

CITY OF COLUMBUS

CONSTRUCTION PLANS FOR

NOTRE DAME STREET MILL AND OVERLAY

MILL AND OVERLAY, KETTLE RIVER ROAD CONNECTION RE-ALIGNMENT

MARCH 2026

RESOURCE LIST

CITY OF COLUMBUS

City Hall
16319 Kettle River Blvd. NE
Columbus, MN 55025
Phone: (651) 464-3120

City Administrator:
Jack Davis

Mayor: Ron Hanegraaf

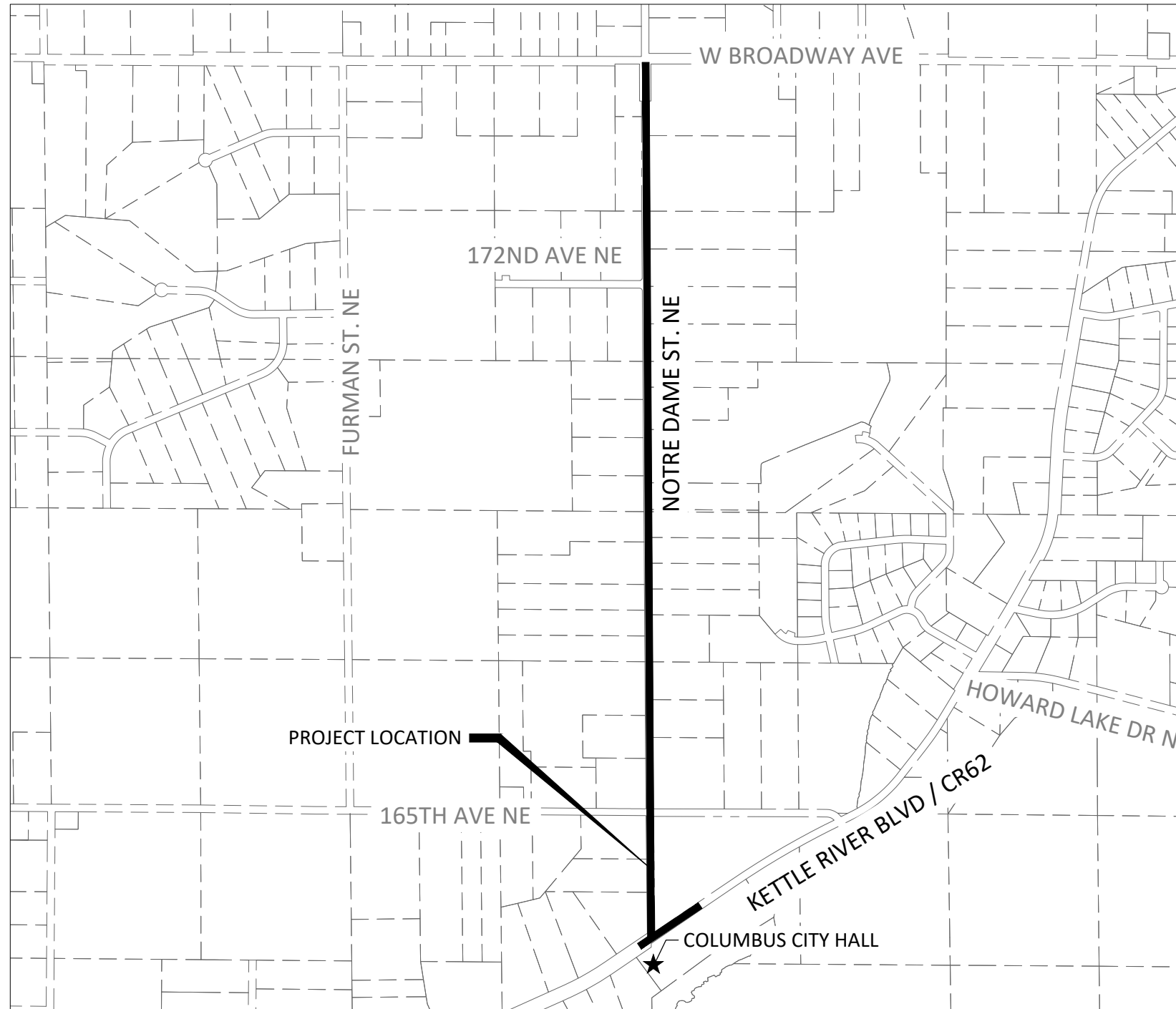
City Council Members:
Rob Busch
Jennifer Lattin
Scott Wendell
Karen Fleming

City Engineer:
Brian Bachmeier, P.E.
Bolton & Menk, Inc.

Public Works Director
Jim Windigstad

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.

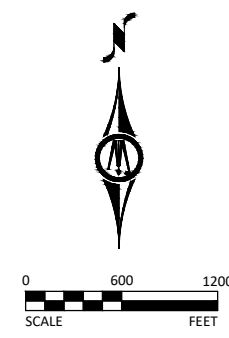
THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL "D". THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-22, ENTITLED "STANDARD GUIDELINES FOR INVESTIGATING AND DOCUMENTING EXISTING UTILITIES."



SHEET NUMBER	SHEET TITLE
GENERAL	
G0.01 - G0.02	TITLE SHEET, LEGEND
G1.01	STATEMENT OF ESTIMATED QUANTITIES
G2.01	LOCATION PLAN
CIVIL	
C0.01 - C0.05	EXISTING CONDITIONS, REMOVALS PLAN
C1.01 - C1.03	DETAILS, TYPICAL SECTIONS
C2.01 - C2.06	EROSION CONTROL PLAN, SWPPP
C6.01 - C6.05	STREET PLAN & PROFILE, INTERSECTION DETAILS
C6.06	INTERSECTION DETAIL
C7.01 - C7.06	TRAFFIC CONTROL, SIGNING & STRIPING
C8.01 - C8.02	CROSS SECTIONS

THIS PLAN SET CONTAINS 32 SHEETS.

MAP OF THE CITY OF COLUMBUS ANOKA COUNTY, MN



REVIEWED & APPROVED: [Signature] DATE: 03/11/2026
CITY ENGINEER

Ⓢ BM= 899.076 MNDOT 0283C	PROJECT DATUM: ANOKA COUNTY COORDINATES	RECORD DRAWING INFORMATION
	HORIZONTAL: NAD83, 2011 ADJ	CONTRACTOR:
	VERTICAL: NAVD88	DATE:

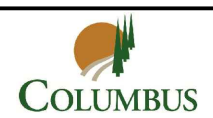
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[Signature]
Isiah Bubany
LIC. NO. 61842 DATE 03/11/2026



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CITY OF COLUMBUS		SHEET
NOTRE DAME STREET MILL AND OVERLAY		G0.01
TITLE SHEET		

EXISTING TOPOGRAPHIC SYMBOLS

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

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		CAST IRON MONUMENT
	CONTROL POINT		STONE MONUMENT
	MONUMENT FOUND		

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

NOTE:
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	UNDERGROUND FIBER OPTIC
	UNDERGROUND ELECTRIC
	UNDERGROUND GAS
	UNDERGROUND COMMUNICATION
	OVERHEAD ELECTRIC
	OVERHEAD COMMUNICATION
	OVERHEAD UTILITY

UTILITIES IDENTIFIED WITH A QUALITY LEVEL :

LINE TYPES FOLLOW THE FORMAT: UTILITY TYPE - QUALITY LEVEL
EXAMPLE: 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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CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
LEGEND

SHEET

G0.02

STATEMENT OF ESTIMATED QUANTITIES				
ITEM NO.	BMI SPEC NO.	ITEM	UNIT	TOTAL QUANTITY
BASE BID SCHEDULE 1: MILL & OVERLAY W/TEXAS UNDERSEAL				
1	01.71.13	MOBILIZATION	LS	1
2	01.55.26	TRAFFIC CONTROL	LS	1
3	01.57.13	STABILIZED CONSTRUCTION EXIT	LS	1
4	02.41.13	SALVAGE MAILBOX	EA	31
5	32.01.16.13	MILL BITUMINOUS SURFACE (2.5" DEPTH) (P)	SY	20030
6	32.12.36.11	BITUMINOUS SEAL COAT (TEXAS UNDERSEAL)	GAL	7220
7	32.12.36.11	BITUMINOUS UNDERSEAL AGGREGATE	SY	20030
8	32.12.00	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TN	3170
9	32.33.00	INSTALL SALVAGED MAILBOX ON SWING-AWAY SUPPORT	EA	31
10	32.17.23	4" SOLID LINE, LATEX PAINT - (WHITE)	LF	250
11	32.17.23	6" SOLID LINE, LATEX PAINT - (WHITE)	LF	570
12	32.17.23	4" SOLID LINE EPOXY - (YELLOW)	LF	590
13	32.17.23	4" BROKEN LINE EPOXY - (YELLOW)	LF	1400
14	32.17.23	4" DOUBLE SOLID LINE EPOXY - (YELLOW)	LF	1980
15	32.17.23	6" SOLID LINE EPOXY - (WHITE)	LF	14920

1

STATEMENT OF ESTIMATED QUANTITIES				
ITEM NO.	BMI SPEC NO.	ITEM	UNIT	TOTAL QUANTITY
BASE BID SCHEDULE 2: RE-ALIGNMENT AT KETTLE RIVER BLVD				
16	31.11.00	CLEAR & GRUB TREE	EA	1
17	02.41.13	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	LF	320
18	02.41.13	REMOVE BITUMINOUS PAVEMENT	SY	1560
19	02.41.13	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SY	70
20	02.41.13	REMOVE SIGN	EA	1
21	02.41.13	SALVAGE SIGN POST AND PANELS	EA	5
22	02.41.13	PAVEMENT MARKING REMOVAL	LF	820
23	31.20.00	EXCAVATION - COMMON (EV) (P)	CY	530
24	31.20.00	EXCAVATION - SUBGRADE (EV)	CY	40
25	31.20.00	STABILIZING AGGREGATE (CV)	CY	40
26	31.20.00	GRANULAR EMBANKMENT (CV)	CY	180
27	31.32.19	GEOTEXTILE FABRIC - TYPE V NON WOVEN	SY	900
28	32.11.23	AGGREGATE BASE CLASS 5	TN	540
29	32.11.23	TOLERANCE AGGREGATE BASE	SY	1330
30	32.12.00	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TN	330
31	32.12.00	TYPE SP 12.5 WEARING COURSE MIX (3,C) - DRIVEWAY 3.0" THICK	SY	140
32	32.12.00	BITUMINOUS MATERIAL FOR TACK COAT	GAL	80
33	32.15.00	AGGREGATE SHOULDERING CLASS 2 (LIMESTONE)	TN	60
34	01.57.13	STREET SWEEPER (W/PICKUP BROOM)	HR	10
35	34.41.05	REINSTALL SIGN AND POST	EA	5
36	32.91.19.13	COMMON TOPSOIL BORROW	CY	540
37	01.57.13	CULVERT END PROTECTION	EA	4
38	01.57.13	BIOLOGS	LF	820
39	32.92.00	TURF RESTORATION, SEED MIXTURE SOUTHERN BOULEVARD, AND HYDRAULIC BONDED FIBER MATRIX	SY	4260
40	32.92.00	TURF RESTORATION, SEED MIXTURE SOUTHERN BOULEVARD, AND BLANKET CAT 20	SY	580

STATEMENT OF ESTIMATED QUANTITIES				
ITEM NO.	BMI SPEC NO.	ITEM	UNIT	TOTAL QUANTITY
ALTERNATE 1: PARK PARKING LOT				
41	02.41.13	REMOVE BITUMINOUS PAVEMENT	SY	190
42	32.11.23	TOLERANCE AGGREGATE BASE	SY	2480
43	33.01.30.12	CLEAN PIPE CULVERT	LF	56
44	31.20.00	EXCAVATION - SUBGRADE (EV)	CY	60
45	31.20.00	STABILIZING AGGREGATE (CV)	CY	60
46	32.12.00	BITUMINOUS MATERIAL FOR TACK COAT	GAL	150
47	32.12.00	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TN	630
48	34.41.05	SIGN PANELS TYPE C	SF	11
49	32.17.23	HANDICAP SYMBOL, PAINT (WHITE)	EA	2
50	32.17.23	4" SOLID LINE, LATEX PAINT - (WHITE)	LF	1140

STATEMENT OF ESTIMATED QUANTITIES				
ITEM NO.	BMI SPEC NO.	ITEM	UNIT	TOTAL QUANTITY
ALTERNATE 2: CITY HALL PARKING LOT				
51	02.41.13	SALVAGE SIGN POST AND PANELS	EA	3
52	02.41.13	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	LF	99
53	32.01.16.13	MILL BITUMINOUS PAVEMENT (4.0" DEPTH) (P)	SY	5160
54	31.20.00	EXCAVATION - SUBGRADE (EV)	CY	60
55	31.20.00	STABILIZING AGGREGATE (CV)	CY	60
56	32.11.23	TOLERANCE AGGREGATE BASE	SY	5110
57	32.12.00	BITUMINOUS MATERIAL FOR TACK COAT	GAL	310
58	32.12.00	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TN	1300
59	34.41.05	REINSTALL SIGN AND POST	EA	3
60	32.17.23	HANDICAP SYMBOL, PAINT (WHITE)	EA	3
61	32.17.23	4" SOLID LINE LATEX PAINT - (WHITE)	LF	1790

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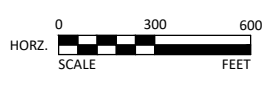
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STATEMENT OF ESTIMATED QUANTITIES

SHEET

G1.01



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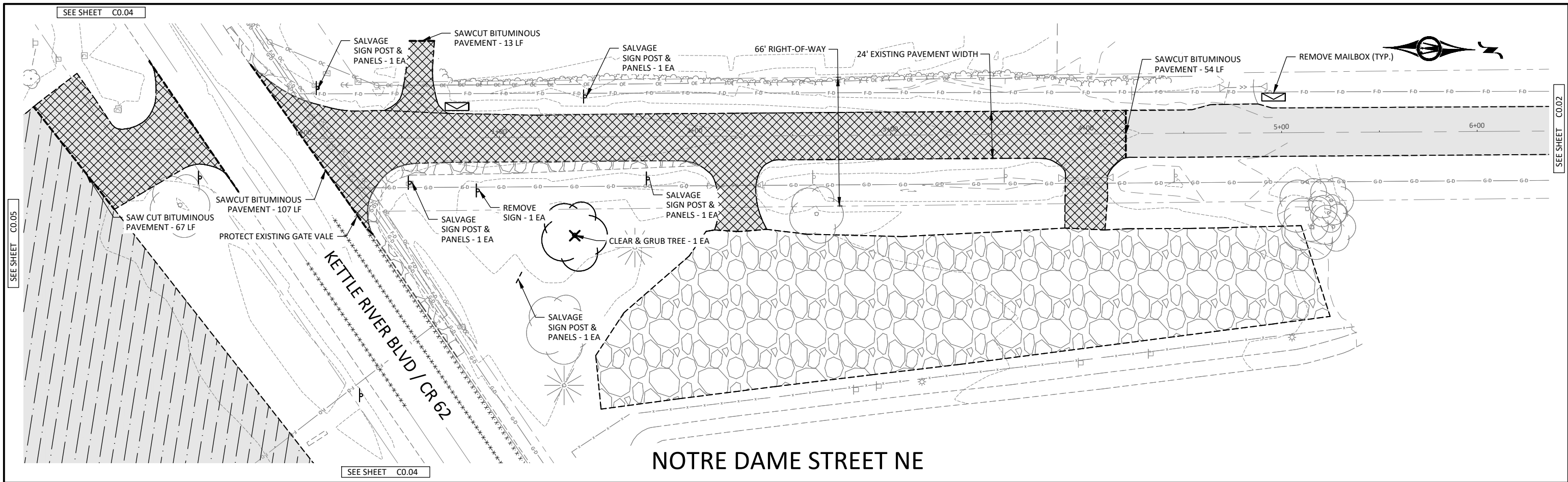
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CITY OF COLUMBUS
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LOCATION PLAN

SHEET
G2.01



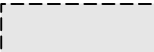


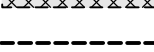



SEE SHEET CO.05

SEE SHEET CO.04

SEE SHEET CO.02

SEE SHEET CO.04

REMOVALS LEGEND

-  MILL BITUMINOUS PAVEMENT 2.5" DEPTH
-  MILL BITUMINOUS PAVEMENT 4" DEPTH
-  REMOVE BITUMINOUS PAVEMENT
-  SAW CUT BITUMINOUS PAVEMENT
-  REMOVE STRIPING
-  REMOVE MAILBOX
-  REMOVE TREE

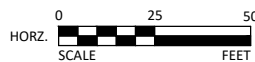
NOTES:

1. THE EXACT REMOVAL LIMITS OF SIDEWALKS, DRIVEWAYS, BITUMINOUS PAVEMENT AND CURB & GUTTER WILL BE DETERMINED IN THE FIELD. ALL REMOVAL LIMIT EDGES SHALL BE SAW CUT PRIOR TO FINAL REMOVAL.
2. BMPS AND INLET PROTECTION FOR ALL EXISTING STORM SEWER INLETS SHALL BE IN PLACE PRIOR TO BEGINNING OF ANY REMOVALS.
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Isiah Bubany
Isiah Bubany
LIC. NO. 61842 DATE 03/11/2026



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CJK	1	CO 1	04/22/2026
CHECKED	CAQ		
CLIENT PROJ. NO.	26X-142540000		

CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
EXISTING CONDITIONS & REMOVALS

SHEET
C0.01

PID: 14-32-22-21-0007
OWNER: GANGL TRUSTEE MICHAEL S
8534 165TH AVE NE

165TH AVE NE

PID: 11-32-22-34-0005
OWNER: TEWALT ASHLEY RENE A
8585 165TH AVE NE

PID: 11-32-22-34-0008
OWNER: COCKBURN ROBERT C & ROSANNE

PID: 11-32-22-34-0009
OWNER: COCKBURN ROBERT C & ROSANNE
16630 NOTRE DAME ST NE



SEE SHEET C0.01

SEE BELOW

REMOVALS LEGEND

- MILL BITUMINOUS PAVEMENT 2.5" DEPTH
- MILL BITUMINOUS PAVEMENT 4" DEPTH
- REMOVE BITUMINOUS PAVEMENT
- SAW CUT BITUMINOUS PAVEMENT
- REMOVE STRIPING
- REMOVE MAILBOX
- REMOVE TREE

PID: 14-32-22-12-0004
OWNER: COLUMBUS TOWNSHIP

PID: 11-32-22-43-0003
OWNER: HUGHES JR, GEORGE B
8647 165TH AVE NE

NOTRE DAME STREET NE

PID: 11-32-22-43-0004
OWNER: BRETSON, KELLY
16625 NOTRE DAME ST NE

PID: 11-32-22-31-0009
OWNER: KING JAMES E & LAURA C
16726 NOTRE DAME ST NE

PID: 11-32-22-31-0008
OWNER: HERRICK JOHN D
16742 NOTRE DAME ST NE

PID: 11-32-22-31-0007
OWNER: BRUNE, KIRSTEN J
16748 NOTRE DAME ST NE

PID: 11-32-22-31-0011
OWNER: MONETTE JOSEPH P & TAMMY
16824 NOTRE DAME ST NE

PID: 11-32-22-31-0010
OWNER: MARK A DOROFF TRUST
16846 NOTRE DAME ST NE



SEE ABOVE

SEE SHEET C0.03

- NOTES:**
- THE EXACT REMOVAL LIMITS OF SIDEWALKS, DRIVEWAYS, BITUMINOUS PAVEMENT AND CURB & GUTTER WILL BE DETERMINED IN THE FIELD. ALL REMOVAL LIMIT EDGES SHALL BE SAW CUT PRIOR TO FINAL REMOVAL.
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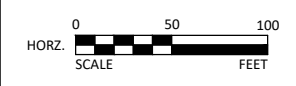
PID: 11-32-22-42-0007
OWNER: BLACKBURN JUSTIN E & MARI J
16735 NOTRE DAME ST NE

PID: 11-32-22-42-0006
OWNER: CINCOTTA ROBERT & MICHELLE
16751 NOTRE DAME ST NE

PID: 11-32-22-42-0005
OWNER: FRIESE KENDALL K & TINA M
16811 NOTRE DAME ST NE

PID: 11-32-22-42-0002
OWNER: CASSIDY HOWARD B & COLLEEN
M16827 NOTRE DAME ST NE

PID: 11-32-22-42-0011
OWNER: HELGET JESUP
16853 NOTRE DAME ST NE



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CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
EXISTING CONDITIONS & REMOVALS

SHEET
C0.02

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PID: 11-32-22-24-0006
OWNER: XIONG LEE PAO
16912 NOTRE DAME ST NE

PID: 11-32-22-24-0005
OWNER: SLOWINSKI LARRY S & TAMMERA E
16944 NOTRE DAME ST NE

PID: 11-32-22-24-0002
OWNER: STUDIER, JANINE M
17024 NOTRE DAME ST NE

PID: 11-32-22-24-0003
OWNER: OWEN ROBERT A & KAREN H
17064 NOTRE DAME ST NE



66' RIGHT-OF-WAY

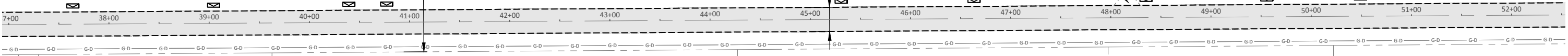
24' EXISTING PAVEMENT WIDTH

PROTECT EXISTING
CONCRETE DRIVEWAY

REMOVE MAILBOX (TYP.)

