

STANDARD SYMBOLS

EXISTING	PROPOSED	NAME
		CATCH BASIN
		MANHOLE
		INLET
		UTILITY POLE
		LIGHT POLE
		EXISTING TREES WITH DIAMETER EXISTING TREES TO BE REMOVED
(X.XX)	X.XX	ELEVATION
	*	MATCH EXISTING ELEVATIONS
- - - - -	- - - - -	PROPERTY LINE
- - - - -	- - - - -	RIGHT OF WAY LINE
- - - - -	- - - - -	CENTER LINE
= = = = =	= = = = =	CURB OR CURB AND GUTTER
- - - - -	- - - - -	WATER LINE
- - - - -	- - - - -	GAS LINE
- - - - -	- - - - -	ABANDONED GAS
- - - - -	- - - - -	FIBER OPTIC CABLE
- - - - -	- - - - -	COMMONWEALTH EDISON
- - - - -	- - - - -	CITY ELECTRIC
- - - - -	- - - - -	TELEPHONE
- - - - -	- - - - -	COMBINED STORM SEWER
- - - - -	- - - - -	REMOVAL LINEAR ITEMS
- - - - -	- - - - -	STORM SEWER
- - - - -	- - - - -	CABLE TV
- - - - -	- - - - -	AERIAL WIRE
- - - - -	- - - - -	PORTLAND CEMENT CONCRETE SIDEWALK
- - - - -	- - - - -	PORTLAND CEMENT CONCRETE DRIVEWAY
- - - - -	- - - - -	PORTLAND CEMENT CONCRETE GARAGE APRON
- - - - -	- - - - -	PORTLAND CEMENT CONCRETE ENTRANCE
- - - - -	- - - - -	HOT MIX ASPHALT RESTORATION
- - - - -	- - - - -	FULL DEPTH PAVEMENT RESTORATION
- - - - -	- - - - -	RUBBERIZED SPEED HUMP
- - - - -	- - - - -	DEPRESSED CURB AND GUTTER

STANDARD ABBREVIATIONS

ABBREVIATION	DEFINITION
ASH	ASPHALT SPEED HUMP
CB	CATCH BASIN
DIP	DUCTILE IRON PIPE
HP	HIGH POINT
MH	MANHOLE
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT OF WAY
RSH	RUBBERIZED SPEED HUMP
TBM	TEMPORARY BENCHMARK
VCP	VITRIFIED CLAY PIPE

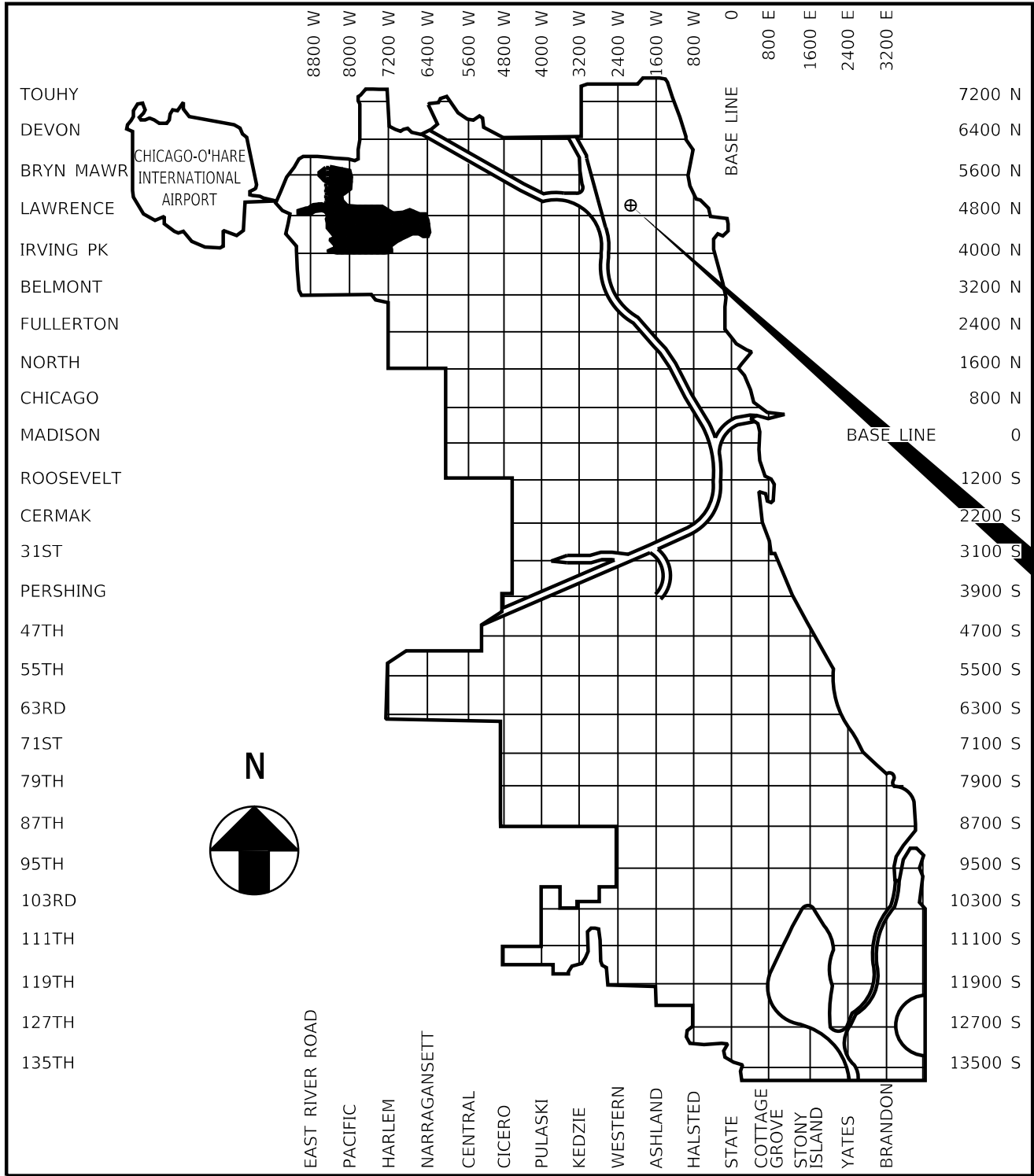
THIS CERTIFIES THAT THESE DRAWINGS HAVE BEEN REVIEWED TO THE BEST OF MY KNOWLEDGE AND I BELIEVE THEY ARE IN ACCORDANCE WITH AMERICANS WITH DISABILITIES ACT (ADA), AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO, STATE OF ILLINOIS.

LICENSED ARCHITECT / LICENSED ENGINEER

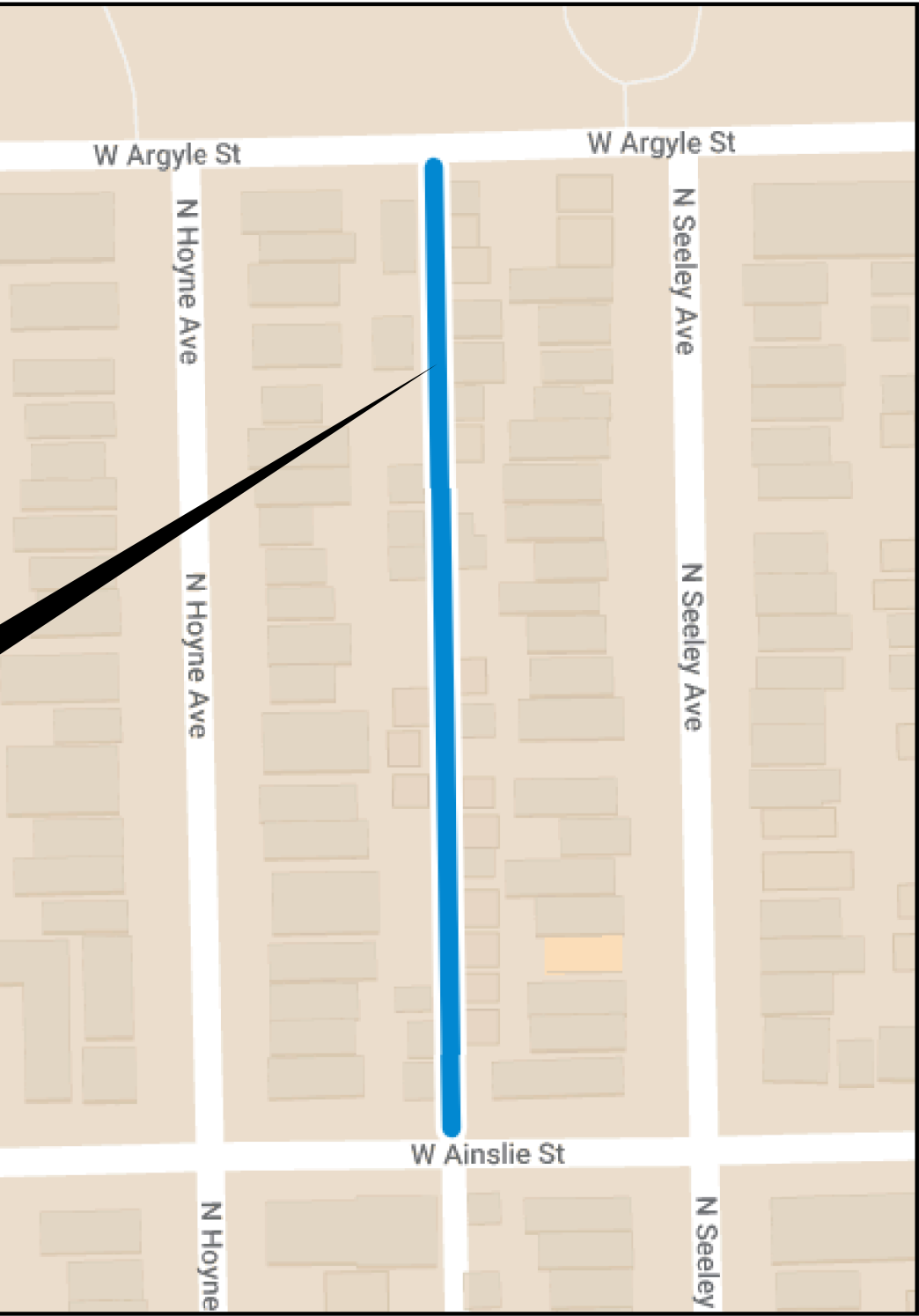
PRIOR TO CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO CALL THE CHICAGO UTILITY ALERT NETWORK (DIGGER/CHICAGO811) AT 312-744-7000 FOR UNDERGROUND UTILITY LOCATIONS.

STATE OF ILLINOIS
CITY OF CHICAGO
BRANDON JOHNSON, MAYOR
PUBLIC BUILDING COMMISSION
RAY GIDEROF, EXECUTIVE DIRECTOR
DEPARTMENT OF TRANSPORTATION
CRAIG TURNER, ACTING COMMISSIONER
CONTRACT PLANS
FOR
PROPOSED IMPROVEMENTS
W. ARGYLE STREET/W. AINSLIE STREET
N. HOYNE AVENUE/N. SEELEY AVENUE

PBC CONTRACT NO.: C1627
CDOT PROJECT NO.: U-5-241
PBC PROJECT NO.: 22925
ISSUED FOR BID: 07/10/2025
CSR NO.: 2306332037
WARD 40



LOCATION MAP



INDEX MAP

LENGTH OF IMPROVEMENT = 599.2 L.F. (0.11 MILES)

INDEX OF SHEETS

SHEET	DESCRIPTION
1	COVER SHEET
2	ALIGNMENT TIES AND BENCHMARKS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	PROPOSED CONDITIONS PLAN VIEW
6-7	PLAN AND PROFILE
8	ALLEY APRON DETAILS
9	TYPICAL SECTIONS
10-17	CDOT STANDARD CONSTRUCTION DETAILS
18-22	CDWM STANDARD CONSTRUCTION DETAILS
23-25	IDOT STANDARD DETAILS



MODEL: Default
FILE NAME: IL_2025_ Projects\Green_Alley\0_PBC_Alley_Revisions\2025\Package_6\CADD Drawings\21-M17 W. Argyle St. & N. Hoyne Ave\CADD Sheets\21-M17-2-htb-align_1.dgn

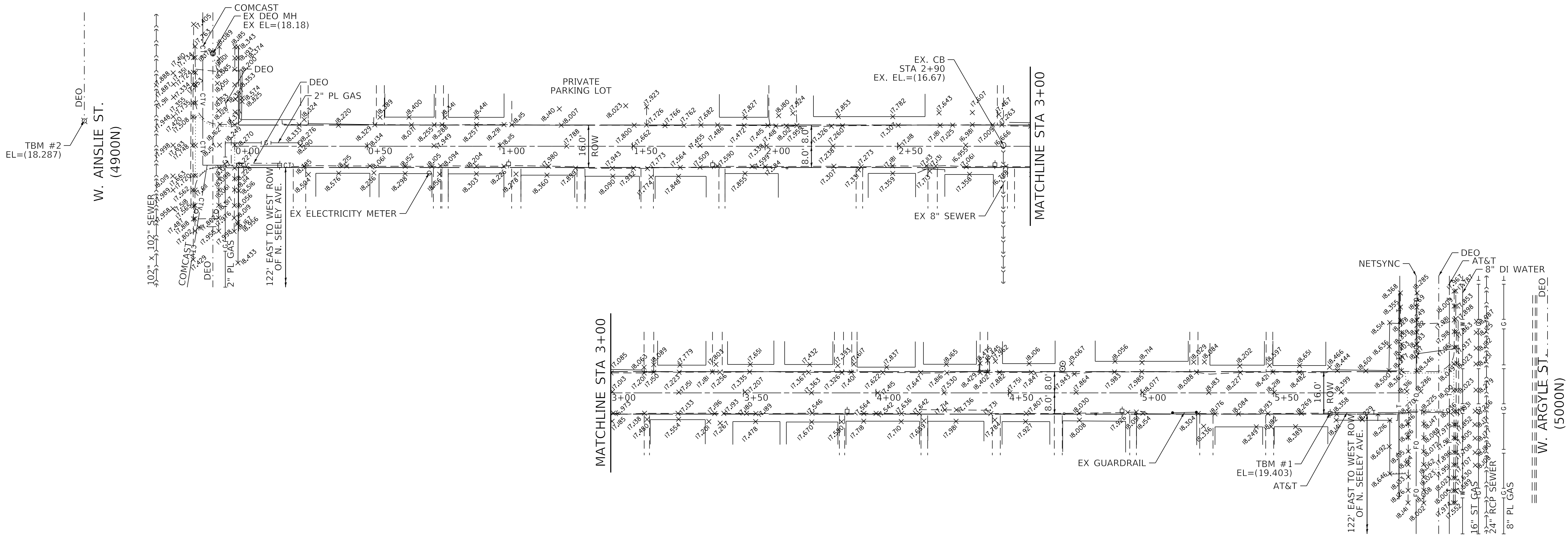
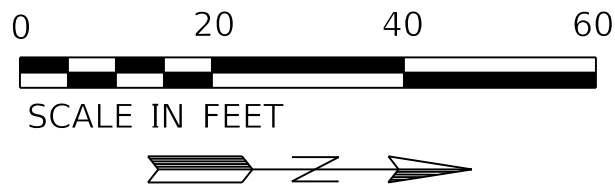


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		DRAWN -	JS	REVISED -	
PLOT SCALE	= 20.0000 " / in.	CHECKED -	SJJ/LM	REVISED -	
PLOT DATE	= 7/1/2025	DATE -	07/01/2025	ISSUED FOR BID -	07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

ALIGNMENT TIES AND BENCHMARKS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSLIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #122194	COOK	25	2
STA. 0+00 TO STA. 5+99	SCALE: AS SHOWN		



NOTES

1. ROW LINES SHOWN ARE APPROXIMATE AND FOR REFERENCE ONLY. CONTRACTOR IS TO VERIFY/CONFIRM ROW PRIOR TO CONSTRUCTION.
2. AS-BUILT DRAWING TO BE SUBMITTED TO DWM.
3. ALL EXCAVATIONS MORE THAN 5' (FEET) DEEP MUST COMPLY WITH OSHA REQUIREMENTS.
4. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COMPLY WITH ALL OSHA REQUIREMENTS.
5. CONTRACTOR IS RESPONSIBLE FOR ALLEY CLOSURE PROCEDURES FOLLOWING GUIDELINES OF IDOT STANDARD DETAIL 701501-06. PROCEDURE TO INCLUDE: NOTIFYING BUILDINGS WITHIN PROJECT LIMITS OF EXACT START DATE IN WHICH ALLEY WILL BE CLOSED AND PLACING APPROPRIATE SIGNING AND BARRICADES IN ADVANCE OF ALLEY CLOSURE.
6. TELEVIEW SEWER AND DRAINAGE STRUCTURES BEFORE CONSTRUCTION AND REPAIR/REPLACE/LINE AS NEEDED.

BENCHMARK

CITY OF CHICAGO BENCHMARK #319, ELEV. = 15.629'
11.1' N. OF S. LINE OF W. LELAND AVE AND
64.6' E. OF E. LINE OF THE FIRST ALLEY W. OF N. WESTERN AVE.

TBM #1 ELEV.=19.403'
SET LARGE NAIL IN WEST FACE OF FIRST POWER POLE FROM
NORTH, ± 30' SOUTH OF S. LINE OF W. ARGYLE ST.

TBM #2 ELEV.=18.287'
TOP OF EAST BOLT OF LIGHT POLE AT SOUTHWEST CORNER OF
W. AINSLIE ST AND SOUTH END OF NORTH-SOUTH ALLEY.

LEGEND

- EXISTING ROW LINE
- EXISTING LOT LINE

SUMMARY OF QUANTITIES

Line	Code Number	Description	Unit	Estimated Quantity	Unit Price	Cost							
1	*****	EARTH EXCAVATION (SOIL TO CCDD FACILITY)	CU YD	313.0	\$0.00	\$0.00	51	*****	EXISTING SEWER TO BE REMOVED	LIN FT	0.0	\$0.00	\$0.00
2	*****	EARTH EXCAVATION (SOIL TO LANDFILL)	CU YD	255.0	\$0.00	\$0.00	52	*****	REMOVING MANHOLES	EACH	0.0	\$0.00	\$0.00
3	*****	PAVEMENT REMOVAL	SQ YD	29.0	\$0.00	\$0.00	53	*****	REMOVING CATCH BASINS	EACH	0.0	\$0.00	\$0.00
4	*****	DRIVEWAY AND ALLEY RETURN PAVEMENT REMOVAL	SQ YD	194.0	\$0.00	\$0.00	54	*****	REMOVING INLETS	EACH	0.0	\$0.00	\$0.00
5	44000300	CURB REMOVAL	LIN FT	92.0	\$0.00	\$0.00	55	*****	SEWER CLEANING AND TELEVISIONING (24 IN DIAMETER OR LESS)	LIN FT	0.0	\$0.00	\$0.00
6	44000500	COMBINATION CURB AND GUTTER REMOVAL	LIN FT	131.0	\$0.00	\$0.00	56	60100085	GEOTECHNICAL FABRIC	SQ YD	519.0	\$0.00	\$0.00
7	44000600	SIDEWALK REMOVAL	SQ FT	107.0	\$0.00	\$0.00	57	*****	PULVERIZED TOPSOIL MIX	CU YD	6.7	\$0.00	\$0.00
8	*****	ALLEY PAVEMENT REMOVAL	SQ YD	1066.0	\$0.00	\$0.00	58	*****	HYDRAULIC SEEDING, CLASS 1A	SQ YD	12.0	\$0.00	\$0.00
9	*****	GARAGE APRON REMOVAL	SQ FT	2134.0	\$0.00	\$0.00	59	78000200	THERMOPLASTIC PAVEMENT MARKING, LINE 4 IN	LIN FT	0.0	\$0.00	\$0.00
10	*****	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	84.0	\$0.00	\$0.00	60	*****	CONSTRUCTION SIGNS	SQ FT	64.0	\$0.00	\$0.00
11	31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	205.0	\$0.00	\$0.00	61	*****	PREMOLDED RUBBER SPEED HUMPS	EACH	0.0	\$0.00	\$0.00
12	*****	CONCRETE ALLEY FILL, CA-1	CU YD	75.0	\$0.00	\$0.00	62	*****	REMOVE AND SALVAGE SIGN PANEL AND POLE ASSEMBLY	EACH	0.0	\$0.00	\$0.00
13	20800150	TRENCH BACKFILL	CU YD	131.0	\$0.00	\$0.00	63	*****	CURB PAINTING	LIN FT	0.0	\$0.00	\$0.00
14	*****	PERVIOUS AGGREGATE SUBBASE	CU YD	58.0	\$0.00	\$0.00	64	CDOT SP 905-1	MEMBRANE WATERPROOFING SYSTEM	SQ FT	0.0	\$0.00	\$0.00
15	*****	BEDDING AND VOID OPENING AGGREGATES FOR PERMEABLE PAVERS	CU YD	9.0	\$0.00	\$0.00							
16	*****	CRUSHED STONE (TEMPORARY USE)	TON	80.0	\$0.00	\$0.00							
17	35300300	PORTLAND CEMENT CONCRETE BASE COURSE, 8 IN	SQ YD	29.0	\$0.00	\$0.00							
18	35300500	PORTLAND CEMENT CONCRETE BASE COURSE, 10 IN	SQ YD	0.0	\$0.00	\$0.00							
19	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE ALLEY PAVEMENT, 8 IN	SQ YD	1105.0	\$0.00	\$0.00							
20	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE DRIVEWAY AND ALLEY RETURN PAVEMENT, 8 IN	SQ YD	94.0	\$0.00	\$0.00							
21	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE GARAGE APRON, 8 IN	SQ FT	2134.0	\$0.00	\$0.00							
22	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE SIDEWALK, 8 IN	SQ FT	426.0	\$0.00	\$0.00							
23	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE, 8 IN	SQ YD	5.0	\$0.00	\$0.00							
24	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE, 10 IN	SQ YD	0.0	\$0.00	\$0.00							
25	*****	PORTLAND CEMENT CONCRETE SIDEWALK, 5 IN	SQ FT	107.0	\$0.00	\$0.00							
26	*****	PORTLAND CEMENT CONCRETE ADA CURB RAMP, 5 IN	SQ FT	0.0	\$0.00	\$0.00							
27	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE ADA CURB RAMP, 8 IN	SQ FT	118.0	\$0.00	\$0.00							
28	*****	DRILL AND GROUT DOWEL AND TIE BARS	EACH	181.0	\$0.00	\$0.00							
29	*****	PERMEABLE CONCRETE BLOCK PAVERS	SQ FT	2678.0	\$0.00	\$0.00							
30	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	53.0	\$0.00	\$0.00							
31	*****	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5LH, MIX "C", N30 (CDOT)	TON	10.0	\$0.00	\$0.00							
32	*****	HOT-MIX ASPHALT SURFACE COURSE, PATCH, N30 (6 FT OR LESS)	TON	5.0	\$0.00	\$0.00							
33	*****	HOT-MIX ASPHALT SURFACE COURSE, PATCH, N70 (6 FT OR LESS)	TON	0.0	\$0.00	\$0.00							
34	60600605	CONCRETE CURB, TYPE B	LIN FT	92.0	\$0.00	\$0.00							
35	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE COMBINATION CURB AND GUTTER, TYPE B-V.12	LIN FT	119.0	\$0.00	\$0.00							
36	*****	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12	LIN FT	13.0	\$0.00	\$0.00							
37	*****	MANHOLE, 3 FT DIAMETER, TYPE B, FRAME AND CLOSED LID (CITY OF CHICAGO)	EACH	0.0	\$0.00	\$0.00							
38	*****	MANHOLE, 3 FT DIAMETER, TYPE A, FRAME AND CLOSED LID (CITY OF CHICAGO)	EACH	0.0	\$0.00	\$0.00							
39	*****	CATCH BASIN, TYPE A, 4 FT DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	2.0	\$0.00	\$0.00							
40	*****	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	0.0	\$0.00	\$0.00							
41	*****	DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED	EACH	1.0	\$0.00	\$0.00							
42	*****	VORTEX RESTRICTOR	EACH	1.0	\$0.00	\$0.00							
43	*****	STORM SEWERS, EXTRA STRENGTH VITRIFIED CLAY PIPE, 8 IN	LIN FT	0.0	\$0.00	\$0.00							
44	*****	STORM SEWERS, DUCTILE IRON PIPE, 8 IN	LIN FT	74.0	\$0.00	\$0.00							
45	*****	STORM SEWERS, EXTRA STRENGTH VITRIFIED CLAY PIPE, 10 IN	LIN FT	0.0	\$0.00	\$0.00							
46	*****	STORM SEWERS, EXTRA STRENGTH VITRIFIED CLAY PIPE, 12 IN	LIN FT	261.0	\$0.00	\$0.00							
47	*****	STORM SEWERS, DUCTILE IRON PIPE, 12 IN	LIN FT	0.0	\$0.00	\$0.00							
48	*****	STORM SEWERS, REINFORCED CONCRETE PIPE, 30 IN.	LIN FT	0.0	\$0.00	\$0.00							
49	*****	CIP OR PRECAST CONCRETE REDUCER	EACH	0.0	\$0.00	\$0.00							
50	CDOT SP 550-3	ABANDON AND FILL EXISTING COMBINED SEWER	LIN FT	165.0	\$0.00	\$0.00							

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GENERAL NOTES

- 1. CONTRACTOR WILL BE REQUIRED TO PREPARE A PHASING AND LOGISTICS PLAN WITHIN 30 DAYS OF NTP FOR REVIEW AND APPROVAL BY CDOT AND PBC, PRIOR TO MOBILIZATION AND COMMENCEMENT OF ANY WORK.
- 2. CONTRACTOR SHALL PROVIDE CRITICAL SUBMITTALS, INCLUDING SEWER AND DRAINAGE STRUCTURES, WITHIN 30 DAYS OF ISSUANCE OF THE NTP.
- 3. ON-SITE CONSTRUCTION WORK AT EACH ALLEY LOCATION MUST BE COMPLETED WITHIN 45 CALENDAR DAYS FROM COMMENCEMENT.

