

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

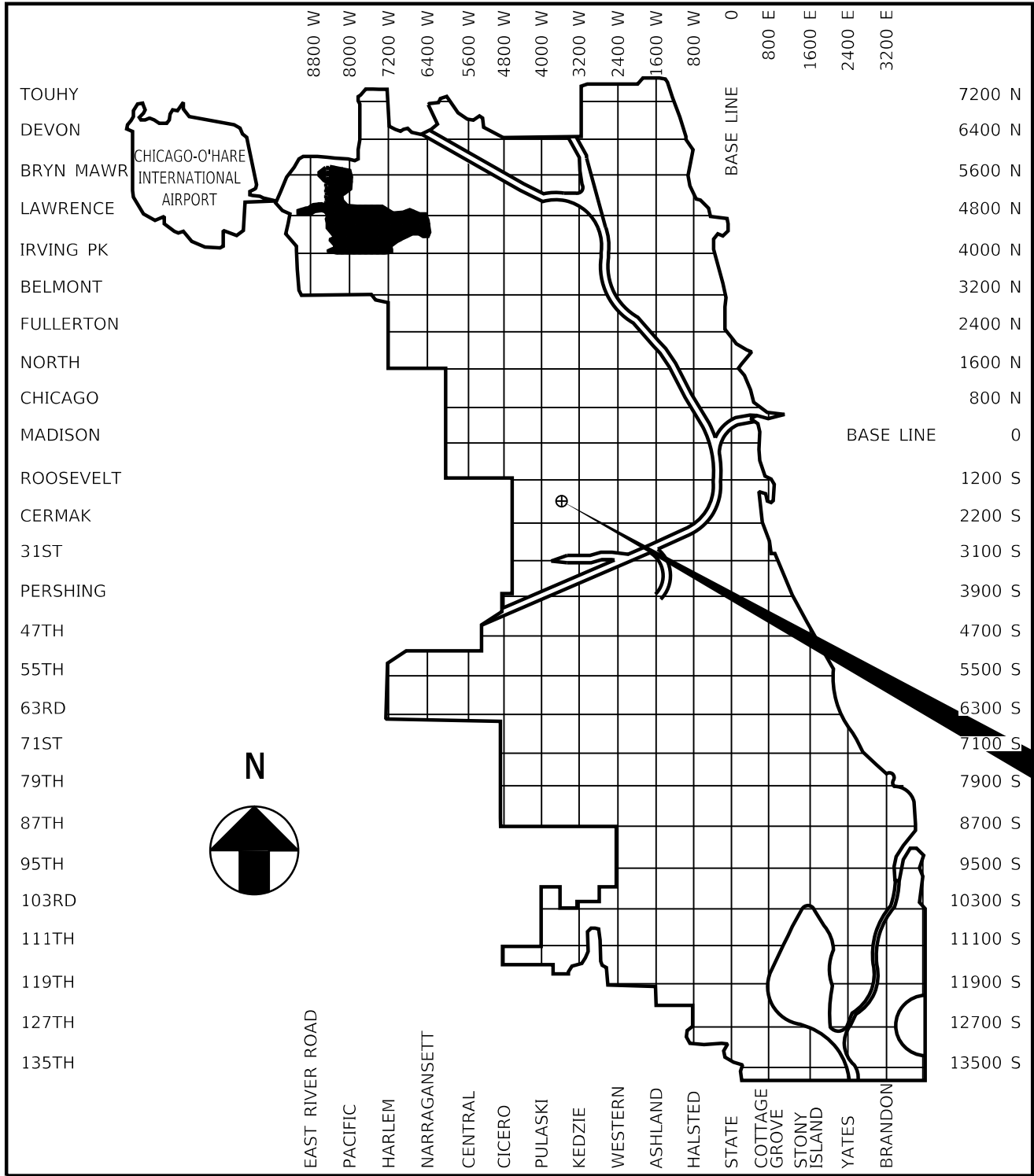
ABBREVIATION	DEFINITION
ASH	ASPHALT SPEED HUMP
CB	CATCH BASIN
DIP	DUCTILE IRON PIPE
HP	HIGH POINT
MH	MANHOLE
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT OF WAY
RSH	RUBBERIZED SPEED HUMP
TBM	TEMPORARY BENCHMARK
VCP	VITRIFIED CLAY PIPE

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.

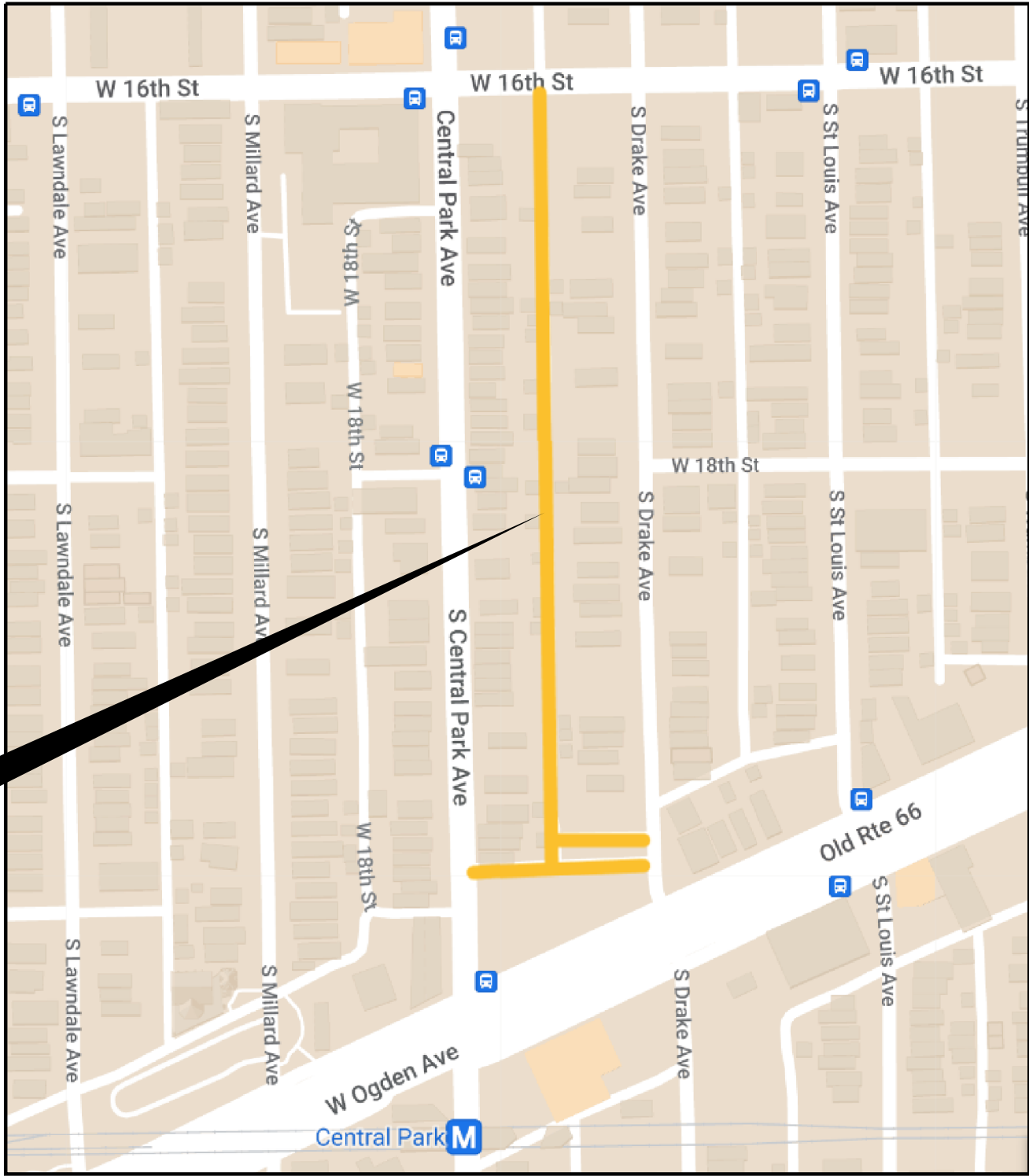
LICENSED ARCHITECT / LICENSED ENGINEER

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. 16TH STREET/W. OGDEN AVENUE
S. CENTRAL PARK AVENUE/S. DRAKE AVENUE
PBC CONTRACT NO.: C1627
CDOT PROJECT NO.: U-5-241
PBC PROJECT NO.: 22922
ISSUED FOR BID: 07/10/2025
CSR NO.: 2307164201
WARD 24



LOCATION MAP



INDEX MAP

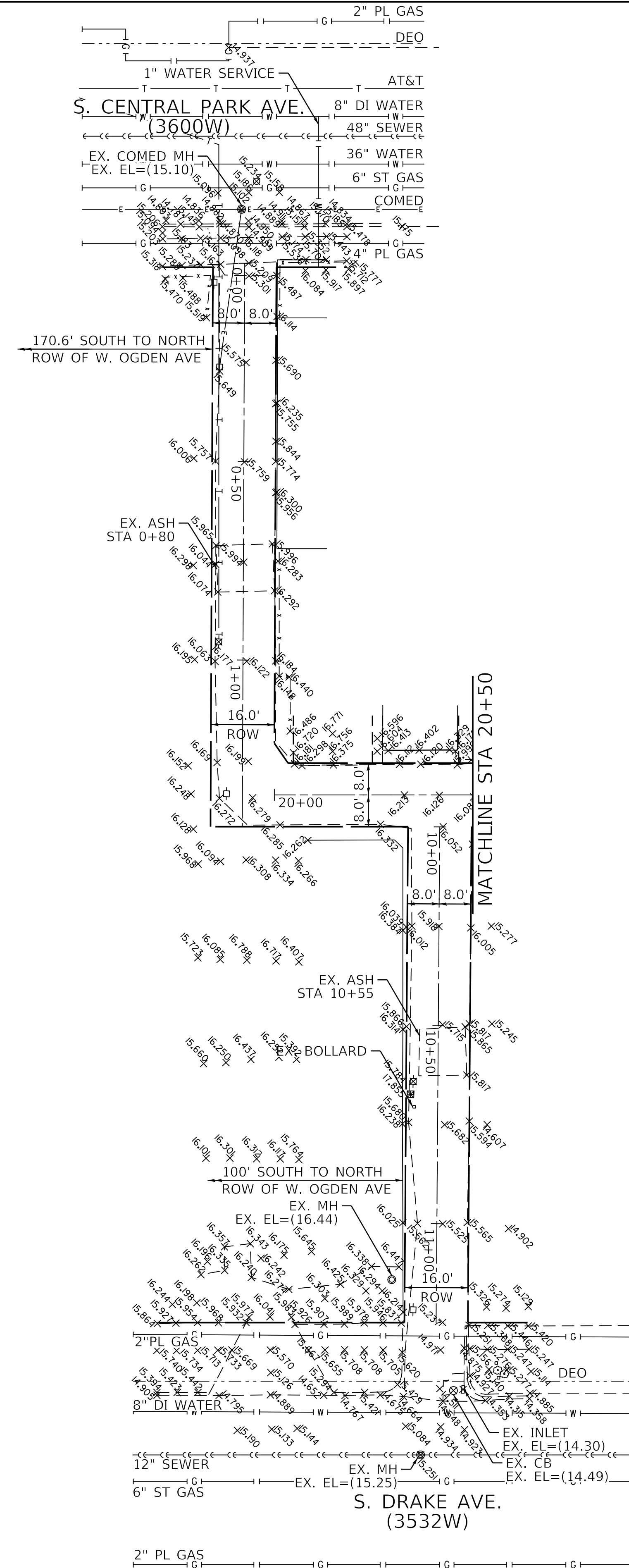
LENGTH OF IMPROVEMENT = 1583.1 L.F. (0.30 MILES)

INDEX OF SHEETS

SHEET	DESCRIPTION
1	COVER SHEET
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MODEL: Default
FILE NAME: 10_2025_ ProjectsGreen-Alley/D_PBC_Alley_Revisions2025Package 6/CADD Drawings/32-CP46_W_16th St & S. Central Park_Ave/CADD Sheets/CP46-shit-align-1.dgn



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.

BENCHMARK

CITY OF CHICAGO BENCHMARK #280 ELEV. = 14.730'
12.4' WEST OF EAST LINE OF S. TRUMBULL AVE. AND,
50.0' NORTH OF NORTH LINE OF W. 16TH ST.

TBM #1 EL. = 17.576'
SET RR SPIKE IN NORTH FACE OF POWER POLE AT SOUTH
END OF TEE INTERSECTION OF ALLEYS.

TBM #2 EL. = 16.198'
SET LARGE NAIL IN EAST FACE OF 1ST POWER POLE NORTH
OF W. 18TH ST. EXTENDED WEST.

TBM #3 EL. = 17.512'
TOP OF NORTH-EAST BOLT OF LIGHT POLE ±50' WEST OF
ALLEY NEAR SOUTH CURB OF W. 16TH ST.

LEGEND

- EXISTING ROW LINE
- - - EXISTING LOT LINE



USER NAME = AB	DESIGNED - AB	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - AB	REVISED -
PLOT DATE = 7/1/2025	CHECKED - SJ	REVISED -
	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD

ALIGNMENT TIES AND BENCHMARKS
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

ouc number	COUNTY	TOTAL SHEETS	SHEET NO.
ouc IR #124701	COOK	26	2
STA.	TO STA.	SCALE: AS SHOWN	

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.

MODEL: Default
FILE NAME: W. 2025, ProjectsGreen Alley/D. PBC Alley Revisions2025Package 6/CADD Drawings22-CP46 W. 16th St & S. Central Park Ave/CADD Sheets/CP46-shitnotes-1.dgn

  	USER NAME = AB	DESIGNED - AB	REVISED -	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION 24th WARD	GENERAL NOTES PBC PROJECT NO # 22922 W. 16TH STREET - W. OGDEN AVENUE S. CENTRAL PARK AVENUE - S. DRAKE AVENUE	OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000 ' / in.	DRAWN - AB	REVISED -			OUC IR #124701	COOK	26	3
	PLOT DATE = 7/1/2025	CHECKED - SJ	REVISED -			STA. TO STA.	SCALE: AS SHOWN		
		DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025						

SUMMARY OF QUANTITIES

Line	Code Number	Description	Unit	Estimated Quantity	Unit Price	Cost
1	*****	EARTH EXCAVATION (SOIL TO CCDD FACILITY)	CU YD	0.0	\$0.00	\$0.00
2	*****	EARTH EXCAVATION (SOIL TO LANDFILL)	CU YD	1328.0	\$0.00	\$0.00
3	*****	PAVEMENT REMOVAL	SQ YD	32.0	\$0.00	\$0.00
4	*****	DRIVEWAY AND ALLEY RETURN PAVEMENT REMOVAL	SQ YD	253.0	\$0.00	\$0.00
5	44000300	CURB REMOVAL	LIN FT	73.0	\$0.00	\$0.00
6	44000500	COMBINATION CURB AND GUTTER REMOVAL	LIN FT	141.0	\$0.00	\$0.00
7	44000600	SIDEWALK REMOVAL	SQ FT	850.0	\$0.00	\$0.00
8	*****	ALLEY PAVEMENT REMOVAL	SQ YD	2816.0	\$0.00	\$0.00
9	*****	GARAGE APRON REMOVAL	SQ FT	1083.0	\$0.00	\$0.00
10	*****	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	58.0	\$0.00	\$0.00
11	31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	643.0	\$0.00	\$0.00
12	*****	CONCRETE ALLEY FILL, CA-1	CU YD	0.0	\$0.00	\$0.00
13	20800150	TRENCH BACKFILL	CU YD	631.0	\$0.00	\$0.00
14	*****	PERVIOUS AGGREGATE SUBBASE	CU YD	0.0	\$0.00	\$0.00
15	*****	BEDDING AND VOID OPENING AGGREGATES FOR PERMEABLE PAVERS	CU YD	0.0	\$0.00	\$0.00
16	*****	CRUSHED STONE (TEMPORARY USE)	TON	50.0	\$0.00	\$0.00
17	35300300	PORTLAND CEMENT CONCRETE BASE COURSE, 8 IN	SQ YD	20.0	\$0.00	\$0.00
18	35300500	PORTLAND CEMENT CONCRETE BASE COURSE, 10 IN	SQ YD	13.0	\$0.00	\$0.00
19	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE ALLEY PAVEMENT, 8 IN	SQ YD	2840.0	\$0.00	\$0.00
20	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE DRIVEWAY AND ALLEY RETURN PAVEMENT, 8 IN	SQ YD	28.0	\$0.00	\$0.00
21	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE GARAGE APRON, 8 IN	SQ FT	1083.0	\$0.00	\$0.00
22	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE SIDEWALK, 8 IN	SQ FT	1812.0	\$0.00	\$0.00
23	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE, 8 IN	SQ YD	20.0	\$0.00	\$0.00
24	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE, 10 IN	SQ YD	13.0	\$0.00	\$0.00
25	*****	PORTLAND CEMENT CONCRETE SIDEWALK, 5 IN	SQ FT	726.0	\$0.00	\$0.00
26	*****	PORTLAND CEMENT CONCRETE ADA CURB RAMP, 5 IN	SQ FT	124.0	\$0.00	\$0.00
27	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE ADA CURB RAMP, 8 IN	SQ FT	0.0	\$0.00	\$0.00
28	*****	DRILL AND GROUT DOWEL AND TIE BARS	EACH	399.0	\$0.00	\$0.00
29	*****	PERMEABLE CONCRETE BLOCK PAVERS	SQ FT	0.0	\$0.00	\$0.00
30	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	488.0	\$0.00	\$0.00
31	*****	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5LH, MIX "C", N30 (CDOT)	TON	115.0	\$0.00	\$0.00
32	*****	HOT-MIX ASPHALT SURFACE COURSE, PATCH, N30 (6 FT OR LESS)	TON	4.0	\$0.00	\$0.00
33	*****	HOT-MIX ASPHALT SURFACE COURSE, PATCH, N70 (6 FT OR LESS)	TON	3.0	\$0.00	\$0.00
34	60600605	CONCRETE CURB, TYPE B	LIN FT	73.0	\$0.00	\$0.00
35	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE COMBINATION CURB AND GUTTER, TYPE B-V.12	LIN FT	74.0	\$0.00	\$0.00
36	*****	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12	LIN FT	68.0	\$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	2.0	\$0.00	\$0.00
39	*****	CATCH BASIN, TYPE A, 4 FT DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	5.0	\$0.00	\$0.00
40	*****	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	1.0	\$0.00	\$0.00
41	*****	DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED	EACH	0.0	\$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	0.0	\$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	1101.0	\$0.00	\$0.00
47	*****	STORM SEWERS, DUCTILE IRON PIPE, 12 IN	LIN FT	152.0	\$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	166.0	\$0.00	\$0.00

51	*****	EXISTING SEWER TO BE REMOVED	LIN FT	14.0	\$0.00	\$0.00
52	*****	REMOVING MANHOLES	EACH	1.0	\$0.00	\$0.00
53	*****	REMOVING CATCH BASINS	EACH	2.0	\$0.00	\$0.00
54	*****	REMOVING INLETS	EACH	1.0	\$0.00	\$0.00
55	*****	SEWER CLEANING AND TELEVISIONING (24 IN DIAMETER OR LESS)	LIN FT	0.0	\$0.00	\$0.00
56	60100085	GEOTECHNICAL FABRIC	SQ YD	0.0	\$0.00	\$0.00
57	*****	PULVERIZED TOPSOIL MIX	CU YD	4.8	\$0.00	\$0.00
58	*****	HYDRAULIC SEEDING, CLASS 1A	SQ YD	9.0	\$0.00	\$0.00
59	78000200	THERMOPLASTIC PAVEMENT MARKING, LINE 4 IN	LIN FT	49.0	\$0.00	\$0.00
60	*****	CONSTRUCTION SIGNS	SQ FT	64.0	\$0.00	\$0.00
61	*****	PREMOLDED RUBBER SPEED HUMPS	EACH	6.0	\$0.00	\$0.00
62	*****	REMOVE AND SALVAGE SIGN PANEL AND POLE ASSEMBLY	EACH	0.0	\$0.00	\$0.00
63	*****	CURB PAINTING	LIN FT	0.0	\$0.00	\$0.00
64	CDOT SP 905-1	MEMBRANE WATERPROOFING SYSTEM	SQ FT	0.0	\$0.00	\$0.00

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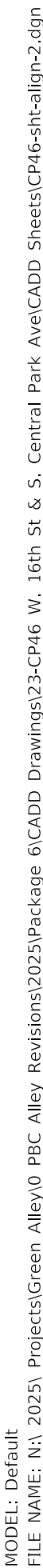


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PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD

SUMMARY OF QUANTITIES
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

ouc number	COUNTY	TOTAL SHEETS	SHEET NO.
ouc IR #124701	COOK	26	4
STA. TO STA.	SCALE: AS SHOWN		



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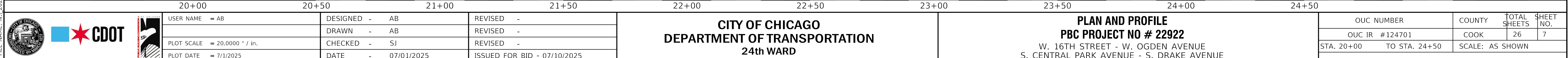
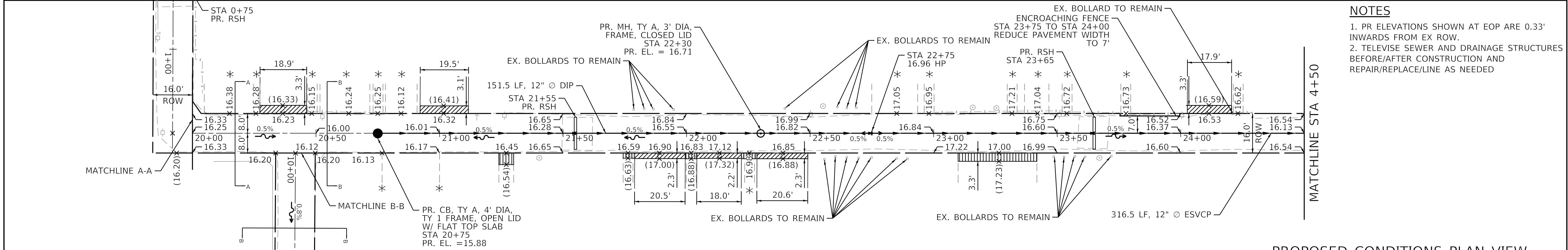
PROFILE			BY	DATE
	SURVEYED			
	PLOTTED			
NOTE BOOK	GRADES CHECKED			
	B.M. NOTED			
NO. _____	STRUCTURE NOTAT'NS CHKD			



**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD**

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #124701	COOK	26	6
STA. TO STA.	SCALE: AS SHOWN		

PROFILE			BY	DATE
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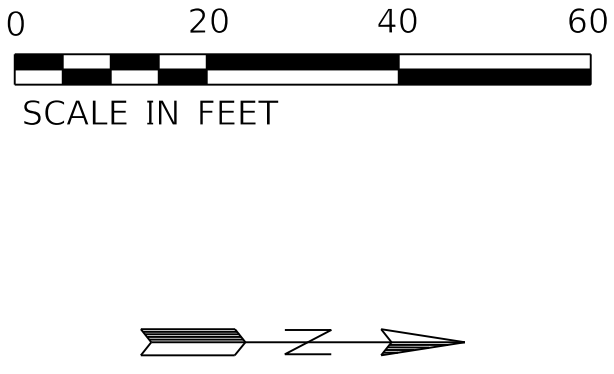


**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD**

PLAN AND PROFILE
PBC PROJECT NO # 22922
 W. 16TH STREET - W. OGDEN AVENUE
 S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #124701	COOK	26	7
STA. 20+00 TO STA. 24+50	SCALE: AS SHOWN		

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



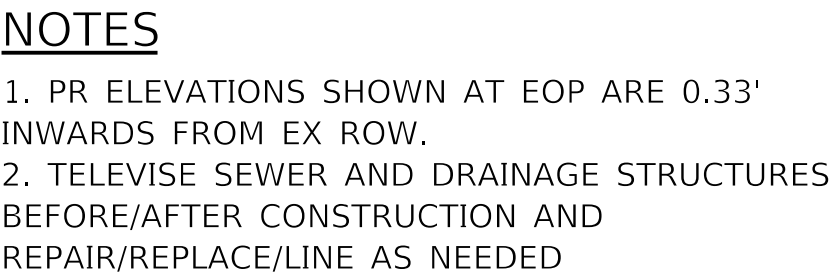
NOTES

1. PR ELEVATIONS SHOWN AT EOP ARE 0.33' INWARDS FROM EX ROW.
2. TELEWISE SEWER AND DRAINAGE STRUCTURES BEFORE/AFTER CONSTRUCTION AND REPAIR/REPLACE/LINE AS NEEDED



OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 24+50 TO STA. 29+50	SCALE: AS SHOWN		

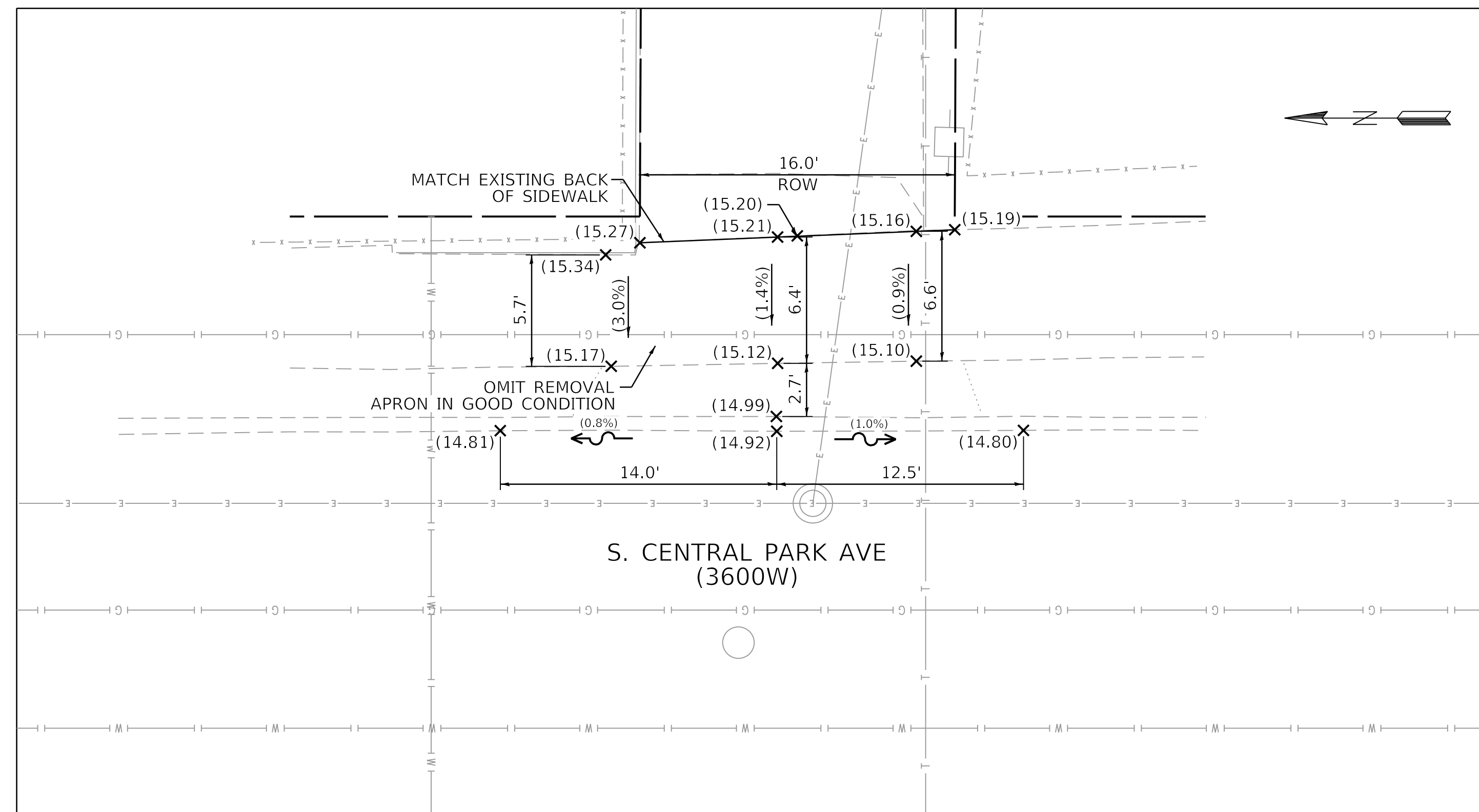
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NOTE BOOK	GRADES CHECKED			
	B.M. NOTED			
NO. _____	STRUCTURE NOTAT'NS CHKD			



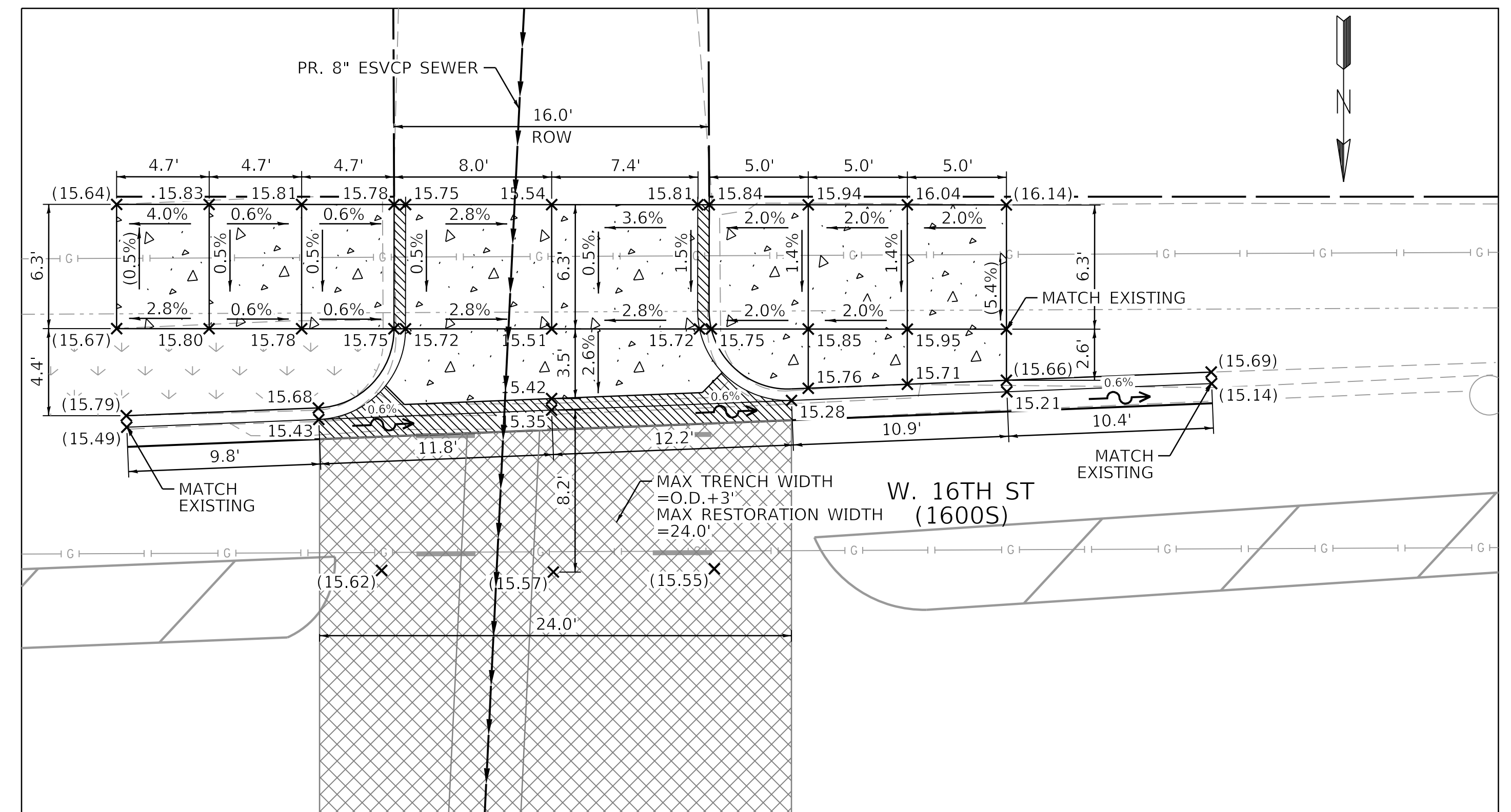
**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD**

PLAN AND PROFILE
PBC PROJECT NO # 22922
 W. 16TH STREET - W. OGDEN AVENUE
 S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #124701	COOK	26	9
STA. 29+50 TO STA. 33+15	SCALE: AS SHOWN		



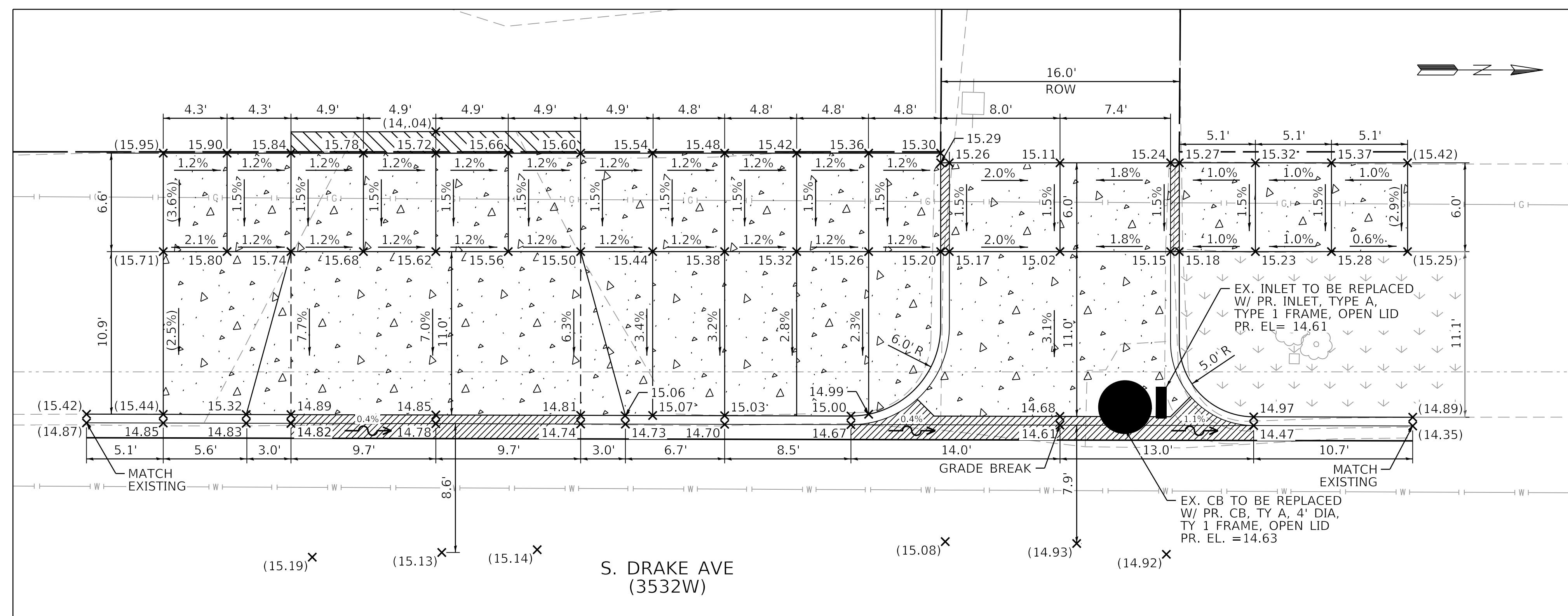
EXISTING ALLEY APRON DETAILS

$$1'' = 5'$$


PROPOSED ALLEY APRON DETAILS

$$1'' = 5'$$

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



PROPOSED ALLEY APRON DETAILS

$$1'' = 5'$$

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



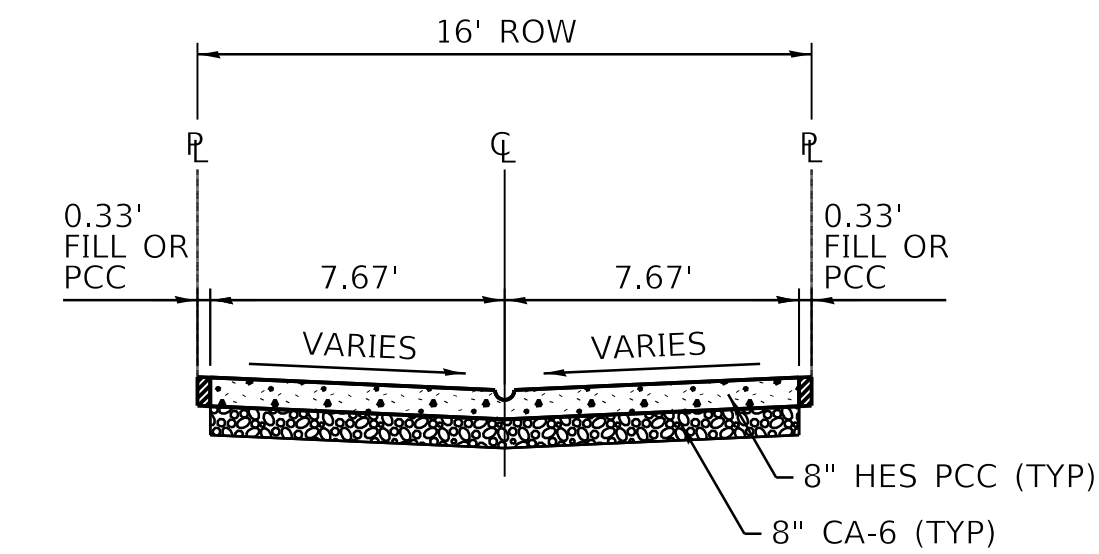
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PLOT SCALE = 5,0000 ' / in.	CHECKED - SJ	REVISED -
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**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD**

ALLEY APRON DETAILS
PBC PROJECT NO # 22922

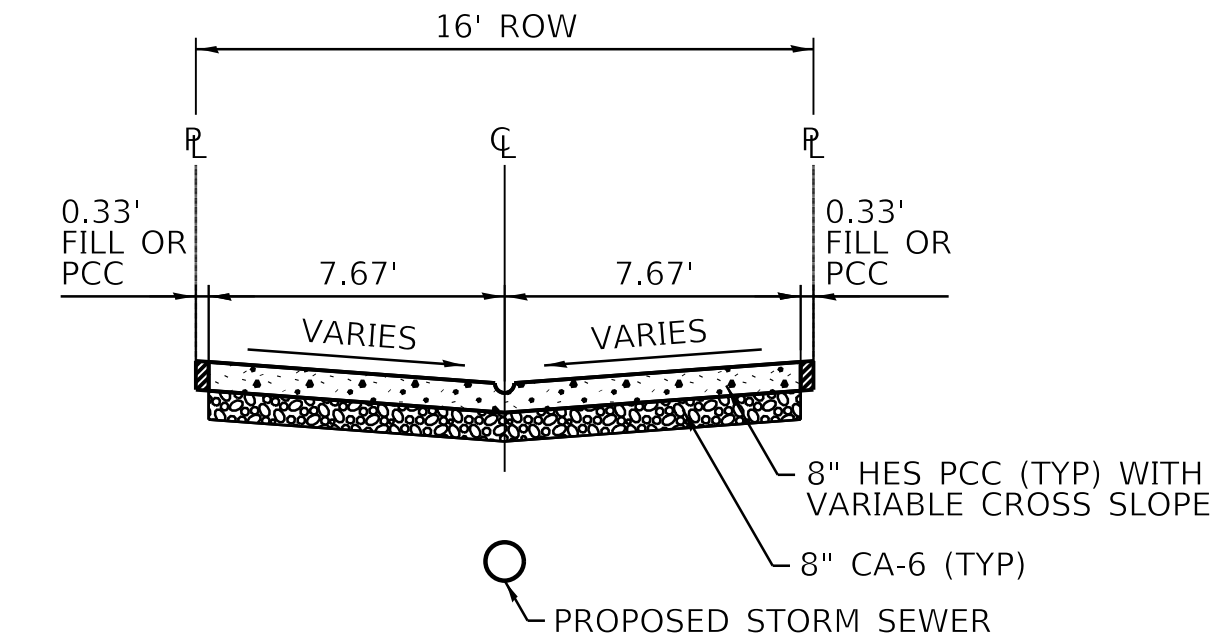
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

ouc number	county	total sheets	sheet no.
ouc ir #124701	cook	26	10
sta. to sta.	scale: as shown		



PROPOSED TYPICAL CROSS SECTION A-A

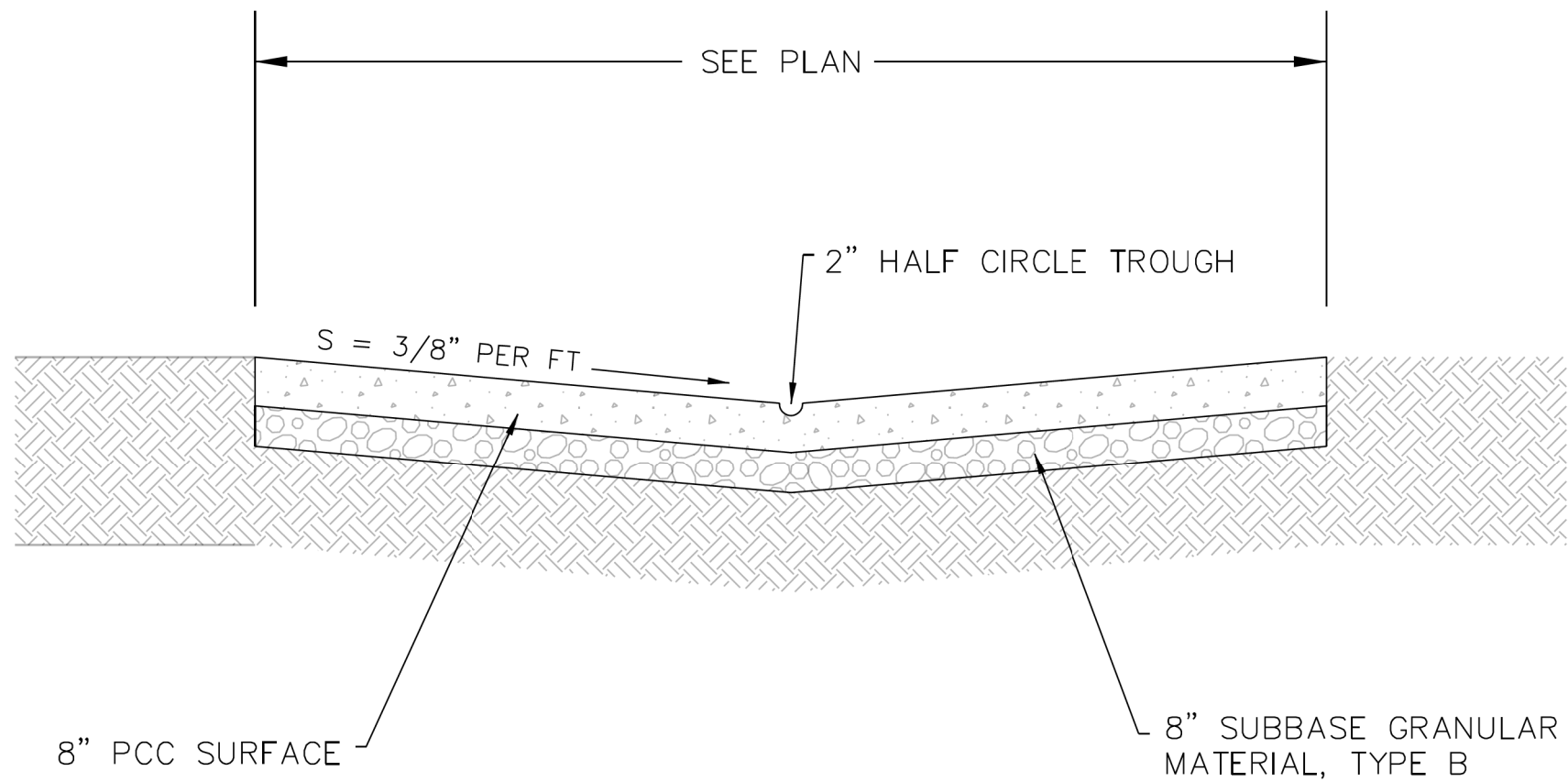
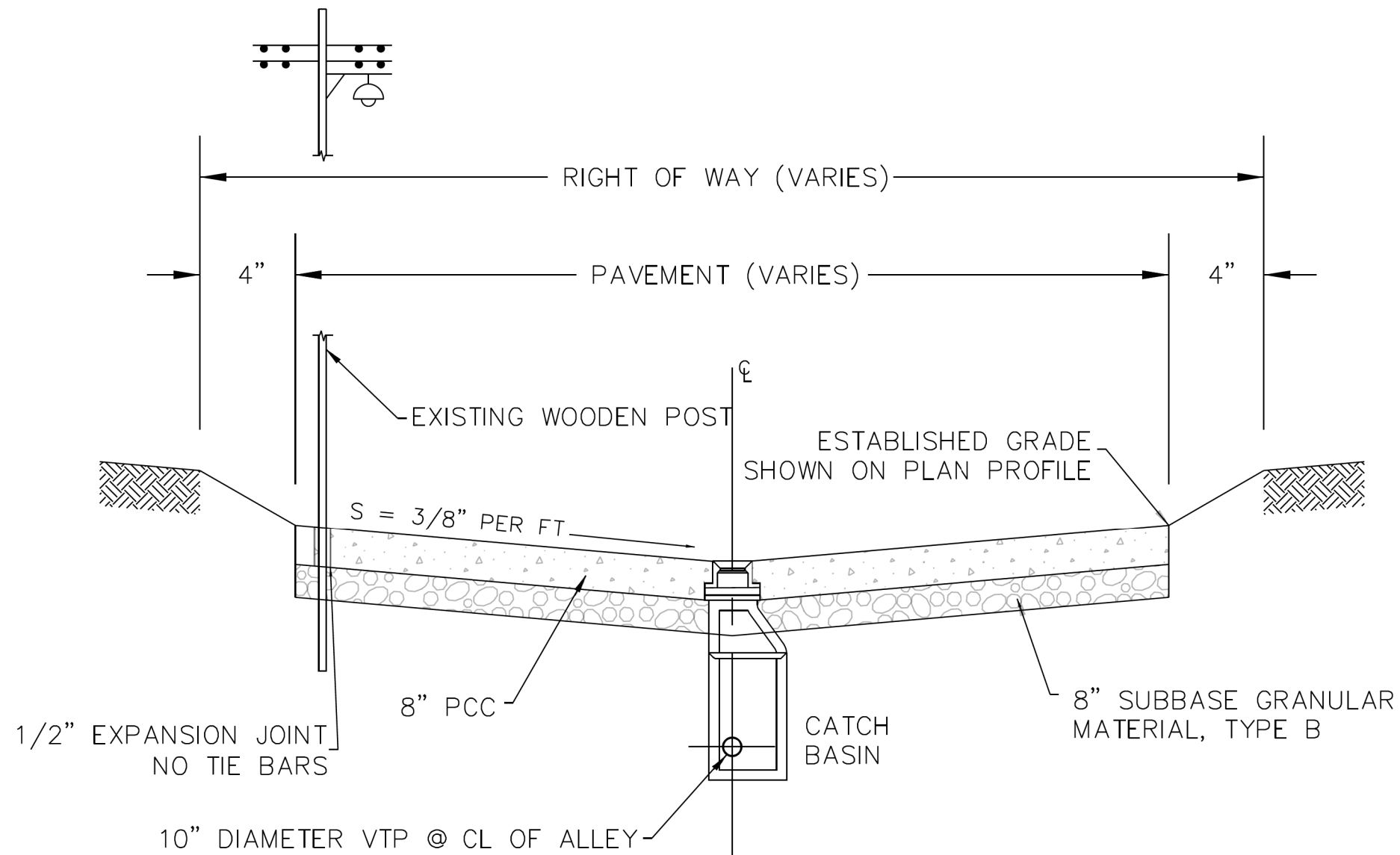
STA. 0+00 TO STA. 1+42
STA. 10+00 TO STA. 11+26
STA. 20+00 TO STA. 20+75




PROPOSED TYPICAL CROSS SECTION B-B

STA. 20+75 TO STA. 33+15

NOTE: 0.33' FILL OR PCC WILL BE PAID FOR AS CONCRETE ALLEY FILL, CA-1 OR 8" HES PCC ALLEY PAVEMENT.



