



PLANS FOR THE PROPOSED
BROADWAY / ILLINOIS ROUTE 25
SEWER SEPARATION

HAZEL AVE TO NORTH AVE

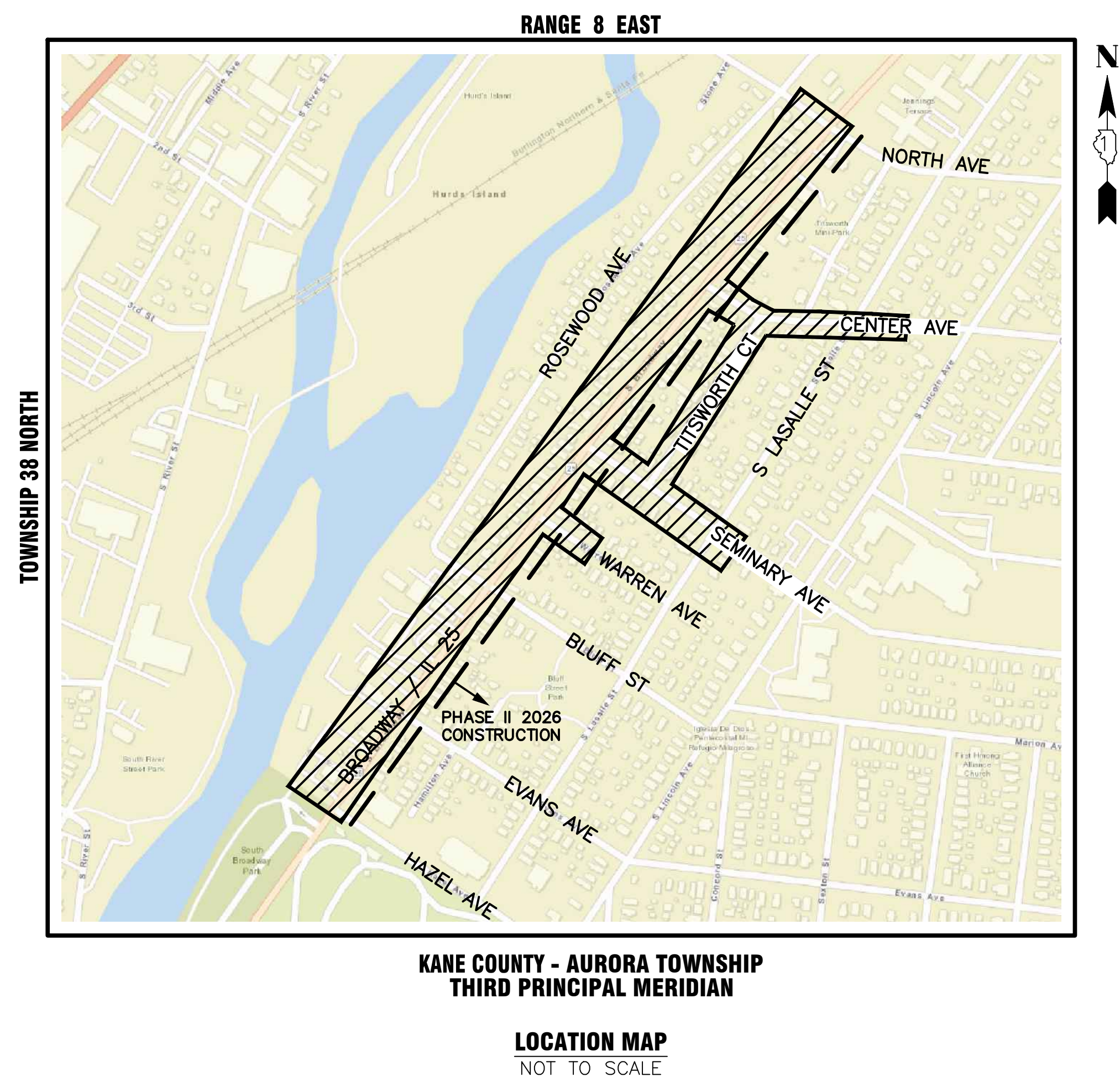
JANUARY 2025

GENERALLY LOCATED IN THE SW 1/4 OF SEC. 22, T38N, R8E

INDEX OF SHEETS

- | | |
|-------|------------------|
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| 2 - 6 | TRAFFIC CONTROL |
| 7-13 | PLAN AND PROFILE |
| 14-19 | STANDARD DETAILS |

LEGEND		
	EXISTING	PROPOSED
SANITARY SEWER	—) —	—) —
STORM SEWER	— > —	— > —
WATER MAIN	— W —	— W —
FORCE MAIN	— FM —	— FM —
UNDERDRAIN	— UD —	— UD —
OVERHEAD LINE	— OH —	— OH —
CABLE TV LINE	— CATV —	— CATV —
GAS LINE	— GAS —	— GAS —
TELEPHONE LINE	— T —	— T —
ELECTRIC LINE	— E —	— E —
FENCE	— X —	— X —
MAJOR CONTOUR	— — —	— — —
MINOR CONTOUR	— — —	— — —
HIGH WATER LEVEL	— HWL —	— HWL —
NORMAL WATER LEVEL	— NWL —	— NWL —
PAVEMENT FLOW DIRECTION	~ 882.6	~ 882.6
SPOT ELEVATION	X 882.6 TC	X 882.6 TC
TOP OF CURB ELEVATION	X 882.6 T/F	X 882.6 T/F
TOP OF FOUNDATION ELEVATION	X 882.6 FL	X 882.6 FL
GUTTER ELEVATION	X 882.6 P	X 882.6 P
PAVEMENT ELEVATION	X 882.6 P	X 882.6 P
EDGE OF PAVEMENT	=====	=====
CURB AND GUTTER	=====	=====
RIGHT-OF-WAY	— — —	— — —
SANITARY MANHOLE	⊙	⊙
SANITARY CLEANOUT	⊙	⊙
STORM MANHOLE	⊙	⊙
CATCH BASIN	⊙	⊙
INLET	⊙	⊙
FLARED END SECTION	⊙	⊙
FIRE HYDRANT	⊙	⊙
VALVE VAULT	⊙	⊙
VALVE BOX	⊙	⊙
STREET LIGHT	⊙	⊙
POWER POLE	⊙	⊙
STREET SIGN	⊙	⊙
ELECTRIC BOX	⊙	⊙
TELEPHONE BOX	⊙	⊙
TELEPHONE MANHOLE	⊙	⊙
B-BOX	⊙	⊙
GAS VALVE	⊙	⊙
TRAFFIC HANDHOLE	⊙	⊙
ELECTRIC HANDHOLE	⊙	⊙
TREE W/ DIAMETER	⊙	⊙
MAILBOX	⊙	⊙
STRUCTURE TO BE REMOVED	⊙	⊙
PLUG EXISTING PIPE	⊙	⊙
UTILITY CROSSING	⊙	⊙
EXPLORATORY EXCAVATION LOCATION	⊙	⊙
SANITARY MANHOLE REHABILITATION NUMBER	⊙	⊙
SOIL BORING LOCATION WITH IDENTIFICATION NUMBER & ELEVATION	⊙	⊙



THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE LATEST ILLINOIS SUPPLEMENT TO THE MUTCD ARE TO BE USED FOR SIGNAGE. ALL TRAFFIC CONTROL DEVICES USED WITHIN IDOT RIGHT-OF-WAY SHALL CONFORM TO THE LATEST IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, IDOT HIGHWAY STANDARDS, AND IDOT APPROVED PRODUCT LIST.



J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
811 OR 1-800-892-0123

CONSTRUCTION AND MAINTENANCE TO BE IN
ACCORDANCE WITH ALL APPLICABLE REGULATORY
REQUIREMENTS AND STANDARDS

PRINTED BY THE AUTHORITY
OF THE CITY OF AURORA

PLANS PREPARED BY:

CITY OF AURORA

DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION
77 S. BROADWAY AVE, AURORA, IL 60505

PHONE: 630-256-3200 FAX: 630-256-3229

REVISIONS:

1 CONSTRUCTION ISSUE - 7/7/25

DESIGNED BY: KTM	DRAWN BY: AHB	CHECKED BY: KTM	APPROVED BY: KTM	HORIZ. SCALE: N/A	VERT. SCALE: N/A	DATE: JAN 2025
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STAMP

ILLINOIS REGISTERED PROFESSIONAL

ENGINEER No. 062.59993

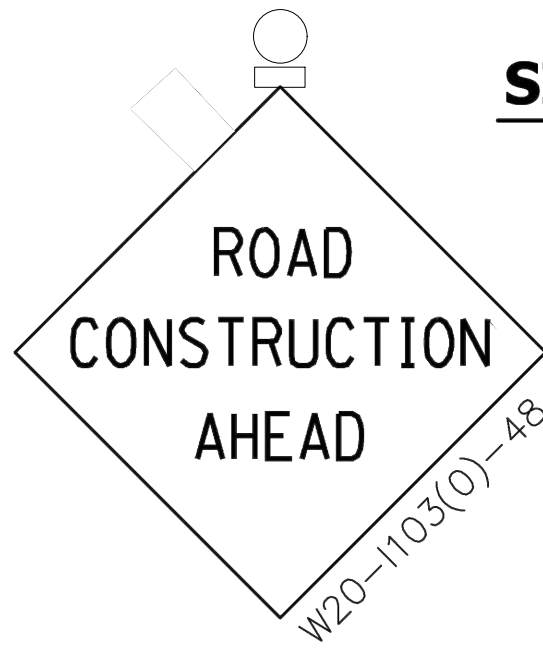
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DATE

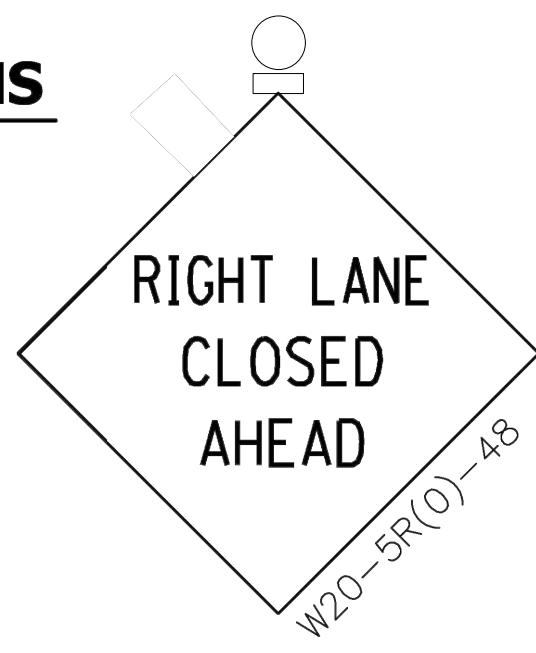
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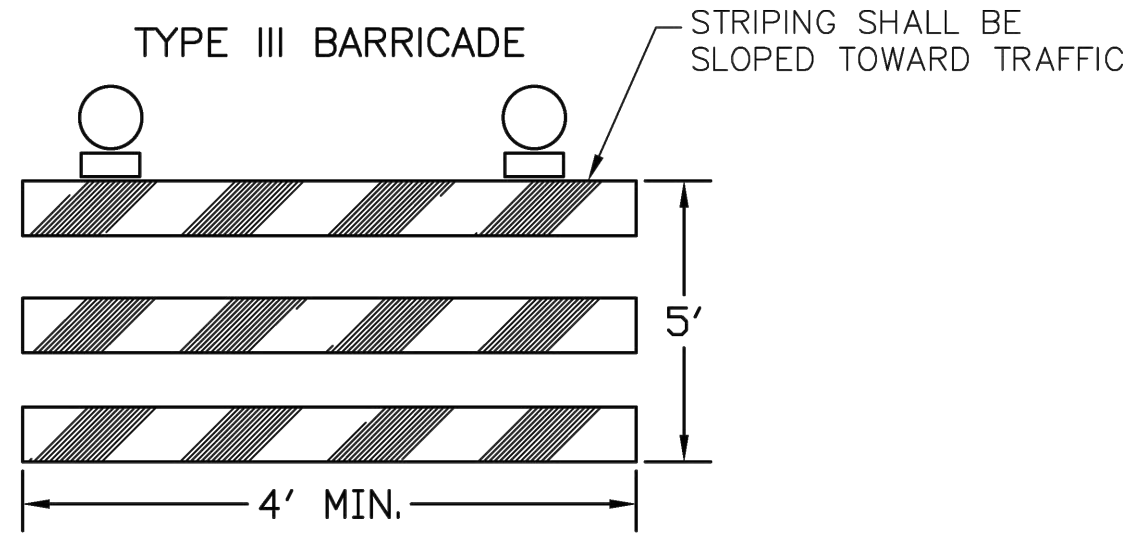
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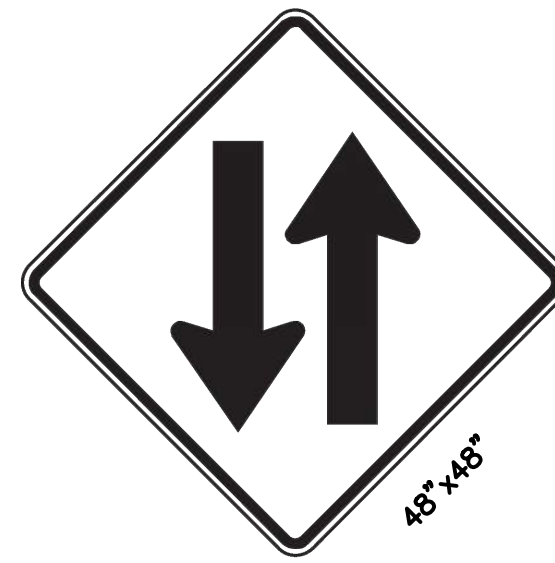
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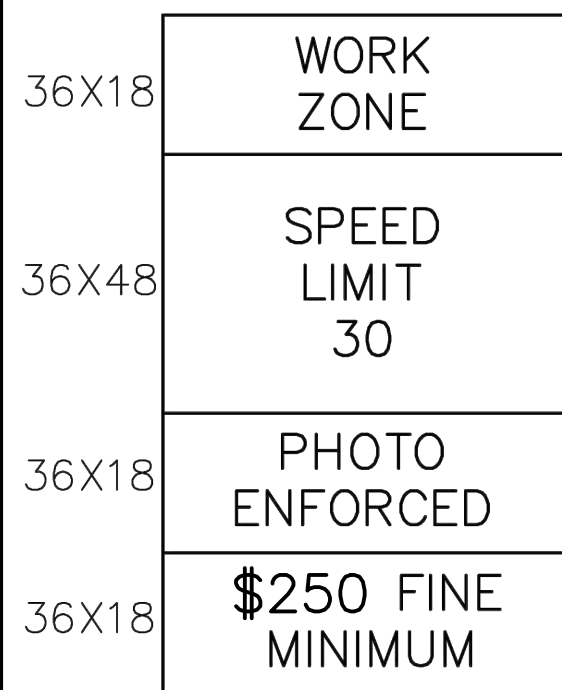
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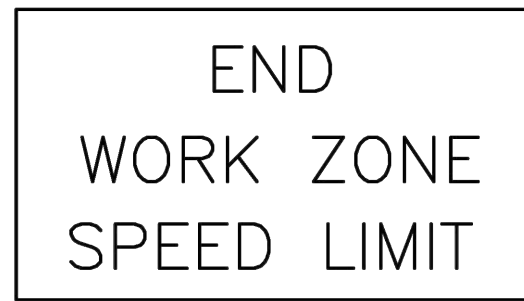
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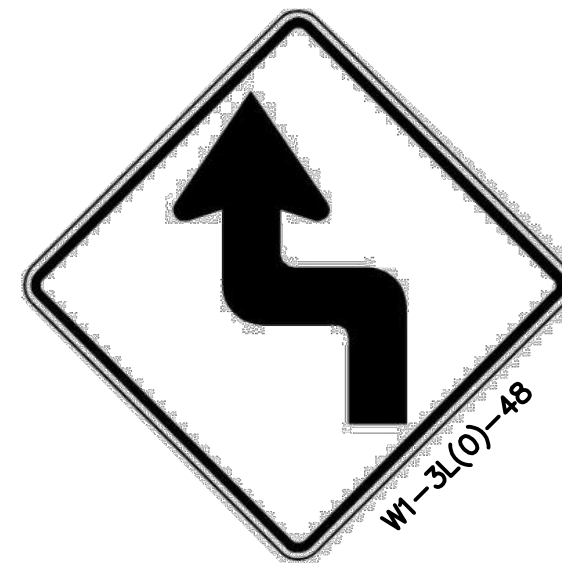


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⑥

G20-1103-6036



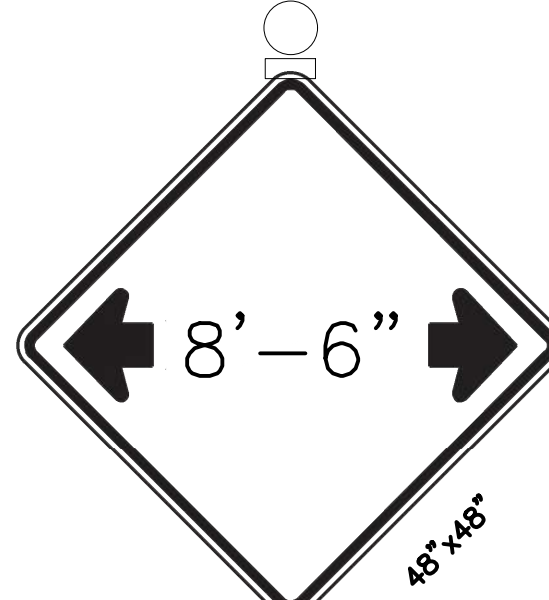
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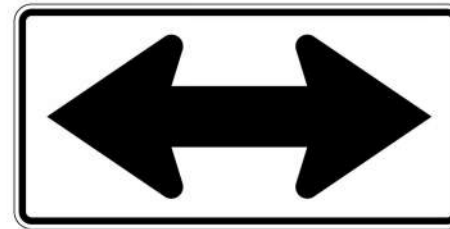


⑯ 24"x24"
R5-8-2424

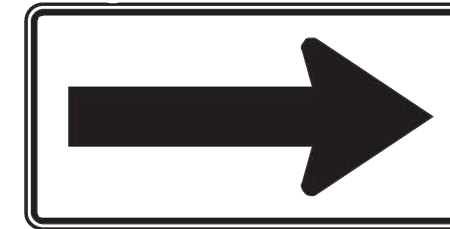


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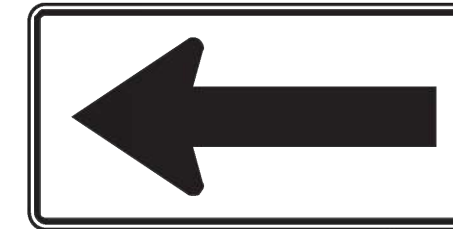


⑬ 21"x15"
M6-4(0)-2115



⑭

21"x15"



⑮

21"x15"



R4-7A-2430
18"x24"



R3-2-2424
24"x24"



W3-5(0)-48

NOTES:

• THE ENGINEER OR CONTRACTOR SHALL SUBMIT AN OPER 2410 FORM TO THE IDOT CENTRAL BUREAU OF OPERATIONS VIA DOT.ROADINFO@ILLINOIS.GOV NOTING THE 8'-6" MAX WIDTH RESTRICTION ON IL 25 AT LEAST 21 DAYS PRIOR TO THE ACTUAL RESTRICTION BECOMING EFFECTIVE. REVISED OPER 2410 FORMS MUST BE SUBMITTED AS NECESSARY DURING THE LIFE OF THE CONSTRUCTION PROJECT. IF YOU HAVE ANY QUESTIONS OR REQUIRE FURTHER INFORMATION, PLEASE CONTACT THE BUREAU OF OPERATIONS AT (217) 782-8551

• THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

• THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

• PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED ON ALL FINAL PAVEMENT SURFACES AND EXISTING PAVEMENT SURFACES TO REMAIN.

• THE ENGINEER OR CONTRACTOR SHALL SUBMIT AN OPER 2410 FORM TO THE IDOT CENTRAL BUREAU OF OPERATIONS VIA DOT.ROADINFO@ILLINOIS.GOV NOTING THE MAX WIDTH 8'-6" RESTRICTION ON IL 25 AT LEAST 21 DAYS PRIOR TO THE ACTUAL RESTRICTION BECOMING EFFECTIVE. REVISED OPER 2410 FORMS MUST BE SUBMITTED AS NECESSARY DURING THE LIFE OF THE CONSTRUCTION PROJECT. IF YOU HAVE ANY QUESTIONS OR REQUIRE FURTHER INFORMATION, PLEASE CONTACT MICHAEL OLSON WITH THE BUREAU OF OPERATIONS AT (217) 782-8551.

• CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL ROAD CLOSURE, TRAFFIC STAGE CHANGES, AND NEW TRAFFIC SIGNAL TURN-ON EVENTS ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE (DETERMINED BY THE ENGINEER) PLACED AS DIRECTED BY THE ENGINEER.

• ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PAVEMENT MARKING TAPE, TYPE IV (AND/OR MODIFIED URETHANE) USED FOR STAGING SHALL BE REMOVED.

• ALL EXISTING 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK) PREFORMED PLASTIC TYPE B STANDARD LANE LINE PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS LOCATED WITHIN TEMPORARY LANE CLOSURE TAPERS, LANE SHIFT TAPERS OR IN LOCATIONS THAT CONFLICT WITH THE TEMPORARY PAVEMENT MARKING TAPE USED FOR STAGING SHALL BE REMOVED IF THE STAGING WILL REMAIN IN PLACE FOR MORE THAN 14 DAYS. ONCE STAGING IS REMOVED THE RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS MUST BE REINSTALLED.

• PAVEMENT MARKING TAPE, TYPE IV (AND/OR TYPE III) SHOWN ON THE PLANS FOR ANY CONSTRUCTION STAGE THAT THE CONTRACTOR PROPOSES TO EXTEND OVER THE WINTER PERIOD SHALL MEAN MODIFIED URETHANE PAVEMENT MARKING AND WILL BE PAID FOR THEIR RESPECTIVE CONTRACT UNIT PRICE.

NOTE 1: TWO BROADWAY CROSSINGS TO BE PERFORMED AT NIGHT OR ON A WEEKEND WITH ONE LANE OF TRAFFIC TO REMAIN OPEN IN EACH DIRECTION.

NOTE 2: DAYTIME LANE CLOSURES ON SIDE STREETS, WHEN REQUIRED, TO BE CLOSED AND SIGNED IN ACCORDANCE WITH APPROPRIATE TRAFFIC CONTROL STANDARDS; FLAGGERS TO BE UTILIZED WHEN REQUIRED TO PERMIT TWO-WAY TRAFFIC ON SIDE STREETS.

NOTE 3: WESTBOUND NEW YORK TO HAVE AT LEAST ONE LANE FUNCTIONING DURING INSTALLATION OF STORM SEWER.

NOTE 4: ALL EXCAVATIONS TO BE TEMPORARILY PATCHED OR PLATED AT THE END OF EACH WORK DAY.

* TO BE COVERED WHEN WORKERS ARE NOT PRESENT.

• DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN OR EQUAL TO 36" WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES AT THE END OF EACH WORKDAY. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.

• PER ART. 701.11 DURING WORKING HOURS, ALL VEHICLES AND/OR NONOPERATING EQUIPMENT WHICH ARE PARKED, TWO OR LESS, SHALL BE PARKED AT LEAST 8 FT FROM THE OPEN TRAFFIC LANE. FOR OTHER PERIODS OF TIME DURING WORKING AND FOR ALL NONWORKING HOURS, ALL VEHICLES, MATERIALS, AND EQUIPMENT SHALL BE STORED AT A MINIMUM OF 15' FROM THE EDGE OF ANY PAVEMENT OPEN TO TRAFFIC.

• EQUIPMENT, MATERIALS, AND VEHICLES TO BE STORED OUTSIDE OF IDOT R.O.W. AND IN CITY OF AURORA R.O.W.

