

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
		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

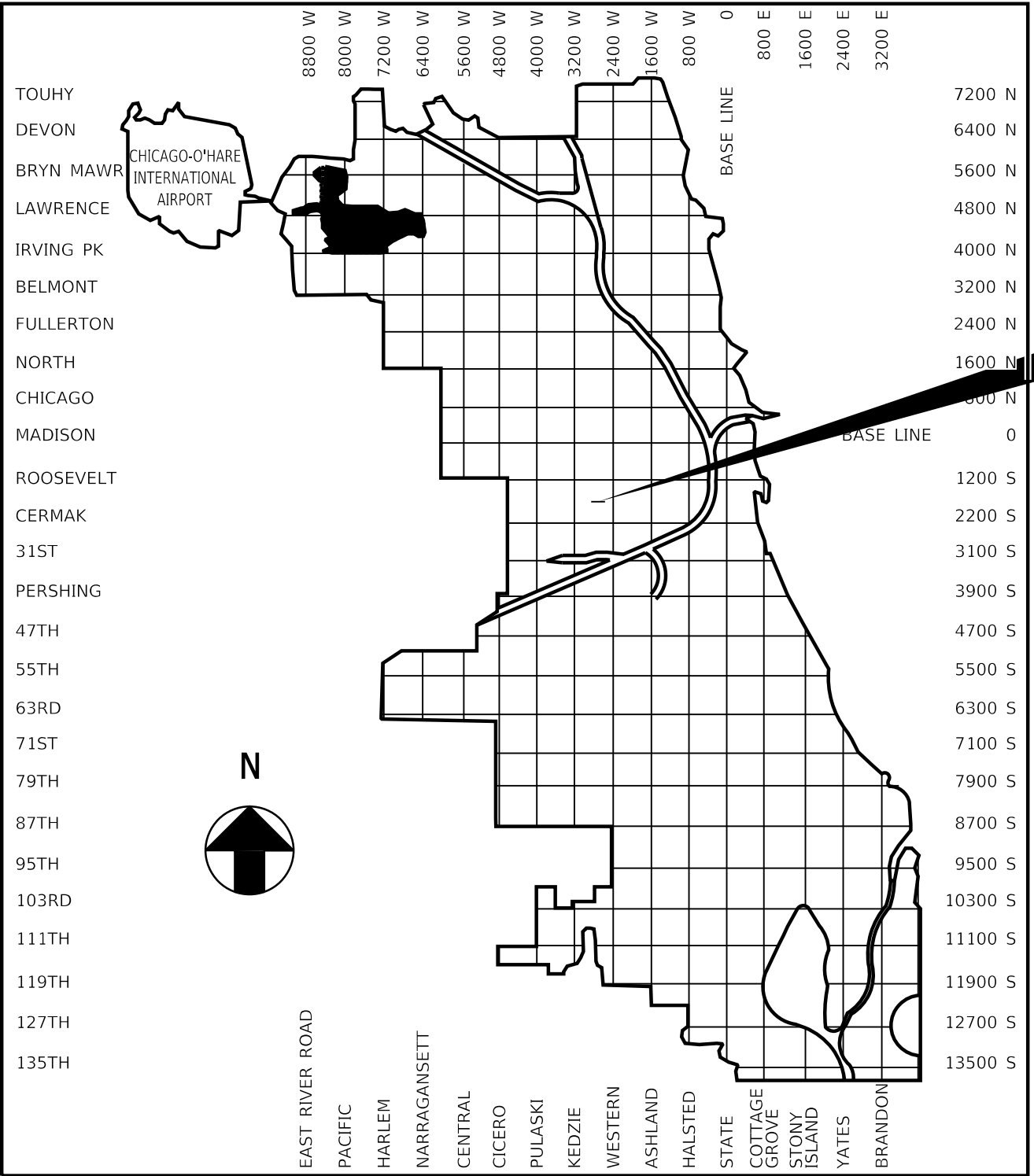
PRIOR TO CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO CALL THE CHICAGO UTILITY ALERT NETWORK (DIGGER/CHICAGO811) AT 312-744-7000 FOR UNDERGROUND UTILITY LOCATIONS.

STATE OF ILLINOIS
CITY OF CHICAGO
BRANDON JOHNSON, MAYOR
PBC BUILDING COMMISION
RAY GIDEROF, EXECUTIVE DIRECTOR
DEPARTMENT OF TRANSPORTATION
THOMAS CARNEY, COMMISSIONER
CONTRACT PLANS
FOR
PROPOSED IMPROVEMENTS
W.18TH STREET
W. 18TH STREET/W. 19TH STREET
S. FAIRFIELD AVENUE/S. WASHTENAW AVENUE
PBC CONTRACT NO.: C1621
PBC PROJECT NO.: 22910
C.D.O.T. PROJECT NO.: U-5-239
ISSUED FOR BID: 03/25/2025
CSR NO.: 2205476855
WARD 25