	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	STANDARD ALLEY SECTION		
	9/30/2024	REVISION 2			
			DATE	SHEET	DRAWN BY
			12/12/06	A-1-2	CDOT

MODEL: Default
FILE NAME: 12-12-2025 ProjectsGreen Alley\0_PBC Alley Revisions\2025Package 6\CADD Drawings\22-CP46 W. 16th St & S. Central Park Ave\CADD Sheets\CP46-std-tyr-2.dgn

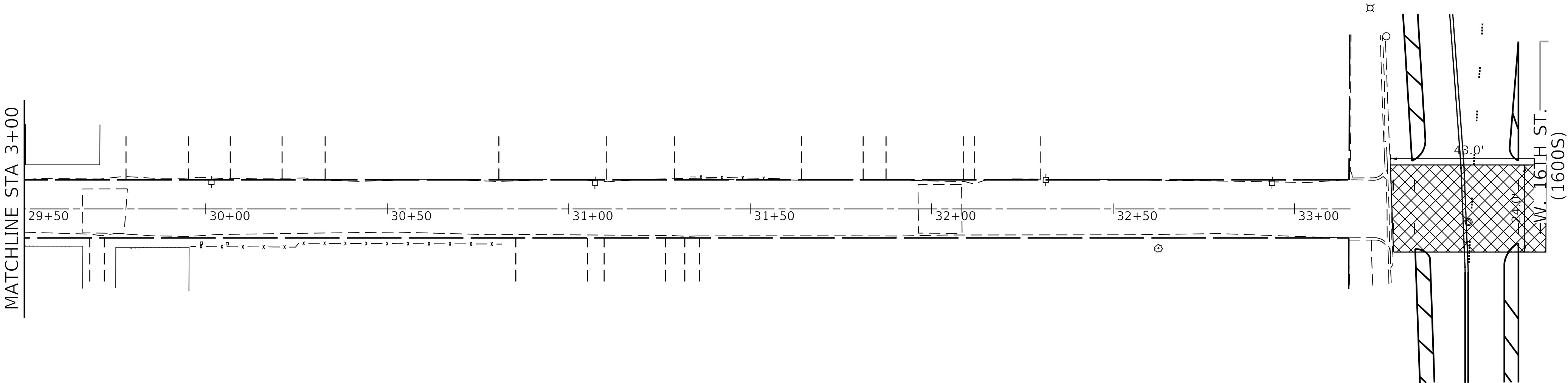
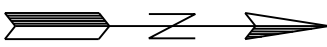


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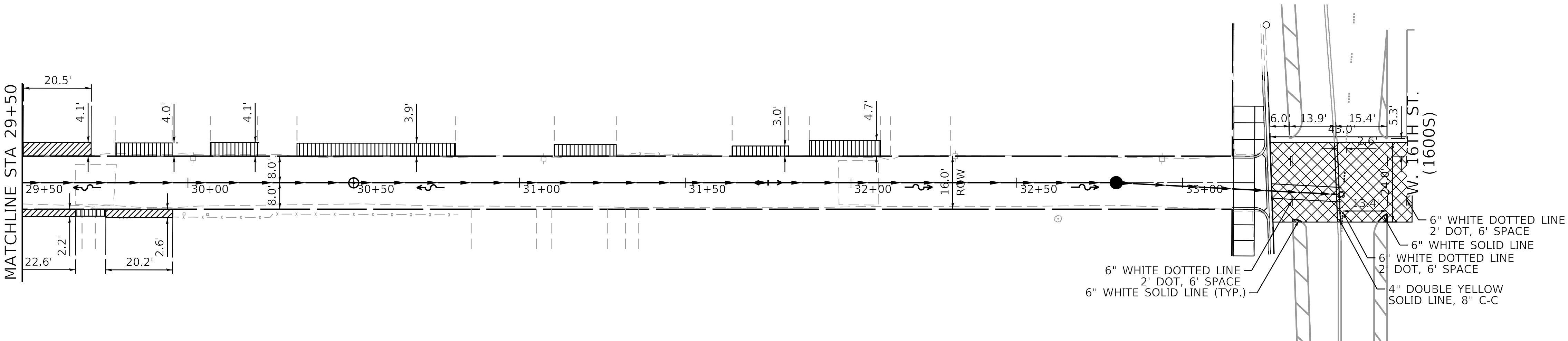
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD

TYPICAL SECTIONS
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

ouc number	COUNTY	TOTAL SHEETS	SHEET NO.
ouc IR #124701	COOK	26	11
STA. TO STA.	SCALE: NTS		



EXISTING CONDITIONS PLAN VIEW



PROPOSED CONDITIONS PLAN VIEW

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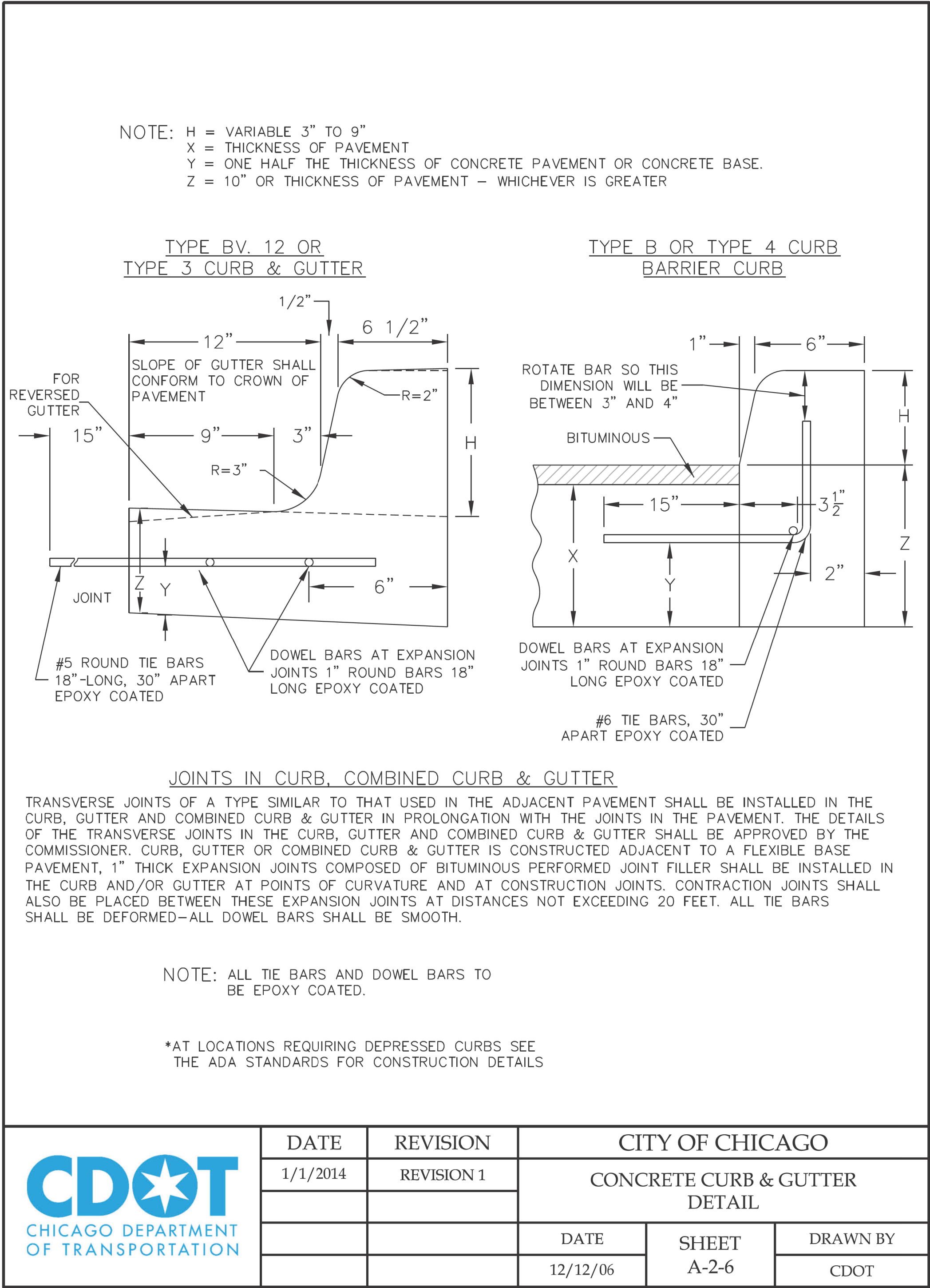
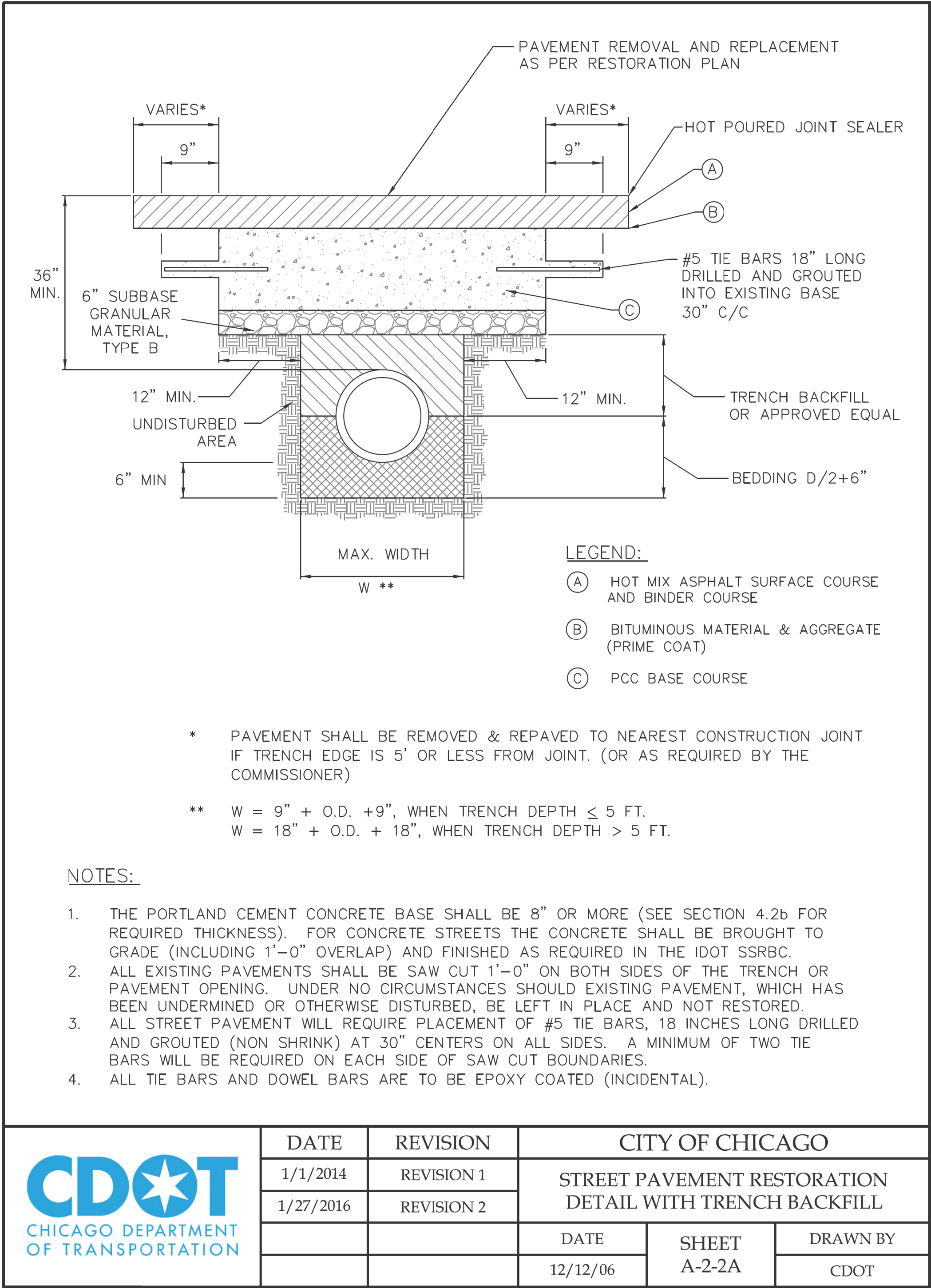
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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD

STRIPING PLAN
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

ouc number	COUNTY	TOTAL SHEETS	SHEET NO.
ouc IR #124701	COOK	26	12
STA. TO STA.	SCALE: NTS		

MODEL: Default
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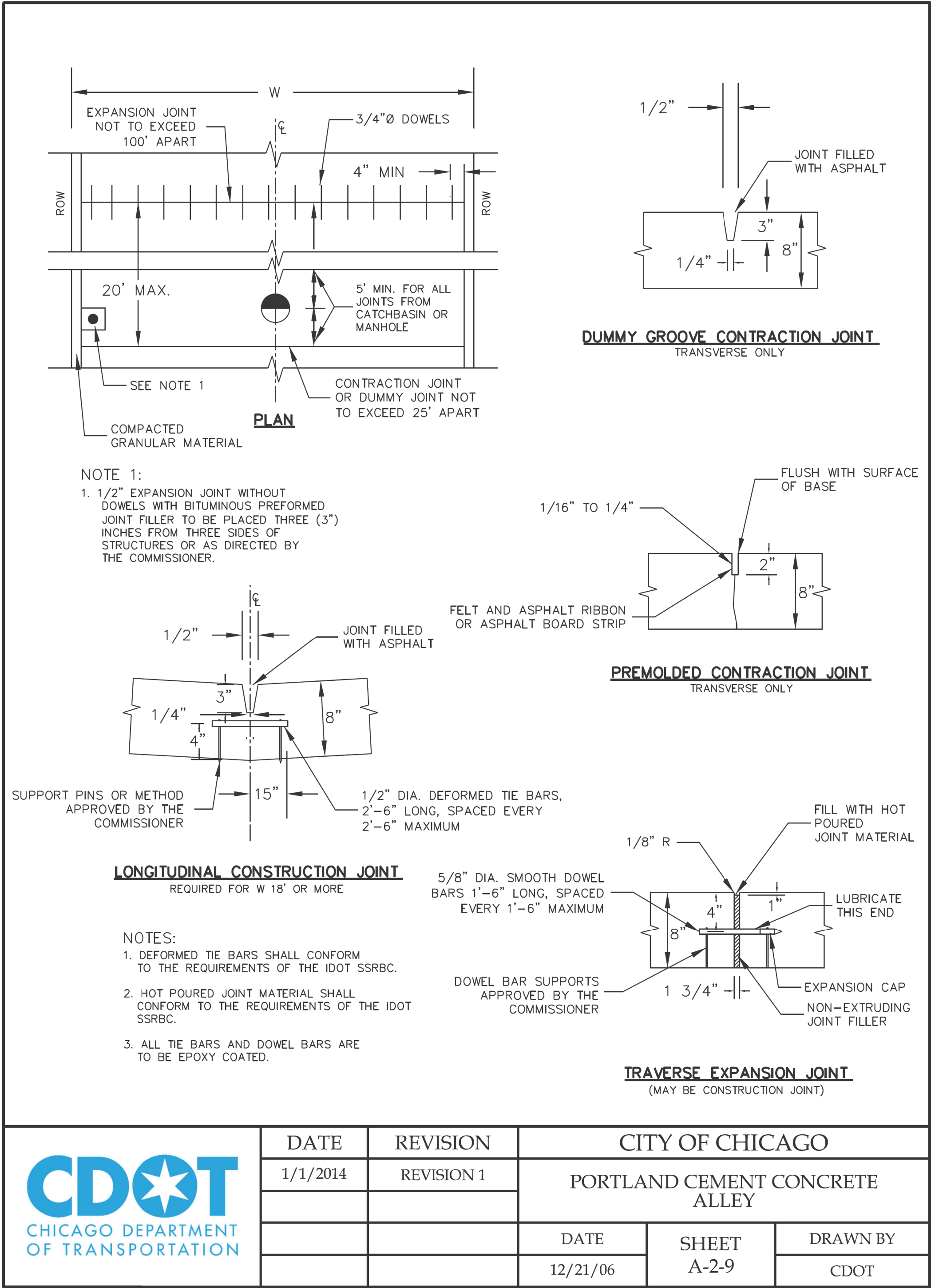
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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD

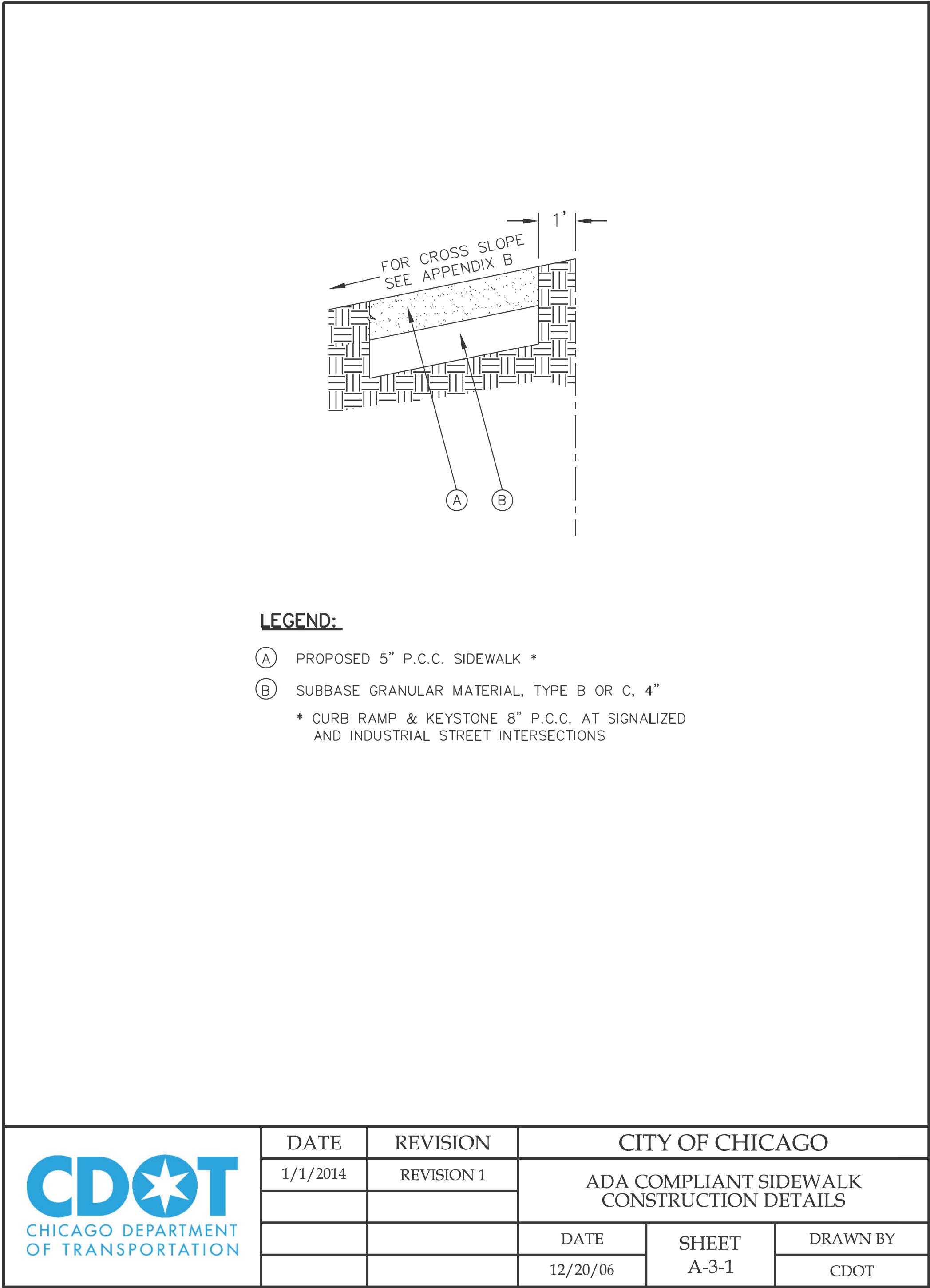
CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE


OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #124701	COOK	26	13
STA. TO STA.	SCALE: NTS		

MODEL: Default
FILE NAME: 10_2025_ Projects\Green Alley\0_PBC Alley Revisions\2025\Package 6\CADD Drawings\22-CP46 W. 16th St & S. Central Park Ave\CADD Sheets\CP46-sht-cdot3.dgn



	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	PORTLAND CEMENT CONCRETE ALLEY		
			DATE	SHEET	DRAWN BY
			12/21/06	A-2-9	CDOT



	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
24th WARD

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

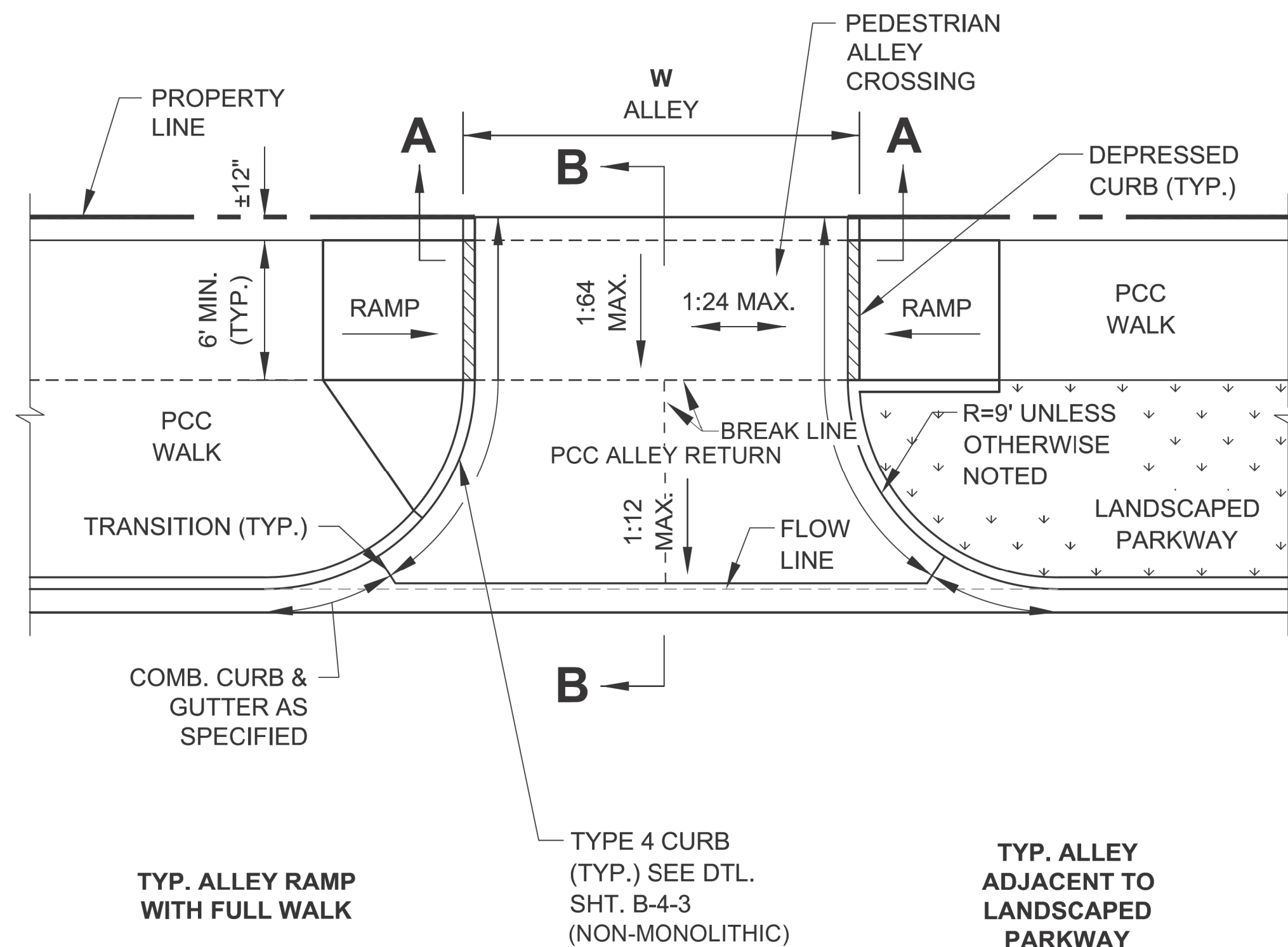
OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #124701	COOK	26	14
STA. TO STA.	SCALE: NTS		

A. DETECTABLE WARNING IS NOT REQUIRED AT ALLEY RETURNS.



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).

