	X			9-49
6	390+25	X			9-49
7	387+60	X			9-49
8	384+50	X			9-49
9	381+75	X			9-49
10	378+85	X			9-49
11	376+25	X			9-49
12	373+60	X			9-49
13	370+95	X			9-49
14	368+30	X			9-49
15	365+65	X			9-49
16	363+05	X			9-49
17	360+45	X			9-49
18	357+80	X			9-49
19	355+20	X		T.H. 52 S.B.	9-49
20	352+65	X		T.H. 494 N.W. RAMP	9-40
21	385+05	X		SOUTHVIEW BLVD N.W. RAMP	9-40
22	382+65	X		SOUTHVIEW BLVD N.W. RAMP	9-40
23	380+10	X		SOUTHVIEW BLVD S.W. RAMP	9-40
24	377+95	X			9-40
25	375+75	X			9-40
26	373+55	X		SOUTHVIEW BLVD S.W. RAMP	9-40



J7V METER ADDRESS: 2450 SOUTHVIEW AVE SOUTH ST. PAUL 55075  
 J7W METER ADDRESS: 2300 SOUTHVIEW AVE SOUTH ST. PAUL 55075

FEED POINT J7V, J7W

FEEDPOINT: J7V - J7W LOCATION: TH52 AT CSAH 14/ SOUTHVIEW AVE.

## LIGHTING PLAN

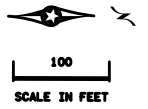
BY	DATE	REVISIONS

DRAWN BY: DC      CKD BY: GB      DATE: 8/2014

CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863      DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

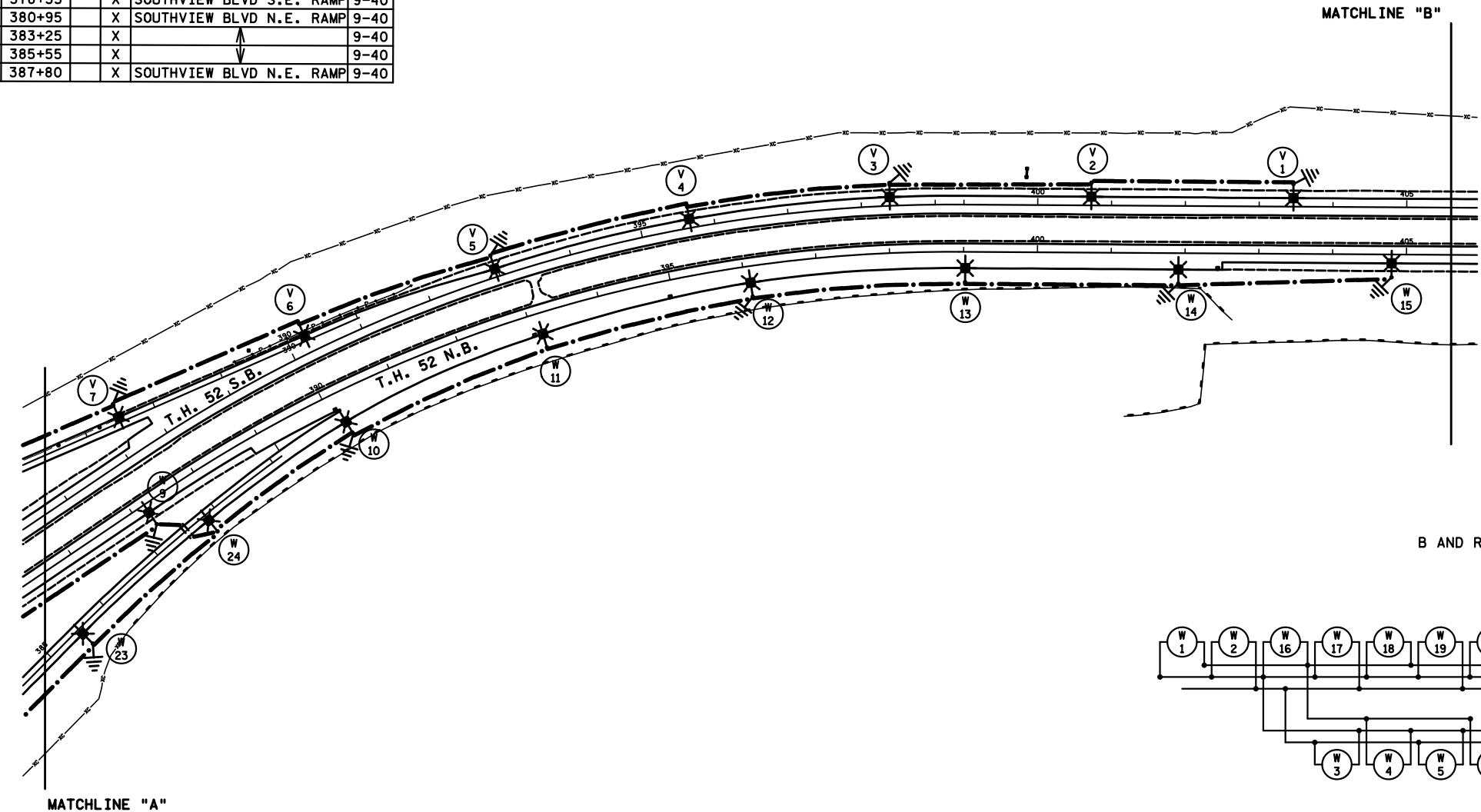
STATE PROJ.NO. 1928-60 (T.H. 52)      SHEET NO. 16 OF 31 SHEETS

SEE LEGEND SHEET 16

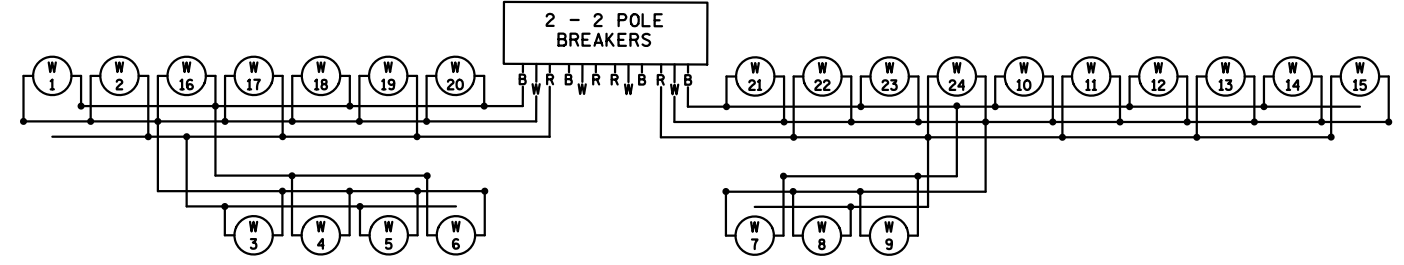


FEEDPOINT J7W  
LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	364+25		X	T.H. 52 N.B.	9-49
2	367+05		X		9-49
3	369+95		X		9-49
4	372+80		X		9-49
5	375+65		X		9-49
6	378+50		X		9-49
7	381+40		X		9-49
8	384+30		X		9-49
9	387+20		X		9-49
10	390+15		X		9-49
11	393+15		X		9-49
12	396+10		X		9-49
13	399+00		X		9-49
14	401+90		X		9-49
15	404+80		X	T.H. 52 N.B.	9-49
16	369+30	X		SOUTHVIEW BLVD S.E. RAMP	9-40
17	371+55	X			9-40
18	373+85	X			9-40
19	376+10	X			9-40
20	378+35	X		SOUTHVIEW BLVD S.E. RAMP	9-40
21	380+95	X		SOUTHVIEW BLVD N.E. RAMP	9-40
22	383+25	X			9-40
23	385+55	X			9-40
24	387+80	X		SOUTHVIEW BLVD N.E. RAMP	9-40



W DENOTES NEUTRAL CONDUCTOR  
B AND R DENOTE CURRENT CARRYING CONDUCTORS  
FD. PT. J7W  
240/480 VOLT



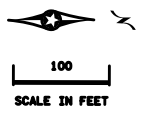
J7V METER ADDRESS: 2450 SOUTHVIEW AVE SOUTH ST. PAUL 55075  
J7W METER ADDRESS: 2300 SOUTHVIEW AVE SOUTH ST. PAUL 55075

FEED POINT J7V, J7W

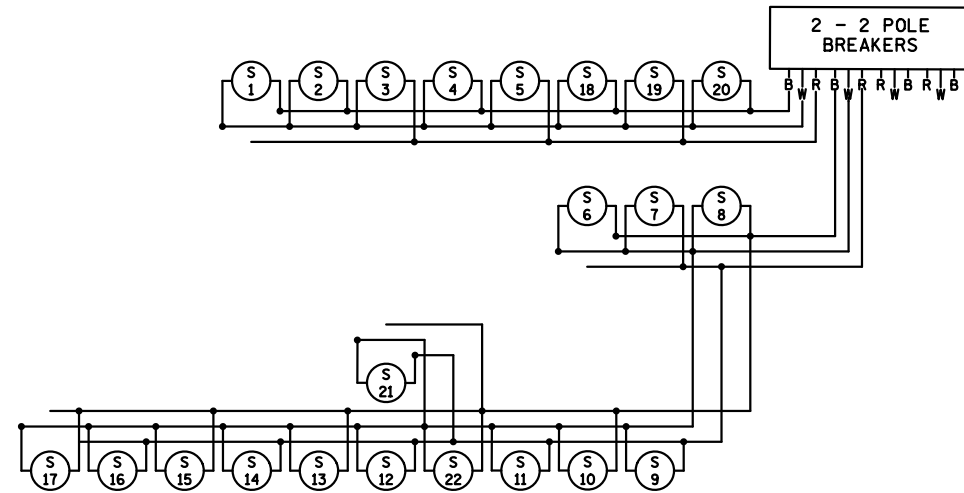
BY	DATE	REVISIONS	FEEDPOINT: J7V - J7W LOCATION: TH52 AT CSAH 14/ SOUTHVIEW AVE.		LIGHTING PLAN
DRAWN BY: DC	CKD BY: GB	DATE: 8/2014	CERTIFIED BY _____	LIC. NO. 19863 DATE: 07-JUL-2016	

DISTRICT #: DISTRICT \*  
 IPLOT NAME: sample lighting for website9  
 PATH & FILENAME: Documents\OT ST\Lighting\sample&spaces\lighting&spaces\or&spaces\website9.dgn  
 PLOTTED/REVISED: 07-JUL-2016

