

GENERAL SITE IMPROVEMENTS

13TH STREET / CONVENTION CENTER PLAZA PEDESTRIAN SITE IMPROVEMENTS

S.P. 141-080-41

CITY OF MINNEAPOLIS - DEPARTMENT OF PUBLIC WORKS

CONSTRUCTION PLANS FOR GRADING, CONCRETE
PAVEMENT, SITE FURNISHINGS, LANDSCAPING, AND SITE UTILITIES.



PROJECT AREA

FINAL DRAFT PLANS



- PLAN SYMBOLS**
- STATE LINE
 - COUNTY LINE
 - TOWNSHIP OR RANGE LINE
 - SECTION LINE
 - QUARTER LINE
 - SIXTEENTH LINE
 - RIGHT-OF-WAY LINE
 - PRESENT RIGHT-OF-WAY LINE
 - CONTROL OF ACCESS LINE
 - PROPERTY LINE (Except Land Lines)
 - VACATED PLATTED PROPERTY
 - CORPORATE OR CITY LIMITS
 - TRUNK HIGHWAY CENTER LINE
 - CONC. RETAINING WALL
 - RAILROAD
 - RAILROAD RIGHT-OF-WAY LINE
 - RIVER OR CREEK
 - DRY RUN
 - DRAINAGE DITCH
 - DRAIN TILE
 - CULVERT
 - DROP INLET
 - GUARD RAIL
 - BARBED WIRE FENCE
 - WOVEN WIRE FENCE
 - CHAIN LINK FENCE
 - RAILROAD SNOW FENCE
 - STONE WALL OR FENCE
 - HEDGE
 - RAILROAD CROSSING SIGN
 - RAILROAD CROSSING BELL
 - ELECTRIC WARNING SIGN
 - CROSSING GATE
 - MEANDER CORNER
 - MAIL BOX
 - SPRINGS
 - MARSH
 - TIMBER ORCHARD
 - BIRUSH NURSERY
 - CATCH BASIN
 - FIRE HYDRANT
 - CATTLE GUARD
 - OVERPASS (Highway Over)
 - UNDERPASS (Highway Under)
 - BRIDGE
 - BUILDING (One Story Frame)
 - F-FRAME C-CONCRETE
 - S-STONE T-TILE
 - B-BRICK ST-STUCCO
 - IRON PIPE OR ROD
 - MONUMENT (STONE, CONCRETE, OR METAL)
 - WOODEN HUB
 - GRAVEL PIT
 - SAND PIT
 - BORROW PIT
 - ROCK QUARRY
- UTILITY SYMBOLS**
- POWER POLE LINE
 - TELEPHONE OR TELEGRAPH POLE LINE
 - JOINT TELEPHONE AND POWER ON POWER POLES ON TELEPHONE POLES
 - ANCHOR
 - STEEL TOWER
 - STREET LIGHT
 - PEDESTAL (TELEPHONE CABLE TERMINAL)
 - GAS MAIN
 - WATER MAIN
 - CONDUIT
 - TELEPHONE CABLE IN CONDUIT
 - ELECTRIC CABLE IN CONDUIT
 - TELEPHONE MANHOLE
 - ELECTRIC MANHOLE
 - BURIED TELEPHONE CABLE
 - BURIED ELECTRIC CABLE
 - AERIAL TELEPHONE CABLE
 - SEWER, (SANITARY)
 - SEWER, (STORM)
 - SEWER MANHOLE
 - HANDHOLE

GOVERNING SPECIFICATIONS:
THE 2005 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
PRINT NAME TIMOTHY B. WOLD
SIGNATURE _____
Reg. No. 42164 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.
PRINT NAME MICHAEL C. AARON
SIGNATURE _____
Reg. No. 25721 Date _____

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ELECTRICAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
PRINT NAME BRIAN HOLT
SIGNATURE _____
Reg. No. 21428 Date _____

SHEET INDEX

- 1 COVER SHEET
- 2 STATEMENT OF ESTIMATED QUANTITIES
- 3 - 4 REMOVALS/EXISTING CONDITIONS
- 5 TRAFFIC CONTROL / GENERAL NOTES
- 6 - 7 TRAFFIC CONTROL PLANS
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- 14 IRRIGATION PLAN
- 12 - 13 PLANTING PLANS
- 15 - 16 LIGHTING PLANS
- 17 - 20 MISCELLANEOUS DETAILS

APPROVED: _____ DATE _____
CITY OF MINNEAPOLIS CITY ENGINEER OR DEPUTY CITY ENGINEER

APPROVED: _____ DATE _____
DIRECTOR, WATER TREATMENT AND DISTRIBUTION SERVICES

APPROVED: _____ DATE _____
DIRECTOR, TRAFFIC AND PARKING SERVICES

APPROVED: _____ DATE _____
DIRECTOR, FIELD SERVICES

APPROVED: _____ DATE _____
DIRECTOR, ENGINEERING SERVICES

SRF
CONSULTING GROUP, INC
ONE CARLSON PARKWAY N
SUITE 150
MINNEAPOLIS, MN 55447
PHONE: 763-475-0010
FAX: 763-475-2429

DRAWN BY
T. WOLD
DESIGNED BY
T. WOLD
CHECKED BY
K. GRIESHABER
COMM. NO.
0160-6328

REVISIONS

NO.	DATE	BY	CHKD	APPR

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.
Print Name: _____

Date: 5/7/09
License #: _____

13TH STREET PEDESTRIAN SITE IMPROVEMENTS
S.P. 141-080-41
City of Minneapolis - Department of Public Works
COVER SHEET

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\$SCALE\$
5/7/2009

STATEMENT OF ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION	Unit	ESTIMATED QUANTITIES
2021.501	MOBILIZATION	LUMP SUM	1
2101.502	CLEARING	TREE	30
2101.507	GRUBBING	TREE	30
2104.501	REMOVE CONCRETE PLANTER CURB	LIN FT	173
2104.503	REMOVE CONCRETE WALK	SQ FT	19,336
2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	30
2104.509	REMOVE SHRUB	EACH	15
2104.509	REMOVE BOLLARD	EACH	20
2104.509	REMOVE BIKE RACK	EACH	10
2104.509	REMOVE CATCH BASIN	EACH	2
2104.509	REMOVE TREE GRATE AND FRAME	EACH	15
2104.523	SALVAGE BENCH	EACH	10
2104.523	SALVAGE TRASH RECEPTACLE	EACH	6
2105.501	COMMON EXCAVATION (EV)	CU YD	1,000
2105.526	SELECT TOPSOIL BORROW (CV)	CU YD	85
2411.602	CONCRETE PLANTER WALL WITH CAP	LIN FT	87
2503.541	12" RC PIPE	LIN FT	187
2506.501	CONSTRUCT DRAINAGE STRUCTURE	EACH	2
2521.501	4" CONCRETE WALK TYPE A SPECIAL	SQ FT	21,563
2521.501	4" CONCRETE WALK TYPE B SPECIAL	SQ FT	11,891
2531.501	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	50
2531.603	6" CONCRETE PLANTER CURB	LIN FT	1,449
2540.602	INSTALL BENCH	EACH	10
2540.602	INSTALL TRASH RECEPTACLE	EACH	6
2540.602	MONUMENT TYPE A SPECIAL	EACH	2
2540.602	MONUMENT TYPE B SPECIAL	EACH	1
2545.602	FURNISH AND INSTALL LIGHTING UNIT TYPE SPECIAL 1	EACH	9
2545.602	FURNISH AND INSTALL LIGHTING UNIT TYPE SPECIAL 2	EACH	8
2557.603	ORNAMENTAL FENCE DESIGN SPECIAL	LIN FT	1449
2563.601	TRAFFIC CONTROL	LUMP SUM	1
2571.502	DECIDUOUS TREE 3" CAL B&B	TREE	27
2571.504	CONIFEROUS SHRUB NO 5 CONT	SHRUB	10
2571.505	DECIDUOUS SHRUB NO 5 CONT	SHRUB	169
2571.507	PERENNIALS AND ORNAMENTAL GRASSES	PLANT	819
2573.502	SILT FENCE TYPE HEAVY DUTY	LN FT	290
2573.530	STORM DRAIN INLET PROTECTION	EACH	9



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REVISIONS				
NO.	DATE	BY	CHKD	APPR

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.
Print Name: TIMOTHY WOLD

Date: 5/7/09
License #: 42164

**13TH STREET PEDESTRIAN
SITE IMPROVEMENTS**
 S.P. 141-080-41
 City of Minneapolis - Department of Public Works
**STATEMENT OF ESTIMATED
QUANTITIES**



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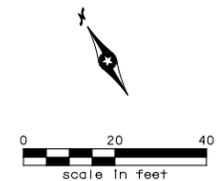
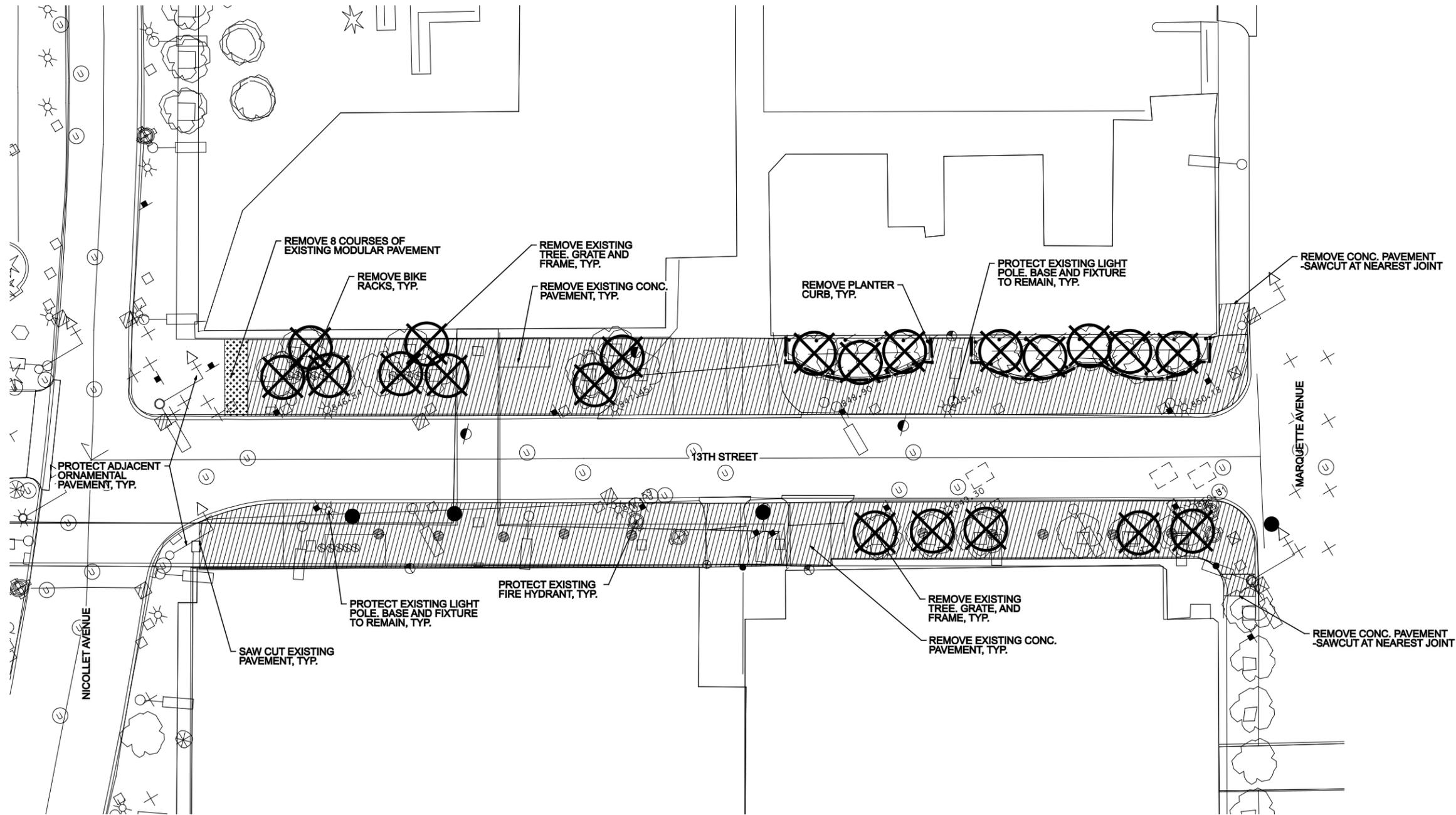
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**13TH STREET PEDESTRIAN
SITE IMPROVEMENTS**
S.P. 141-080-41
City of Minneapolis - Department of Public Works
**REMOVALS/EXISTING
CONDITIONS (13TH STREET)**



