FISH LAKE TOWNSHIP

CONSTRUCTION PLANS FOR

430TH STREET IMPROVEMENT

BITUMINOUS PAVEMENT, STORM SEWER

FEBRUARY, 2026

RESOURCE LIST

FISH LAKE TOWNSHIP

Township Hall
2170 Brunswick Rd,
Harris, MN 55032

City Administrator:
Andrea Nekowitsch

City Council Members:
Donna Ferguson (Supervisor)
Jim Thill (Vice Chair)
Bruce Fitzwater (Chair)

Treasurer:
Corey Johnson

City Engineer:
(Consultant)
Marcus Johnson P.E.
Bolton & Menk, Inc.
3507 High Point Dr N
Bldg. 1 Suite E130,
Oakdale, MN 55128

Road Superintendent:
Gary Guse

UTILITIES

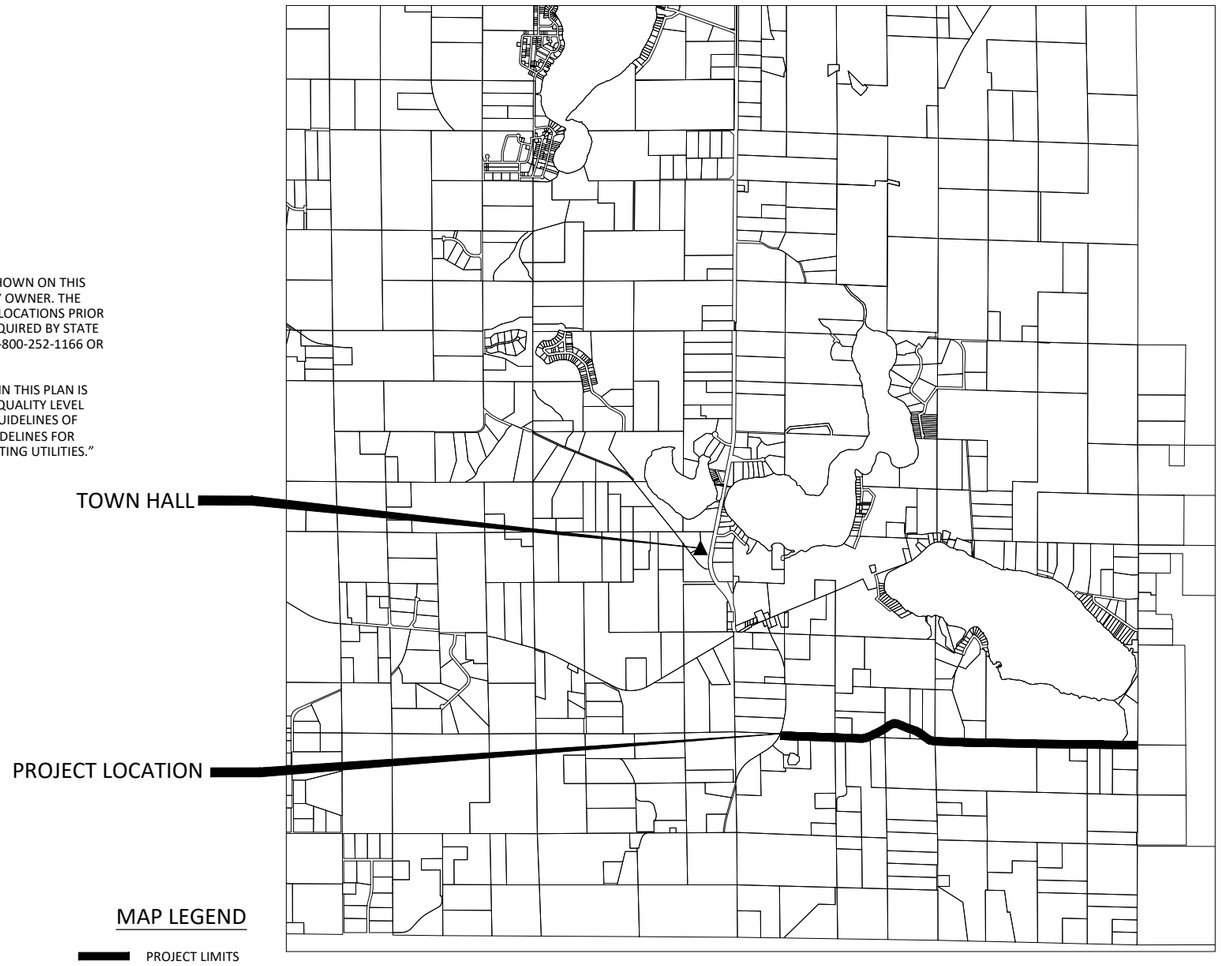
TELEPHONE
TOLL: CENTURYLINK

CABLE
LUMEN

ELECTRIC
EAST CENTRAL ENERGY

NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL, 1-800-252-1166 OR 651-454-0002.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL "D". THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-22, ENTITLED "STANDARD GUIDELINES FOR INVESTIGATING AND DOCUMENTING EXISTING UTILITIES."

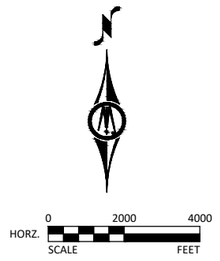


MAP LEGEND

PROJECT LIMITS

BID LOCATION

MAP OF THE
FISH LAKE TOWNSHIP
CHISAGO COUNTY, MN



0 2000 4000
HORZ. SCALE FEET

SHEET NUMBER	SHEET TITLE
GENERAL	
G0.01 - G0.02	TITLE SHEET, LEGEND
G2.01 - G2.01	LOCATION PLAN
CIVIL	
C0.01 - C0.05	EXISTING CONDITIONS & REMOVAL PLAN
C1.01 - C1.03	TYPICAL SECTIONS & DETAILS
C2.01 - C2.07	EROSION CONTROL PLAN, SWPPP
C6.01 - C6.13	STREET PLAN & PROFILE, INTERSECTION DETAILS

31 TOTAL SHEETS

Preliminary

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BM=917.66
COUNTY BM
430TH & ELMCREST
INTERSECTION (EAST SIDE)

PROJECT DATUM: CHISAGO COUNTY COORDINATES SYSTEM
HORIZONTAL: NAD 83 (1986 ADJ)
VERTICAL: NAV 88

RECORD DRAWING INFORMATION
OBSERVER:
CONTRACTOR:
DATE:

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90% PLANSET
MARCUS A. JOHNSON
LIC. NO. 60112 DATE 04/XX/2026

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138651			

FISH LAKE TOWNSHIP, MINNESOTA
430TH STREET IMPROVEMENTS
TITLE SHEET

SHEET G0.01

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EXISTING TOPOGRAPHIC SYMBOLS

- ACCESS GRATE
- AIR CONDITION UNIT
- ANTENNA
- AUTO SPRINKLER CONNECTION
- BARRICADE PERMANENT
- BASKETBALL POST
- BENCH
- BIRD FEEDER
- BOLLARD
- BUSH
- CATCH BASIN RECTANGULAR CASTING
- CATCH BASIN CIRCULAR CASTING
- CURB STOP
- CLEAN OUT
- CULVERT END
- DRINKING FOUNTAIN
- DOWN SPOUT
- ELECTRIC CAR CHARGE STATION
- FILL PIPE
- FIRE HYDRANT
- FLAG POLE
- FLARED END / APRON
- FUEL PUMP
- GRILL
- GUY WIRE ANCHOR
- HANDHOLE
- HANDICAP SPACE
- IRRIGATION SPRINKLER HEAD
- IRRIGATION VALVE BOX
- LIFT STATION CONTROL PANEL
- LIFT STATION
- LIGHT POLE
- MAILBOX
- MANHOLE-COMMUNICATION
- MANHOLE-ELECTRIC
- MANHOLE-GAS
- MANHOLE-HEAT
- MANHOLE-RECLAIMED WATER
- MANHOLE-SANITARY SEWER
- MANHOLE-STORM SEWER
- MANHOLE-UTILITY
- MANHOLE-WATER
- METER
- DRIVE-THRU MICROPHONE
- PARKING METER
- PAVEMENT MARKING
- PEDESTAL-COMMUNICATION
- PEDESTAL-ELECTRIC
- PEDESTRIAN PUSH BUTTON
- PICNIC TABLE
- POLE-UTILITY
- POST
- RAILROAD SIGNAL POLE
- REGULATION STATION GAS
- SATELLITE DISH
- SIGN TRAFFIC
- SIGNAL CONTROL CABINET
- SOIL BORING
- SIREN
- TELEPHONE BOOTH
- TILE INLET
- TILE OUTLET
- TILE RISER
- TRANSFORMER-ELECTRIC
- TREE-CONIFEROUS
- TREE-DEAD
- TREE-DECIDUOUS
- TREE STUMP
- TRAFFIC ARM BARRIER
- TRAFFIC SIGNAL
- TRASH CAN
- UTILITY MARKER
- VALVE
- VALVE POST INDICATOR
- VALVE VAULT
- VAULT
- VENT PIPE
- WATER SPIGOT
- WELL
- WETLAND DELINEATED MARKER
- WETLAND
- WET WELL
- YARD HYDRANT

PROPOSED TOPOGRAPHIC SYMBOLS

- CLEANOUT
- MANHOLE
- LIFT STATION
- STORM SEWER CIRCULAR CASTING
- STORM SEWER RECTANGULAR CASTING
- STORM SEWER FLARED END / APRON
- STORM SEWER OUTLET STRUCTURE
- STORM SEWER OVERFLOW STRUCTURE
- CURB BOX
- FIRE HYDRANT
- WATER VALVE
- WATER REDUCER
- WATER BEND
- WATER TEE
- WATER CROSS
- WATER SLEEVE
- WATER CAP / PLUG
- RIP RAP
- DRAINAGE FLOW
- TRAFFIC SIGNS

SURVEY SYMBOLS

- BENCHMARK LOCATION
- CONTROL POINT
- MONUMENT FOUND
- CAST IRON MONUMENT
- STONE MONUMENT

EXISTING TOPOGRAPHIC LINES

- RETAINING WALL
- FENCE
- FENCE-DECORATIVE
- GUARD RAIL
- TREE LINE
- BUSH LINE

SURVEY LINES

- CONTROLLED ACCESS
- BOUNDARY
- CENTERLINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- EXISTING LOT LINE
- PROPOSED LOT LINE
- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- SETBACK LINE
- SECTION LINE
- QUARTER LINE
- SIXTEENTH LINE
- TEMPORARY EASEMENT

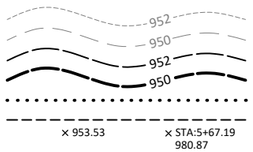
EXISTING UTILITY LINES

- FORCEMAIN
- SANITARY SEWER
- SANITARY SERVICE
- STORM SEWER
- STORM SEWER DRAIN TILE
- WATERMAIN
- WATER SERVICE
- RECLAIMED WATER

PROPOSED UTILITY LINES

- FORCEMAIN
- SANITARY SEWER
- SANITARY SERVICE
- STORM SEWER
- STORM SEWER DRAIN TILE
- WATERMAIN
- WATER SERVICE
- PIPE CASING
- TRENCHLESS PIPE (PLAN VIEW)
- TRENCHLESS PIPE (PROFILE VIEW)

GRADING INFORMATION



- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- PROPOSED CONTOUR MAJOR
- PROPOSED GRADING LIMITS / SLOPE LIMITS
- PROJECT LIMITS
- PROPOSED SPOT ELEVATION
- RISE:RUN (SLOPE)

HATCH PATTERNS

- BITUMINOUS
- GRAVEL
- CONCRETE

EXISTING PRIVATE UTILITY LINES

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- F F F F F — UNDERGROUND FIBER OPTIC
- E E E E E — UNDERGROUND ELECTRIC
- G G G G G — UNDERGROUND GAS
- C C C C C — UNDERGROUND COMMUNICATION
- OE OE OE OE OE — OVERHEAD ELECTRIC
- OC OC OC OC OC — OVERHEAD COMMUNICATION
- OU OU OU OU OU — OVERHEAD UTILITY

UTILITIES IDENTIFIED WITH A QUALITY LEVEL :

LINE TYPES FOLLOW THE FORMAT: UTILITY TYPE - QUALITY LEVEL
EXAMPLE: G-A G-A UNDERGROUND GAS, QUALITY LEVEL A
UTILITY QUALITY LEVEL (A,B,C,D) DEFINITIONS CAN BE FOUND IN CI/ASCE 38-22.

UTILITY QUALITY LEVELS:

QUALITY LEVEL D: PROVIDES THE MOST BASIC LEVEL OF INFORMATION. IT INVOLVES COLLECTING DATA FROM EXISTING UTILITY RECORDS. RECORDS MAY INCLUDE AS-BUILT DRAWINGS, DISTRIBUTION AND SERVICES MAPS, EXISTING GEOGRAPHIC INFORMATION SYSTEM DATABASES, CONSTRUCTION PLANS, ETC.

QUALITY LEVEL C: INVOLVES SURVEYING VISIBLE SUBSURFACE UTILITY STRUCTURES SUCH AS MANHOLES, HAND-HOLES, UTILITY VALVES AND METERS, FIRE HYDRANTS, PEDESTALS AND UTILITY MARKERS, AND THEN CORRELATING THE INFORMATION WITH EXISTING UTILITY RECORDS TO CREATE COMPOSITE DRAWINGS. INCLUDES QUALITY LEVEL D ACTIVITIES.

QUALITY LEVEL B: INVOLVES DESIGNATING THE HORIZONTAL POSITION OF SUBSURFACE UTILITIES THROUGH SURFACE DETECTION METHODS AND COLLECTING THE INFORMATION THROUGH A SURVEY METHOD. INCLUDES QUALITY LEVEL C AND D TASKS.

QUALITY LEVEL A: PROVIDES THE HIGHEST LEVEL OF ACCURACY. IT INVOLVES LOCATING OR POTHOLING UTILITIES AS WELL AS ACTIVITIES IN QUALITY LEVELS B, C, AND D. THE LOCATED FACILITY INFORMATION IS SURVEYED AND MAPPED AND THE DATA PROVIDES PRECISE PLAN AND PROFILE INFORMATION.

ABBREVIATIONS

A	ALGEBRAIC DIFFERENCE	GRAV	GRAVEL	RSC	RIGID STEEL CONDUIT
ADJ	ADJUST	GU	GUTTER	RT	RIGHT
ALT	ALTERNATE	GV	GATE VALVE	SAN	SANITARY SEWER
B-B	BACK TO BACK	HDPE	HIGH DENSITY POLYETHYLENE	SCH	SCHEDULE
BIT	BITUMINOUS	HH	HANDHOLE	SERV	SERVICE
BLDG	BUILDING	HP	HIGH POINT	SHLD	SHOULDER
BMP	BEST MANAGEMENT PRACTICE	HWL	HIGH WATER LEVEL	STA	STATION
BR	BEGIN RADIUS	HYD	HYDRANT	STD	STANDARD
BV	BUTTERFLY VALVE	I	INVERT	STM	STORM SEWER
CB	CATCH BASIN	K	CURVE COEFFICIENT	TC	TOP OF CURB
C&G	CURB AND GUTTER	L	LENGTH	TE	TEMPORARY EASEMENT
CIP	CAST IRON PIPE	LO	LOWEST OPENING	TEMP	TEMPORARY
CIPP	CURED-IN-PLACE PIPE	LP	LOW POINT	TNH	TOP NUT HYDRANT
CL	CENTER LINE	LT	LEFT	TP	TOP OF PIPE
CL.	CLASS	MAX	MAXIMUM	TYP	TYPICAL
CLVT	CULVERT	MH	MANHOLE	VCP	VITRIFIED CLAY PIPE
CMP	CORRUGATED METAL PIPE	MIN	MINIMUM	VERT	VERTICAL
C.O.	CHANGE ORDER	MR	MID RADIUS	VPC	VERTICAL POINT OF CURVE
COMM	COMMUNICATION	NIC	NOT IN CONTRACT	VPI	VERTICAL POINT OF INTERSECTION
CON	CONCRETE	NMC	NON-METALLIC CONDUIT	VPT	VERTICAL POINT OF TANGENT
CSP	CORRUGATED STEEL PIPE	NTS	NOT TO SCALE	WM	WATERMAIN
DIA	DIAMETER	NWL	NORMAL WATER LEVEL		
DIP	DUCTILE IRON PIPE	OHW	ORDINARY HIGH WATER LEVEL		
DWY	DRIVEWAY	PC	POINT OF CURVE	AC	ACRES
E	EXTERNAL CURVE DISTANCE	PCC	POINT OF COMPOUND CURVE	CF	CUBIC FEET
ELEC	ELECTRIC	PE	PERMANENT EASEMENT	CV	COMPACTED VOLUME
ELEV	ELEVATION	PED	PEDESTRIAN, PEDESTAL	CY	CUBIC YARD
EOF	EMERGENCY OVERFLOW	PERF	PERFORATED PIPE	EA	EACH
ER	END RADIUS	PERM	PERMANENT	EV	EXCAVATED VOLUME
ESMT	EASEMENT	PI	POINT OF INTERSECTION	LB	POUND
EX	EXISTING	PL	PROPERTY LINE	LF	LINEAR FEET
FES	FLARED END SECTION	PRC	POINT OF REVERSE CURVE	LS	LUMP SUM
F-F	FACE TO FACE	PT	POINT OF TANGENT	LV	LOOSE VOLUME
FF	FINISHED FLOOR	PVC	POLYVINYL CHLORIDE PIPE	SF	SQUARE FEET
F&I	FURNISH AND INSTALL	PVMT	PAVEMENT	SV	STOCKPILE VOLUME
FM	FORCEMAIN	R	RADIUS	SY	SQUARE YARD
FO	FIBER OPTIC	R/W	RIGHT-OF-WAY		
F.O.	FIELD ORDER	RCP	REINFORCED CONCRETE PIPE		
GRAN	GRANULAR	RET	RETAINING		

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90% PLANSET

MARCUS A. JOHNSON
LIC. NO. 60112 DATE 04/XX/2026

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FISH LAKE TOWNSHIP, MINNESOTA
430TH STREET IMPROVEMENTS
LEGEND

SHEET
G0.02

CHAD CT
CEDARCREST TRL
CEDARCREST CT
MAPLE LN
DEERWOOD TRL
COUNTY ROAD 63
440TH ST
STARK RD
STARK RD
CROWN DR
437TH ST
COUNTY ROAD 10
2805
2886
433RD ST
2900
DECKER AVE
ELMCREST AVE
COUNTY ROAD 8
BLACKHAWK RD
43100
2735
3796
3164
3256
43004
2840
430TH ST
3430
3488
430TH ST
42812
42996
42895
4005
4073
4125
4225
42905
42941
42958
3725
DAISY AVE
DAYTON AVE
DIAMOND AVE
42775
CEDARCREST TRL
42790
42664
42715
42692
42715
42635

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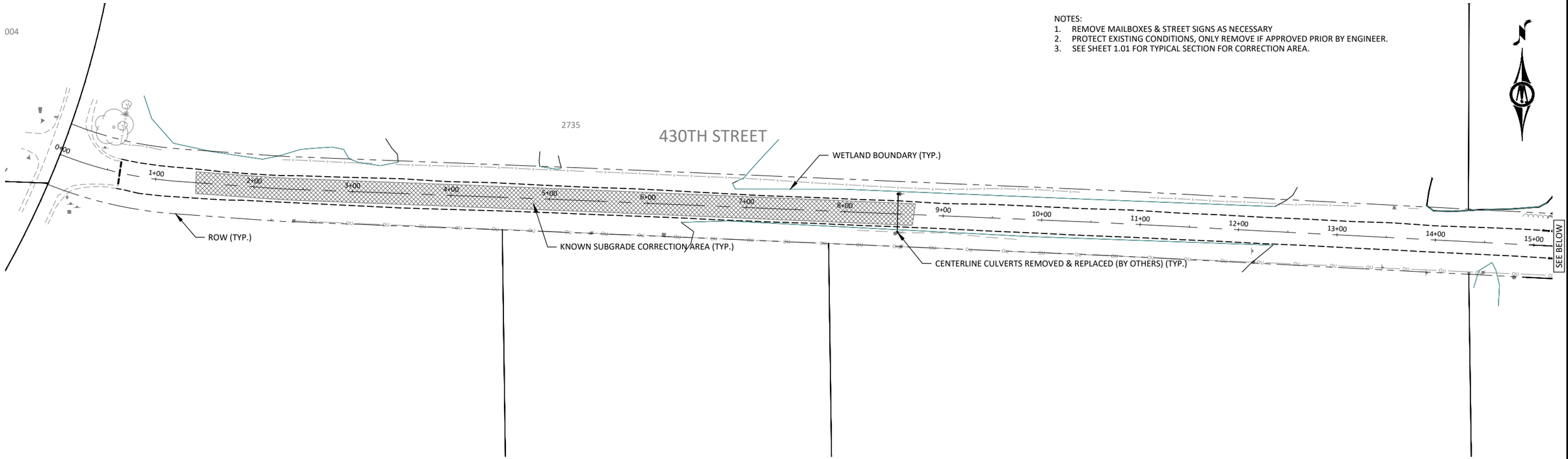
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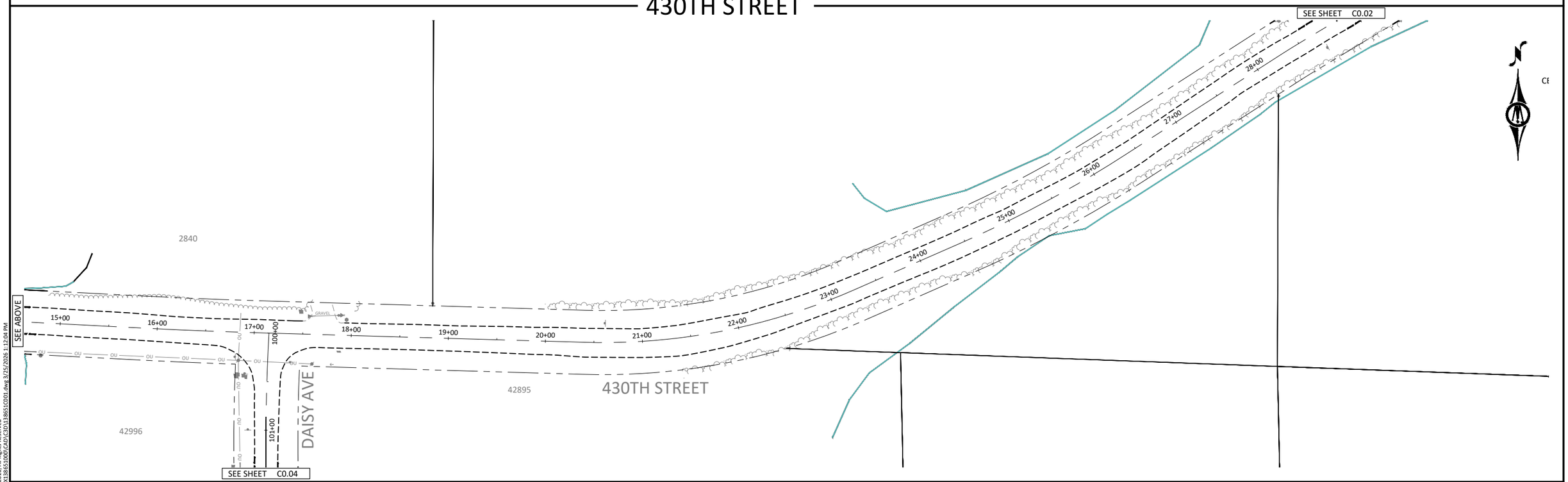
FISH LAKE TOWNSHIP, MINNESOTA
430TH STREET IMPROVEMENTS
LOCATION PLAN

SHEET G2.01

NOTES:
1. REMOVE MAILBOXES & STREET SIGNS AS NECESSARY
2. PROTECT EXISTING CONDITIONS, ONLY REMOVE IF APPROVED PRIOR BY ENGINEER.
3. SEE SHEET 1.01 FOR TYPICAL SECTION FOR CORRECTION AREA.



