

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. 23RD STREET/W. 23RD PLACE
S. OAKLEY AVENUE/S. LEAVITT STREET
PBC CONTRACT NO.: C1627
CDOT PROJECT NO.: U-5-241
PBC PROJECT NO.: 22924
ISSUED FOR BID: 07/10/2025
CSR NO.: 2205625586
WARD 25



LOCATION MAP

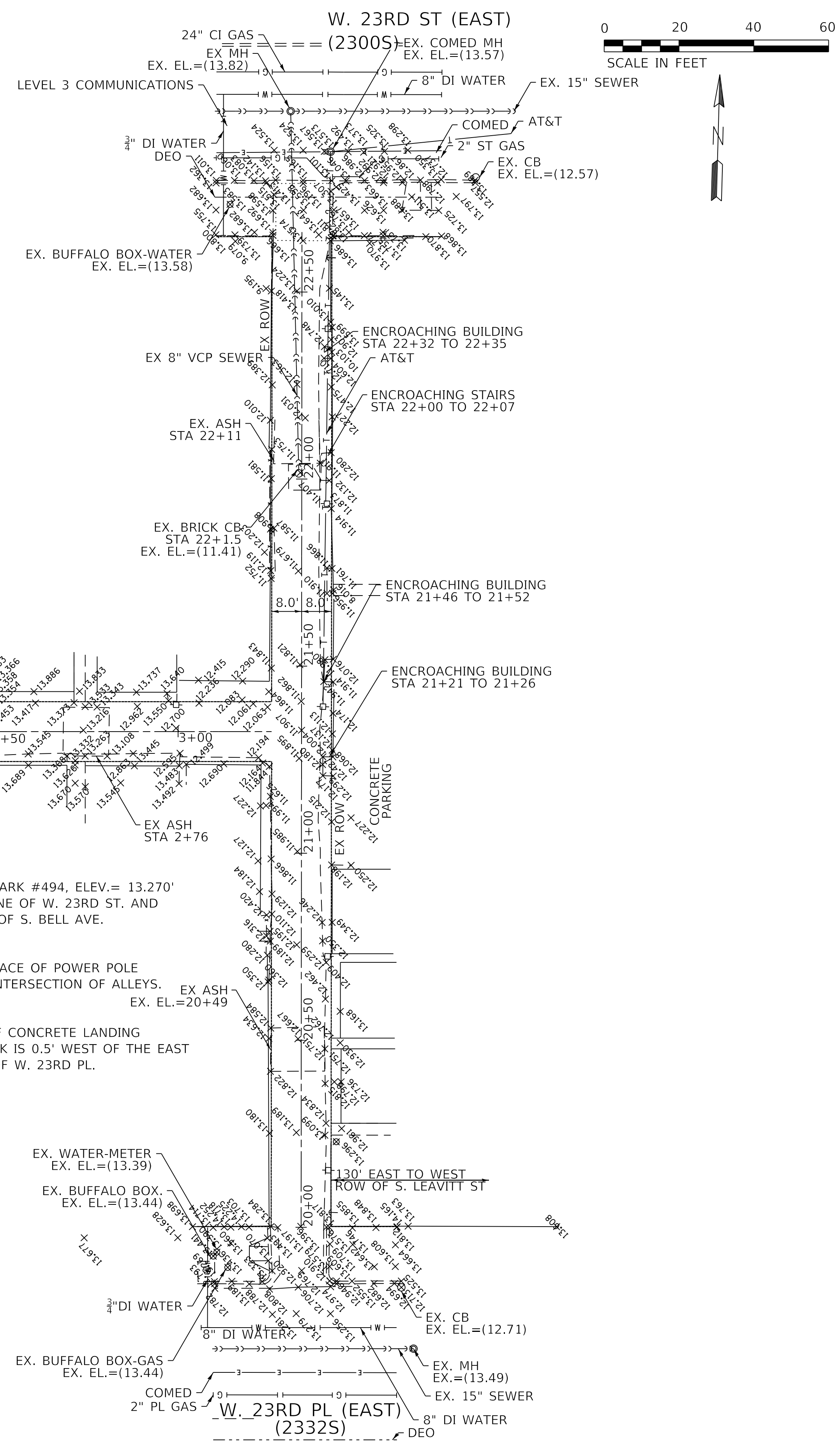
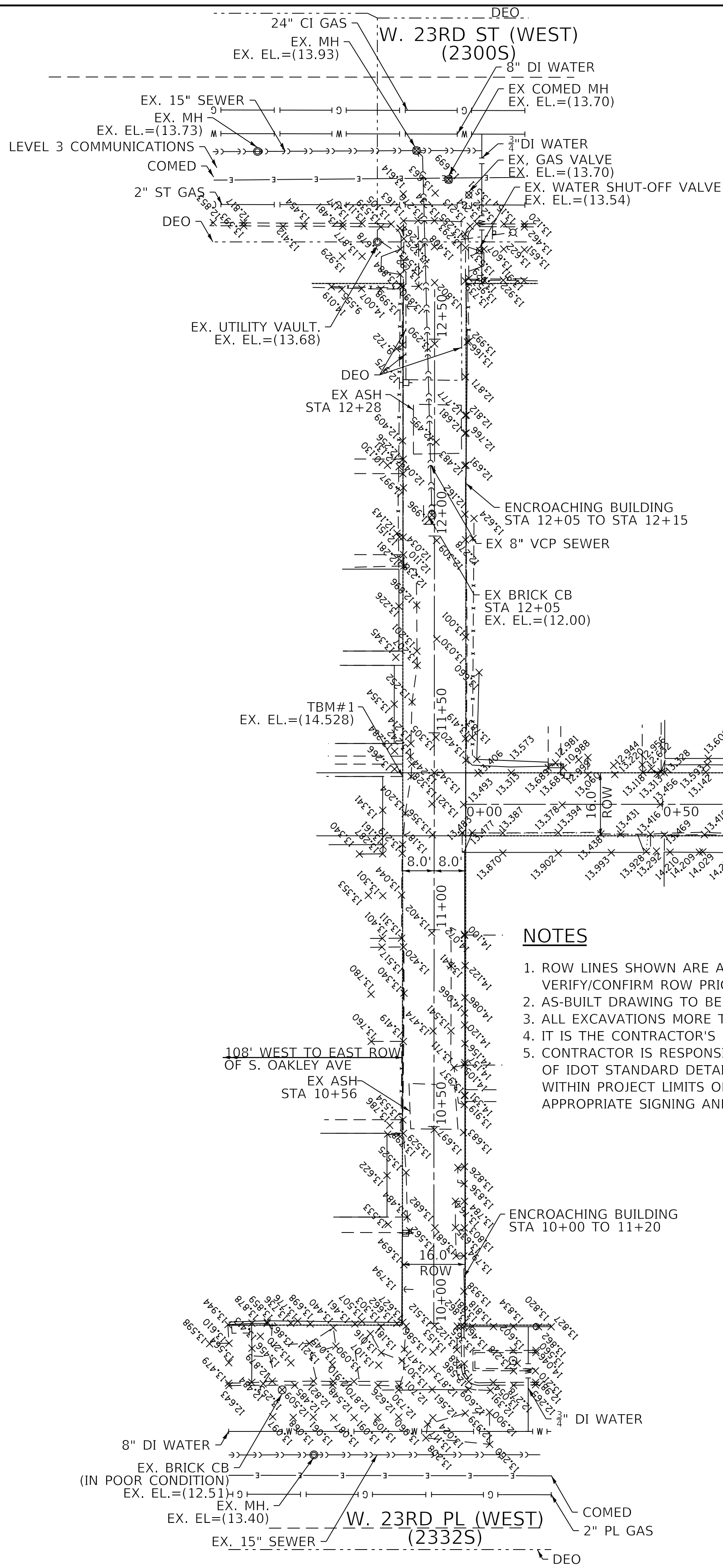
INDEX MAP

LENGTH OF IMPROVEMENT = 853.0 L.F. (0.16 MILES)

INDEX OF SHEETS

SHEET	DESCRIPTION
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19-21	CDOT CONCRETE TRANSITION SEGMENT DETAILS
22-26	CDWM STANDARD CONSTRUCTION DETAILS
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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

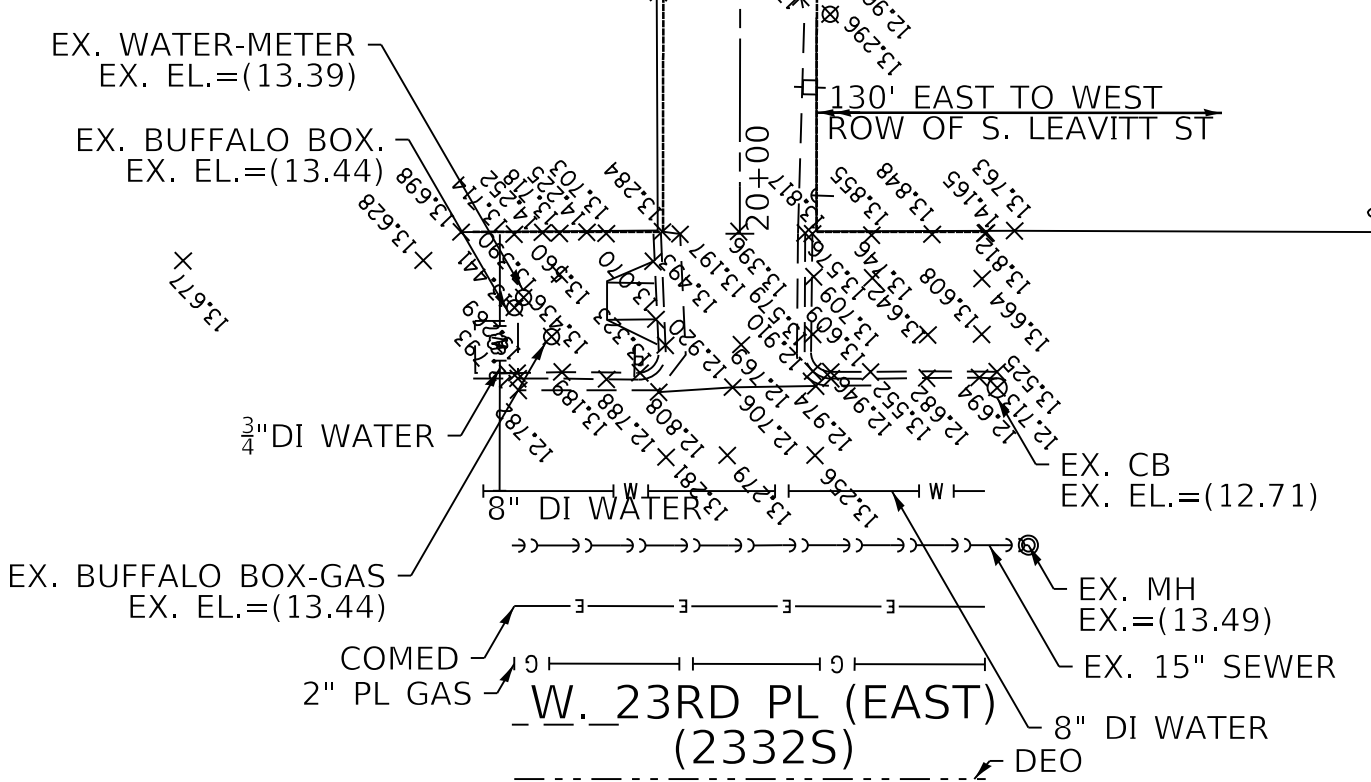
CITY OF CHICAGO BENCHMARK #494, ELEV.= 13.270'
20.0' NORTH OF NORTH LINE OF W. 23RD ST. AND
11.5' EAST OF WEST LINE OF S. BELL AVE.

TBM #1, ELEV.=14.528
SET LARGE NAIL IN EAST FACE OF POWER POLE
ON WEST SIDE OF WEST INTERSECTION OF ALLEYS.

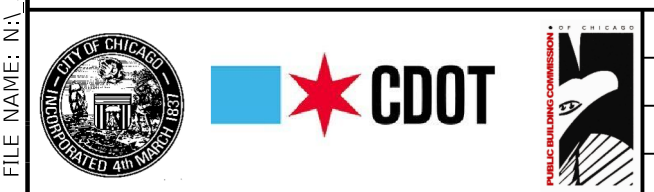
TBM #2, ELEV.=14.370
CUT $\square$ AT NORTH EDGE OF CONCRETE LANDING
TO 2213 W. 23RD PL. MARK IS 0.5' WEST OF THE EAST
COLUMN AT SOUTH SIDE OF W. 23RD PL.

LEGEND

- — — EXISTING ROW LINE
- - - EXISTING LOT LINE



MODEL: Default
FILE NAME: 10_2025_ ProjectsGreen Alley/D_PBC Alley Revisions2025Package 6(CADD Drawings)22-CP48 W. 23rd St & S. Oakley Ave(CADD Sheets)CP48-shh-align-1.dgn



USER NAME = ashkc	DESIGNED - AKC	REVISED -
PLOT SCALE = 20.0000" / in.	DRAWN - AKC	REVISED -
PLOT DATE = 7/3/2025	CHECKED - LM/SJ	REVISED -
	DATE - 07/03/2025	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

ALIGNMENT TIES AND BENCHMARKS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

OU C NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OU C IR #111888	COOK	29	2
STA. TO	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.

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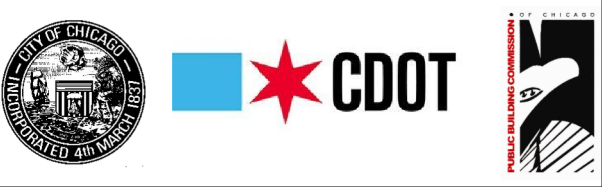
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	PLOT DATE = 7/3/2025	CHECKED - LM/SJ	REVISED -			STA. TO STA.	SCALE: NTS		
		DATE - 07/03/2025	ISSUED FOR BID - 07/10/2025						

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	758.0	\$0.00	\$0.00
3	*****	PAVEMENT REMOVAL	SQ YD	67.0	\$0.00	\$0.00
4	*****	DRIVEWAY AND ALLEY RETURN PAVEMENT REMOVAL	SQ YD	230.0	\$0.00	\$0.00
5	44000300	CURB REMOVAL	LIN FT	142.0	\$0.00	\$0.00
6	44000500	COMBINATION CURB AND GUTTER REMOVAL	LIN FT	257.0	\$0.00	\$0.00
7	44000600	SIDEWALK REMOVAL	SQ FT	1384.0	\$0.00	\$0.00
8	*****	ALLEY PAVEMENT REMOVAL	SQ YD	1506.0	\$0.00	\$0.00
9	*****	GARAGE APRON REMOVAL	SQ FT	2050.0	\$0.00	\$0.00
10	*****	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	97.0	\$0.00	\$0.00
11	31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	368.0	\$0.00	\$0.00
12	*****	CONCRETE ALLEY FILL, CA-1	CU YD	0.0	\$0.00	\$0.00
13	20800150	TRENCH BACKFILL	CU YD	265.0	\$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	100.0	\$0.00	\$0.00
17	35300300	PORTLAND CEMENT CONCRETE BASE COURSE, 8 IN	SQ YD	67.0	\$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	1560.0	\$0.00	\$0.00
20	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE DRIVEWAY AND ALLEY RETURN PAVEMENT, 8 IN	SQ YD	40.0	\$0.00	\$0.00
21	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE GARAGE APRON, 8 IN	SQ FT	2050.0	\$0.00	\$0.00
22	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE SIDEWALK, 8 IN	SQ FT	1169.0	\$0.00	\$0.00
23	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE, 8 IN	SQ YD	8.0	\$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	1206.0	\$0.00	\$0.00
26	*****	PORTLAND CEMENT CONCRETE ADA CURB RAMP, 5 IN	SQ FT	178.0	\$0.00	\$0.00
27	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE ADA CURB RAMP, 8 IN	SQ FT	48.0	\$0.00	\$0.00
28	*****	DRILL AND GROUT DOWEL AND TIE BARS	EACH	306.0	\$0.00	\$0.00
29	*****	PERMEABLE CONCRETE BLOCK PAVERS	SQ FT	0.0	\$0.00	\$0.00
30	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	72.0	\$0.00	\$0.00
31	*****	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5LH, MIX "C", N30 (CDOT)	TON	11.0	\$0.00	\$0.00
32	*****	HOT-MIX ASPHALT SURFACE COURSE, PATCH, N30 (6 FT OR LESS)	TON	12.0	\$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	142.0	\$0.00	\$0.00
35	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE COMBINATION CURB AND GUTTER, TYPE B-V.12	LIN FT	141.0	\$0.00	\$0.00
36	*****	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12	LIN FT	117.0	\$0.00	\$0.00
37	*****	MANHOLE, 3 FT DIAMETER, TYPE B, FRAME AND CLOSED LID (CITY OF CHICAGO)	EACH	1.0	\$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	4.0	\$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	6.0	\$0.00	\$0.00
42	*****	VORTEX RESTRICTOR	EACH	2.0	\$0.00	\$0.00
43	*****	STORM SEWERS, EXTRA STRENGTH VITRIFIED CLAY PIPE, 8 IN	LIN FT	93.0	\$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	65.0	\$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	179.0	\$0.00	\$0.00
49	*****	CIP OR PRECAST CONCRETE REDUCER	EACH	4.0	\$0.00	\$0.00
50	CDOT SP 550-3	ABANDON AND FILL EXISTING COMBINED SEWER	LIN FT	0.0	\$0.00	\$0.00

51	*****	EXISTING SEWER TO BE REMOVED	LIN FT	97.0	\$0.00	\$0.00
52	*****	REMOVING MANHOLES	EACH	0.0	\$0.00	\$0.00
53	*****	REMOVING CATCH BASINS	EACH	2.0	\$0.00	\$0.00
54	*****	REMOVING INLETS	EACH	0.0	\$0.00	\$0.00
55	*****	SEWER CLEANING AND TELEVISIONING (24 IN DIAMETER OR LESS)	LIN FT	94.0	\$0.00	\$0.00
56	60100085	GEOTECHNICAL FABRIC	SQ YD	0.0	\$0.00	\$0.00
57	*****	PULVERIZED TOPSOIL MIX	CU YD	0.0	\$0.00	\$0.00
58	*****	HYDRAULIC SEEDING, CLASS 1A	SQ YD	0.0	\$0.00	\$0.00
59	78000200	THERMOPLASTIC PAVEMENT MARKING, LINE 4 IN	LIN FT	0.0	\$0.00	\$0.00
60	*****	CONSTRUCTION SIGNS	SQ FT	64.0	\$0.00	\$0.00
61	*****	PREMOLDED RUBBER SPEED HUMPS	EACH	5.0	\$0.00	\$0.00
62	*****	REMOVE AND SALVAGE SIGN PANEL AND POLE ASSEMBLY	EACH	1.0	\$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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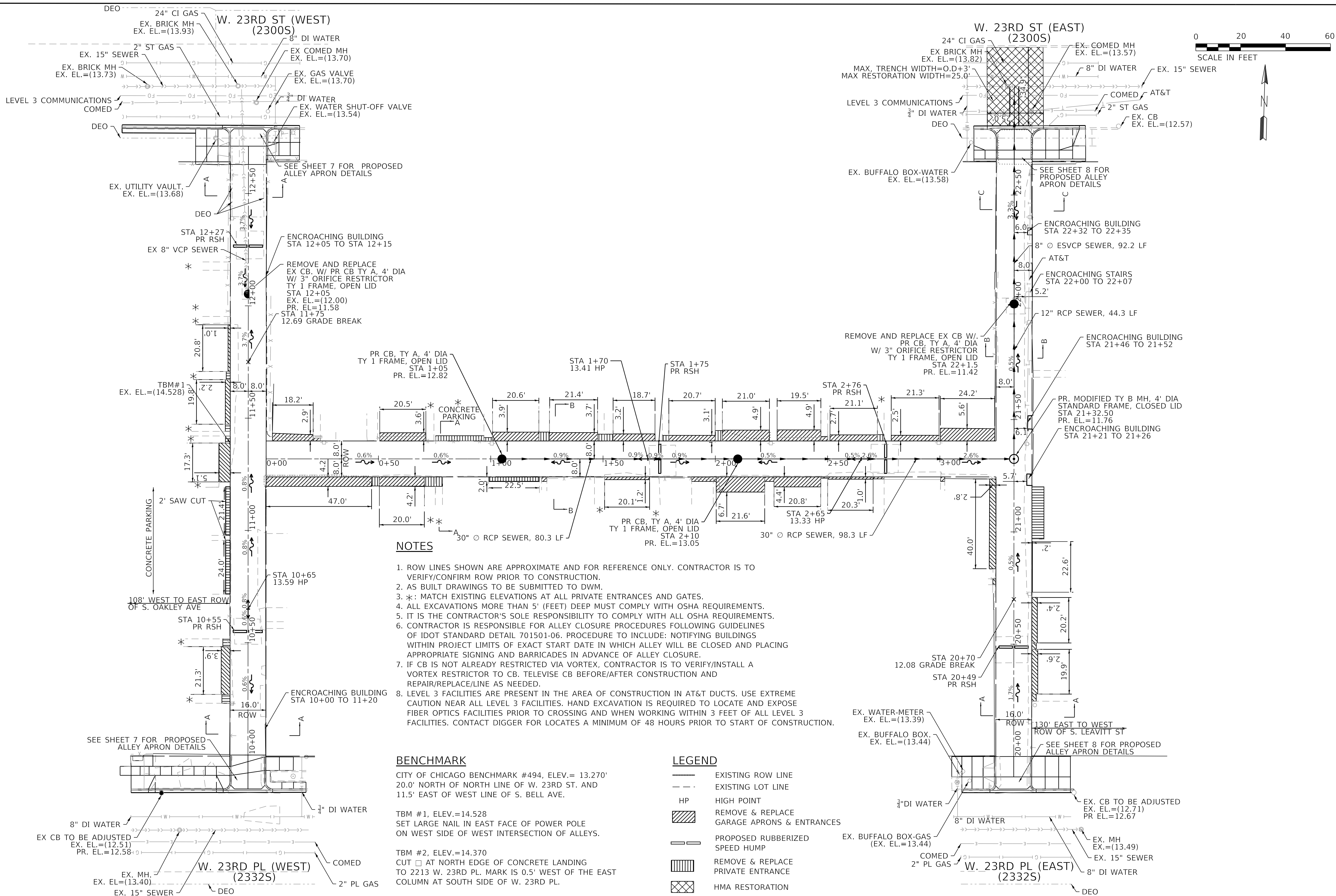


USER NAME = ashkc	DESIGNED - AKC	REVISED -
	DRAWN - AKC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - LM/SJ	REVISED -
PLOT DATE = 7/3/2025	DATE - 07/03/2025	ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

SUMMARY OF QUANTITIES
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #111888	COOK	29	4
STA. TO STA.	SCALE: NTS		



NOTES

1. ROW LINES SHOWN ARE APPROXIMATE AND FOR REFERENCE ONLY. CONTRACTOR IS TO VERIFY/CONFIRM ROW PRIOR TO CONSTRUCTION.
2. AS BUILT DRAWINGS TO BE SUBMITTED TO DWM.
3. *: MATCH EXISTING ELEVATIONS AT ALL PRIVATE ENTRANCES AND GATES.
4. ALL EXCAVATIONS MORE THAN 5' (FEET) DEEP MUST COMPLY WITH OSHA REQUIREMENTS.
5. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COMPLY WITH ALL OSHA REQUIREMENTS.
6. 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.
7. IF CB IS NOT ALREADY RESTRICTED VIA VORTEX, CONTRACTOR IS TO VERIFY/INSTALL A VORTEX RESTRICTOR TO CB. TELEWISE CB BEFORE/AFTER CONSTRUCTION AND REPAIR/REPLACE/LINE AS NEEDED.
8. LEVEL 3 FACILITIES ARE PRESENT IN THE AREA OF CONSTRUCTION IN AT&T DUCTS. USE EXTREME CAUTION NEAR ALL LEVEL 3 FACILITIES. HAND EXCAVATION IS REQUIRED TO LOCATE AND EXPOSE FIBER OPTICS FACILITIES PRIOR TO CROSSING AND WHEN WORKING WITHIN 3 FEET OF ALL LEVEL 3 FACILITIES. CONTACT DIGGER FOR LOCATES A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.

BENCHMARK

CITY OF CHICAGO BENCHMARK #494, ELEV.= 13.270'
20.0' NORTH OF NORTH LINE OF W. 23RD ST. AND
11.5' EAST OF WEST LINE OF S. BELL AVE.

TBM #1, ELEV.=14.528
SET LARGE NAIL IN EAST FACE OF POWER POLE
ON WEST SIDE OF WEST INTERSECTION OF ALLEYS.

TBM #2, ELEV.=14.370
CUT $\square$ AT NORTH EDGE OF CONCRETE LANDING
TO 2213 W. 23RD PL. MARK IS 0.5' WEST OF THE EAST
COLUMN AT SOUTH SIDE OF W. 23RD PL.