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5/7/2009

GENERAL TRAFFIC CONTROL NOTES

- 1 ALL TRAFFIC CONTROL DEVICES, TEMPORARY LANE CLOSURE ARRANGEMENTS AND PROCEDURES, ETC. SHALL CONFORM WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.
- 2 TEMPORARY PAVEMENT MARKINGS SHALL BE PAINT WHEN PLACED ON EXISTING OR TEMPORARY PAVEMENT AND REMOVABLE POLYMER PREFORMED WHEN PLACED ON PERMANENT PAVEMENT AND SHALL BE SUPPLEMENTED WITH ONE-WAY TEMPORARY RAISED PAVEMENT MARKERS (TRPM'S), AS APPROPRIATE, ON 10 FOOT CENTERS WHERE IDENTIFIED ON THE PLANS. THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE ALL TRPM'S AND PAVEMENT MARKINGS TO THE SATISFACTION OF THE ENGINEER. TRPM COLORS SHALL CONFORM TO THE REQUIREMENTS OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MN MUTCD) AND SHALL BE PLACED AS DETAILED IN FIGURE 8.7 OF THE MN/DOT TRAFFIC MANUAL. REMOVABLE PREFORMED PAVEMENT MARKINGS AND TRPM'S SHALL BE PAID FOR SEPARATELY FROM THE LUMP SUM FOR TRAFFIC CONTROL UNDER THE APPROPRIATE CONTRACT ITEMS INDICATED ON THE PROPOSAL. BROKEN LINES SHALL CONSIST OF 10 FOOT LINE FOLLOWED BY 30 FOOT GAP.
- 3 ALL TEMPORARY TRAFFIC THRU LANES SHALL BE A MINIMUM OF 11 FEET IN WIDTH UNLESS NOTED OTHERWISE.
- 4 REFLECTORIZED DRUMS USED FOR CHANNELIZATION SHALL HAVE SPACING AS NOTED IN THE PLANS. DRUM LOCATIONS AND SPACINGS SHOWN ON THIS PLAN ARE APPROXIMATE AND ARE SUBJECT TO REVISION BY THE ENGINEER.
- 5 THE LOCATIONS AND QUANTITIES OF TRAFFIC CONTROL DEVICES SHOWN ON THESE PLANS ARE APPROXIMATE AND ARE SUBJECT TO REVISION BY THE ENGINEER.
- 6 ANY TEMPORARY PORTABLE TRAFFIC BARRIER USED ON THIS PROJECT SHALL BE PLACED AS DETAILED IN THE MN MUTCD MANUAL FIGURE VI-12a AND FIGURE VI-12b. TRAFFIC BARRIER SHALL HAVE BARRIER DELINEATORS SPACED AT 50 FEET WITH A MINIMUM AREA OF 24 SQ. IN. ALL BARRIER DELINEATORS WILL BE CONSIDERED INCIDENTAL TO TRAFFIC CONTROL. WHEN TRAFFIC BARRIER IS RELOCATED THE RELOCATION OF DELINEATORS WILL BE CONSIDERED INCIDENTAL TO TRAFFIC BARRIER RELOCATION.
- 7 THE CONTRACTOR SHALL MAINTAIN A 1 FOOT MINIMUM CLEAR DISTANCE BETWEEN THE EDGE OF THE TRAVEL LANE AND THE NEAREST EDGE OF ANY ADJACENT TRAFFIC CONTROL DEVICES (DRUMS, BARRICADES, BARRIERS, ETC.) UNLESS OTHERWISE NOTED.
- 8 CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS THAT ARE TO REMAIN OPEN AT ALL TIMES TO THE SATISFACTION OF THE ENGINEER.
- 9 THE CONTRACTOR SHALL PROVIDE CHANNELIZING DEVICES (AND SIGNING IF NECESSARY) AT ALL PRIVATE ENTRANCE LOCATIONS WHERE NEEDED TO SAFELY GUIDE TRAFFIC TO AND FROM THE TRAVEL CORRIDOR TO THE SATISFACTION OF THE ENGINEER.
- 10 THE CONTRACTOR SHALL COORDINATE WITH THE CITY THE REMOVAL OF ALL EXISTING SIGNING THAT ARE TO BE REPLACED. SIGNING THAT CONFLICTS WITH THIS TRAFFIC CONTROL PLAN SHALL BE COVERED TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL RESTORE ALL APPROPRIATE ORIGINAL SIGNING AFTER APPROVAL TO DO SO BY THE ENGINEER. COVERING AND UNCOVERING OF SIGNS SHALL BE INCIDENTAL TO TRAFFIC CONTROL.
- 11 THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THESE TRAFFIC CONTROL PLANS TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL RESTORE ALL APPROPRIATE ORIGINAL PAVEMENT MARKINGS AFTER APPROVAL TO DO SO BY THE ENGINEER.
- 12 THESE TRAFFIC CONTROL LAYOUTS DO NOT SHOW ALL EXISTING SIGNING. CONTRACTOR SHALL RELOCATE ALL APPROPRIATE EXISTING SIGNING TO MAINTAIN PROPER SIGN VISIBILITY DURING CONSTRUCTION AS DEEMED NECESSARY BY THE ENGINEER.
- 13 THE CONTRACTOR SHALL NOT PLACE PAINTED TEMPORARY PAVEMENT MARKINGS ON PERMANENT FINAL SURFACING (OR ON OTHER SURFACING WHICH WILL NOT ULTIMATELY BE REPLACED OR COVERED BY PLANNED CONSTRUCTION) UNLESS THE TEMPORARY MARKINGS ARE IN THE SAME LOCATION AS THE PERMANENT MARKINGS.
- 14 THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE, AS APPROPRIATE, ALL SIGNS, PAVEMENT MARKINGS, AND DEVICES SHOWN ON THESE PLANS TO THE SATISFACTION OF THE ENGINEER.

- 15 IN ALL WORK AREAS NOTED "CONSTRUCTION UNDER TRAFFIC" THE CONTRACTOR SHALL PROTECT THESE AREAS AT ALL TIMES TO PROVIDE FOR SAFE TRAFFIC MOVEMENT TO THE SATISFACTION OF THE ENGINEER.
- 16 FIELD CONDITIONS MAY REQUIRE MODIFICATION OF THE TRAFFIC CONTROL PLAN. ANY MODIFICATION SHALL BE APPROVED BY THE ENGINEER IN THE FIELD.
- 17 ADVANCE WARNING SIGNS SHALL BE MOUNTED ON STANDARD TYPE III BARRICADES OR POST MOUNTED OR AS APPROVED BY THE ENGINEER.
- 18 POSTS SHALL BE PLUMB, WITH SIGNS INSTALLED LEVEL AND AT PROPER MOUNTING HEIGHT IN ACCORDANCE WITH MN MUTCD.
- 19 ALL SIGNS AND TRAFFIC CONTROL ITEMS SHALL BE LIKE NEW AND REFLECT UNIFORMLY AT NIGHT.
- 20 SPACING OF SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED AS APPROVED BY THE ENGINEER.
- 21 SIDEWALK CONSTRUCTION SHALL BE CAREFULLY COORDINATED TO PROVIDE HARD SURFACE / TRAVERSABLE WALK AREA FOR PEDESTRIANS (4' WIDE MIN.) AT ALL TIMES.
- 22 TEMPORARY TRAFFIC CONTROL SIGNALS SHALL BE INSTALLED AND MAINTAINED BY THE CITY OF MINNEAPOLIS.
- 23 WORK ZONE SPEED LIMIT SHALL BE POSTED WHEN ROADWAY TRAFFIC IS LIMITED TO TWO-WAY TWO-LANE TRAFFIC. WORK ZONE SPEED LIMIT SHALL BE REMOVED AS LANES ARE REOPENED
- 24 THE CONTRACTOR SHALL MAKE EVERY EFFORT TO OPEN SIDE STREETS AND OTHER PORTIONS OF THE ROADWAY EARLY, AS CONSTRUCTION ALLOWS.

CONTRACTOR STAGING AREA

CONSTRUCTION MATERIALS SHALL NOT BE STORED ON ANY SIDE STREET. CONSTRUCTION VEHICLES/ EQUIPMENT SHALL NOT BE PARKED ON ANY SIDE STREET FOR MORE THAN 24 HOURS.

THE WASHING OUT OF CONCRETE TRUCKS IS NOT ALLOWED ON ANY CITY STREET OR BOULEVARD.



**CONSULTING
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T. WOLD
DESIGNED BY
T. WOLD
CHECKED BY
K. GRIESHABER
COMM. NO.
0160-6328

REVISIONS				
NO.	DATE	BY	CHKD	APPR

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.
Print Name: TIMOTHY WOLD

Date: 5/7/09
License #: 42164

**13TH STREET PEDESTRIAN
SITE IMPROVEMENTS**
 S.P. 141-080-41
 City of Minneapolis - Department of Public Works
**TRAFFIC CONTROL
AND GENERAL NOTES**



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J. WOLDHOUSE

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COMM. NO.

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I hereby certify that this plan, specification, or report 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.
Print Name: **MICHAEL C. AARON**

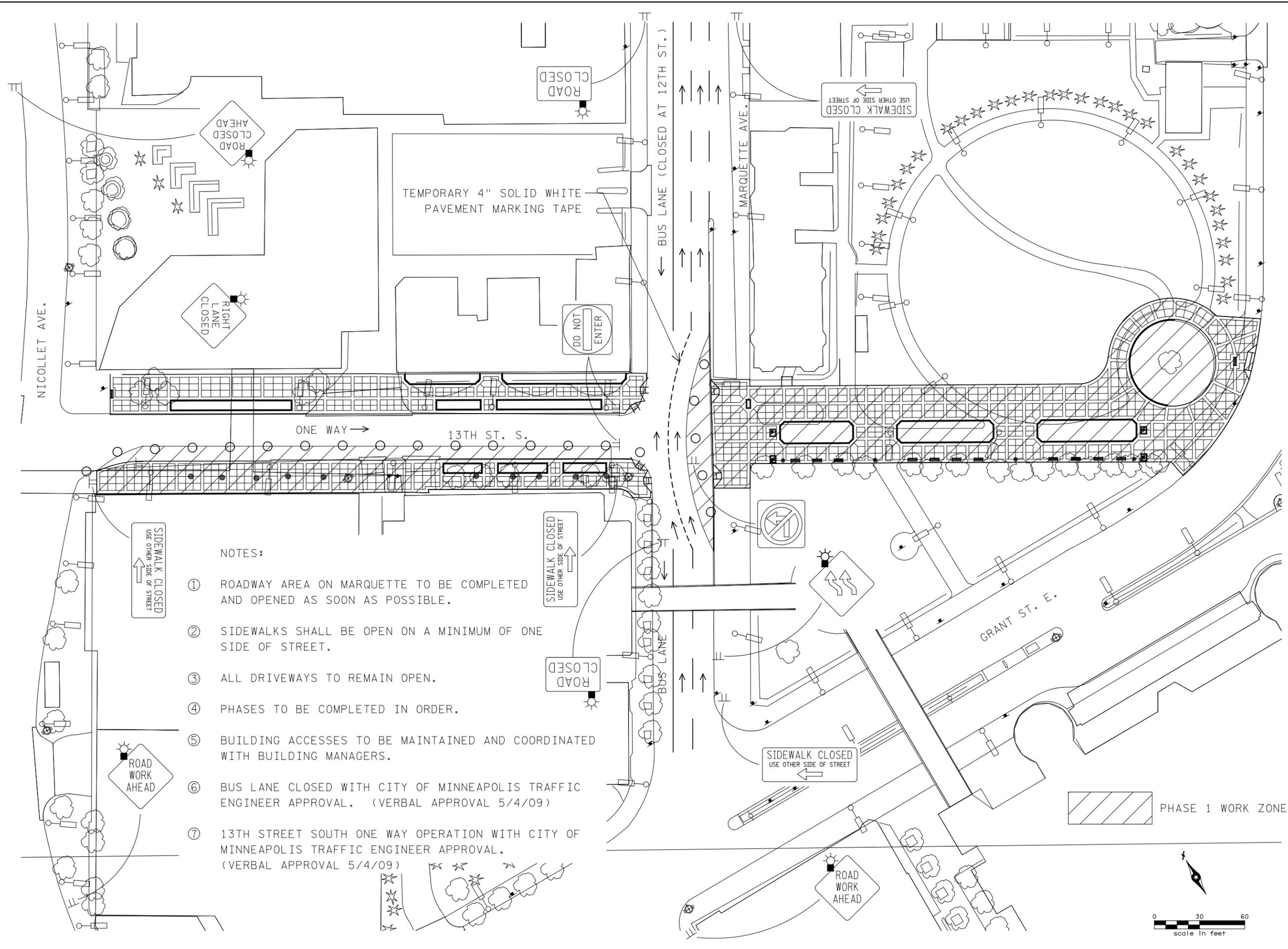
Date: 5/7/09

License #: 25721

**13TH STREET PEDESTRIAN
SITE IMPROVEMENTS**
S.P. 141-080-41
City of Minneapolis - Department of Public Works
TRAFFIC CONTROL PLAN