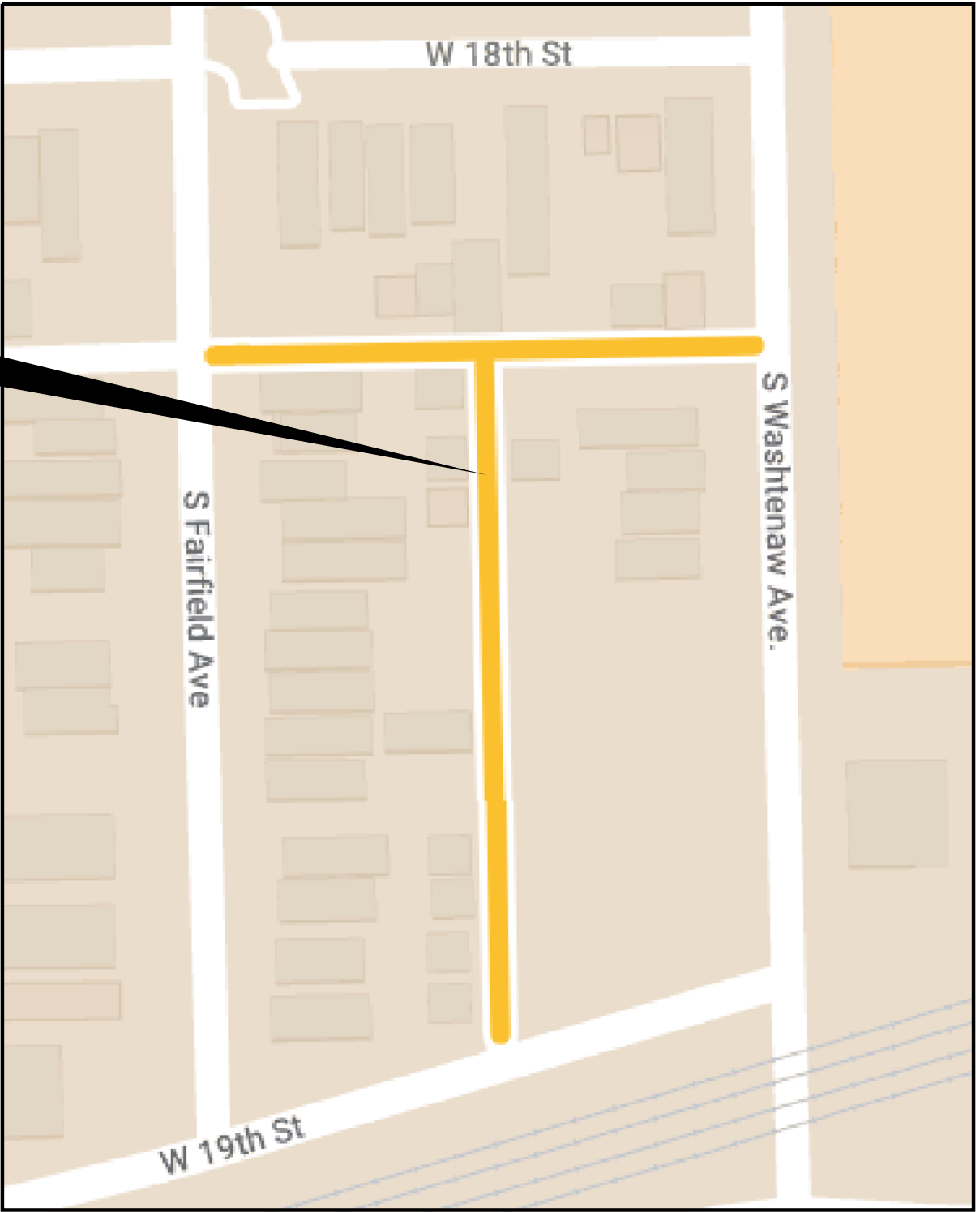
INDEX OF SHEETS

SHEET	DESCRIPTION
1	COVER SHEET
2	ALIGNMENT TIES AND BENCHMARKS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	PROPOSED CONDITION PLAN VIEW
6-7	PLAN AND PROFILE
8	ALLEY APRON DETAILS
9	TYPICAL SECTIONS
10-14	CDOT CONSTRUCTION STANDARD DETAILS
15-17	CDOT CONCRETE TRANSITION SEGMENT DETAILS
18-21	CDWM STANDARD CONSTRUCTION DETAILS
22-24	IDOT STANDARD DETAILS

LENGTH OF IMPROVEMENT = 632.1 L.F. (0.12 MILES)



LOCATION MAP
NOT TO SCALE



INDEX MAP
NOT TO SCALE



MODEL: Default
FILE NAME: 10_2025_ ProjectsGreen-Alley/0_PRC-Alley_Revisions2025/Package -ACADD Drawings22-CP37-W_18th-St-&-S-Fairfield-Ave/CAADD-Sheets/CP37-shc/align-1.dgn

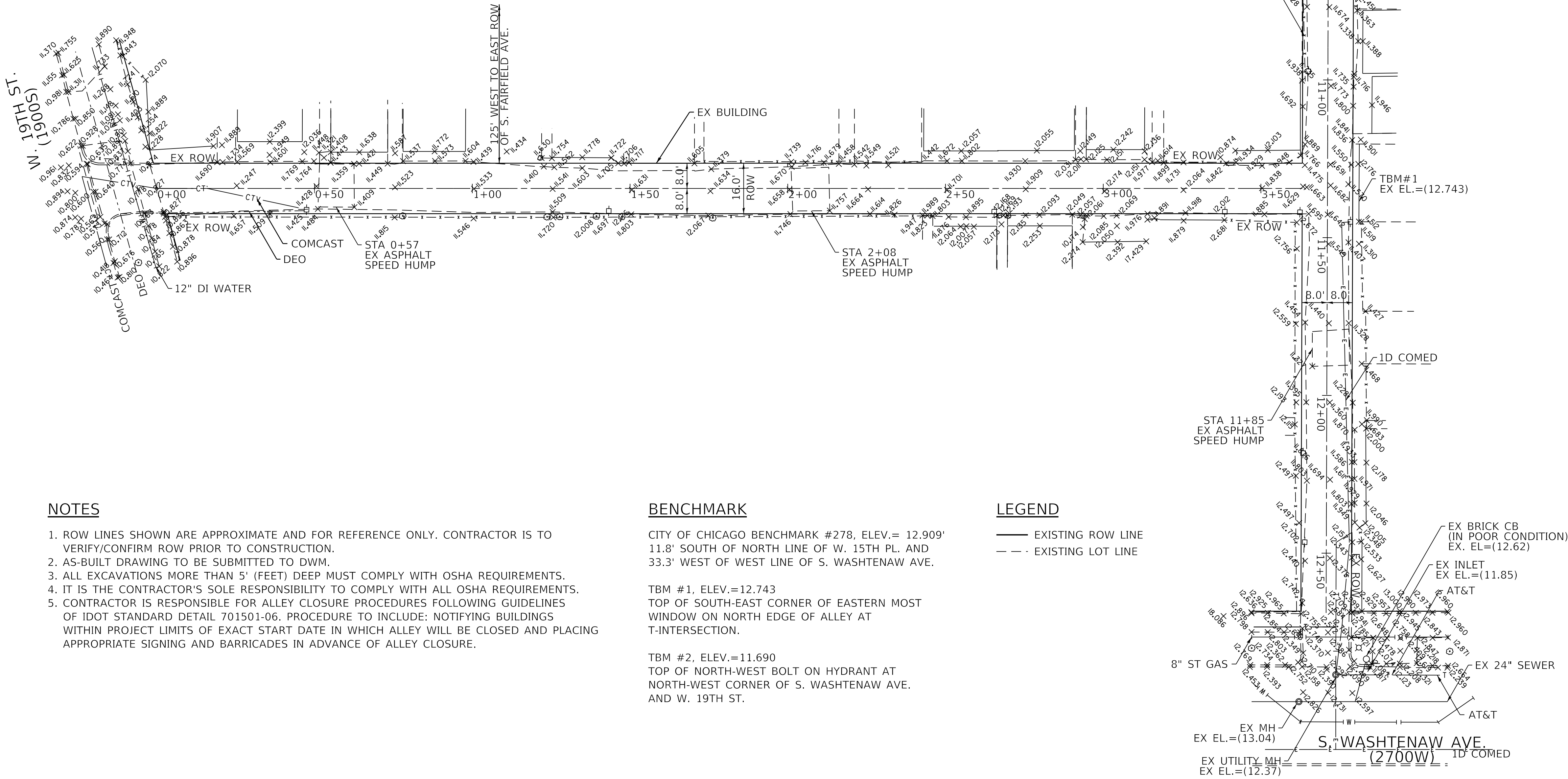


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PLOT DATE	= 3/20/2025	DATE	- 03/20/2025	ISSUED FOR BID	- 03/25/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25th WARD

ALIGNMENT TIES AND BENCHMARKS
PRC PROJECT NO # 22910
W. 18TH STREET - W. 19TH STREET
S. FAIRFIELD AVENUE - S. WASHTENAW AVENUE

OUC NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OUC IR #118257	COOK	24	2
STA. TO	SCALE: AS SHOWN		



NOTES

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

BENCHMARK

CITY OF CHICAGO BENCHMARK #278, ELEV.= 12.909'
11.8' SOUTH OF NORTH LINE OF W. 15TH PL. AND
33.3' WEST OF WEST LINE OF S. WASHTENAW AVE.