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		DRAWN - JS	REVISED -			OUC IR #122194	COOK	25	3
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	PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025						

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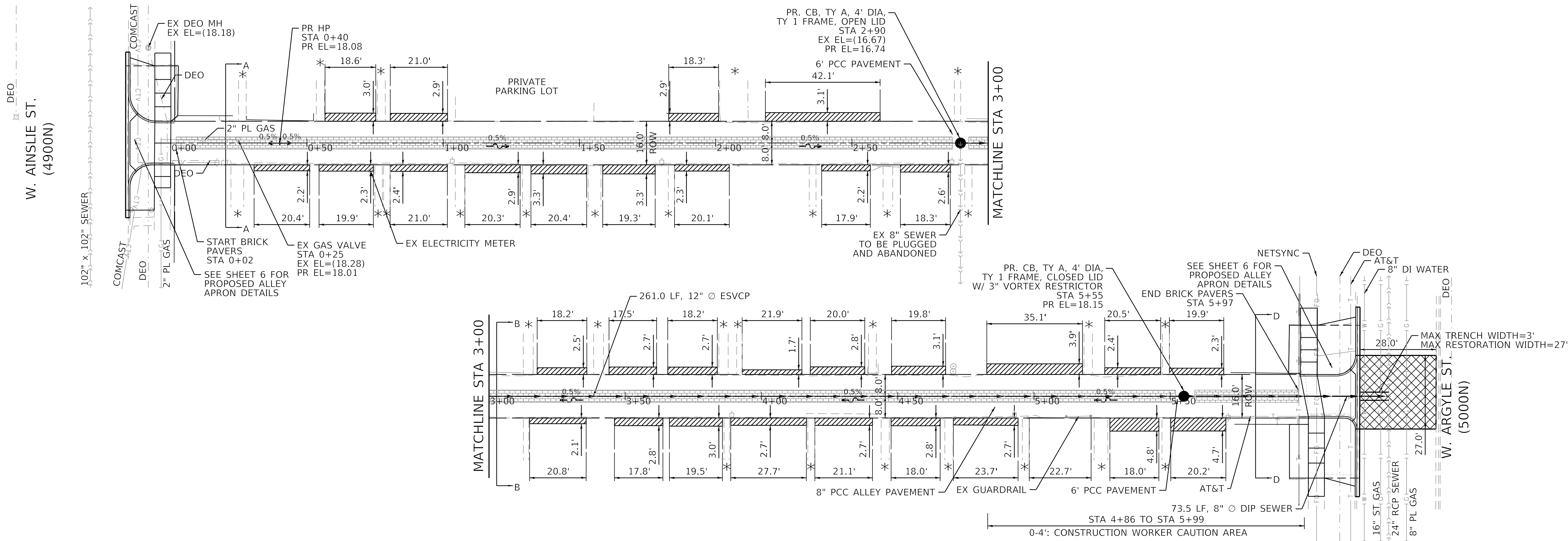


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PLOT DATE	= 7/1/2025	DATE	- 07/01/2025	ISSUED FOR BID	- 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

PROPOSED CONDITIONS PLAN VIEW
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSLIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

ouc number	COUNTY	TOTAL SHEETS	SHEET NO.
ouc IR #122194	COOK	25	5
STA. 0+00 TO STA. 5+99	SCALE: AS SHOWN		



NOTES

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CITY OF CHICAGO BENCHMARK #319, ELEV. = 15.629'
11.1' N. OF S. LINE OF W. LELAND AVE AND
64.6' E. OF E. LINE OF THE FIRST ALLEY W. OF N. WESTERN AVE.

TBM #1 ELEV.=19.403'
SET LARGE NAIL IN WEST FACE OF FIRST POWER POLE FROM
NORTH, ± 30' SOUTH OF S. LINE OF W. ARGYLE ST.

TBM #2 ELEV.=18.287'
TOP OF EAST BOLT OF LIGHT POLE AT SOUTHWEST CORNER OF
W. AINSLIE ST AND SOUTH END OF NORTH-SOUTH ALLEY.

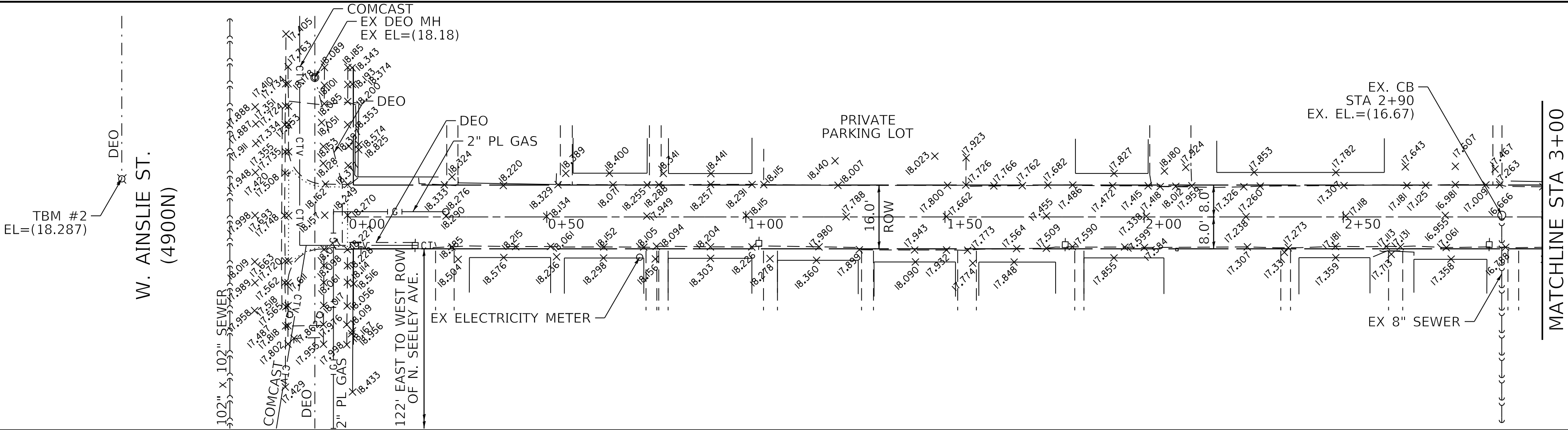
LEGEND

- EXISTING ROW LINE
- EXISTING LOT LINE
- (X.XX) EXISTING ELEV
- X.XX PROPOSED ELEV
- HP HIGH POINT
- REMOVE & REPLACE GARAGE APRONS
- HMA RESTORATION

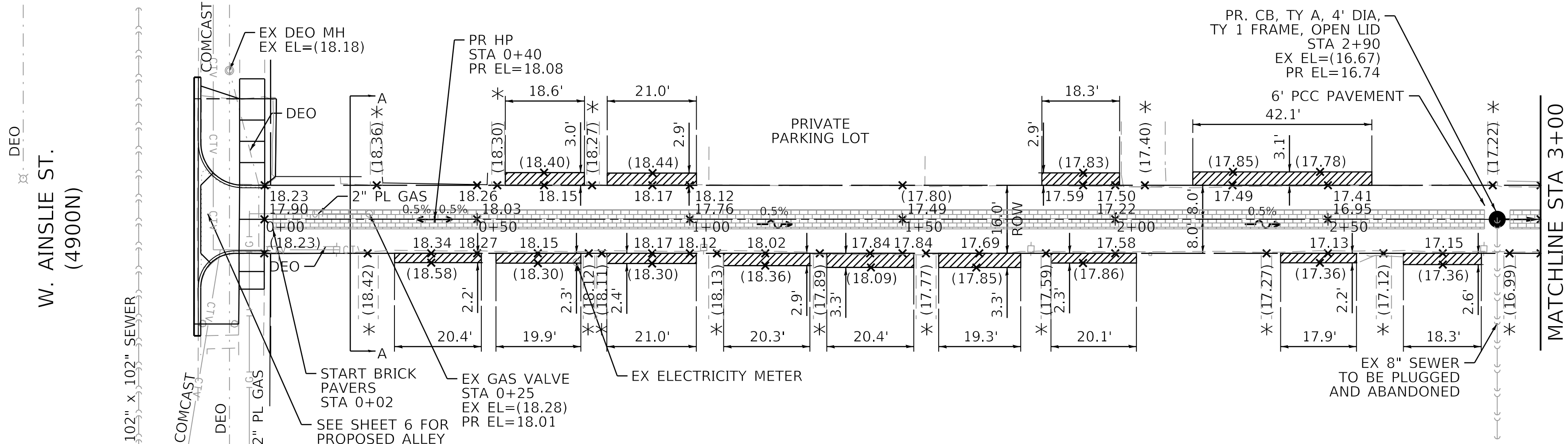
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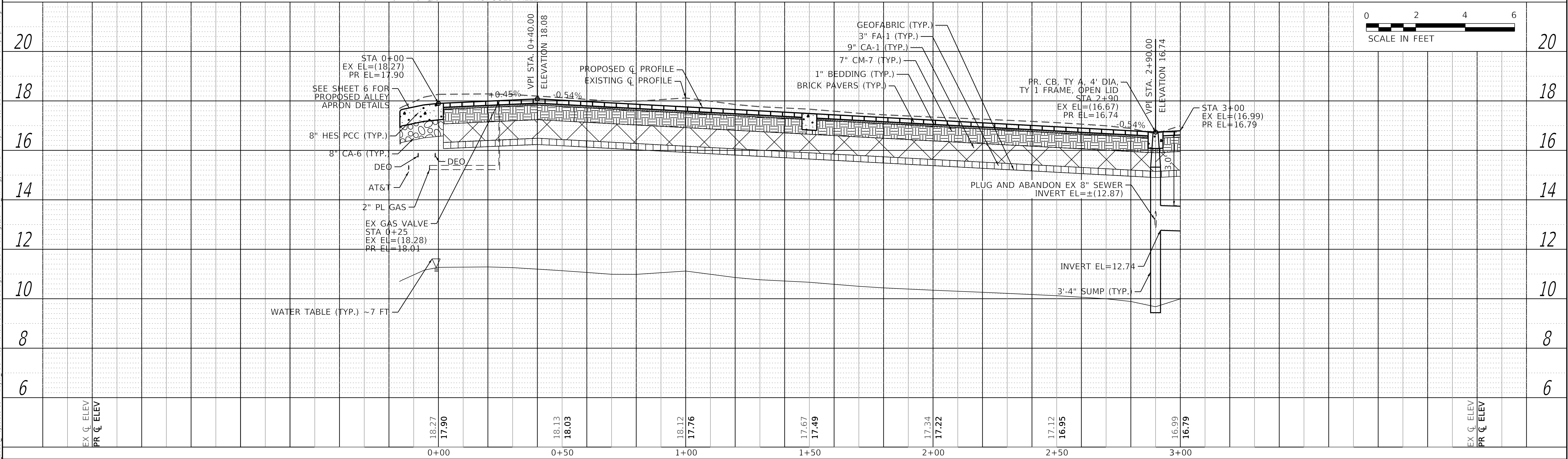
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EXISTING CONDITIONS PLAN VIEW



- NOTES**
- PROPOSED ELEVATIONS SHOWN AT EOP ARE 0.33' INWARDS FROM EXISTING ROW.

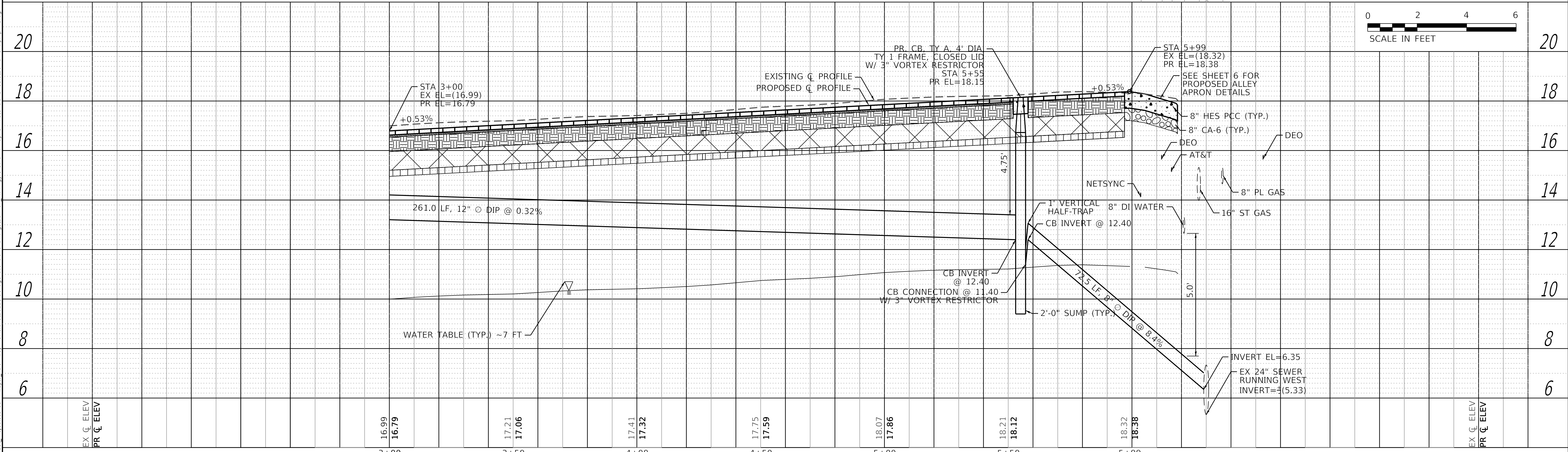
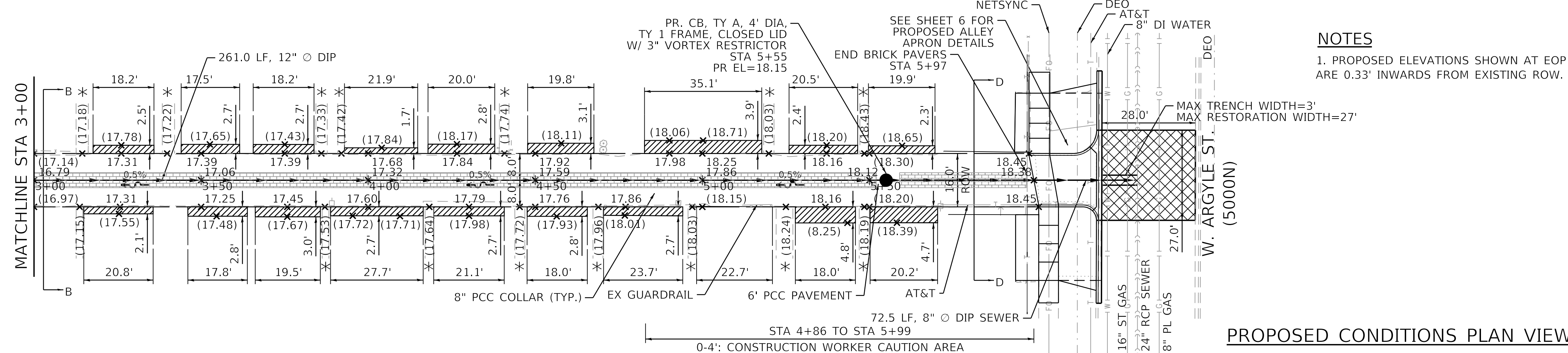


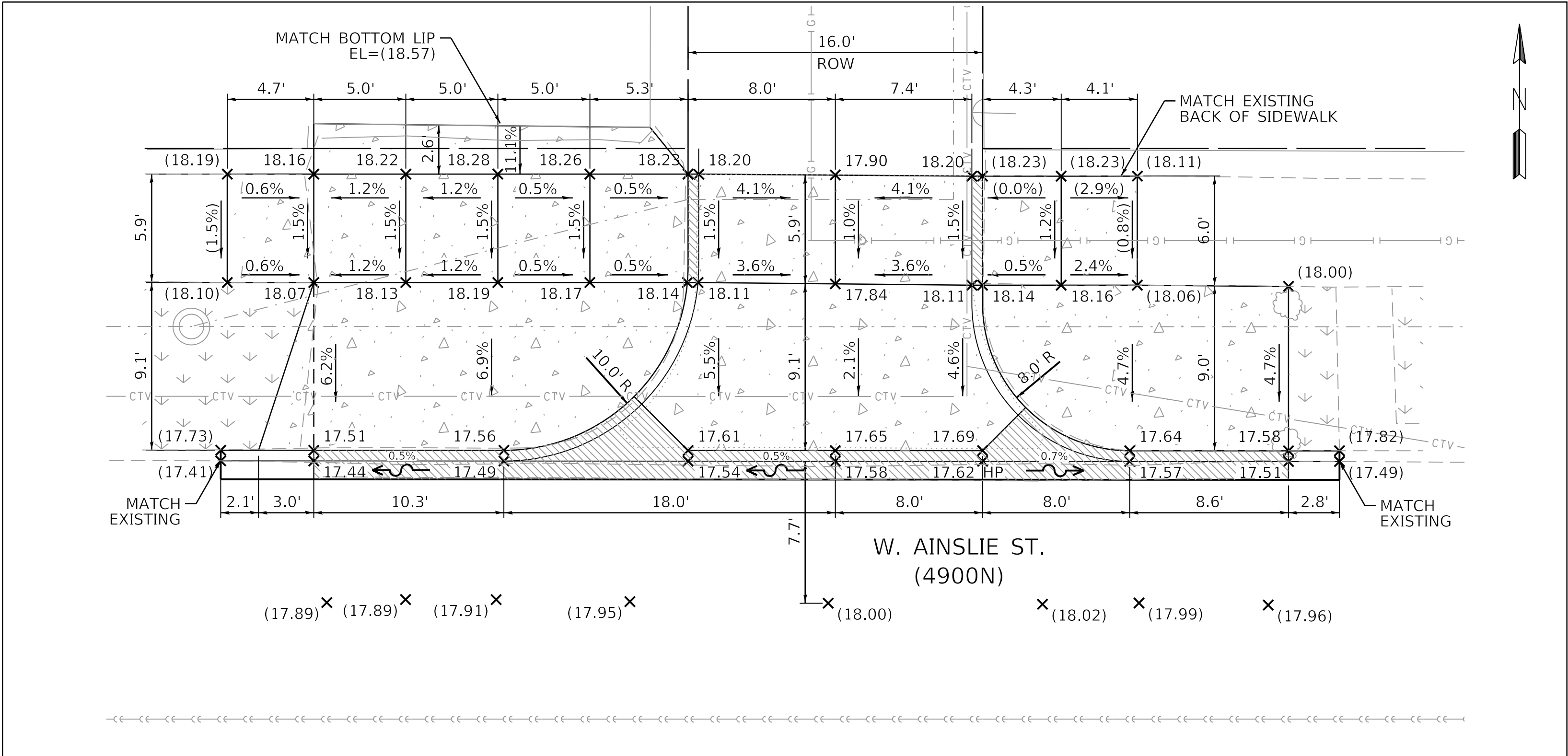
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	DRAWN - JS		CHECKED - SJ/LM	REVISED -			OUC IR #122194				
	PLOT SCALE = 20.0000 ' / in.		DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025			STA. 0+00 TO STA. 3+00				
	PLOT DATE = 7/1/2025						SCALE: AS SHOWN				

PROFILE			BY	DATE
	SURVEYED			
	PLOTTED			
NOTE BOOK	GRADES CHECKED			
	B.M. NOTED			
NO. _____	STRUCTURE NOTAT'NS CHKD			

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD**

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #122194	COOK	25	7
STA. 3+00 TO STA. 5+99	SCALE: AS SHOWN		

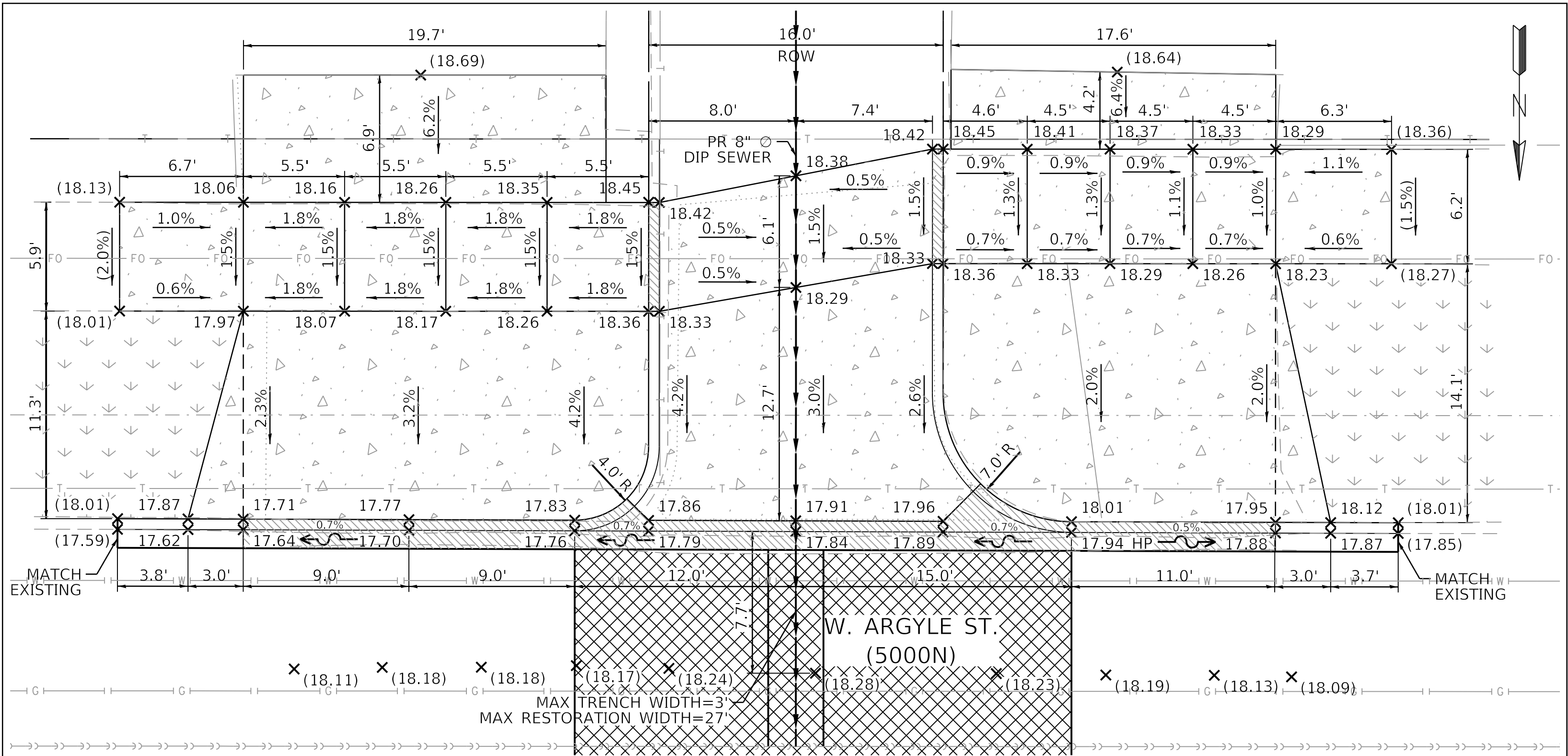




PROPOSED ALLEY APRON DETAILS

1" = 5'

NOTE: ALLEY RETURN WILL BE CONSTRUCTED IN PCC PAVEMENT
USE HES PCC BASE COURSE AT ALL T3 ALLEYS/DRIVEWAYS



PROPOSED ALLEY APRON DETAILS

1" = 5'