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

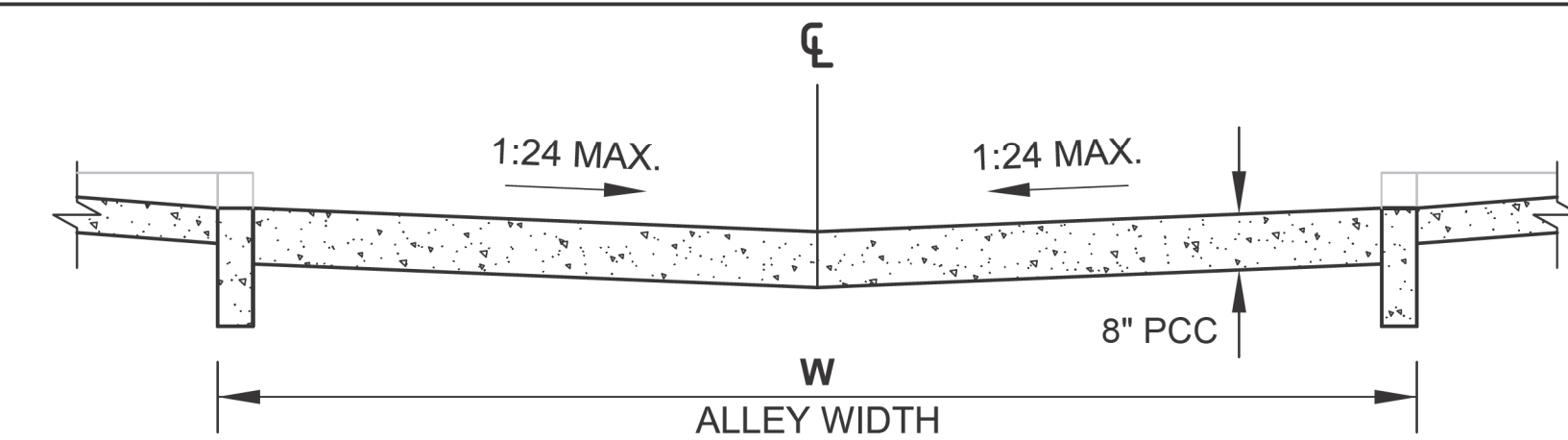
C. SEE DETAIL B-2-5 FOR REDUCED WIDTH (4' MIN.) PEDESTRIAN ACCESSIBLE ROUTE ACROSS ALLEY / DRIVEWAY (TO ALLOW FOR ADDITIONAL SLOPE AT ALLEY / DRIVEWAY).



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	
	11/14/08	REVISION 3	
	11/02/09	REVISION 4	
	08/10/12	REVISION 5	
	01/01/14	REVISION 6	

DRAWN BY: CDOT
CHECKED BY: GK

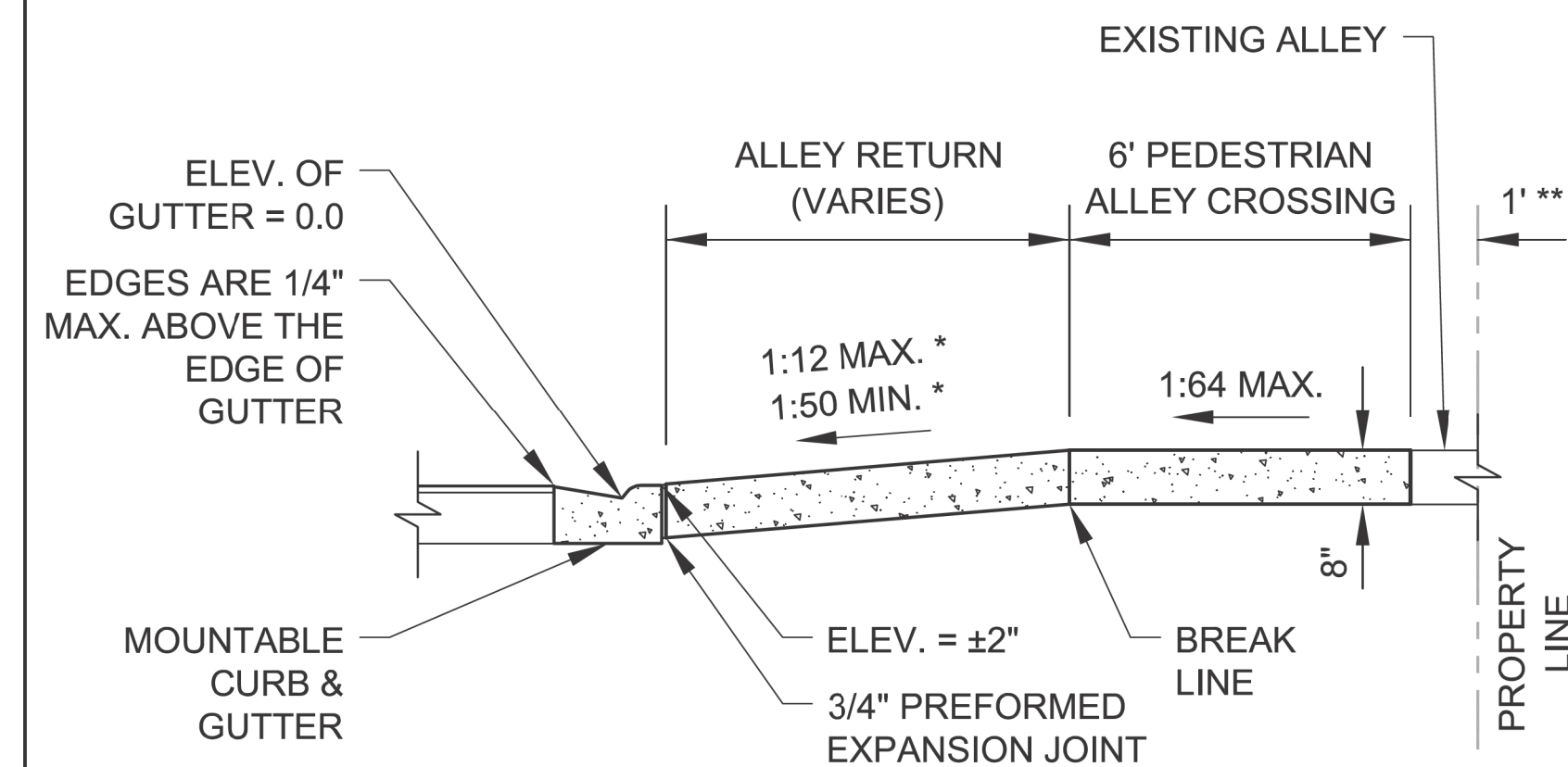
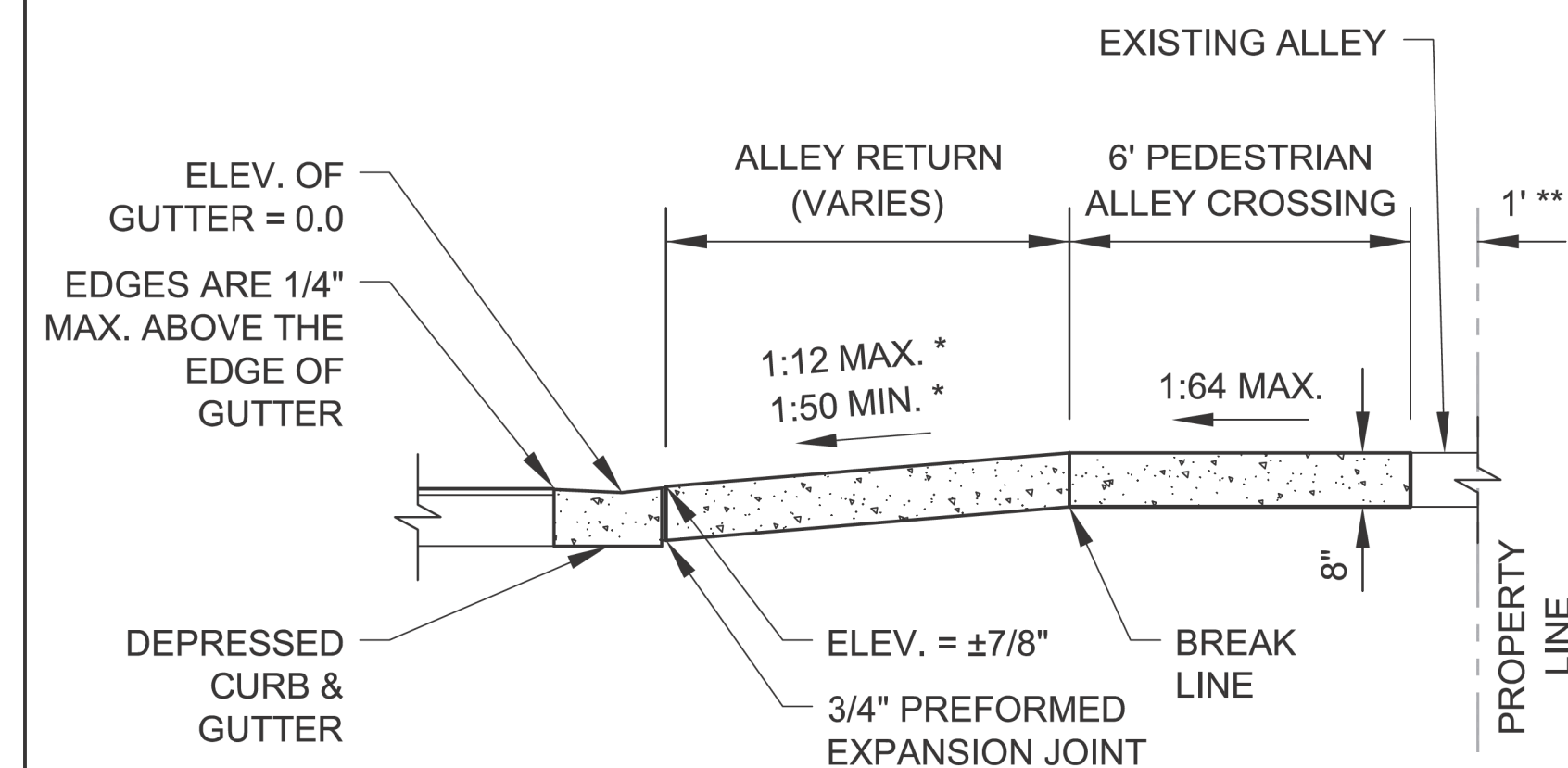
ALLEY RETURN NOTES:

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**

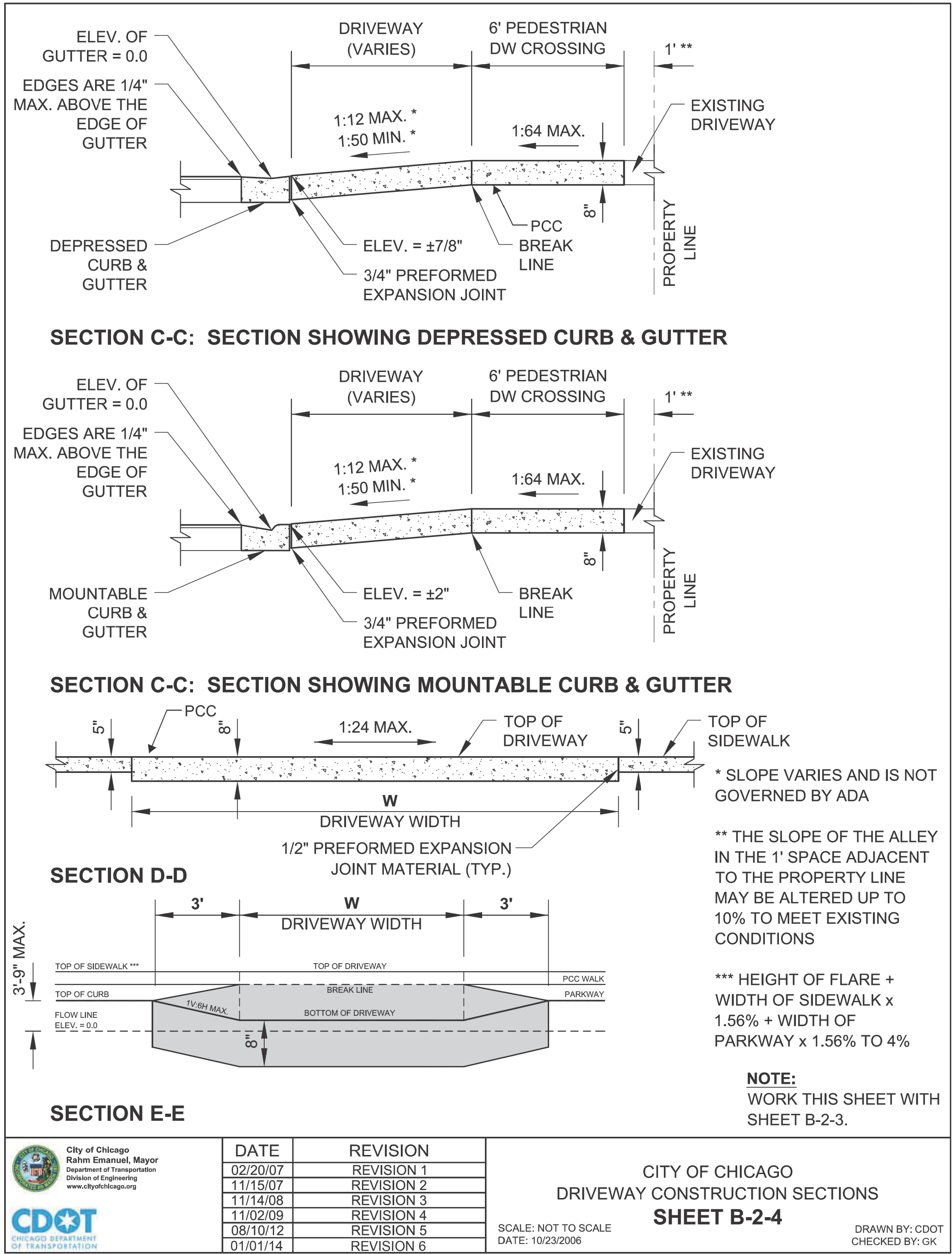
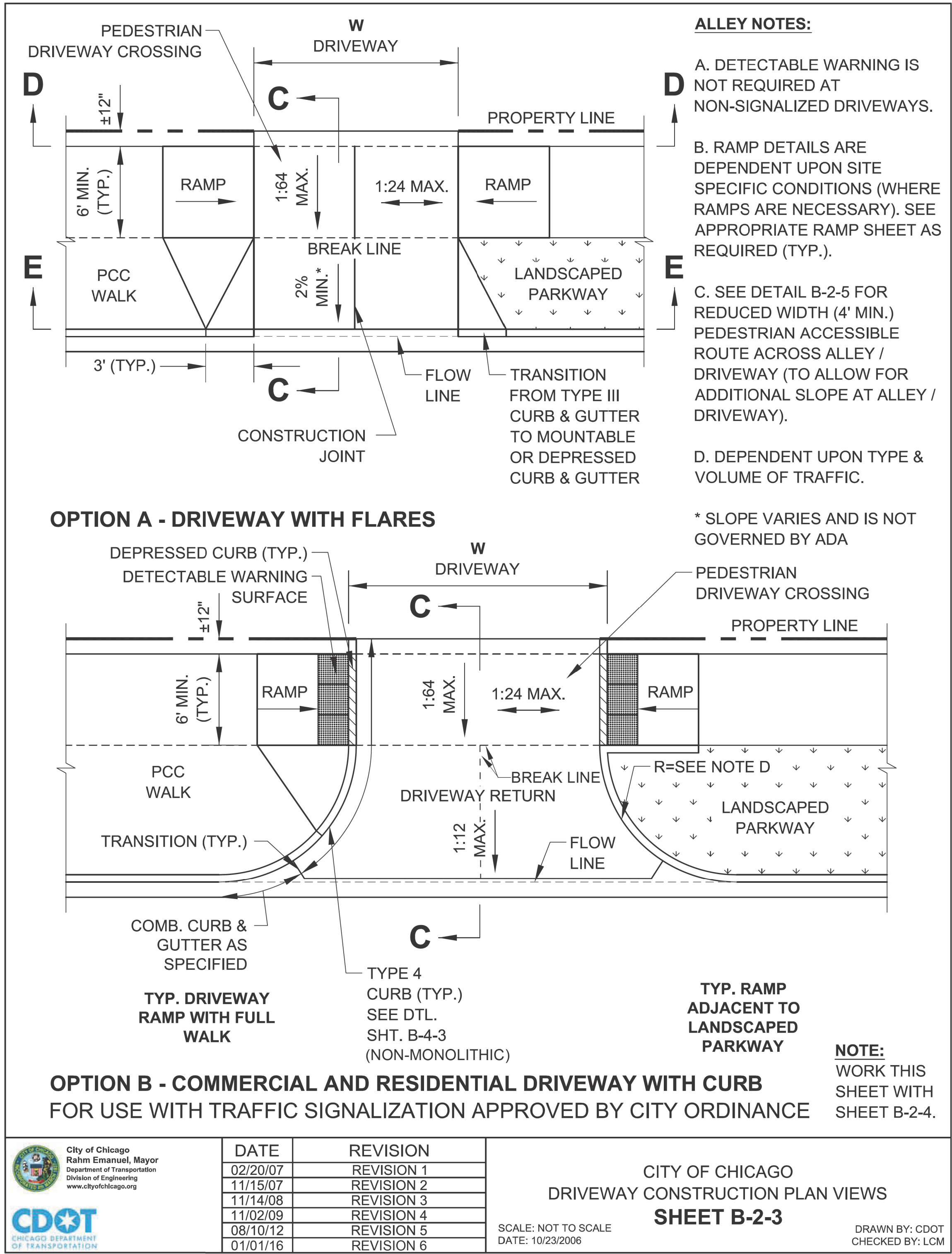


NOTE:
WORK THIS SHEET WITH
SHEET B-2-1.

 <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 align="center">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	

DRAWN BY: CDOT
CHECKED BY: GK

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

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #124701	COOK	26	16
STA.	TO STA.	SCALE: NTS	

MODEL: Default
FILE NAME: 10_2025_ ProjectsGreen_Alley/D_PBC_Alley_Revisions2025Package_6(CADD Drawings)22-CP46_W_16th St & S. Central Park_Ave(CADD Sheets)CP46-shit-cdot-5.dgn

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):

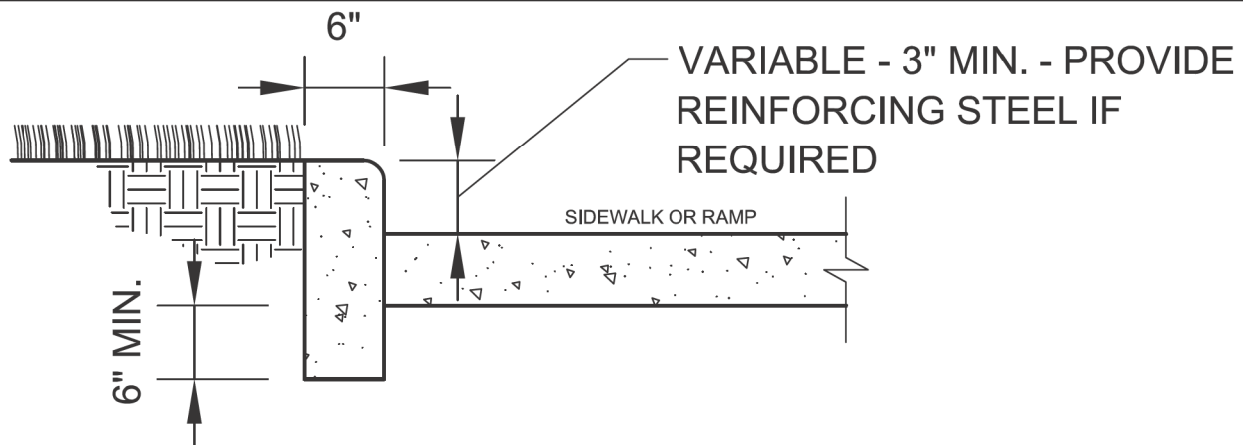
IT IS ACCEPTABLE PRACTICE TO MATCH ADJACENT SIDEWALKS AT THE EXISTING SLOPE.

CURB RAMP REPLACEMENTS

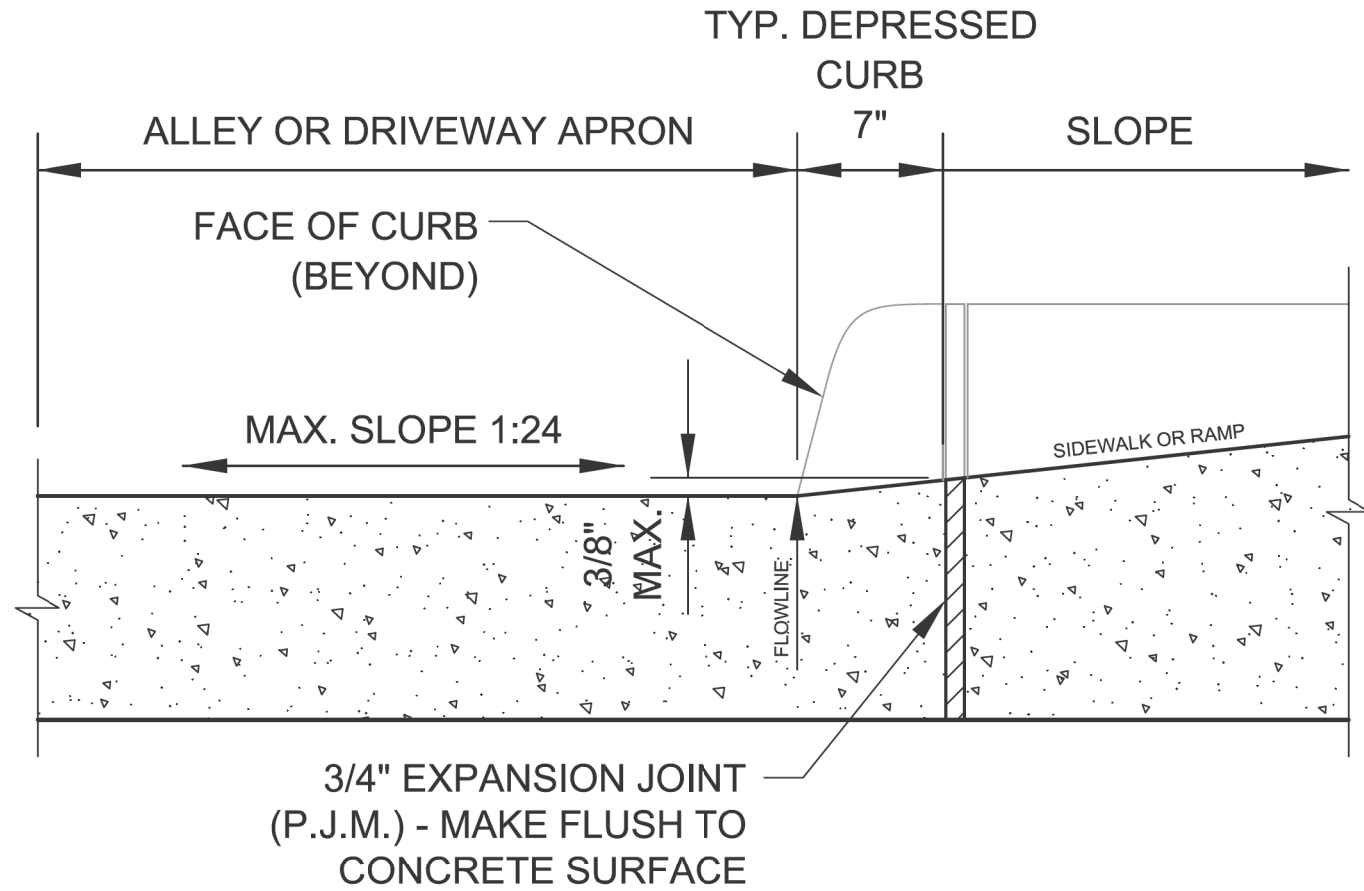
WHEN REPLACING AN ADA RAMP, THE SIDEWALK REPLACEMENT MUST EXTEND BEYOND THE LIMITS OF THE LANDING AREA AND/OR THE "KEYSTONE" A MINIMUM OF AN ADDITIONAL FIVE FEET (5') ON EITHER SIDE IN ORDER TO PROVIDE A TRANSITION TO MATCH THE EXISTING SIDEWALK. THE TRANSITION PANEL SHALL BE LENGTHENED AS NECESSARY 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.