430TH STREET



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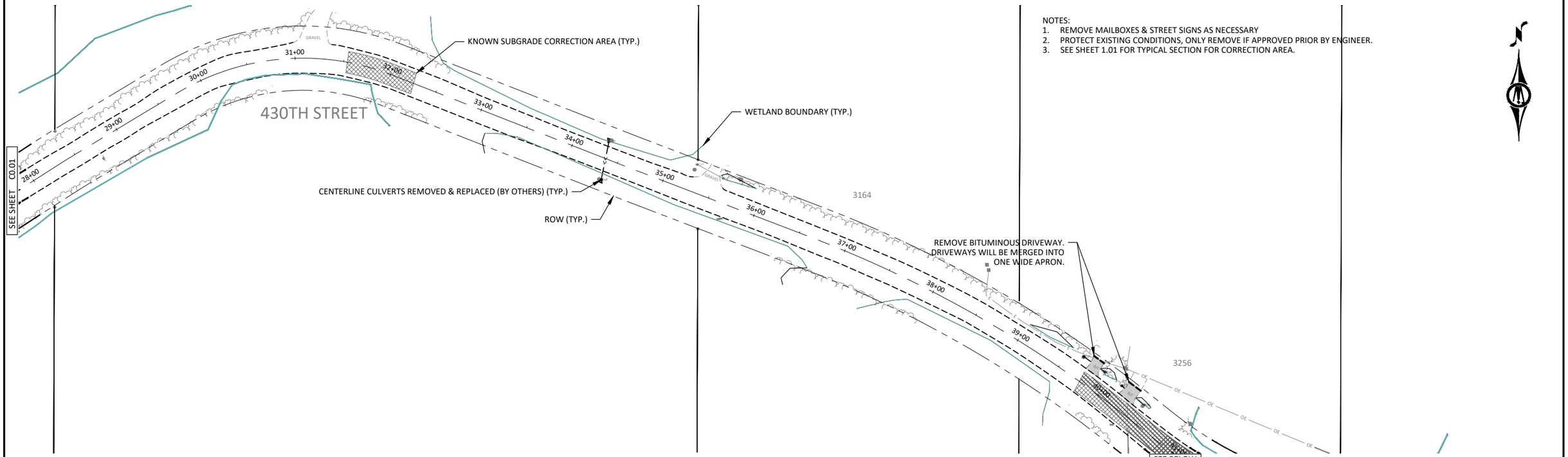
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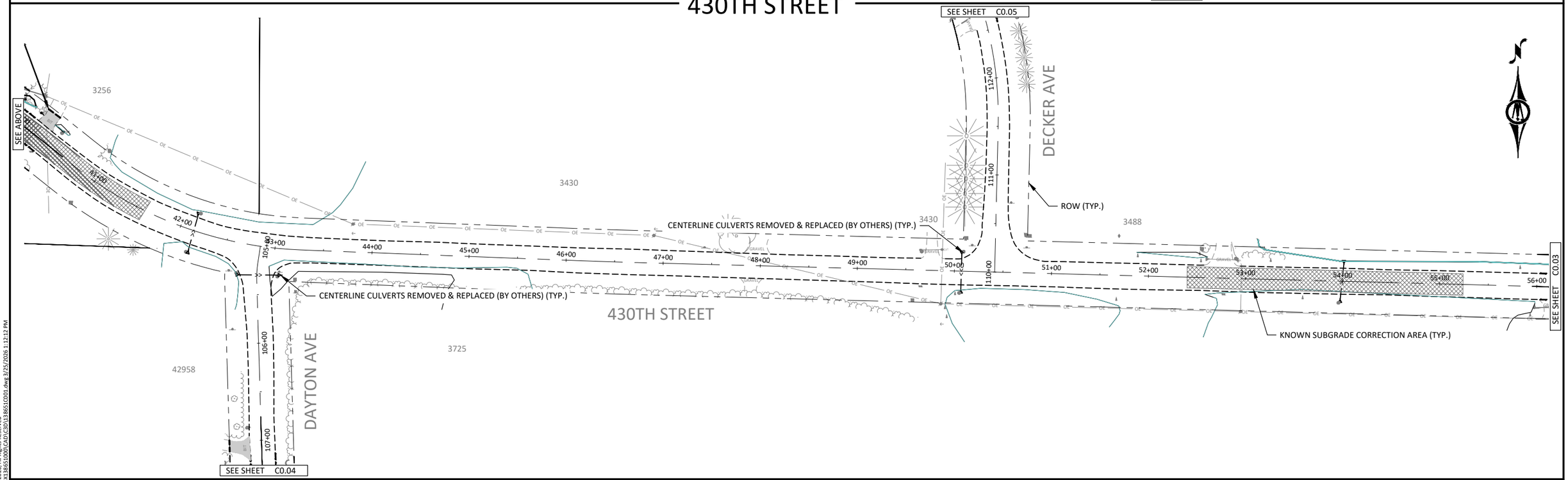
FISH LAKE TOWNSHIP, MINNESOTA
430TH STREET IMPROVEMENTS
EXISTING CONDITIONS & REMOVALS

SHEET C0.01

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430TH STREET



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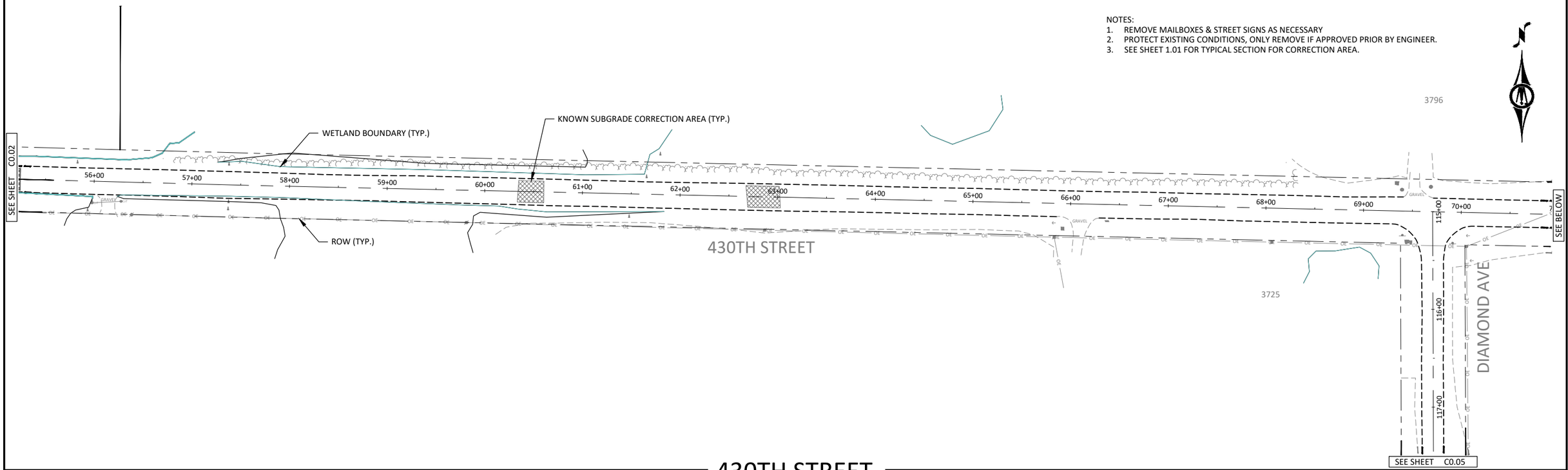
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430TH STREET IMPROVEMENTS
EXISTING CONDITIONS & REMOVALS

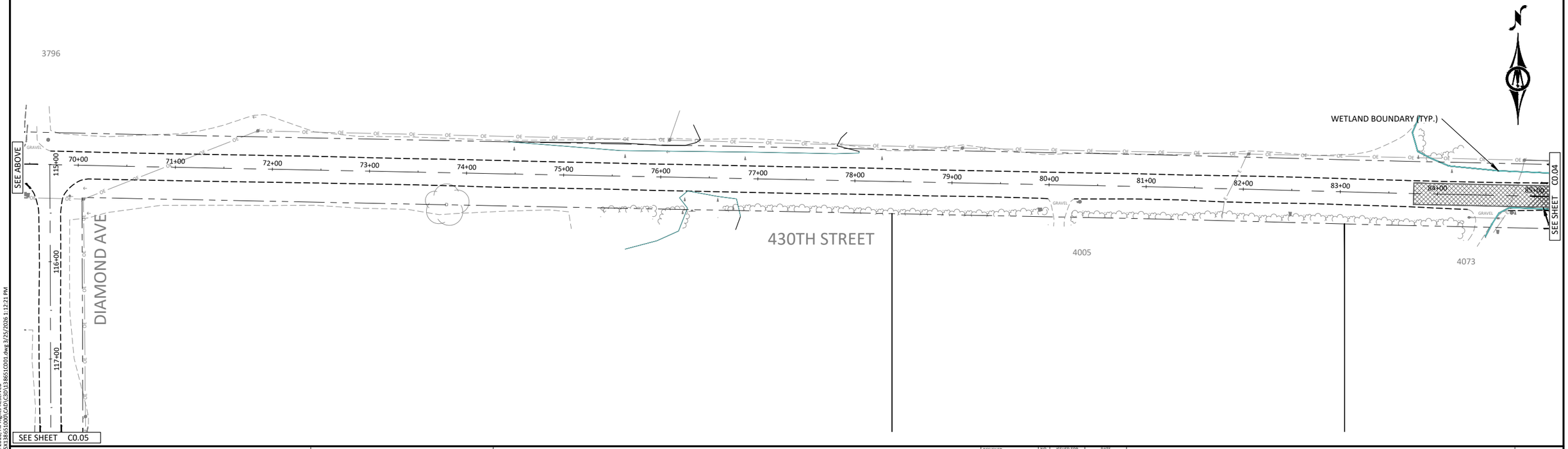
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430TH STREET



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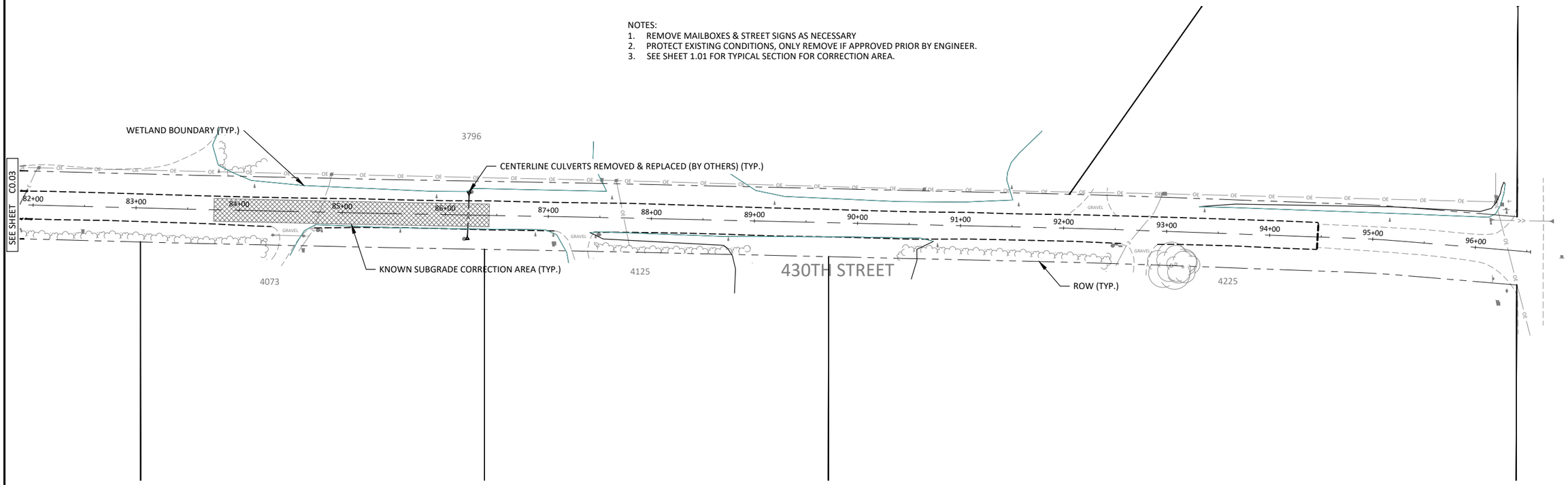
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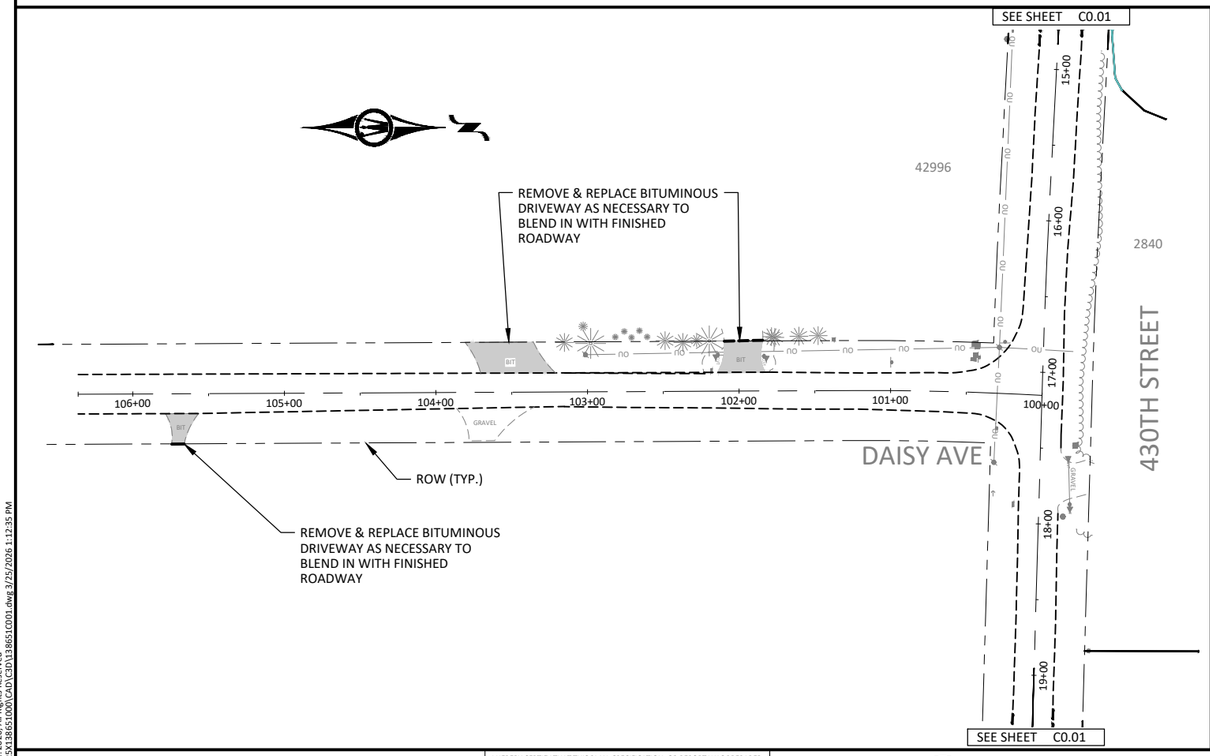
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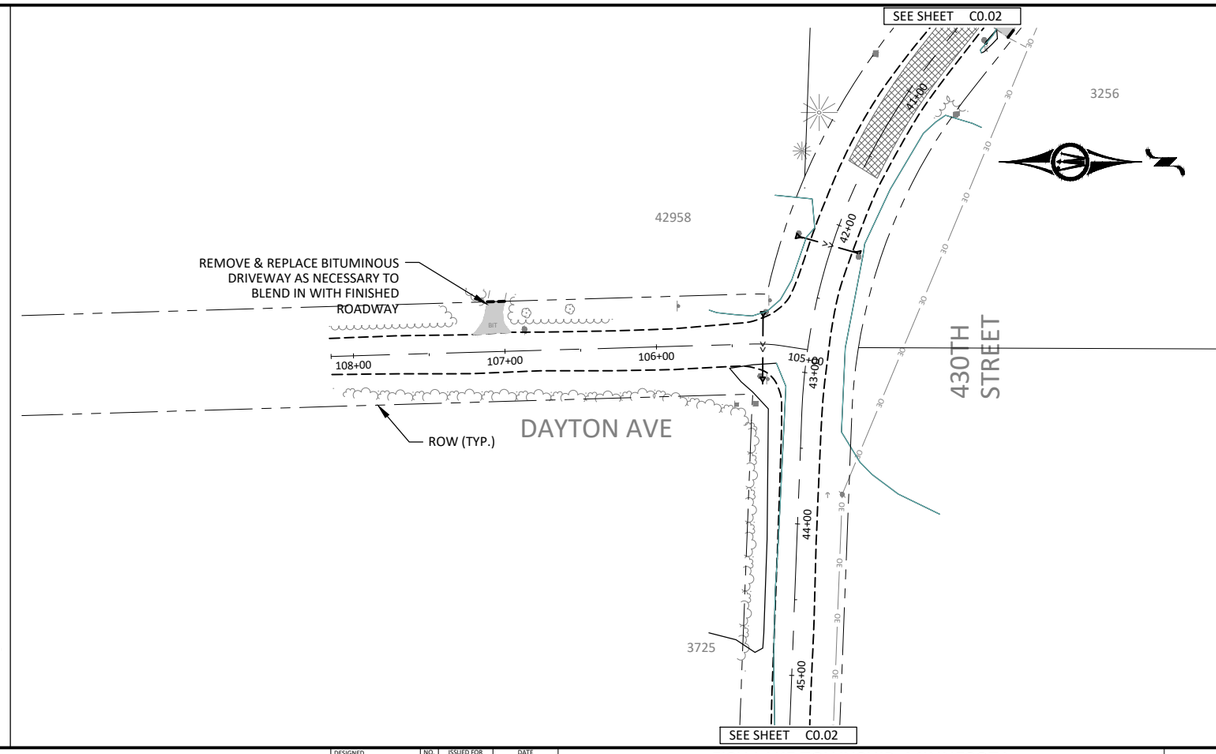
FISH LAKE TOWNSHIP, MINNESOTA
430TH STREET IMPROVEMENTS
EXISTING CONDITIONS & REMOVALS

SHEET C0.03

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1. REMOVE MAILBOXES & STREET SIGNS AS NECESSARY
2. PROTECT EXISTING CONDITIONS, ONLY REMOVE IF APPROVED PRIOR BY ENGINEER.
3. SEE SHEET 1.01 FOR TYPICAL SECTION FOR CORRECTION AREA.







