

CITY OF CROWN POINT LAKE COUNTY, INDIANA

LEAD SERVICE LINE REPLACEMENTS

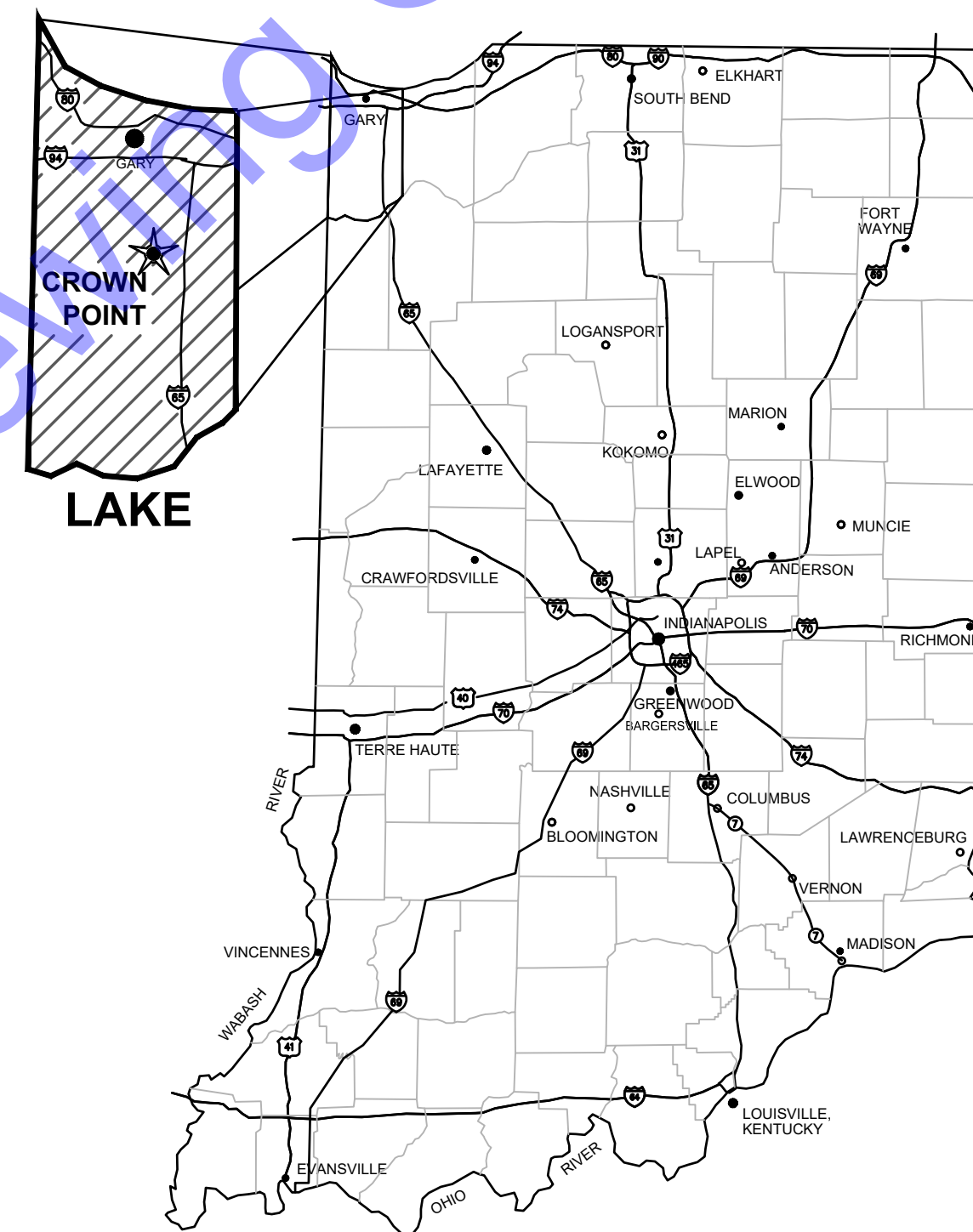
FEBRUARY 2025

BOARD OF PUBLIC WORKS

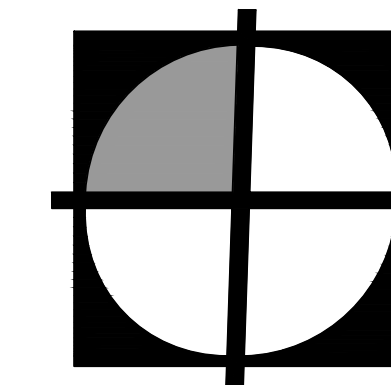
PETER D. LAND	MAYOR
JAMES CROOK	MEMBER
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ANTHONY SCHLUETER	CHIEF OF STAFF
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JASON SCOTT	UTILITIES SUPERINTENDENT
ALEX KUTANOVSKI	CITY ATTORNEY



GENERAL LOCATION MAP

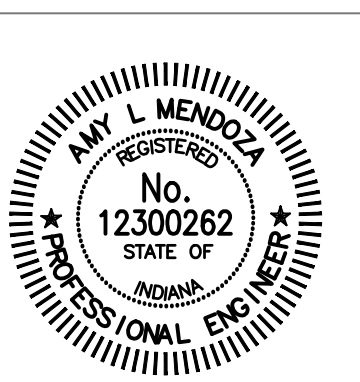


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QA/QC BY : JOHN WETZEL, P.E. _____ 2-17-25
DATE :

CERTIFIED BY : *Amy L. Mendoza* _____ 2-12-25
AMY L. MENDOZA
INDIANA P.E. No. 12300262
DATE :



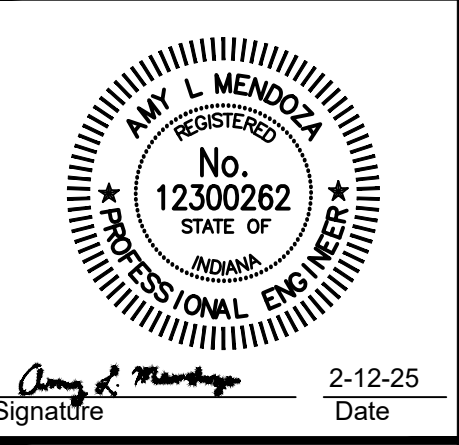
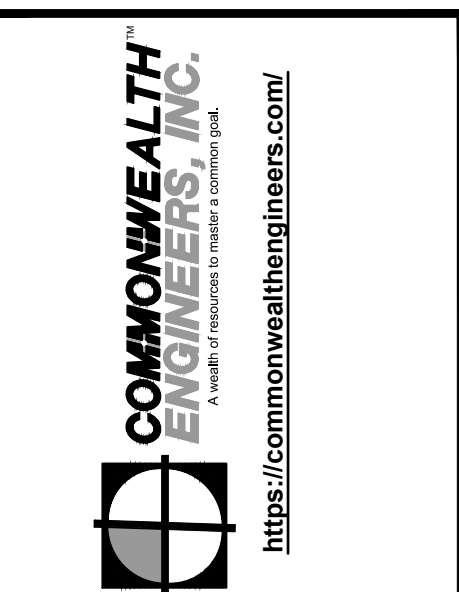
CONTRACT NO. : W24107