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OF 20



NOTES:

- ① ROADWAY AREA ON MARQUETTE TO BE COMPLETED AND OPENED AS SOON AS POSSIBLE.
- ② SIDEWALKS SHALL BE OPEN ON A MINIMUM OF ONE SIDE OF STREET.
- ③ ALL DRIVEWAYS TO REMAIN OPEN.
- ④ PHASES TO BE COMPLETED IN ORDER.
- ⑤ BUILDING ACCESSES TO BE MAINTAINED AND COORDINATED WITH BUILDING MANAGERS.
- ⑥ BUS LANE CLOSED WITH CITY OF MINNEAPOLIS TRAFFIC ENGINEER APPROVAL. (VERBAL APPROVAL 5/4/09)
- ⑦ 13TH STREET SOUTH ONE WAY OPERATION WITH CITY OF MINNEAPOLIS TRAFFIC ENGINEER APPROVAL. (VERBAL APPROVAL 5/4/09)

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5/7/2009



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MINNEAPOLIS, MN 55447

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J. WOLDOUSE

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COMM. NO.

0160-6328

REVISIONS

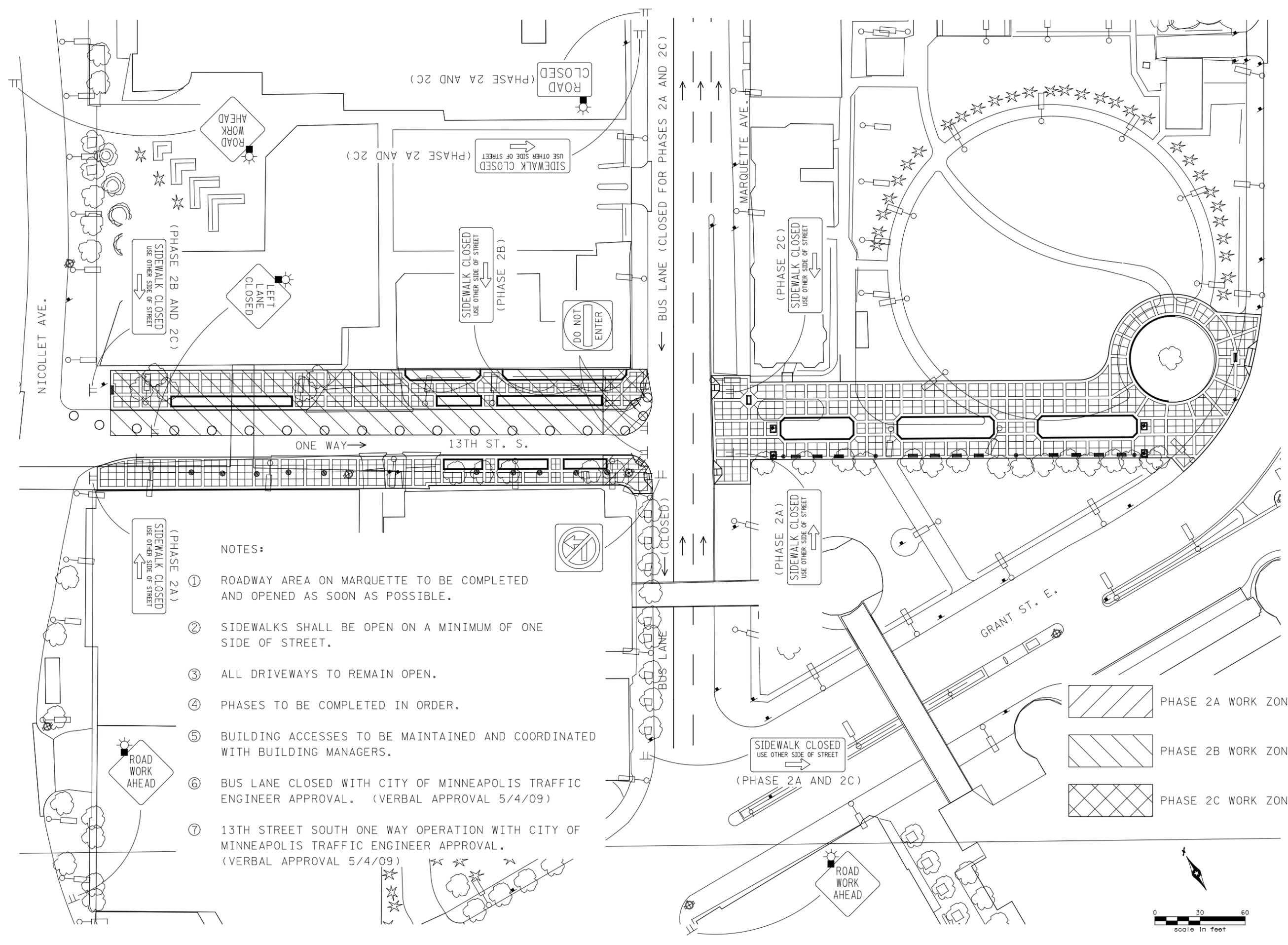
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Print Name: **MICHAEL C. AARON**

Date: 5/7/09

License #: 25721

**13TH STREET PEDESTRIAN
SITE IMPROVEMENTS**
S.P. 141-080-41
City of Minneapolis - Department of Public Works
TRAFFIC CONTROL PLAN



NOTES:

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5/7/2009



**CONSULTING
GROUP, INC**

ONE CARLSON PARKWAY N
SUITE 150
MINNEAPOLIS, MN 55447

PHONE: 763-475-0010
FAX: 763-475-2429

GENERAL NOTES

1. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO VERIFY EXISTING CONDITIONS. UTILITY LOCATIONS SHOWN ARE APPROXIMATE. ALL UTILITIES MAY NOT BE SHOWN.
2. THE CONTRACTOR SHALL PROMPTLY NOTIFY LANDSCAPE ARCHITECT OF ANY DRAWING DISCREPANCIES.
3. THE CONTRACTOR SHALL VERIFY THE EXISTANCE AND LOCATION OF EXISTING AND PROPOSED UTILITIES PRIOR TO COMMENCING WORK. STATE LAW REQUIRES THAT THE CONTRACTOR CALL GOPHER STATE ONE-CALL TO LOCATE PUBLIC UTILITIES PRIOR TO COMMENCING WORK.
4. ANY OBJECTS OR AREAS THAT ARE DAMAGED DIRECTLY OR INDIRECTLY BY THE CONTRACTOR OR HIS-HER WORK SHALL BE REPAIRED/RESTORED TO THEIR PRE-DAMAGED CONDITION OR BETTER AT NO EXPENSE TO THE OWNER.
5. THE CONTRACTOR SHALL ASSURE COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK OR MATERIALS SUPPLIED.
6. PROJECT SITE SHALL BE KEPT CLEAN AND AS HAZARD FREE AS POSSIBLE. REMOVE DEBRIS FROM SITE ON A DAILY BASIS.
7. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR CONSTRUCTION.
9. THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-2, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."
10. THESE NOTES APPLY TO ALL WORK COVERED IN THE PROJECT PLANS.

DRAWN BY

T. WOLD

DESIGNED BY

T. WOLD

CHECKED BY

K. GRIESHABER

COMM. NO.

0160-6328

REVISIONS

NO.	DATE	BY	CHKD	APPR

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Print Name: TIMOTHY WOLD

Date: 5/7/09

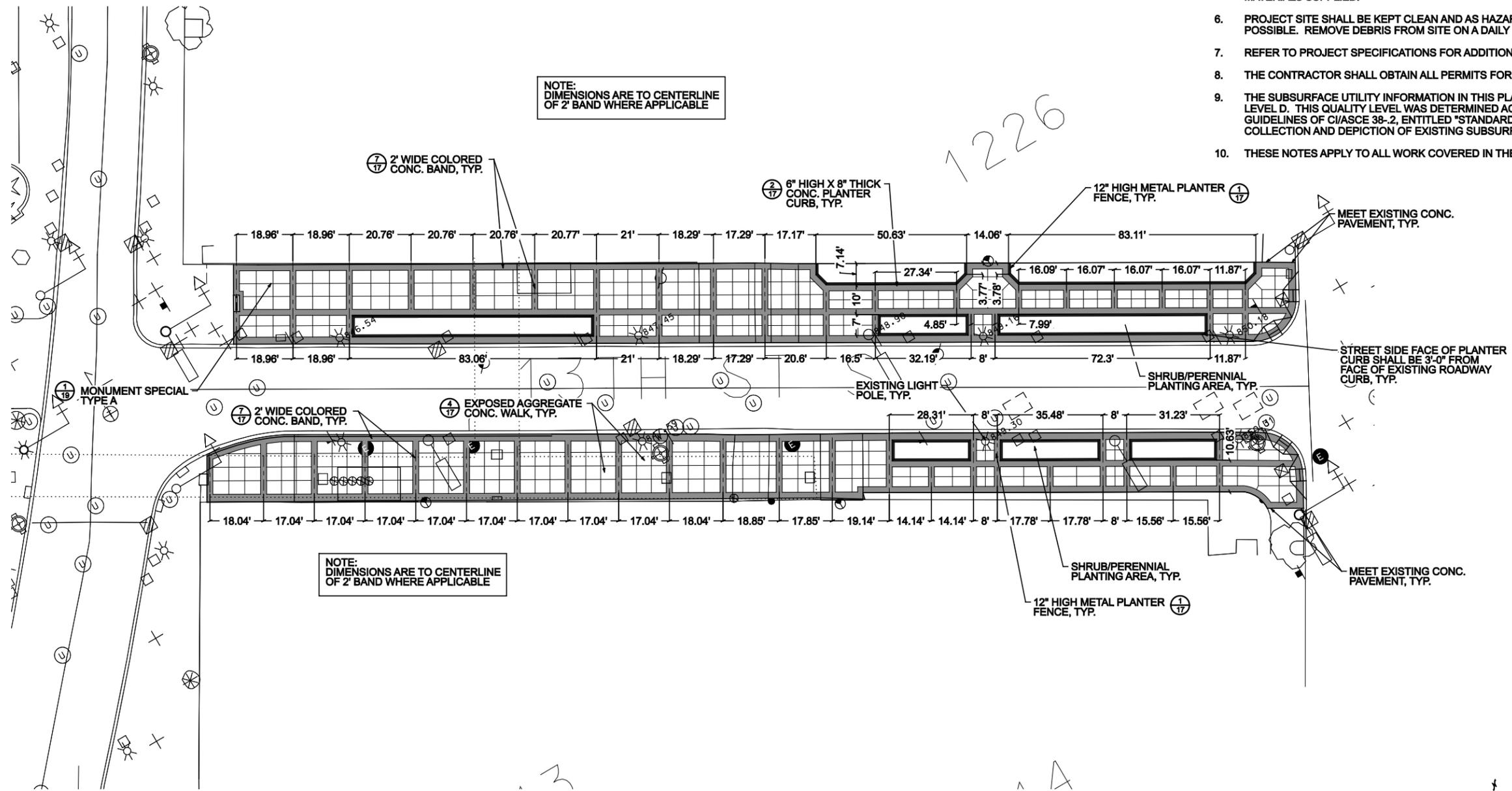
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**13TH STREET PEDESTRIAN
SITE IMPROVEMENTS
LAYOUT PLAN
(13TH STREET)**