SYMBOLS



Arrow board



Drum or Type II barricade with monodirection flashing amber beacon



Sign on portable or permanent support



Work area



Type III barricade with flashing lights



Pavement marking removal



PROPOSED TRAFFIC FLOW



CITY OF AURORA
ENGINEERING DIVISION
77 SOUTH BROADWAY
AURORA, ILLINOIS 60505

REVISIONS:

DESIGNED BY:	KM	CHECKED BY:	KM	SCALE:	1" = 20'
DRAWN BY:	AHB	APPROVED BY:	KM	DATE:	1/2025

PROJECT

BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE

SHEET TITLE

TRAFFIC CONTROL PLAN AND MAINTENANCE OF TRAFFIC LEGEND

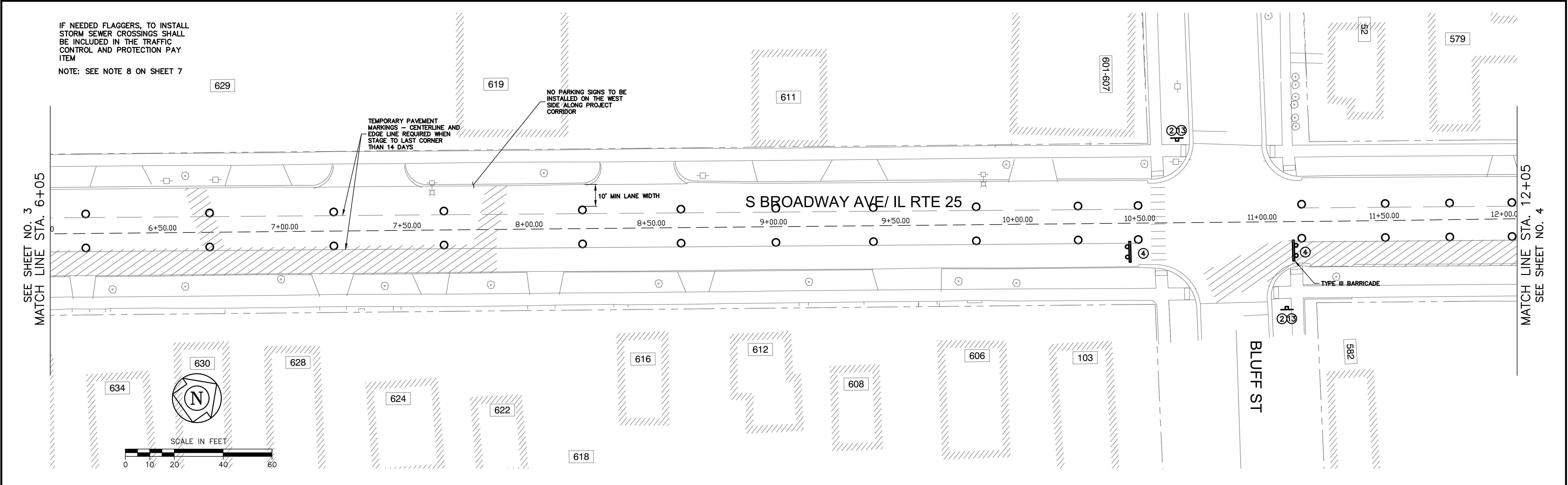
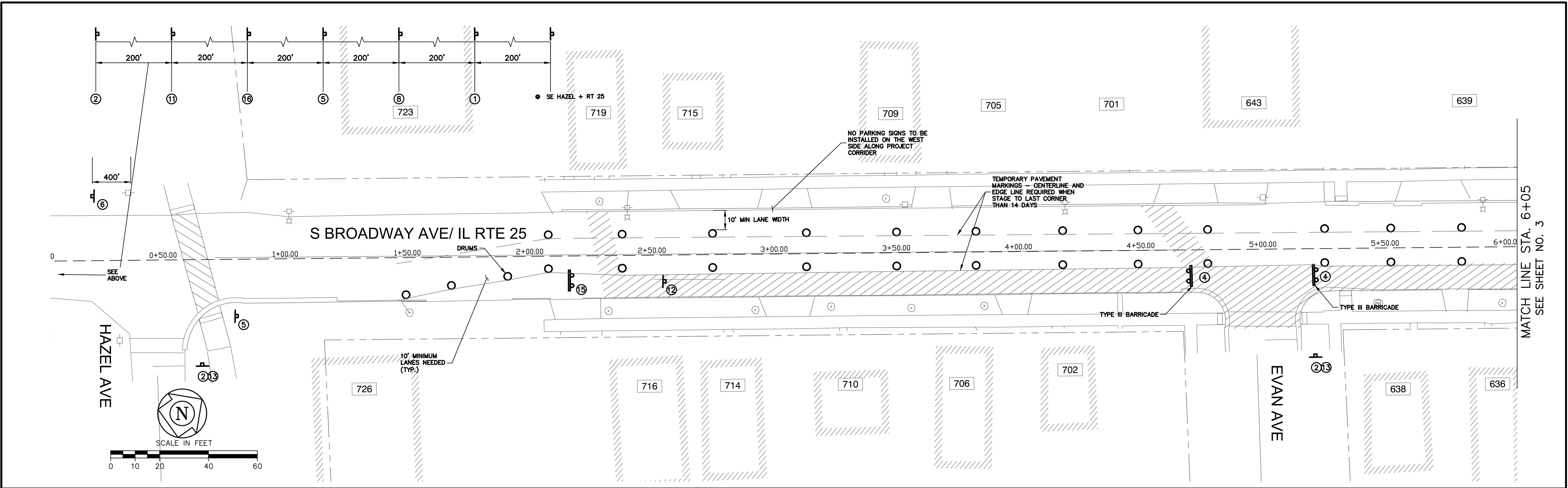
SHEET NUMBER

2

TOTAL SHEETS

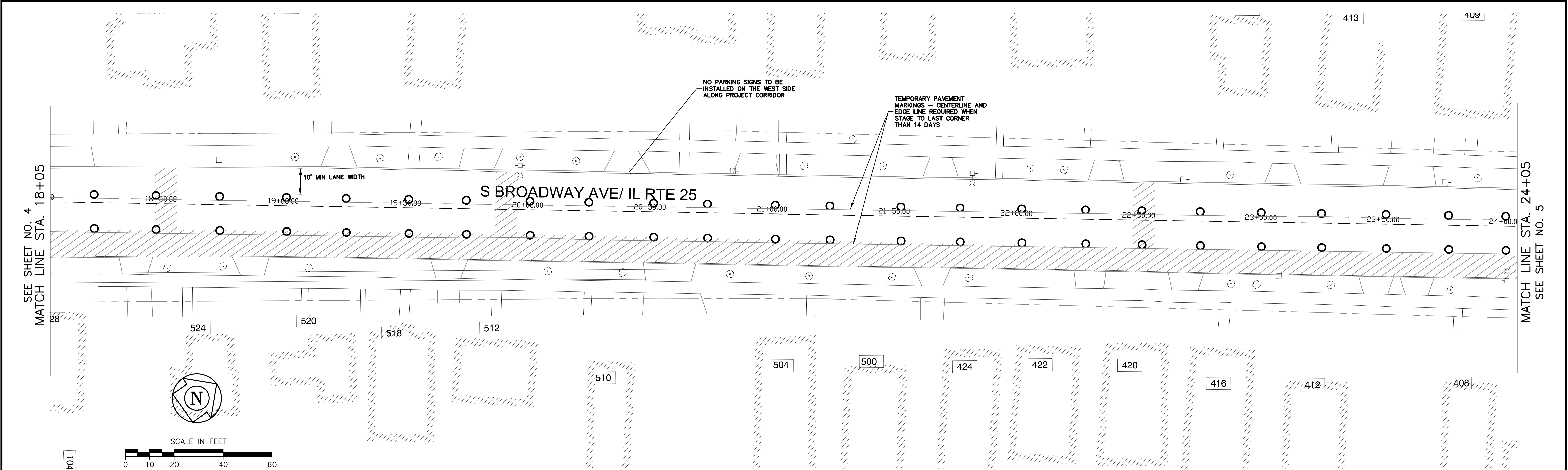
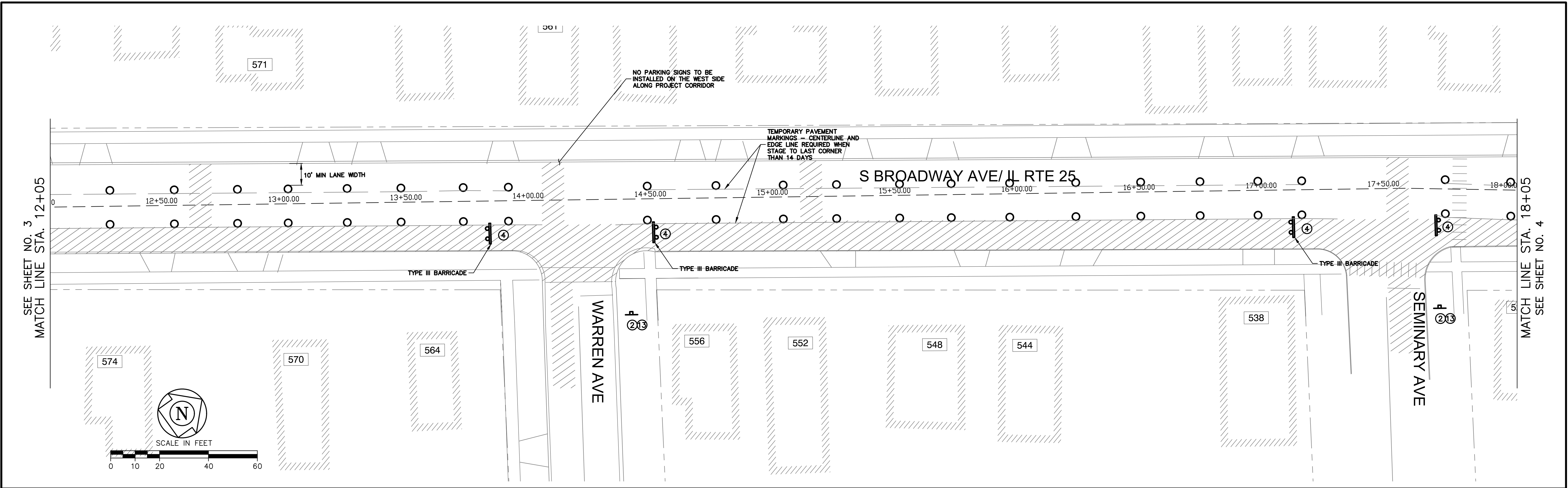
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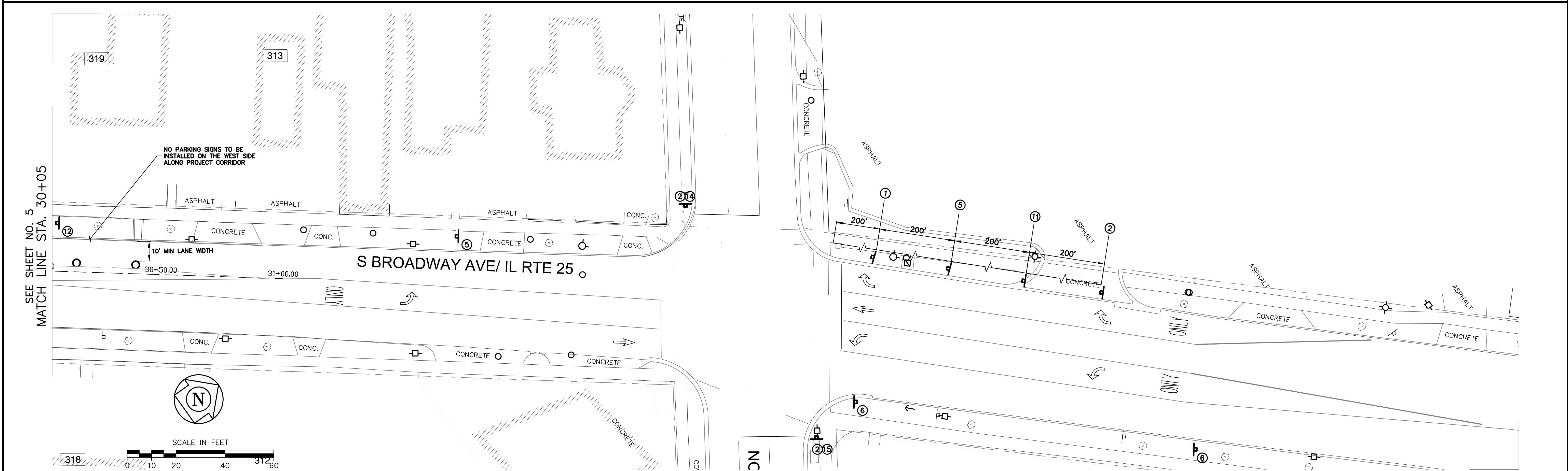
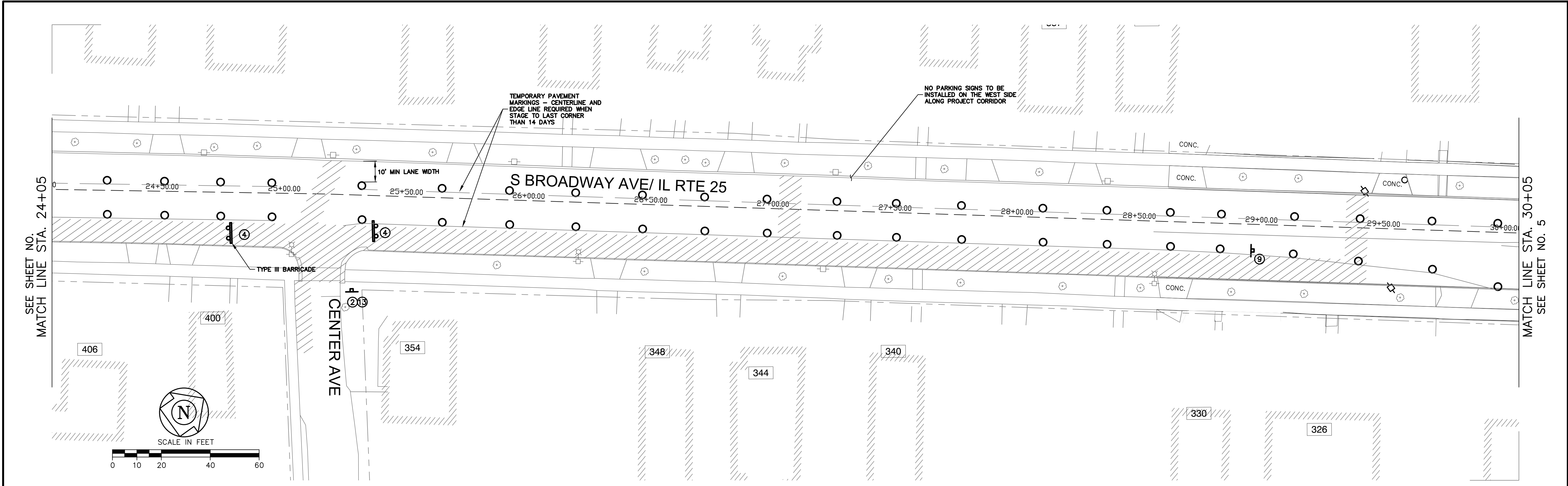
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			DRAWN BY: AHB	APPROVED BY: KM	DATE: 1/2025			

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	CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505	REVISIONS:				PROJECT	SHEET NUMBER 4
						BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE	
						TRAFFIC CONTROL PLAN	
			DESIGNED BY: KM	CHECKED BY: KM	SCALE: 1" = 20'	TOTAL SHEETS 19	
			DRAWN BY: AHB	APPROVED BY: KM	DATE: 1/2025		

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	CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505	REVISIONS:				PROJECT	BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE	SHEET NUMBER
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CITY OF AURORA
ENGINEERING DIVISION
77 SOUTH BROADWAY
AURORA, ILLINOIS 60505

REVISIONS:

DESIGNED BY:	KM	CHECKED BY:	KM	SCALE:	N.T.S.
DRAWN BY:	AHB	APPROVED BY:	KM	DATE:	1/2025

PROJECT

BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATIONS - HAZEL TO NORTH AVE

SHEET NUMBER

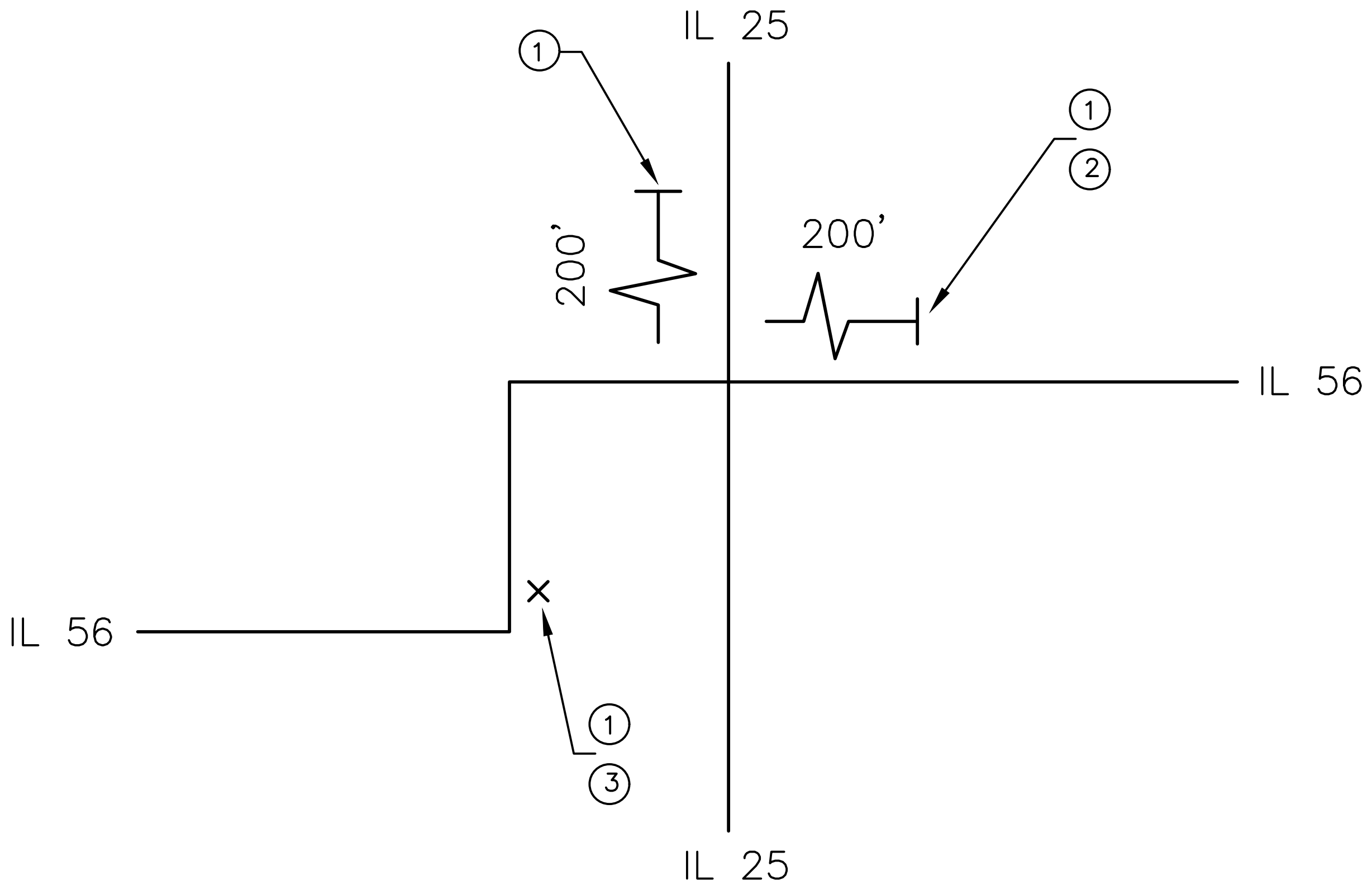
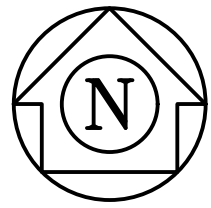
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SHEET TITLE

WIDTH RESTRICTION SIGNING

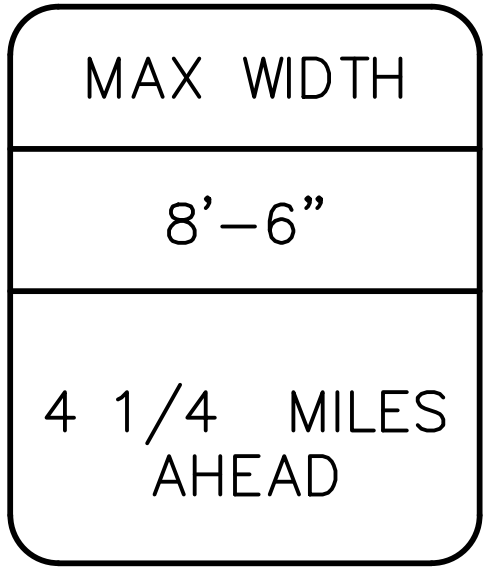
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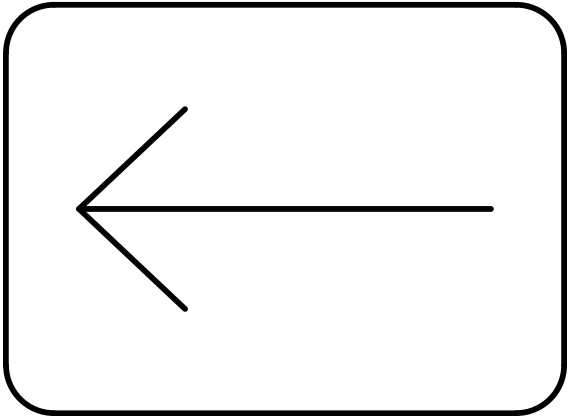
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RESTRICTION SIGNAGE

①



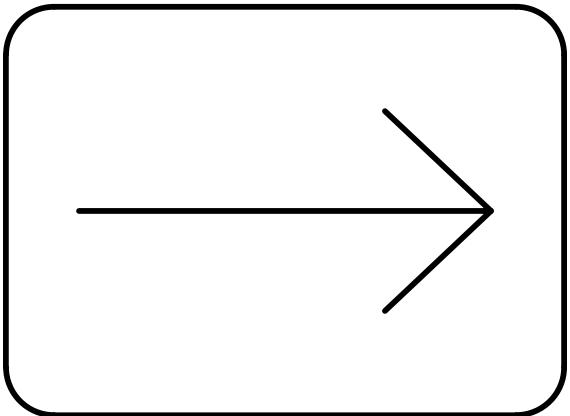
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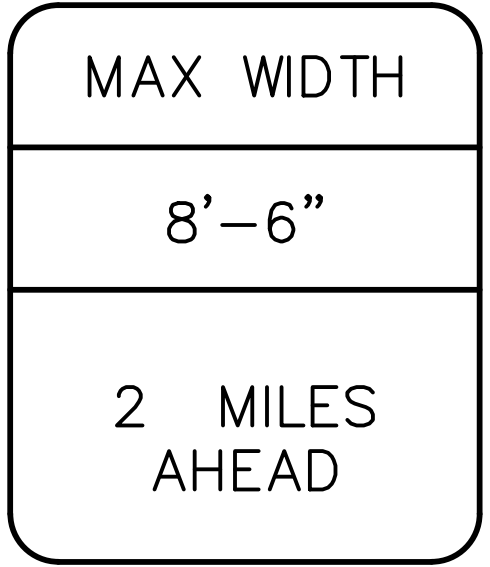
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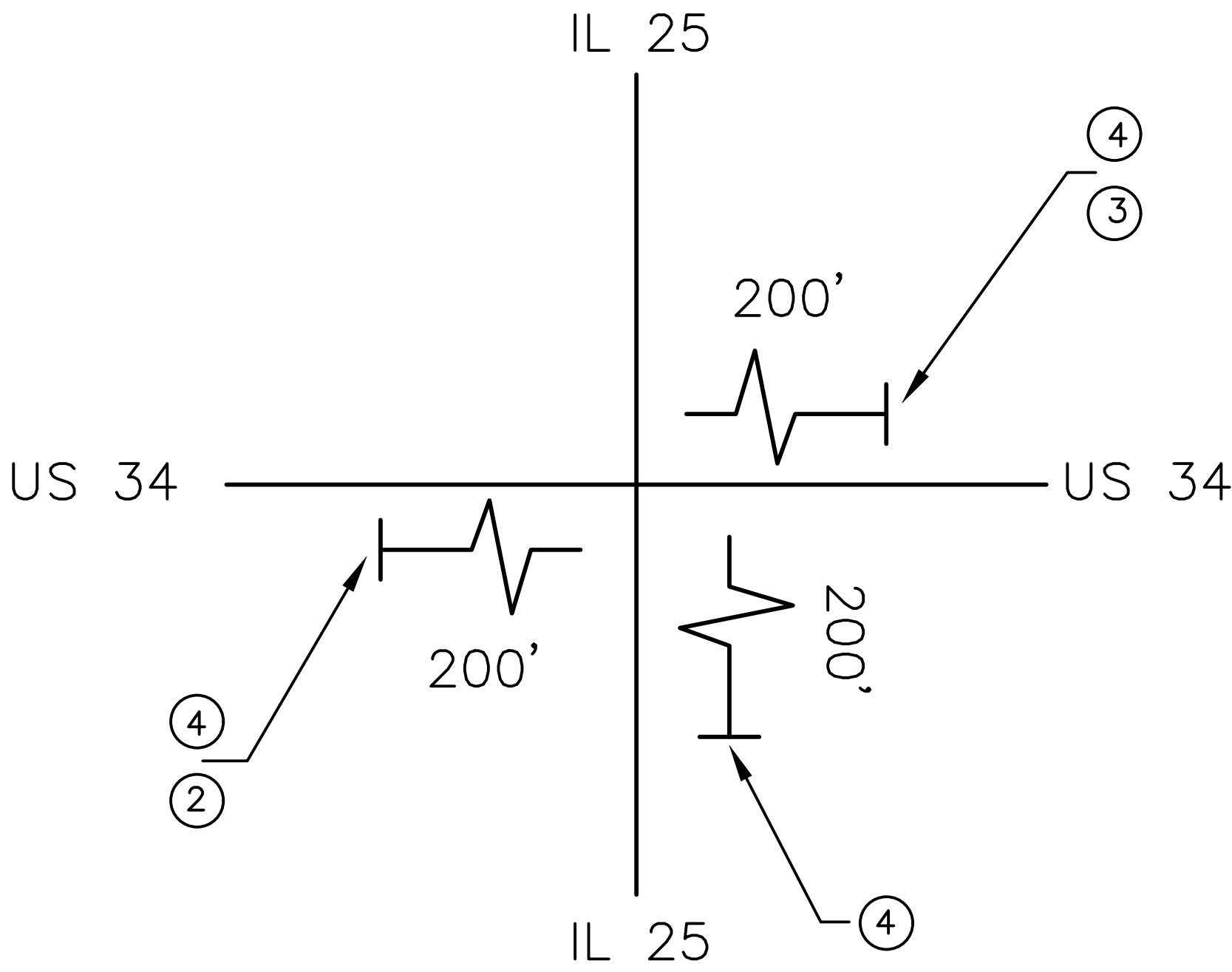
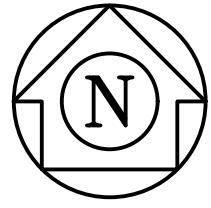