NOTE: ALLEY RETURN WILL BE CONSTRUCTED IN PCC PAVEMENT
USE HES PCC BASE COURSE AT ALL T3 ALLEYS/DRIVEWAYS

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

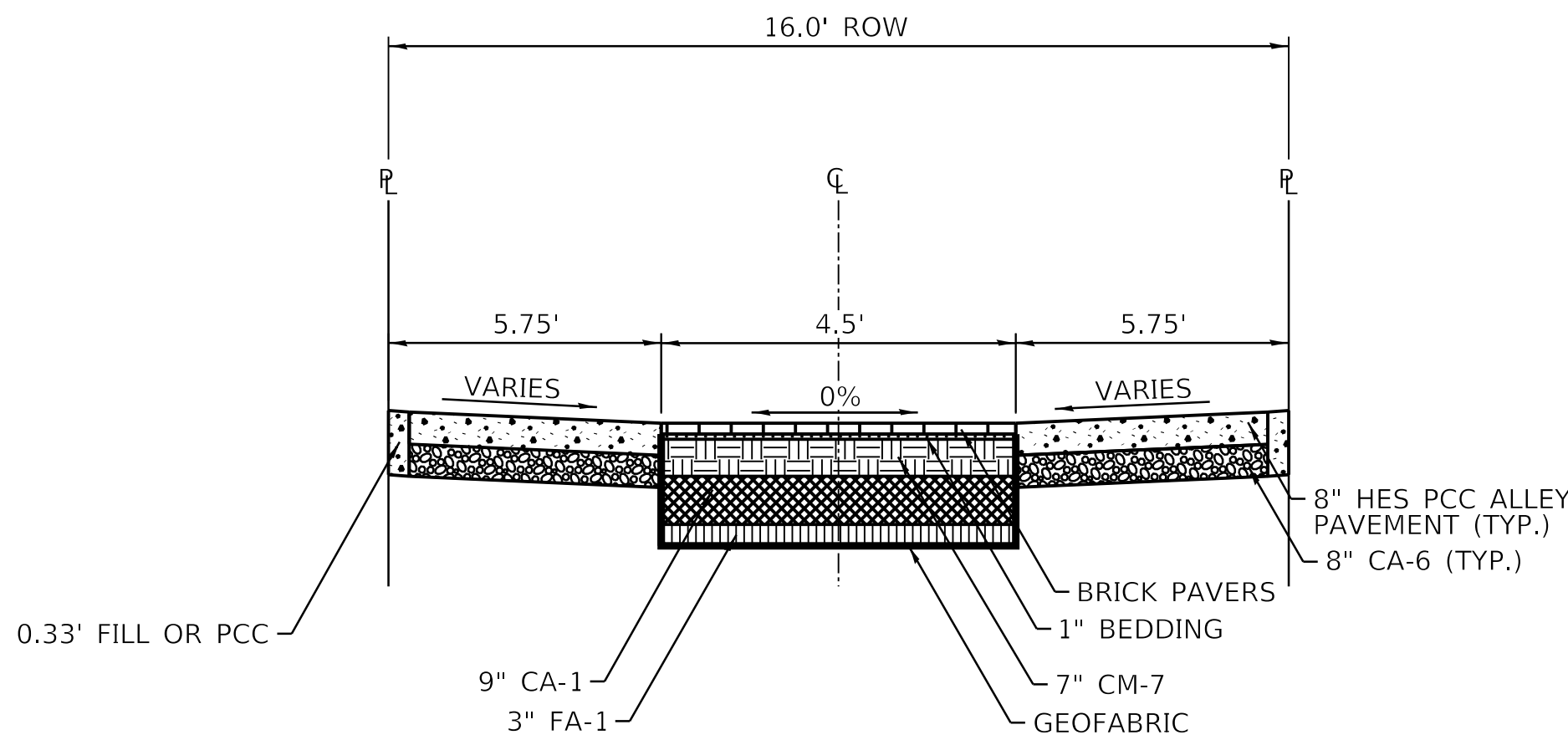
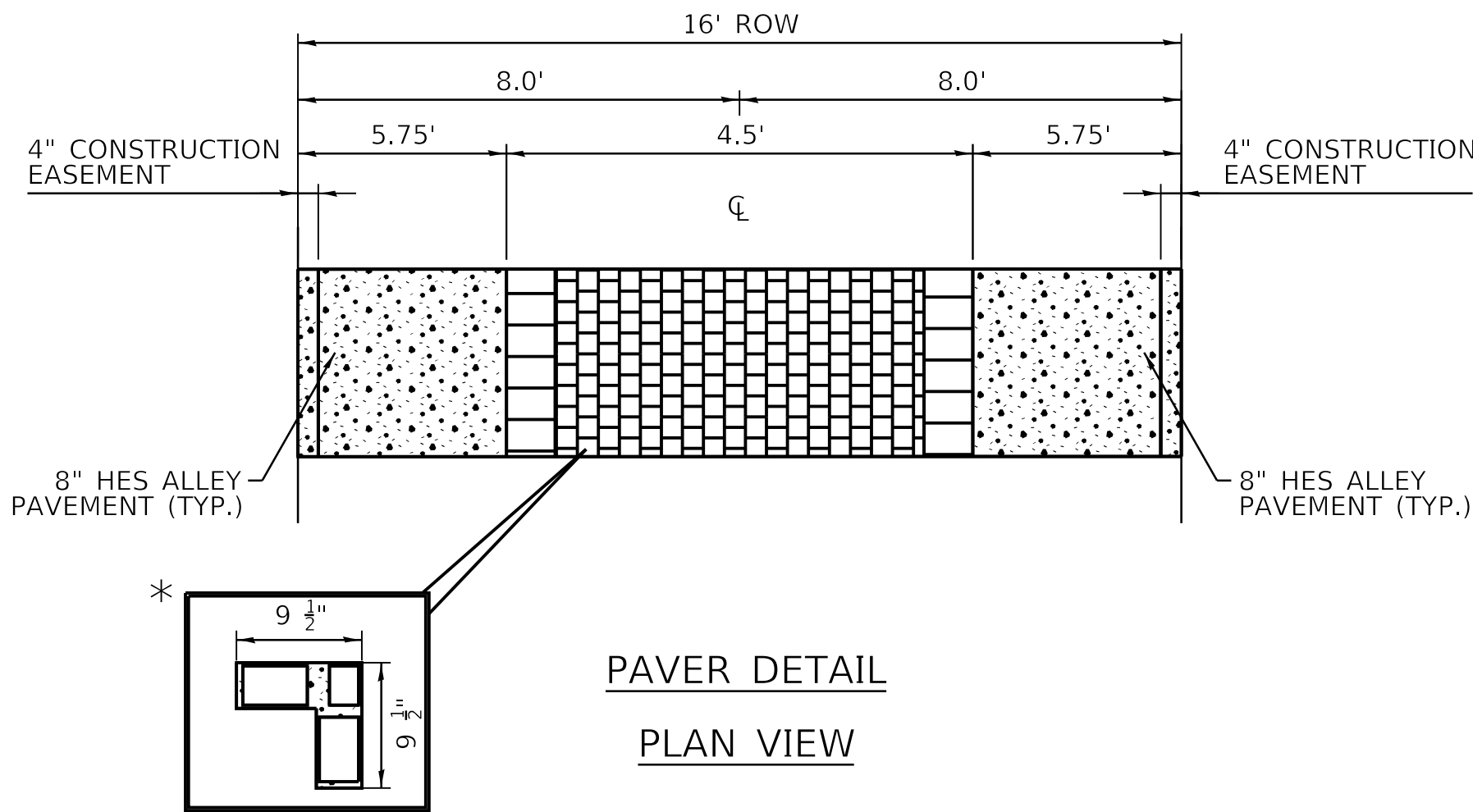
ALLEY APRON DETAILS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSLIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

ouc number	county	total sheets	sheet no.
ouc ir #122194	cook	25	8
sta.	to sta.	scale: as shown	

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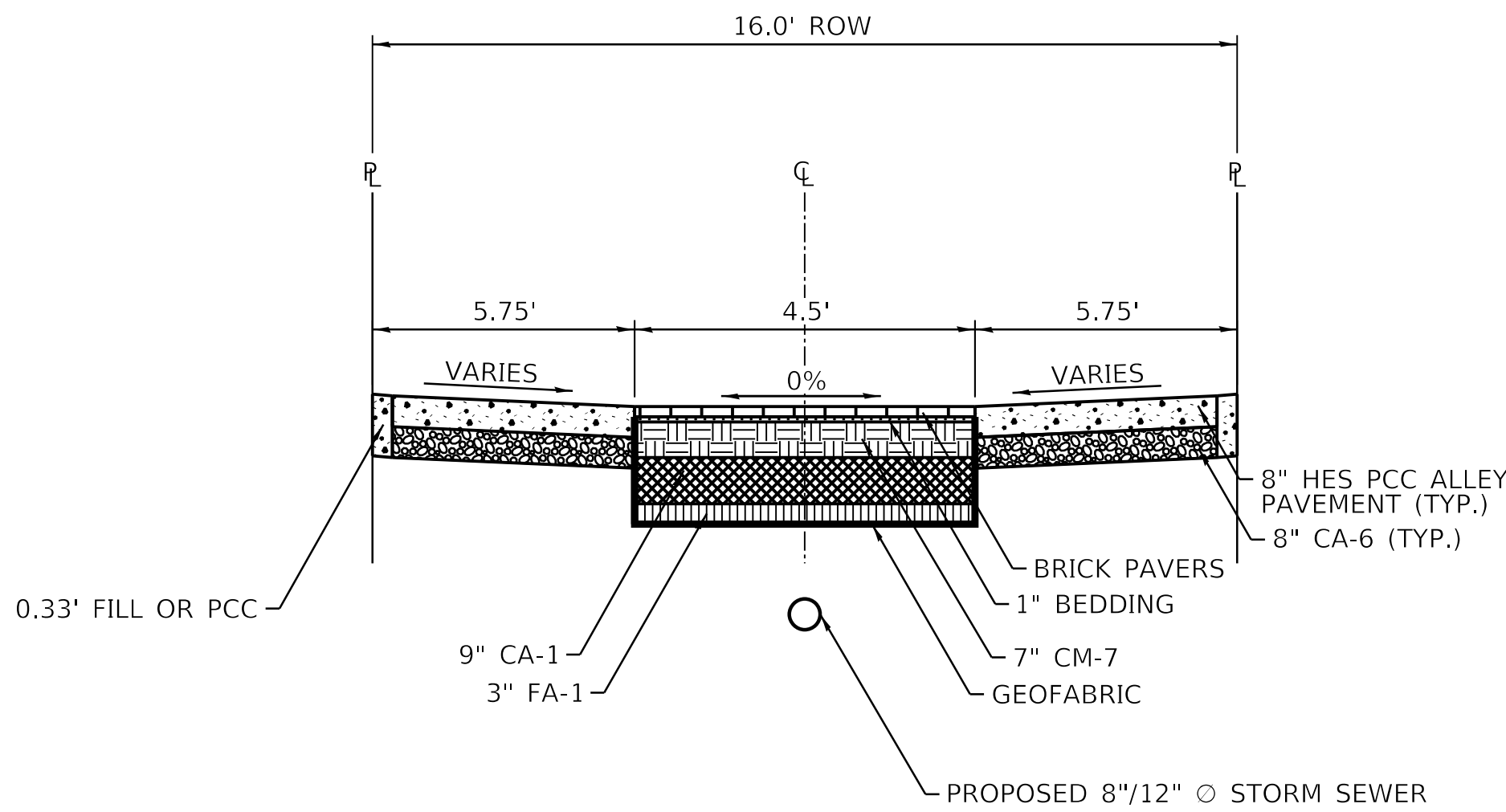
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PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025



PROPOSED TYPICAL CROSS SECTION B-B

STA. 0.02 TO STA. 2+90

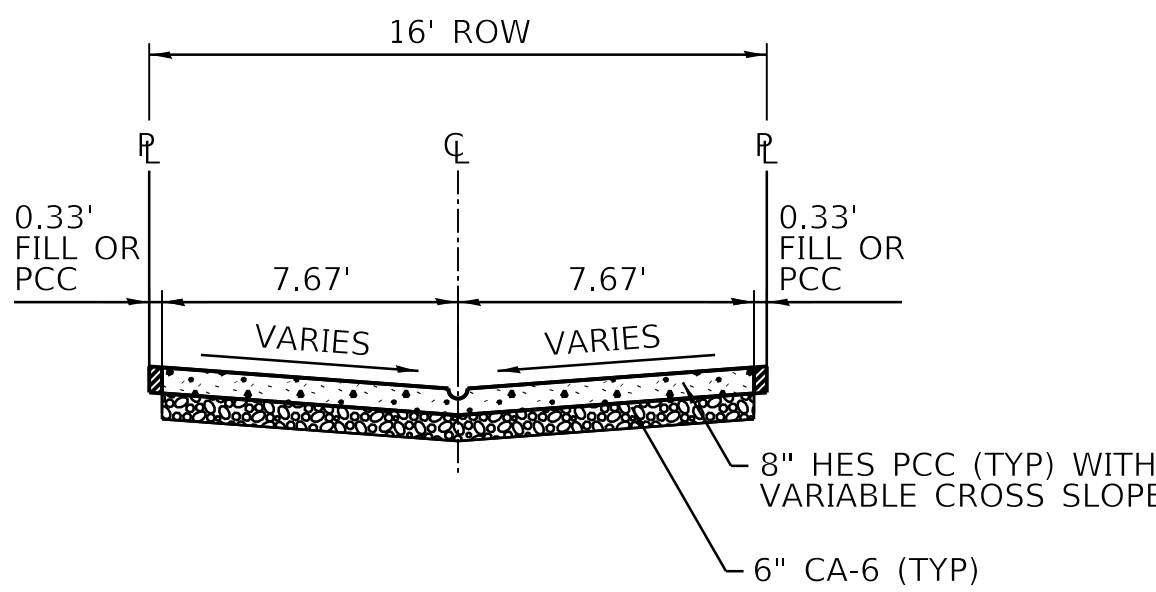
NOTE: 0.33' FILL OR PCC WILL BE PAID FOR AS 8" ALLEY PAVEMENT, CA-6, OR PULVERIZED TOPSOIL MIX W/ HYDROSEED.



PROPOSED TYPICAL CROSS SECTION B-B

STA. 2+90 TO STA. 5+97

NOTE: 0.33' FILL OR PCC WILL BE PAID FOR AS 8" ALLEY PAVEMENT, CA-6, OR PULVERIZED TOPSOIL MIX W/ HYDROSEED.



PROPOSED TYPICAL CROSS SECTION C-C

STA. 0+00 TO STA. 0+02

NOTE: 0.33' FILL OR PCC WILL BE PAID FOR AS 8" ALLEY PAVEMENT, CA-6, OR PULVERIZED TOPSOIL MIX W/ HYDROSEED.

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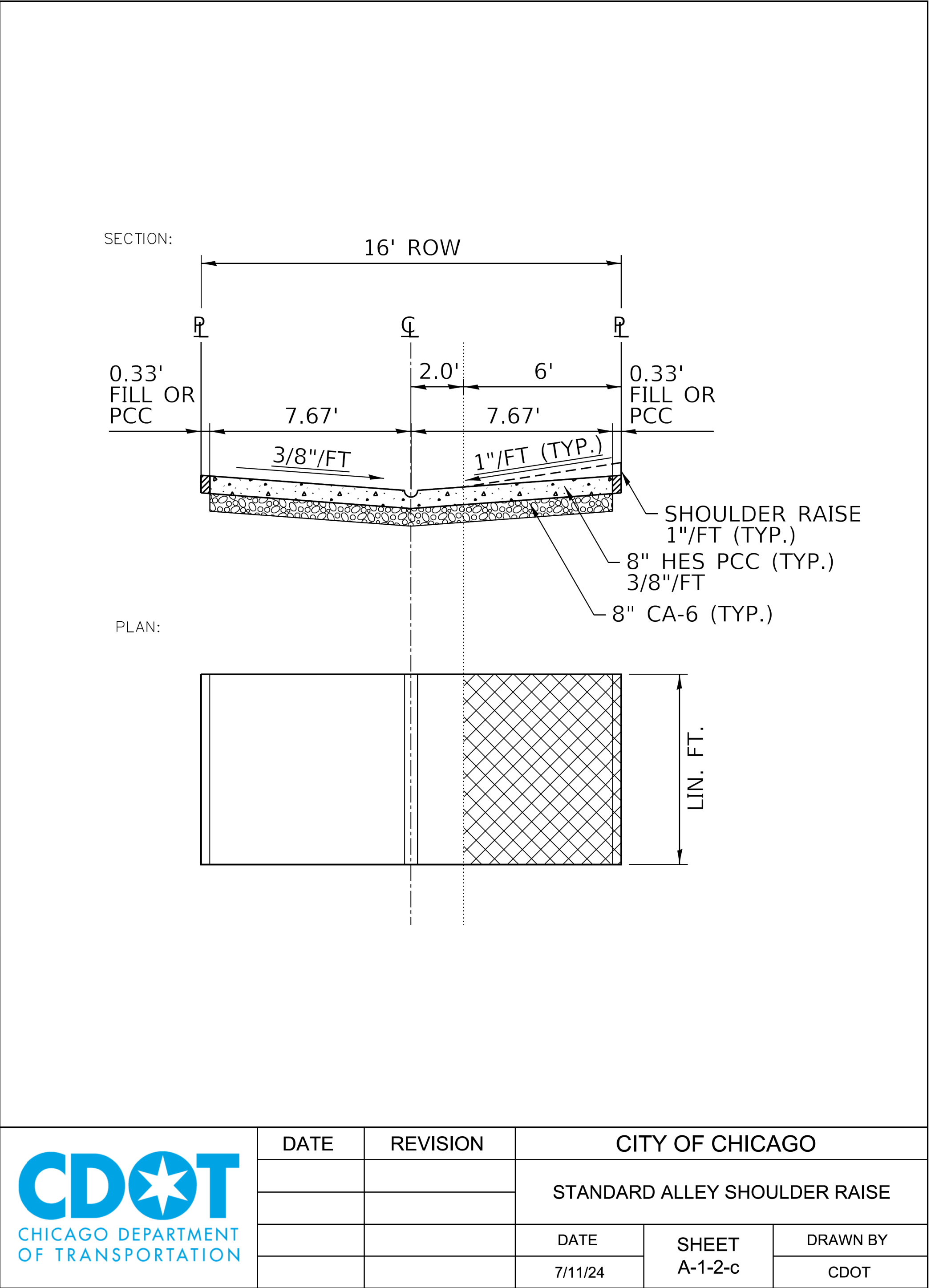
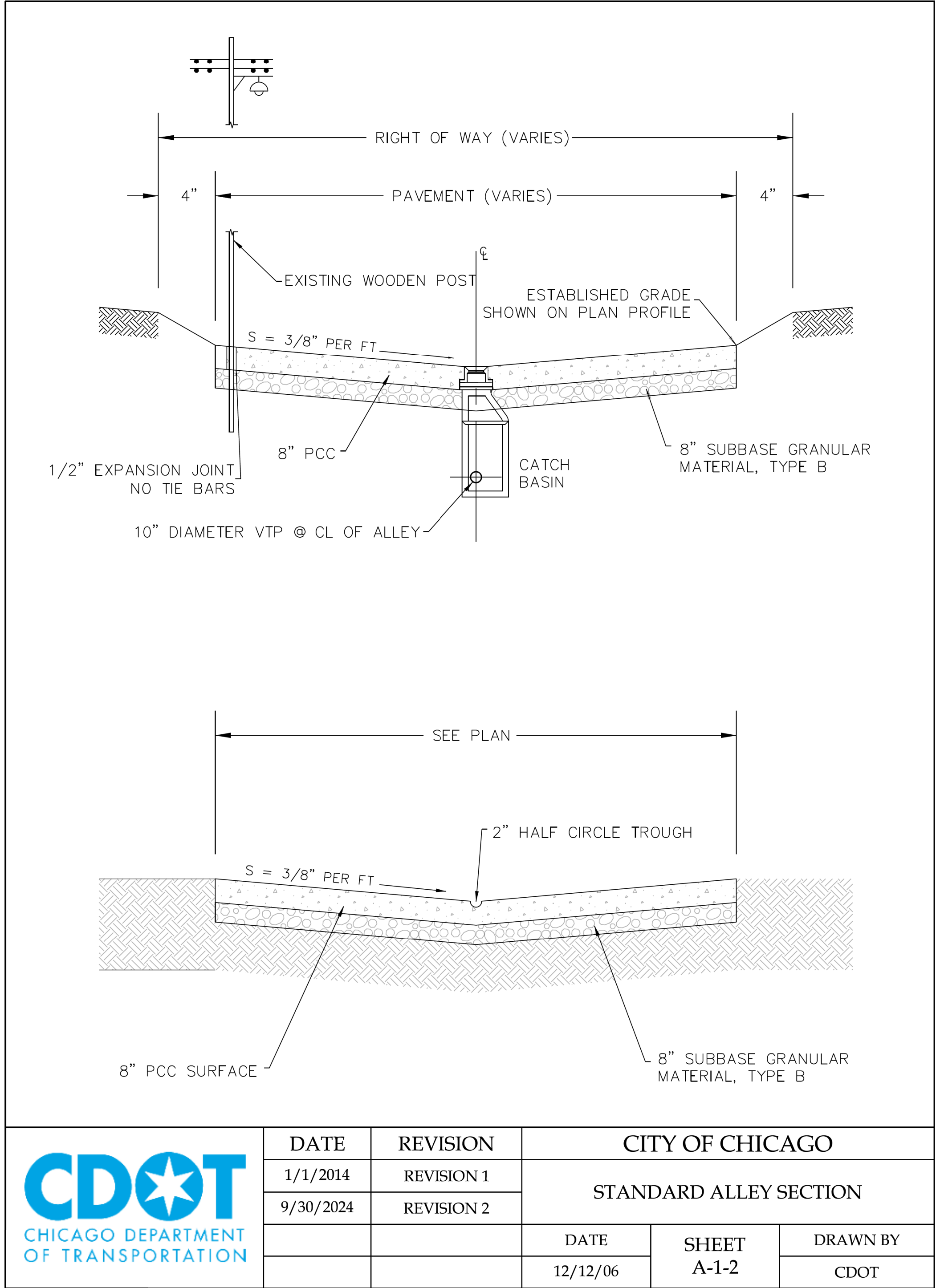


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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

TYPICAL SECTIONS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #122194	COOK	25	9
STA. TO STA.	SCALE: NTS		



MODEL: Default
FILE NAME: 10_2025_PBC-Alley-Revisions2025Package 6(CADD Drawings)21-M17 W. Argyle St. & N. Hoyne Ave(CADD Sheets)21-M17-shb-cdot-1.dgn



USER NAME = AB	DESIGNED -	REVISED -
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PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #122194	COOK	25	10
STA. TO STA.	SCALE:		

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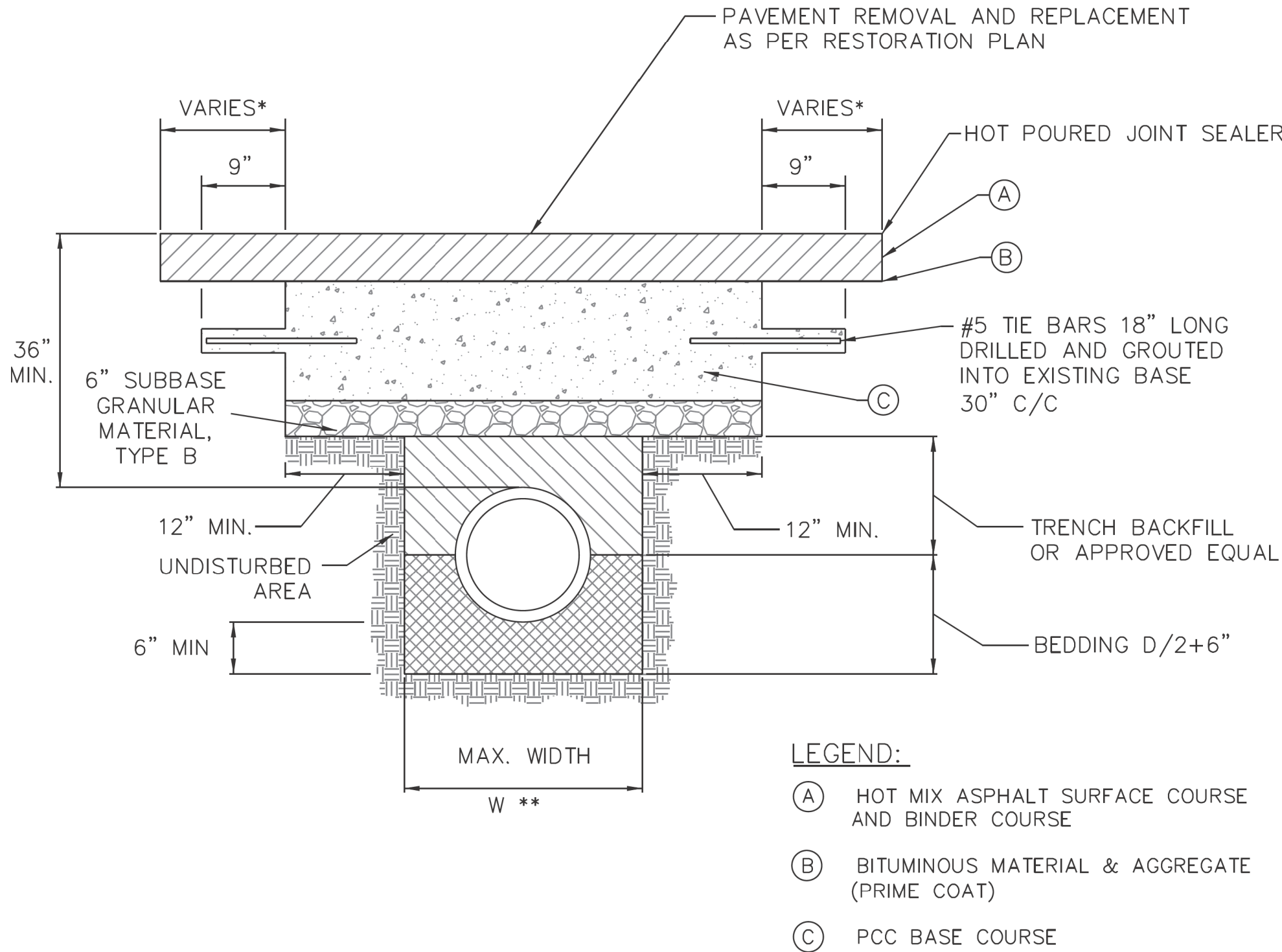