SEE LEGEND SHEET 16



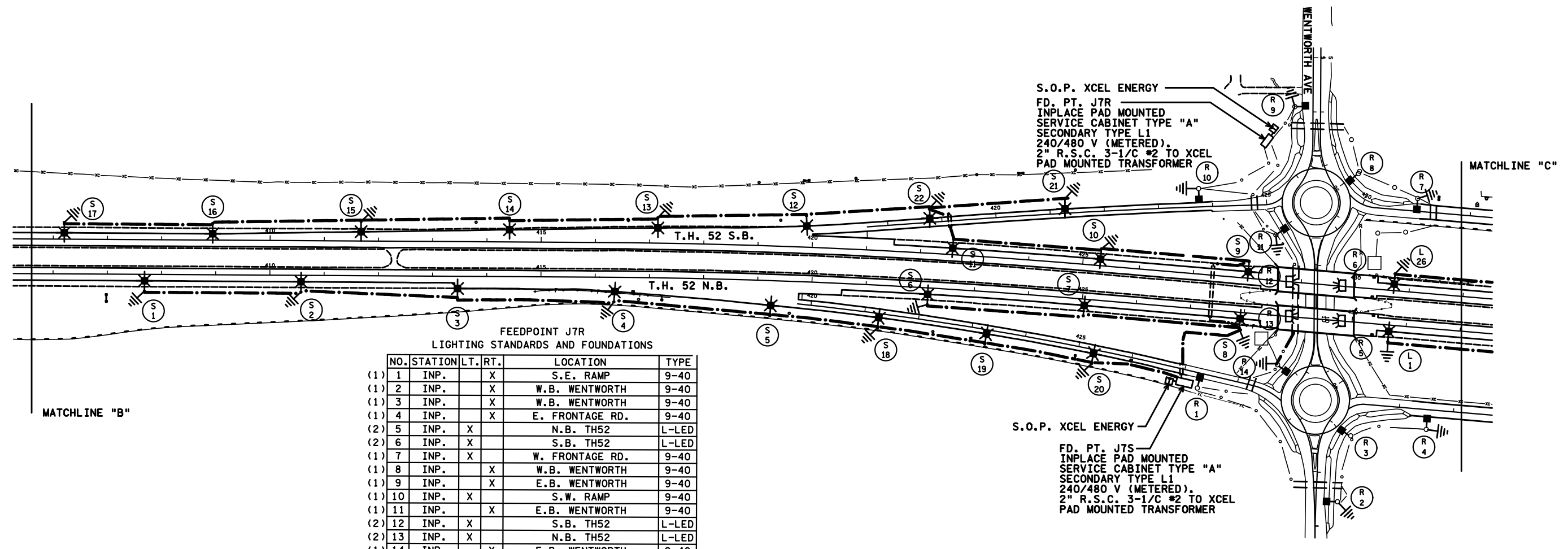
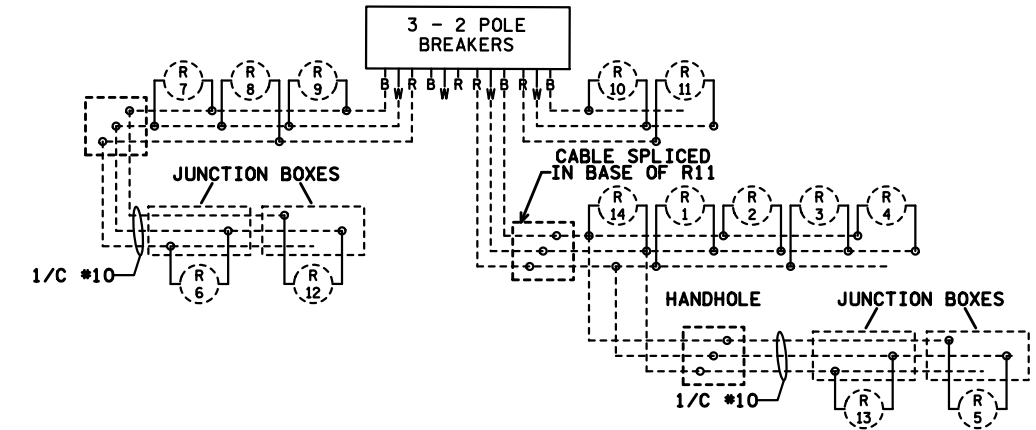
W DENOTES NEUTRAL CONDUCTOR  
B AND R DENOTE CURRENT CARRYING CONDUCTORS  
FD. PT. J7S  
240/480 VOLT



FEEDPOINT J7S  
LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	407+70		X	T.H. 52 N.B.	9-49
2	410+55		X		9-49
3	413+45		X		9-49
4	416+35		X		9-49
5	419+25		X		9-49
6	422+15		X		9-49
7	425+05		X		9-49
8	427+95		X	T.H. 52 N.B.	9-49
9	428+00	X		T.H. 52 S.B.	9-49
10	425+30	X			9-49
11	422+60	X			9-49
12	419+90	X			9-49
13	417+15	X			9-49
14	414+40	X			9-49
15	411+70	X			9-49
16	408+95	X			9-49
17	406+20	X		T.H. 52 S.B.	9-49
18	421+25	X		WENTWORTH AVE S.E. RAMP	9-40
19	423+30	X		WENTWORTH AVE S.E. RAMP	9-40
20	425+30	X		WENTWORTH AVE S.E. RAMP	9-40
21	421+30	X		WENTWORTH AVE S.W. RAMP	9-40
22	418+80	X		WENTWORTH AVE S.W. RAMP	9-40

W DENOTES NEUTRAL CONDUCTOR  
B AND R DENOTE CURRENT CARRYING CONDUCTORS  
FD. PT. J7R  
240/480 VOLT



FEEDPOINT J7R  
LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
(1) 1	INP.		X	S.E. RAMP	9-40
(1) 2	INP.		X	W.B. WENTWORTH	9-40
(1) 3	INP.		X	W.B. WENTWORTH	9-40
(1) 4	INP.		X	E. FRONTAGE RD.	9-40
(2) 5	INP.	X		N.B. TH52	L-LED
(2) 6	INP.	X		S.B. TH52	L-LED
(1) 7	INP.		X	W. FRONTAGE RD.	9-40
(1) 8	INP.		X	W.B. WENTWORTH	9-40
(1) 9	INP.		X	E.B. WENTWORTH	9-40
(1) 10	INP.		X	S.W. RAMP	9-40
(1) 11	INP.		X	E.B. WENTWORTH	9-40
(2) 12	INP.	X		S.B. TH52	L-LED
(2) 13	INP.	X		N.B. TH52	L-LED
(1) 14	INP.		X	E.B. WENTWORTH	9-40

(1) F&I 40' TYPE LUMINAIRE  
(2) F&I TYPE L LUMINAIRE

J7S METER ADDRESS: 2455 WENTWORTH AVE SOUTH ST. PAUL 55075  
J7S METER ADDRESS: 400 WENTWORTH AVE WEST ST. PAUL 55118

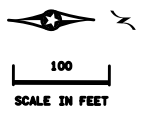
FEED POINT J7S, J7R, J7L

DISTRICT #: DISTRICT \*  
 IPLOT NAME: sample lighting for webstele0  
 PATH & FILENAME: Documents\OT ST\Lighting\sample&space\lighting&space\or&spacewebstele.dgn  
 PLOTTED/REVISED: 07-JUL-2016

BY	DATE	REVISIONS	FEEDPOINT: J7S, J7R	LOCATION: TH52 AT WENTWORTH AVE.	LIGHTING PLAN
CERTIFIED BY _____ LIC. NO. 19863 DATE: 07-JUL-2016			STATE PROJ.NO. 1928-60 (T.H. 52) SHEET NO. 18 OF 31		
DRAWN BY: DC CKD BY: GB DATE: 8/2014			LICENSED PROFESSIONAL ENGINEER		

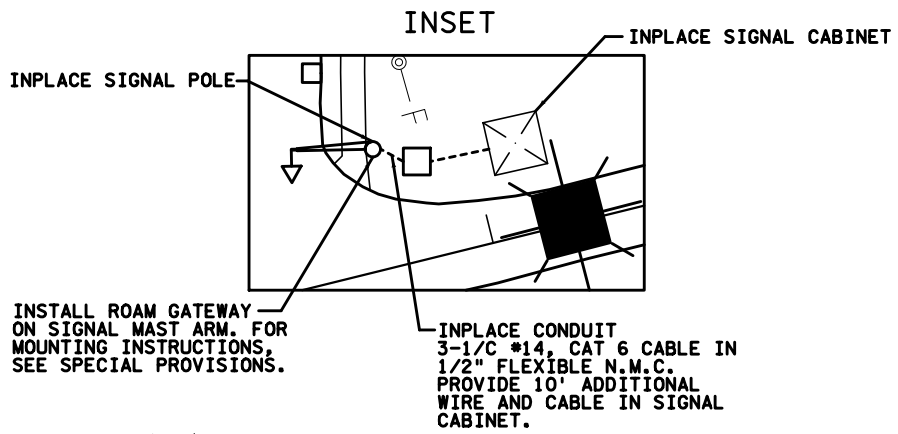
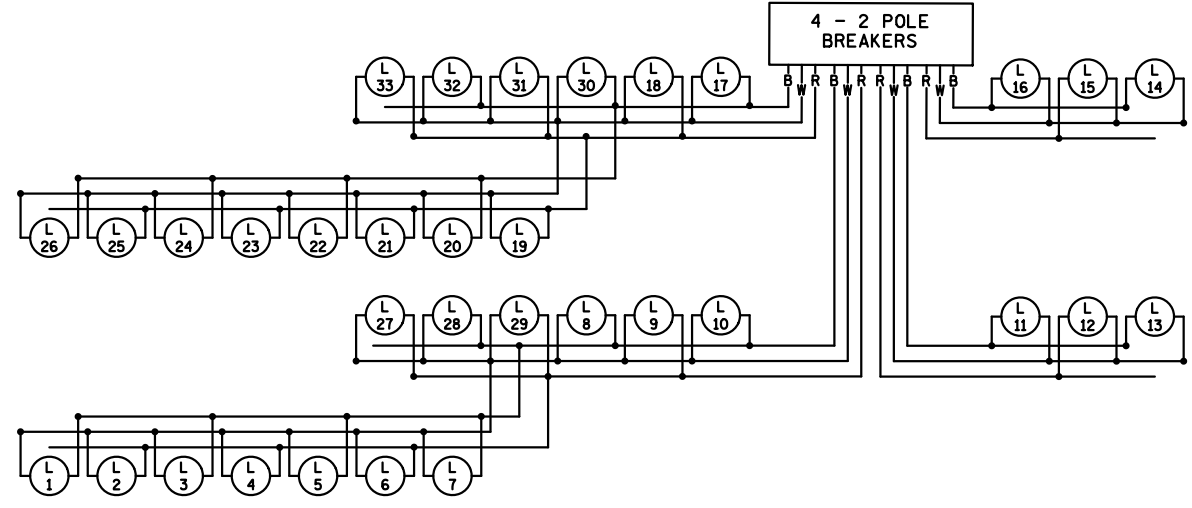
SEE LEGEND SHEET 16

