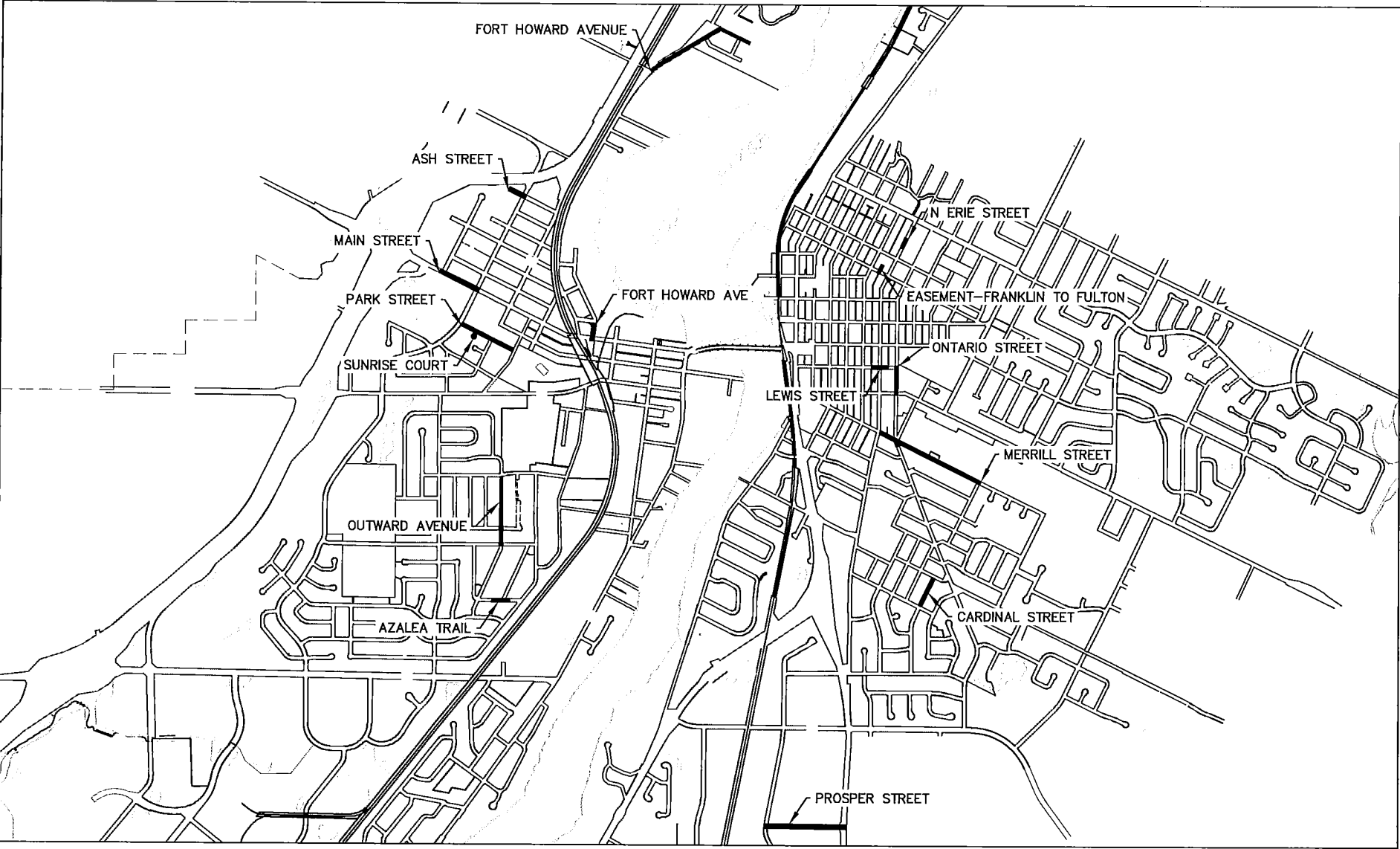


PROJECT# 19-03
CIPP SEWER LINING

CITY OF DE PERE



ENGINEER DIVISION
925 S. SIXTH ST
DE PERE, WI, 54115



SITE LOCATION MAP
N.T.S.

SHEET NO.	DESCRIPTION
G-001	TITLE SHEET
G-002	STANDARD ABBREVIATION & SYMBOLS
C-101 - C-102	FORT HOWARD AVENUE - PLAN AND PROFILE
C-103 - C-104	LEONARD STREET - PLAN AND PROFILE
C-105	ASH STREET - PLAN AND PROFILE
C-106 - C-107	MAIN STREET - PLAN AND PROFILE
C-108	FORT HOWARD AVENUE - PLAN AND PROFILE
C-109 - C-110	PARK STREET - PLAN AND PROFILE
C-111	SUNRISE COURT - PLAN AND PROFILE
C-112 - C-113	OUTWARD AVENUE - PLAN AND PROFILE
C-114	AZALEA TRAIL - PLAN AND PROFILE
C-115	CARDINAL STREET - PLAN AND PROFILE
C-116 - C-119	MERRILL STREET - PLAN AND PROFILE
C-120	ONTARIO STREET - PLAN AND PROFILE
C-121	LEWIS STREET - PLAN AND PROFILE
C-122	N. ERIE STREET - PLAN AND PROFILE
C-123 - C-125	PROSPER STREET - PLAN AND PROFILE
C-126	EASEMENT FRANKLIN STREET - PLAN AND PROFILE

CITY OF DE PERE
BOARD OF PUBLIC WORKS

1/14/19
DATE

E. P. Rakers
CITY ENGINEER

1/14/19
DATE

James M. Doherty
CITY ADMINISTRATOR

1/14/19
DATE

Michael J. Walsh
MAYOR

STAMPS:



AGGR	AVERAGE DAILY TRAFFIC	N	NORTH
AH	AGGREGATE	NB	NORTHBOUND
ASPH	AHEAD	NC	NORMAL CROWN
B/B	ASPHALT	NE	NORTHEAST
BARR	BACK TO BACK	NO	NUMBER
BC	BARRICADE	NTS	NOT TO SCALE
BK	BACK OF CURB	NW	NORTHWEST
BL	BACK	O	OIL
BLDG	BASELINE	O&C	OIL AND CHIP
BM	BUILDING	OBLIT	OBLITERATE
BOW	BENCHMARK	OD	OUTSIDE DIAMETER
BSMT	BACK OF SIDEWALK	PC	POINT OF CURVATURE
C	BASEMENT	PCC	POINT OF COMPOUND CURVE
C&G	CUT	PCC	PORTLAND CEMENT CONCRETE
C/C	CURB AND GUTTER	PED	PEDESTAL
CABC	CENTER TO CENTER	PLE	PERMANENT LIMITED EASEMENT
CB	CRUSHED AGGREGATE BASE COURSE	PVMT	PAVEMENT
CE	CATCH BASIN	PE	PRIVATE ENTRANCE
CI	CONSTRUCTION ENTRANCE	PI	POINT OF INTERSECTION
CL	CAST IRON PIPE	PJF	PRE-FORMED JOINT FILLER
CMP	CENTERLINE	PL	PROPERTY LINE
CNTY	CORRUGATED METAL PIPE	POC	POINT OF CURVE
CO	COUNTY	POT	POINT ON TANGENT
CONC	CLEANOUT	PP	POLYETHYLENE
CONSTR	CONCRETE	PRC	POINT OF REVERSE CURVATURE
CONSTR JT	CONSTRUCTION	PROJ	PROJECT
CP	CONSTRUCTION JOINT	PROP	PROPOSED
CTH	CONTROL POINT	PSI	POUND PER SQUARE INCH
CTRL JT	COUNTY TRUNK HIGHWAY	PT	POINT OF TANGENCY
CTV	CONTROL JOINT	PVC	POLYVINYL CHLORIDE
CY	CABLE TV	R	RANGE OR RADIUS
D	CUBIC YARD	RCP	REINFORCED CONCRETE PIPE
DIA	DEPTH	REBAR	REINFORCEMENT BAR
DI	DIAMETER	REL	RELOCATE
DISCH	DUCTILE IRON PIPE	REM	REMAINING
DW	DISCHARGE	REQD	REQUIRED
E	DRIVEWAY	RL	REFERENCE LINE
EA	EAST (SEE ELEC BELOW)	ROW	RIGHT OF WAY
EB	EACH	RP	REFERENCE POINT
EBS	EASTBOUND	RR	RAILROAD
ECS	EXCAVATION BELOW SUBGRADE	RT	RIGHT
EL	EXTERNAL CHIMNEY SEAL	RW	RETAINING WALL
ELEC	ELEVATION	S	SOUTH
EMB	ELECTRIC (E WHEN USED IN LINE STYLE)	SALV	SALVAGE
ENTR	EMBANKMENT	SAN	SANITARY
EP	ENTRANCE	SB	SOUTHBOUND
EW	EDGE OF PAVEMENT	SDWK	SIDEWALK
EXC	ENDWALL	SE	SOUTHEAST
EXIST	EXCAVATION	SF	SQUARE FEET
F	EXISTING	SHLDR	SHOULDER
F/F	FILL	SY	SQUARE YARD
FDN	FACE TO FACE	SS	STORM SEWER
FE	FOUNDATION	SSD	STOPPING SIGHT DISTANCE
FERT	FIELD ENTRANCE	STA	STATION
FIN GR	FERTILIZER	STD	STANDARD
FL	FINISHED GRADE	STH	STATE HIGHWAY TRUNK
FO	FLOWLINE	STM	STORM
FOW	FIBER OPTIC	STP	SEWAGE TREATMENT PLANT
FT	FRONT OF SIDEWALK	STRUCT	STRUCTURE OR STRUCTURAL
FTG	FOOT	SW	SOUTHWEST
G	FOOTING	TAN	TANGENT
GV	GAS	T	TOWN (T WHEN USED FOR TELEPHONE LINE)
GW	GAS VALVE	TEL	TELEPHONE
HDPE	GUY WIRE	TEMP	TEMPORARY
HR	HIGH DENSITY POLYETHYLENE	TLE	TEMPORARY LIMITED EASEMENT
HSE	HANDICAP RAMP	TOC	TOP OF CURB
HT	HOUSE	TOW	TOP OF WATER
HYD	HEIGHT	TRANS	TRANSITION
I	HYDRANT	TYP	TYPICAL
ICS	INTERSECTION ANGLE	UG	UNDERGROUND
ID	INTERNAL CHIMNEY SEAL	USH	US HIGHWAY
IN	INSIDE DIAMETER	VC	VERTICAL CURVE
INL	INCH	VERT	VERTICAL
INTERS	INLET	VOL	VOLUME
INV	INTERSECTION	VPC	VERTICAL POINT OF CURVATURE
IP	INVERT	VPI	VERTICAL POINT OF INTERSECTION
JCT	IRON PIPE OR PIN	VPRC	VERTICAL POINT OF REVERSE CURVE
L	JUNCTION	VPT	VERTICAL POINT OF TANGENCY
LC	LENGTH (OF CURVE)	W	WEST
LP	LONG CHORD OF CURVE	WB	WESTBOUND
LS	LIGHTPOLE	WM	WATERMAIN
LT	LIFT STATION OR LUMP SUM	WSO	WATER SHUTOFF VALVE
MAINT	LEFT	WTP	WATER TREATMENT PLANT
MATL	MAINTENANCE	WV	WATER VALVE
MB	MATERIAL	WWTP	WASTE WATER TREATMENT PLANT
MH	MAILBOX	YD	YARD
MP	MANHOLE		
	MARKER POST		

DESCRIPTION	EXISTING	PROPOSED
BENCHMARK		
BUSH		
CATCH BASIN		
CABLE TV BOX		
CONTROL POINT		
ELECTRICAL BOX		
EROSION CONTROL – INLET		
FIELD INLET		
GAS VALVE		
HEDGE		
HYDRANT		
IRON PIPE		
LIGHTPOLE		
MAILBOX		
MANHOLE ELECTRIC		
MANHOLE SANITARY		
MANHOLE STORM		
MONITORING WELL		
POWER POLE		
SIGN BASE		
SIGN		
SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE		
SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE		
STUMP		
TELEPHONE MANHOLE		
TELEPHONE PEDESTAL		
TREE		
WELL		
WATER SERVICE VALVE		
BUTTERFLY WATER VALVE		
WATER VALVE		

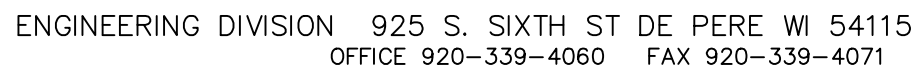
1. ALL ELEVATIONS ARE REFERENCED TO NAVD 88.
2. THE WORK UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE CITY OF DE PERE, CURRENT CONSTRUCTION SPECIFICATIONS AND THESE SPECIAL PROVISIONS AND PLANS, AND THE LATEST ADDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION SPECIFICATIONS, LATEST EDITION, WHERE REFERENCED IN THE CITY SPECIFICATIONS.
3. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION AND SHALL CONFIRM TO THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSTRUCTION SITE EROSION CONTROL AND TECHNICAL STANDARDS.
4. EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES. WHETHER SHOWN OR NOT, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 72 HOURS PRIOR TO EXCAVATION.

