City of Rochester, Minnesota

Department Of Public Works

RECONSTRUCT SIDEWALK ON 2ND STREET SW FROM
1ST AVENUE SW TO TH 63 (SOUTH BROADWAY)

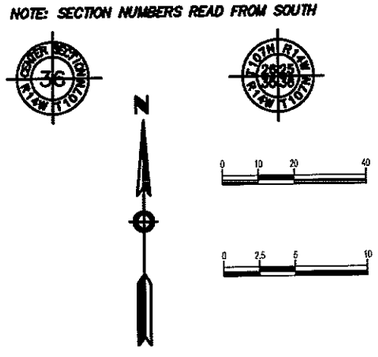
TOWNSHIP 107N **RANGE** 14W **SECTION** 35

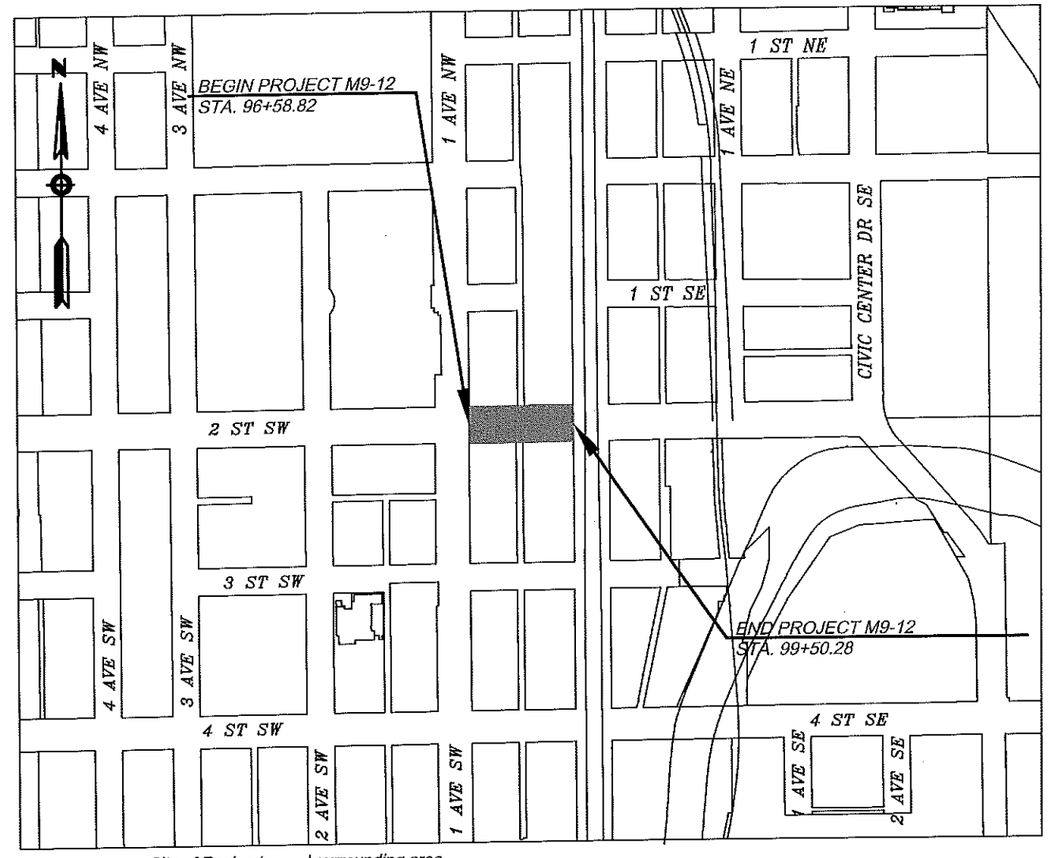
CONVENTIONAL SIGNS AND ABBREVIATIONS

CORPORATE LIMITS
SECTION LINE
RIGHT OF WAY LINE (STATE)
PROPERTY LINE (STREET)
ADDITION LINE
SURVEY LINE
CENTER LINE
WIRE FENCE
STONE WALL OR FENCE
HEDGE
GUARD RAIL
CREEK OR RIVER
DRY RUN
RAILROAD
RAILROAD RIGHT OF WAY LINE
CURB & GUTTER INP.
SIDEWALK INP.
SANITARY SEWER INP.
STORM SEWER INP.
WATERMAIN, GATEVALVE & BOX INP.
ELECTRIC UNDERGROUND INP.
TELEPHONE UNDERGROUND INP.
STEAM MAIN INP.
GAS MAIN INP.
CURB INP.
HYDRANT INP.
TELEPHONE, POWER POLES
LIGHT POLES
TRAFFIC SIGNAL
FIRE ALARM BOX
RAILROAD CROSSING SIGN
RAILROAD CROSSING BELL
TREE
STUMP
BUILDING
IRON PIPE
STONE MONUMENT
MANHOLE INP.
BRICK INP.
BRIDGE INP.
CULVERT INP.
CATCH BASIN INP.
CURB & GUTTER CONST.
SIDEWALK CONST.
SANITARY, STORM SEWER CONST.
WATERMAIN CONST.
MANHOLE CONST.
CATCH BASIN CONST.
HYDRANT CONST.
CROSS
TEE
TAPPING MACHINE SLEEVE & VALVE
BEND, ELBOW
INCREASER, DECREASER
CONCRETE
SAND
CRUSHED ROCK
BITUMINOUS
CLEAR & GRUB TREE
SW, C&G, CONC BASE, DRWY–REMOVE(GRD & ALIGN)
SW, C&G, CONC BASE, DRWY–REMOVE(CONDEMED SW)
SOIL BORING LOCATION

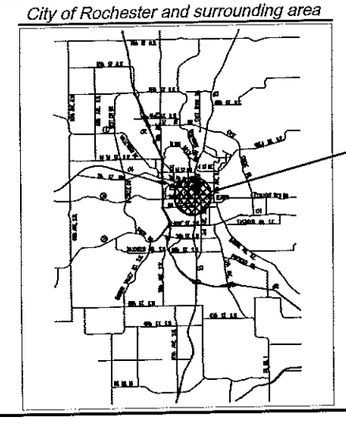
ACRE	A.
ADJUST	ADJ.
AGGREGATE	AGG.
APPROACH	APP.
BENCH MARK	B.M.
BITUMINOUS	BIT.
BRIDGE	BR.
BUILDING	BLDG.
CAST IRON PIPE	C.I.P.
CATCH BASIN	C.B.
CENTER LINE	℄
CENTER TO CENTER	C TO C
CLAY SEWER PIPE	C.S.P.
CONCRETE	CONC.
CONSTRUCT	CONST.
CORNER	COR.
CORRUGATED METAL PIPE	C.M.P.
CORRUGATED METAL PIPE ARCH	C.M.P.–A
CRUSHED ROCK	CR. RK.
CURB & GUTTER	C & G
DEFLECTION LEFT	D L
DEFLECTION RIGHT	D R
DEGREE OF CURVE	D
DELTA OR INTERSECTION ANGLE	Δ
DRIVE	DR.
DRIVEWAY	DRWY.
DROP INLET	D.I.
DUCTILE IRON PIPE	D.I.P.
EAST	E.
ELEVATION	EL.
EMBANKMENT	EMB.
ENTRANCE	ENT.
EQUATION	EQ.
ESTIMATE	EST.
EXCAVATION	EXC.
EXPANSION	EXP.
FLOW LINE	F.L.
FOOT	FT.
FOUNDATION	FD'N.
FRAME	FR.
FURNISH AND INSTALL	F. & I.
GALLON	GAL.
GATEVALVE	GV
GRATE	GR.
HIGH WATER	H.W.
HIGHWAY	HWY.
HORIZONTAL	HORIZ.
HYDRANT	HYD.
INLET	INL.
INPLACE	INPL.
INSTALL	INST.
INVERT	INV.
IRON PIPE	I. P.
JUNCTION	JCT.
LEFT	LT.
LENGTH OF CURVE	L
LINEAL	LIN.
LOW WATER	L.W.
MANHOLE	M.H.
MINIMUM	MIN.
MISCELLANEOUS	MISC.
MONUMENT	MON.
NORTH	N.
NORTH EAST	N.E.
NORTH WEST	N.W.
NUMBER	NO.
OUTLET	OUTL.
PERFORATED	PERF.
POINT OF CURVATURE	P.C.
POINT OF INTERSECTION	P.I.
POINT OF TANGENCY	P.T.
POINT ON TANGENT	P.O.T.
RADIUS, ROCK, RANGE	R.
RAILROAD	R.R.
REINFORCED	REINF.
REINFORCED CONCRETE PIPE	R.C.P.
RETURN	RET.
RIGHT	RT.
SANITARY	SAN.
SEWER	SEW.
SIDEWALK, SOUTH WEST	S.W.
SOUTH	S.
SOUTH EAST	S.E.
SPECIFICATION, SPECIAL	SPEC.
STANDARD	STD.
STATION	STA.
STORM, STATE, STUCCO	ST.
STREET, STONE, STEEL	ST.
SUBDRAIN	SD,SUBD
SURFACE	SURF.
TANGENT	TAN.
TURNING POINT, TELEPHONE POLE	T.P.
VARIABLE	VAR.
VEHICULAR MEASURE	V.M.
VERTICAL	VERT.
VERTICAL CURVE	V.C.
VETRIFIED	VIT.
WEST, WATER	W.