W DENOTES NEUTRAL CONDUCTOR  
 B AND R DENOTE CURRENT CARRYING CONDUCTORS  
 FD. PT. J7L  
 240/480 VOLT

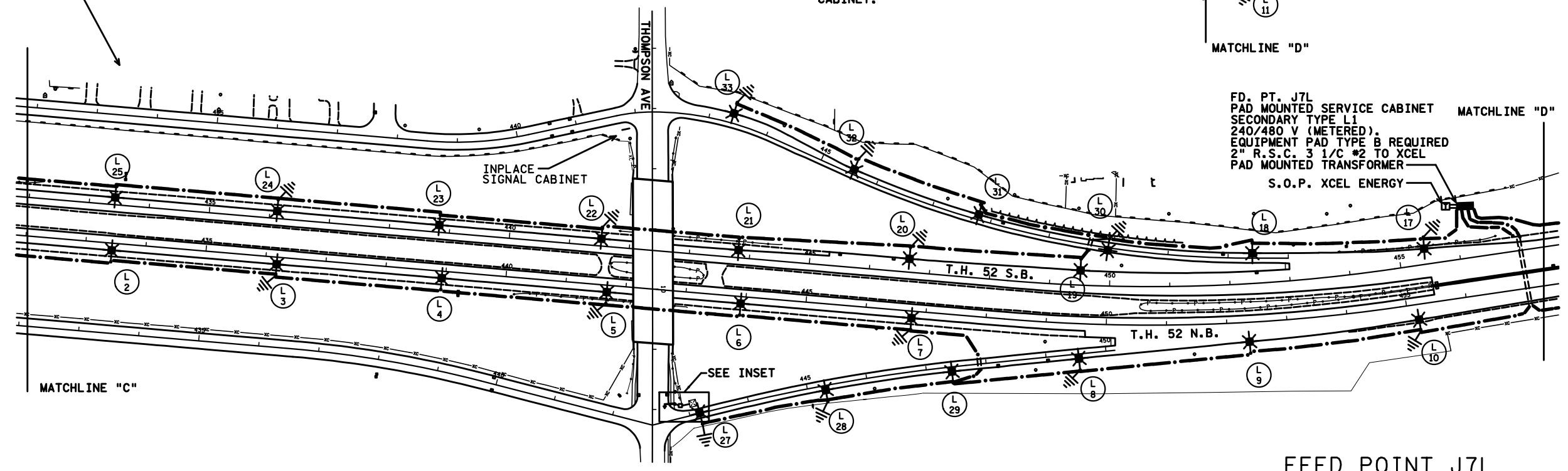
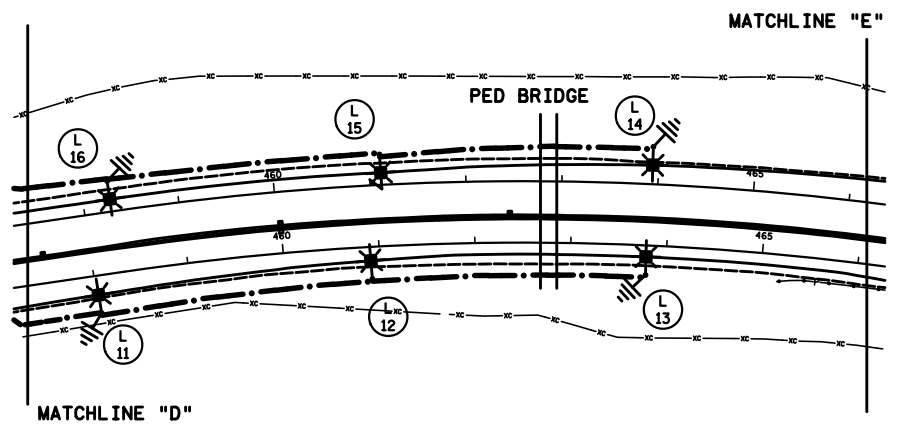


FEEDPOINT J7L  
 LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	430+70		X	T.H. 52 N.B.	9-49
2	433+45		X		9-49
3	436+20		X		9-49
4	438+95		X		9-49
5	441+70		X		9-49
6	443+90		X		9-49
7	446+75		X		9-49
8	449+60		X		9-49
9	452+40		X		9-49
10	455+20		X		9-49
11	458+05		X		9-49
12	460+90		X		9-49
13	463+80		X	T.H. 52 N.B.	9-49
14	463+95	X		T.H. 52 S.B.	9-49
15	461+10	X			9-49
16	458+30	X			9-49
17	455+45	X			9-49
18	452+40	X			9-49
19	449+50	X			9-49
20	446+65	X			9-49
21	443+80	X			9-49
22	441+50	X			9-49
23	438+80	X			9-49
24	436+10	X			9-49
25	433+40	X			9-49
26	430+70	X		T.H. 52 S.B.	9-49
27	443+15	X	X	THOMPSON AVE N.E. RAMP	9-40
28	445+30	X	X	THOMPSON AVE N.E. RAMP	9-40
29	447+40	X	X	THOMPSON AVE N.E. RAMP	9-40
30	450+00	X	X	THOMPSON AVE N.W. RAMP	9-40
31	447+75	X			9-40
32	445+55	X			9-40
33	443+40	X		THOMPSON AVE N.W. RAMP	9-40



NOTE:  
 INSTALL ROAM GATEWAY ON SIGNAL. FOR MOUNTING INSTRUCTION SEE SPECIAL PROVISIONS.

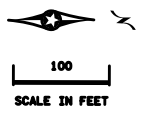


FEED POINT J7L

DISTRICT #: DISTRICT \*  
 IPLOT NAME: sample lighting for webshell  
 PATH & FILENAME: Documents\OT ST\Lighting\sample&space\lighting&space\or&space\webshell.dgn  
 PLOTTED/REVISED: 07-JUL-2016

BY	DATE	REVISIONS	FEEDPOINT: J7L	LOCATION: TH52 AT THOMPSON AVE	LIGHTING PLAN
			METER ADDRESS: 1380 WATERLOO AVE WEST ST. PAUL 55118		
DRAWN BY: DC CKD BY: GB DATE: 8/2014			CERTIFIED BY	LIC. NO. 19863 DATE: 07-JUL-2016	STATE PROJ.NO. 1928-60 (T.H. 52) SHEET NO. 19 OF 31 SHEETS

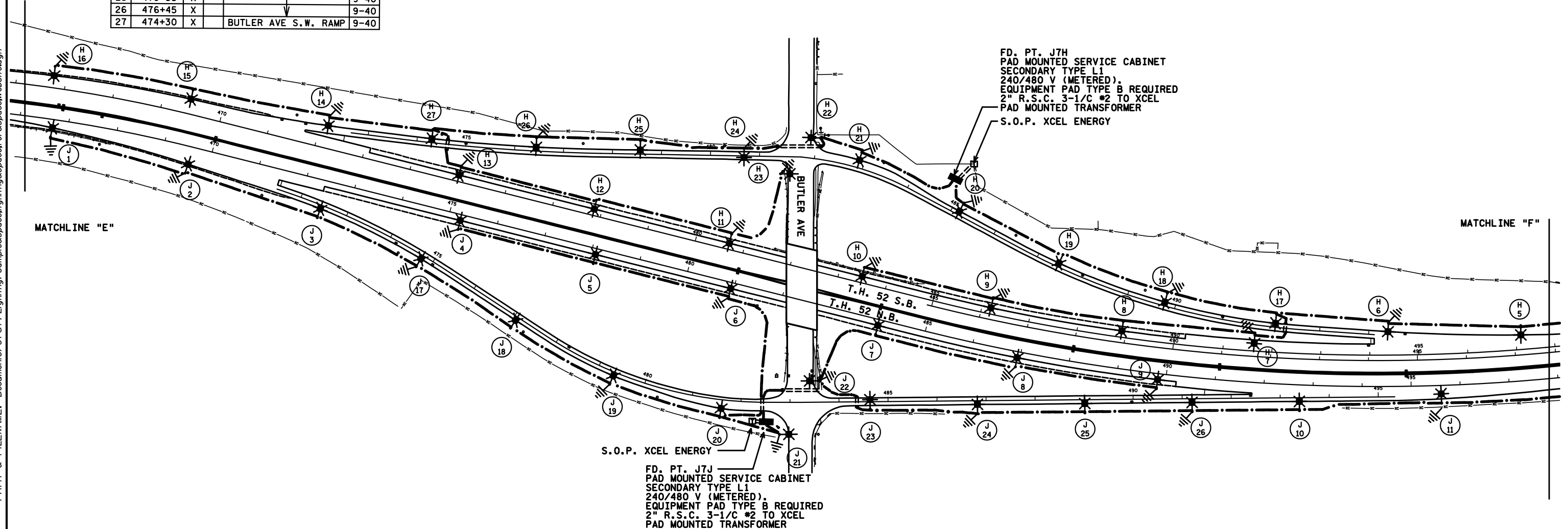
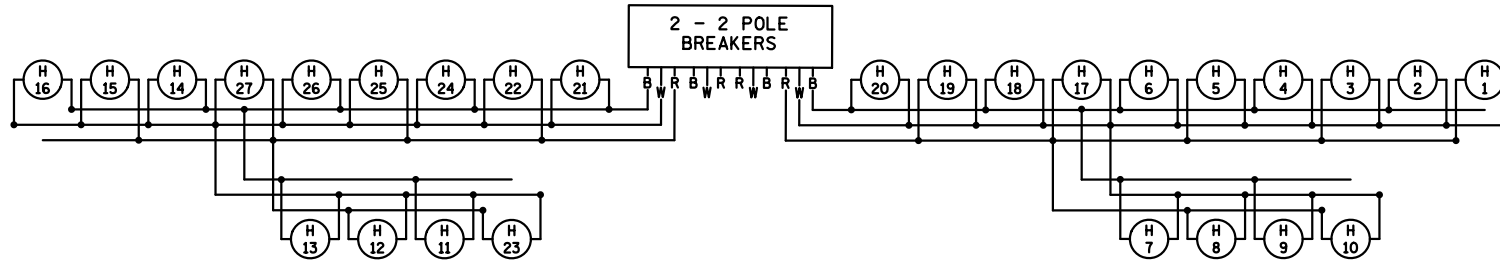
SEE LEGEND SHEET 16



FEEDPOINT J7H  
LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	508+25	X		T.H. 52 S.B.	9-49
2	505+55	X			9-49
3	502+80	X			9-49
4	500+10	X			9-49
5	497+10	X			9-49
6	494+40	X			9-49
7	491+65	X			9-49
8	488+90	X			9-49
9	486+20	X			9-49
10	483+50	X			9-49
11	480+70	X			9-49
12	477+85	X			9-49
13	475+00	X			9-49
14	472+15	X			9-49
15	469+55	X			9-49
16	466+75	X		T.H. 52 S.B.	9-49
17	492+10	X		BUTLER AVE N.W. RAMP	9-40
18	489+75	X			9-40
19	487+45	X			9-40
20	485+15	X			9-40
21	482+95	X			9-40
22	AS SHOWN	X		BUTLER AVE N.W. RAMP	9-40
23	AS SHOWN	X		BUTLER AVE S.W. RAMP	9-40
24	480+70	X			9-40
25	478+55	X			9-40
26	476+45	X			9-40
27	474+30	X		BUTLER AVE S.W. RAMP	9-40

W DENOTES NEUTRAL CONDUCTOR  
B AND R DENOTE CURRENT CARRYING CONDUCTORS  
FD. PT. J7H  
240/480 VOLT



FD. PT. J7H  
PAD MOUNTED SERVICE CABINET  
SECONDARY TYPE L1  
240/480 V (METERED).  
EQUIPMENT PAD TYPE B REQUIRED  
2" R.S.C. 3-1/2 #2 TO XCEL  
PAD MOUNTED TRANSFORMER  
S.O.P. XCEL ENERGY

S.O.P. XCEL ENERGY  
FD. PT. J7J  
PAD MOUNTED SERVICE CABINET  
SECONDARY TYPE L1  
240/480 V (METERED).  
EQUIPMENT PAD TYPE B REQUIRED  
2" R.S.C. 3-1/2 #2 TO XCEL  
PAD MOUNTED TRANSFORMER

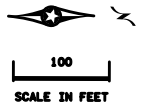
J7H METER ADDRESS: 440 STANLEY ST. WEST ST. PAUL 55118  
J7J METER ADDRESS: 2201 BUTLER AVE SOUTH ST. PAUL 55075

FEED POINT J7H, J7J

DISTRICT #: DISTRICT \*  
 IPLOT NAME: sample lighting for websitel2  
 PATH & FILENAME: Documents\OT ST\Lighting\sample&space;lighting&space;or&space;websitel2.dgn  
 PLOTTED/REVISED: 07-JUL-2016