TBM #1, ELEV.=12.743
TOP OF SOUTH-EAST CORNER OF EASTERN MOST
WINDOW ON NORTH EDGE OF ALLEY AT
T-INTERSECTION.

TBM #2, ELEV.=11.690
TOP OF NORTH-WEST BOLT ON HYDRANT AT
NORTH-WEST CORNER OF S. WASHTENAW AVE.
AND W. 19TH ST.

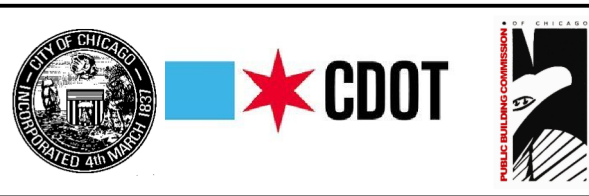
LEGEND

- EXISTING ROW LINE
- - - EXISTING LOT LINE

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. REGARDING "W. CARROLL AVE" (PBC PROJECT NUMBER: 22908 AND CDOT PROJECT NUMBER U-5-239), AN ADJACENT BUSINESS ("SIAM MEATS") LOCATED AT 1847 W. CARROLL AVENUE REQUIRES CONSTRUCTION COORDINATION TO MAINTAIN ALLEY ACCESS AND MITIGATE ALLEY CLOSURES THROUGHTOUT THE CONSTRUCTION DURATION. UPON CONTRACT AWARD AND NTP ISSUANCE AN ONSITE COORDINATION MEETING WILL BE CONDUCTED TO REVIEW AND CONFIRM ANY/ALL LOGISTICAL REQUIREMENTS AND SCHEDULE. CONTRACTOR SHALL PRIORITIZE THE ONSITE CONSTRUCTION WORK AT THE W. CARROLL AVENUE LOCATION PRIOR TO THE OTHER ALLEY LOCATIONS.
4. ON-SITE CONSTRUCTION WORK AT EACH ALLEY LOCATION MUST BE COMPLETED WITHIN 45 CALENDAR DAYS FROM COMMENCEMENT.

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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25th WARD

GENERAL NOTES
PRC PROJECT NO # 22910
W. 18TH STREET - W. 19TH STREET
S. FAIRFIELD AVENUE - S. WASHTENAW AVENUE

OU C NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
OU C IR #118257	COOK	24	3
STA. TO	SCALE: NTS		

SUMMARY OF QUANTITIES

Line	Code Number	Description	Unit	Estimated Quantity
1	*****	EARTH EXCAVATION (SOIL TO LANDFILL)	CU YD	438.0
2	*****	PAVEMENT REMOVAL	SQ YD	50.0
3	*****	DRIVEWAY AND ALLEY RETURN PAVEMENT REMOVAL	SQ YD	163.0
4	44000300	CURB REMOVAL	LIN FT	125.0
5	44000500	COMBINATION CURB AND GUTTER REMOVAL	LIN FT	160.0
6	44000600	SIDEWALK REMOVAL	SQ FT	467.0
7	*****	ALLEY PAVEMENT REMOVAL	SQ YD	1124.0
8	*****	GARAGE APRON REMOVAL	SQ FT	1302.0
9	*****	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	96.0
10	*****	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	0.0
11	31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	275.0
12	20800150	TRENCH BACKFILL	CU YD	189.0
13	*****	PERVIOUS AGGREGATE SUBBASE	CU YD	0.0
14	*****	BEDDING AND VOID OPENING AGGREGATES FOR PERMEABLE PAVERS	CU YD	0.0
15	*****	CRUSHED STONE (TEMPORARY USE)	TON	80.0
16	35300300	PORTLAND CEMENT CONCRETE BASE COURSE, 8 IN	SQ YD	50.0
17	35300500	PORTLAND CEMENT CONCRETE BASE COURSE, 10 IN	SQ YD	0.0
18	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE, 8 IN	SQ YD	0.0
19	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE, 10 IN	SQ YD	0.0
20	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE ALLEY PAVEMENT, 8 IN	SQ YD	1181.0
21	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE DRIVEWAY AND ALLEY RETURN PAVEMENT, 8 IN	SQ YD	47.0
22	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE GARAGE APRON, 8 IN	SQ FT	1302.0
23	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE SIDEWALK, 8 IN	SQ FT	536.0
24	*****	PORTLAND CEMENT CONCRETE SIDEWALK, 5 IN	SQ FT	277.0
25	*****	PORTLAND CEMENT CONCRETE ADA CURB RAMP, 5 IN	SQ FT	190.0
26	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE ADA CURB RAMP, 8 IN	SQ FT	0.0
27	*****	DRILL AND GROUT DOWEL AND TIE BARS	EACH	205.0
28	*****	PORTLAND CEMENT CONCRETE COLLAR FOR PERMEABLE BLOCK PAVERS	SQ FT	0.0
29	*****	PERMEABLE CONCRETE BLOCK PAVERS	SQ FT	0.0
30	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	63.0
31	*****	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5LH, MIX "C", N30 (CDOT)	TON	17.0
32	40604062	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1.0
33	*****	HOT-MIX ASPHALT SURFACE COURSE, PATCH, N30 (6 FT OR LESS)	TON	8.0
34	*****	HOT-MIX ASPHALT SURFACE COURSE, PATCH, N70 (6 FT OR LESS)	TON	0.0
35	60600605	CONCRETE CURB, TYPE B	LIN FT	125.0
36	*****	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE COMBINATION CURB AND GUTTER, TYPE B-V.12	LIN FT	117.0
37	*****	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12	LIN FT	44.0
38	*****	MANHOLE, 3 FT DIAMETER, TYPE A, FRAME AND CLOSED LID (CITY OF CHICAGO)	EACH	0.0
39	*****	CATCH BASIN, TYPE A, 4 FT DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	3.0
40	*****	DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED	EACH	2.0
41	*****	VORTEX RESTRICTOR	EACH	1.0
42	*****	STORM SEWERS, EXTRA STRENGTH VITRIFIED CLAY PIPE, 8 IN	LIN FT	65.0
43	*****	STORM SEWERS, DUCTILE IRON PIPE, 8 IN	LIN FT	0.0
44	*****	STORM SEWERS, EXTRA STRENGTH VITRIFIED CLAY PIPE, 12 IN	LIN FT	20.0
45	*****	STORM SEWERS, DUCTILE IRON PIPE, 18 IN	LIN FT	0.0
46	*****	STORM SEWERS, REINFORCED CONCRETE PIPE, 30 IN.	LIN FT	198.0
47	*****	REMOVING CATCH BASINS	EACH	0.0