NOTE: SECTION NUMBERS READ FROM SOUTH

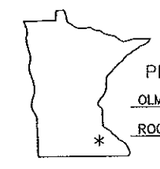




City of Rochester and surrounding area



APPROXIMATE PROJECT LOCATION



PROJECT LOCATION
OLMSTED COUNTY
ROCHESTER DISTRICT

GOVERNING SPECIFICATIONS

State of Minnesota

The 2005 edition of the Minnesota Department of Transportation "Standard Specifications for Construction" shall govern except as modified by special provision.

City of Rochester, Minnesota

- General Requirements and Covenants for Public Works Construction, 2000 edition.
- S100 Standard Specifications for Sewer Construction.
- C150 Standard Specifications for Construction of Service Connections.
- W200 Standard Specifications for Watermain Construction.
- T100 Standard Specifications for Trench Excavation, Backfill & Surface Restoration
- C700 Standard Specifications for Sidewalk Construction.

UTILITY QUALITY LEVEL

The subsurface utility information in this plan is quality level D. This quality level was determined according to the guidelines of CI/ASCE 38-2, entitled "Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data."

INDEX TO PLANS

Sheet Title	Sht. No.
TITLE SHEET	1
ESTIMATED QUANTITIES	2
DETAILS	3-4
REMOVALS	5
GRADING	6-8
EROSION & TRAFFIC CONTROL	9

This plan contains 9 Total sheets

City of Rochester, Minnesota
Department Of Public Works

201 4th Street S.E.
Room 108 - City Hall
Rochester, MN 55904
Phone: (507) 287-7800
Fax: (507) 281-6216

Calvin Feine, Design Technician — Date 4-25-12

Russel Kuhn, Design Engineer: 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 laws of the state of Minnesota.
Date: 4-25-12 Registration Number 24667

Approved: Douglas Nelson, Assist. City of Rochester Engineer — Date 4/27/12

Approved: Richard Freese, City of Rochester Engineer — Date 4/30/12

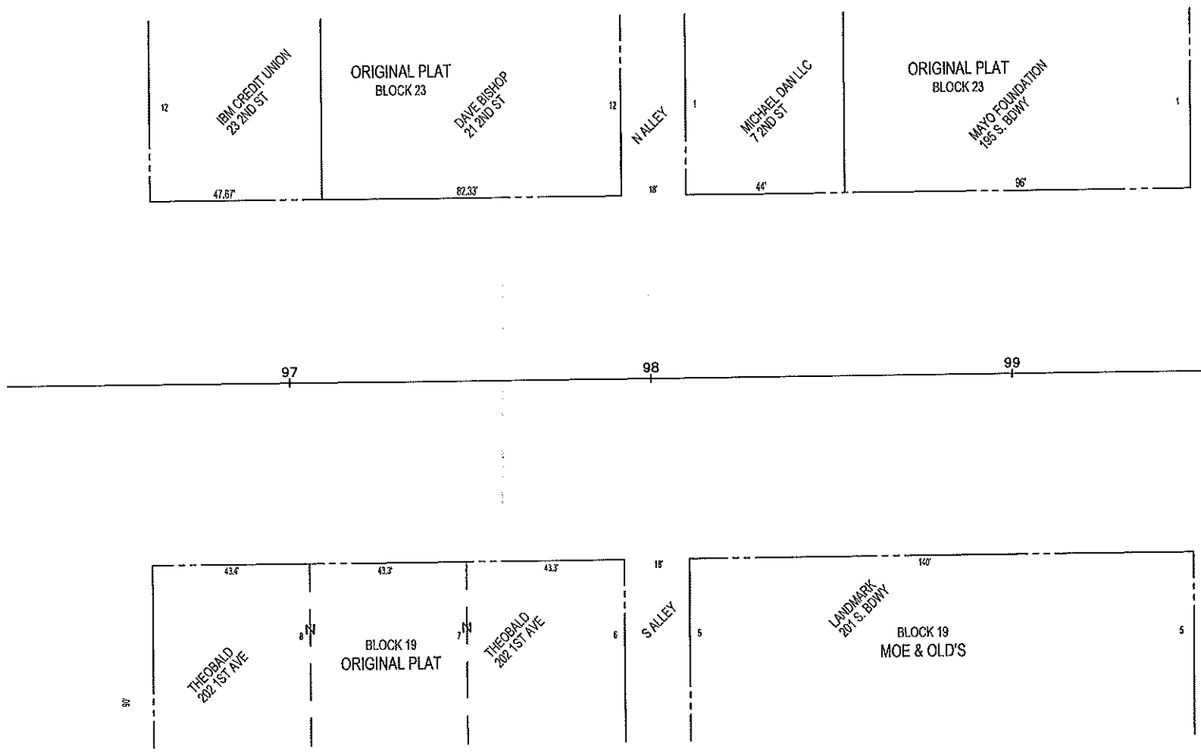
Project No M9-12 J4645
Sheet 1 of 9 Sheets

ELECTRONIC FILE

	1 PED FACILITIES (550) 23 2nd St SW		UNITS	QUANTITY
1	2021.501	MOBILIZATION	EACH	0.08
2	2100.601	BUILDING RESTORATION A	LS	1
3	2101.502	CLEARING	TREE	1
4	2101.507	GRUBBING	TREE	1
5	2104.505	REMOVE CONCRETE WALK	S Y	73.17
6	2104.509	REMOVE LIGHT BASE FOUNDATION	EACH	1
7	2104.523	SALVAGE LUMINAIRE	EACH	1
8	2104.523	SALVAGE LIGHTING UNIT	EACH	1
9	2105.526	SELECT TOPSOIL BORROW (CV) MOD	C Y	20.84
10	2481.618	FLEXIBLE MEMBRANE WATERPROOFING	S F	368.65
11	2521.501	5" CONCRETE WALK SPECIAL	S F	503.42
12	2545.501	ELECTRIC LIGHT SYSTEM	LS	0.08
13	2545.511	LIGHTING UNIT TYPE SPECIAL 2	EACH	1
14	2545.515	LIGHT BASE DESIGN A	EACH	1
15	2563.601	TRAFFIC CONTROL	LS	0.08
16	2571.502	DECIDUOUS TREE 2.5" CAL B&B	TREE	2
17	2573.530	STORM DRAIN INLET PROTECTION	EACH	0.17
18	2575.513	MULCH MATERIAL TYPE 6	C Y	1.49

	2 PED FACILITIES (550) 21 2nd St SW		UNITS	QUANTITY
19	2021.501	MOBILIZATION	LS	0.14
20	2101.502	CLEARING	TREE	2
21	2101.507	GRUBBING	TREE	2
22	2104.505	REMOVE CONCRETE WALK	S Y	128.79
23	2104.509	REMOVE LIGHT BASE FOUNDATION	EACH	2
24	2104.523	SALVAGE LUMINAIRE	EACH	2
25	2104.523	SALVAGE LIGHTING UNIT	EACH	2
26	2105.526	SELECT TOPSOIL BORROW (CV) MOD	C Y	35.14
27	2521.501	5" CONCRETE WALK SPECIAL	S F	865.17
28	2545.501	ELECTRIC LIGHT SYSTEM	LS	0.14
29	2545.511	LIGHTING UNIT TYPE SPECIAL 2	EACH	2
30	2545.515	LIGHT BASE DESIGN A	EACH	2
31	2563.601	TRAFFIC CONTROL	LS	0.14
32	2571.502	DECIDUOUS TREE 2.5" CAL B&B	TREE	3
33	2573.530	STORM DRAIN INLET PROTECTION	EACH	0.29
34	2575.513	MULCH MATERIAL TYPE 6	C Y	2.51

