# SAINT PAUL The Most Livable City in America

#### **CITY OF ST PAUL**

Department of Public Works 25 West 4th Street 1500 City Hall Annex Saint Paul, MN 55102

## ORDINANCE PERMIT

OFFICE USE ONLY	
Application No	
Application Date	
SPR File #	
Permit No.	

City in America					_
Type of Permit (select one only):					
☐Base Roadway		□Roadway Sidewa	alks	☐Sanitary Sewer Collection System	
$\square$ Bridge		□Roadway Traffic		☐Storm Sewer Collection System	
□Retaining Wall		☐ Sanitary Drop Sh	naft	☐Storm Sewer Treatment System	
Phase:	Location (Street	On From/To and	Adjacent Lots/Blocks):		
r nase.	Location (Street	On, From/10, and E	rajaceni Lois/Biocks).		
<b>Description of Work:</b> [Include the incorporated by reference.]	e description provid	led in the permit ap	plication and all subsequent ar	mendments or revisions, which are herel	рy
incorporatea by rejerence.]					
<b>Applicant Contact Person:</b>	Contact Person	Γitle:	<b>Contact Person Telephone:</b>	Contact Person Email:	
Bond Co.:			Bond Amount:	Bond No.:	
			T		
Insurance Co.:			Insurance Certificate No.:		
<b>Permit Conditions:</b>					
This permit is issued with the stip	oulation that the 1	work of the permit	tee and related agents omn	oloyees and contractors shall confort	m in
p c. more is assured with the stip		oj me permu	a retured agents, emp	10, 222 and continuerors should conjure	

This permit is issued with the stipulation that the work of the permittee and related agents, employees and contractors shall conform in all respects to the Redevelopment Agreement (including all Legal Requirements as defined by Article 1), the City of Saint Paul Department of Public Works Ordinance Permit Process Document, and the Department of Public Works List of Applicable Standards & Specifications. The permit shall be available for display at the site referred to herein and shown to any Police Officer or Inspector upon demand and does not authorize or allow for interference with the work of any Contract made or to be made with the City of Saint Paul.

### THIS PERMIT MAY BE REVOKED AT ANY TIME BY THE DIRECTOR OF PUBLIC WORKS

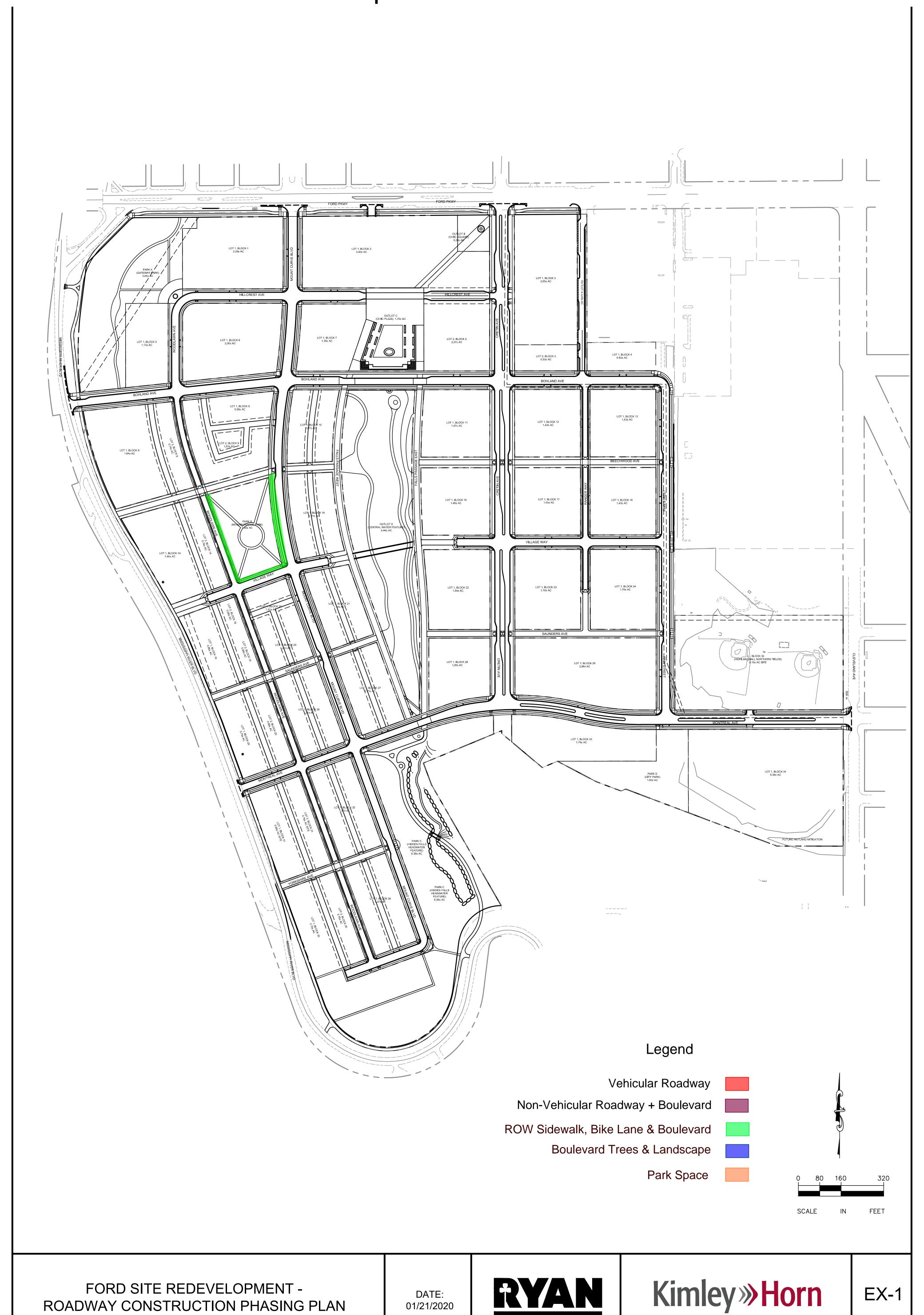
A PERMIT FOR THE ABOVE DESCRIBED CONSTRUCTION IS AUTHORIZED BY:					
David Kuebler Signature	Title	Date			
Printed Name					