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MARCUS A. JOHNSON
LIC. NO. 60112 DATE 04/XX/2026

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OAKDALE, MN 55128
Phone: (651) 704-9970
Email: Oakdale@bolton-menk.com
www.bolton-menk.com

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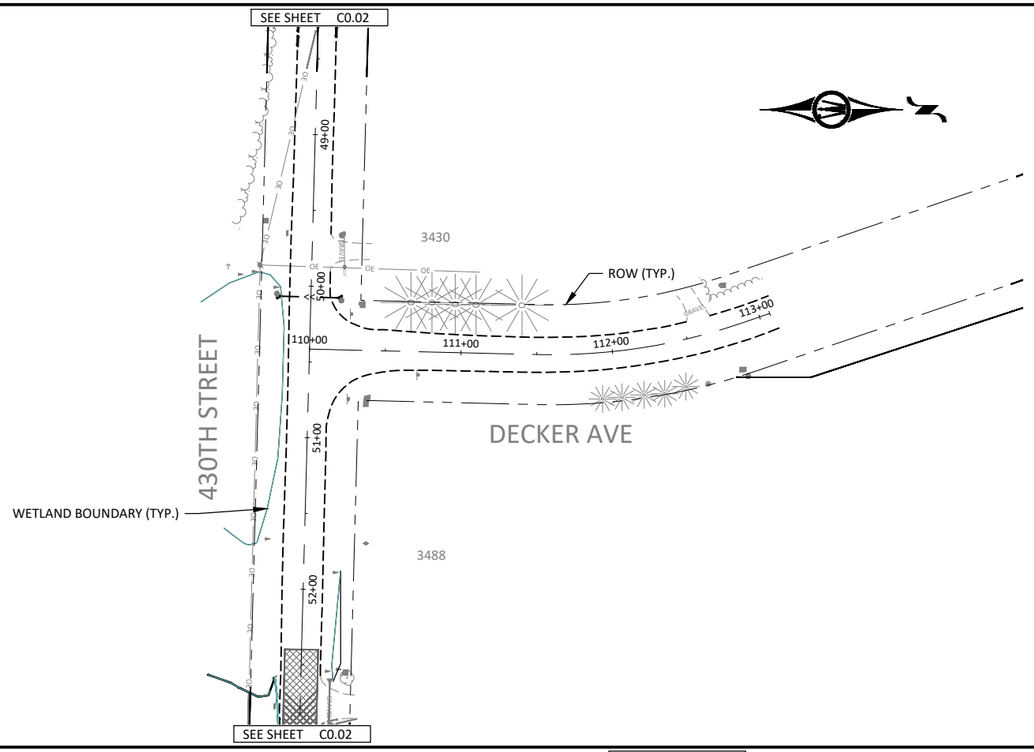
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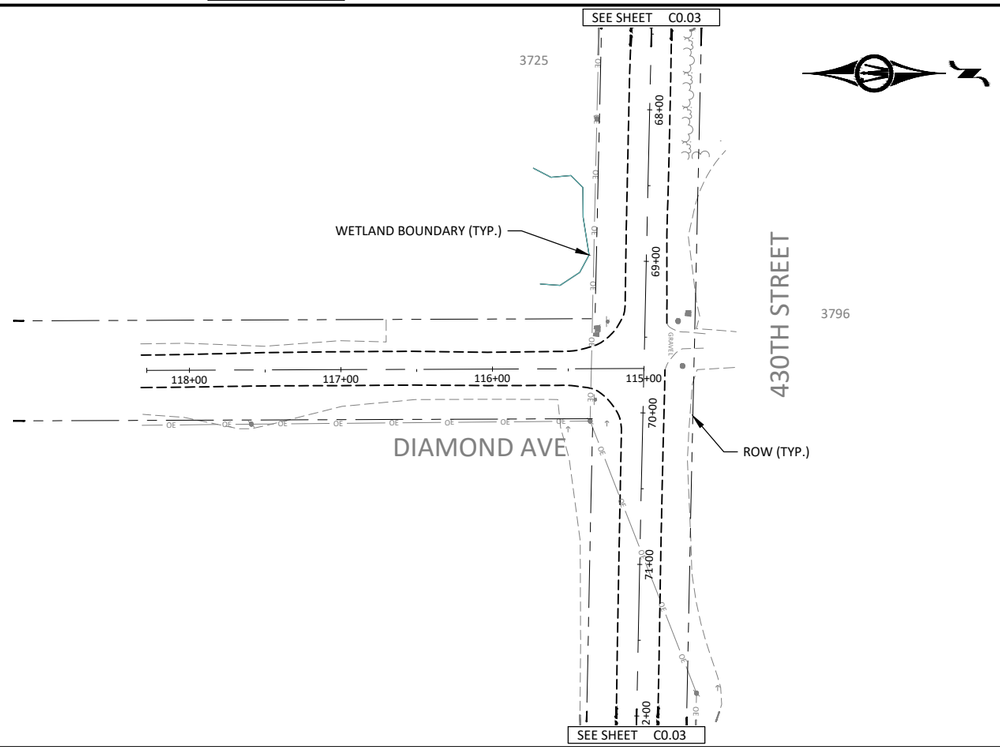
FISH LAKE TOWNSHIP, MINNESOTA
430TH STREET IMPROVEMENTS
EXISTING CONDITIONS & REMOVALS

SHEET C0.04

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NOTES:
1. REMOVE MAILBOXES & STREET SIGNS AS NECESSARY
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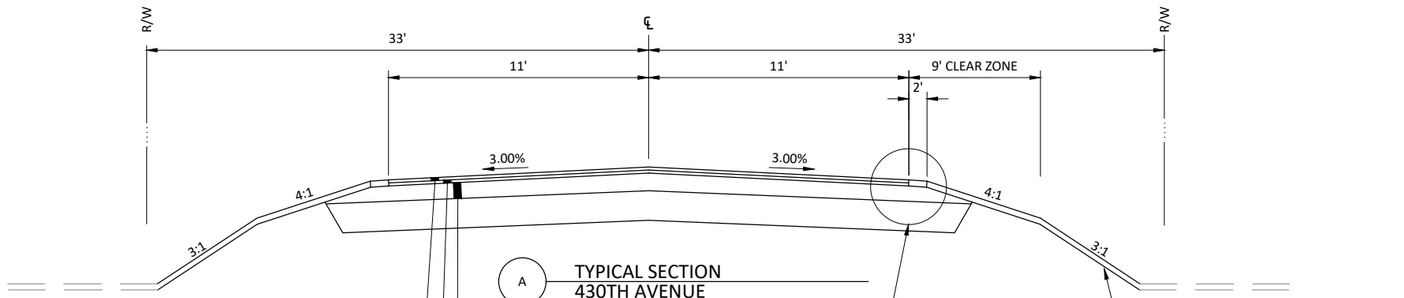
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FISH LAKE TOWNSHIP, MINNESOTA
430TH STREET IMPROVEMENTS
EXISTING CONDITIONS & REMOVALS

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A — TYPICAL SECTION
430TH AVENUE

NOT TO SCALE

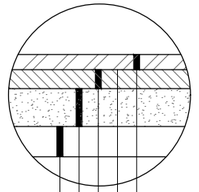
1.5" TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,C) [SPWEA330C]

2.5" TYPE SP 12.5 BITUMINOUS NON-WEARING COURSE MIXTURE (2,C) [SPNWB330C]

4"-6" CLASS 5 AGGREGATE BASE (6" ESTIMATED EXISTING GRAVEL BASE)

CONSTRUCT 2' WIDE AGGREGATE SHOULDER (3.5" THICK WITH CLASS 1 MILLINGS). RESTORE SHOULDER WITH 4" (MIN) TOPSOIL BORROW, SEED, AND EROSION CONTROL BLANKET AS DIRECTED BY ENGINEER. CONSTRUCT 2' WIDE BITUMINOUS BUMPOUT AT GRAVEL DRIVEWAYS AND MAILBOXES AS DIRECTED BY THE ENGINEER (TYP.).

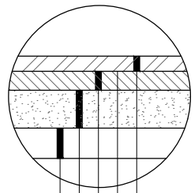
AFTER CLEAR ZONE SWITCH TO 3:1 SLOPING ONLY IN WETLAND AREAS TO MINIMIZE GRADING WITHIN WETLANDS



1.5" TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,C) [SPWEA330C]
BITUMINOUS TACK COAT (2357)
2.5" TYPE SP 12.5 BITUMINOUS NON-WEARING COURSE MIXTURE (2,C) [SPNWB330C]
6" AGGREGATE BASE, CL 5 (2211)
18" SUBGRADE EXCAVATION
REPLACED WITH 18" SELECT GRANULAR AND GEOTECTILE FABRIC -TYPE 5 (WOVEN)

B — COMMON/SUBGRADE EXCAVATION SECTION

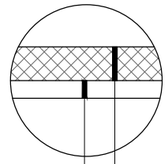
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1.5" TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,C) [SPWEA230C]
BITUMINOUS TACK COAT (2357)
1.5" TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,C) [SPWEA230C]
6" AGGREGATE BASE, CL 5 (2211)
SUBGRADE PREPARATION (2112) (INCIDENTAL)

C — BITUMINOUS DRIVEWAY

NOT TO SCALE



6" AGGREGATE SURFACING CLASS 1
SUBGRADE PREPARATION (2112) (INCIDENTAL)

D — GRAVEL DRIVEWAY

NOT TO SCALE

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90% PLANSET

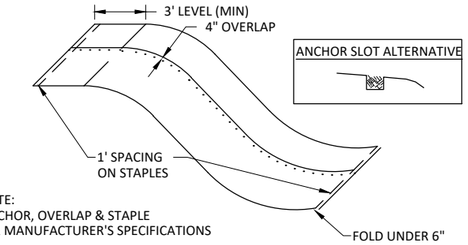
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FISH LAKE TOWNSHIP, MINNESOTA
430TH STREET IMPROVEMENTS
TYPICAL SECTIONS

SHEET
C1.01



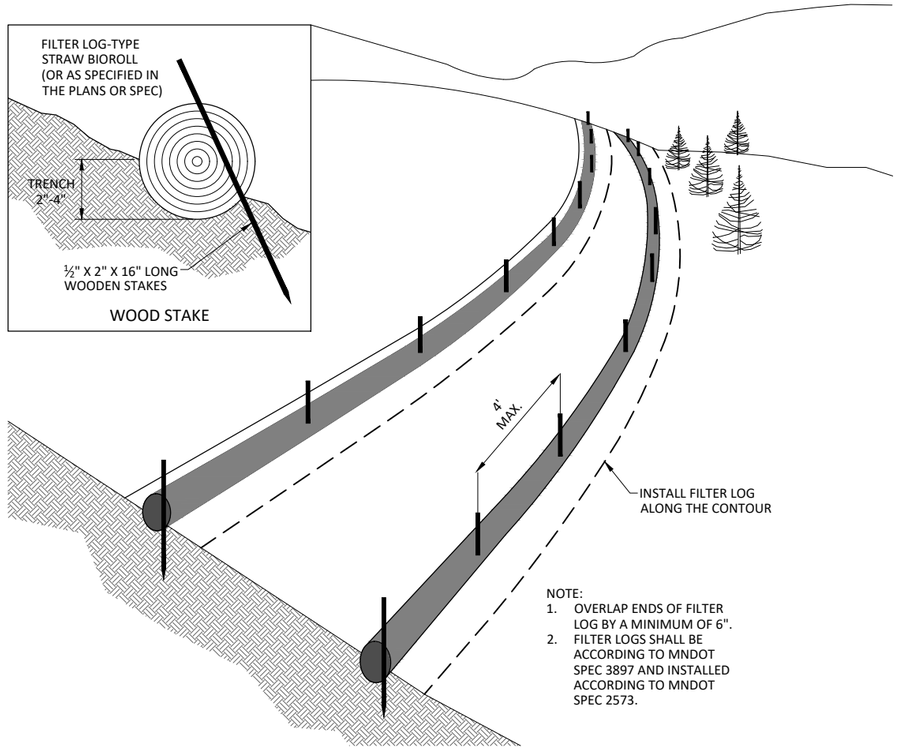
NOTE:
ANCHOR, OVERLAP & STAPLE
PER MANUFACTURER'S SPECIFICATIONS

BOLTON & MENK

EROSION CONTROL
BLANKET INSTALLATION
NOT TO SCALE

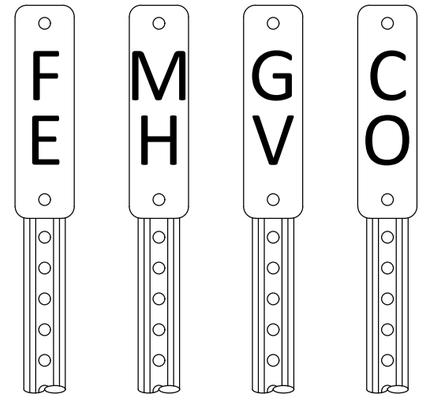
LAST REVISION: 04-2021

PLATE NO. 3-200



NOTE:
1. OVERLAP ENDS OF FILTER LOG BY A MINIMUM OF 6".
2. FILTER LOGS SHALL BE ACCORDING TO MNDOT SPEC 3897 AND INSTALLED ACCORDING TO MNDOT SPEC 2573.

PERIMETER PROTECTION-FILTER LOG
NOT TO SCALE



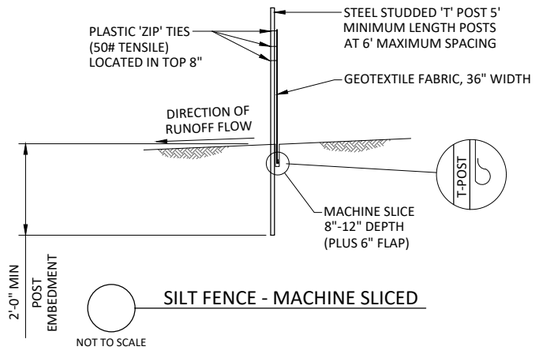
NOTES:
1. 0.063" THICK ALUMINUM SIGN. BLACK LETTERS ON WHITE HIGH INTENSITY REFLECTORIZED BACKGROUND.
2. U-CHANNEL POST, MINIMUM 3 LB/FT 6'-6" LONG, PAINTED GREEN.
3. PLACED AS DIRECTED BY ENGINEER.

BOLTON & MENK

STRUCTURE MARKER SIGNS
NOT TO SCALE

LAST REVISION: 04-2021

PLATE NO. 8-111



SILT FENCE - MACHINE SLICED
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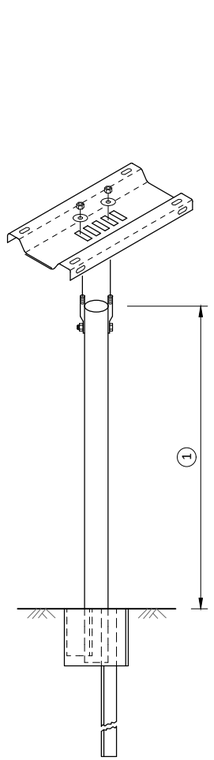
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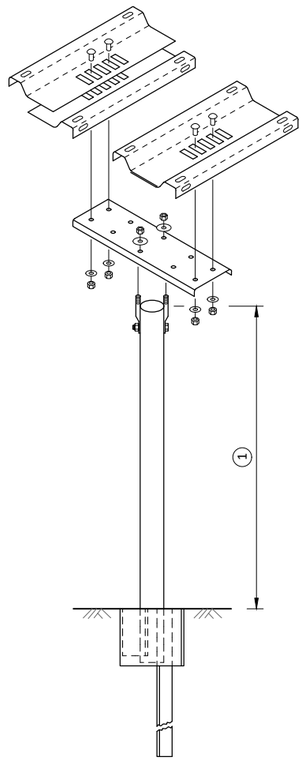
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138651			

FISH LAKE TOWNSHIP, MINNESOTA
430TH STREET IMPROVEMENTS
DETAILS

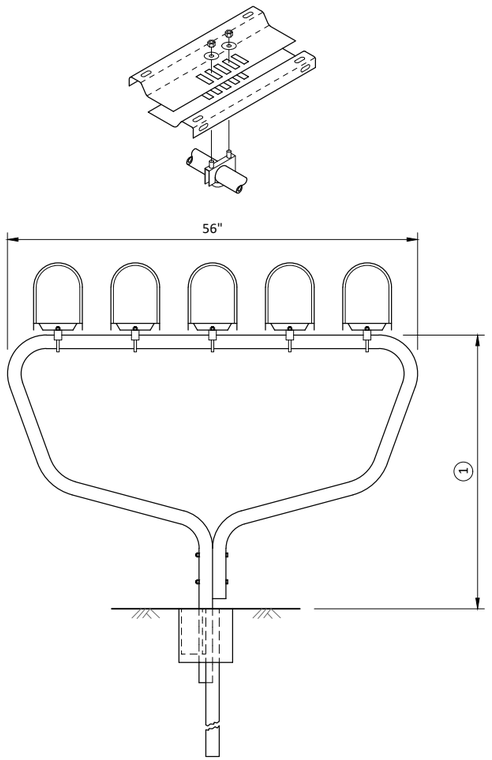
SHEET C1.02



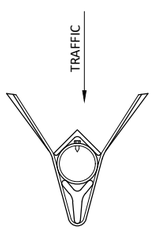
SINGLE MAILBOX SUPPORT



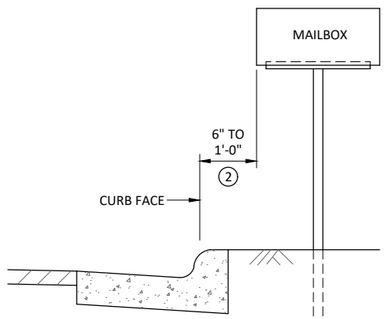
DOUBLE MAILBOX SUPPORT



MULTIPLE MAILBOX SUPPORT



POST ANCHORAGE DEVICE



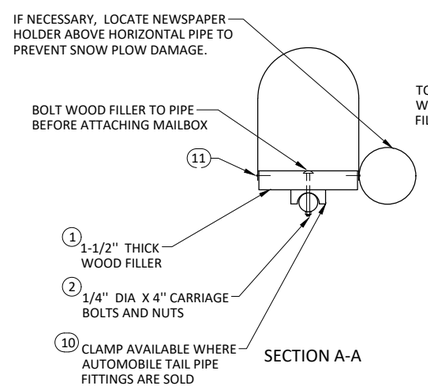
LOCATION OF MAILBOX POST

NOTES:
THIS IS A PATENTED PRODUCT.
SEE SPEC 1703.
FOR MORE INFORMATION, CONTACT FORESIGHT PRODUCTS INC.
PHONE: 800-325-5360

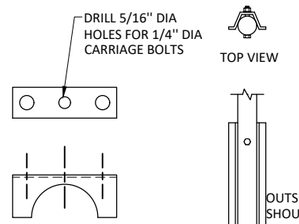
USE THIS SUPPORT IF FOUR OR MORE MAILBOXES ARE LOCATED IN ONE AREA.

(1) POSTAL SERVICE REGULATIONS WILL DETERMINE THE HEIGHT.

(2) FOR RURAL LOCATIONS, THE FACE OF THE BOX SHALL BE 8" TO 12" FROM THE EDGE OF THE TURNOUT OR USABLE SHOULDER.