S.P. 141-080-41
City of Minneapolis - Department of Public Works

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OF 20



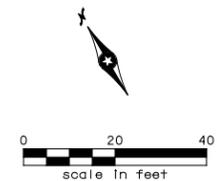
NOTE:
DIMENSIONS ARE TO CENTERLINE
OF 2' BAND WHERE APPLICABLE

NOTE:
DIMENSIONS ARE TO CENTERLINE
OF 2' BAND WHERE APPLICABLE

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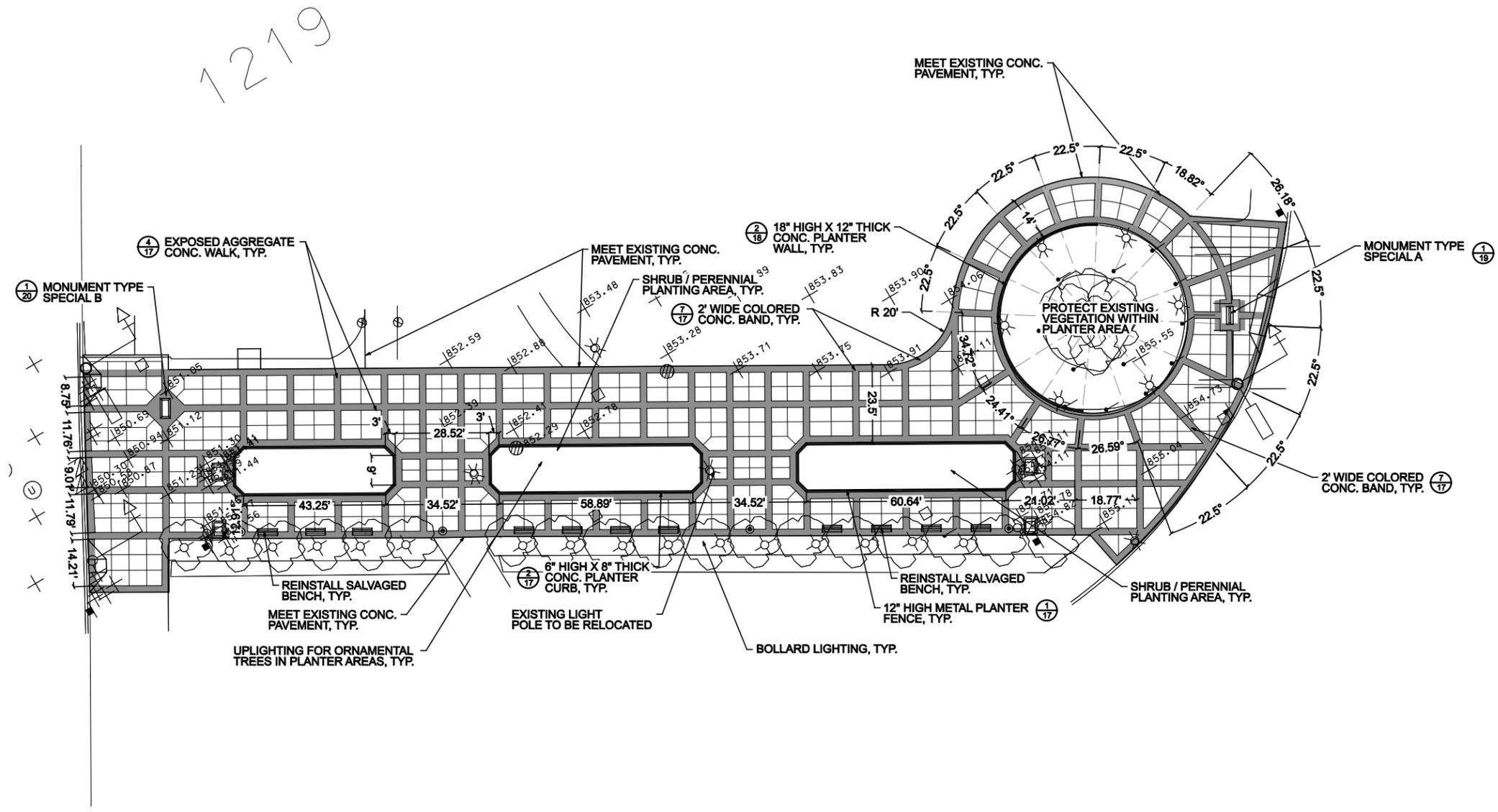
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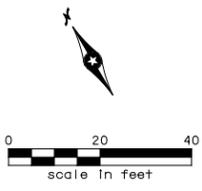
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**13TH STREET PEDESTRIAN
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LAYOUT PLAN
(CONVENTION CENTRAL PLAZA)**
City of Minneapolis - Department of Public Works
S.P. 141-080-41



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COMM. NO.
0160-6328

REVISIONS				
NO.	DATE	BY	CHKD	APPR

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the state of Minnesota.
Print Name: TIMOTHY WOLD

Date: 5/7/09
License #: 42164

**13TH STREET PEDESTRIAN
SITE IMPROVEMENTS**
S.P. 141-080-41
City of Minneapolis - Department of Public Works
UTILITY PLAN

10

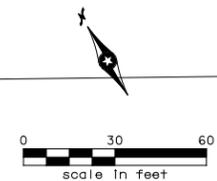
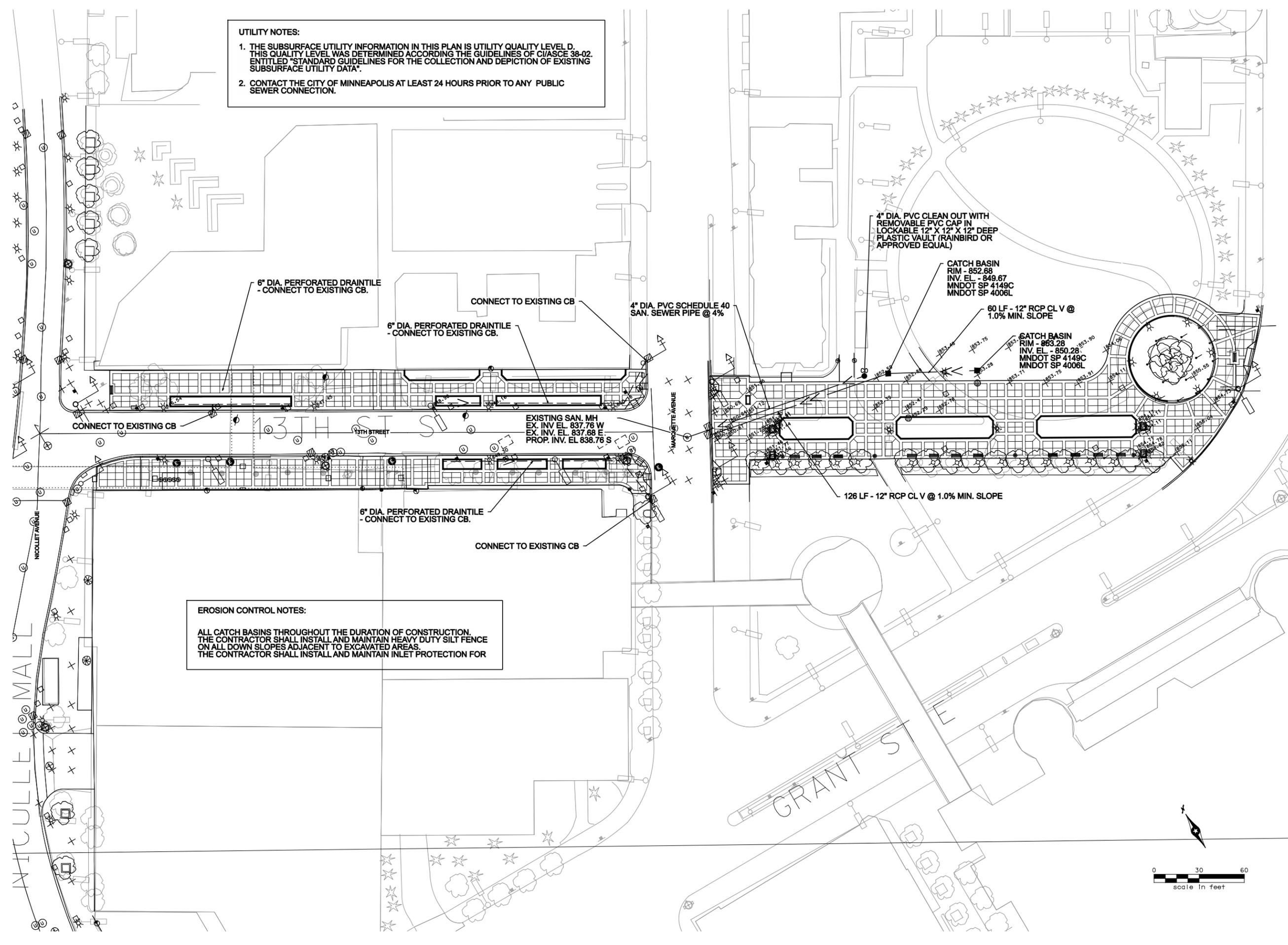
OF 20

UTILITY NOTES:

1. THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-02 ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".
2. CONTACT THE CITY OF MINNEAPOLIS AT LEAST 24 HOURS PRIOR TO ANY PUBLIC SEWER CONNECTION.

EROSION CONTROL NOTES:

ALL CATCH BASINS THROUGHOUT THE DURATION OF CONSTRUCTION, THE CONTRACTOR SHALL INSTALL AND MAINTAIN HEAVY DUTY SILT FENCE ON ALL DOWN SLOPES ADJACENT TO EXCAVATED AREAS. THE CONTRACTOR SHALL INSTALL AND MAINTAIN INLET PROTECTION FOR



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PLOTTER#
SCALE#
5/7/2009



**CONSULTING
GROUP, INC**

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SUITE 150
MINNEAPOLIS, MN 55447