PERMIT NUMBER

### ITEMS TO BE COMPLETED PRIOR TO ACCEPTANCE OF INFRASTRUCTURE AND RELEASE OF PERMIT

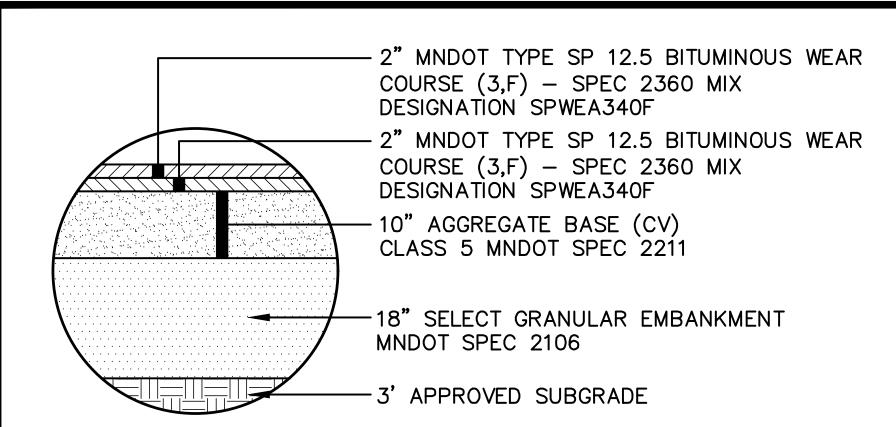
Prior to acceptance of any infrastructure and release of City permits, the following items must be completed to the satisfaction of the City: ☐ Corrective (punch list) work completed; ☐ Original reproducible CAD and PDF as-built plans, signed by the Engineer of Record, provided to Public Works; Submittal of final copies of Metropolitan Council Environmental Services and MN Pollution Control Agency Permits (Sewer Extension, SAC Determination, etc.); ☐ Full compliance with project Quality Management Plan or other document(s) governing quality management and quality assurance; □ Documentation of compliance with all applicable City and non-City permit requirements, including, but not limited to: City Public Works Right-of-Way Office, Minnesota Pollution Control Agency, Capitol Region Watershed District, and National Pollution Discharge Elimination System permit requirements; ☐ Documentation of roadway materials at compaction of grading and base, plant mix design report, strength; ☐ Video of all sanitary sewer mains and laterals, storm sewer mains and laterals, and any structural BMP's (pipe galleries, draintile, sediment control structures, weir structures, etc.) installed under any permit, provided to the Public Works Sewer Division; ☐ Sewer Permit drawings for paving connections or stubs installed to service vertical development provided to Public Works, in addition to Private Service Lateral Permit Drawings; ☐ Documentation of Public Works notified for signal and lighting inspection of pole field layouts (staking), conduits and foundations installed, poles and wiring installed, and head positioning and phasing/detection verification (signals only); ☐ For infrastructure within parks: Documentation that Parks Department has been notified of completion status; ☐ All applicable operation and maintenance manuals provided to Public Works; and ☐ Certificate of Compliance signed and submitted to City by Engineer of Record. **RELEASE OF PERMIT:** Council Res. No. Permit No.\_\_\_\_ Permit Date \_\_\_\_ Release Authorized by\_\_\_\_\_ Title\_\_\_\_

# 2022 Infrastructure Projection Exhibit Draft Updated on 1/11/2022

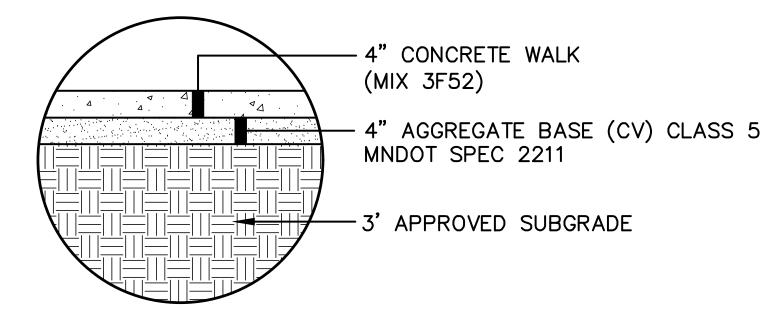


01/21/2020

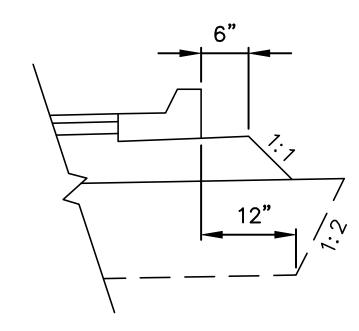
ROADWAY CONSTRUCTION PHASING PLAN



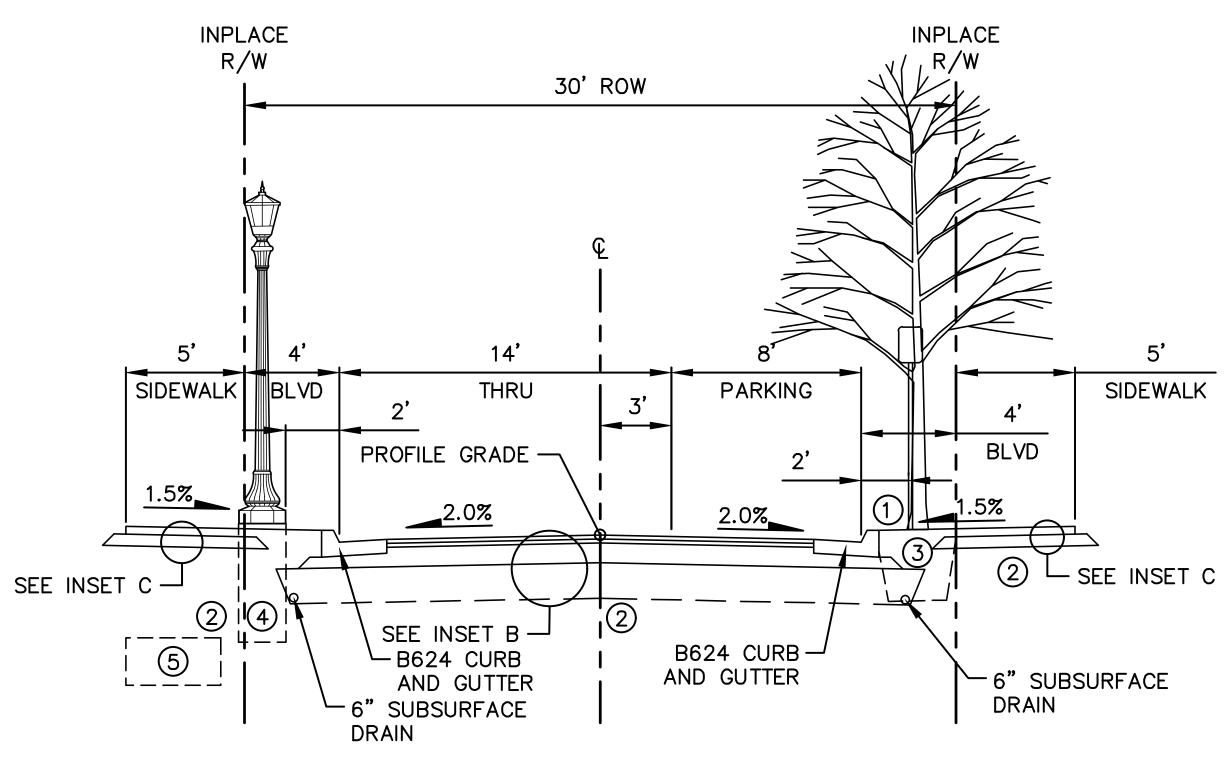
## INSET B - SECONDARY ROAD



## INSET C - 4" CONCRETE SIDEWALK



## TYPICAL GRADING DETAIL AT CURBS



## WOODLAWN AVENUE

MOUNT CURVE BOULEVARD TO YORKSHIRE AVENUE

(STA. 80+00 - STA. 83+96)

MONTREAL AVENUE TO SAUNDERS AVENUE

(STA. 87+93 - STA. 91+50)

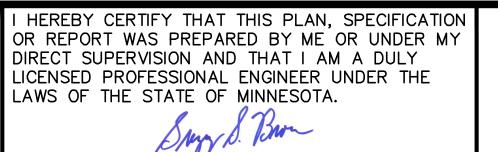
VILLAGE WAY TO BEECHWOOD AVENUE

(STA. 95+00 - STA. 98+93)

No.	Date	Revisions	App.	DRAWING I	
				Ford Plan T	yps.awg
				DESIGNED BY:	RJG
				DRAWN BY:	RJG
				CHECKED BY:	GSB
				DATE:	05/27/20
				PROJECT NO.	160640016



WWW.KIMLEY-HORN.COM



DATE:\_

Dry S. Brown	
GREGORY S. BROWN, PE	
05/27/20 MN LIC. NO. 22814	



SAINT
PAUL
•
AAAA

RYAN COMPANIES US, INC
FORD SITE REDEVELOPMENT
CITY OF ST PAUL, MINNESOTA
FINAL SITE PLAN

<u>LEGEND</u>

GRADE.