GENERAL ABBREVIATIONS

A	AIR	FLD	FILTRATE DRAIN	P/L	MATERIAL
AB	ANCHOR BOLT	FLG	FLANGE	POJ	PROPERTY LINE
AFF	ABOVE FINISH FLOOR	FL	FLUSHING LINE	PSF	PUSH ON JOINT
ALT	ALTERNATE	FLR	FLOOR	PSI	POUNDS PER SQUARE FOOT
ALUM	ALUMINUM	FM	FORCE MAIN	PVC	POUNDS PER SQUARE INCH
@	AT	FRP	FIBER REINFORCED PLASTIC	PW	POLYVINYL CHLORIDE
APP.	APPARENT	FT	FEET OR FOOT		POTABLE WATER
ATT	AERATION TANK TRANSFER	FTG	FOOTING	R	RECIRCULATION
AUTO	AUTOMATIC	FW	FINISHED WATER	RAD	RADIUS
AVG	AVERAGE	G	GAS	RAS	RETURN ACTIVATED SLUDGE
B	BAFFLE	GALV	GALVANIZED	RCP	REINFORCED CONCRETE PIPE
BLDG	BUILDING	GEN	GENERAL	RD	ROOF DRAIN
BM	BENCH MARK	GRD	GROUND OR GRADE	REINF	REINFORCING
BOT	BOTTOM	HB	HOSE BIBB	REQ'D	REQUIRED
BRG	BEARING	HORIZ	HORIZONTAL	R/W (ROW)	RIGHT-OF-WAY
CFM	CUBIC FEET PER MINUTE	HP	HORSEPOWER	SAN	SANITARY
CL	CENTERLINE	HW	HOT WATER	SAS	SANITARY SEWER
CO	CLEAN OUT	ID	INSIDE DIAMETER	SCH	SCHEDULE
COL/C	COLUMN	IJ	ISOLATION JOINT	SECT	SECTION
CONC	CONCRETE	INV	INVERT	SF	SQUARE FEET
COP	COPPER	IP	IRON PIN	SHT	SHEET
CJ	CONSTRUCTION JOINT	LAV	LAVATORY	SL	SAMPLE LINE
CW	COLD WATER	LB	POUND	SOS	STORM SEWER
CY	CUBIC YARD	LL	LIVE LOAD	SP	STOP PLATE
D	DRAIN	LLV	LONG LEG VERTICAL	SQ	SQUARE
DEC	DECANT	LTG	LIGHTING	STD	STANDARD
DIA	DIAMETER	MAX	MAXIMUM	S STL, SS	STAINLESS STEEL
DIM	DIMENSION	MCC	MOTOR CONTROL CENTER	STL	STEEL
DI	DUCTILE IRON PIPE	MGD	MILLIONS GALLONS PER DAY	SUP	SUPERNATANT
DL	DEAD LOAD	MH	MANHOLE	SY	SQUARE YARD
DSPT	DOWN SPOUT	MIN	MINIMUM, MINUTE	TOS	TOP OF SLAB
DWG	DRAWING	MJ	MECHANICAL JOINT	TOW	TOP OF WALL
E	ELECTRICAL CONDUIT	NC	NORMALLY CLOSED	TW	TERTIARY WATER
EA	EACH	NG	NATURAL GAS	TYP	TYPICAL
EF	EACH FACE	NIC	NOT IN CONTRACT	V	VACUUM OR VALVE
EFFL	EFFLUENT	NO	NORMALLY OPEN	VAR	VARIES
EL	ELEVATION	NO.	NUMBER	VERT	VERTICAL
EW	EACH WAY	NPW	NON-POTABLE WATER	W	WEIR
EX	EXISTING	OC	ON CENTER	W/	WITH
EXF	EXHAUST FAN	OD	OUTSIDE DIAMETER	W/O	WITHOUT
EXP JP	EXPANSION JOINT	OPG	OPENING	WAS	WASTE ACTIVATED SLUDGE
F	FILTER	OPP	OPPOSITE	WC	WATER CLOSET
FCAR	FLANGED COUPLING ADAPTER, RESTRAINED			WH	WATER HEATER
FD	FLOOR DRAIN			WL	WATER LINE
FDN	FOUNDATION	PB	PULL BOX	WWF	WELDED WIRE FABRIC
FH	FIRE HYDRANT	PE	POLYETHYLENE EXP. JT.	YH	YARD HYDRANT

GENERAL NOTES

- ALL PROPERTY AND RIGHT-OF-WAY LINE INFORMATION SHOWN IN DRAWING SET ARE APPARENT AND SHALL NOT BE DEEMED EXACT LOCATIONS, UNLESS OTHERWISE NOTED. INFORMATION WAS OBTAINED VIA "INDIANA ON-LINE" GIS SHAPE FILES.
- EXISTING UTILITY INFORMATION SHOWN IN DRAWING SET, MEETS "ASCE 36-02" QUALITY LEVEL "D", UNLESS OTHERWISE NOTED.
 - UTILITY COORDINATION AND PROJECT DEPICTION OF EXISTING SUBSURFACE UTILITY DATA:
 - UTILITY QUALITY LEVEL DESCRIPTIONS:**
 - UTILITY QUALITY LEVEL A** - PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATIONS OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. ACCURACY OF LOCATION MATCHES PROJECT SURVEY TOLERANCE.
 - UTILITY QUALITY LEVEL B** - INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION SUBSURFACE UTILITIES. THE RELIABILITY OF THIS INFORMATION IS SURVEYED TO PROJECT CONTROL AND SUBJECT TO ACCURACY LEVELS OF THE GEOPHYSICAL TOLERANCE DEFINED BY THE PROJECT.
 - UTILITY QUALITY LEVEL C** - INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE GROUND UTILITY FEATURES AND CORRELATING QUALITY LEVEL "D" INFORMATION.
 - UTILITY QUALITY LEVEL D** - INFORMATION DERIVED FROM EXISTING RECORDS OR VERBAL RECOLLECTIONS.
- NORTHING AND EASTING COORDINATES SHOWN ON ALL MANHOLE, INLETS, ETC. ARE SHOWN FROM CENTER OF STRUCTURE NOT CASTING, UNLESS OTHERWISE NOTED.
- ALL MANHOLES THAT HAVE PIPE INVERT DIFFERENTIAL OF 2' OR GREATER, SHALL BE CONSIDERED A DROP MANHOLE. CONTRACTOR SHALL REFER TO MISCELLANEOUS DETAILS AND DETAILED SPECIFICATIONS FOR MORE INFORMATION.



Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE
REPLACEMENTS

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DRAWING SET LEGEND

— EXOHT — EXOHT —	EXISTING OVERHEAD TELEPHONE LINE	⊠	AC UNIT	⊕	TELEPHONE MANHOLE
— EXG — EXG —	EXISTING GAS LINE AND VALVE	○	BOLLARD	⊕	TELEPHONE LINE MARKER
— EXW — EXW —	EXISTING WATER LINE AND VALVE	⊖	BOULDER / LARGE ROCK	⊕	TRAFFIC MANHOLE
— EXF/O — EXF/O —	EXISTING FIBER OPTIC LINE	⊕	CENTER LINE MONUMENT	⊕	WATER LINE MARKER
— EXOHE — EXOHE —	EXISTING OVERHEAD ELECTRIC LINE	⊕	ROW MONUMENT	⊕	WATER METER
— EXBE — EXBE —	EXISTING BURIED ELECTRIC	⊕	CONTROL POINT / BENCH MARK	⊕	VALVE
— NPW — NPW — NPW —	EXISTING NON-POTABLE WATER LINE	⊕	DRILL HOLE	⊕	IRRIGATION CONTROL VALVE
— POT — POT — POT —	EXISTING POTABLE WATER LINE	⊕	MAIL BOX	⊕	FIRE HYDRANT
— EXBT — EXBT —	EXISTING BURIED TELEPHONE LINE	⊕	FLAG POLE	⊕	FLUSH HYDRANT
— X — X — X —	EXISTING FENCE	○	POST	⊕	YARD HYDRANT
— APP. R/W —	APPARENT RIGHT-OF-WAY	○	STUMP	⊕	WALL SPIGOT
— APP. P/L —	APPARENT PROPERTY LINE	⊕	BUSH / HEDGE	■	EXISTING PIPE PLUG
— — — —	EDGE OF ROAD	⊕	DECIDUOUS TREE	■	STORM CATCH BASIN (SQUARE)
— — — —	EDGE OF ROAD WITH CURB	⊕	CONIFEROUS TREE	■	STORM CATCH BASIN (ROUND)
— — — —	EXISTING MAJOR CONTOUR LINE	⊕	SIGN	■	STORM CURB INLET
— — — —	EXISTING MINOR CONTOUR LINE	⊕	UTILITY LOCATE FLAG	⊕	STORM MANHOLE
— W — W — W —	NEW WATER LINE	⊕	GAS LINE MARKER	⊕	SANITARY MANHOLE
— 785 —	PROPOSED MAJOR CONTOUR LINE	⊕	GAS VALVE	⊕	SANITARY VALVE
— 784 —	PROPOSED MINOR CONTOUR LINE	⊕	GAS METER	○	CLEANOUT
		⊕	GUY POLE	⊕	VENT
		⊕	POWER POLE	⊕	NEW VALVE
		⊕	LIGHT POLE	⊕	NEW FIRE HYDRANT
		⊕	GUY WIRE	⊕	NEW FLUSH HYDRANT
		⊕	ELECTRIC METER	⊕	NEW WET SADDLE AND VALVE BODY
		⊕	ELECTRIC PANEL	⊕	NEW PLUG
		⊕	ELECTRIC TRANSFORMER	⊕	NEW LINE STOP
		⊕	HAND HOLE BOX	⊕	NEW CUT AND CAP
		⊕	FIBER OPTIC MARKER	⊕	NEW SANITARY MH
		⊕	TEL/TV PEDESTAL		

HATCHING SYMBOLS

	-CMU WALL (PLAN VIEW)
	-GRANULAR BACKFILL (PROFILE VIEW)
	-DEMOLITION (CONTRACTOR SHALL REFER TO DETAILED SPECIFICATIONS)
	-GROUT
	-CONCRETE
	-STEEL
	-COMPACTED GRANULAR BACKFILL OR COMPACTED FOUNDATION
	-ABANDONED IN PLACE

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Date	
By	
Submitted / Revision	
No.	

Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

GENERAL ABBREVIATIONS, LEGENDS, SYMBOLS, AND NOTES

Drawing No:
G3
Sheet: 03 OF 98

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FOR CONTINUATION SEE DWG C1-2

EROSION CONTROL LEGEND:
 (IP) INLET PROTECTION

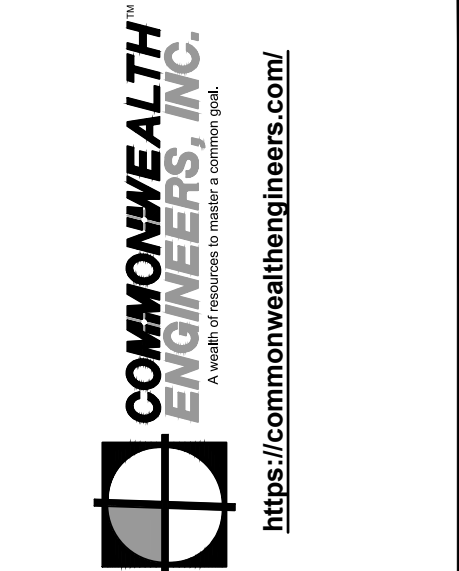
EROSION CONTROL NOTES:

- CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO INLET PROTECTION, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

PLAN VIEW
 SCALE: 1"=30'-0"
 0 30 60

GENERAL NOTES:

- CONTRACTOR TO AVOID AND PROTECT ANY EXISTING STORM MANHOLES, SEWER, OR CULVERTS. IF DISTURBED OR DAMAGED, CONTRACTOR TO REPLACE TO A CONDITION EQUAL TO OR BETTER THAN EXISTING.
- SANITARY LATERAL LOCATIONS ARE UNKNOWN. CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF EXISTING SANITARY LATERALS PRIOR TO INSTALLATION OF NEW WATER SERVICES.
- SANITARY SEWER DEPTH SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INSTALLATION OF NEW WATER SERVICES.
- CONTRACTOR SHALL RELOCATE EXISTING CUSTOMER METER TO NEW METER PIT. PAYMENT FOR THIS ITEM SHALL BE INCLUDED IN THE COST OF THE NEW METER PIT.



Professional Engineer Seal for Amy L. Mendoza, No. 12300262, State of Indiana. Signature: Amy L. Mendoza, Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE REPLACEMENTS

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No.	Submittal/Revision	Date	By

Designed By: ALM Drawn By: KG/JL Checked By: JW
 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 1 - PLAN VIEW
 Drawing No: C1-1
 Sheet: 05 OF 98

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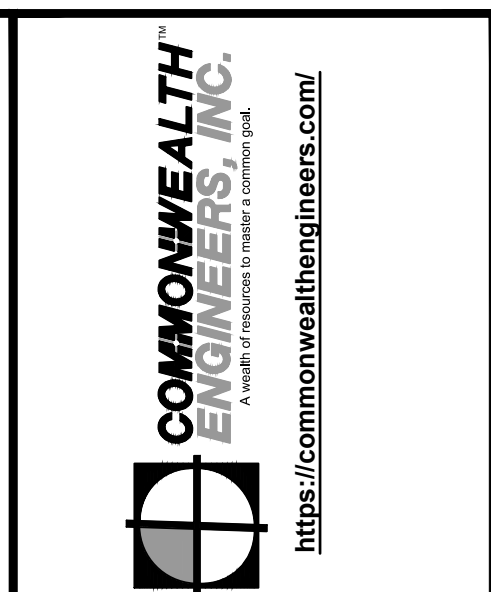