SEE SHEET CO.02

SEE BELOW



PID: 11-32-22-13-0011
OWNER: HALL ANTHONY C
16909 NOTRE DAME ST NE

PID: 11-32-22-13-0008
OWNER: MYERS LOGAN
16951 NOTRE DAME ST NE




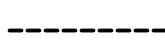
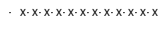


PID: 11-32-22-13-0003
OWNER: OHNSTAD, CARRIE
17015 NOTRE DAME ST NE

PID: 11-32-22-13-0002
OWNER: PRIESTER GREGORY J
17055 NOTRE DAME ST NE

PID: 11-32-22-12-0005
OWNER: KAEDING TRUSTEE, BRENDA J
17123 NOTRE DAME ST NE

NOTRE DAME STREET NE

REMOVALS LEGEND

-  MILL BITUMINOUS PAVEMENT 2.5" DEPTH
-  MILL BITUMINOUS PAVEMENT 4" DEPTH
-  REMOVE BITUMINOUS PAVEMENT
-  SAW CUT BITUMINOUS PAVEMENT
-  REMOVE STRIPING
-  REMOVE MAILBOX
-  REMOVE TREE

PID: 11-32-22-21-0010
OWNER: LARSON, BRIAN K
8560 172ND AVE NE

PID: 11-32-22-21-0006
OWNER: MERLIN, ROBIN A
17236 NOTRE DAME ST NE

PID: 02-32-22-34-0003
OWNER: DOTRAY KEITH H & LISA A
17350 NOTRE DAME ST NE



172ND AVE NE

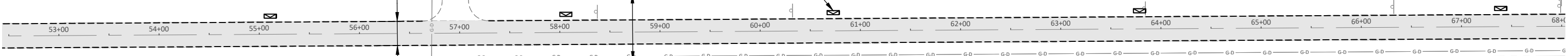
66' RIGHT-OF-WAY

REMOVE MAILBOX (TYP.)

24' EXISTING PAVEMENT WIDTH

SEE ABOVE

SEE SHEET CO.04



NOTES:

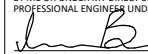
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PID: 11-32-22-12-0003
OWNER: WALTERS ARNOLD P
17211 NOTRE DAME ST NE

PID: 11-32-22-12-0002
OWNER: IND S. D. NO 831

PID: 02-32-22-43-00
OWNER: FOREST LA
17345 NOTRE DAM



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CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
EXISTING CONDITIONS & REMOVALS

SHEET

C0.03

PID: 02-32-22-34-0003
 OWNER: DOTRAY KEITH H & LISA A
 17350 NOTRE DAME ST NE

PID: 02-32-22-34-0002
 OWNER: CHANG, NOU
 17422 NOTRE DAME ST NE

PID: 02-32-22-31-0012
 OWNER: ROPER, ROBERT V
 17516 NOTRE DAME ST NE

PID: 02-32-22-43-0003
 OWNER: FOREST LAKE SCHOOL DIST #831
 17345 NOTRE DAME ST NE

PID: 02-32-22-43-0001
 OWNER: CROSSROADS COVENANT CHURCH
 17445 NOTRE DAME ST NE

PID: 02-32-22-42-0005
 OWNER: CHAMBERS, STEVEN B TRUSTEE
 17537 NOTRE DAME ST NE




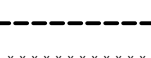



PID: 14-32-22-24-0013
 OWNER: TETRAULT LEO R & BONNIE J
 16303 KETTLE RIVER BLVD NE

PID: 14-32-22-12-0007
 OWNER: COLUMBUS TOWNSHIP
 16319 KETTLE RIVER BLVD NE

KETTLE RIVER ROAD / CR 62

NOTRE DAME STREET NE

REMOVALS LEGEND

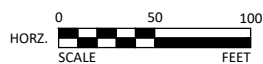
-  MILL BITUMINOUS PAVEMENT 2.5" DEPTH
-  MILL BITUMINOUS PAVEMENT 4" DEPTH
-  REMOVE BITUMINOUS PAVEMENT
-  SAW CUT BITUMINOUS PAVEMENT
-  REMOVE STRIPING
-  REMOVE MAILBOX
-  REMOVE TREE

SEE SHEET CO.03

SEE SHEET CO.01

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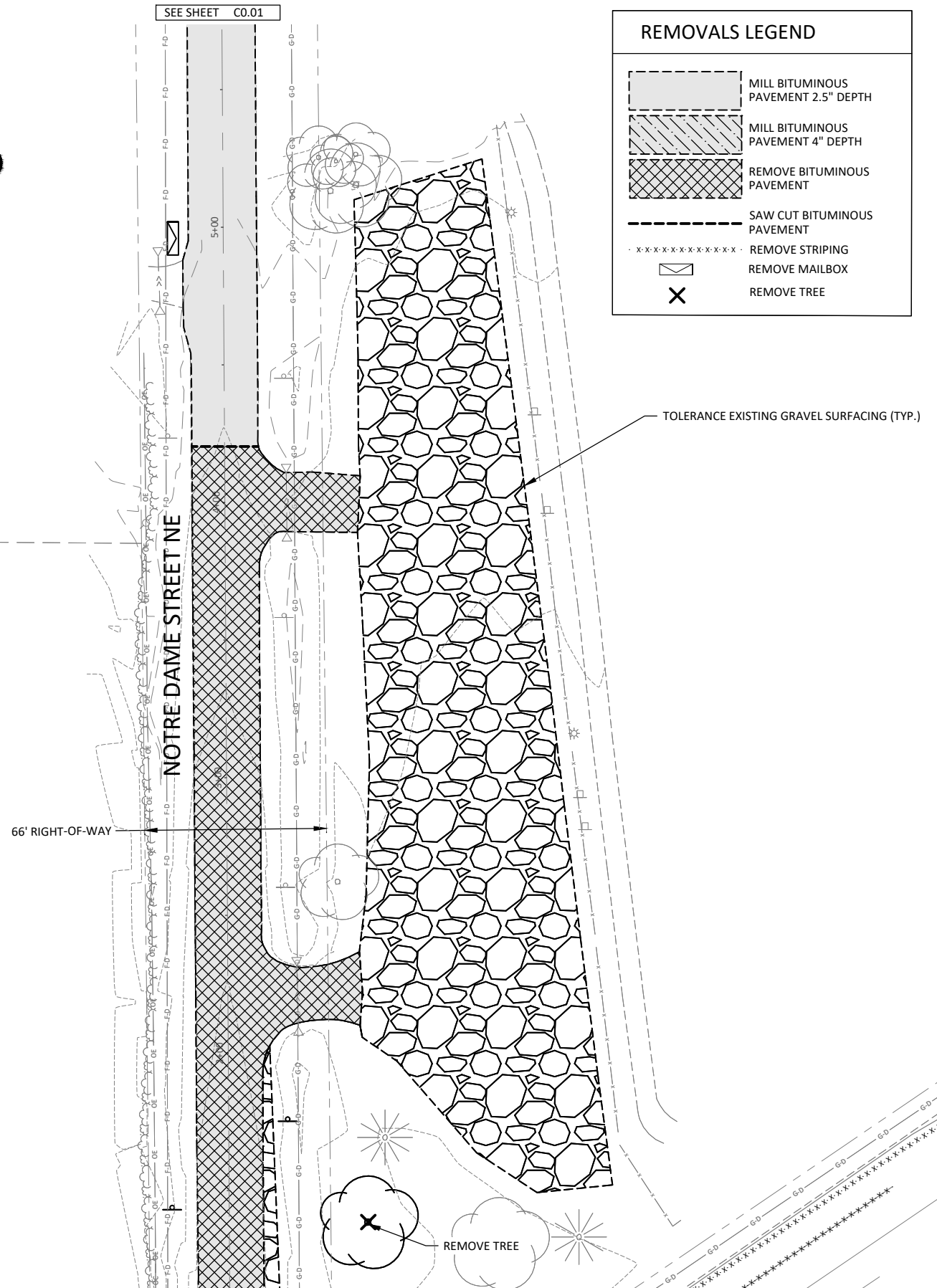


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CITY OF COLUMBUS
 NOTRE DAME STREET MILL AND OVERLAY
 EXISTING CONDITIONS & REMOVALS

SHEET
C0.04

SEE SHEET C0.01

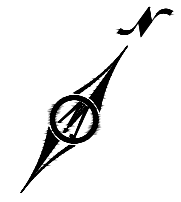
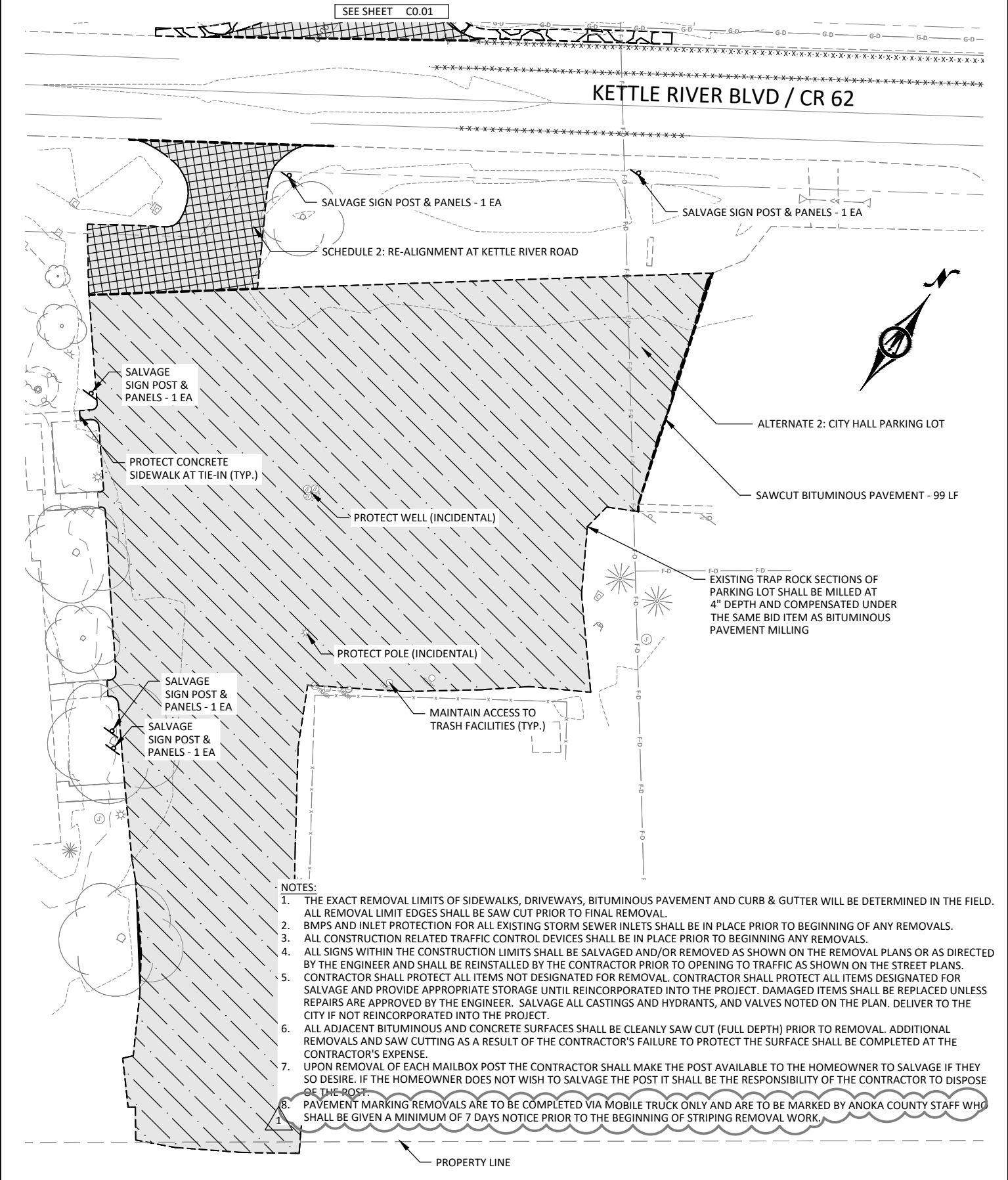


SEE SHEET C0.01

ALT. 1 - PARK PARKING LOT

REMOVALS LEGEND	
	MILL BITUMINOUS PAVEMENT 2.5" DEPTH
	MILL BITUMINOUS PAVEMENT 4" DEPTH
	REMOVE BITUMINOUS PAVEMENT
	SAW CUT BITUMINOUS PAVEMENT
	REMOVE STRIPING
	REMOVE MAILBOX
	REMOVE TREE

SEE SHEET C0.01



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ALT. 2 - CITY HALL PARKING LOT

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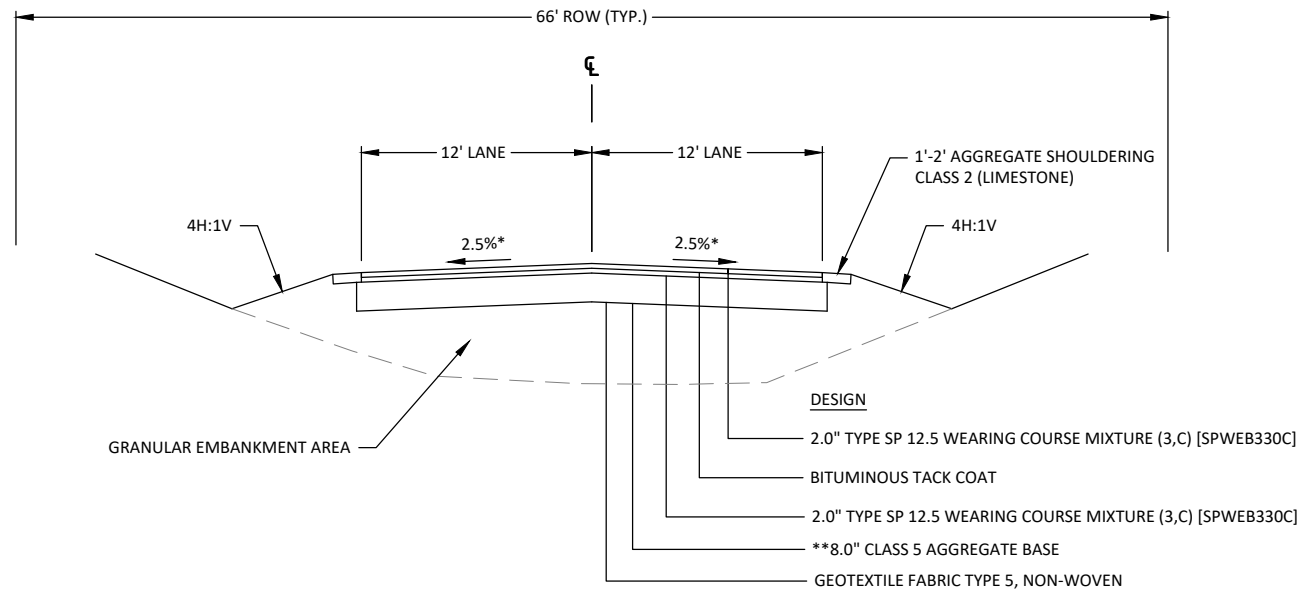
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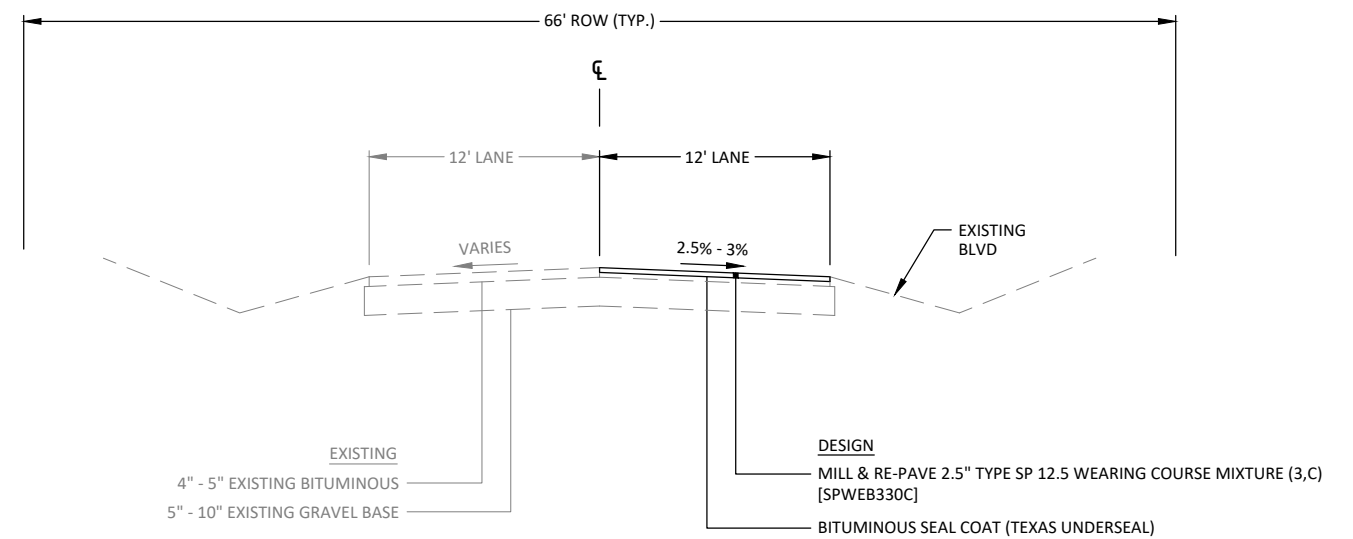
CITY OF COLUMBUS
 NOTRE DAME STREET MILL AND OVERLAY
 EXISTING CONDITIONS & REMOVALS