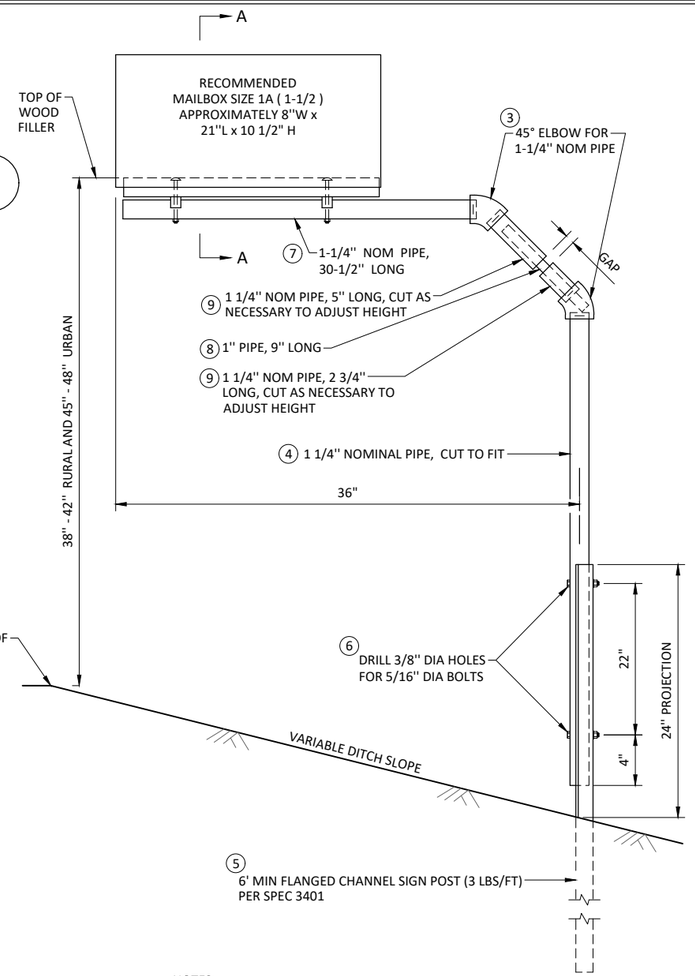
SECTION A-A



TAIL PIPE CLAMP DETAIL

ROADWAY VIEW

PIPE/POST CONNECTION



LIST OF MATERIALS FOR CONTRACTORS

ITEM NO.	NUMBER REQUIRED	DESCRIPTION
1	1	1 1/2" THICK WOOD FILLER CUT TO FIT SNUG UNDER MAIL BOX
2	2	1/4" DIA x 4" LONG CARRIAGE BOLTS & NUTS
3	2	45° ELBOW FOR 1 1/4" NOMINAL PIPE
4	1	1 1/4" NOMINAL PIPE, CUT TO FIT
5	1	6 FT MIN SIGN POST (3 LBS/FT)
6	2	5/16" DIA BOLT, NUT & LOCK WASHER
7	1	1 1/4" NOMINAL PIPE, 30 1/2" LONG
8	1	1" PIPE, 9" LONG
9	1	1 1/4" NOMINAL PIPE, 5" LONG 1 1/4" NOMINAL PIPE, 2 3/4" LONG
10	2	1 1/2" TAIL PIPE CLAMP
11	9	No. 10 x 1" SHEET METAL SCREWS

NOTES:
ALL PIPE AND PIPE FITTINGS SHALL CONFORM TO SPEC 3362

ALL FASTENERS SHALL CONFORM TO SPEC 3391

ALL MATERIALS SHALL BE GALVANIZED PER SPEC 3392

MAILBOX LOCATIONS SHOULD BE STAKED BEFORE INSTALLATION FOR PROPER HEIGHT AND DISTANCE FROM THE ROADWAY. ONCE STAKED, THE INSTALLER MUST NOTIFY THE ENGINEER AND THE POST OFFICE. THE ENGINEER AND POSTMASTER/MAILCARRIER WILL BE ALLOWED 48 HOURS TO REVIEW AND MODIFY THE STAKED LOCATIONS PRIOR TO FINAL INSTALLATION.

OTHER MnDOT APPROVED MAILBOX SUPPORTS MAY BE USED. THESE INCLUDE THE DESIGNS DEVELOPED BY MARSHALL COUNTY, THE ROCHESTER MnDOT DISTRICT, FRIEND INNOVATIONS AND MINNCOR INDUSTRIES.

DESIGN MODIFICATIONS TO PREVIOUSLY APPROVED SUPPORTS SHALL BE DOCUMENTED AND SENT TO THE DESIGN STANDARDS ENGINEER, OFFICE OF TECHNICAL SUPPORT.

THE MAILBOX TO BE 8 INCHES TO 12 INCHES OUTSIDE THE EDGE OF SHOULDER OR 6 INCHES TO 12 INCHES FROM FACE OF CURB.

NO MORE THAN THREE MAILBOXES SPACED 30" CENTER TO CENTER ARE TO BE USED IN ONE LOCATION.

BOLTON & MENK

APPROVED PROPRIETARY MAILBOX SUPPORTS

MECHANICAL TUBING

MAILBOX SUPPORT

STEEL PIPE WITH FITTINGS AND STEEL FENCE POST

LAST REVISION: 04-2021

PLATE NO. 9-302

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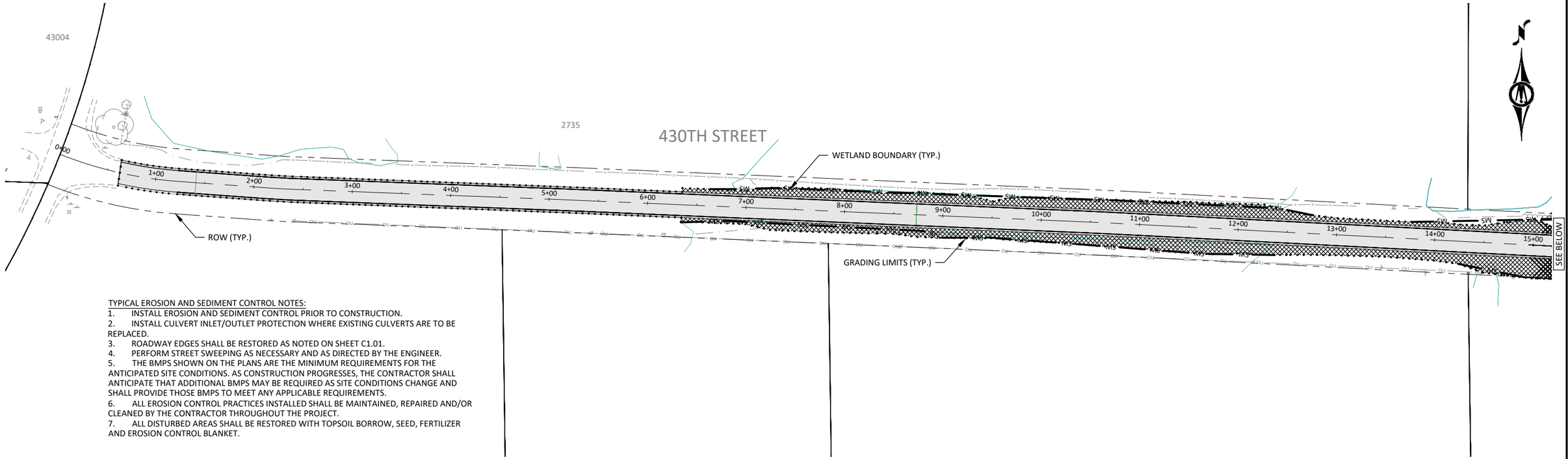
FISH LAKE TOWNSHIP, MINNESOTA

430TH STREET IMPROVEMENTS

DETAILS

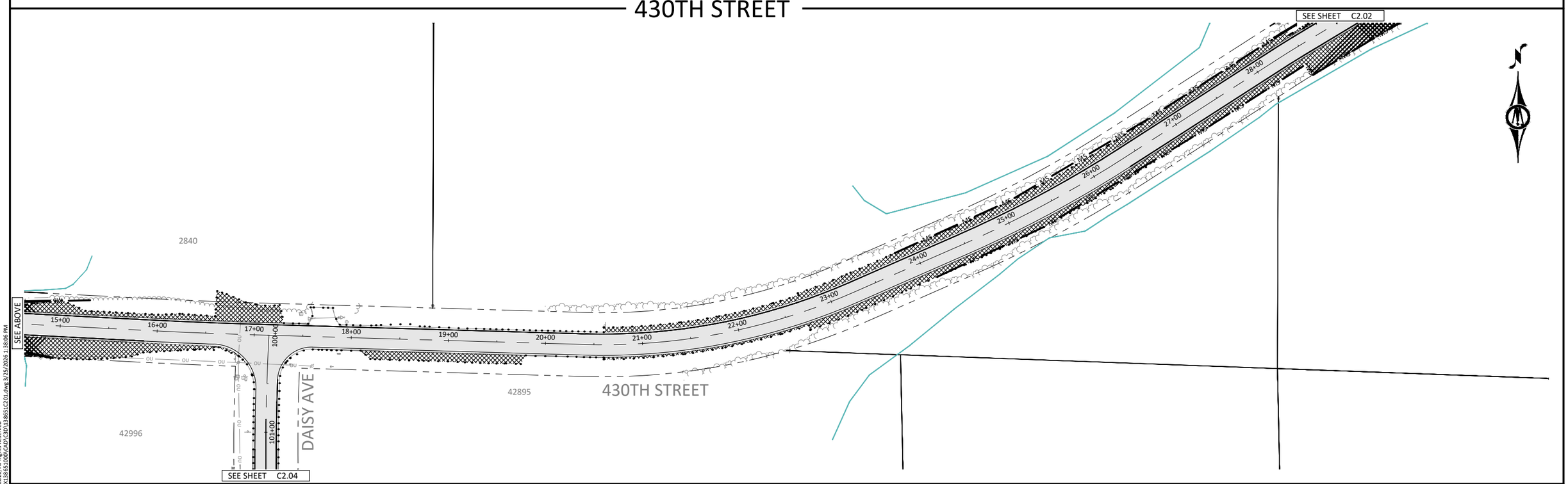
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TYPICAL EROSION AND SEDIMENT CONTROL NOTES:

1. INSTALL EROSION AND SEDIMENT CONTROL PRIOR TO CONSTRUCTION.
2. INSTALL CULVERT INLET/OUTLET PROTECTION WHERE EXISTING CULVERTS ARE TO BE REPLACED.
3. ROADWAY EDGES SHALL BE RESTORED AS NOTED ON SHEET C1.01.
4. PERFORM STREET SWEEPING AS NECESSARY AND AS DIRECTED BY THE ENGINEER.
5. THE BMPS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES, THE CONTRACTOR SHALL ANTICIPATE THAT ADDITIONAL BMPS MAY BE REQUIRED AS SITE CONDITIONS CHANGE AND SHALL PROVIDE THOSE BMPS TO MEET ANY APPLICABLE REQUIREMENTS.
6. ALL EROSION CONTROL PRACTICES INSTALLED SHALL BE MAINTAINED, REPAIRED AND/OR CLEANED BY THE CONTRACTOR THROUGHOUT THE PROJECT.
7. ALL DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL BORROW, SEED, FERTILIZER AND EROSION CONTROL BLANKET.



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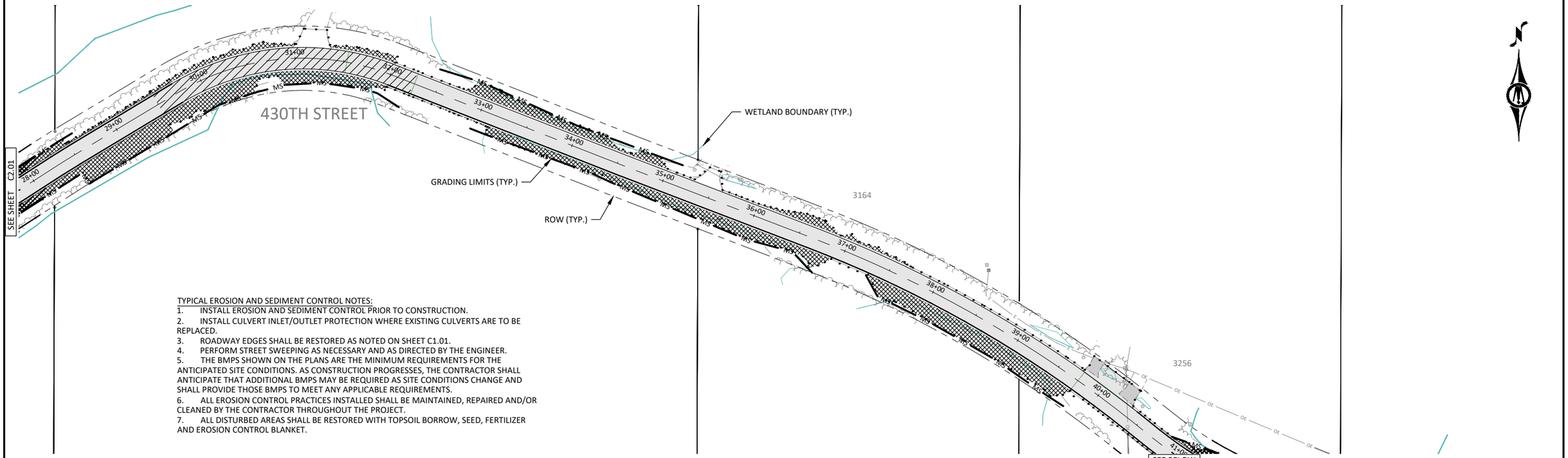
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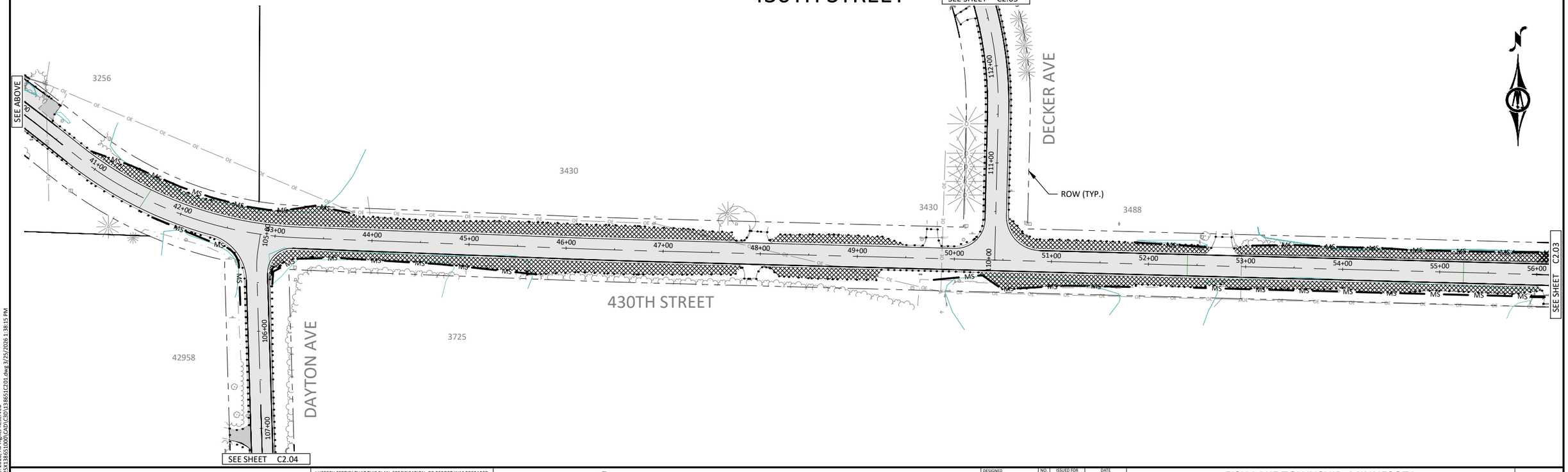
FISH LAKE TOWNSHIP, MINNESOTA
430TH STREET IMPROVEMENTS
EROSION CONTROL & TURF ESTABLISHMENT

SHEET C2.01



TYPICAL EROSION AND SEDIMENT CONTROL NOTES:

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2. INSTALL CULVERT INLET/OUTLET PROTECTION WHERE EXISTING CULVERTS ARE TO BE REPLACED.
3. ROADWAY EDGES SHALL BE RESTORED AS NOTED ON SHEET C1.01.
4. PERFORM STREET SWEEPING AS NECESSARY AND AS DIRECTED BY THE ENGINEER.
5. THE BMPS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES, THE CONTRACTOR SHALL ANTICIPATE THAT ADDITIONAL BMPS MAY BE REQUIRED AS SITE CONDITIONS CHANGE AND SHALL PROVIDE THOSE BMPS TO MEET ANY APPLICABLE REQUIREMENTS.
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7. ALL DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL BORROW, SEED, FERTILIZER AND EROSION CONTROL BLANKET.



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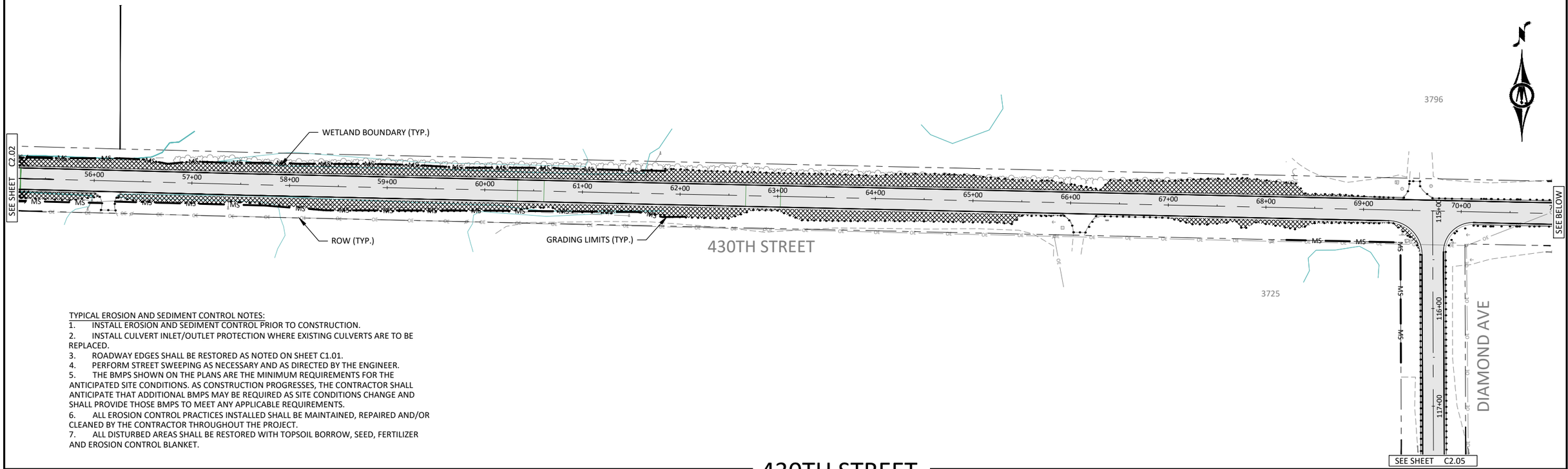
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430TH STREET IMPROVEMENTS
EROSION CONTROL & TURF ESTABLISHMENT

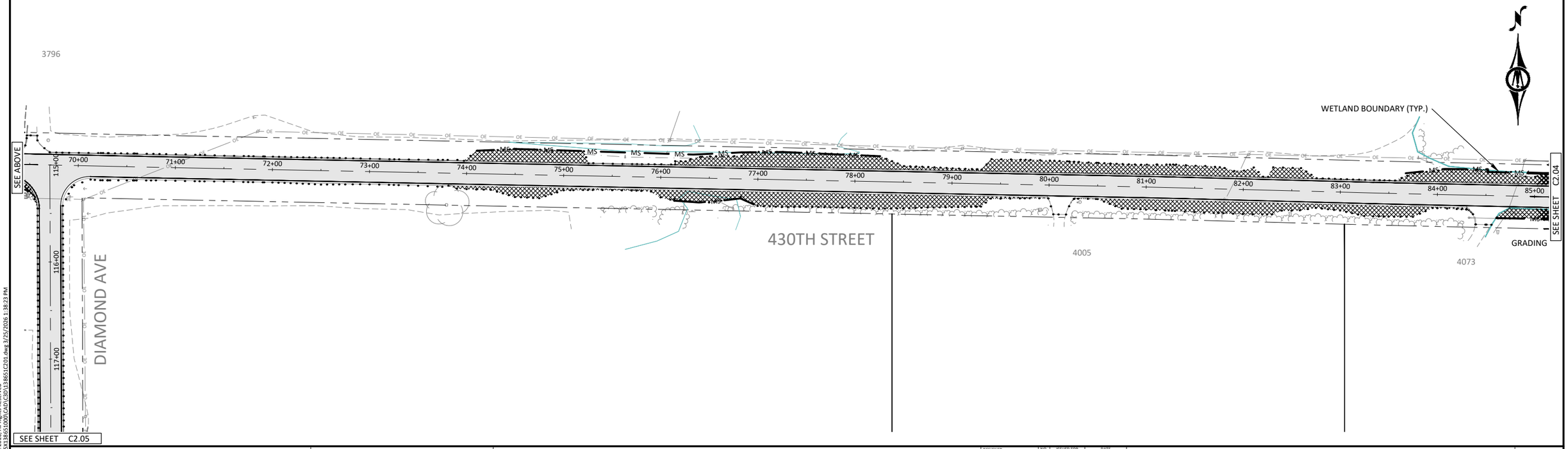
SHEET C2.02



TYPICAL EROSION AND SEDIMENT CONTROL NOTES:

1. INSTALL EROSION AND SEDIMENT CONTROL PRIOR TO CONSTRUCTION.
2. INSTALL CULVERT INLET/OUTLET PROTECTION WHERE EXISTING CULVERTS ARE TO BE REPLACED.
3. ROADWAY EDGES SHALL BE RESTORED AS NOTED ON SHEET C1.01.
4. PERFORM STREET SWEEPING AS NECESSARY AND AS DIRECTED BY THE ENGINEER.
5. THE BMPS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES, THE CONTRACTOR SHALL ANTICIPATE THAT ADDITIONAL BMPS MAY BE REQUIRED AS SITE CONDITIONS CHANGE AND SHALL PROVIDE THOSE BMPS TO MEET ANY APPLICABLE REQUIREMENTS.
6. ALL EROSION CONTROL PRACTICES INSTALLED SHALL BE MAINTAINED, REPAIRED AND/OR CLEANED BY THE CONTRACTOR THROUGHOUT THE PROJECT.
7. ALL DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL BORROW, SEED, FERTILIZER AND EROSION CONTROL BLANKET.