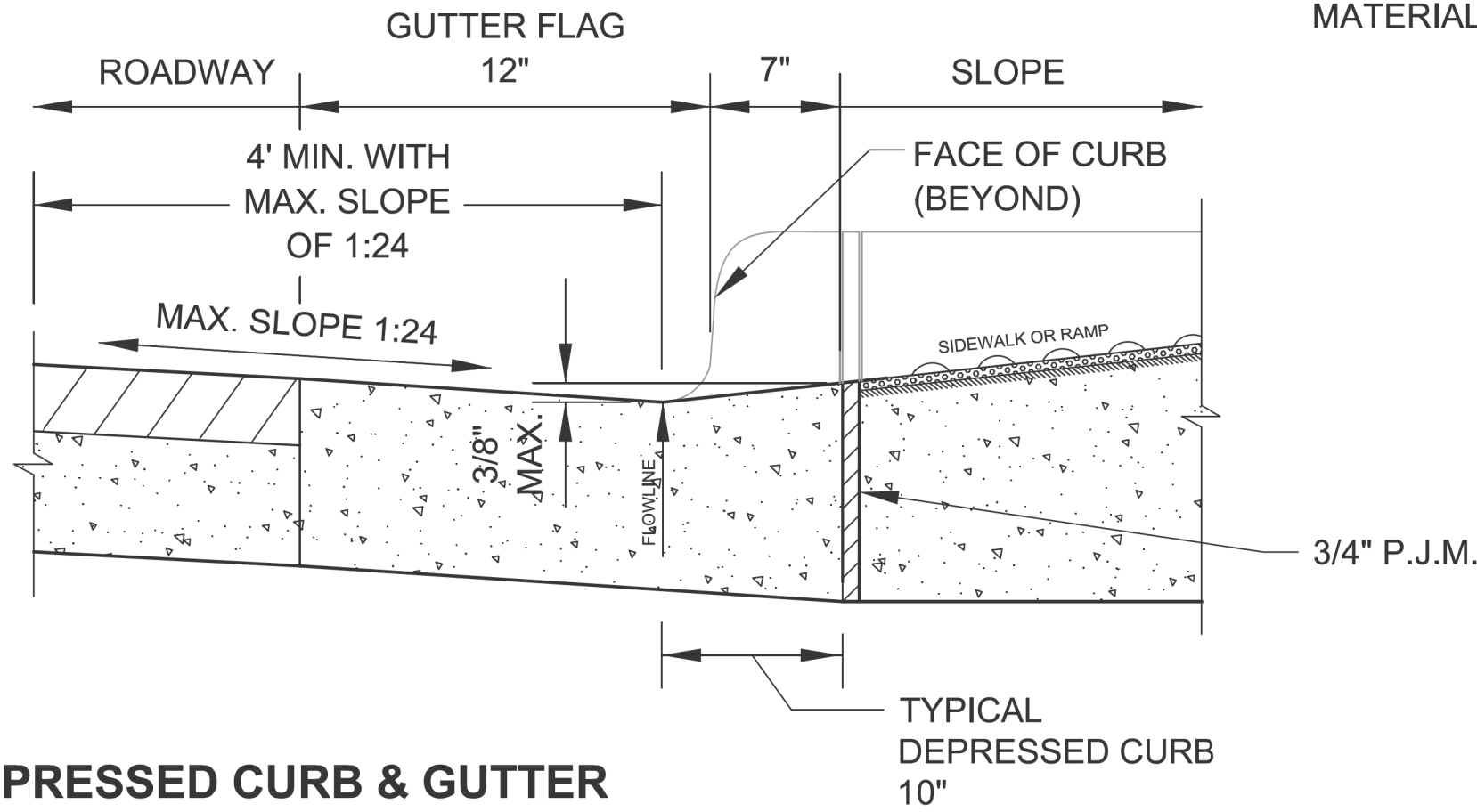
 City of Chicago Rahm Emanuel, Mayor Department of Transportation Division of Engineering www.cityofchicago.org  CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	<div>CITY OF CHICAGO</div> <div>ADA COMPLIANCE AND TRANSITION GUIDELINES</div> <div>SHEET B-3-4</div> <div>SCALE: NOT TO SCALE DATE: 10/23/2006</div> <div>DRAWN BY: CDOT CHECKED BY: GK</div>
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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	





SIDE CURB - SECTION



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



DEPRESSED CURB & GUTTER
AT BOTTOM OF TYPICAL CURB RAMP

 City of Chicago Rahm Emanuel, Mayor Department of Transportation Division of Engineering www.cityofchicago.org  CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	<div>CITY OF CHICAGO</div> <div>CURB & GUTTER DETAILS</div> <div>SHEET B-4-3</div> <div>SCALE: NOT TO SCALE DATE: 10/23/2006</div> <div>DRAWN BY: CDOT CHECKED BY: LCM</div>
	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	

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.

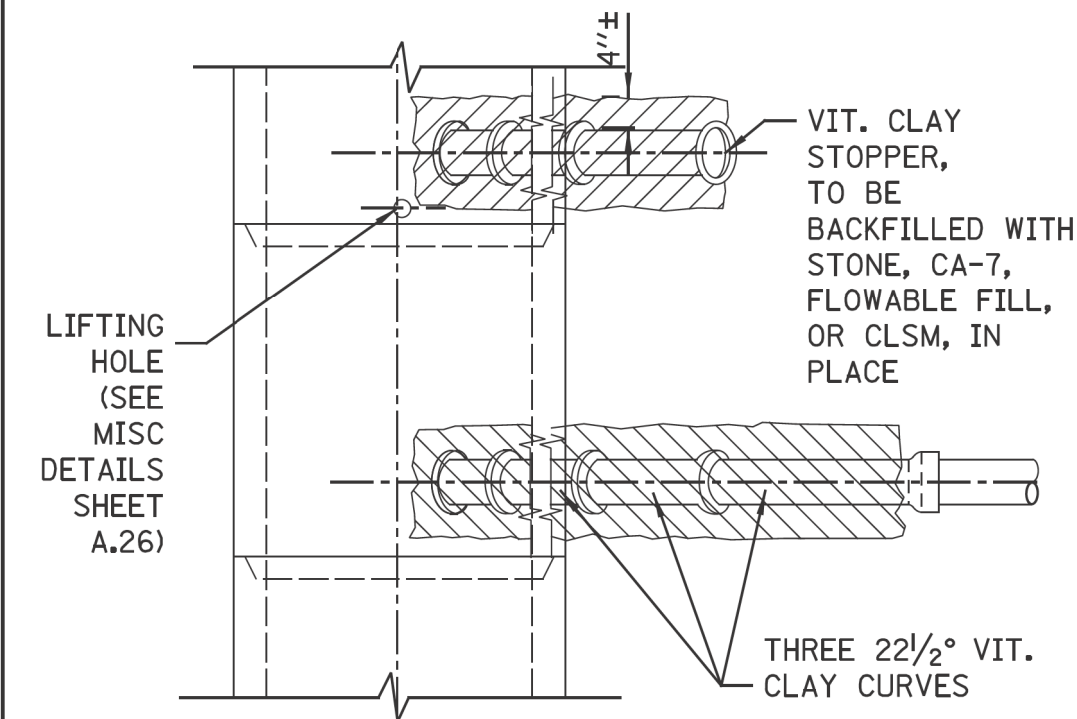


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PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

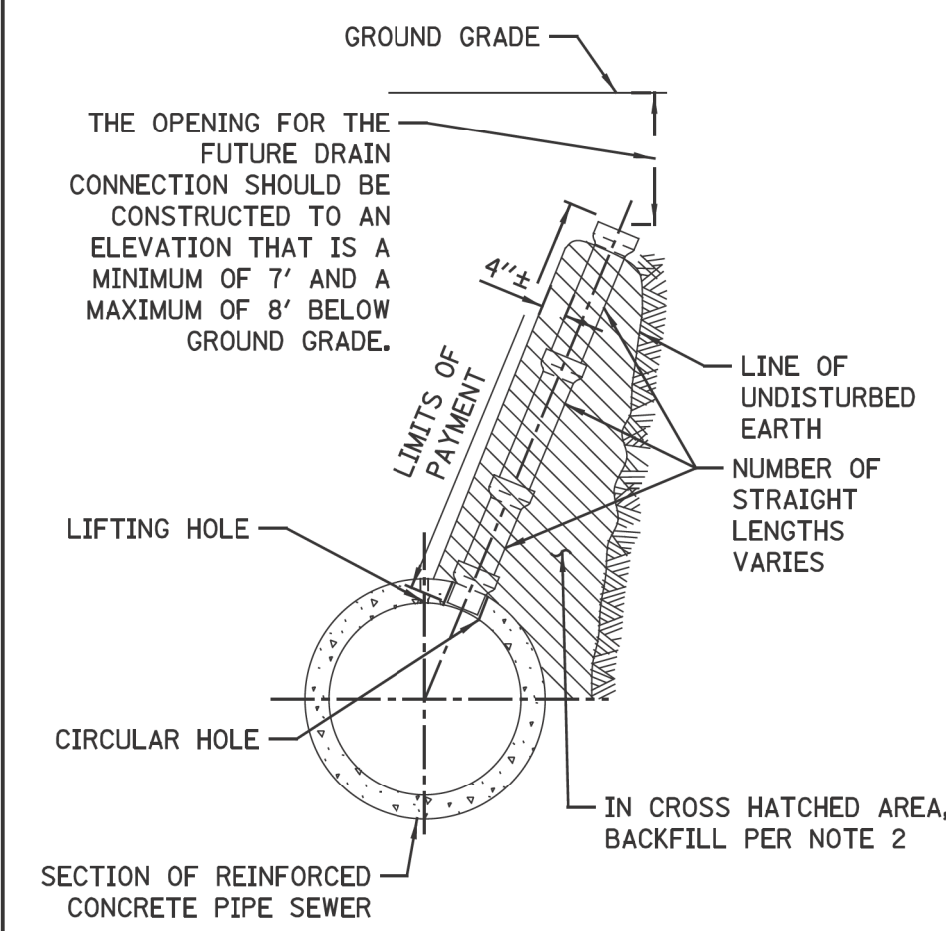
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

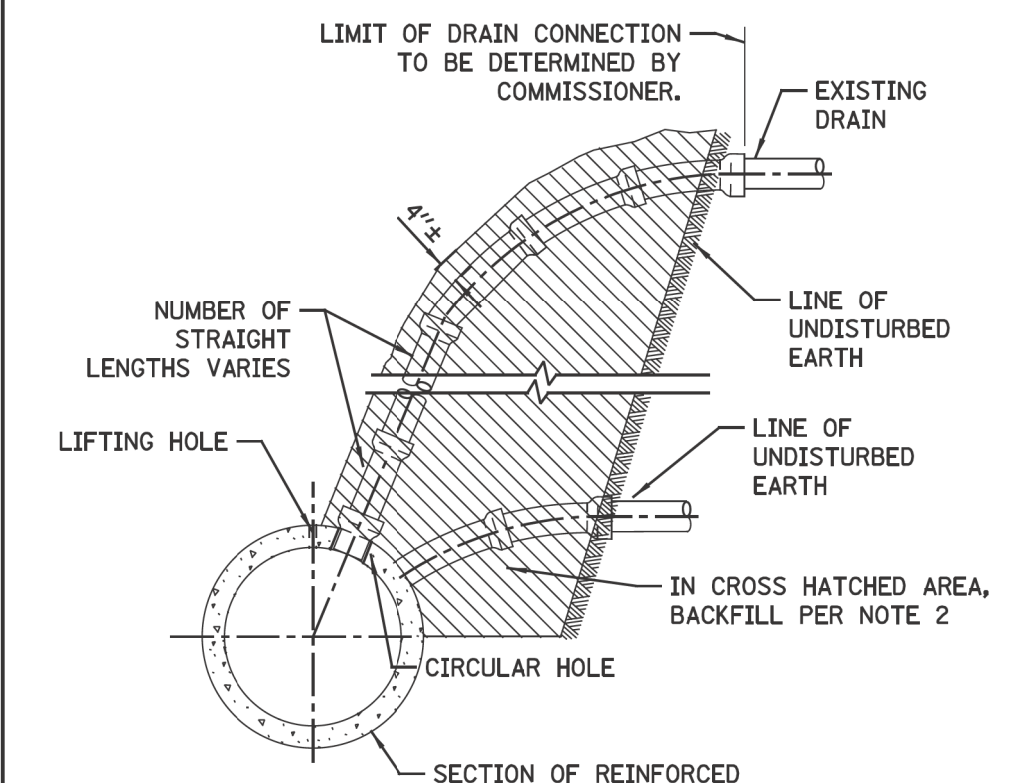
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OUC IR #124701	COOK	26	17
STA. TO STA.	SCALE: NTS		



PLAN



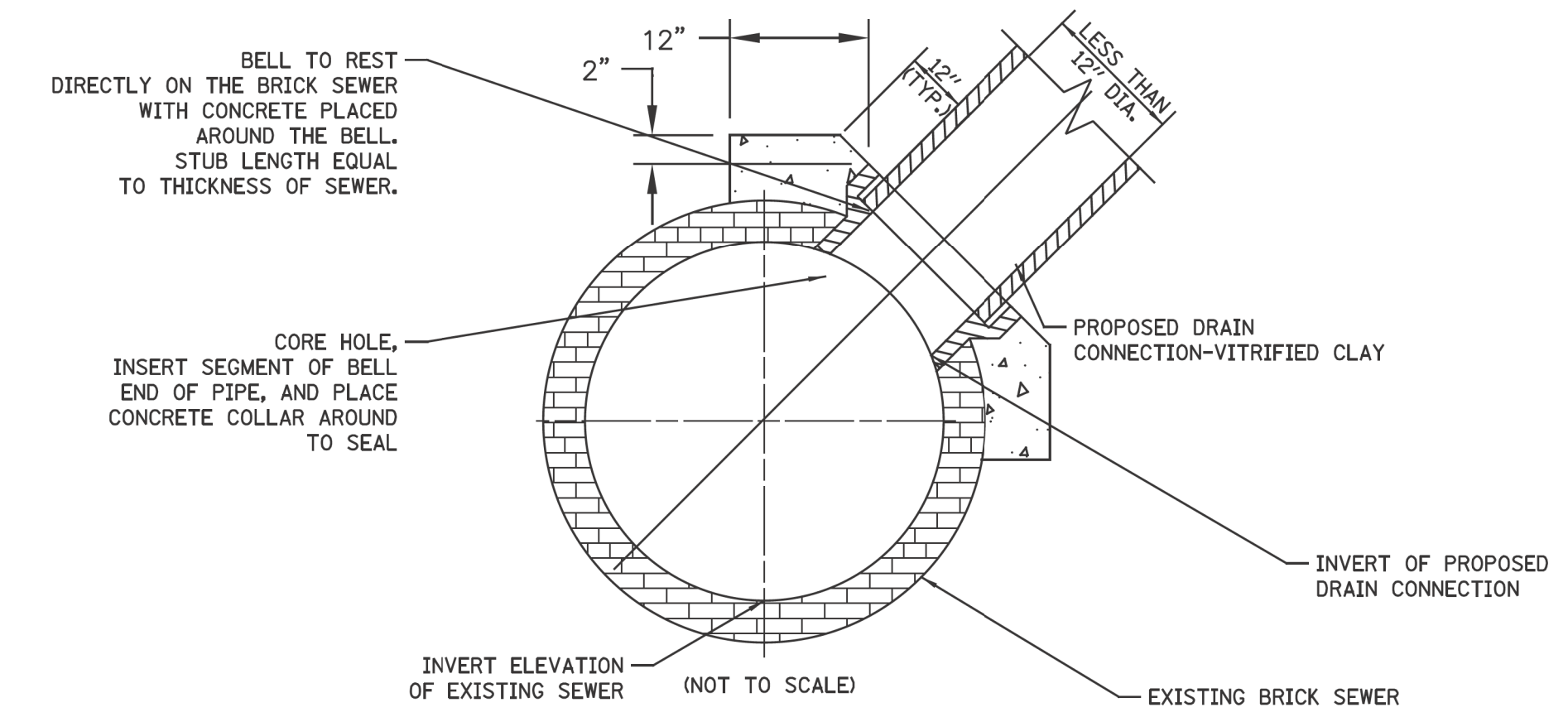
ELEVATION
TYPICAL DRAIN STACKS
FOR FUTURE USE



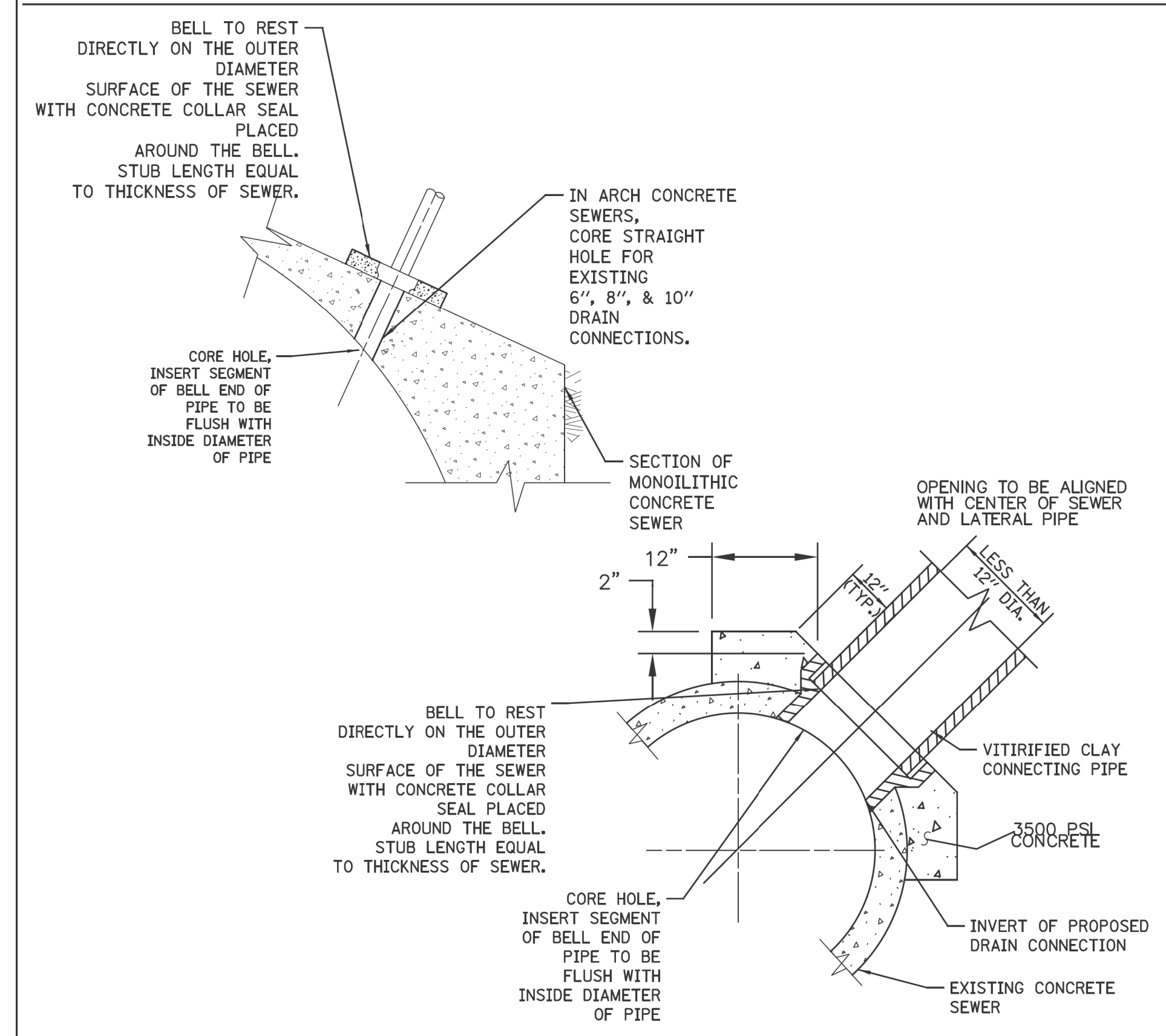
ELEVATION
TYPICAL DRAIN CONNECTIONS
FOR EXISTING DRAINS

FOR CONCRETE SEWERS

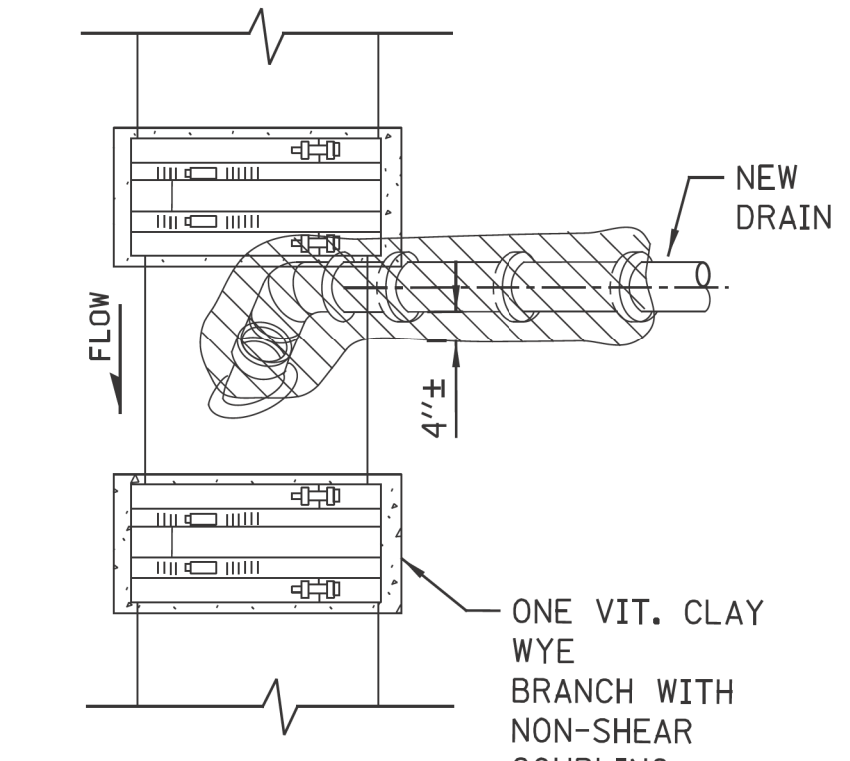
- NOTES:
1. ALL DRAIN CONNECTION JOINTS MUST BE MADE AS SPECIFIED IN SPECIFICATIONS..
 2. FOR BACKFILL OF HATCHED SUPPORT AREAS, USE CONCRETE, CA-11, FLOWABLE FILL, OR CLSM.
 3. CONNECTIONS TO CONCRETE/BRICK SEWERS SHALL BE A MINIMUM OF 4 FEET APART.