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PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSLIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

OCU NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OCU IR #122194	COOK	25	11
STA. TO STA.	SCALE:		




* PAVEMENT SHALL BE REMOVED & REPAVED TO NEAREST CONSTRUCTION JOINT IF TRENCH EDGE IS 5' OR LESS FROM JOINT. (OR AS REQUIRED BY THE COMMISSIONER)

** W = 9" + O.D. + 9", WHEN TRENCH DEPTH ≤ 5 FT.
W = 18" + O.D. + 18", WHEN TRENCH DEPTH > 5 FT.

NOTES:

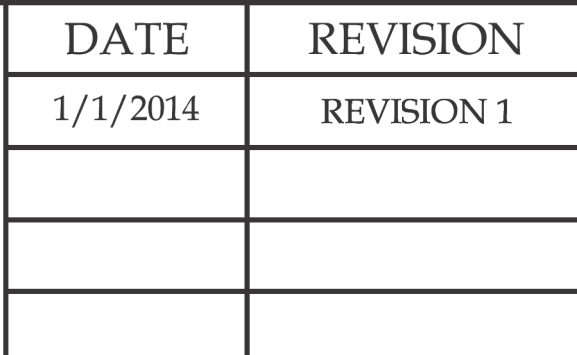
1. THE PORTLAND CEMENT CONCRETE BASE SHALL BE 8" OR MORE (SEE SECTION 4.2b FOR REQUIRED THICKNESS). FOR CONCRETE STREETS THE CONCRETE SHALL BE BROUGHT TO GRADE (INCLUDING 1'-0" OVERLAP) AND FINISHED AS REQUIRED IN THE IDOT SSRBC.
2. ALL EXISTING PAVEMENTS SHALL BE SAW CUT 1'-0" ON BOTH SIDES OF THE TRENCH OR PAVEMENT OPENING. UNDER NO CIRCUMSTANCES SHOULD EXISTING PAVEMENT, WHICH HAS BEEN UNDERMINED OR OTHERWISE DISTURBED, BE LEFT IN PLACE AND NOT RESTORED.
3. ALL STREET PAVEMENT WILL REQUIRE PLACEMENT OF #5 TIE BARS, 18 INCHES LONG DRILLED AND GROUTED (NON SHRINK) AT 30" CENTERS ON ALL SIDES. A MINIMUM OF TWO TIE BARS WILL BE REQUIRED ON EACH SIDE OF SAW CUT BOUNDARIES.
4. ALL TIE BARS AND DOWEL BARS ARE TO BE EPOXY COATED (INCIDENTAL).

	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	STREET PAVEMENT RESTORATION DETAIL WITH TRENCH BACKFILL		
	1/27/2016	REVISION 2			
			DATE	SHEET	DRAWN BY
			12/12/06	A-2-2A	CDOT

[illegible]

TRANSVERSE JOINTS OF A TYPE SIMILAR TO THAT USED IN THE ADJACENT PAVEMENT SHALL BE INSTALLED IN THE CURB, GUTTER AND COMBINED CURB & GUTTER IN PROLONGATION WITH THE JOINTS IN THE PAVEMENT. THE DETAILS OF THE TRANSVERSE JOINTS IN THE CURB, GUTTER AND COMBINED CURB & GUTTER SHALL BE APPROVED BY THE COMMISSIONER. CURB, GUTTER OR COMBINED CURB & GUTTER IS CONSTRUCTED ADJACENT TO A FLEXIBLE BASE PAVEMENT, 1" THICK EXPANSION JOINTS COMPOSED OF BITUMINOUS PERFORMED JOINT FILLER SHALL BE INSTALLED IN THE CURB AND/OR GUTTER AT POINTS OF CURVATURE AND AT CONSTRUCTION JOINTS. CONTRACTION JOINTS SHALL ALSO BE PLACED BETWEEN THESE EXPANSION JOINTS AT DISTANCES NOT EXCEEDING 20 FEET. ALL TIE BARS SHALL BE DEFORMED--ALL DOWEL BARS SHALL BE SMOOTH.

*AT LOCATIONS REQUIRING DEPRESSED CURBS SEE THE ADA STANDARDS FOR CONSTRUCTION DETAILS



CONCRETE CURB & GUTTER DETAIL

DATE	SHEET	DRAWN BY
12/12/06	A-2-6	CDOT



1. 1/2" EXPANSION JOINT WITHOUT DOWELS WITH BITUMINOUS PREFORMED JOINT FILLER TO BE PLACED THREE (3) INCHES FROM THREE SIDES OF STRUCTURES OR AS DIRECTED BY THE COMMISSIONER.



NOTES:

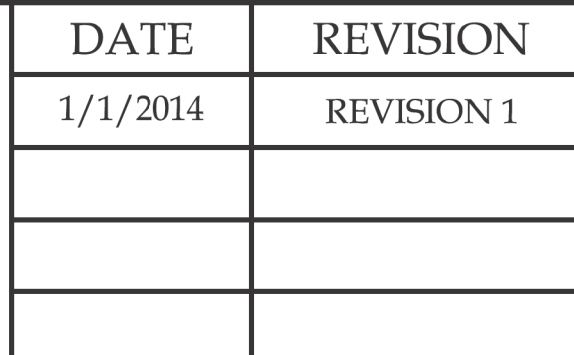
1. DEFORMED TIE BARS SHALL CONFORM TO THE REQUIREMENTS OF THE IDOT SSRBC.
2. HOT POURED JOINT MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF THE IDOT SSRBC.

Diagram illustrating a joint repair method using a dowel bar and joint filler. The diagram shows a cross-section of a concrete joint with a dowel bar and joint filler.

Labels and Dimensions:

- 5/8" DIA. SMOOTH DOWEL BARS 1'-6" LONG, SPACED EVERY 1'-6" MAXIMUM
- 1/8" R
- FILL WITH HOT POURED JOINT MATERIAL
- LUBRICATE THIS END
- EXPANSION CAP
- NON-EXTRUDING JOINT FILLER
- 1 3/4" -||-
- 8"
- 4"
- 1"
- DOWEL BAR SUPPORTS APPROVED BY THE COMMISSIONER

(MAY BE CONSTRUCTION JOINT)



PORTLAND CEMENT CONCRETE ALLEY

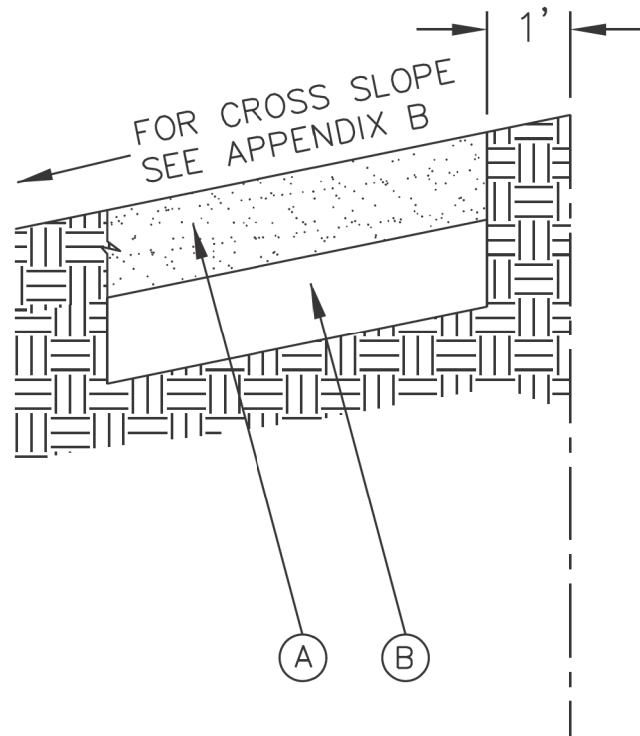
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12/21/06		CDOT

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PLOT DATE = 7/1/2025	DATE = 07/01/2025	ISSUED FOR BID - 07/10/2025

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22925
 W. ARGYLE STREET - W. AINSLIE STREET
 N. HOYNE AVENUE - N. SEELEY AVENUE


OUNC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUNC IR #122194	COOK	25	12
STA. 0+00 TO STA. 0+00	SCALE:		

MODEL: Default
FILE NAME: W. 2025, ProjectsGreen, Alley/D, PBC, Alley, Revisions2025Package, 6(CADD Drawings)21-M17, W. Argyle St. & N. Hoyne Ave(CADD Sheets)21-M17-shh-cdot-4.dgn



LEGEND:

- (A) PROPOSED 5" P.C.C. SIDEWALK *
- (B) SUBBASE GRANULAR MATERIAL, TYPE B OR C, 4"
- * CURB RAMP & KEYSTONE 8" P.C.C. AT SIGNALIZED AND INDUSTRIAL STREET INTERSECTIONS

 CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	ADA COMPLIANT SIDEWALK CONSTRUCTION DETAILS		
			DATE	SHEET	DRAWN BY
			12/20/06	A-3-1	CDOT



USER NAME = AB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

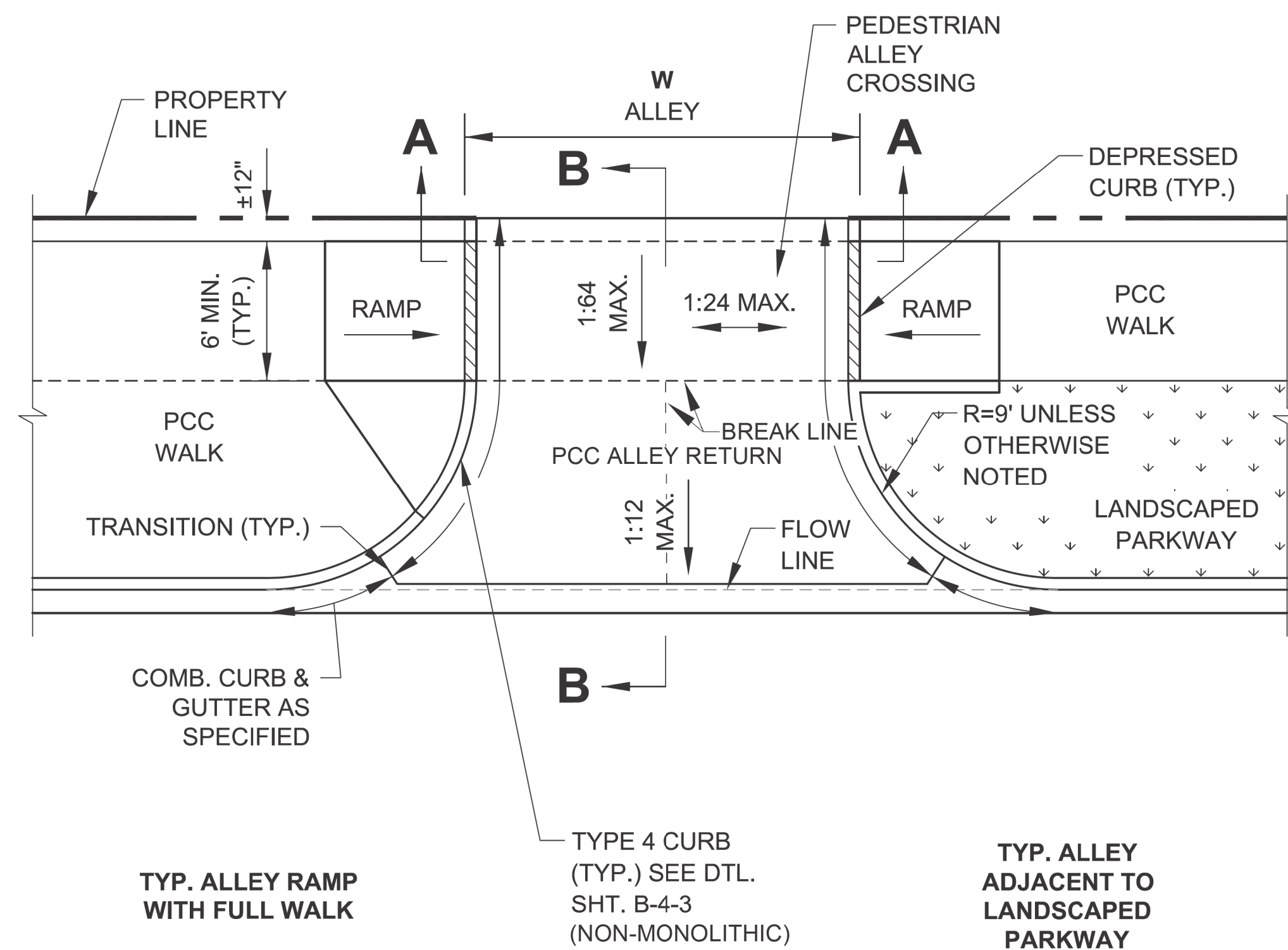
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PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSLIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #122194	COOK	25	13
STA. TO STA.	SCALE:		



A. DETECTABLE WARNING IS NOT REQUIRED AT ALLEY RETURNS.

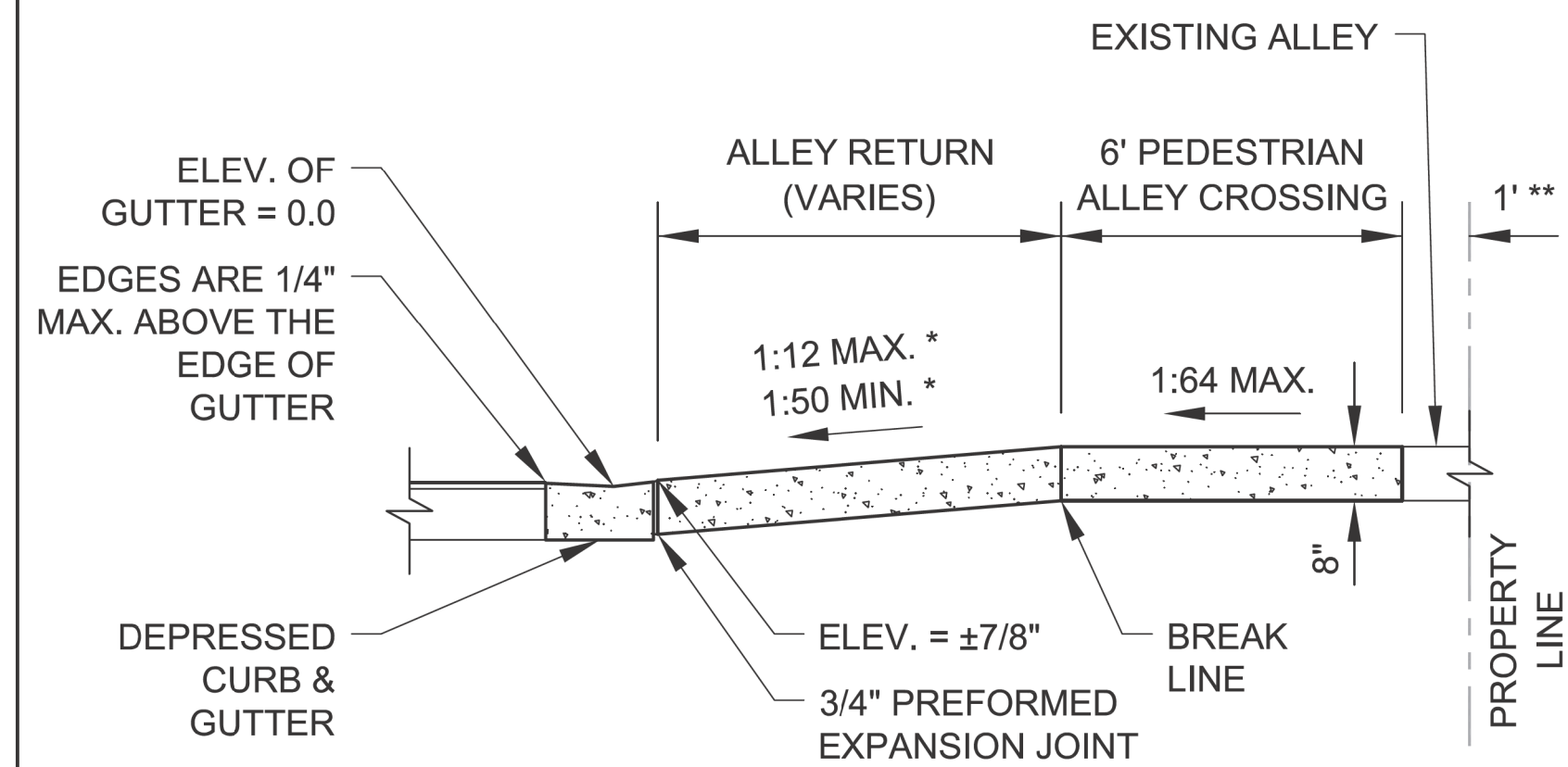
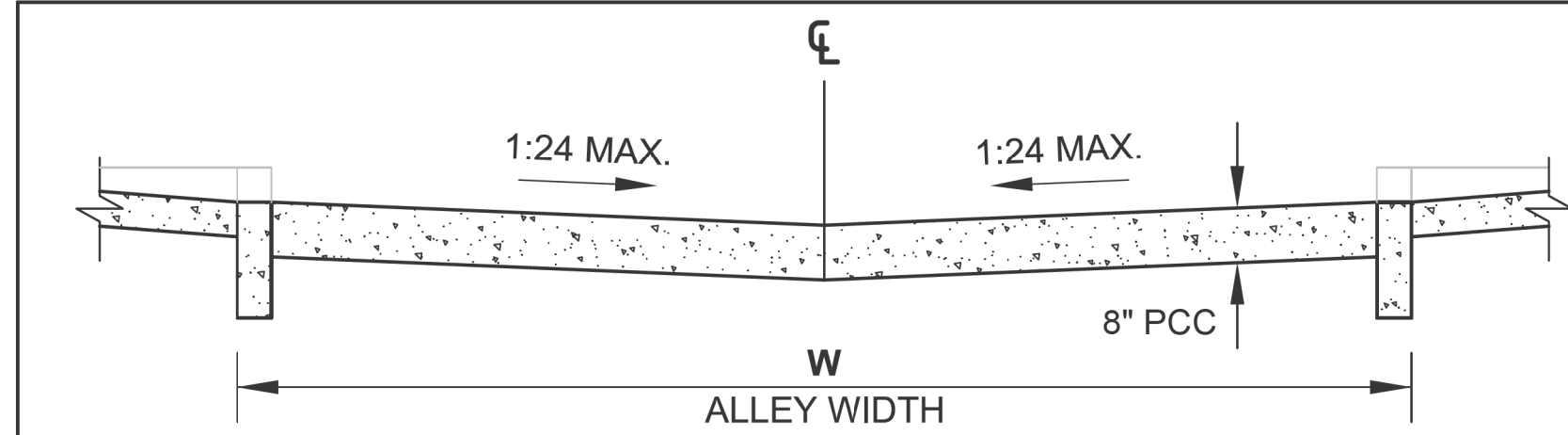
B. RAMP DETAILS ARE DEPENDENT UPON SITE SPECIFIC CONDITIONS (WHERE RAMPS ARE NECESSARY). SEE APPROPRIATE RAMP SHEET AS REQUIRED (TYP.).

C. SEE DETAIL B-2-5 FOR REDUCED WIDTH (4' MIN.) PEDESTRIAN ACCESSIBLE ROUTE ACROSS ALLEY / DRIVEWAY (TO ALLOW FOR ADDITIONAL SLOPE AT ALLEY / DRIVEWAY).



NOTE:
WORK THIS SHEET WITH
SHEET B-2-2.

 <p>City of Chicago Rahm Emanuel, Mayor Department of Transportation Division of Engineering www.cityofchicago.org</p>  <p>CHICAGO DEPARTMENT OF TRANSPORTATION</p>	DATE	REVISION	<p>CITY OF CHICAGO ALLEY RETURN PLAN VIEW SHEET B-2-1</p> <p>SCALE: NOT TO SCALE DATE: 10/23/2006</p> <p>DRAWN BY: CDOT CHECKED BY: GK</p>
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
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	08/10/12	REVISION 5	
	01/01/14	REVISION 6	

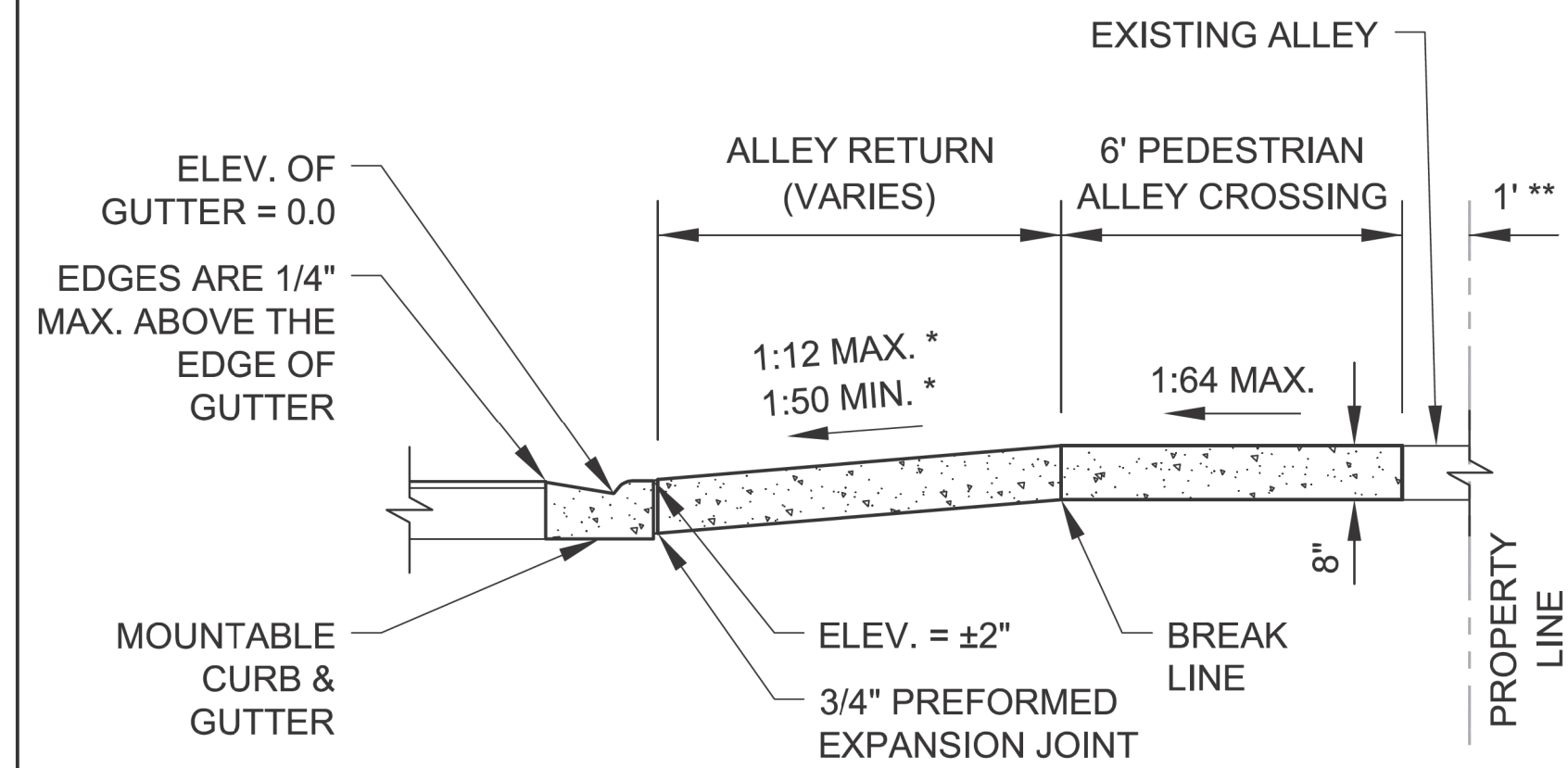
ALLEY RETURN NOTES:

A. WHEN A PORTION OF AN EXISTING PAVED ALLEY IS REMOVED TO ADJUST THE ALLEY PAVEMENT TO THE NEW GRADE, 3/4" PREFORMED EXPANSION JOINT MATERIAL SHALL BE PLACED ON THE PROPERTY LINE OTHERWISE THE JOINT IS OMITTED. THE COST OF FURNISHING AND PLACING THE 3/4" PREFORMED EXPANSION JOINT MATERIAL SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE ALLEY RETURN.