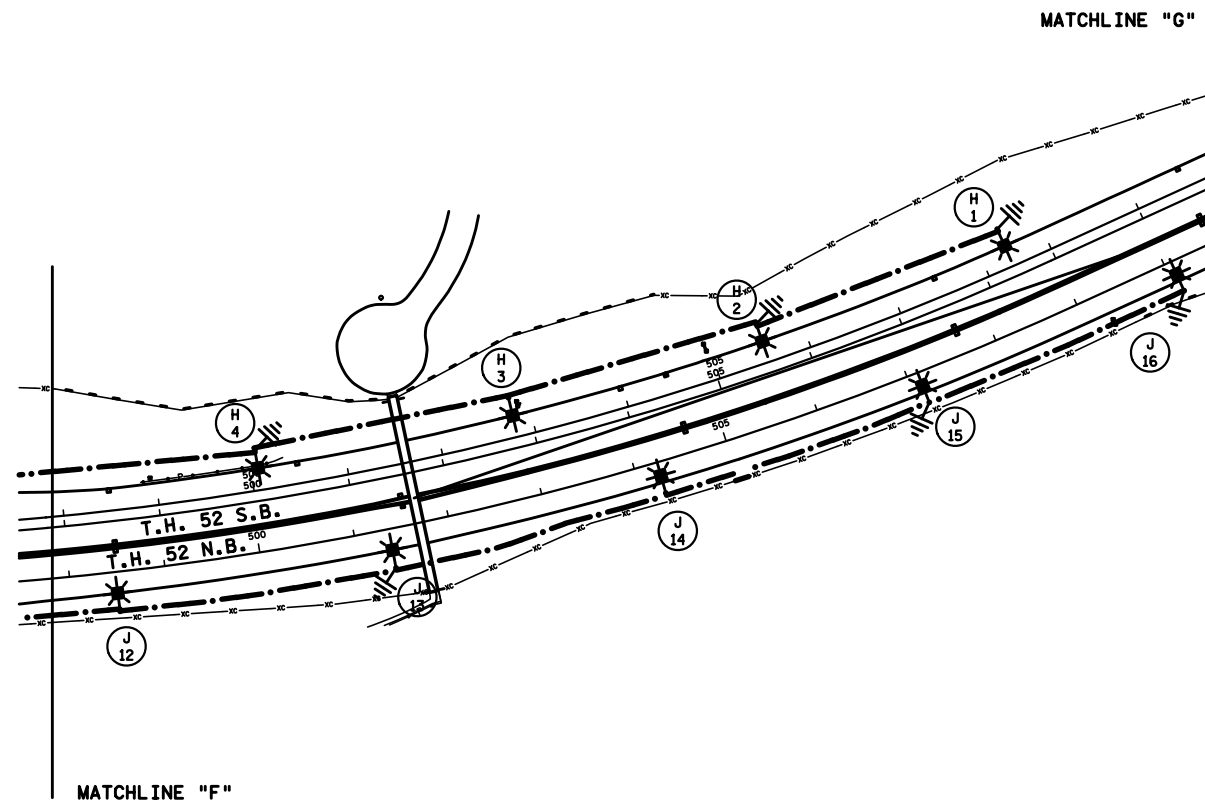
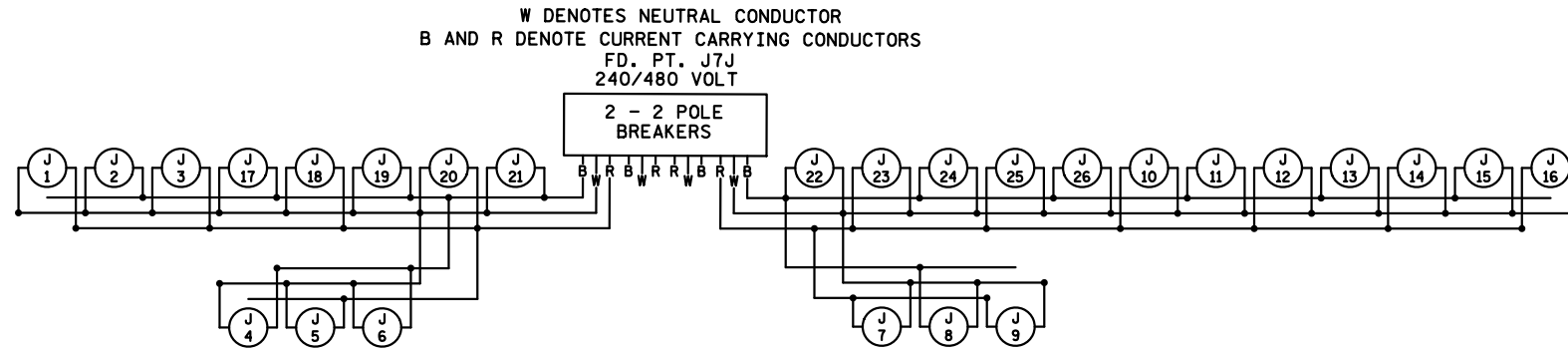
BY	DATE	REVISIONS	FEEDPOINT: J7H - J7J	LOCATION: TH 52 AT BUTLER AVE	<b>LIGHTING PLAN</b>
DRAWN BY: DC    CKD BY: GB    DATE: 8/2014			CERTIFIED BY _____ LIC. NO. 19863    DATE: 07-JUL-2016		STATE PROJ.NO. 1928-60 (T.H. 52)    SHEET NO. 20 OF 31 SHEETS

SEE LEGEND SHEET 16



FEEDPOINT J7J  
LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	466+85		X	T.H. 52 N.B.	9-49
2	469+55		X		9-49
3	472+40		X		9-49
4	475+25		X		9-49
5	478+10		X		9-49
6	480+95		X		9-49
7	484+05		X		9-49
8	486+95		X		9-49
9	489+85		X		9-49
10	492+75		X		9-49
11	495+60		X		9-49
12	498+50		X		9-49
13	501+35		X		9-49
14	504+25		X		9-49
15	507+10		X		9-49
16	107+10		X	T.H. 52 N.B.	9-49
17	474+75		X	BUTLER AVE S.E. RAMP	9-40
18	477+05		X		9-40
19	479+35		X		9-40
20	481+65		X		9-40
21	AS SHOWN		X	BUTLER AVE S.E. RAMP	9-40
22	AS SHOWN	X		BUTLER AVE N.E. RAMP	9-40
23	484+65		X		9-40
24	486+80		X		9-40
25	489+00		X		9-40
26	491+20		X	BUTLER AVE N.E. RAMP	9-40



J7H METER ADDRESS: 440 STANLEY ST. WEST ST. PAUL 55118  
 J7J METER ADDRESS: 2201 BUTLER AVE SOUTH ST. PAUL 55075

FEED POINT J7H, J7J

FEEDPOINT: J7H - J7J LOCATION: TH52 AT BUTLER AVE

LIGHTING PLAN

BY	DATE	REVISIONS

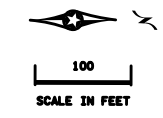
CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863 DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

STATE PROJ.NO. 1928-60 (T.H. 52) SHEET NO. 21 OF 31 SHEETS

DRAWN BY: DC CKD BY: GB DATE: 8/2014

DISTRICT #: DISTRICT \*  
 IPLOT NAME: sample lighting for websitel3  
 PATH & FILENAME: Documents\OT ST\Lighting\sample&space;lighting&space;for&space;websitel3.dgn  
 PLOTTED/REVISED: 07-JUL-2016

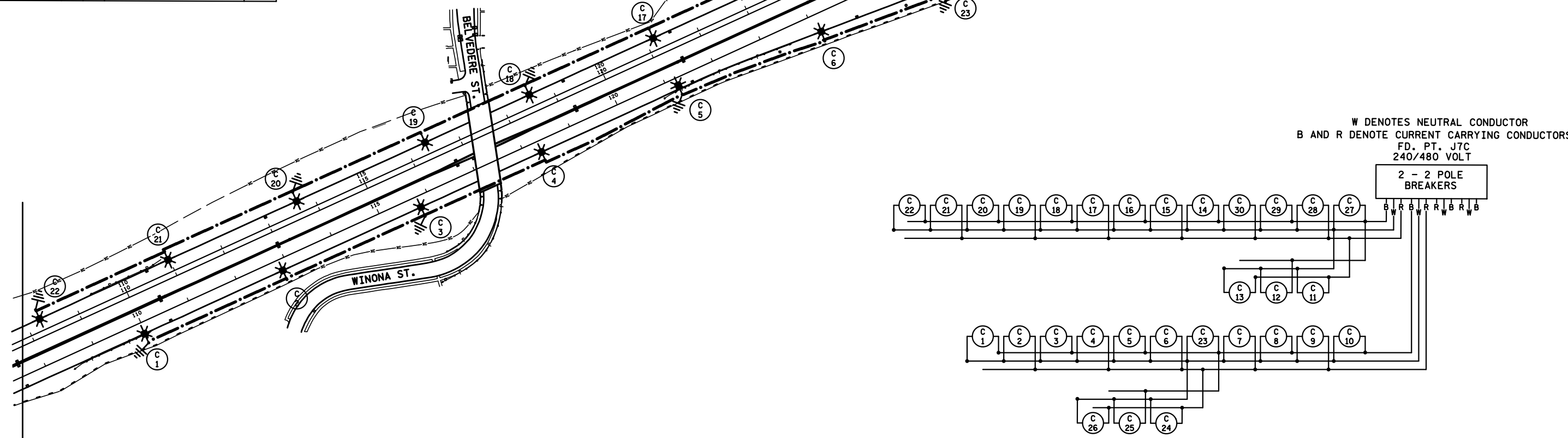
SEE LEGEND SHEET 16



S.O.P XCEL ENERGY  
 FD. PT. J7C  
 PAD MOUNTED SERVICE CABINET  
 SECONDARY TYPE L1  
 240/480 V (METERED).  
 EQUIPMENT PAD TYPE B REQUIRED  
 2" R.S.C. 3- 1/C #2 TO XCEL  
 PAD MOUNTED TRANSFORMER.