SHEET
C0.05



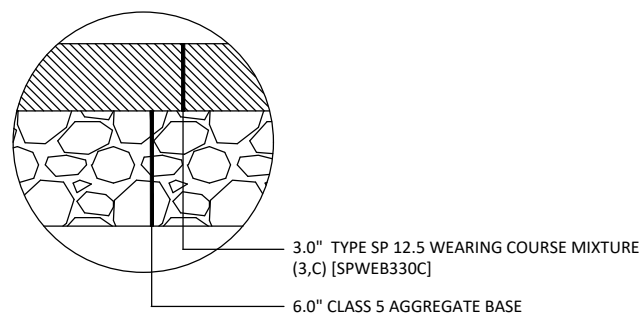
DETAIL A: FULL STREET SECTION

NOTRE DAME STREET NE STA 0+00 TO 3+90.00
 AND CITY HALL PARKING LOT SOUTH ENTRANCE
 *SEE SHEET C6.01 FOR EXTENTS OF SUPER ELEVATION
 **EXISTING AGGREGATE BASE TO BE SUPPLEMENTED FROM 2+09.52 TO 3+53.42



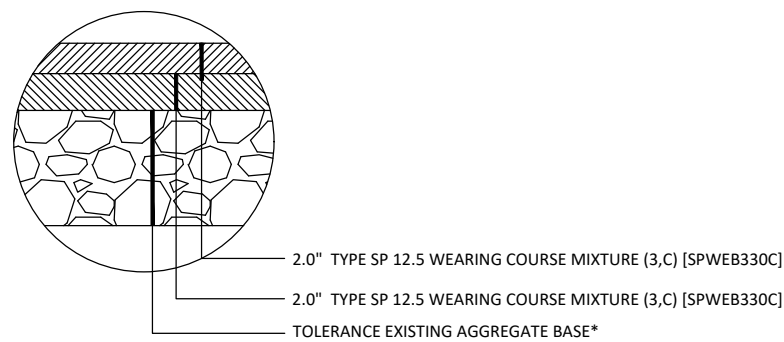
DETAIL B: MILL & OVERLAY 2.5"
 NOTRE DAME STREET NE STA 3+90.00 TO 76+34.11

BITUMINOUS DRIVEWAY



C TYPICAL SECTION
 CLASS 5 AGGREGATE BASE 6", PAVE 3"

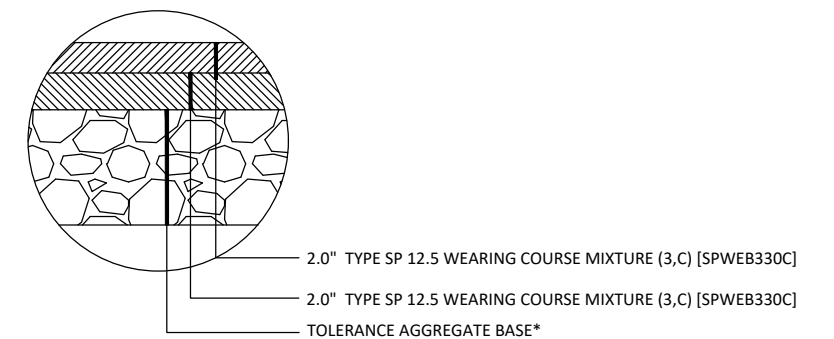
ALT. 1 PARK PARKING LOT BITUMINOUS PAVING (NEW PAVEMENT)



D TYPICAL SECTION
 TOLERANCE EXISTING GRAVEL, 4" BITUMINOUS PAVEMENT

*SUBGRADE CORRECTION AS NEEDED (AT DIRECTION OF THE ENGINEER. 1' SUBGRADE EXCAVATION AND CLASS 5 AGGREGATE BASE SUPPLEMENT.)

ALT. 2 - CITY HALL PARKING LOT BITUMINOUS PAVING (MILL AND NEW PAVEMENT)



E TYPICAL SECTION
 TOLERANCE EXISTING GRAVEL, 4" BITUMINOUS PAVEMENT

*SUBGRADE CORRECTION AS NEEDED (AT DIRECTION OF THE ENGINEER. 1' SUBGRADE EXCAVATION AND CLASS 5 AGGREGATE BASE SUPPLEMENT.)

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 Isiah Bubany
 LIC. NO. 61842 DATE 03/11/2026



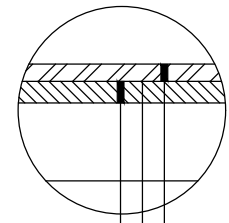
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CHECKED	CAQ		
CLIENT PROJ. NO.	26X.142540000		

CITY OF COLUMBUS
 NOTRE DAME STREET MILL AND OVERLAY
 TYPICAL SECTION & DETAILS

SHEET
C1.01



2.0" TYPE SP 12.5 WEARING COURSE (3,C) (SPWEB330C)
 BITUMINOUS TACK COAT
 2.0" TYPE SP 12.5 WEARING COURSE (3,C) (SPWEB330C)

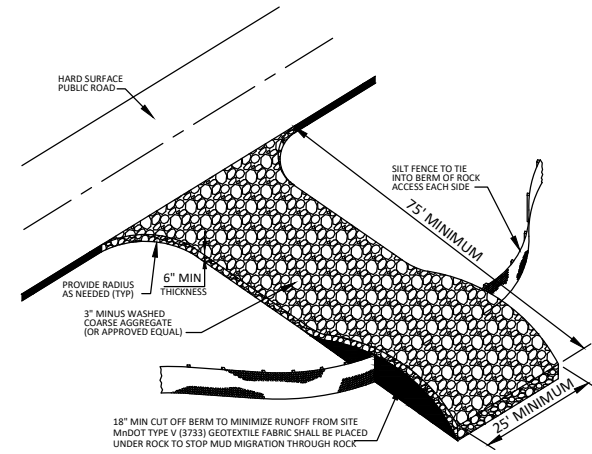
BITUMINOUS PATCH SECTION
 NOT TO SCALE

BITUMINOUS PATCH DETAIL (MODIFIED)

DETAIL PLATE NO:
 1-100



DATE: NOVEMBER, 2021



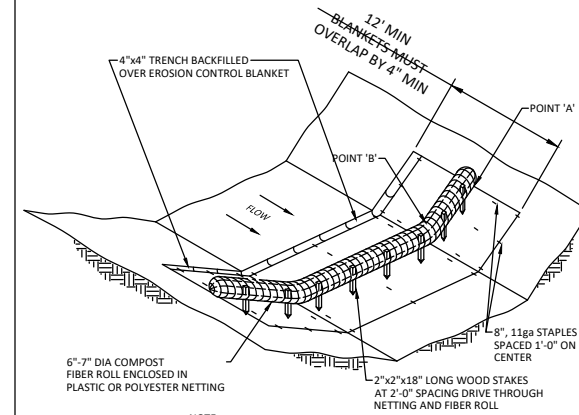
ROCK CONSTRUCTION ENTRANCE
 NOT TO SCALE

ROCK CONSTRUCTION ENTRANCE

DETAIL PLATE NO:
 3-502



DATE: NOVEMBER, 2021



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 NOT TO SCALE

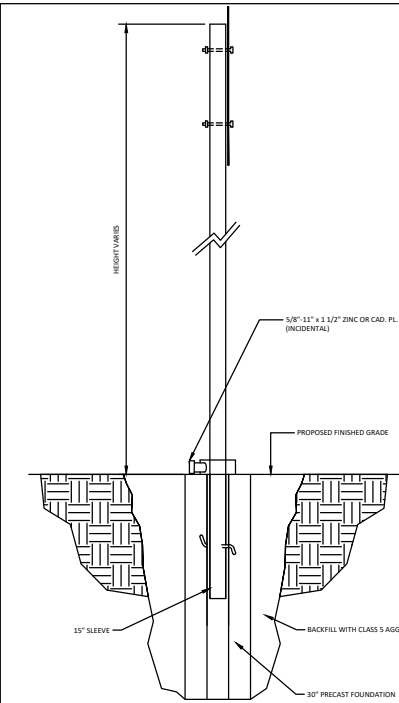


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SEDIMENT CONTROL LOG
 BIO LOG



NOV 2022
 STD. DETAIL
 603B



NEW SIGN POST INSTALLATION
 NOT TO SCALE

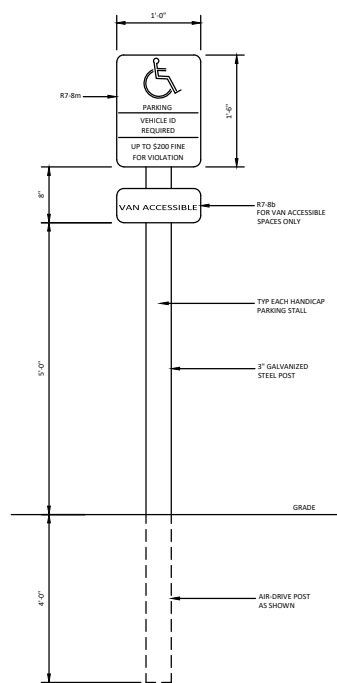


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NEW SIGN POST
 INSTALLATION



NOV 2022
 STD. DETAIL
 704



DISABLED PARKING SIGN
 NOT TO SCALE



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DISABLED
 PARKING SIGN



NOV 2022
 STD. DETAIL
 705

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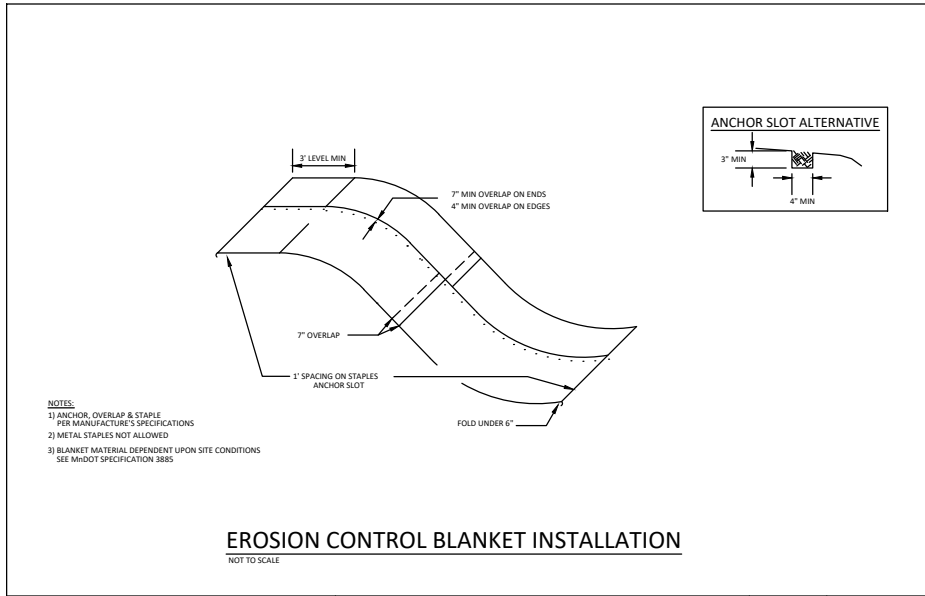


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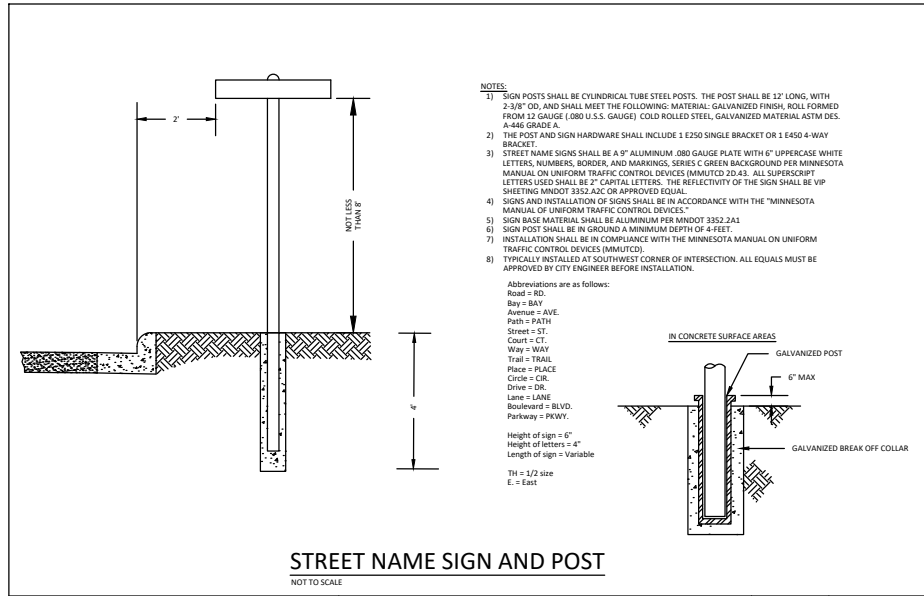
CITY OF COLUMBUS
 NOTRE DAME STREET MILL AND OVERLAY
 CITY STANDARD DETAILS

SHEET

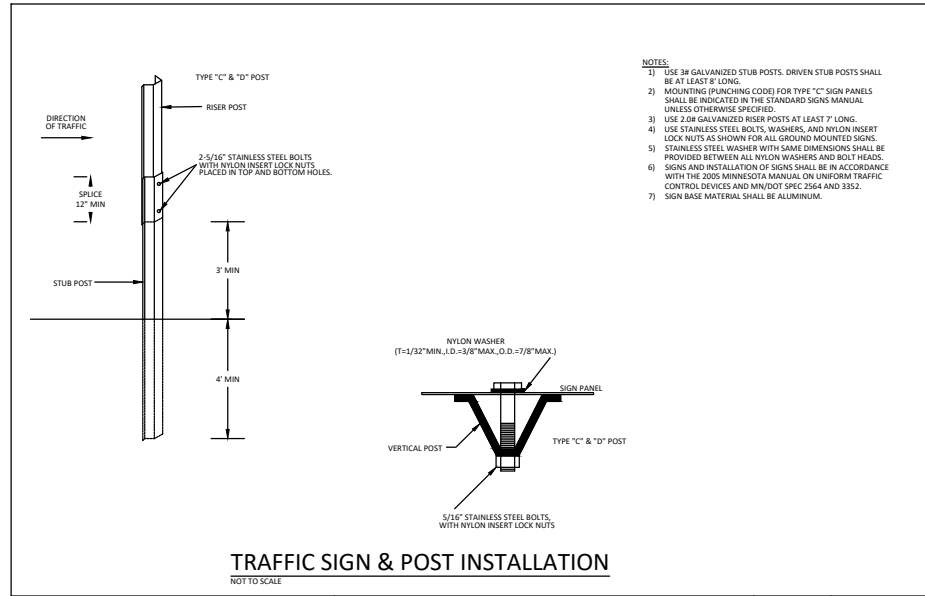
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BOLTON & MENK <small>7513 SUNWOOD DR NW, SUITE 206 RANGY, MINNESOTA 55303 Phone: (763) 433-2813 Email: Sales@bolton-menk.com www.bolton-menk.com</small>	EROSION CONTROL BLANKET INSTALLATION	COLUMBUS <small>City of Columbus</small>	NOV 2022
			STD. DETAIL 606



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			STD. DETAIL 701



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			STD. DETAIL 702

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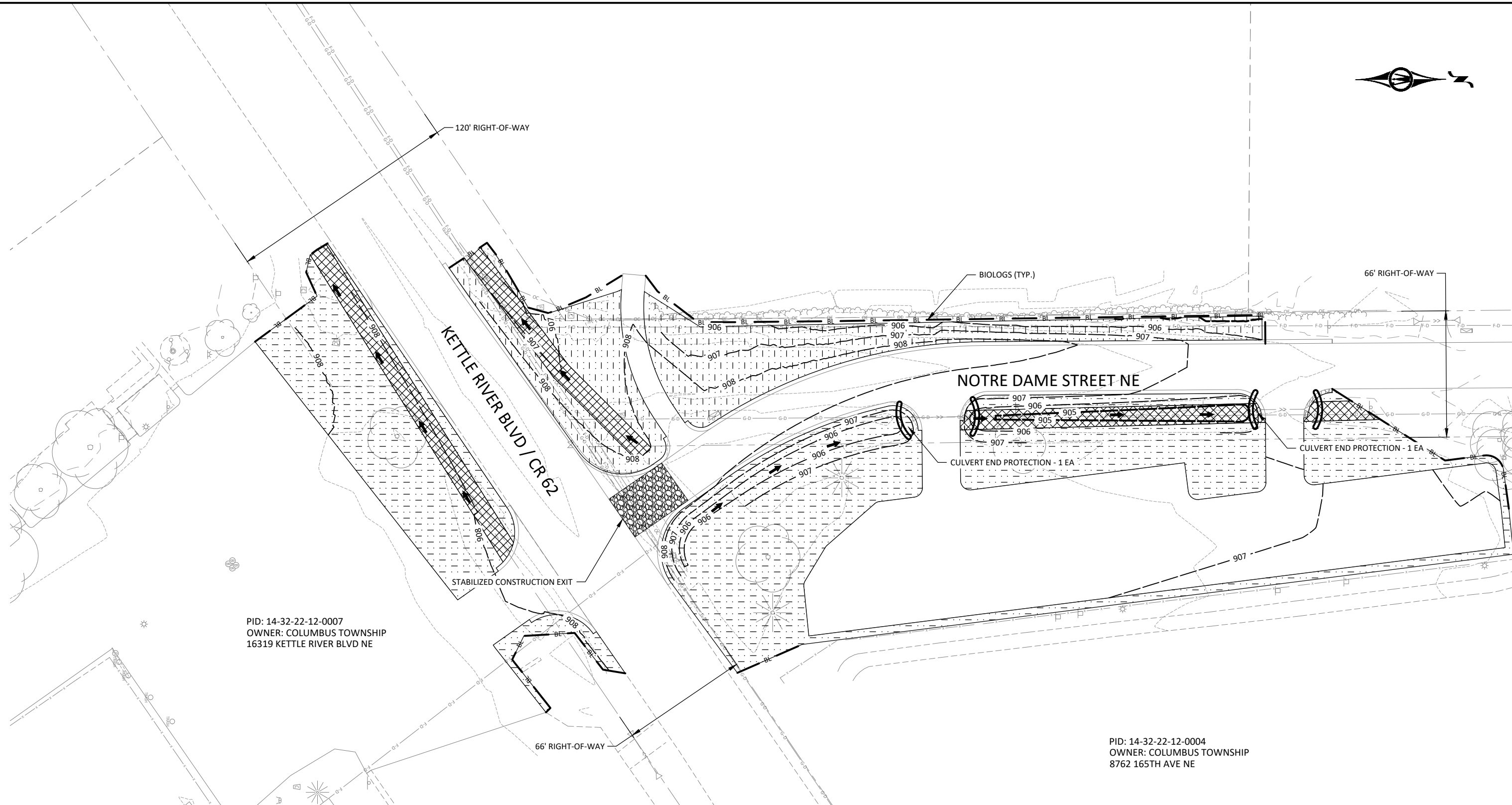
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CITY OF COLUMBUS
 NOTRE DAME STREET MILL AND OVERLAY
 CITY STANDARD DETAILS

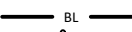



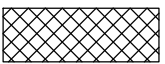
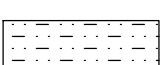
SHEET
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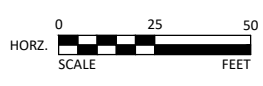


PID: 14-32-22-12-0007
 OWNER: COLUMBUS TOWNSHIP
 16319 KETTLE RIVER BLVD NE

PID: 14-32-22-12-0004
 OWNER: COLUMBUS TOWNSHIP
 8762 165TH AVE NE

- NOTES:**
1. CULVERTS NOTED TO RECEIVE INLET PROTECTION, BOTH EXISTING AND PROPOSED, SHALL HAVE INLET PROTECTION INSTALLED PRIOR TO DISTURBANCE AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
 2. DISCHARGE OF SEDIMENT TO DELINEATED WETLANDS SHALL BE PROHIBITED. ANY SEDIMENT DISCHARGED TO WETLANDS DUE TO CONTRACTOR'S NEGLIGENCE OF EROSION CONTROL MEASURES SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE.
 3. REESTABLISH ALL DISTURBED SOIL WITH EROSION CONTROL BLANKET, FERTILIZER, AND SEED MIX AS SHOWN.
 4. DITCH CHECKS SHALL HAVE MAINTENANCE PERFORMED FOLLOWING SUBSTANTIAL RAIN EVENTS FOR PONDING, EROSION, AND LODGED DEBRIS WITHIN THE BMP.

