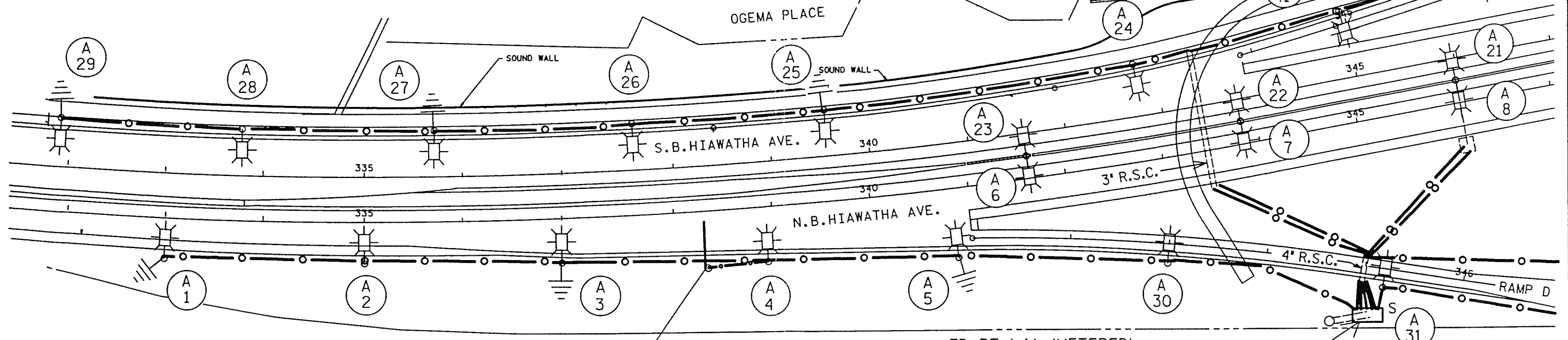


ALL LUMINAIRES ON THIS SHEET SHALL BE 200 WATT HPS



L4A H O.H. 44 4-175W. M.V.

FD PT. L4A (METERED) PAD MOUNTED SOURCE OF POWER 240/480 V. SERVICE PANEL. SECONDARY TYPE L2. F. & I. 2" R.S.C. AND 3-1/C NO. 1/0 TO INP. N.S.P. POWER POLE.

EXHIBIT 291
T.H. 55 & CEDAR AVE.
IN MINNEAPOLIS
N.S.P.
METERED

SHEET TOTALS

21-200 WATT HIGH PRESSURE SODIUM LIGHTING UNITS
4-175 WATT MERCURY VAPOR SIGN LIGHTS

100 FT.

FD. PT. L4A

FEED POINT L4A

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
1	333+00	-	-	HIAWATHA N.B.	9-40
2	335+00	-	-	HIAWATHA N.B.	9-40
3	337+00	-	-	HIAWATHA N.B.	9-40
4	339+95	-	-	HIAWATHA N.B.	9-40
5	340+70	-	-	HIAWATHA N.B.	9-40
(3) 6	341+65	-	-	HIAWATHA N.B.	68D-40
(3) 7	343+85	-	-	HIAWATHA N.B.	68D-40
(3) 8	345+05	-	-	HIAWATHA N.B.	68D-40
(3) 9	348+25	-	-	HIAWATHA N.B.	68D-40

FEED POINT L4A

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
(3) 10	350+65	-	-	HIAWATHA N.B.	68D-40
(3) 11	352+80	-	-	HIAWATHA N.B.	68D-40
(3) 12	355+00	-	-	HIAWATHA N.B.	68D-40
(3) 13	357+20	-	-	HIAWATHA N.B.	68D-40
(3) 14	359+35	-	-	HIAWATHA N.B.	68D-40
15					
24	342+80	-	-	HIAWATHA S.B.	9-40
25	339+55	-	-	HIAWATHA S.B.	9-40
26	337+60	-	-	HIAWATHA S.B.	9-40
27	335+70	-	-	HIAWATHA S.B.	9-40