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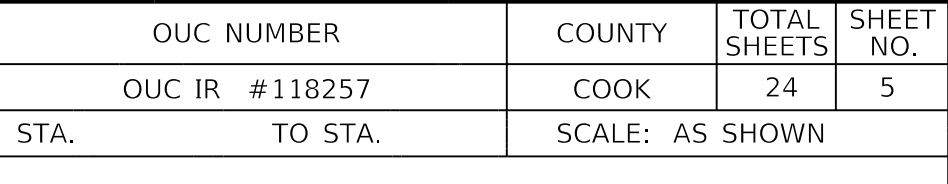


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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25th WARD

SUMMARY OF QUANTITIES
PRC PROJECT NO # 22910
W. 18TH STREET - W. 19TH STREET
S. FAIRFIELD AVENUE - S. WASHTENAW AVENUE

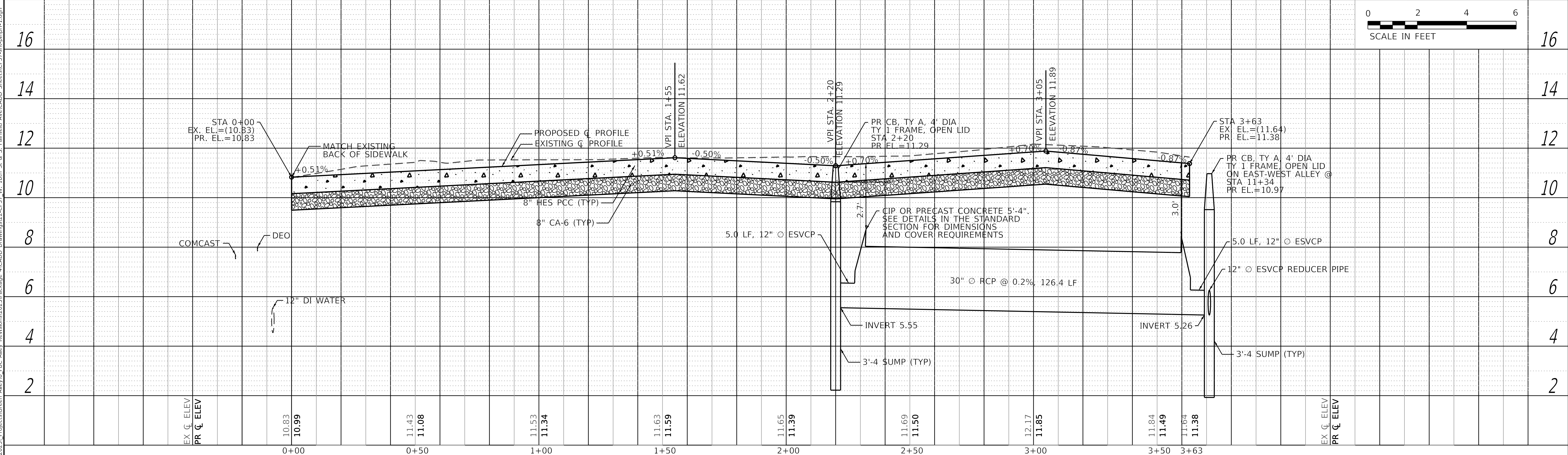
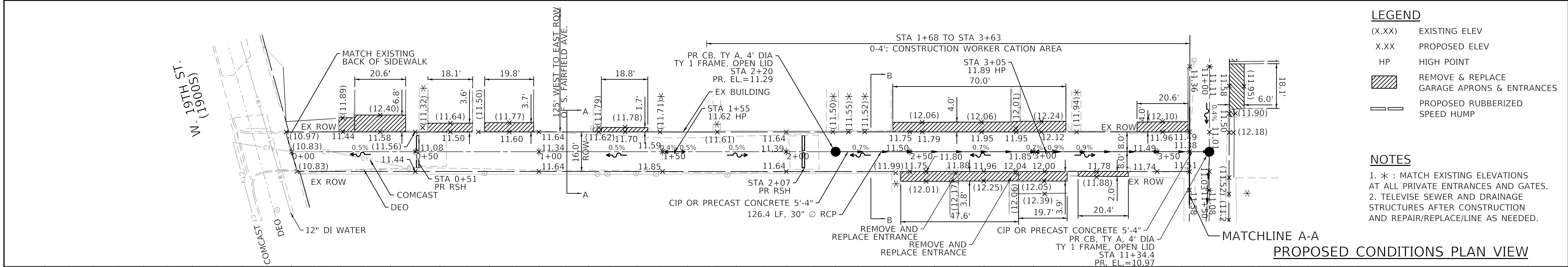
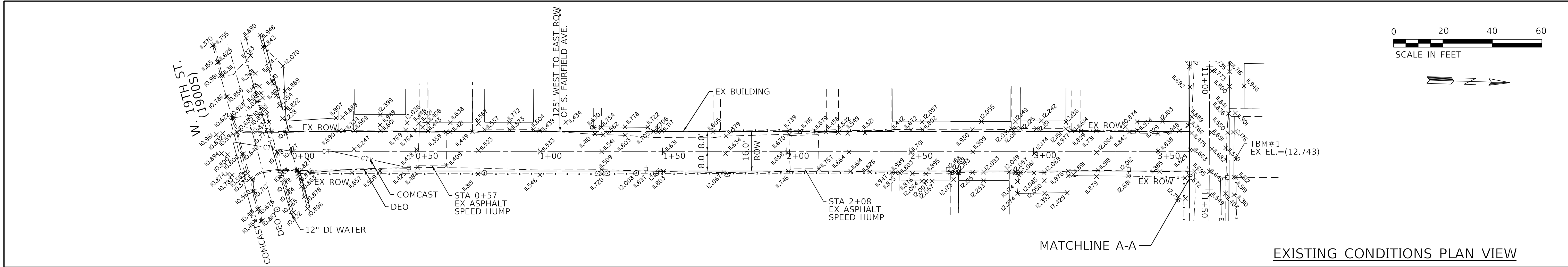
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OUC IR #118257	COOK	24	4
STA. TO	SCALE: NTS		