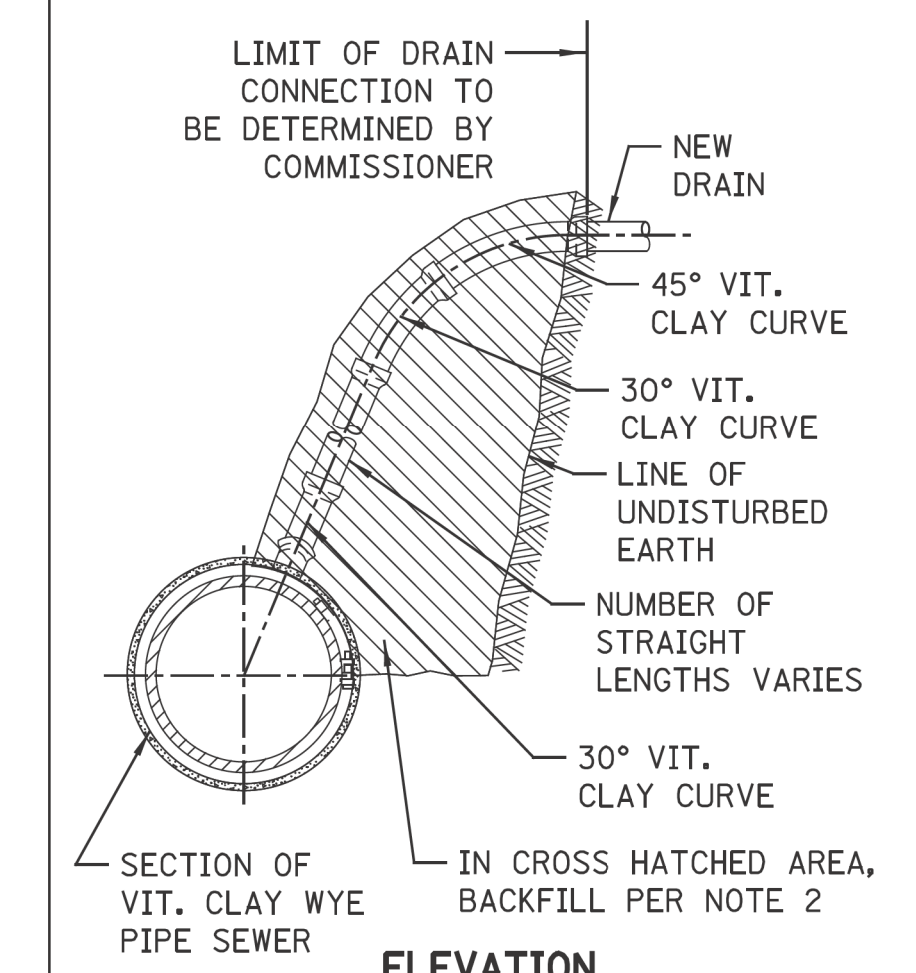
FOR BRICK SEWERS



FOR CONCRETE SEWERS

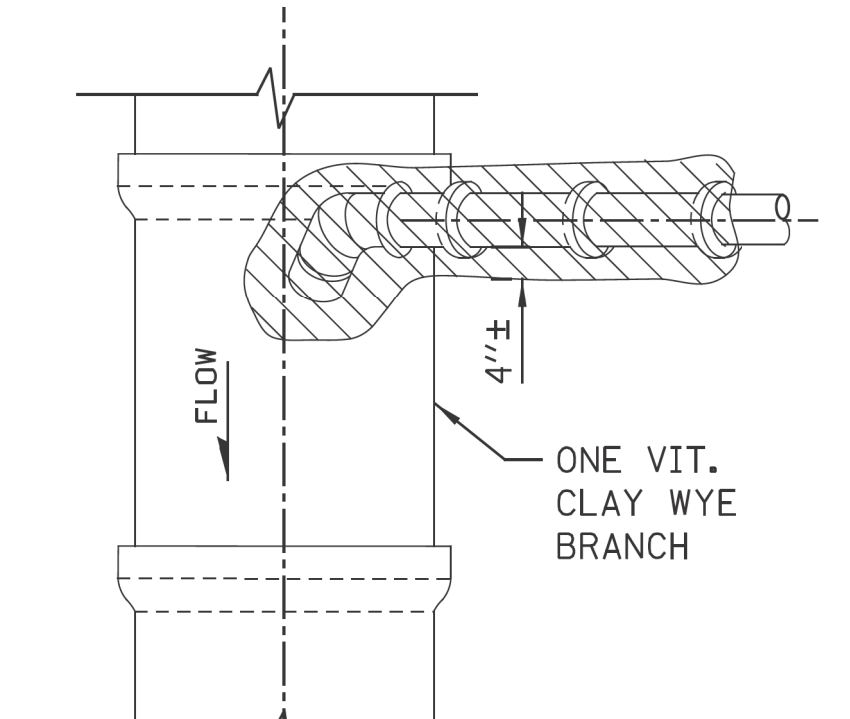


PLAN

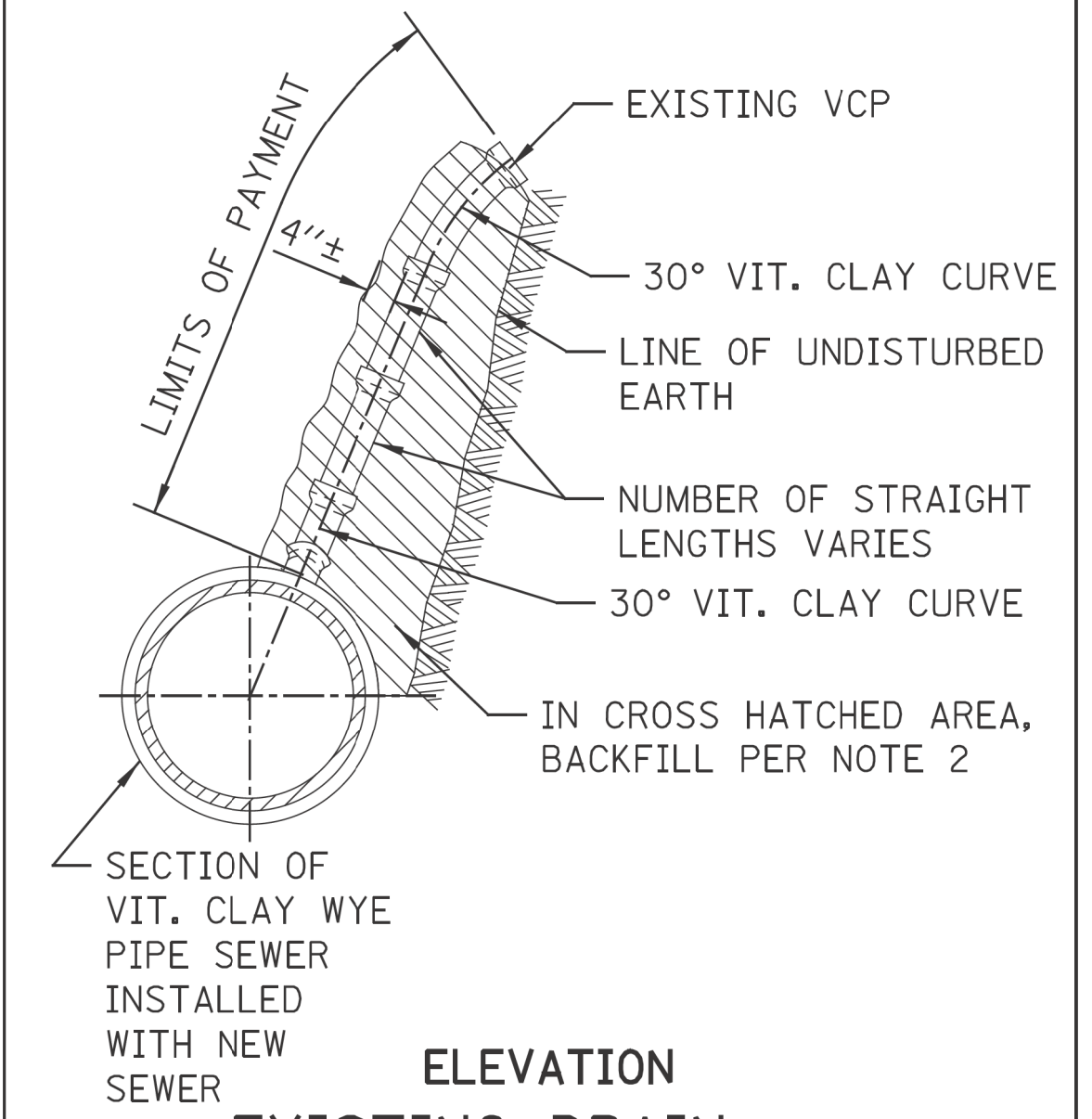


- NOTES:
- 1.. Maximum of 6", 8", and 10" drains connections can be cored into minimum 12", 15", and 18" VCP sewers, respectively. All other sizes use new wyes with non-shear couplings encased in concrete.
 - 2.The Installation of wye connections on lined sewers need prior approval from DWM

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: SBW DESIGNED: CHECKED: GD, GC, SO REVIEWED: A.1
DATE	DESCRIPTION				
4/21/21	REVISED PLAN	30		VITRIFIED CLAY PIPE(VCP) DRAIN CONNECTIONS	____ OF ____ PN ____
		60			
		75			
		90			
		100			
		BULLETIN			

CDWM_Details.cel 4/21/2021 4:32:49 PM

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

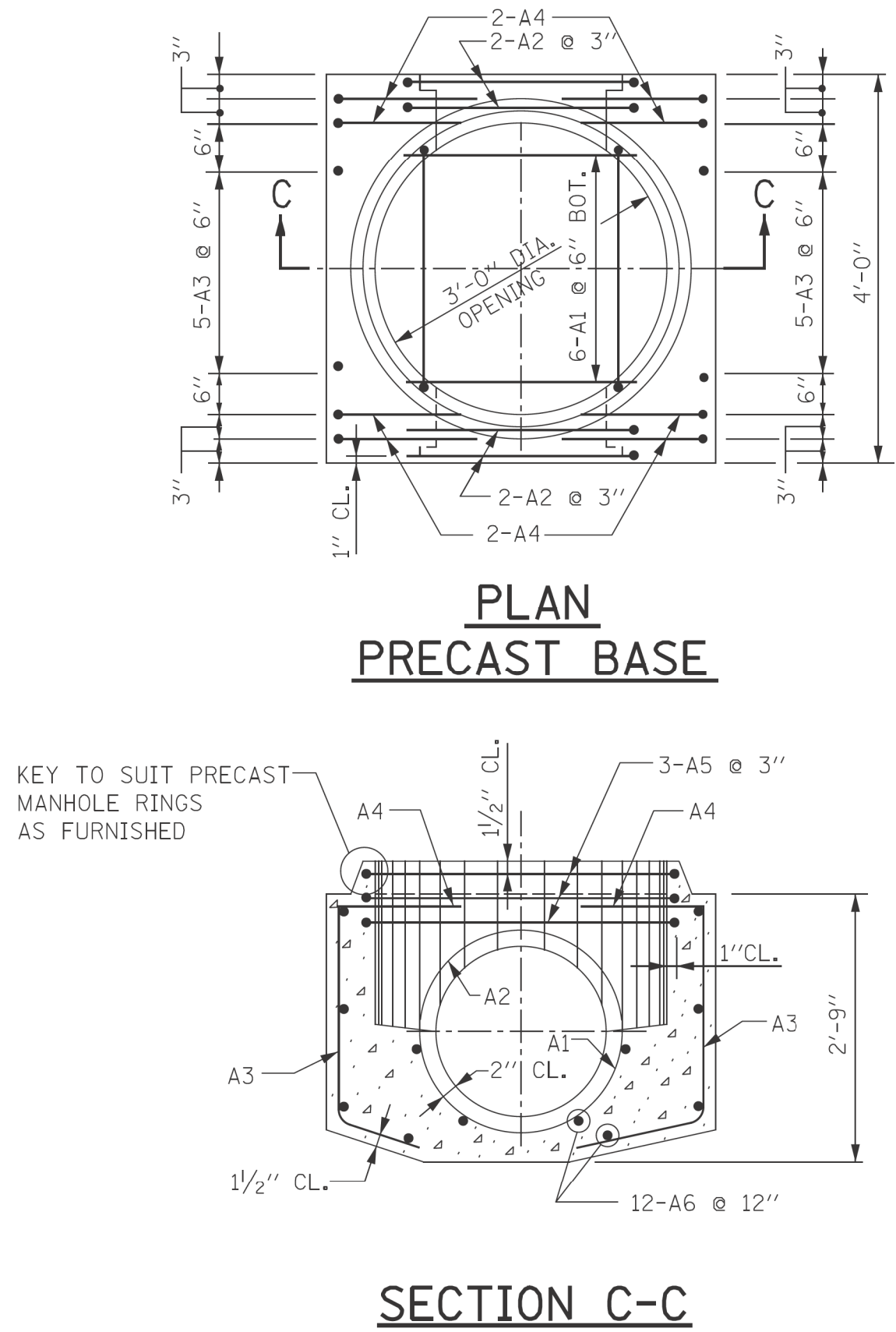
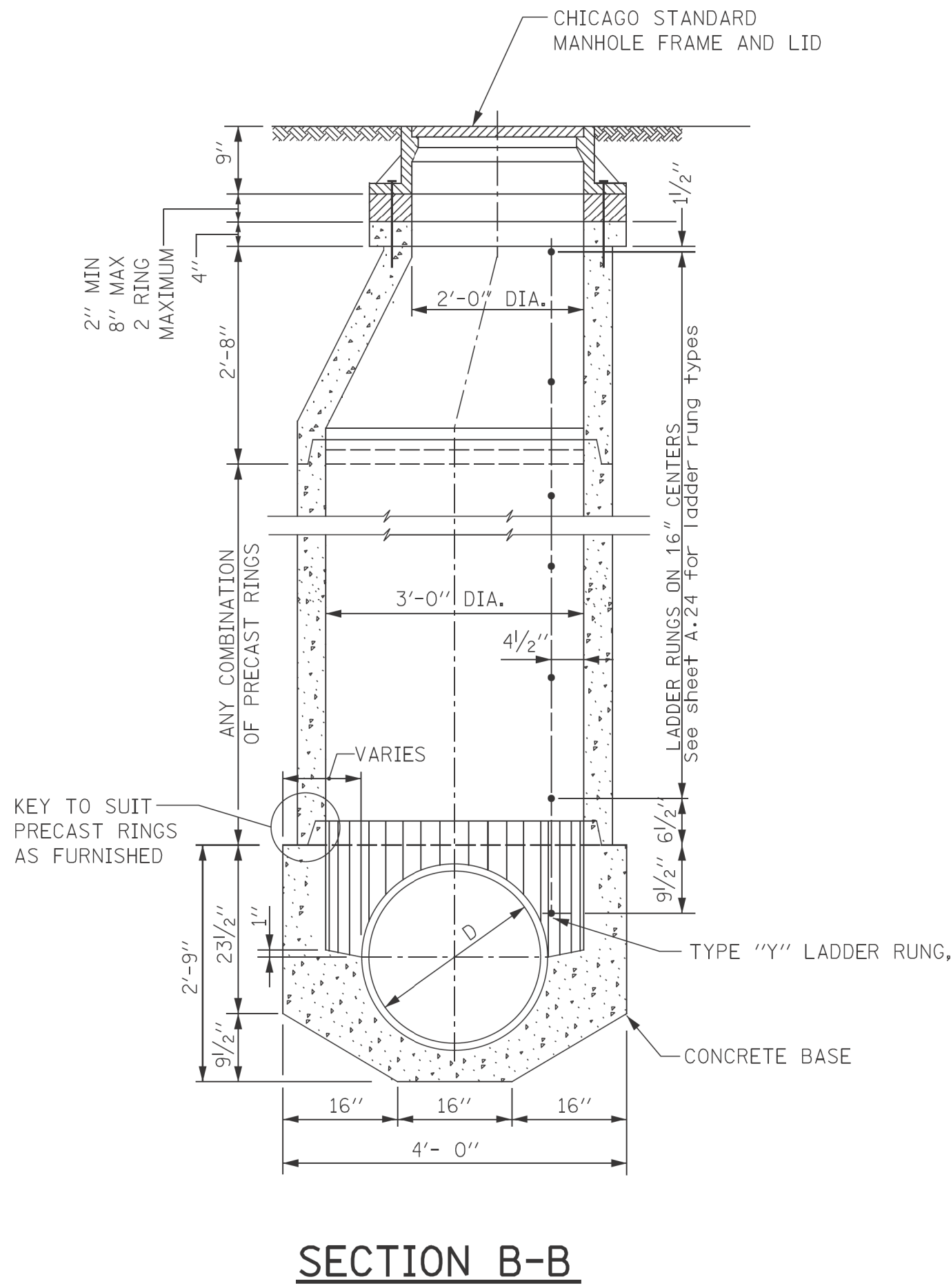
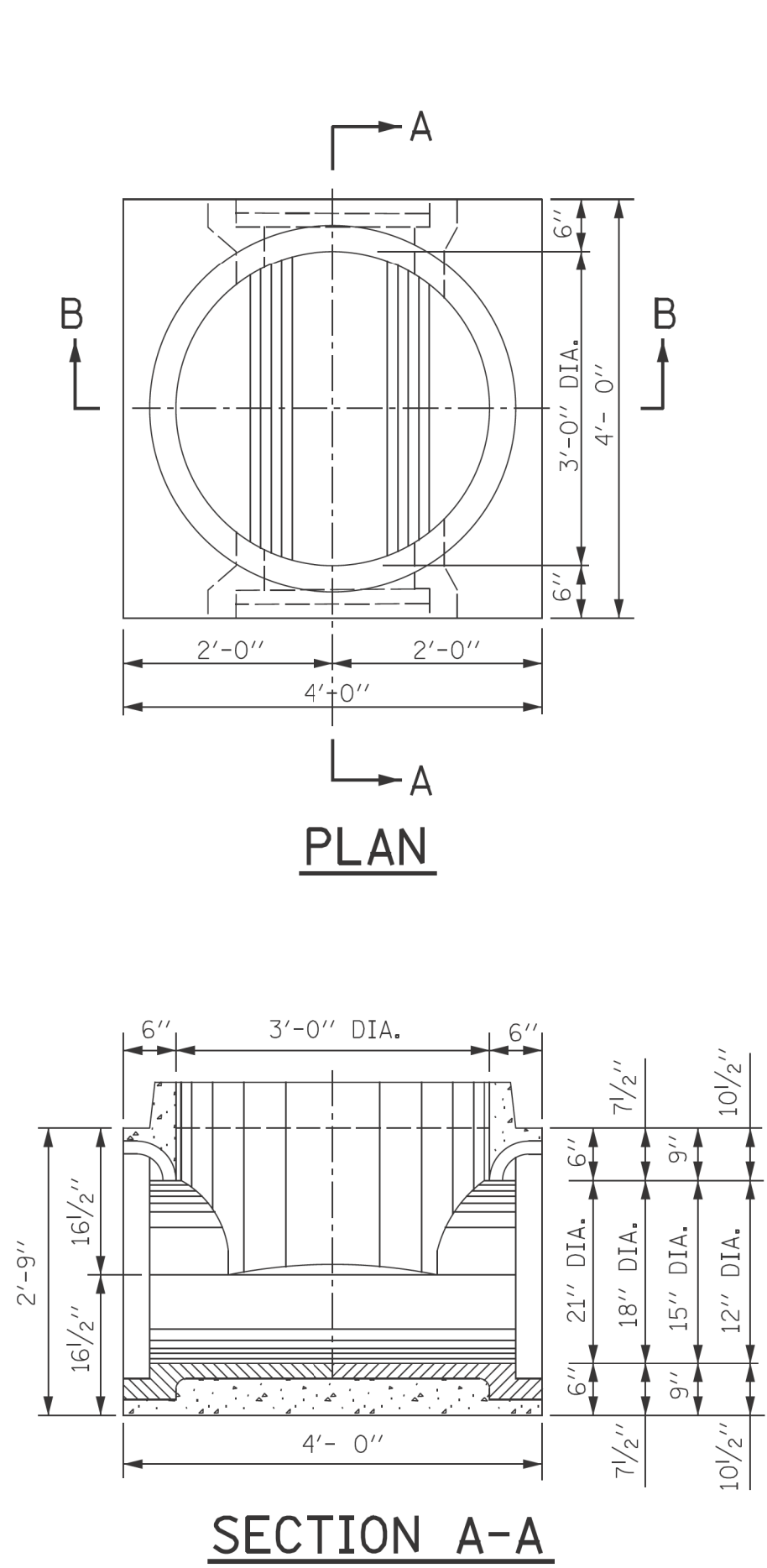
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD

CDWM STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #124701	COOK	26	18
STA. TO STA.	SCALE: NTS		

MODEL: Default
FILE NAME: W_2025_ Projects\Green Alley\0_PBC Alley Revisions\2025\Package 6\CADD Drawings\22-CP46_W_16th St & S. Central Park_Ave\CADD Sheets\CP46-shit-drum-2.dgn

\$FILE\$
\$DATE\$



NOTE:
6" MINIMUM GRANULAR EMBEDMENT
UNDER ALL PRECAST MANHOLE BASES

SCHEDULE OF REINFORCEMENT																			
STRUCTURE	REINFORCEMENT BAR							BENDING DIMENSIONS											
	MARK	SIZE NO.	TYPE	LENGTH	NO. REOD.	WEIGHT EACH	TOTAL LBS	A	B	C	D	E	F	G	H	J	K	O	R
BASES FOR TYPE "A" MANHOLES (PRECAST)	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																		
	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																		
	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"				14 1/2"		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										20"	3'-3 1/4"	
	15A6	4	STR	3'-8"	12	2.45	30												
	TOTAL																		
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																		
	TOTAL																		

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

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DRAWN	-	CHECKED	-	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
24th WARD

CDWM STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

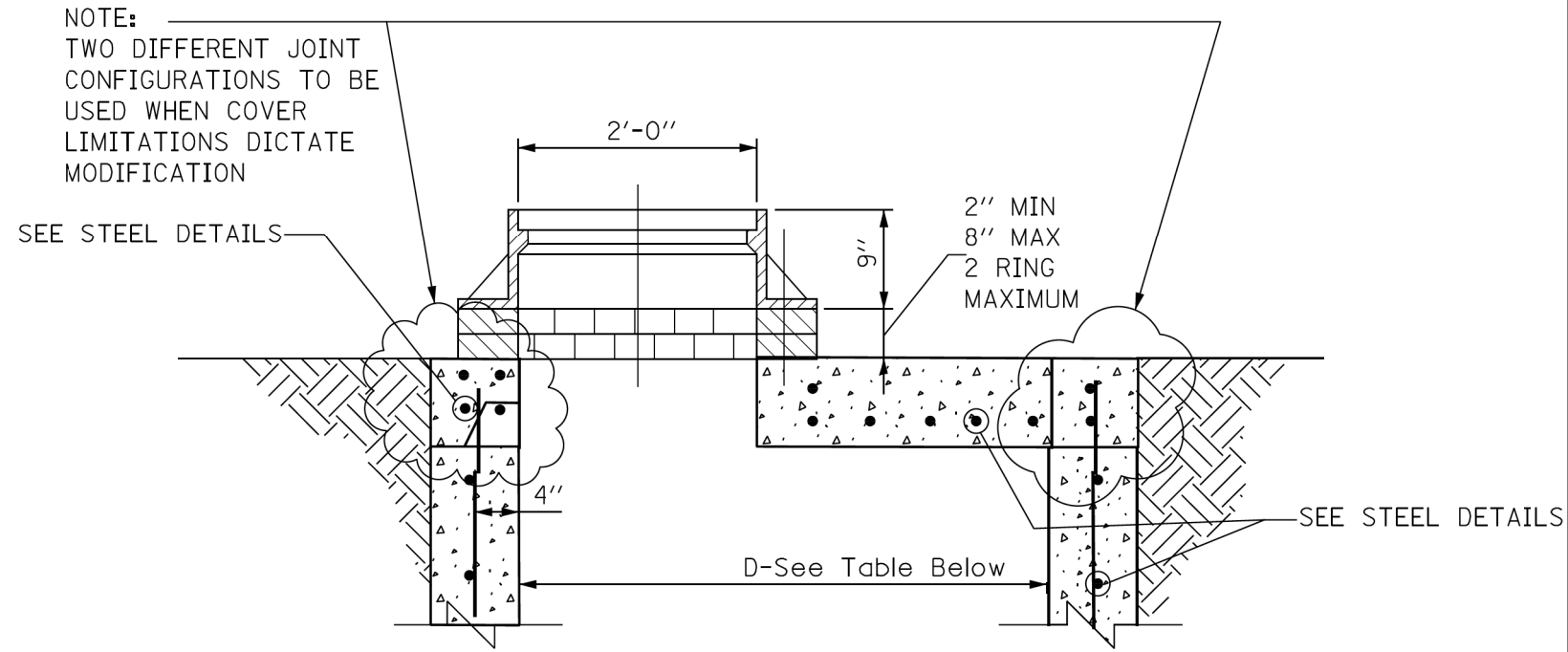
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OUC IR #124701	COOK	26	19
STA.	TO STA.	SCALE:	NTS

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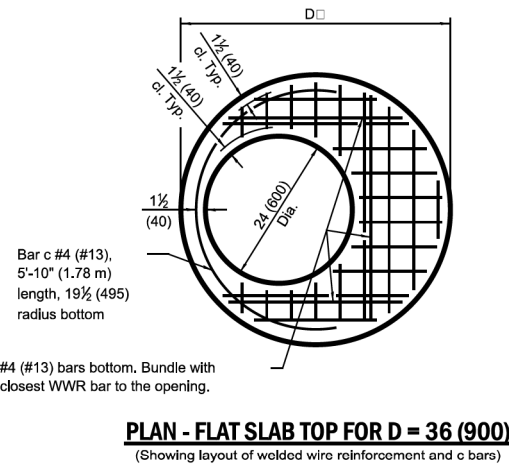
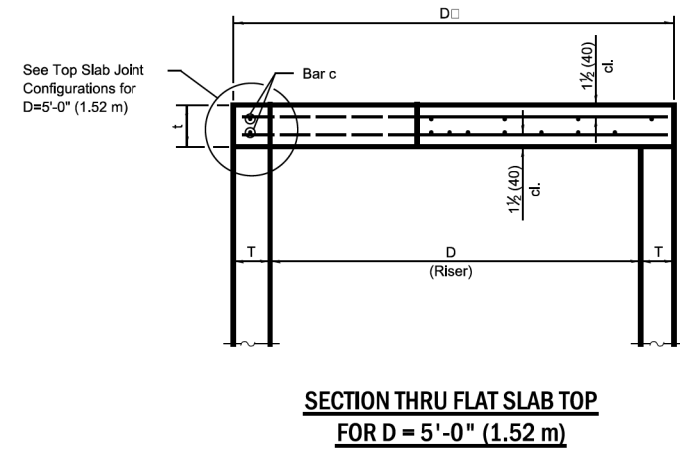
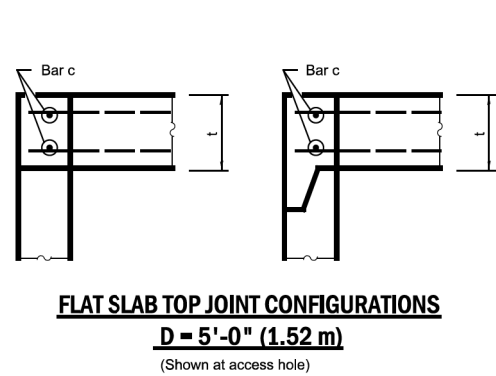
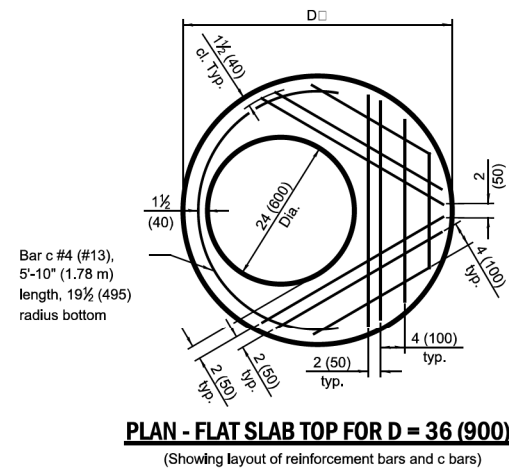
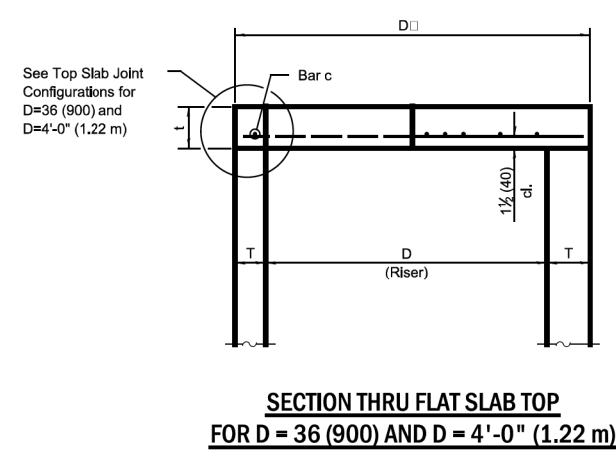
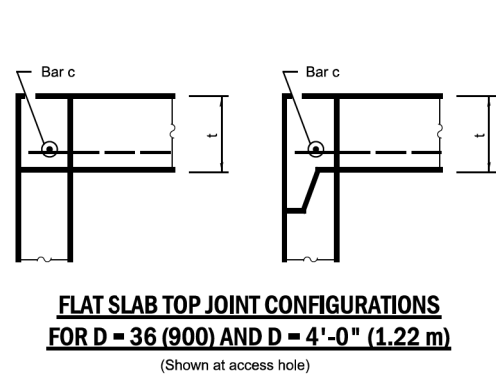
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NOTES:
FLAT TOP SLAB APPLICATION CAN ONLY BE USED WITH
WRITTEN PERMISSION FROM CDWM.
USE LATEST IDOT DETAIL, #602601-06,
AS REFERENCED ON THE IDOT WEBSITE.