VILLAGE WAY.

**GENERAL NOTES:** 

STREET.

1 BOULEVARD CROSS SLOPE MAY VARY FROM 0.5% TO 8%.

OR CONSTRUCTION DEBRIS

FINISHED GRADE.

ROADWAY MATERIALS).

(5) PRIVATE UTILITY CORRIDOR.

(6) 8' SIDEWALK NORTH OF VILLAGE

WAY. 6' SIDEWALK SOUTH OF

1. BOULEVARD TREES AND STREETLIGHT

2. TREE DETAILS INCLUDED FOR GENERAL INFORMATION AND

ON LANDSCAPE PLANS.

INCLUDED FOR GENERAL

TO ALTERNATE THE LENGTH OF THE

COMMENT. SPACING AND SPECIES OF BOULEVARD TREES TO BE INCLUDED

SPACING OF STREET LIGHTING TO BE

3. STREETLIGHT DETAIL AND LOCATION

INFORMATION AND COMMENT.

4. CITY STANDARD 12" OF TOPSOIL

AND SEED/SOD.

REJECTED

INCLUDED ON LIGHTING PLANS.

5. UNLESS OTHERWISE SPECIFIED, THE

OUTFALL CURB AND GUTTER CROSS SLOPES SHALL BE THE SAME AS THE ADJACENT FINISHED SURFACE.

6. TACK COAT TO BE APPLIED BETWEEN

BITUMINOUS PAVEMENT LIFTS.

7. SIDEWALKS SHALL HAVE A MINIMUM

CROSS SLOPE OF 1.5% AND A MAXIMUM CROSS SLOPE OF 2%.

OUT OF COMPLIANCE WILL BE

SIDEWALK THAT IS CONSTRUCTED

(4) LIGHT BASE DIMENSIONS OF 2'