LEGEND

- EXISTING ROW LINE
- EXISTING LOT LINE
- HP HIGH POINT
- REMOVE & REPLACE GARAGE APRONS & ENTRANCES
- PROPOSED RUBBERIZED SPEED HUMP
- REMOVE & REPLACE PRIVATE ENTRANCE
- HMA RESTORATION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

PROPOSED CONDITIONS PLAN VIEW
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

OU C NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OU C IR #111888	COOK	29	5
STA. TO STA.	SCALE: AS SHOWN		



USER NAME = ashkc	DESIGNED - AKC	REVISED -
PLOT SCALE = 20.0323' / in.	DRAWN - AKC	REVISED -
PLOT DATE = 7/3/2025	CHECKED - LM/SJ	REVISED -
	DATE - 07/03/2025	ISSUED FOR BID - 07/10/2025

DESIGNED - AKC	REVISED -
DRAWN - AKC	REVISED -
CHECKED - LM/SJ	REVISED -
DATE - 07/03/2025	ISSUED FOR BID - 07/10/2025

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

This figure is a technical drawing of a sewer line project, showing both existing and proposed conditions. It includes a plan view at the top and a profile view at the bottom.

EXISTING CONDITIONS PLAN VIEW

The plan view shows the layout of the sewer line along W. 23rd St (West) (2332S) and W. 23rd St (West) (2300S). It includes existing features such as 8" DI Water, 2" PL Gas, 15" Sewer, 24" CI Gas, and 15" Sewer. It also shows existing structures like EX. BRICK CB (IN POOR CONDITION) and EX. ASH STA 10+56. The plan view includes a scale bar (0 to 60 feet) and a north arrow.

PROPOSED CONDITIONS PLAN VIEW

The plan view shows the proposed layout of the sewer line. It includes proposed features such as 8" DI Water, 2" PL Gas, 15" Sewer, 24" CI Gas, and 15" Sewer. It also shows proposed structures like EX. BRICK CB TO BE ADJUSTED and EX. ASH STA 10+56. The plan view includes a scale bar (0 to 60 feet) and a north arrow.

LEGEND

- (X.XX) EXISTING ELEV
- X.XX PROPOSED ELEV
- HP HIGH POINT
- REMOVE & REPLACE GARAGE APRONS & ENTRANCES
- PROPOSED RUBBERIZED SPEED HUMP
- REMOVE & REPLACE PRIVATE ENTRANCE

NOTES

- * : MATCH EXISTING ELEVATIONS AT ALL PRIVATE ENTRANCES AND GATES.

PROPOSED CONDITIONS PROFILE VIEW

The profile view shows the vertical alignment of the sewer line. It includes the proposed profile (solid line) and the existing profile (dashed line). The profile view shows the vertical curve data, including VPI STA. 10+65.00, VPI STA. 11+75.00, and VPI STA. 12+05.00. It also shows the vertical curve elevations and grades. The profile view includes a scale bar (0 to 6 feet) and a north arrow.

TABLE

STATION	EXISTING ELEV	PROPOSED ELEV
10+00	13.52	13.21
10+50	13.66	13.51
11+00	13.42	13.31
11+50	13.30	12.89
12+00	12.24	11.77
12+50	13.33	13.24
12+63	13.76	13.71

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

PLAN AND PROFILE
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

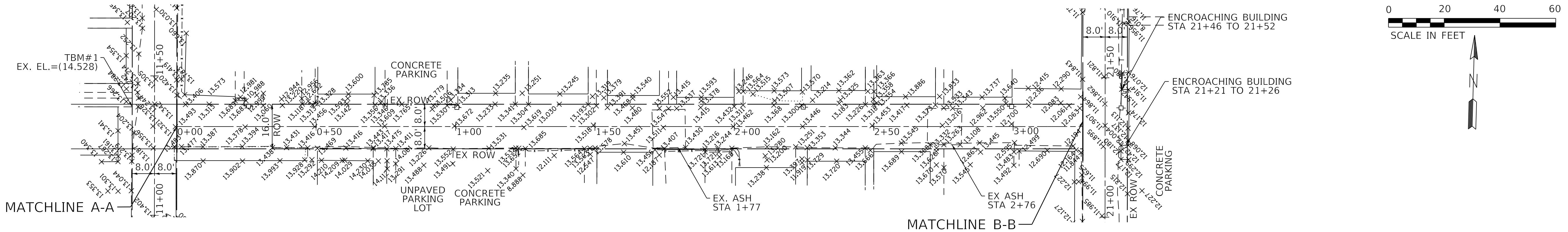
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DESIGNED - AKC
DRAWN - AKC
CHECKED - LM/SJ
PLOT DATE = 7/3/2025

REVISIONS

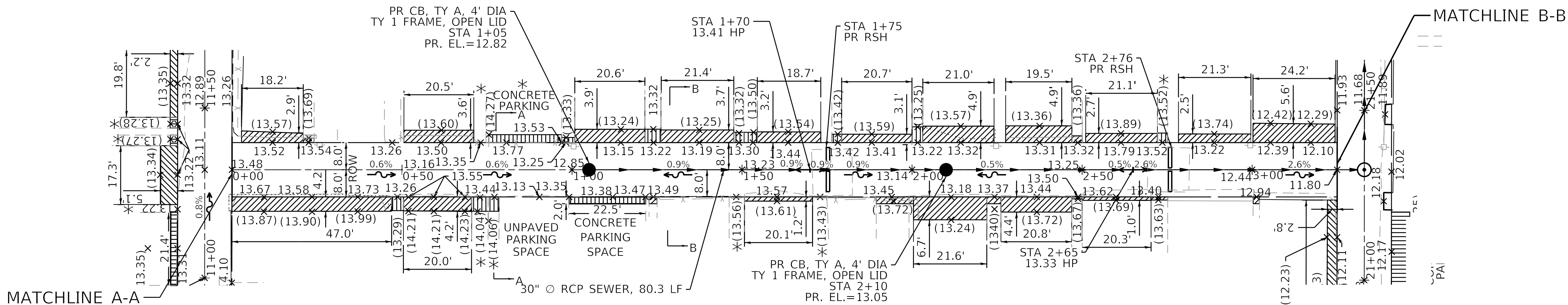
NO.	DESCRIPTION	DATE
1	ISSUED FOR BID	07/10/2025

STATION TO STA. SCALE: AS SHOWN

PLAN	SURVEYED	DATE
	BY	
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO.	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	



EXISTING CONDITIONS PLAN VIEW

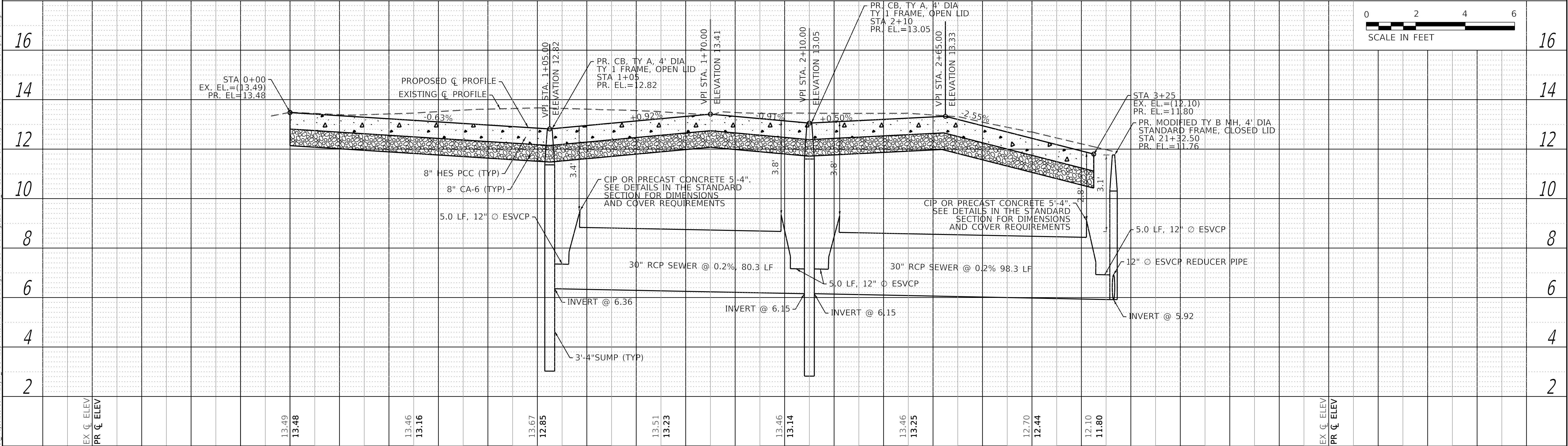


- LEGEND**
- (X.XX) EXISTING ELEV
 - X.XX PROPOSED ELEV
 - HP HIGH POINT
 - REMOVE & REPLACE GARAGE APRONS & ENTRANCES
 - PROPOSED RUBBERIZED SPEED HUMP
 - REMOVE & REPLACE PRIVATE ENTRANCE
 - HMA RESTORATION

- NOTES**
- *: MATCH EXISTING ELEVATIONS AT ALL PRIVATE ENTRANCES AND GATES.

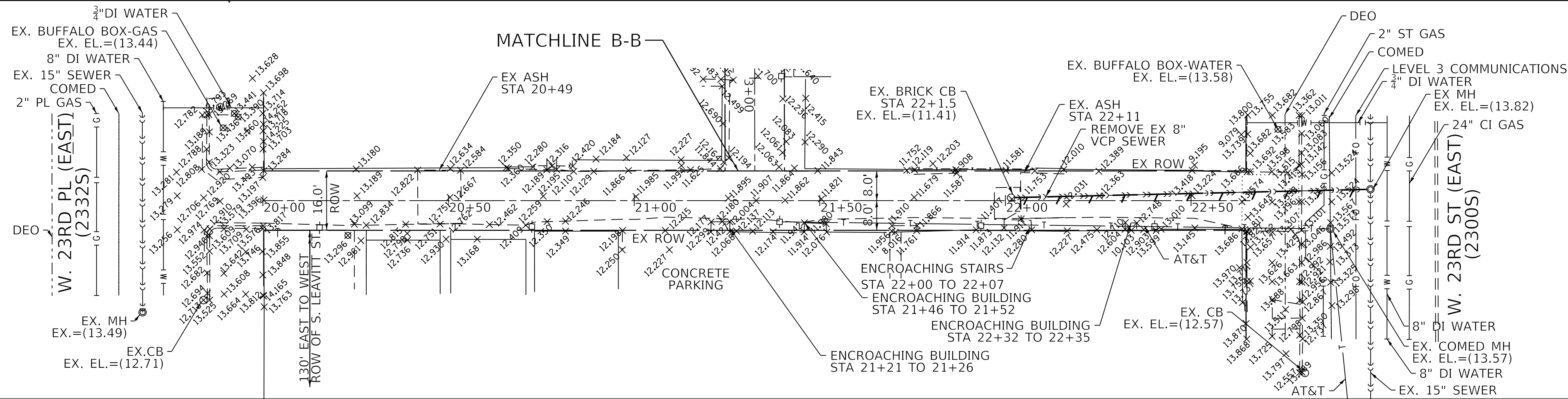
PROPOSED CONDITIONS PLAN VIEW

PROFILE	SURVEYED	DATE
	BY	
	PLOTTED	
	GRADES	
	CHECKED	
	NO.	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATIONS CHKD	

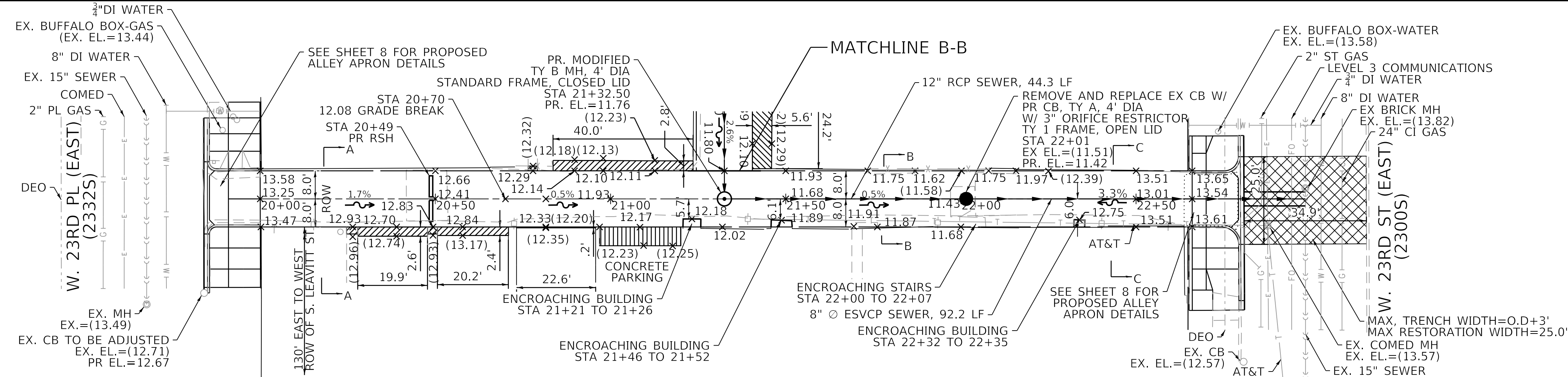


 		USER NAME = ashkc	DESIGNED - AKC	REVISED -	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION 25TH WARD	PLAN AND PROFILE PBC PROJECT NO #22924 W. 23RD STREET - W. 23RD PLACE S. OAKLEY AVENUE - S. LEAVITT STREET	OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = 20.0000' / in.	DRAWN - AKC	REVISED -			OUC IR # 111888	COOK	29	7
		PLOT DATE = 7/3/2025	CHECKED - LM/SJ	REVISED -			TO STA.			
			DATE - 07/03/2025	ISSUED FOR BID - 07/10/2025			SCALE: AS SHOWN			

PLAN	SURVEYED	DATE
FILE NAME	BY	
NO.		
NOTE BOOK		
NO.		
STRUCTURE NOTATIONS CHKD		
NO.		



EXISTING CONDITIONS PLAN VIEW



LEGEND

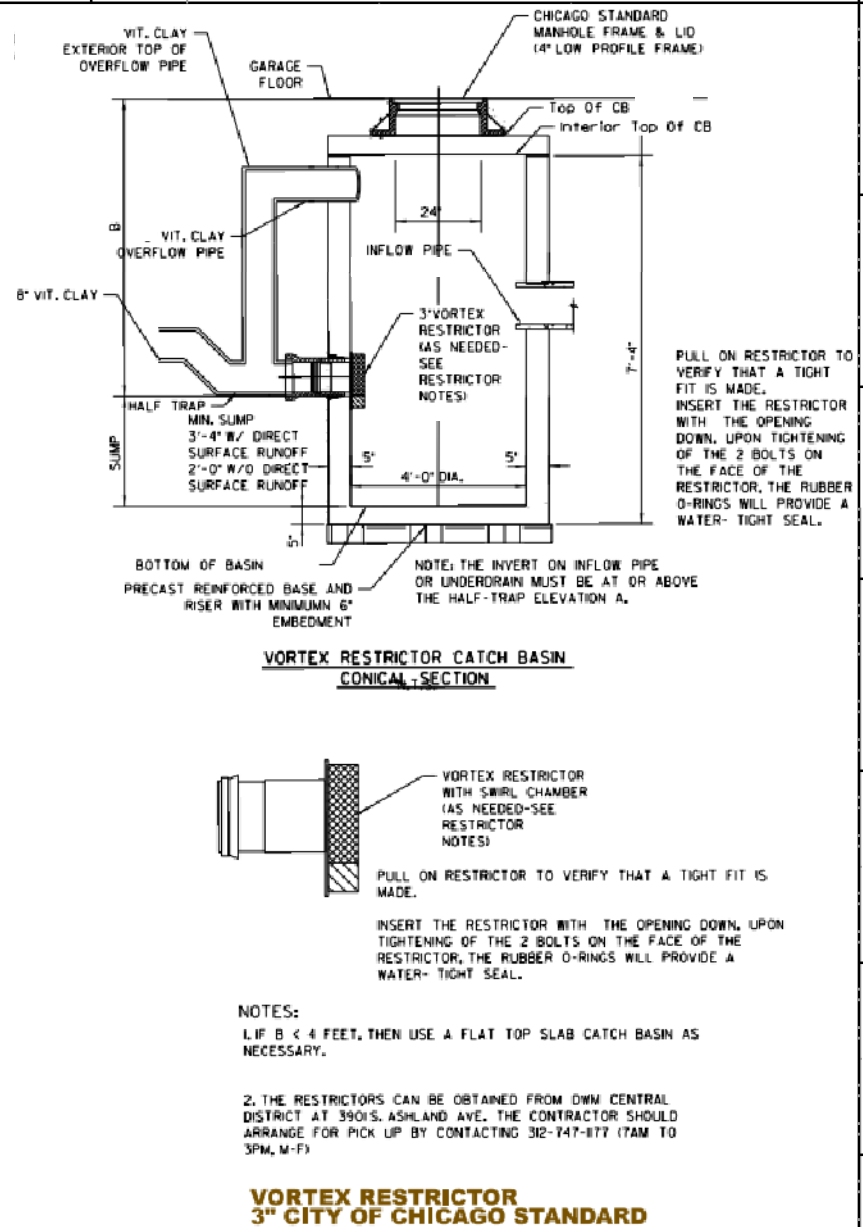
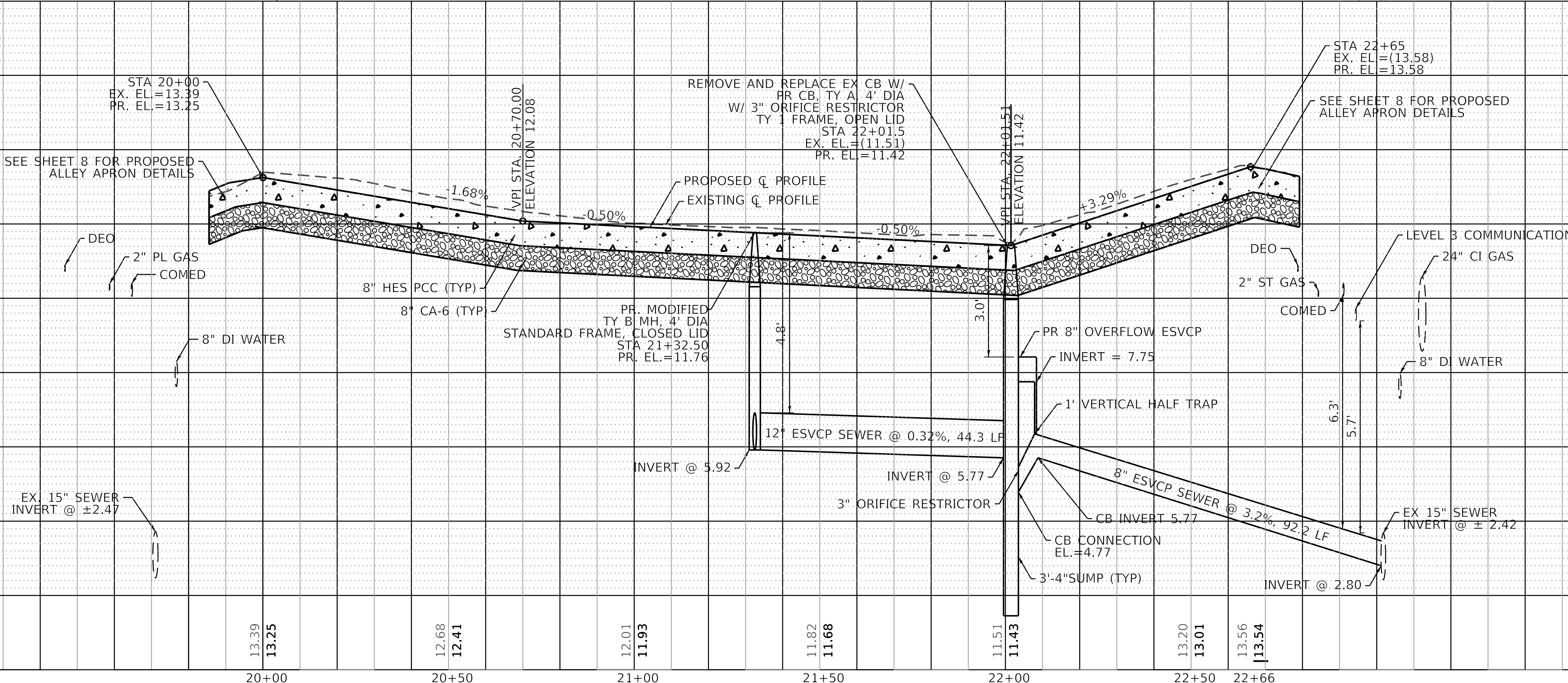
- (X.XX) EXISTING ELEV
- X.XX PROPOSED ELEV
- HP HIGH POINT
- REMOVE & REPLACE GARAGE APRONS & ENTRANCES
- PROPOSED RUBBERIZED SPEED HUMP
- REMOVE & REPLACE PRIVATE ENTRANCE
- HMA RESTORATION

NOTES

- 1. *: MATCH EXISTING ELEVATIONS AT ALL PRIVATE ENTRANCES AND GATES.

PROPOSED CONDITIONS PLAN VIEW

PROFILE	SURVEYED	DATE
FILE NAME	BY	
NO.		
NOTE BOOK		
NO.		
STRUCTURE NOTATIONS CHKD		
NO.		