	3 PED FACILITIES (550) North Alley		UNITS	QUANTITY
35	2021.501	MOBILIZATION	LS	0.03
36	2104.501	REMOVE CURB AND GUTTER	L F	31.6
37	2104.505	REMOVE CONCRETE WALK	S Y	20.23
38	2104.505	REMOVE CONCRETE DRIVEWAY PAVEMENT	S Y	10.6
39	2104.509	REMOVE LIGHT BASE FOUNDATION	EACH	1
40	2104.523	SALVAGE LUMINAIRE	EACH	1
41	2104.523	SALVAGE LIGHTING UNIT	EACH	1
42	2521.501	5" CONCRETE WALK SPECIAL 1	S F	49.01
43	2521.501	7" CONCRETE WALK SPECIAL	S F	112.8
44	2531.501	CONCRETE CURB & GUTTER DESIGN B624	L F	31.63
45	2531.507	7" CONCRETE DRIVEWAY PAVEMENT SPECIAL	S Y	12.59
46	2545.501	ELECTRIC LIGHT SYSTEM	LS	0.03
47	2545.511	LIGHTING UNIT TYPE SPECIAL 4	EACH	1
48	2545.515	LIGHT BASE DESIGN D	EACH	1
49	2545.523	2" NON-METALLIC CONDUIT	L F	536
50	2563.601	TRAFFIC CONTROL	LS	0.03
51	2573.530	STORM DRAIN INLET PROTECTION	EACH	0.06



	4 PED FACILITIES (550) 7 2nd St SW		UNITS	QUANTITY
52	2021.501	MOBILIZATION	EACH	0.08
53	2104.505	REMOVE CONCRETE WALK	S Y	68.3
54	2104.509	REMOVE LIGHT BASE FOUNDATION	EACH	1
55	2104.523	SALVAGE LUMINAIRE	EACH	1
56	2104.523	SALVAGE LIGHTING UNIT	EACH	1
57	2105.526	SELECT TOPSOIL BORROW (CV) MOD	C Y	21.93
58	2521.501	5" CONCRETE WALK SPECIAL	S F	476.42
59	2545.501	ELECTRIC LIGHT SYSTEM	LS	0.08
60	2545.511	LIGHTING UNIT TYPE SPECIAL 2	EACH	1
61	2545.515	LIGHT BASE DESIGN A	EACH	1
62	2563.601	TRAFFIC CONTROL	LS	0.08
63	2571.502	DECIDUOUS TREE 2.5" CAL B&B	TREE	2
64	2573.530	STORM DRAIN INLET PROTECTION	EACH	0.15
65	2575.513	MULCH MATERIAL TYPE 6	C Y	1.57

	5 PED FACILITIES (550) 195 Broadway S		UNITS	QUANTITY
66	2021.501	MOBILIZATION	EACH	0.17
67	2100.601	BUILDING RESTORATION B	LS	1
68	2104.501	REMOVE CURB AND GUTTER	L F	100
69	2104.505	REMOVE CONCRETE WALK	S Y	153.18
70	2481.618	FLEXIBLE MEMBRANE WATERPROOFING	S F	1,473.86
71	2521.501	5" CONCRETE WALK SPECIAL	S F	1,375.00
72	2531.501	CONCRETE CURB & GUTTER DESIGN B624	L F	100
73	2545.501	ELECTRIC LIGHT SYSTEM	LS	0.17
74	2563.601	TRAFFIC CONTROL	LS	0.17
75	2573.530	STORM DRAIN INLET PROTECTION	EACH	0.33

	6 PED FACILITIES (550) 202 1st Ave SW		UNITS	QUANTITY
76	2021.501	MOBILIZATION	EACH	0.23
77	2100.601	BUILDING RESTORATION C	LS	1
78	2104.505	REMOVE CONCRETE WALK	S Y	199.13
79	2104.509	REMOVE LIGHT BASE FOUNDATION	EACH	3
80	2104.523	SALVAGE LUMINAIRE	EACH	3
81	2104.523	SALVAGE LIGHTING UNIT	EACH	3
82	2105.526	SELECT TOPSOIL BORROW (CV) MOD	C Y	53.49
83	2481.618	FLEXIBLE MEMBRANE WATERPROOFING	S F	1,012.23
84	2521.501	5" CONCRETE WALK SPECIAL	S F	1,346.32
85	2545.501	ELECTRIC LIGHT SYSTEM	LS	0.23
86	2545.511	LIGHTING UNIT TYPE SPECIAL 2	EACH	3
87	2545.515	LIGHT BASE DESIGN A	EACH	3
88	2563.601	TRAFFIC CONTROL	LS	0.23
89	2571.502	DECIDUOUS TREE 2.5" CAL B&B	TREE	5
90	2573.530	STORM DRAIN INLET PROTECTION	EACH	0.45
91	2575.513	MULCH MATERIAL TYPE 6	C Y	3.52

	7 PED FACILITIES (550) South Alley		UNITS	QUANTITY
92	2021.501	MOBILIZATION	EACH	0.03
93	2104.501	REMOVE CURB AND GUTTER	L F	32
94	2104.505	REMOVE CONCRETE WALK	S Y	12.47
95	2104.505	REMOVE CONCRETE DRIVEWAY PAVEMENT	S Y	17.21
96	2104.509	REMOVE LIGHT BASE FOUNDATION	EACH	1
97	2104.523	SALVAGE LUMINAIRE	EACH	1
98	2104.523	SALVAGE LIGHTING UNIT	EACH	1
99	2521.501	5" CONCRETE WALK SPECIAL 1	S F	51.55
100	2521.501	7" CONCRETE WALK SPECIAL	S F	139.98
101	2531.501	CONCRETE CURB & GUTTER DESIGN B624	L F	31.95
102	2531.507	7" CONCRETE DRIVEWAY PAVEMENT SPECIAL	S Y	15.04
103	2545.501	ELECTRIC LIGHT SYSTEM	LS	0.03
104	2545.511	LIGHTING UNIT TYPE SPECIAL 4	EACH	1
105	2545.515	LIGHT BASE DESIGN D	EACH	1
106	2545.523	2" NON-METALLIC CONDUIT	L F	649
107	2563.601	TRAFFIC CONTROL	LS	0.03
108	2573.530	STORM DRAIN INLET PROTECTION	EACH	0.06

	8 PED FACILITIES (550) 201 Broadway S		UNITS	QUANTITY
109	2021.501	MOBILIZATION	EACH	0.24
110	2101.502	CLEARING	TREE	3
111	2101.507	GRUBBING	TREE	3
112	2104.505	REMOVE CONCRETE WALK	S Y	215.28
113	2104.509	REMOVE LIGHT BASE FOUNDATION	EACH	3
114	2104.523	SALVAGE LUMINAIRE	EACH	3
115	2104.523	SALVAGE LIGHTING UNIT	EACH	3
116	2105.526	SELECT TOPSOIL BORROW (CV) MOD	C Y	40.65
117	2521.501	5" CONCRETE WALK SPECIAL	S F	1,606.13
118	2545.501	ELECTRIC LIGHT SYSTEM	LS	0.24
119	2545.511	LIGHTING UNIT TYPE SPECIAL 2	EACH	3
120	2545.515	LIGHT BASE DESIGN A	EACH	3
121	2563.601	TRAFFIC CONTROL	LS	0.24
122	2571.502	DECIDUOUS TREE 2.5" CAL B&B	TREE	4
123	2573.530	STORM DRAIN INLET PROTECTION	EACH	0.49
124	2575.513	MULCH MATERIAL TYPE 6	C Y	2.9