FEEDPOINT J7C  
 LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	110+00		X	T.H. 52 N.B.	9-49
2	112+90		X		9-49
3	115+80		X		9-49
4	118+30		X		9-49
5	121+20		X		9-49
6	124+10		X		9-49
7	127+00		X		9-49
8	129+90		X		9-49
9	132+80		X		9-49
10	135+70		X	T.H. 52 N.B.	9-49
11	136+75	X		T.H. 52 S.B.	9-49
12	134+15	X			9-49
13	131+55	X			9-49
14	128+95	X			9-49
15	126+35	X			9-49
16	123+75	X			9-49
17	121+15	X			9-49
18	118+55	X			9-49
19	116+35	X			9-49
20	113+65	X			9-49
21	110+95	X			9-49
22	108+25	X		T.H. 52 S.B.	9-49
23	00+50	X		CONCORD ST. S.E. RAMP	9-40
24	02+95	X			9-40
25	05+40	X			9-40
26	07+80	X		CONCORD ST. S.E. RAMP	9-40
27	08+20	X		CONCORD ST. S.W. RAMP	9-40
28	05+70	X			9-40
29	03+25	X			9-40
30	00+75	X		CONCORD ST. S.W. RAMP	9-40



W DENOTES NEUTRAL CONDUCTOR  
 B AND R DENOTE CURRENT CARRYING CONDUCTORS  
 FD. PT. J7C  
 240/480 VOLT

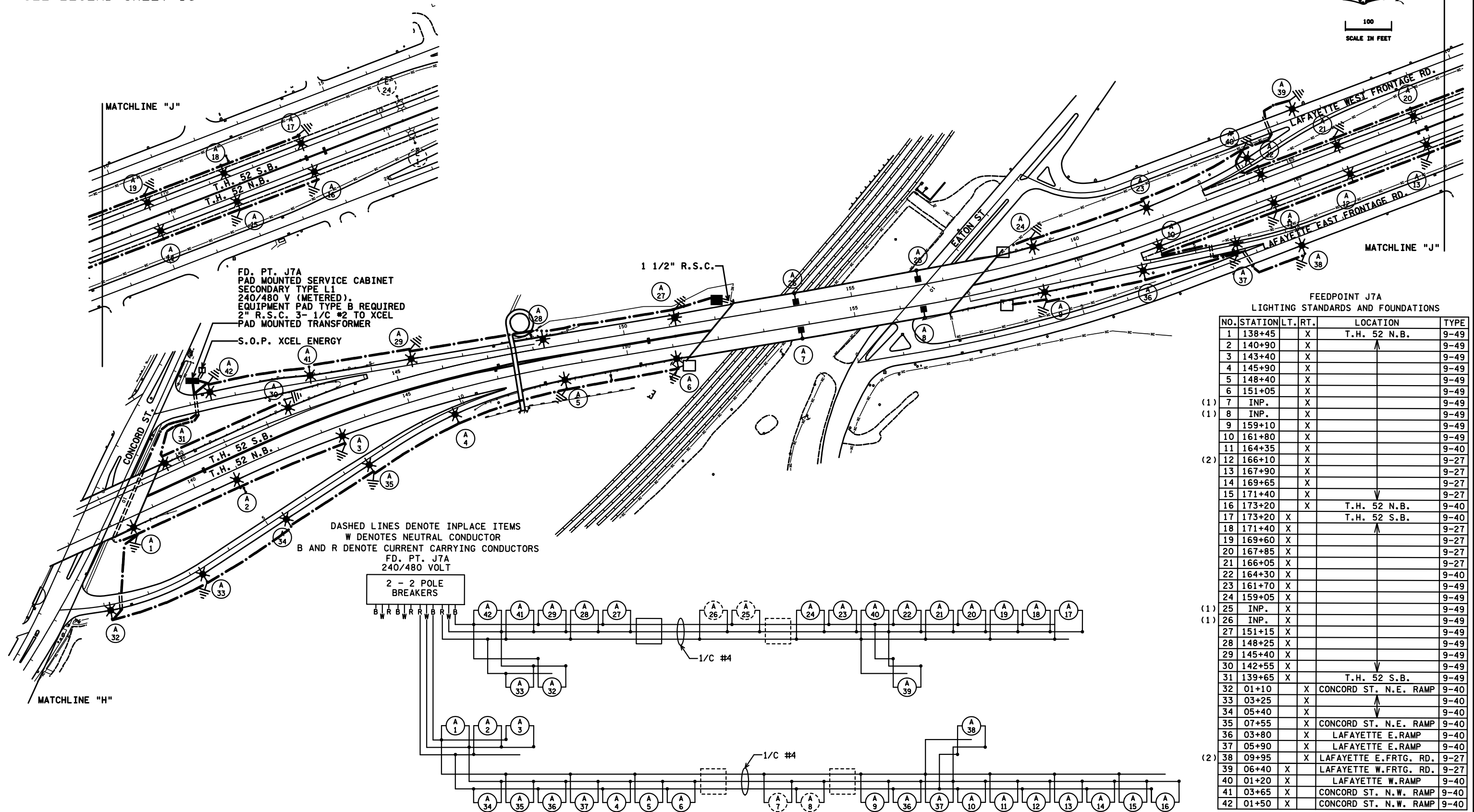
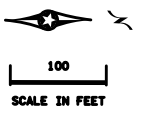
2 - 2 POLE  
 BREAKERS

FEED POINT J7C

BY	DATE	REVISIONS	FEEDPOINT: J7C	LOCATION: TH52 AT CONCORD ST.	<b>LIGHTING PLAN</b>
			METER ADDRESS: 360 CONCORD ST. ST. PAUL 55107		
DRAWN BY: DC	CKD BY: GB	DATE: 8/2014	CERTIFIED BY	LIC. NO. 19863	DATE: 07-JUL-2016
			STATE PROJ.NO. 1928-60 (T.H. 52)		SHEET NO. 22 OF 31 SHEETS

DISTRICT #: DISTRICT \*  
 IPLOT NAME: sample lighting for websitel4  
 PATH & FILENAME: Documents\OT ST /Lighting/sample&space;lighting&space;for&space;websitel4.dgn  
 PLOTTED/REVISED: 07-JUL-2016

SEE LEGEND SHEET 16



FEEDPOINT J7A  
LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	138+45	X		T.H. 52 N.B.	9-49
2	140+90	X			9-49
3	143+40	X			9-49
4	145+90	X			9-49
5	148+40	X			9-49
6	151+05	X			9-49
(1) 7	INP.	X			9-49
(1) 8	INP.	X			9-49
9	159+10	X			9-49
10	161+80	X			9-49
11	164+35	X			9-40
(2) 12	166+10	X			9-27
13	167+90	X			9-27
14	169+65	X			9-27
15	171+40	X			9-27
16	173+20	X		T.H. 52 N.B.	9-40
17	173+20	X		T.H. 52 S.B.	9-40
18	171+40	X			9-27
19	169+60	X			9-27
20	167+85	X			9-27
21	166+05	X			9-27
22	164+30	X			9-40
23	161+70	X			9-49
24	159+05	X			9-49
(1) 25	INP.	X			9-49
(1) 26	INP.	X			9-49
27	151+15	X			9-49
28	148+25	X			9-49
29	145+40	X			9-49
30	142+55	X			9-49
31	139+65	X		T.H. 52 S.B.	9-49
32	01+10		X	CONCORD ST. N.E. RAMP	9-40
33	03+25		X		9-40
34	05+40		X		9-40
35	07+55		X	CONCORD ST. N.E. RAMP	9-40
36	03+80		X	LAFAYETTE E.RAMP	9-40
37	05+90		X	LAFAYETTE E.RAMP	9-40
(2) 38	09+95		X	LAFAYETTE E.FRTG. RD.	9-27
39	06+40	X		LAFAYETTE W.FRTG. RD.	9-27
40	01+20	X		LAFAYETTE W.RAMP	9-40
41	03+65	X		CONCORD ST. N.W. RAMP	9-40
42	01+50	X		CONCORD ST. N.W. RAMP	9-40

(1) F & I: 49' MOUNTING HEIGHT LUMINAIRE  
(2) F & I: AIR OBSTRUCTION LIGHT

FEED POINT J7A

BY	DATE	REVISIONS	FEEDPOINT: J7A	LOCATION: TH 52 AT CONCORD ST.	<b>LIGHTING PLAN</b>
			METER ADDRESS: 350 CONCORD ST. ST. PAUL 55107		
DRAWN BY: DC	CKD BY: GB	DATE: 8/2014	CERTIFIED BY	LIC. NO. 19863	DATE: 07-JUL-2016
			LICENSED PROFESSIONAL ENGINEER		STATE PROJ.NO. 1928-60 (T.H. 52) SHEET NO. 23 OF 31 SHEETS

DISTRICT #: DISTRICT \*  
 IPLOT NAME: sample lighting for websitel5  
 PATH & FILENAME: Documents\OT ST \Lighting\sample\space\lighting\space\or\space\websitel5.dgn  
 PLOTTED/REVISED: 07-JUL-2016



UTILITY OWNERSHIP

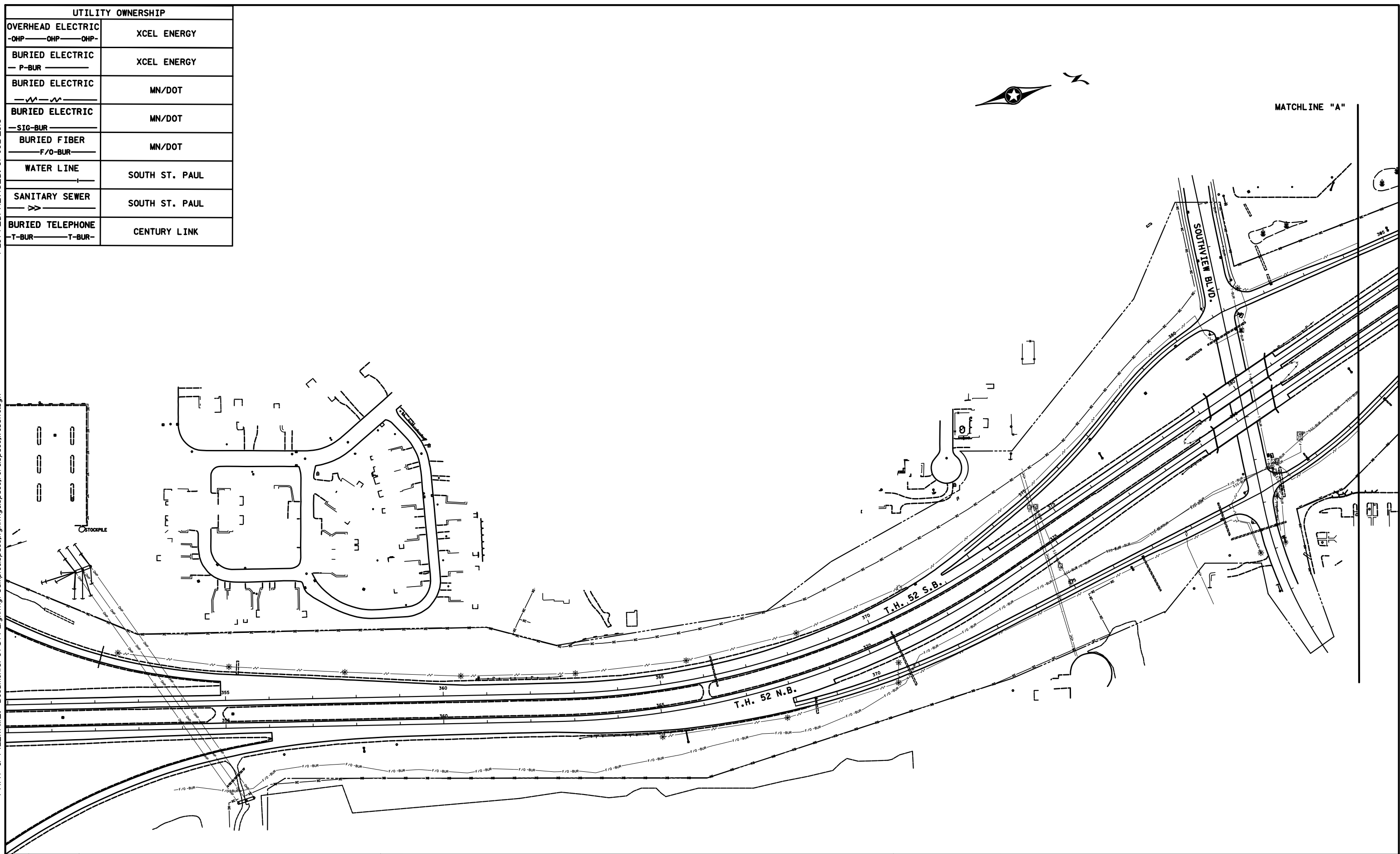
OVERHEAD ELECTRIC -OHP-OHP-OHP-	XCEL ENERGY
BURIED ELECTRIC -P-BUR-	XCEL ENERGY
BURIED ELECTRIC -W-BUR-	MN/DOT
BURIED ELECTRIC -SIG-BUR-	MN/DOT
BURIED FIBER -F/O-BUR-	MN/DOT
WATER LINE	SOUTH ST. PAUL
SANITARY SEWER	SOUTH ST. PAUL
BURIED TELEPHONE -T-BUR-T-BUR-	CENTURY LINK