USER NAME = Slackson
DESIGNED - AKC
DRAWN - AKC
CHECKED - LM/SJ
DATE - 07/03/2025
PLOT SCALE = 20.0000' / in.
PLOT DATE = 7/8/2025

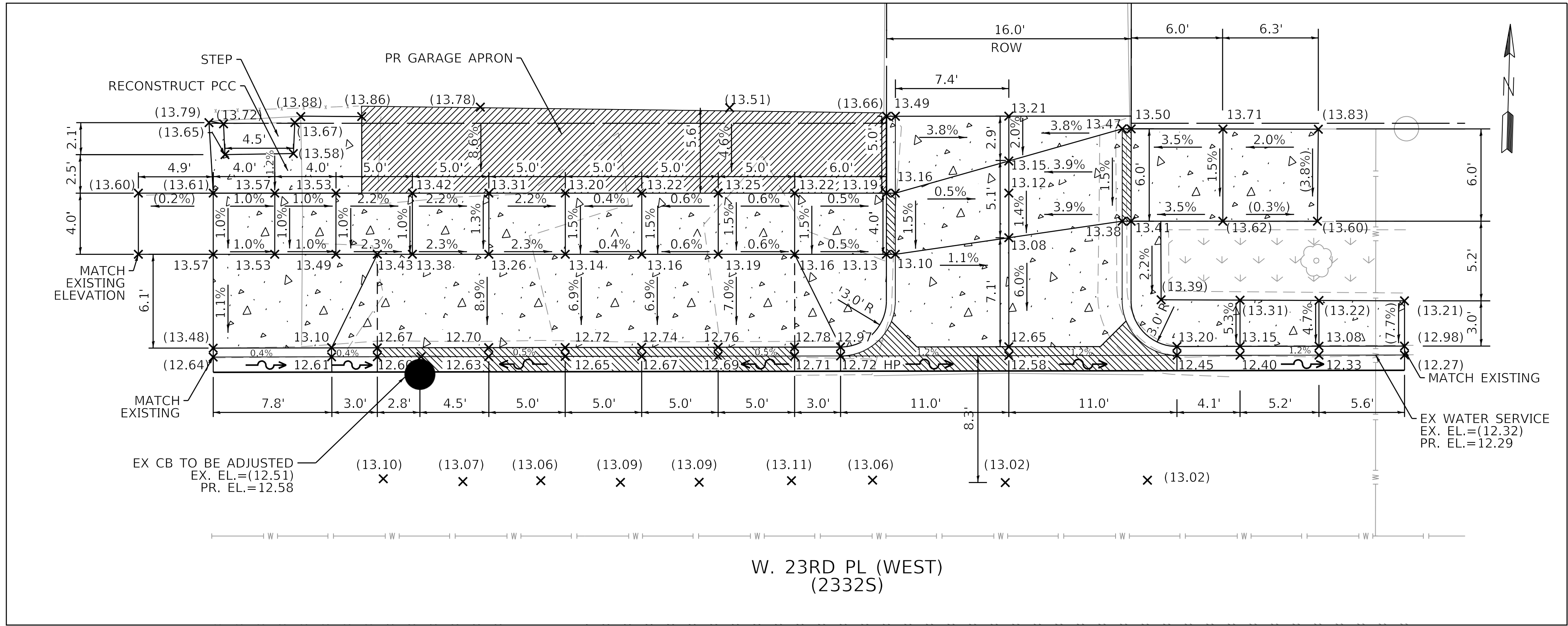
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DRAWN - AKC
CHECKED - LM/SJ
DATE - 07/03/2025
REVISED -
REVISED -
REVISED -
ISSUED FOR BID - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

PLAN AND PROFILE
PBC PROJECT NO #22924

W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

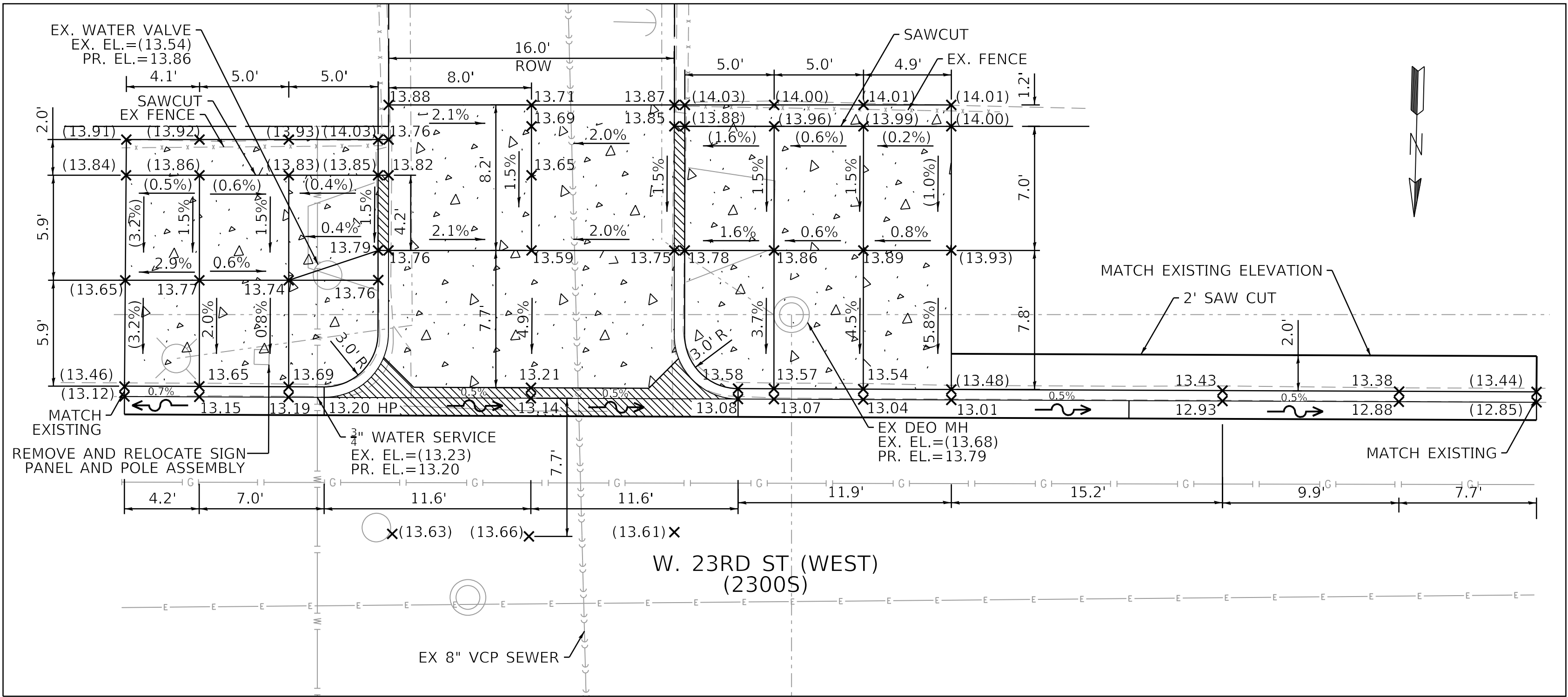
OCU NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OCU IR #111888	COOK	29	8
STA. TO STA.	SCALE: AS SHOWN		



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.

MODEL: Default
FILE NAME: 10_2025_PlanetsGreen-Alley/D_PBC-Alley-Revisions2025Package 6/CADD Drawings22-CP48_W_23rd St & S Oakley Ave/CADD Sheets/CP48-shs-tye-1A.dgn

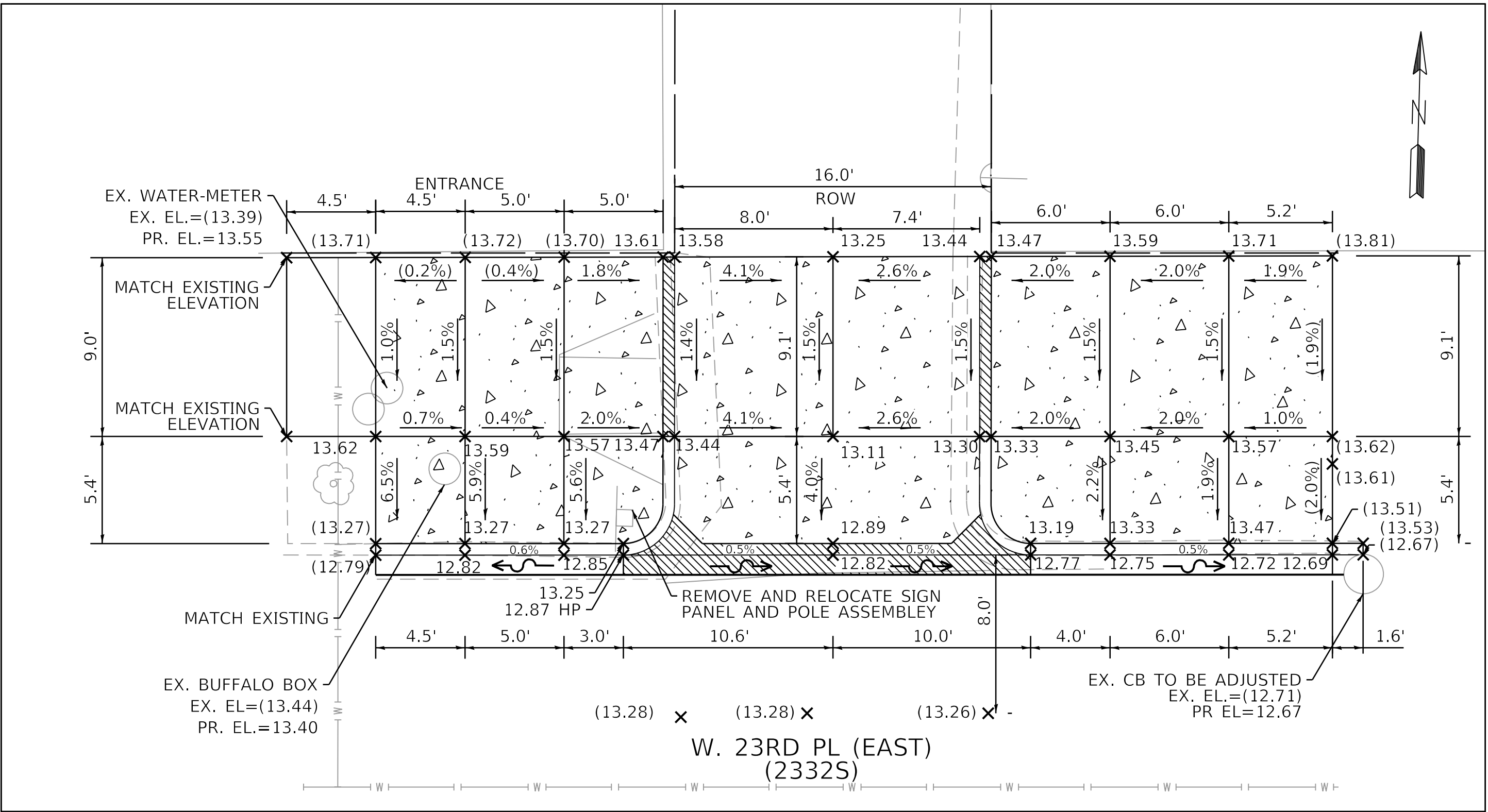


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		DRAWN	- AKC	REVISED	-
PLOT SCALE	= 5.0000 ' / in.	CHECKED	- LM/SJ	REVISED	-
PLOT DATE	= 7/3/2025	DATE	- 07/03/2025	ISSUED FOR BID	- 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

ALLEY APRON DETAILS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

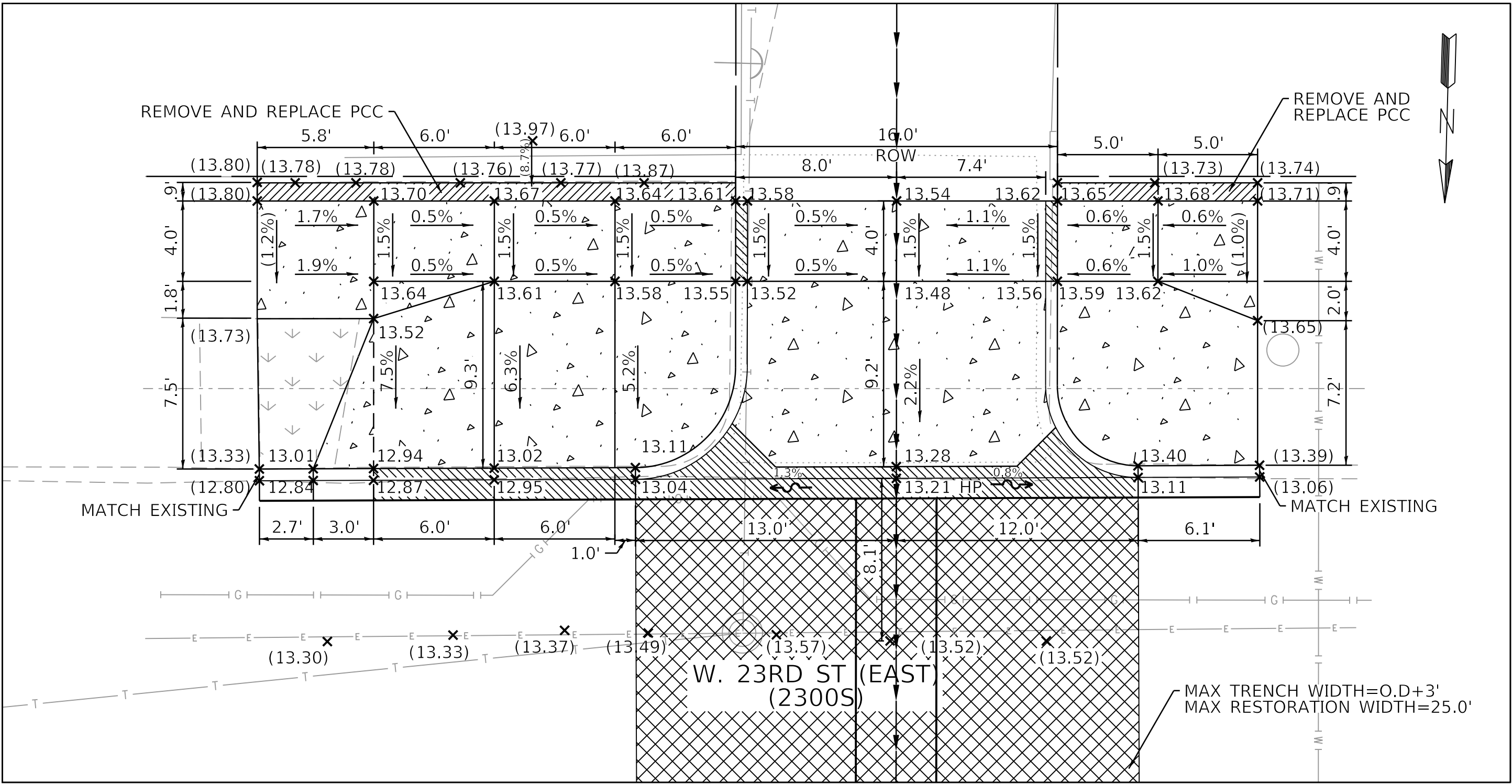
OUR NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUR IR #111888	COOK	29	9
STA.	TO STA.	SCALE: AS SHOWN	



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.

MODEL: Default
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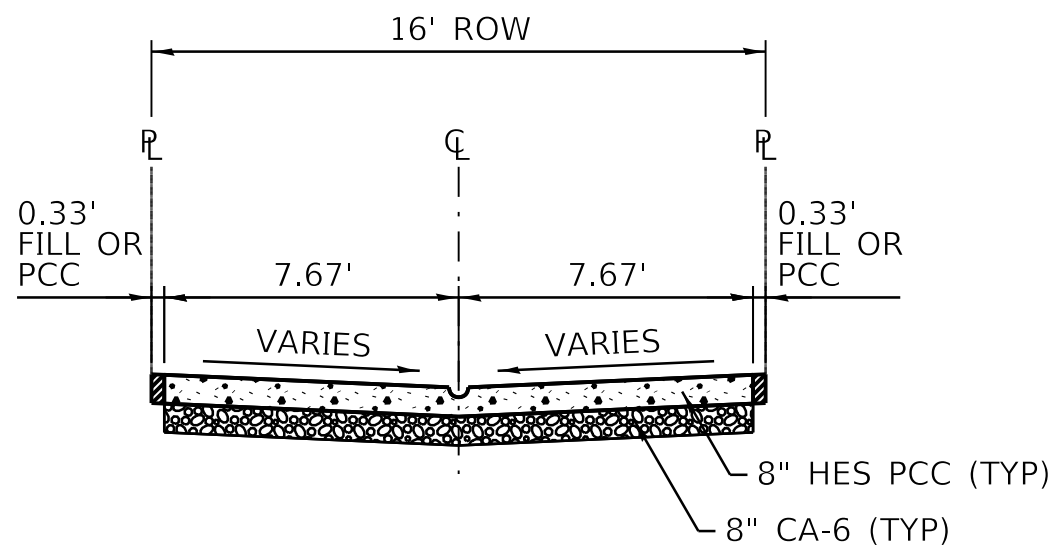


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PLOT DATE	= 7/3/2025	DATE	- 07/03/2025	ISSUED FOR BID	- 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

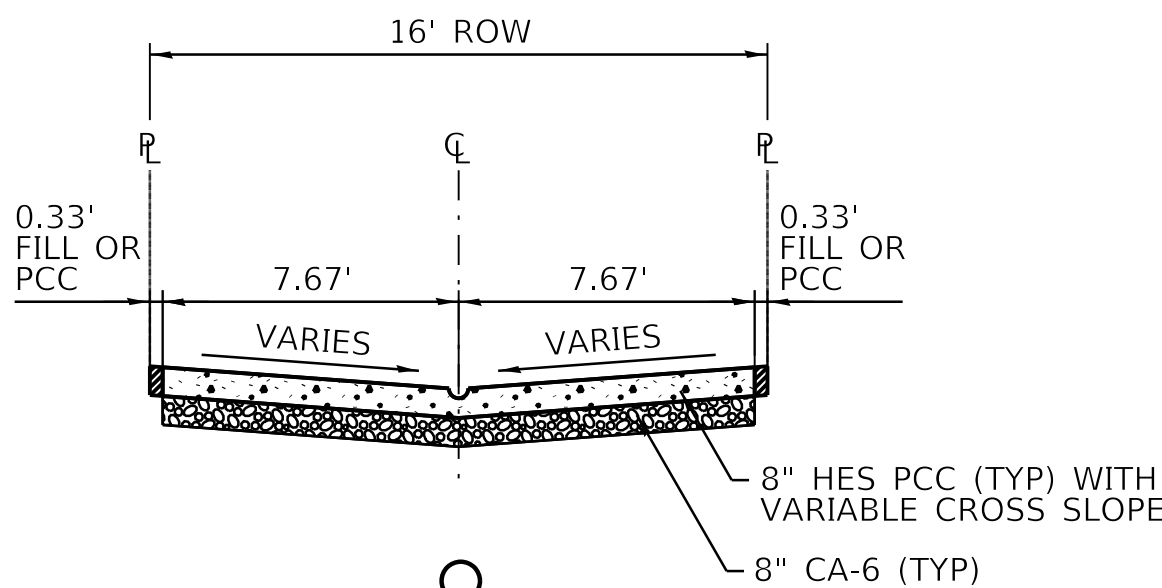
ALLEY APRON DETAILS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #111888	COOK	29	10
STA.	TO STA.	SCALE: AS SHOWN	



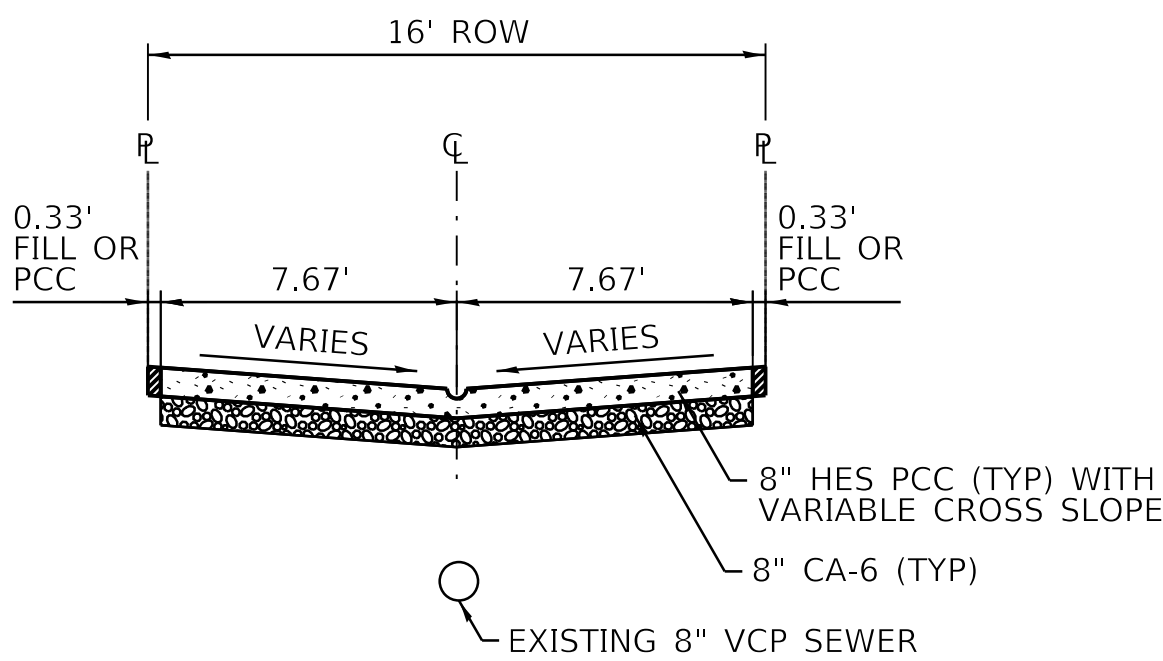
PROPOSED TYPICAL CROSS SECTION A-A

STA. 0+00 TO STA. 1+05
STA. 10+00 TO STA. 12+05
STA. 20+00 TO STA. 21+32.5



PROPOSED TYPICAL CROSS SECTION B-B

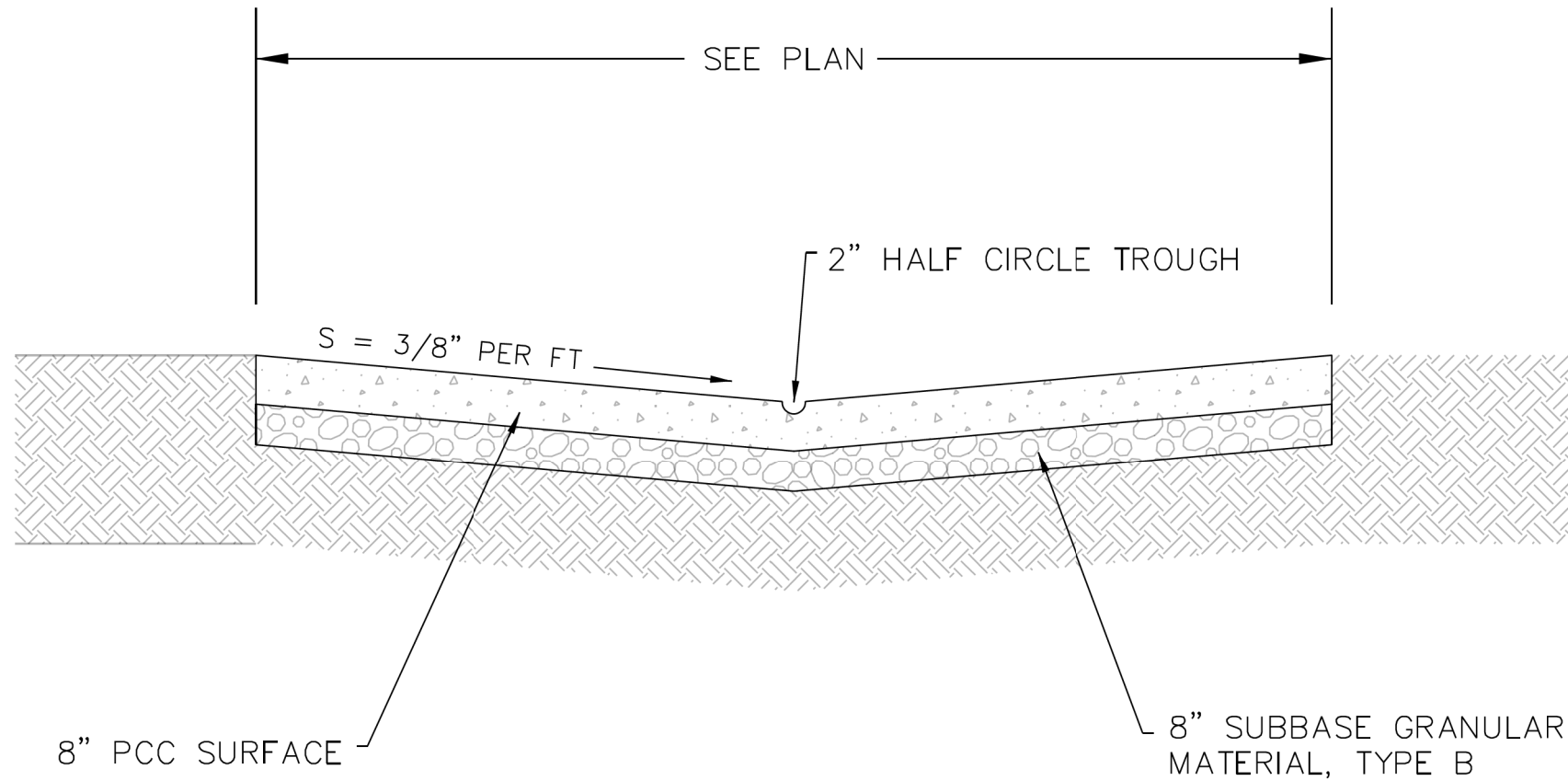
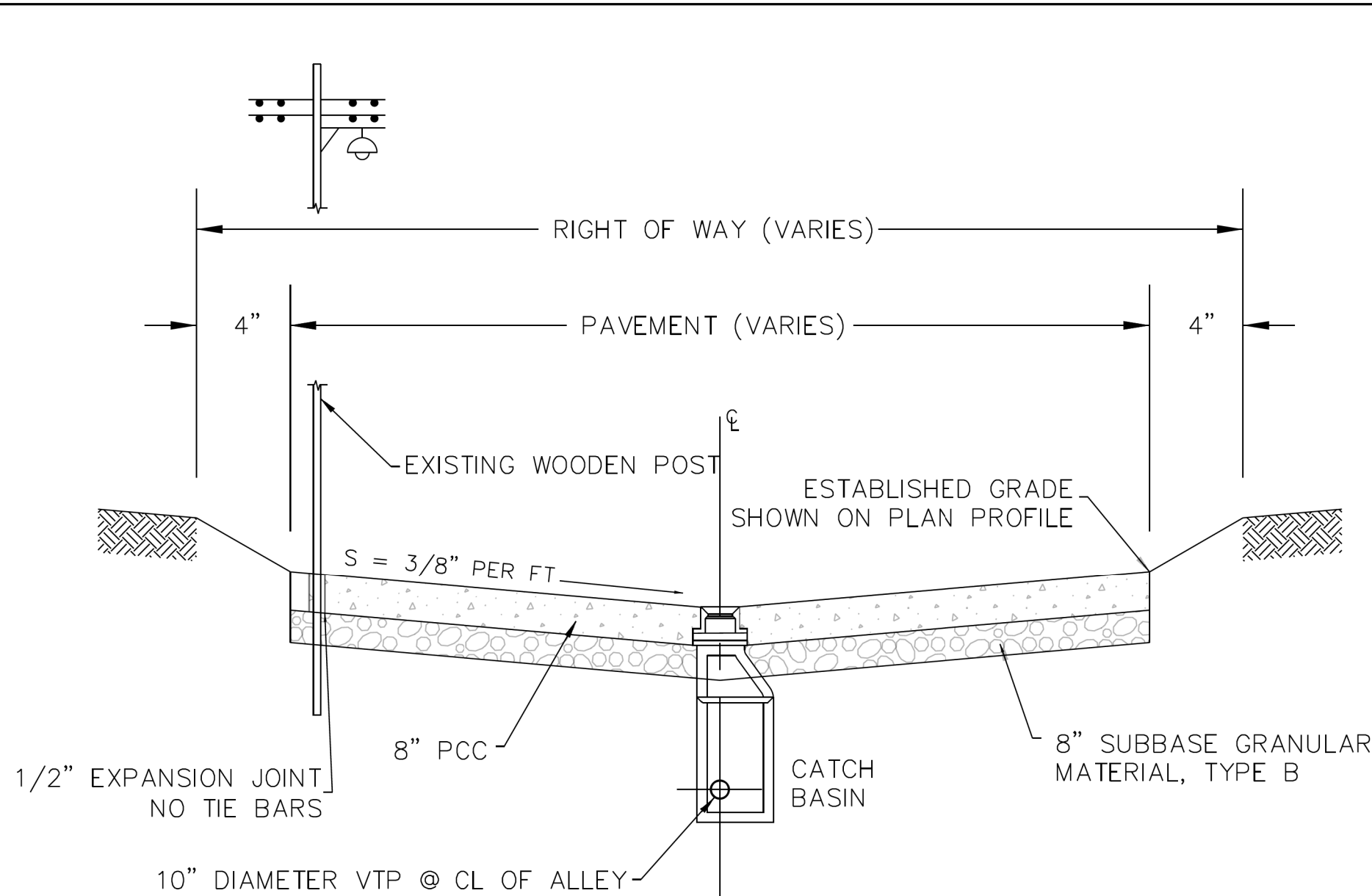
STA. 1+05 TO STA. 3+25
STA. 21+32.5 TO STA. 22+66