(2) EXCAVATE AND DISPOSE OF SHALE

(3) CENTER TREES IN BOULEVARD OR

ENCOUNTERED WITHIN 3 FEET OF

MEDIAN. MINIMUM OF 300 CF OF

ZONE (TOPSOIL SHALL DISPLACE

DIAMETER AND 6' DEEP PER CITY STANDARD PLATE 8127E. TOP OF

FOUNDATION TO BE 3" ABOVE BLVD

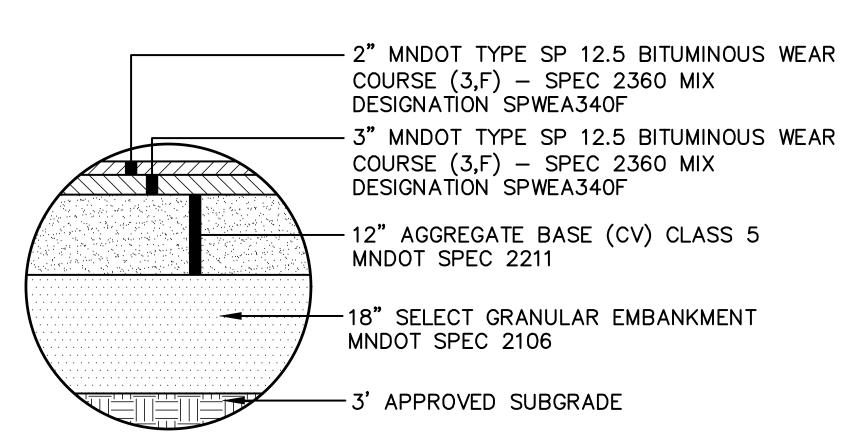
TOPSOIL REQUIRED FOR TREE ROOT

TYPICAL SECTIONS

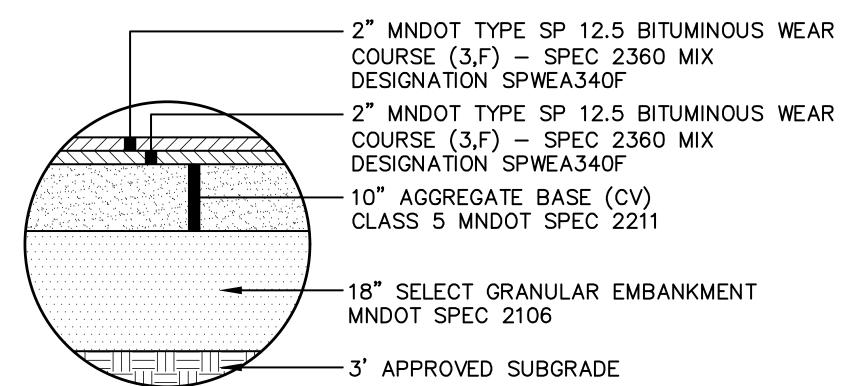
SHEET NO.
8 /

S US, INC. SHEET NO LOPMENT INNESOTA

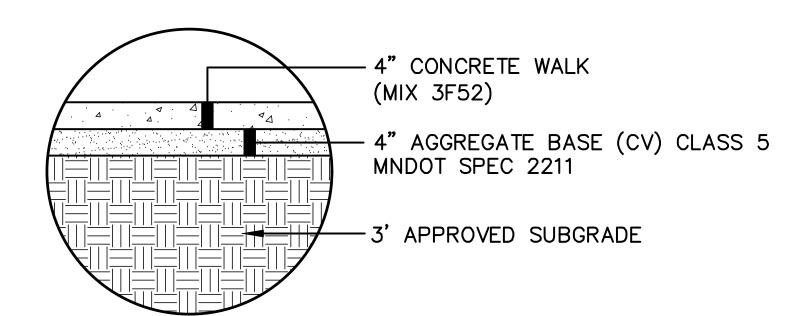
522



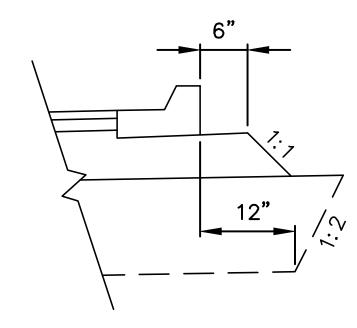
## INSET A - PRIMARY ROAD



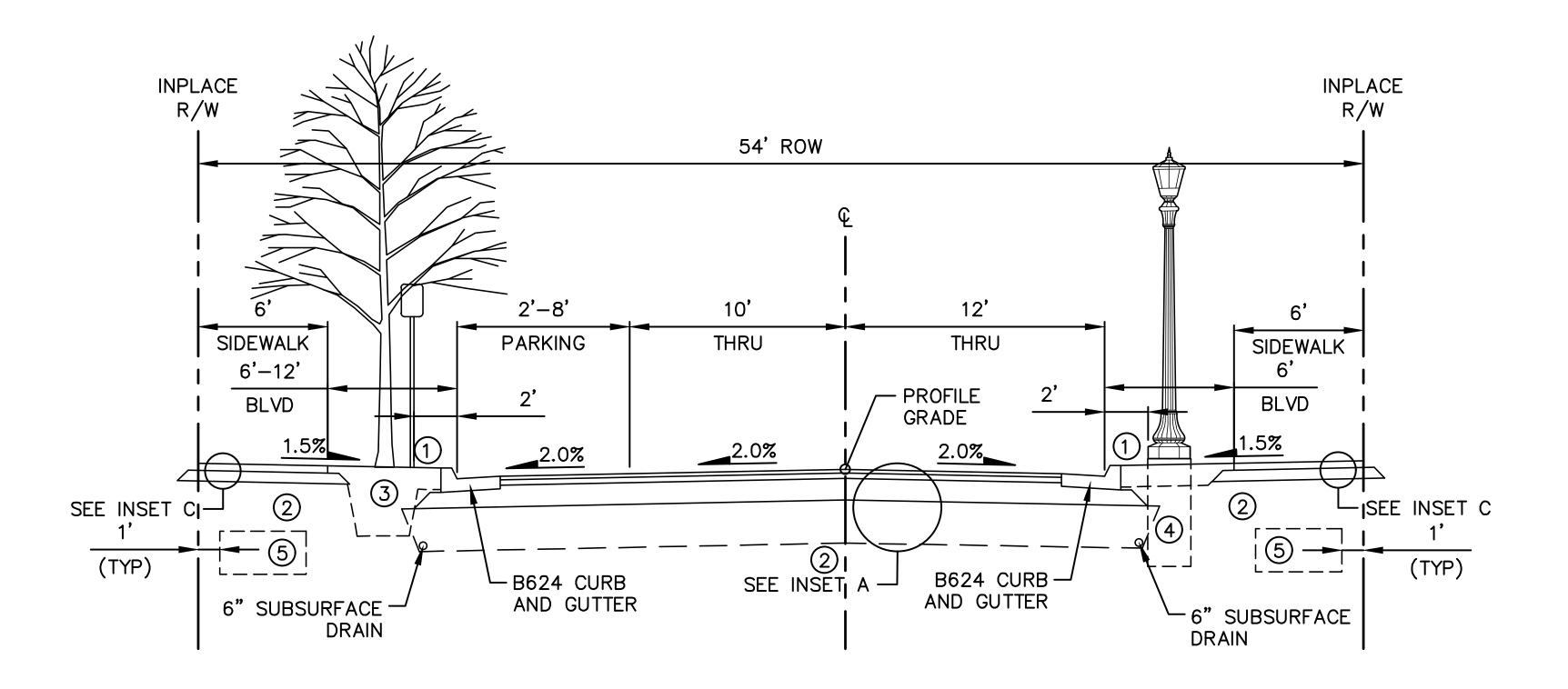
## INSET B - SECONDARY ROAD



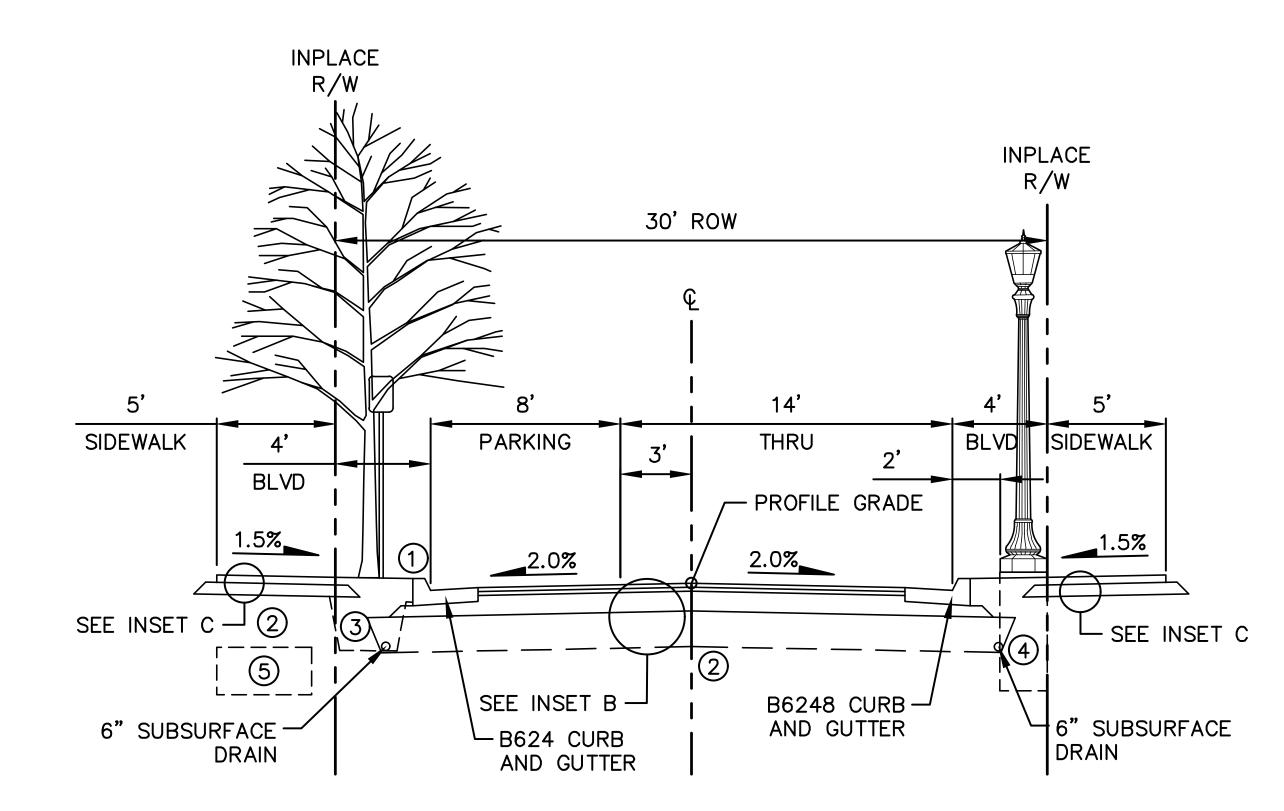
## INSET C - 4" CONCRETE SIDEWALK



## TYPICAL GRADING DETAIL AT CURBS



# WOODLAWN AVENUE BOHLAND AVENUE TO HILLCREST AVENUE (STA. 102+73 - STA. 106+18)



## WOODLAWN AVENUE

YORKSHIRE AVENUE TO MONTREAL AVENUE

(STA. 83+96 - STA. 87+93)

SAUNDERS AVENUE TO VILLAGE WAY

(STA. 91+50 - STA. 95+00)

BEECHWOOD AVENUE TO BOHLAND AVENUE

(STA. 98+93 - STA. 102+73)

#### <u>LEGEND</u>

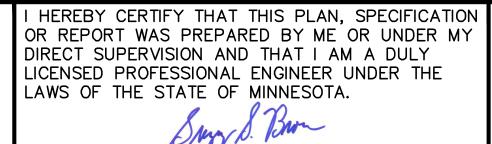
- 1 BOULEVARD CROSS SLOPE MAY VARY FROM 0.5% TO 8%.
- 2 EXCAVATE AND DISPOSE OF SHALE OR CONSTRUCTION DEBRIS ENCOUNTERED WITHIN 3 FEET OF FINISHED GRADE.
- (TOPSOIL SHALL DISPLACE ROADWAY MATERIALS).
- 4 LIGHT BASE DIMENSIONS OF 2' DIAMETER AND 6' DEEP PER MNDOT STANDARD PLATE 8127E. TOP OF FOUNDATION TO BE 3" ABOVE BLVD GRADE.
- (5) PRIVATE UTILITY CORRIDOR.