430TH STREET



HORZ. SCALE 0 50 100 FEET

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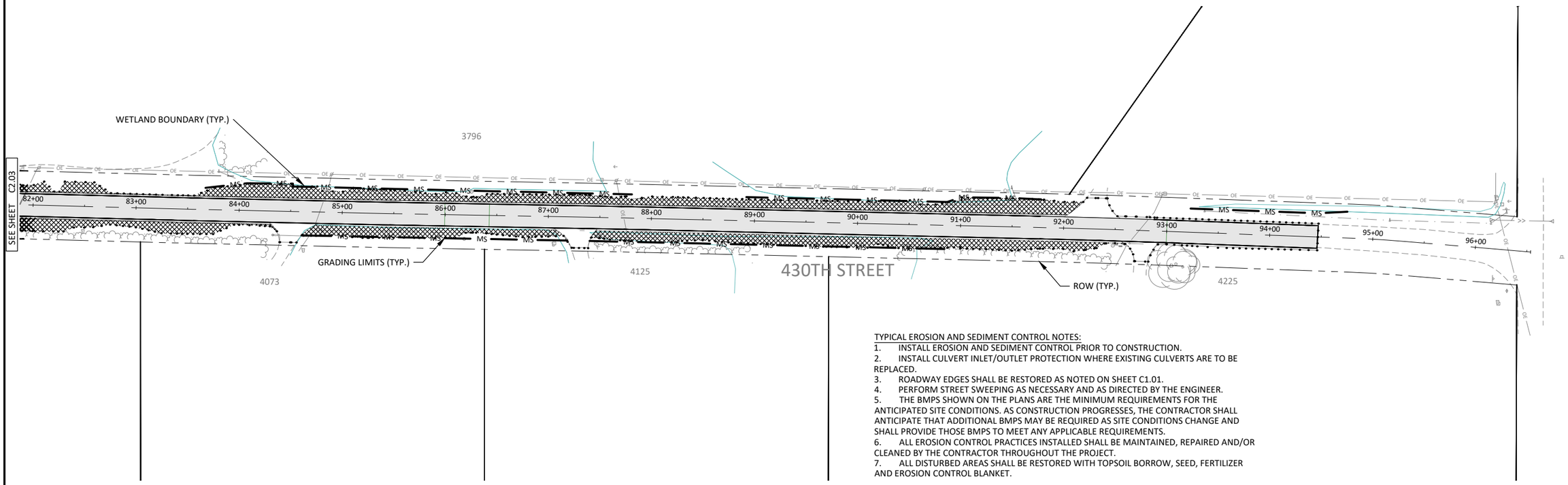
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EROSION CONTROL & TURF ESTABLISHMENT

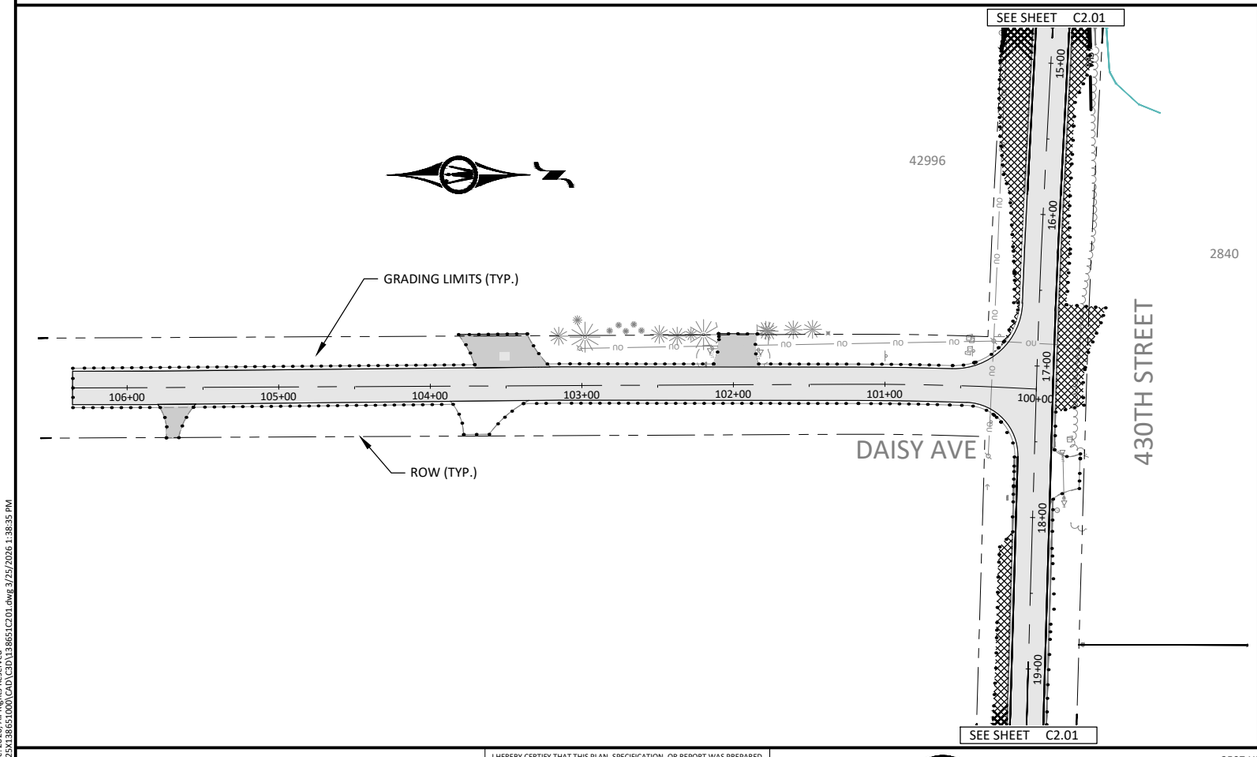
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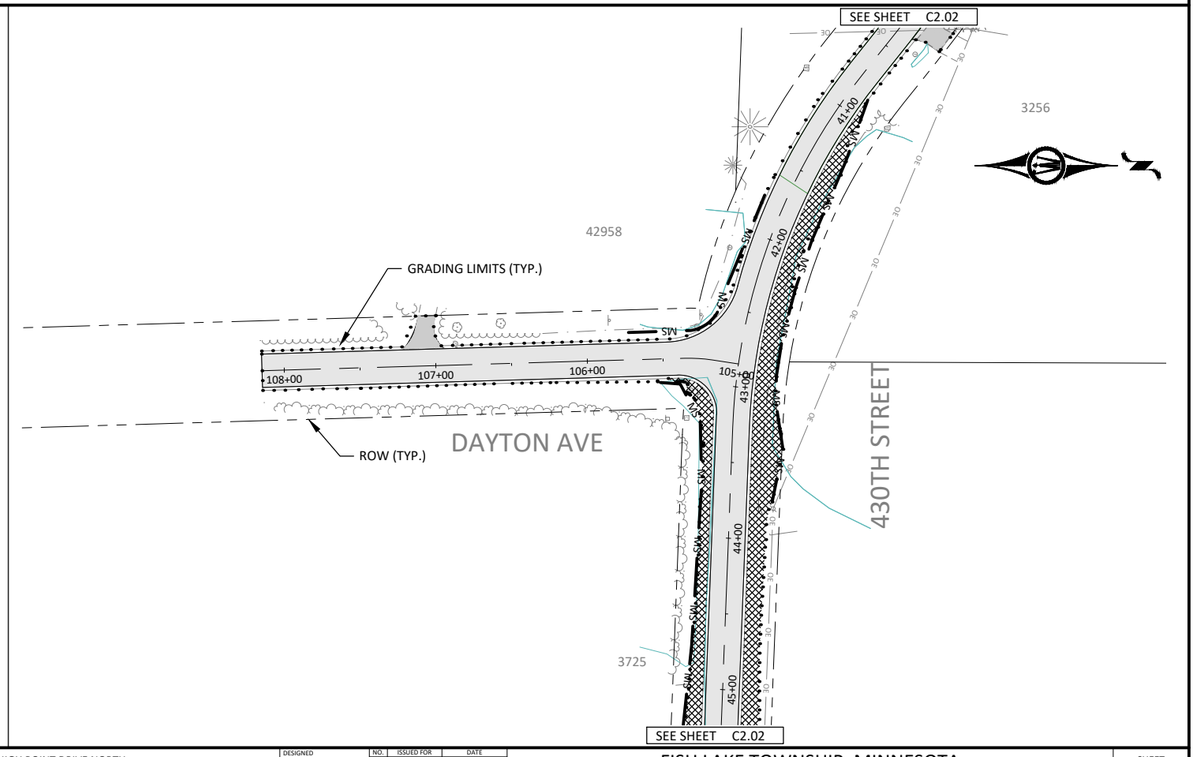
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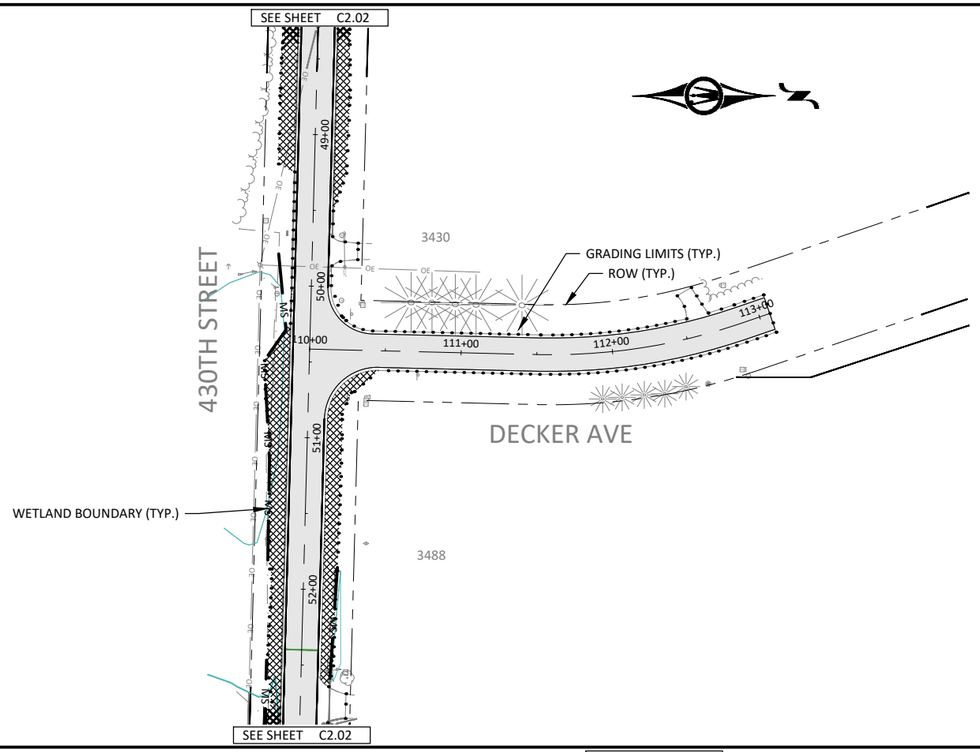
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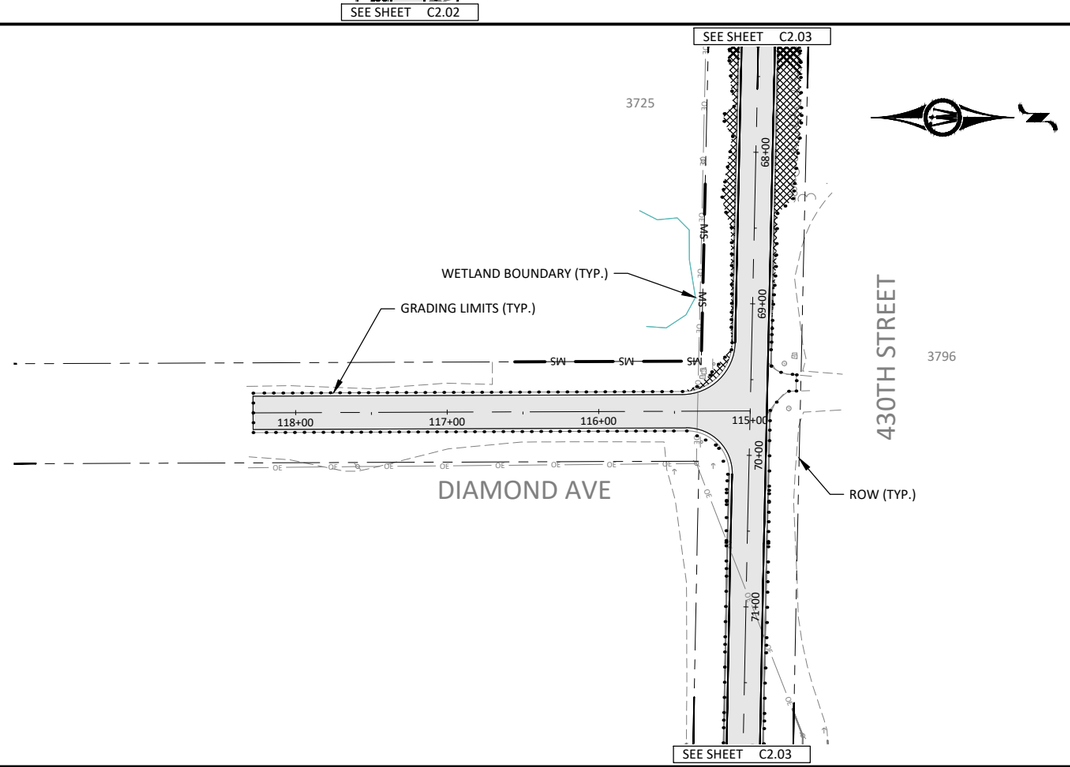
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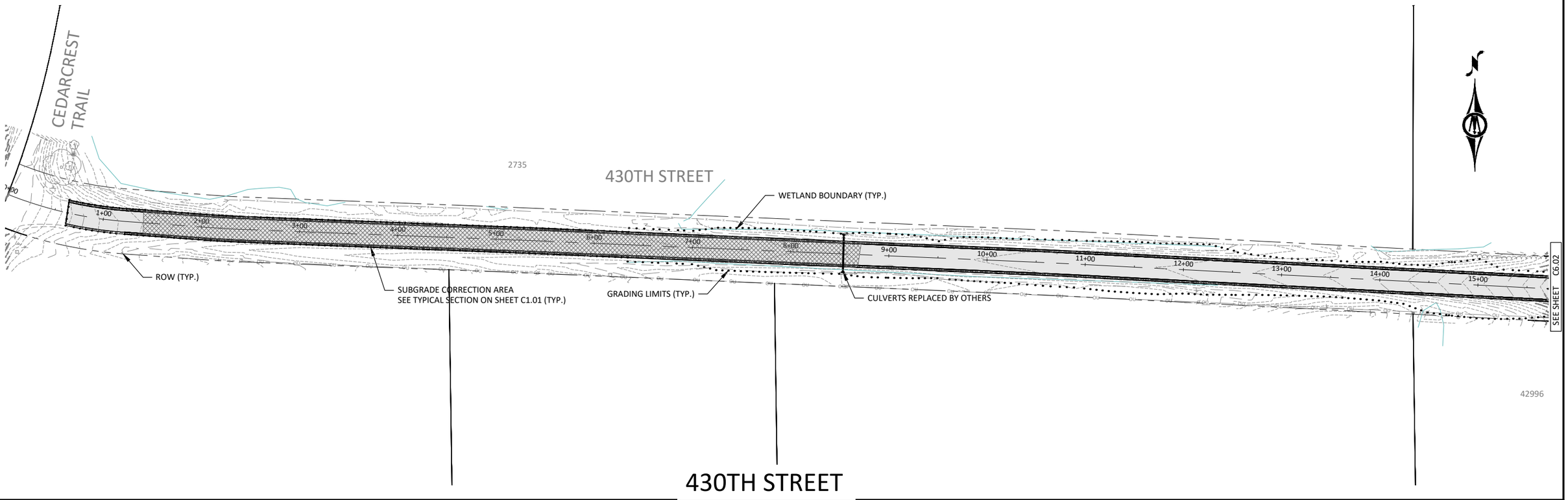
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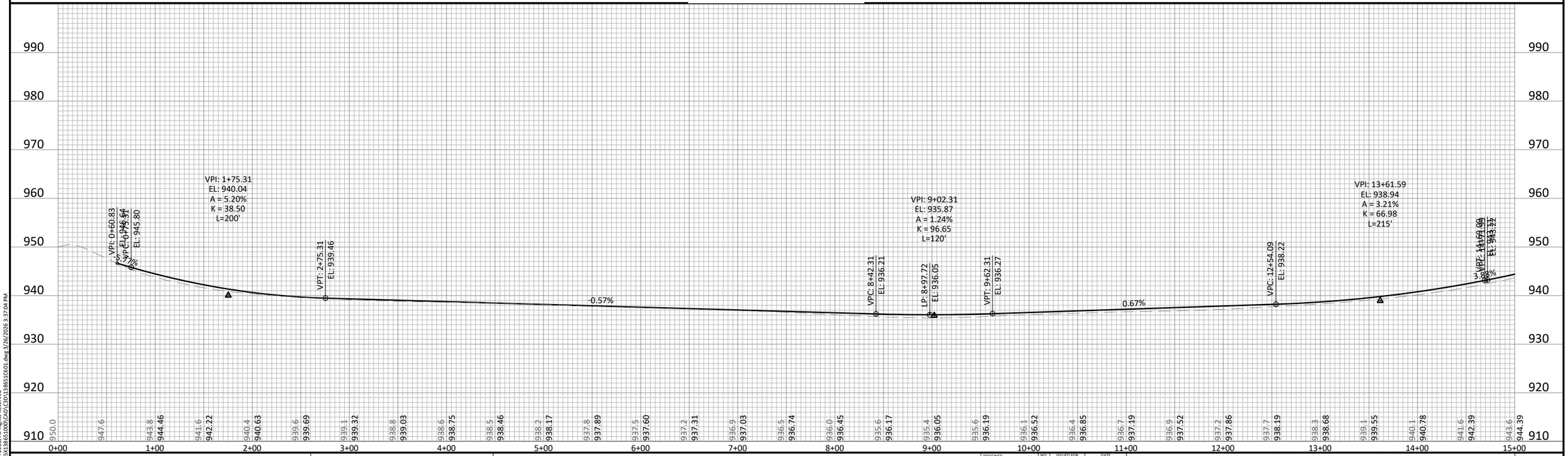
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FISH LAKE TOWNSHIP, MINNESOTA
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EROSION CONTROL & TURF ESTABLISHMENT