DESCRIPTION	PLAN	SYMBOL
		(SIZE AND MATERIAL)
EXISTING SANITARY SEWER LINE		San
PROPOSED SANITARY SEWER LINE		100'–8" PVC SAN San
		(SIZE AND MATERIAL)
EXISTING STORM SEWER LINE		ST
PROPOSED STORM SEWER LINE		100'–8" PVC STM ST
		(SIZE AND MATERIAL)
EXISTING WATER MAIN LINE		W
PROPOSED WATER MAIN LINE		100'–8" PVC WM (TEE–BEND) W
EXISTING ELECTRICAL LINE		E
EXISTING GAS MAIN LINE		G
EXISTING TELEPHONE LINE		T
EXISTING CABLE TV LINE		TV
EXISTING SANITARY LATERAL		San
EXISTING WATER SERVICE		W
RIGHT OF WAY		ROW
PROPERTY LINE		PL
SILT FENCE EROSION CONTROL		
EXISTING FIBER OPTIC		FO
EXISTING MAJOR CONTOUR		615
EXISTING MINOR CONTOUR		612
PROPOSED MAJOR CONTOUR		615
PROPOSED MINOR CONTOUR		612

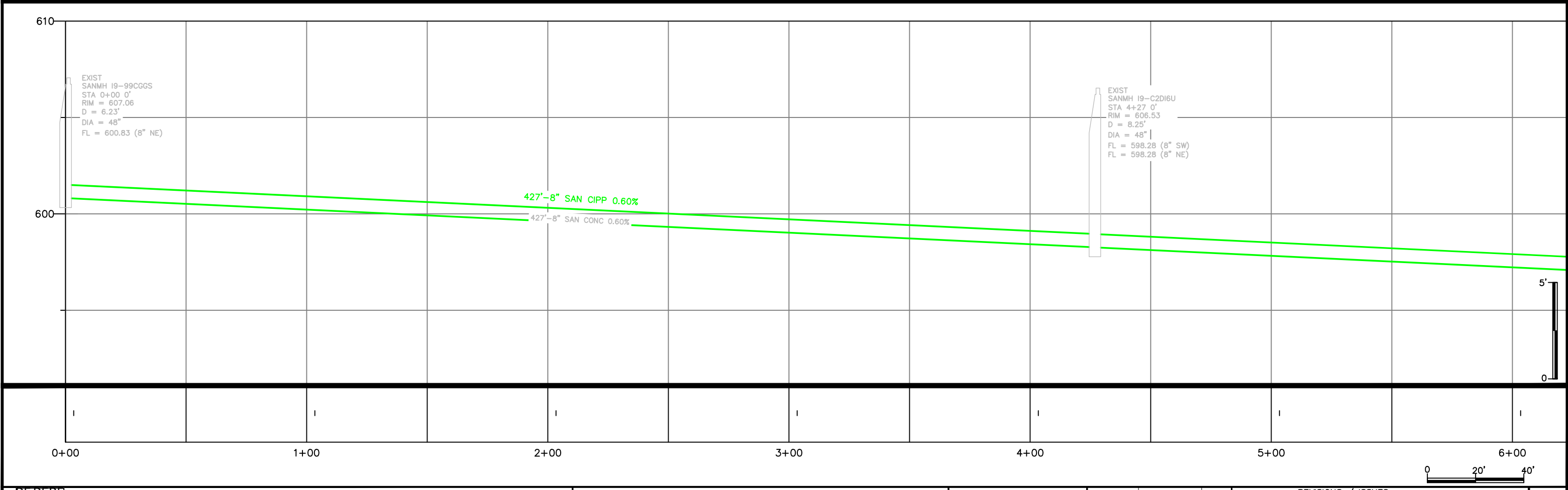
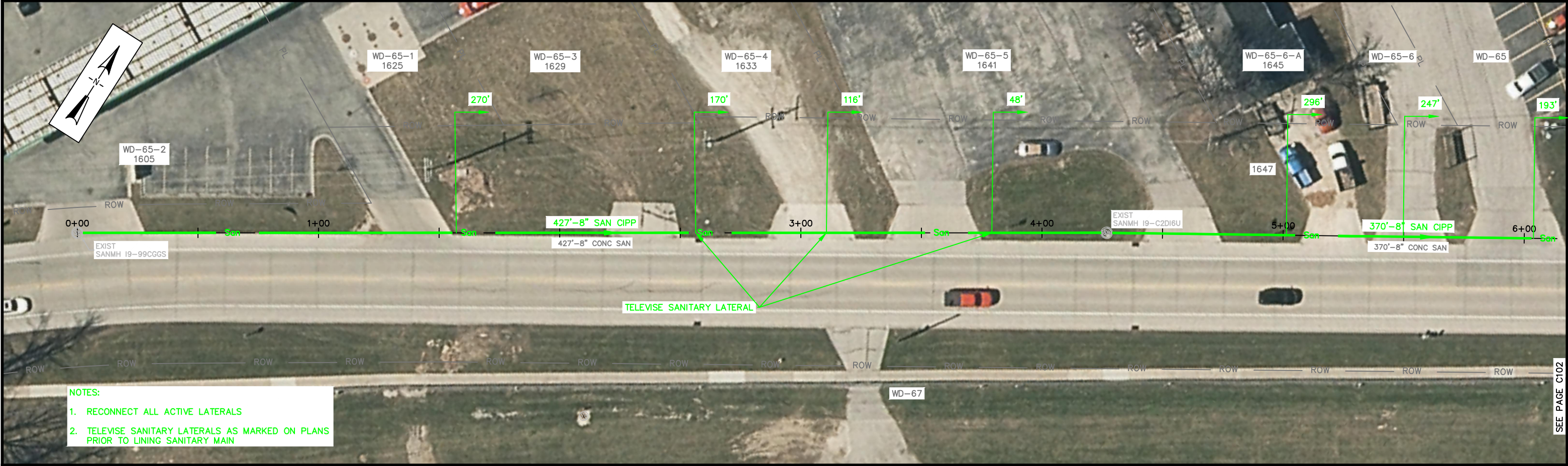
EXISTING SANITARY SEWER LINE	(SIZE AND MATERIAL)
	100'-8" PVC SAN @ 0.40%
PROPOSED SANITARY SEWER LINE	
	(SIZE AND MATERIAL)
EXISTING STORM SEWER LINE	
	100'-8" PVC STM @ 1.0%
PROPOSED STORM SEWER LINE	
	(SIZE AND MATERIAL)
EXISTING WATER MAIN LINE	
	PROPOSE 8" PVC WM
PROPOSED WATER MAIN LINE	

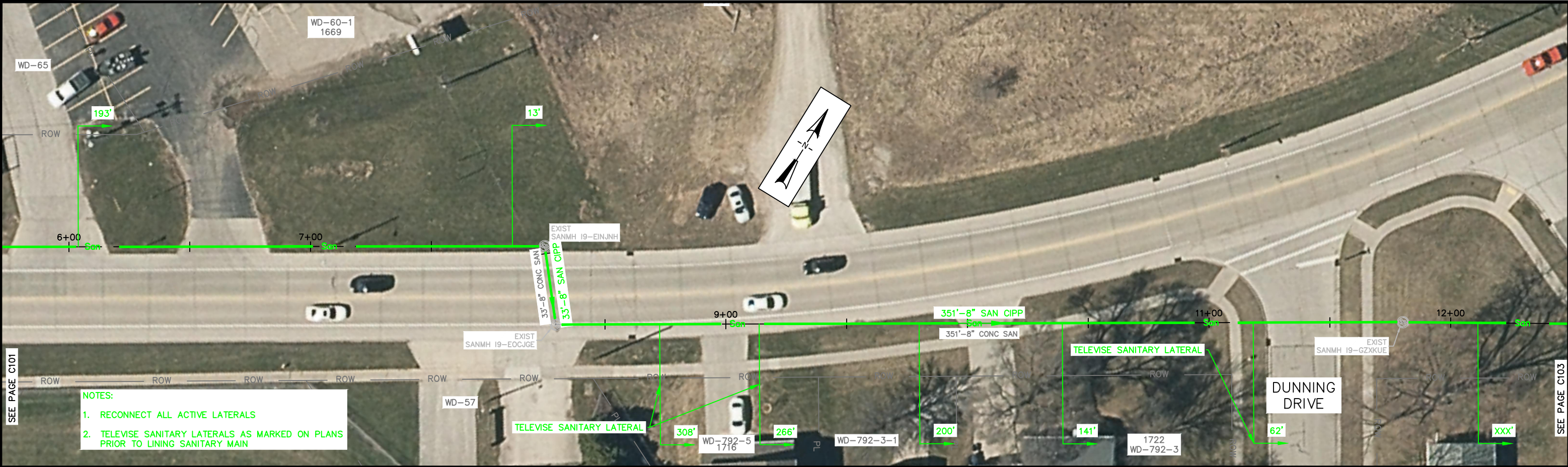
ASPHALTIC CONCRETE PAVEMENT CRUSHED AGGREGATE BASE COURSE

PORTLAND CEMENT CONCRETE

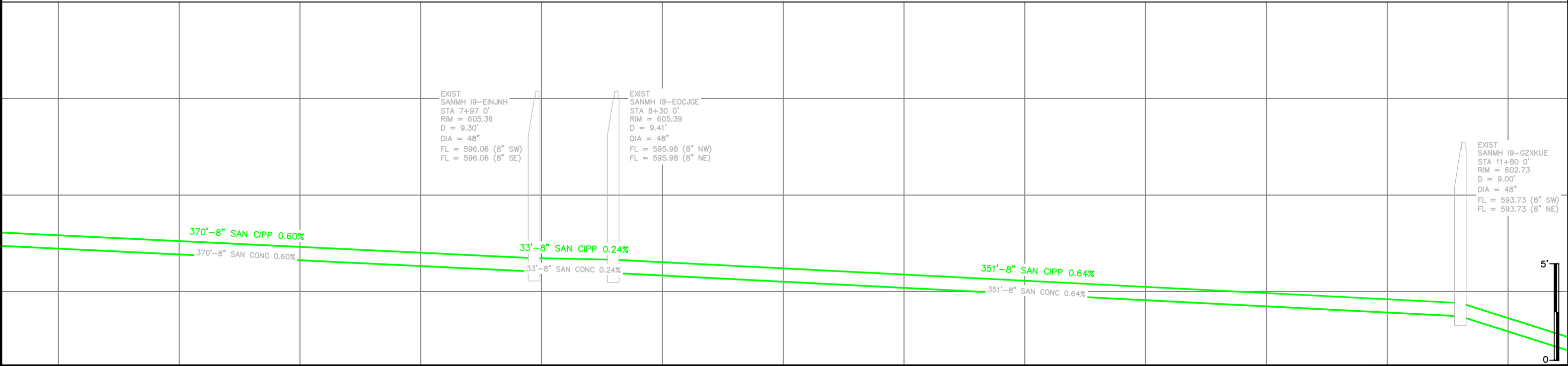


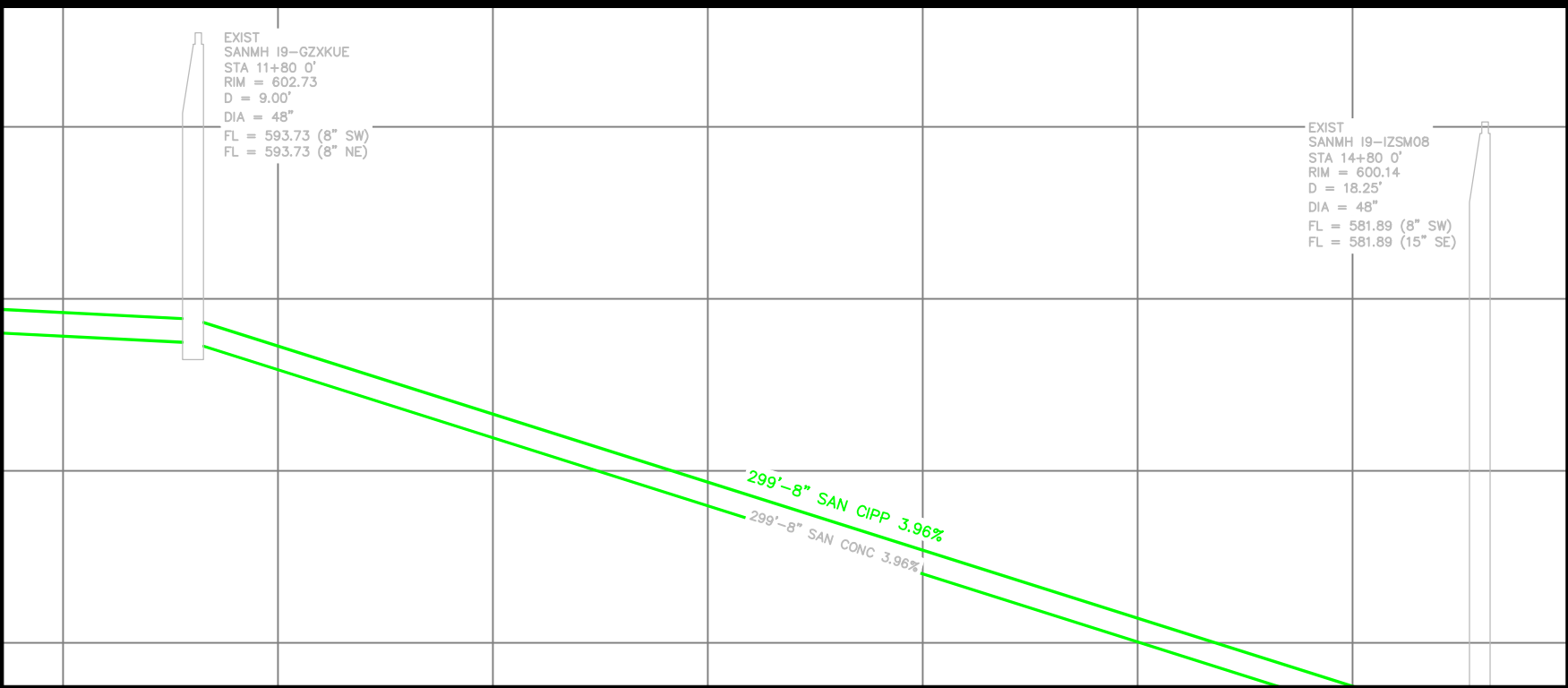
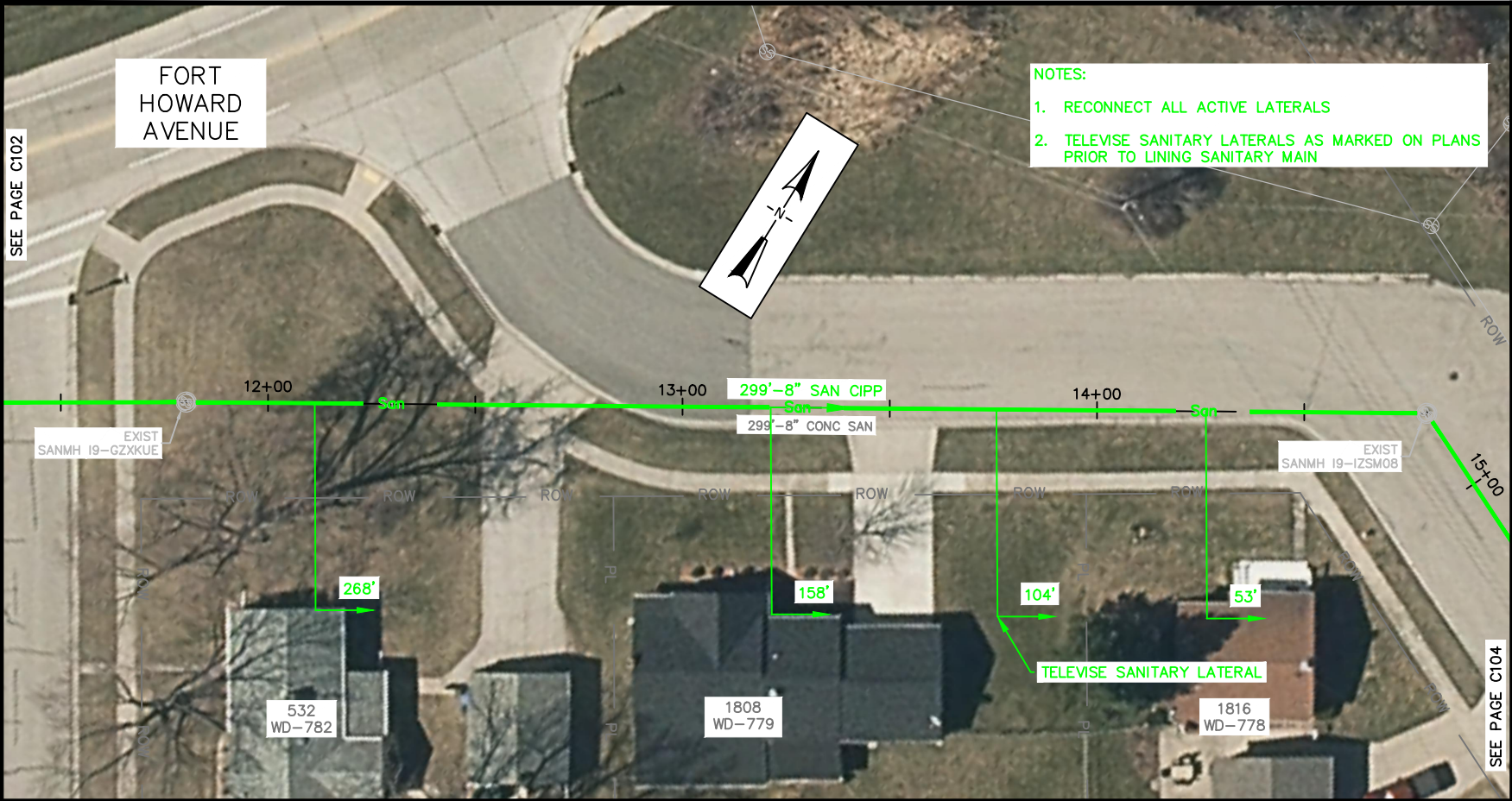
NAME: CIPP SEWER LINING		BY	DATE	REVISIONS / ISSUES				PAGE NO. G-002
	SURVEYED			NO.	DATE	BY	REMARKS	
PROJECT # 19-03	DRAWN	MAL	01-2019					
	DESIGNED							
	CHECKED							