#### **GENERAL NOTES:**

- 1. TREE DETAILS INCLUDED FOR GENERAL INFORMATION AND COMMENT. SPACING AND SPECIES OF BOULEVARD TREES TO BE INCLUDED ON LANDSCAPE PLANS.
- 2. STREETLIGHT DETAIL AND LOCATION INCLUDED FOR GENERAL INFORMATION AND COMMENT. SPACING OF STREET LIGHTING TO BE INCLUDED ON LIGHTING PLANS.
- 3. CITY STANDARD 12" OF TOPSOIL AND SEED/SOD.
- 4. UNLESS OTHERWISE SPECIFIED, THE OUTFALL CURB AND GUTTER CROSS SLOPES SHALL BE THE SAME AS THE ADJACENT FINISHED SURFACE.
- 5. TACK COAT TO BE APPLIED BETWEEN BITUMINOUS PAVEMENT LIFTS.
- 6. SIDEWALKS SHALL HAVE A MINIMUM CROSS SLOPE OF 1.5% AND A MAXIMUM CROSS SLOPE OF 2%. SIDEWALK THAT IS CONSTRUCTED OUT OF COMPLIANCE WILL BE REJECTED

No.	Date	Revisions	App.	DRAWING NAME	
				Ford Plan Ty	yps.awg
				DESIGNED BY:	RJG
				DRAWN BY:	RJG
				CHECKED BY:	GSB
				DATE:	05/27/20
				PROJECT NO.	160640016





GREGORY S. BROWN, PE

DATE: 05/27/20 MN LIC. NO. 22814

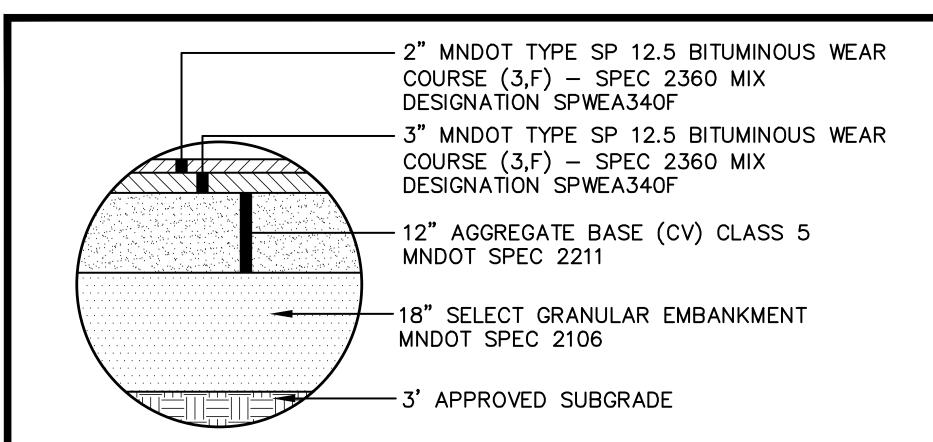




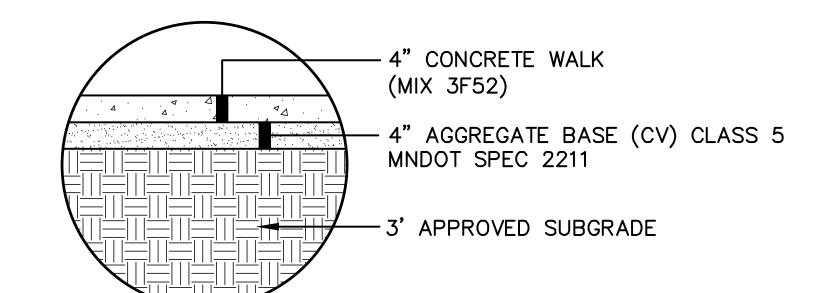
RYAN COMPANIES US, INC
FORD SITE REDEVELOPMENT
CITY OF ST PAUL, MINNESOTA
FINAL SITE PLAN