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	PLOTTED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHKD		
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	PLOTTED		
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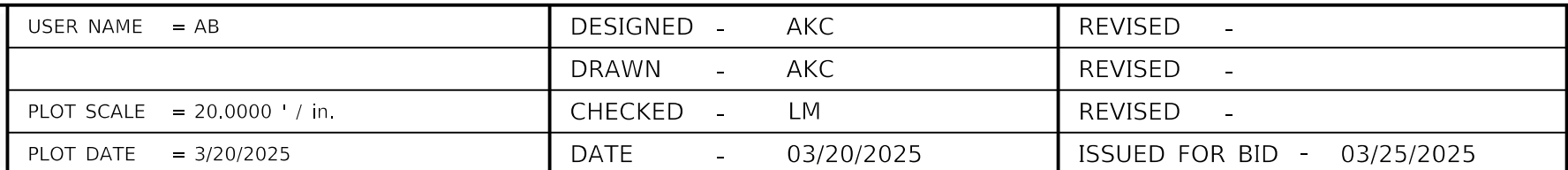
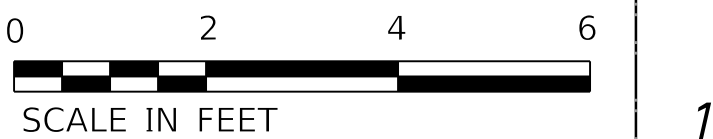
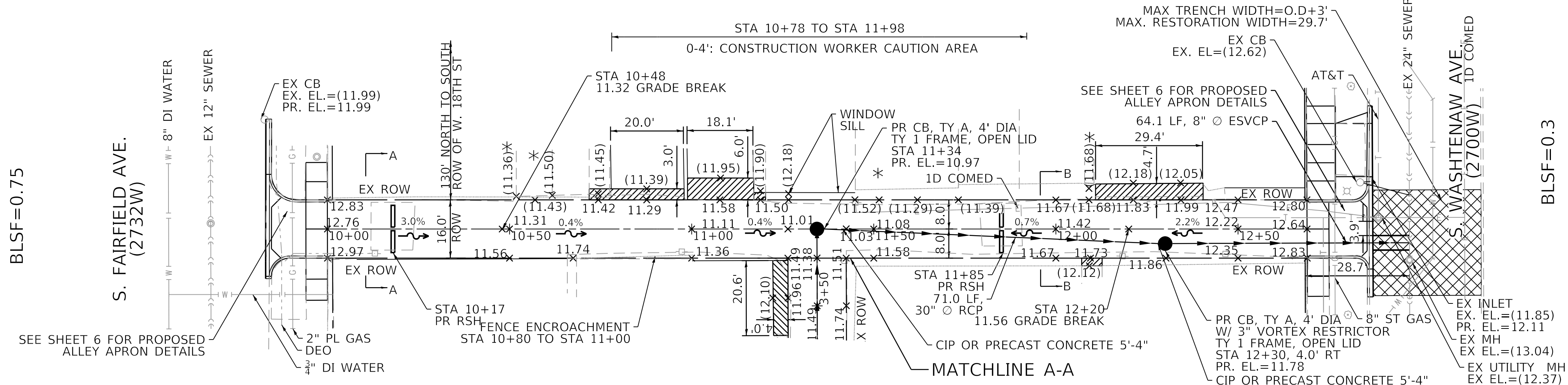
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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25th WARD

PLAN AND PROFILE
PRC PROJECT NO # 22910
W. 18TH STREET - W. 19TH STREET
S. FAIRFIELD AVENUE - S. WASHTENAW AVENUE

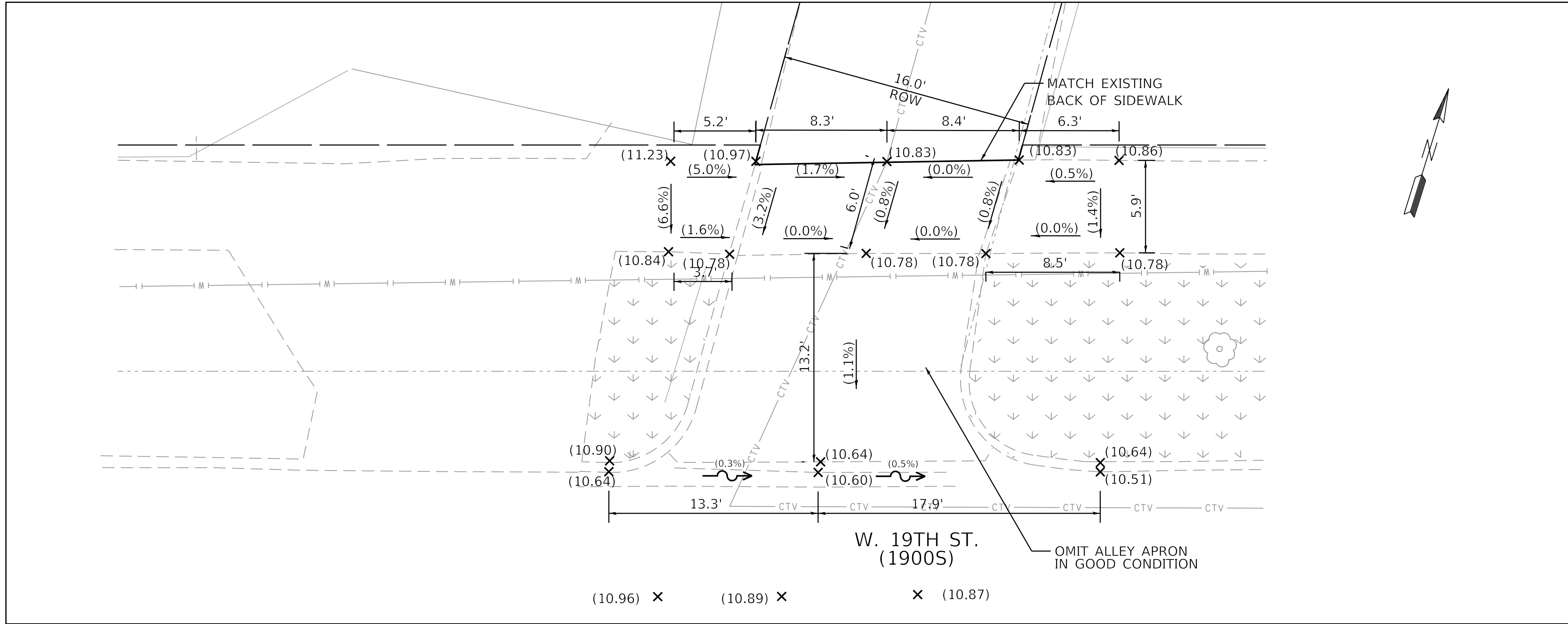
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STA. 0+00 TO STA. 3+63	SCALE: AS SHOWN		