Revised: --- Revision comment: ---
Creation Date: ---

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 laws of the State of Minnesota.
Date: 4/26/12 Reg. No. 24667

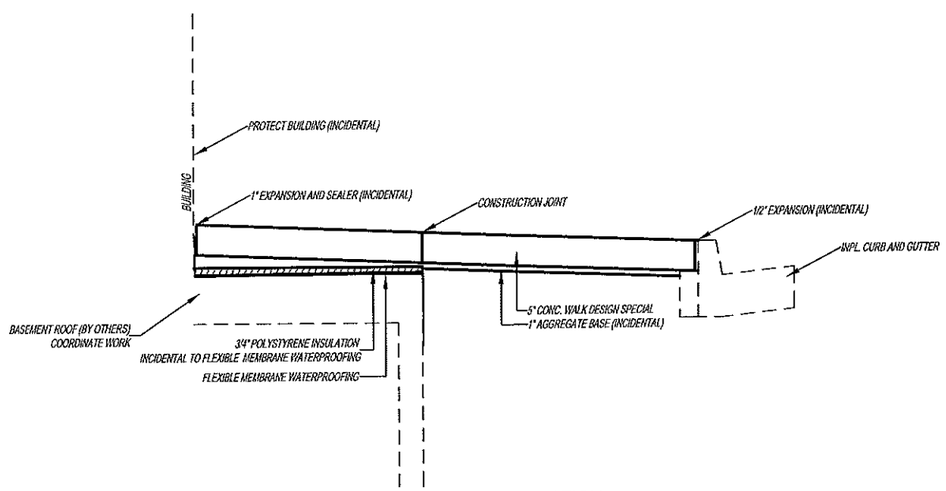
City of Rochester, Minnesota
Department Of Public Works
201 4th Street S.E.
Rochester, MN 55904
Phone: (507) 328-2450
FAX: (507) 328-2401

Title: ESTIMATED QUANTITIES

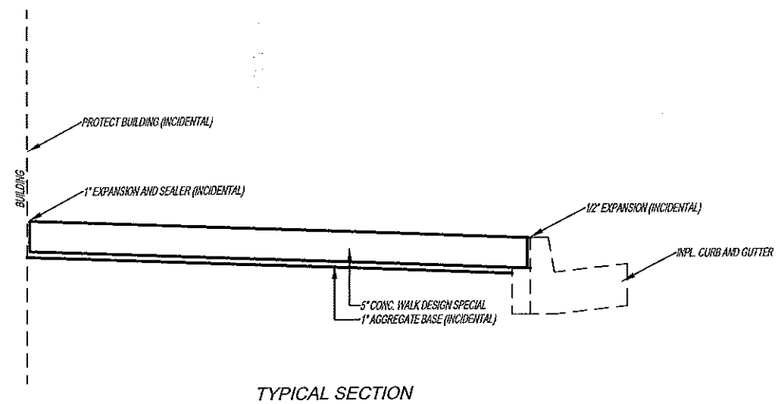
Designer: CHF Checker: RJK

Project No. M9-12 J4645
Sheet 2 of 9 Sheets

STANDARD DETAIL PLATES	
CITY OF ROCHESTER	
NO.	DETAIL PLATE
2-01	CONCRETE CURB & GUTTER
2-02	CONCRETE SILL
2-11	CONCRETE DRIVE APPROACH TYPE B
2-14	SIDEWALK DETAILS
7-05	INLET PROTECTION
THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION SHALL APPLY ON THIS PROJECT	
STATE OF MINNESOTA	
NO.	DETAIL PLATE
80001	STANDARD BARRICADES



TYPICAL SECTION
WITH BASEMENT UNDER SIDEWALK



TYPICAL SECTION
WITH NO BASEMENT UNDER SIDEWALK

Revision comment: —
Revision: —
Creation Date:

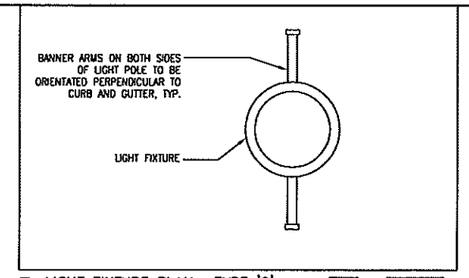
I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Date: 4/25/12 Reg. No. 24587

City of Rochester, Minnesota
Department Of Public Works
201 4th Street S.E.
Rochester, MN 55904
Phone: (507) 328-2450
FAX: (507) 328-2401

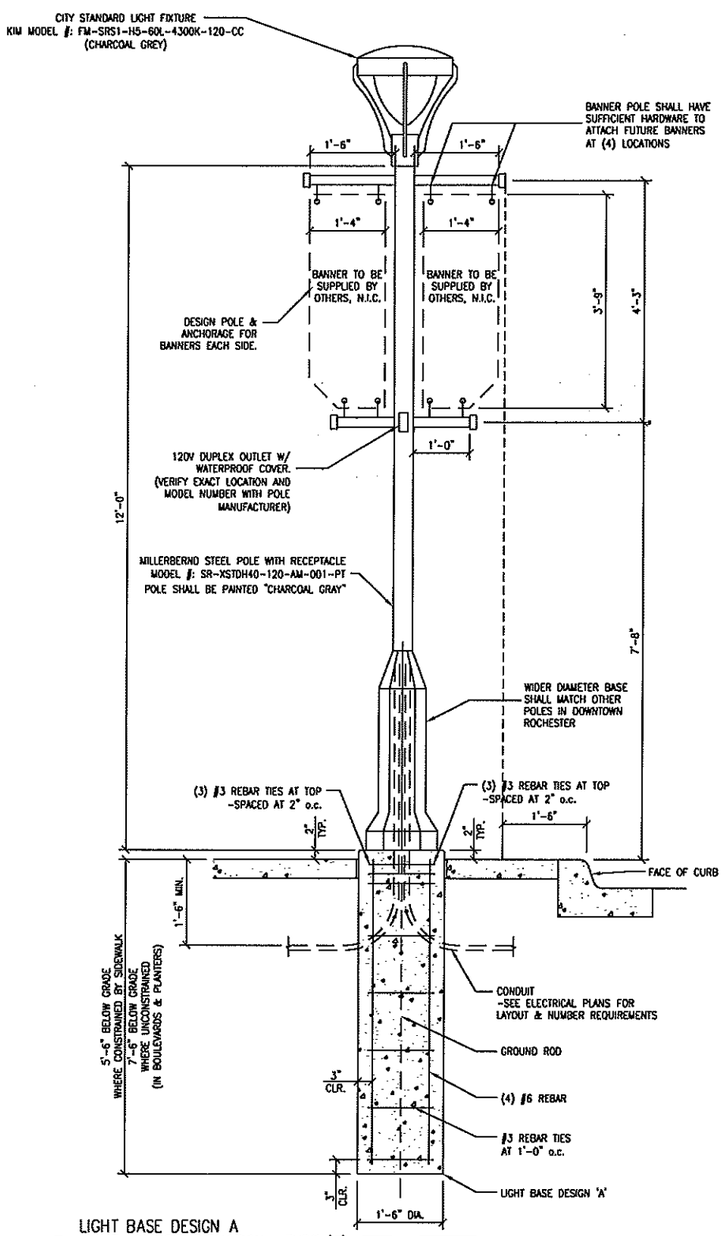
Title: STANDARD DETAIL PLATES AND TYPICAL SECTIONS