TYPICAL SECTIONS

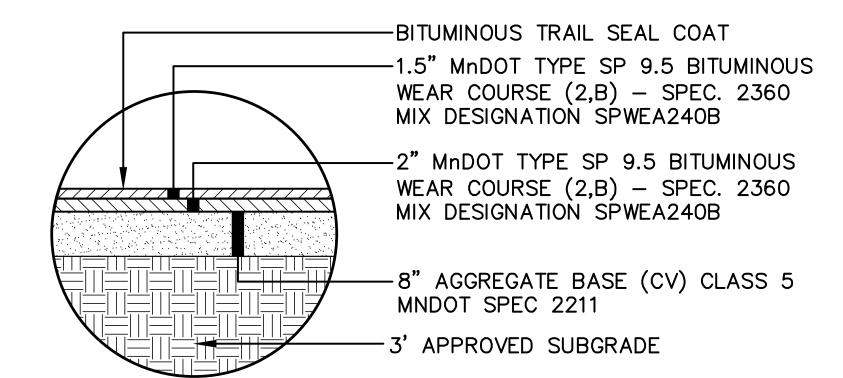
SHEET N	0.
9	
	522



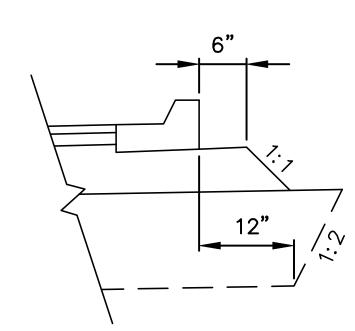
## INSET A - PRIMARY ROAD



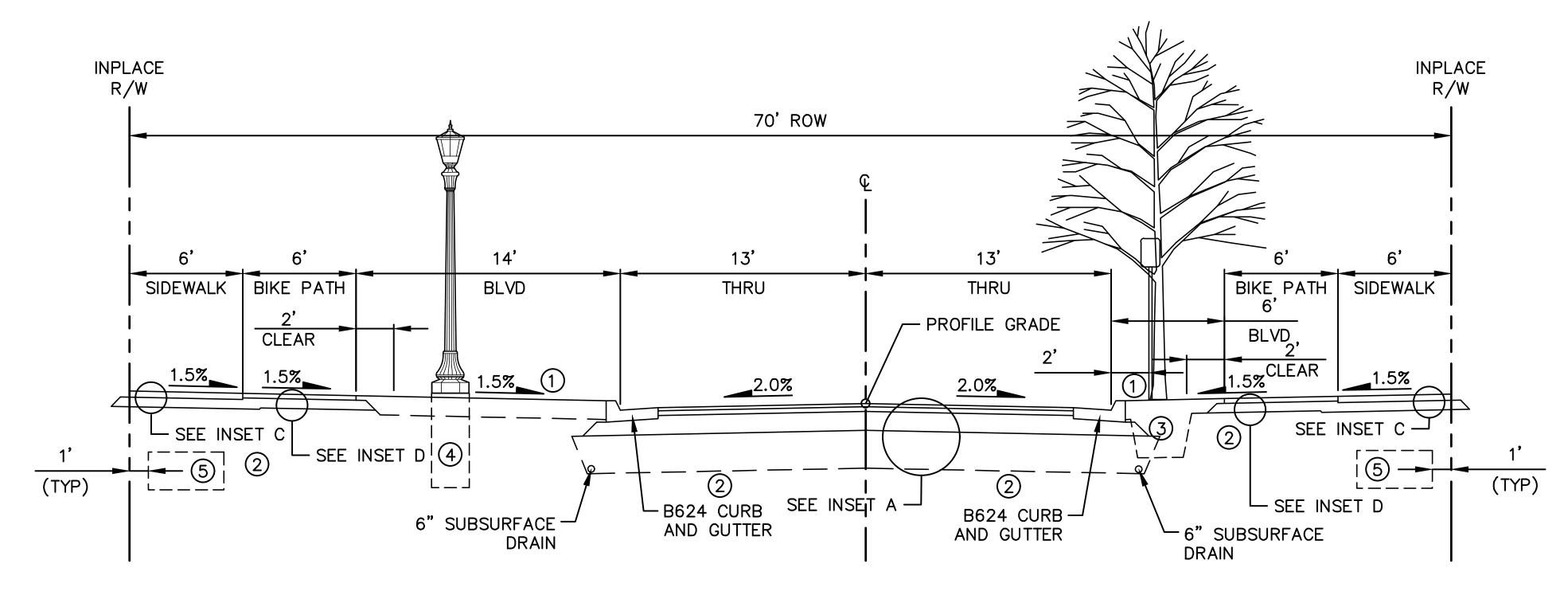
## INSET C - 4" CONCRETE SIDEWALK



## INSET D - BITUMINOUS TRAIL



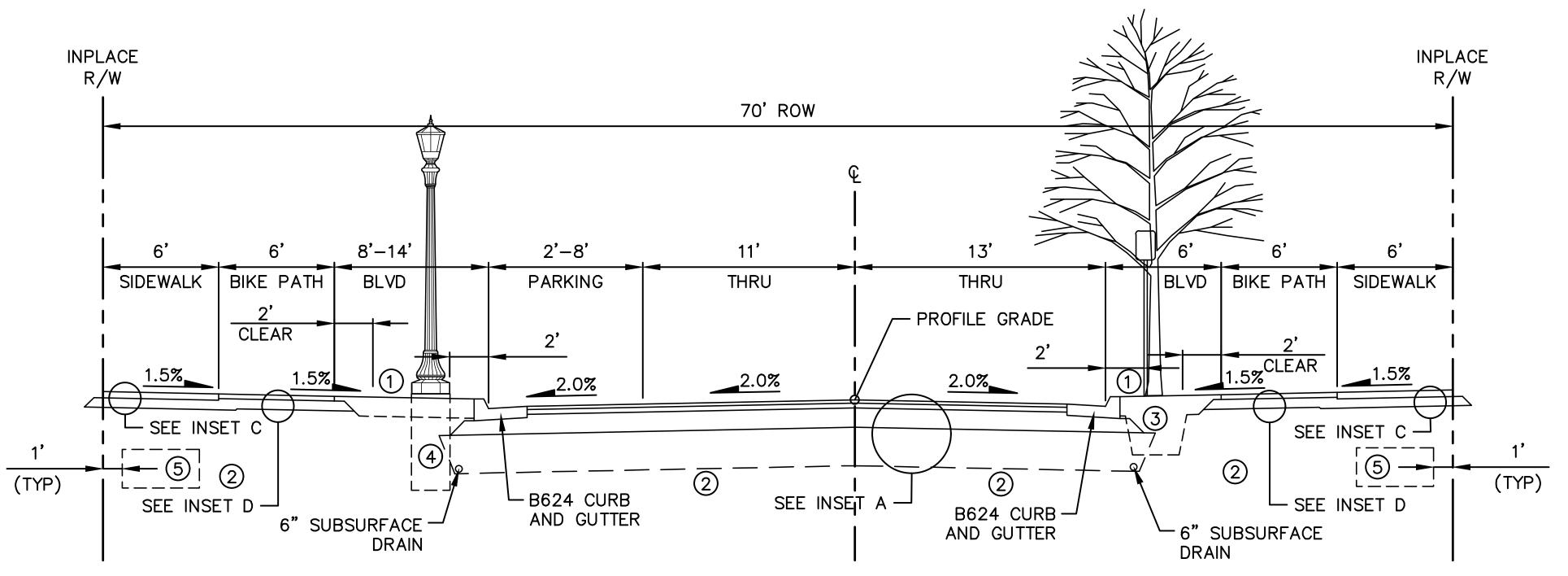
## TYPICAL GRADING DETAIL AT CURBS



## MOUNT CURVE BOULEVARD

MONTREAL AVENUE TO BOHLAND AVENUE (STA. 56+52 - STA. 57+90)

(STA. 59+89 - STA. 60+29)(STA. 67+14 - STA. 67+55)



# MOUNT CURVE BOULEVARD

MONTREAL AVENUE TO BOHLAND AVENUE

(STA. 57+90 - STA. 59+89)(STA. 60+29 - STA. 67+15)

(STA. 67+55 - STA. 68+80)

<u>LEGEND</u>

- 1) BOULEVARD CROSS SLOPE MAY VARY FROM 0.5% TO
- 2 EXCAVATE AND DISPOSE OF SHALE OR CONSTRUCTION DEBRIS ENCOUNTERED WITHIN 3 FEET OF FINISHED GRADE.
- (3) CENTER TREES IN BOULEVARD. MINIMUM OF 300 CF OF TOPSOIL REQUIRED FOR TREE ROOT ZONE (TOPSOIL SHALL DISPLACE ROADWAY MATERIALS).
- 4 LIGHT BASE DIMENSIONS OF 2' DIAMETER AND 6' DEEP PER MNDOT STANDARD PLATE 8127E. TOP OF FOUNDATION TO BE 3" ABOVE BLVD GRADE.
- (5) PRIVATE UTILITY CORRIDOR.

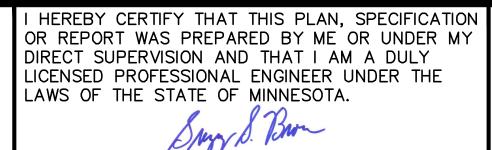
**GENERAL NOTES:** 

- BOULEVARD TREES AND STREETLIGHT TO ALTERNATE THE LENGTH OF THE STREET.
- 2. TREE DETAILS INCLUDED FOR GENERAL INFORMATION AND COMMENT. SPACING AND SPECIES OF BOULEVARD TREES TO BE INCLUDED ON LANDSCAPE PLANS.
- 3. STREETLIGHT DETAIL AND LOCATION INCLUDED FOR GENERAL INFORMATION AND COMMENT. SPACING OF STREET LIGHTING TO BE INCLUDED ON LIGHTING PLANS.
- 4. CITY STANDARD 12" OF TOPSOIL AND SEED/SOD.
- 5. UNLESS OTHERWISE SPECIFIED, THE OUTFALL CURB AND GUTTER CROSS SLOPES SHALL BE THE SAME AS THE ADJACENT FINISHED SURFACE.
- 6. TACK COAT TO BE APPLIED BETWEEN BITUMINOUS PAVEMENT LIFTS.
- 7. SIDEWALKS SHALL HAVE A MINIMUM CROSS SLOPE OF 1.5% AND A MAXIMUM CROSS SLOPE OF 2%. SIDEWALK THAT IS CONSTRUCTED OUT OF COMPLIANCE WILL BE REJECTED

No.	Date	Revisions	App.	DRAWING	
				Ford Plan	Typs.dwg
				DESIGNED BY:	RJG
				DRAWN BY:	RJG
				CHECKED BY:	GSB
				DATE:	05/27/20
				PROJECT NO.	160640016

