

# EXHIBIT B

CITY OF DULUTH

SOUTH LINE OF THE  
NW1/4 OF THE NW1/4,  
SECTION 33, T50N, R14W  
(PER DULUTH ENGINEERING  
1911 SURVEY)

POINT OF COMMENCEMENT,  
THIS DESCRIPTION

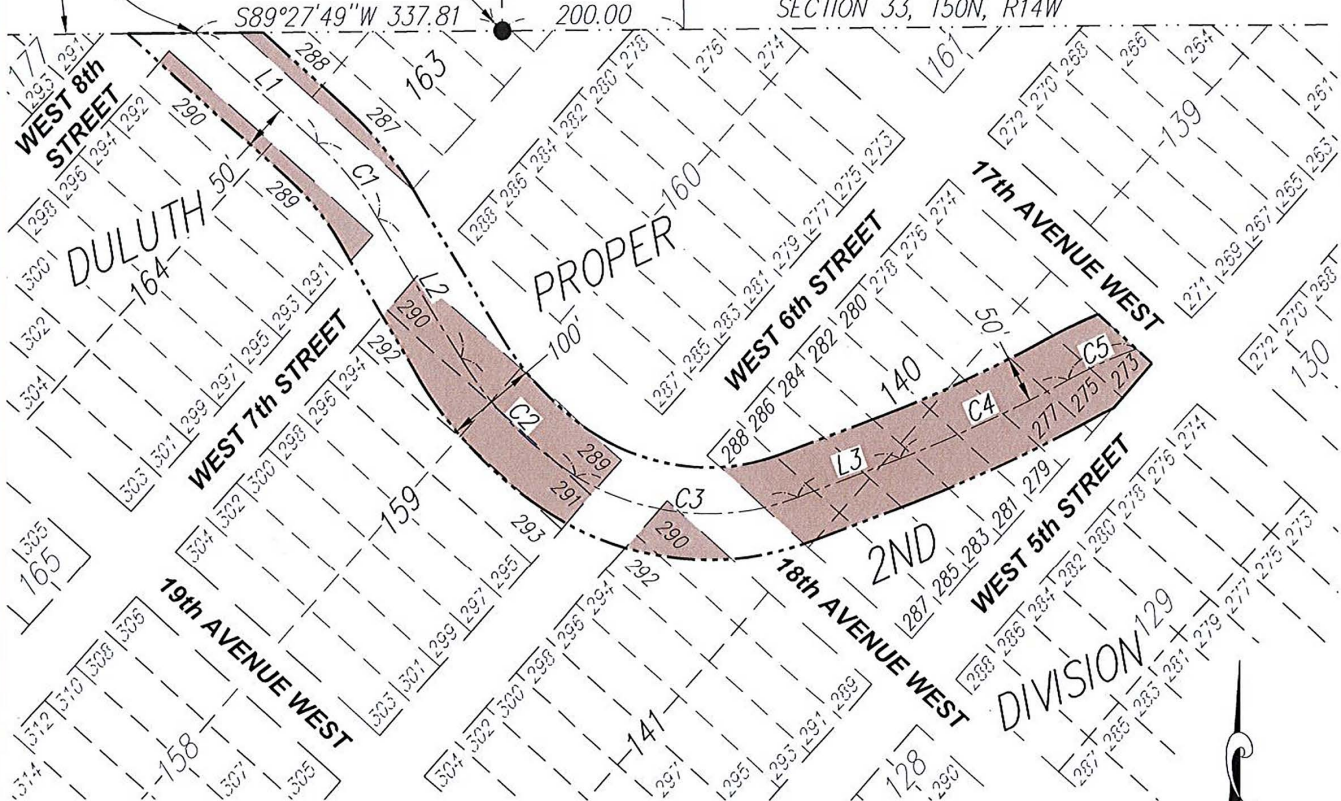
POINT OF BEGINNING,  
THIS DESCRIPTION

APPROVED BY: \_\_\_\_\_

CITY ENGINEER

WEST LINE OF EXCEPTION TO  
CERTIFICATE OF TITLE No. 61885

EAST LINE OF THE  
NW1/4 OF THE NW1/4,  
SECTION 33, T50N, R14W



LINE TABLE		
LINE	BEARING	LENGTH
L1	S48°21'13"E	179.20
L2	S31°01'25"E	176.58
L3	N69°20'47"E	119.00

CURVE TABLE					
CURVE	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD BEARING	
C1	350.00	17°19'48"	105.86	S39°41'19"E	
C2	375.00	27°43'52"	181.50	S44°53'22"E	
C3	280.00	51°53'56"	253.63	S84°42'16"E	
C4	1450.00	08°05'16"	204.68	N65°18'09"E	
C5	484.01	09°48'03"	82.79	N66°09'33"E	

## LEGEND

EASEMENT AREA =

● = FOUND IRON PIPE FROM 1911  
DULUTH ENGINEERING SURVEY  
NOTES (BOOK 177)

0 100 230  
(SCALE IN FEET)

Basis of Bearing is Grid North,  
St. Louis County Transverse  
Mercator 96 Coordinate System.

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 Land Surveyor under the laws of the State of Minnesota.

Print Name: Paul A. Vogel

License # 44075

Signature:

Date: 3/2/2016

DATE PREPARED: 3/02/16

PROJ NO: 160126

FILE: 160126vExhib

SHEET 1 of 1 SHEETS



PERFORMANCE  
DRIVEN DESIGN.  
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