PLAN VIEW
 SCALE: 1"=300'-0"
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LEGEND
 LEAD SERVICE REPLACEMENT LOCATIONS



Signature: *Amy L. Mendoza* Date: 2-12-25
 REGISTERED PROFESSIONAL ENGINEER
 No. 12300262
 STATE OF INDIANA

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
 REPLACEMENTS

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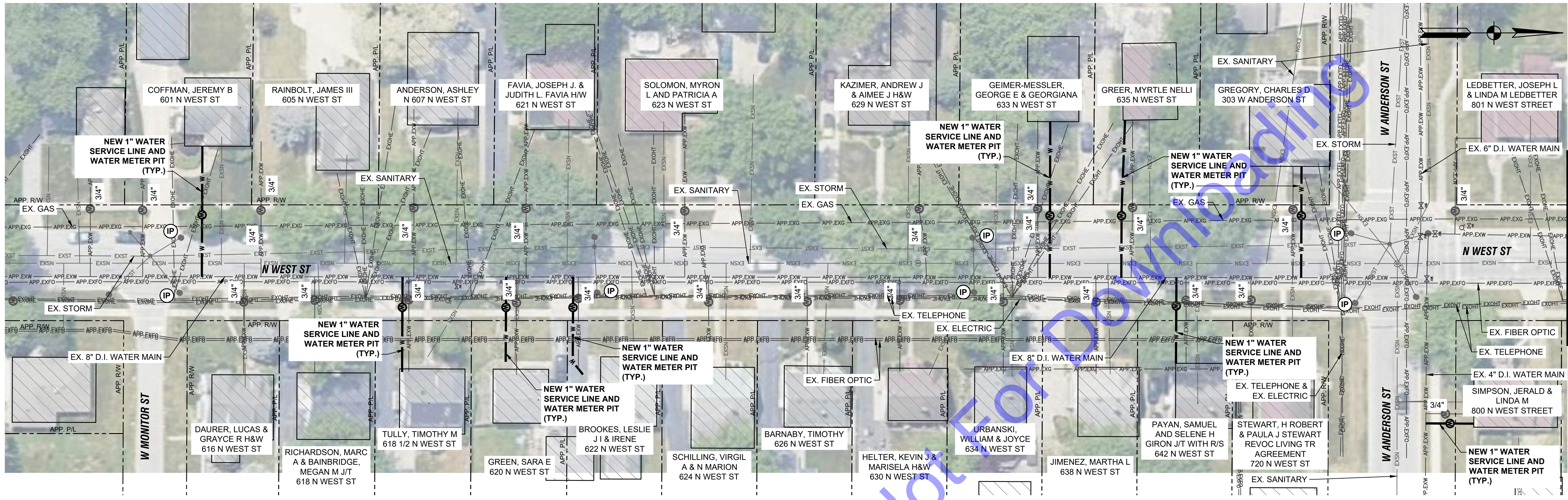
No.	Submittal / Revision	By	Date

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Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 2 - DRAWING INDEX

Drawing No:
C2-0
 Sheet: 09 OF 98

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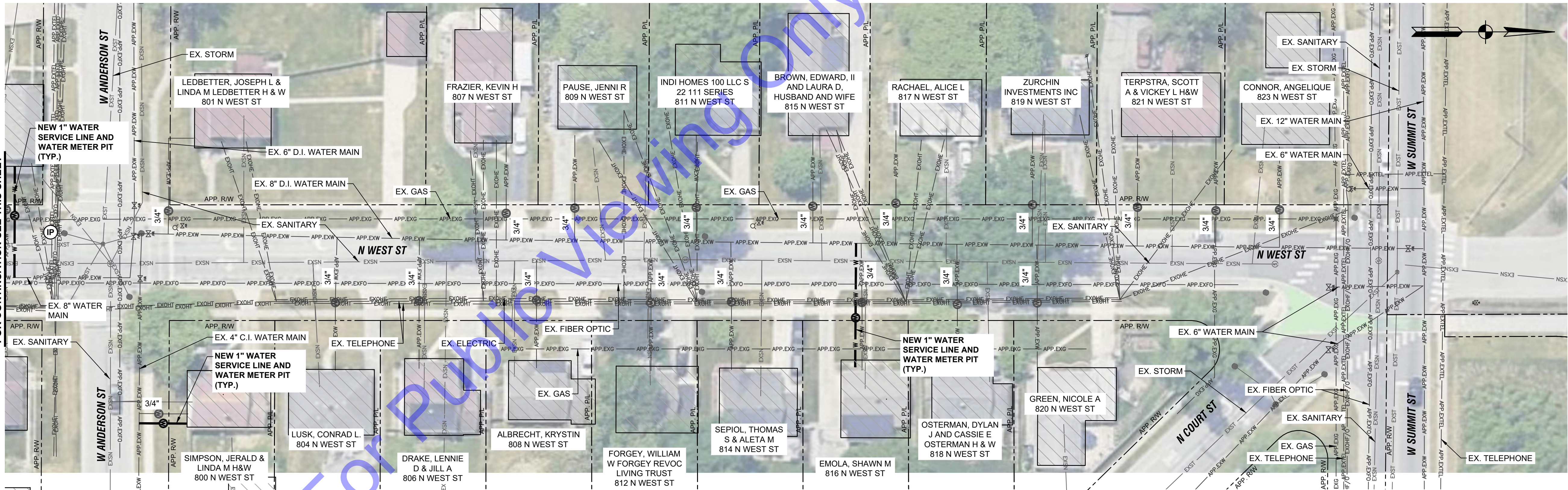


PLAN VIEW

SCALE: 1"=30'-0"



FOR CONTINUATION SEE THIS SHEET



PLAN VIEW

SCALE: 1"=30'-0"



FOR CONTINUATION SEE THIS SHEET

EROSION CONTROL LEGEND:

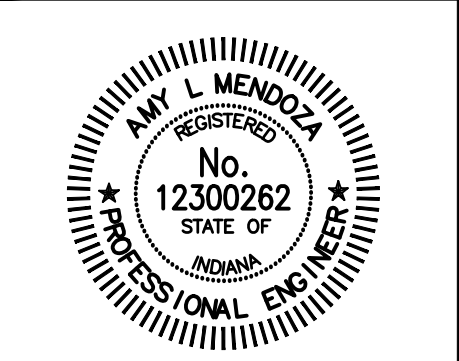
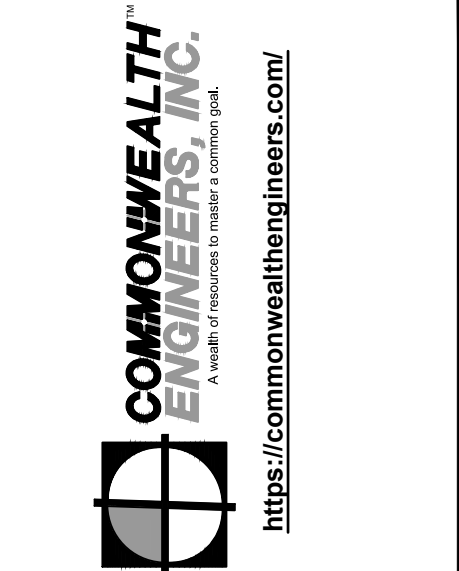
(IP) INLET PROTECTION

