

### PAVEMENT HOLD DOWN TABLE

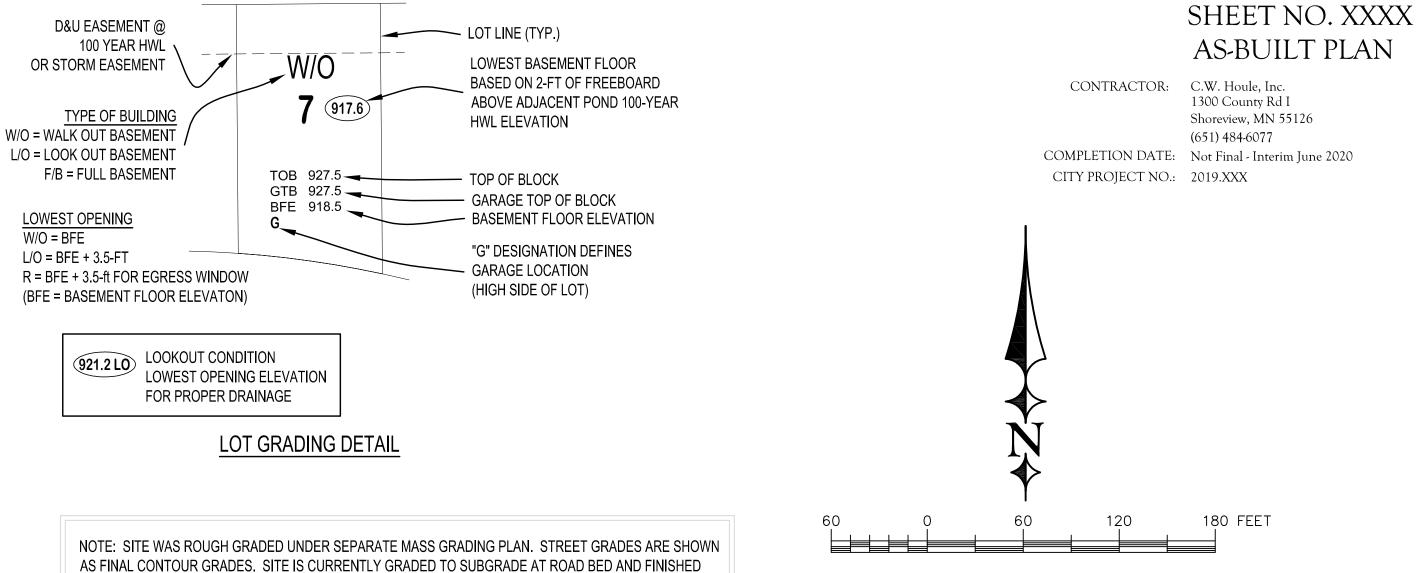
SECTION AREA	HOLD DOWN FOR GRADING				
LOCAL STREET	STREET 21 INCHES				
SIDEWALK	9 INCHES				
TRAIL	10.5 INCHES				

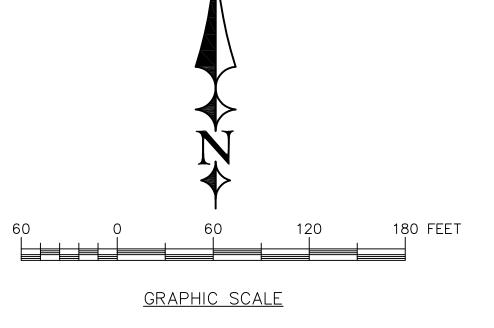
## **GRADING NOTES:**

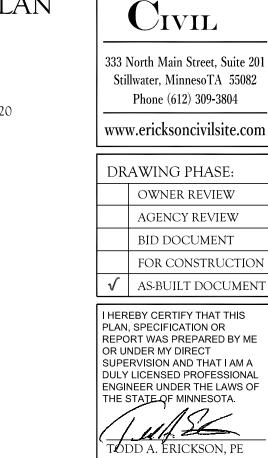
- 1) SPOT ELEVATIONS ARE ALL GUTTER LINE OR FINISHED ELEVATION UNLESS NOTED OTHERWISE.
- 2) ELEVATIONS/CONTOURS SHOWN AS FINISHED GRADE ELEVATIONS.
- 3) REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS.
- 4) DO NOT SPREAD TOPSOIL WHILE IT IS FROZEN OR MUDDY OR WHEN THE SUBGRADE IS WET OR FROZEN. CORRECT ANY IRREGULARITIES IN THE SURFACE THAT RESULT FROM TOPSOIL SPREADING OR OTHER OPERATIONS TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS. BERMING OR DOUBLE LAYERING OR FIBER ROLL MAY BE REQUIRED TO CONTAIN RUNOFF IF SILT FENCING CANNOT BE INSTALLED PROPERLY DURING FROZEN CONDITIONS.
- 5) CONTRACTOR SHALL SCHEDULE SOILS TESTING FOR EACH STRUCTURAL FILL AREA, PAD AND STREET AREA.
- 6) ALL CITY STANDARD NOTES AS FOUND ON SHEETS C3 SHALL BE FOLLOWED.