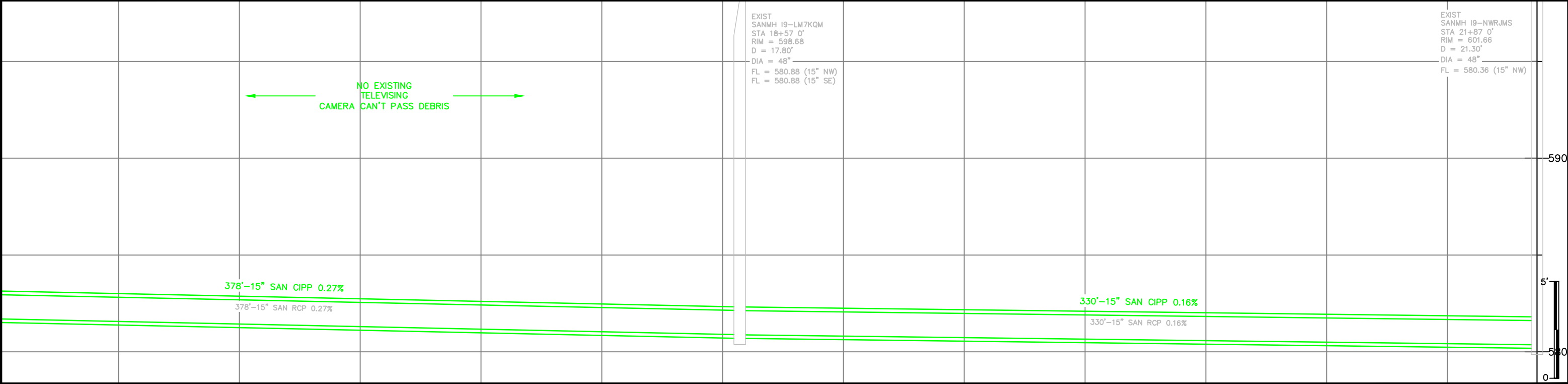
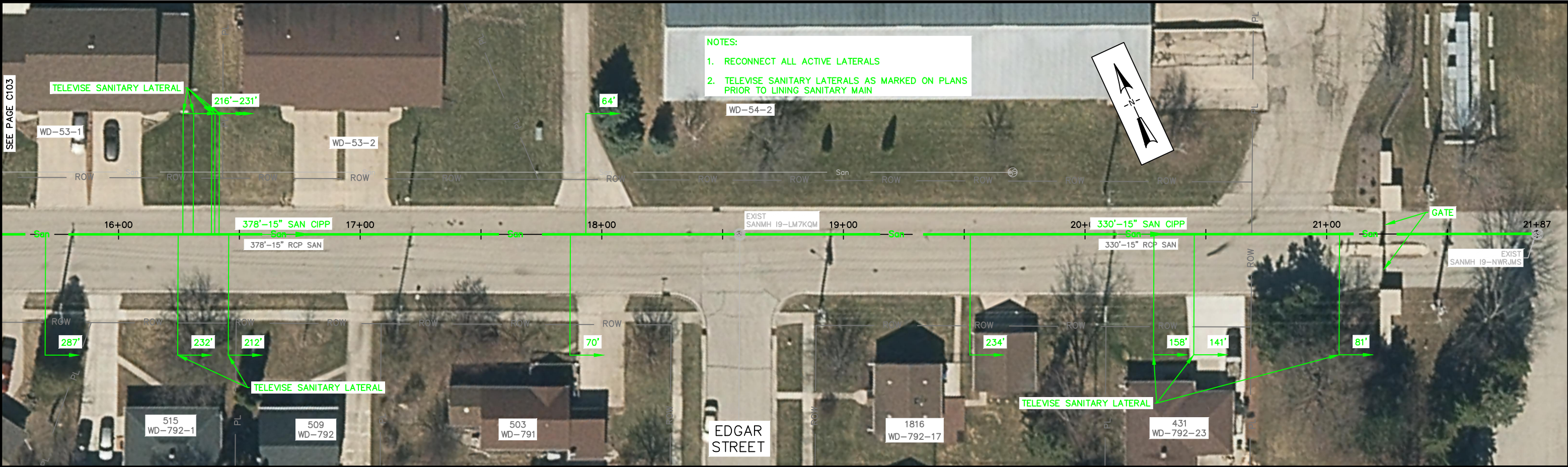


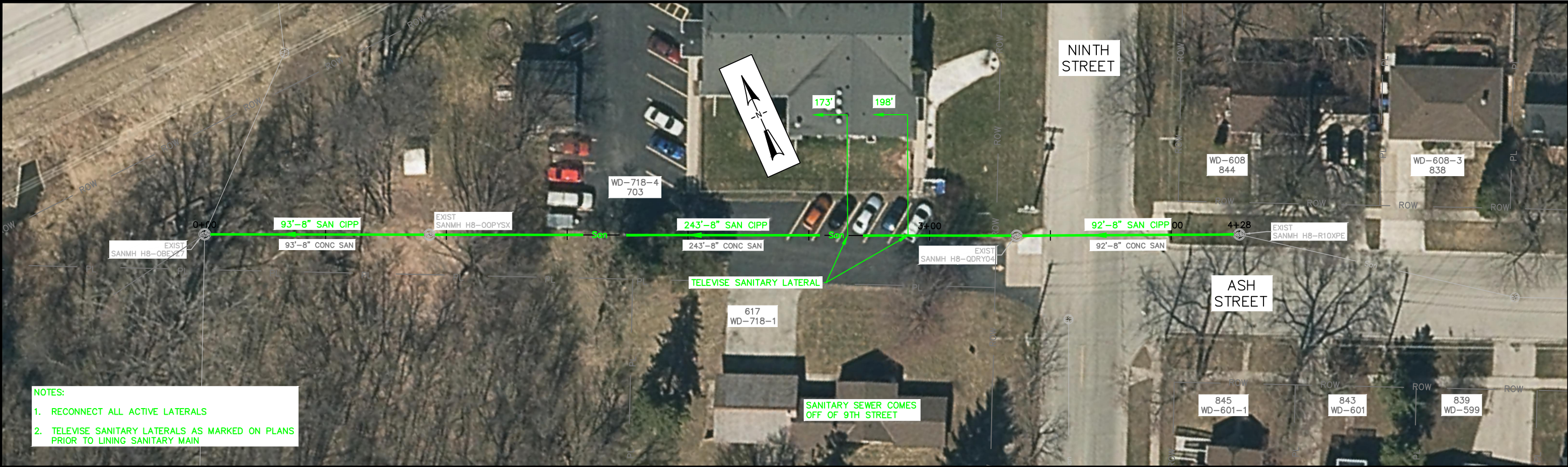


- NOTES:
1. RECONNECT ALL ACTIVE LATERALS
 2. TELEVISION SANITARY LATERALS AS MARKED ON PLANS PRIOR TO LINING SANITARY MAIN