B. SAWED JOINTS SHALL BE SEALED WITH A POURED MATERIAL MEETING THE REQUIREMENTS OF SECTION 1050 OF THE SSRBC.

* SLOPE VARIES AND IS NOT GOVERNED BY ADA

** THE SLOPE OF THE ALLEY
IN THE 1' SPACE ADJACENT
TO THE PROPERTY LINE
MAY BE ALTERED UP TO
10% TO MEET EXISTING
CONDITIONS



NOTE:
WORK THIS SHEET WITH
SHEET B-2-1.

 <p>City of Chicago Rahm Emanuel, Mayor Department of Transportation Division of Engineering www.cityofchicago.org</p>  <p>CHICAGO DEPARTMENT OF TRANSPORTATION</p>	DATE	REVISION	<p>CITY OF CHICAGO ALLEY RETURN SECTIONS SHEET B-2-2</p> <p>SCALE: NOT TO SCALE DATE: 10/23/2006</p> <p>DRAWN BY: CDOT CHECKED BY: GK</p>
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	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	11/02/09	REVISION 4	
	08/10/12	REVISION 5	
	01/01/14	REVISION 6	



USER NAME = AB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD**

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22925
 W. ARGYLE STREET - W. AINSLIE STREET
 N. HOYNE AVENUE - N. SEELEY AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #122194	COOK	25	14
STA. TO STA.	SCALE:		

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ADA COMPLIANCE AND TRANSITION GUIDELINES

POLICY STATEMENT: ANY ALTERATION OF THE PUBLIC WAY MUST BE RESTORED IN AN ADA COMPLIANT MANNER

I. STREET/ALLEY RESTORATION

FOR ANY PROJECT WHERE, WITHIN THE PROJECT LIMITS, A CROSSWALK IS ENCOUNTERED OR WHERE THE PROJECT LIMITS TERMINATE WITHIN 4' OR LESS OF A CROSSWALK, THOSE CROSSWALKS AND THE ASSOCIATED CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A.)

WHEN A PROJECT CALLS FOR ONLY AN INTERSECTION TO BE REPAVED, THE INTERSECTION LIMITS AS DEFINED BY THE AREA OUTLINED BY OUTERMOST CROSSWALK LINES AND ADJACENT CURB FACES AND ALL ADJOINING CROSSWALKS AND CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A).

WHEN WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE CURB RAMP MUST BE IMPROVED TO CURRENT ADA STANDARDS AND THE ADJACENT PAVEMENT MUST BE RESURFACED, AS NECESSARY TO PROVIDE FOR A FLUSH TRANSITION (SEE APPENDIX A).

WHEN ADA WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE ADJACENT PAVEMENT MUST BE RESTORED (SEE APPENDIX A).

FOR ANY CONSTRUCTION WHERE, WITHIN THE PROJECT LIMITS, AN ALLEY APRON IS ENCOUNTERED, THE ASSOCIATED CURB RAMPS, ALLEY APRON, AND SIDEWALKS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A).

II. SIDEWALK INSTALLATION / REPAIRS / RECONSTRUCTION

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, THAT ABUT AN EXISTING RAMP, KEYSTONE, TRANSITION PANEL, AND/OR LANDING AREA (THIS TOTAL LENGTH INCLUDES THE PRIOR ELEMENTS), SHALL BE EXTENDED TO INCLUDE THE AFFECTED RAMPS AND THESE RAMPS SHALL BE RECONSTRUCTED TO CURRENT ADA STANDARDS. IN ADDITION, ALL NEWLY PLACED SIDEWALK TEN FEET (10') OR MORE IN LENGTH SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT APPLICABLE STANDARDS WHICH INCLUDE PROVIDING A MINIMUM FOUR FEET (4') WIDTH ACCESSIBLE PATHWAY WITH A CROSS SLOPE NOT TO EXCEED 1:64 (SEE APPENDIX A).

III. GUIDELINES FOR TRANSITIONING TO EXISTING NON-COMPLIANT CONDITION

NEW SIDEWALK PLACEMENTS GREATER THAN TEN FEET IN CONTIGUOUS LENGTH:

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, MUST BE EXTENDED FOR A MINIMUM FIVE ADDITIONAL FEET (5') EITHER SIDE IN ORDER TO PROVIDE A TRANSITION TO MATCH THE EXISTING SIDEWALK. THE LENGTH OF TRANSITION SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

NEW SIDEWALK REPLACEMENTS TEN FEET OR LESS IN CONTIGUOUS LENGTH (REPAIRS):

IT IS ACCEPTABLE PRACTICE TO MATCH ADJACENT SIDEWALKS AT THE EXISTING SLOPE.

CURB RAMP REPLACEMENTS

WHEN REPLACING AN ADA RAMP, THE SIDEWALK REPLACEMENT MUST EXTEND BEYOND THE LIMITS OF THE LANDING AREA AND/OR THE "KEYSTONE" A MINIMUM OF AN ADDITIONAL FIVE FEET (5') ON EITHER SIDE IN ORDER TO PROVIDE A TRANSITION TO MATCH THE EXISTING SIDEWALK. THE TRANSITION PANEL SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION PANEL DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

NO EXCEPTIONS TO THE ABOVE WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.

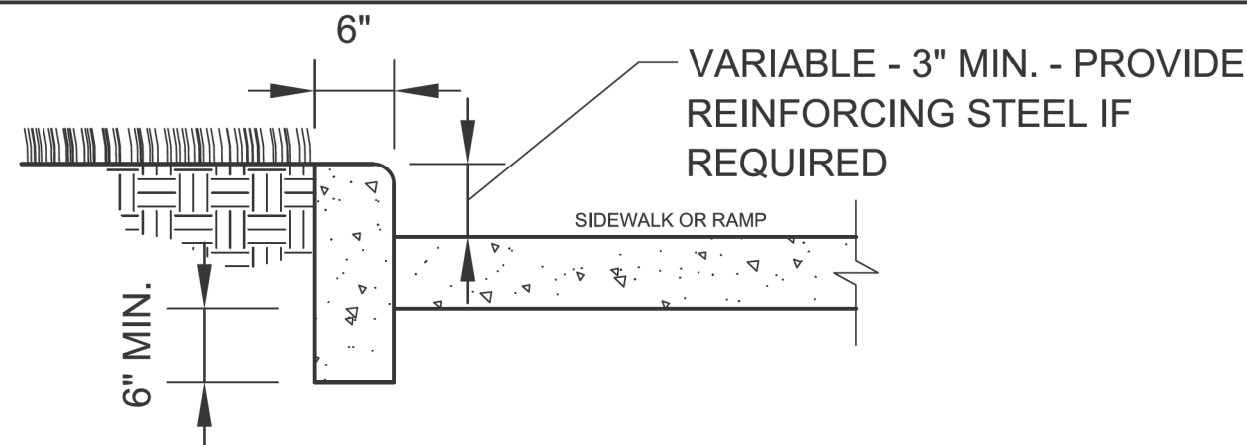


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01/01/14	REVISION 6

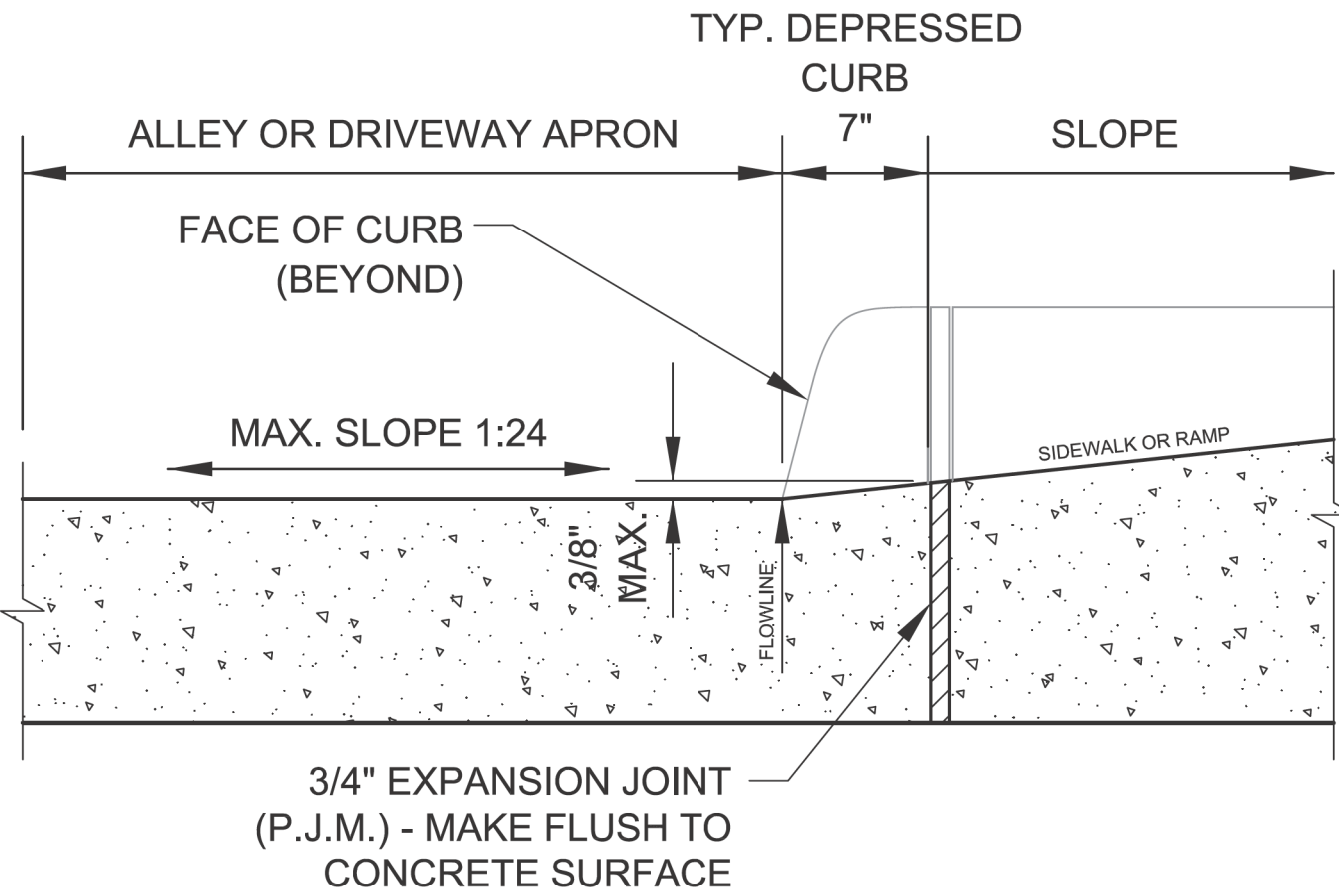
CITY OF CHICAGO
ADA COMPLIANCE AND TRANSITION GUIDELINES
SHEET B-3-4

SCALE: NOT TO SCALE
DATE: 10/23/2006

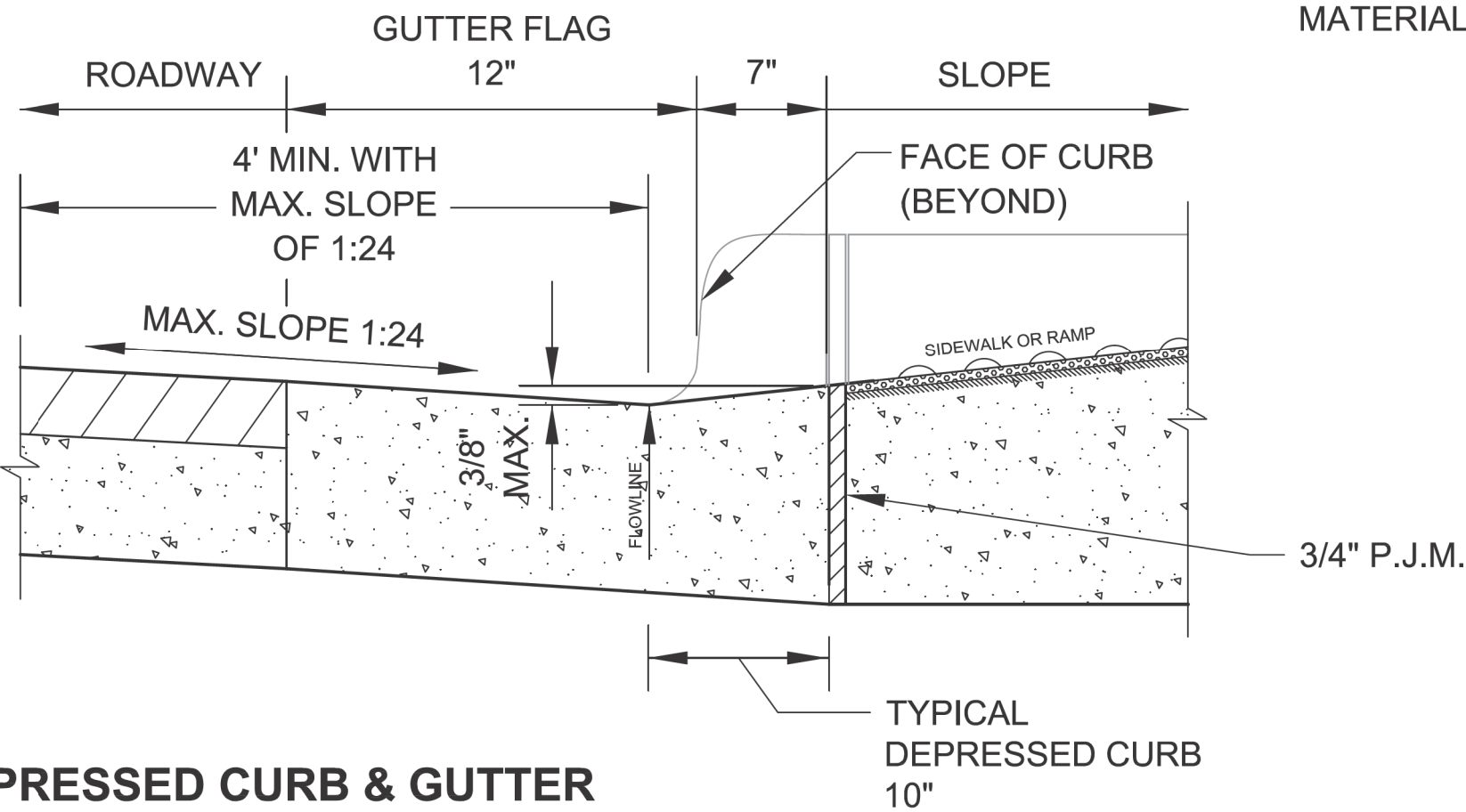
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SIDE CURB - SECTION



DEPRESSED CURB & GUTTER
AT ALLEY/DRIVEWAY APRON (TYPE 4 OR B CURB)



DEPRESSED CURB & GUTTER
AT BOTTOM OF TYPICAL CURB RAMP



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LCM

NOTES FOR CURB & GUTTER
DETAILS THIS SHEET:

A. CROSS SLOPE AT
DEPRESSED CURB & GUTTER
NOT TO EXCEED 1:64.

B. DETECTABLE WARNING
SURFACE AT DRIVEWAYS
REQUIRED ONLY FOR
COMMERCIAL
DRIVEWAYS WITH TRAFFIC
CONTROL
DEVICES, I.E. SIGNALS.

C. REFER TO *REGULATIONS
FOR OPENINGS,
CONSTRUCTION AND REPAIR IN
THE PUBLIC WAY (CDOT)* FOR
ADDITIONAL REQUIREMENTS
FOR CURB AND GUTTER
INSTALLATION.

D. RAMP SIDE FLARES SHALL
BE INSTALLED AT ANY
LOCATION WHERE THE
SURFACE ADJACENT TO THE
RAMP SURFACE IS INTENDED
FOR PEDESTRIAN USE.
TRIPPING HAZARDS, INCLUDING
STEPS, DROP-OFFS, OR SIDE
CURBS SHALL NOT BE LOCATED
WITHIN THE LIMITS OF THE
SIDEWALK.

E. 'P.J.M.' THIS SHEET REFERS
TO PREFORMED JOINT
MATERIAL.



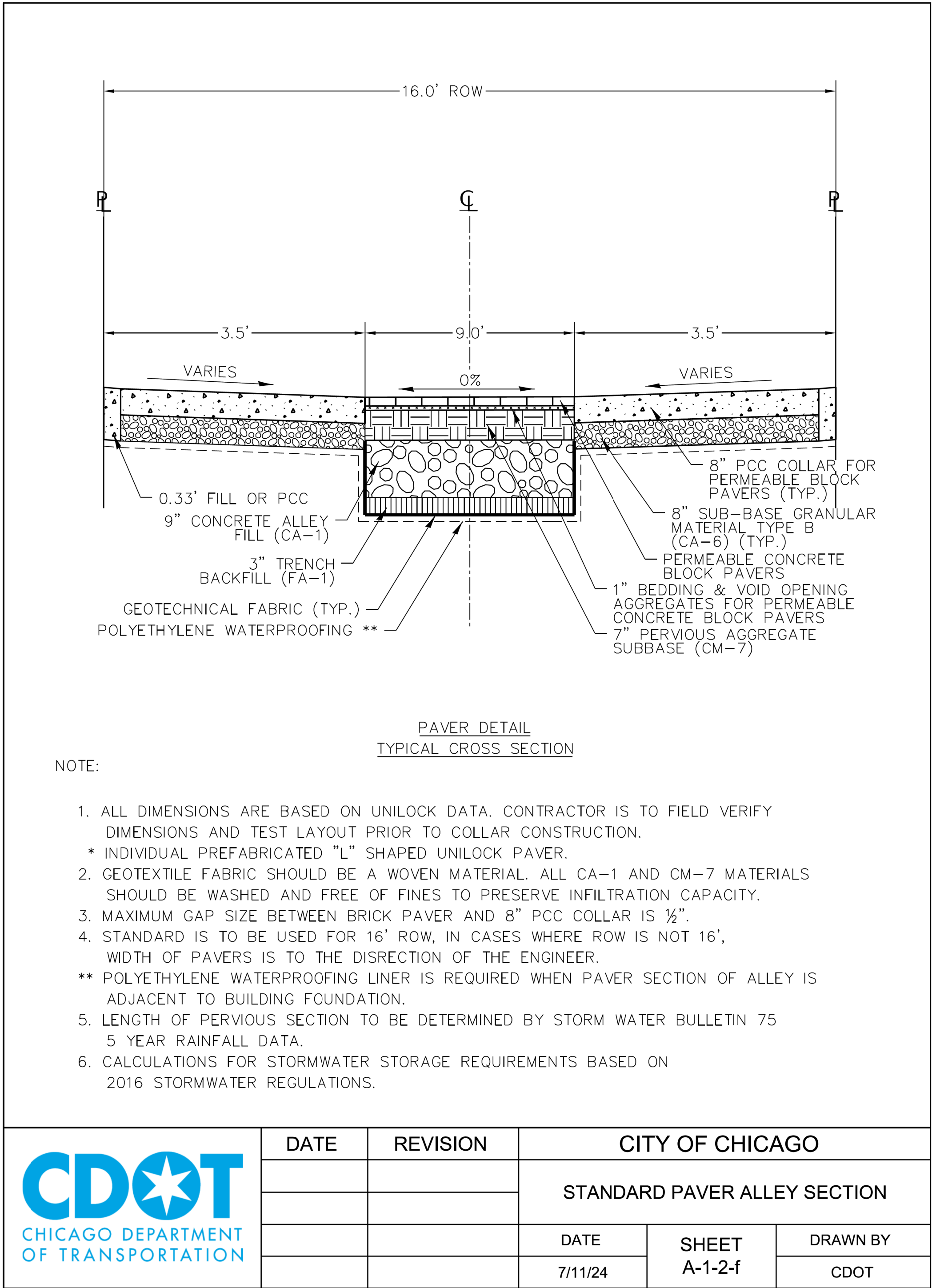
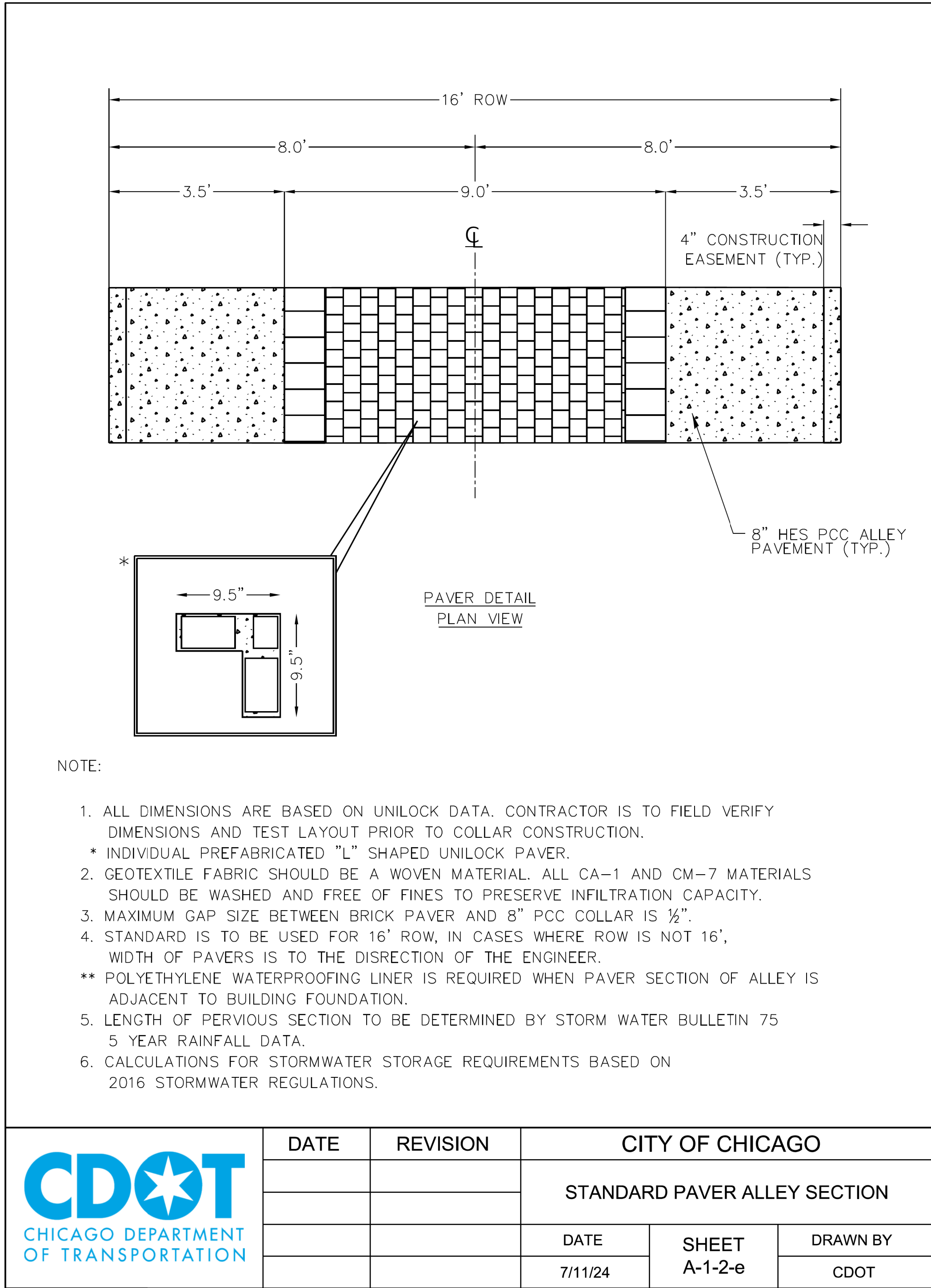
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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSLIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #122194	COOK	25	16
STA. TO STA.	SCALE:		