MATCHLINE "A"

PLOTTED/REVISED: 07-JUL-2016

DISTRICT #: DISTRICT \*  
 IPLOT NAME: sample lighting for webstf6  
 PATH & FILENAME: Documents\OT ST /Lighting/sample\lighting&space;for&space;webstf6.dgn



BY	DATE	REVISIONS

DRAWN BY: DC	CKD BY: GB	DATE: 07-JUL-2016
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CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863 DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

**UTILITIES INFORMATION**

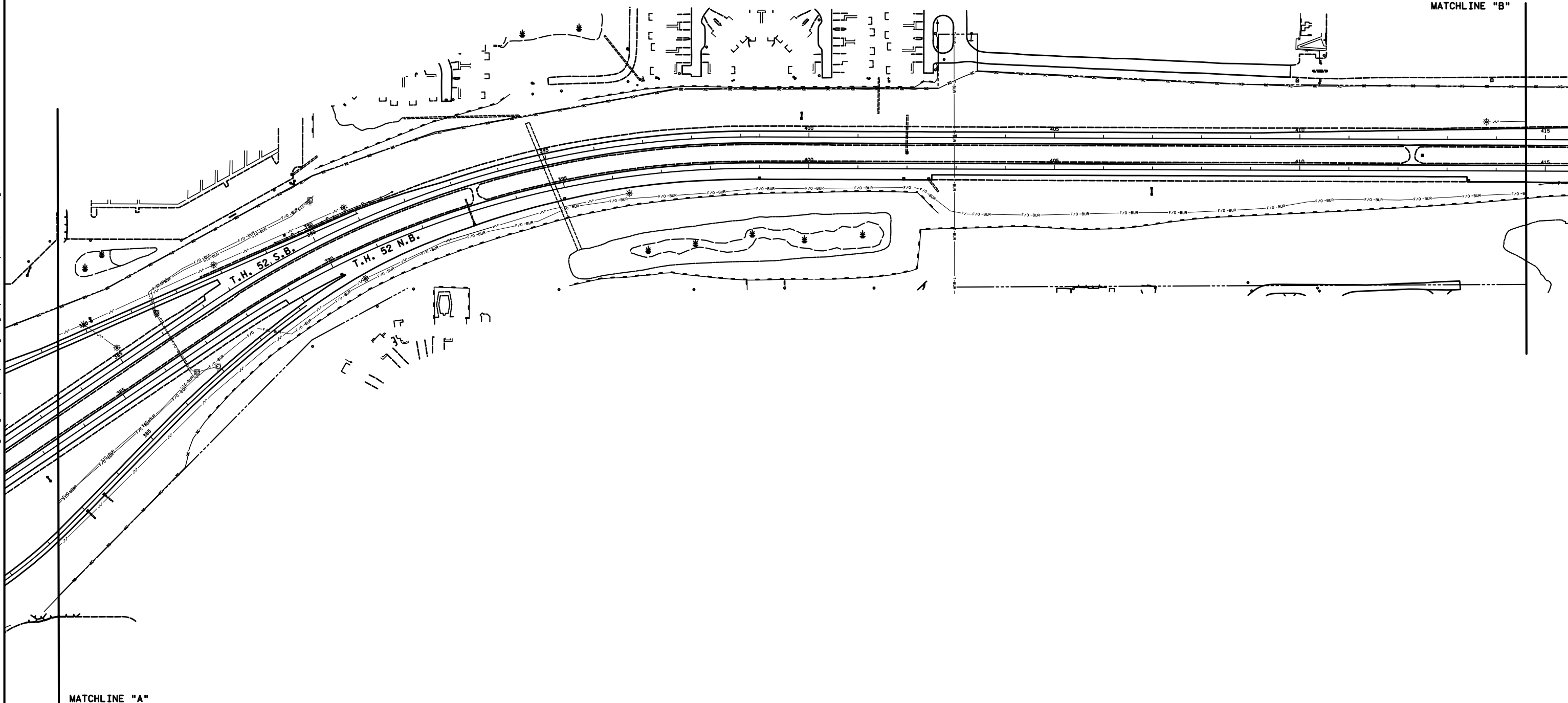
STATE PROJ.NO.1928-60 (T.H.52 ) SHEET NO. 24 OF 31 SHEETS

UTILITY OWNERSHIP	
BURIED TELEPHONE -T-BUR- T-BUR-	CENTURY LINK
BURIED ELECTRIC -E-BUR-	MN/DOT
BURIED ELECTRIC -SIG-BUR-	MN/DOT
BURIED FIBER -F/O-BUR-	MN/DOT



PLOTTED/REVISED: 07-JUL-2016

DISTRICT \*: DISTRICT \*  
 I/PLOT NAME: sample lighting for website  
 PATH & FILENAME: Documents/OT ST/ Lighting/sample lighting & space for & space website.dgn



BY	DATE	REVISIONS

DRAWN BY: DC    CKD BY: GB    DATE: 07-JUL-2016

CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863    DATE: 07-JUL-2016

**UTILITIES INFORMATION**

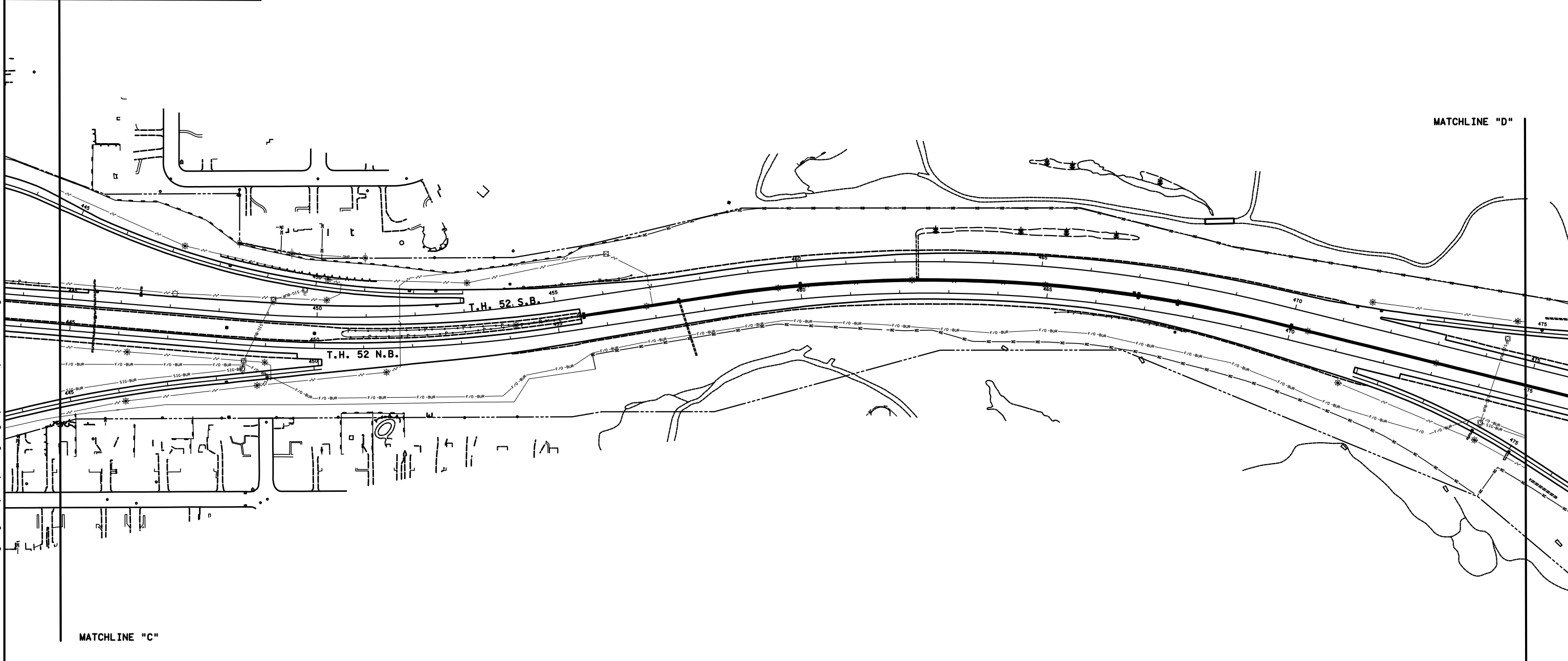
STATE PROJ.NO.1928-60 (T.H.52 )    SHEET NO. 25 OF 31 SHEETS

UTILITY OWNERSHIP	
OVERHEAD ELECTRIC -OHP-OHP-OHP-	XCEL ENERGY
BURIED ELECTRIC -W-W-W-	MN/DOT
BURIED ELECTRIC -SIG-BUR	MN/DOT
BURIED FIBER -F/O-BUR	MN/DOT



PLOTTED/REVISED: 07-JUL-2016

DISTRICT \*: DISTRICT \*  
 IPLOT NAME: sample lighting for websitel8  
 PATH & FILENAME: Documents\OT ST\Lighting\sample\lighting\space\for\space\websitel8.dgn



BY	DATE	REVISIONS
DRAWN BY: DC	CKD BY: GB	DATE: 07-JUL-2016

CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863 DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

**UTILITIES INFORMATION**

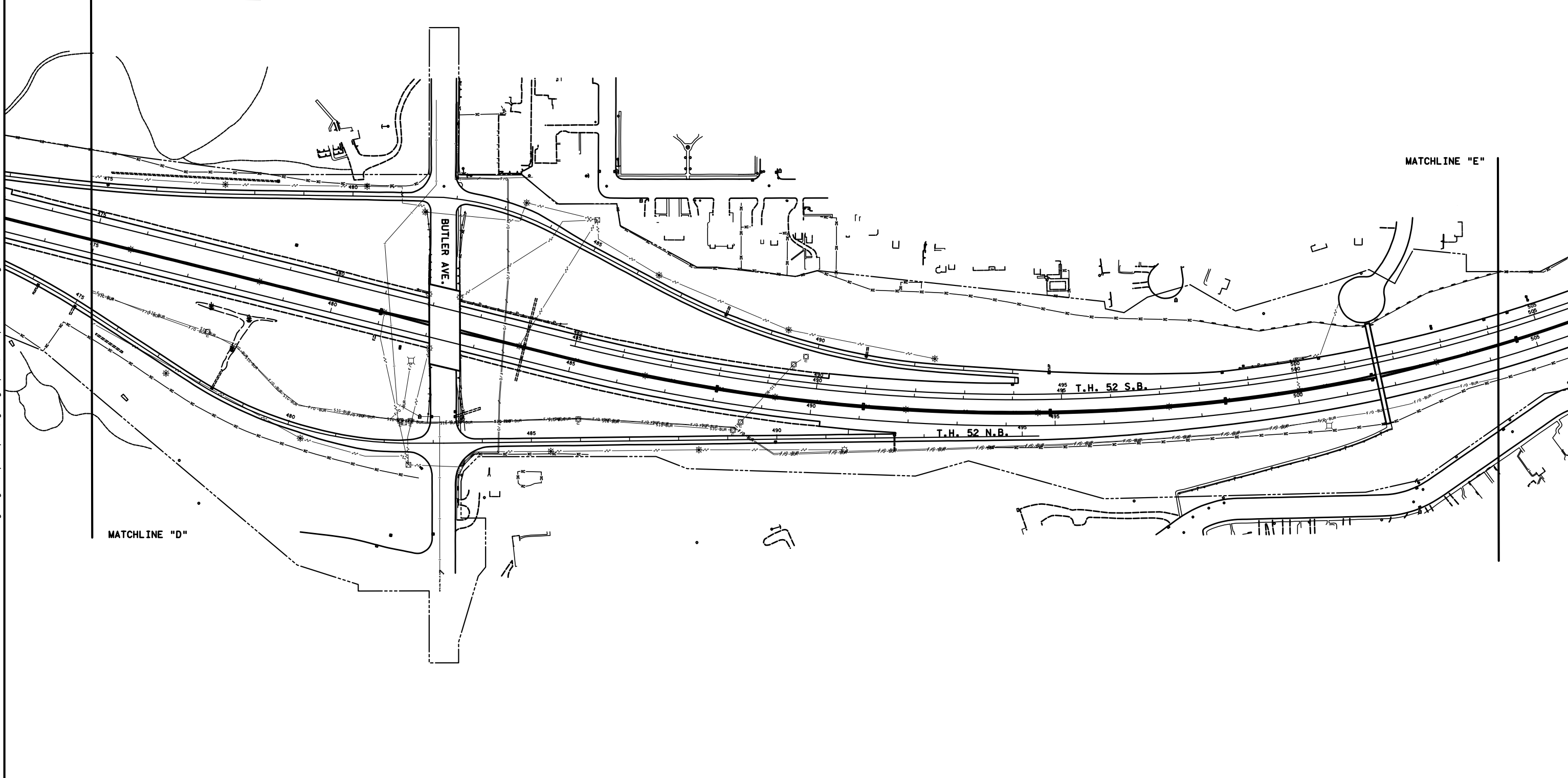
STATE PROJ.NO.1928-60 (T.H.52 ) SHEET NO. 27 OF 31 SHEETS