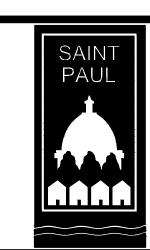


WWW.KIMLEY-HORN.COM



Day S. Brown				
GREGORY S. BROWN, PE				
DATE:	05/27/20 MN LIC. NO. 22814			



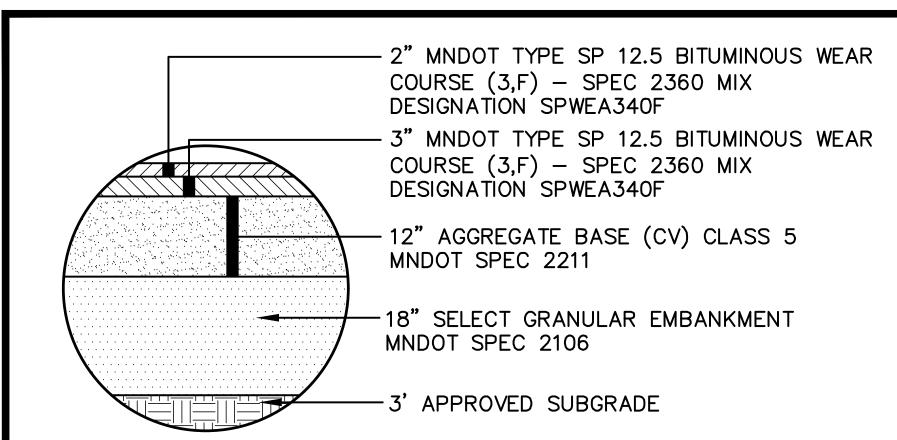


RYAN COMPANIES US, INC. FORD SITE REDEVELOPMENT CITY OF ST PAUL, MINNESOTA FINAL SITE PLAN

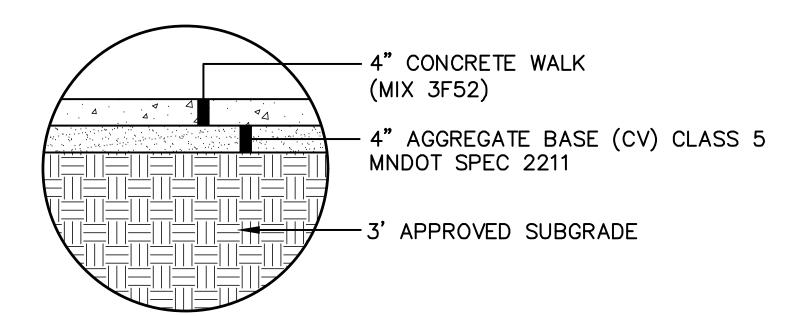
TYPICAL SECTIONS

SHEET NO.