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



PLAN AND PROFILE
PRC PROJECT NO # 22910
 W. 18TH STREET - W. 19TH STREET
 S. FAIRFIELD AVENUE - S. WASHTENAW AVENUE

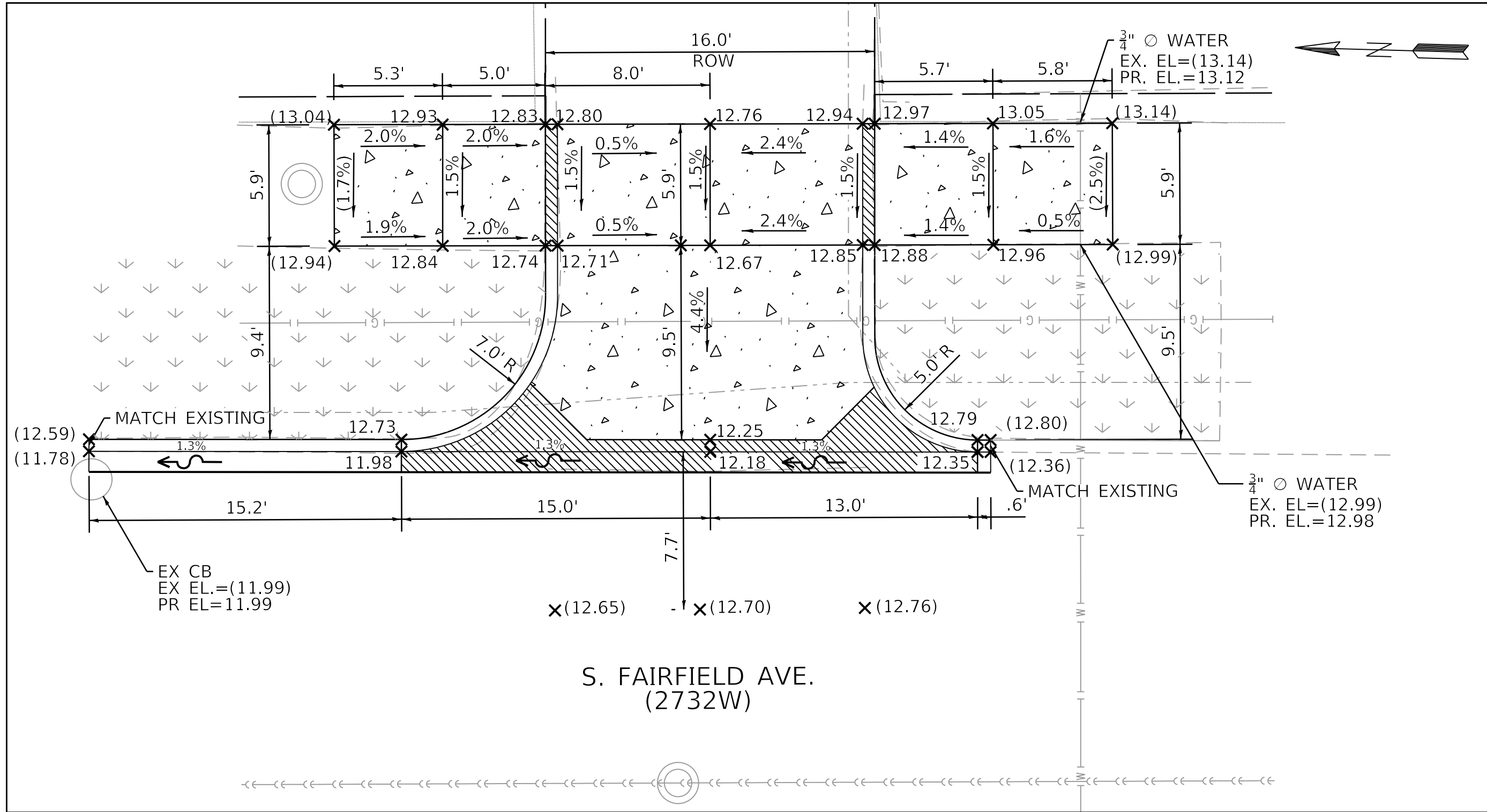
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STA. 10+00 TO STA. 12+69	SCALE: AS SHOWN		



PROPOSED ALLEY APRON DETAILS

1" = 5'

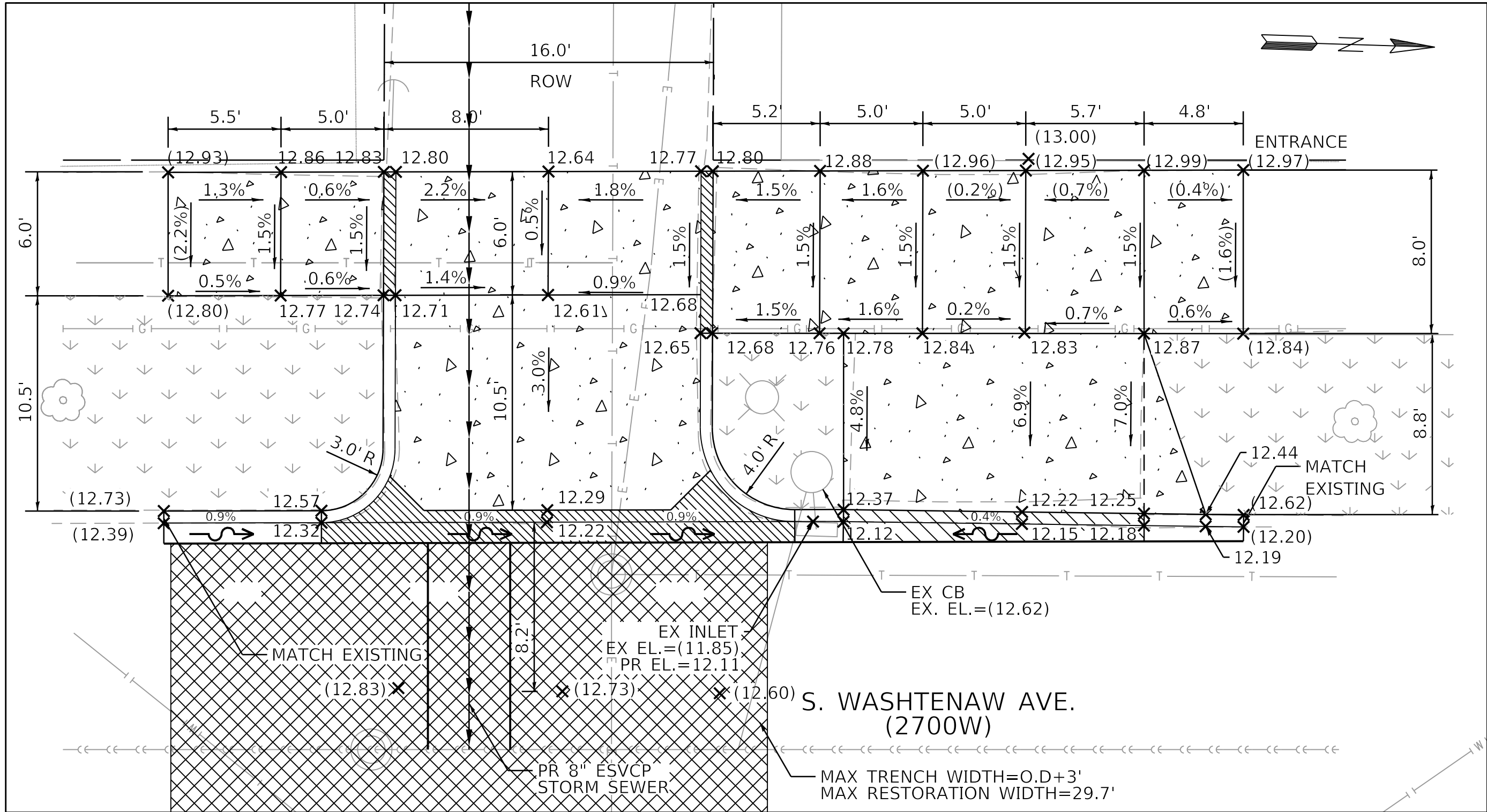
NOTE: ALLEY RETURN WILL BE CONSTRUCTED IN PCC PAVEMENT.