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FAX: 763-475-2429

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T. WOLD

DESIGNED BY

T. WOLD

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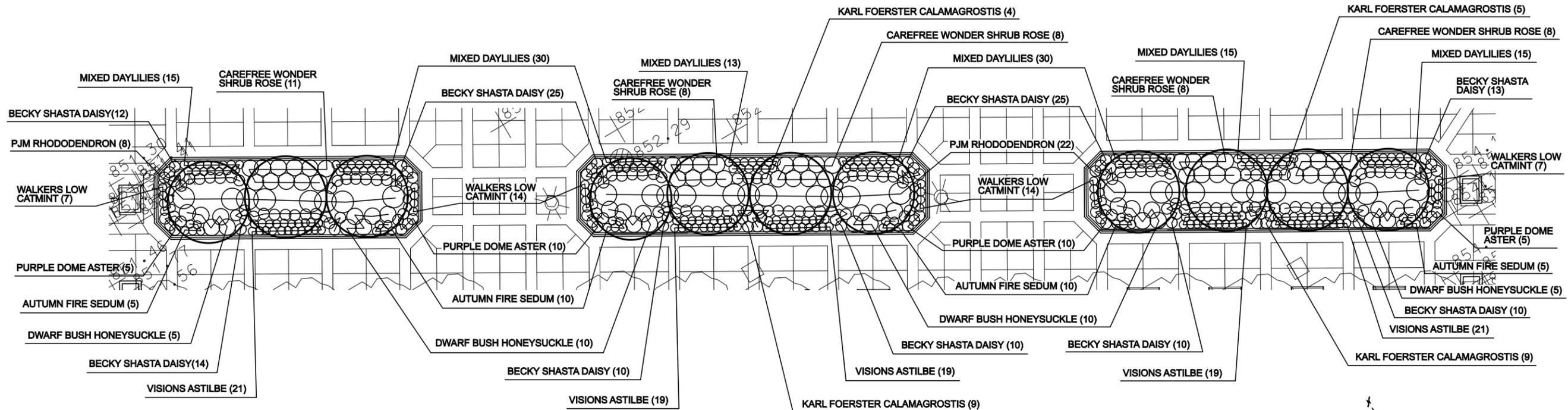
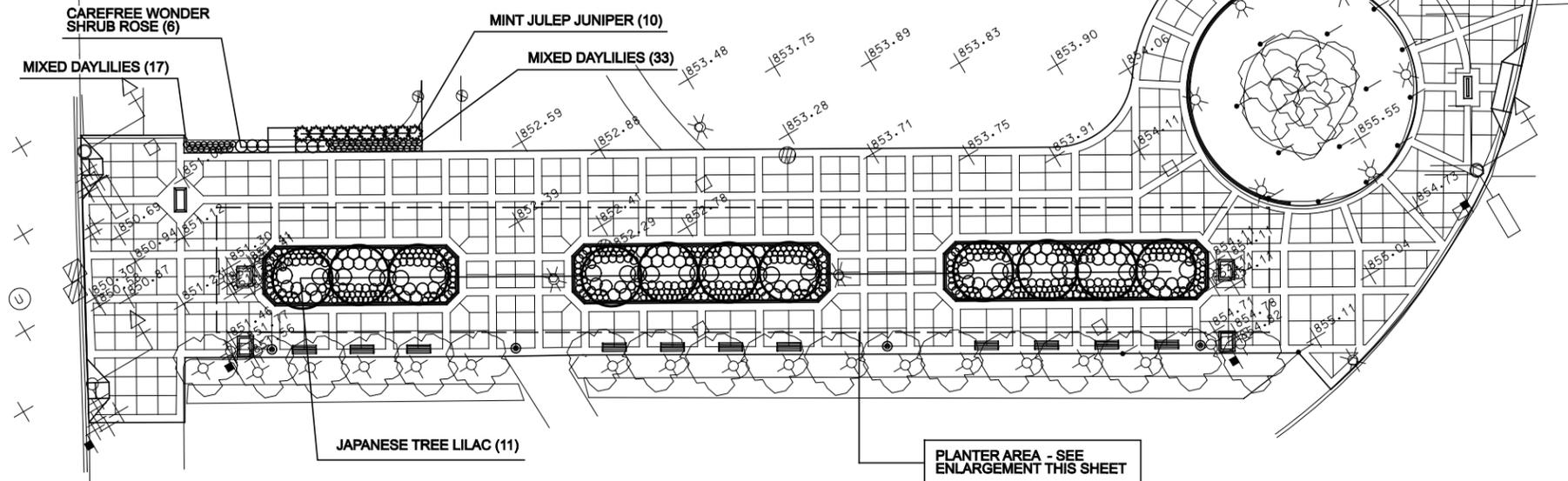
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**13TH STREET PEDESTRIAN
SITE IMPROVEMENTS**
S.P. 141-080-41
City of Minneapolis - Department of Public Works
**LANDSCAPE PLAN
(CONVENTION CENTRAL PLAZA)**

13

OF 20



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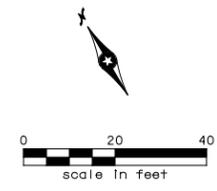
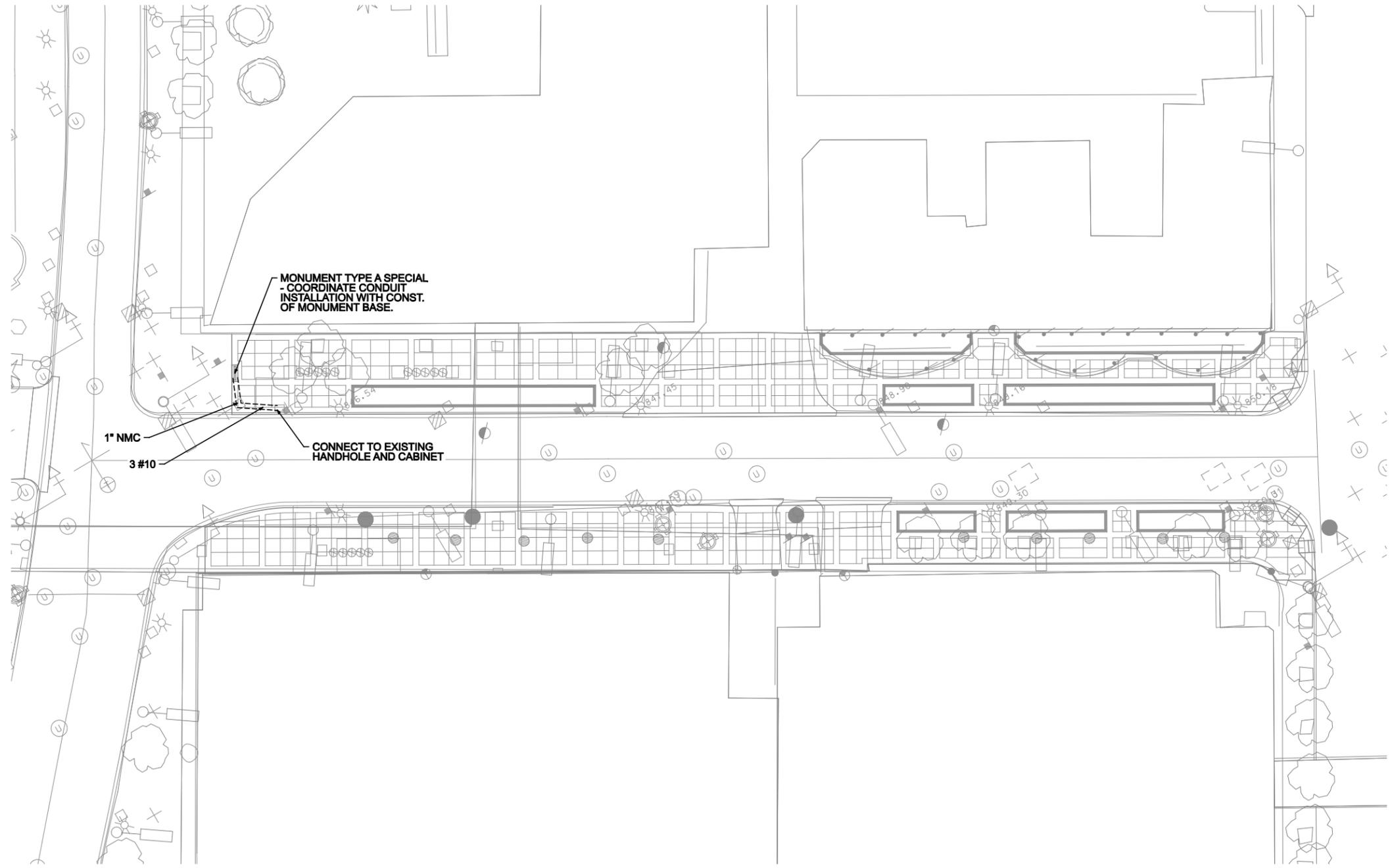
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**13TH STREET PEDESTRIAN
SITE IMPROVEMENTS**
S.P. 141-080-41
City of Minneapolis - Department of Public Works
**LIGHTING PLAN
(13TH STREET)**



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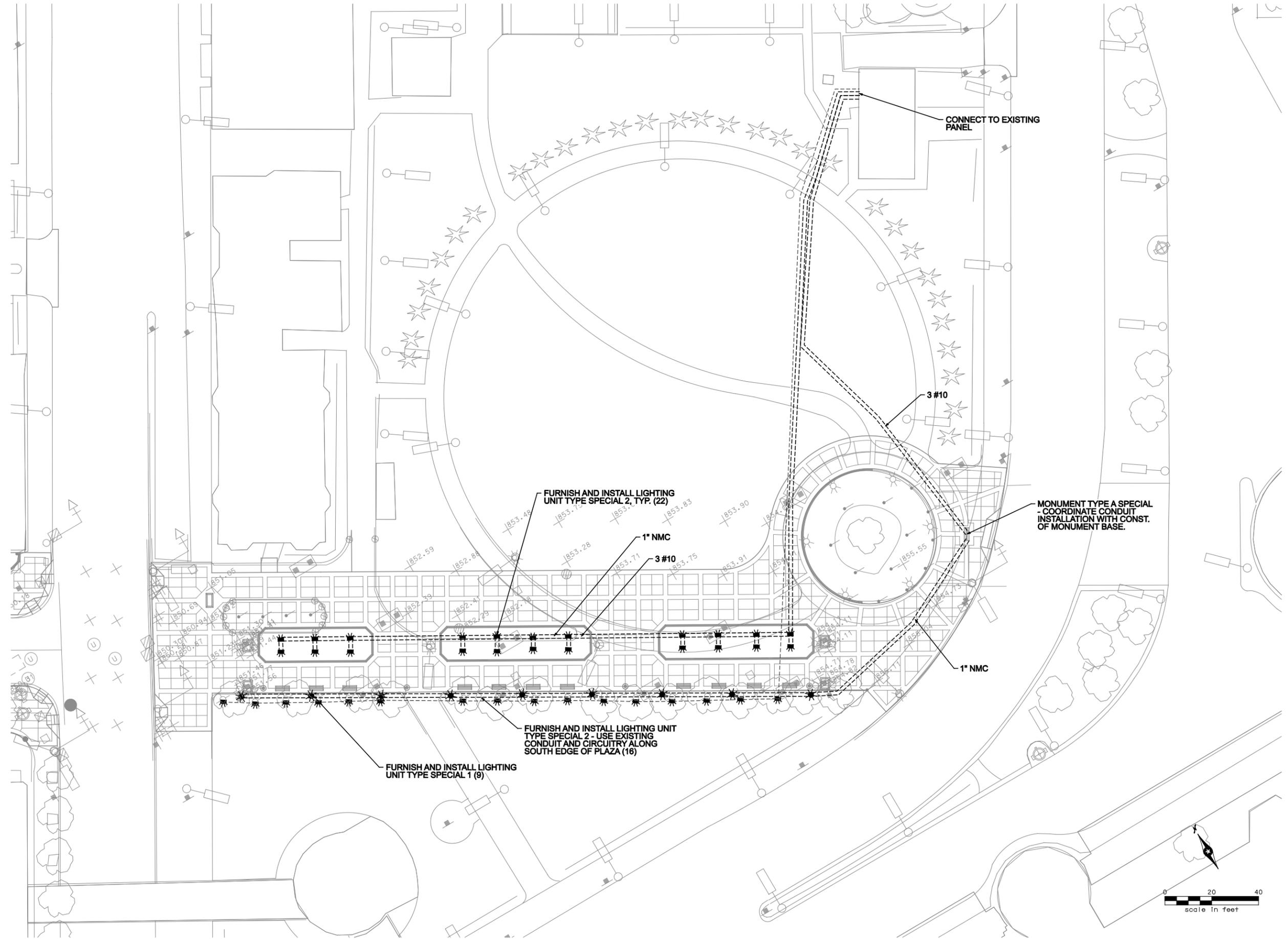
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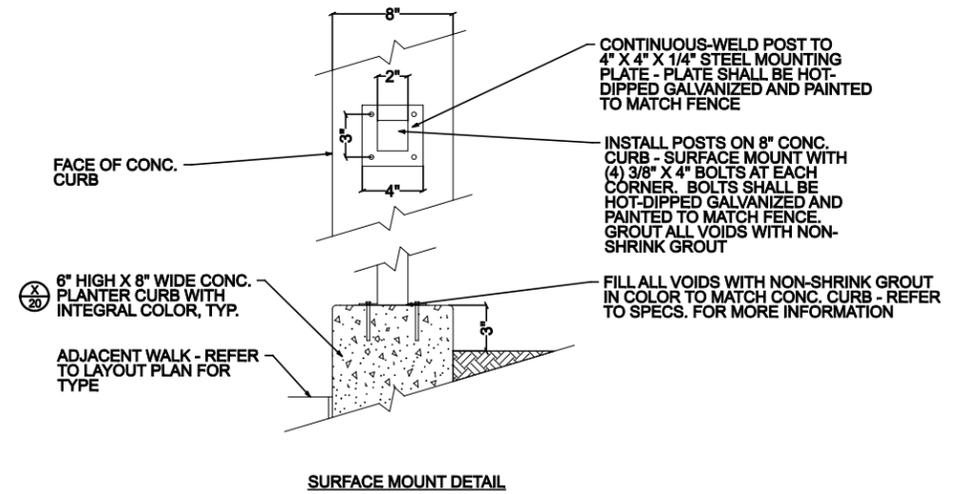
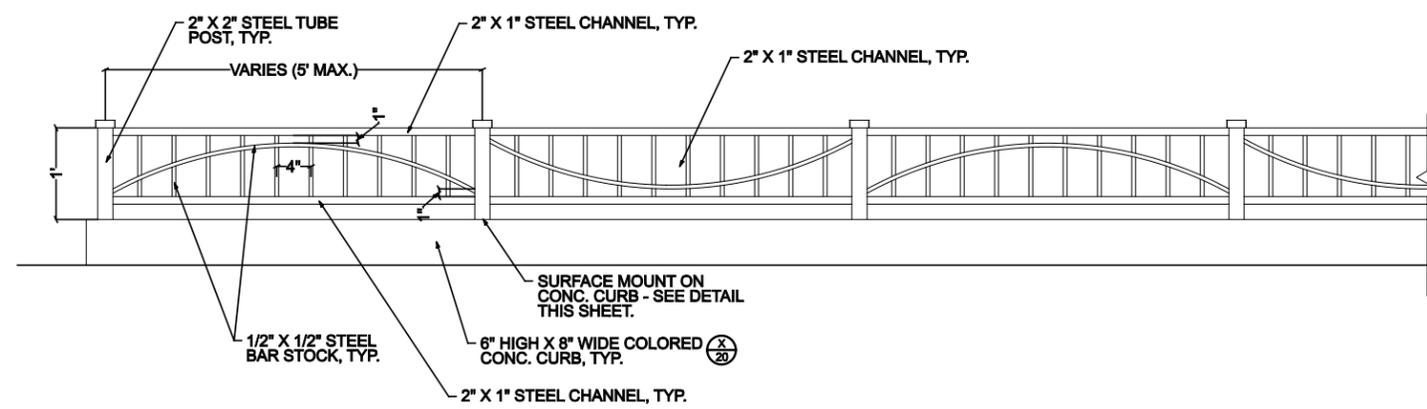
Date: 5/7/09
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City of Minneapolis - Department of Public Works
**LIGHTING PLAN
(CONVENTION CENTRAL PLAZA)**