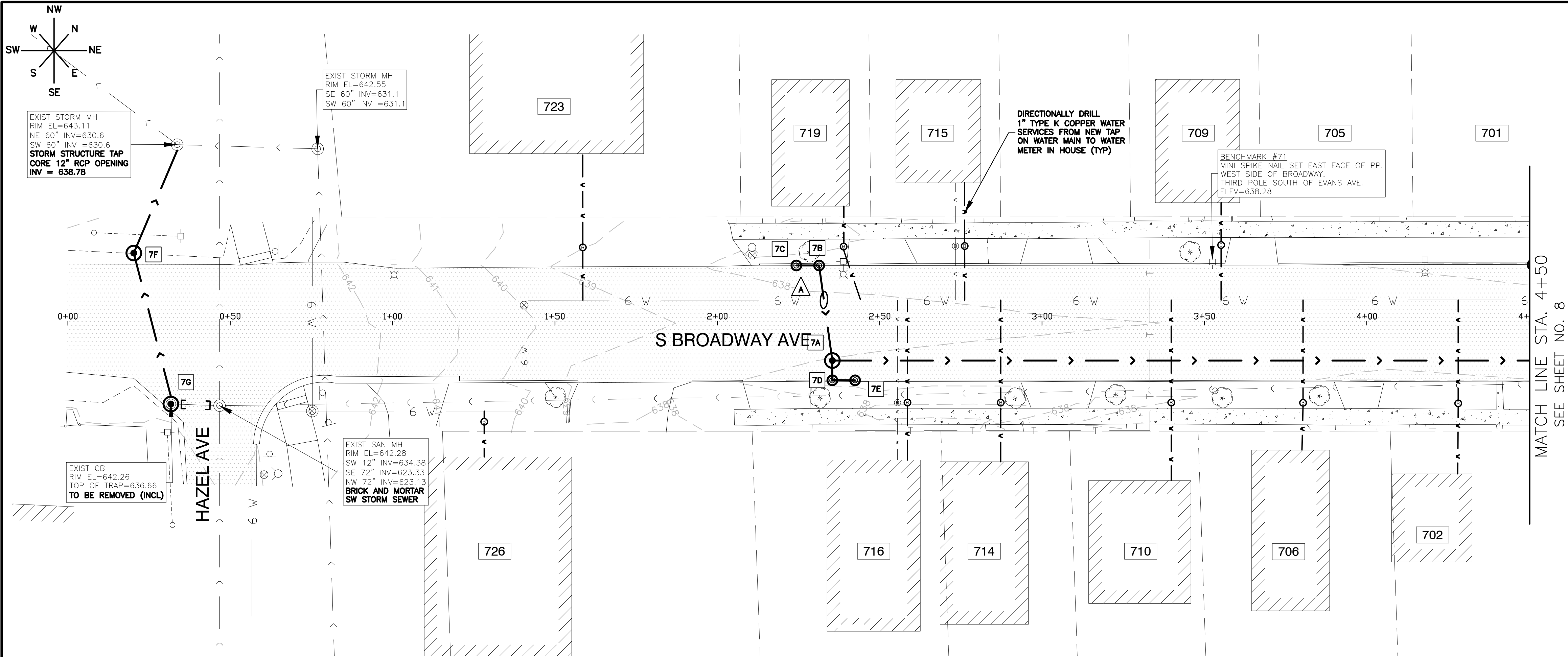
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W12-I103-4846





STORM SEWER STRUCTURES

- 7A** STORM MANHOLE NO. 7A
STA. 2+35
STORM MANHOLE TY A. 4' DIA.
MH W/R - 1713 FR & TY A CL
RIM = 638.00
INV = 633.50 NW, 15" RCP
INV = 633.50 SE, 15" RCP
INV = 633.50 NE, 15" RCP
240 LF OF 15" RCP @ 0.50%
- 7B** CATCH BASIN NO. 7B
STA. 2+31
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
F/L = 637.90
INV = 633.80 S & E, 15" RCP
28 LF OF 15" RCP @ 1.07%
- 7C** CATCH BASIN NO. 7C
STA. 2+24
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
F/L = 637.85
INV = 633.90 NE, 15" RCP
5 LF OF 15" RCP @ 2.00%
- 7D** CATCH BASIN NO. 7D
STA. 2+35
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
RIM = 637.85
INV = 633.80 NW & NE, 15" RCP
8 LF OF 15" RCP @ 1.25%
- 7E** CATCH BASIN NO. 7E
STA. 2+42
CATCH BASIN, 3' DIA. TY C,
W/R - 3067-L FR & GR
RIM = 637.80
INV = 633.70 SW, 15" RCP
8 LF OF 15" RCP @ 1.25%
- 7F** CATCH BASIN NO. 7F
STA. 0+20
CATCH BASIN TY A. 2' DIA.
CB W/R - 1713 FR & TY A OL
RIM = 642.00
INV = 638.95 E, 15" RCP
INV = 638.95 NW, 15" RCP
36 LF OF 15" RCP @ 0.5%
- 7G** CATCH BASIN NO. 7G
STA. 0+31
CATCH BASIN TY A. 2' DIA.
CB W/R - 1713 FR & TY A OL
RIM = 642.20
INV = 639.20 W, 15" RCP
48 LF OF 15" RCP @ 0.5%

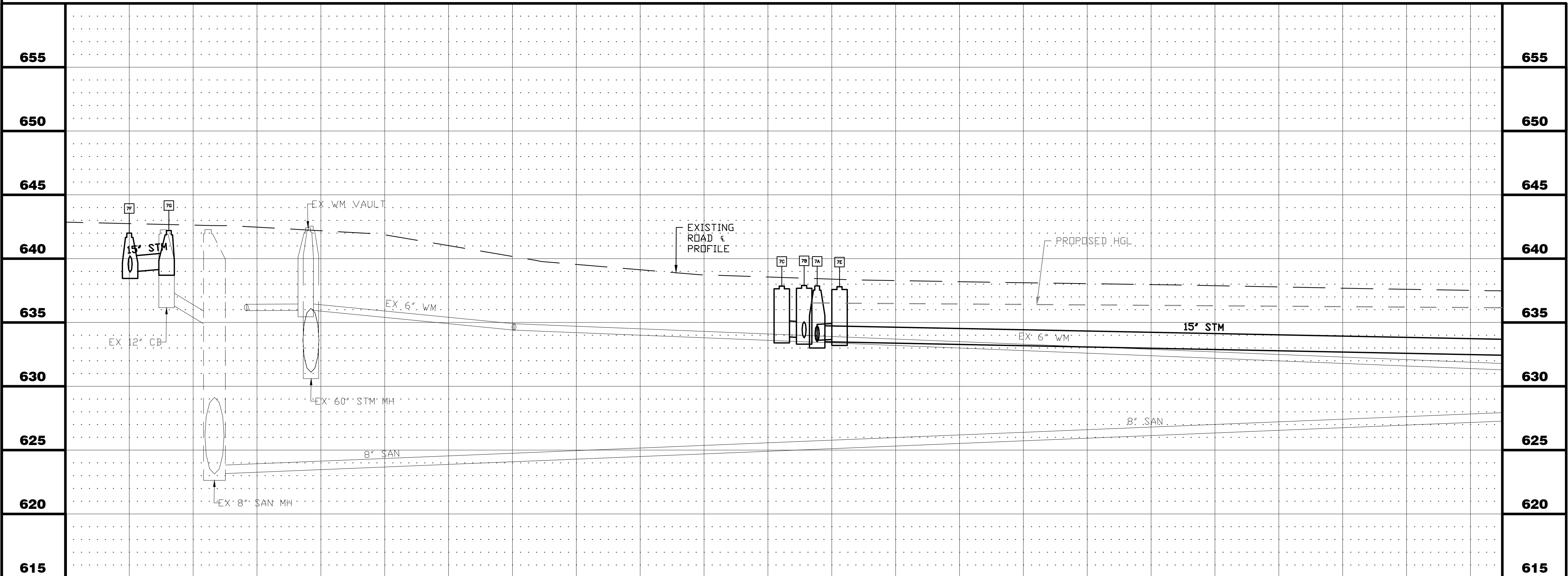
UTILITY CROSSINGS

- A** WATER MAIN CROSSING
B/STM = 633.80
T/WM = 631.90
NO PROTECTION REQUIRED
RCP RUBBER GASKET STORM
SEWER

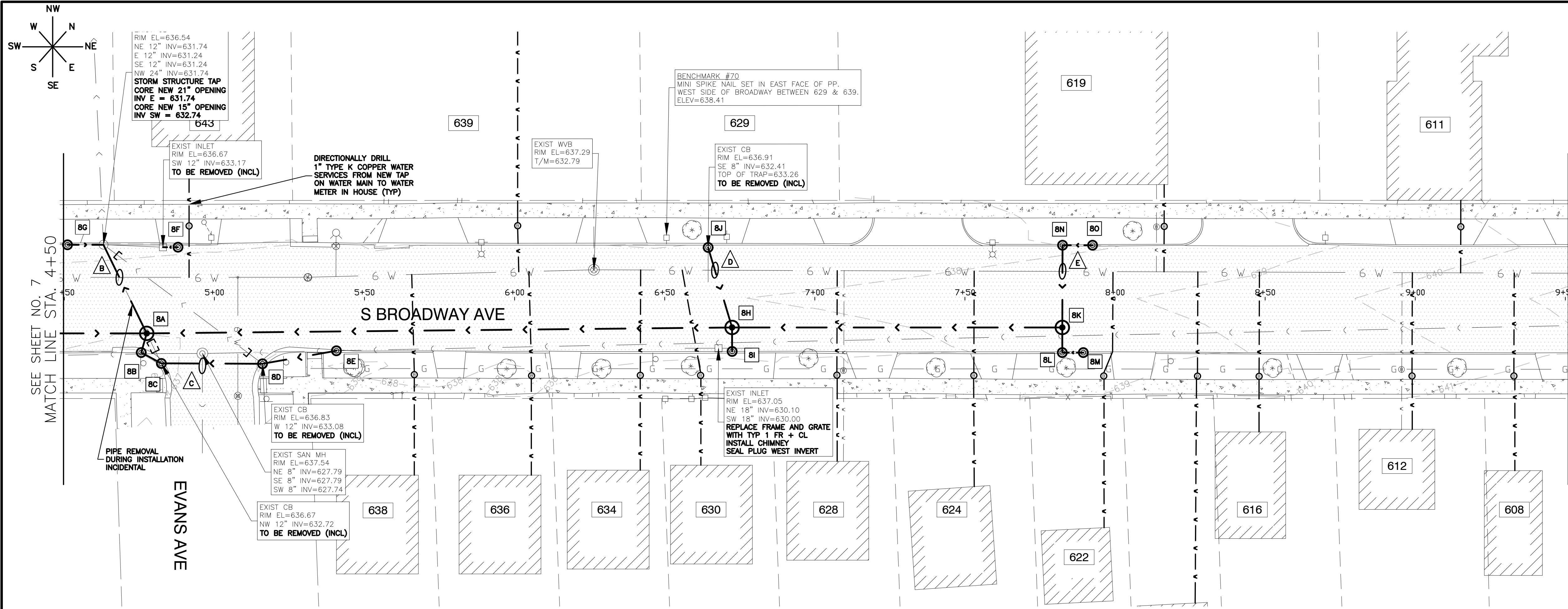


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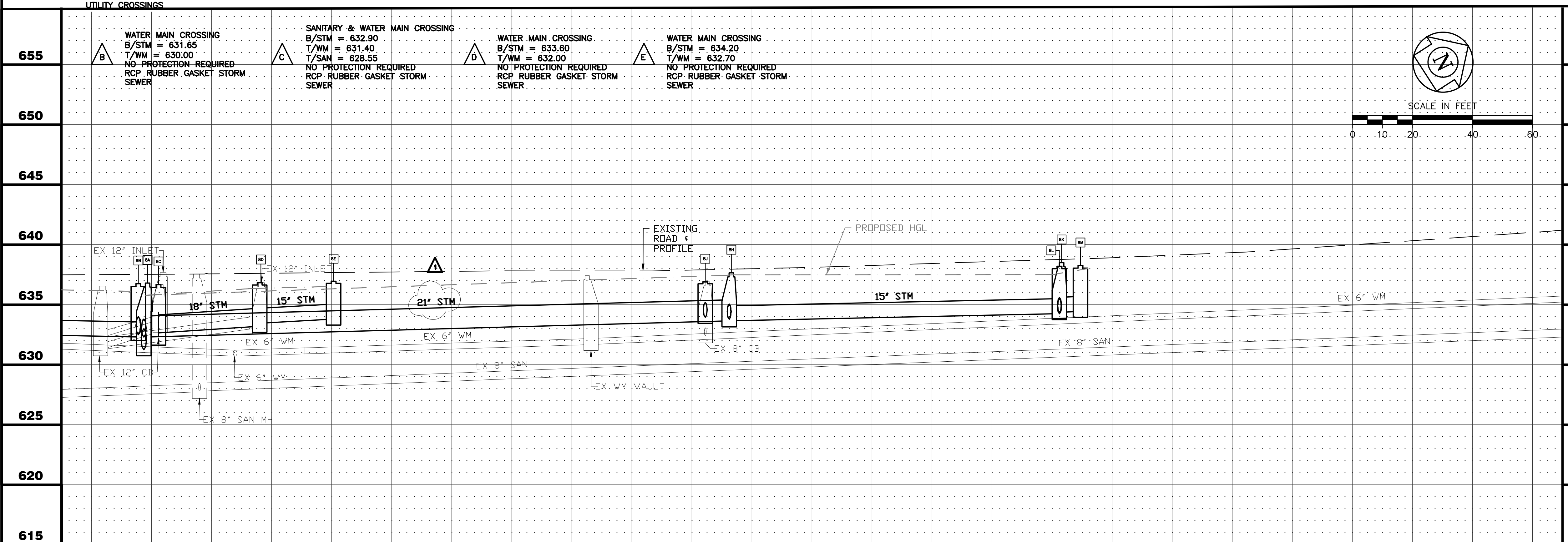
- ALL FITTINGS SHALL BE DUCTILE IRON (DI) MECHANICAL JOINT (MJ) UNLESS OTHERWISE NOTED.
- ALL CONFIRMED LEAD WATER SERVICES SHALL BE REPLACED TO THE WATER METER VIA TRENCHLESS METHODS WITH HOMEOWNER APPROVAL.
- CONTRACTOR TO LOCATE/COORDINATE WITH CITY FOR NEAREST VALVE FOR TEMPORARY SHUT DOWN (PER CITY DIRECTION).
- CONTRACTOR SHALL INSTALL 2" COPPER WHIPS INSIDE VALVE VAULTS AT EACH INTERSECTION (INCIDENTAL).
- ANY POWER POLE BRACING TO BE COORDINATED BY CONTRACTOR (INCIDENTAL).
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0+00		1+00		2+00		3+00		4+00		4+50	
DESIGNED BY: KTM		CHECKED BY: KTM		SCALE: 1" = 20'		PROJECT		BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE		SHEET NUMBER	
DRAWN BY: AHB		APPROVED BY: KTM		DATE: 2025		SHEET TITLE		PLAN & PROFILE - BROADWAY AVE - STA. 0+00 TO STA. 4+50		TOTAL SHEETS	
										19	

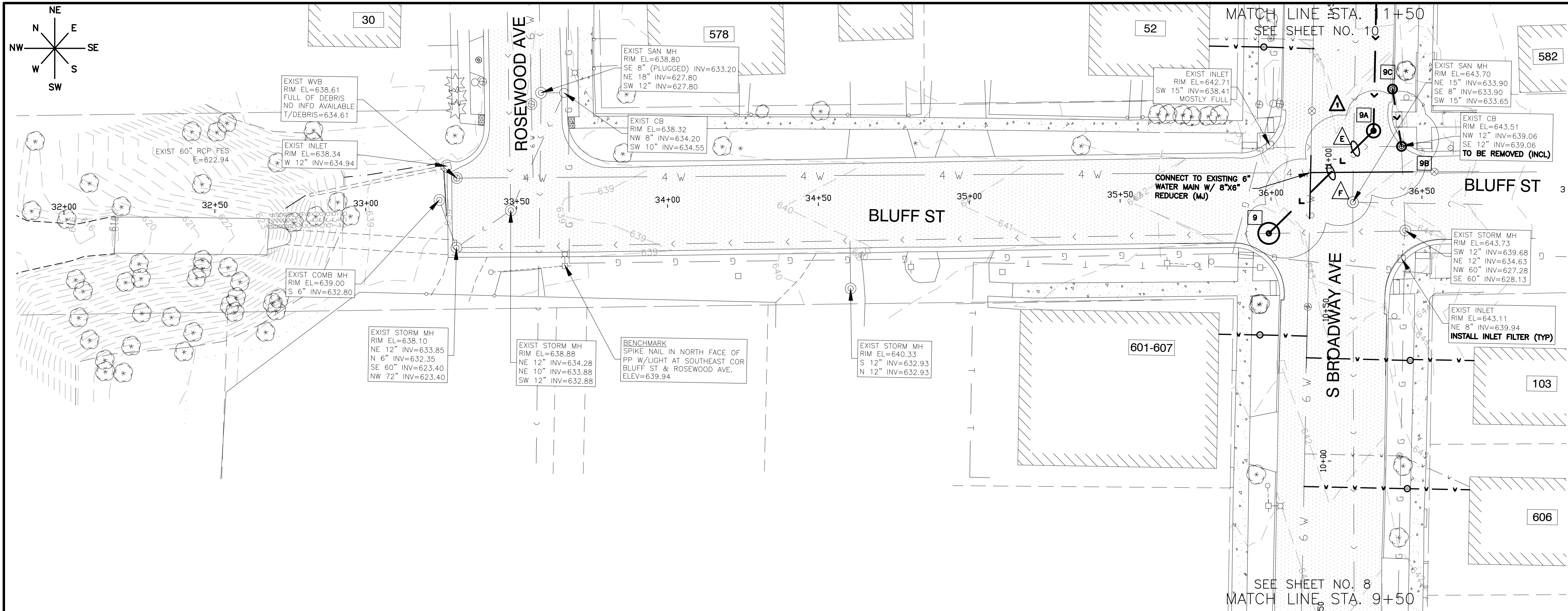


STORM SEWER STRUCTURES	
8A	STORM MANHOLE NO. 8A STA. 4+77 MH W/R - 1713 FR & TY A CL RIM = 636.80 INV = 632.30 S, 18" RCP INV = 632.30 SW, 15" RCP INV = 632.30 NE, 21" RCP 32 LF OF 21" RCP @ 1.75%
8B	CATCH BASIN NO. 8B STA. 4+75 CATCH BASIN, 3' DIA. TY C, W/R - 3067-L FR & GR F/L = 636.75 INV = 632.50 NE, 18" RCP INV = 632.50 SW, 18" RCP 7 LF OF 18" RCP @ 2.86%
8C	CATCH BASIN NO. 8C STA. 4+82 REMOVE CATCH BASIN REPLACE W/3' DIA. CATCH BASIN W/R - 3067-L FR & GR F/L = 636.67 INV = 632.65 NE, 18" RCP INV = 632.65 SW, 18" RCP 8 LF OF 18" RCP @ 1.88%
8D	CATCH BASIN NO. 8D STA. 5+16 REMOVE CATCH BASIN REPLACE W/3' DIA. CATCH BASIN W/R - 3067-L FR & GR RIM = 638.83 INV = 633.20 SW, 18" RCP INV = 633.45 NE, 15" RCP 35 LF OF 18" RCP @ 1.57%
8E	CATCH BASIN NO. 8E STA. 5+40 CATCH BASIN, 3' DIA. TY C, W/R - 3067-L FR & GR F/L = 636.95 INV = 633.80 SW, 15" RCP 25 LF OF 15" RCP @ 1.40%
8F	CATCH BASIN NO. 8F STA. 4+87 REMOVE CATCH BASIN REPLACE W/3' DIA. CATCH BASIN W/R - 3067-L FR & GR F/L = 636.70 INV = 633.53 SW, 12" RCP 6 LF OF 12" RCP @ 7.15%
8G	CATCH BASIN NO. 8G STA. 4+51 CATCH BASIN, 3' DIA. TY C, W/R - 3067-L FR & GR F/L = 636.65 INV = 632.90 NE, 15" RCP 8 LF OF 15" RCP @ 2.00%
8H	STORM MANHOLE NO. 8H STA. 6+72 STORM MANHOLE TY A. 5' DIA. MH W/R - 1713 FR & TY A CL F/L = 637.65 INV = 633.80 W & SE, 15" RCP INV = 633.65 SW, 21" RCP 195 LF OF 21" RCP @ 0.69%
8I	CATCH BASIN NO. 8I STA. 7+82 CATCH BASIN, 3' DIA. TY C, W/R - 3067-L FR & GR F/L = 637.05 INV = 633.90 NW, 15" RCP 8 LF OF 15" RCP @ 1.25%
8J	CATCH BASIN NO. 8J STA. 6+64 CATCH BASIN, 3' DIA. TY C, W/R - 3067-L FR & GR RIM = 636.90 INV = 633.95 E, 15" RCP 28 LF OF 15" RCP @ 0.54%
8K	STORM MANHOLE NO. 8K STA. 7+82 STORM MANHOLE TY A. 4' DIA. MH W/R - 1713 FR & TY A CL F/L = 638.50 INV = 634.25 SW, WE & NW, 15" RCP 110 LF OF 15" RCP @ 0.64%
8L	CATCH BASIN NO. 8L STA. 7+82 CATCH BASIN, 3' DIA. TY C, W/R - 3067-L FR & GR F/L = 638.20 INV = 634.35 NW & NE, 15" RCP 8 LF OF 15" RCP @ 1.25%

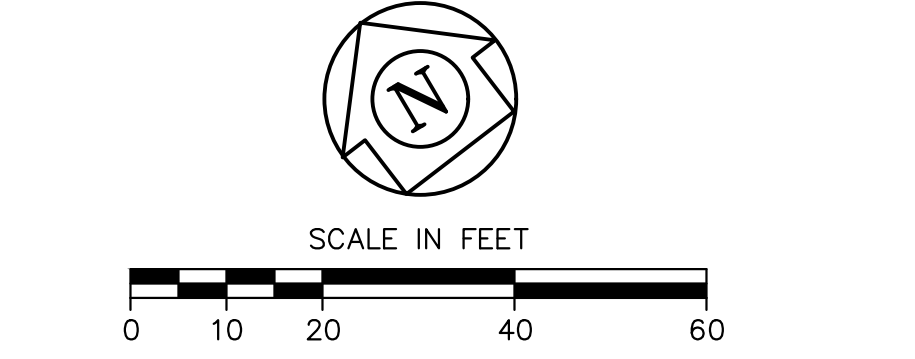


8M	CATCH BASIN NO. 8M STA. 7+89 CATCH BASIN, 3' DIA. TY C, W/R - 3067-L FR & GR F/L = 638.25 INV = 634.45 SW, 15" RCP 8 LF OF 15" RCP @ 1.25%
8N	CATCH BASIN NO. 8N STA. 7+82 CATCH BASIN, 3' DIA. TY C, W/R - 3067-L FR & GR F/L = 637.90 INV = 634.50 N & E, 15" RCP 28 LF OF 15" RCP @ 0.54%
8O	CATCH BASIN NO. 8O STA. 7+92 CATCH BASIN, 3' DIA. TY C, W/R - 3067-L FR & GR F/L = 637.95 INV = 634.60 SW, 15" RCP 8 LF OF 15" RCP @ 1.25%
NOTES:	
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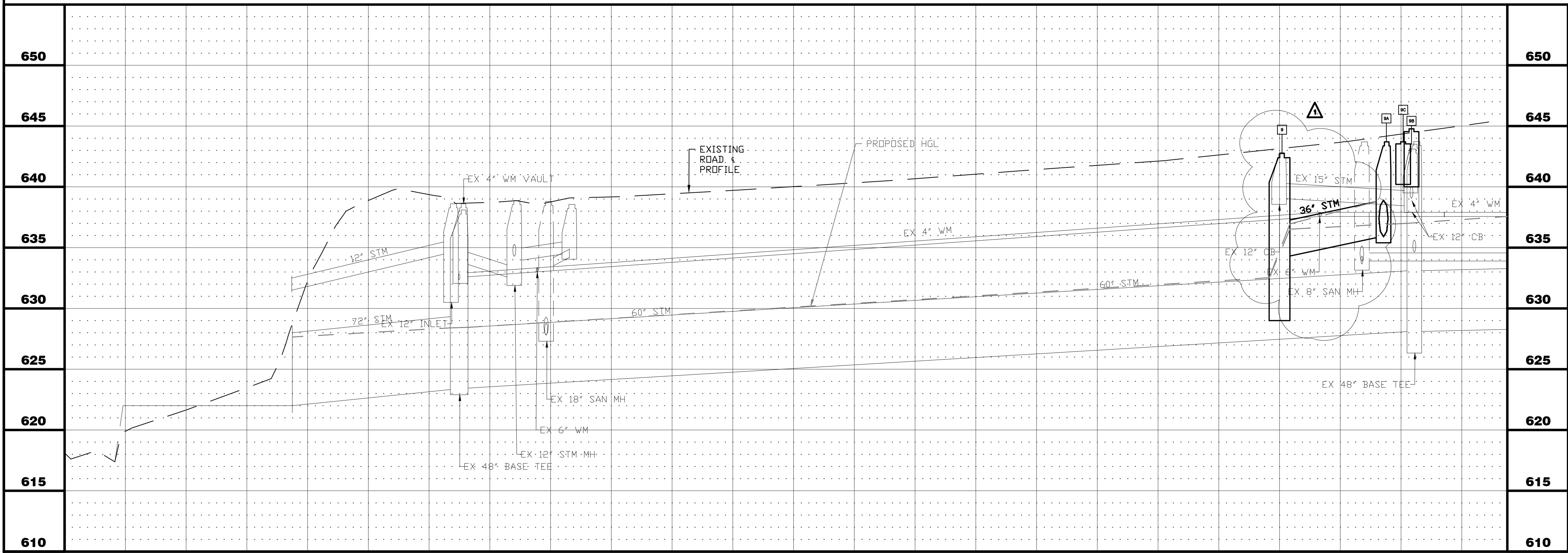
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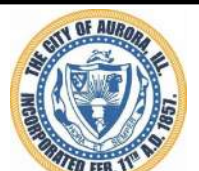