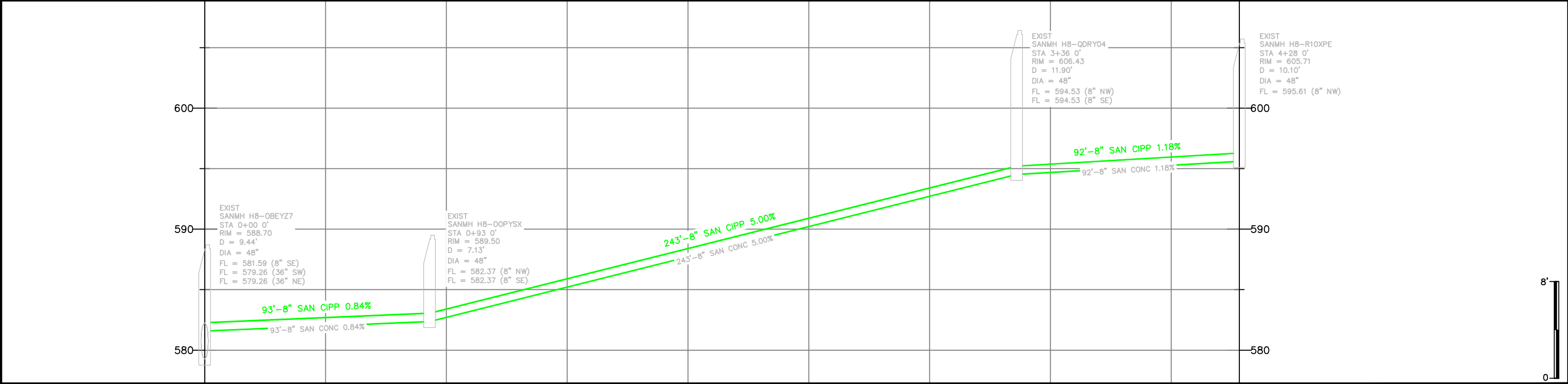


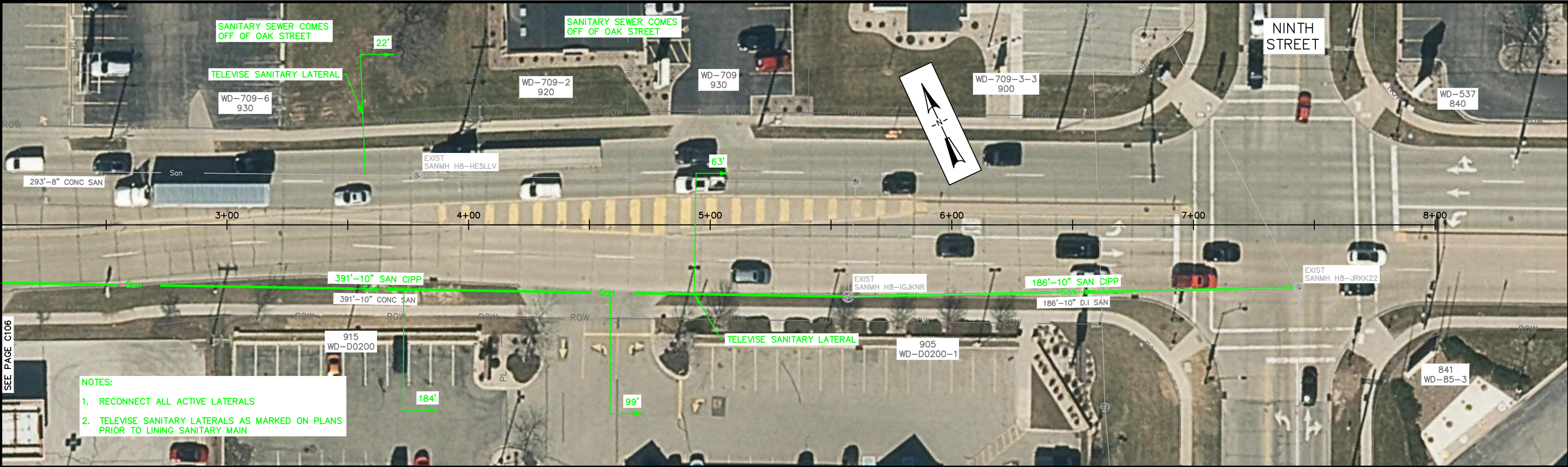




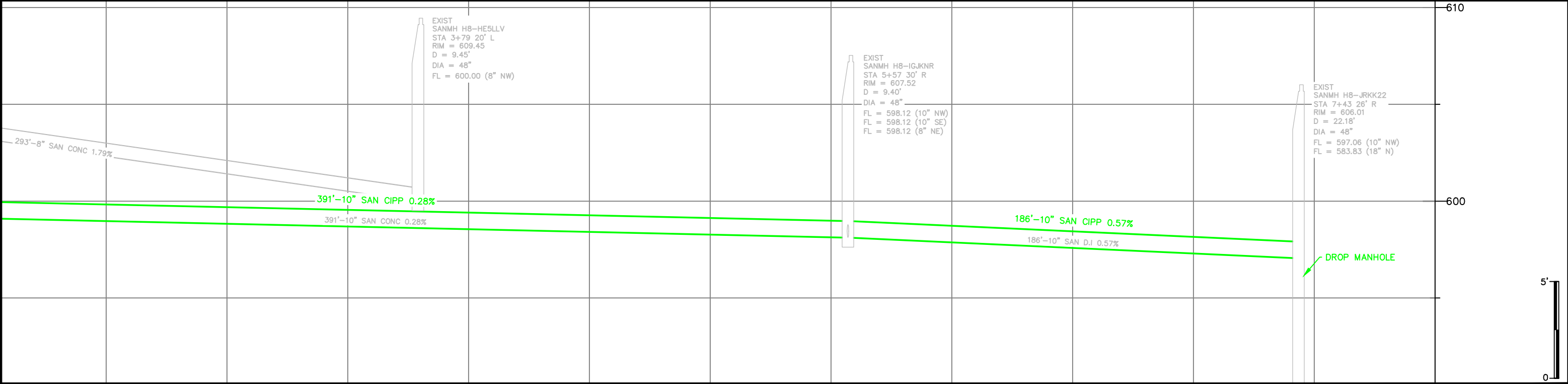


- NOTES:
- 1. RECONNECT ALL ACTIVE LATERALS
 - 2. TELEWISE SANITARY LATERALS AS MARKED ON PLANS PRIOR TO LINING SANITARY MAIN



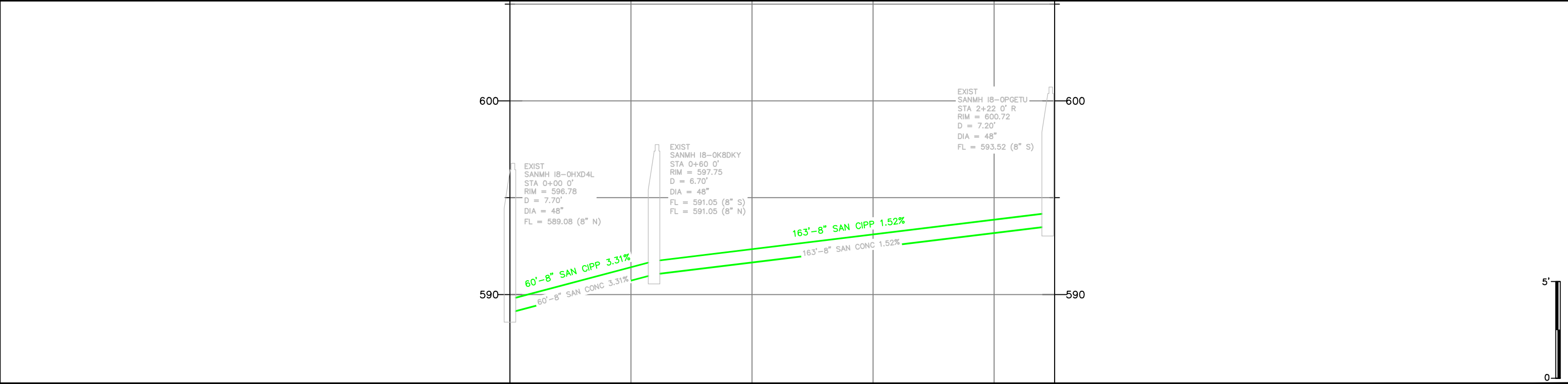
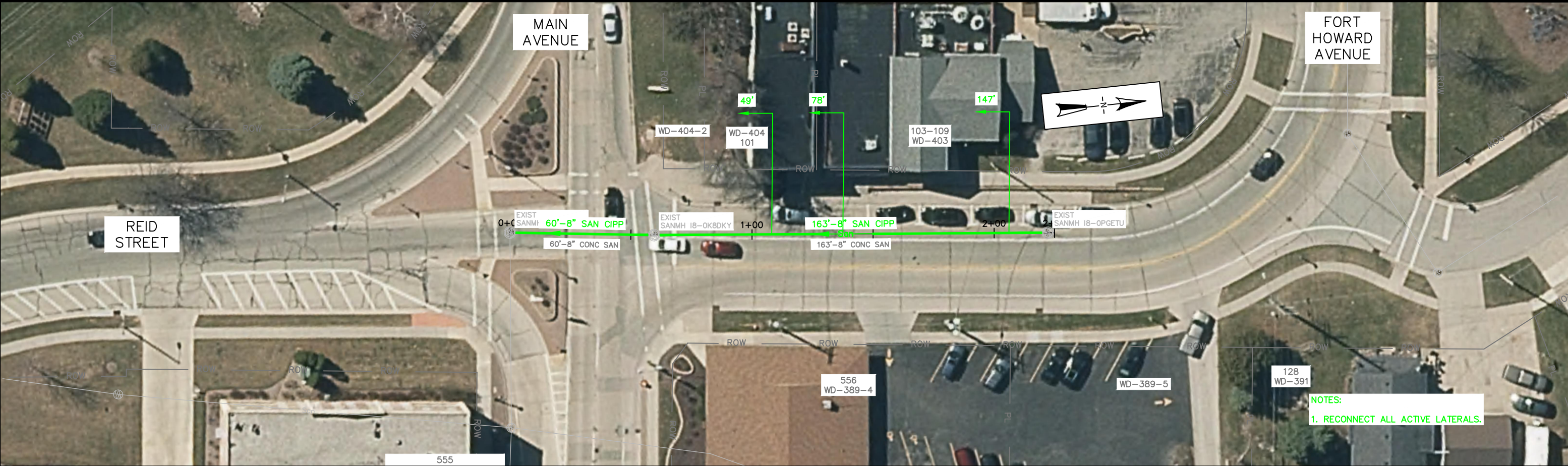


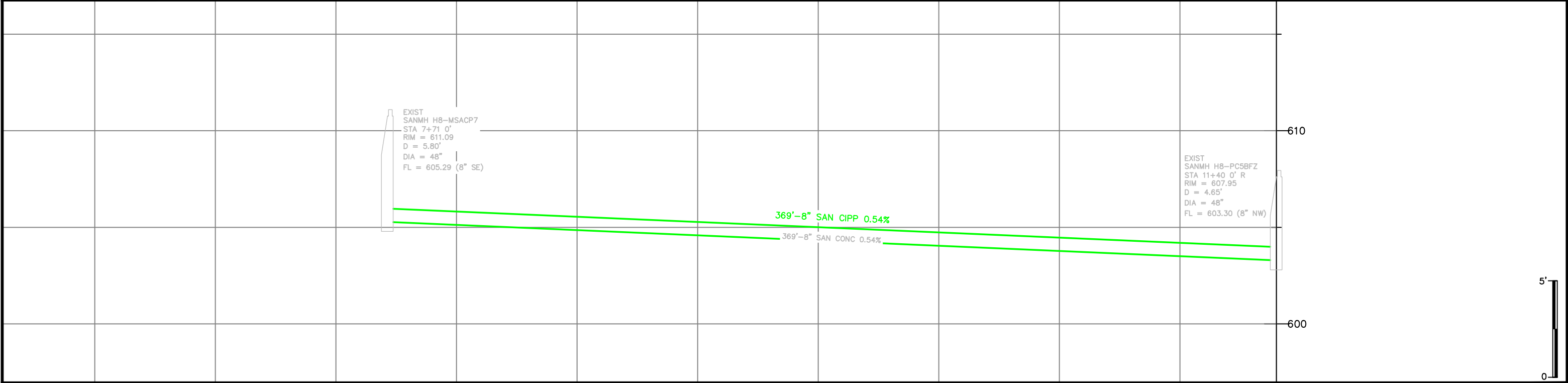
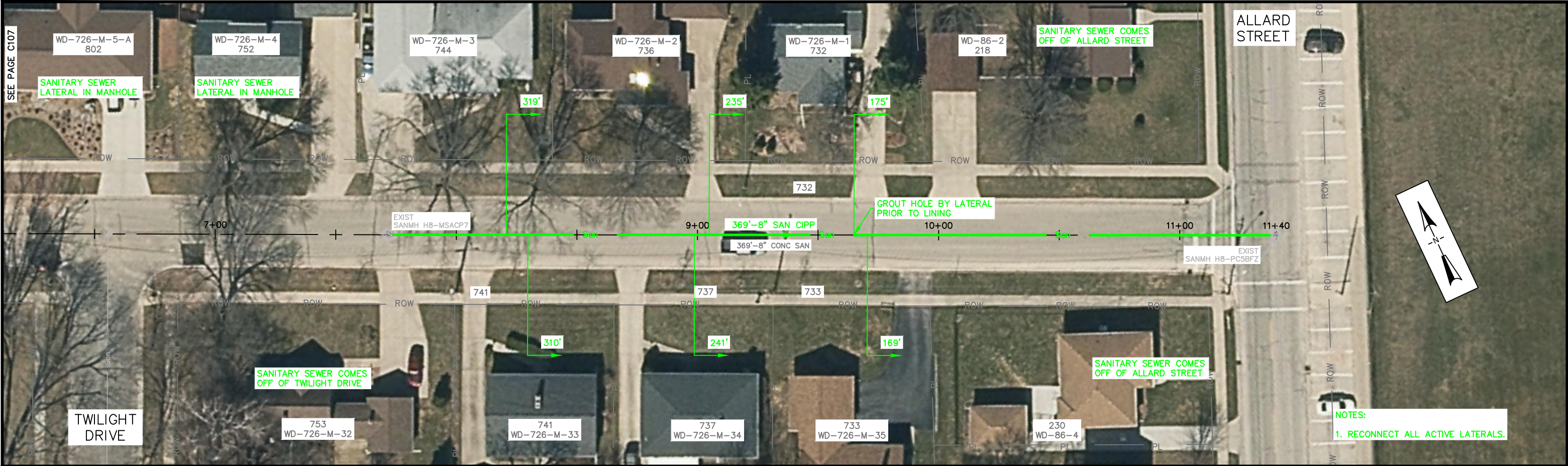
- NOTES:
- 1. RECONNECT ALL ACTIVE LATERALS
 - 2. TELEWISE SANITARY LATERALS AS MARKED ON PLANS PRIOR TO LINING SANITARY MAIN



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3+00	4+00	5+00	6+00	7+00	8+00
0 20' 40'					





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7+00

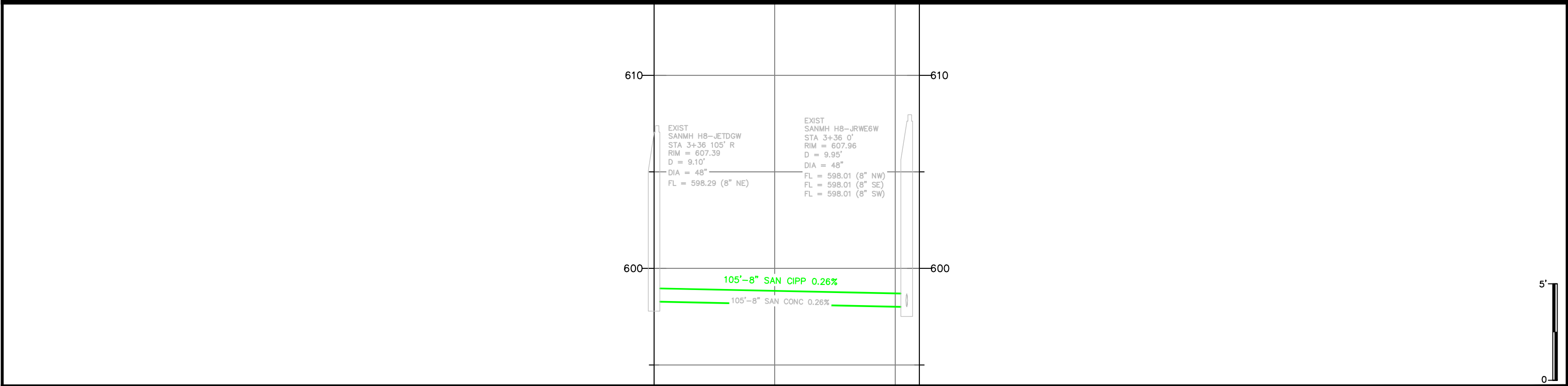
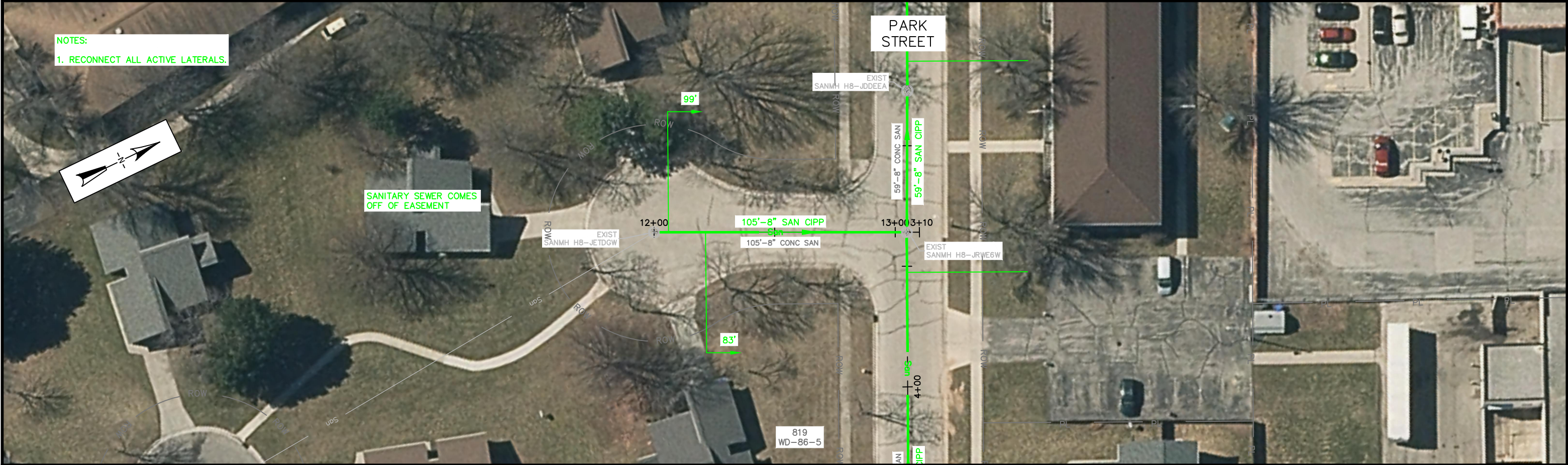
8+00