UTILITY OWNERSHIP	
BURIED FIBER F/O-BUR	SPRINT - WINDSTREAM
BURIED ELECTRIC -W-W-	MN/DOT
BURIED ELECTRIC -SIG-BUR	MN/DOT
BURIED FIBER F/O-BUR	MN/DOT
WATER LINE	SOUTH ST. PAUL



PLOTTED/REVISED: 07-JUL-2016

DISTRICT \*: DISTRICT \*  
 I/PLOT NAME: sample lighting for websitel9  
 PATH & FILENAME: Documents/OT ST /Lighting/sample&space;lighting&space;for&space;websitel9.dgn



BY	DATE	REVISIONS
DRAWN BY: DC	CKD BY: GB	DATE: 07-JUL-2016

CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863 DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

**UTILITIES INFORMATION**

STATE PROJ.NO.1928-60 (T.H.52 ) SHEET NO. 28 OF 31 SHEETS

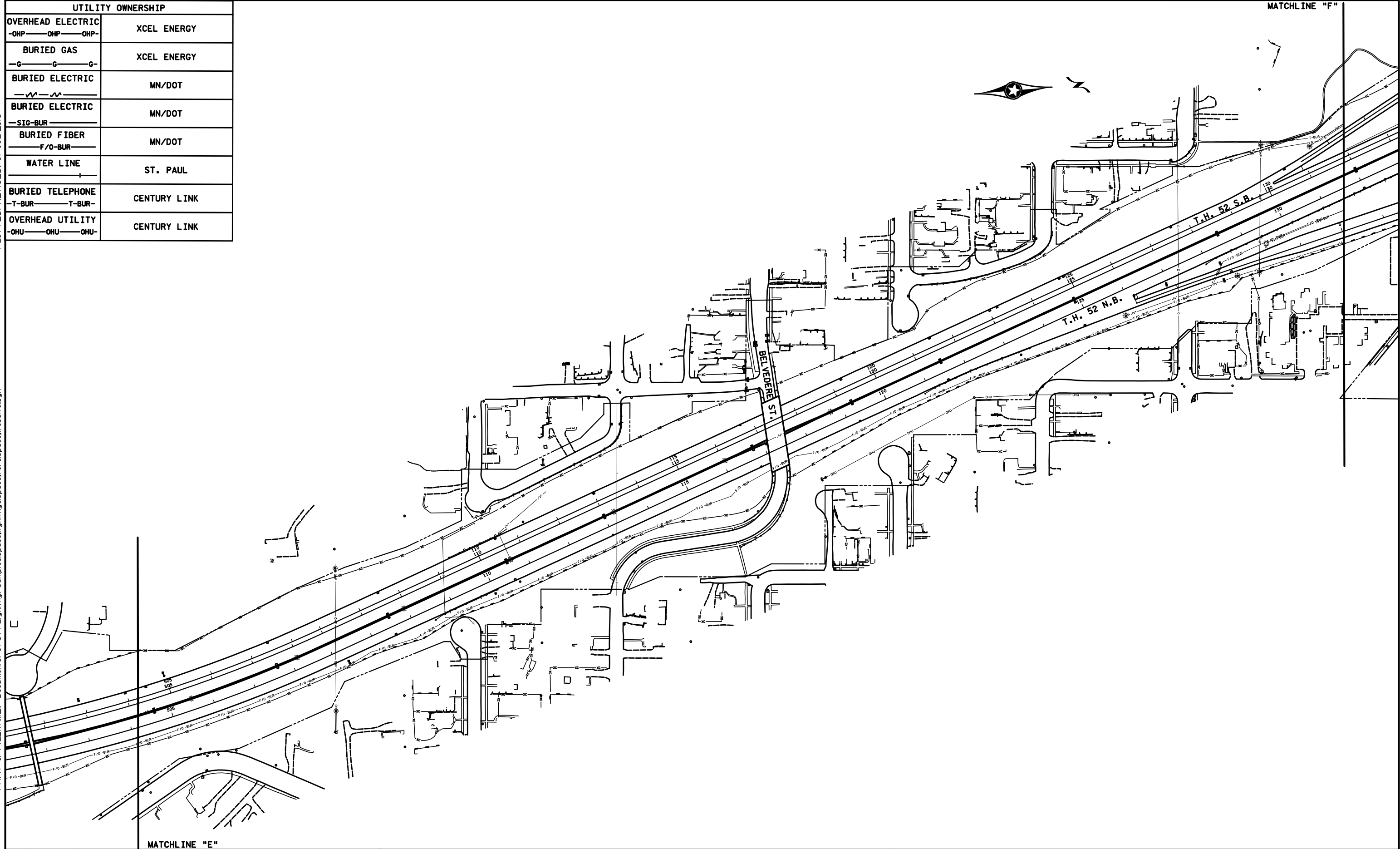
MATCHLINE "F"

UTILITY OWNERSHIP

OVERHEAD ELECTRIC -OHP-OHP-OHP-	XCEL ENERGY
BURIED GAS -G-G-G-	XCEL ENERGY
BURIED ELECTRIC -W-W-W-	MN/DOT
BURIED ELECTRIC -SIG-BUR-	MN/DOT
BURIED FIBER -F/O-BUR-	MN/DOT
WATER LINE -	ST. PAUL
BURIED TELEPHONE -T-BUR-T-BUR-	CENTURY LINK
OVERHEAD UTILITY -OHU-OHU-OHU-	CENTURY LINK

PLOTTED/REVISED: 07-JUL-2016

DISTRICT \*: DISTRICT \*  
IPLLOT NAME: sample lighting for website20  
PATH & FILENAME: Documents\OT ST /Lighting/sample&space\lighting&space\for&space\website.dgn



MATCHLINE "E"

BY	DATE	REVISIONS

DRAWN BY: DC    CKD BY: GB    DATE: 07-JUL-2016

CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863    DATE: 07-JUL-2016

LICENSED PROFESSIONAL ENGINEER

**UTILITIES INFORMATION**

STATE PROJ.NO.1928-60 (T.H.52 )    SHEET NO. 29 OF 31 SHEETS

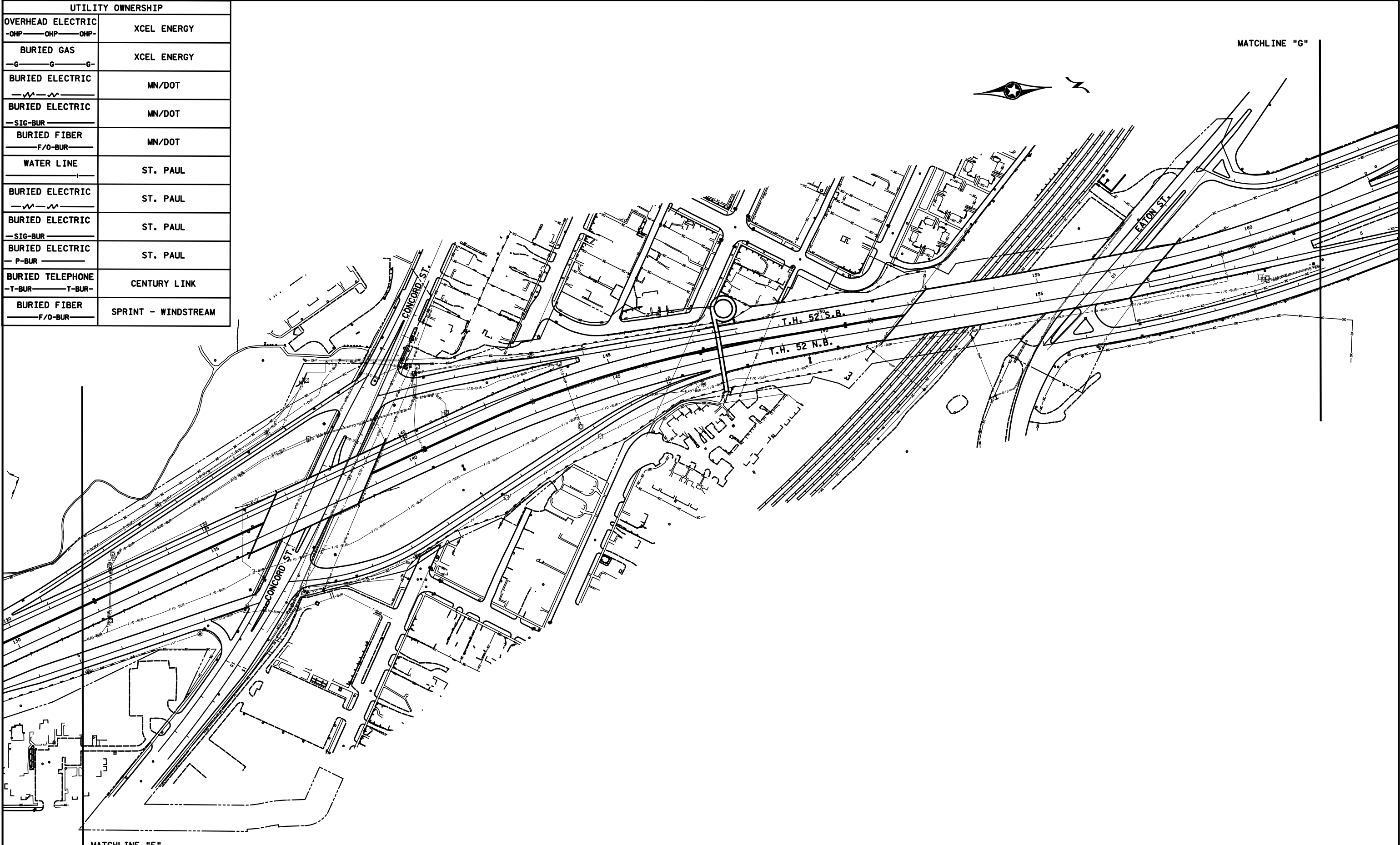
UTILITY OWNERSHIP	
OVERHEAD ELECTRIC -OHP-OHP-OHP-	XCEL ENERGY
BURIED GAS -G-G-G-	XCEL ENERGY
BURIED ELECTRIC -W-W-W-	MN/DOT
BURIED ELECTRIC -SIG-BUR	MN/DOT
BURIED FIBER F/O-BUR	MN/DOT
WATER LINE	ST. PAUL
BURIED ELECTRIC -W-W-W-	ST. PAUL
BURIED ELECTRIC -SIG-BUR	ST. PAUL
BURIED ELECTRIC -P-BUR	ST. PAUL
BURIED TELEPHONE -T-BUR-T-BUR-	CENTURY LINK
BURIED FIBER F/O-BUR	SPRINT - WINDSTREAM