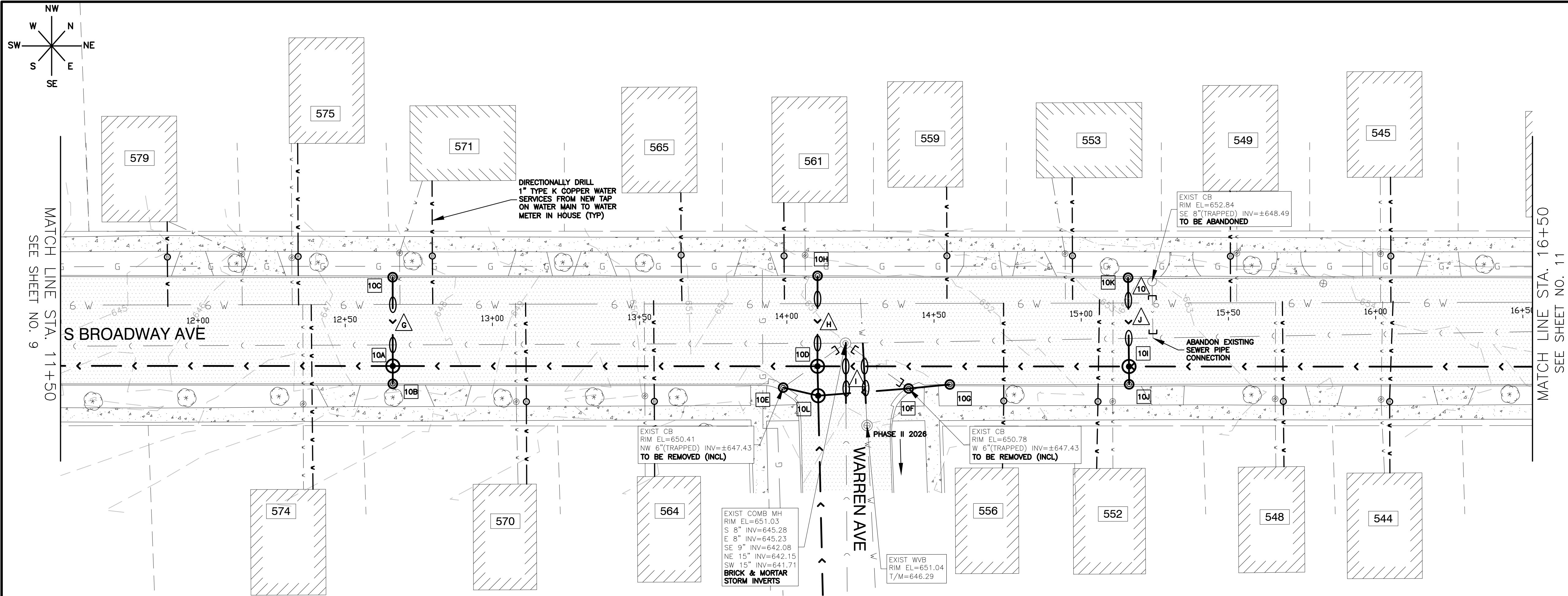
- STORM SEWER STRUCTURES**
- 9** STORM MANHOLE NO. 9
STA. 10+75
STORM DOGHOUSE MANHOLE TY A. 7' DIA.
CUT OPEN TOP 1' OF 60" PIPE AND POUR
CONCRETE BENCH TO BOTTOM OF CUT OPENING
W/R - 1713 FR & TY A CL
RIM = 642.80
INV = 634.40 E, 36" RCP
INV = 626.60 NW & SE, 60" RCP
- 9A** STORM MANHOLE NO. 9A
STA. 11+09
STORM MANHOLE TY A. 5' DIA.
W/R - 1713 FR & TY A CL
RIM = 643.70
INV = 635.90 NE & S, 36" RCP
50 LF OF 36" RCP @ 3.00%
- 9B** CATCH BASIN NO. 9B
STA. 11+ 04
REMOVE EXISTING CATCH BASIN &
REPLACE W TY C /3' DIA. CATCH
BASIN W/R - 3067 FR & TY R GR
F/L = 643.50
INV = 640.50 NE & NW, 15" RCP
INV = 639.06 SW, 15" RCP
CONNECT TO EXISTING RCP
- 9C** CATCH BASIN NO. 9C
STA. 11+25
CATCH BASIN, 3' DIA. TY C,
W/R - 3067 FR & TY R GR
F/L = 643.70
INV = 640.70 S, 15" RCP
15 LF OF 15" RCP @ 1.33%
- UTILITY CROSSINGS**
- E** SANITARY CROSSING
B/EX STM = 639.20
T/PR STM = 638.30
T/SAN = 635.25
SAN TO BE LINED BY SEPARATE
CONTRACTOR
R&R EX 15" RCP, 20LF
- F** WATER MAIN CROSSING
B/STM = 634.70
T/WM = 633.20
LOWER 4" WATER MAIN USING 8"
DIP, 8"x4" REDUCERS AND 8"
SOLID SLEEVES (ALL MJ)



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32+00		33+00		34+00		35+00		36+00		36+75	
		CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505		REVISIONS: 1 CONSTRUCTION ISSUE - 7/7/25		DESIGNED BY: KTM CHECKED BY: KTM SCALE: 1" = 20'		PROJECT BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE		SHEET NUMBER 9	
				DRAWN BY: AHB		APPROVED BY: KTM		DATE: 2025		SHEET TITLE PLAN & PROFILE - S BROADWAY - STA. 10+50 TO STA. 11+50	
										TOTAL SHEETS 19	



STORM SEWER STRUCTURES

- 10A

STORM MANHOLE NO. 10A
STA. 12+66
STORM MANHOLE TY A. 5' DIA.
W/R - 1713 FR & TY A CL
RIM = 647.80
INV = 643.40 NW, 15" RCP
INV = 643.50 SE, 15" RCP
INV = 640.20 NE & SW, 36" RCP
162 LF OF 36" RCP @ 2.65%
- 10B

CATCH BASIN NO. 10B
STA. 12+66
CATCH BASIN TY C, 3' DIA.
W/R - 3067 FR & TY R GR
F/L = 647.60
INV = 643.60 NW, 15" RCP
6 LF OF 15" RCP @ 1.67%
- 10C

CATCH BASIN NO. 10C
STA. 12+66
CATCH BASIN TY C, 3' DIA.
W/R - 3067 FR & TY R GR
F/L = 647.60
INV = 643.60 SE, 15" RCP
30 LF OF 15" RCP @ 0.67%
- 10D

STORM MANHOLE NO. 10D
STA. 14+10
STORM MANHOLE TY A. 5' DIA.
MH W/R - 1713 FR & TY A CL
RIM = 650.80
INV = 646.80 NW, 15" RCP
INV = 645.80 SE, 18" RCP
INV = 643.70 NE & SW, 36" RCP
144 LF OF 36" RCP @ 2.43%
- 10E

CATCH BASIN NO. 10E
STA. 13+98
REMOVE EXISTING CATCH BASIN &
REPLACE W TY C /3' DIA. CATCH
BASIN W/R - 3067 FR & TY R GR
F/L = 650.40
INV = 646.40 NE, 15" RCP
12 LF OF 15" RCP @ 1.67%
- 10F

CATCH BASIN NO. 10F
STA. 14+41
REMOVE EXISTING CATCH BASIN &
REPLACE W TY C /3' DIA. CATCH
BASIN W/R - 3067 FR & TY R GR
F/L = 650.80
INV = 646.80 NE & SW, 15" RCP
31 LF OF 15" RCP @ 1.29%
- 10G

CATCH BASIN NO. 10G
STA. 14+55
CATCH BASIN TY C, 3' DIA.
W/R - 3067 FR & TY R GR
F/L = 651.00
INV = 647.00 SW, 15" RCP
14 LF OF 15" RCP @ 1.43%
- 10H

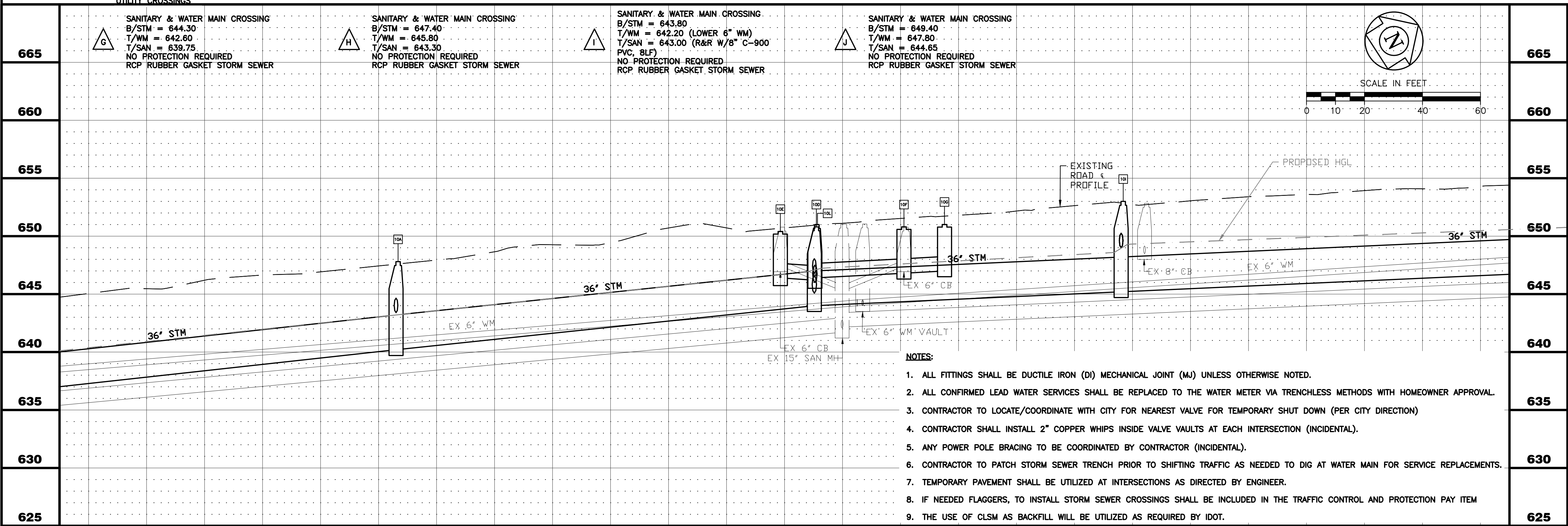
CATCH BASIN NO. 10H
STA. 14+10
CATCH BASIN TY C, 3' DIA.
W/R - 3067 FR & TY R GR
F/L = 650.70
INV = 647.70 SE, 15" RCP
31 LF OF 15" RCP @ 2.90%
- 10I

STORM MANHOLE NO. 10I
STA. 15+16
STORM MANHOLE TY A. 5' DIA.
W/R - 1713 FR & TY A CL
RIM = 653.00
INV = 649.00 NW & SE, 15" RCP
INV = 645.10 NE & SW, 36" RCP
106 LF OF 36" RCP @ 1.32%
- 10J

CATCH BASIN NO. 10J
STA. 15+16
CATCH BASIN TY C, 3' DIA.
W/R - 3067 FR & TY R GR
F/L = 652.80
INV = 649.10 NW, 15" RCP
6 LF OF 15" RCP @ 1.67%
- 10K

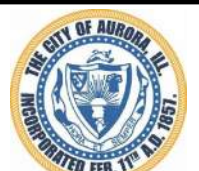
CATCH BASIN NO. 10K
STA. 15+16
CATCH BASIN TY C, 3' DIA.
W/R - 3067 FR & TY R GR
F/L = 652.80
INV = 649.80 SE, 15" RCP
30 LF OF 15" RCP @ 2.67%
- 10L

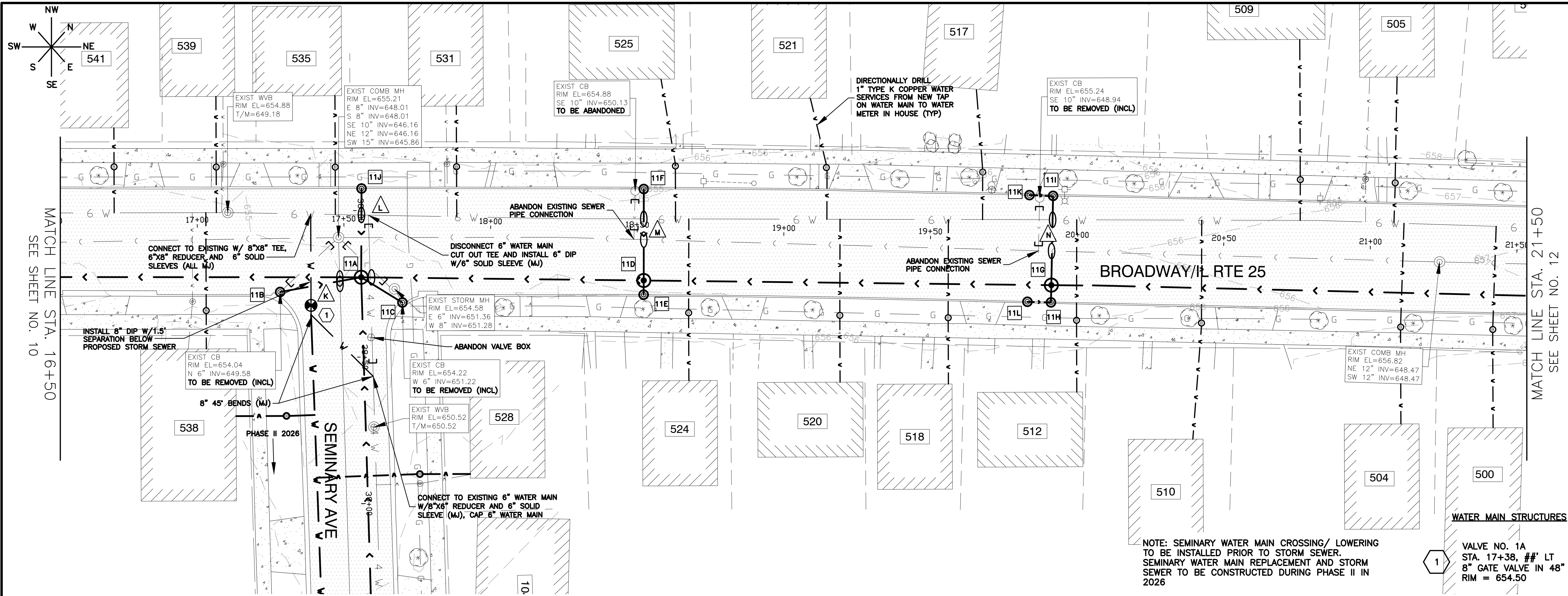
STORM MANHOLE NO. 10L
STA. 14+10
STORM MANHOLE TY A. 4' DIA.
MH W/R - 1713 FR & TY A CL
RIM = 651.00
INV = 646.40 NE, 15" RCP
INV = 646.20 SW, 15" RCP
INV = 646.50 SE, 12" RCP BRICK & MORTAR
INV = 646.00 NW, 18" RCP
10 LF OF 18" RCP @ 2.00%



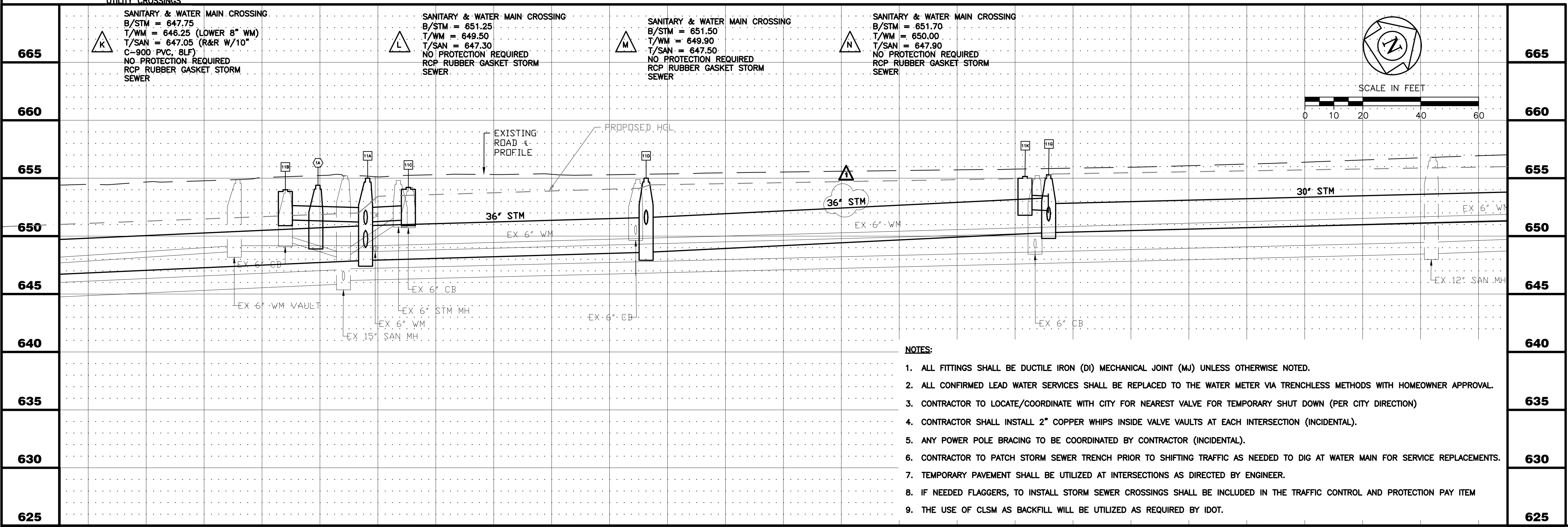
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11+50		12+00		13+00		14+00		15+00		16+00		16+50	
		CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505		REVISIONS: 1 CONSTRUCTION ISSUE - 7/7/25		DESIGNED BY: KTM CHECKED BY: KTM SCALE: 1" = 20'		PROJECT BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE		SHEET NUMBER 10		TOTAL SHEETS 19	
						DRAWN BY: AHB		APPROVED BY: KTM		DATE: 2025		SHEET TITLE PLAN & PROFILE - S BROADWAY - STA. 11+50 TO STA. 16+50	

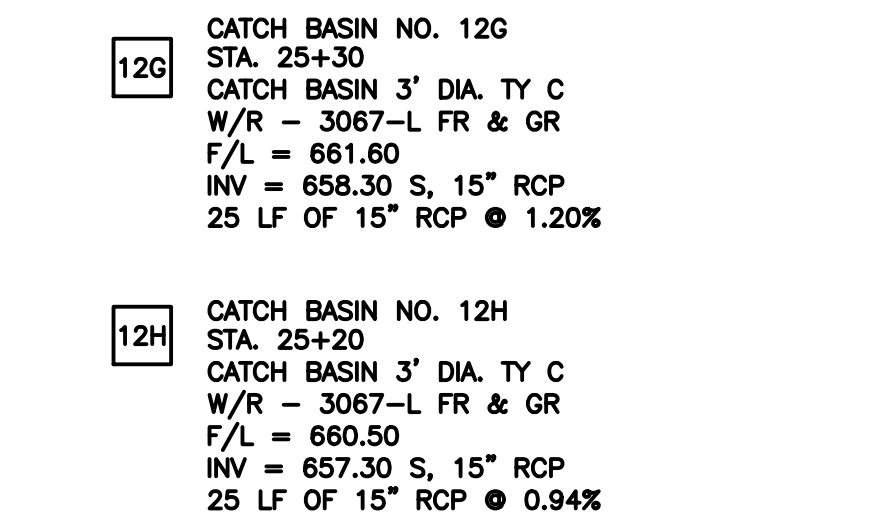
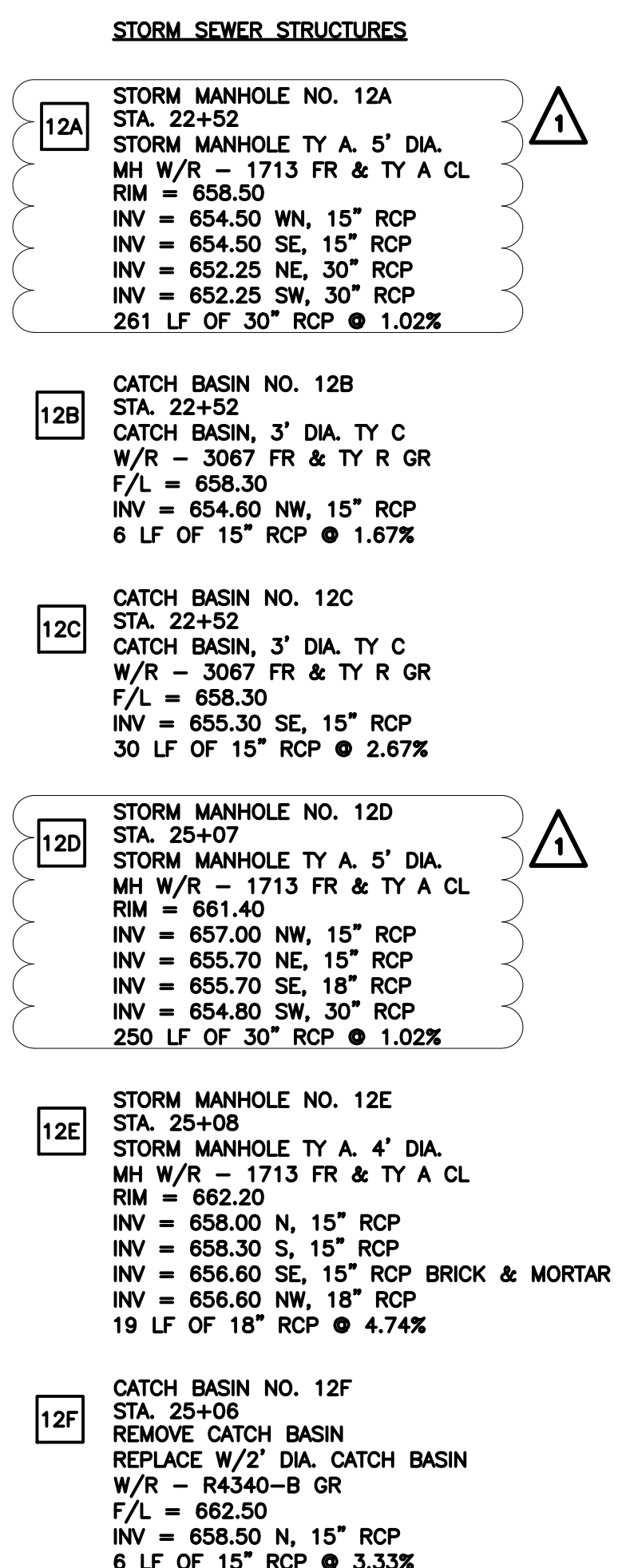


STORM SEWER STRUCTURES	
11A	STORM MANHOLE NO. 11A STA. 17+55 STORM MANHOLE TY A. 5' DIA. MH W/R - 1713 FR & TY A CL RIM = 655.00 INV = 651.20 E & S, 15" RCP INV = 651.00 NW, 15" RCP INV = 649.00 SE, 18" RCP BRICK & MORTAR INV = 647.90 NE & SW, 36" RCP 240 LF OF 36" RCP @ 1.17%
11B	CATCH BASIN NO. 11B STA. 17+28 REMOVE CATCH BASIN REPLACE W/3' DIA. CATCH BASIN W/R - 3067 FR & TY R GR F/L = 654.00 INV = 651.40 N, 15" RCP 28 LF OF 15" RCP @ 0.71%
11C	CATCH BASIN NO. 11C STA. 17+70 REMOVE CATCH BASIN REPLACE W/3' DIA. CATCH BASIN W/R - 3067 FR & TY R GR F/L = 654.20 INV = 651.40 W, 15" RCP 17 LF OF 15" RCP @ 1.18%
11D	STORM MANHOLE NO. 11D STA. 18+52 STORM MANHOLE TY A. 5' DIA. MH W/R - 1713 FR & TY A CL RIM = 655.00 INV = 651.00 NW & SE, 15" RCP INV = 648.60 NE, 36" RCP INV = 648.60 SW, 36" RCP 96 LF OF 36" RCP @ 0.73%
11E	CATCH BASIN NO. 11E STA. 18+52 CATCH BASIN W/3' DIA. CATCH BASIN W/R - 3067 FR & TY R GR F/L = 655.20 INV = 651.10 NW, 15" RCP 6 LF OF 15" RCP @ 1.67%
11F	CATCH BASIN NO. 11F STA. 18+51 REMOVE CATCH BASIN REPLACE W/3' DIA. CATCH BASIN W/R - 3067 FR & TY R GR F/L = 655.20 INV = 652.20 SE, 15" RCP 30 LF OF 15" RCP @ 4.00%
11G	STORM MANHOLE NO. 11G STA. 19+91 STORM MANHOLE TY A. 5' DIA. MH W/R - 1713 FR & TY A CL RIM = 655.30 INV = 651.30 NW & SE, 15" RCP INV = 649.60 NE, 30" RCP INV = 649.60 SW, 36" RCP 139 LF OF 36" RCP @ 0.72%
11H	CATCH BASIN NO. 11H STA. 19+91 CATCH BASIN W/3' DIA. CATCH BASIN W/R - 3067 FR & TY R GR F/L = 655.20 INV = 651.40 NW, 15" RCP 6 LF OF 15" RCP @ 1.67%
11I	CATCH BASIN NO. 11I STA. 19+91 REMOVE CATCH BASIN REPLACE W/3' DIA. CATCH BASIN W/R - 3067 FR & TY R GR F/L = 655.20 INV = 652.20 SE, 15" RCP 30 LF OF 15" RCP @ 3.00%
11J	CATCH BASIN NO. 11J STA. 17+56 CATCH BASIN W/3' DIA. CATCH BASIN W/R - 3067 FR & TY R GR F/L = 655.00 INV = 652.00 SE, 15" RCP 30 LF OF 15" RCP @ 3.33%
11K	CATCH BASIN NO. 11K STA. 19+83 CATCH BASIN 3' DIA. TY C W/R - 3067-L FR & GR F/L = 655.15 INV = 652.30 NE, 15" RCP 8 LF OF 15" RCP @ 1.25%
11L	CATCH BASIN NO. 11L STA. 19+83 CATCH BASIN 3' DIA. TY C W/R - 3067-L FR & GR F/L = 655.15 INV = 651.50 NE, 15" RCP 8 LF OF 15" RCP @ 1.25%