PROPOSED ALLEY APRON DETAILS

1" = 5'

NOTE: ALLEY RETURN WILL BE CONSTRUCTED IN PCC PAVEMENT.



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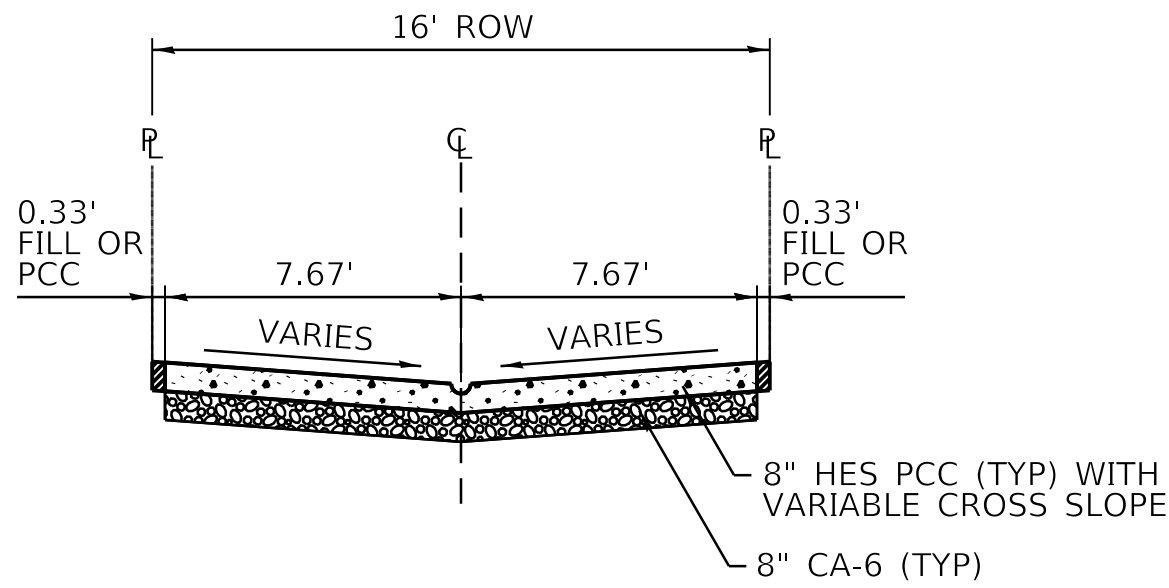


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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25th WARD

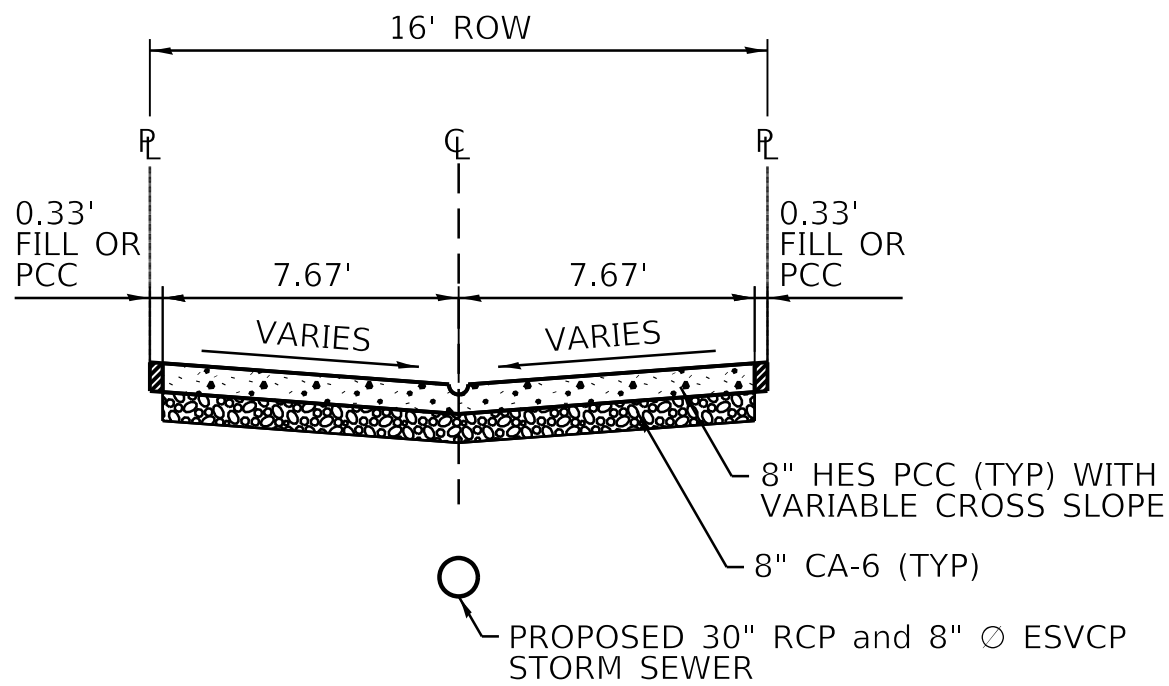
ALLEY APRON DETAILS
PRC PROJECT NO # 22910
W. 18TH STREET - W. 19TH STREET
S. FAIRFIELD AVENUE - S. WASHTENAW AVENUE

ouc number	COUNTY	TOTAL SHEETS	SHEET NO.
ouc ir #118257	COOK	24	8
STA. TO STA.	SCALE: NTS		