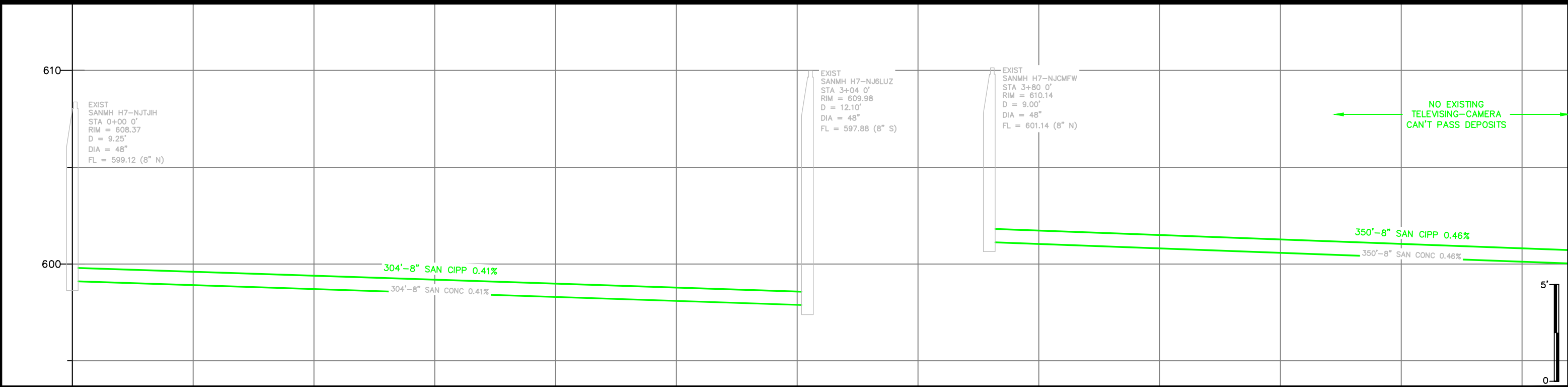
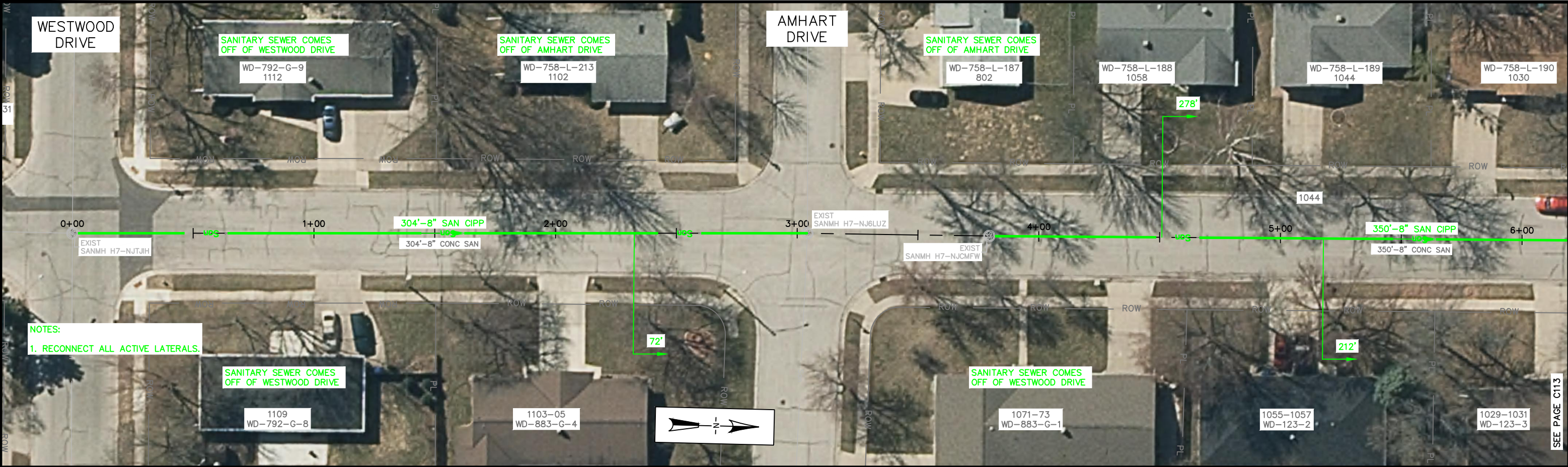
9+00

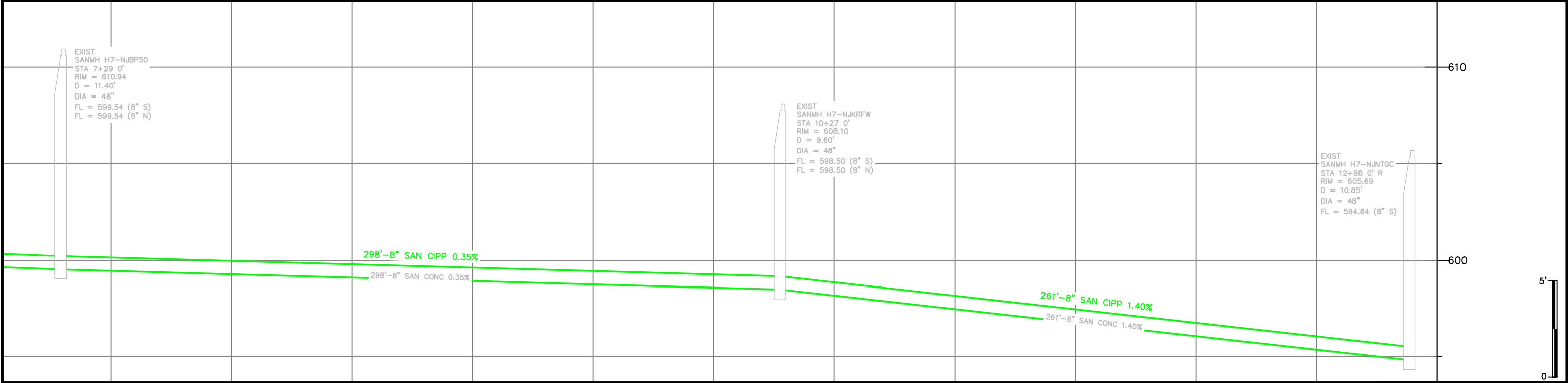
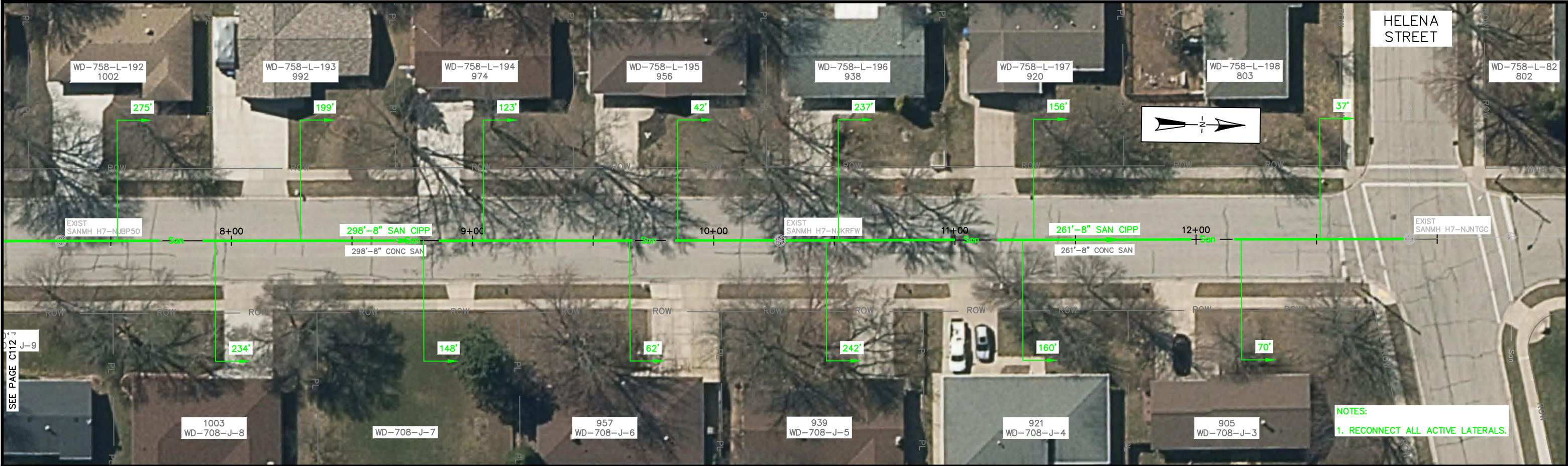
10+00

11+00

11+40





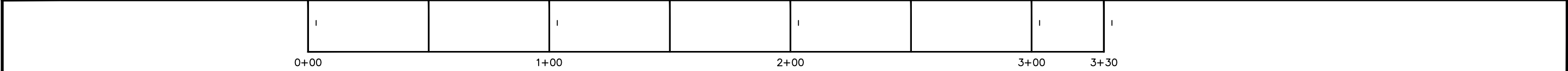
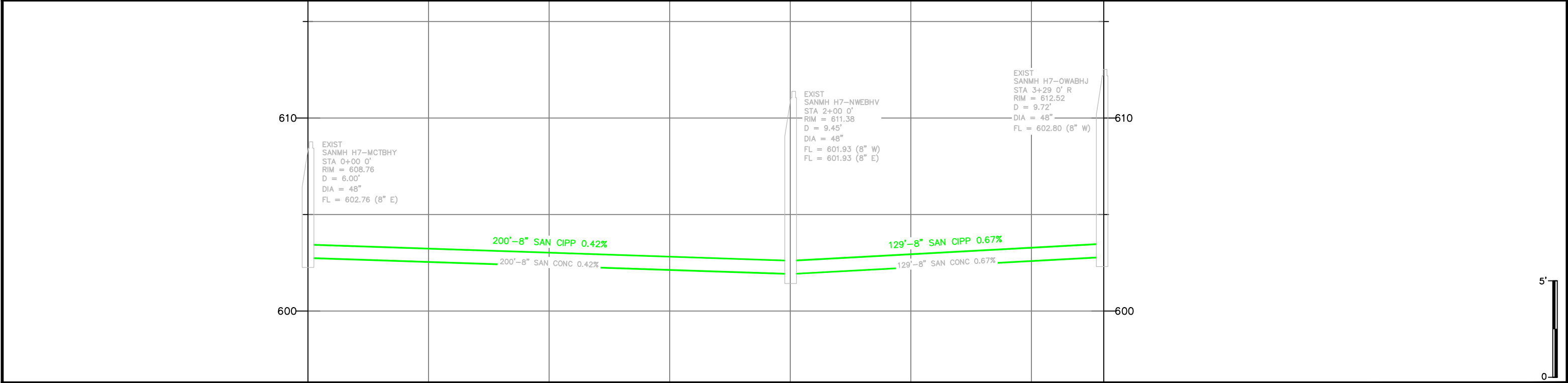