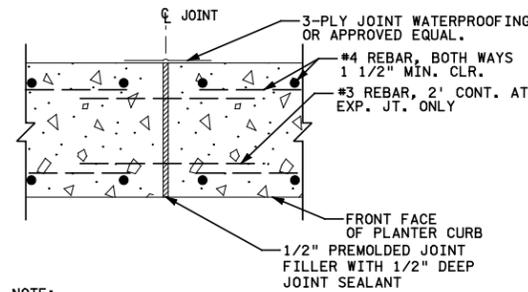
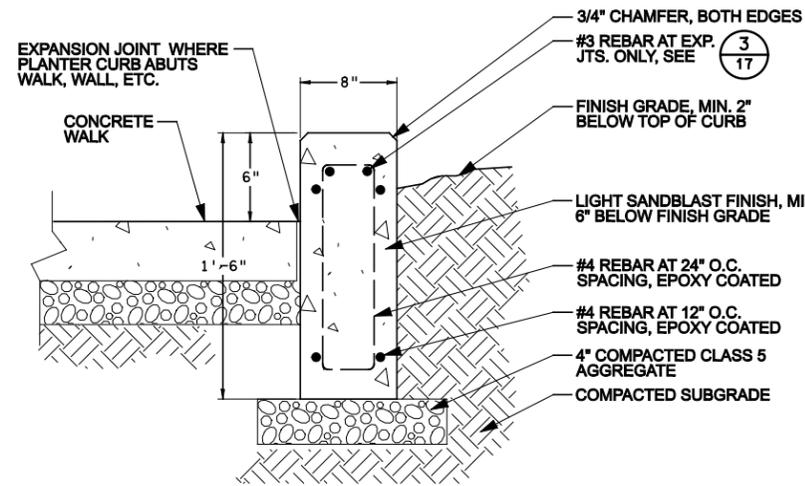
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OF 20

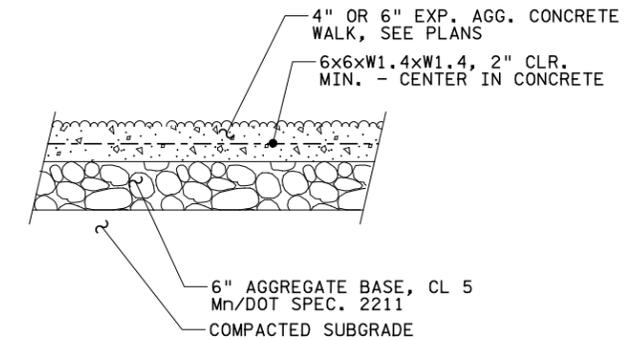




1 12" HIGH METAL PLANTER FENCE
17 NOT TO SCALE



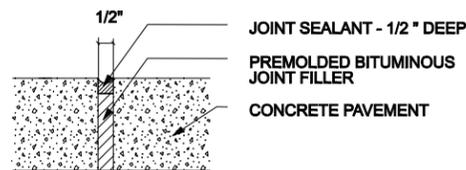
NOTE:
ALL MATERIALS TO BE EPOXY COATED.



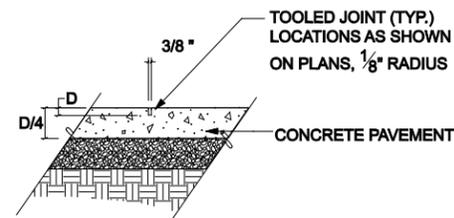
2 6" HIGH X 8" WIDE CONCRETE PLANTER CURB
17 NOT TO SCALE

3 PLANTER CURB EXPANSION JOINT
17 NOT TO SCALE

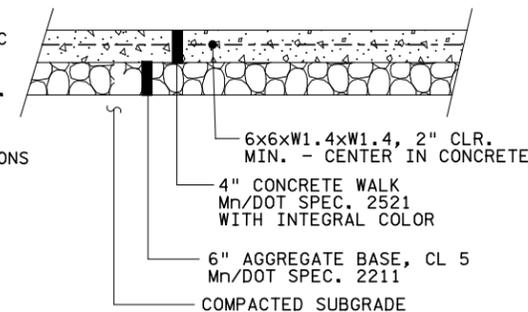
4 EXPOSED AGGREGATE CONCRETE PAVEMENT
17 NOT TO SCALE



NOTE:
TYP. EXPANSION JOINT SHALL BE 30' O.C. MAXIMUM AND AS LOCATED ON PLANS, AND WHERE CONCRETE WALK OR DRIVE ABUTS ANY FIXED OBJECTS (EG. WALLS, CURBS, MANHOLES, BUILDINGS, ETC.).



NOTES:
1. LIGHT BROOM FINISH PERPENDICULAR TO TRAFFIC UNLESS NOTED OTHERWISE.
2. PLACE DOWELS 24" O.C. TO ADJACENT CONC., TYP. MIN. 8" EMBEDMENT
3. REFER TO SPECIFICATIONS FOR INTEGRAL COLOR ADMIXTURE AND SEALANT REQUIREMENTS



5 CONCRETE EXPANSION JOINT
17 NOT TO SCALE

6 CONCRETE CONTROL JOINT
17 NOT TO SCALE

7 CONCRETE BAND WITH INTEGRAL COLOR
17 NOT TO SCALE



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13TH STREET PEDESTRIAN SITE IMPROVEMENTS
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 City of Minneapolis - Department of Public Works
MISCELLANEOUS DETAILS



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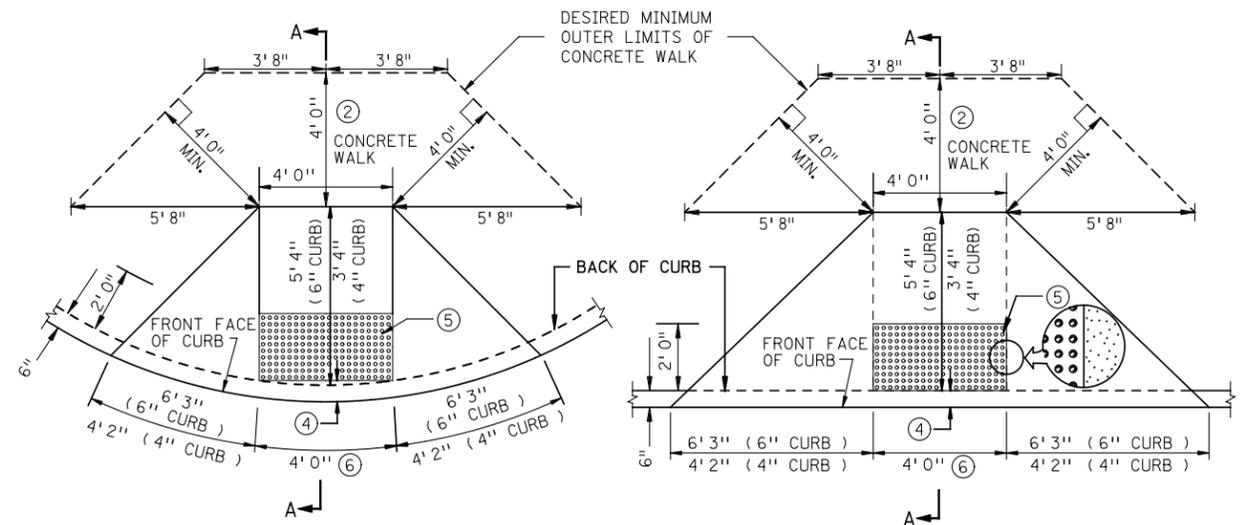
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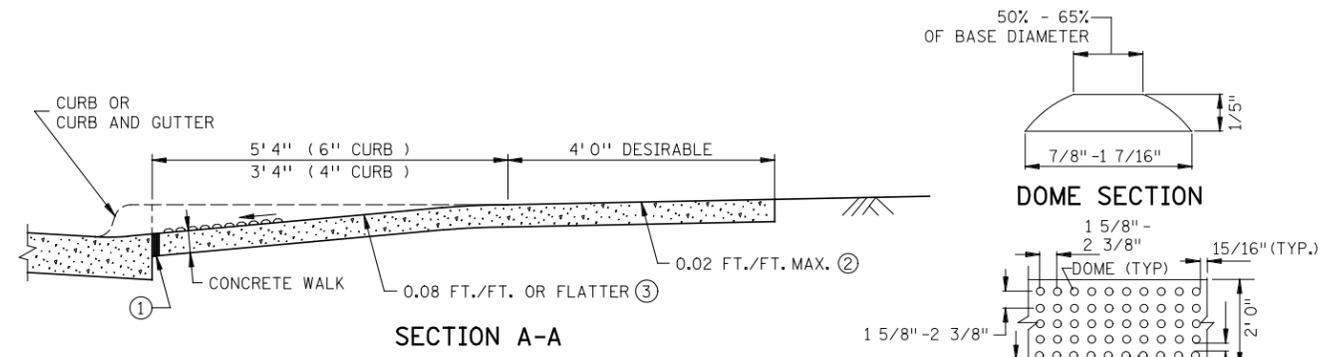
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13TH STREET PEDESTRIAN
SITE IMPROVEMENTS
S.P. 141-080-41
City of Minneapolis - Department of Public Works
MISCELLANEOUS DETAILS