EROSION CONTROL LEGEND	
	BIOLGS
	RIP RAP
	INLET PROTECTION
	CULVERT END PROTECTION
	TURF RESTORATION, SEED MIXTURE SOUTHERN BOULEVARD, AND BLANKET CAT 20
	TURF RESTORATION, SEED MIXTURE SOUTHERN BOULEVARD, AND HYDRAULIC BONDED FIBER MATRIX



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CAQ	26X.142540000

CITY OF COLUMBUS
 NOTRE DAME STREET MILL AND OVERLAY
 EROSION CONTROL PLAN

SHEET
C2.01

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Information contained in this SWPPP narrative sheet summarizes requirements of the GENERAL PERMIT AUTHORIZATION TO DISCHARGE STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM/STATE DISPOSAL SYSTEM PROGRAM - Permit No: MN R100001 (Permit) as they apply to this project. All provisions of the Permit including those not specifically cited herein shall apply to this project. The Contractor is responsible to be familiar with and comply with all conditions of the permit. The full text of the Permit is available at: <https://www.pca.state.mn.us/sites/default/files/wq-strm2-80a.pdf>

SWPPP AMENDMENTS AND SUBMITTALS

Contractor must prepare and submit to the Engineer a SWPPP amendment as necessary to include additional Best Management Practices (BMPs) to correct problems identified or address the following situations.

1. Contact information and training documentation for Construction SWPPP Manager and BMP Installer,
2. There is a change in construction method of phasing, operation, maintenance, weather or seasonal conditions not anticipated during the design of the SWPPP including but not limited to:
 - a. Types and/or Locations of BMPs
 - b. Material Storage and Spill Response
 - c. Fueling Plans
 - d. Locations for Stockpiles, Concrete Washout, and Sanitation Facilities and
 - e. Project Phasing
3. It is determined that the SWPPP is not achieving objectives of minimizing pollutants in stormwater discharges associated with construction activity, or
4. The SWPPP is not consistent with the terms and conditions of the permit.

The Contractor may implement SWPPP amendments immediately and is not required to wait for Engineer review of the submittal. The responsibility for completeness of SWPPP amendments and compliance with the Permit lies with the Contractor. Review, comment, or lack of comment by the Engineer on a SWPPP amendment shall not absolve the responsibilities of the Contractor in any way.

If a change order is issued for a design change the SWPPP amendment will be prepared by the Engineer and included in the change order.

In addition to SWPPP amendments, the Contractor shall submit to the Engineer Weekly Erosion and Sediment Control Schedule meeting the requirements of MnDOT 1717.

The Contractor shall keep copies of all SWPPP amendments, Weekly Erosion and Sediment Control Schedules, inspection logs, and maintenance logs with the field copy of the SWPPP. A PDF copy of these documents will be provided along with a copy of the final Field Copy of the SWPPP to the Engineer along with the signed Notice of Termination when final stabilization is complete.

EROSION PREVENTION PRACTICES

Stormwater conveyance channels shall be routed around unstabilized areas. Erosion controls and velocity dissipation devices shall be used at outlets within and along the length of any constructed conveyance channel.

The normal wetted perimeter of all ditches or swales, including storm water management pond slopes, that drain waters from the site must be stabilized within 200' of any property edge or discharge point, including storm sewer inlets, within 24 hours of connection.

Temporary or permanent ditches or swales used as sediment containment during construction do not need to be stabilized during temporary period of use and shall be stabilized within 24 hours after no longer used as sediment containment.

Mulch, hydromulch, tackifier, or similar practice shall not be used in any portion of the wetted perimeter of a temporary or permanent drainage ditch or swale section with a continuous slope of greater than 2 percent.

Energy dissipation shall be installed at all temporary or permanent pipe outlets within 24 hours of connection to a surface water or permanent stormwater treatment system.

The Contractor shall phase construction and use construction methods to the extent practical to minimize exposed soils. The project phasing shall be documented in the Weekly Erosion and Sediment Control Schedule.

SEDIMENT CONTROL PRACTICES

Down gradient BMPs including perimeter BMPs must be in place before up gradient land- disturbing activities begin and shall remain in place until final stabilization.

All BMPs that have been adjusted or removed to accommodate short-term activities shall be re-installed or replaced the earlier of the end of the work day or before the next precipitation event even if the activity is not complete.

Inlet BMPs may be removed for specific safety concerns. The BMPs shall be replaced as soon as the safety concern is resolved. The removal shall be documented in the SWPPP as a SWPPP amendment.

Temporary stockpiles must have sediment control BMPs. The Contractor shall prepare and submit to the Engineer a SWPPP amendment showing the location of temporary stockpiles and the BMPs for each stockpile. The SWPPP amendment must meet the minimum requirements of Section 9 of the Permit.

Soil compaction shall be minimized and topsoil shall be preserved, unless infeasible or if construction activities dictate soil compaction or topsoil stripping.

The use of polymers, flocculants, or other sedimentation treatment chemicals are not proposed as part of this SWPPP as designed by the Engineer. If methods or phasing of construction require the use of any of these chemicals, the Contractor shall prepare and submit to the Engineer a SWPPP amendment that meets the minimum requirements of Section 9 of the Permit.

TEMPORARY SEDIMENTATION BASINS

A temporary sedimentation basin has not been included in this SWPPP as designed by the Engineer. If a basin is later determined to be desirable or necessary the Contractor shall prepare and submit to the Engineer a SWPPP amendment. Temporary sedimentation basins shall meet or exceed the minimum requirements of Section 14 of the Permit and shall include a basin draining plan meeting or exceeding the minimum requirements of Section 10 of the Permit. Where the site discharges to Special and/or Impaired Waters the SWPPP amendment shall also meet or exceed the minimum requirements of Section 23 of the permit.

DEWATERING

A dewatering plan has not been included in this SWPPP as designed by the Engineer. If dewatering is required for this project, the Contractor shall prepare and submit to the Engineer a SWPPP amendment. All dewatering shall meet or exceed the minimum requirements of Section 10 of the Permit.

POLLUTION PREVENTION

Products and materials that have the potential to leach pollutants that are stored on the site must be stored in a manner designed to minimize contact with stormwater. Materials that are not a source of potential contamination to stormwater or that are designed for exposure to stormwater are not required to be covered.

Hazardous materials including but not limited to pesticides, fertilizer, petroleum products, curing compounds and toxic waste must be properly stored and protected from stormwater exposure as recommended by the manufacturer in an access restricted area.

Solid waste must be stored, collected and disposed of in compliance with Minnesota Administrative Rules Chapter 7035.

Portable toilets must be positioned so that they are secure and will not be tipped or knocked over. Sanitary waste must be disposed of properly in accordance with Minn. R. CH 7041.

Exterior vehicle or equipment washing on the project site shall be limited to a defined area of the site. No engine degreasing is allowed on site. A sign must be installed adjacent to each washout facility that requires site personnel to utilize the proper facilities for disposal of concrete and other washout wastes.

The Contractor shall prepare and submit a SWPPP amendment detailing the location and BMPs proposed for storage of materials, solid waste, portable toilets, and exterior vehicle or equipment washing on the site. The SWPPP amendment shall include a spill prevention and response plan that is appropriate for the materials proposed to be on the site. The SWPPP amendment shall meet or exceed the minimum requirements of Section 12 of the Permit.

INSPECTION & MAINTENANCE

A trained person shall routinely inspect the entire construction site at the time interval indicated on this sheet of the SWPPP during active construction and within 24-hours after a rainfall event greater than 0.5 inches in 24 hours. Following an inspection that occurs within 24-hours after a rainfall event, the next inspection must be conducted at the time interval indicated in the Receiving Waters Table found on the SITE PLAN AND INFORMATION SHEET of the SWPPP.

All inspections and maintenance conducted during construction must be recorded on the day it is completed and must be retained with the SWPPP. Inspection report forms are available in the Project Specifications. Inspection report forms other than those provided shall be approved by the engineer.

The Contractor may request a change in inspection schedule for the following conditions:

- a. Inspections of areas with permanent cover to be reduced to once per month,
- b. Inspections of areas that have permanent cover and have had no construction activity for 12 months to be suspended until construction resumes,
- c. Inspections of areas where construction is suspended due to frozen ground conditions, inspections to be suspended until the earlier of within 24 hours of runoff occurring, or upon resuming construction.

No change in inspection schedule shall occur until authorized by the Engineer.

Inspections must include:

1. All erosion prevention and sediment control BMPs and Pollution Prevention Management Measures to ensure integrity and effectiveness.
2. Surface waters, including drainage ditches and conveyance systems for evidence of erosion and sediment deposition.
3. Construction site vehicle exit locations, streets and curb and gutter systems within and adjacent to the project for sedimentation from erosion or tracked sediment from vehicles.
4. Infiltration areas to ensure that no sediment from ongoing construction activity is reaching the infiltration area and that equipment is not being driven across the infiltration area.

All non-functioning BMPs and those BMPs where sediment reaches one-half (1/2) of the depth of the BMP, or in the case of sediment basins one-half (1/2) of the storage volume, must be repaired, replaced, or supplemented by the end of the next business day after discovery, or as soon as field conditions allow.

Permittees must repair, replace or supplement all nonfunctional BMPs with functional BMPs by the end of the next business day after discovery, or as soon as field conditions allow.

Any sediment that escapes the site must be removed and the area stabilized within 7 calendar days of discovery unless precluded by legal, regulatory, or physical access in which case the work shall be completed within 7 calendar days of authorization. Paved surfaces such as streets shall have any escaped or tracked sediment removed by the end of the day that it is discovered. Sediment release, other than paved surfaces that can be cleaned up with street sweeping shall be reported immediately upon discovery to the Engineer.

PUBLIC WATER RESTRICTIONS:

For public waters that have been promulgated "work in water restrictions" during fish spawning time frames, all exposed soil areas that are within 200 feet of the water's edge, and drain to these waters must complete stabilization within 24-hours during the time period. MN DNR permits are not valid for work in waters that are designated as infested waters unless accompanied by an Infested Waters Permit or written notification has been obtained from MN DNR stating that such permit is not required. There is no exception for pre-existing permits. If a MN DNR Permit has been issued for the project and the water is later designated as infested, the Contractor shall halt all work covered by the MN DNR Permit until an Infested Waters Permit is obtained or that written notification is obtained stating that such permit is not required.

FINAL STABILIZATION

Final Stabilization is not complete until all the following requirements have been met:

1. Substantial Completion has been reached and no ground disturbing activities are anticipated.
2. Permanent cover has been installed with an established minimum uniform perennial vegetation density of 70 percent of its expected final growth. Vegetation is not required in areas where no vegetation is proposed by this project such as impervious surfaces or the base of a sand filter.

3. Accumulated sediment has been removed from all permanent stormwater treatment systems as necessary to ensure the system is operating as designed.
4. All sediment has been removed from conveyance systems
5. All temporary synthetic erosion prevention and sediment control BMPs have been removed. BMPs designated on the SWPPP to remain to decompose on-site may remain.
6. For residential construction only, permit coverage terminates on individual lots if the structures are finished and temporary erosion prevention and downgradient perimeter control is complete, the residence sells to the homeowner, and the permittee distributes the MPCA's "Homeowner Fact Sheet" to the homeowner.
7. For agricultural land only (e.g., pipelines across cropland), the disturbed land must be returned to its preconstruction agricultural use prior to submitting the NOT.

SITE STABILIZATION COMPLETION:

Stabilization of exposed soils shall begin immediately and shall be completed after the construction activity has temporarily or permanently ceased no later than:	14 calendar days
--	------------------

SITE INSPECTION INTERVAL:

A trained person shall routinely inspect the entire construction site during active construction at an interval of no more than:	7 calendar days
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SPECIAL ENVIRONMENTAL CONSIDERATIONS AND PERMITS:

1) Was an environmental review required for this project or any part of a common plan of development or sale that includes all or any portion of this project?	NO
2) Does any portion of the site have the potential to affect threatened or endangered species or their critical habitat?	NO
3) Does any portion of this site discharge to a Calcareous fen.	NO
4) Will any portion of the site potentially affect properties listed on the National Register of Historic Places or a known or discovered archeological site?	NO
5) Have any Karst features been identified in the project vicinity?	NO
6) Is compliance with temporary or permanent stormwater management design requirements infeasible for this project?	NO
7) Has the MN DNR promulgated "work in water restrictions" for any Public Water this site discharges to during fish spawning?	NO

TYPE OF PERMIT	PERMITTING AGENCY	PERMIT STATUS AND CONDITIONS
Construction Stormwater NPDES	MPCA	IN PROGRESS

SWPPP DESIGNER TRAINING DOCUMENTATION:

UNIVERSITY OF MINNESOTA

Katelyn E. Younger

Design of Construction SWPPP (May 31 2028)

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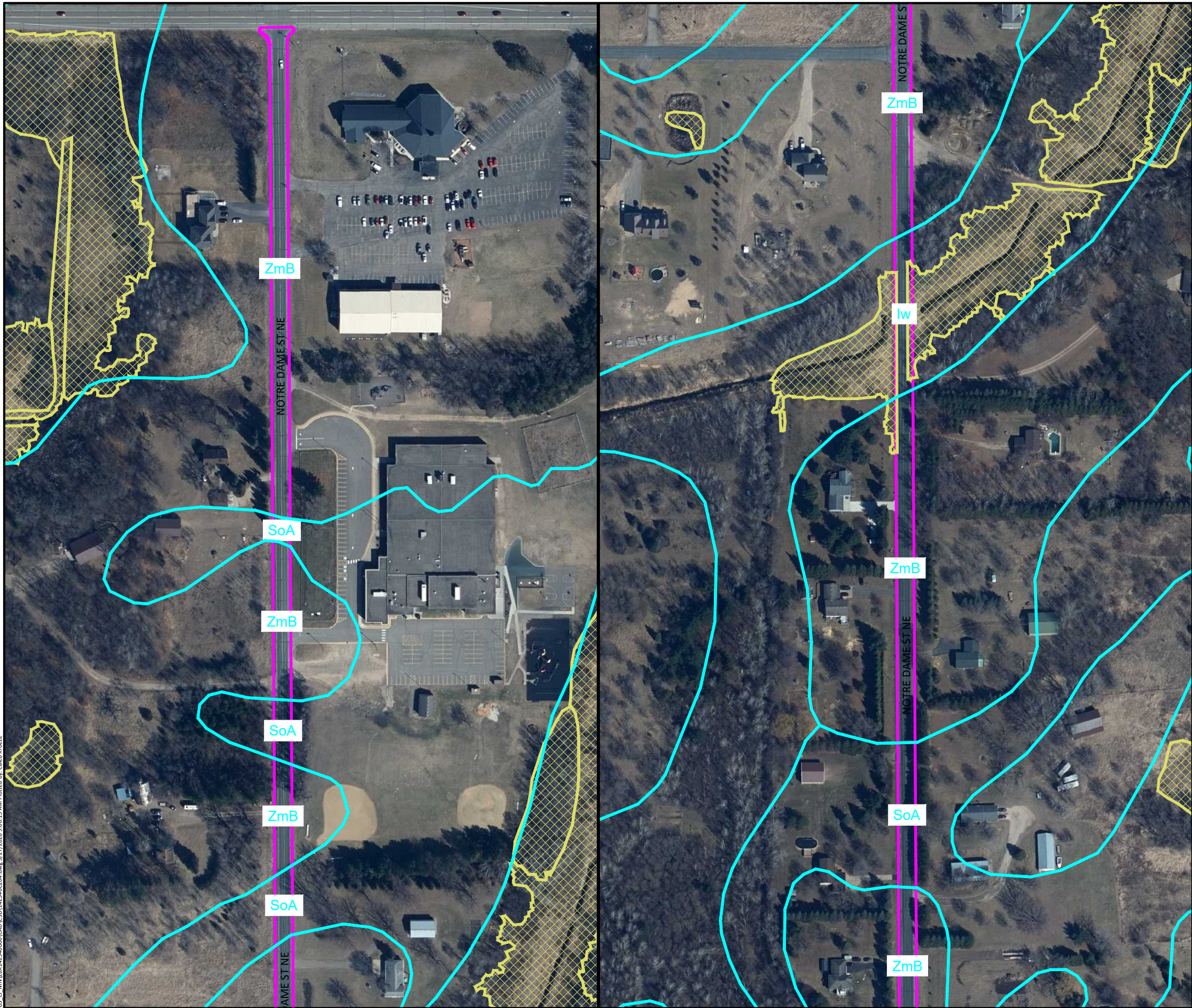
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CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
SWPPP NARRATIVE

SHEET
C2.03



LEGEND

- PROJECT BOUNDARY
- SOIL TYPE
- NATIONAL WETLANDS INVENTORY



SOIL TYPE SUMMARY

Map Unit Symbol	Soil Name	Hyd. Soil Group
lw	ISANTI FINE SANDY LOAM	A/D
SoA	SODERVILLE FINE SAND, 0 TO 3 PERCENT SLOPES	A/D
ZmA	ZIMMERMAN FINE SAND, 0 TO 2 PERCENT SLOPES	A
ZmB	ZIMMERMAN FINE SAND, 1 TO 6 PERCENT SLOPES	A
ZmC	ZIMMERMAN FINE SAND, 6 TO 12 PERCENT SLOPES	A
ZmD	ZIMMERMAN FINE SAND, 12 TO 24 PERCENT SLOPES	A