MODEL: Default
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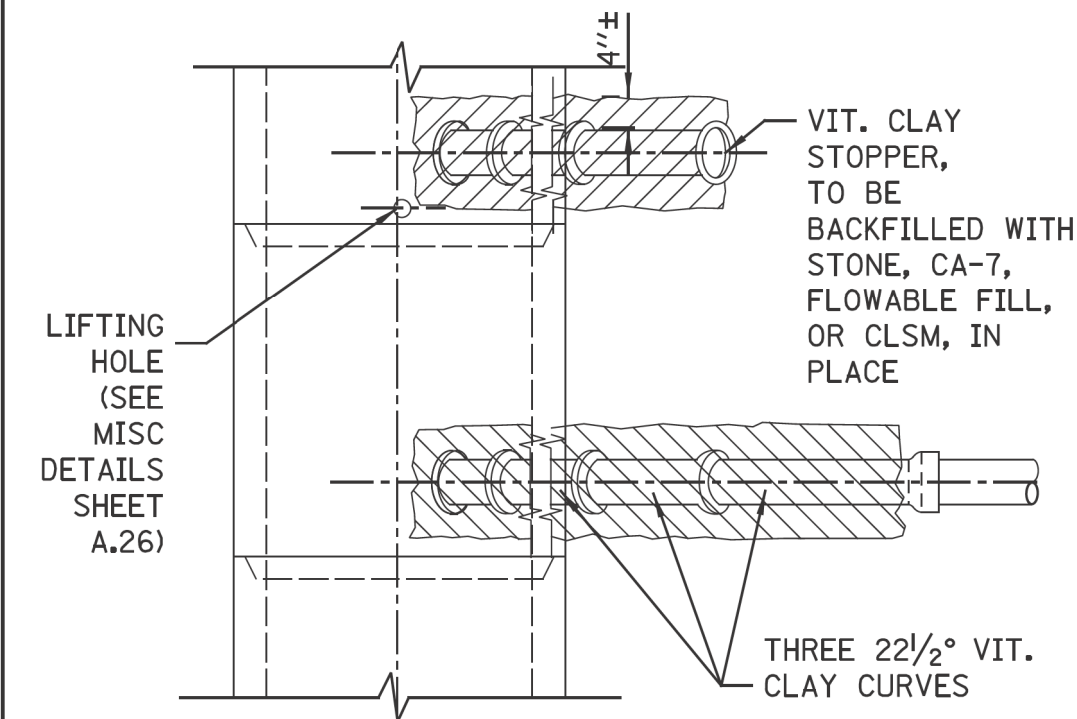


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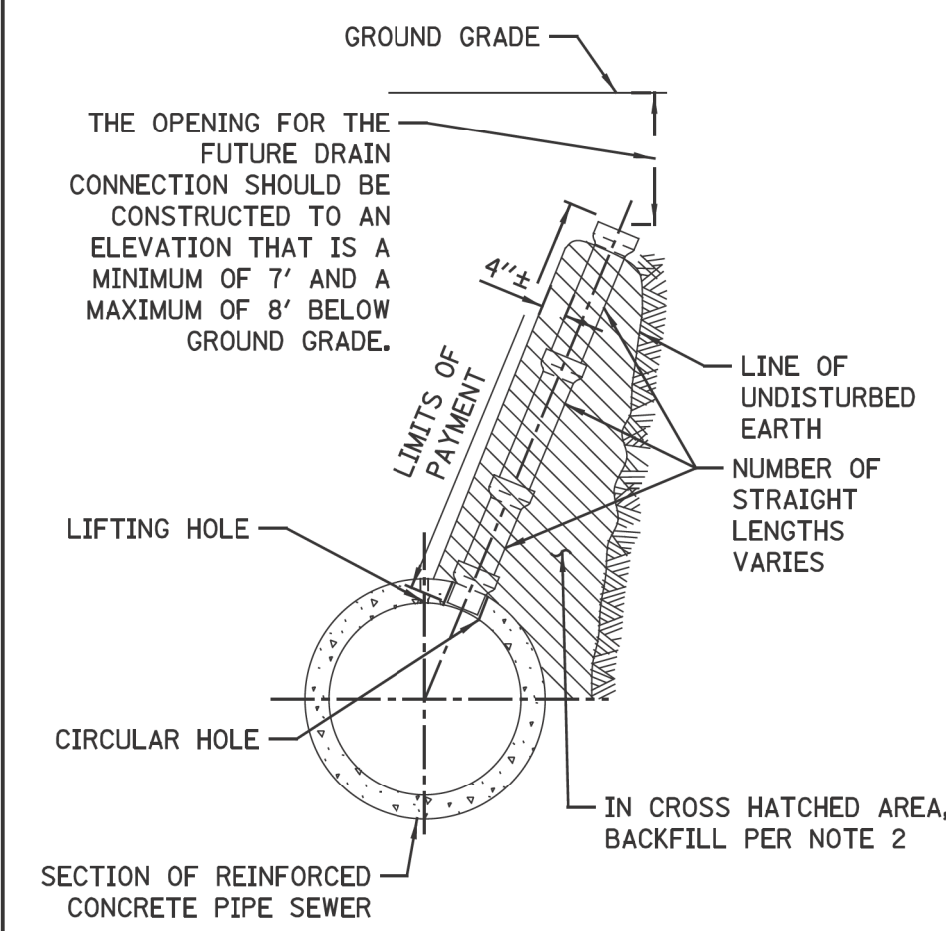
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSLIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

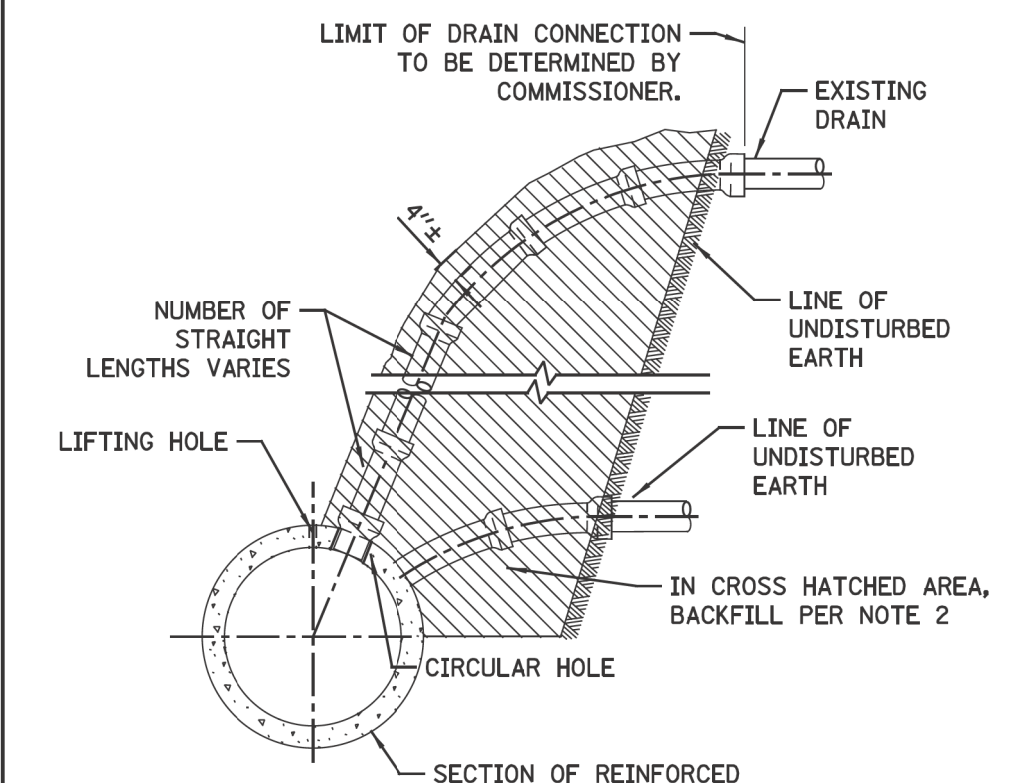
OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #122194	COOK	25	17
STA.	TO STA.	SCALE:	



PLAN



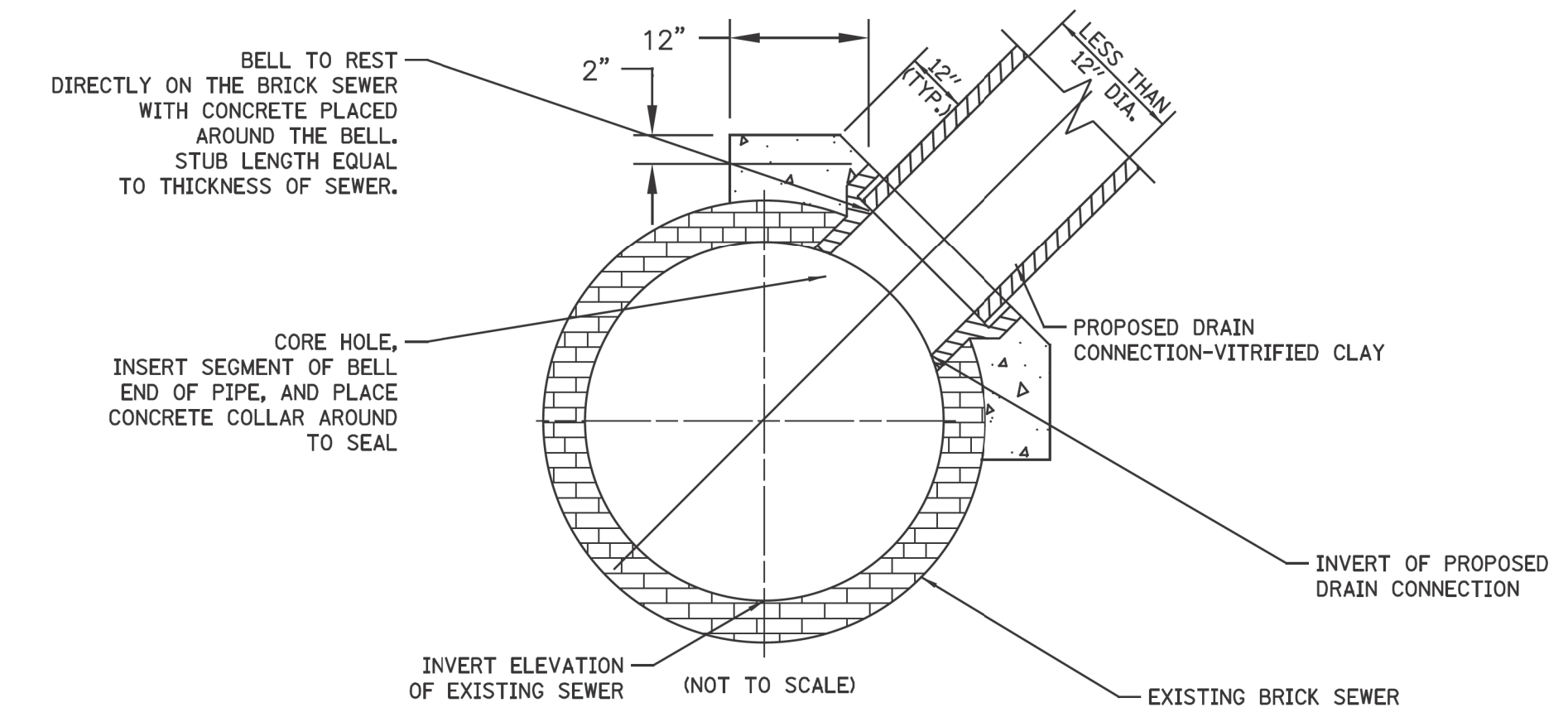
ELEVATION
TYPICAL DRAIN STACKS
FOR FUTURE USE



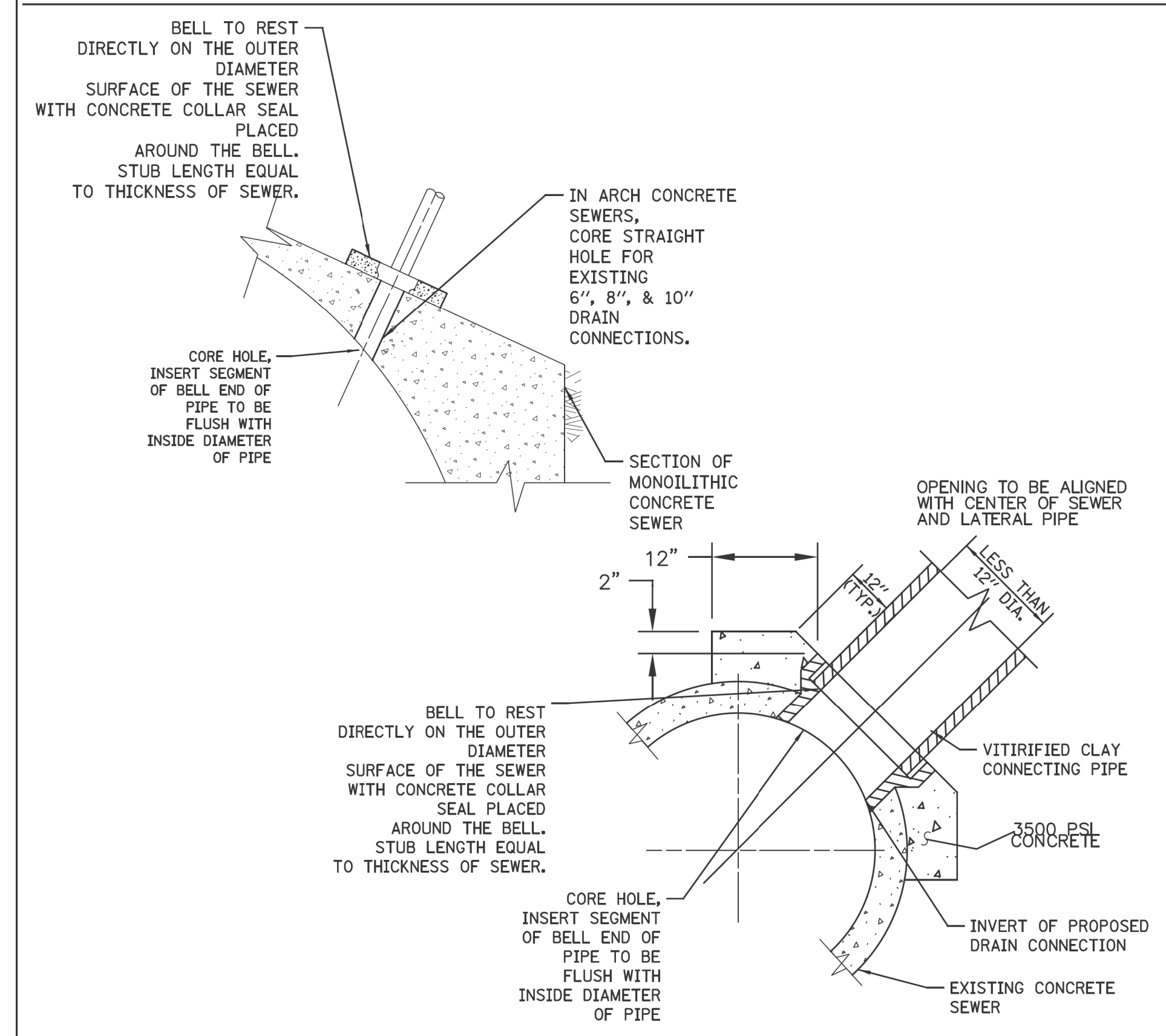
ELEVATION
TYPICAL DRAIN CONNECTIONS
FOR EXISTING DRAINS

FOR CONCRETE SEWERS

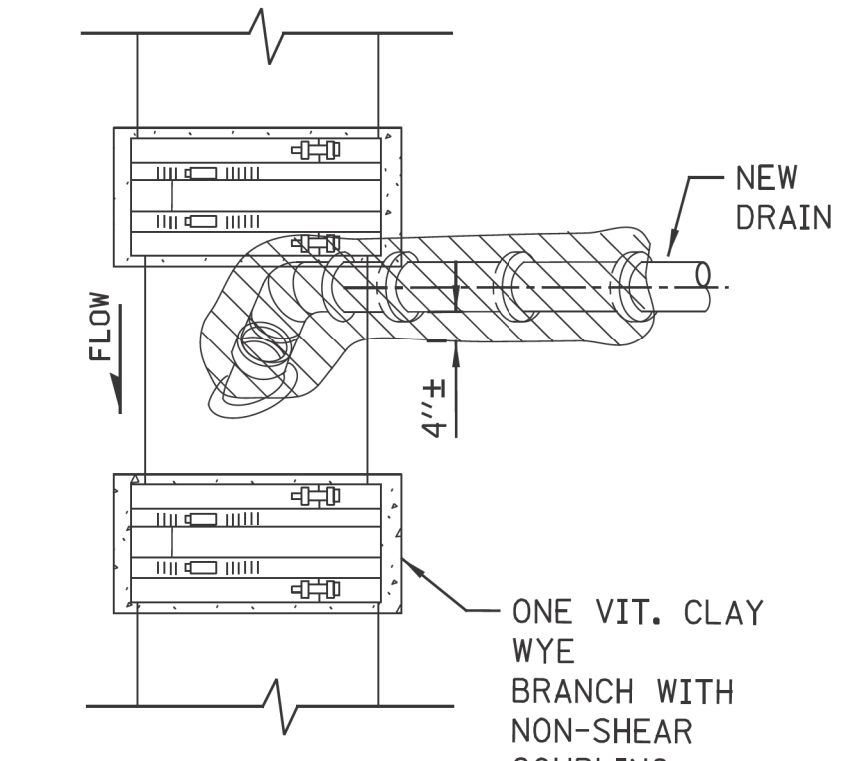
- NOTES:
1. ALL DRAIN CONNECTION JOINTS MUST BE MADE AS SPECIFIED IN SPECIFICATIONS..
 2. FOR BACKFILL OF HATCHED SUPPORT AREAS, USE CONCRETE, CA-11, FLOWABLE FILL, OR CLSM.
 3. CONNECTIONS TO CONCRETE/BRICK SEWERS SHALL BE A MINIMUM OF 4 FEET APART.



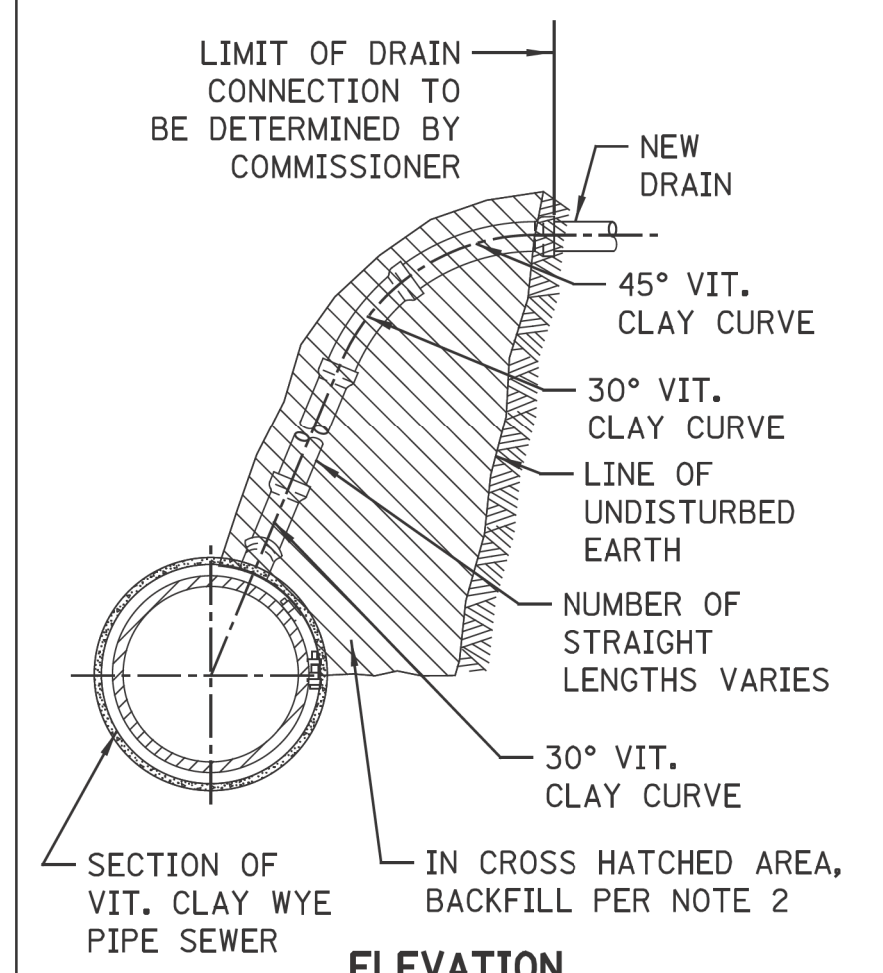
FOR BRICK SEWERS



FOR CONCRETE SEWERS

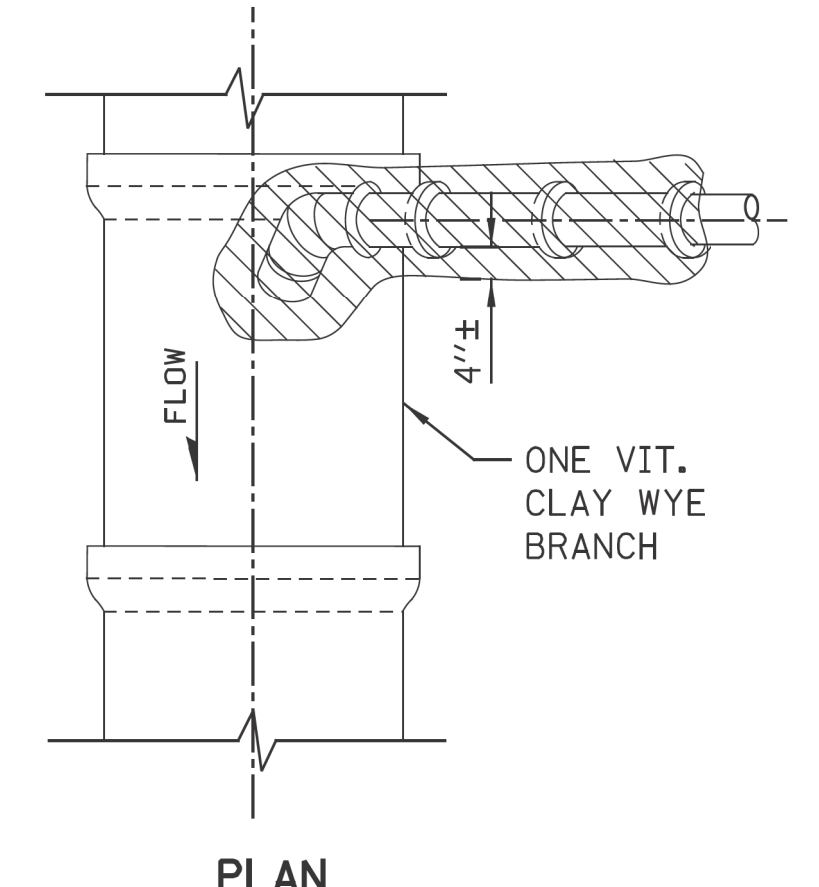


PLAN

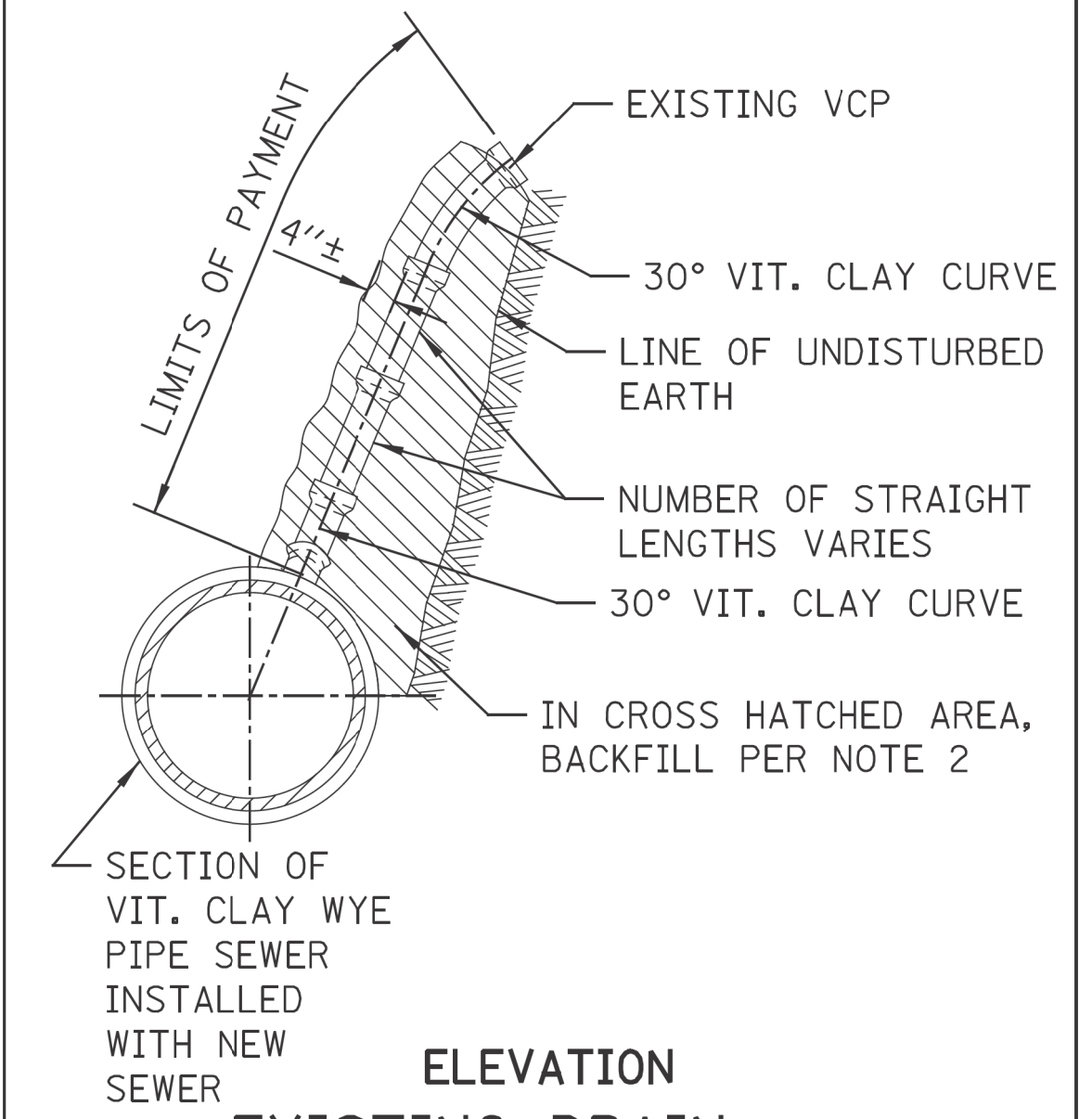


- NOTES:
- 1.. Maximum of 6", 8", and 10" drains connections can be cored into minimum 12", 15", and 18" VCP sewers, respectively. All other sizes use new wyes with non-shear couplings encased in concrete.
 - 2.The Installation of wye connections on lined sewers need prior approval from DWM