PROPOSED TYPICAL CROSS SECTION B-B

STA. 12+05 TO STA. 12+63

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



	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: 11/20/2025, Projects\Green Alley\0_PBC Alley Revisions\2025\Package 6\CADD Drawings\22-CP48, W. 23rd St. & S. Oakley Ave\CADD Sheets\CP48-sh1-tyr-2.dgn

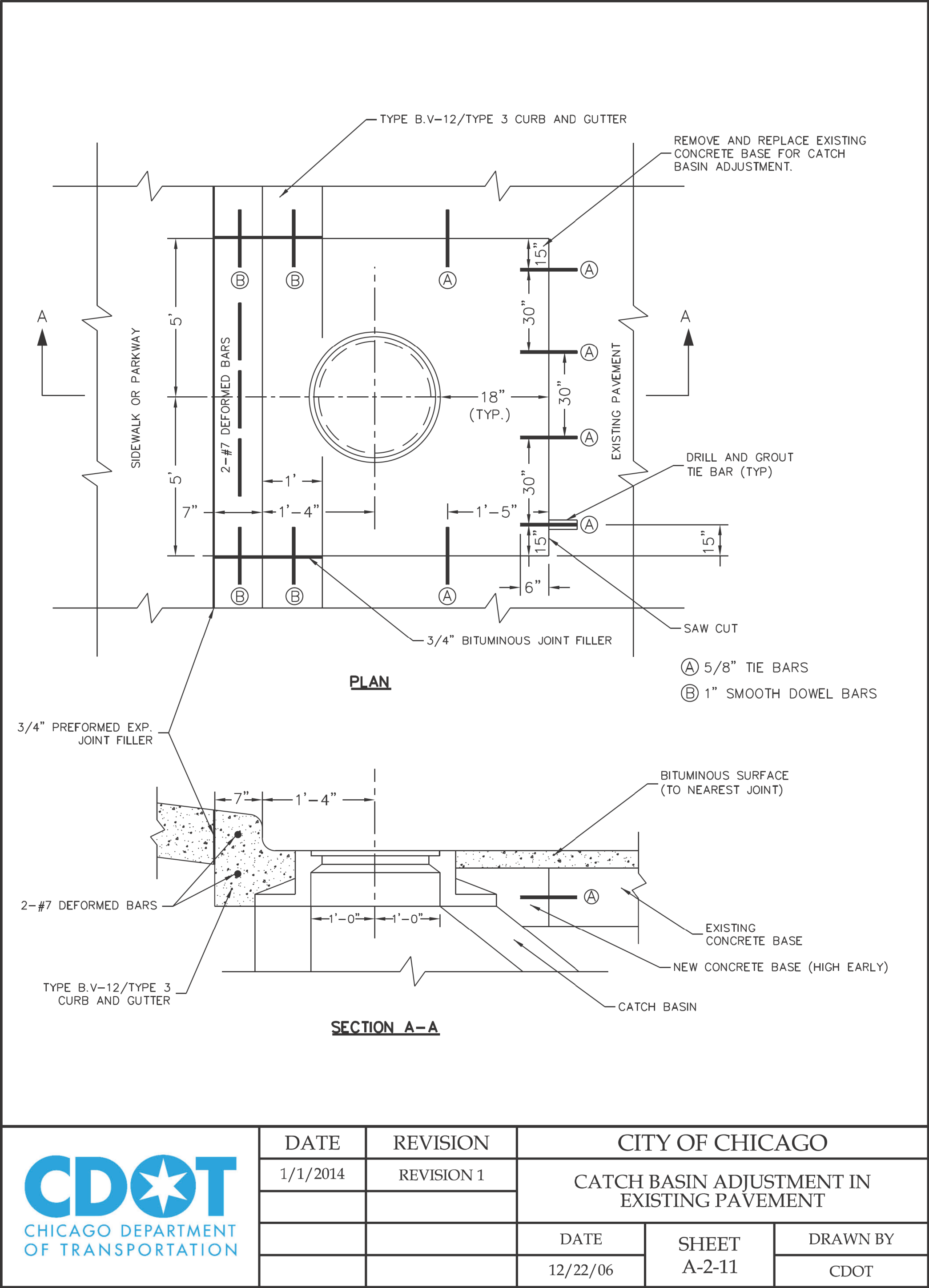
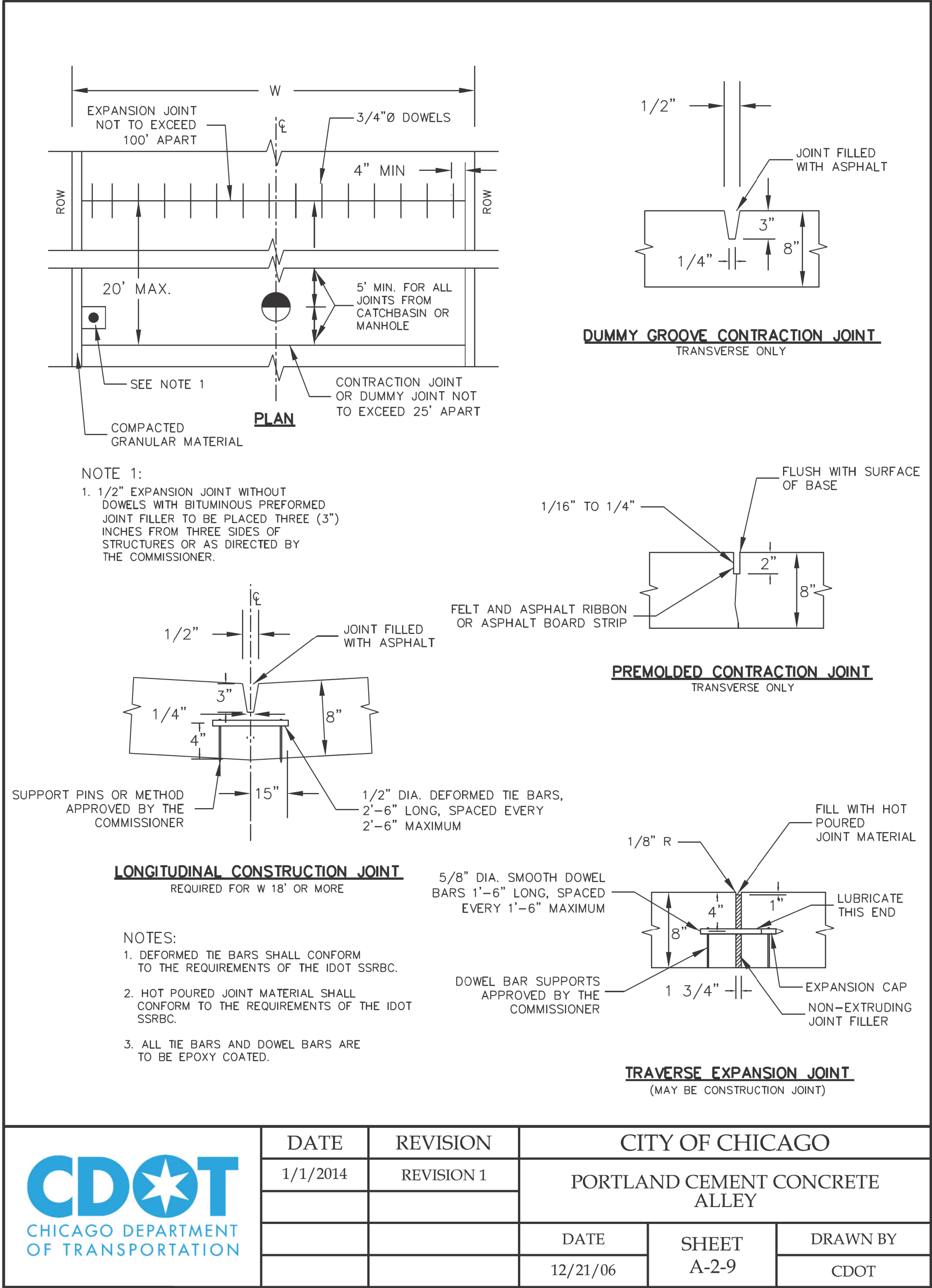


USER NAME	= ashkc	DESIGNED -	AKC	REVISED -	
		DRAWN -	AKC	REVISED -	
PLOT SCALE	= 5.0000 ' / in.	CHECKED -	LM/SJ	REVISED -	
PLOT DATE	= 7/3/2025	DATE	= 07/03/2025	REVISED	= 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

TYPICAL SECTIONS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #111888	COOK	29	11
SCALE: NTS			



MODEL: Default
FILE NAME: 10-2025-ProjectsGreen-Alley/D_PBC-Alley_Revisions2025Package_6/CADD Drawings22-CP48_W_23rd St & S. Oakley Ave/CADD Sheets/CP48-shh-cdot-2.dgn

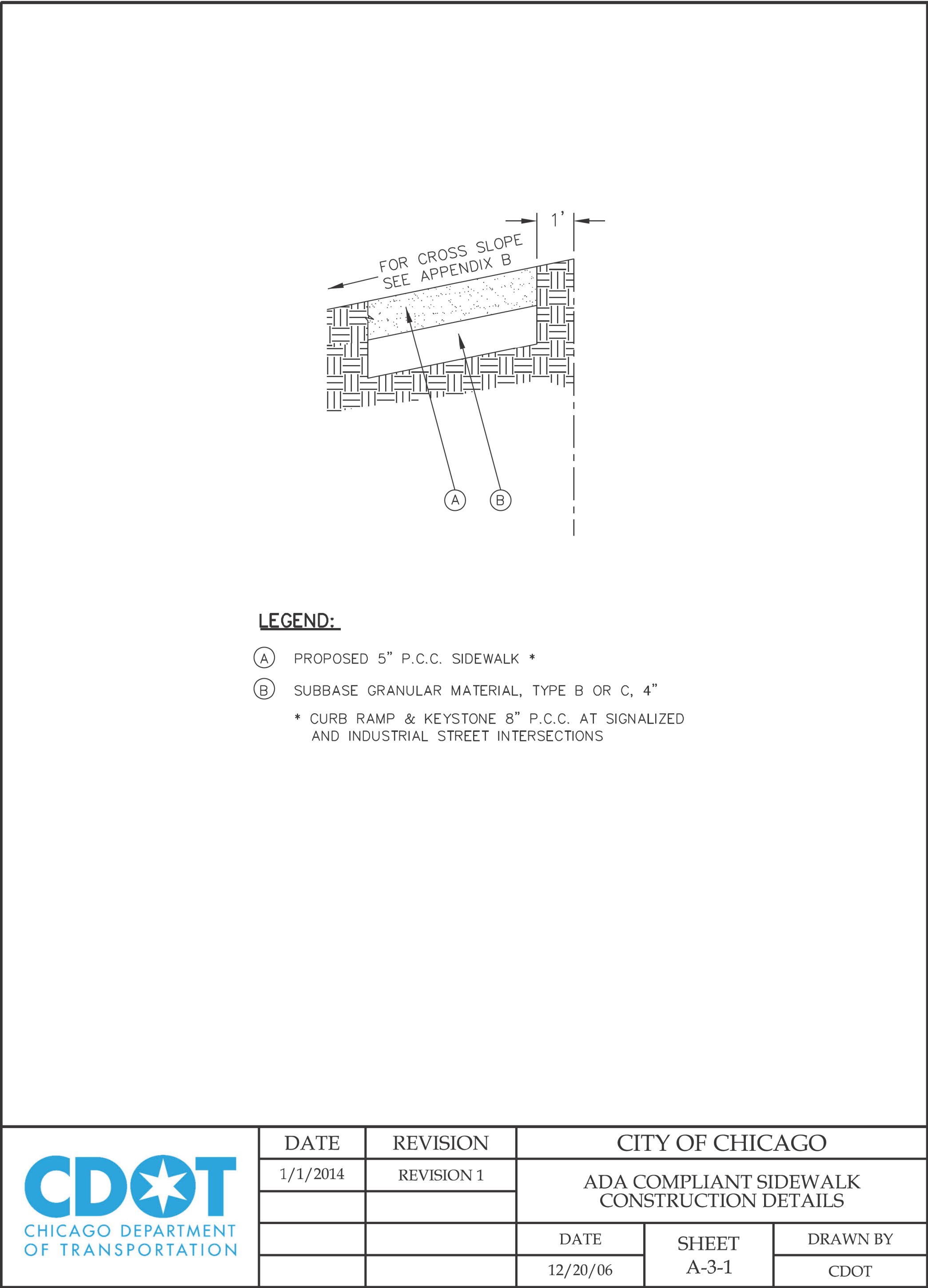
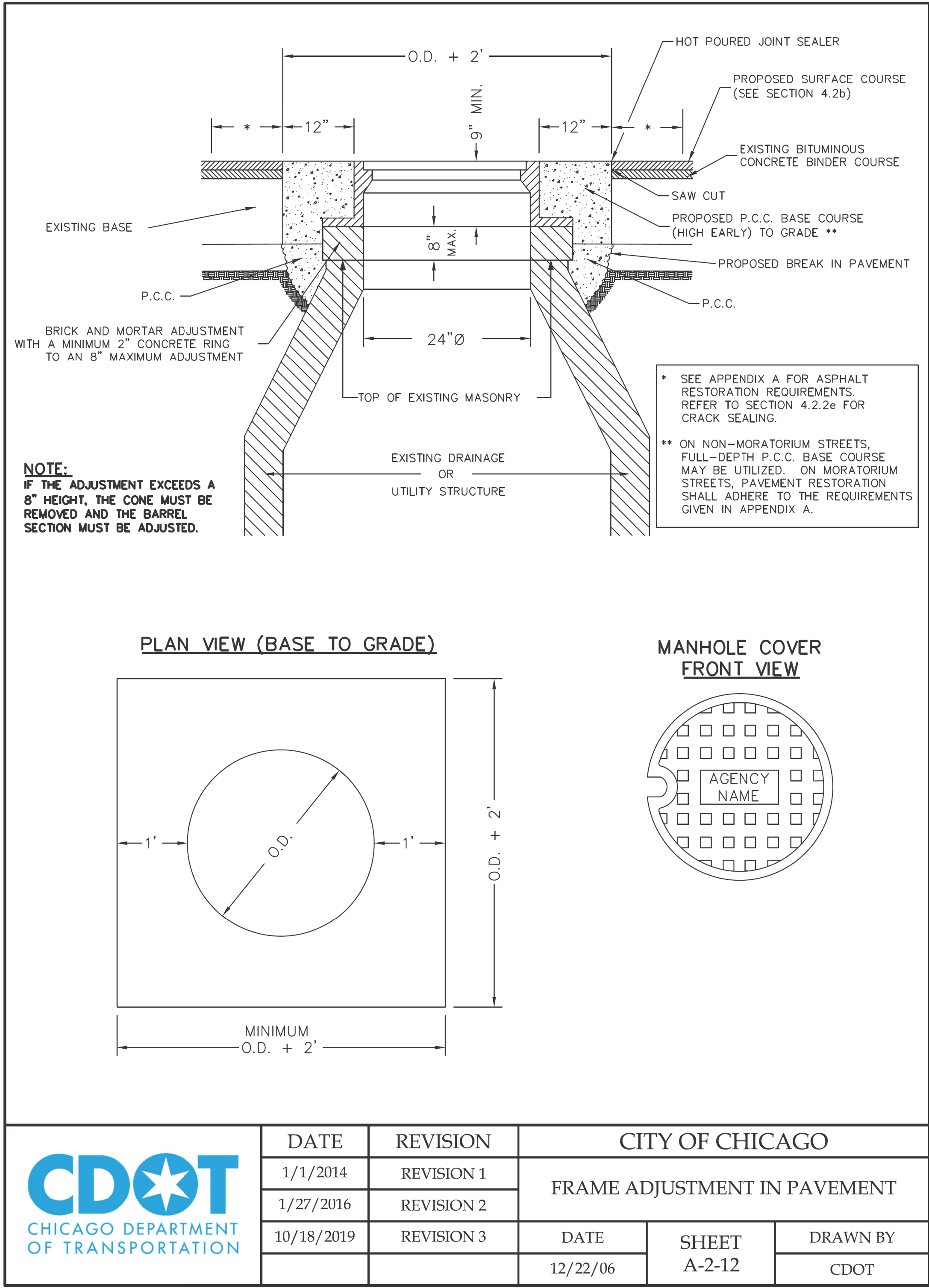


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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 7/3/2025	CHECKED -	REVISED -
	DATE - 07/03/2025	REVISED - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #111888	COOK	29	13
SCALE: NTS			



MODEL: Default
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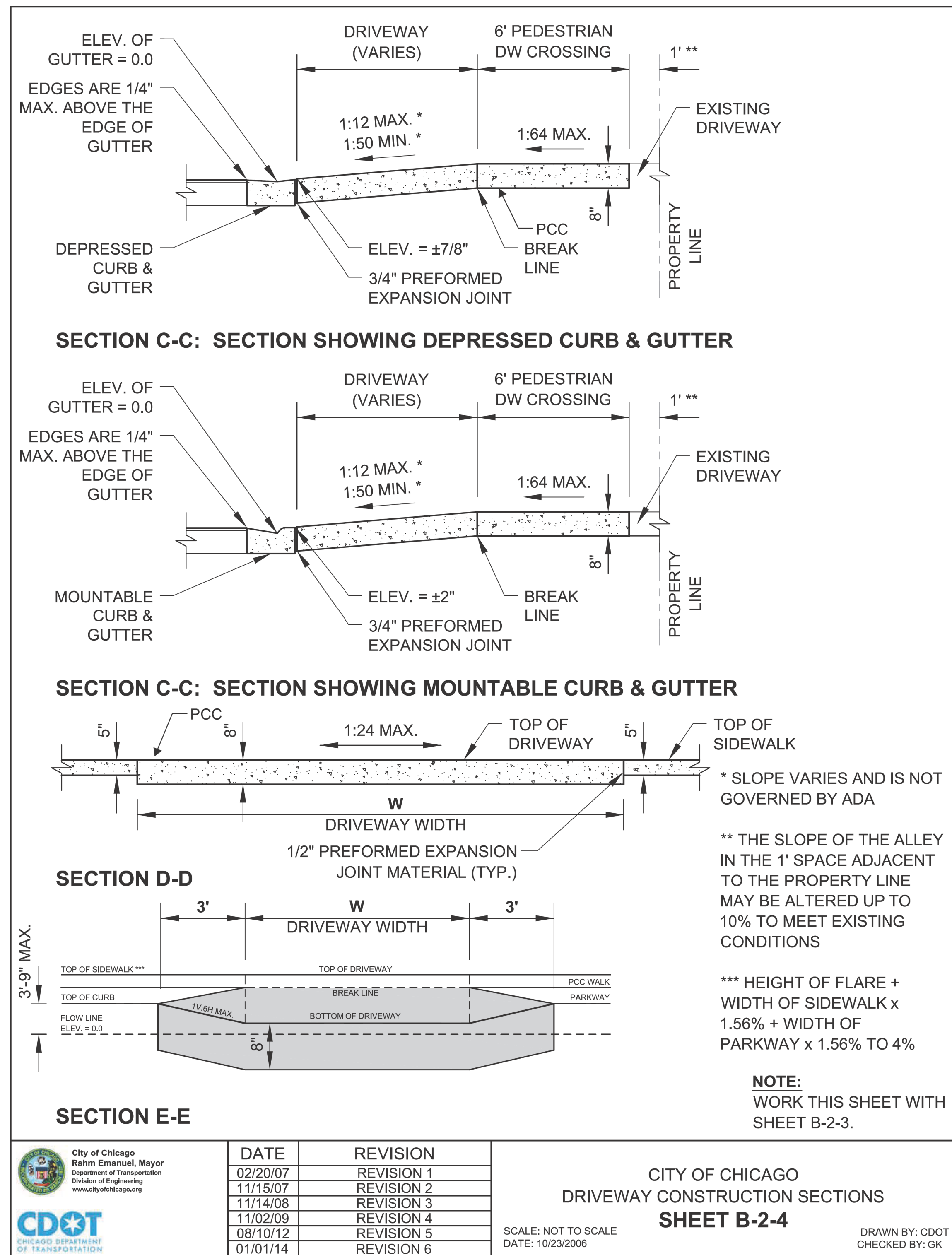
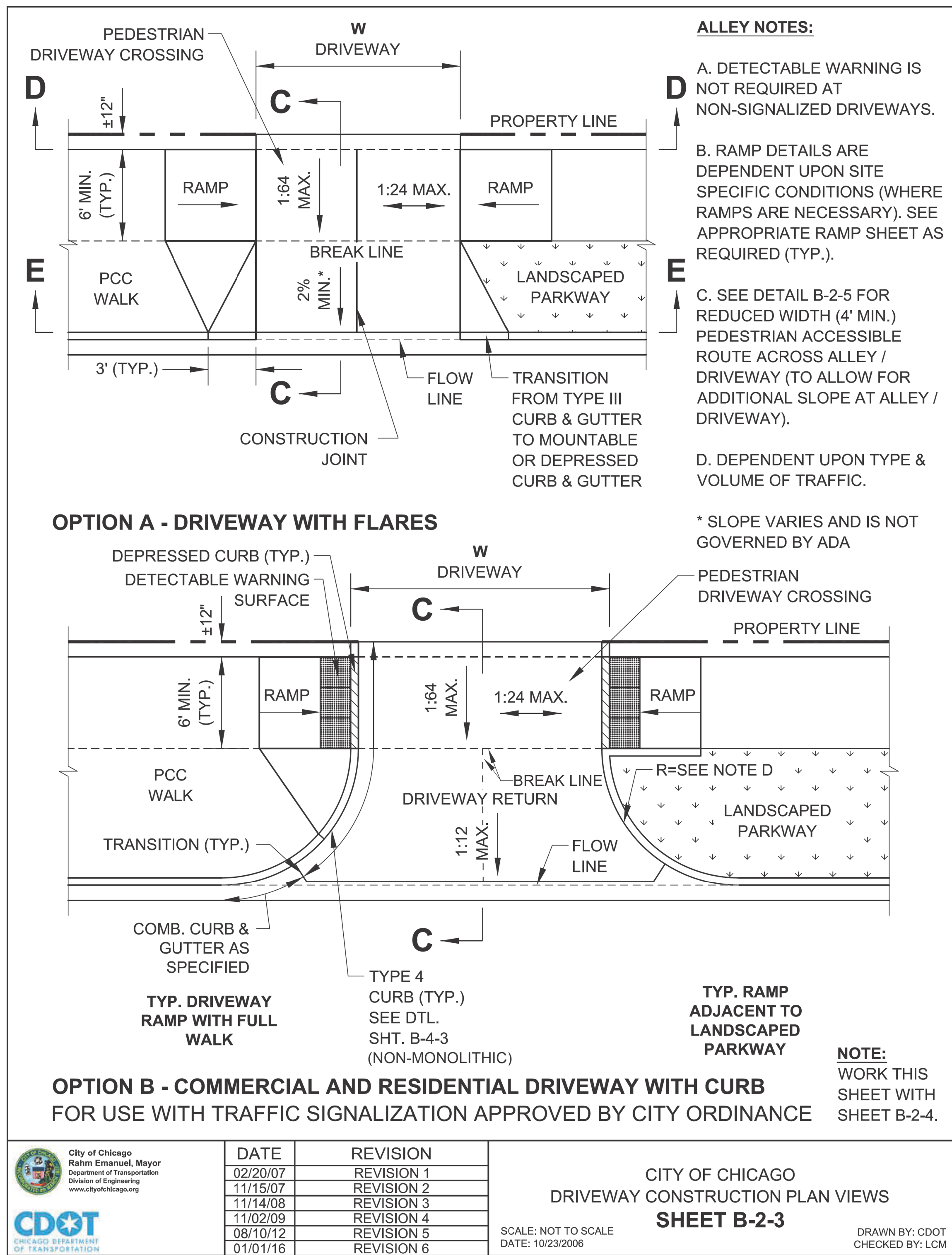
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/3/2025	DATE - 07/03/2025	REVISED - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #111888	COOK	29	14
	SCALE: NTS		