PLAN VIEW OF DIAGONAL RAMP

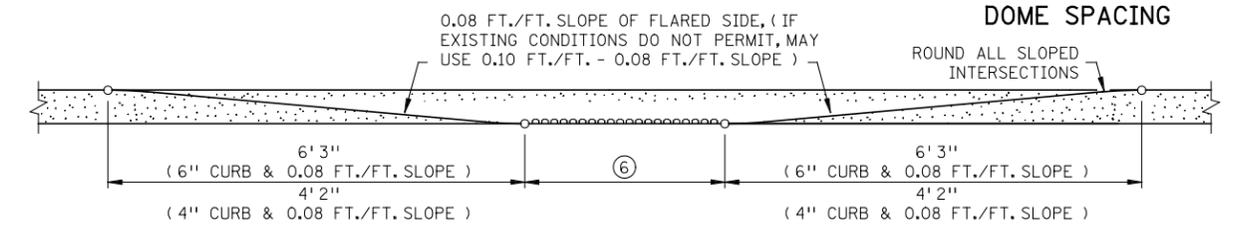
PLAN VIEW OF PERPENDICULAR RAMP



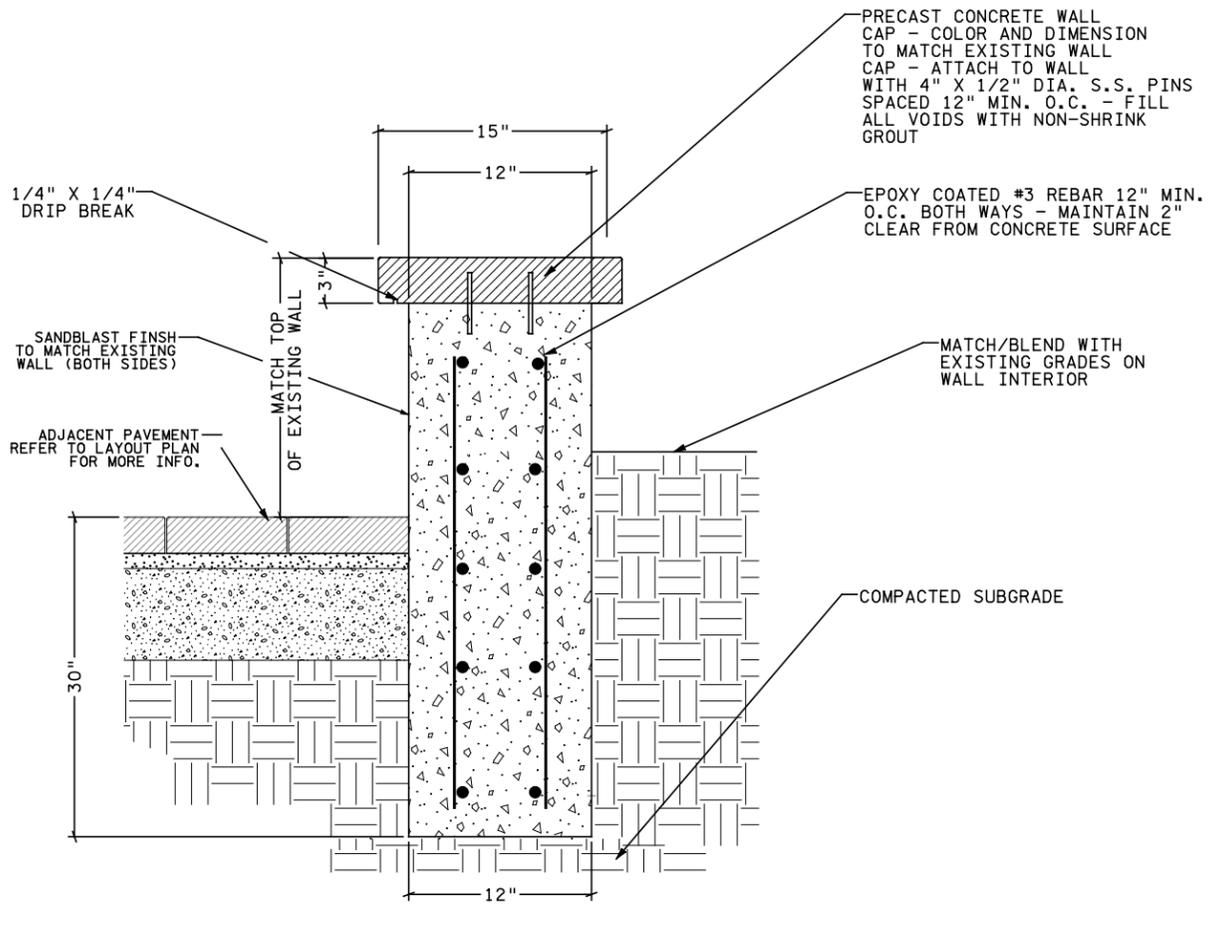
SECTION A-A

DOME SECTION

DOME SPACING



ELEVATION OF RAMP



SEAT WALL DETAIL

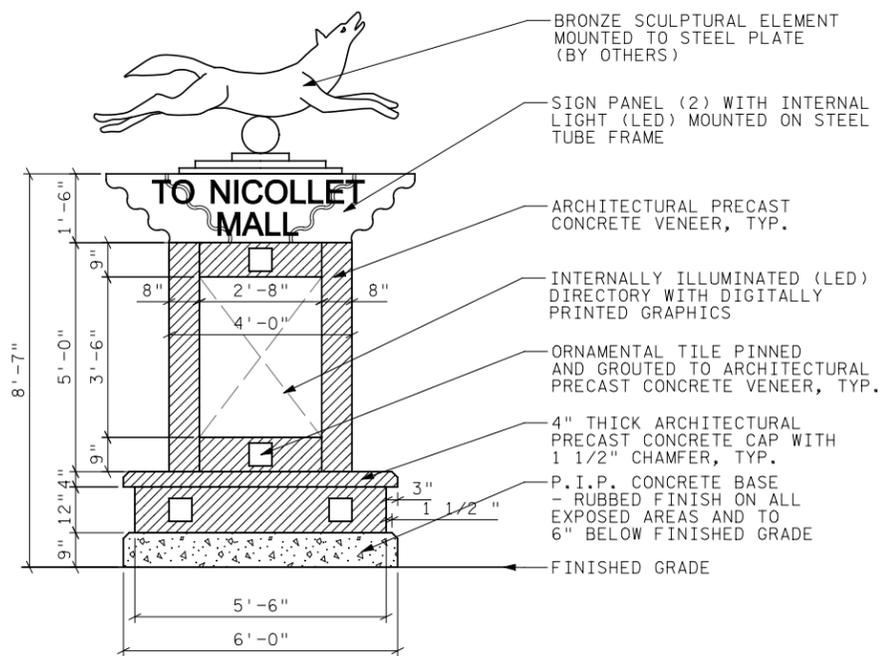
NOT TO SCALE

- NOTES:**
- THE CURB AND CURB TRANSITION ON THE RAMP WILL BE PAID FOR AS LINEAR FEET OF CONCRETE CURB OR CONCRETE CURB AND GUTTER. THE RAMP AREA WILL BE PAID FOR AS CONCRETE WALK. THE TRUNCATED DOME AREA SHALL BE CONSIDERED INCIDENTAL.
- 1/2 INCH PREFORMED JOINT FILLER MATERIAL, AASHTO M 213.
 - WHEN POSSIBLE, PROVIDE A PATH OF TRAVEL 4' 0" WIDE BEHIND THE PEDESTRIAN RAMP. A RELATIVELY FLAT 4' X 4' LANDING WILL ALLOW WHEELCHAIRS TO NAVIGATE AROUND THE PEDESTRIAN RAMP.
 - WHEN A MEDIAN IS NOT WIDE ENOUGH FOR TWO PEDESTRIAN RAMPS AND A 48" LANDING BETWEEN THEM, THE PEDESTRIAN CROSSING SHALL BE CUT THROUGH THE MEDIAN AT STREET LEVEL.
 - 6" TO 8" IS THE REQUIRED OFFSET OF THE DETECTABLE WARNINGS/ TRUNCATED DOME AREA FROM THE FRONT FACE OF CURB, OR PLACE THE DETECTABLE WARNINGS AT THE BACK OF CURB.
 - ADA REQUIRED TRUNCATED DOME AREA SHALL BE 2' 0" MIN. IN DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP. THIS TRUNCATED DOME AREA SHALL CONTRAST VISUALLY WITH THE ADJACENT WALKING SURFACE. THE ENTIRE TRUNCATED DOME AREA SHALL BE A LIGHT COLOR (LIGHT GRAY, WHITE, OR YELLOW) WHEN THE ADJACENT SIDEWALK IS A DARK COLOR. THE ENTIRE TRUNCATED DOME AREA SHALL BE A DARK COLOR (RED, BLACK, DARK GRAY, OR BRIGHT YELLOW) WHEN THE ADJACENT SIDEWALK IS A "WHITE" OR LIGHT GRAY CEMENT COLOR.
 - EXTEND FULL WIDTH OF EXISTING CURB CUT OPENING

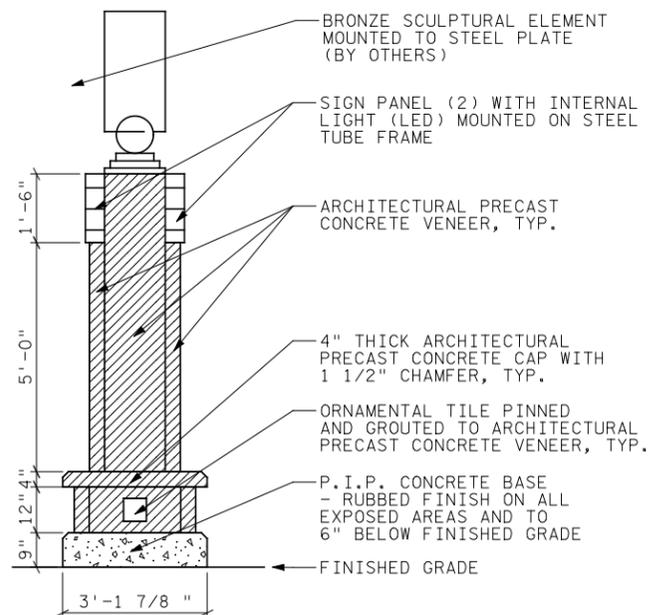
1 PEDESTRIAN CURB RAMP

18 NOT TO SCALE

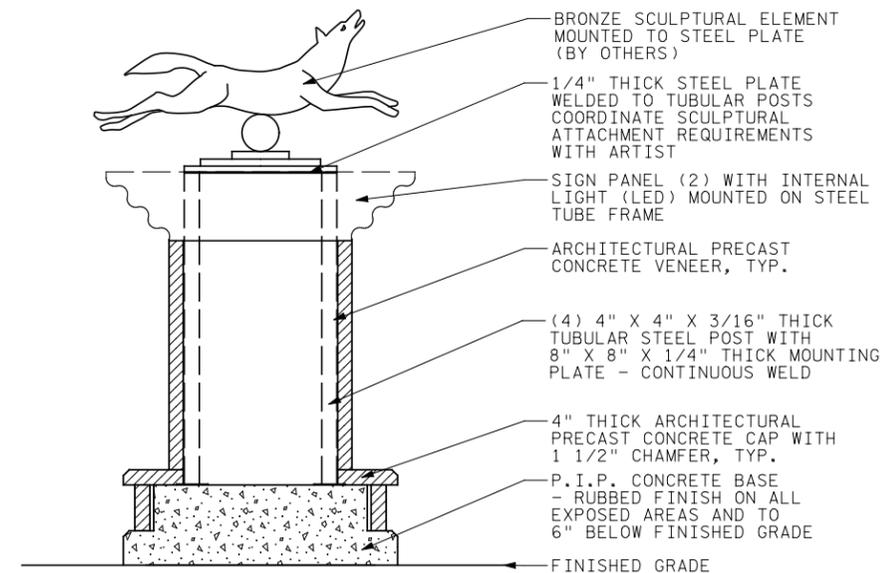
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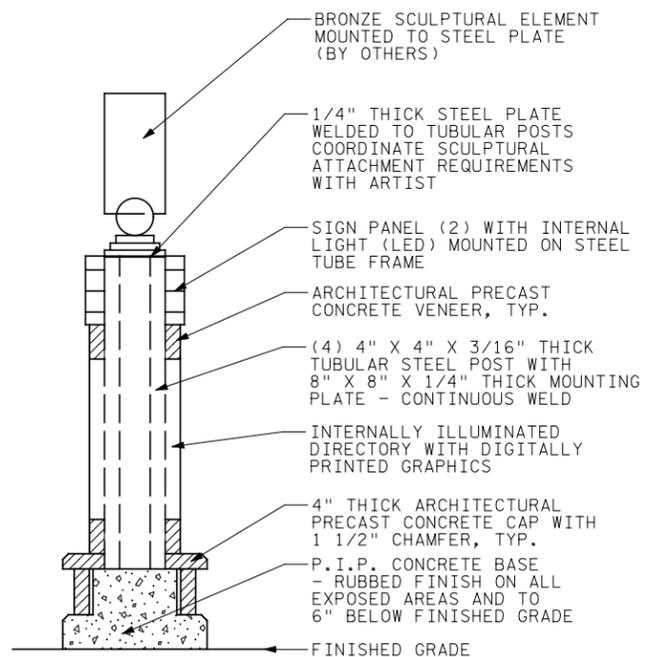
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19 MONUMENT TYPE A SPECIAL FRONT/BACK ELEVATION
NOT TO SCALE