STANDARD FLAT TOP SLAB
FOR CATCH BASINS



GENERAL NOTES

The flat slab top may be used in lieu of the tapered top
shown on Standards 602091, 602016, or 602066 at the option
of the Contractor or when field conditions prohibit the use of
tapered tops.

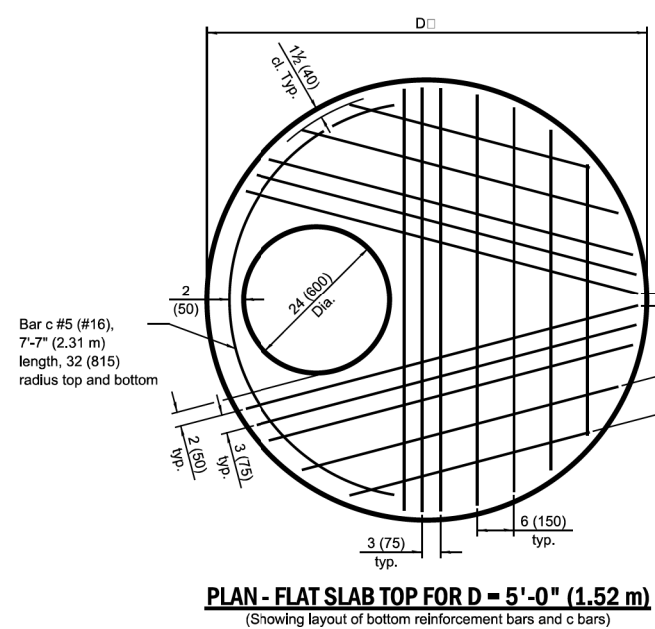
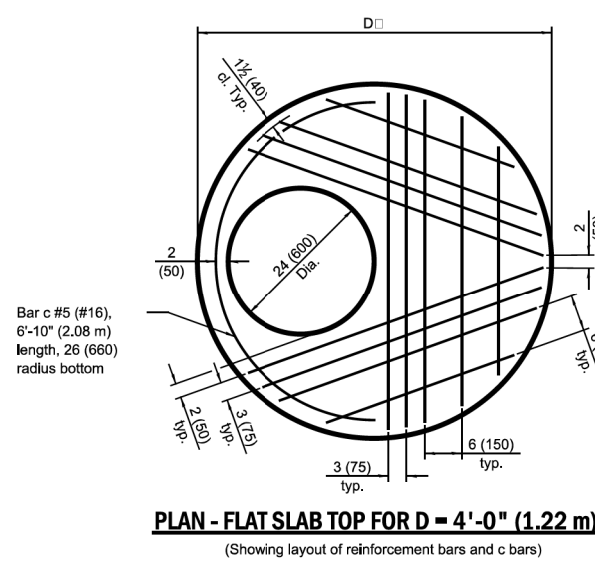
Lifting holes shall be located in the sections as per the
manufacturer's recommendations.

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

PRECAST REINFORCED
CONCRETE FLAT SLAB TOP

(Sheet 1 of 2)

DETAIL



FLAT SLAB TOP REINFORCEMENT FOR D = 36 (900)

Location	WWR (each direction)		Rebar	
	A (in/L)	Spacing (max.)	Spacing (max.)	Bar Size
Bottom	* 0.90 sq. in./ft. (1270 sq. mm/m)	6	See plan view for rebar orientation and spacing and this table for bar size	#4
Mat		(150)		(#13)

FLAT SLAB TOP REINFORCEMENT FOR D = 4'-0" (1.22 m)

Location	WWR (each direction)		Rebar	
	A (in/L)	Spacing (max.)	Spacing (max.)	Bar Size
Bottom	* 0.82 sq. in./ft. (1312 sq. mm/m)	6	See plan view for rebar orientation and spacing and this table for bar size	#5
Mat		(150)		(#16)

FLAT SLAB TOP REINFORCEMENT FOR D = 5'-0" (1.52 m)

Location	WWR (each direction)		Rebar (each direction except as noted)	
	A (in/L)	Spacing (max.)	Spacing (max.)	Bar Size
Top	0.11 sq. in./ft. (233 sq. mm/m)	18	0.11 sq. in./ft. (233 sq. mm/m)	#8 or #4
Mat	* 1.40 sq. in./ft. (847 sq. mm/m)	6	See plan view for rebar orientation and spacing and this table for bar size	#4
Bottom		(150)		(#13)

* Only one layer of WWR permitted to avoid congestion.

PRECAST REINFORCED
CONCRETE FLAT SLAB TOP

(Sheet 2 of 2)

DETAIL

STANDARD REVISIONS	
DATE	DESCRIPTION
4/22/21	LAST REVISED
12/6/24	PUBLISHED

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		DRAWN DESIGNED CHECKED	SRM A.20
FLAT TOP SLAB DETAILS		REVIEWED	
			OF
			PN

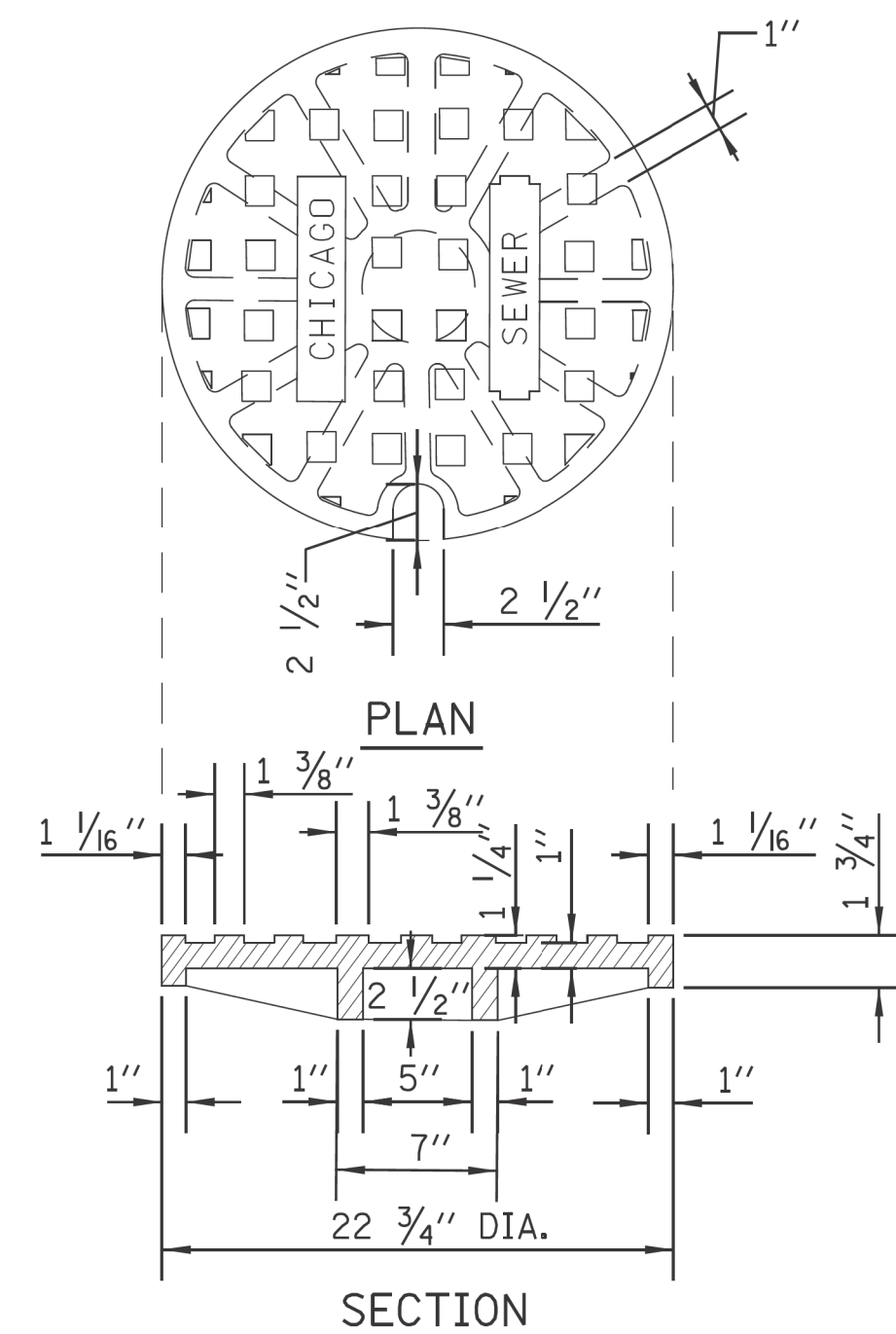
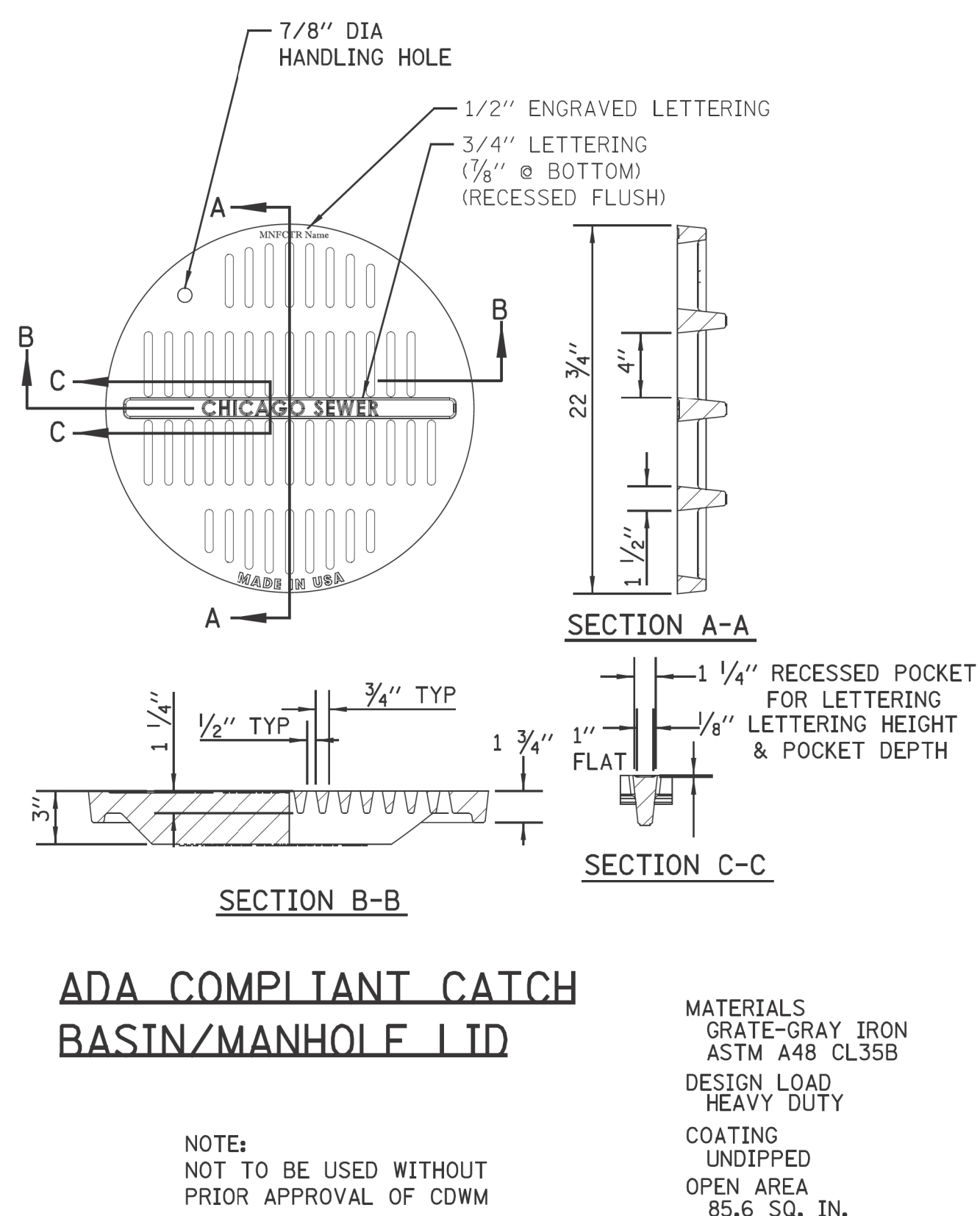
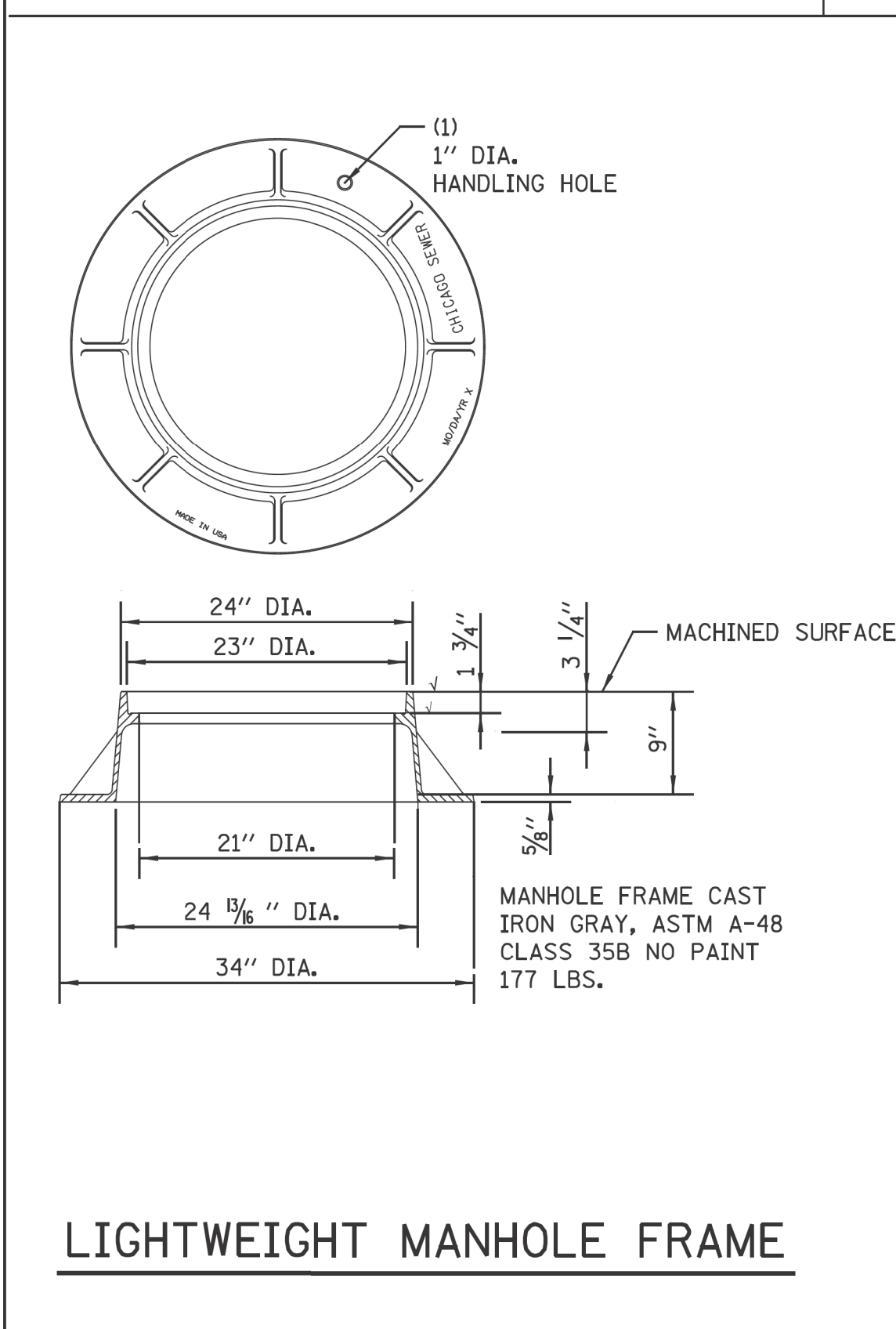
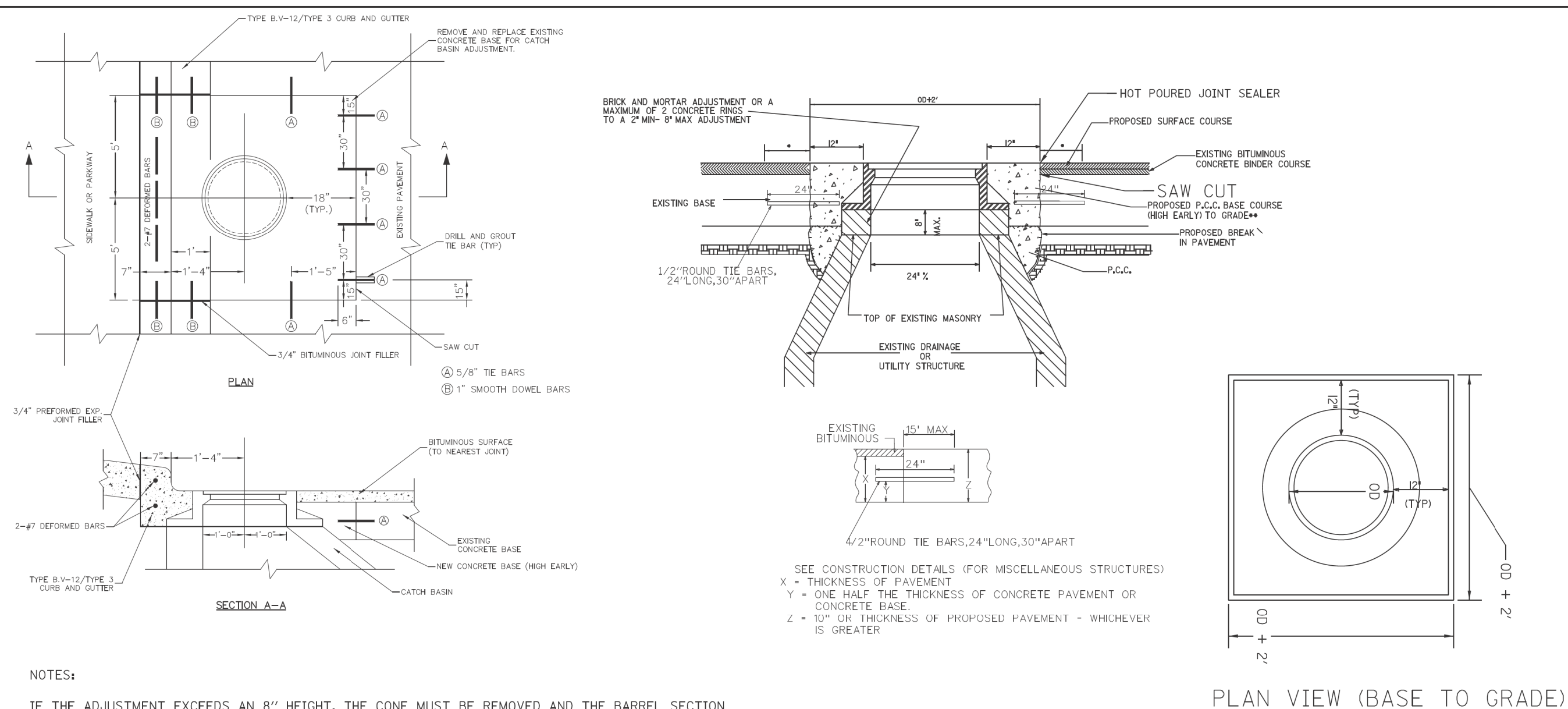
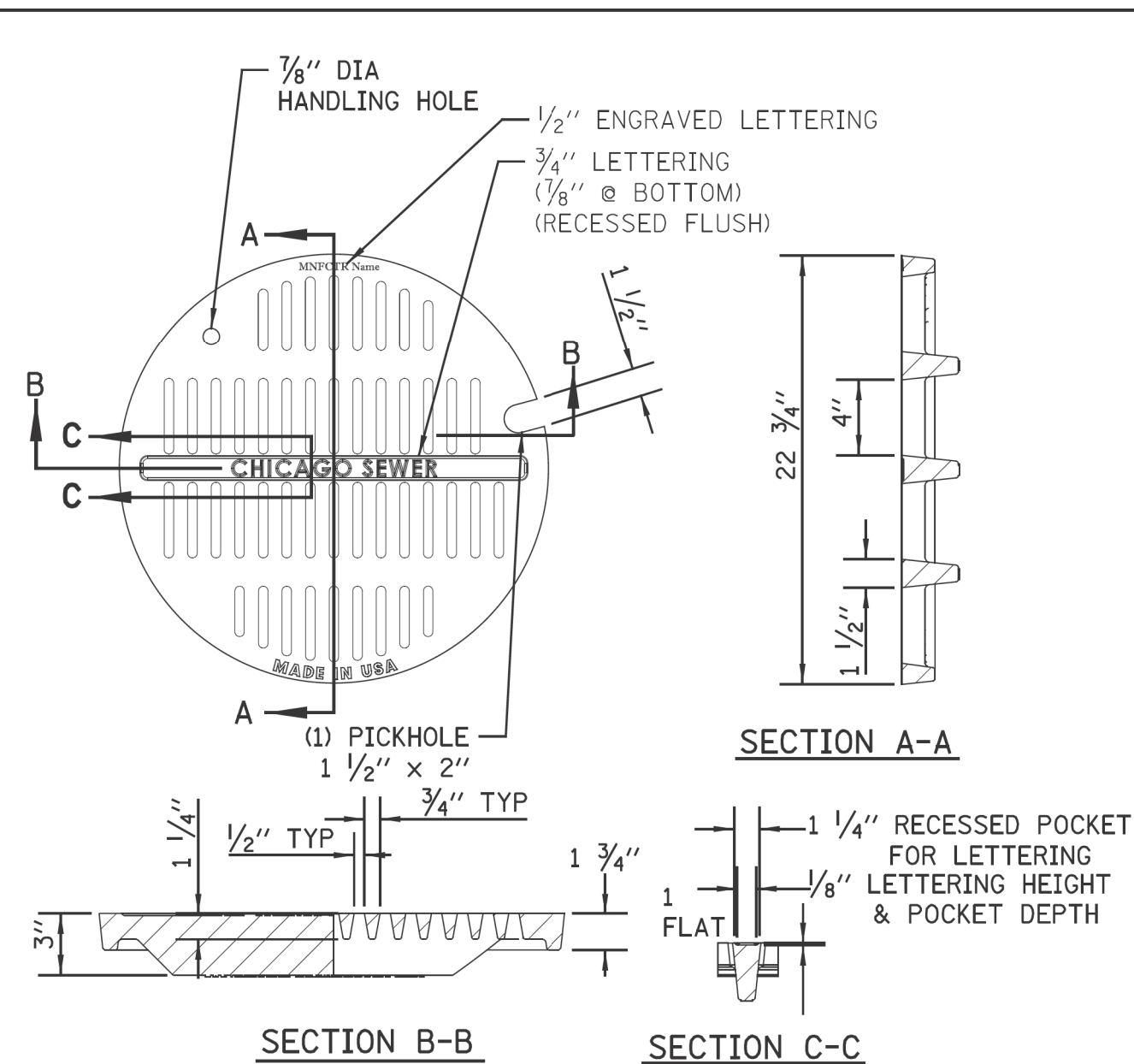
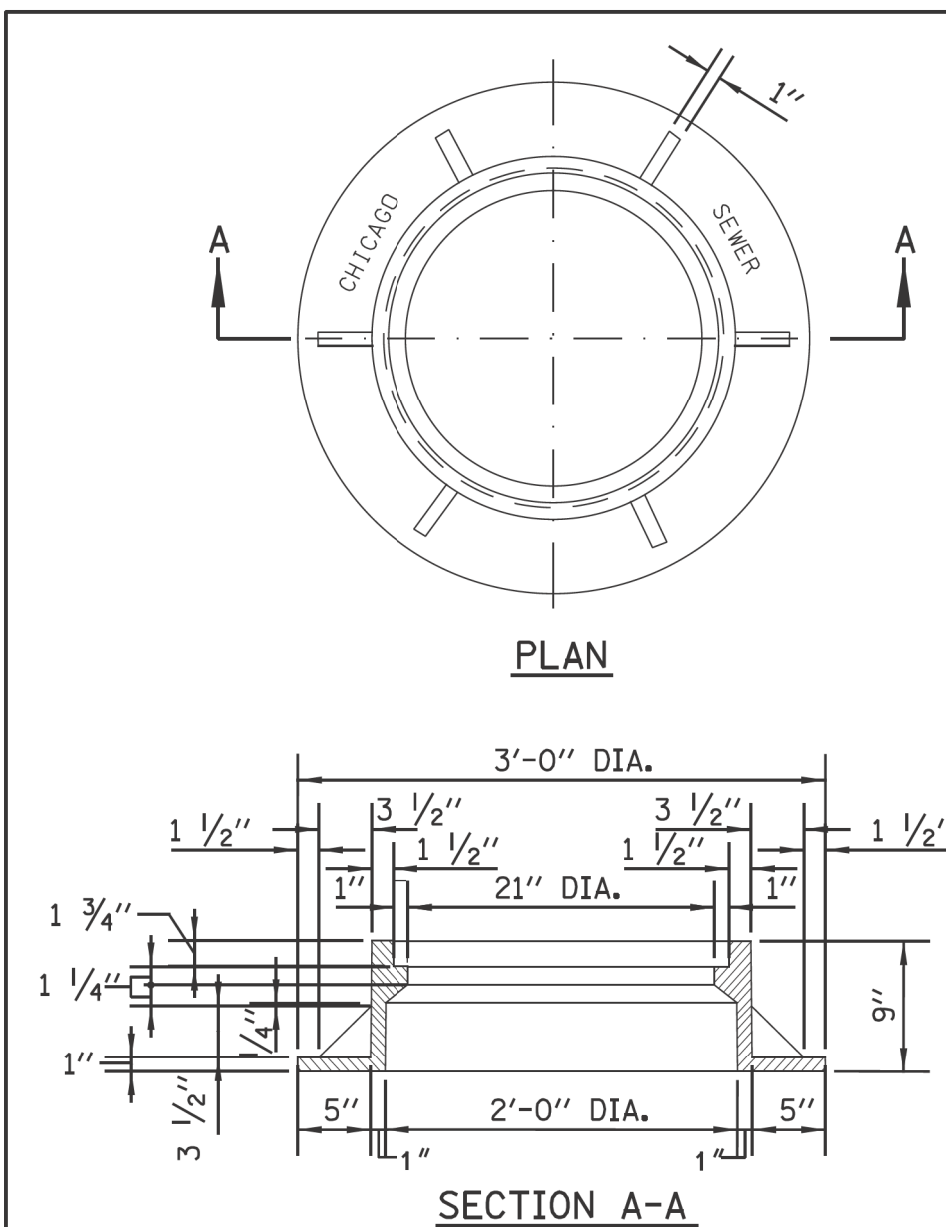