Designer: CWF
Checker: RJK

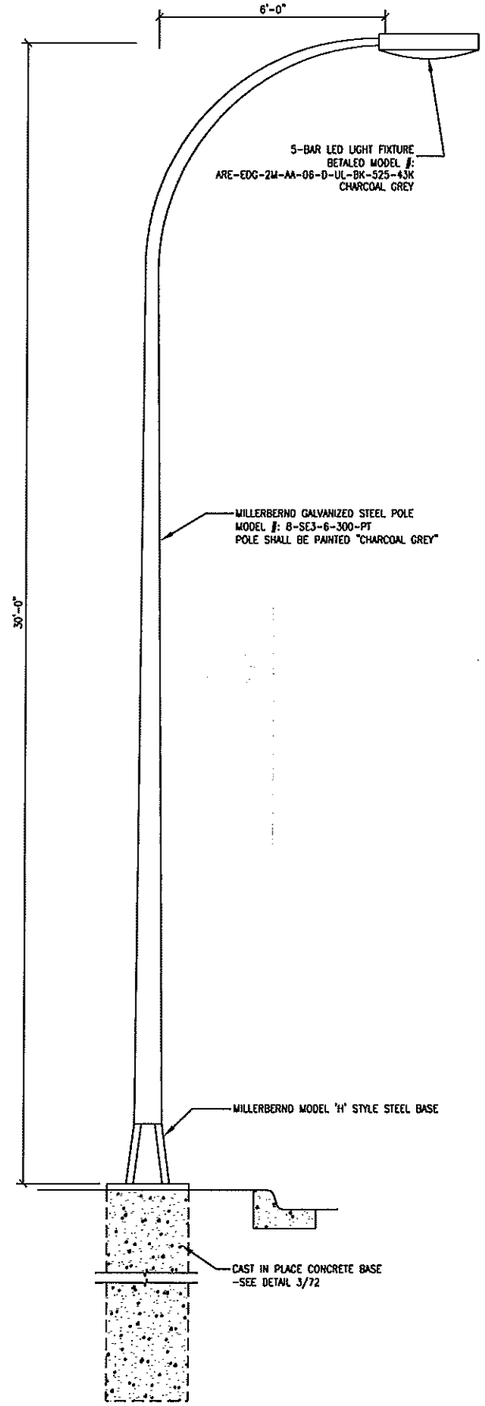
Project No. M9-12 J4645
Sheet 3 of 9 Sheets



LIGHT FIXTURE PLAN –TYPE '2'
ORIGINAL SCALE: 3/4"=1'-0" 0' 6" 1' 2'



LIGHT BASE DESIGN A
LIGHT FIXTURE ELEVATION –TYPE '2'
ORIGINAL SCALE: 3/4"=1'-0" 0' 6" 1' 2'

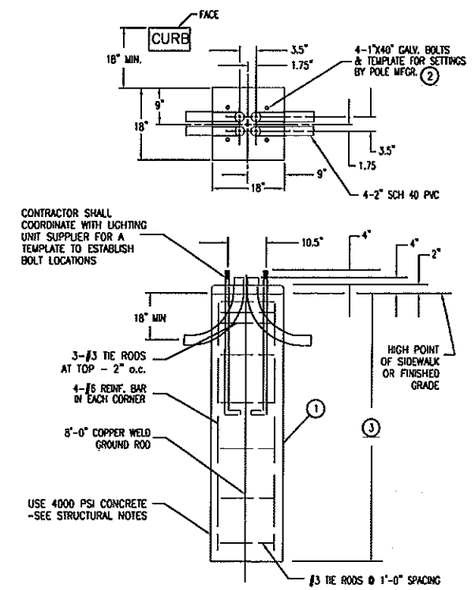


LIIGHTING UNIT TYPE SPECIAL 4
LIGHT BASE DESIGN D

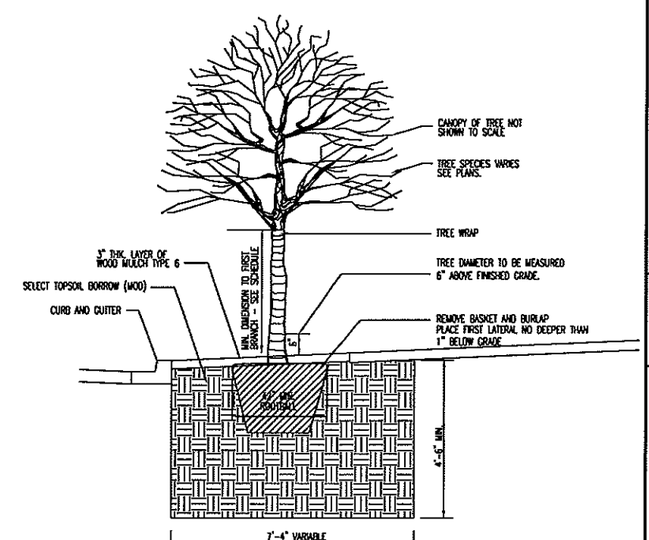
(1) NEW C.I.P. CONCRETE LIGHT BASE EXCEPT AT (2) LIGHTS AT MAYO BUILDING, RE-USE EXISTING BASE.

(2) AT EXISTING LIGHT BASE RE-USE EXISTING ANCHORS IF CONDITION IS ADEQUATE AND LAYOUT IS CORRECT FOR NEW BASE. OTHERWISE CUT ANCHORS FLUSH WITH CONCRETE AND COAT ANCHORS AND SURROUNDING CONCRETE WITH BRUSH APPLIED WATERPROOFING. INSTALL NEW STAINLESS STEEL ANCHOR RODS USING INJECTION ADHESIVE. EMBEDMENT DEPTH SHALL BE ADEQUATE TO DEVELOP THE FULL STRENGTH OF ANCHOR ROD, PER EPOXY MANUF. TABLES BUT NO LESS THAN 16". INSTALL NEW RODS A MINIMUM OF 4" FROM EXISTING ANCHOR LOCATIONS. CONTRACTOR SHALL COORDINATE ROTATED ANCHOR LAYOUT (IF REQUIRED) WITH LIGHTING SUPPLIER.

(3) 5'-6" BELOW GRADE WHERE CONSTRAINED BY SIDEWALK
7'-6" BELOW GRADE WHERE UNCONSTRAINED (IN BOULEVARDS & PLANTERS)



(3) LIGHT BASE DESIGN D
ORIGINAL SCALE: 3/4"=1'-0" 0' 6" 1' 2'