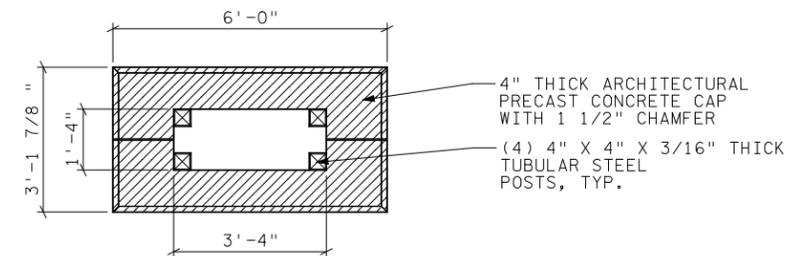
2
19 MONUMENT TYPE A SPECIAL - SIDE ELEVATION
NOT TO SCALE



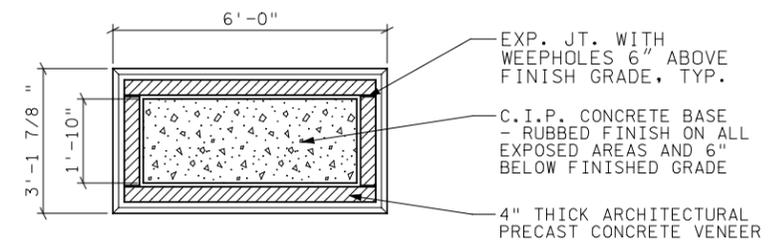
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19 MONUMENT TYPE A SPECIAL - SECTION A
NOT TO SCALE



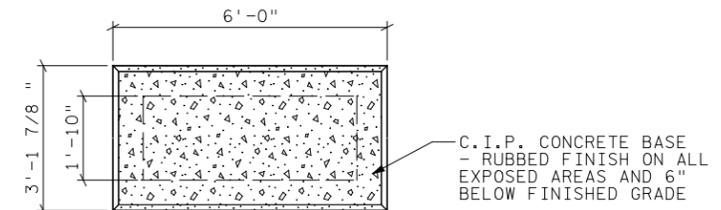
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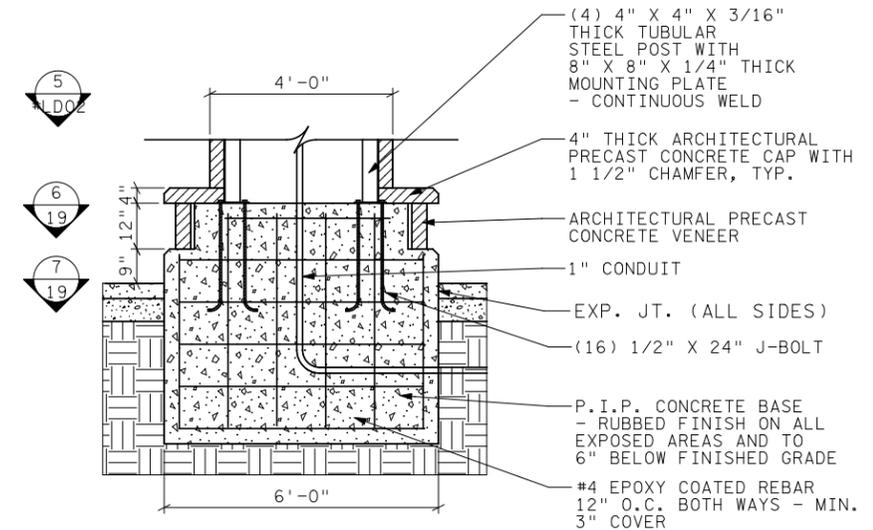
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19 KIOSK MONUMENT - PLAN DETAIL
NOT TO SCALE



6
19 KIOSK MONUMENT - PLAN DETAIL
NOT TO SCALE



7
19 KIOSK MONUMENT - PLAN DETAIL
NOT TO SCALE



8
19 MONUMENT TYPE SPECIAL A - BASE DETAIL
NOT TO SCALE



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KIOSK DETAILS



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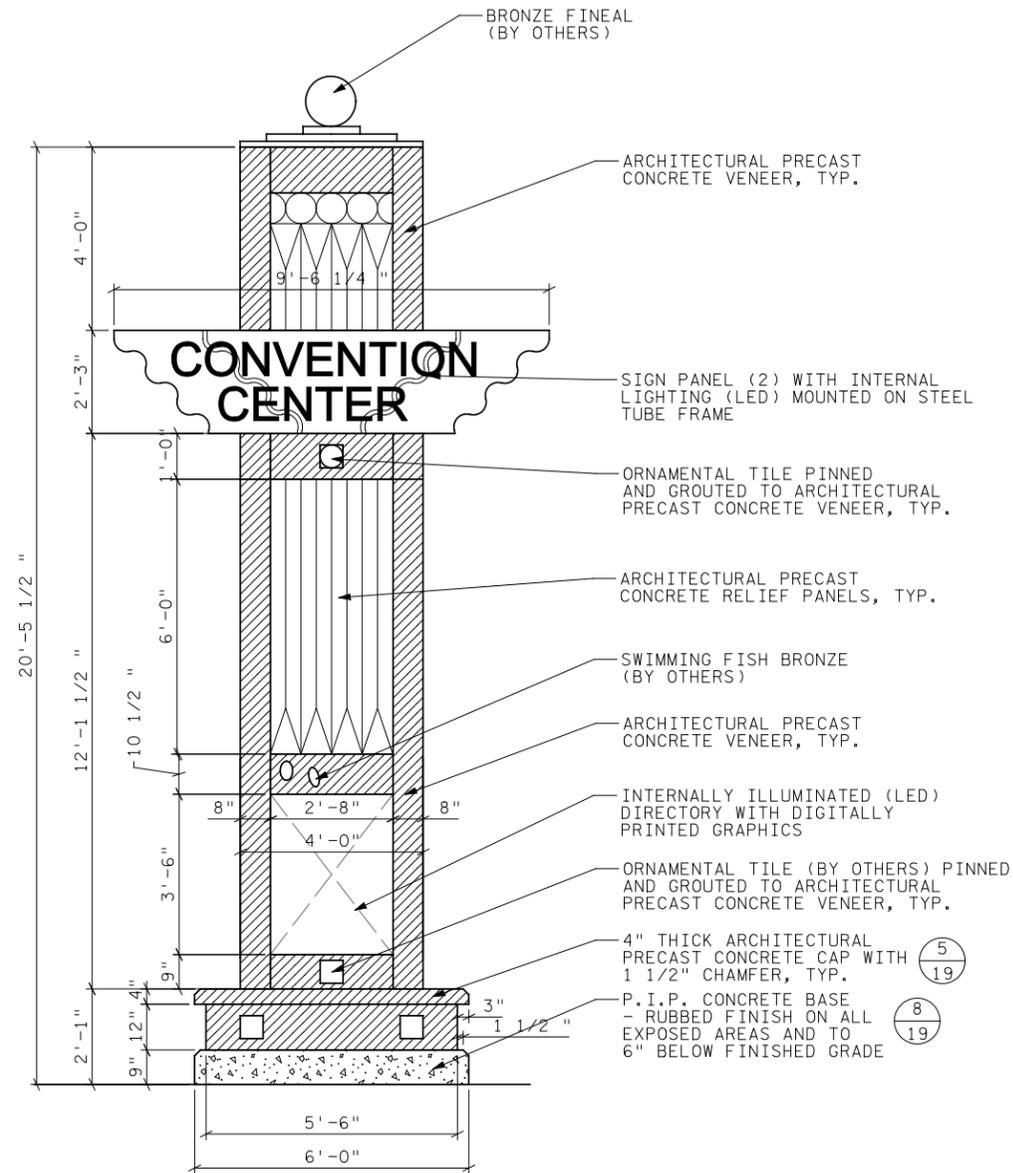
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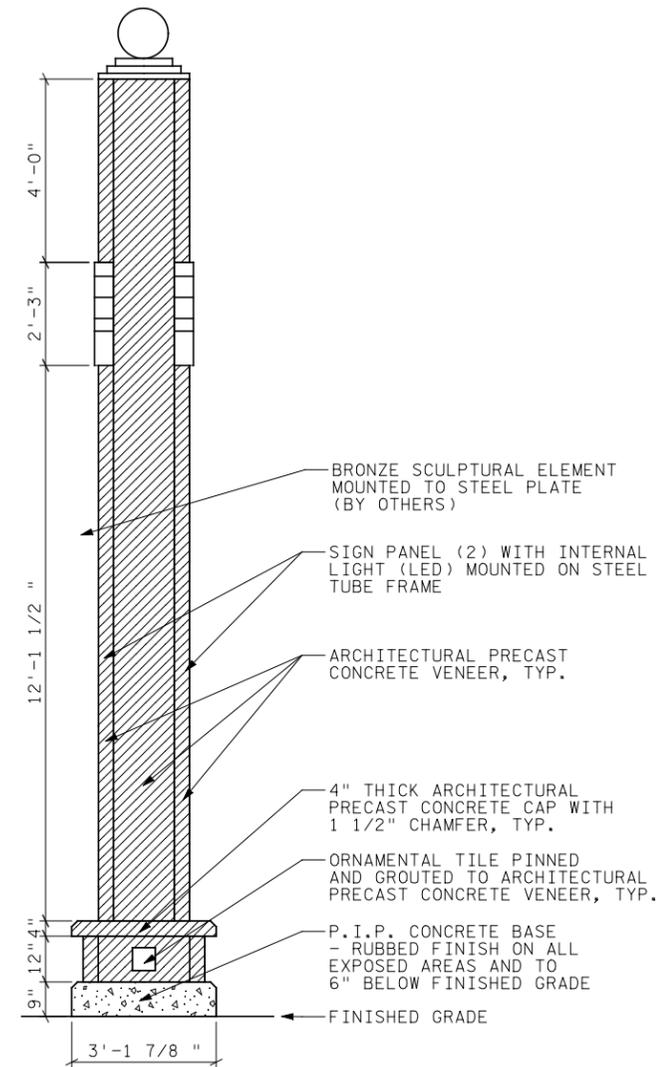
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20

OF 20



1
20 MONUMENT TYPE B SPECIAL
FRONT/BACK ELEVATION
NOT TO SCALE



2
20 MONUMENT TYPE B SPECIAL - SIDE ELEVATION
NOT TO SCALE