MATCHLINE "G"



PLOTTED/REVISED: 07-JUL-2016

DISTRCT \*: DISTRICT \*  
IPLOT NAME: sample lighting for website2  
PATH & FILENAME: Documents\OT ST \Lighting\sample\lighting\spacefor&spacewebsite.dgn



MATCHLINE "F"

BY	DATE	REVISIONS

DRAWN BY: DC      CKD BY: GB      DATE: 07-JUL-2016

CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863      DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

**UTILITIES INFORMATION**

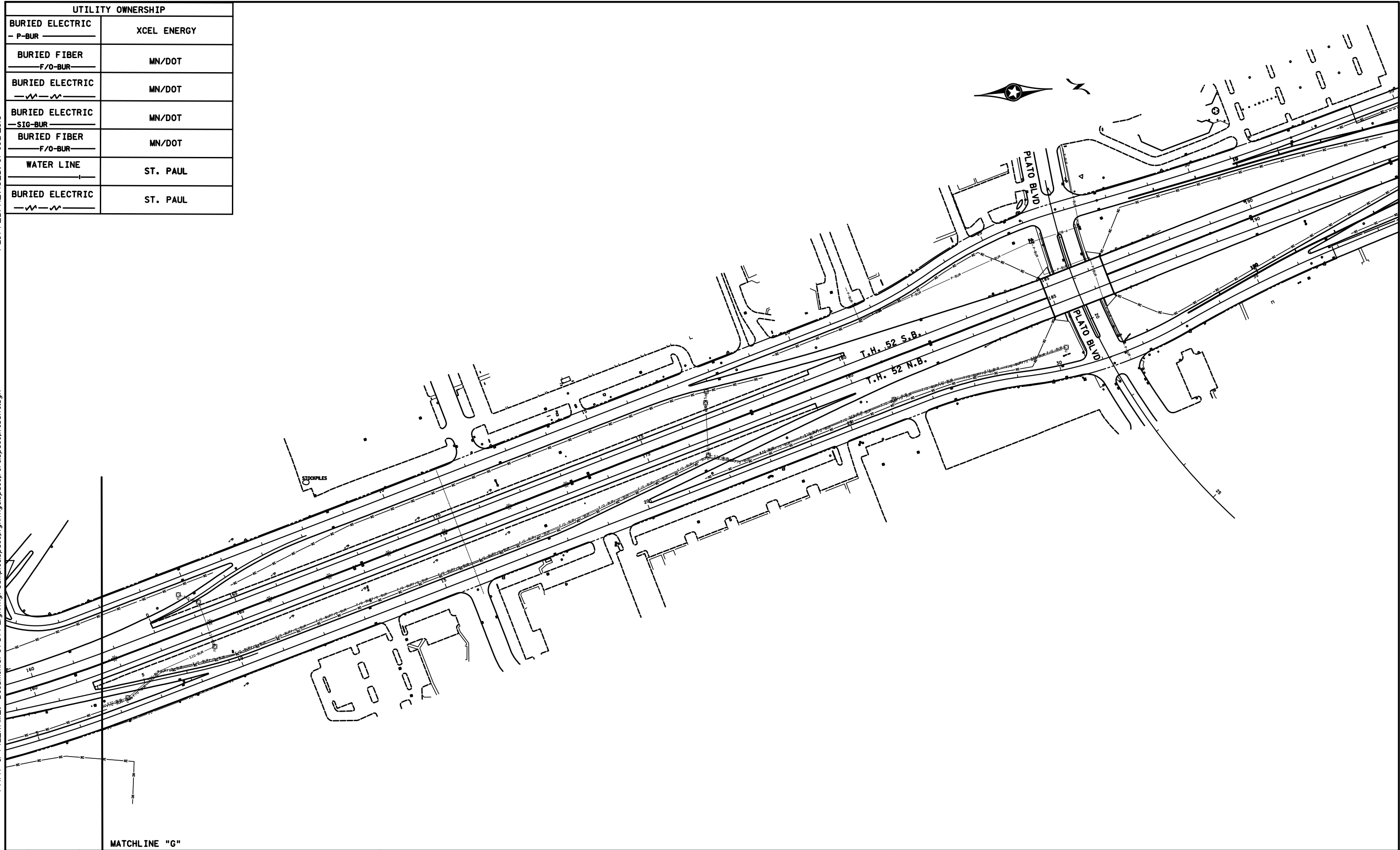
STATE PROJ.NO.1928-60 (T.H.52 )      SHEET NO. 30 OF 31 SHEETS

UTILITY OWNERSHIP	
BURIED ELECTRIC - P-BUR	XCEL ENERGY
BURIED FIBER F/O-BUR	MN/DOT
BURIED ELECTRIC - W-BUR	MN/DOT
BURIED ELECTRIC - SIG-BUR	MN/DOT
BURIED FIBER F/O-BUR	MN/DOT
WATER LINE	ST. PAUL
BURIED ELECTRIC - W-BUR	ST. PAUL



PLOTTED/REVISED: 07-JUL-2016

DISTRICT \*: DISTRICT \*  
 I PLOT NAME: sample lighting for website2  
 PATH & FILENAME: Documents\OT ST /Lighting /sample&space;lighting&space;for&space;website.dgn



BY	DATE	REVISIONS

CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863 DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

**UTILITIES INFORMATION**

STATE PROJ.NO.1928-60 ( T.H.52 )      SHEET NO. 31 OF 31 SHEETS

DRAWN BY: DC      CKD BY: GB      DATE: 07-JUL-2016

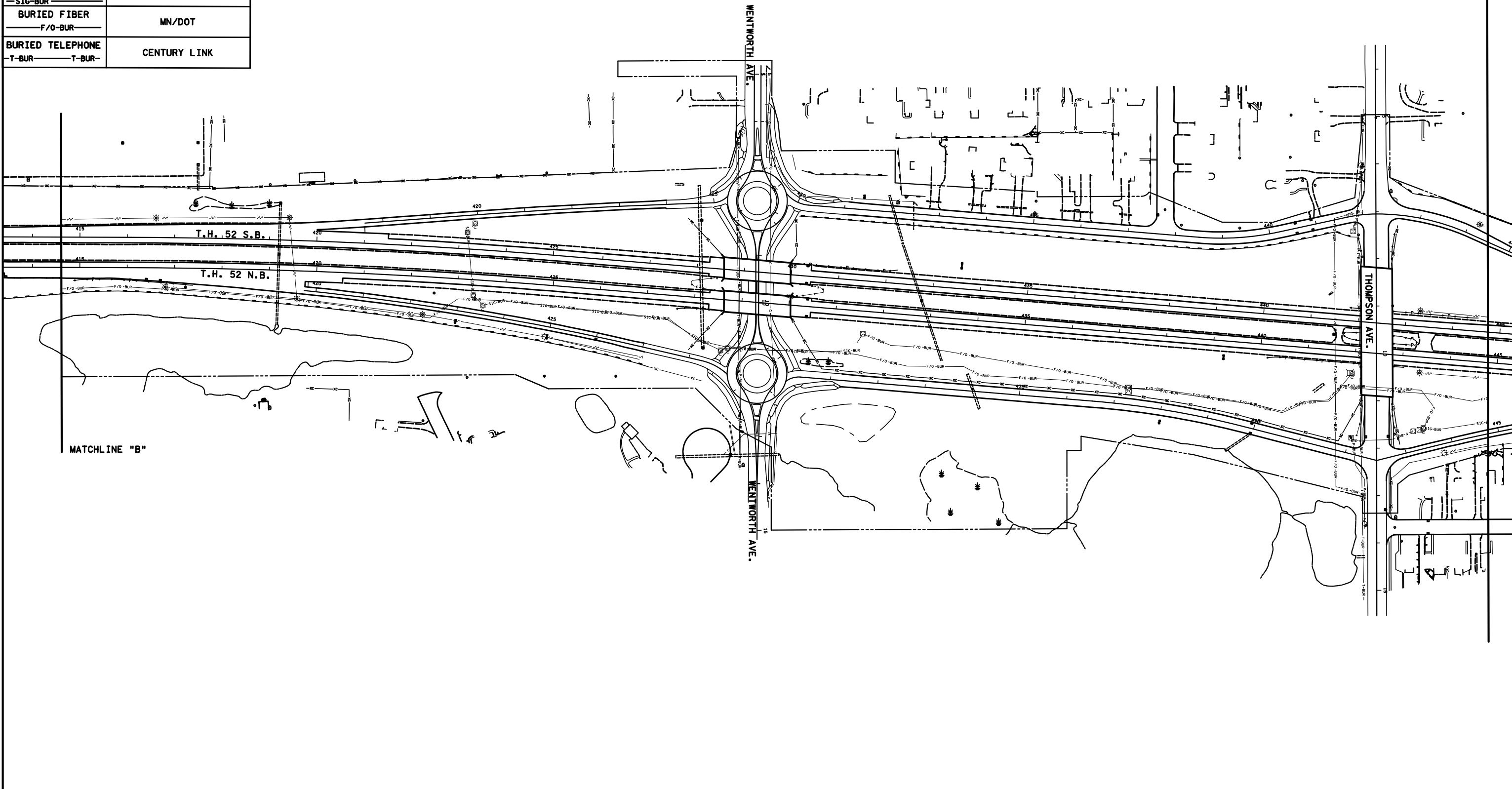
UTILITY OWNERSHIP	
BURIED ELECTRIC — P-BUR —	XCEL ENERGY
BURIED GAS — G — G — G —	XCEL ENERGY
BURIED ELECTRIC — W — W — W —	MN/DOT
BURIED ELECTRIC — SIG-BUR —	MN/DOT
BURIED FIBER — F/O-BUR —	MN/DOT
BURIED TELEPHONE — T-BUR — T-BUR —	CENTURY LINK



MATCHLINE "C"

PLOTTED/REVISED: 07-JUL-2016

DISTRICT \*: DISTRICT \*  
 IPLOT NAME: sample lighting for website23  
 PATH & FILENAME: Documents\OT ST\Lighting\sample\lighting\space\for\spacewebsite.dgn



BY	DATE	REVISIONS
DRAWN BY: DC		CKD BY: GB
DATE: 07-JUL-2016		

CERTIFIED BY \_\_\_\_\_ LIC. NO. 19863 DATE: 07-JUL-2016  
LICENSED PROFESSIONAL ENGINEER

**UTILITIES INFORMATION**

STATE PROJ.NO.1928-60 (T.H.52 ) SHEET NO. 26 OF 31 SHEETS