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- CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO INLET PROTECTION, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

GENERAL NOTES:

- CONTRACTOR TO AVOID AND PROTECT ANY EXISTING STORM MANHOLES, SEWER, OR CULVERTS. IF DISTURBED OR DAMAGED, CONTRACTOR TO REPLACE TO A CONDITION EQUAL TO OR BETTER THAN EXISTING.
- SANITARY LATERAL LOCATIONS ARE UNKNOWN. CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF EXISTING SANITARY LATERALS PRIOR TO INSTALLATION OF NEW WATER SERVICES.
- SANITARY SEWER DEPTH SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INSTALLATION OF NEW WATER SERVICES.
- CONTRACTOR SHALL RELOCATE EXISTING CUSTOMER METER TO NEW METER PIT. PAYMENT FOR THIS ITEM SHALL BE INCLUDED IN THE COST OF THE NEW METER PIT.



Signature: Amy L. Mendoza Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE REPLACEMENTS

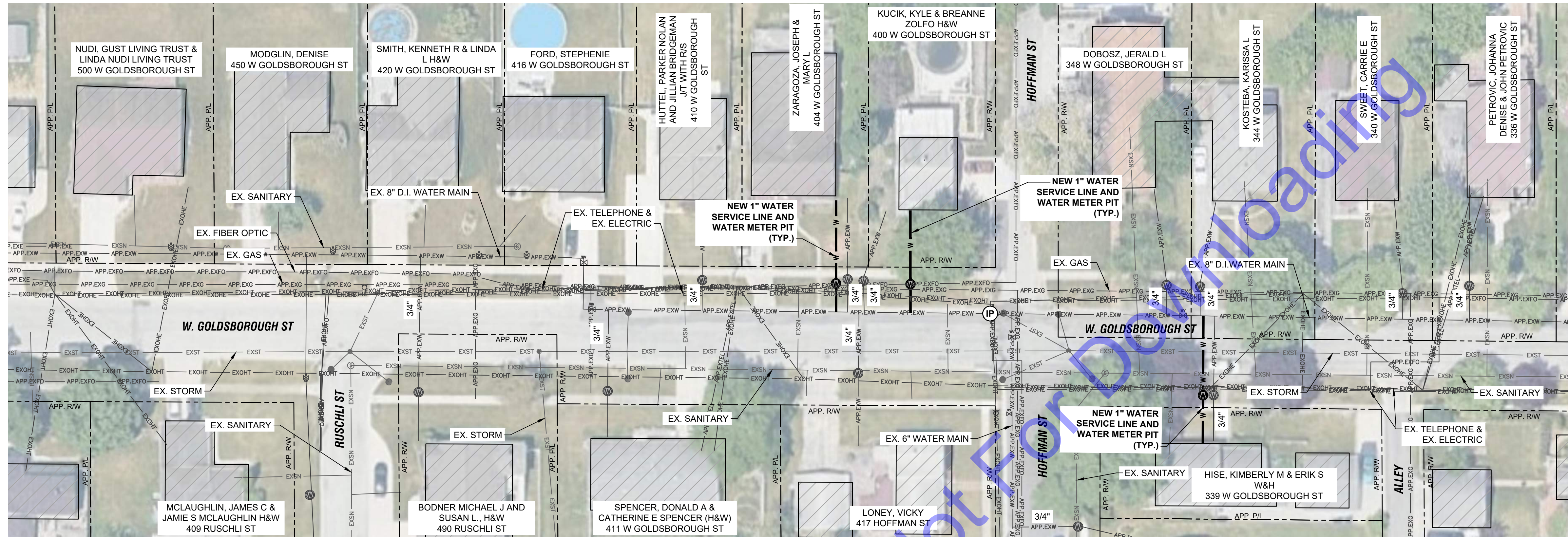
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No.	Submittal/Revision	Date

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

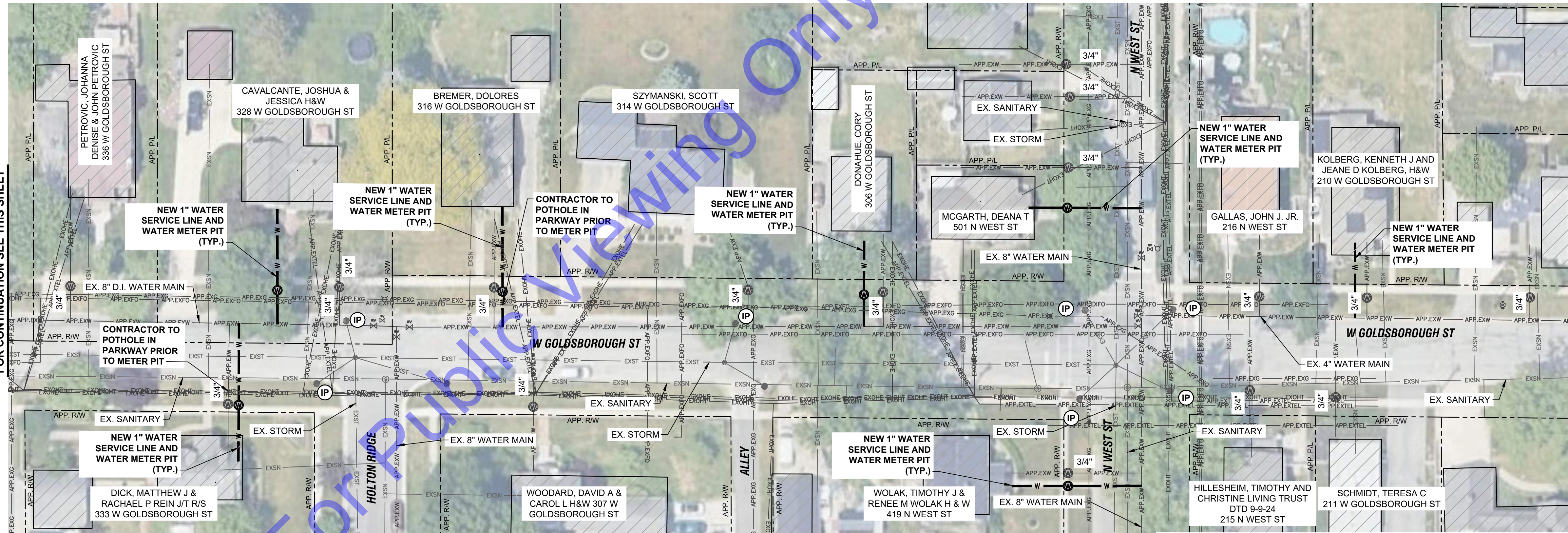
AREA 2 - PLAN VIEWS

Drawing No: C2-1
Sheet: 10 OF 98



PLAN VIEW

SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



GENERAL NOTES:

1. CONTRACTOR TO AVOID AND PROTECT ANY EXISTING STORM MANHOLES, SEWER, OR CULVERTS. IF DISTURBED OR DAMAGED, CONTRACTOR TO REPLACE TO A CONDITION EQUAL TO OR BETTER THAN EXISTING.
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FOR CONTINUATION SEE THIS SHEET

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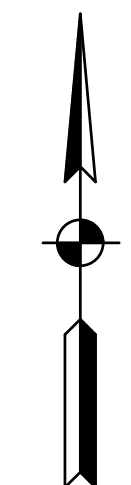
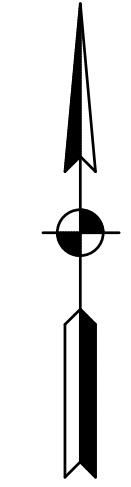
EROSION CONTROL LEGEND:

IP INLET PROTECTION

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO INLET PROTECTION, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
2. SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA

LEAD SERVICE LINE REPLACEMENTS

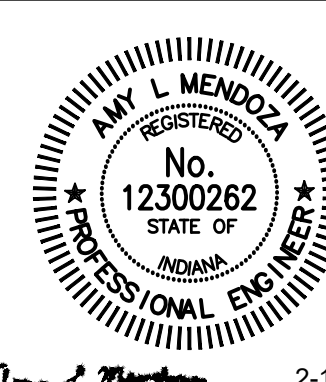
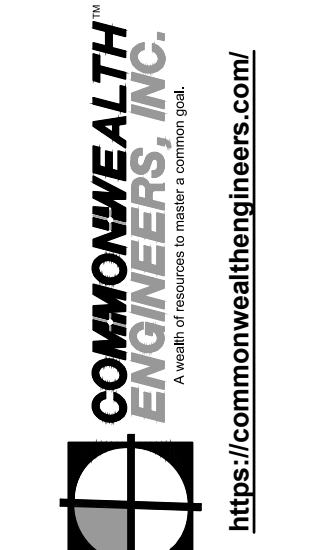
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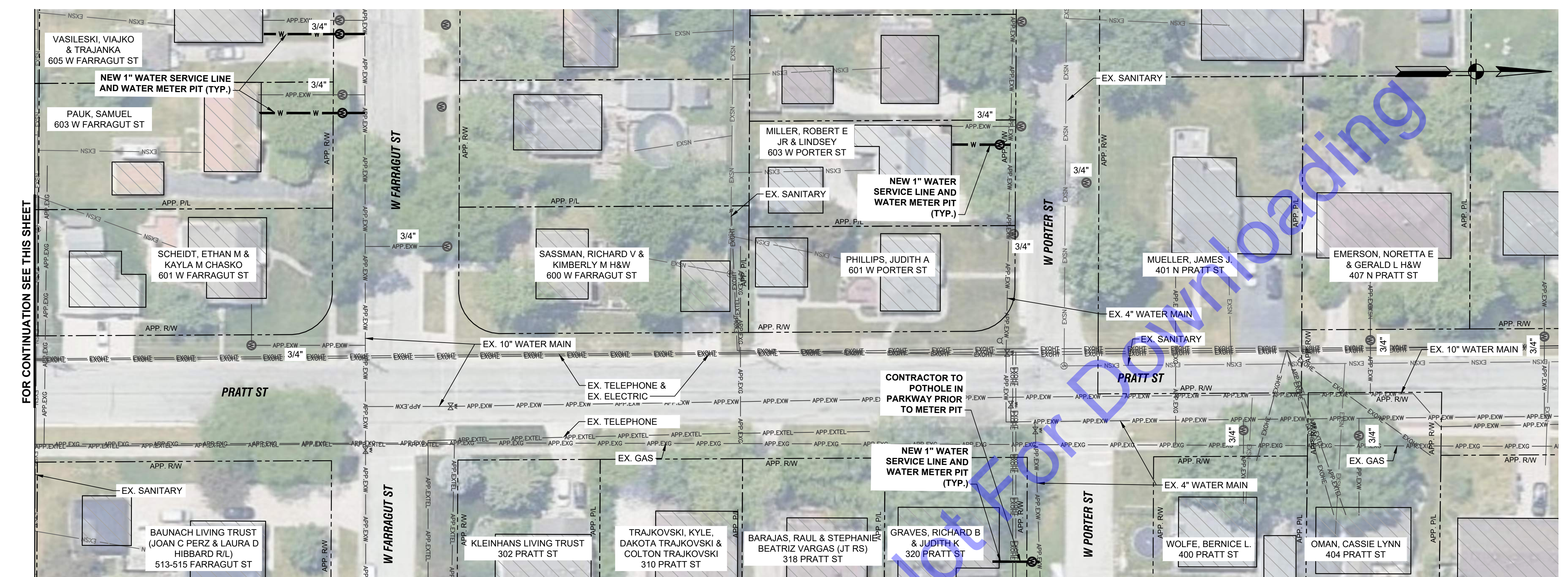
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Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

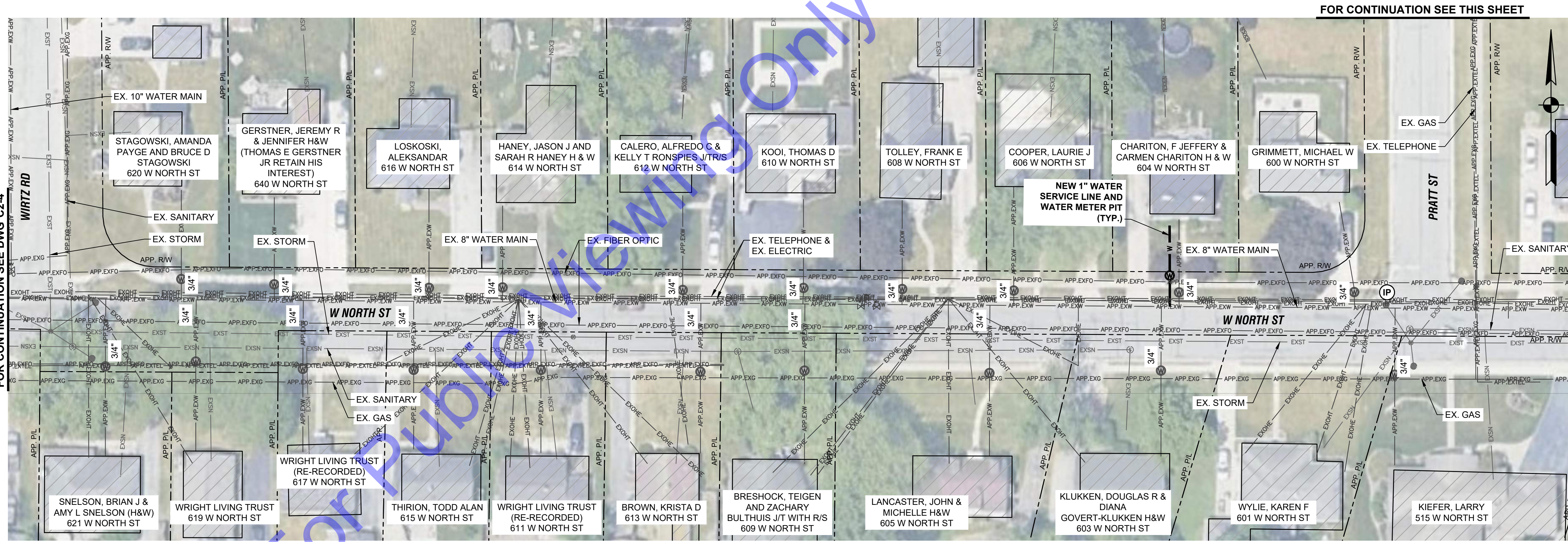
AREA 2 - PLAN VIEWS



Signature: *Amy L. Mendoza* Date: 2-12-25



PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'



PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'

EROSION CONTROL LEGEND:
(IP) INLET PROTECTION

EROSION CONTROL NOTES:

- CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO INLET PROTECTION, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

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CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE
REPLACEMENTS



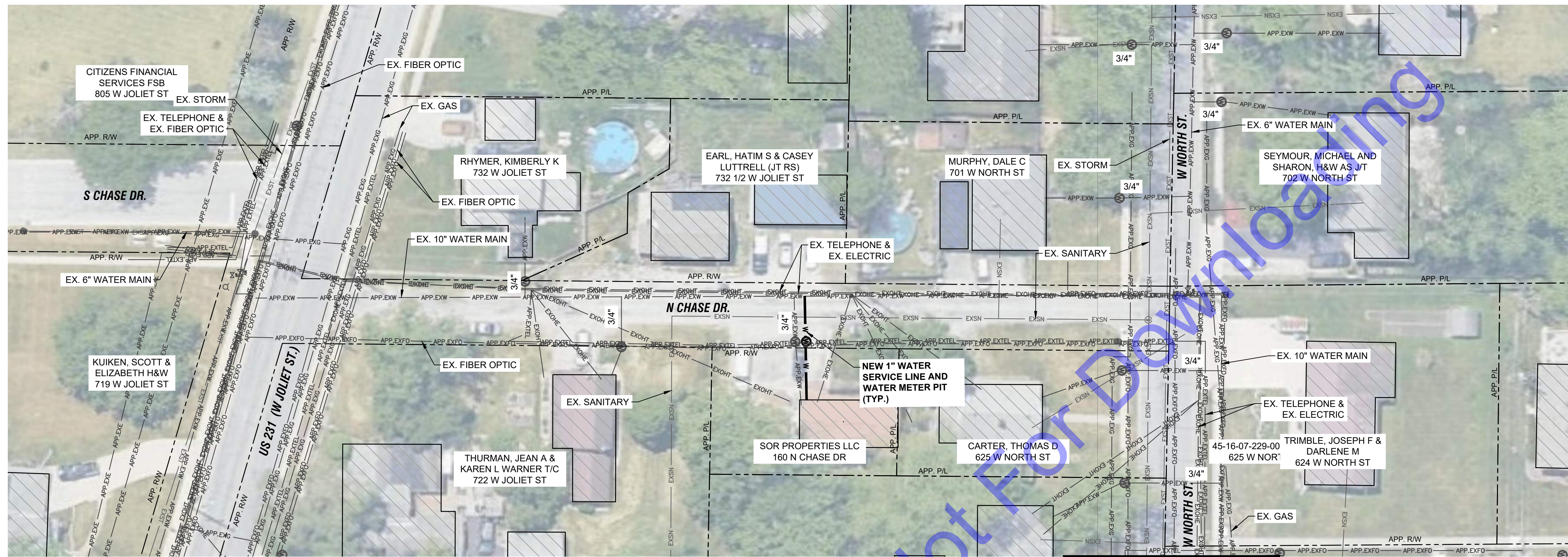
No.	Submission/Revision

Designed By: ALM
Drawn By: KG/JL
Checked By: JW
Issue Date: 2-18-25
Project No: W24107
Scale: AS SHOWN

AREA 2 - PLAN VIEWS

Drawing No: C2-3
Sheet: 12 OF 98

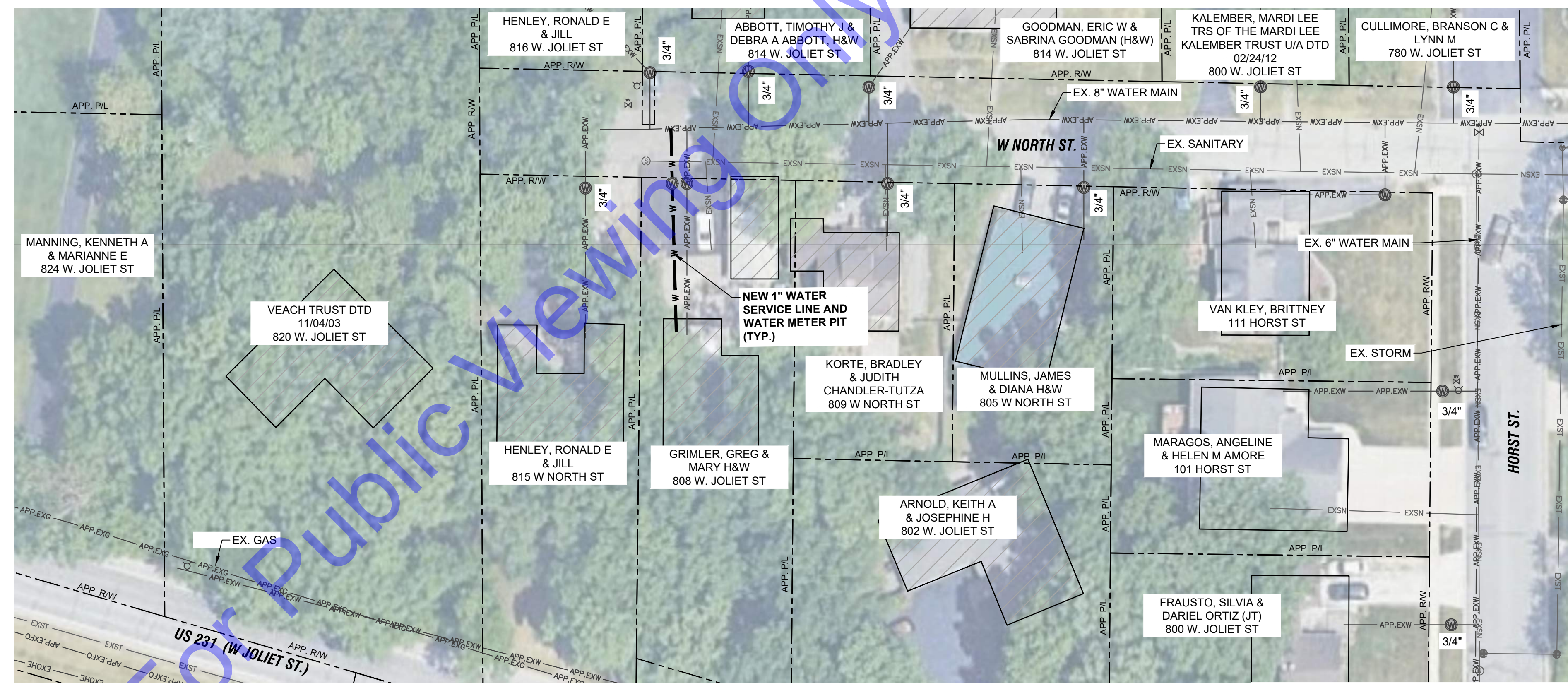
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PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

FOR CONTINUATION SEE DWG C2-3



PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

GENERAL NOTES:

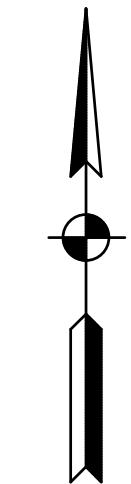
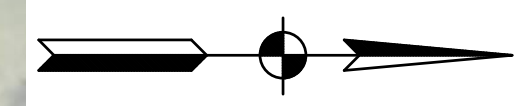
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EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.