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PLOT SCALE = 10.0000" / in.	DRAWN -	REVISED -
PLOT DATE = 7/1/2025	CHECKED -	REVISED -
DATE - 07/01/2025	DATE -	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD

CDWM STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #124701	COOK	26	20
STA. TO STA.	SCALE: NTS		



STANDARD REVISIONS	
DATE	DESCRIPTION
2/5/21	Approved

PERCENT COMPLETE	DATE
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CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN: <u>SW</u> DESIGNED: <u> </u> CHECKED: <u> </u> GD, GC, SD REVIEWED: <u> </u>	A.21 _____ OF _____ PN _____
	MANHOLE LIDS AND FRAMES	

Left Diagram Labels:

- #5 DOWEL BAR @ CONSTRUCTION JOINT
- Note: Positive Summit for Drainage
- CHICAGO FRAME & LID
- 4" MAXIMUM (TYP)
- 8" VIT. CLAY, 1' VERTICAL HALF TRAP
- PRECAST CONCRETE ADJUSTMENT RING
- 2'-0" DIA.
- 2" MIN 8" MAX 2 RING MAXIMUM
- PRECAST REINF. CONC. OFFSET CONE
- 2'-10"
- SWIRL CHAMBER
- VORTEX or ORIFICE RESTRICTOR (SEE MISC DETAILS SHEET A.26)
- 1'-0"
- SUMP 3'-4"
- 4'-0" DIA.
- 7'-4"
- 4'-6"
- 15"

Right Diagram Labels:

- TYPE B CURB & GUTTER Per CDOT Details
- 1/2" ROUND TIE BARS 30" LONG, 30" C/C
- TYPE B-V.12 CURB AND GUTTER Per CDOT Details
- Note: Positive Summit for Drainage
- CHICAGO FRAME & LID
- 4" MAXIMUM (TYP)
- 7"
- 1'-0"
- PRECAST CONCRETE ADJUSTMENT RING
- 2'-0" DIA.
- 2" MIN 8" MAX 2 RING MAXIMUM
- 2-#7 DEFORMED BARS
- PRECAST REINF. CONC. OFFSET CONE
- 2'-0"
- VORTEX or ORIFICE RESTRICTOR (SEE MISC DETAILS SHEET A.26)
- 1'-0"
- SUMP 3'-10"
- 3'-0" DIA.
- 6'-0"
- 4'-0"
- 4"

Common Labels:

- PRECAST REINFORCED BASE AND RISER WITH MINIMUM 6" EMBEDMENT

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

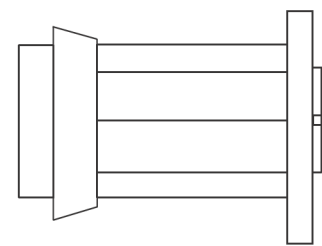
STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES DRAINAGE STRUCTURE DETAILS	DRAWN: _____ DESIGNED: _____ CHECKED: _____ REVIEWED: _____	SIZE A.22
DATE	DESCRIPTION	30			_____ OF _____ PN _____	
2/5/21	APPROVED	60				
_____	_____	75				
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		BULLETIN				



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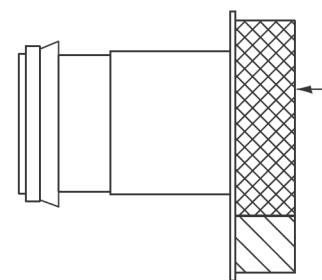
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DRAINAGE STRUCTURES
RESTRICTORS



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:

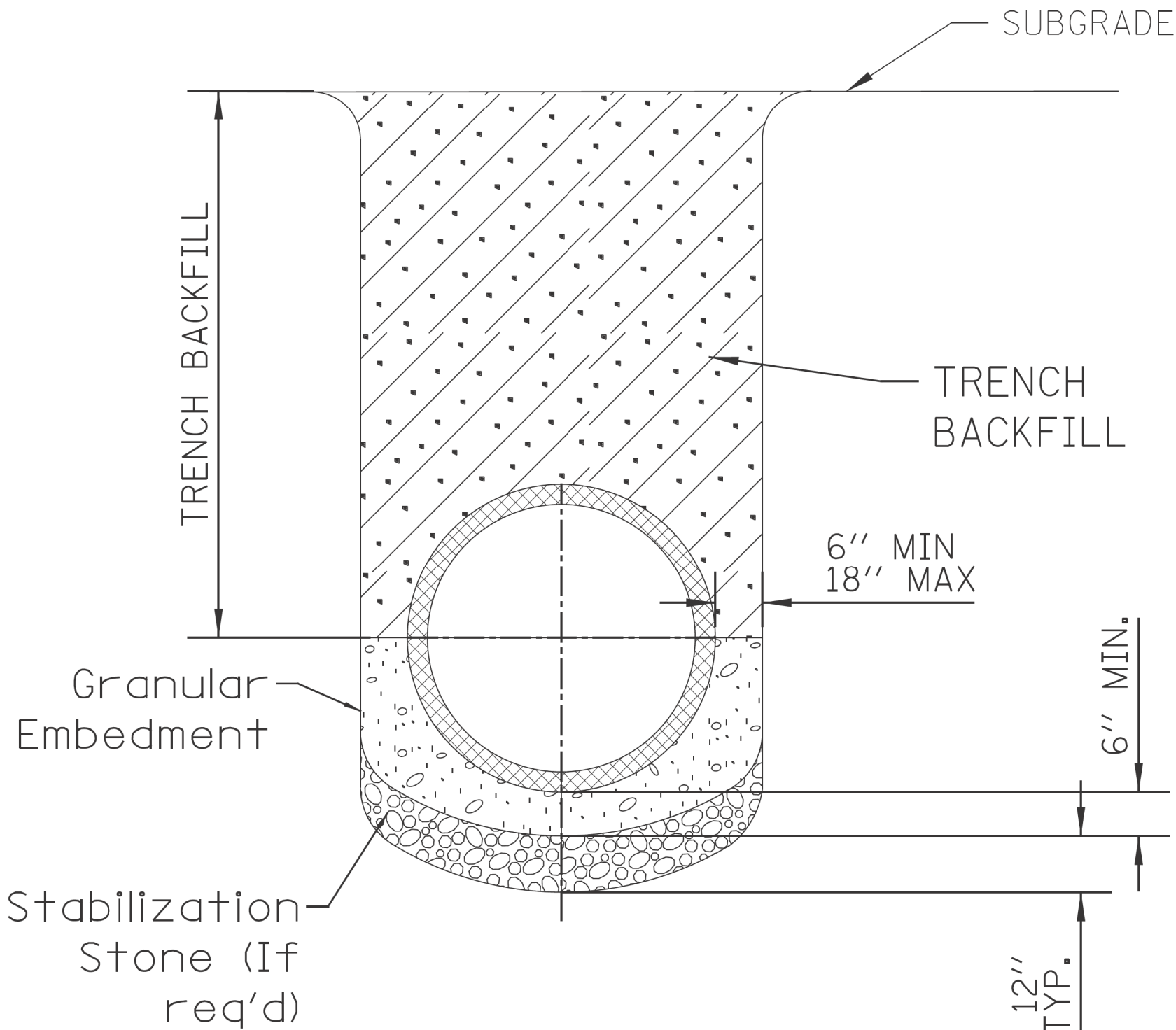
THE DWM'S RAIN BLOCKER RESTRICTOR PROGRAM MUST BE MAINTAINED WITH ANY ROADWAY IMPROVEMENT.

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.

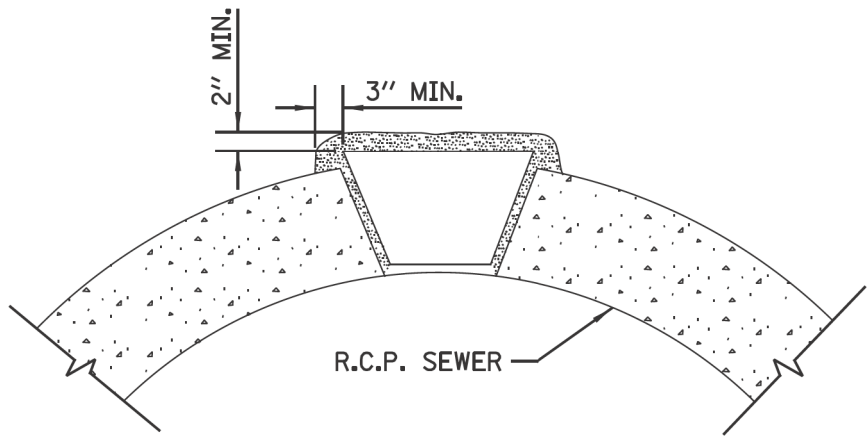


NOTE:

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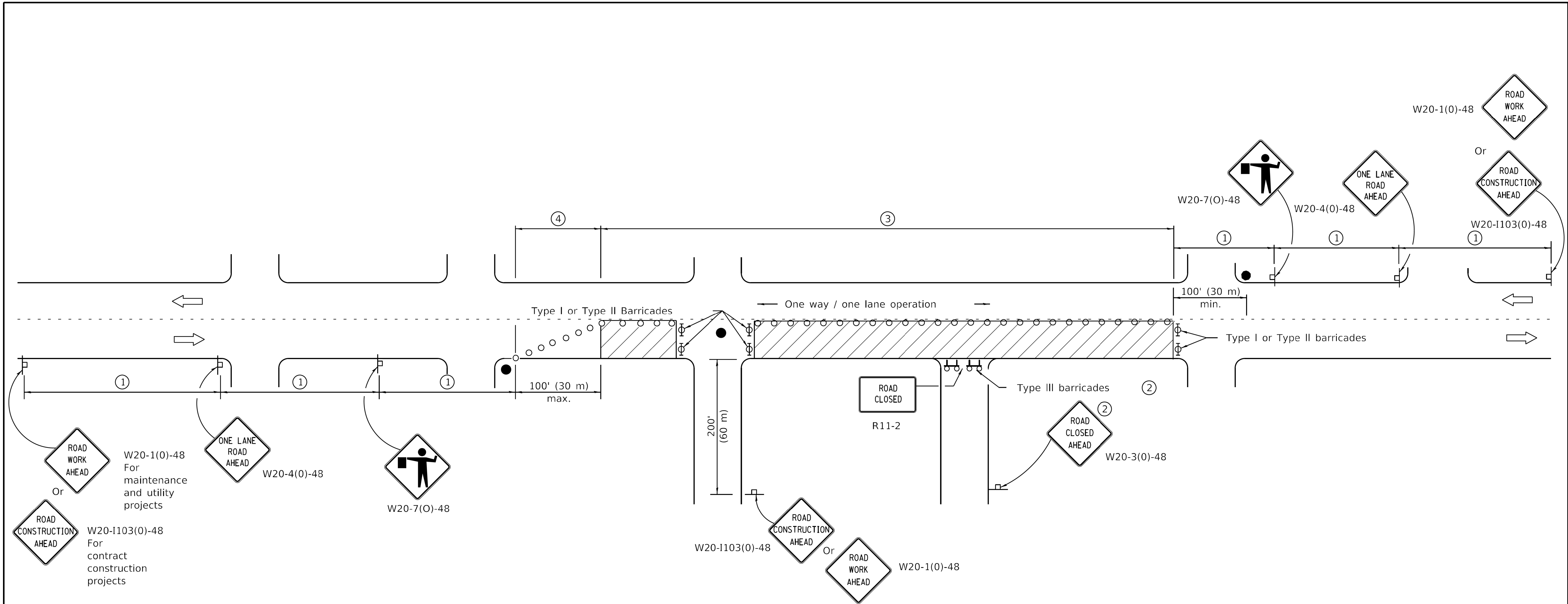
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PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD

CDWM STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #124701	COOK	26	23
STA. TO STA.	SCALE: NTS		

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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	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
1-1-11	Revised flagger sign.	
		STANDARD 701501-06
1-1-09	Switched units to	
	English (metric).	
	Corrected sign No.'s.	

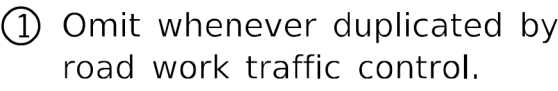


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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/1/2025	DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
24th WARD

IDOT STANDARD DETAILS
PBC PROJECT NO # 22922
W. 16TH STREET - W. OGDEN AVENUE
S. CENTRAL PARK AVENUE - S. DRAKE AVENUE

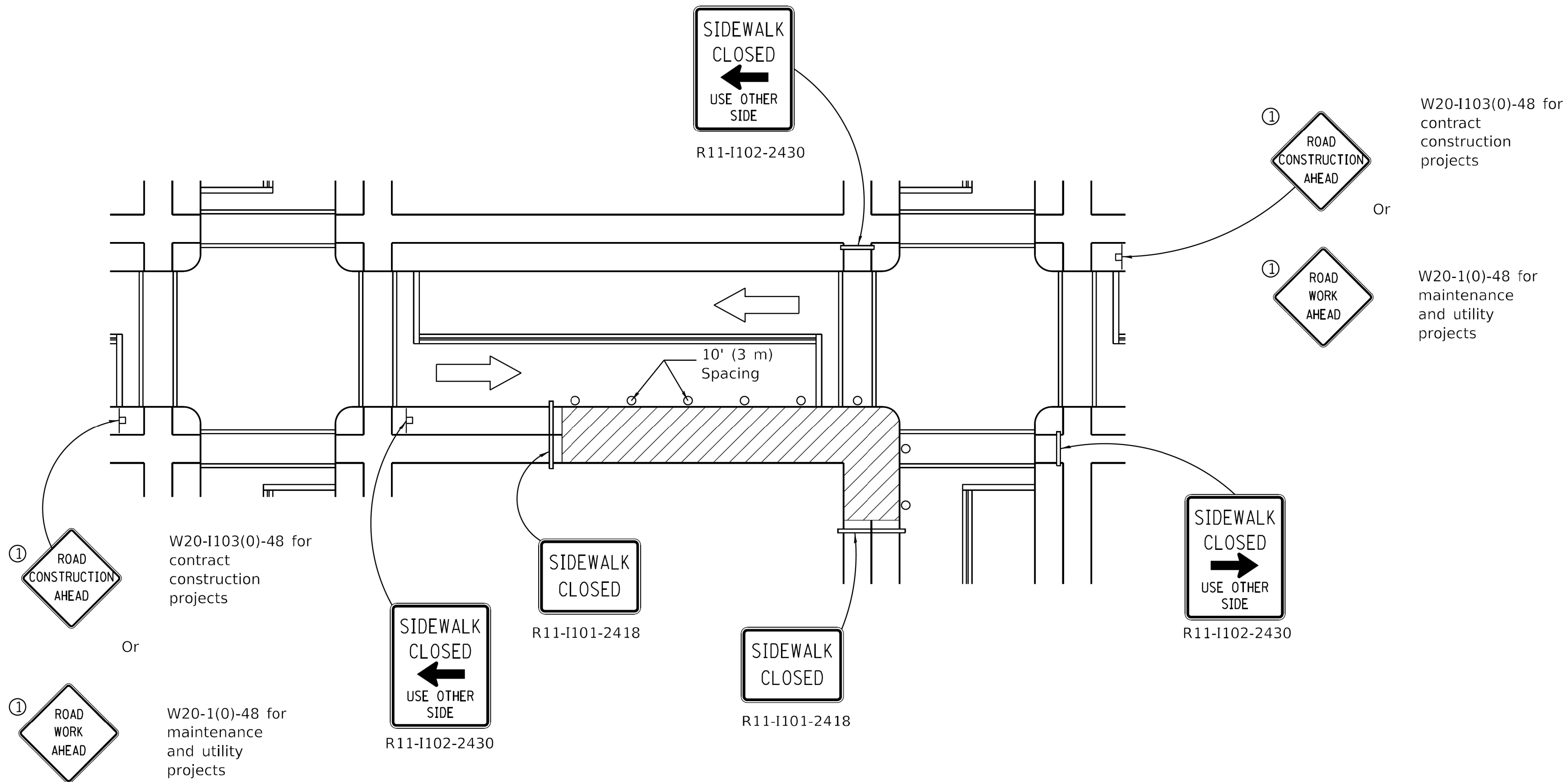
OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #124701	COOK	26	24
STA. TO STA.	SCALE: NTS		



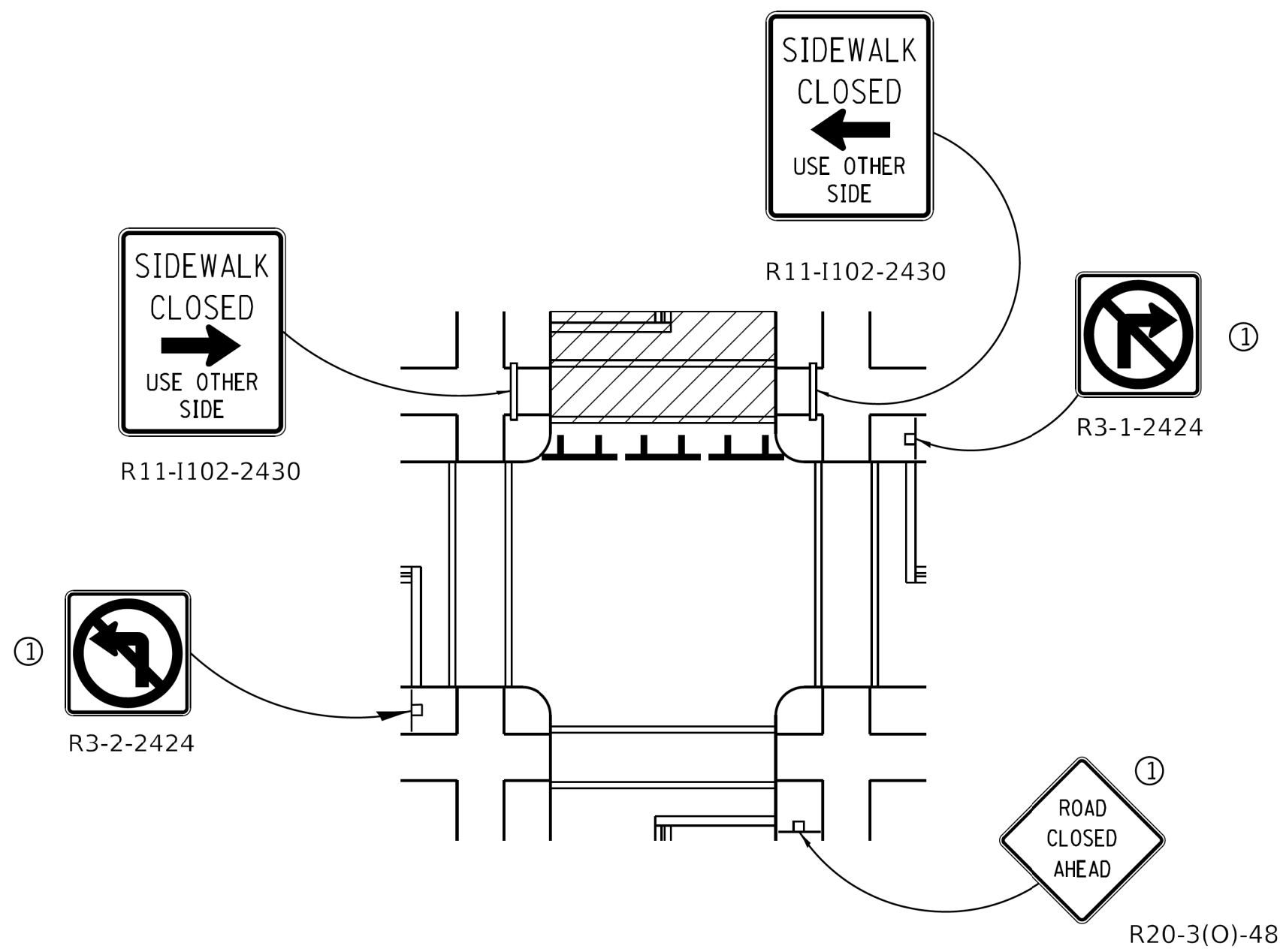
OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #124701	COOK	26	25
STA. TO STA.	SCALE: NTS		

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE - 07/01/2025	ISSUED FOR BID - 07/10/2025

IDOT STANDARD DETAILS
PBC PROJECT NO # 22922
 W. 16TH STREET - W. OGDEN AVENUE
 S. CENTRAL PARK AVENUE - S. DRAKE AVENUE



CORNER CLOSURE



CROSSWALK CLOSURE

**SIDEWALK, CORNER OR
CROSSWALK CLOSURE**

(Sheet 2 of 2)

STANDARD 701801-06

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	

MODEL: Default
FILE NAME: W. 16th St. & S. Central Park Ave (CADD Sheets)CP46-shh-std-3.dgn
PROJECT: Green Alley (PBC) - Project Revisions 2025 Package 6 (CADD Drawings) 22-CP46 W. 16th St. & S. Central Park Ave (CADD Sheets)CP46-shh-std-3.dgn