#### ENGINEERED/STRUCTURAL FILL REQUIREMENTS

- CONTRACTOR SHALL REMOVE TOPSOIL AND ANY ORGANIC MATERIAL AS DIRECTED BY ENGINEER IN ALL AREAS OF ENGINEERED/STRUCTURAL FILL.
- ANY ENGINEERED/STRUCTURAL FILL MATERIAL SHALL BE COMPACTED IN 8-INCH LIFTS TO A DENSITY OF 98% STANDARD PROCTOR DENSITY.
- GRANULAR BACKFILL SHALL BE COMPLETELY FREE OF ORGANIC MATERIAL & MAY NOT CONTAIN ANY ROCKS LARGER THAN 3" IN DIAMETER.
- GRADES SHALL NOT VARY MORE THAT 0.1' FROM GRADING ELEVATIONS SHOWN ON PLANS.
- TESTING OF PAD AREA SHALL BE COORDINATED BY CONTRACTOR AND TESTING RESULTS SHALL BE DELIVERED TO ENGINEER AND OWNER. COST OF TESTING IS BY OWNER.
- TESTING OF ENGINEERED/STRUCTURAL FILL IN ROAD AREAS SHALL BE COORDINATED BY CONTRACTOR AND TESTING RESULTS SHALL BE DELIVERED TO OWNER, ENGINEER AND CITY.
- ANY FAILED COMPACTION SHALL BE REMOVED AND RECOMPACTED AT NO ADDITIONAL EXPENSE TO THE OWNER, EXCEPT FOR TESTING.







40418

DATE:

LICENSE NO.

08/05/2020

ERICKSON

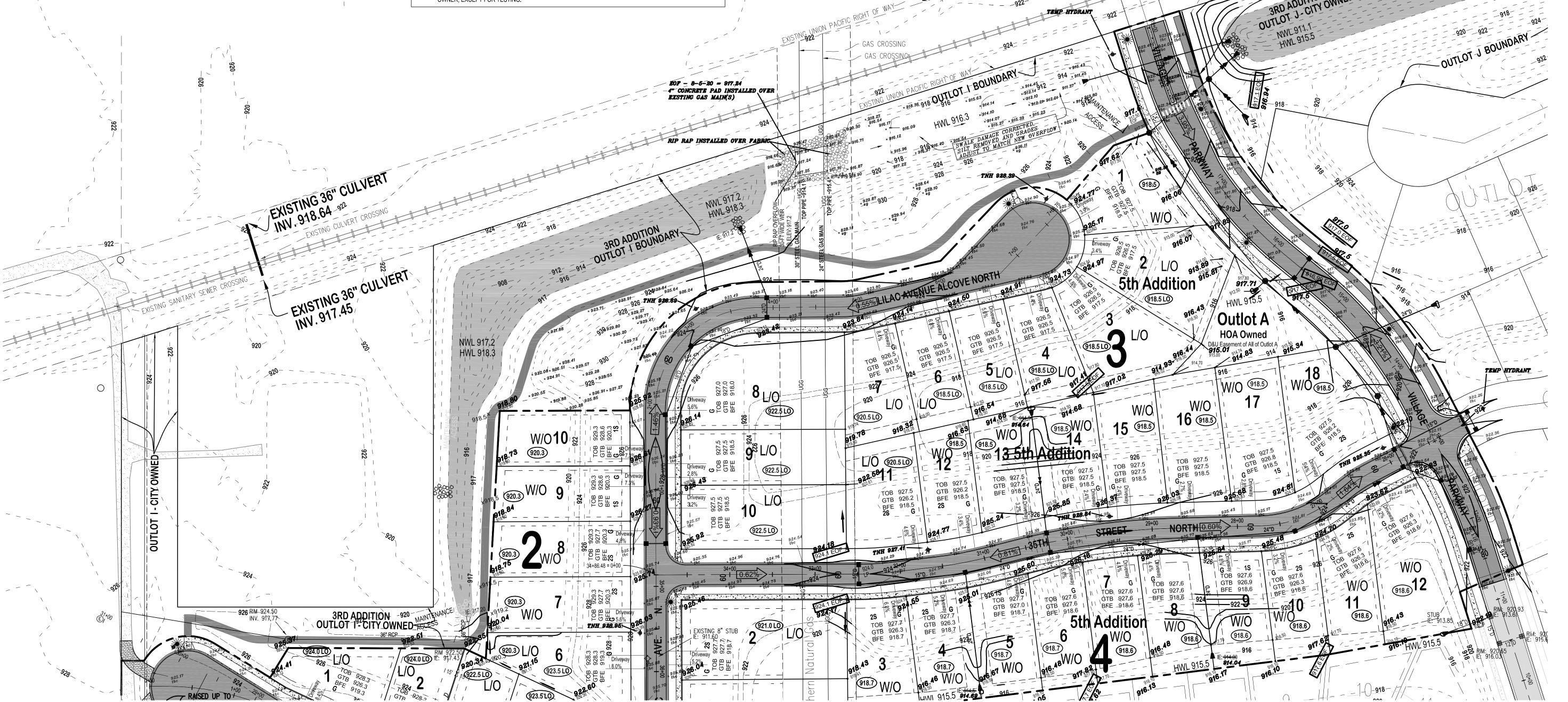




DATE	6/3/19	6/18/19	7/19/19	7/19/19	8/5/20	
REVISION DESCRIPTION	CITY REQUESTED REVISIONS	CITY REQUESTED REVISIONS	CITY REQUESTED REVISIONS	ADJUSTED FES'S	GAS MAIN OVERFLOW	
O Z		2	3	4	5	

SHEET TITLE

GRADING PLAN



GRADE OUTSIDE OF THE ROADWAY.