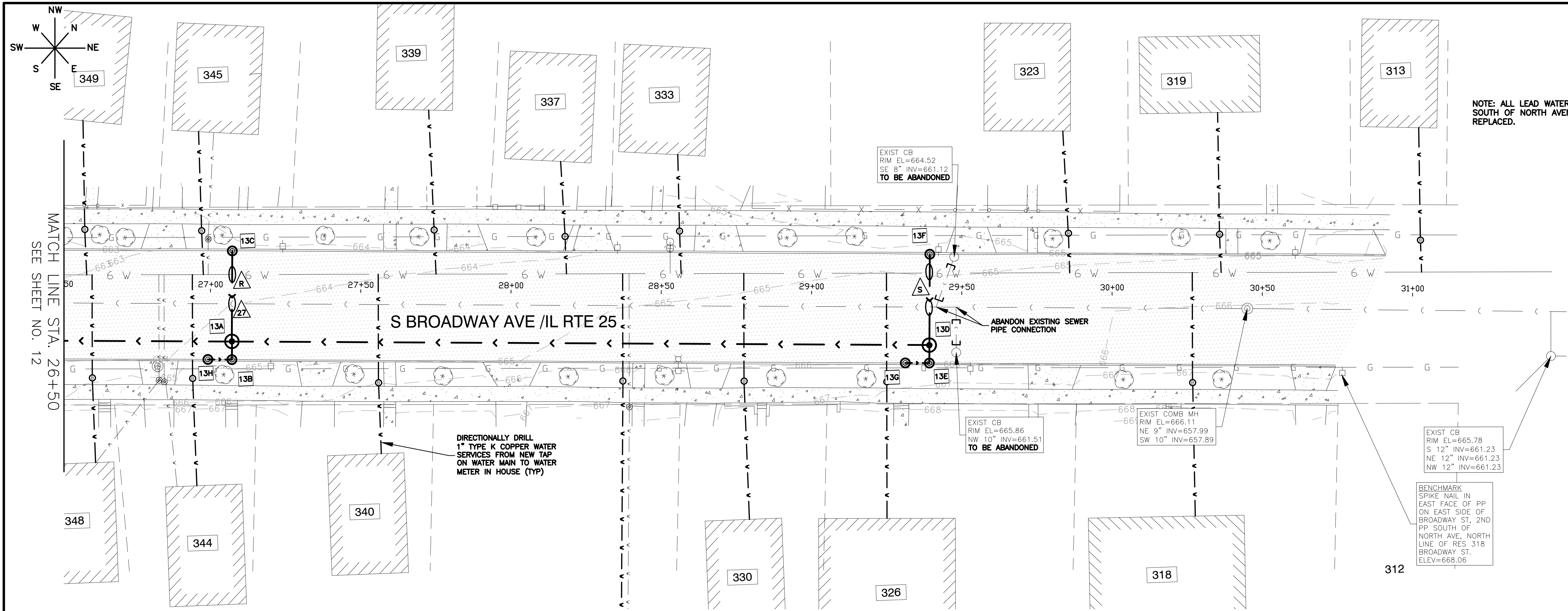
16+50		17+00		18+00		19+00		20+00		21+00		21+50	
		CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505		REVISIONS: 1 CONSTRUCTION ISSUE - 7/7/25		DESIGNED BY: KTM CHECKED BY: KTM SCALE: 1" = 20'		DRAWN BY: AHB APPROVED BY: KTM DATE: 2025		PROJECT BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE		SHEET NUMBER 11	
										SHEET TITLE PLAN & PROFILE - S BROADWAY - STA. 16+50 TO STA. 21+50		TOTAL SHEETS 19	

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NOTE: ALL LEAD WATER SERVICES SOUTH OF NORTH AVENUE TO BE REPLACED.

STORM SEWER STRUCTURES

13A STORM MANHOLE NO. 13A
STA. 27+07
REPLACE W/3' DIA. CATCH BASIN
W/R - 1713 FR & TY A CL
RIM = 663.30
INV = 659.40 NW, 15" RCP
INV = 659.10 SE, 15" RCP
INV = 659.00 NE & SW, 15" RCP
200 LF OF 15" RCP @ 1.65%

13B CATCH BASIN NO. 13B
STA. 27+07
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 663.30
INV = 659.30 NW, 15" RCP
6 LF OF 15" RCP @ 3.33%

13C CATCH BASIN NO. 13C
STA. 27+07
REPLACE W/3' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 663.30
INV = 660.30 SE, 15" RCP
30 LF OF 15" RCP @ 3.00%

13D STORM MANHOLE NO. 13D
STA. 29+39
STORM MANHOLE TY A. 4' DIA.
MH W/R - 1713 FR & TY A CL
RIM = 664.70
INV = 660.70 NW & SE, 15" RCP
INV = 660.20 SW, 15" RCP
232 LF OF 15" RCP @ 0.52%

13E CATCH BASIN NO. 13E
STA. 29+39
CATCH BASIN 3' DIA., TY C
W/R - 3067-L FR & GR
F/L = 664.60
INV = 660.80 NW, 15" RCP
6 LF OF 15" RCP @ 1.67%

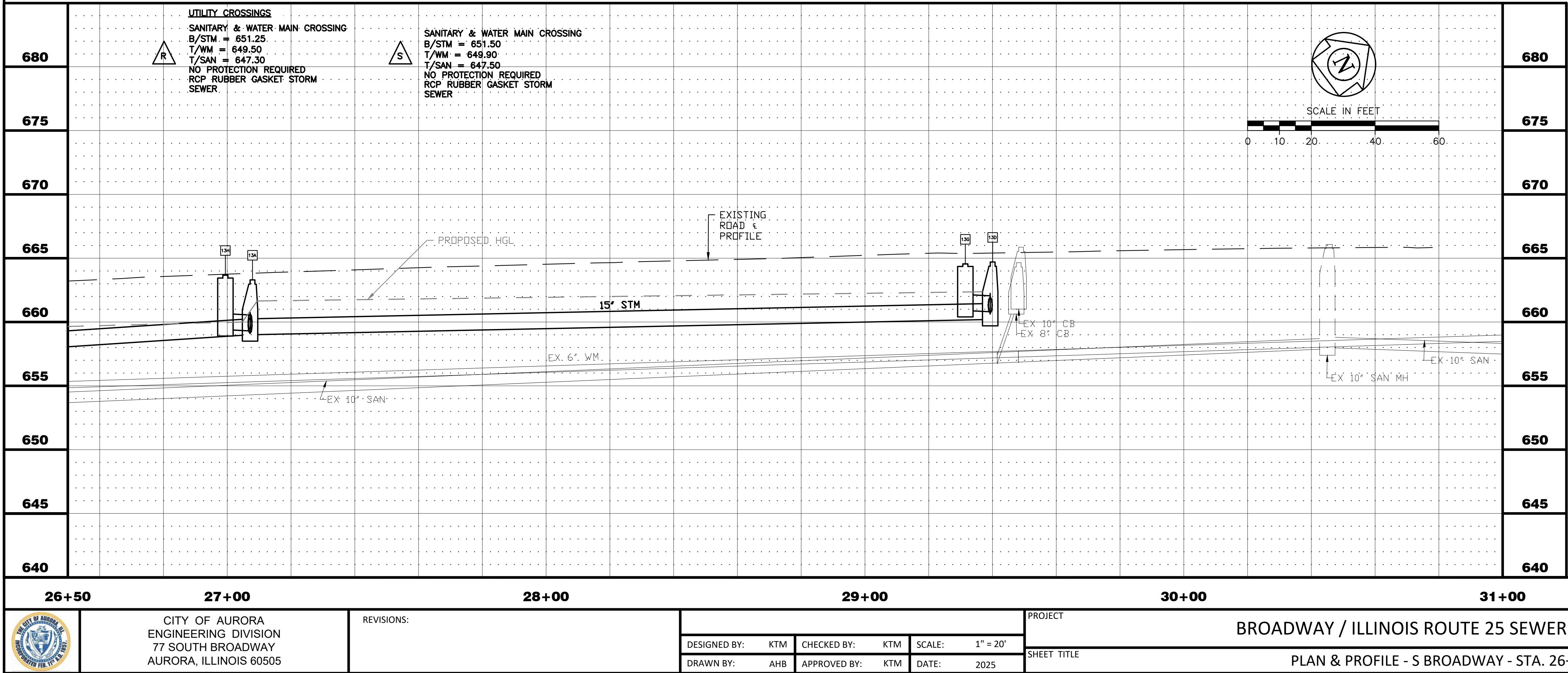
13F CATCH BASIN NO. 13F
STA. 29+39
REPLACE W/2' DIA. CATCH BASIN
W/R - 3067 FR & TY R GR
F/L = 664.60
INV = 661.60 SE, 15" RCP
30 LF OF 15" RCP @ 3.00%

13G CATCH BASIN NO. 13G
STA. 29+31
CATCH BASIN 3' DIA., TY C
W/R - 3067-L FR & GR
F/L = 664.55
INV = 660.90 N, 15" RCP
8 LF OF 15" RCP @ 1.25%