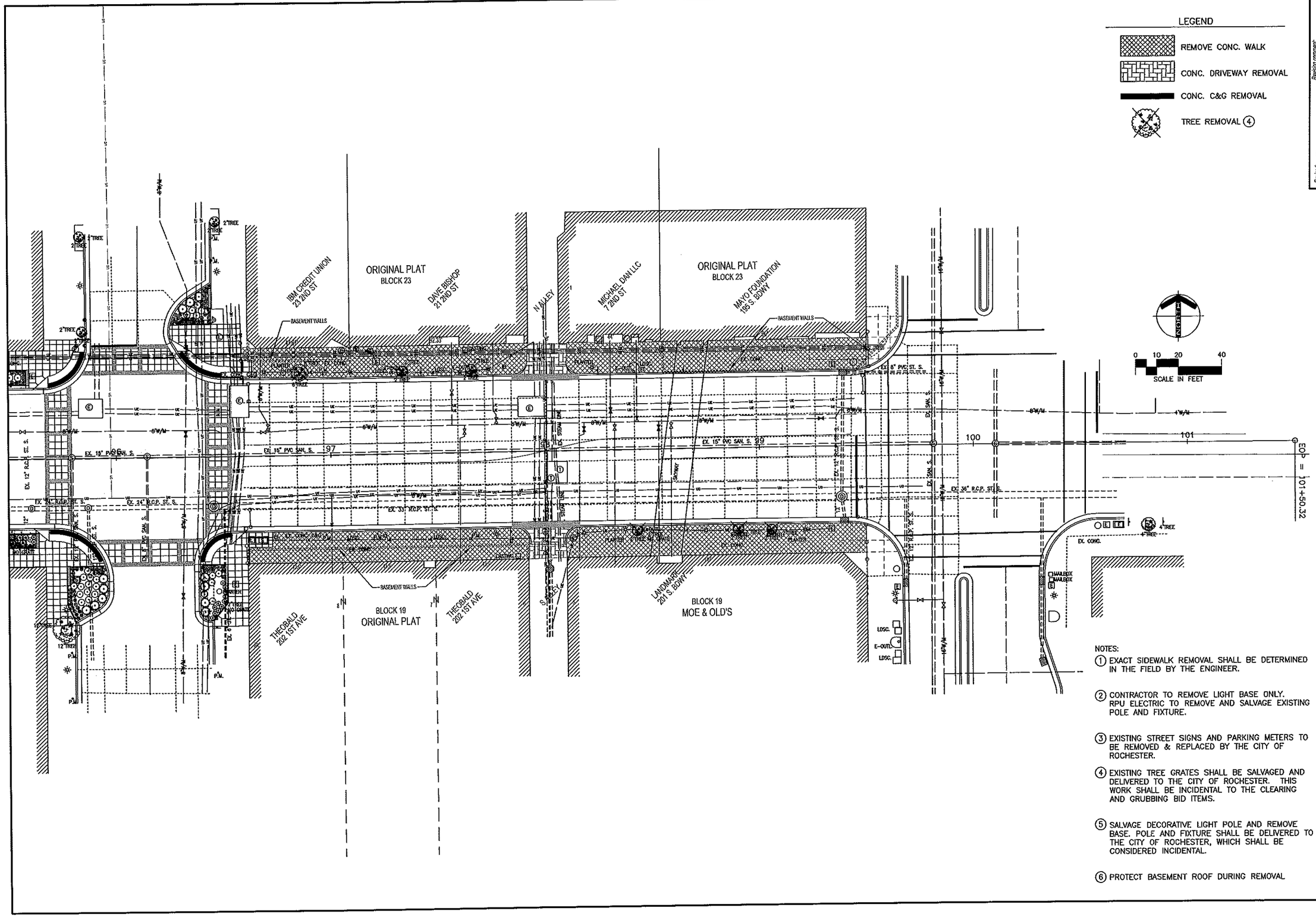
TREES – TOPSOIL – MULCH
NOT TO SCALE

Revision comment: –
Revision: –
Creation Date:

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 laws of the State of Minnesota.
Date: 4/26/12 Reg. No. 24667

City of Rochester, Minnesota
Department Of Public Works
201 4th Street S.E.
Rochester, MN 55904
Phone: (507) 328-2450
FAX: (507) 328-2401

Title: LIGHTING AND PLANTING DETAILS
Designer: CWF
Checker: RJK
Project No. M9-12 J 4645
Sheet 4 of 9 Sheets



NOTES:

1. EXACT SIDEWALK REMOVAL SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. CONTRACTOR TO REMOVE LIGHT BASE ONLY. RPU ELECTRIC TO REMOVE AND SALVAGE EXISTING POLE AND FIXTURE.
3. EXISTING STREET SIGNS AND PARKING METERS TO BE REMOVED & REPLACED BY THE CITY OF ROCHESTER.
4. EXISTING TREE GRATES SHALL BE SALVAGED AND DELIVERED TO THE CITY OF ROCHESTER. THIS WORK SHALL BE INCIDENTAL TO THE CLEARING AND GRUBBING BID ITEMS.
5. SALVAGE DECORATIVE LIGHT POLE AND REMOVE BASE. POLE AND FIXTURE SHALL BE DELIVERED TO THE CITY OF ROCHESTER, WHICH SHALL BE CONSIDERED INCIDENTAL.
6. PROTECT BASEMENT ROOF DURING REMOVAL

Revision comments:
Revised: —
Creation Date: —

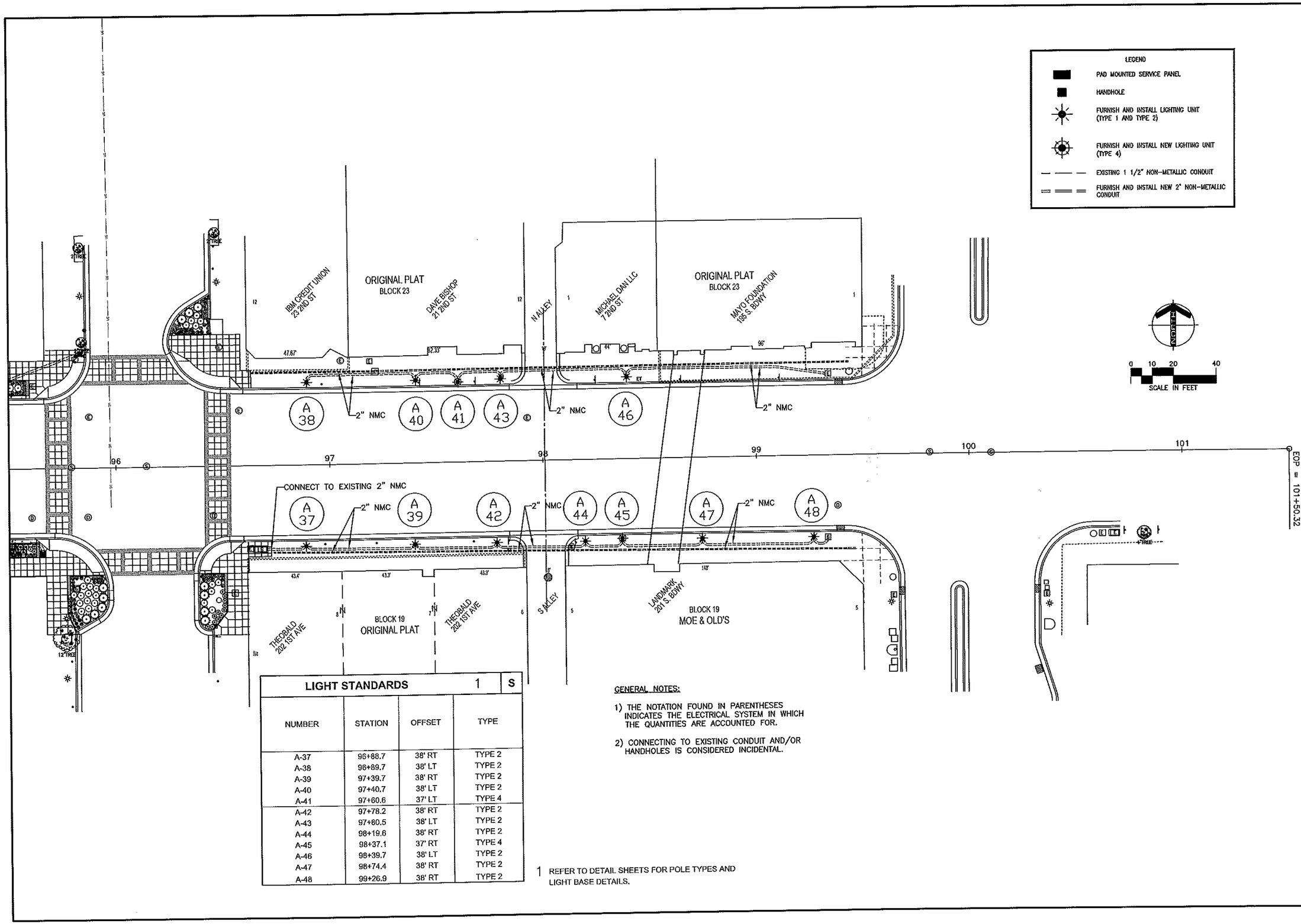
I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Date: 4/23/12 Reg. No. 24667

City of Rochester, Minnesota
Department Of Public Works
201 4th Street S.E.
Rochester, MN 55904
Phone: (507) 328-2401
FAX: (507) 328-2401

Title: REMOVALS ON 2ND STREET S.W. FROM 1ST AVENUE S.W. TO T.H. 63 (SOUTH BROADWAY)

Designer: CWF
Checker: RJK

Project No. M9-12 J4645
Sheet 5 of 9 Sheets



LIGHT STANDARDS	1	S	
NUMBER	STATION	OFFSET	TYPE
A-37	96+88.7	38' RT	TYPE 2
A-38	96+89.7	38' LT	TYPE 2
A-39	97+39.7	38' RT	TYPE 2
A-40	97+40.7	38' LT	TYPE 2
A-41	97+60.6	37' LT	TYPE 4
A-42	97+78.2	38' RT	TYPE 2
A-43	97+80.5	38' LT	TYPE 2
A-44	98+19.6	38' RT	TYPE 2
A-45	98+37.1	37' RT	TYPE 4
A-46	98+39.7	38' LT	TYPE 2
A-47	98+74.4	38' RT	TYPE 2
A-48	99+26.9	38' RT	TYPE 2

GENERAL NOTES:

1) THE NOTATION FOUND IN PARENTHESES INDICATES THE ELECTRICAL SYSTEM IN WHICH THE QUANTITIES ARE ACCOUNTED FOR.

2) CONNECTING TO EXISTING CONDUIT AND/OR HANDHOLES IS CONSIDERED INCIDENTAL.