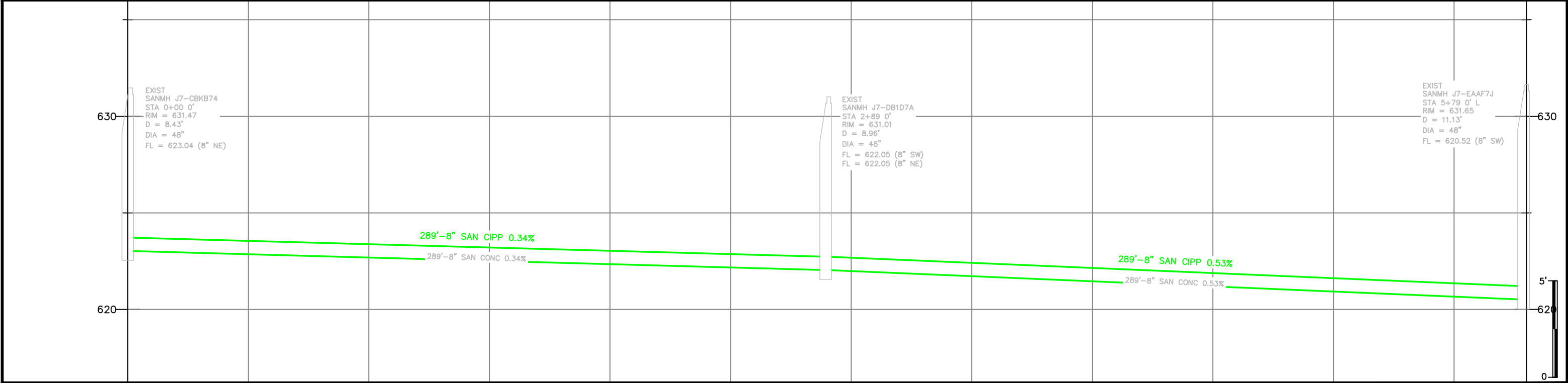
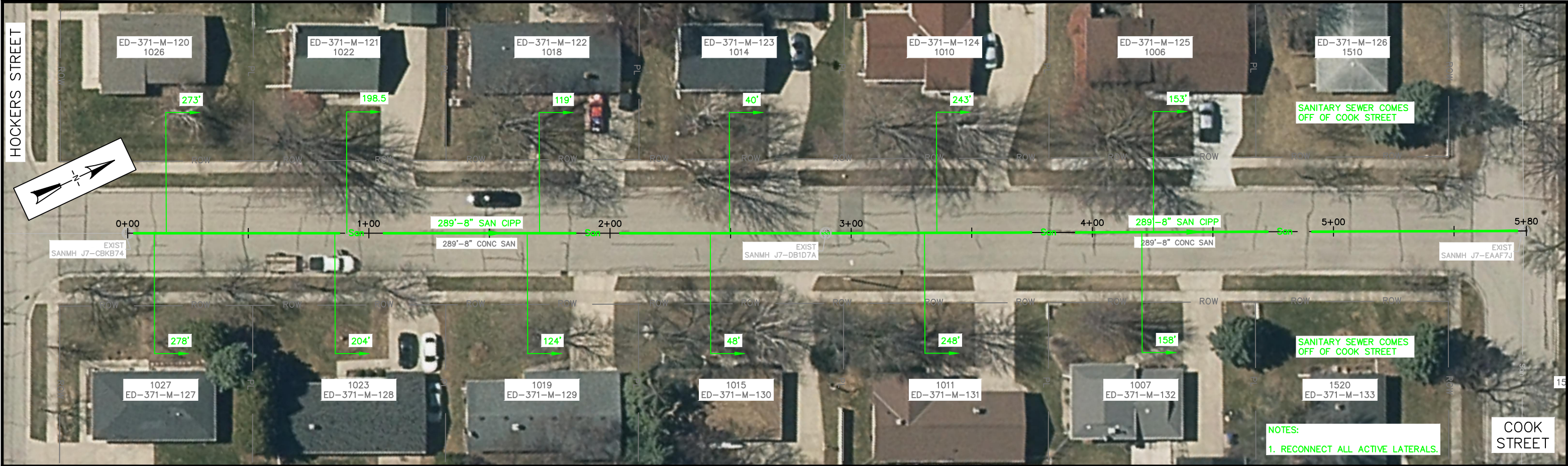
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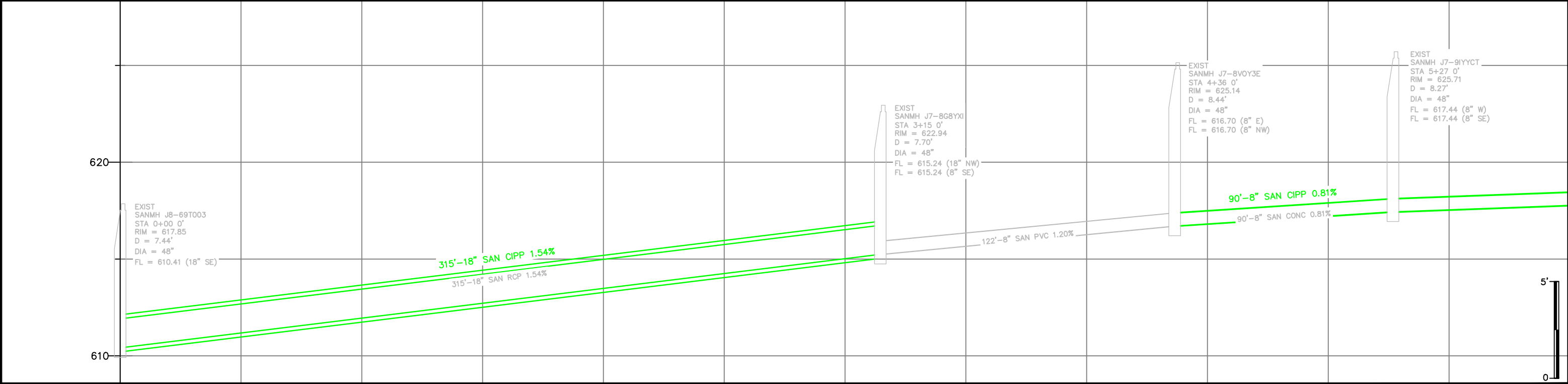
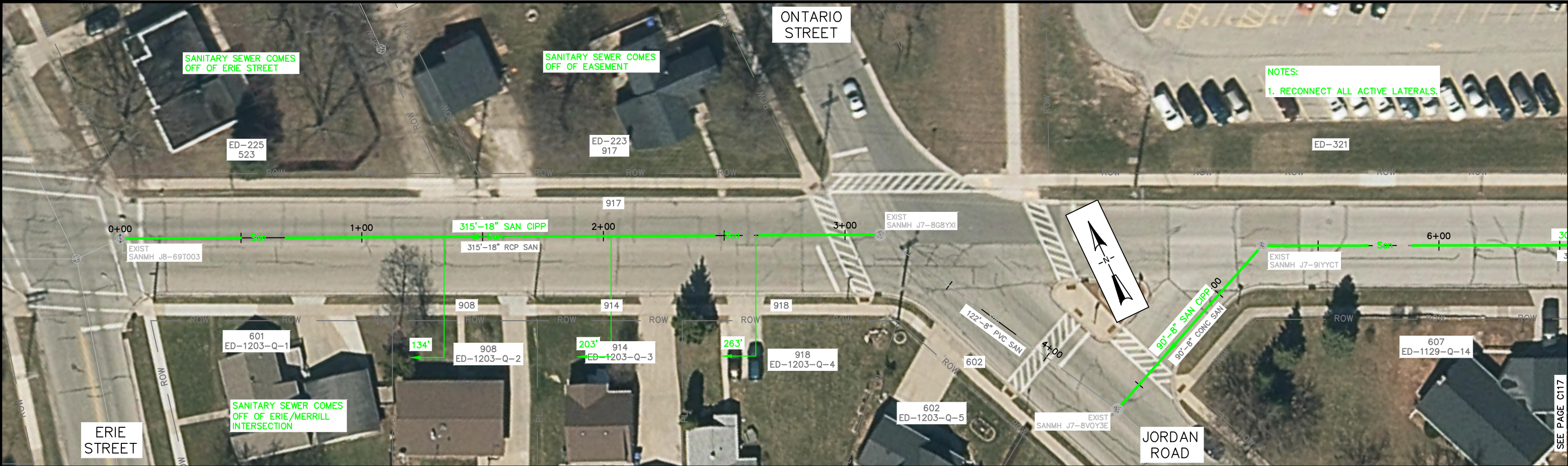
8+00			9+00			10+00			11+00			12+00			13+00		
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- NOTES:
- 1. RECONNECT ALL ACTIVE LATERALS
 - 2. TELEWISE SANITARY LATERALS AS MARKED ON PLANS PRIOR TO LINING SANITARY MAIN







NOTES:

1. RECONNECT ALL ACTIVE LATERALS
2. TELEVISION SANITARY LATERALS AS MARKED ON PLANS PRIOR TO LINING SANITARY MAIN

SANITARY SEWER COMES OFF WASHINGTON STREET

SANITARY SEWER COMES OFF ERIE STREET

TELEVISION SANITARY LATERAL

TELEVISION SANITARY LATERAL

EXIST SANMH J7-9IYYCT

EXIST SANMH J7-BLHXBS

EXIST SANMH J7-DN2WAU

607
ED-1129-Q-14

1324-1326
ED-1129-Q-19

1330-1332
ED-1129-Q-20

1340-1342
ED-1129-Q-23-A

1402
ED-1129-Q-23

1408
ED-1129-Q-24

San

300'-8" SAN CIPP

300'-8" CONC SAN

296'-8" SAN CIPP

296'-8" CONC SAN

211'

297'

71'

141'

236'

9'

36'

6+00

7+00

8+00

9+00

10+00

11+00

ROW

PL

N

SEE PAGE C116

SEE PAGE C118

SEE PAGE C118

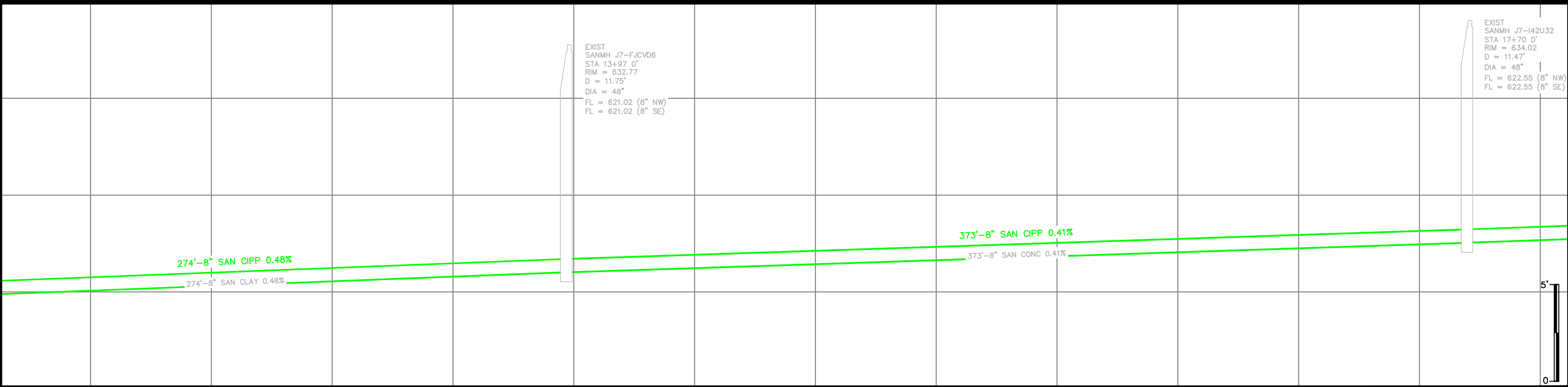
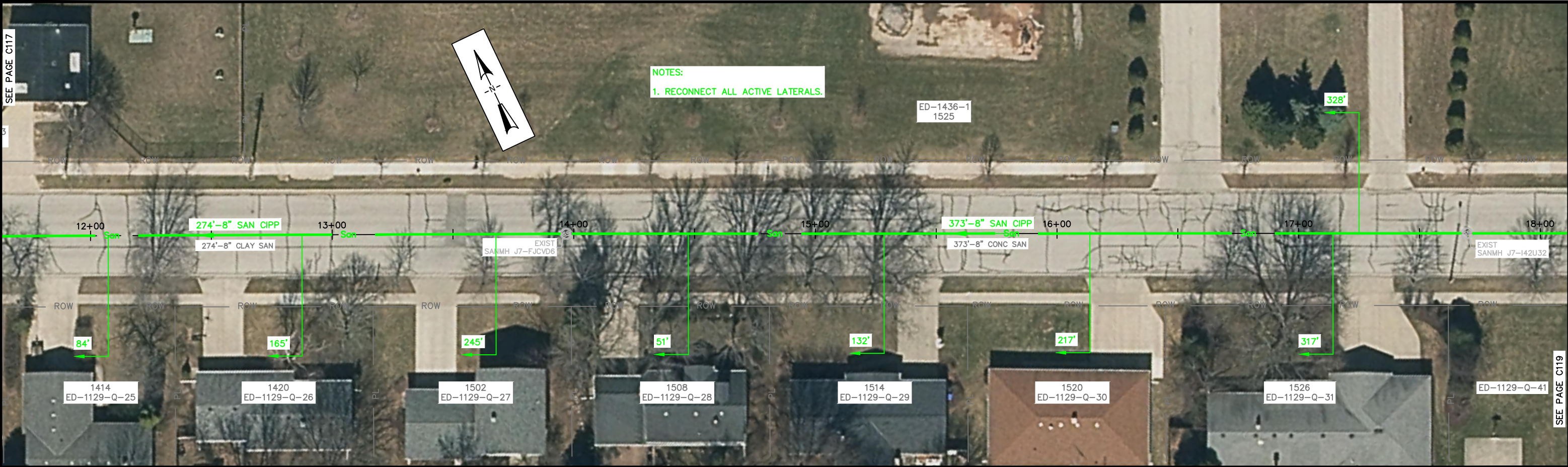
ED-14
15(SEE

T

1

A horizontal number line with tick marks at 0, 20', and 40'.