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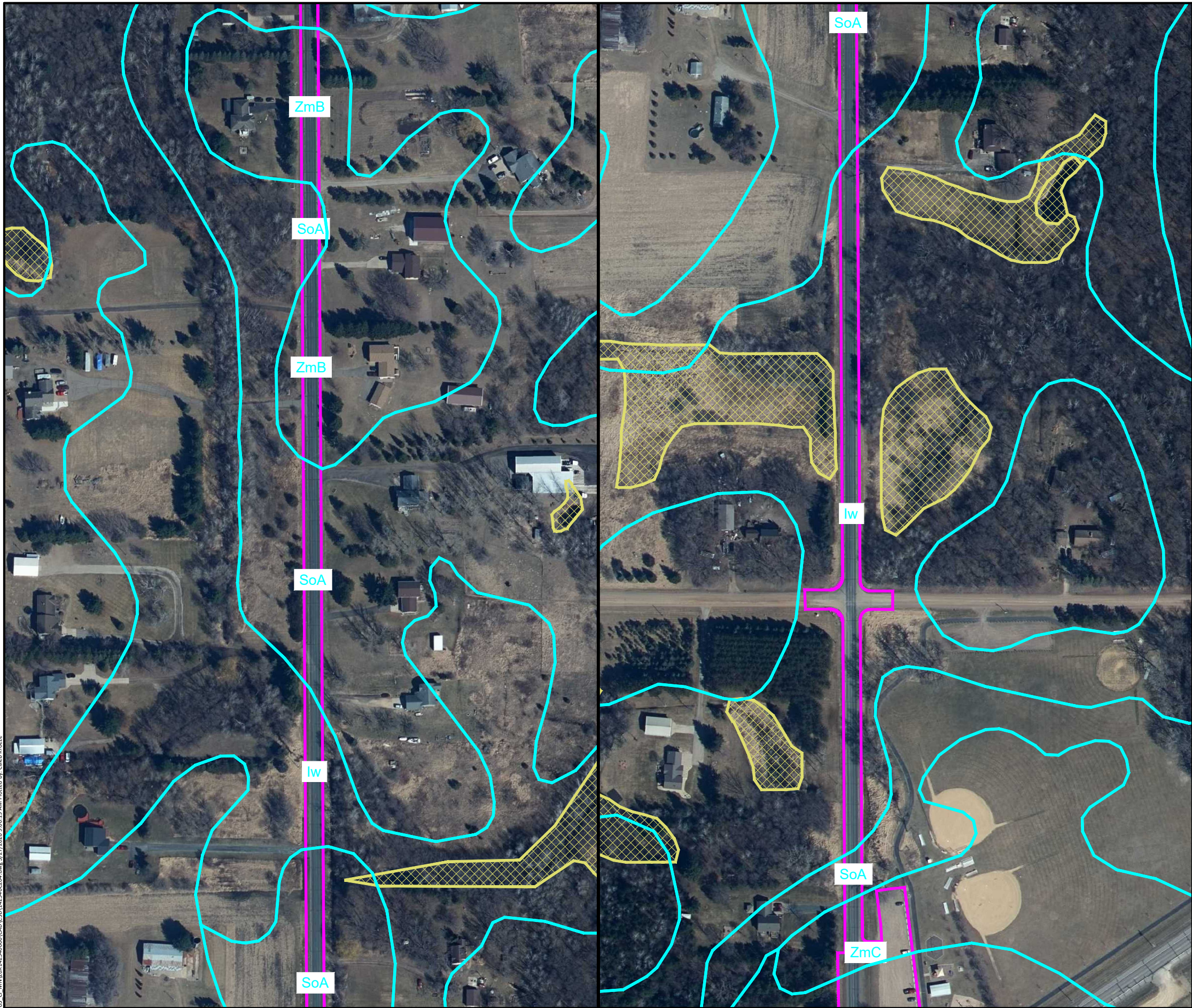
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CJK	1	CO.1	04/22/2026
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CAQ			
CLIENT PROJ. NO.			
26X-142540000			

CITY OF COLUMBUS
 NOTRE DAME STREET MILL AND OVERLAY
 SWPPP SOILS

SHEET
C2.04



LEGEND

- PROJECT BOUNDARY
- SOIL TYPE
- NATIONAL WETLANDS INVENTORY



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Isiah Bubany
 Isiah Bubany
 LIC. NO. 61842 DATE 03/11/2026



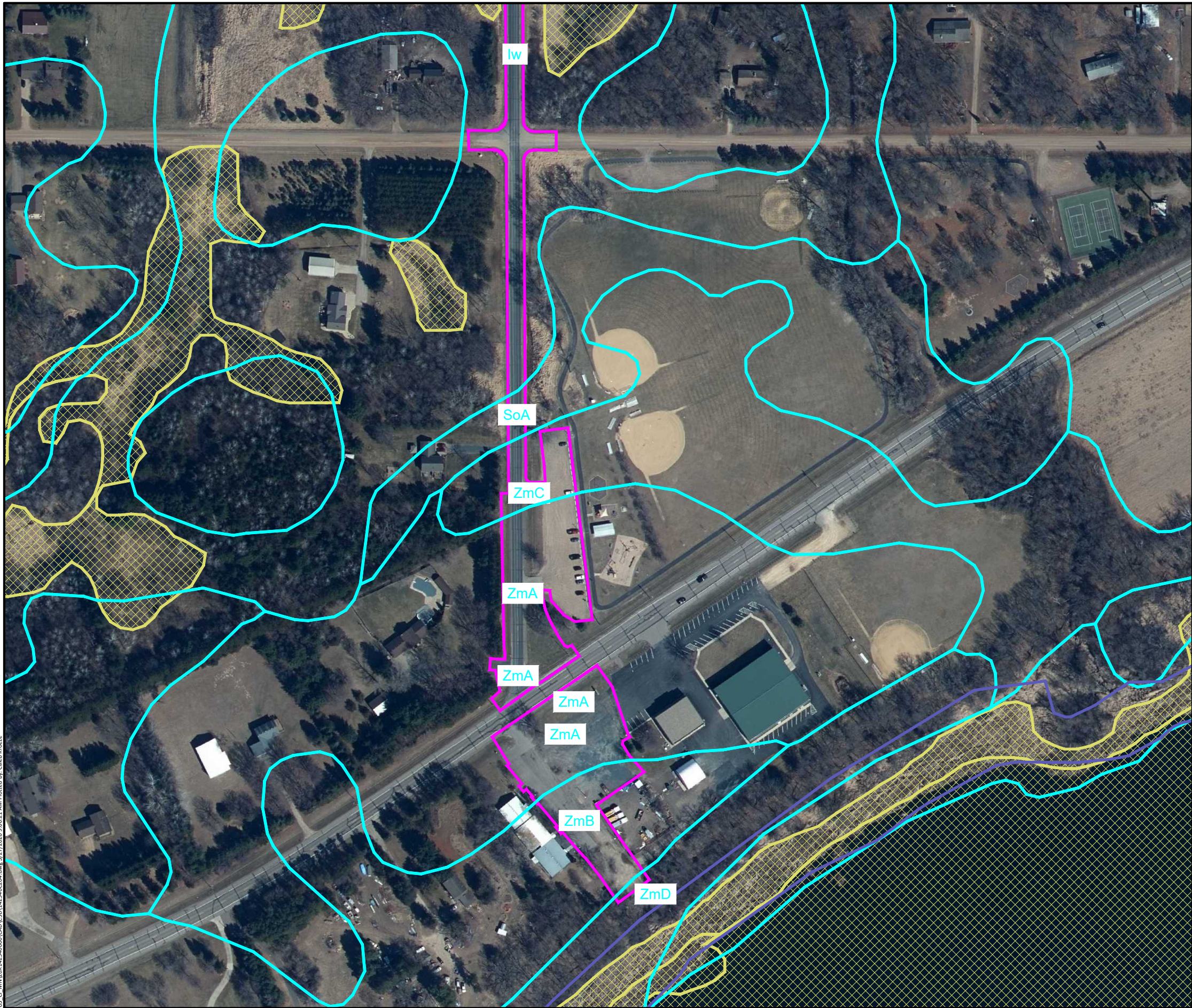
3507 HIGH POINT DRIVE NORTH
 BLDG. 1 - SUITE E130
 OAKDALE, MN 55128
 Phone: (651) 704-9970
 Email: Oakdale@bolton-menk.com
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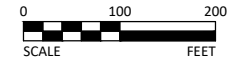
CITY OF COLUMBUS
 NOTRE DAME STREET MILL AND OVERLAY
 SWPPP SOILS

SHEET
C2.05



LEGEND

- PROJECT BOUNDARY
- SOIL TYPE
- NATIONAL WETLANDS INVENTORY
- RECEIVING WATERS



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ICB/CJK	CJK	CAQ	26X-142540000

CITY OF COLUMBUS		SHEET C2.06
NOTRE DAME STREET MILL AND OVERLAY		
SWPPP SOILS		

PID: 14-32-22-21-0007
OWNER: GANGL TRUSTEE MICHAEL S
8534 165TH AVE NE

PID: 11-32-22-34-0005
OWNER: TEWALT ASHLEY RENE A
8585 165TH AVE NE

PID: 11-32-22-34-0008
OWNER: COCKBURN ROBERT C & ROSANNE

PID: 11-32-22-34-0009
OWNER: COCKBURN ROBERT C & ROSANNE
16630 NOTRE DAME ST NE



SEE SHEET C6.01

SEE BELOW

PID: 14-32-22-12-0004
OWNER: COLUMBUS TOWNSHIP
8762 165TH AVE NE

PID: 11-32-22-43-0003
OWNER: HUGHES JR, GEORGE B
8647 165TH AVE NE

PID: 11-32-22-43-0004
OWNER: BRETSON, KELLY
16625 NOTRE DAME ST NE

NOTRE DAME STREET NE

PID: 11-32-22-31-0009
OWNER: KING JAMES E & LAURA C
16726 NOTRE DAME ST NE

PID: 11-32-22-31-0008
OWNER: HERRICK JOHN D
16742 NOTRE DAME ST NE

PID: 11-32-22-31-0007
OWNER: BRUNE, KIRSTEN J
16748 NOTRE DAME ST NE

PID: 11-32-22-31-0011
OWNER: MONETTE JOSEPH P & TAMMY
16824 NOTRE DAME ST NE

PID: 11-32-22-31-0010
OWNER: MARK A DOROFF TRUST
16846 NOTRE DAME ST NE



SEE ABOVE

SEE SHEET C6.03

PID: 11-32-22-43-0005
OWNER: WOLLENBERG JULIE L
16655 NOTRE DAME ST NE

NOTES:

1. PAVEMENT SLOPES AT INTERSECTION LOCATIONS MAY VARY FROM THOSE SHOWN ON THE TYPICAL SECTIONS
2. PROVIDE FOR A SAW-CUT WHERE PLACING NEW PAVEMENT IS INSTALLED ADJACENT TO EXISTING PAVEMENT.
3. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH UTILITY OWNERS TO RELOCATE AND PROTECT PRIVATE UTILITIES AS NECESSARY TO CONSTRUCT STREET AND UTILITIES.

PID: 11-32-22-42-0007
OWNER: BLACKBURN JUSTIN E & MARI J
16735 NOTRE DAME ST NE

PID: 11-32-22-42-0006
OWNER: CINCOTTA ROBERT & MICHELLE
16751 NOTRE DAME ST NE

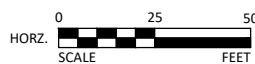
PID: 11-32-22-42-0005
OWNER: FRIESE KENDALL K & TINA M
16811 NOTRE DAME ST NE

PID: 11-32-22-42-0002
OWNER: CASSIDY HOWARD B & COLLEEN
M16827 NOTRE DAME ST NE

PID: 11-32-22-42-0011
OWNER: HELGET JESUP
16853 NOTRE DAME ST NE

DRIVEWAY SURFACE LEGEND:

- | | |
|------------------|-------------------------|
| (B) BITUMINOUS | (G) GRAVEL - CLASS 5 |
| (C) CONCRETE | (GL) GRAVEL - LIMESTONE |
| (P) BRICK PAVERS | (GB) GRAVEL - TRAP ROCK |



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Isiah Bubany
Isiah Bubany
LIC. NO. 61842 DATE 03/11/2026



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CHECKED			
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CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
STREET PLAN

SHEET

C6.02

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PID: 11-32-22-24-0006
OWNER: XIONG LEE PAO
16912 NOTRE DAME ST NE

PID: 11-32-22-24-0005
OWNER: SLOWINSKI LARRY S & TAMMERA E
16944 NOTRE DAME ST NE

PID: 11-32-22-24-0002
OWNER: STUDIER, JANINE M
17024 NOTRE DAME ST NE

PID: 11-32-22-24-0003
OWNER: OWEN ROBERT A & KAREN H
17064 NOTRE DAME ST NE



66' RIGHT-OF-WAY

CONSTRUCT 24' PAVEMENT SECTION
PER DETAIL B, SHEET C1.01

PROTECT EXISTING
CONCRETE DRIVEWAY

F & I: SWING-A-WAY MAILBOX (TYP.)

SEE SHEET C6.02

SEE BELOW

PID: 11-32-22-13-0011
OWNER: HALL ANTHONY C
16909 NOTRE DAME ST NE

PID: 11-32-22-13-0008
OWNER: MYERS LOGAN
16951 NOTRE DAME ST NE

NOTRE DAME STREET NE

PID: 11-32-22-13-0003
OWNER: OHNSTAD, CARRIE
17015 NOTRE DAME ST NE

PID: 11-32-22-13-0002
OWNER: PRIESTER GREGORY J
17055 NOTRE DAME ST NE

PID: 11-32-22-12-0005
OWNER: KAEDING TRUSTEE, BRENDA J
17123 NOTRE DAME ST NE

PID: 11-32-22-21-0010
OWNER: LARSON, BRIAN K
8560 172ND AVE NE

PID: 11-32-22-21-0006
OWNER: MERLIN, ROBIN A
17236 NOTRE DAME ST NE

PID: 02-32-22-34-0003
OWNER: DOTRAY KEITH H & LISA A
17350 NOTRE DAME ST NE



172ND AVE NE

66' RIGHT-OF-WAY

CONSTRUCT 24' PAVEMENT SECTION
PER DETAIL B, SHEET C1.01

F & I: SWING-A-WAY MAILBOX (TYP.)

SEE ABOVE

SEE SHEET C6.04

PID: 11-32-22-12-0004
OWNER: DUNAWAY KEVIN E
17149 NOTRE DAME ST NE

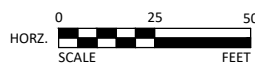
PID: 11-32-22-12-0003
OWNER: WALTERS ARNOLD P
17211 NOTRE DAME ST NE

PID: 11-32-22-12-0002
OWNER: IND S. D. NO 831

PID: 02-32-22-43-0003
OWNER: FOREST LAKE SCHOOL DIST #831
17345 NOTRE DAME ST NE

DRIVEWAY SURFACE LEGEND:	
(B) BITUMINOUS	(G) GRAVEL - CLASS 5
(C) CONCRETE	(GL) GRAVEL - LIMESTONE
(P) BRICK PAVERS	(GB) GRAVEL - TRAP ROCK

- NOTES:
- PAVEMENT SLOPES AT INTERSECTION LOCATIONS MAY VARY FROM THOSE SHOWN ON THE TYPICAL SECTIONS
 - PROVIDE FOR A SAW-CUT WHERE PLACING NEW PAVEMENT IS INSTALLED ADJACENT TO EXISTING PAVEMENT.
 - IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH UTILITY OWNERS TO RELOCATE AND PROTECT PRIVATE UTILITIES AS NECESSARY TO CONSTRUCT STREET AND UTILITIES.



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Isiah Bubany
Isiah Bubany
LIC. NO. 61842 DATE 03/11/2026



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OAKDALE, MN 55128
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CJK			
CHECKED			
CAQ			
CLIENT PROJ. NO.	26X.142540000		

CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
STREET PLAN

SHEET
C6.03

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DRIVEWAY SURFACE LEGEND:

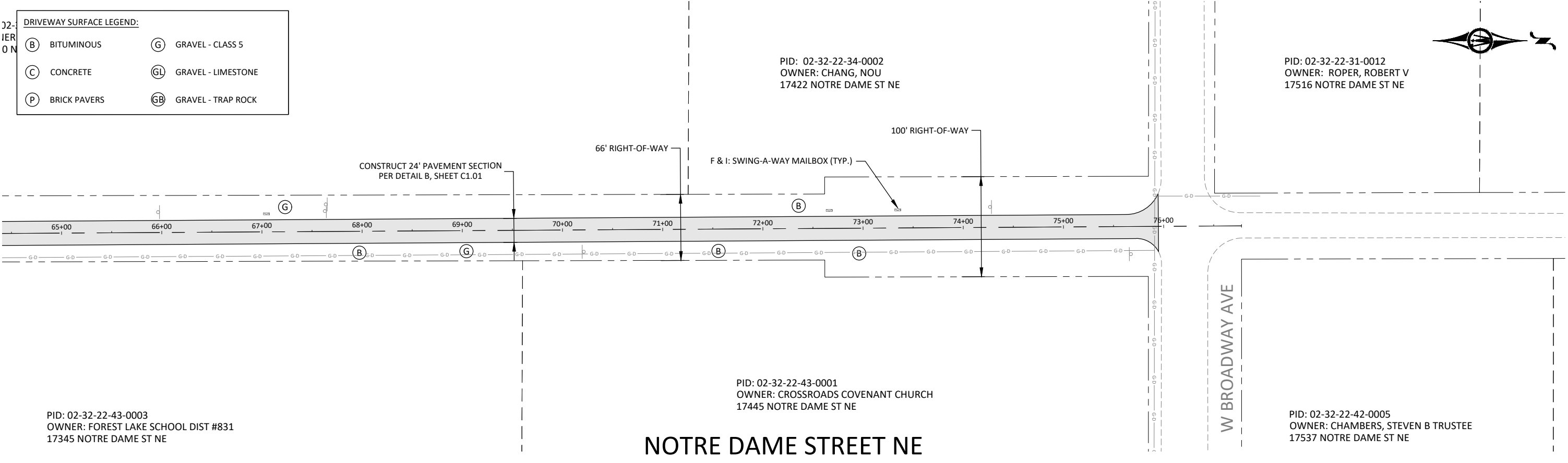
(B) BITUMINOUS	(G) GRAVEL - CLASS 5
(C) CONCRETE	(GL) GRAVEL - LIMESTONE
(P) BRICK PAVERS	(GB) GRAVEL - TRAP ROCK



PID: 02-32-22-34-0002
OWNER: CHANG, NOU
17422 NOTRE DAME ST NE

PID: 02-32-22-31-0012
OWNER: ROPER, ROBERT V
17516 NOTRE DAME ST NE

SEE SHEET C6.03



PID: 02-32-22-43-0003
OWNER: FOREST LAKE SCHOOL DIST #831
17345 NOTRE DAME ST NE

PID: 02-32-22-43-0001
OWNER: CROSSROADS COVENANT CHURCH
17445 NOTRE DAME ST NE

PID: 02-32-22-42-0005
OWNER: CHAMBERS, STEVEN B TRUSTEE
17537 NOTRE DAME ST NE

NOTRE DAME STREET NE

- NOTES:**
- PAVEMENT SLOPES AT INTERSECTION LOCATIONS MAY VARY FROM THOSE SHOWN ON THE TYPICAL SECTIONS
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THIS SPACE INTENTIONALLY LEFT BLANK

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Isiah Bubany
Isiah Bubany
LIC. NO. 61842 DATE 03/11/2026



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	1	CO 1	04/22/2026
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CLIENT PROJ. NO.	26X-142540000		

CITY OF COLUMBUS	
NOTRE DAME STREET MILL AND OVERLAY	
STREET PLAN	

SHEET
C6.04

SEE SHEET C6.01

NOTRE DAME STREET / NE

66' RIGHT-OF-WAY

CONSTRUCT PARKING LOT PER DETAIL D, SHEET C1.01

SEE SHEET C6.01

ALT. 1 - PARK PARKING LOT



SEE SHEET C6.01

KETTLE RIVER BLVD / CR 62

INSTALL CLASS 2 AGGREGATE SHOULDERING (TYP.)