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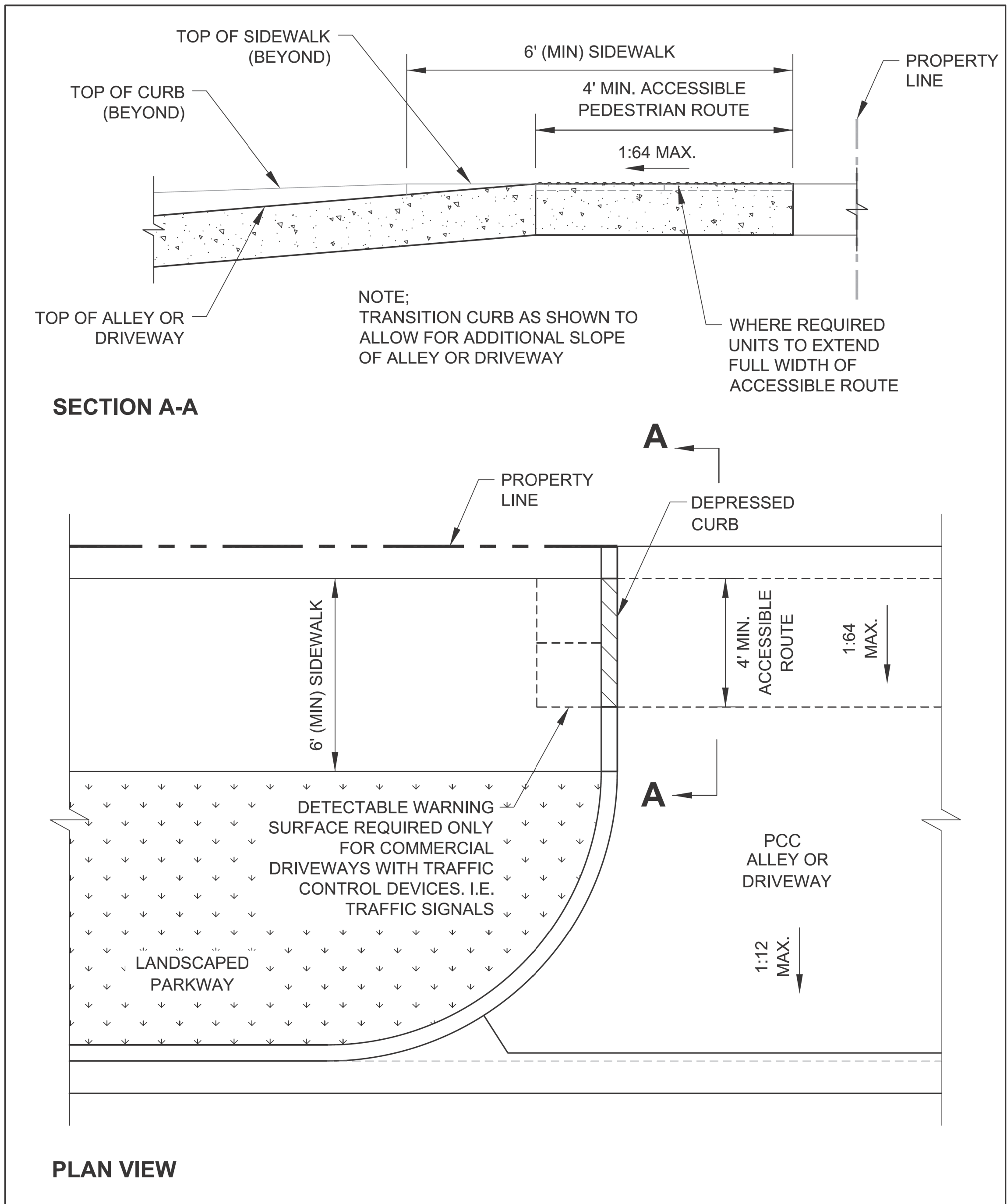


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	DATE - 07/03/2025	REVISED - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #111888	COOK	29	16
SCALE: NTS			



 City of Chicago Rahm Emanuel, Mayor Department of Transportation Division of Engineering www.cityofchicago.org  CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO ALLEY & DRIVEWAY DETAIL FOR REDUCED WIDTH PEDESTRIAN ACCESS ROUTE SHEET B-2-5 SCALE: NOT TO SCALE DATE: 10/23/2006 DRAWN BY: CDOT CHECKED BY: GK
	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	

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	CITY OF CHICAGO ADA COMPLIANCE AND TRANSITION GUIDELINES SHEET B-3-4 SCALE: NOT TO SCALE DATE: 10/23/2006 DRAWN BY: CDOT CHECKED BY: GK
	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	

MODEL: Default
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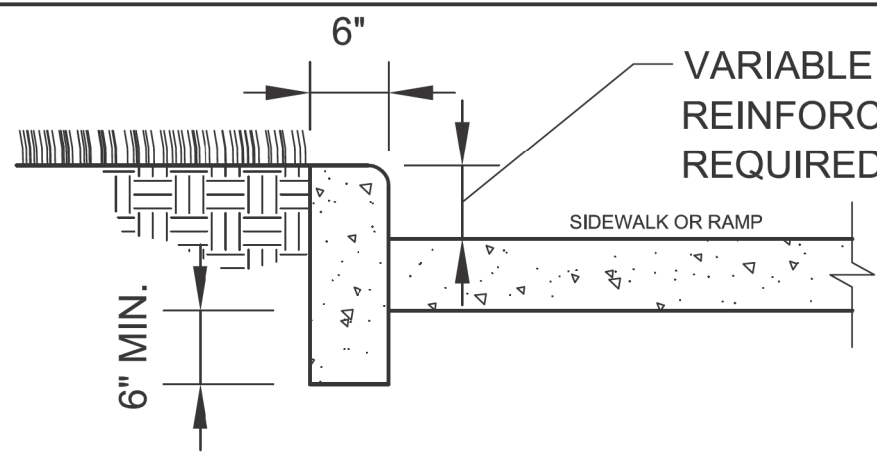


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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/3/2025	DATE - 07/03/2025	REVISED - 07/10/2025

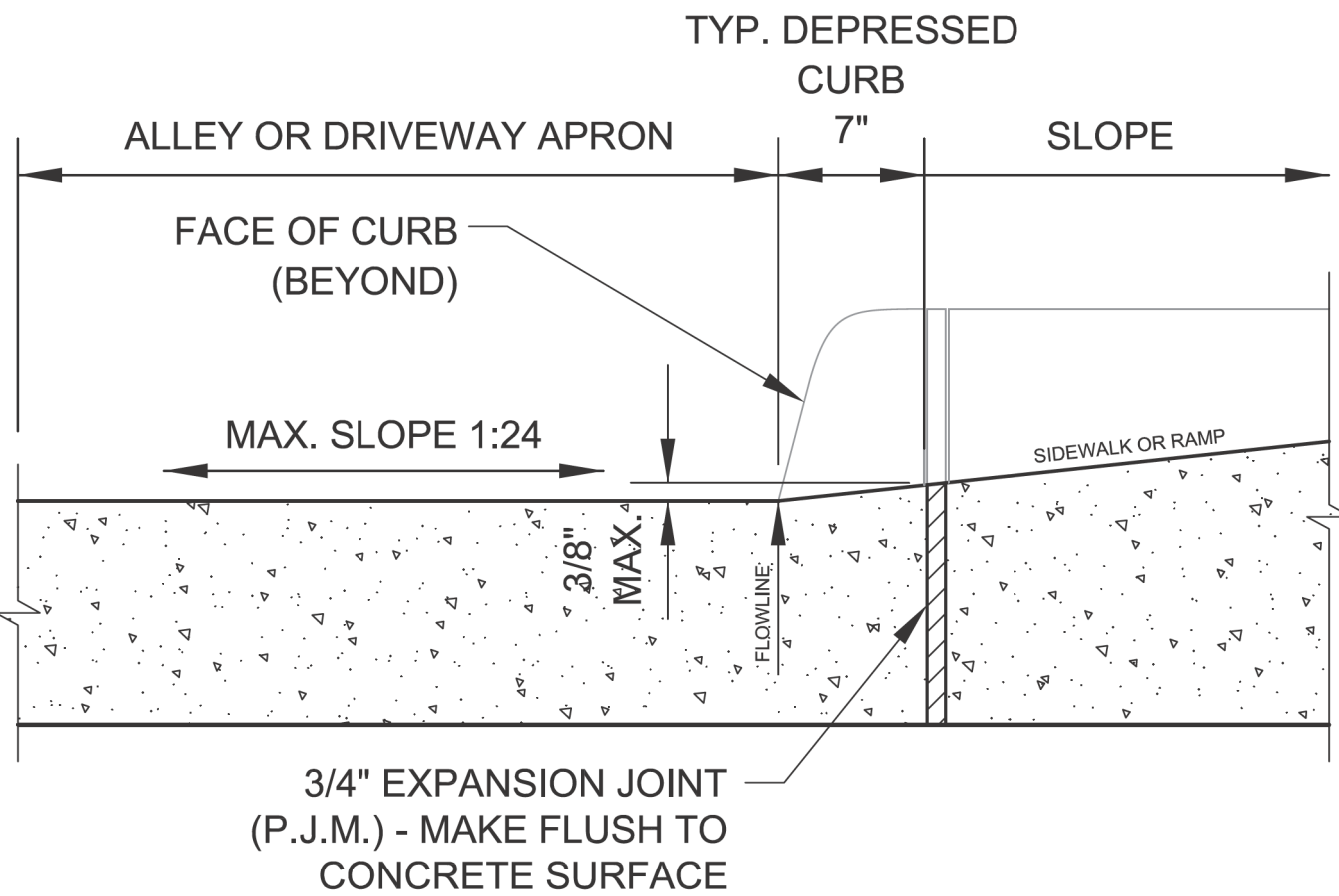
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

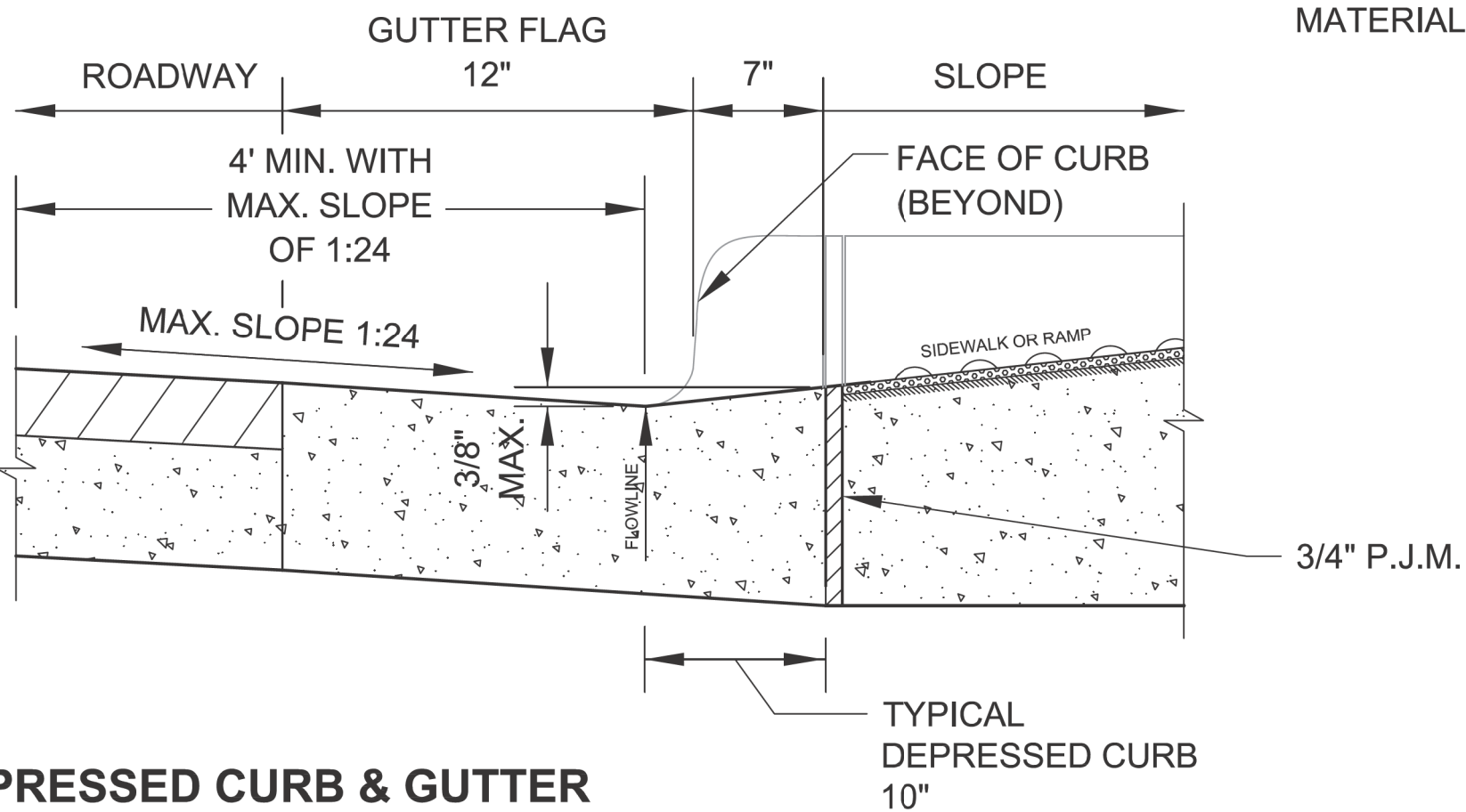
OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #111888	COOK	29	17
SCALE: NTS			



SIDE CURB - SECTION



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



DEPRESSED CURB & GUTTER
AT BOTTOM OF TYPICAL CURB RAMP

**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.



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

**CITY OF CHICAGO
CURB & GUTTER DETAILS
SHEET B-4-3**

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

DRAWN BY: CDOT
CHECKED BY: LCM

MODEL: Default
FILE NAME: 10_2025_PBC_Alley_Revisions2025Package_6CADD Drawings22-CP48_W_23rd St & S. Oakley AveCADD SheetsCP48-sh-cdot-7.dgn



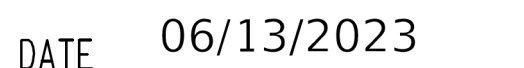
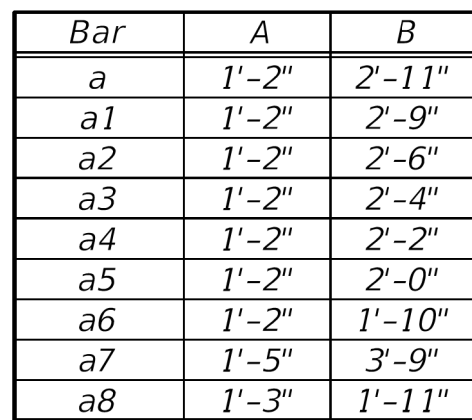
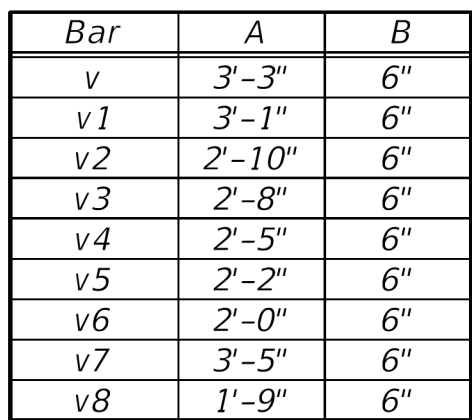
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/3/2025	DATE - 07/03/2025	REVISED - 07/10/2025

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD**

**CDOT STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET**

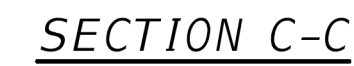
OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #111888	COOK	29	18
SCALE: NTS			

8. Reinforcement bars to have 2" cover unless otherwise noted.

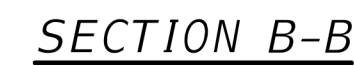


Bar	No.	Size	Length	Shape
a	1	#4	5'-3"	
a1	1	#4	5'-1"	
a2	1	#4	4'-10"	
a3	1	#4	4'-8"	
a4	1	#4	4'-6"	
a5	1	#4	4'-4"	
a6	1	#4	4'-2"	
a7	2	#4	6'-7"	
a8	2	#4	4'-5"	
a9	1	#4	2'-11"	
a10	1	#4	2'-9"	
a11	1	#4	2'-6"	
a12	1	#4	2'-4"	
a13	1	#4	2'-2"	
a14	1	#4	2'-0"	
a15	1	#4	1'-10"	
a16	2	#4	3'-9"	
a17	2	#4	1'-11"	
b	5	#4	5'-1"	
b1	5	#4	5'-4"	
h	16	#4	5'-3"	
v	2	#4	3'-9"	
v1	2	#4	3'-7"	
v2	2	#4	3'-4"	
v3	2	#4	3'-2"	
v4	2	#4	2'-11"	
v5	2	#4	2'-8"	
v6	2	#4	2'-6"	
v7	4	#4	3'-11"	
v8	4	#4	2'-3"	
s	2	#4	12'-2"	
s1	2	#4	6'-3"	
Concrete Structures			Cu. Yd.	1.3
Reinforcement Bars			Pound	220

SHEET NO.



3. Reinforcement bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.



DRAWN:	JAL			
DESIGNED	JAL			
CHECKED:	GJH			
DATE:	03/08/2023	REVISED BY	DATE	DESCRIPTION

 30 N LaSalle St. Suite 3220 - Chicago, Illinois 60602
Tel: 312.726.5910 - Fax: 312.726.5911
www.civiltechinc.com

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING**

PRECAST CONCRETE TRANSITION SEGMENT GREEN ALLEYS

DRAWING NO.

SHEET NO.

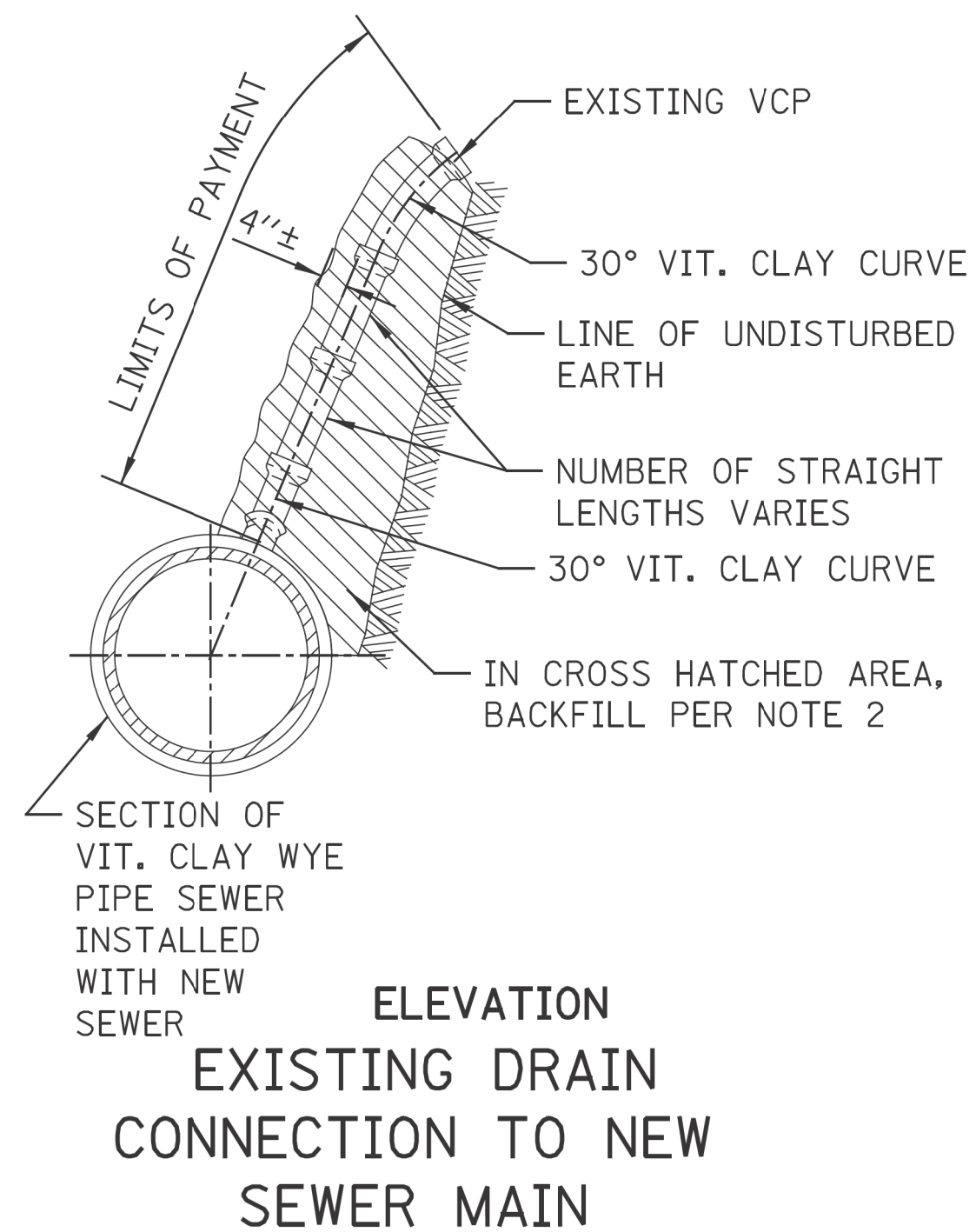
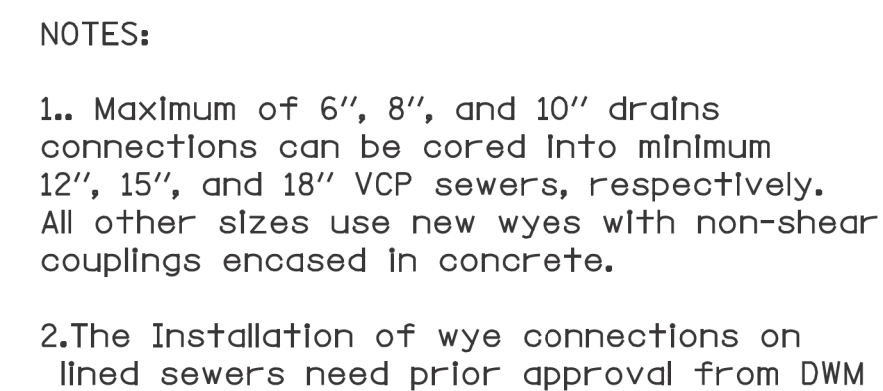
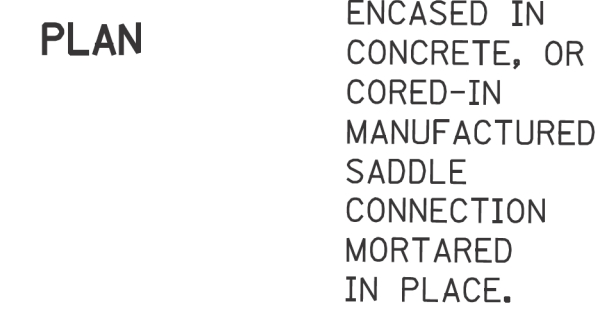
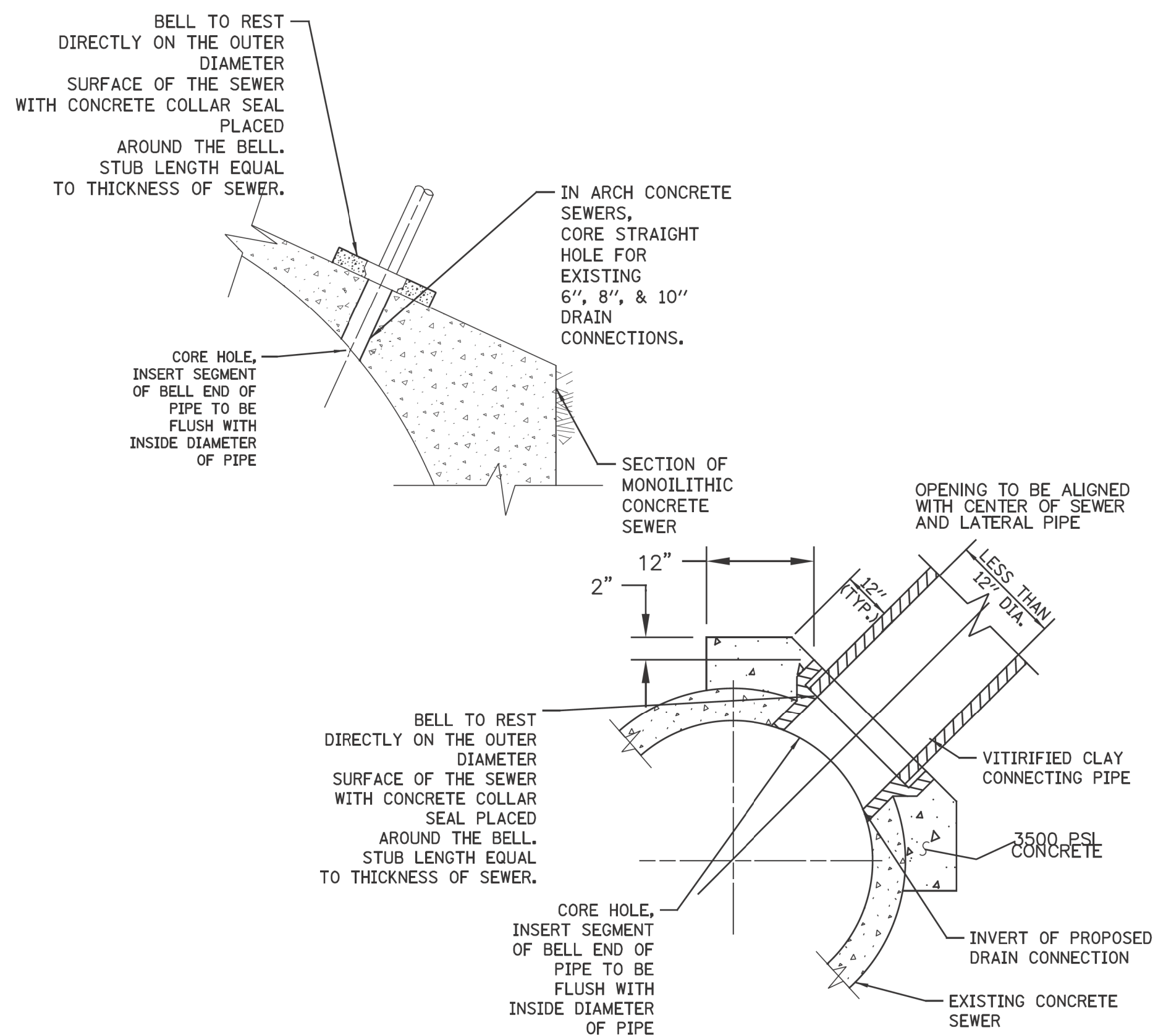
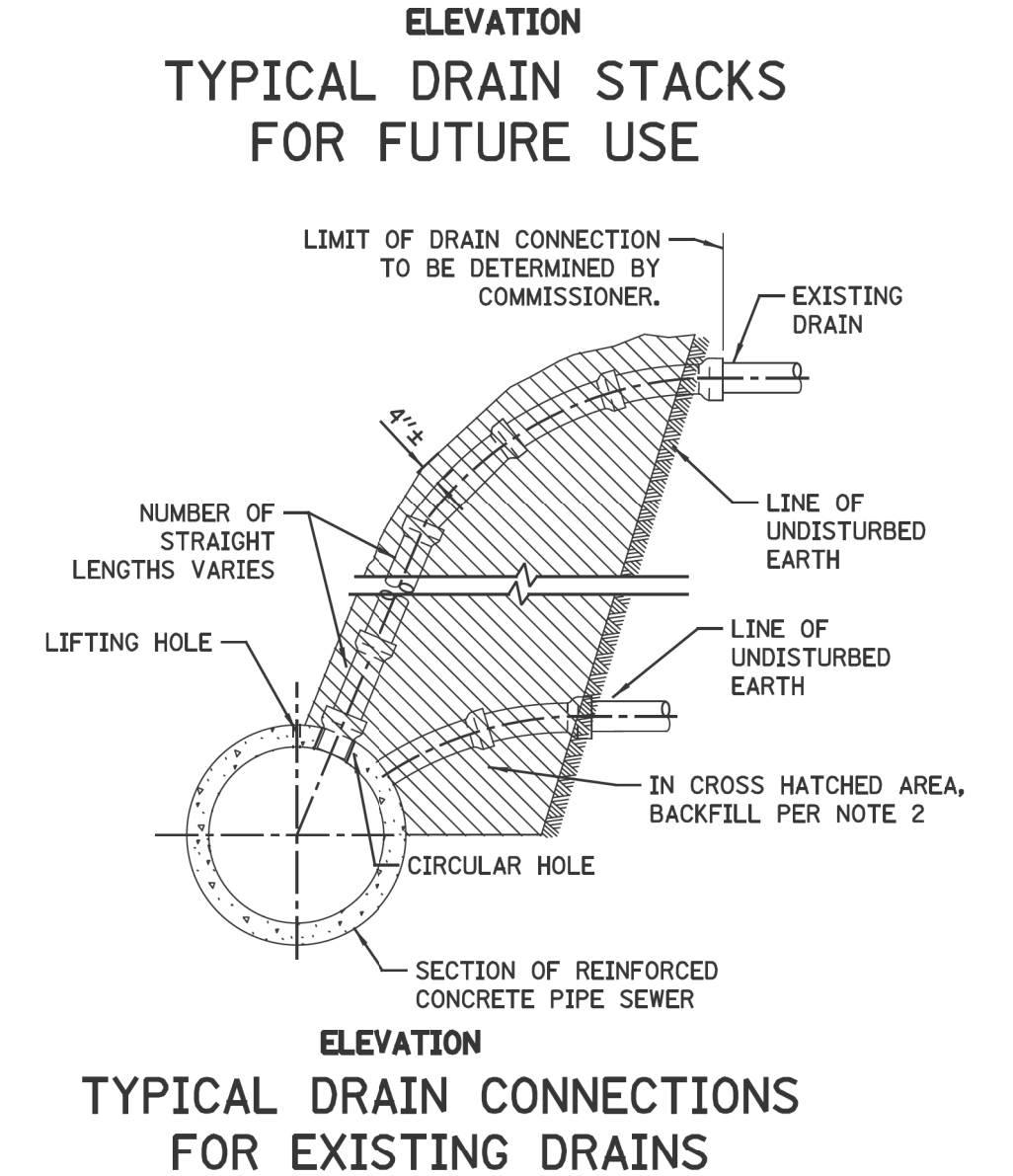
SHEET NO. S1 OF S1	SECTION NO.	PROJECT NO.
--------------------	-------------	-------------