#### **LEGEND 5TH ADDITION BOUNDARY EXISTING 2-FT CONTOUR INTERVAL** 922.85 HIGH OR LOW POINT OF STREET PROFILE LOCATION AND ELEVATION × LP/HP HP = HIGH POINT, LP = LOW POINT, EOF = EMERGENCY OVERFLOW PROPOSED 2-FT CONTOUR INTERVAL PROPOSED DRAINAGE ARROW

PROPOSED STREET GRADE PERCENT AND DIRECTION

PROPOSED STORM SEWER, STRUCTURES AND NUMBER REF.

# PAVEMENT HOLD DOWN TABLE

0.74%

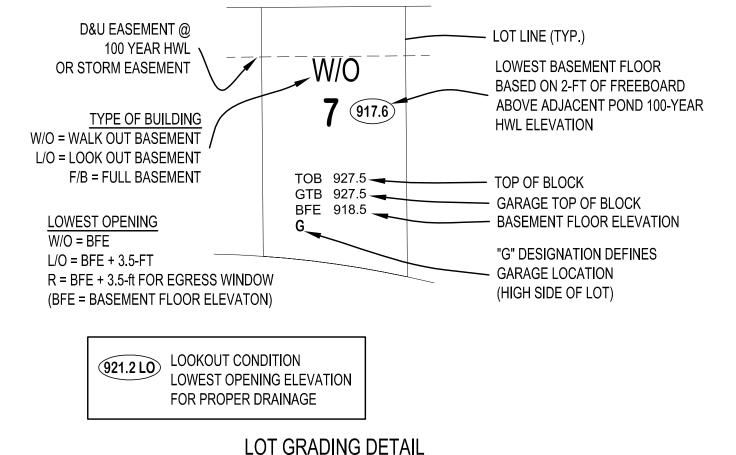
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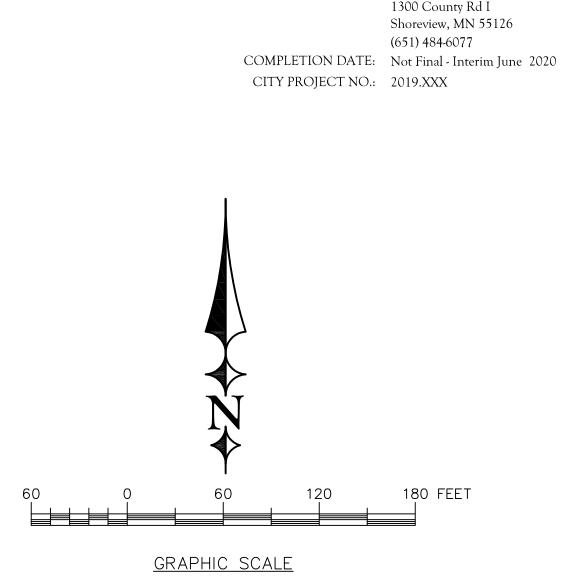
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LOT GRADING DETAIL

NOTE: SITE WAS ROUGH GRADED UNDER SEPARATE MASS GRADING PLAN. STREET GRADES ARE SHOWN AS FINAL CONTOUR GRADES. SITE IS CURRENTLY GRADED TO SUBGRADE AT ROAD BED AND FINISHED GRADE OUTSIDE OF THE ROADWAY.



SHEET NO. XXXX AS-BUILT PLAN CONTRACTOR: C.W. Houle, Inc. 1300 County Rd I

√ | AS-BUILT DOCUMENT 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. TODD A. ERICKSON, PE 40418 LICENSE NO. 07/24/2020 DATE:

ERICKSON

333 North Main Street, Suite 201

Stillwater, MinnesoTA 55082

Phone (612) 309-3804

www.ericksoncivilsite.com

OWNER REVIEW

AGENCY REVIEW

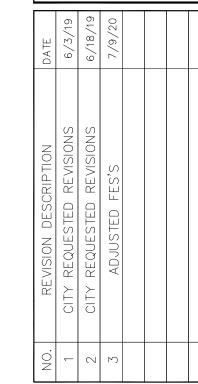
BID DOCUMENT

FOR CONSTRUCTION

DRAWING PHASE:

Civil

DEVELOPMENT DUNTY ROAD 42 WEST NSVILLE, MN 55337



JOB NO. 19-101 SHEET TITLE

GRADING PLAN