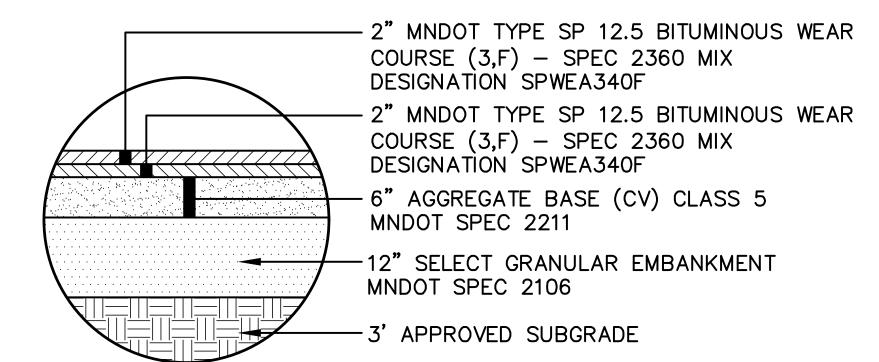
522



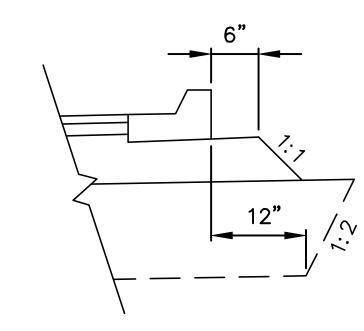
## <u>INSET A - PRIMARY ROAD</u>



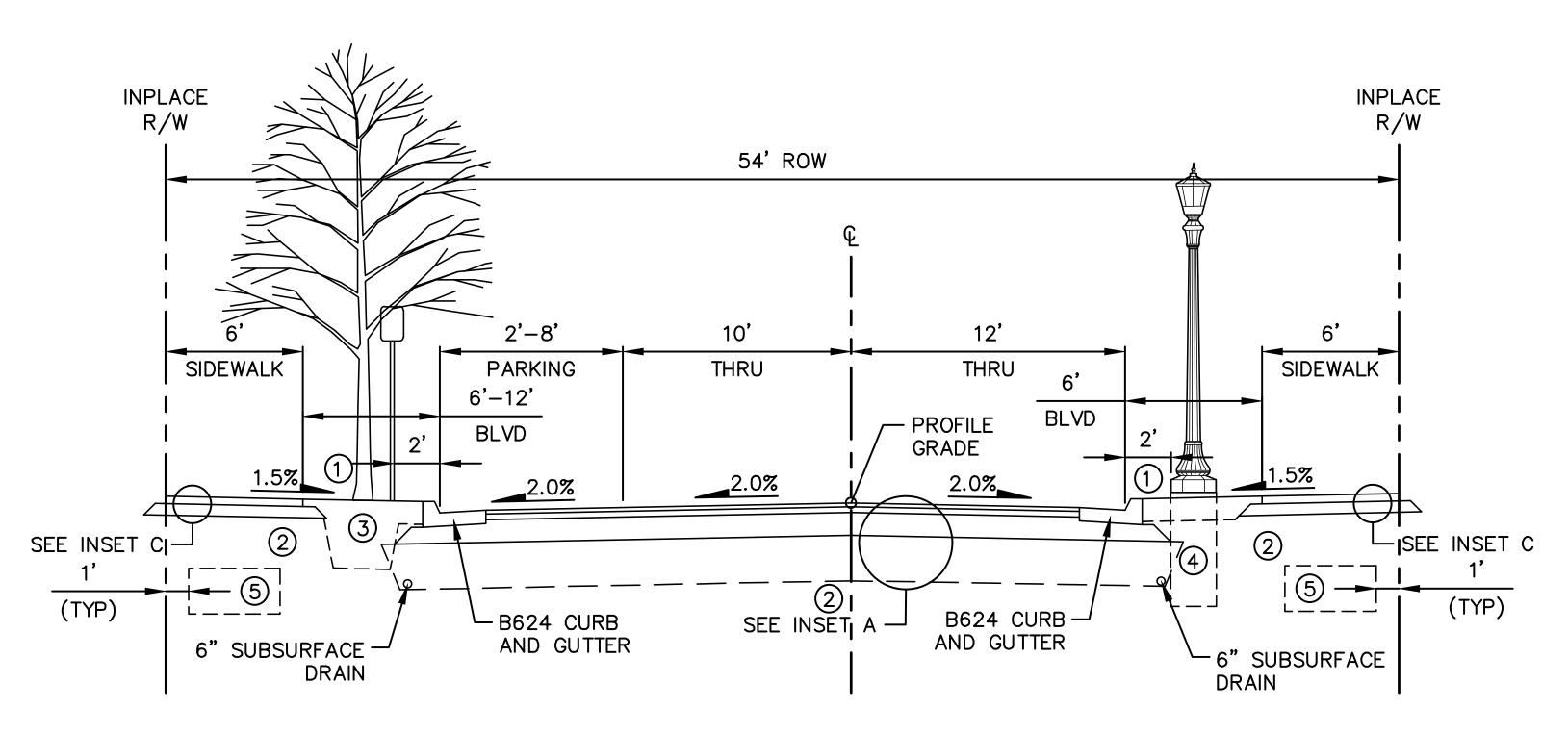
## INSET C - 4" CONCRETE SIDEWALK



## INSET E - SHARED PATH

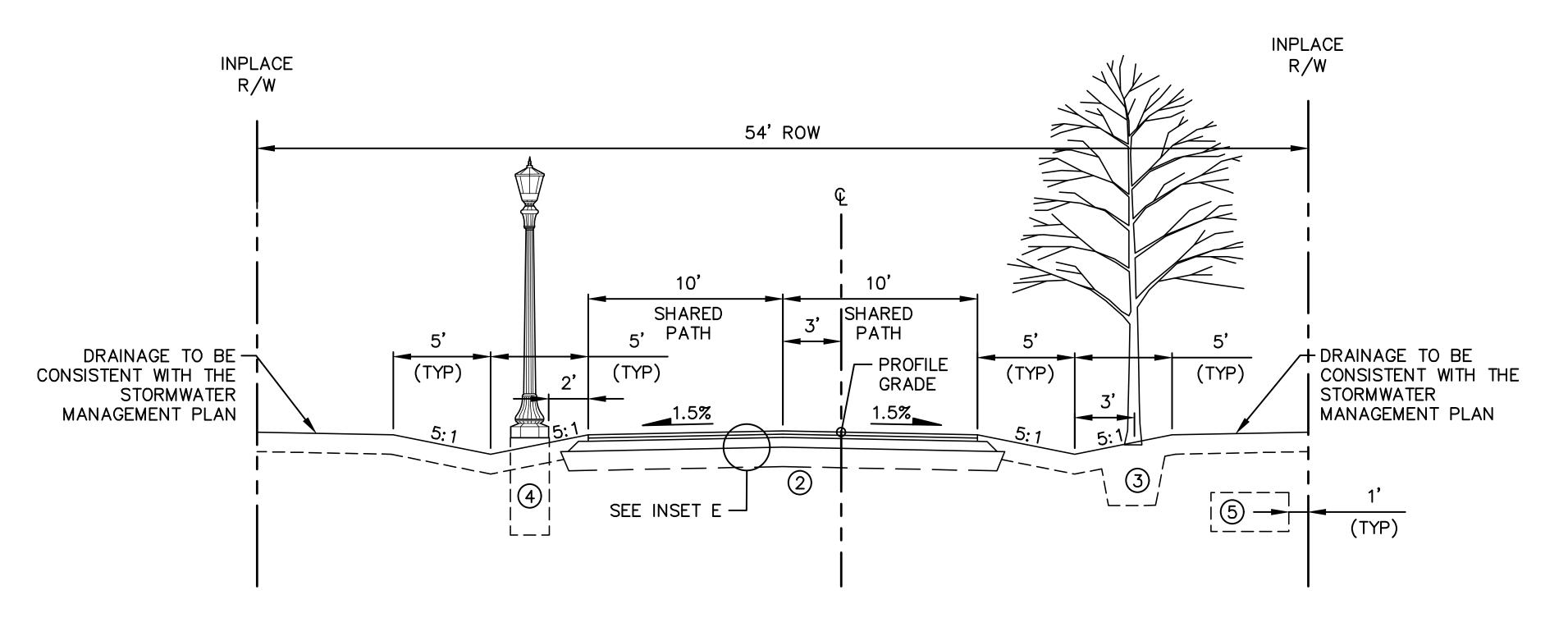


TYPICAL GRADING DETAIL AT CURBS



## VILLAGE WAY

BLOCK 14 & 19 ALLEY TO LOT 15 & 21 ALLEY (STA. 196+74 - STA. 201+46)BLOCK 16 & 22 ALLEY TO FINN STREET (STA. 206+36 - STA. 214+20)



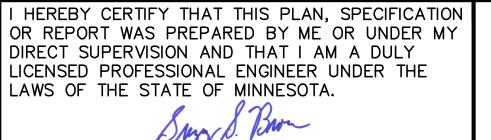
## VILLAGE WAY

MISSISSIPPI RIVER BOULEVARD TO BLOCK 14 & 19 ALLEY (STA. 195+40 - STA. 196+73)BLOCK 15 & 21 ALLEY TO FALLS PASSAGE WEST (STA. 201+46 - STA. 202+24)FALLS PASSAGE EAST TO BLOCK 16 & 22 ALLEY (STA. 205+02 - STA. 206+35)

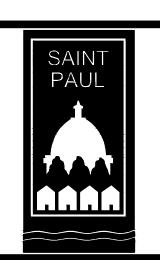
#### No. | Date | Revisions App. DRAWING NAME Ford Plan Typs.dwg DESIGNED BY: RJG DRAWN BY: CHECKED BY: GSB DATE: 05/27/20 PROJECT NO. 160640016



WWW.KIMLEY-HORN.COM



LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	RYAN
GREGORY S. BROWN, PE	
DATE: 05/27/20 MN LIC. NO. 22814	



TYPICAL SECTIONS

RYAN COMPANIES US, INC.	SHE
FORD SITE REDEVELOPMENT	
CITY OF ST PAUL, MINNESOTA	
FINAL SITE PLAN	

<u>LEGEND</u>

1 BOULEVARD CROSS SLOPE MAY VARY FROM 0.5% TO 33%. PROPOSED SWALE BOTTOM TO BE 1 FOOT

CONSTRUCTION DEBRIS ENCOUNTERED WITHIN 3

(3) CENTER TREES IN BOULEVARD OR BACK SLOPE OF

(4) LIGHT BASE DIMENSIONS OF 2' DIAMETER AND 6'

FOUNDATION TO BE 3" ABOVE BLVD GRADE.

1. BOULEVARD TREES AND STREETLIGHT TO

TREE DETAILS INCLUDED FOR GENERAL

ALTERNATE THE LENGTH OF THE STREET.

INFORMATION AND COMMENT. SPACING AND

SPECIES OF BOULEVARD TREES TO BE INCLUDED

3. STREETLIGHT DETAIL AND LOCATION INCLUDED FOR GENERAL INFORMATION AND COMMENT. SPACING OF

STREET LIGHTING TO BE INCLUDED ON LIGHTING

4. CITY STANDARD 12" OF TOPSOIL AND SEED/SOD.

AS THE ADJACENT FINISHED SURFACE.

5. UNLESS OTHERWISE SPECIFIED, THE OUTFALL CURB

6. TACK COAT TO BE APPLIED BETWEEN BITUMINOUS

7. SIDEWALKS SHALL HAVE A MINIMUM CROSS SLOPE

SIDEWALK THAT IS CONSTRUCTED OUT OF

COMPLIANCE WILL BE REJECTED

OF 1.5% AND A MAXIMUM CROSS SLOPE OF 2%.

AND GUTTER CROSS SLOPES SHALL BE THE SAME

SWALE. MINIMUM OF 300 CF OF TOPSOIL REQUIRED

DEEP PER MNDOT STANDARD PLATE 8127E. TOP OF

FOR TREE ROOT ZONE (TOPSOIL SHALL DISPLACE

LOWER THAN EDGE OF PAVEMENT GRADE.

(2) EXCAVATE AND DISPOSE OF SHALE OR

FEET OF FINISHED GRADE.

ROADWAY MATERIALS).

(5) PRIVATE UTILITY CORRIDOR.

**GENERAL NOTES:** 

ON LANDSCAPE PLANS.

PLANS.

PAVEMENT LIFTS.