PROPOSED TYPICAL CROSS SECTION A-A

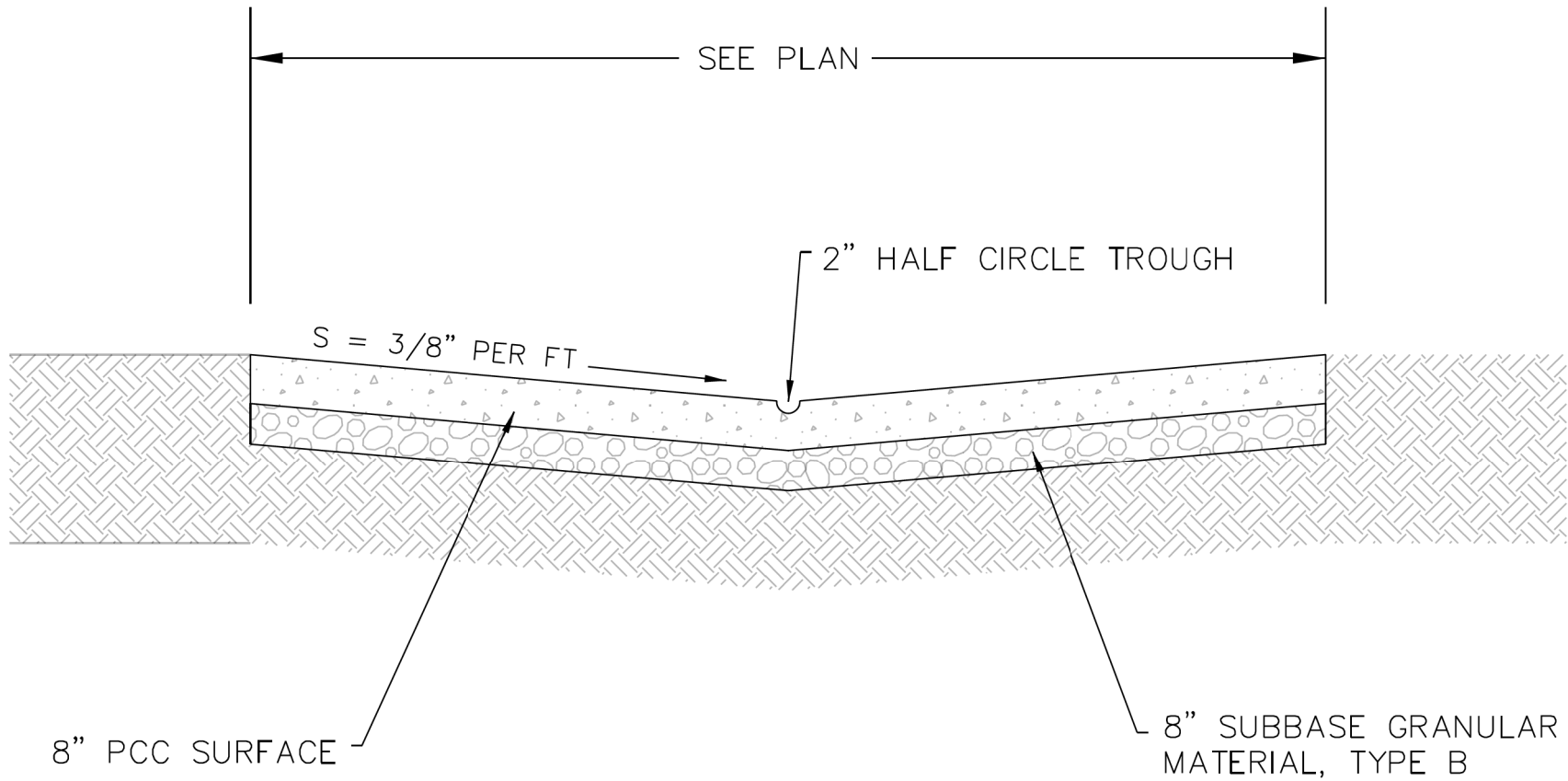
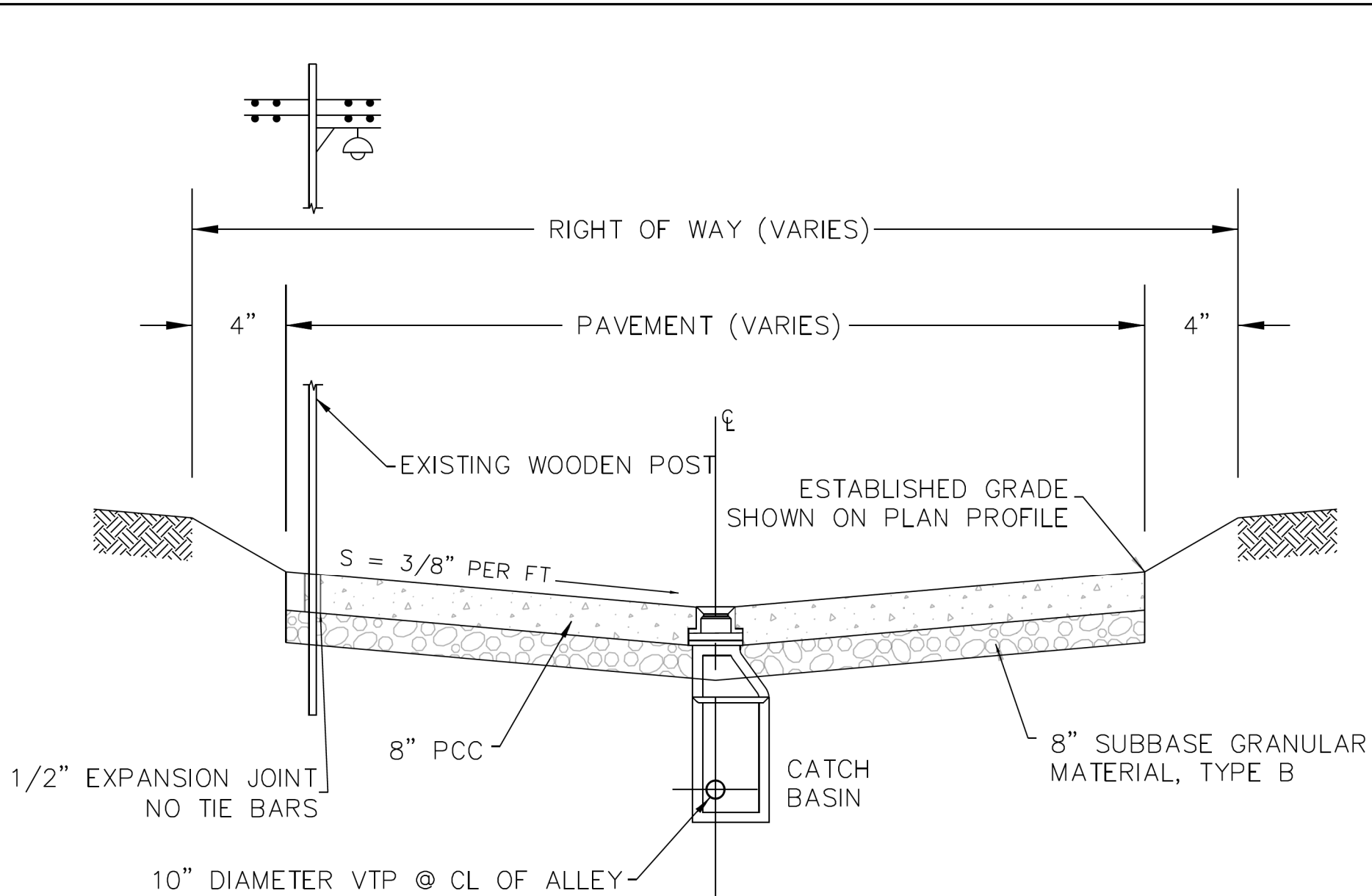
STA. 10+00 TO STA. 11+34
STA 0+00 TO STA 2+20



PROPOSED TYPICAL CROSS SECTION B-B

STA. 11+34 TO STA. 12+69
STA. 2+20 TO STA. 3+63

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



	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
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PROJECT: Green Alley/0. PBC Alley Revisions 2025 Package - 12-12-2025.dgn



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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
25th WARD

TYPICAL SECTIONS
PRC PROJECT NO # 22910
W. 18TH STREET - W. 19TH STREET
S. FAIRFIELD AVENUE - S. WASHTENAW AVENUE

ouc number	COUNTY	TOTAL SHEETS	SHEET NO.
ouc IR #118257	COOK	24	9
STA.	TO STA.	SCALE: NTS	