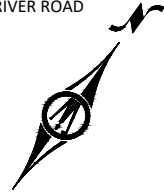
SCHEDULE 2: RE-ALIGNMENT AT KETTLE RIVER ROAD

MATCH EXISTING SIDEWALK GRADE (TYP.)

MATCH EXISTING BITUMINOUS PAVEMENT

ALTERNATE 2: CITY HALL PARKING LOT

CONSTRUCT PARKING LOT PER DETAIL E, SHEET C1.01

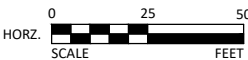


NOTES:

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ALT. 2 - CITY HALL PARKING LOT

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LIC. NO. 61842 DATE 03/11/2026



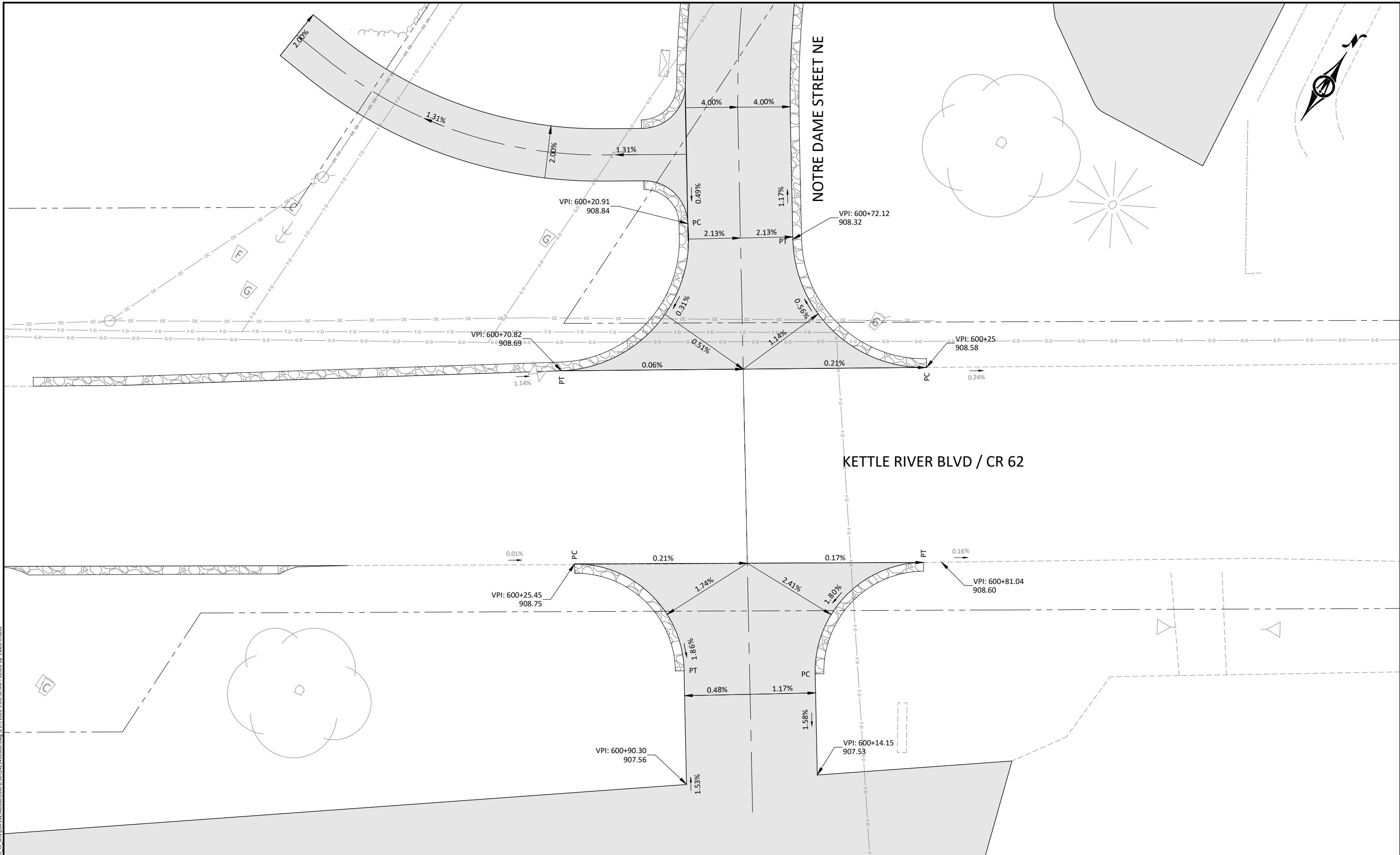
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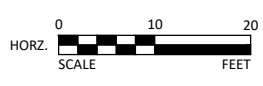
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CHECKED			
CAQ			
CLIENT PROJ. NO.	26X.142540000		

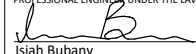
CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
ALT. 1 & 2 STREET PLAN

SHEET C6.05



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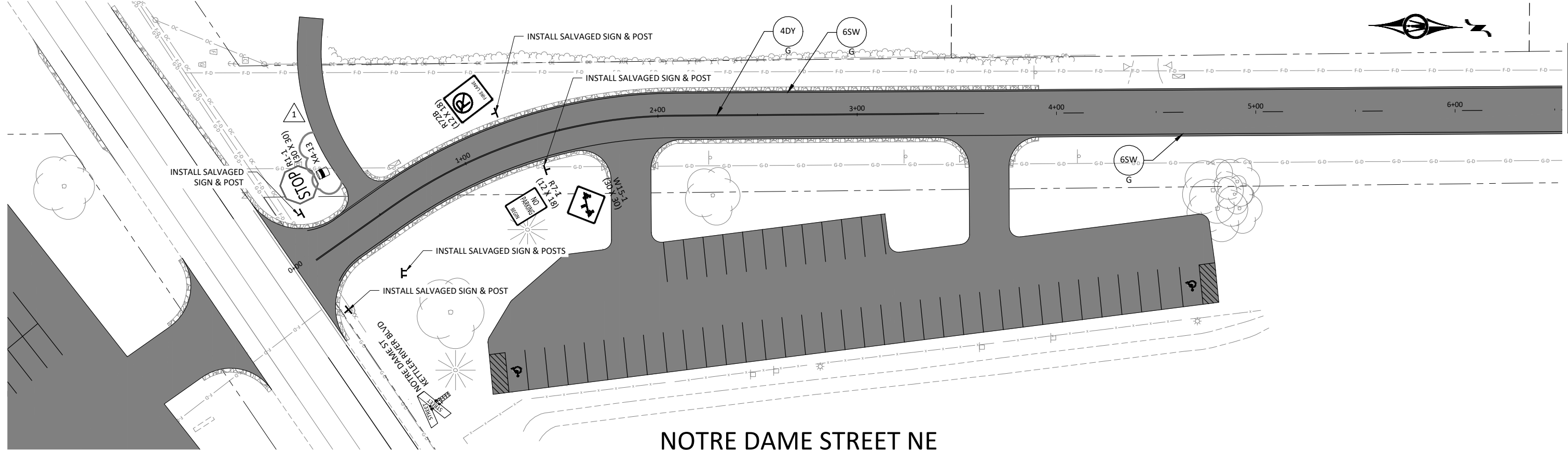
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CAQ			
CLIENT PROJ. NO.	26X.142540000		

CITY OF COLUMBUS
 NOTRE DAME STREET MILL AND OVERLAY
 INTERSECTION DETAIL

SHEET
C6.06



NOTRE DAME STREET NE

STRIPING KEY

- CIRCLE-MULTI COMP
 - BOX-PREF TAPE
 - TRIANGLE - PAINT
 - OCTAGON-PREF THERMO
- | | | |
|------------------------------------|---|--|
| 1ST DIGIT
WIDTH
4", 8", ETC. | 2ND DIGIT
PATTERN
S - SOLID
B - BROKEN
T - DOTTED
D - DOUBLE SOLID
K - DOUBLE BROKEN
H - DOUBLE DOTTED | 3RD DIGIT
COLOR
W - WHITE
Y - YELLOW
B - BLACK |
|------------------------------------|---|--|



G = GROUND IN
C = CONTRAST

W = WET REFLECTIVE
E = ENHANCED SKID RESISTANCE

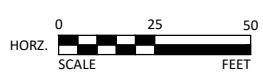
EXAMPLE: 4SW = 4" SOLID LINE WHITE PREF THERMO
GCW = GROUND IN, CONTRAST, WET REFLECTIVE

NOTES:

1. ADVANCED NOTIFICATION SIGNAGE WITH A SCHEDULED START DATE IS REQUIRED TO BE PLACED AT EACH END OF THE STREET 7 DAYS PRIOR TO THE START OF PAVEMENT REMOVAL OR ANY SUBSTANTIAL WORK. ONCE THE SIGNAGE IS IN PLACE, THE SCHEDULE MUST BE MAINTAINED. THIS APPLIES TO ALL WORK.
2. ACCESS TO RESIDENCES SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT CONSTRUCTION, UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ALSO SUPPLY ACCESS TO AND FROM THE SITE FOR CONCURRENT CONSTRUCTION PROJECTS, PRIVATE UTILITY IMPROVEMENTS/RELOCATIONS, AND AS OTHERWISE PROVIDED FOR IN THE SPECIAL PROVISIONS.
3. THE CONTRACTOR SHALL MAINTAIN GARBAGE AND RECYCLING SERVICE ACCESS THROUGHOUT EXECUTION OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ACCESS FOR GARBAGE TRUCKS. WHEN INFEASIBLE TO MAINTAIN SUCH ACCESS, THE CONTRACTOR SHALL COLLECT CONTAINERS, RELOCATE THEM TO A LOCATION WHERE SUITABLE ACCESS CAN BE PROVIDED, AND RETURN CONTAINERS IN GOOD WORKING CONDITION TO THE SAME PROPERTY FROM WHICH THEY WERE TAKEN. ALL CONTAINERS MUST BE LABELED WITH THE HOUSE ADDRESS PRIOR TO MOVING. COSTS FOR PROVIDING ACCESS OR HAULING CONTAINERS TO AN ACCESSIBLE LOCATION SHALL BE INCIDENTAL.
4. THE ITEM "TRAFFIC CONTROL" BID AS "LUMP SUM" SHALL INCLUDE ALL COSTS FOR PROVIDING TEMPORARY CONTROLS SPECIFIED IN THE PLAN AND OTHER TRAFFIC CONTROL REQUIRED PER THE MN MUTCD DUE TO THE CONTRACTORS OPERATIONS FOR COMPLETION OF THE PROJECT INCLUDING BUT NOT LIMITED TO, RECLAIMING & PAVING UNDER TRAFFIC, TEMPORARY ROAD CLOSURES IN FULL OR TO THRU TRAFFIC, TEMPORARY LANE CLOSURES, ADJUSTMENTS TO THE TRAFFIC CONTROL PLAN FOR LARGE AND SMALL SCALE STAGING OPERATIONS, AND NECESSARY DETOURS FOR MOTORISTS, BICYCLISTS, AND/OR PEDESTRIANS. THE AMOUNT BID SHALL ALSO INCLUDE SUFFICIENT TRAFFIC CONTROL FOR WARNING OF POTENTIAL HAZARDS DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO FLASHING BARRICADES AROUND EQUIPMENT AND OBSTRUCTIONS.
5. CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION), INCLUDING THE "FIELD MANUAL FOR TEMPORARY TRAFFIC ZONE LAYOUTS".
6. BROKEN LINE TYPES ARE ASSUMED TO BE PAINTED ON A 50' CYCLE WITH A 12.5' PAINTED LINE AND A 37.5' BREAK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY TRAFFIC CONTROL FOR THE DURATION OF STRIPING OPERATIONS ON CSAH 62.



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Isiah Bubany
Isiah Bubany
LIC. NO. 61842 DATE 03/11/2026



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CJK			
CHECKED			
CAQ			
CLIENT PROJ. NO.	26X-142540000		

CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
STRIPING & SIGNAGE PLAN

PID: 14-32-22-21-0007
OWNER: GANGL TRUSTEE MICHAEL S
8534 165TH AVE NE

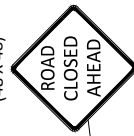
PID: 11-32-22-34-0005
OWNER: TEWALT ASHLEY RENE
8585 165TH AVE NE

PID: 11-32-22-34-0008
OWNER: COCKBURN ROBERT C & ROSANNE

PID: 11-32-22-34-0009
OWNER: COCKBURN ROBERT C & ROSANNE
16630 NOTRE DAME ST NE



W20-3 - TEMPORARY TRAFFIC CONTROL
(48 X 48)



165TH AVE NE

SEE SHEET C7.01

SEE BELOW

STRIPING KEY

	CIRCLE-MULTI COMP		BOX-PREF TAPE
	TRIANGLE - PAINT		OCTAGON-PREF THERMO

1ST DIGIT WIDTH 4", 8", ETC.	2ND DIGIT PATTERN S - SOLID B - BROKEN T - DOTTED D - DOUBLE SOLID K - DOUBLE BROKEN H - DOUBLE DOTTED	3RD DIGIT COLOR W - WHITE Y - YELLOW B - BLACK
---	--	---

G = GROUND IN
C = CONTRAST

W = WET REFLECTIVE
E = ENHANCED SKID RESISTANCE

EXAMPLE: = 4" SOLID LINE WHITE PREF THERMO GROUND IN, CONTRAST, WET REFLECTIVE

PID: 14-32-22-12-0004
OWNER: COLUMBUS TOWNSHIP
8762 165TH AVE NE

PID: 11-32-22-43-0003
OWNER: HUGHES JR, GEORGE B
8647 165TH AVE NE

PID: 11-32-22-43-0004
OWNER: BRETSON, KELLY
16625 NOTRE DAME ST NE

NOTRE DAME STREET NE

PID: 11-32-22-31-0009
OWNER: KING JAMES E & LAURA C
16726 NOTRE DAME ST NE

PID: 11-32-22-31-0008
OWNER: HERRICK JOHN D
16742 NOTRE DAME ST NE

PID: 11-32-22-31-0007
OWNER: BRUNE, KIRSTEN J
16748 NOTRE DAME ST NE

PID: 11-32-22-31-0011
OWNER: MONETTE JOSEPH P & TAMMY
16824 NOTRE DAME ST NE

PID: 11-32-22-31-0010
OWNER: MARK A DOROFF TRUST
16846 NOTRE DAME ST NE

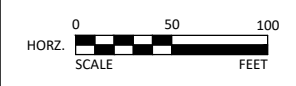


SEE ABOVE

SEE SHEET CB.03

- NOTES:**
- ADVANCED NOTIFICATION SIGNAGE WITH A SCHEDULED START DATE IS REQUIRED TO BE PLACED AT EACH END OF THE STREET 7 DAYS PRIOR TO THE START OF PAVEMENT REMOVAL OR ANY SUBSTANTIAL WORK. ONCE THE SIGNAGE IS IN PLACE, THE SCHEDULE MUST BE MAINTAINED. THIS APPLIES TO ALL WORK.
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 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY TRAFFIC CONTROL FOR THE DURATION OF STRIPING OPERATIONS ON CSAH 62.

PID: 11-32-22-42-0011
OWNER: HELGET JESUP
16853 NOTRE DAME ST NE



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.
Isiah Bubany
Isiah Bubany
LIC. NO. 61842 DATE 03/11/2026



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BLDG. 1 - SUITE E130
OAKDALE, MN 55128
Phone: (651) 704-9970
Email: Oakdale@bolton-menk.com
www.bolton-menk.com



DESIGNED	ICB/CJK	NO.	0	ISSUED FOR	BID	DATE	03/11/2026
DRAWN	CJK	1	CO 1	04/22/2026			
CHECKED	CAQ						
CLIENT PROJ. NO.	26X.142540000						

CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
STRIPING & SIGNAGE PLAN

SHEET
C7.02

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PID: 11-32-22-24-0006
OWNER: XIONG LEE PAO
16912 NOTRE DAME ST NE

PID: 11-32-22-24-0005
OWNER: SLOWINSKI LARRY S & TAMMERA E
16944 NOTRE DAME ST NE

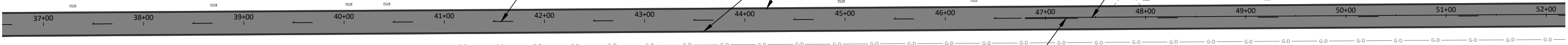
PID: 11-32-22-24-0002
OWNER: STUDIER, JANINE M
17024 NOTRE DAME ST NE

PID: 11-32-22-24-0003
OWNER: OWEN ROBERT A & KAREN H
17064 NOTRE DAME ST NE



SEE SHEET C7.02

SEE BELOW



STRIPING KEY

CIRCLE-MULTI COMP	BOX-PREF TAPE
TRIANGLE - PAINT	OCTOGON-PREF THERMO

1ST DIGIT WIDTH 4", 8", ETC.	2ND DIGIT PATTERN S - SOLID B - BROKEN T - DOTTED D - DOUBLE SOLID K - DOUBLE BROKEN H - DOUBLE DOTTED	3RD DIGIT COLOR W - WHITE Y - YELLOW B - BLACK
------------------------------------	---	--

G = GROUND IN
C = CONTRAST

W = WET REFLECTIVE
E = ENHANCED SKID RESISTANCE

EXAMPLE: = 4" SOLID LINE WHITE PREF THERMO
 GROUND IN, CONTRAST, WET REFLECTIVE

PID: 11-32-22-13-0008
OWNER: MYERS LOGAN
16951 NOTRE DAME ST NE

NOTRE DAME STREET NE

PID: 11-32-22-13-0003
OWNER: OHNSTAD, CARRIE
17015 NOTRE DAME ST NE

PID: 11-32-22-13-0002
OWNER: PRIESTER GREGORY J
17055 NOTRE DAME ST NE

PID: 11-32-22-12-0005
OWNER: KAEDING TRUSTEE, BRENDA J
17123 NOTRE DAME ST NE

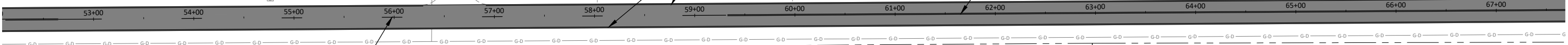
PID: 11-32-22-21-0006
OWNER: MERLIN, ROBIN A
17236 NOTRE DAME ST NE

PID: 02-32-22-34-0003
OWNER: DOTRAY KEITH H & LISA A
17350 NOTRE DAME ST NE



SEE ABOVE

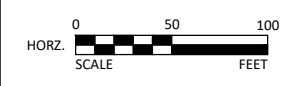
SEE SHEET C7.04



172ND AVE NE

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PID: 02-32-22-43-0003
OWNER: FOREST LAKE SCHOOL DIST #831
17345 NOTRE DAME ST NE