SHEET C2.05



430TH STREET



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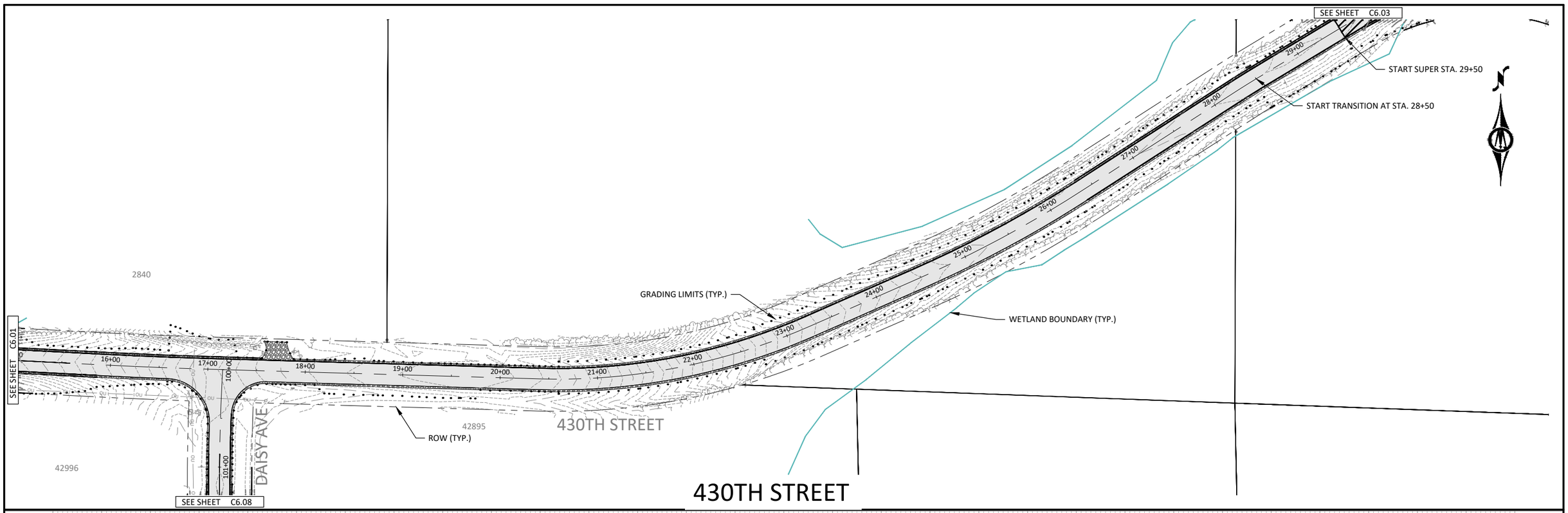
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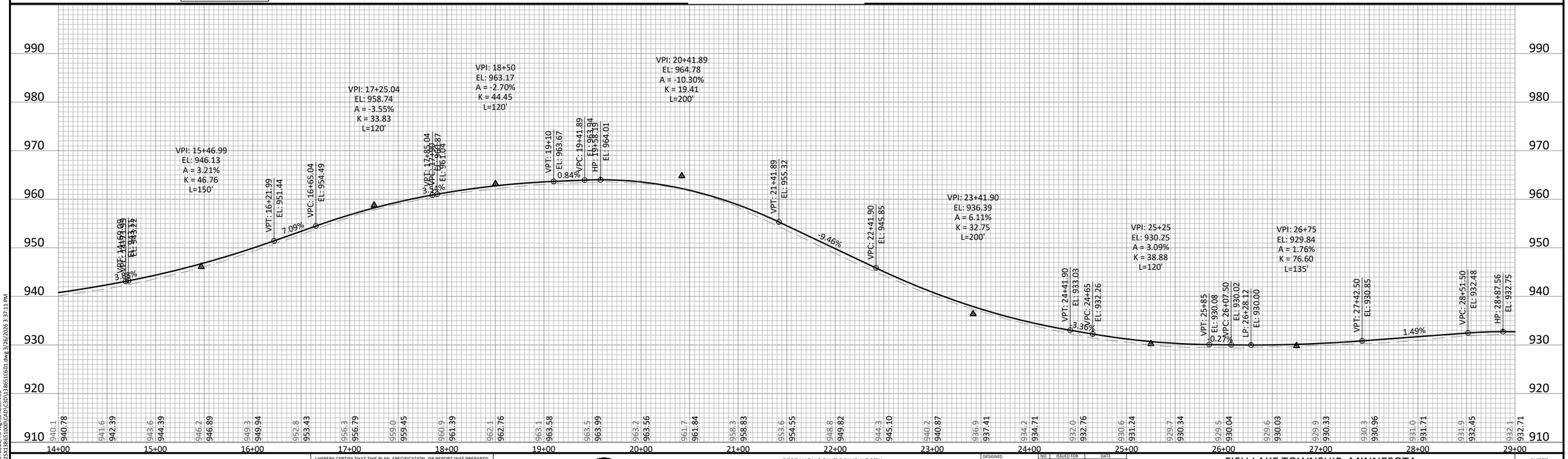
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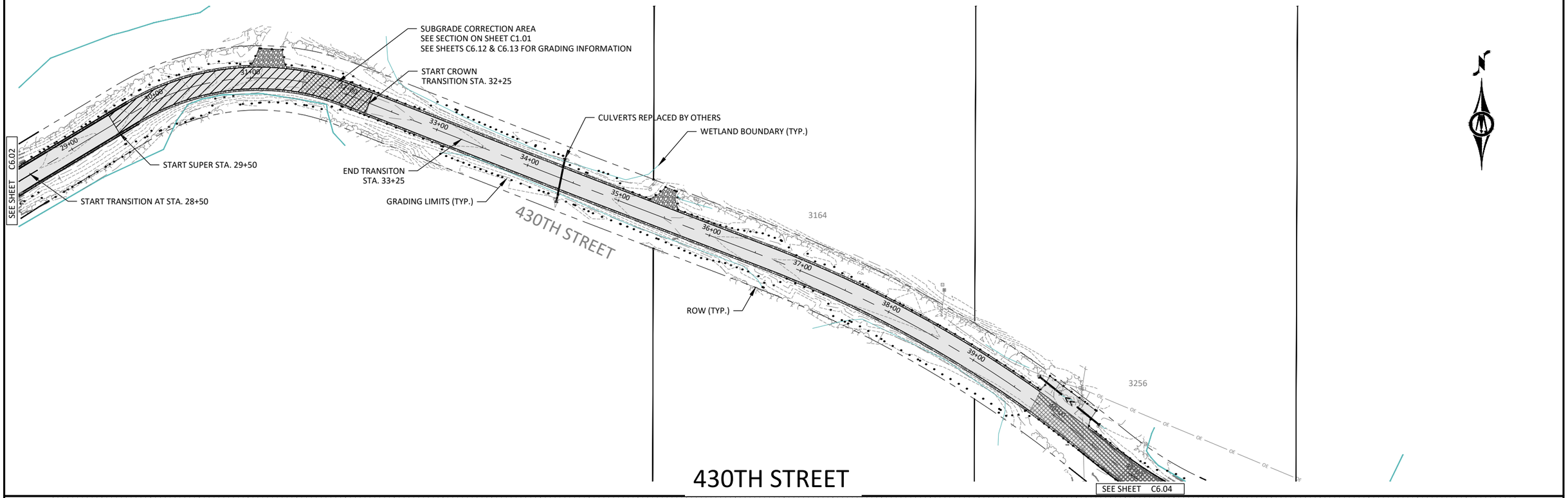
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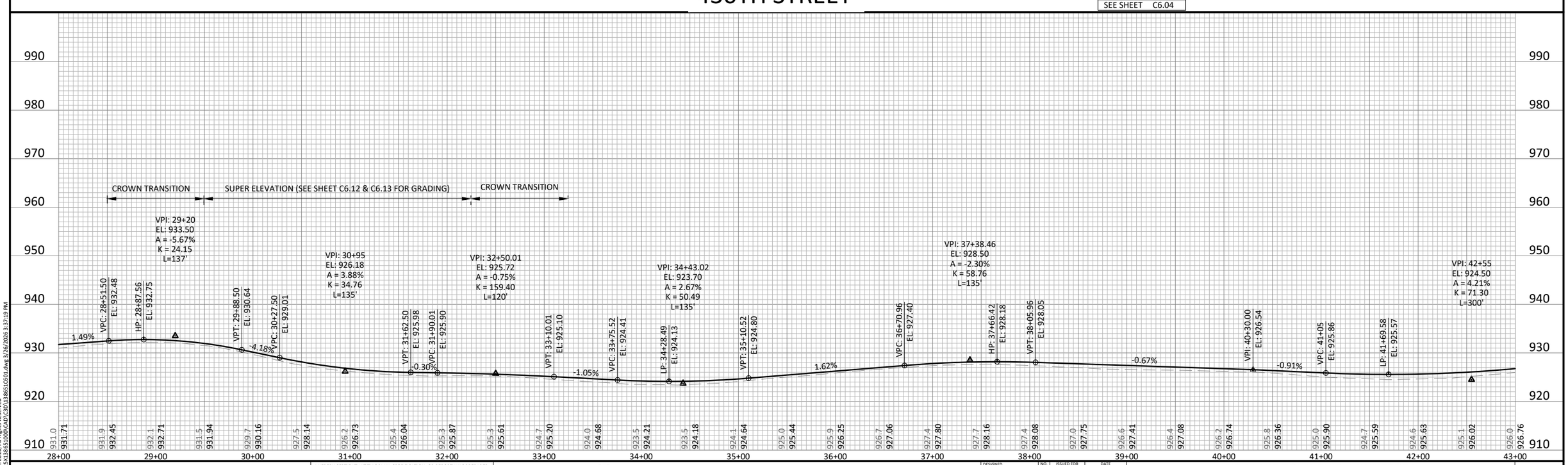
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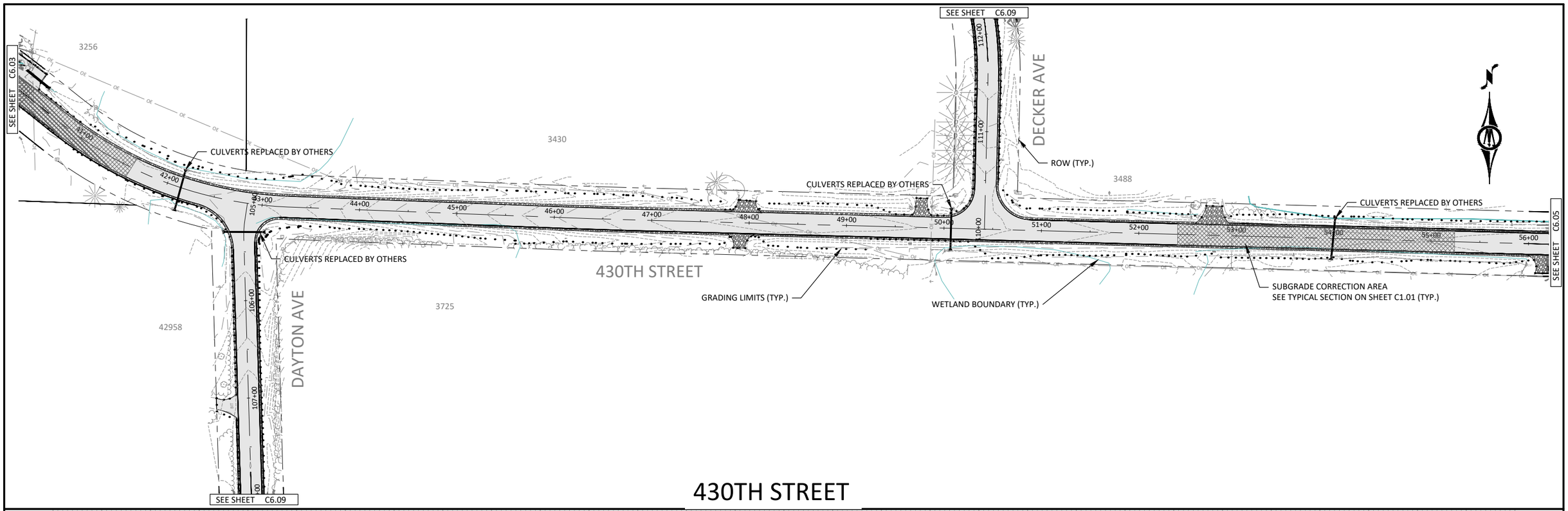
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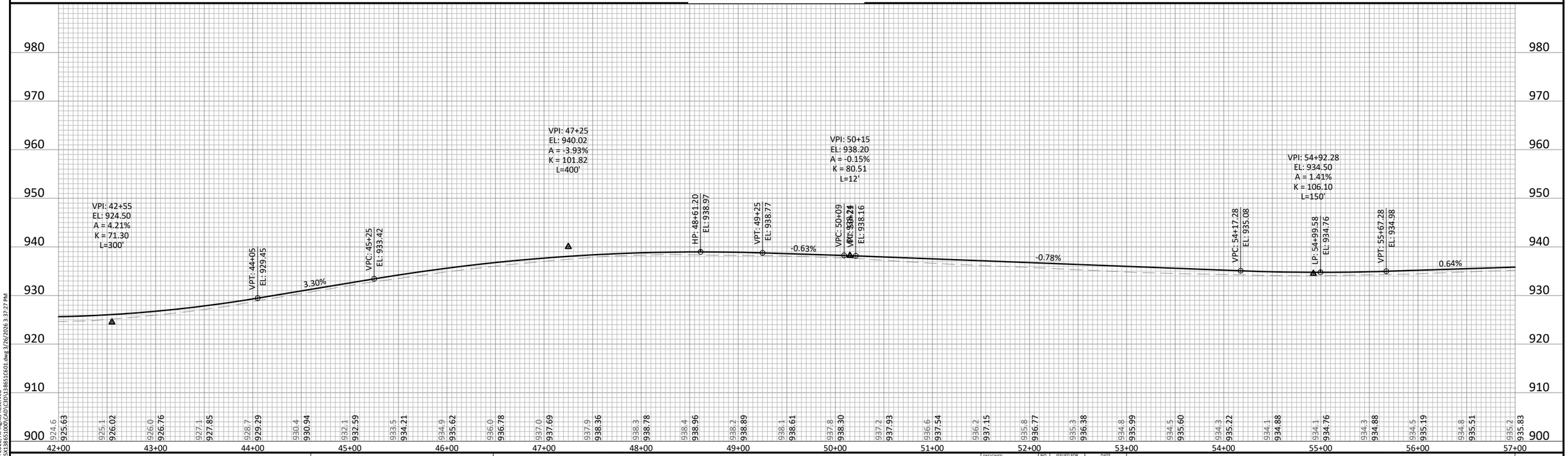
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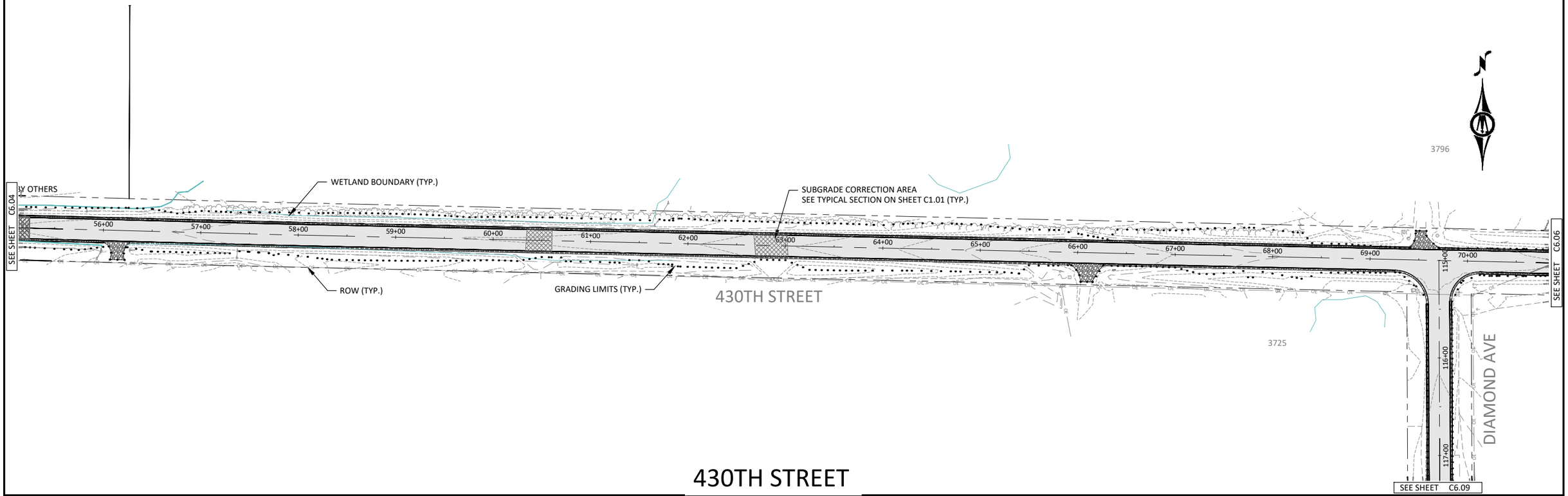
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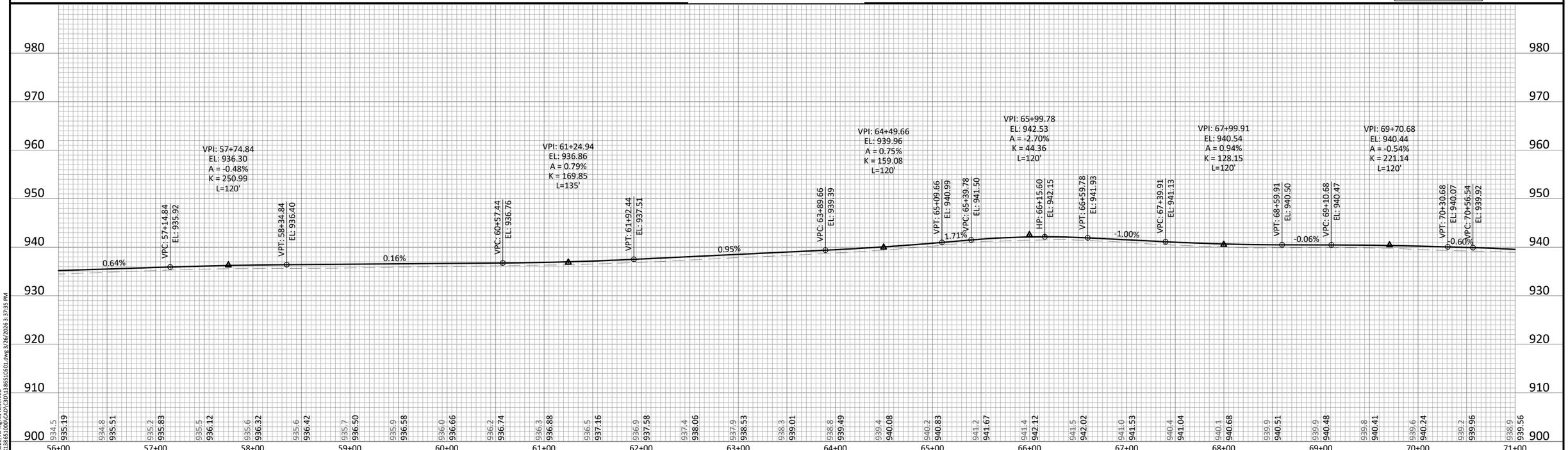
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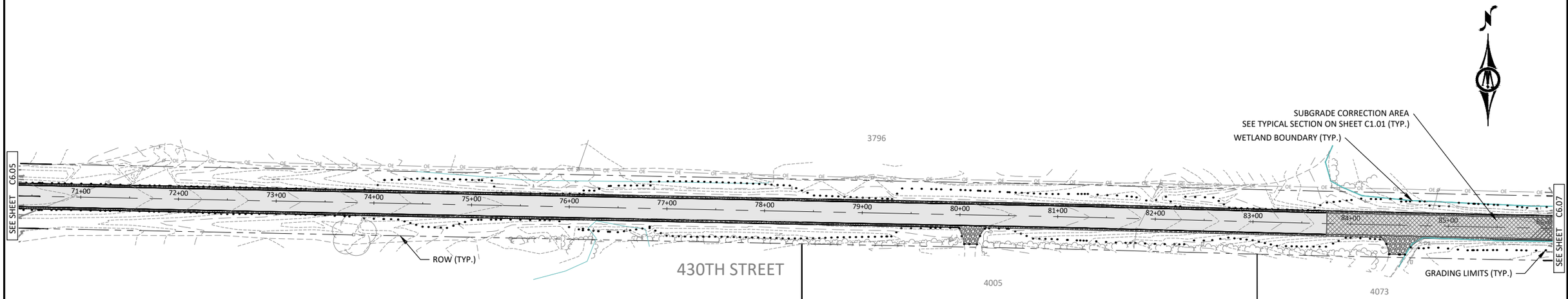