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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/3/2025	DATE = 07/03/2025	REVISED = 07/10/2025

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD**

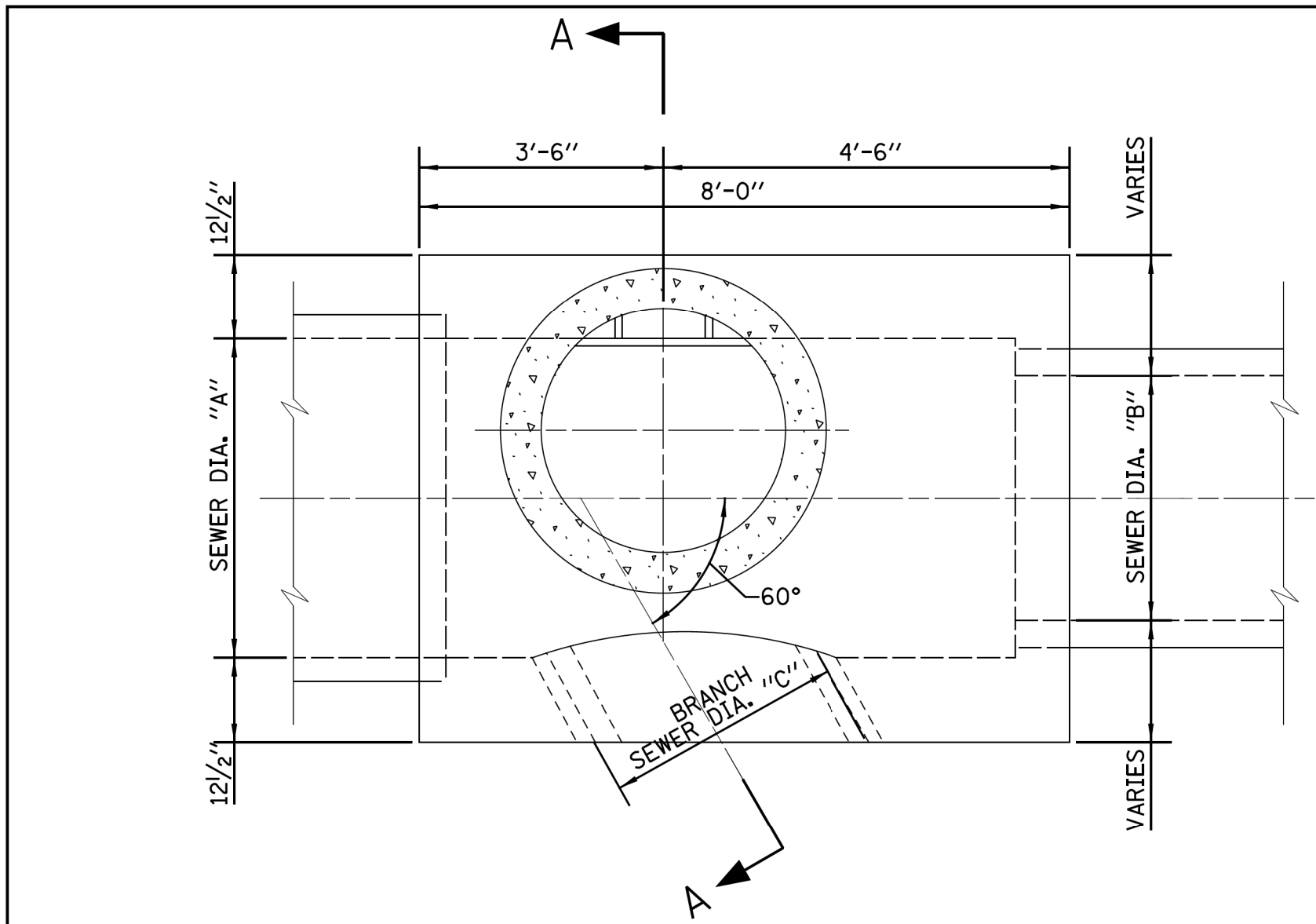
CDOT CONCRETE TRANSITION SEGMENT DETAILS
PBC PROJECT NO #22924
 W. 23RD STREET - W. 23RD PLACE
 S. OAKLEY AVENUE - S. LEAVITT STREET

ouc number	county	total sheets	sheet no.
ouc ir #111888	cook	29	21
scale: nts			

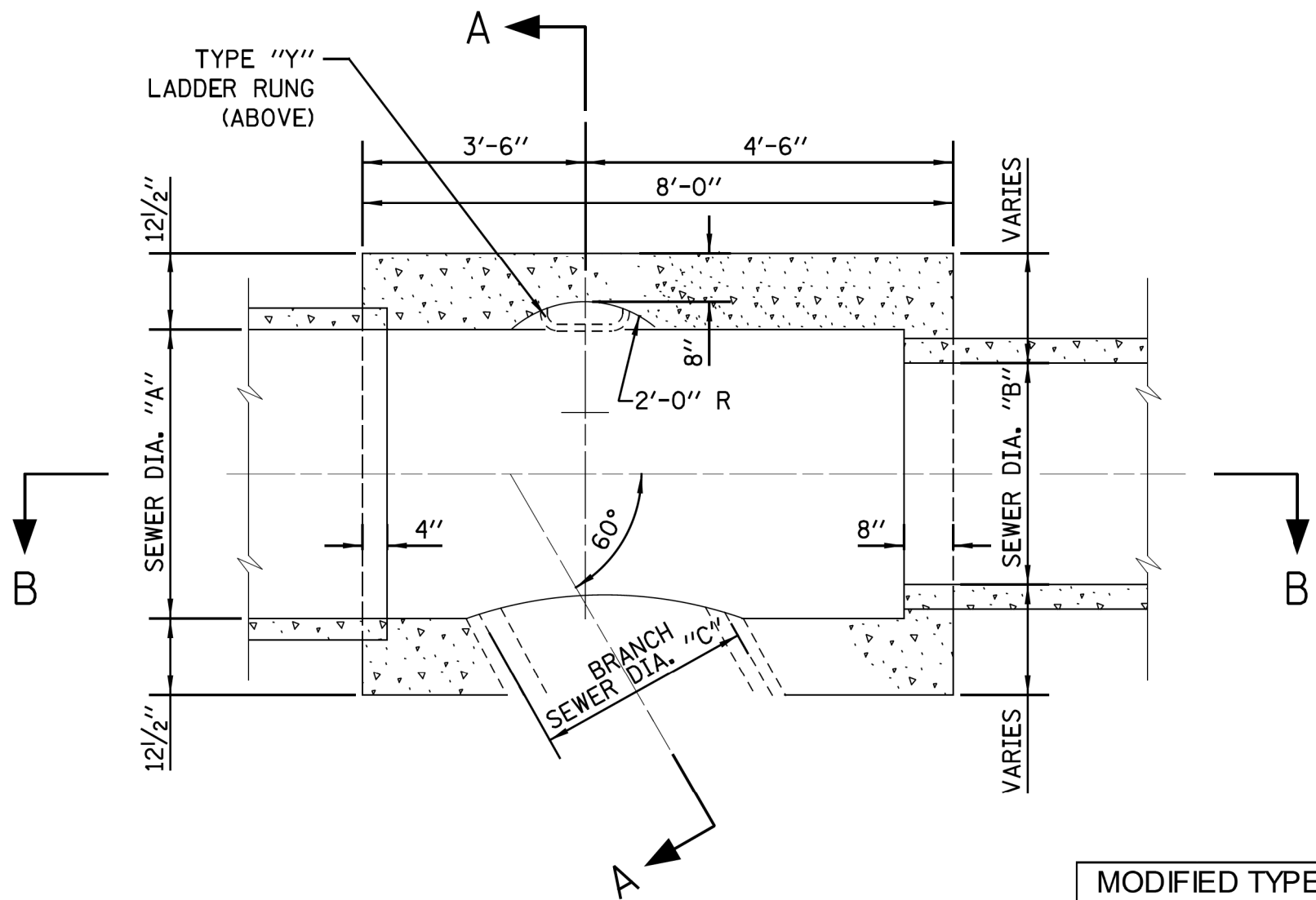


1. ALL DRAIN CONNECTION JOINTS MUST BE MADE AS SPECIFIED IN SPECIFICATIONS..
2. FOR BACKFILL OF HATCHED SUPPORT AREAS, USE CONCRETE, CA-11, FLOWABLE FILL, OR CLSM.
3. CONNECTIONS TO CONCRETE/BRICK SEWERS SHALL BE A MINIMUM OF 4 FEET APART.

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN: <u>SBW</u> DESIGNED: _____ CHECKED: _____ GD, GC, SD	A.1
	REVIEWED: _____ _____ OF _____ PN _____	
VITRIFIED CLAY PIPE(VCP) DRAIN CONNECTIONS		

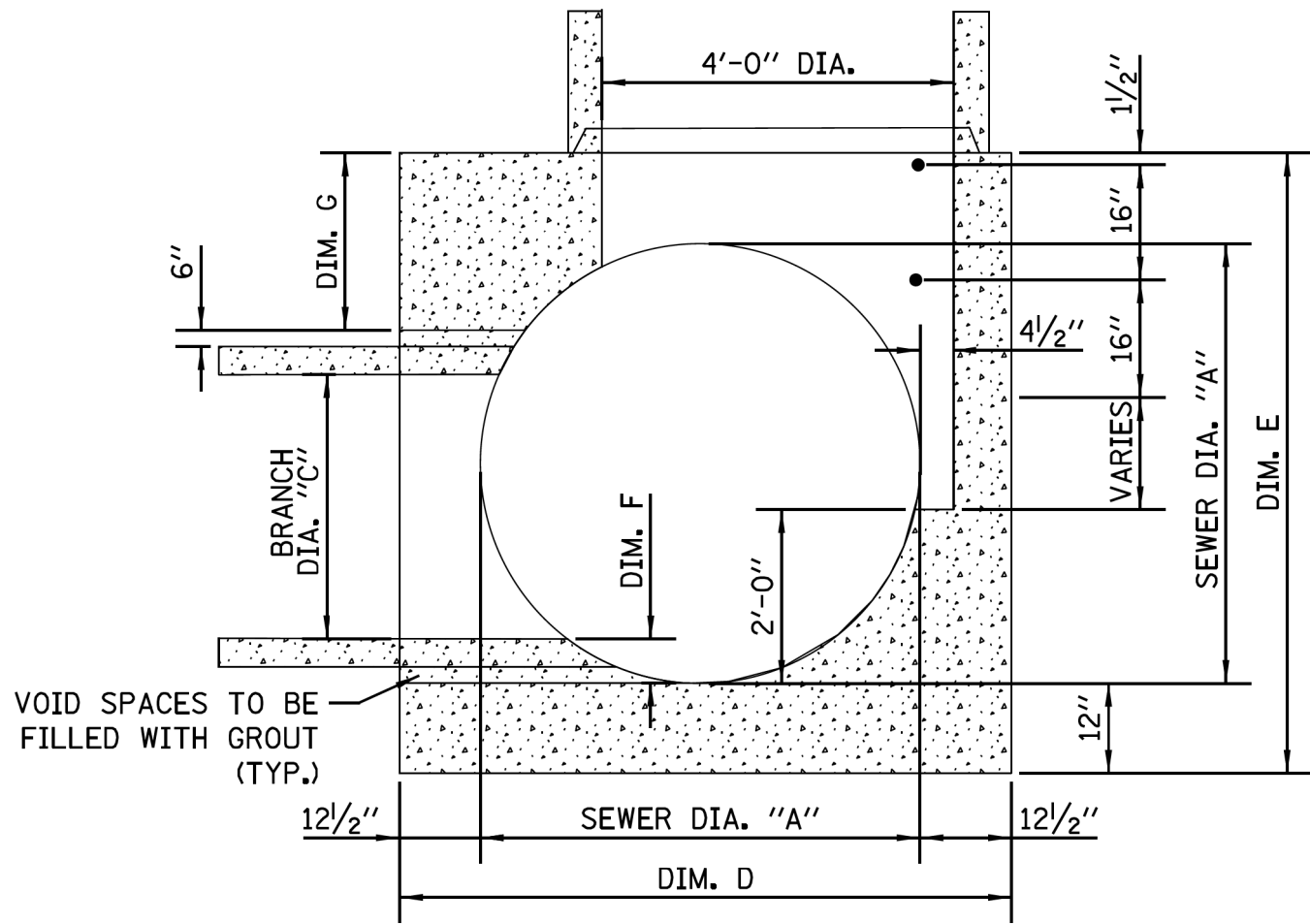


PLAN

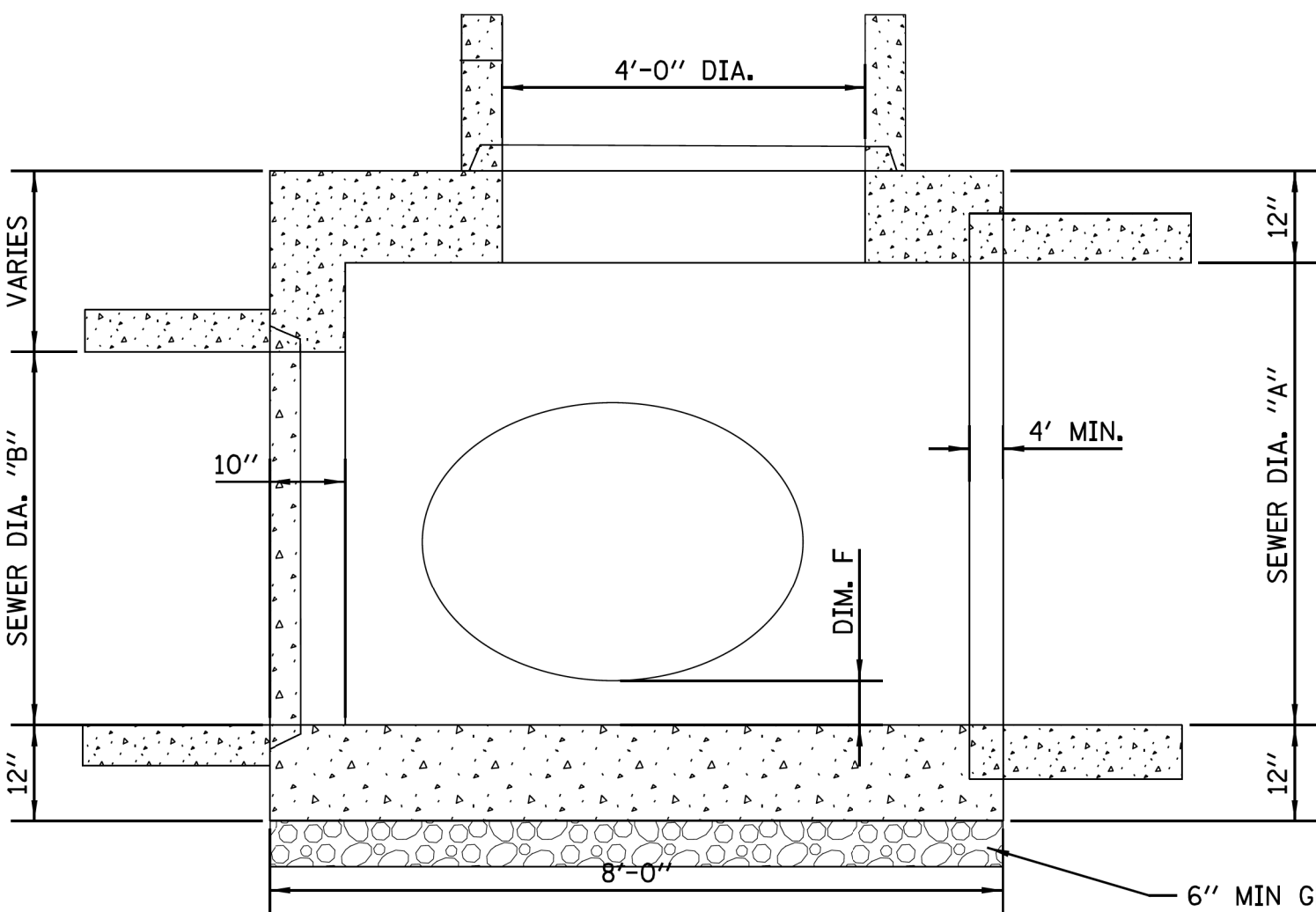


SECTIONAL PLAN

- NOTES:
1. CONTRACTOR MUST SUBMIT SHOP DRAWINGS OF ALL PROPOSED MANHOLE CONFIGURATIONS FOR APPROVAL PRIOR TO SUBMISSION OF MATERIAL ORDERS.
 2. CONNECTION BELLS MAY BE INSTALLED AT MANUFACTURER'S SITE, OR MORTARED IN PLACE IN THE FIELD. SEE SHEET A.11 FOR FURTHER CONFIGURATION DETAILS.
 3. BASES MUST BE PRECAST WITH THE CORRECT NUMBER OF PIPE OPENINGS, CORRESPONDING TO THE REPRESENTATION IN THE PLAN AND PROFILE SHEETS.
 4. PATCHING, BRICKING, OR OTHER MATERIAL METHODS OF CLOSING UNUSED HOLES WILL NOT BE ACCEPTED.
 5. 6" MINIMUM GRANULAR EMBEDMENT UNDER ALL PRECAST MANHOLE BASES



SECTION A-A



SECTION B-B

MODIFIED TYPE B MANHOLES FOR 42", 36", & 30" BRANCHES						
SEWER SIZE		BRANCH SIZE	DIMENSION			
A	B	C	D	E	F	G
60	60	42	85	84	6	18
60	60	36	85	84	6	24
60	60	30	85	84	6	30
54	54	42	79	78	6	12
54	54	36	79	78	6	18
54	54	30	79	78	6	24
48	48	42	73	78	6	12
48	48	36	73	72	6	12
48	48	30	73	72	6	18
42	42	36	67	72	6	12
42	42	30	67	66	6	12
30	30	30	55	66	6	12

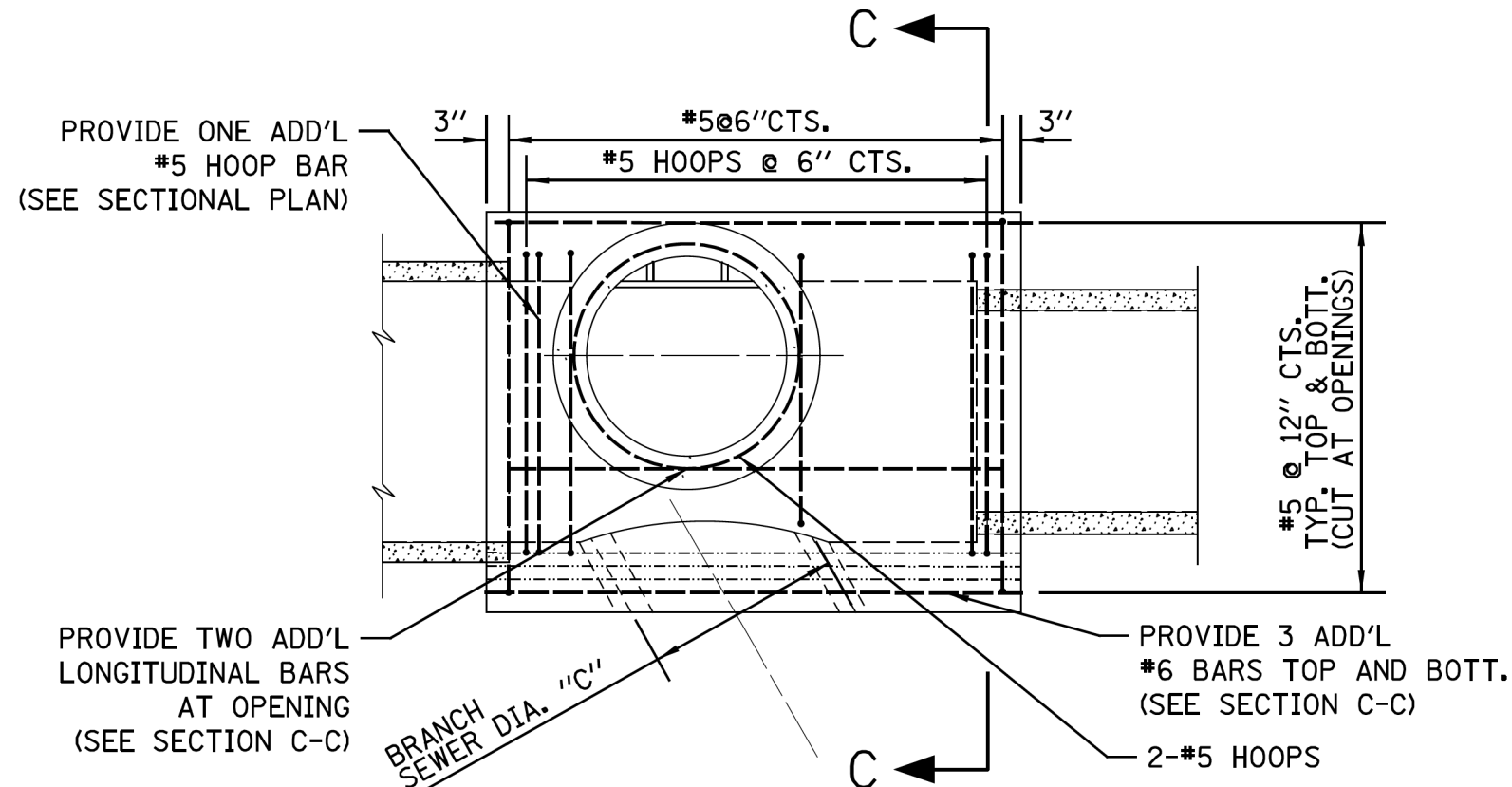
ALL MEASUREMENTS ARE IN INCHES

NOTE: WHEN B IS SMALLER THAN A, GAP SHALL BE FILLED WITH CONCRETE DURING CASTING.