1 REFER TO DETAIL SHEETS FOR POLE TYPES AND LIGHT BASE DETAILS.

Revision comment: —

Revised: —

Creation Date:

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 laws of the State of Minnesota.

Russell A. Klein Date: 4/25/12 Reg. No. 24657

City of Rochester, Minnesota
Department Of Public Works

201 4th Street S.E.
Rochester, MN 55904
Phone: (507) 328-2450
FAX: (507) 328-2401

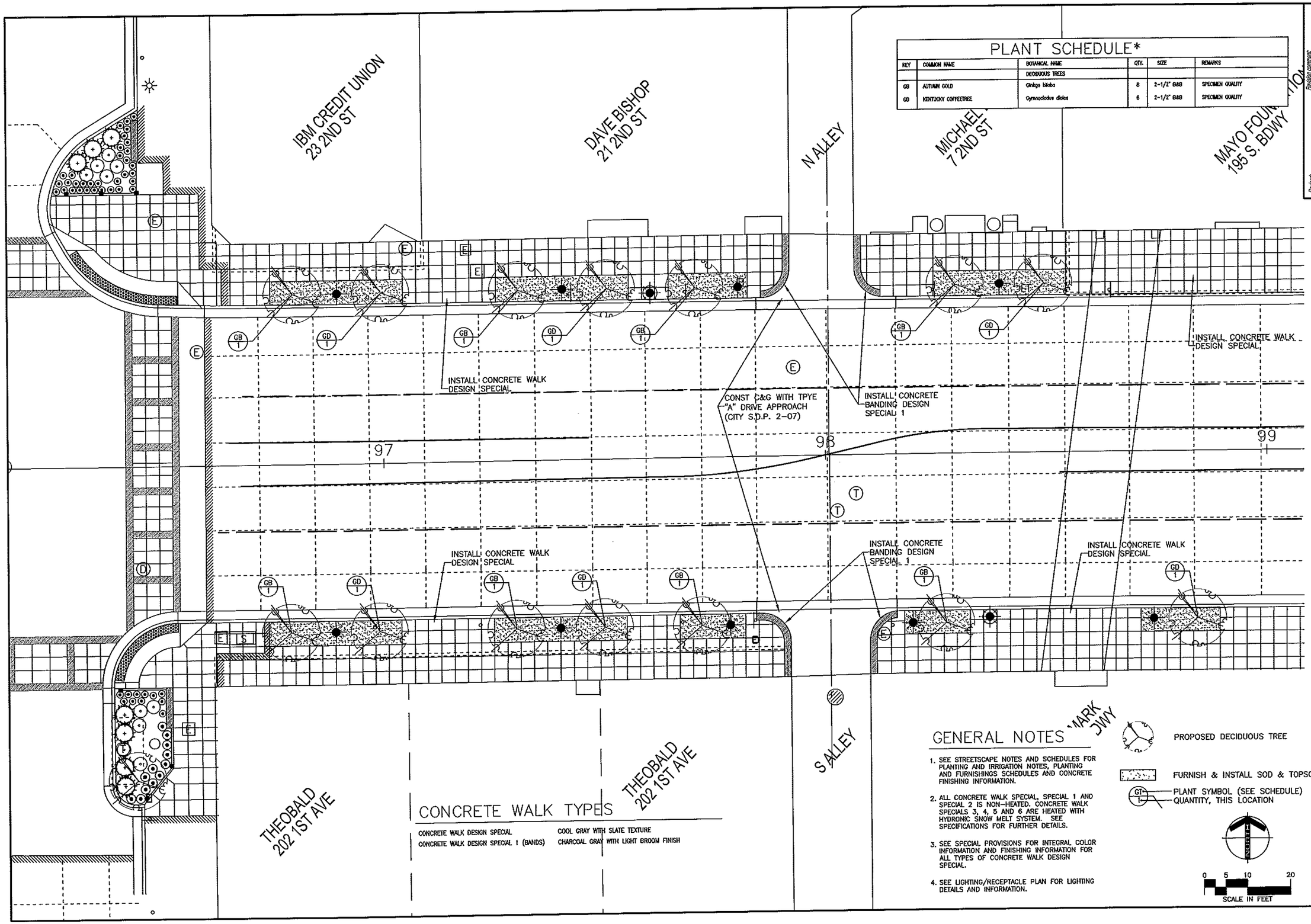
Title: LIGHTING AND ELECTRICAL ON 2ND STREET S.W. FROM 1ST AVENUE S.W. TO T.H. 63 (SOUTH BROADWAY)

Designer: CWF

Checker: RJK

Project No. M9-12 J 4645

Sheet 6 of 9 Sheets



PLANT SCHEDULE*

KEY	COMMON NAME	BOTANICAL NAME	QTY.	SIZE	REMARKS
		DECIDUOUS TREES			
GB	AUTUMN GOLD	Ginkgo biloba	8	2-1/2" B&B	SPECIMEN QUALITY
GD	KENTUCKY COFFEETREE	Gymnocladus dioica	6	2-1/2" B&B	SPECIMEN QUALITY

CONCRETE WALK TYPES

CONCRETE WALK DESIGN SPECIAL	COOL GRAY WITH SLATE TEXTURE
CONCRETE WALK DESIGN SPECIAL 1 (BANDS)	CHARCOAL GRAY WITH LIGHT BROOM FINISH

GENERAL NOTES

1. SEE STREETSCAPE NOTES AND SCHEDULES FOR PLANTING AND IRRIGATION NOTES, PLANTING AND FURNISHINGS SCHEDULES AND CONCRETE FINISHING INFORMATION.
2. ALL CONCRETE WALK SPECIAL, SPECIAL 1 AND SPECIAL 2 IS NON-HEATED. CONCRETE WALK SPECIALS 3, 4, 5 AND 6 ARE HEATED WITH HYDRONIC SNOW MELT SYSTEM. SEE SPECIFICATIONS FOR FURTHER DETAILS.
3. SEE SPECIAL PROVISIONS FOR INTEGRAL COLOR INFORMATION AND FINISHING INFORMATION FOR ALL TYPES OF CONCRETE WALK DESIGN SPECIAL.
4. SEE LIGHTING/RECEPTACLE PLAN FOR LIGHTING DETAILS AND INFORMATION.

PROPOSED DECIDUOUS TREE

FURNISH & INSTALL SOD & TOPSOIL

GT — PLANT SYMBOL (SEE SCHEDULE)
1 — QUANTITY, THIS LOCATION

NORTH

0 5 10 20
SCALE IN FEET

Revision: ---
Revision comment: ---
Creation Date: ---

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 laws of the State of Minnesota.