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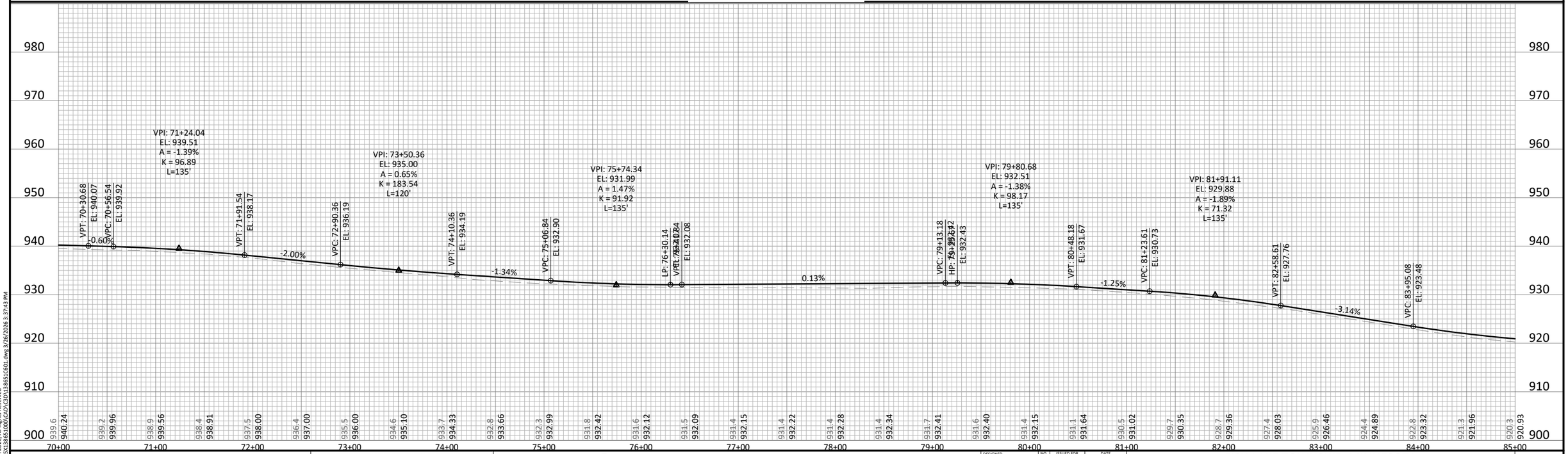
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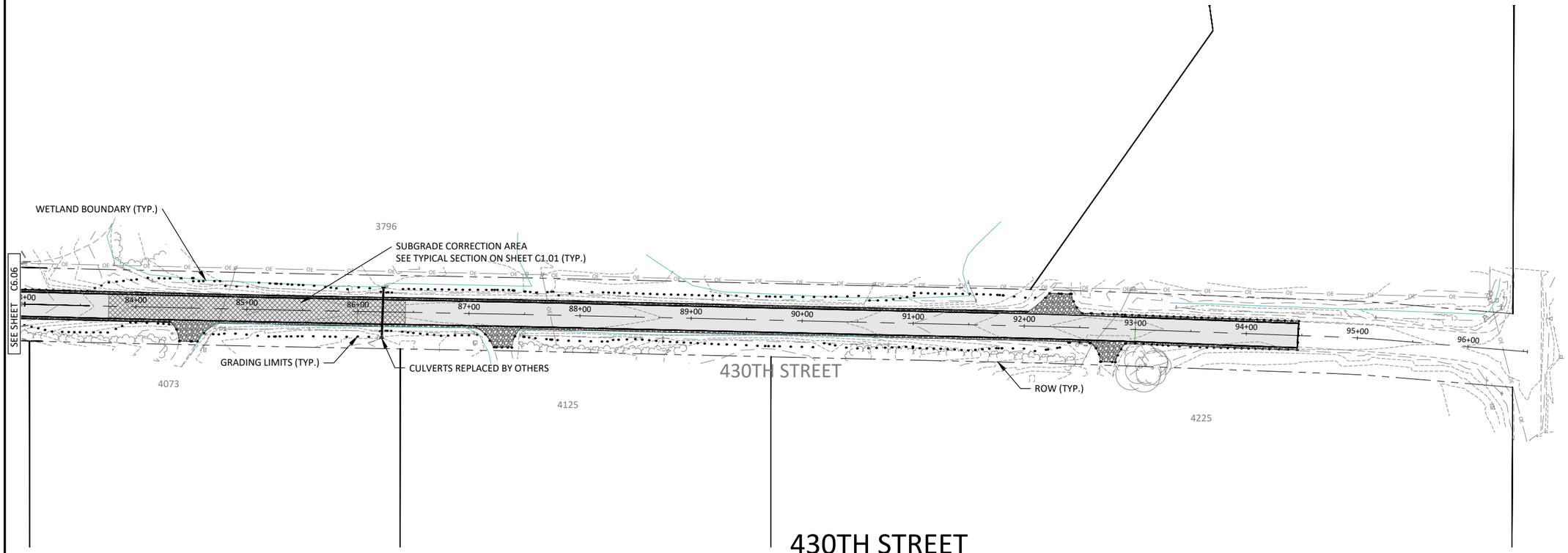
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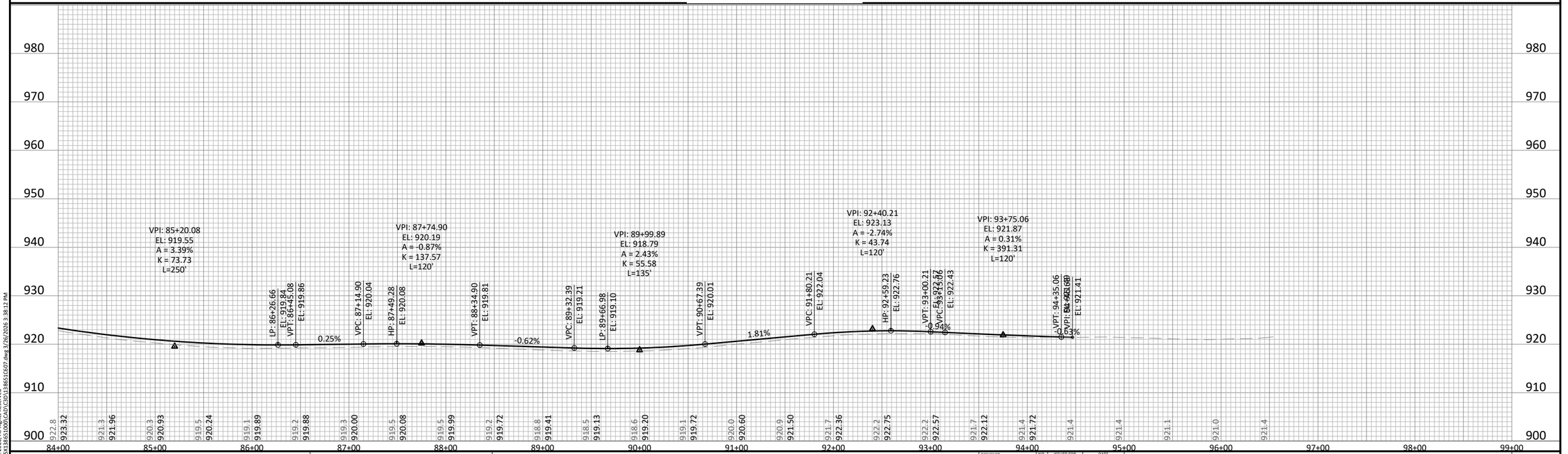
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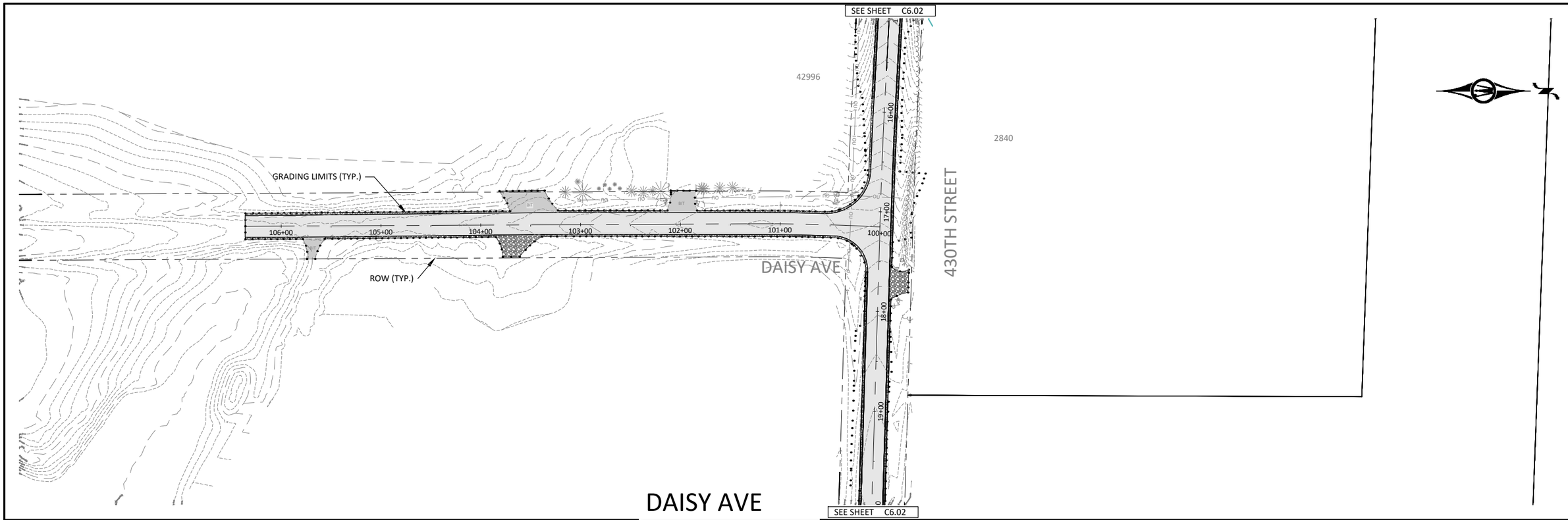
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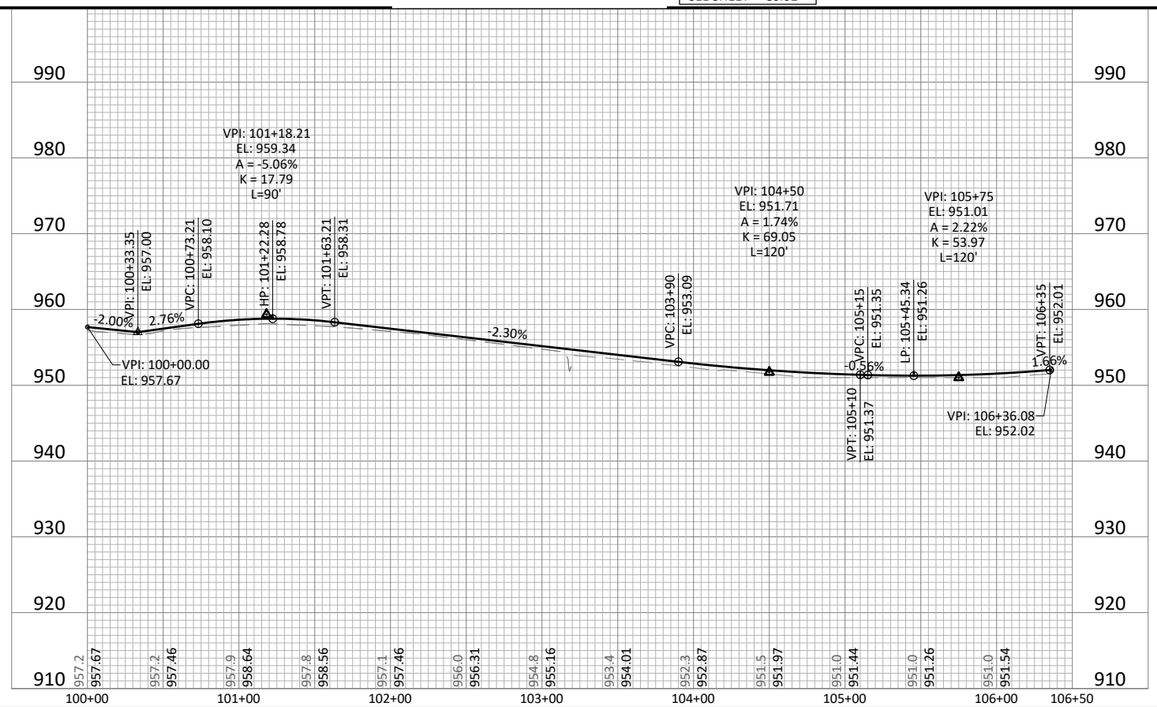
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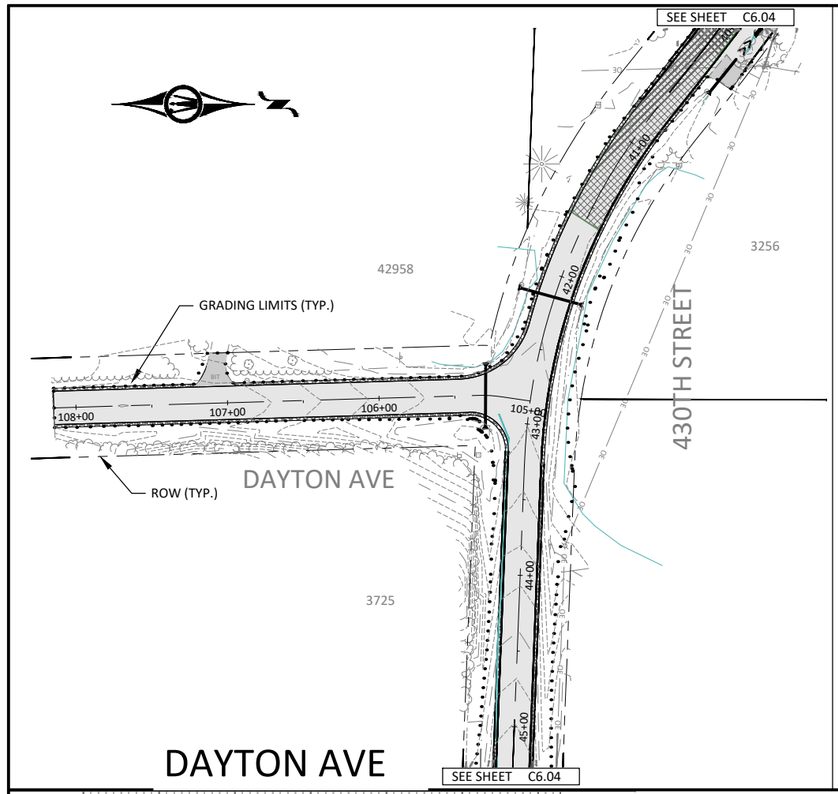
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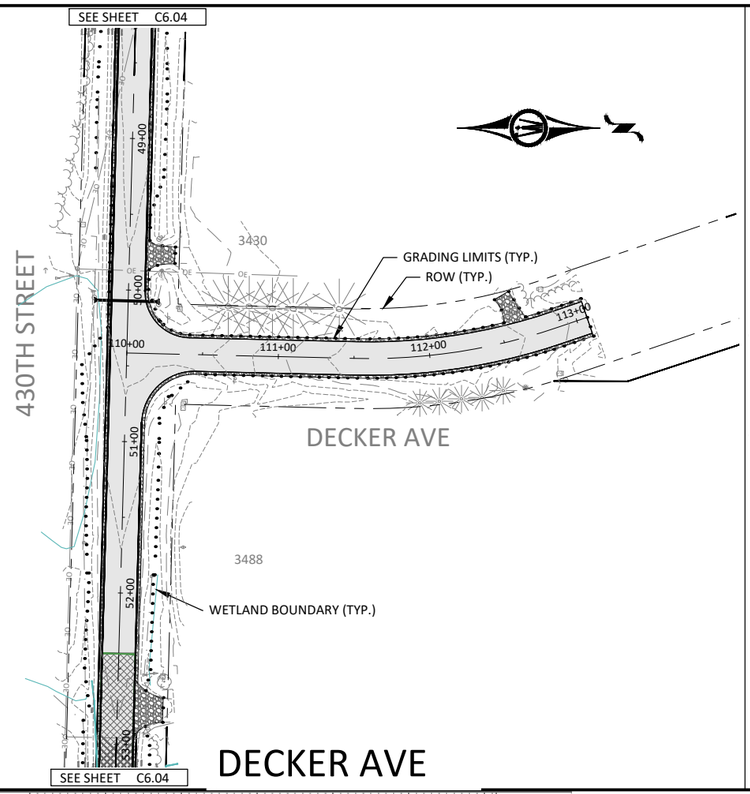
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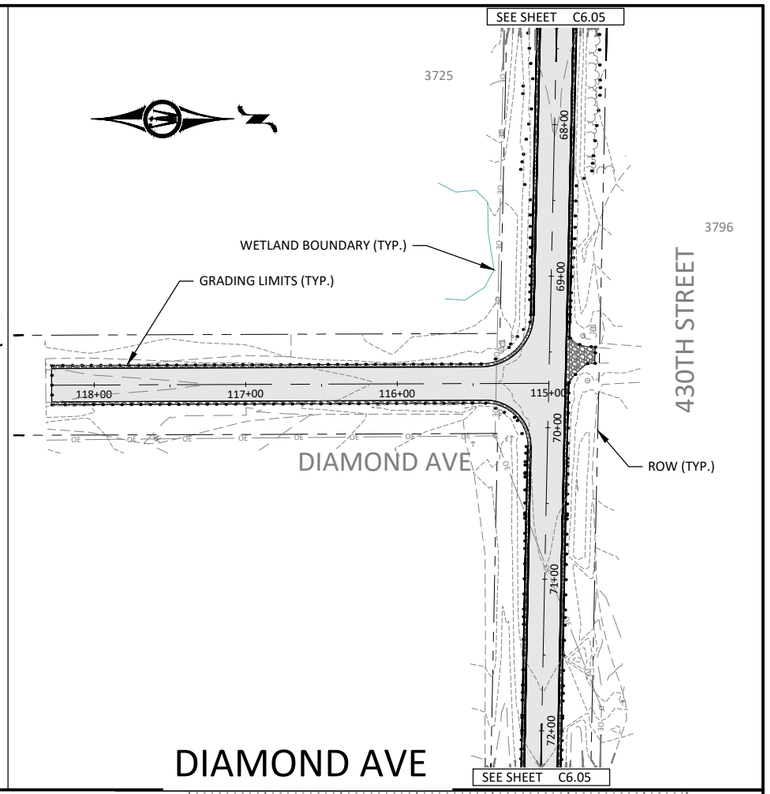
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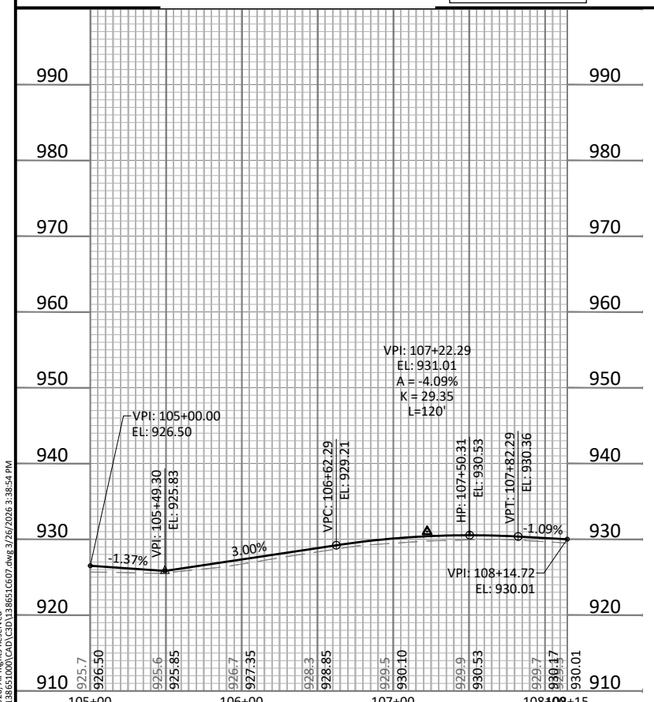
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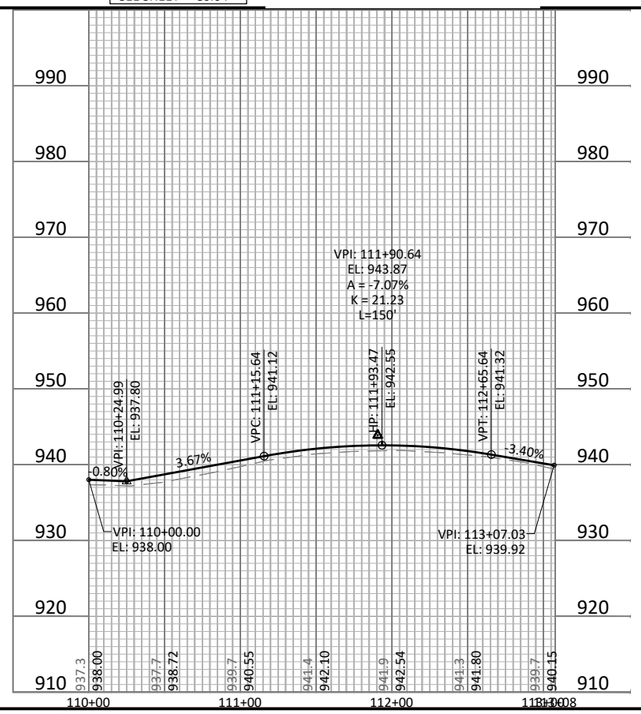