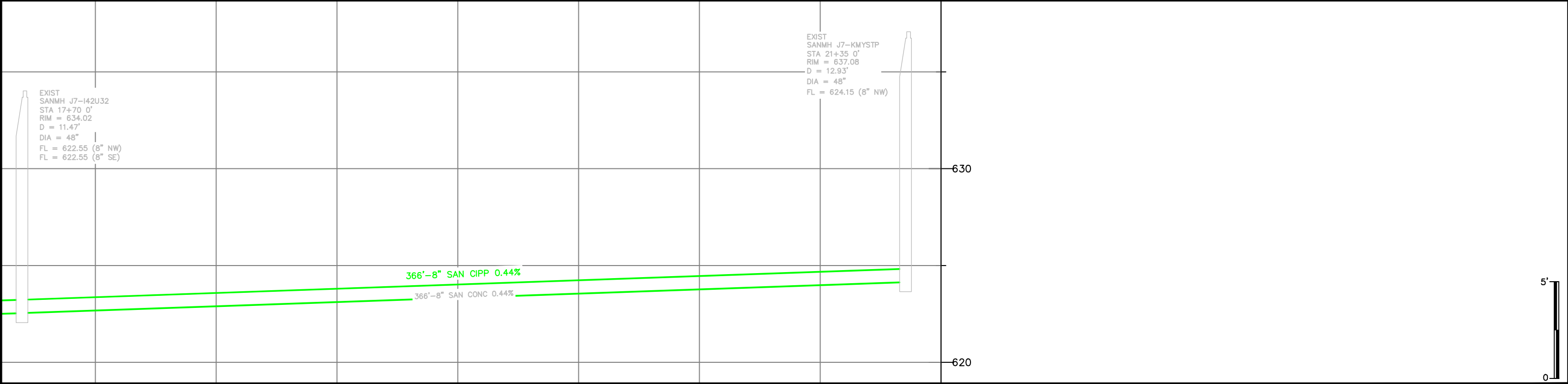
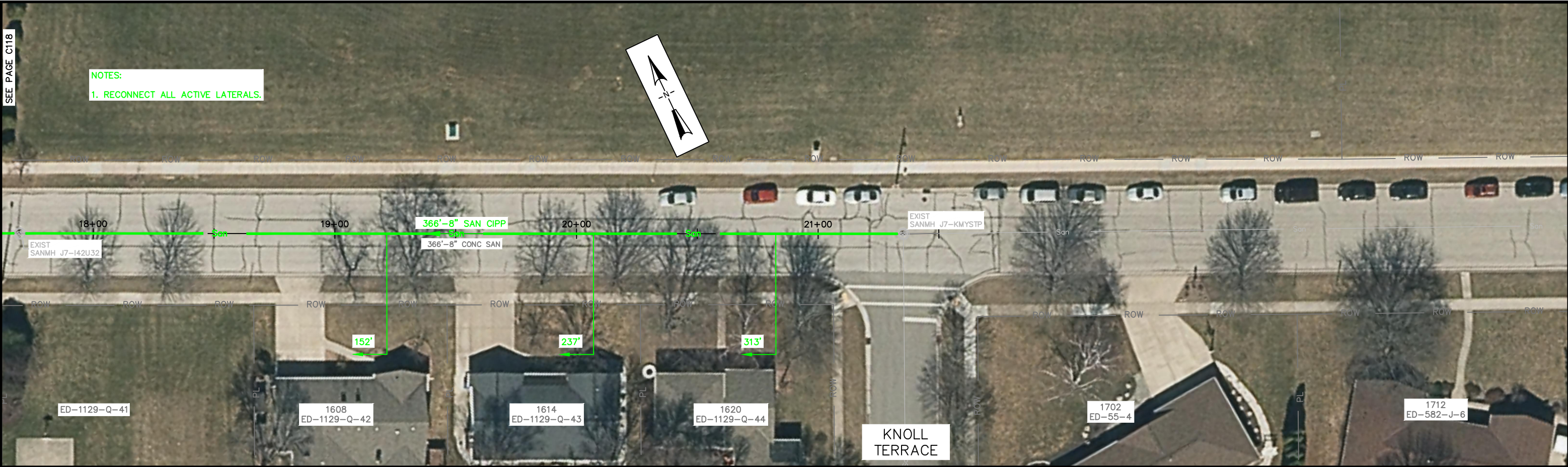


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12+00		13+00		14+00		15+00		16+00		17+00		18+00
020'40'												

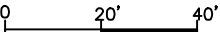
SEE PAGE C118

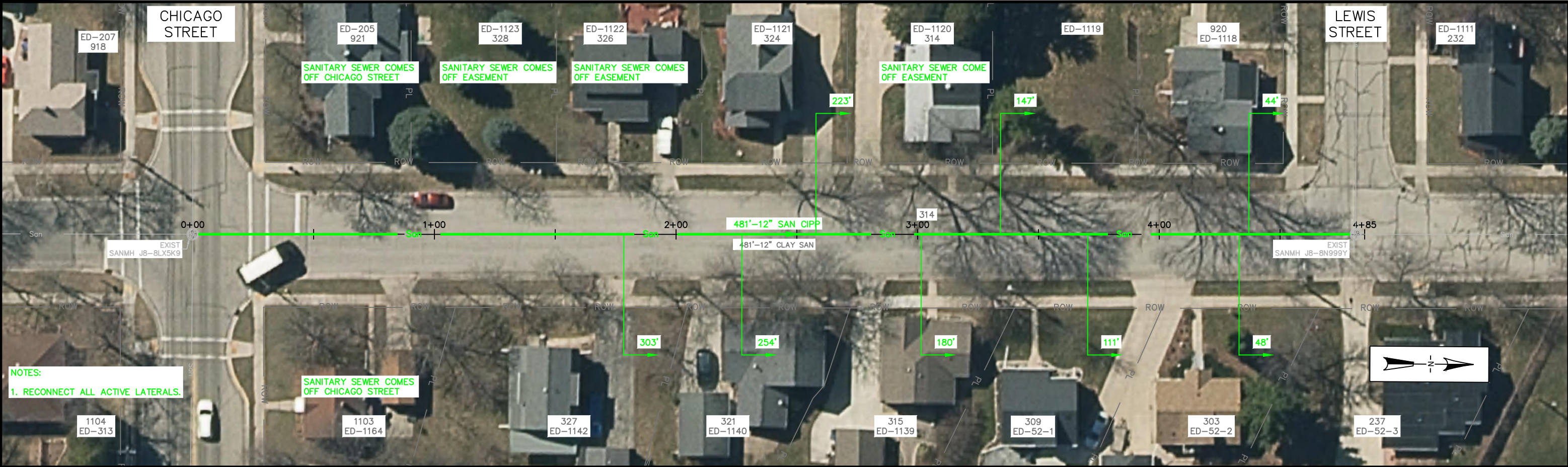
NOTES:
1. RECONNECT ALL ACTIVE LATERALS.



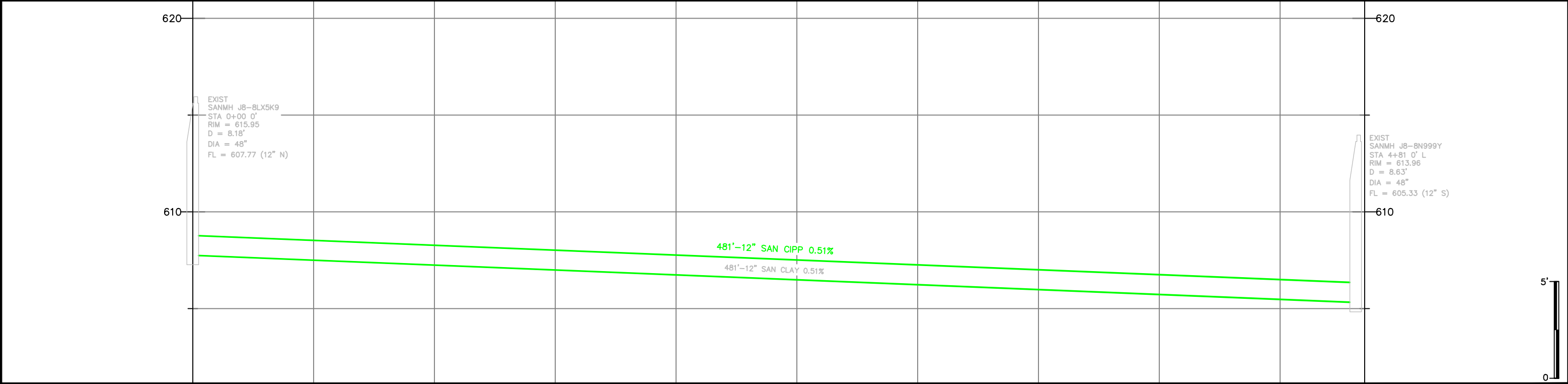
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18+00 19+00 20+00 21+00 21+50

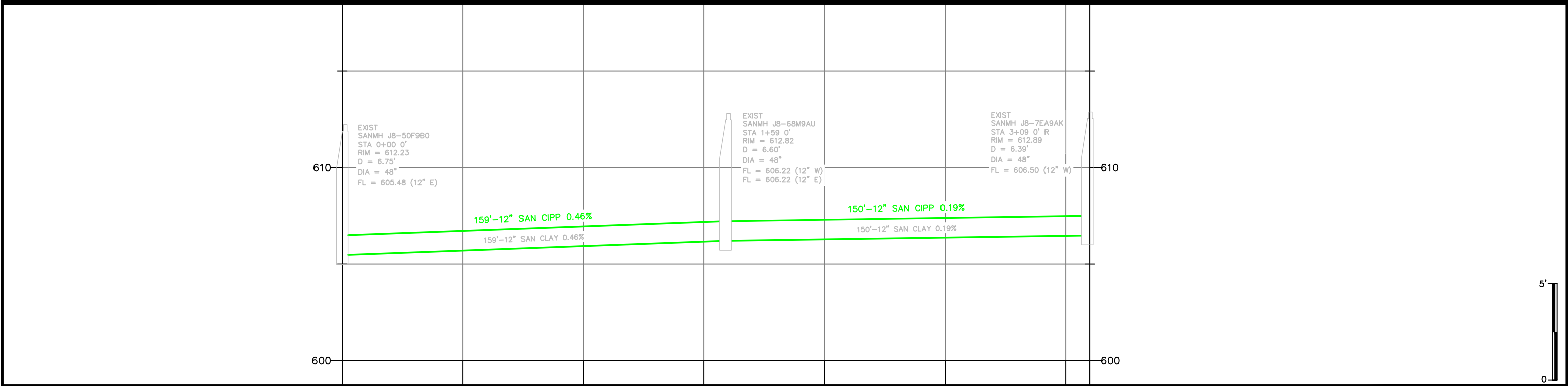
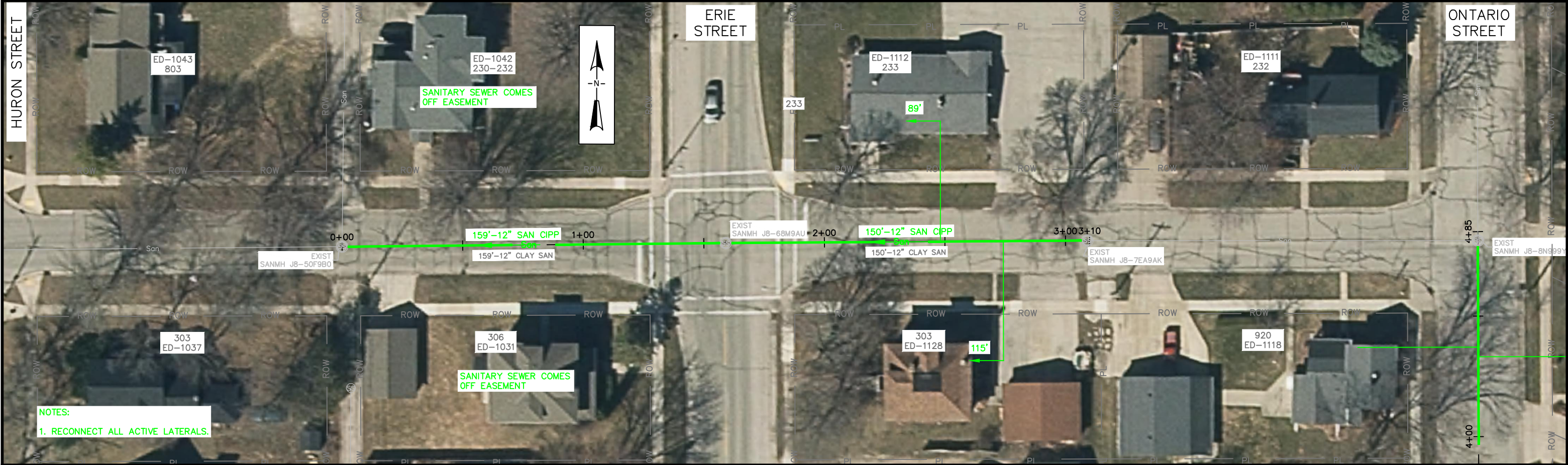