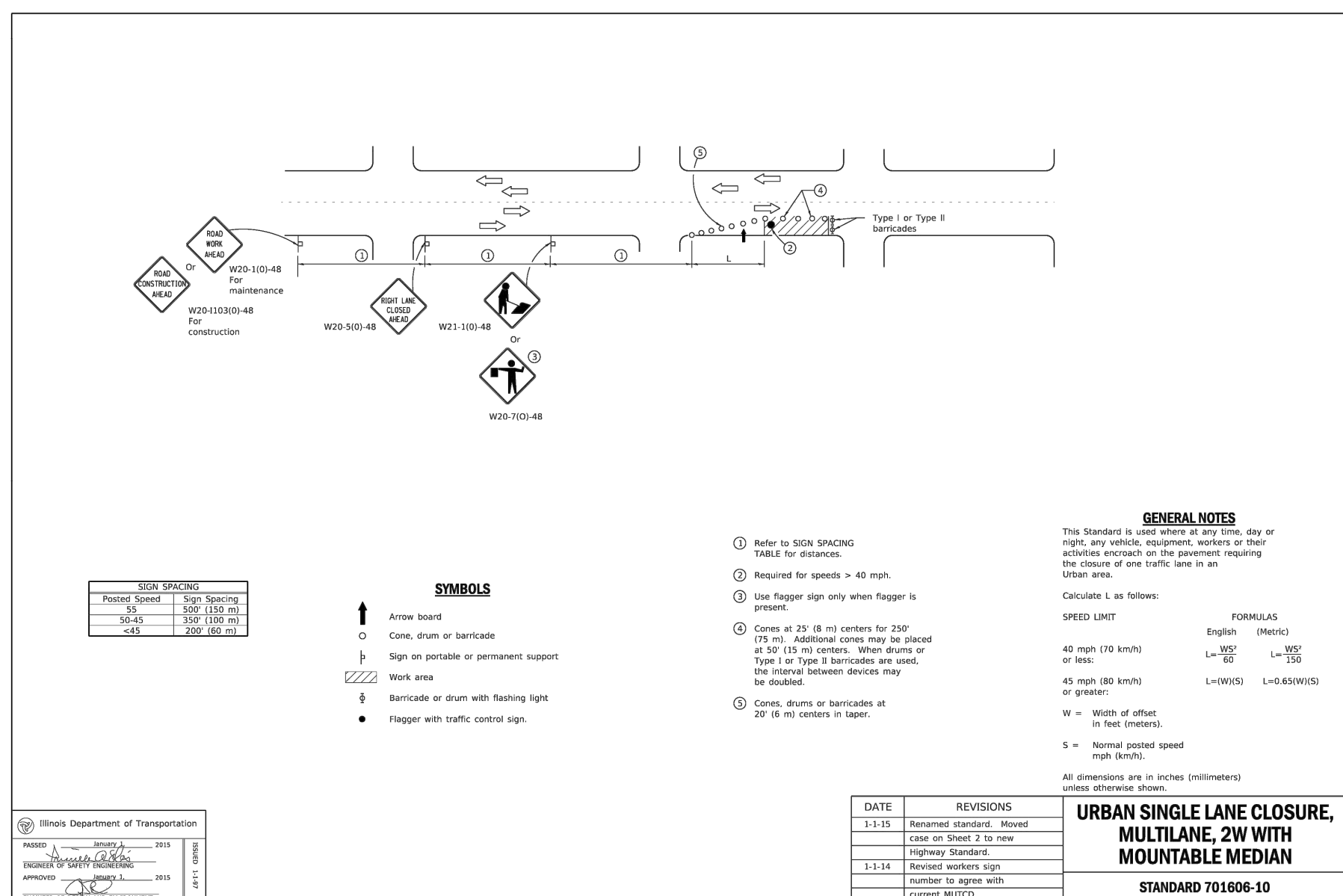
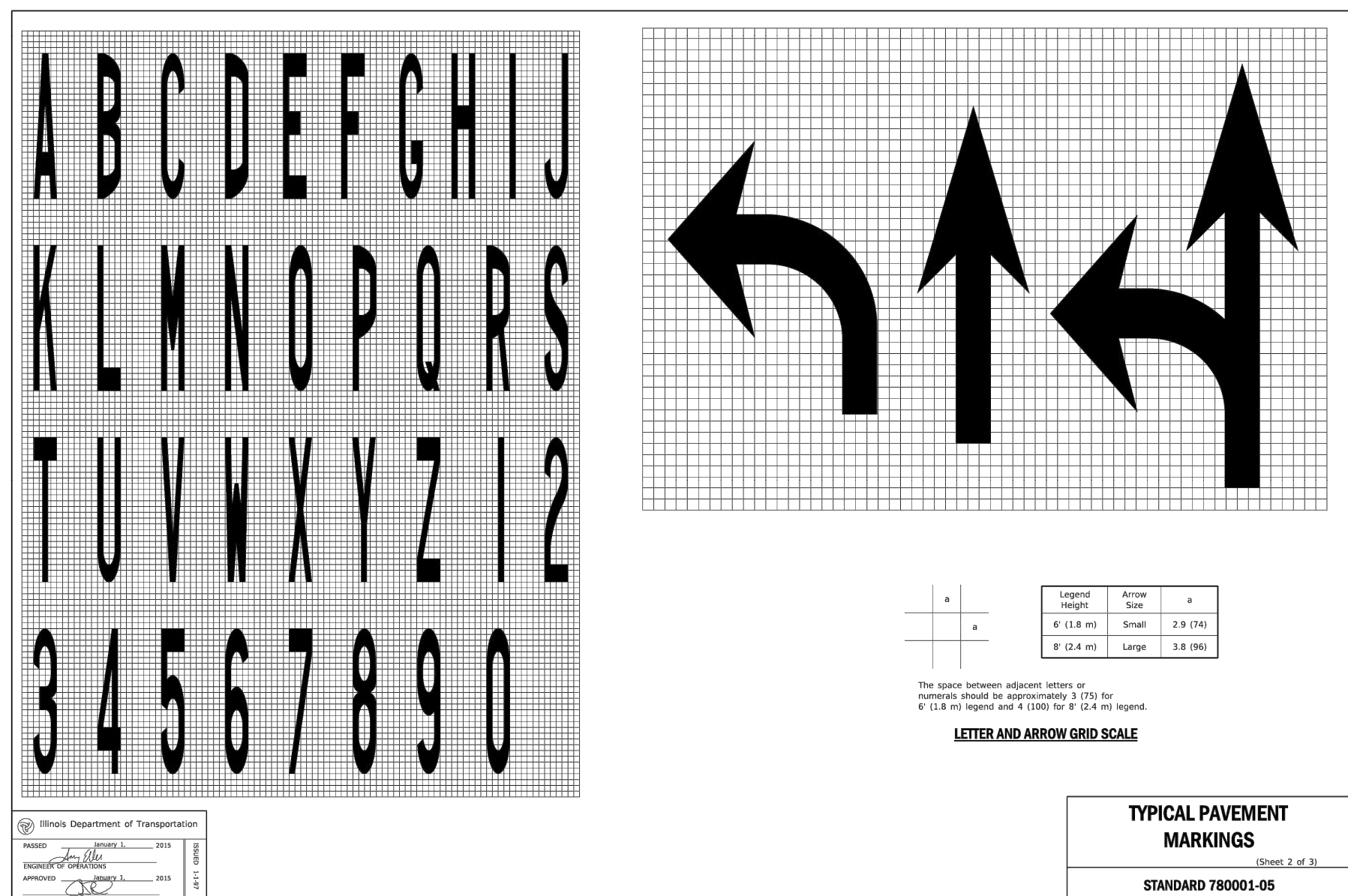
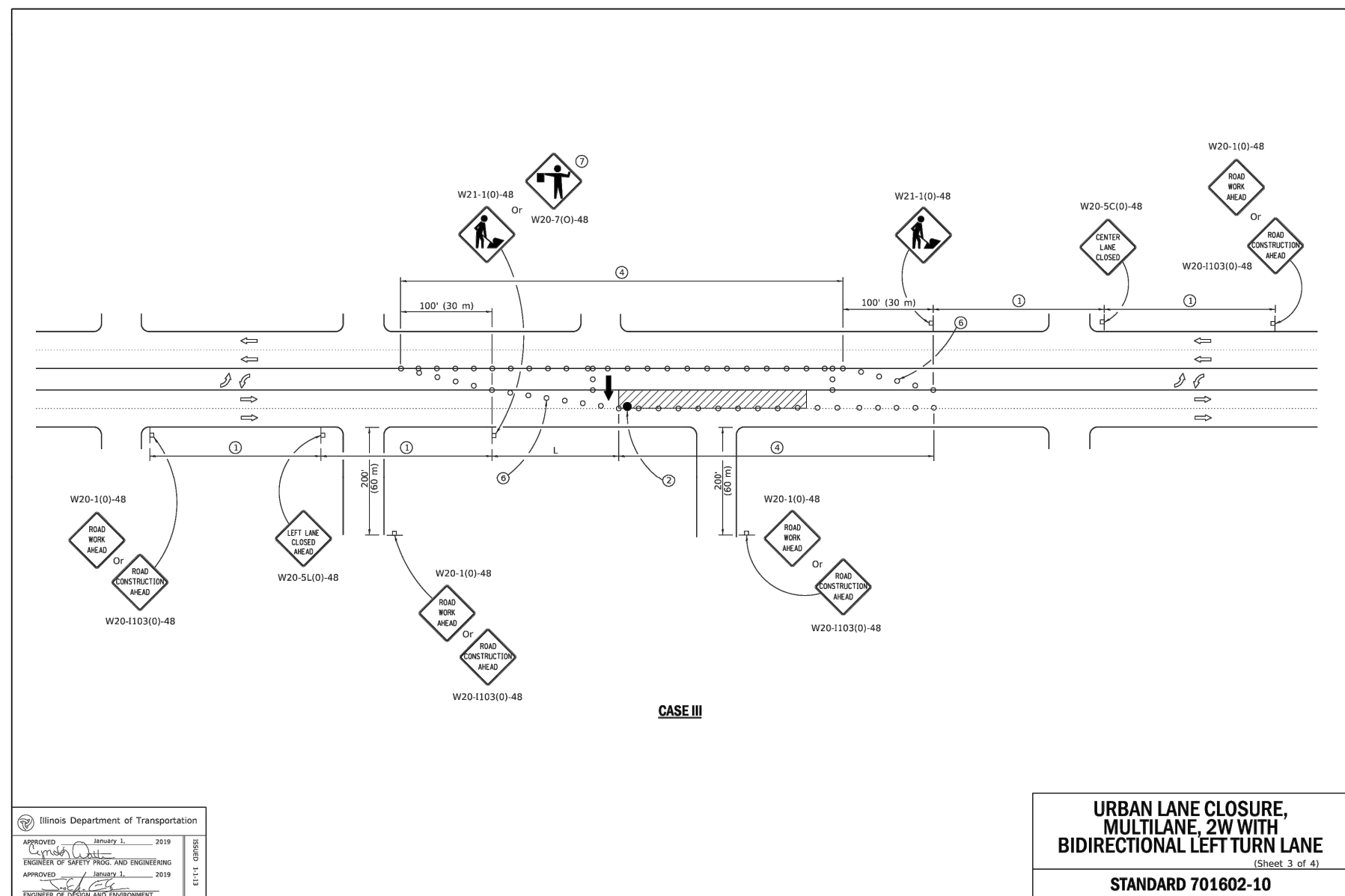
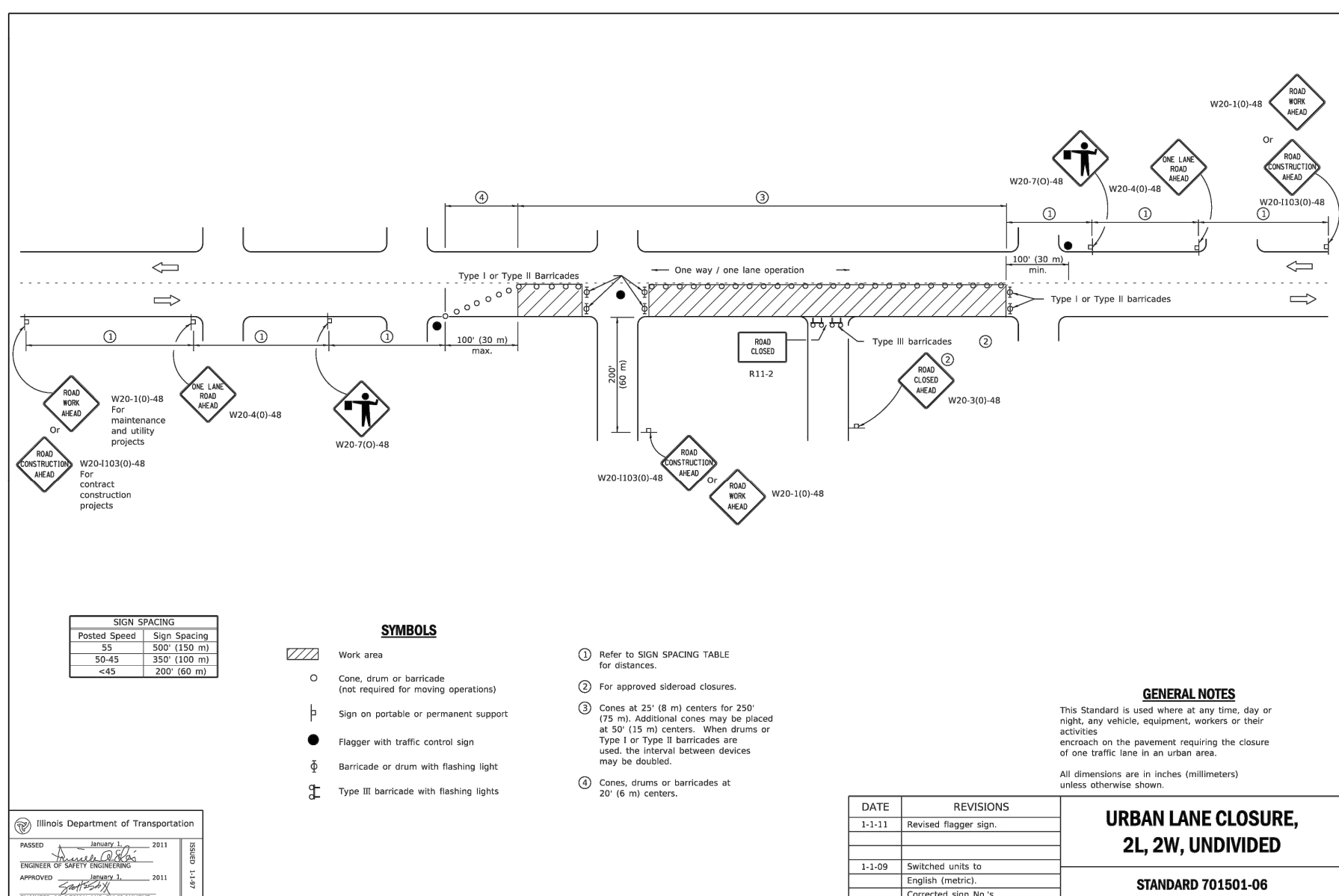
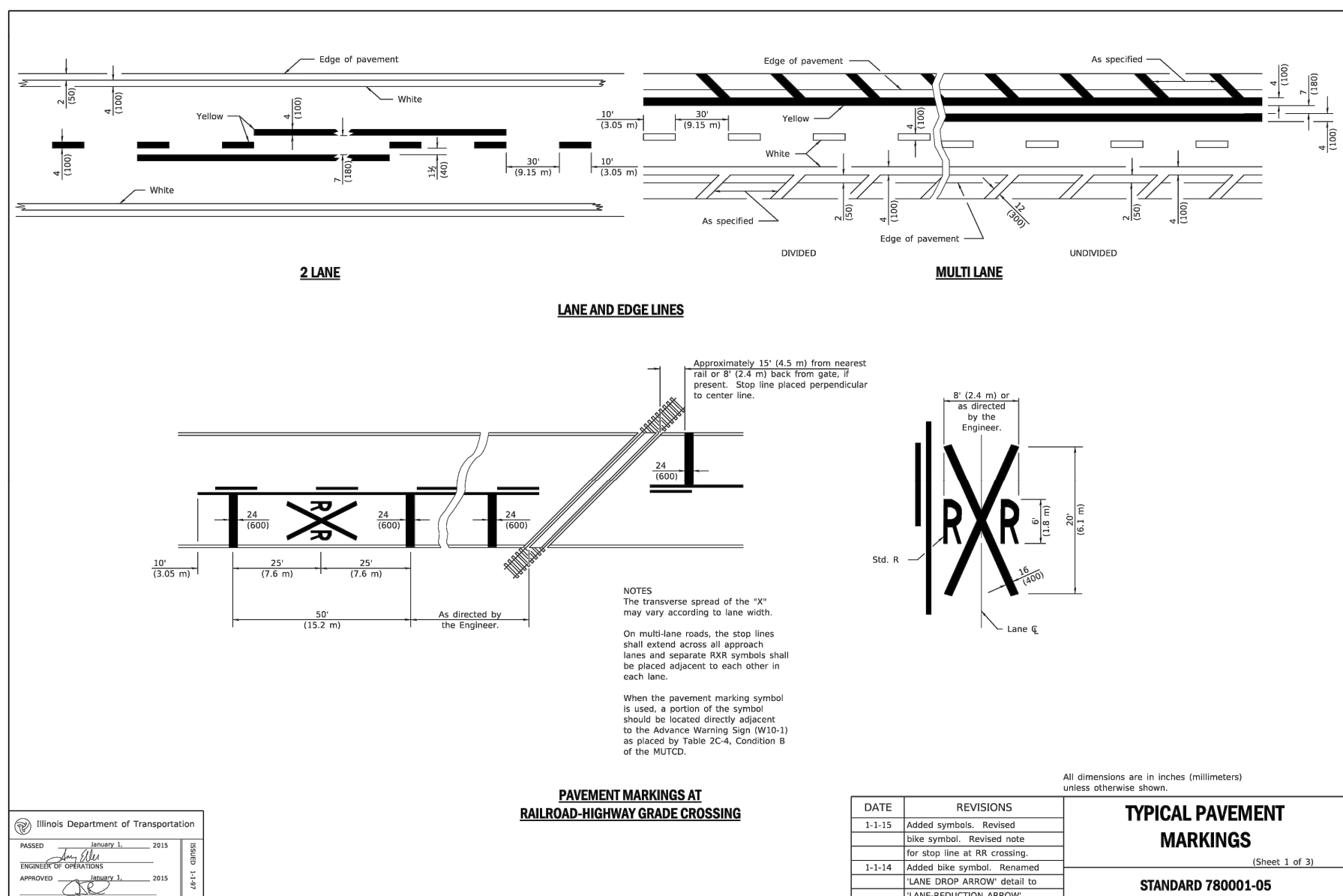
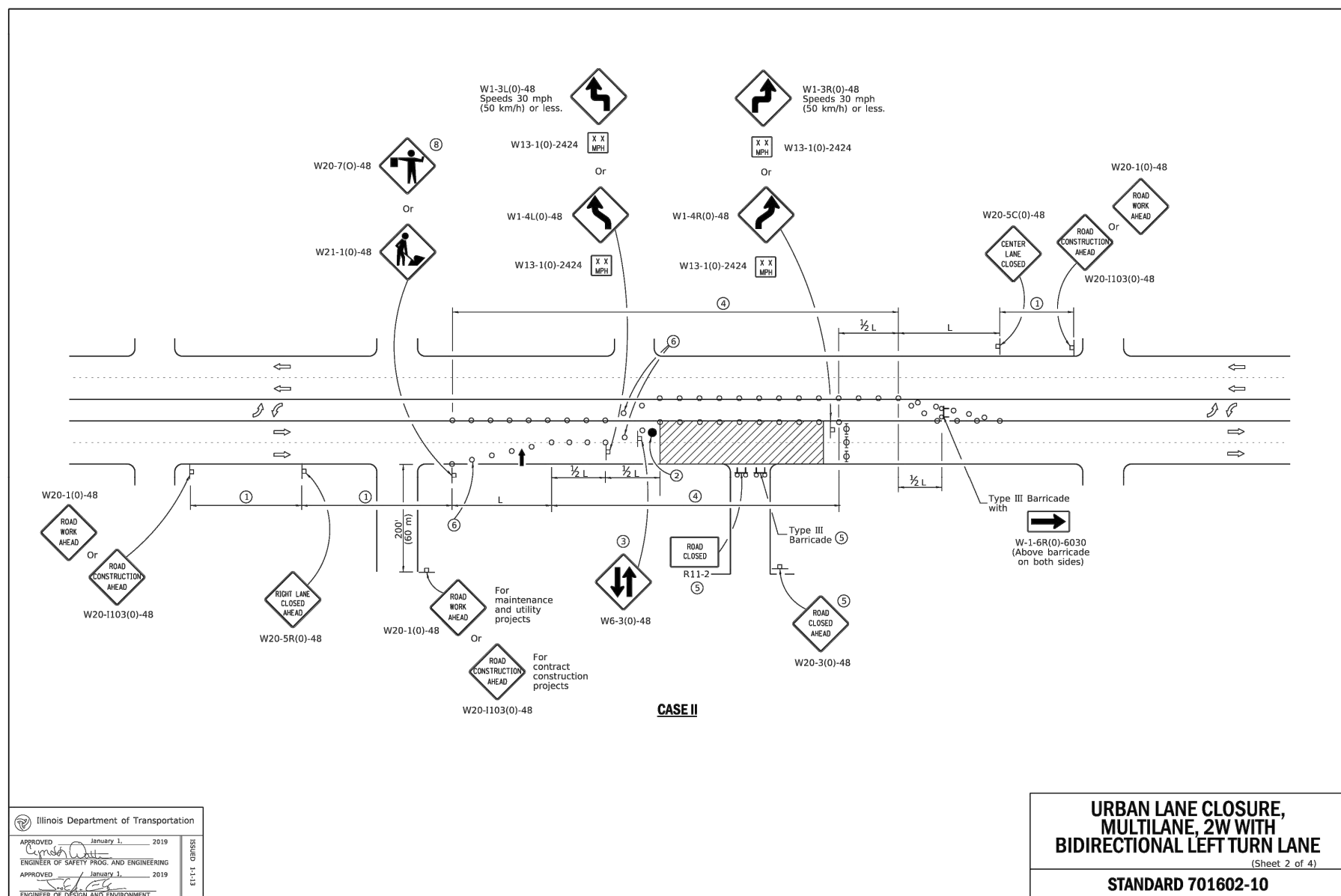
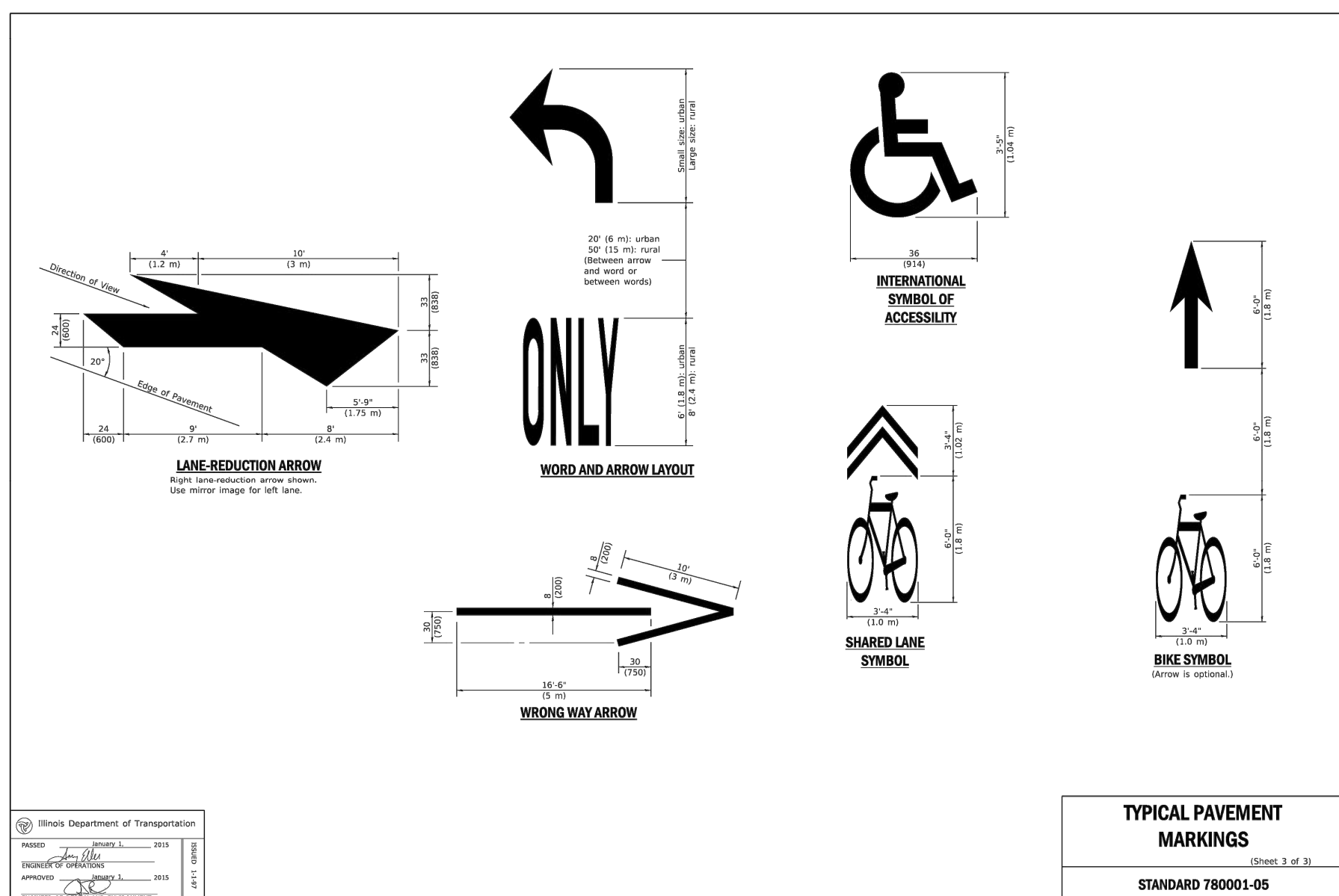
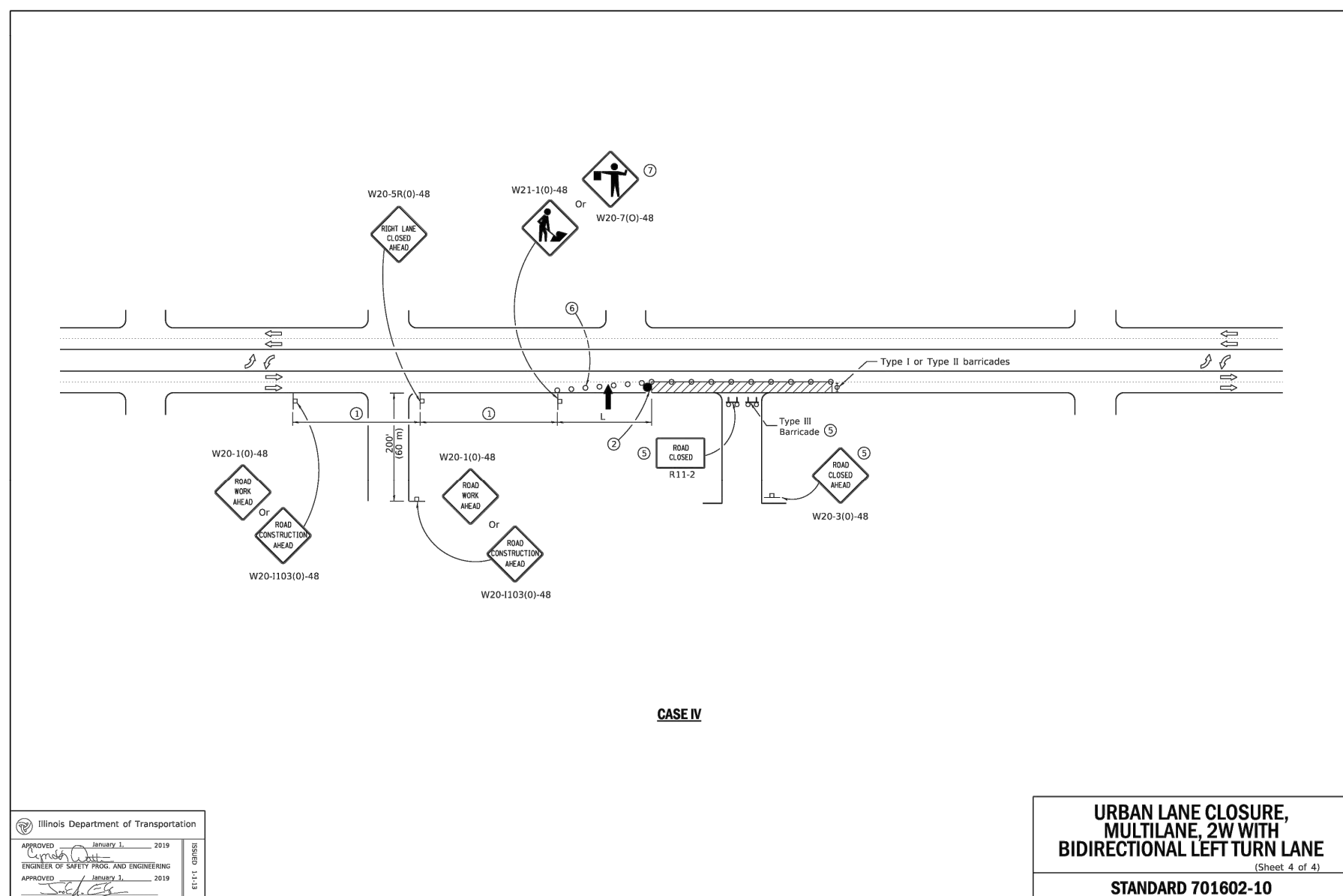
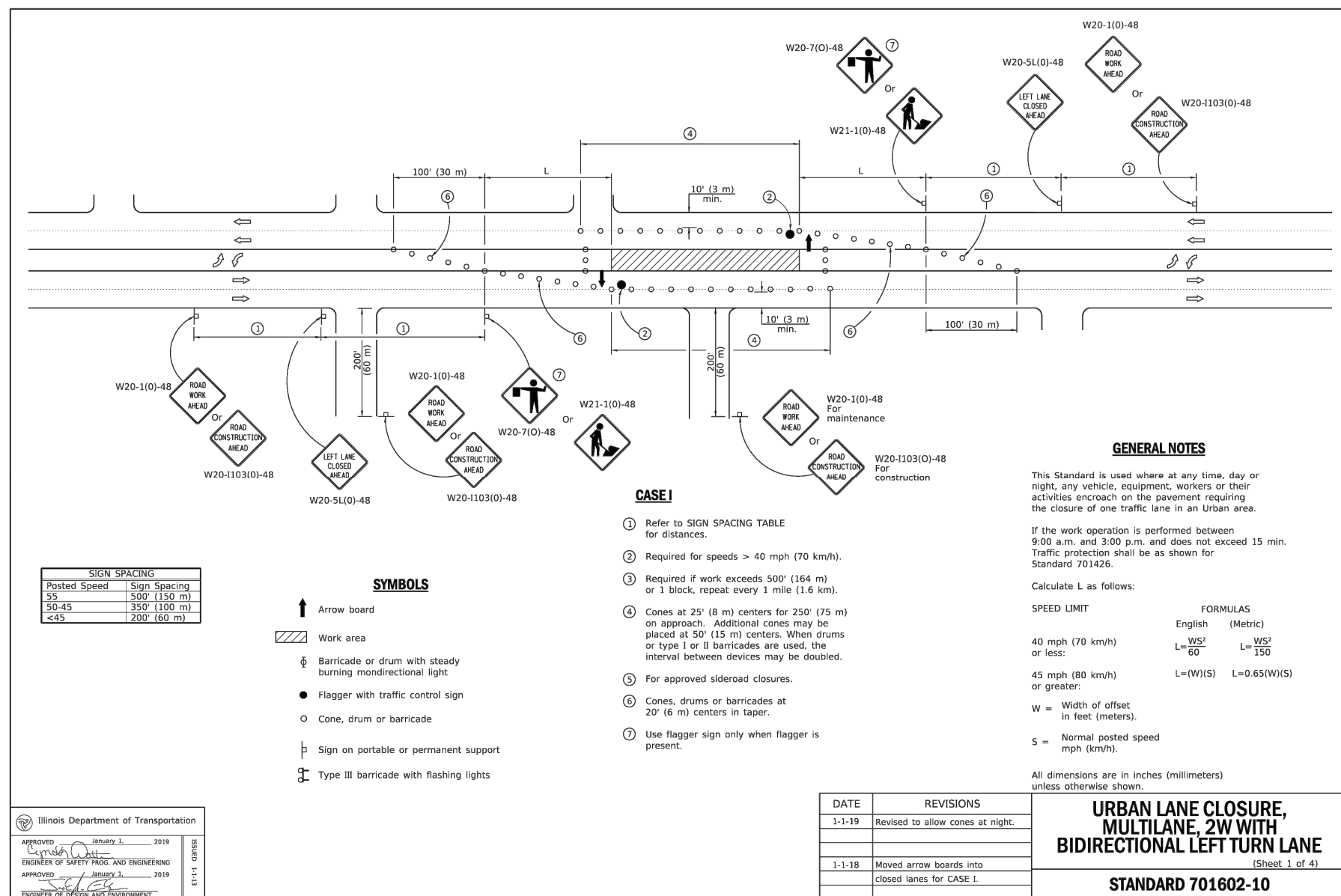
13H CATCH BASIN NO. 13H
STA. 26+99
CATCH BASIN 3' DIA., TY C
W/R - 3067-L FR & GR
F/L = 663.25
INV = 659.40 N, 15" RCP
8 LF OF 15" RCP @ 1.25%

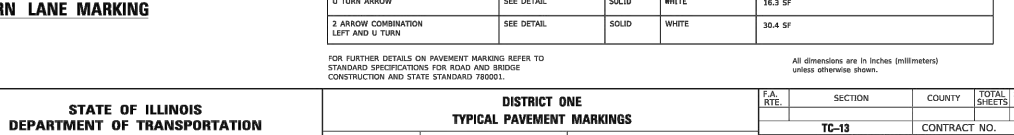
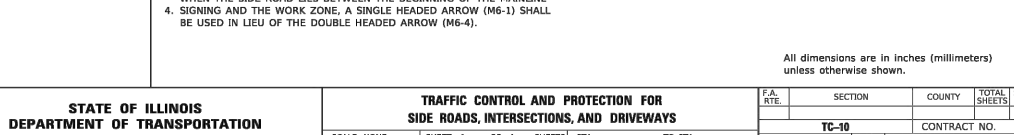
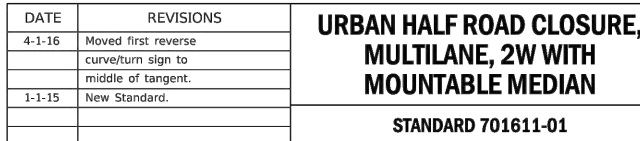
NOTES:

- ALL FITTINGS SHALL BE DUCTILE IRON (DI) MECHANICAL JOINT (MJ) UNLESS OTHERWISE NOTED.
- ALL CONFIRMED LEAD WATER SERVICES SHALL BE REPLACED TO THE WATER METER VIA TRENCHLESS METHODS WITH HOMEOWNER APPROVAL.
- CONTRACTOR TO LOCATE/COORDINATE WITH CITY FOR NEAREST VALVE FOR TEMPORARY SHUT DOWN (PER CITY DIRECTION)
- CONTRACTOR SHALL INSTALL 2" COPPER WHIPS INSIDE VALVE VAULTS AT EACH INTERSECTION (INCIDENTAL).
- ANY POWER POLE BRACING TO BE COORDINATED BY CONTRACTOR (INCIDENTAL).
- CONTRACTOR TO PATCH STORM SEWER TRENCH PRIOR TO SHIFTING TRAFFIC AS NEEDED TO DIG AT WATER MAIN FOR SERVICE REPLACEMENTS.
- TEMPORARY PAVEMENT SHALL BE UTILIZED AT INTERSECTIONS AS DIRECTED BY ENGINEER.
- IF NEEDED FLAGGERS, TO INSTALL STORM SEWER CROSSINGS SHALL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEM
- THE USE OF CLSM AS BACKFILL WILL BE UTILIZED AS REQUIRED BY IDOT.

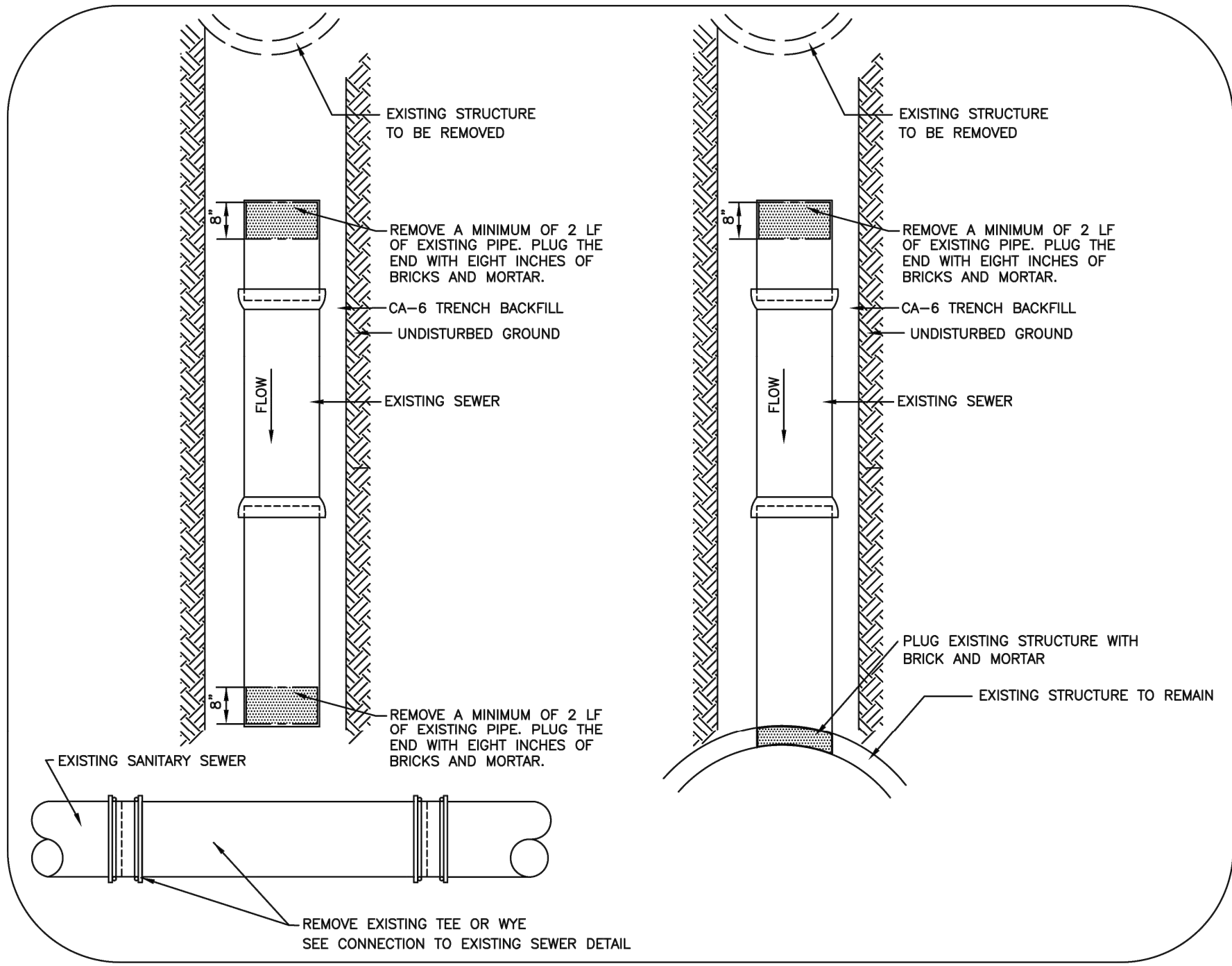


	CITY OF AURORA ENGINEERING DIVISION 77 SOUTH BROADWAY AURORA, ILLINOIS 60505	REVISIONS:				PROJECT	BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE	SHEET NUMBER
			DESIGNED BY: KTM	CHECKED BY: KTM	SCALE: 1" = 20'	SHEET TITLE		13
			DRAWN BY: AHB	APPROVED BY: KTM	DATE: 2025			PLAN & PROFILE - S BROADWAY - STA. 26+50 TO STA. 31+00