NEW DRAIN CONNECTION
TO EXISTING VCP
SEWER



PLAN



ELEVATION
EXISTING DRAIN
CONNECTION TO NEW
SEWER MAIN

FOR VITRIFIED CLAY SEWERS

STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN: <u>SBW</u> DESIGNED: <u> </u> CHECKED: <u> </u> REVIEWED: <u> </u>	A.1 ____ OF ____ PN ____
DATE	DESCRIPTION					
4/21/21	REVISED PLAN	30		VITRIFIED CLAY PIPE(VCP) DRAIN CONNECTIONS		
		60				
		75				
		90				
		100				
		BULLETIN				

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	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

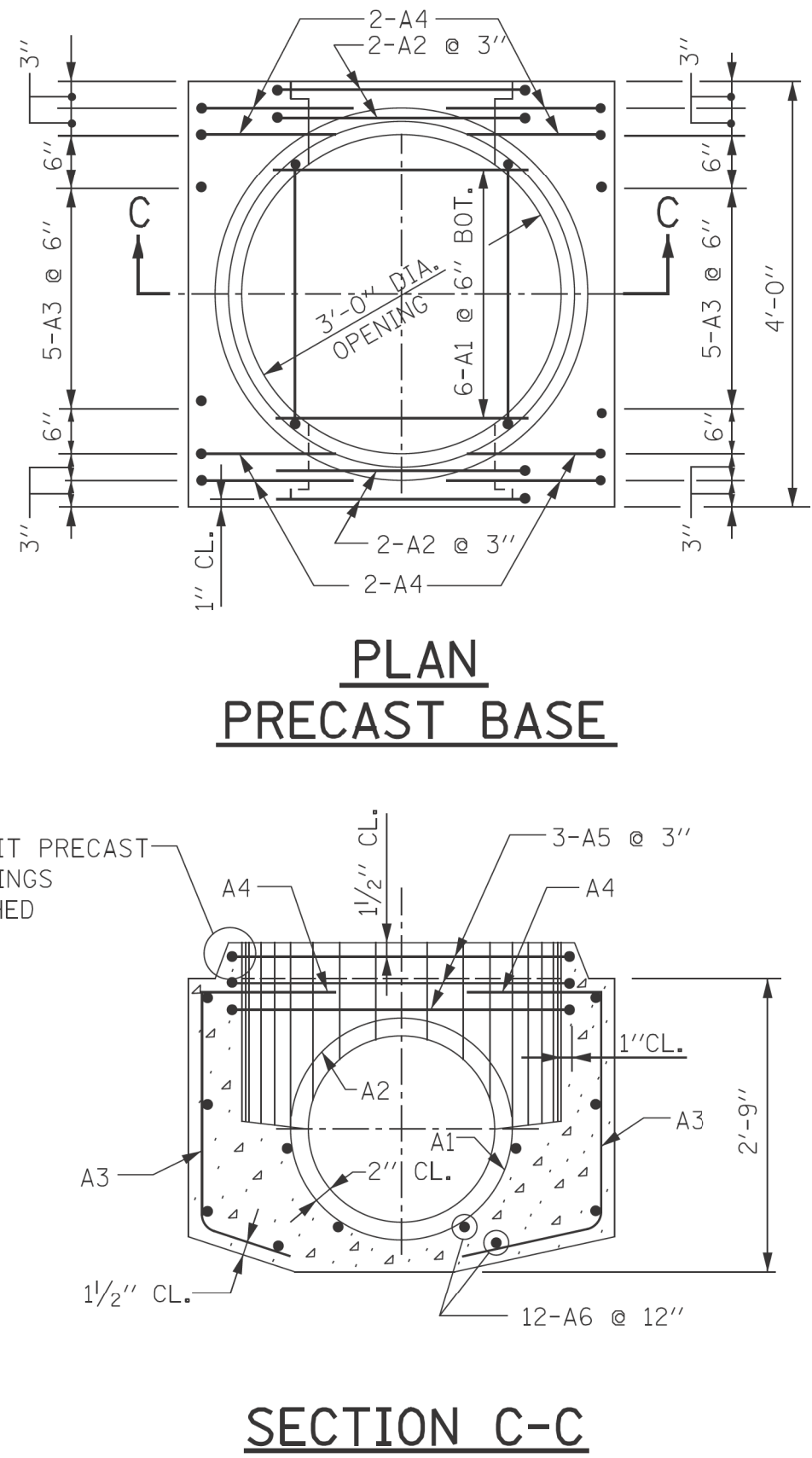
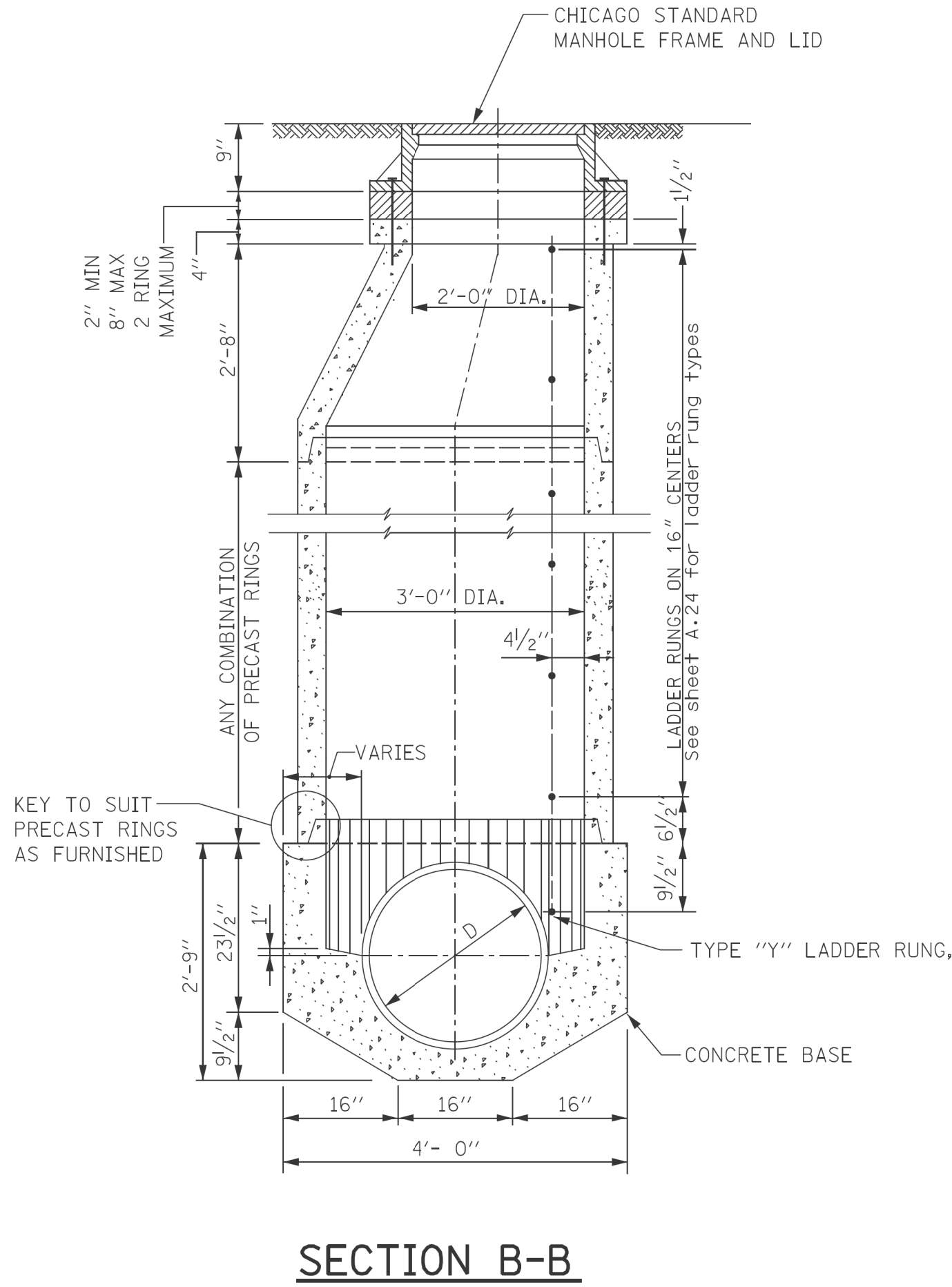
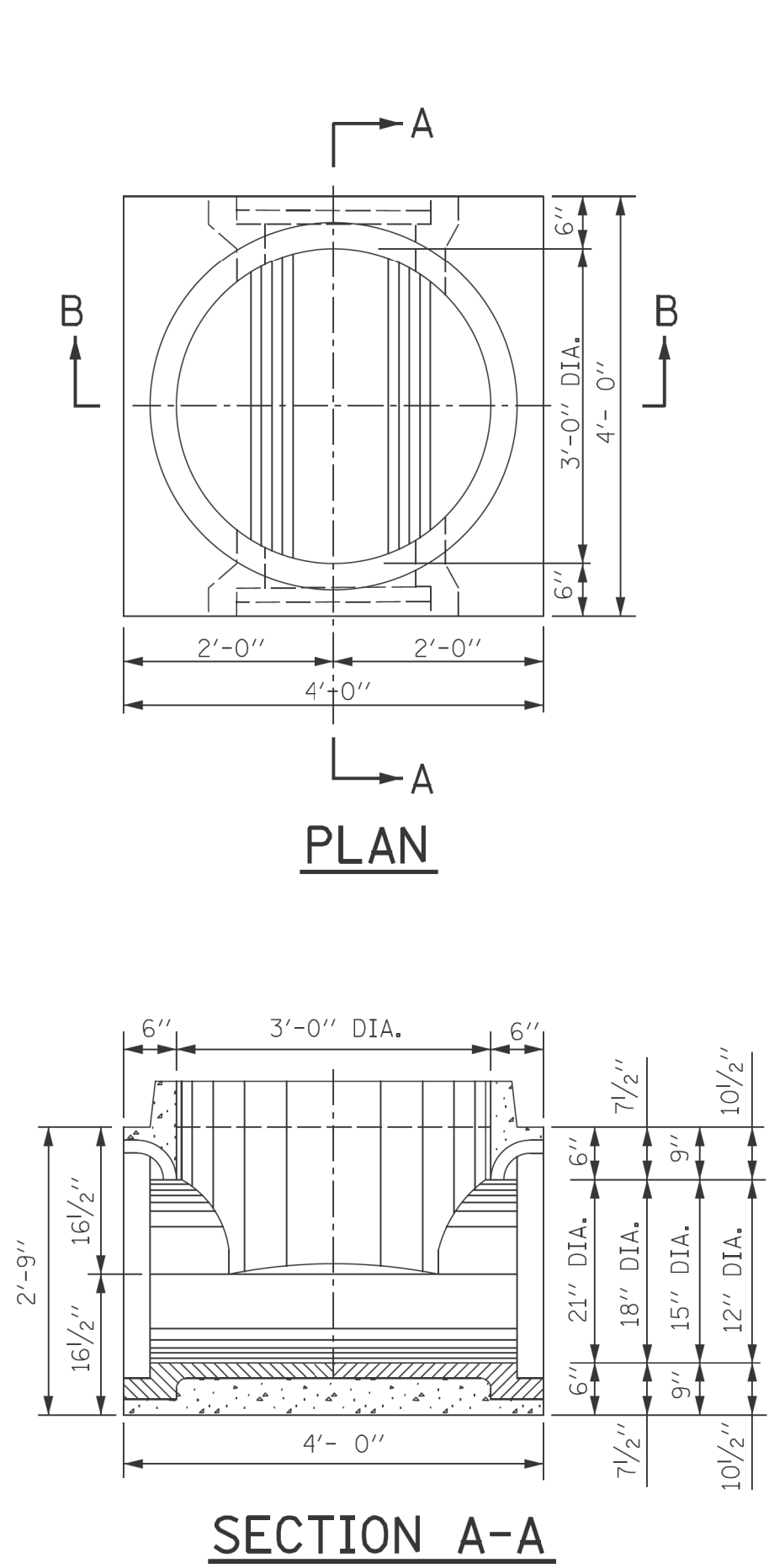
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

CDWM STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #122194	COOK	25	18
STA. TO STA.	SCALE:		

MODEL: Default
FILE NAME: 10_2025_PBC-Alley_Revisions2025Package 6(CADD Drawings)21-M17 W. Argyle St. & N. Hoyne Ave(CADD Sheets)21-M17-sht-dwm-2.dgn
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\$FILE\$
\$DATE\$



SCHEDULE OF REINFORCEMENT																				
STRUCTURE		REINFORCEMENT BAR						BENDING DIMENSIONS												
		MARK	SIZE NO.	TYPE	LENGTH	NO. RECD.	WEIGHT EACH	- LBS TOTAL	A	B	C	D	E	F	G	H	J	K	O	R
BASES FOR TYPE "A" MANHOLES (PRECAST)	21" DIA.	21A1	6	9	3'-1"	6	4.63	28		3'-1"						11 1/4"		2'-1"	12 3/4"	
		21A2	6	T3	8'-8"	4	13.02	52										2'-0"	2'-1 1/2"	
		21A3	5	12	3'-3"	10	3.39	34			22"	17"				14 1/2"		8 3/4"		
		21A4	5	12	4'-6"	8	4.69	38		15"	22"	17"				14 1/2"		8 3/4"		
		21A5	5	T3	11'-11"	3	12.43	37										20"	3'-3 1/4"	
		21A6	4	STR	3'-8"	12	2.45	30												
		TOTAL						219												
	18" DIA.	18A1	6	9	2'-8 1/2"	6	4.07	24		2'-8 1/2"							9 3/4"		22"	11 1/4"
		18A2	6	T3	7'-10 1/2"	4	11.83	47										2'-0"	22 1/2"	
		18A3	5	12	3'-3"	10	3.39	34			22"	17"				14 1/2"		8 3/4"		
		18A4	5	12	4'-6"	8	4.69	38		15"	22"	17"				14 1/2"		8 3/4"		
		18A5	5	T3	11'-11"	3	12.43	37										2'-0"	3'-3 1/4"	
		18A6	4	STR	3'-8"	12	2.45	30												
		TOTAL						202												
	15" DIA.	15A1	6	9	2'-3 1/2"	6	3.44	21		23 1/2"							8 1/4"		19"	9 3/4"
		15A2	6	T3	7'-1"	4	10.64	42										2'-0"	19 1/2"	
		15A3	5	12	3'-3"	10	3.39	34			22"	17"						8 3/4"		
		15A4	5	12	4'-6"	8	4.69	38		15"	22"	17"				14 1/2"		8 3/4"		
		15A5	5	T3	11'-11"	3	12.43	37								14 1/2"		20"	3'-3 3/4"	
		15A6	4	STR	3'-8"	12	2.45	30												
		TOTAL						202												
	12" DIA.	12A1	6	9	1'-11"	6	2.88	17		23"							6 3/4"		16"	8 1/4"
		12A2	6	T3	6'-1"	4	9.14	37										2'-0"	16 1/2"	
		12A3	5	12	3'-3"	10	3.39	34			22"	17"				14 1/2"		8 3/4"		
		12A4	5	12	4'-6"	8	4.69	38			22"	17"				14 1/2"		8 3/4"		
		12A5	5	T3	11'-11"	3	12.43	37										20"	3'-3 1/4"	
		12A6	4	STR	3'-8"	12	2.45	30												
	TOTAL						193													

STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN: <div>DESIGNED: <div>CHECKED: <div>REVIEWED: <div>_____ OF _____ PN _____</div></div></div></div>	A.6
DATE	DESCRIPTION					
9/5/17	REVISION	30		TYPE "A" PRECAST MANHOLE FOR SEWERS 21" DIA. AND SMALLER		
		60				
		75				
		90				
		100				
		BULLETIN				



USER NAME = AB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

CDWM STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #122194	COOK	25	19
STA. TO STA.	SCALE:		

Two cross-sectional diagrams of manhole structures, labeled (a) and (b), showing different configurations for manhole construction.

Diagram (a) - Left:

- Top:** CHICAGO FRAME & LID. Note: Positive Summit for Drainage. 4" MAXIMUM (TYP).
- Structure:** PRECAST CONCRETE ADJUSTMENT RING. 2" MIN 8" MAX 2 RING MAXIMUM. 2'-0" DIA.
- Internal:** PRECAST REINF. CONC. OFFSET CONE. SWIRL CHAMBER. VORTEX or ORIFICE RESTRICTOR (SEE MISC DETAILS SHEET A.26).
- Bottom:** SUMP 3'-4". 4'-0" DIA. PRECAST REINFORCED BASE AND RISER WITH MINIMUM 6" EMBEDMENT.
- Other Labels:** 8" VIT. CLAY, 1' VERTICAL HALF TRAP. #5 DOWEL BAR @ CONSTRUCTION JOINT. TYPE B CURB & GUTTER Per CDOT Details. 1/2" ROUND TIE BARS 30" LONG, 30" C/C.

Diagram (b) - Right:

- Top:** CHICAGO FRAME & LID. Note: Positive Summit for Drainage. 4" MAXIMUM (TYP).
- Structure:** PRECAST CONCRETE ADJUSTMENT RING. 2" MIN 8" MAX 2 RING MAXIMUM. 2'-0" DIA.
- Internal:** PRECAST REINF. CONC. OFFSET CONE. VORTEX or ORIFICE RESTRICTOR (SEE MISC DETAILS SHEET A.26).
- Bottom:** SUMP 3'-10". 3'-0" DIA. PRECAST REINFORCED BASE AND RISER WITH MINIMUM 6" EMBEDMENT.
- Other Labels:** 8" VIT. CLAY, 1' VERTICAL HALF TRAP. TYPE B-V.12 CURB AND GUTTER Per CDOT Details. 2-#7 DEFORMED BARS. 2" MIN 8" MAX 2 RING MAXIMUM.

STANDARD CATCH BASIN-3' DIA.

CHICAGO
FRAME & LID

2" MIN
8" MAX
2 RING
MAXIMUM

2'-0" DIA.

2'-10"

7'-4"

4'-6"

4'-0" DIA.

5'

5"

PRECAST REINFORCED BASE AND
RISER WITH MINIMUM 6" EMBEDMENT

INFLOW PIPE INVERT

NOTE: THE INVERT ON INFLOW PIPE
OR UNDERDRAIN MUST BE AT
OR ABOVE THE HALF-TRAP
ELEVATION-A

PRECAST CONCRETE
ADJUSTMENT RING

8" VIT. CLAY
HALF TRAP

ELEVATION A

MIN. SUMP
3'-4"
W/DIRECT
SURFACE
RUNOFF

2'-0" W/O
DIRECT
SURFACE
RUNOFF

SUMP

ORIFICE RESTRICTOR
(SEE MISC
DETAILS
SHEET A.26)

GENERAL NOTES:

1. CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.
2. IF $B < 4$ FEET, THEN USE A FLAT TOP SLAB CATCH BASIN AS NECESSARY.
3. FOR TRENCH BACKFILL, REFER TO IDOT SSRBC, ARTICLE 1003.04.
4. FOR GRANULAR EMBEDMENT, USE CA-11, CRUSHED GRAVEL, CRUSHED STONE, OR CRUSHED CONCRETE.
5. FOR STABILIZATION STONE, 12" OF CA-1 STONE IS ONLY REQUIRED WHEN UNSTABLE MATERIAL IS ENCOUNTERED AT TRENCH BOTTOM.
6. INLETS AND 3' DIAMETER CATCH BASINS ARE TO BE USED ONLY WITH PRIOR APPROVAL OF THE DEPT OF WATER MANAGEMENT- ENGINEERING SERVICES, SEWER SECTION, AND THE DEPT. OF BUILDINGS STORMWATER REVIEWER.
7. IF COVER OVER VCP IS LESS THAN 3', USE 45 DEGREE DIP BENDS WITH 1 FOOT DROP AS HALF TRAPS AS NEEDED FOR IEPA CLEARANCE REQUIREMENTS

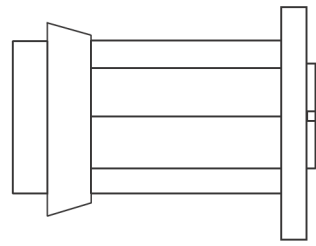


STANDARD REVISIONS	
DATE	DESCRIPTION
2/5/21	APPROVED
_____	_____
_____	_____
_____	_____

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

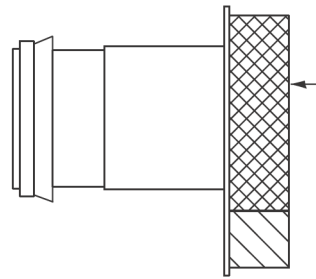
CITY OF CHICAGO		DRAWN _____	A.22
DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		CHECKED _____	
DRAINAGE STRUCTURE DETAILS		REVIEWED _____	
		_____ OF _____	
		PN _____	

DRAINAGE STRUCTURES
RESTRICTORS



ORIFICE RESTRICTOR

INSERT THE RESTRICTOR INTO THE HALF-TRAP. UPON TIGHTENING OF THE CENTER NUT ON THE FACE OF THE RESTRICTOR, THE RUBBER O-RINGS WILL EXPAND INSIDE THE HALF TRAP, PROVIDING A WATER- TIGHT SEAL. PULL ON RESTRICTOR TO VERIFY THAT A TIGHT FIT IS MADE.



VORTEX RESTRICTOR

PULL ON RESTRICTOR TO VERIFY THAT A TIGHT FIT IS MADE.

INSERT THE RESTRICTOR WITH THE OPENING DOWN. UPON TIGHTENING OF THE 2 BOLTS ON THE FACE OF THE RESTRICTOR, THE RUBBER O-RINGS WILL PROVIDE A WATER- TIGHT SEAL.

GENERAL NOTES:

- CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.
- IF B < 4 FEET, THEN USE A DUCTILE IRON PIPE HALF TRAP AND FLAT TOP SLAB CATCH BASIN AS NECESSARY.
- INLETS AND 3' DIAMETER CATCH BASINS ARE TO BE USED ONLY WITH PRIOR APPROVAL OF DWM FIELD INSPECTOR.