Date: 4/25/12 Reg. No. 24567

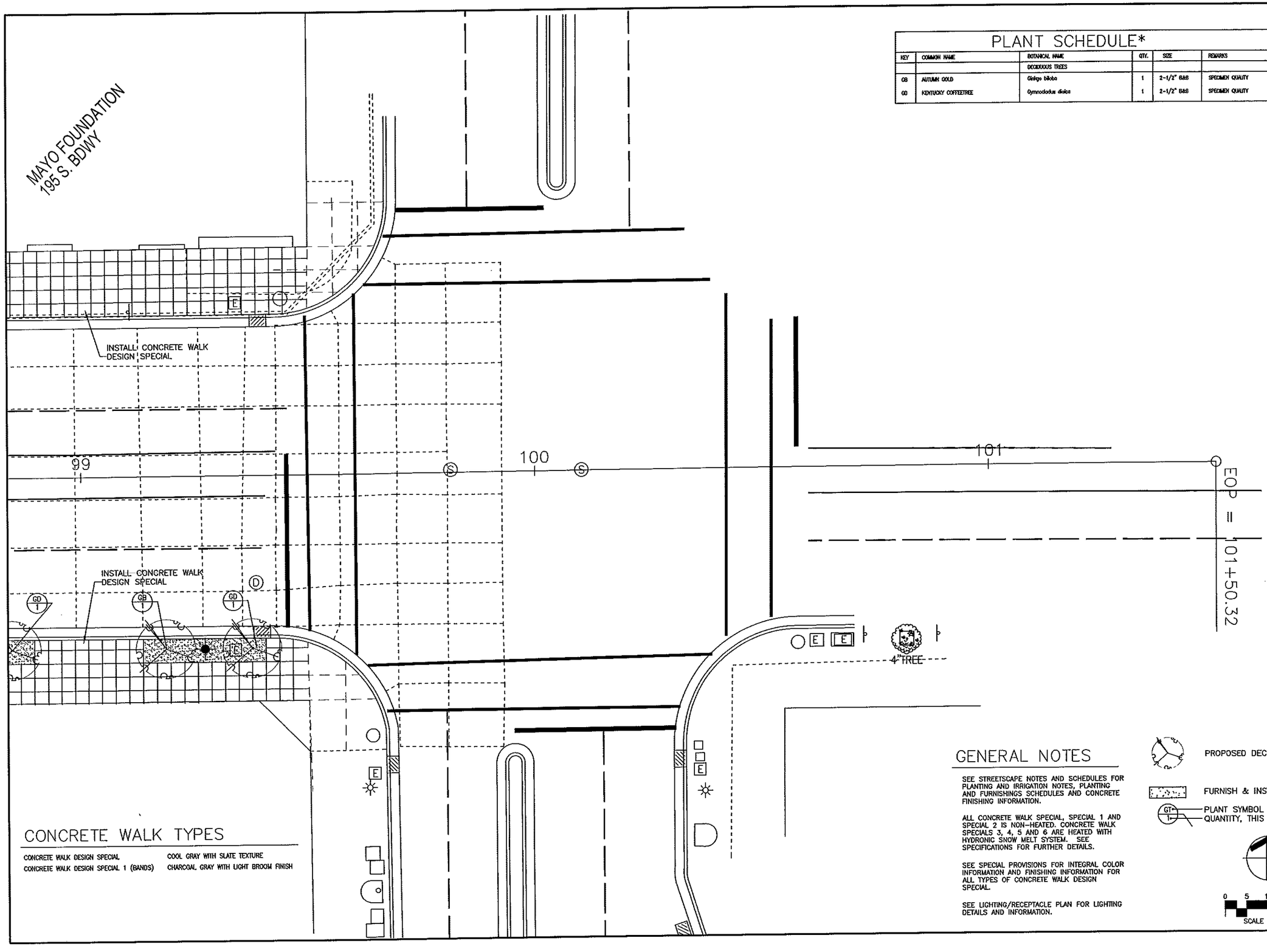
City of Rochester, Minnesota
Department Of Public Works
201 4th Street S.E.
Rochester, MN 55904
Phone: (507) 328-2450
FAX: (507) 328-2401

Title: SIDEWALK AND LANDSCAPING ON 2ND STREET S.W. FROM 1ST AVENUE S.W. TO T.H. 63 (SOUTH BROADWAY)

Designer: CWF
Checker: RJK

J 4645

Project No. M9-12
Sheet 7 of 9 Sheets



PLANT SCHEDULE*

KEY	COMMON NAME	BOTANICAL NAME	QTY.	SIZE	REMARKS
		DECIDUOUS TREES			
GB	AUTUMN GOLD	Ginkgo biloba	1	2-1/2" B&B	SPECIMEN QUALITY
GD	KENTUCKY COFFEETREE	Gymnocladus dioica	1	2-1/2" B&B	SPECIMEN QUALITY

Revision comment: —
Revision#: —
Creation Date:

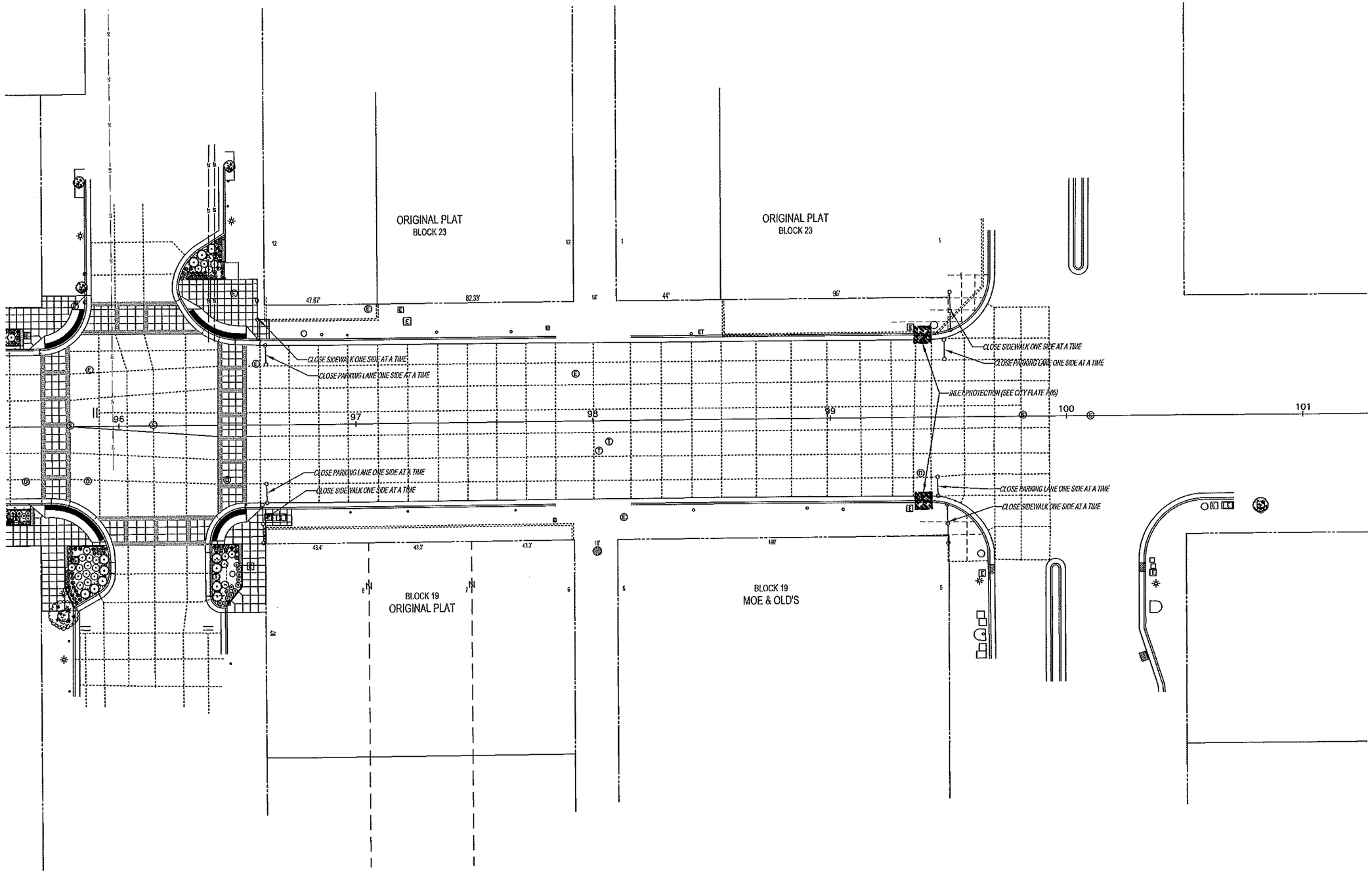
I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Date: 4/25/12 Reg. No. 24567

City of Rochester, Minnesota
Department Of Public Works
201 4th Street S.E.
Rochester, MN 55904
Phone: (507) 328-2450
FAX: (507) 328-2401

Title: SIDEWALK AND LANDSCAPING ON 2ND STREET S.W. FROM 1ST AVENUE S.W. TO T.H. 63 (SOUTH BROADWAY)

Designer: CWP
Checker: RJK

Project No. M9-12 J 4645
Sheet 8 of 9 Sheets



Revision comment: —

Revision#: —

Creation Date:

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 laws of the State of Minnesota.

Date: 4/25/12 Reg. No. 24667

City of Rochester, Minnesota
Department Of Public Works

201 4th Street S.E.
Rochester, MN 55904
Phone: (507) 328-2450
FAX: (507) 328-2401

Title: EROSION CONTROL AND TRAFFIC CONTROL

Designer: CWF

Checker: RJK

Project No. M9-12 J 4645

Sheet 9 of 9 Sheets