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Isiah Bubany
Isiah Bubany
LIC. NO. 61842 DATE 03/11/2026



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



DESIGNED	NO.	ISSUED FOR	DATE
ICB/CJK	0	BID	03/11/2026
DRAWN	1	CO 1	04/22/2026
CJK			
CHECKED			
CAQ			
CLIENT PROJ. NO.	26X.142540000		

CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
STRIPING & SIGNAGE PLAN

SHEET
C7.03

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PID: 02-32-22-34-0003
 OWNER: DOTRAY KEITH H & LISA A
 17350 NOTRE DAME ST NE

PID: 02-32-22-34-0002
 OWNER: CHANG, NOU
 17422 NOTRE DAME ST NE

PID: 02-32-22-31-0012
 OWNER: ROPER, ROBERT V
 17516 NOTRE DAME ST NE



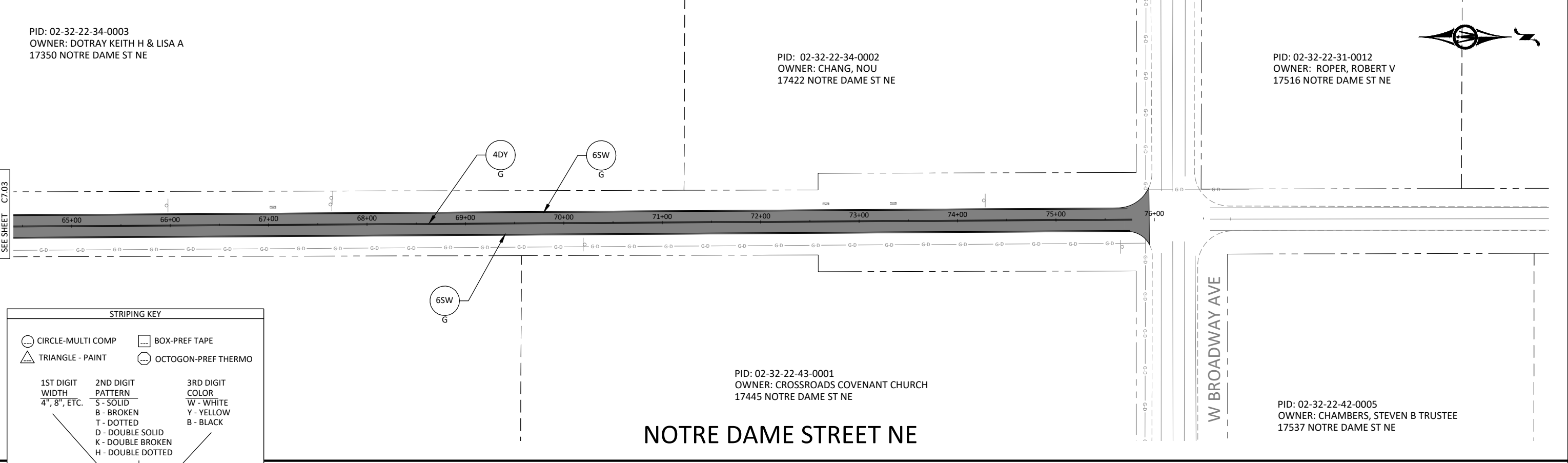
SEE SHEET C7.03

STRIPING KEY

1ST DIGIT WIDTH 4", 8", ETC.	2ND DIGIT PATTERN	3RD DIGIT COLOR
	S - SOLID	W - WHITE
	B - BROKEN	Y - YELLOW
	T - DOTTED	B - BLACK
	D - DOUBLE SOLID	
	K - DOUBLE BROKEN	
	H - DOUBLE DOTTED	

LEGEND:
 G = GROUND IN
 W = WET REFLECTIVE
 C = CONTRAST
 E = ENHANCED SKID RESISTANCE

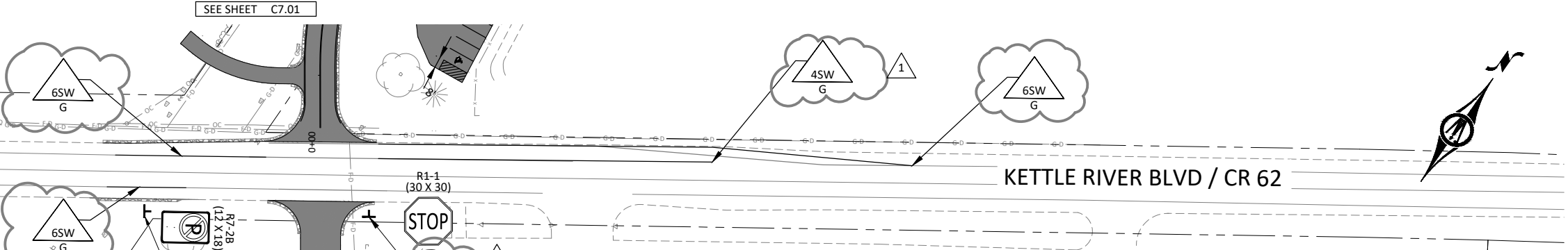
EXAMPLE: 4SW GCW = 4" SOLID LINE WHITE PREF THERMO GROUND IN, CONTRAST, WET REFLECTIVE



PID: 02-32-22-43-0001
 OWNER: CROSSROADS COVENANT CHURCH
 17445 NOTRE DAME ST NE

PID: 02-32-22-42-0005
 OWNER: CHAMBERS, STEVEN B TRUSTEE
 17537 NOTRE DAME ST NE

NOTRE DAME STREET NE



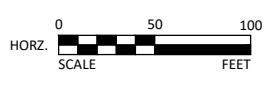
PID: 14-32-22-24-0013
 OWNER: TETRAULT LEO R & BONNIE J
 16303 KETTLE RIVER BLVD NE

PID: 14-32-22-12-0007
 OWNER: COLUMBUS TOWNSHIP
 16319 KETTLE RIVER BLVD NE

KETTLE RIVER ROAD / CR 62

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Isiah Bubany
 Isiah Bubany
 LIC. NO. 61842 DATE 03/11/2026



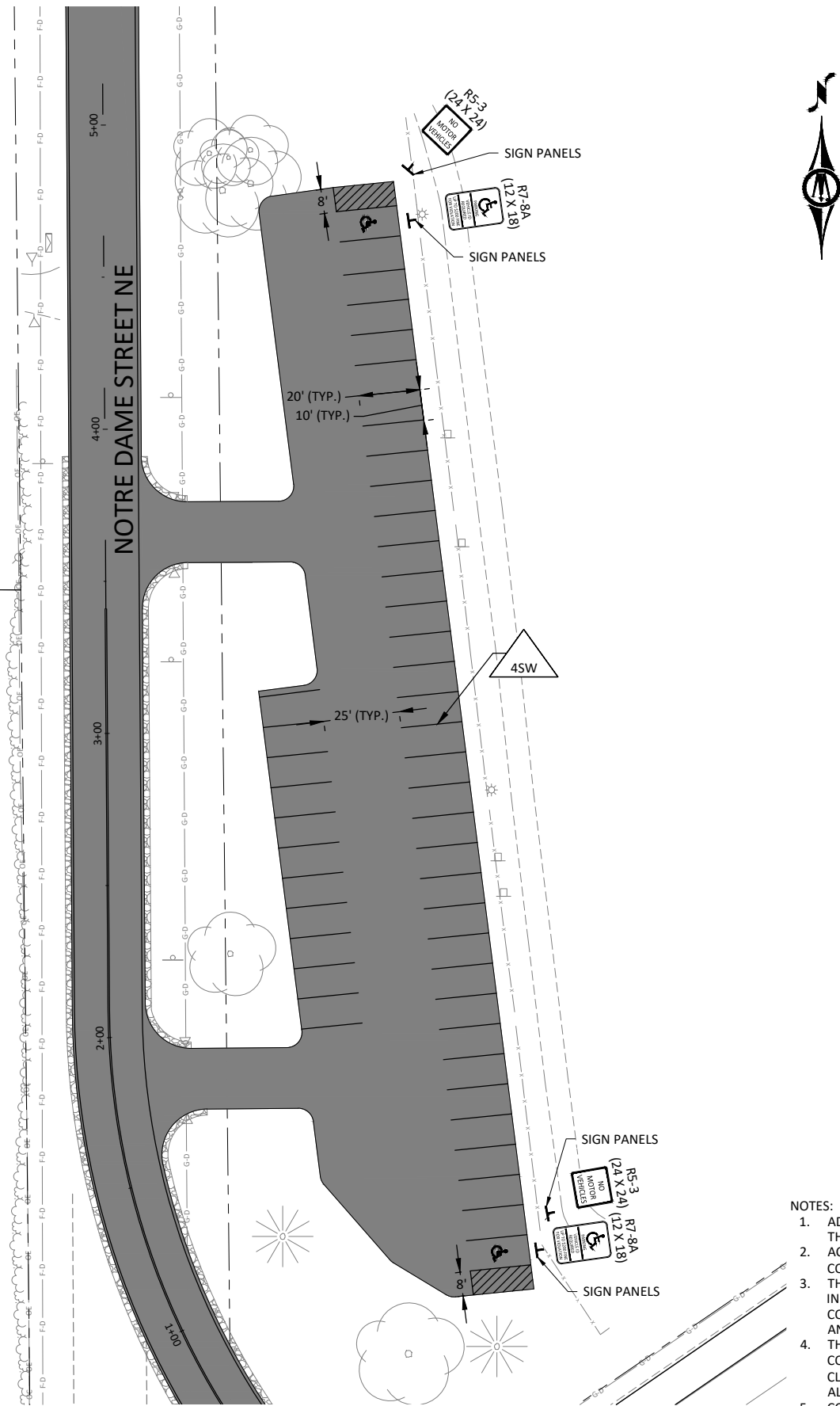
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 www.bolton-menk.com



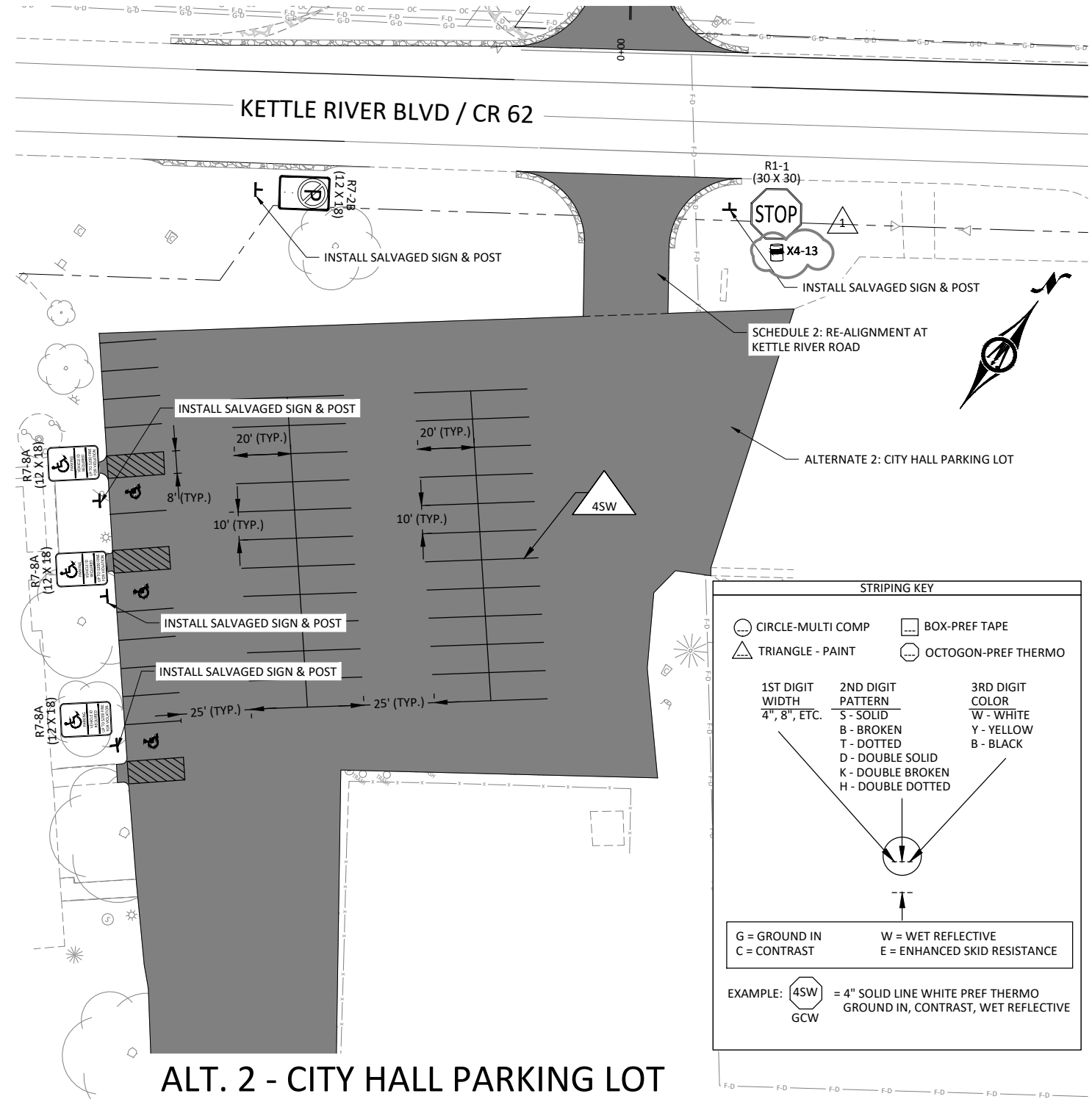
DESIGNED	ICB/CJK	NO.	0	ISSUED FOR	BID	DATE	03/11/2026
DRAWN	CJK	1	CO 1	04/22/2026			
CHECKED	CAQ						
CLIENT PROJ. NO.	26X.142540000						

CITY OF COLUMBUS
 NOTRE DAME STREET MILL AND OVERLAY
 STRIPING & SIGNAGE PLAN

SHEET
C7.04



ALT. 1 - PARK PARKING LOT



ALT. 2 - CITY HALL PARKING LOT

STRIPING KEY

○ CIRCLE-MULTI COMP	□ BOX-PREF TAPE
△ TRIANGLE - PAINT	○ OCTOGON-PREF THERMO

1ST DIGIT WIDTH 4", 8", ETC.	2ND DIGIT PATTERN	3RD DIGIT COLOR
S - SOLID	B - BROKEN	W - WHITE
T - DOTTED	D - DOUBLE SOLID	Y - YELLOW
K - DOUBLE BROKEN	H - DOUBLE DOTTED	B - BLACK

G = GROUND IN
C = CONTRAST

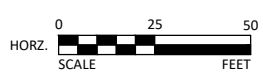
W = WET REFLECTIVE
E = ENHANCED SKID RESISTANCE

EXAMPLE: 45W = 4" SOLID LINE WHITE PREF THERMO
GCW = GROUND IN, CONTRAST, WET REFLECTIVE

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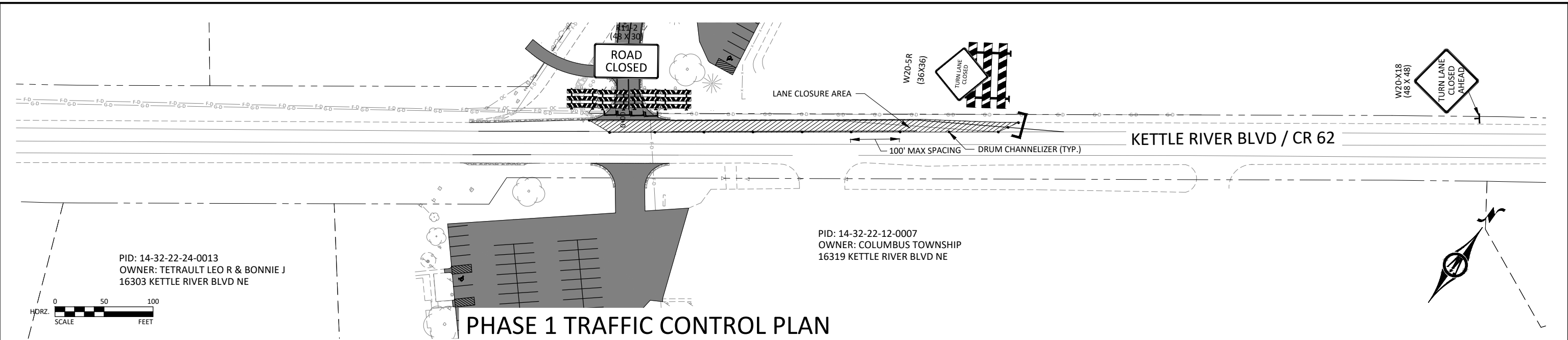
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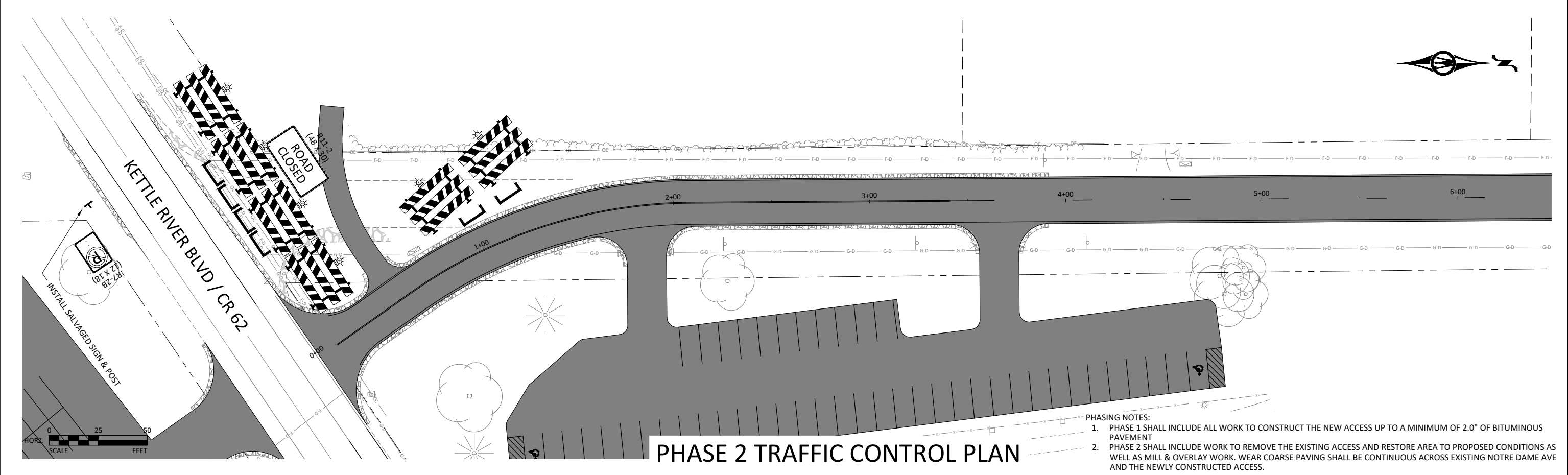
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CJK	1	CO 1	04/22/2026
CHECKED	CAQ		
CLIENT PROJ. NO.	26X-142540000		

CITY OF COLUMBUS
NOTRE DAME STREET MILL AND OVERLAY
STRIPING & SIGNAGE PLAN

SHEET
C7.05



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 7. PHASE 1 TRAFFIC CONTROL TO BE IN PLACE BEFORE CONSTRUCTION BEGINS AND SHALL REMAIN THROUGHOUT THE DURATION OF THE PROJECT. TYPE III BARRIERS CLOSING THE NEW ACCESS SHALL BE INSTALLED ONCE ACCESS IS CONSTRUCTED TO GRAVEL AND SHALL REMAIN UNTIL THE NEW ACCESS IS PAVED.
 8. PHASE 2 TRAFFIC CONTROL TO BE INSTALLED ONCE THE NEW ACCESS IS PAVED TO A MINIMUM OF 2 INCHES, AND SHALL REMAIN UNTIL THE OLD ACCESS IS FULLY REMOVED AND RE-GRADED TO PROPOSED CONDITIONS.
 9. TEMPORARY TRAFFIC CONTROL SHALL INCLUDE ADVANCED NOTICE FOR ROAD WORK AHEAD ON W BROADWAY AVE EAST AND WEST OF NOTRE DAME ST NE.
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY TRAFFIC CONTROL FOR THE DURATION OF STRIPING OPERATIONS ON CSAH 62.