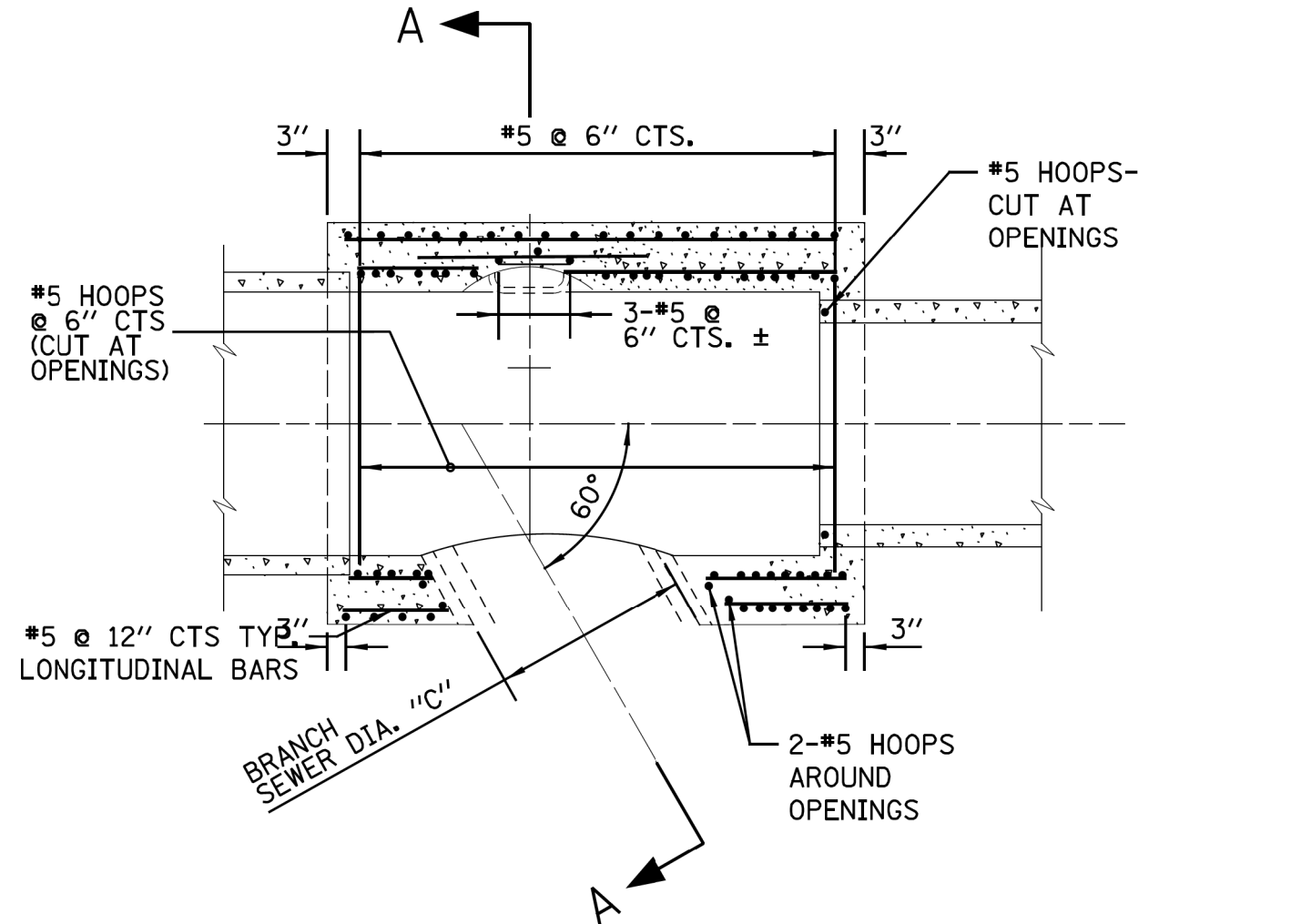
SIMILAR REBAR DESIGN SHALL BE USE.

CONTRACTOR SHALL SUBMIT REBAR DETAILS FOR APPROVAL

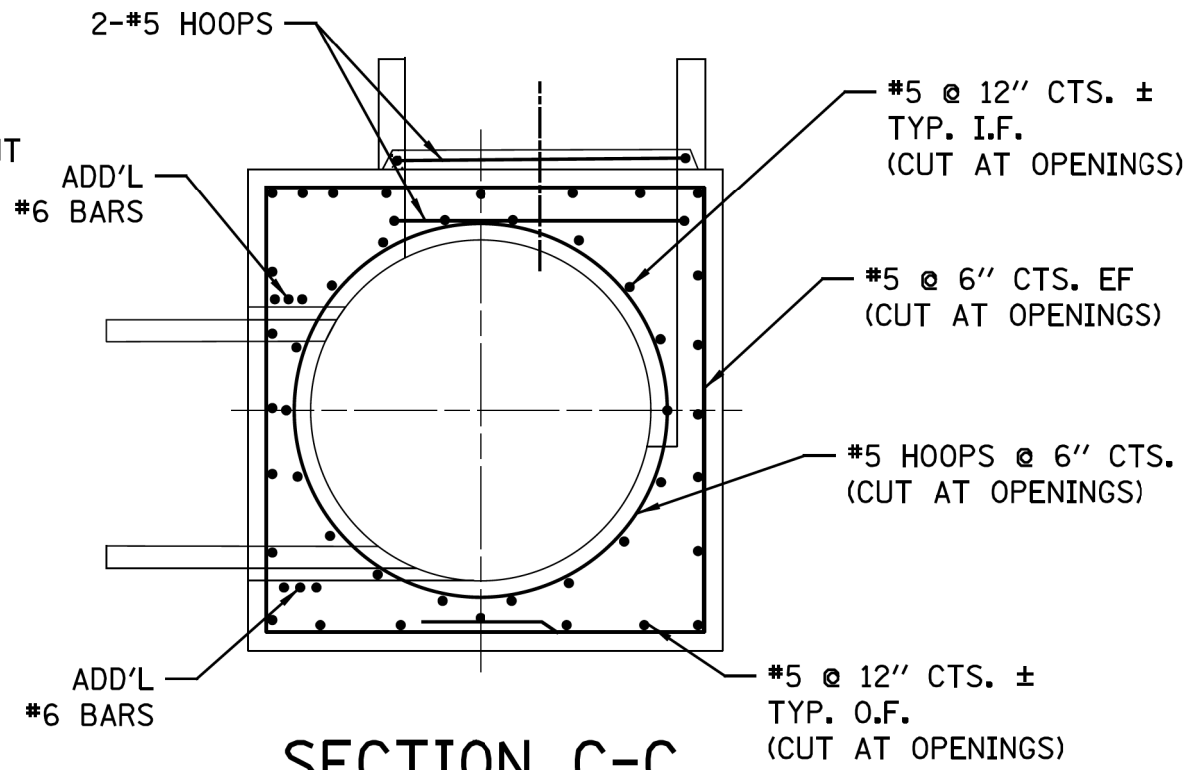
IF BRANCH SEWER IS LESS THAN 36" DIA., ANGLE SHALL BE 45 DEGREES.



PLAN



SECTIONAL PLAN



SECTION C-C

STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		DRAWN DESIGNED	SHEET NO.
DATE	DESCRIPTION			MODIFIED TYPE "B" MANHOLE		CHECKED REVISED	
1/5/15	REVISED	30					A.12
		60					
		75					
		90					
		100					
		BULLETIN					
						____ OF ____	
						PN _____	

A.12

OF
PN

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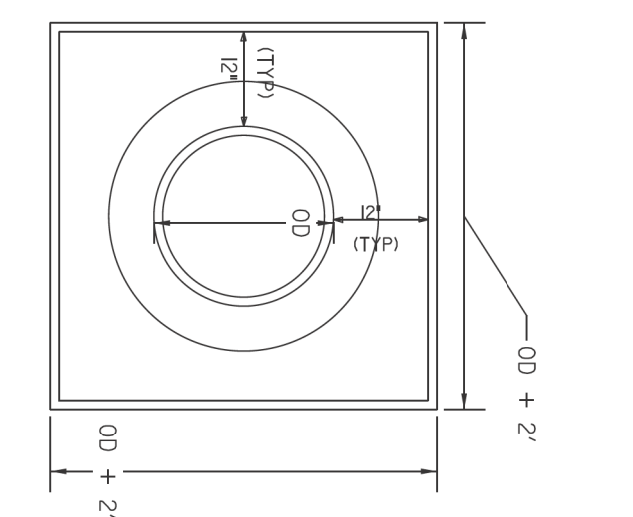
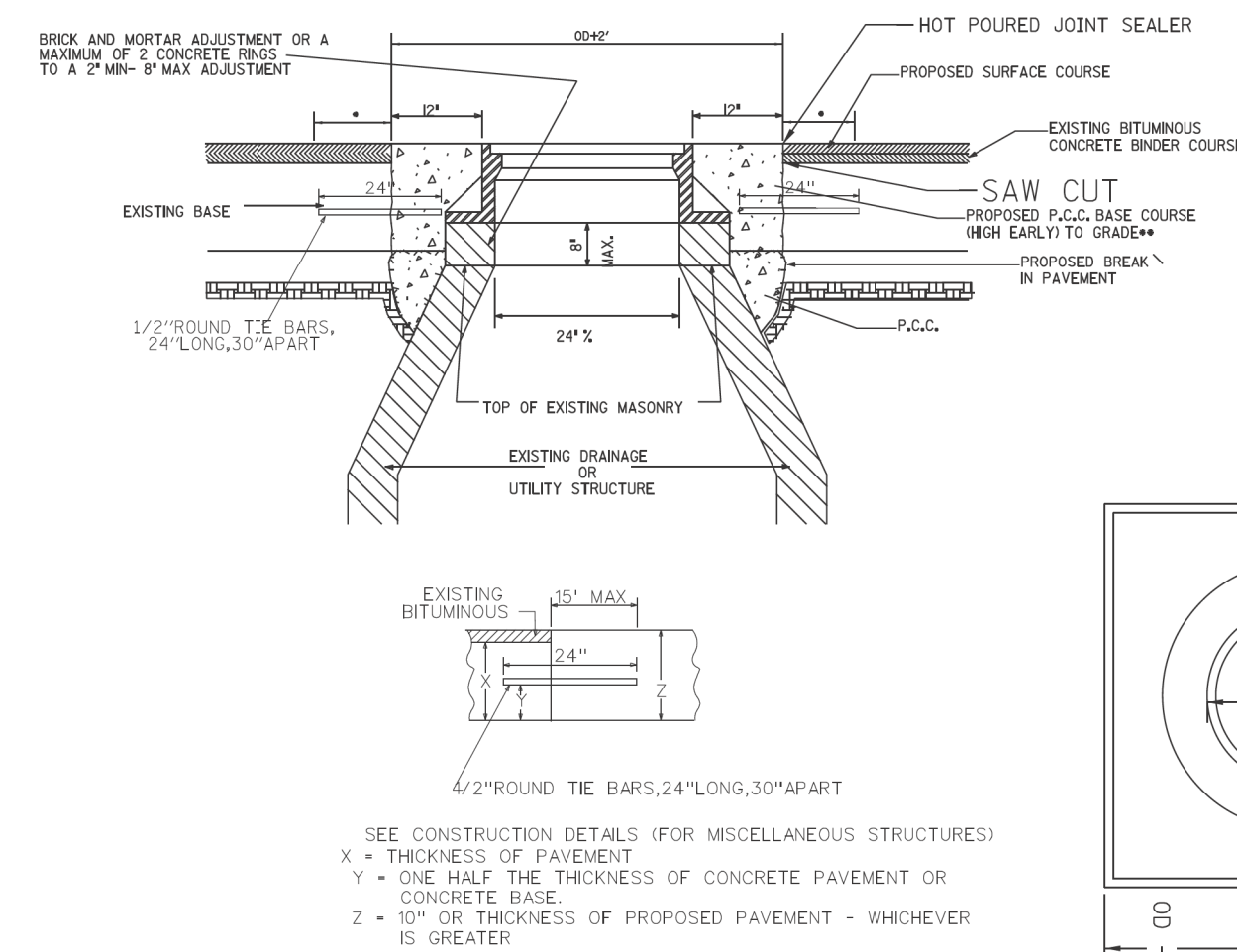
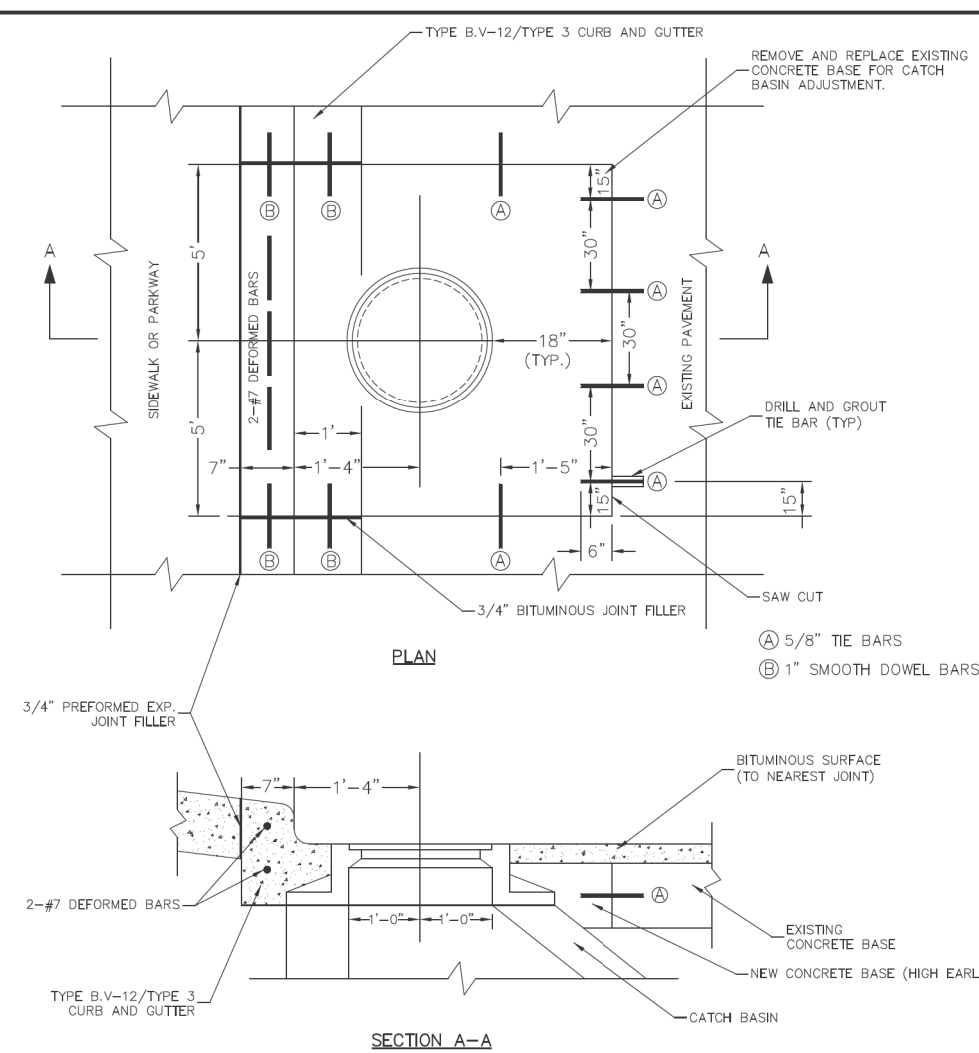
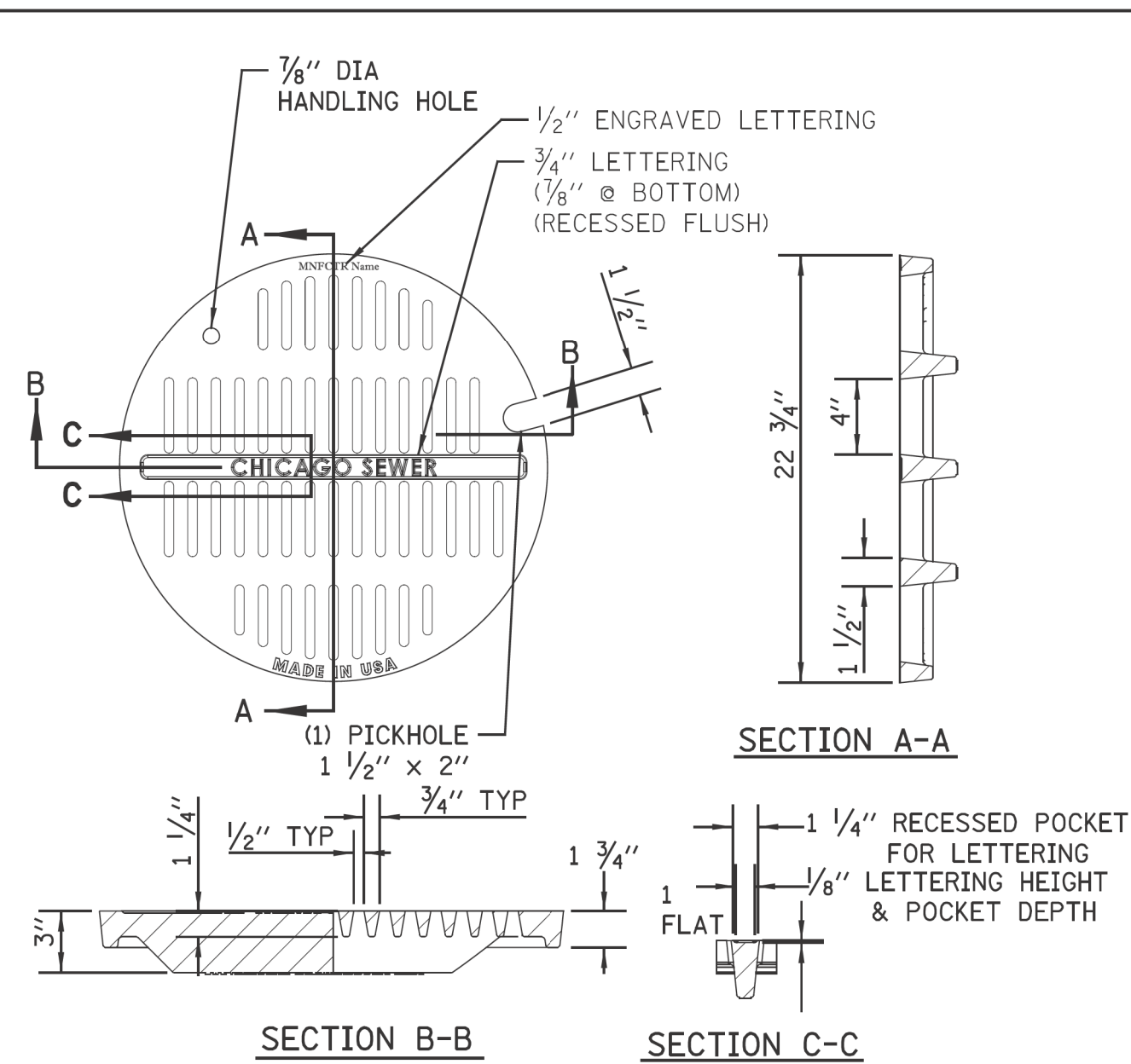
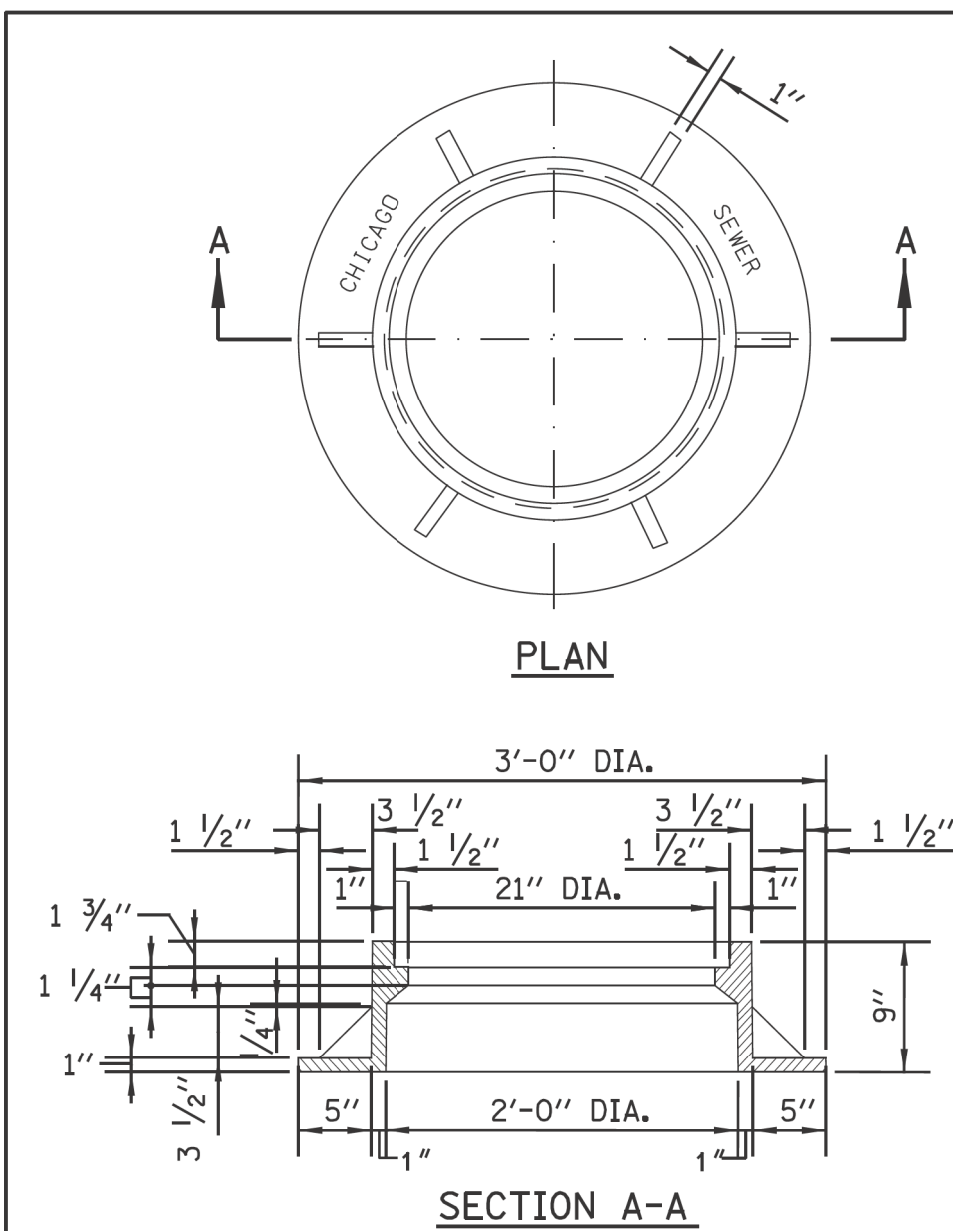