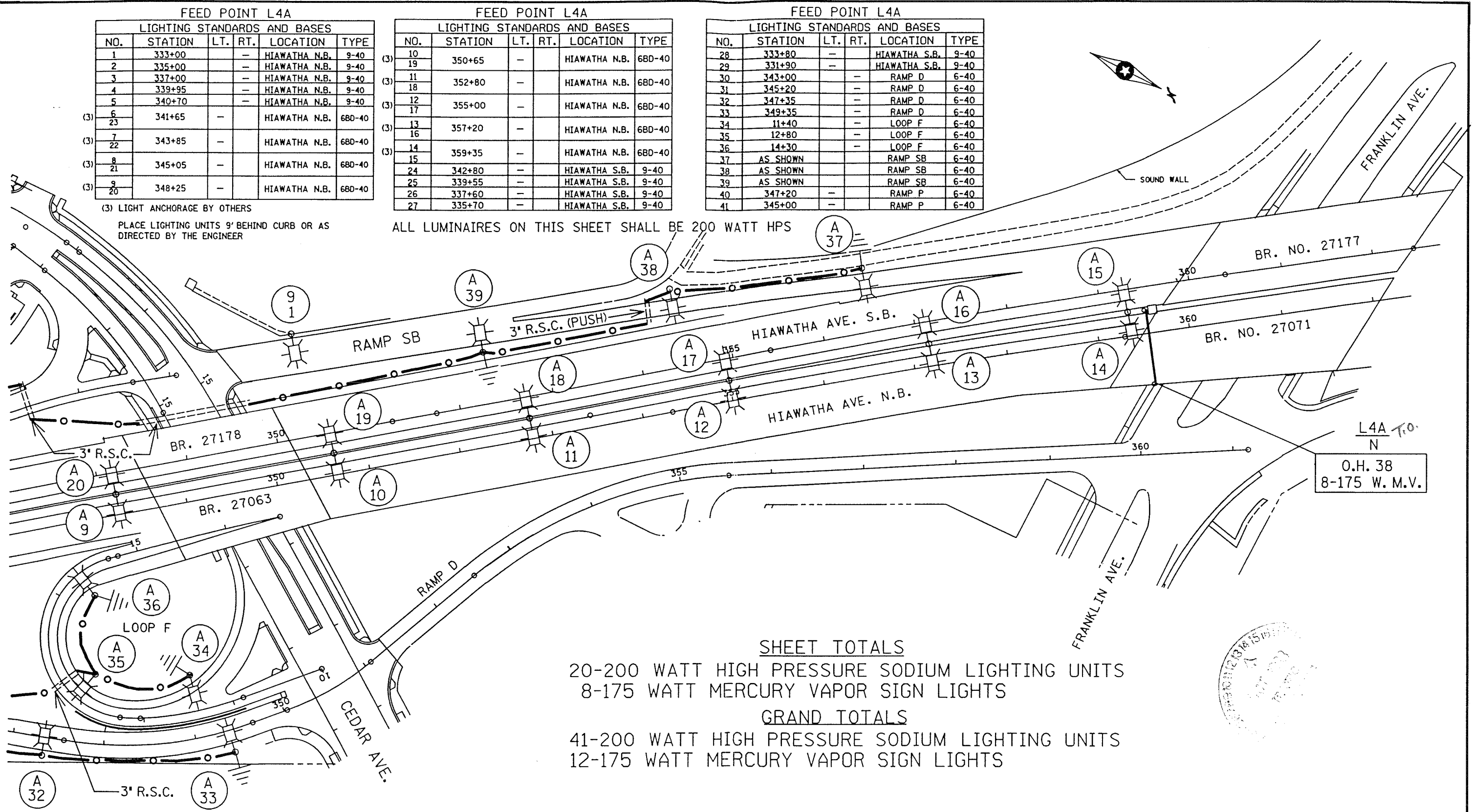
FEED POINT L4A

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
28	333+80	-	-	HIAWATHA S.B.	9-40
29	331+90	-	-	HIAWATHA S.B.	9-40
30	343+00	-	-	RAMP D	6-40
31	345+20	-	-	RAMP D	6-40
32	347+35	-	-	RAMP D	6-40
33	349+35	-	-	RAMP D	6-40
34	11+40	-	-	LOOP F	6-40
35	12+80	-	-	LOOP F	6-40
36	14+30	-	-	LOOP F	6-40
37	AS SHOWN			RAMP SB	6-40
38	AS SHOWN			RAMP SB	6-40
39	AS SHOWN			RAMP SB	6-40
40	347+20	-	-	RAMP P	6-40
41	345+00	-	-	RAMP P	6-40

(3) LIGHT ANCHORAGE BY OTHERS

PLACE LIGHTING UNITS 9' BEHIND CURB OR AS DIRECTED BY THE ENGINEER

ALL LUMINAIRES ON THIS SHEET SHALL BE 200 WATT HPS



L4A T.O.
N
O.H. 38
8-175 W.M.V.

SHEET TOTALS

20-200 WATT HIGH PRESSURE SODIUM LIGHTING UNITS
8-175 WATT MERCURY VAPOR SIGN LIGHTS

GRAND TOTALS

41-200 WATT HIGH PRESSURE SODIUM LIGHTING UNITS
12-175 WATT MERCURY VAPOR SIGN LIGHTS

CITY FEED POINT 9

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
(3) 1	AS SHOWN			RAMP SB	68M-40

(3) LIGHT ANCHORAGE INPLACE

LIGHTING UNIT TO BE WIRED TO CEDAR AVE. LIGHTING SYSTEM BY OTHERS

100 FT.



FD. PT. L4A

CERTIFIED BY

Susan J. Ladd
PROFESSIONAL ENGINEER

REG. NO. 21180

State Proj. No. 2724-105 (T.H. 55) Sheet No. 2 of 2 Sheets

EXHIBIT 291
T.H. 55 & CEDAR AVE.
IN MINNEAPOLIS
N.S.P.
METERED