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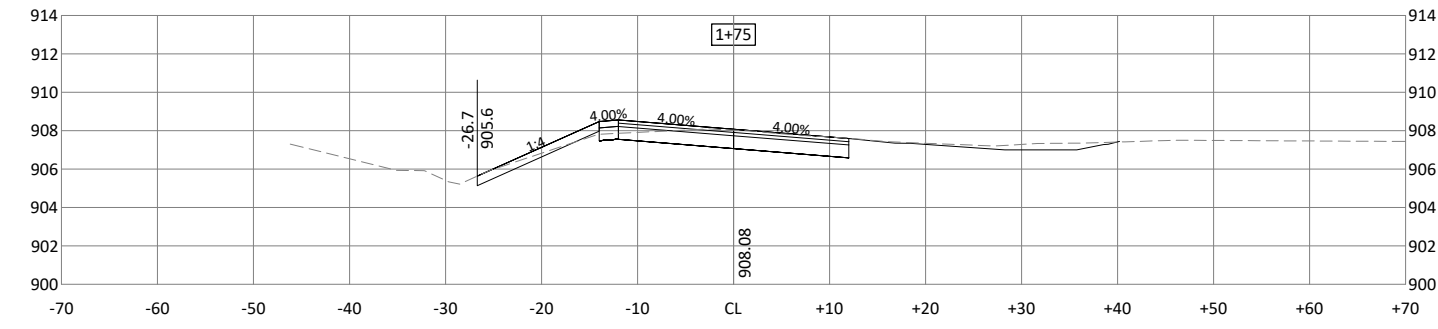
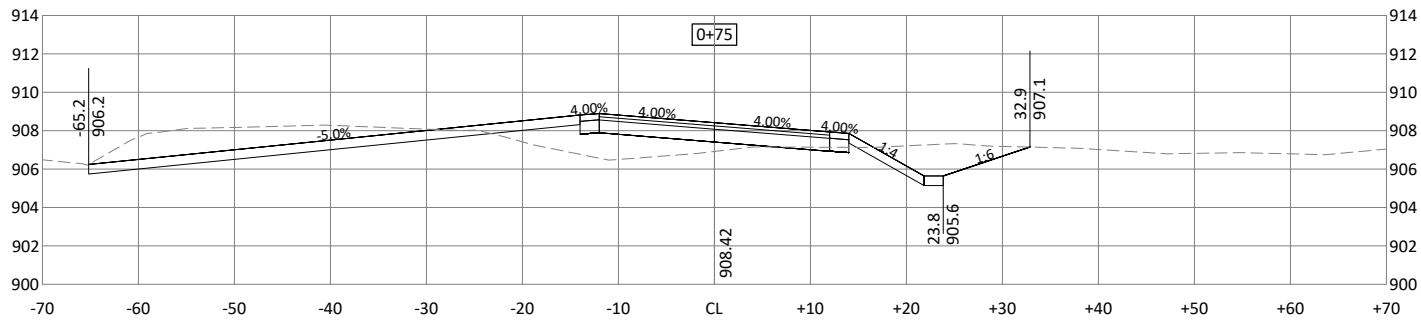
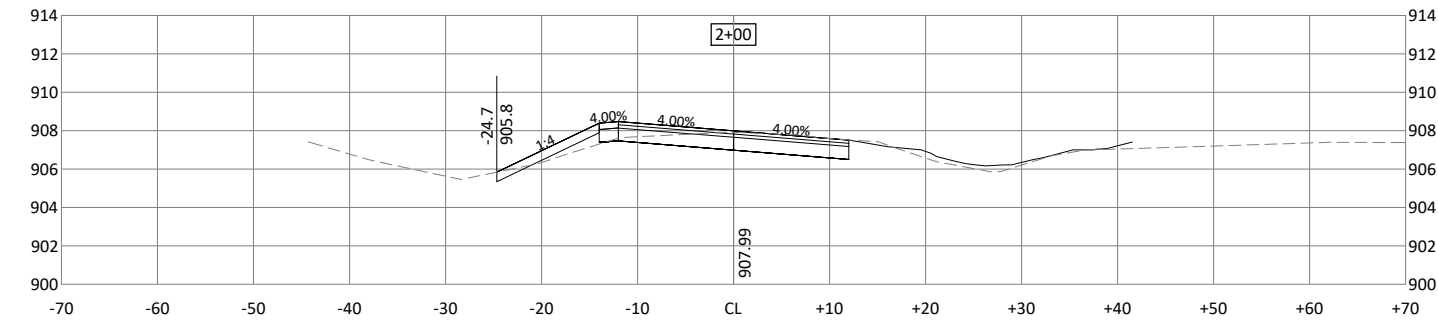
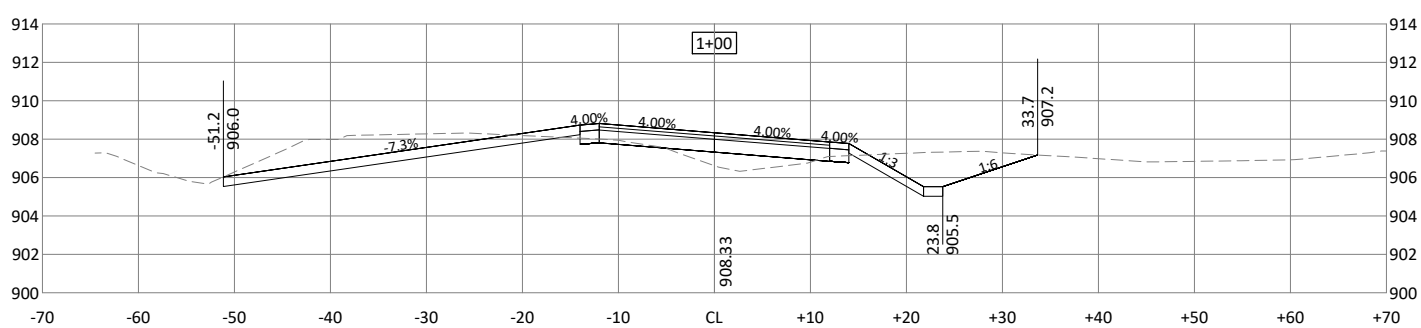
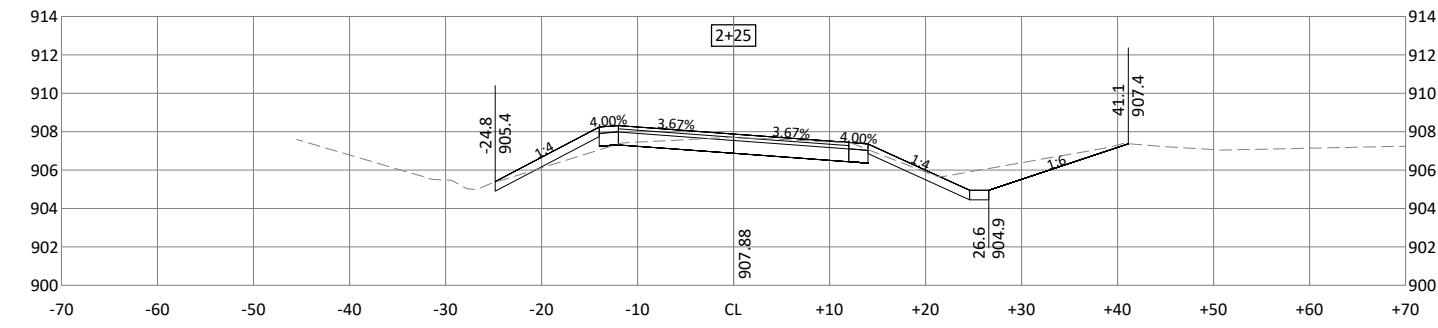
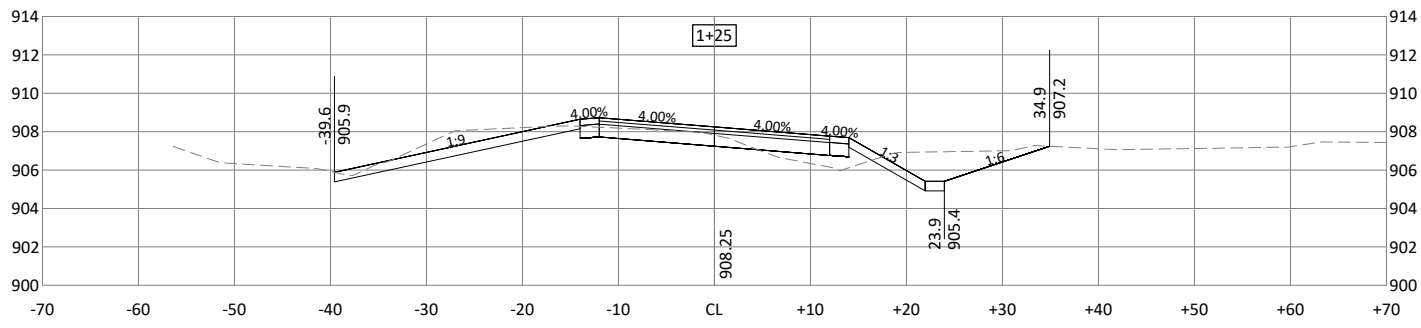
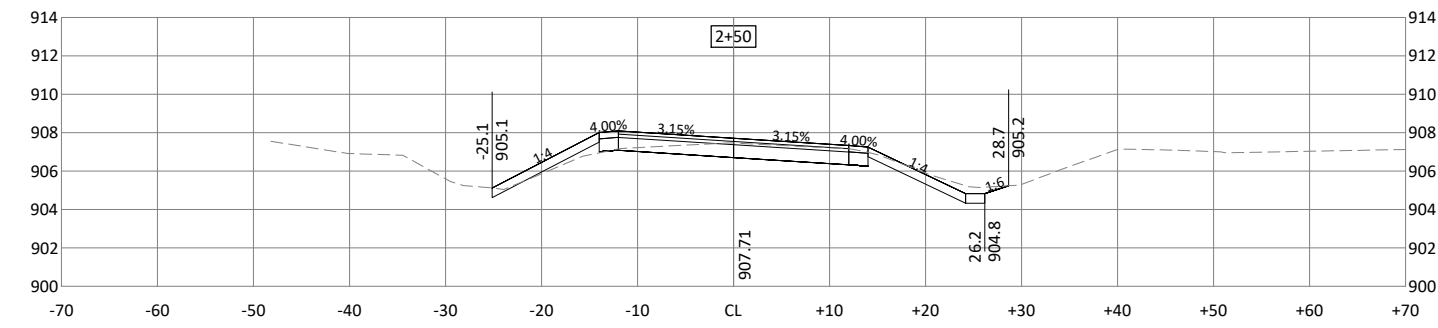
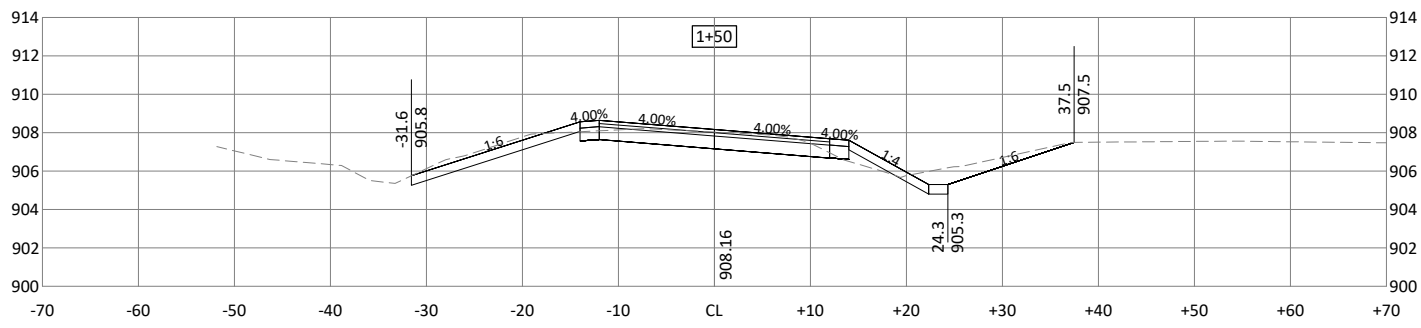


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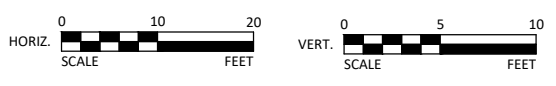


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CITY OF COLUMBUS		SHEET C7.06
NOTRE DAME STREET MILL AND OVERLAY		
TRAFFIC CONTROL PLAN		



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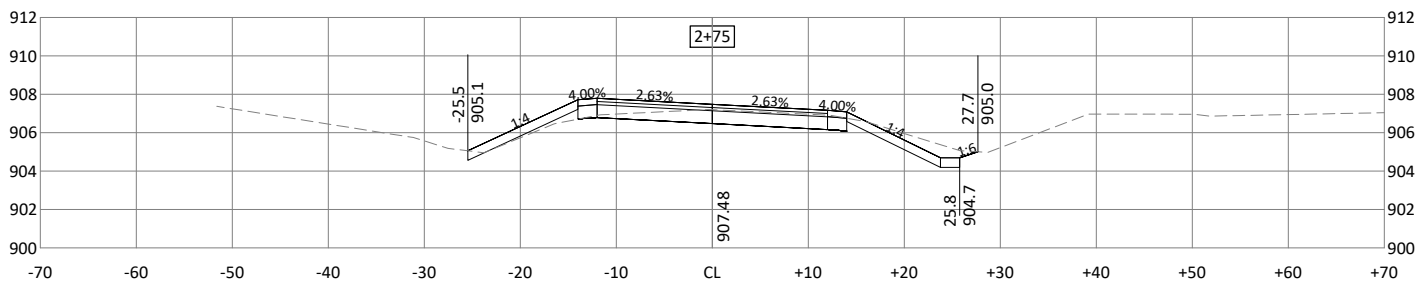
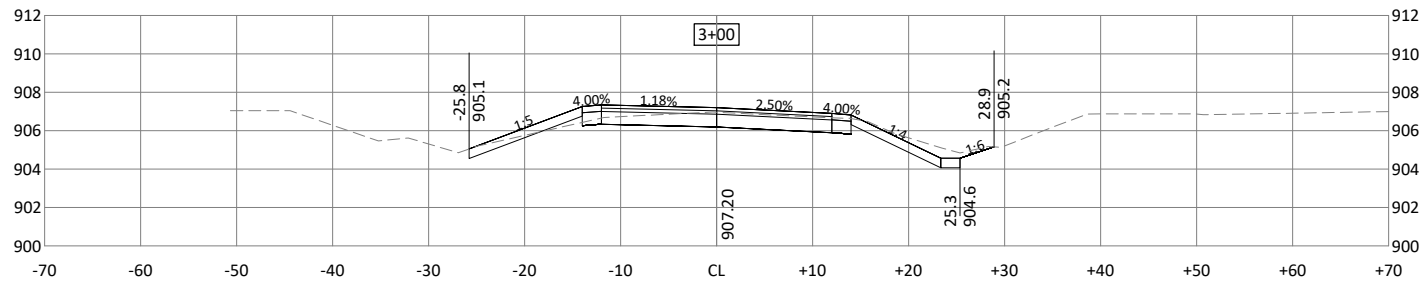
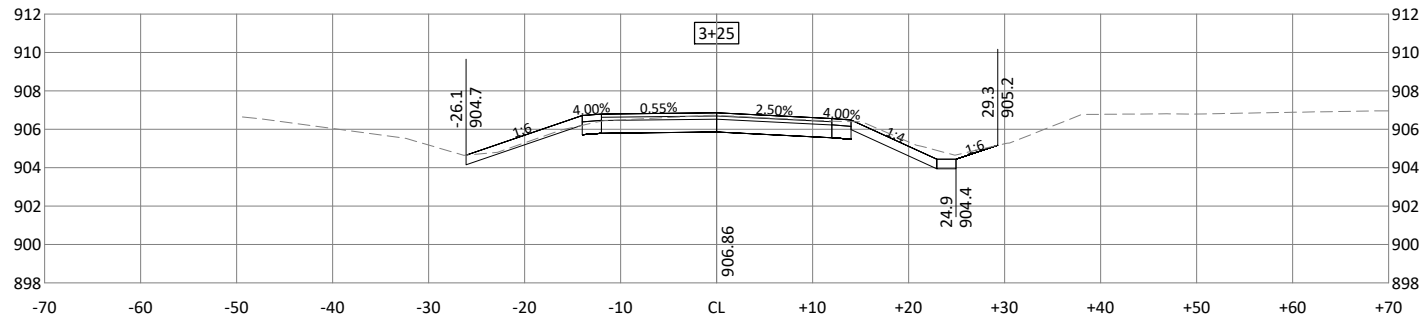
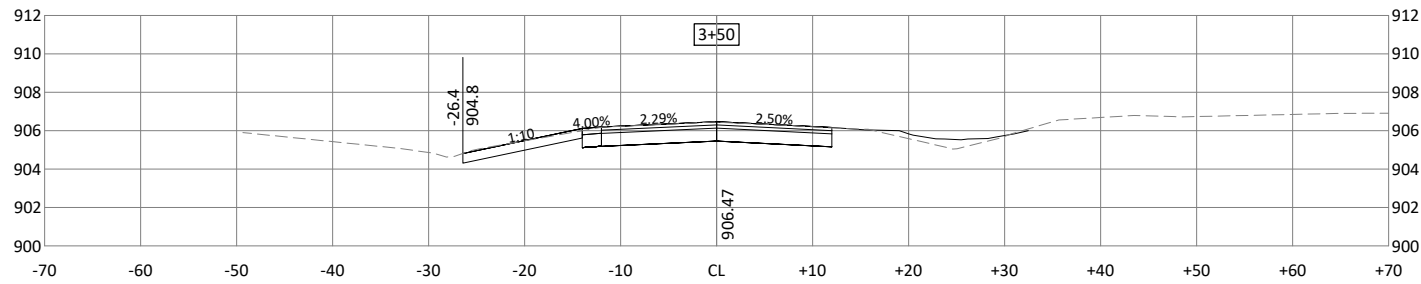
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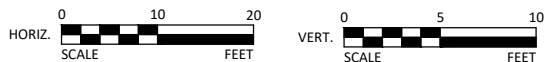
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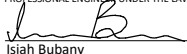
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