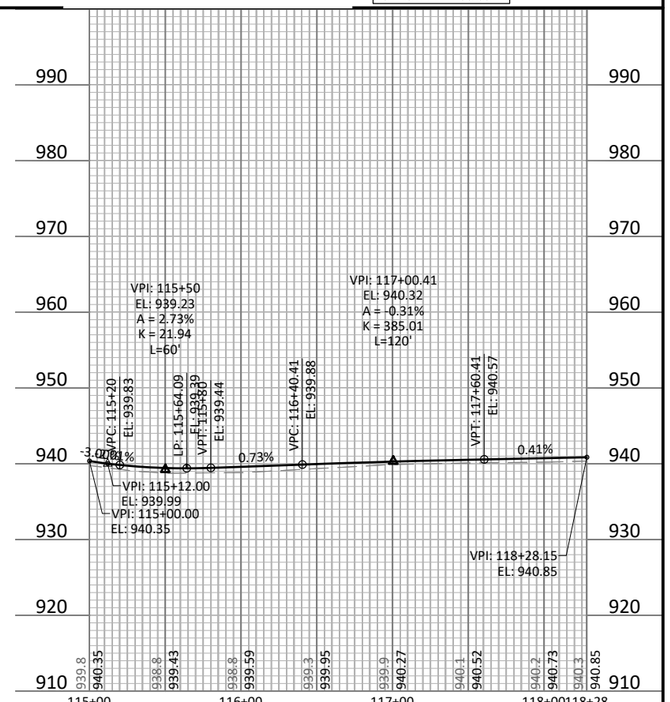
DECKER AVE



DIAMOND AVE







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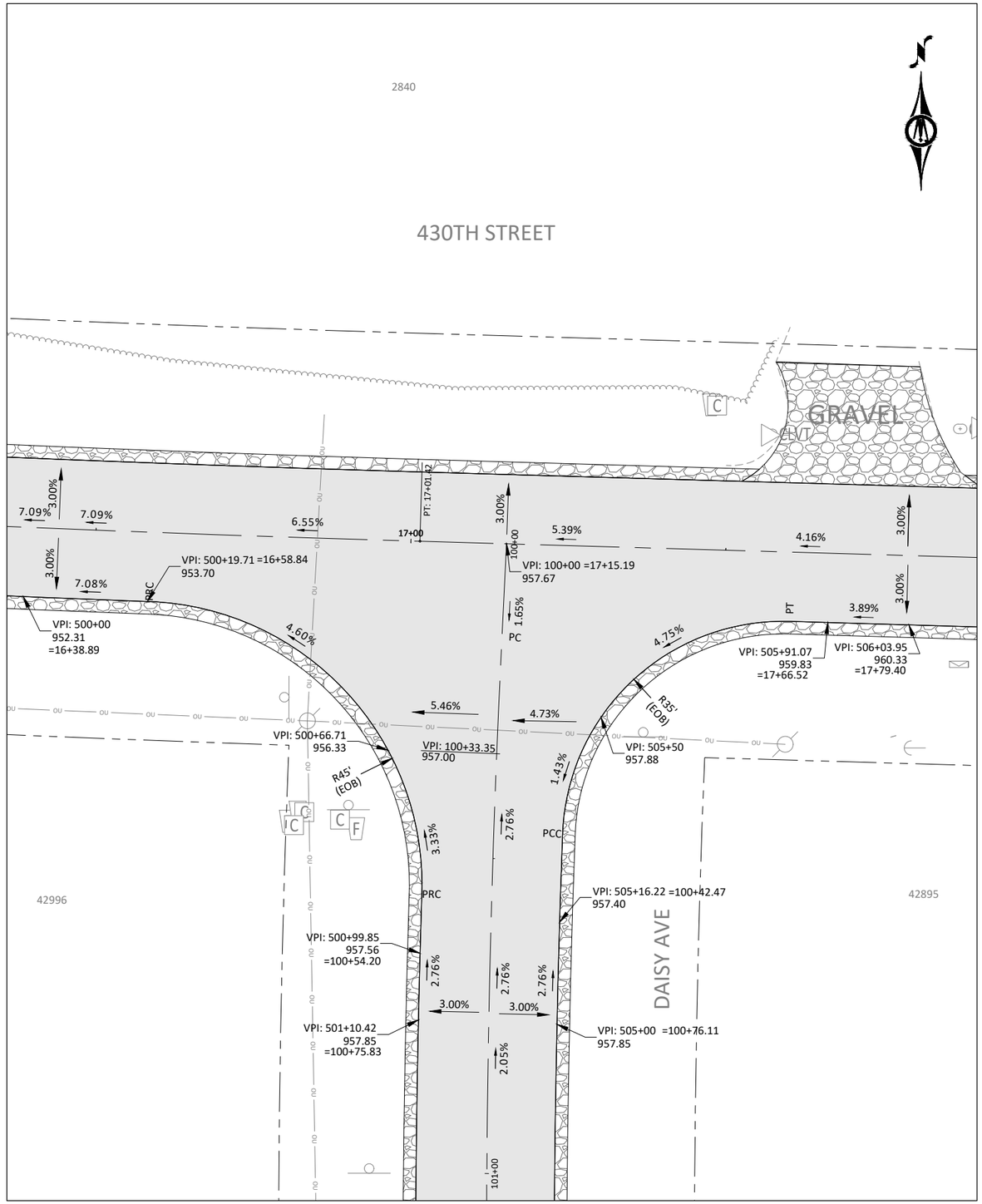
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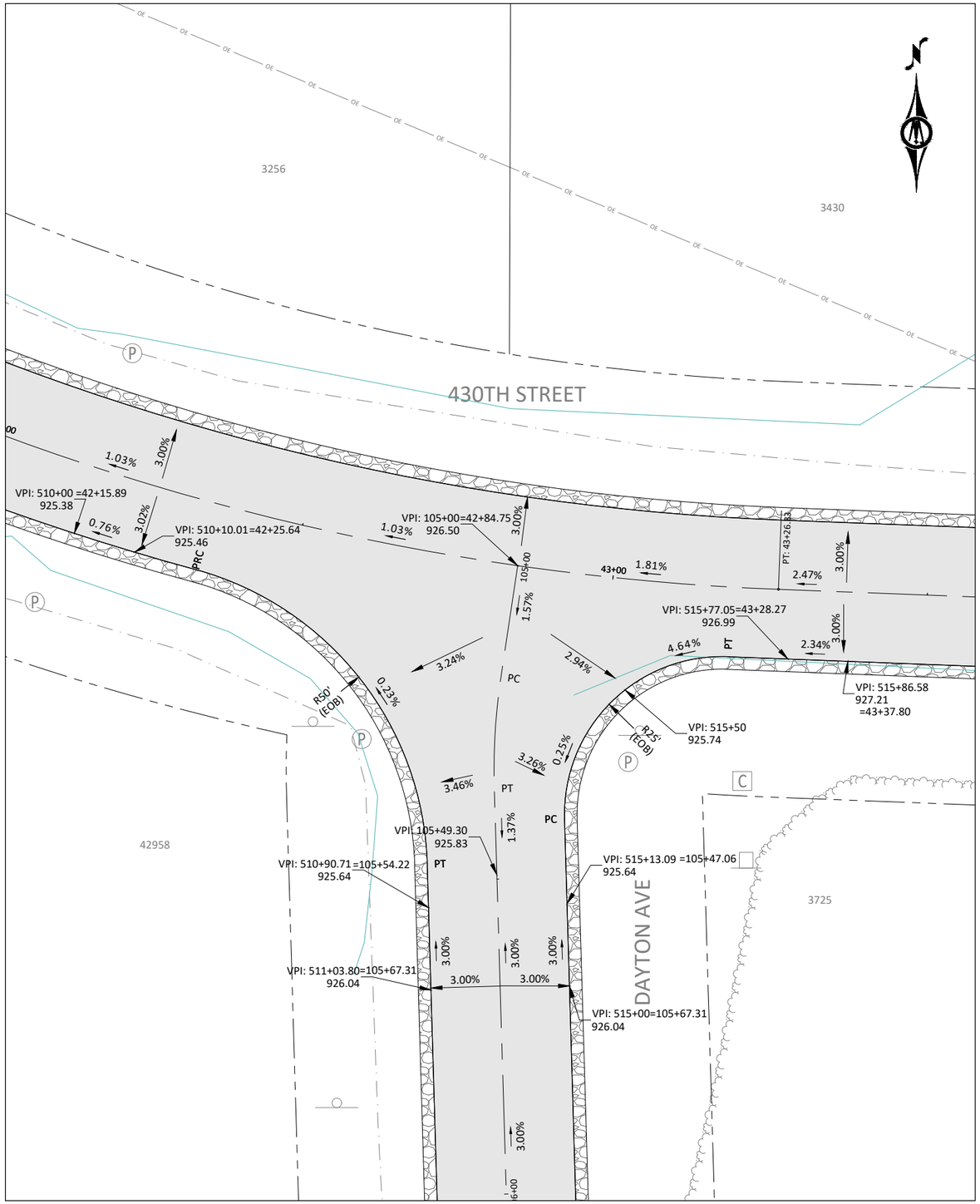
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STREET PLAN & PROFILE

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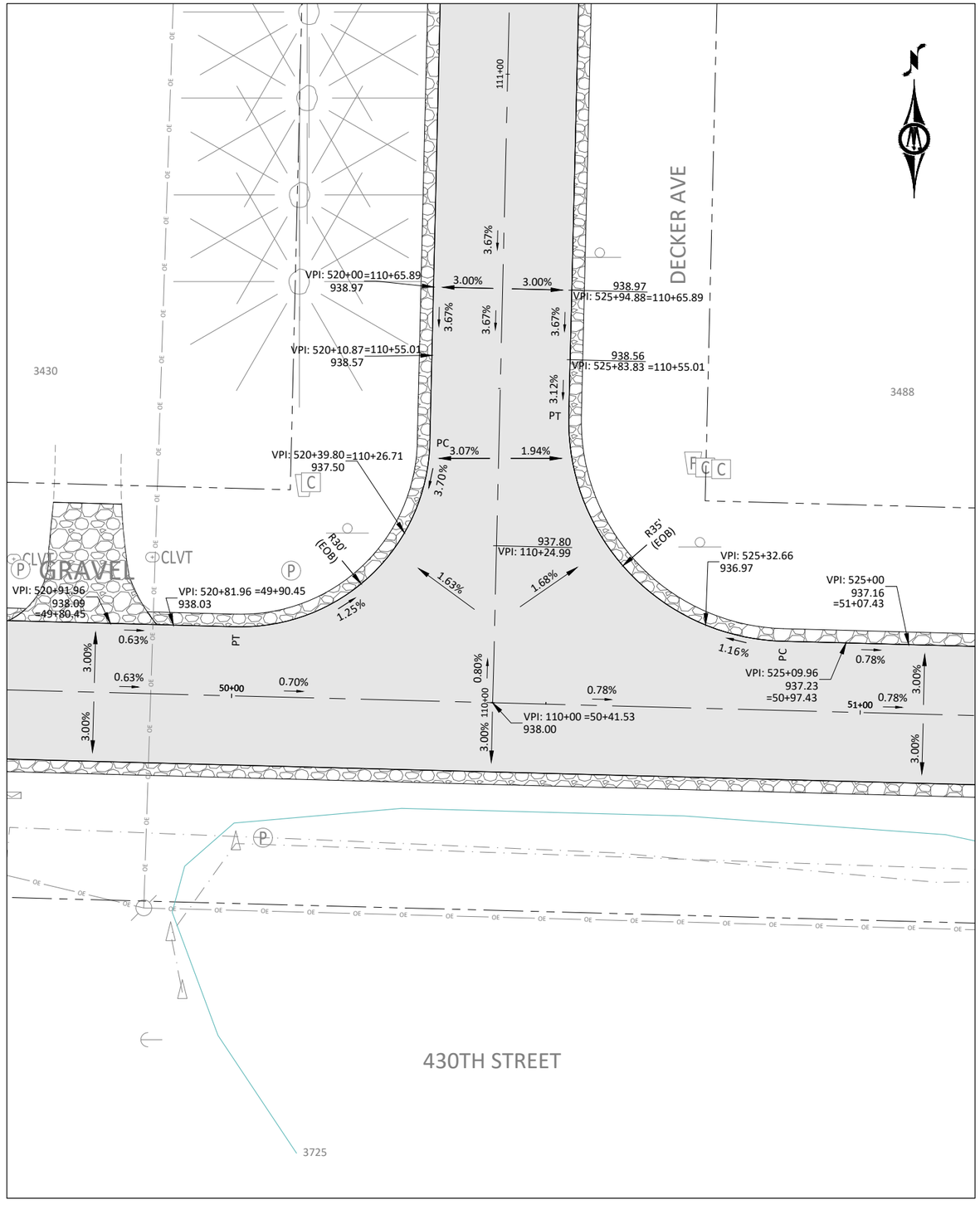
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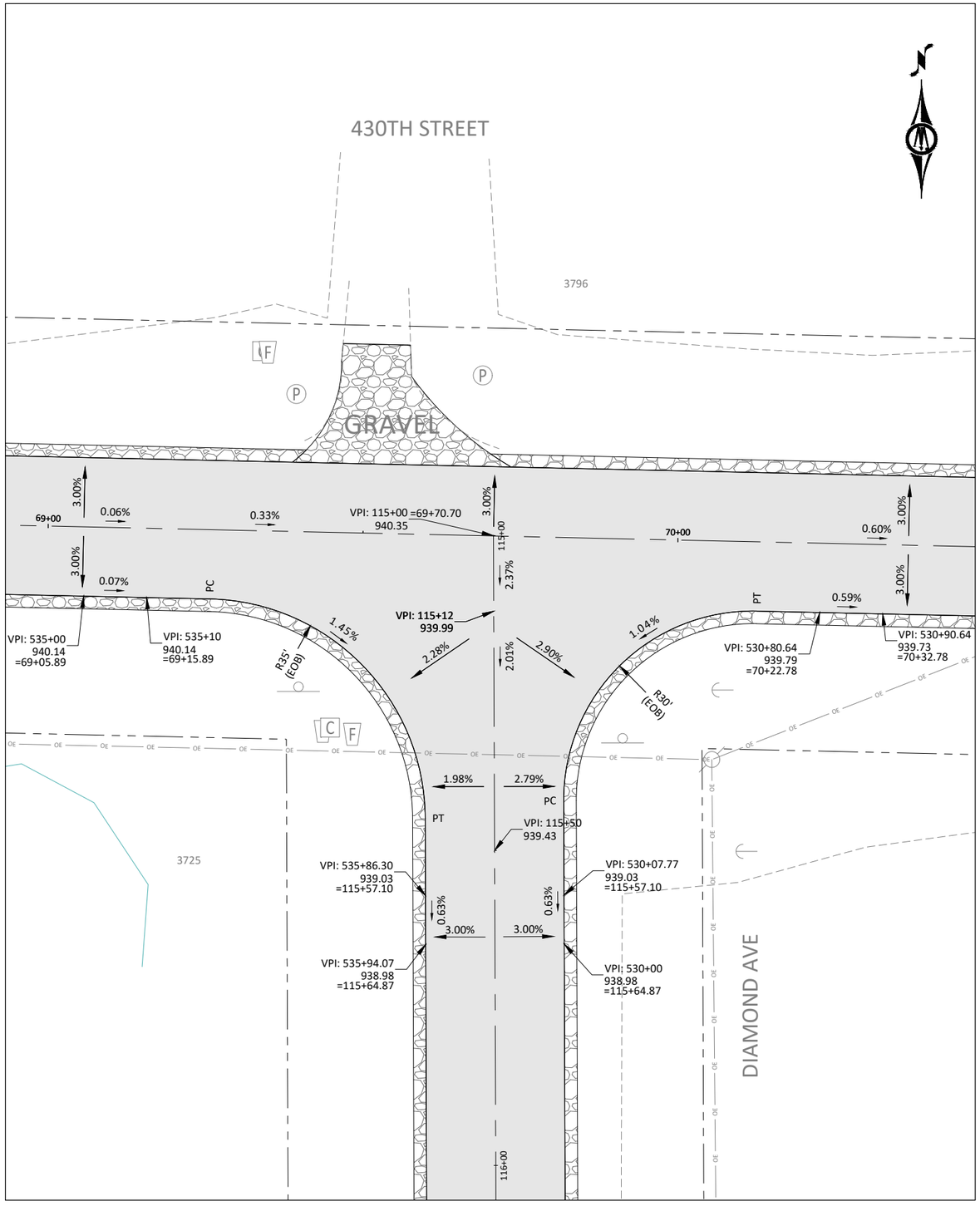
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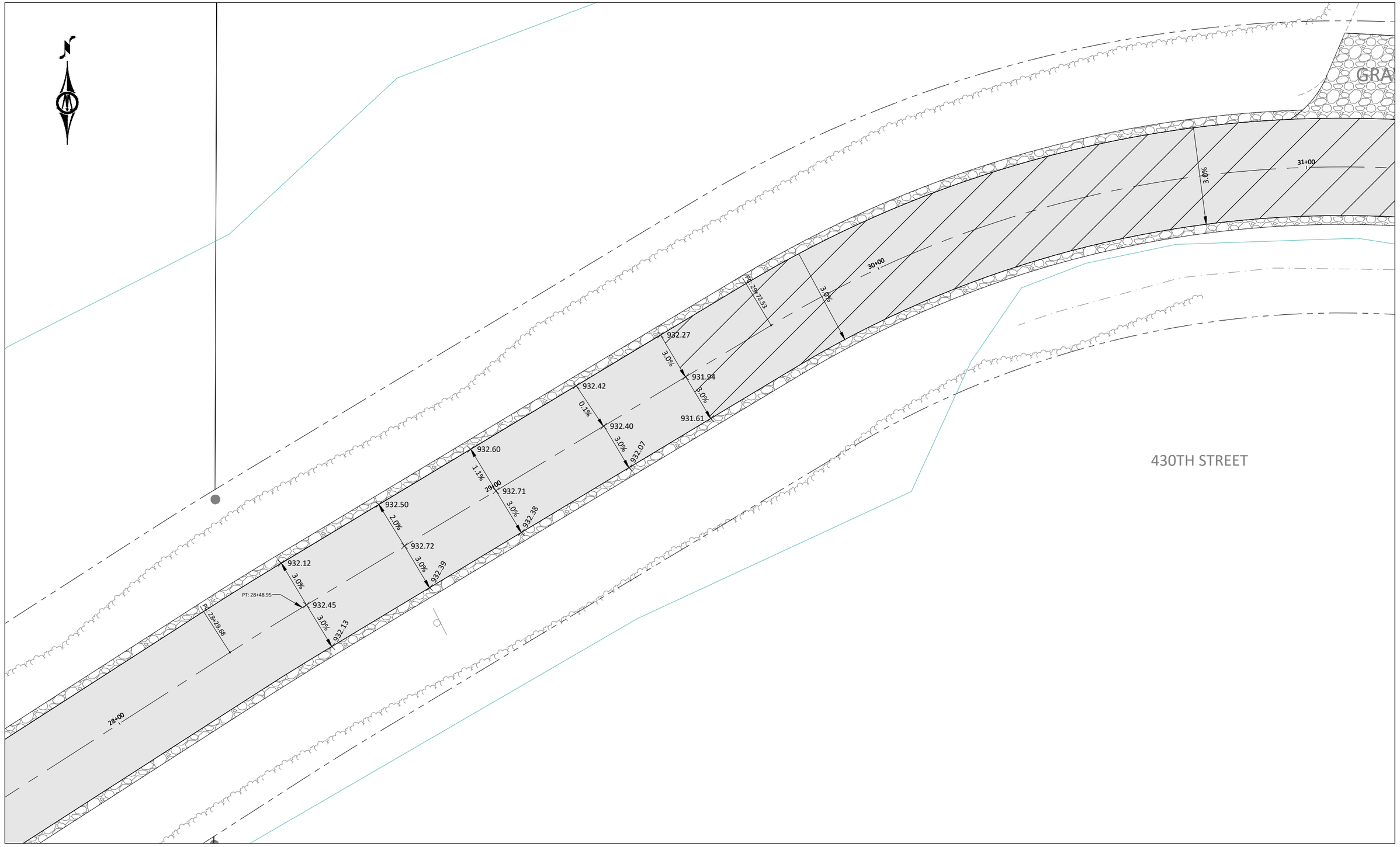
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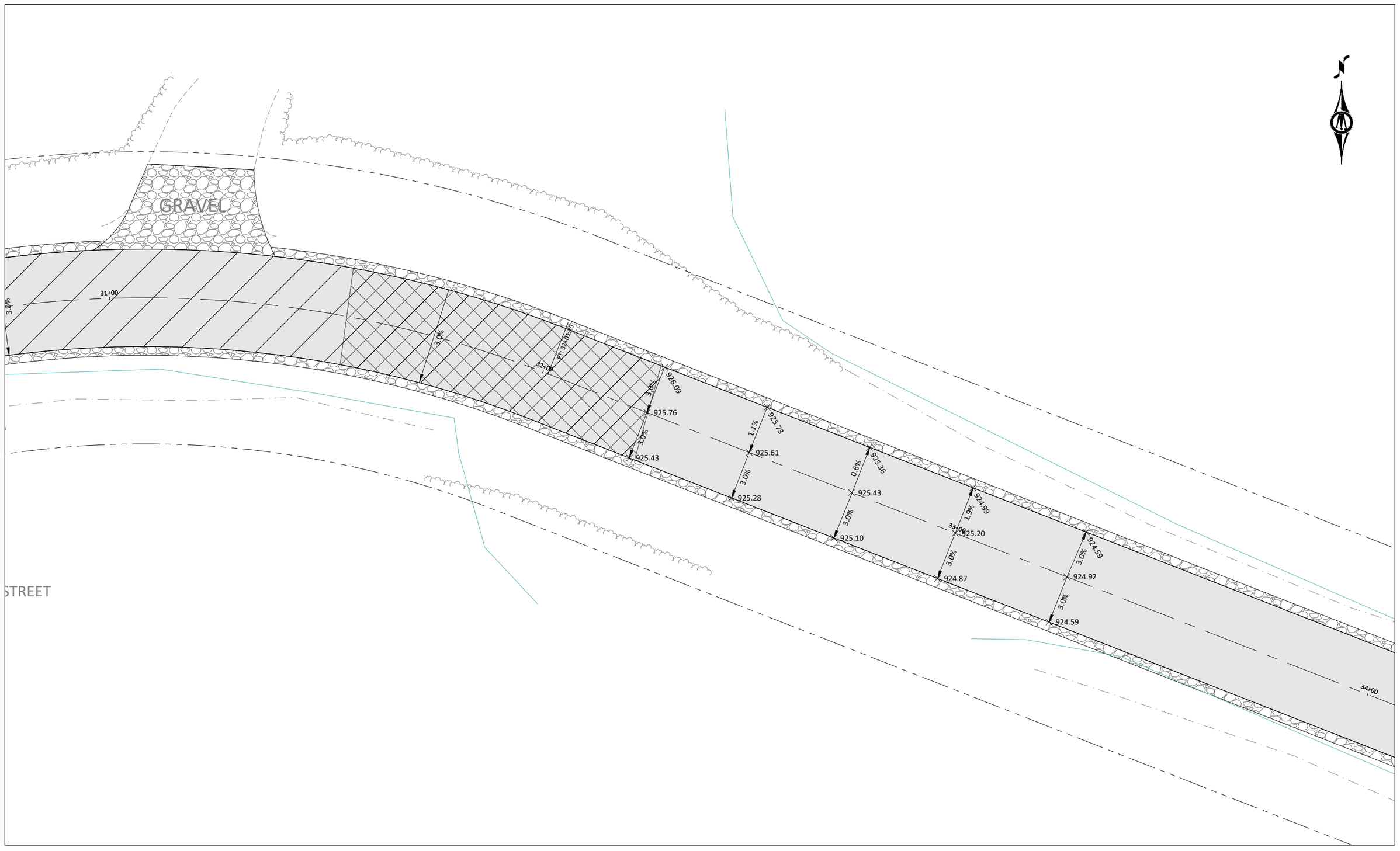
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