RESTRICTOR NOTES:

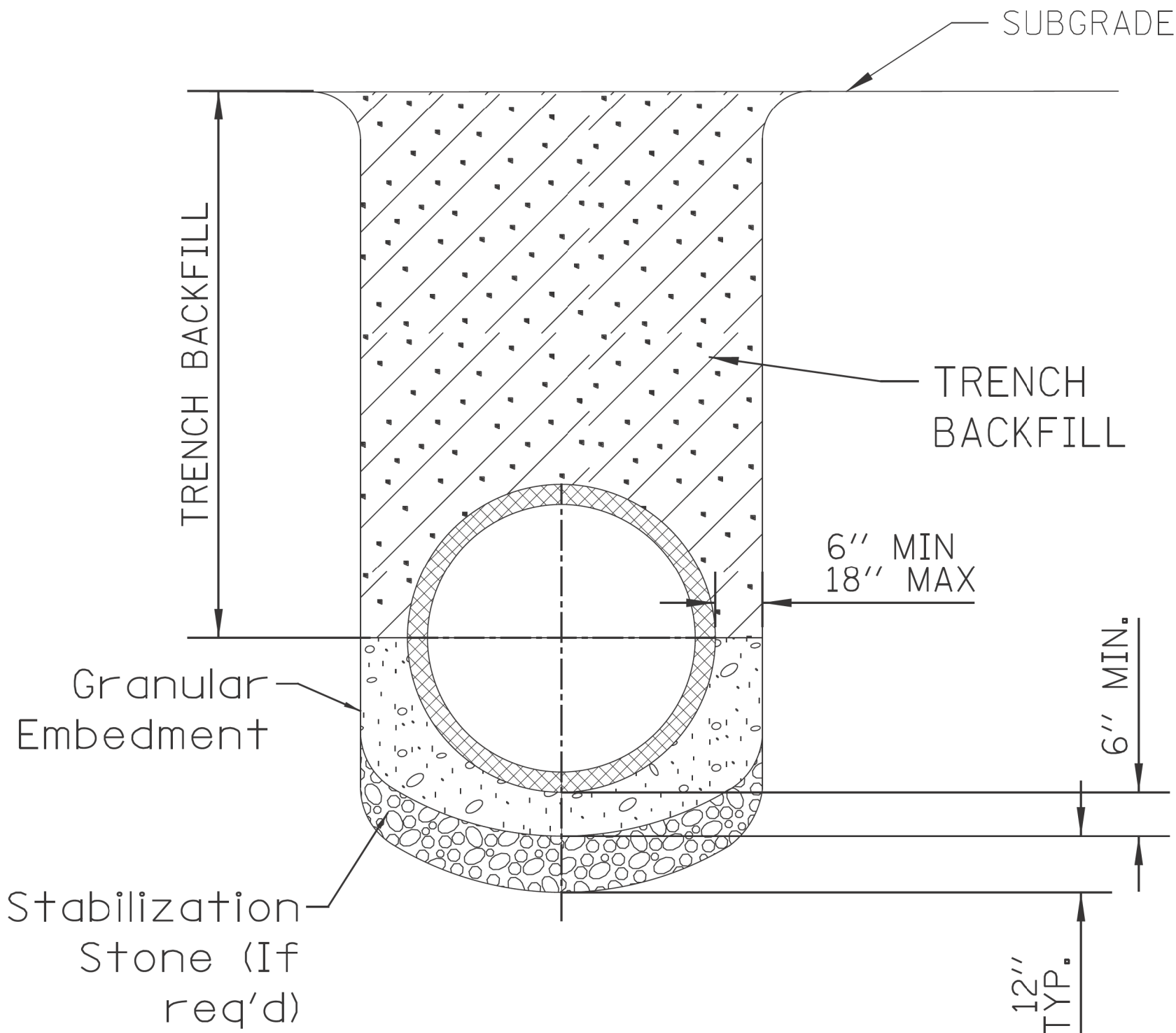
THE DWM'S RAIN BLOCKER RESTRICTOR PROGRAM MUST BE MAINTAINED WITH ANY ROADWAY IMPROVEMENT.

THE DESIGN OF ANY ROADWAY IMPROVEMENT MUST CONSIDER LIMITING THE NUMBER OF CATCH BASINS TO THE EXTENT PRACTICAL. THE NUMBER OF EXISTING STRUCTURES SHOULD NOT BE INCREASED.

THE RESTRICTORS CAN BE OBTAINED FROM DWM CENTRAL DISTRICT AT 3901 S. ASHLAND AVE. THE CONTRACTOR SHOULD ARRANGE FOR PICK UP BY CONTACTING 312-747-8736 (7AM TO 3PM, M-F). CONTRACTOR MUST CALL 48 HOURS IN ADVANCE OF PICK UP DATE AND TIME.

FLOW RESTRICTORS MUST BE INSTALLED IN ALL CATCH BASINS OUTSIDE OF THE CENTRAL BUSINESS DISTRICT(LIMITS: NORTH AVE, CERMAK AVE, HALSTED AVE, LAKE MICHIGAN). RESTRICTORS MUST NOT BE INSTALLED IN CATCH BASINS IN CLOSE PROXIMITY TO VIADUCT AREAS, BUS STOPS, OR EMERGENCY ENTRANCES. THE DWM MUST APPROVE THE NON-INSTALLATION OR REMOVAL OF ANY RESTRICTOR. REQUIREMENTS FOR RESTRICTOR INSTALLATION ARE AS FOLLOWS:

- *ARTERIAL STREETS: 3-INCH ORIFICE RESTRICTOR
- *BUS ROUTES: 3-INCH ORIFICE RESTRICTOR
- *RESIDENTIAL STREETS: 3-INCH VORTEX RESTRICTOR
- *ALLEYS: 3-INCH ORIFICE RESTRICTOR IN THE LAST CB.
- *CLOSED LIDS ARE REQUIRED ON ALL MANHOLES EXCEPT AT INTERSECTIONS WHERE A PERFORATED LID SHALL BE USED.

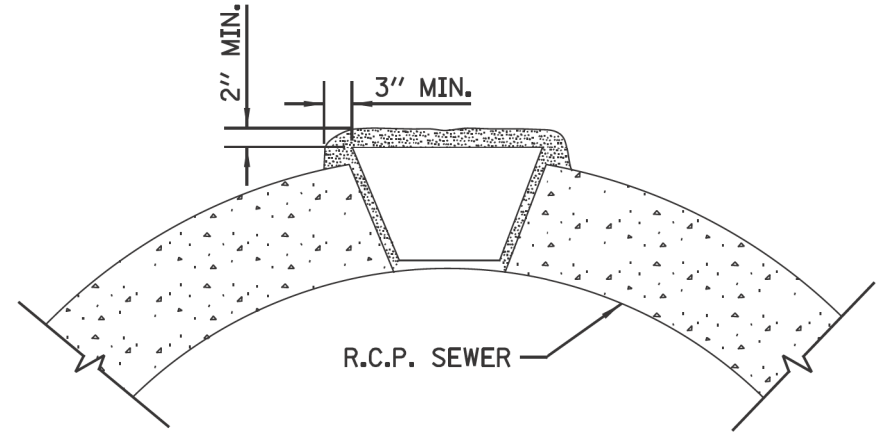


NOTE:

- FOR TRENCH BACKFILL, REFER TO IDOT SSRBC, ARTICLE 1003.04.
- FOR GRANULAR EMBEDMENT, USE CA-11, CRUSHED GRAVEL, CRUSHED STONE, OR CRUSHED CONCRETE.
- FOR STABILIZATION STONE, 12" OF CA-1 STONE IS ONLY REQUIRED WHEN UNSTABLE MATERIAL IS ENCOUNTERED AT TRENCH BOTTOM.
- AGGREGATE PLACED FOR TEMPORARY SURFACE RESTORATION WILL NOT BE PAID SEPARATELY AND SHALL BE INCIDENTAL TO THE CONTRACT.

SEWER TRENCH DETAIL

NOTE:
PLUG TO BE COATED WITH MORTAR AND DRIVEN INTO PLACE WITH A WOODEN MALLET AND THEN SEALED WITH MORTAR.



LIFTING HOLE PLUG DETAIL
FOR CONCRETE PIPE

NOTE:

- ALL PLUG MATERIALS MUST COMPLY WITH 1042.16 OF THE IDOT SSRBC.
- LIFT HOLES ON COMBINED SEWERS ARE PROHIBITED WHEN THE WATER TABLE IS WITHIN 2 FEET OF THE PIPE INVERT, OR IF THE PIPE IS FULLY SUBMERGED UNDER NORMAL CONDITIONS.

\$FILE\$
\$DATE\$

STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN: <u>SRW</u> DESIGNED: _____ CHECKED: <u>GD, GC, SO</u> REVIEWED: _____ ____ OF ____ PN _____	A.26
DATE	DESCRIPTION					
2/5/21	APPROVED PLAN	30		MISCELLANEOUS DETAILS		
		60				
		75				
		90				
		100				
		BULLETIN				

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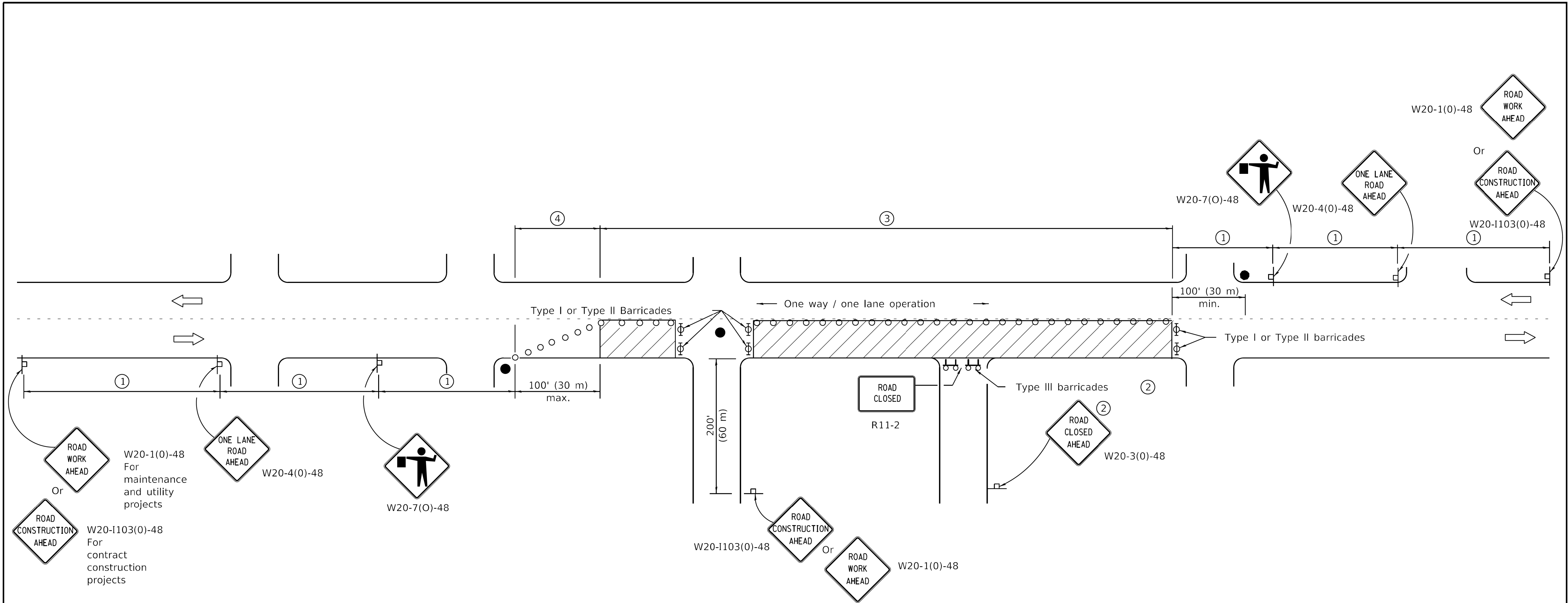
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PLOT DATE	= 7/1/2025	DATE	- 07/01/2025	ISSUED FOR BID	- 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

CDWM STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSLIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #122194	COOK	25	22
STA. TO STA.	SCALE:		

MODEL: Default
FILE NAME: 11/1/2025, Projects\Green Alley\0_PBC Alley Revisions\2025\Package 6\CADD Drawings\21-M17 W. Argyle St. & N. Hoyne Ave\CADD Sheets\21M17-shb-608-1.dgn



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved sideroad closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation	
PASSED	January 1, 2011
ENGINEER OF SAFETY ENGINEERING	
APPROVED	January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT	

ISSUED 1-1-97

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).
	Corrected sign No.'s.

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06



USER NAME	= AB
PLOT SCALE	= 10.0000 " / in.
PLOT DATE	= 7/1/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	- 07/01/2025

REVISED	-
REVISED	-
REVISED	-
ISSUED FOR BID	- 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

IDOT STANDARD DETAILS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

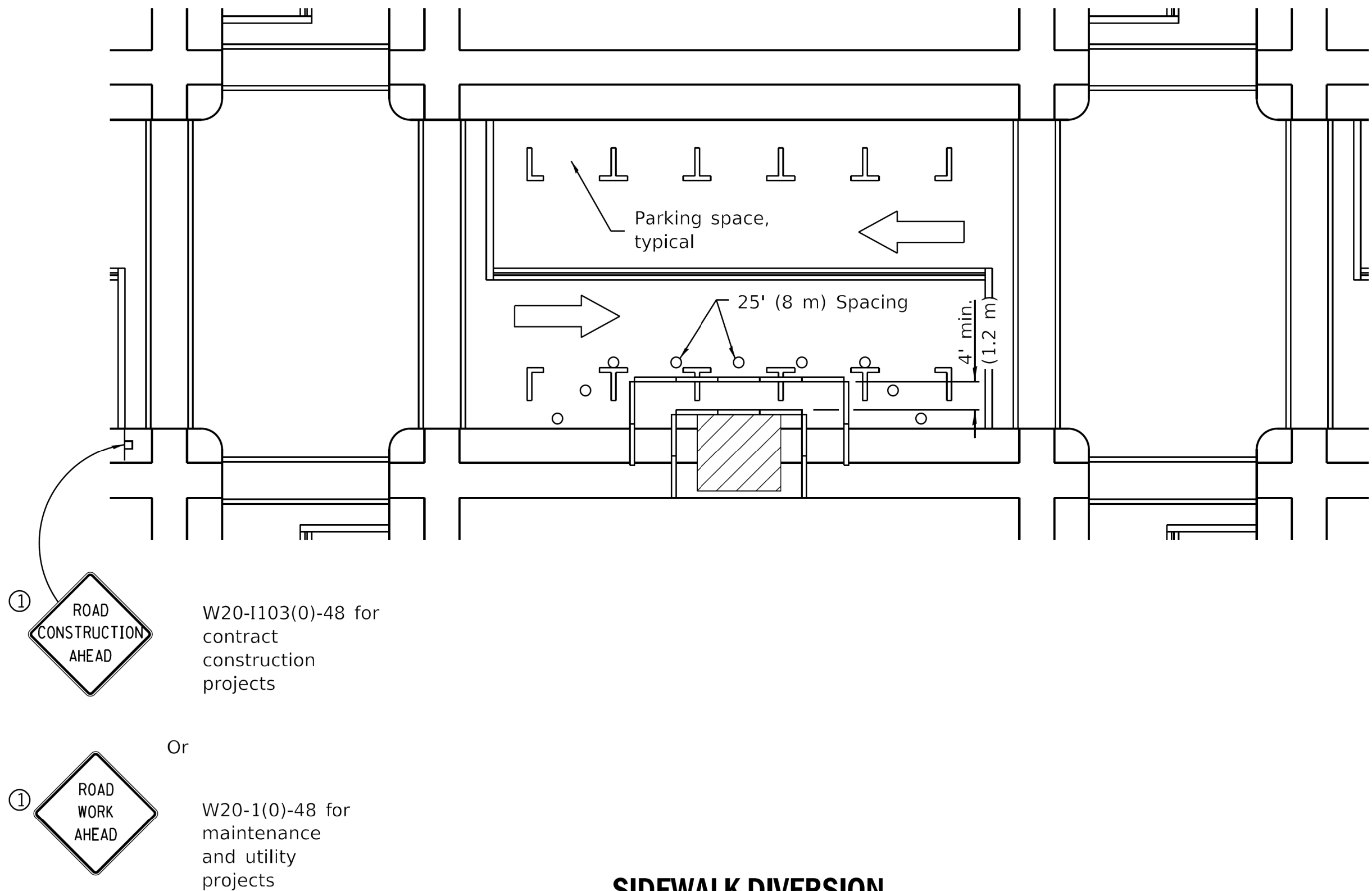
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OUC IR #122194	COOK	25	23
STA.	TO STA.	SCALE:	

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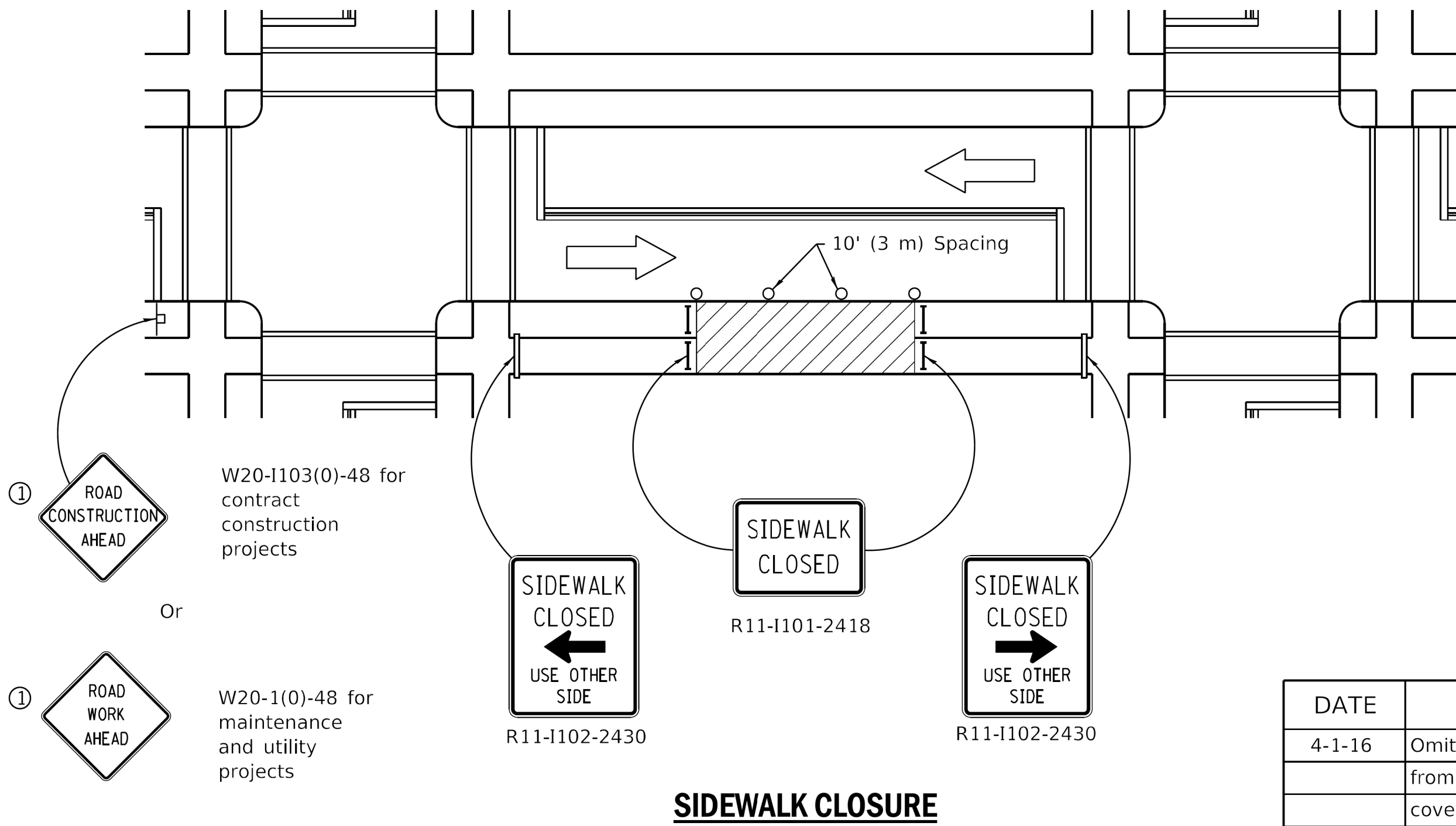
Illinois Department of Transportation	
PASSED <u>April 1, 2016</u>	ISSUED 1-1-97
ENGINEER OF SAFETY ENGINEERING	
APPROVED <u>April 1, 2016</u>	
ENGINEER OF DESIGN AND ENVIRONMENT	

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade



SIDEWALK DIVERSION



SIDEWALK CLOSURE

① Omit whenever duplicated by road work traffic control.

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
4-1-16	Omitted orange safety fence
	from standard as this is
	covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of
	plan views. Renamed Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06



USER NAME	= AB
PLOT SCALE	= 10.0000 " / in.
PLOT DATE	= 7/1/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	- 07/01/2025

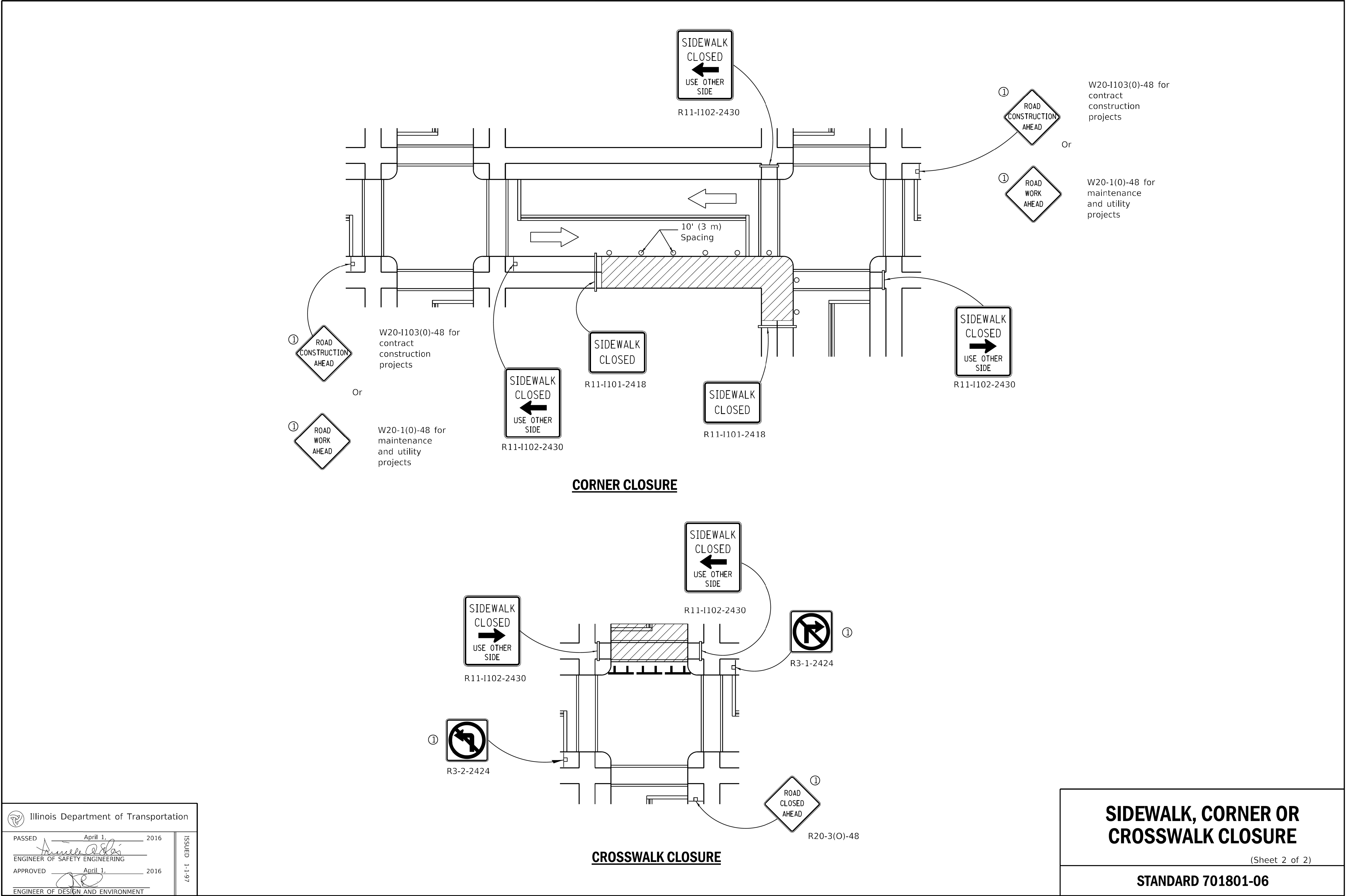
REVISED	-
REVISED	-
REVISED	-
ISSUED FOR BID	- 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
40th WARD

IDOT STANDARD DETAILS
PBC PROJECT NO # 22925
W. ARGYLE STREET - W. AINSLIE STREET
N. HOYNE AVENUE - N. SEELEY AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR # 122194	COOK	25	24
STA. TO STA.	SCALE:		

MODEL: Default
FILE NAME: IL 2025 ProjectsGreen Alley\0_PBC Alley Revisions\2025Package 6\CADD Drawings\21-M17 W. Argyle St. & N. Hoyne Ave\CADD Sheets\21M17-shd-608-3.dgn



Illinois Department of Transportation	
PASSED April 1, 2016	ISSUED 1-1-97
ENGINEER OF SAFETY ENGINEERING	
APPROVED April 1, 2016	
ENGINEER OF DESIGN AND ENVIRONMENT	



USER NAME = AB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
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