USER NAME	= ashkc	DESIGNED	-	REVISED	-
PLOT SCALE	= 10.0000 ' / in.	DRAWN	-	REVISED	-
PLOT DATE	= 7/3/2025	CHECKED	-	REVISED	-
		DATE	= 07/03/2025	REVISED	= 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

CDWM STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

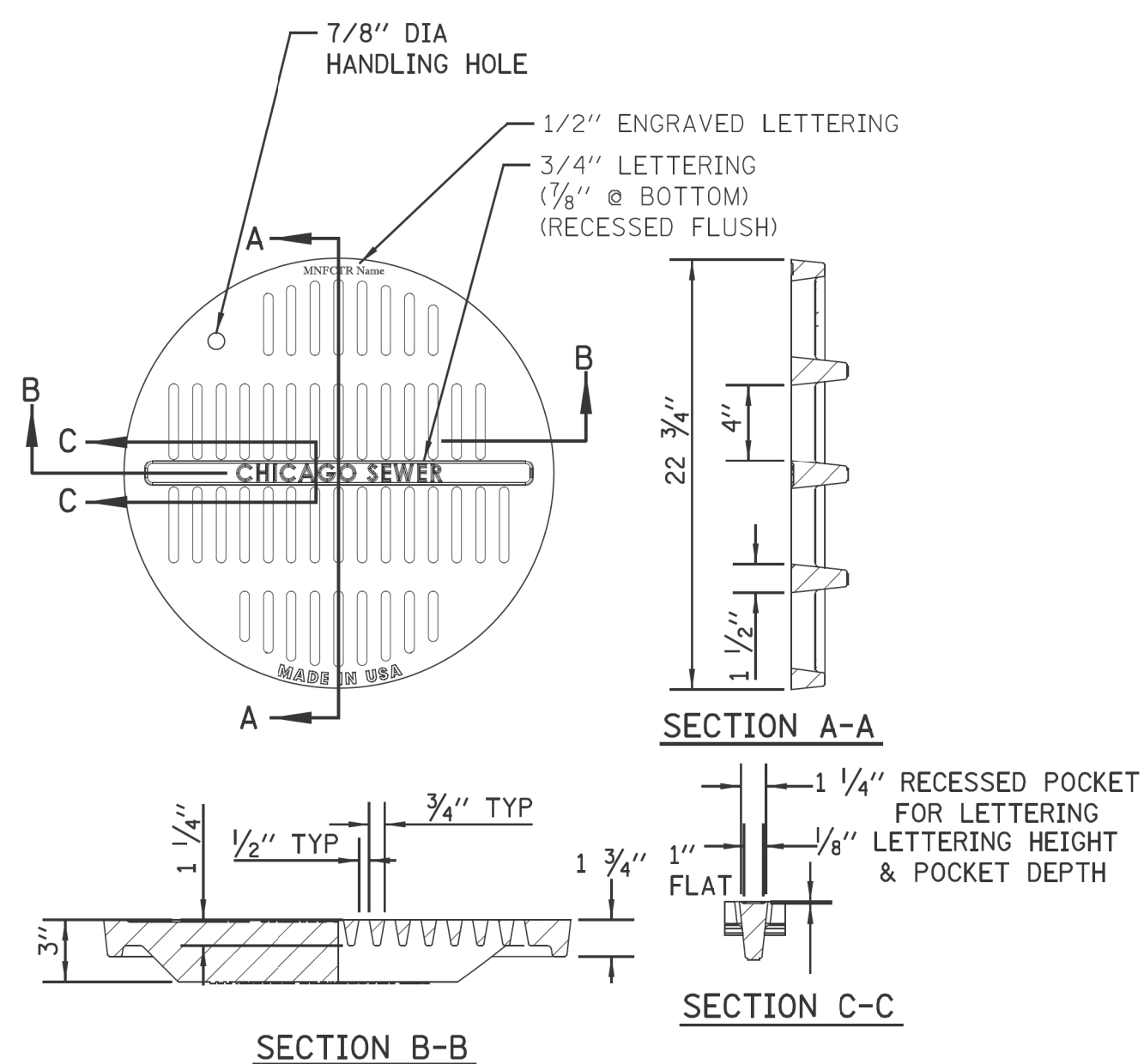
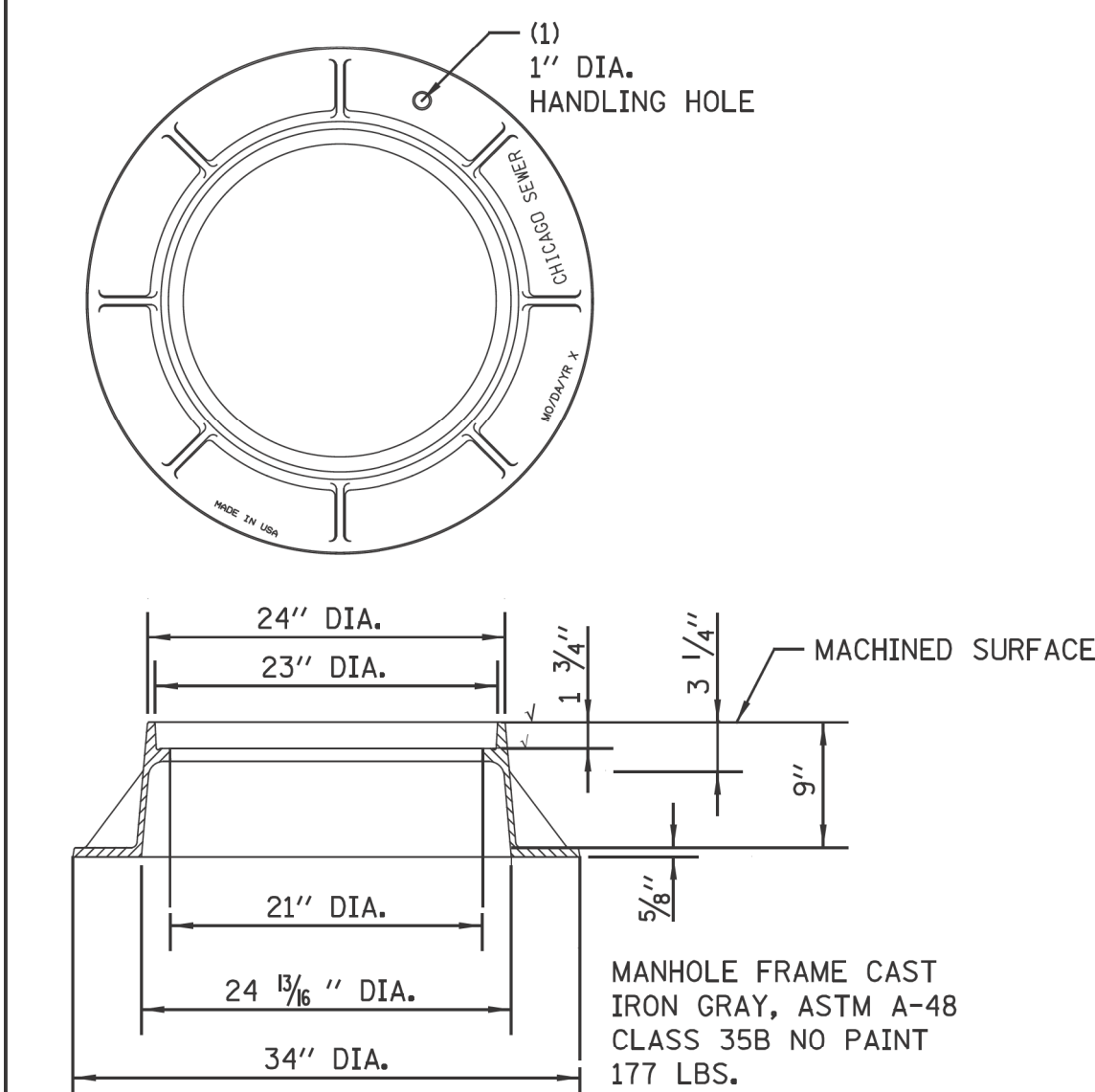
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OUC IR #111888	COOK	29	23
		SCALE: NTS	



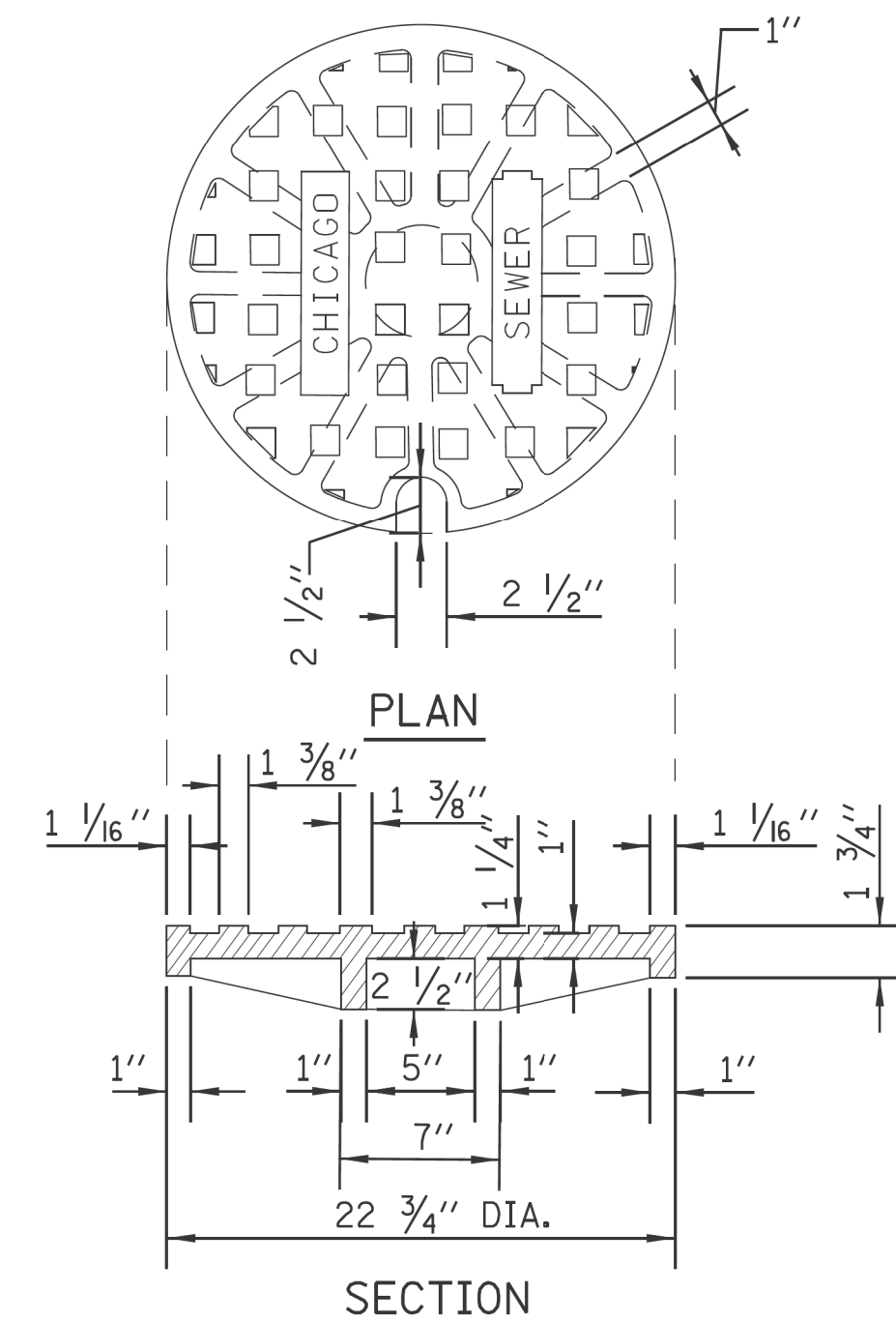
*REFER TO CDOT FOR ASPHALT RESTORATION REQUIREMENTS & CRACK SEALING.

♦♦ ON NON-MORATORIUM STREETS, FULL-DEPTH
PCC BASE COURSE MAY BE UTILIZED. ON
MORATORIUM
STREETS, PAVEMENT RESTORATION SHALL ADHERE TO
CDOT REQUIREMENTS.

DETAIL OF FRAME ADJUSTMENT



SOLID LID FOR MANHOLES



STANDARD REVISIONS	
DATE	DESCRIPTION
2/5/21	Approved

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BILL LETTN	

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		DRAWN: <u>SBW</u> DESIGNED: _____ CHECKED: _____ CD, GC, SO	A.21
MANHOLE LIDS AND FRAMES		REVIEWED: _____ _____ OF _____ PN _____	

Left Diagram Labels:

- #5 DOWEL BAR @ CONSTRUCTION JOINT
- TYPE B CURB & GUTTER Per CDOT Details
- 1/2" ROUND TIE BARS 30" LONG, 30" C/C
- CHICAGO FRAME & LID
- Note: Positive Summit for Drainage
- 4" MAXIMUM (TYP)
- 8" VIT. CLAY, 1' VERTICAL HALF TRAP
- PRECAST CONCRETE ADJUSTMENT RING
- 2" MIN 8" MAX 2 RING MAXIMUM
- 2'-0" DIA.
- PRECAST REINF. CONC. OFFSET CONE
- SWIRL CHAMBER
- VORTEX or ORIFICE RESTRICTOR (SEE MISC DETAILS SHEET A.26)
- SUMP 3'-4"
- 4'-0" DIA.
- 7'-4"
- 4'-6"
- 2'-10"
- 1'-0"
- 5"

Right Diagram Labels:

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

5'-0" DIA.

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

ORIFICE RESTRICTOR
(SEE MISC
DETAILS
SHEET A.26)

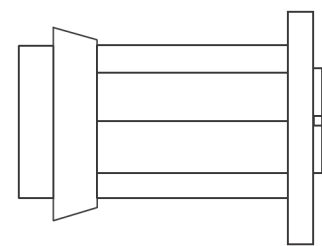
MIN. SUMP
3'-4"
W/DIRECT
SURFACE
RUNOFF

2'-0" W/O
DIRECT
SURFACE
RUNOFF

SUMP

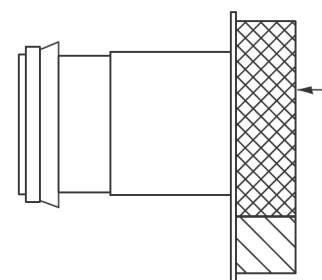
STANDARD INLET-2' DIA.

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:

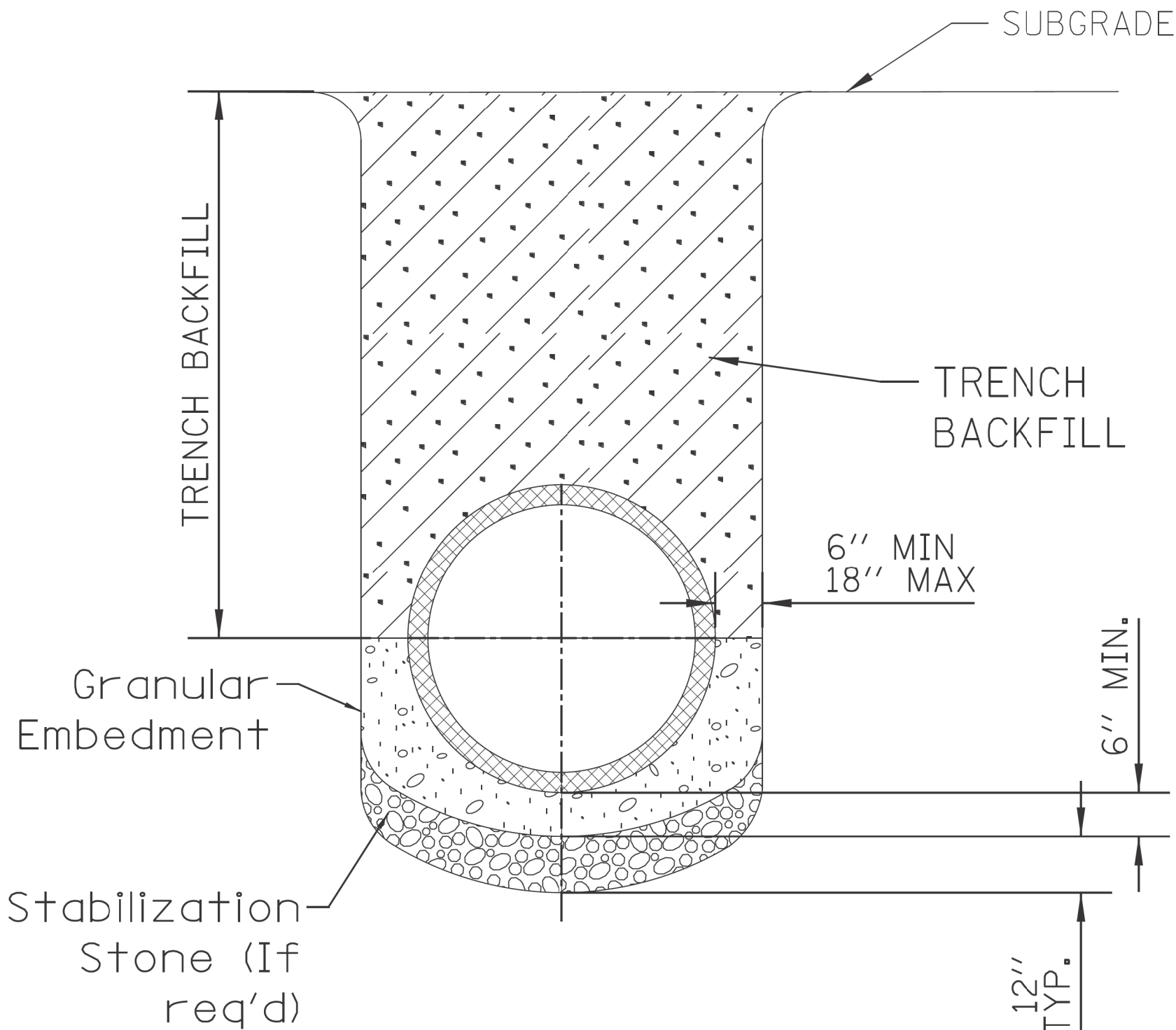
THE DWM'S RAIN BLOCKER RESTRICTOR PROGRAM MUST BE MAINTAINED WITH ANY ROADWAY IMPROVEMENT.

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.

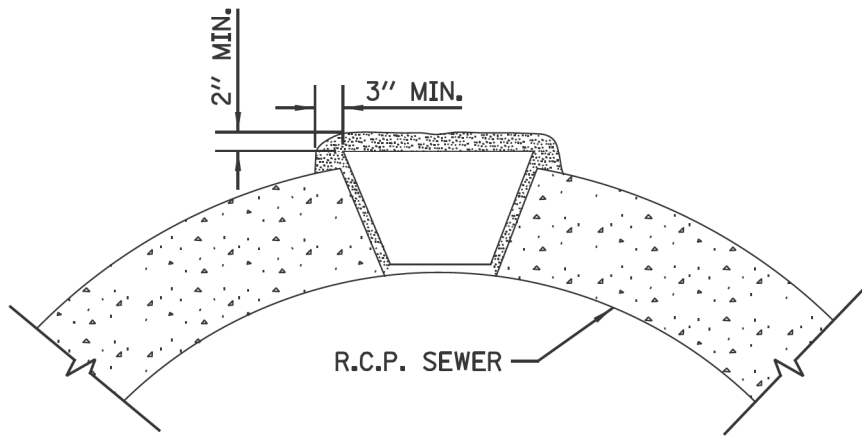


NOTE:

- 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>SSW</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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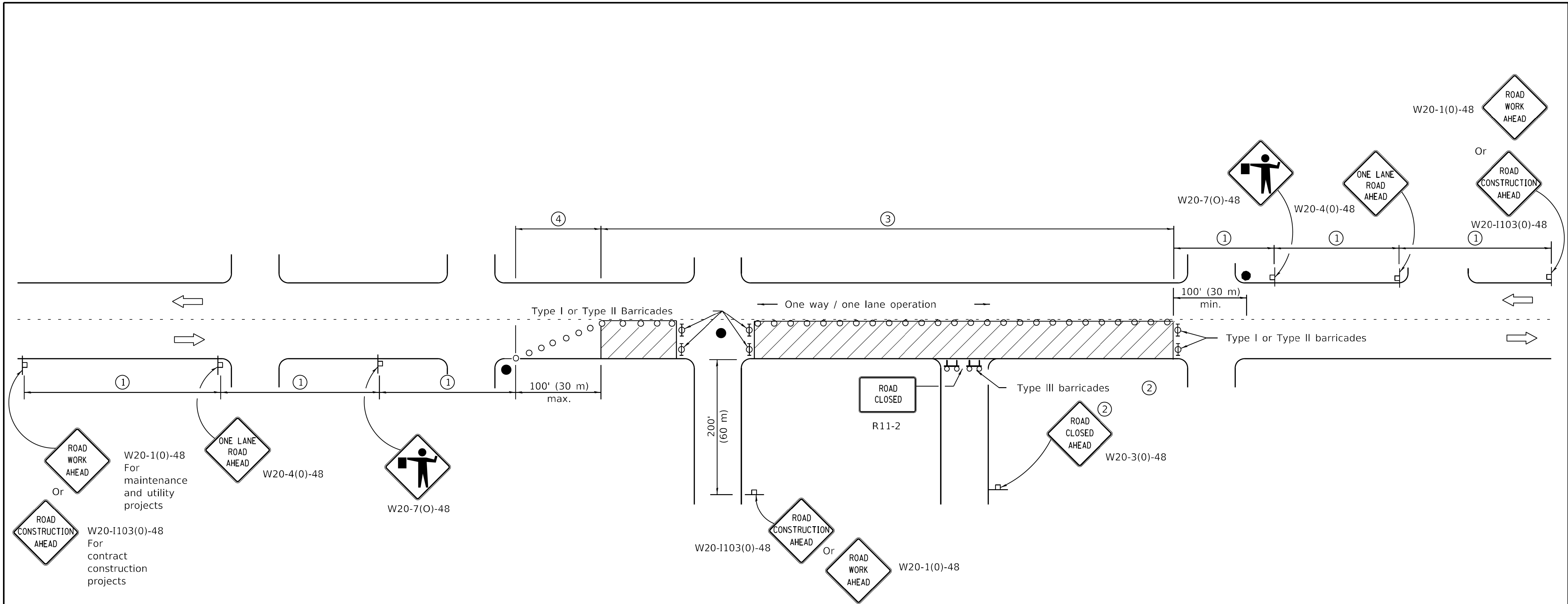
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	DRAWN -	REVISED -
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PLOT DATE = 7/3/2025	DATE - 07/03/2025	REVISED - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

CDWM STANDARD CONSTRUCTION DETAILS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #111888	COOK	29	26
	SCALE: NTS		

Model: Default
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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.

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.	

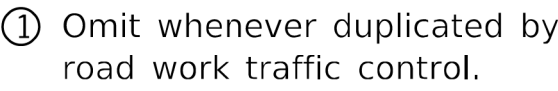


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PLOT DATE = 7/3/2025	CHECKED -	REVISED -
	DATE - 07/03/2025	REVISED - 07/10/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25TH WARD

IDOT STANDARD DETAILS
PBC PROJECT NO #22924
W. 23RD STREET - W. 23RD PLACE
S. OAKLEY AVENUE - S. LEAVITT STREET

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #111888	COOK	29	27
SCALE: NTS			



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.

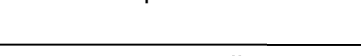
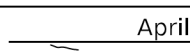
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06

SYMBOLS

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

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