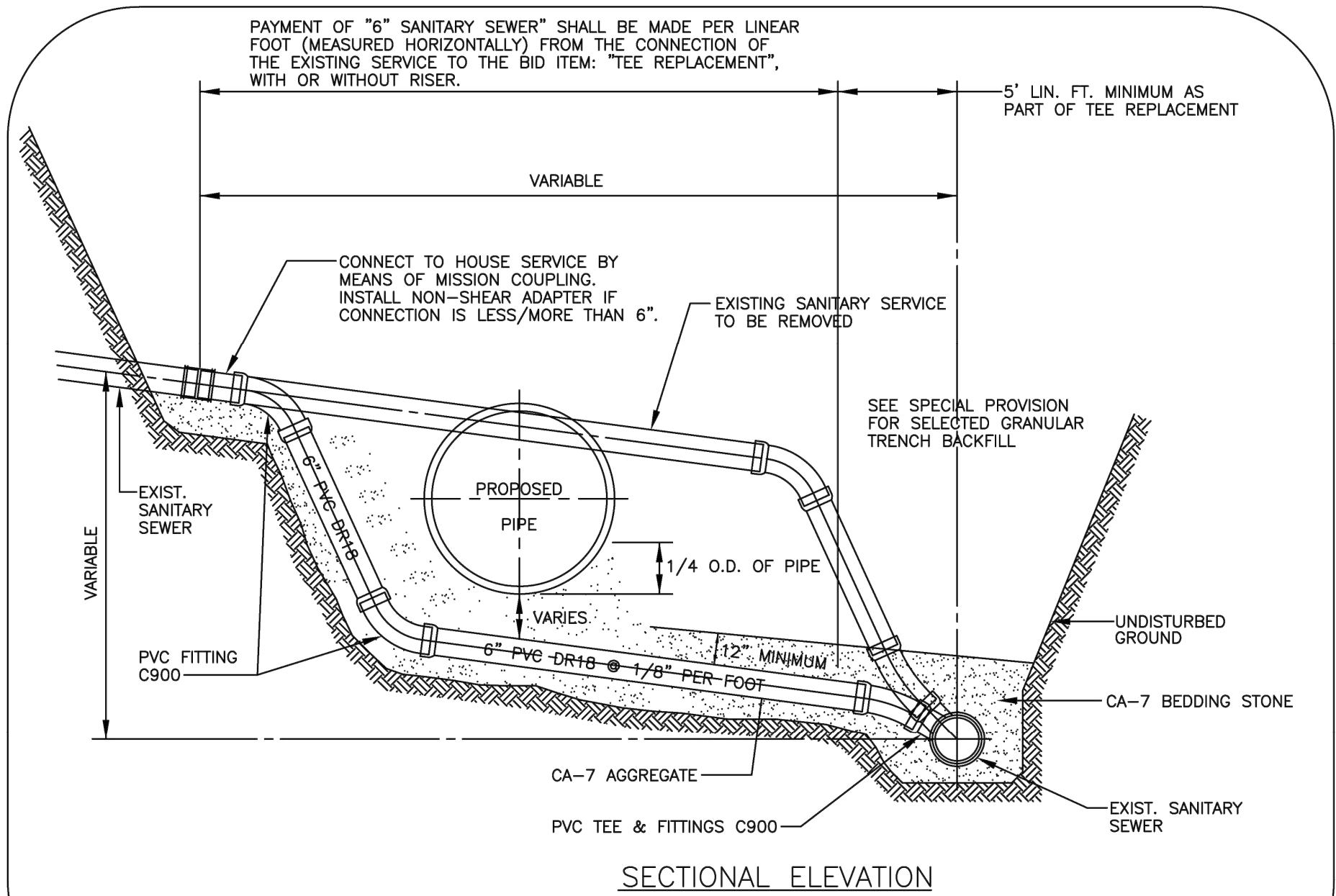




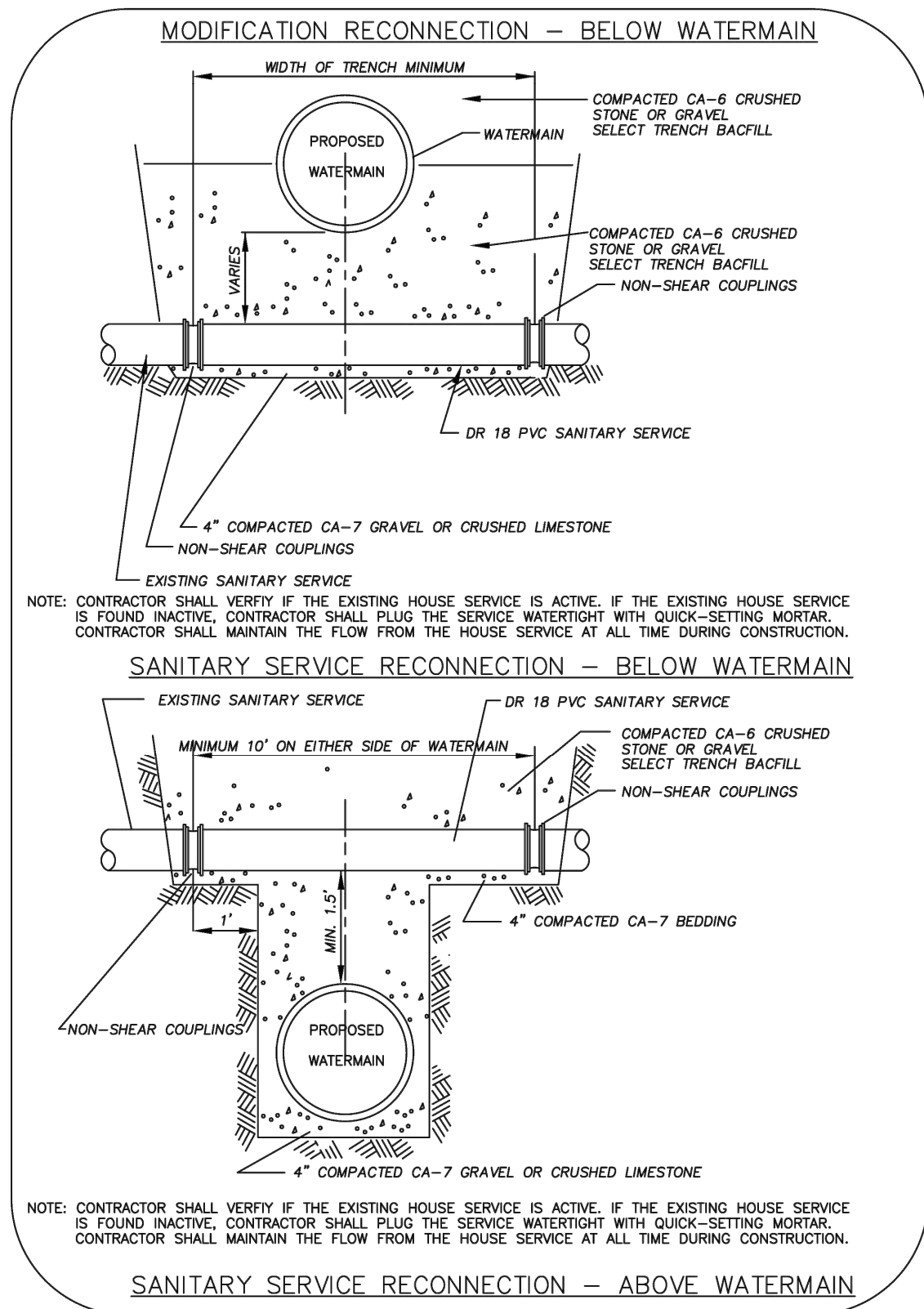
PLOT DATE 7/16/2025 1:00 PM LAST SAVED BY HernandezA FILEPATH P:\ENGINEERING\CAPITAL IMPROVEMENT PROJECTS\2024 PROJECTS\2024 SEWER SEPARATION\BROADWAY SOUTH OF NORTH AVE\FINAL DRAWING\STANDARD DETAILS - BROADWAY SEWER SEPARATION SOUTH OF NORTH AVE.DWG



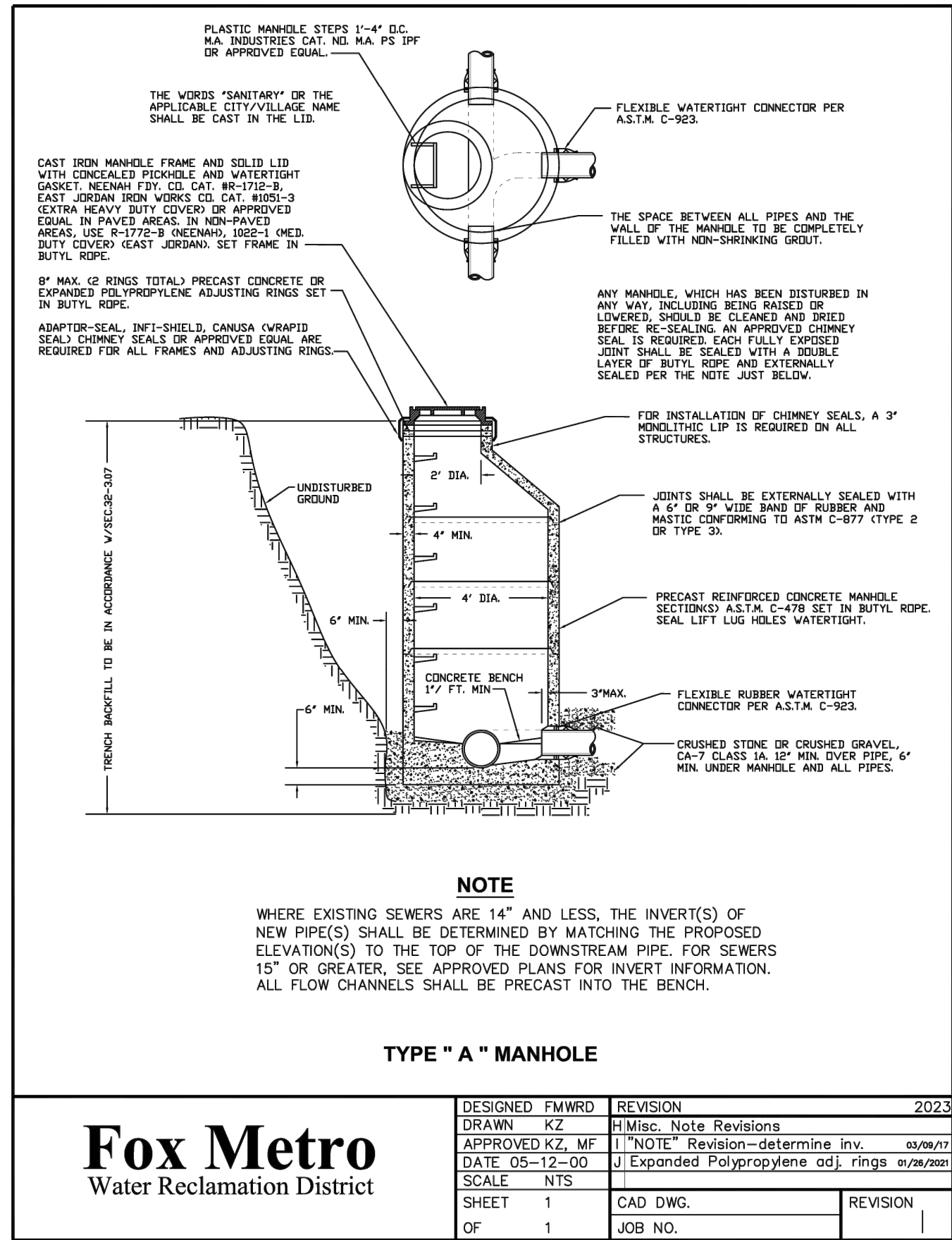
PLUG AND ABANDON EXISTING CONNECTIONS



SANITARY SERVICE RESTORATION



SANITARY SERVICE RECONNECTIONS



INSERTA TEE® INSTALLATION INSTRUCTIONS

U.S. Pat. No. 4,365,829 Canadian Pat. No. 1,171,114

Use Standard Hole Saw for PVC (solidwall, profile and closed profile)and corrugated polyethylene mainlines.
Use Poly Hole Saw for solidwall polyethylene mainlines.
Use Diamond Core Bits for concrete, clay, ductile iron and fiberglass mainlines.

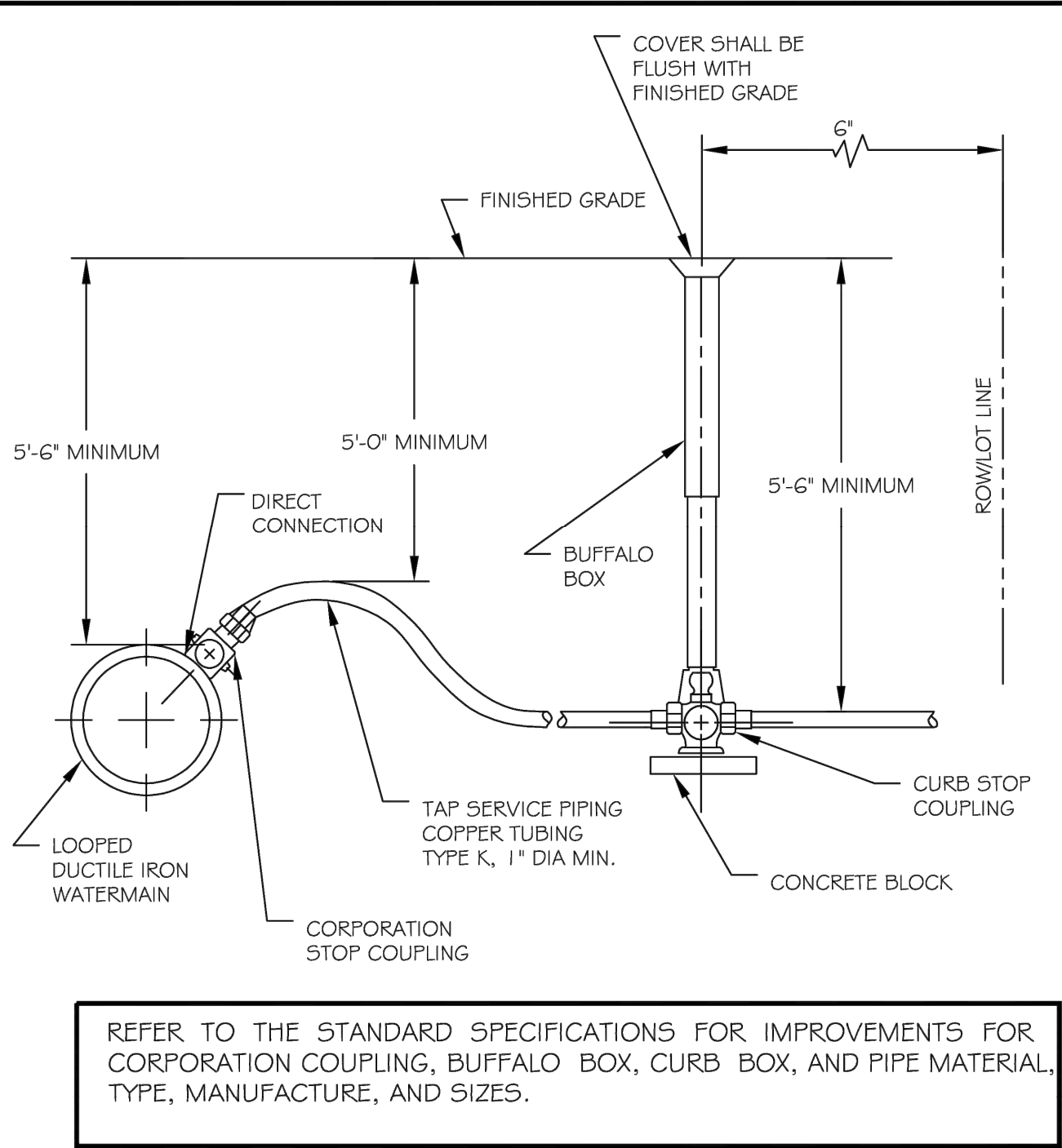
Tools required:

- Hand-held drill with hole saws recommended for 4", 6" & 8" INSERTA TEES. Tie down Coring Machine recommended for 10", 12" and 15" INSERTA TEES and ALL diamond bits.
- Bits
- 8 lb. (3.6 kg) hammer and 2" (50mm) x 4" (100mm) board. 4" (100mm) x 4" (100mm) on 15"
- Bottle of INSERTA TEE solution - 16oz or 8oz supplied with order. (16oz of water to 1 tablespoon of liquid soap)

INSTALLATION PROCEDURE

- See Bit Diameters listed above. Make sure bit is perpendicular to mainline. Core proper size hole. Feel inside hole and clear any remaining material.
- Insert the rubber sleeve into the cored hole with the GOLD VERTICAL LINE ON THE RUBBER SLEEVE facing to the side of the mainline. The upper segment should be on top of the wall or rib and the lower segment should be on the inside of the pipe. Feel inside to be sure lower segment is flat against the inside wall.
- Apply the INSERTA TEE solution supplied to the inside of the rubber sleeve and to the outside of the PVC hub adapter's spigot. **WARNING:** Using pipe lube may result in hub adapter popping out!
- Place the PVC hub adapter into the rubber sleeve. Make sure that the RED VERTICAL LINE ON THE PVC HUB ADAPTER IS IN LINE WITH THE GOLD VERTICAL LINE ON THE RUBBER SLEEVE. Push hub adapter in as far as possible by hand. Make sure hub adapter is perpendicular to mainline. Forcing hub adapter through at any angle may cause damage to rubber sleeve or hub adapter.
- Place the 2 x 4 board onto the top of the PVC, hub adapter.
- The RED HORIZONTAL LINE AT THE TOP OF THE HUB ADAPTER is the depth mark. This tells the installer just how far to drive the adapter into the rubber sleeve. Using the board and hammer, drive the PVC hub adapter into the rubber sleeve where the HORIZONTAL RED LINE ON THE PVC HUB ADAPTER MEETS THE TOP OF THE RUBBER SLEEVE.
- Place the stainless band around the top of the rubber sleeve and tighten down.
- Install side service pipe in normal manner.

*** Do not install below spring line.**
*** CIPP & FFP Installations - remove clay/concrete from area where connection is to occur.**
Next go to "Installation Procedure."

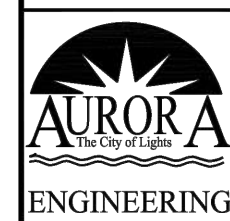


NOTES:

- WHEN WATERMAIN IS LOCATED WITHIN AN EASEMENT RATHER THAN THE PUBLIC RIGHT-OF-WAY, THE BUFFALO-BOXES MUST ALSO BE LOCATED WITHIN THE EASEMENT AND WITHIN 2' OF THE WATERMAIN.

CURB AND GUTTER GENERAL NOTES:

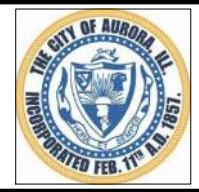
- Contraction joints shall be placed ten (10) feet on centers and shall be saw cut to a minimum depth of two (2) inches from front to back within twenty four (24) hours of concrete placement.
- The concrete material, curing, protection, and placement for all curb, combination curb and gutter or, depressed curb and gutter shall meet the requirements of Articles 606,1020, 1021, 1022, and 1023 of the State of Illinois "Standard Specifications for Road and Bridge Construction", latest edition. Membrane curing and concrete sealing shall be accompanied by W.R. Meadows CS-309 Cure and Seal or approved equal like Okon S-20. If the forecast indicates temperatures below 32° F, protection methods shall be installed in accordance with the Standard Specifications for Road and Bridge Construction and shall be approved by the City Engineer.
- The minimum longitudinal curb slope shall be 0.40%.
- Cuts into the existing curb shall be made full depth with full expansion joints drilled at each per Exhibit II-C-12 herein.



REVISIONS	
DATE: 01/20/11	BY: jls
02/20/13	DG

CURB AND GUTTER GENERAL NOTES

SCALE: 1\"/>



CITY OF AURORA
ENGINEERING DIVISION
77 SOUTH BROADWAY
AURORA, ILLINOIS 60505

REVISIONS:

DESIGNED BY: KM	CHECKED BY: KM	SCALE: N.T.S.
DRAWN BY: MH	APPROVED BY: KM	DATE: 5/2024

PROJECT

BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE

SHEET TITLE

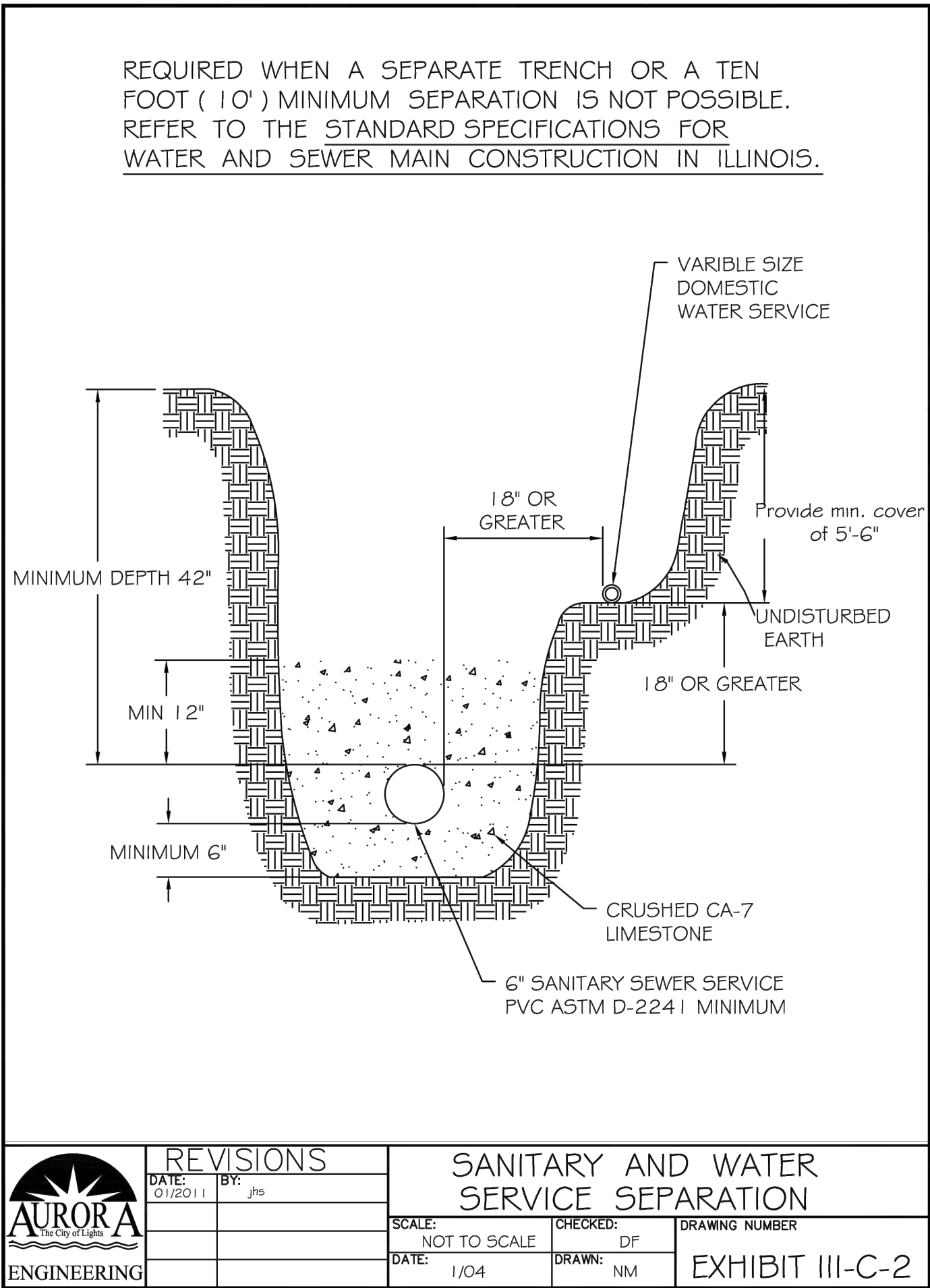
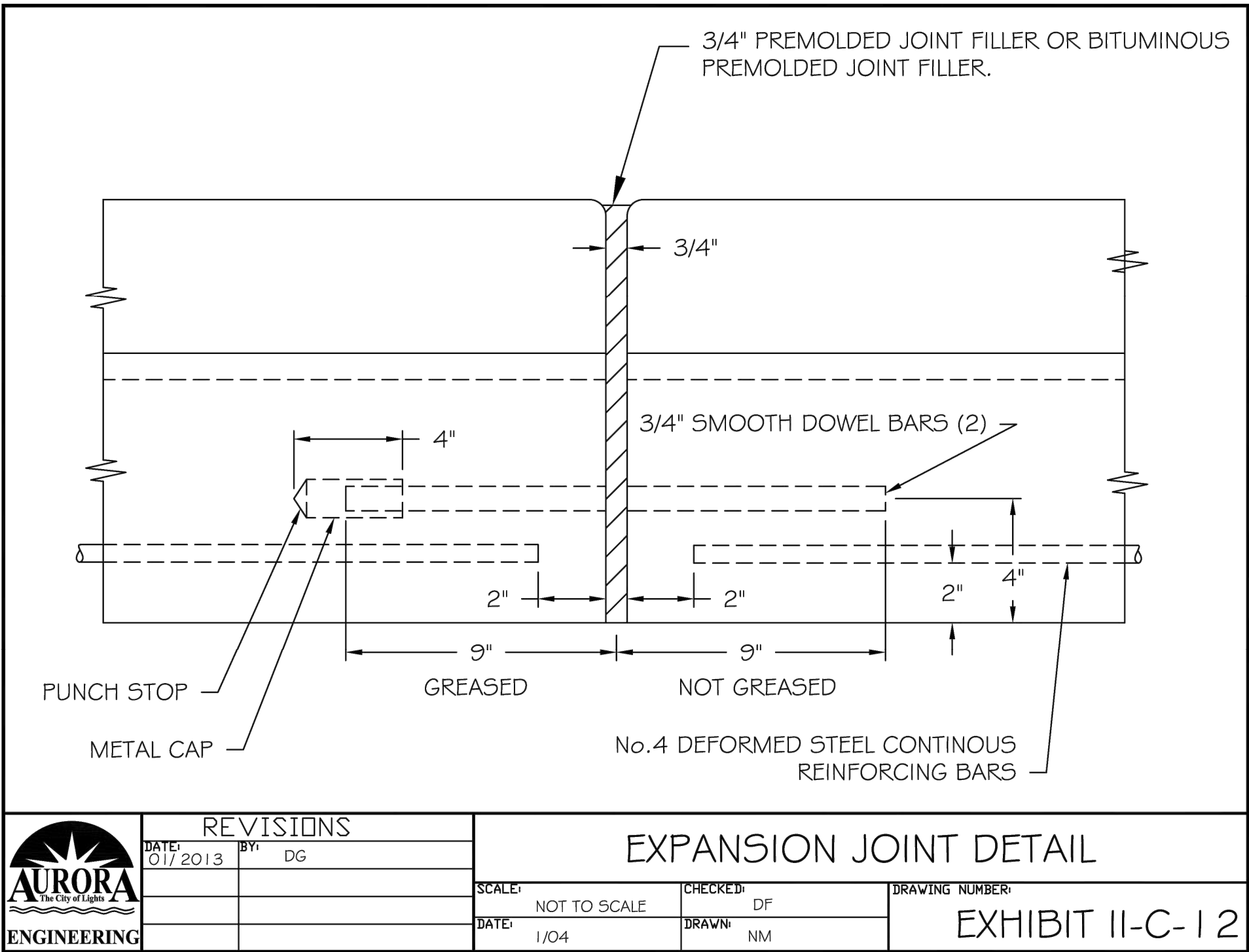
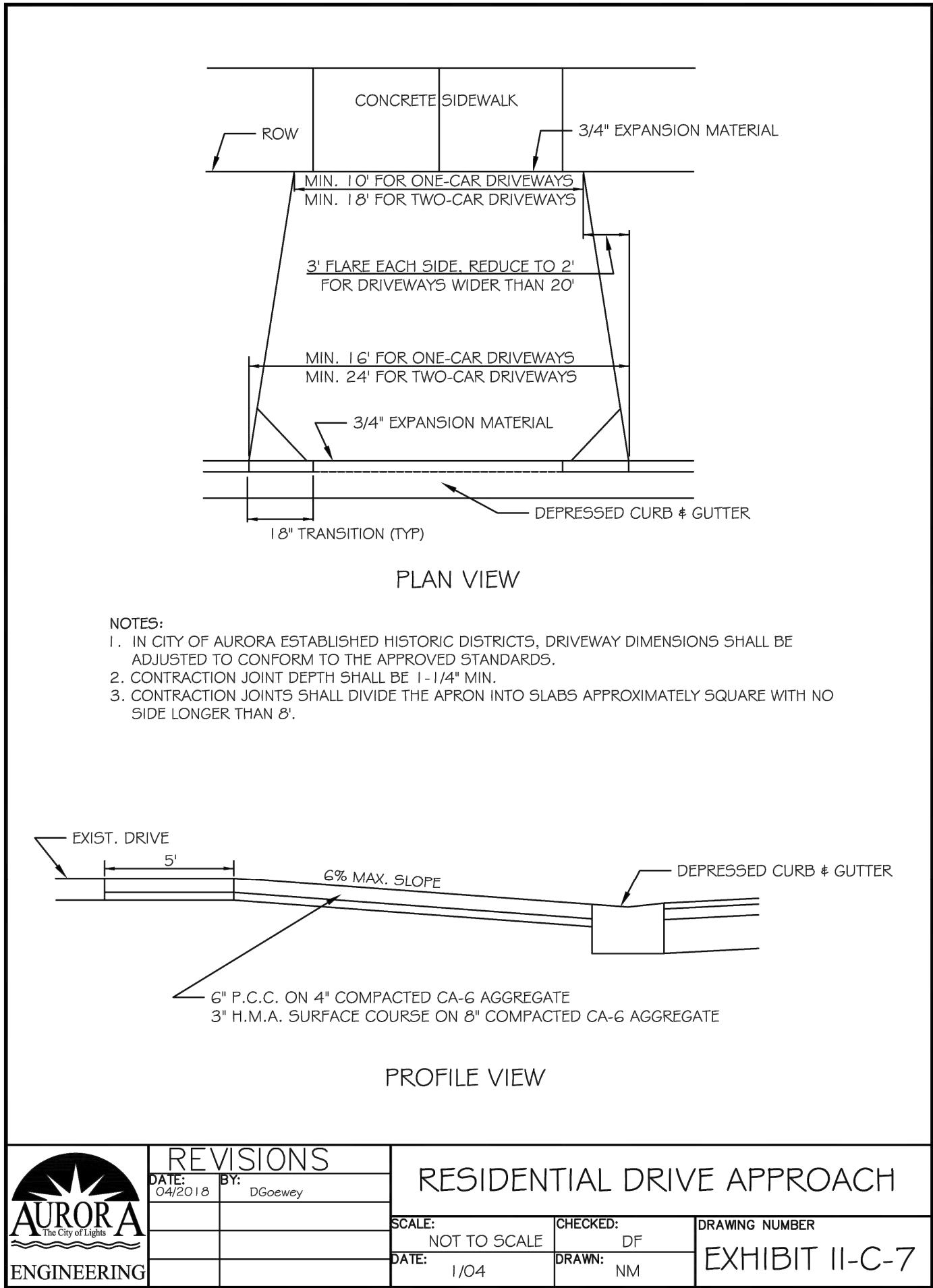
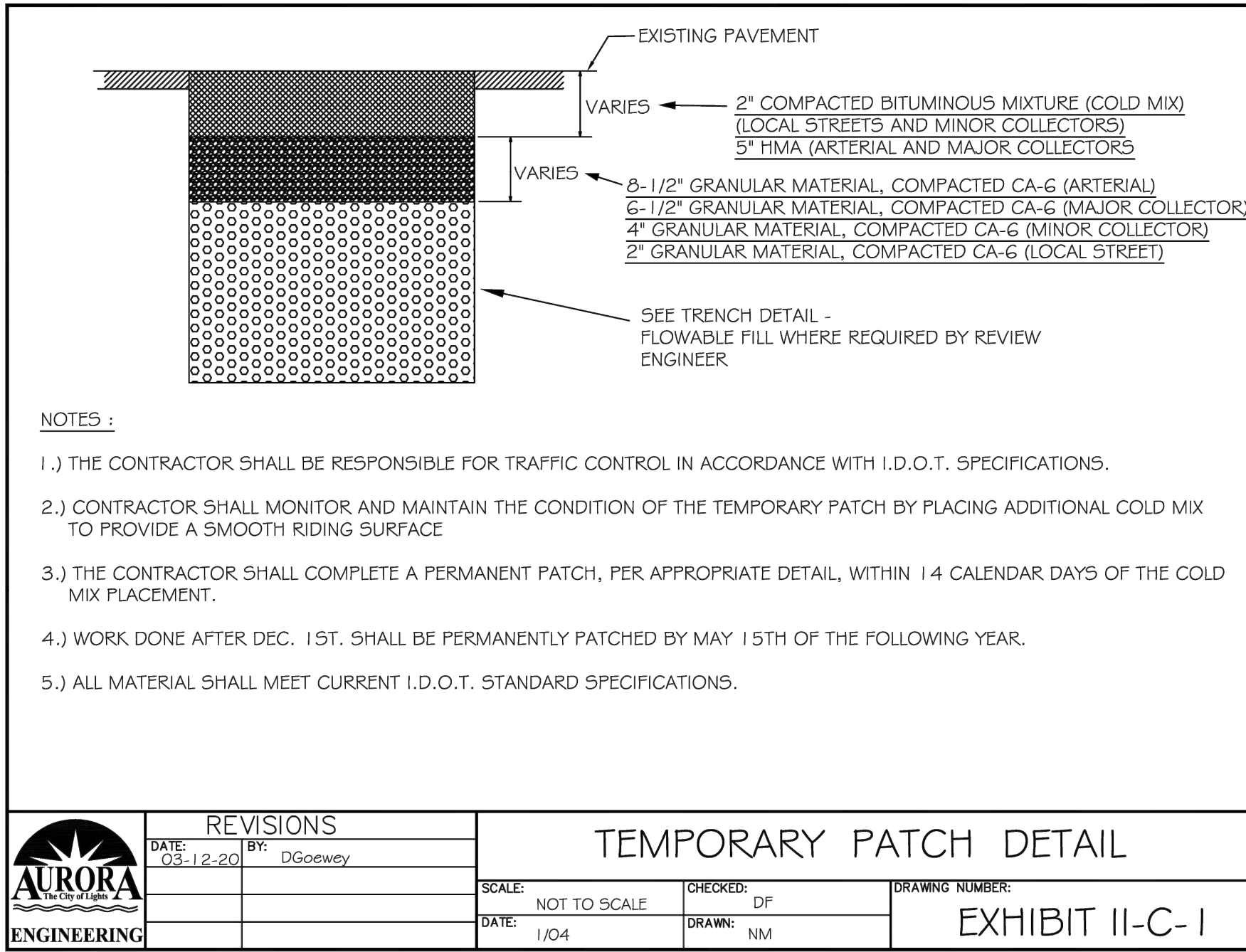
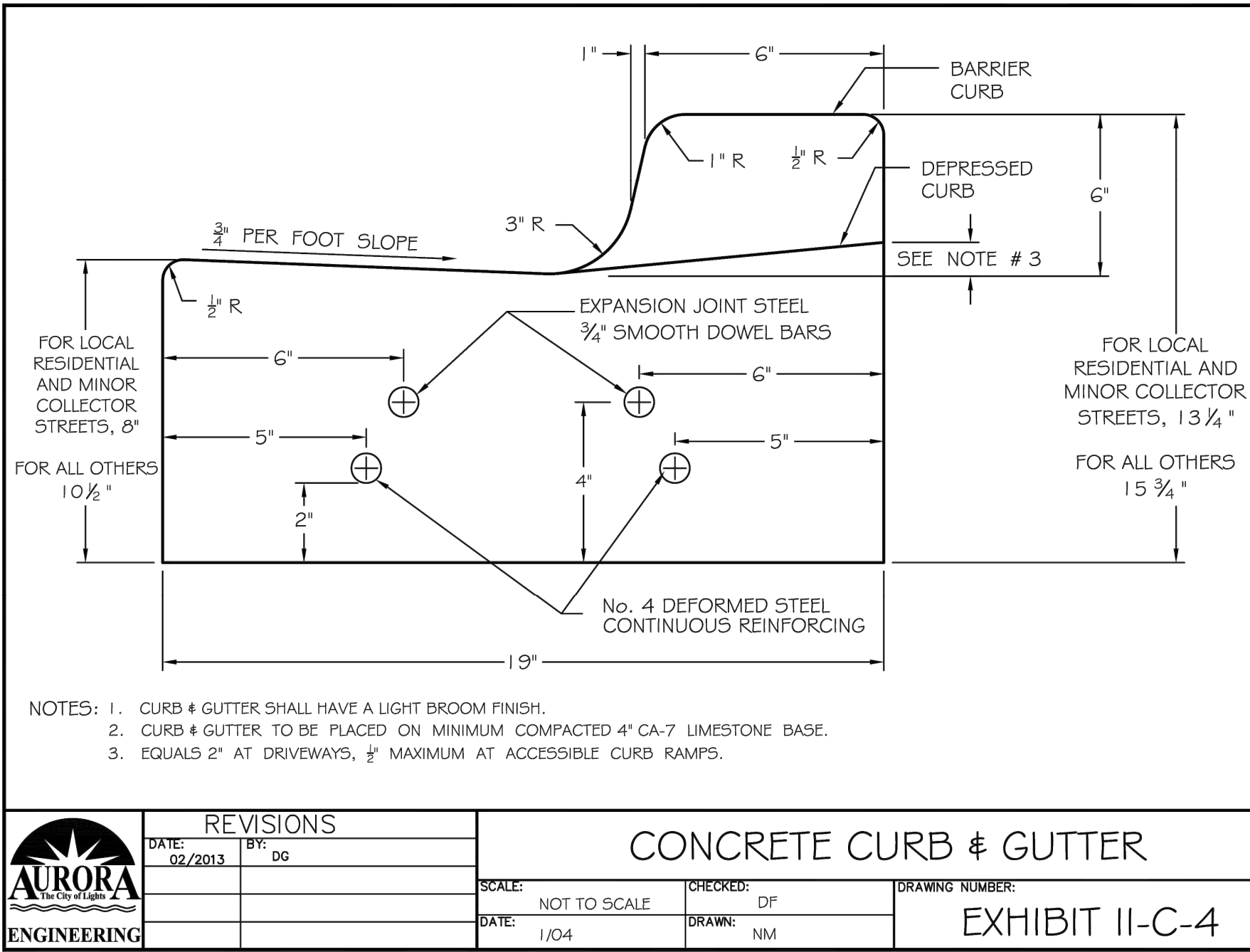
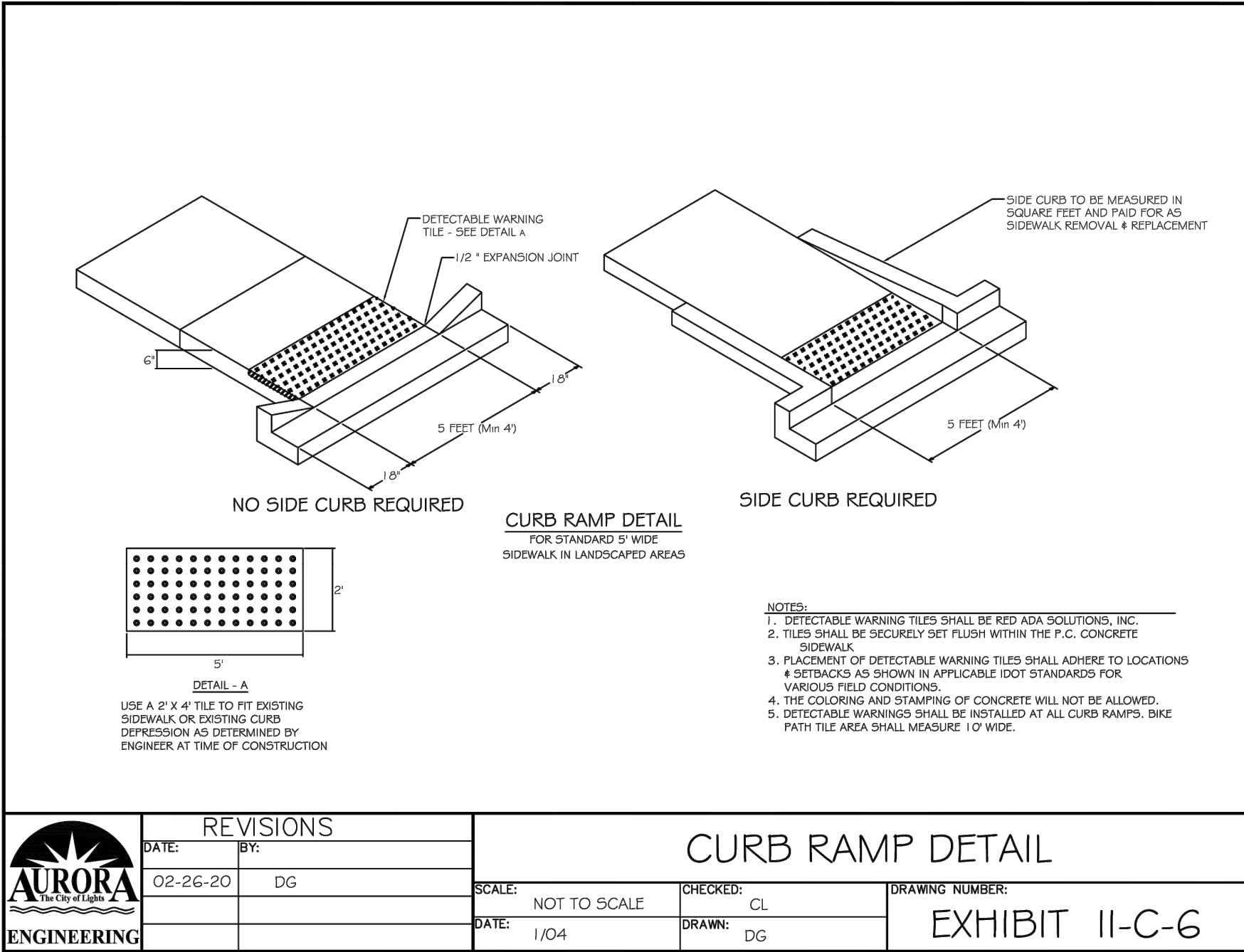
STANDARD DETAILS

SHEET NUMBER

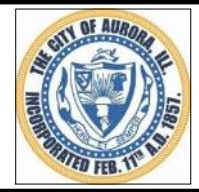
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TOTAL SHEETS

19



PLOT DATE 7/16/2025 1:00 PM LAST SAVED BY Hernandez P:\ENGINEERING\CAPITAL IMPROVEMENT PROJECTS\2024 PROJECTS\2024 SEWER SEPARATION\BROADWAY SOUTH OF NORTH AVE\FINAL DRAWING\STANDARD DETAILS - BROADWAY SEWER SEPARATION SOUTH OF NORTH AVE.DWG



CITY OF AURORA
ENGINEERING DIVISION
77 SOUTH BROADWAY
AURORA, ILLINOIS 60505

REVISIONS:

DESIGNED BY: KM CHECKED BY: KM SCALE: N.T.S.
DRAWN BY: MH APPROVED BY: KM DATE: 5/2024

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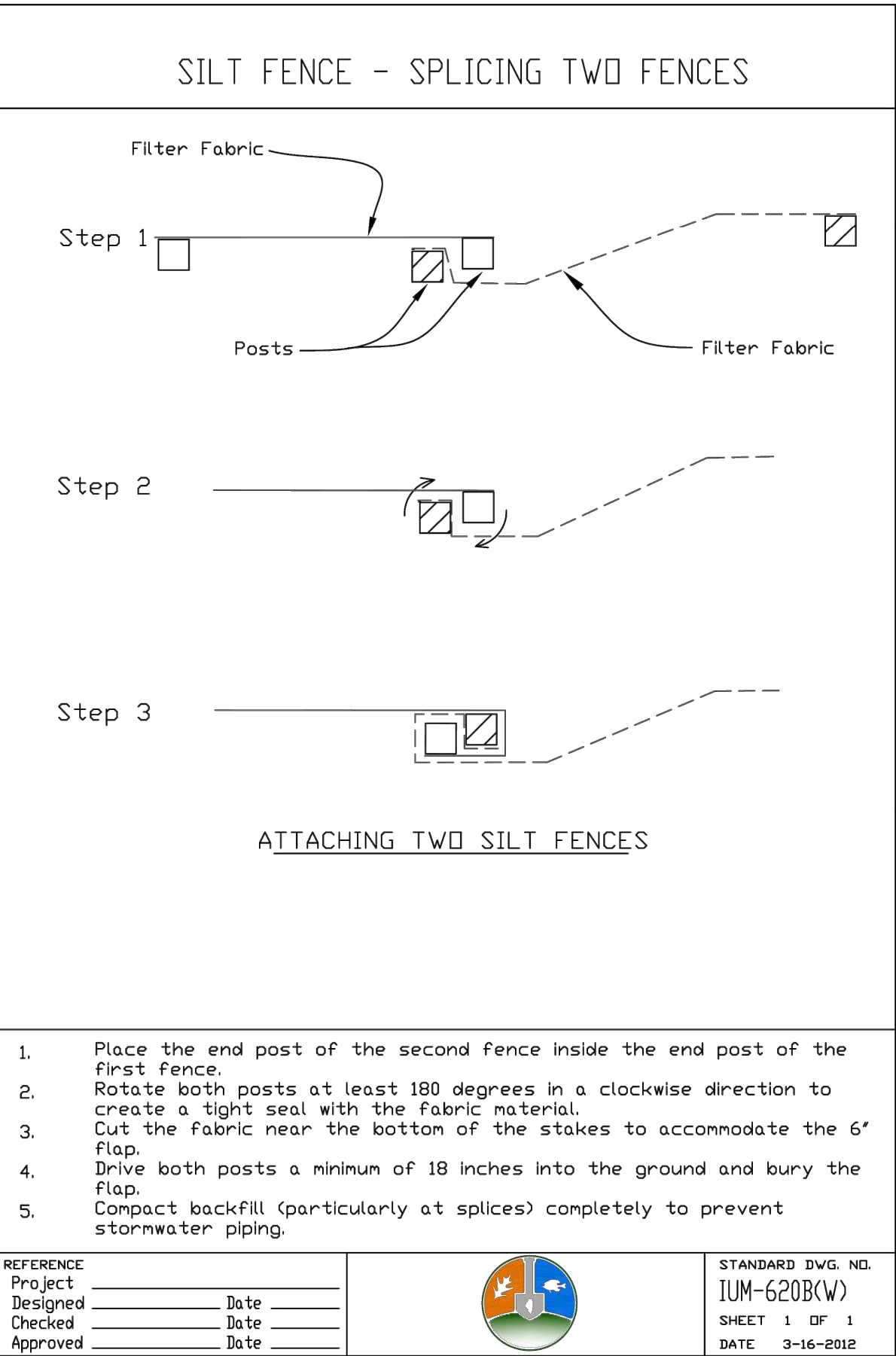
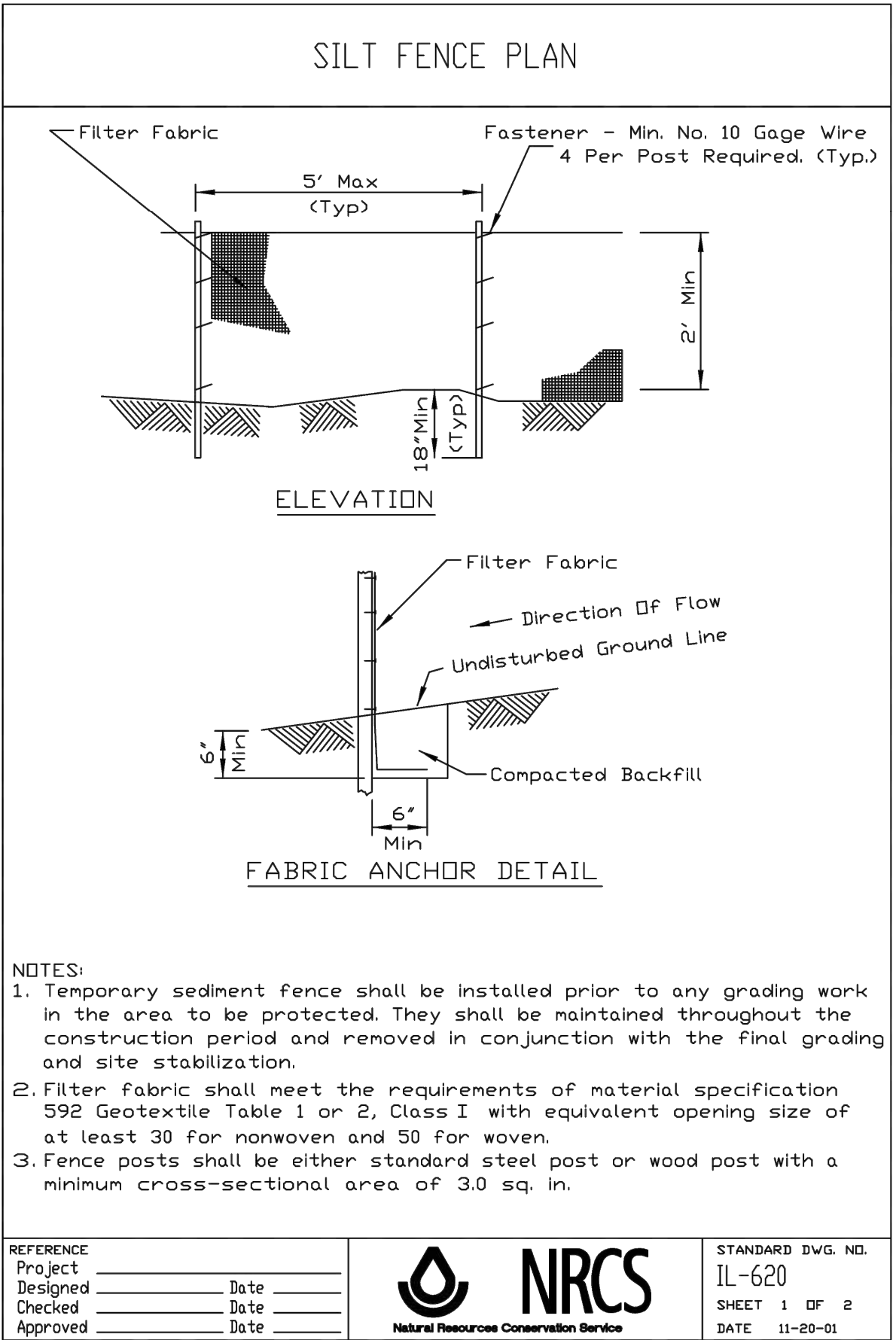
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TOTAL SHEETS

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PLOT DATE 7/16/2025 1:00 PM LAST SAVED BY Hernandez
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**KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT
STANDARD NOTES**

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.

THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT(KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO , ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.

DURING DEWATERING OPERATIONS, WATER WILL SHALL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORM WATER STRUCTURES IS PROHIBITED. IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM AND SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.

ALL DROP INLETS ON OR ADJACENT TO THE SITE MUST HAVE A SEDIMENT TRAPPING OR CONTAINMENT DEVICE INSTALLED DURING CONSTRUCTION ACTIVITIES.

ALL ADJACENT STREETS SHALL BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED WHEN NECESSARY.

ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL EVENT OF 0.5" OR MORE.

IN AREAS WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 DAYS OF COMPLETION, AND IN AREAS WHERE WORK HAS TEMPORARILY CEASED FOR 21 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 14TH DAY AFTER WORK HAS CEASED.

THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING, AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET AND HEAVY MULCHING.

SOIL STABILIZATION TABLE

REQUIRED FOR ALL DISTURBED GRASS AREAS

CITY OF AURORA MIX

261 LBS./AC.

- 24.93% ASAP PERENNIAL RYEGRASS
- 24.46% CADDIESHACK PERENNIAL RYEGRASS
- 24.33% GOALKEEPER PERENNIAL RYEGRASS
- 12.37% GERONIMO KENTUCKY BLUEGRASS
- 12.29% KENTUCKY BLUEGRASS (VARIETY NOT STATED)
- 1.34% INERT MATTER
- 0.28% CROP
- 0.00% WEED

MULCH: MECHANICALLY CRIMPED STRAW
OR HYDRO-MULCH

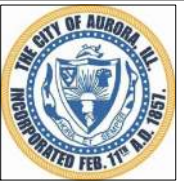
CONTRACTOR'S CERTIFICATION:

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION

SIGNED DATE

PRINT NAME

NAME OF COMPANY



CITY OF AURORA
ENGINEERING DIVISION
77 SOUTH BROADWAY
AURORA, ILLINOIS 60505

REVISIONS:

DESIGNED BY:	KM	CHECKED BY:	KM	SCALE:	N.T.S.
DRAWN BY:	MH	APPROVED BY:	KM	DATE:	5/2024

PROJECT

BROADWAY / ILLINOIS ROUTE 25 SEWER SEPARATION - HAZEL TO NORTH AVE

SHEET TITLE

STANDARD DETAILS

SHEET NUMBER

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