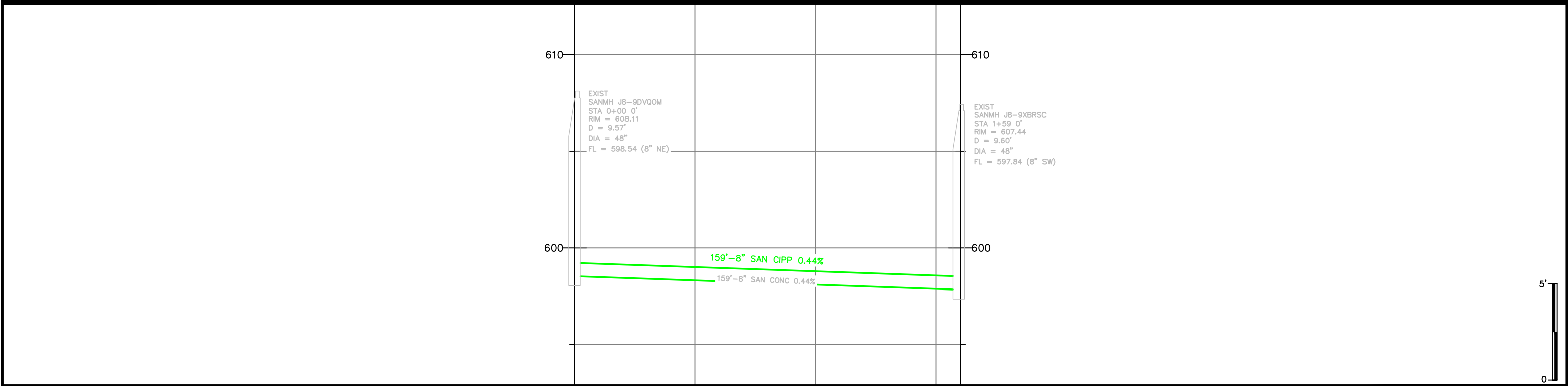
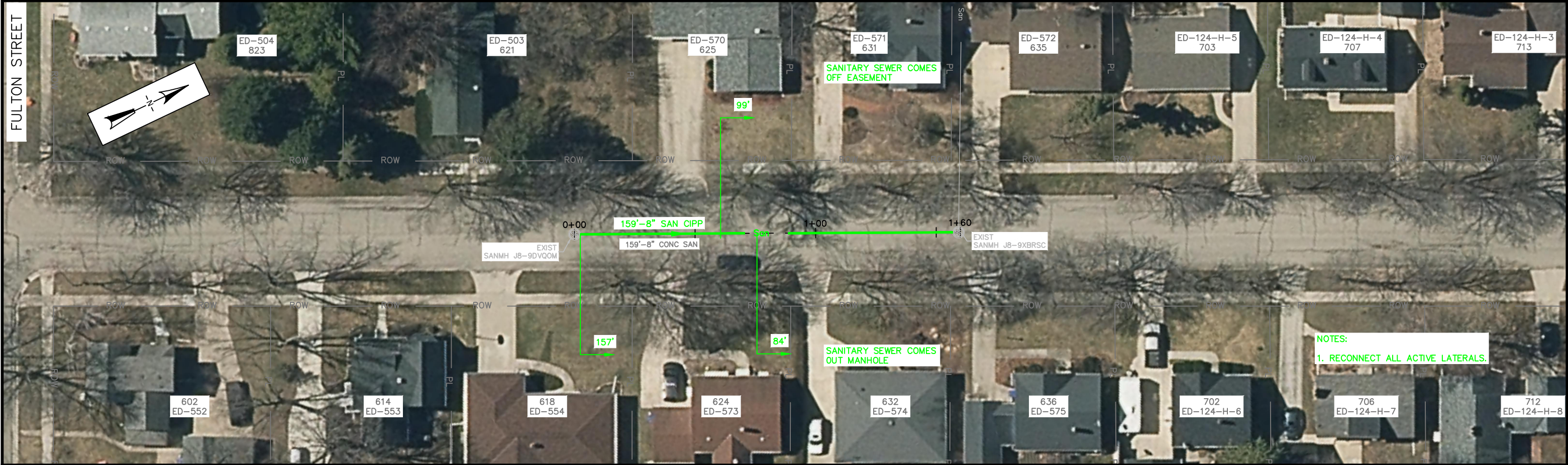


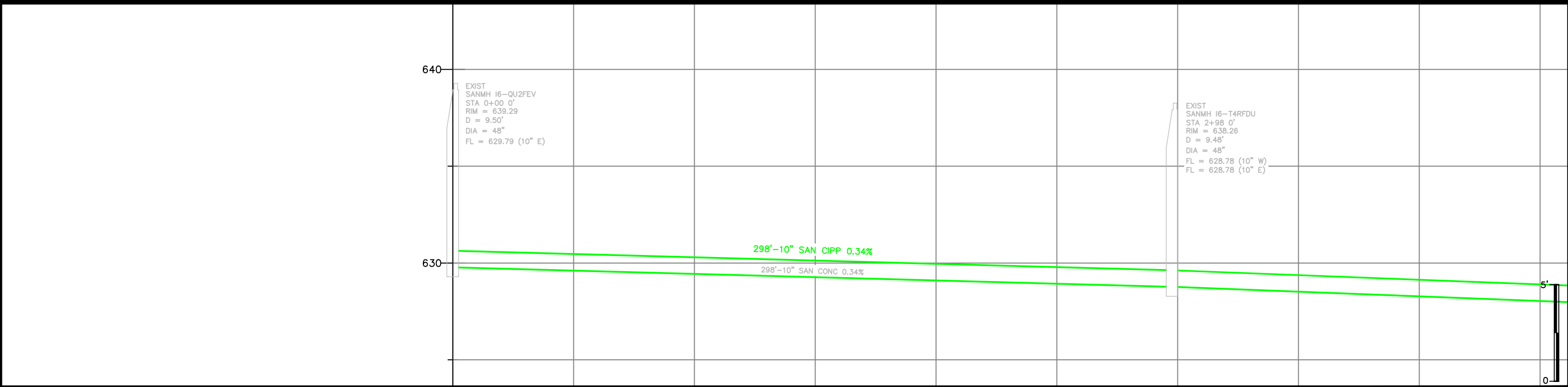
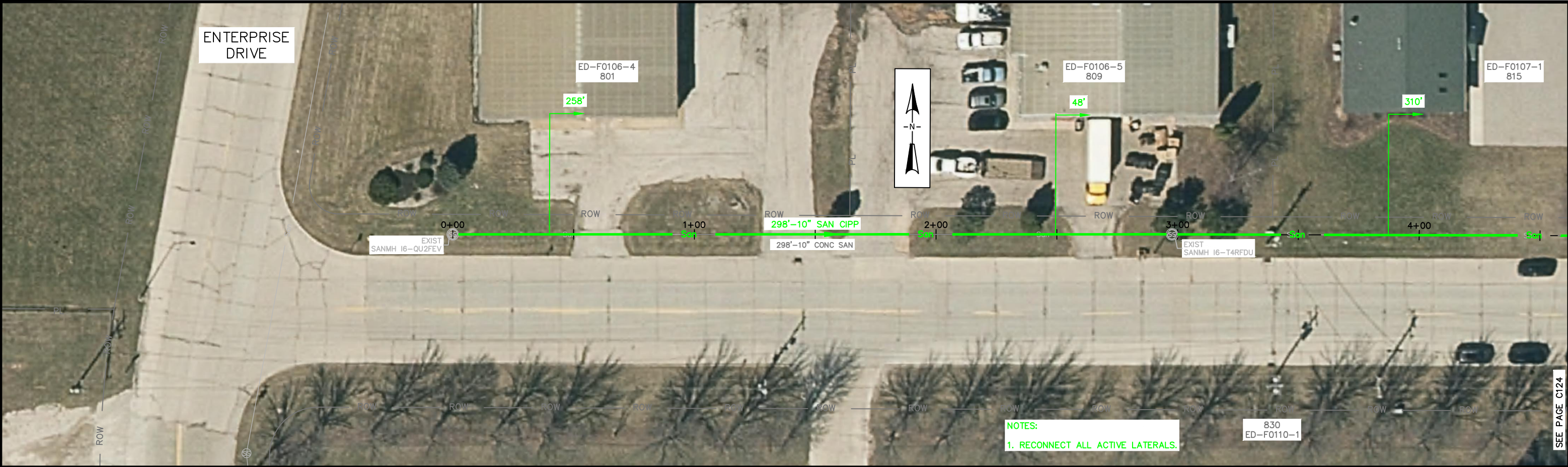
NOTES:
1. RECONNECT ALL ACTIVE LATERALS.



0+00	1+00	2+00	3+00	4+00	4+85					

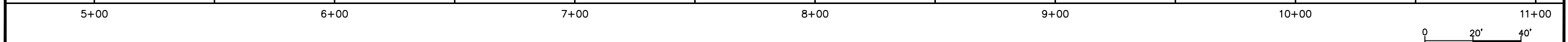
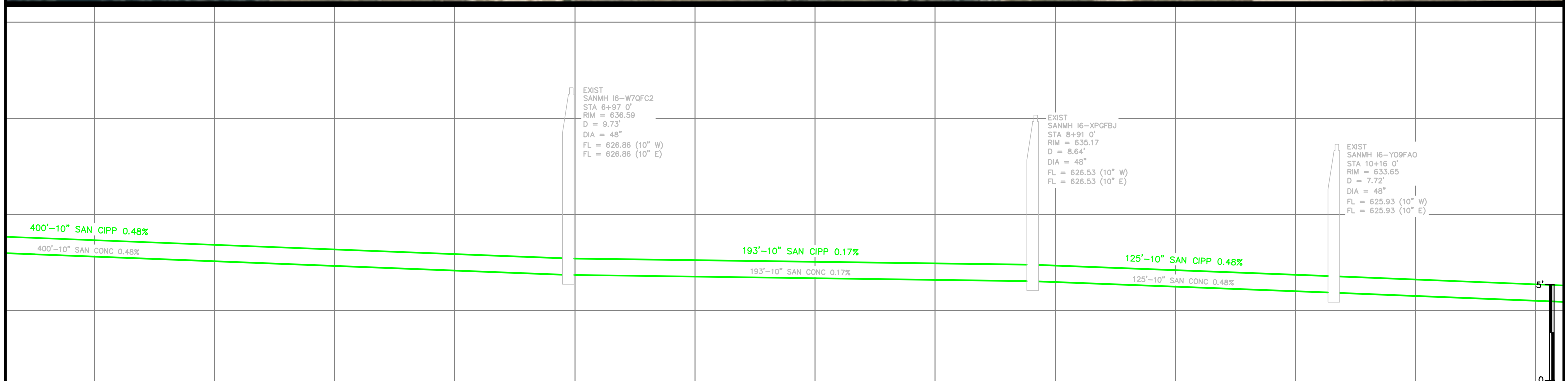
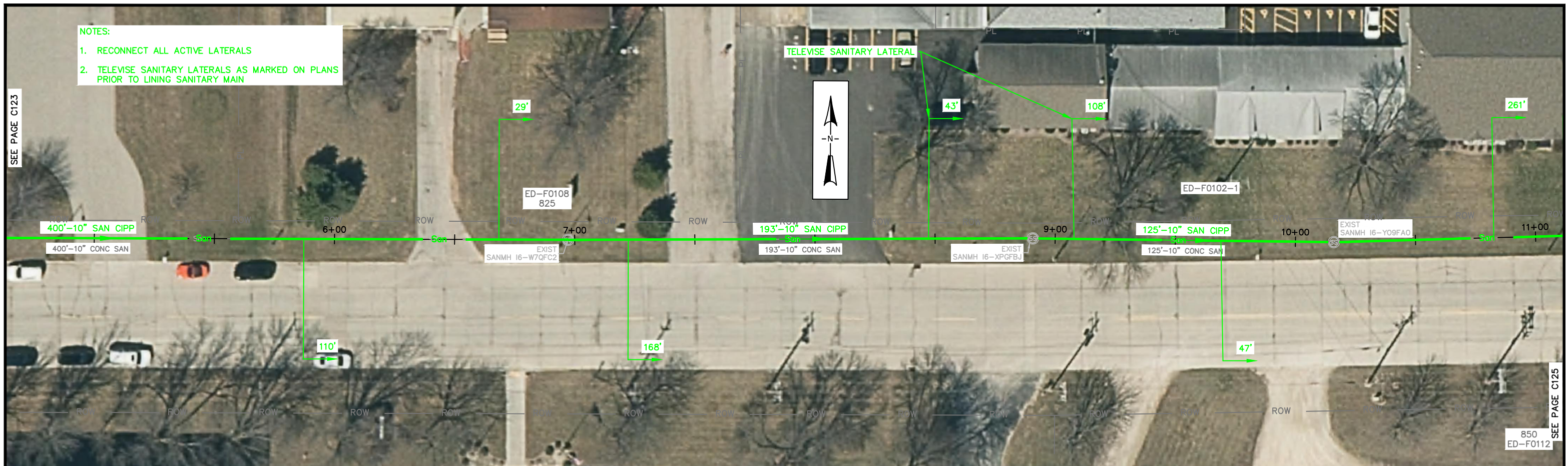


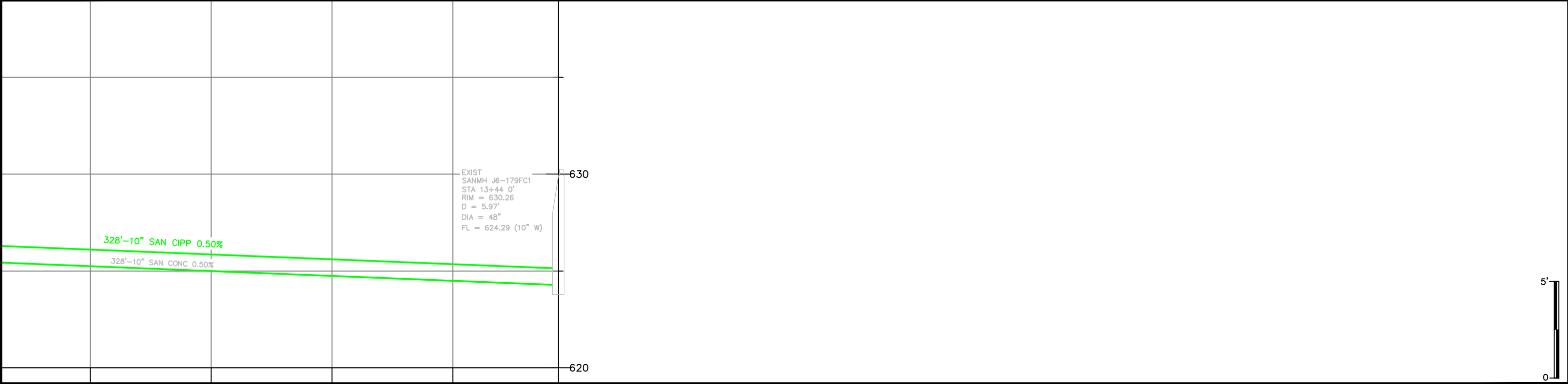


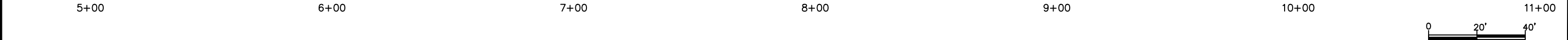


1. RECONNECT ALL ACTIVE LATERALS
2. TELEVIEW SANITARY LATERALS AS MARKED ON PLANS PRIOR TO LINING SANITARY MAIN

SEE PAGE C125









- NOTES:
1. RECONNECT ALL ACTIVE LATERALS
 2. TELEWISE SANITARY LATERALS AS MARKED ON PLANS PRIOR TO LINING SANITARY MAIN