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AMY L. MENDOZA
 REGISTERED PROFESSIONAL ENGINEER
 No. 12300262
 STATE OF INDIANA

Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE REPLACEMENTS

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No.	Submittal/Revision	Date	By

Designed By: ALM Drawn By: KG/JL Checked By: JW
 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 2 - PLAN VIEWS

Drawing No: **C2-4**
 Sheet: 13 OF 98

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Date	By	Revision

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 2 - PLAN VIEW

EROSION CONTROL LEGEND:
Ⓢ INLET PROTECTION

EROSION CONTROL NOTES:

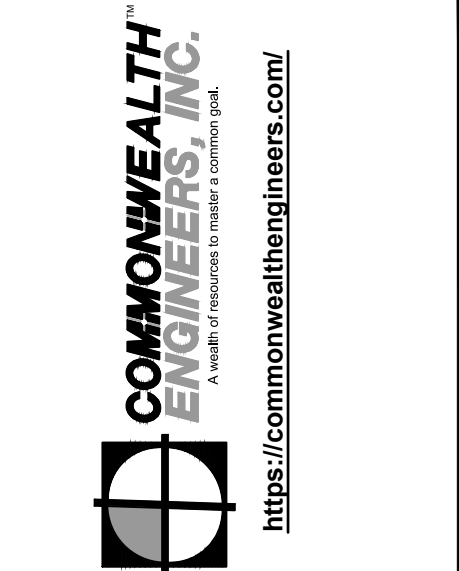
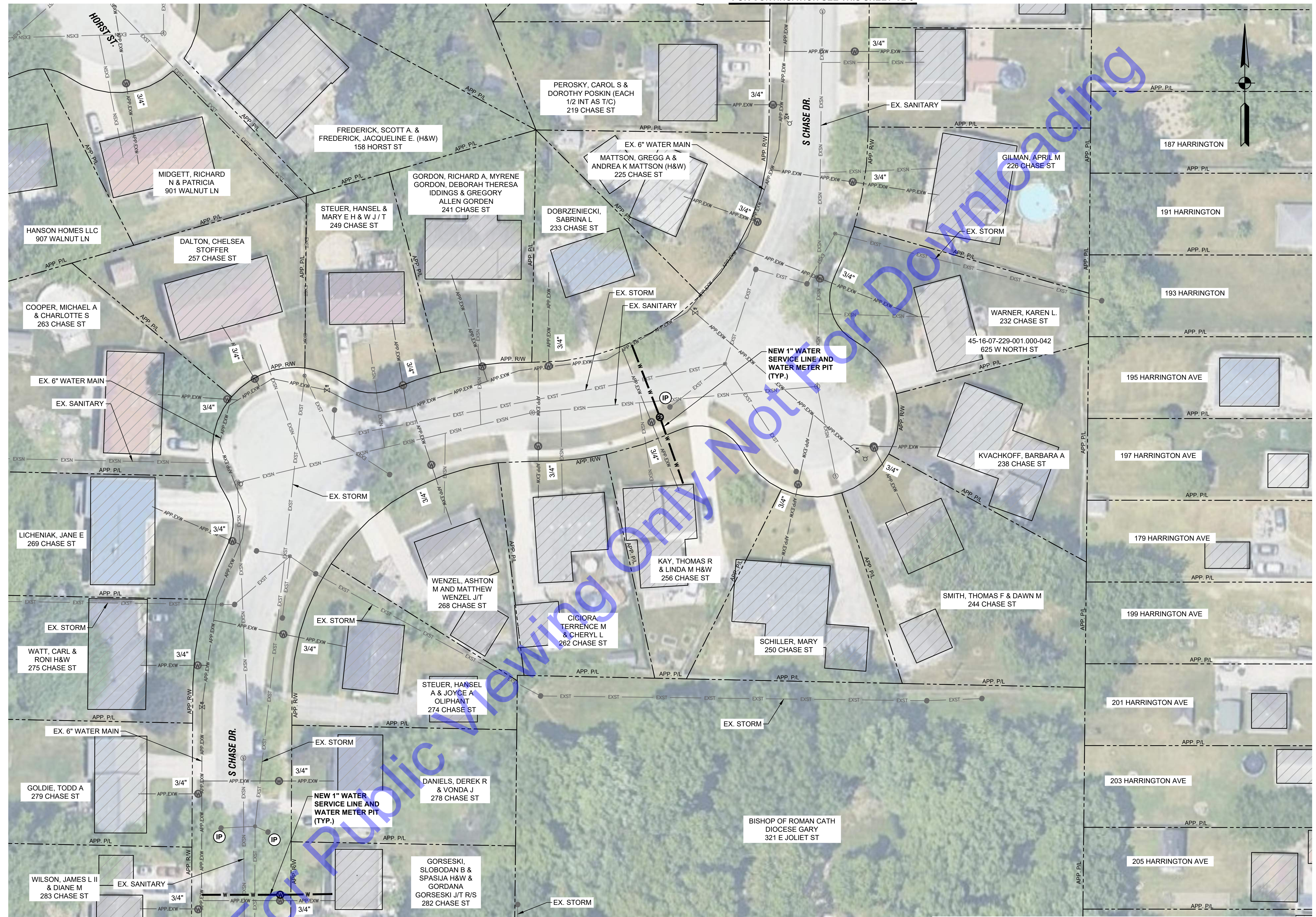
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PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'

FOR CONTINUATION SEE THIS SHEET C2-6

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FOR CONTINUATION SEE THIS SHEET C2-5



Professional Engineer Seal for Amy L. Mendoza, No. 12300262, State of Indiana. Signature: Amy L. Mendoza, Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE
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No.	Submittal / Revision	Date

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 2 - PLAN VIEW

Drawing No:
C2-6
Sheet: 15 OF 98

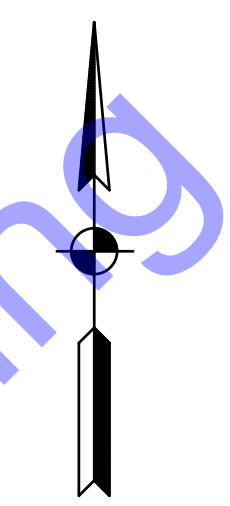
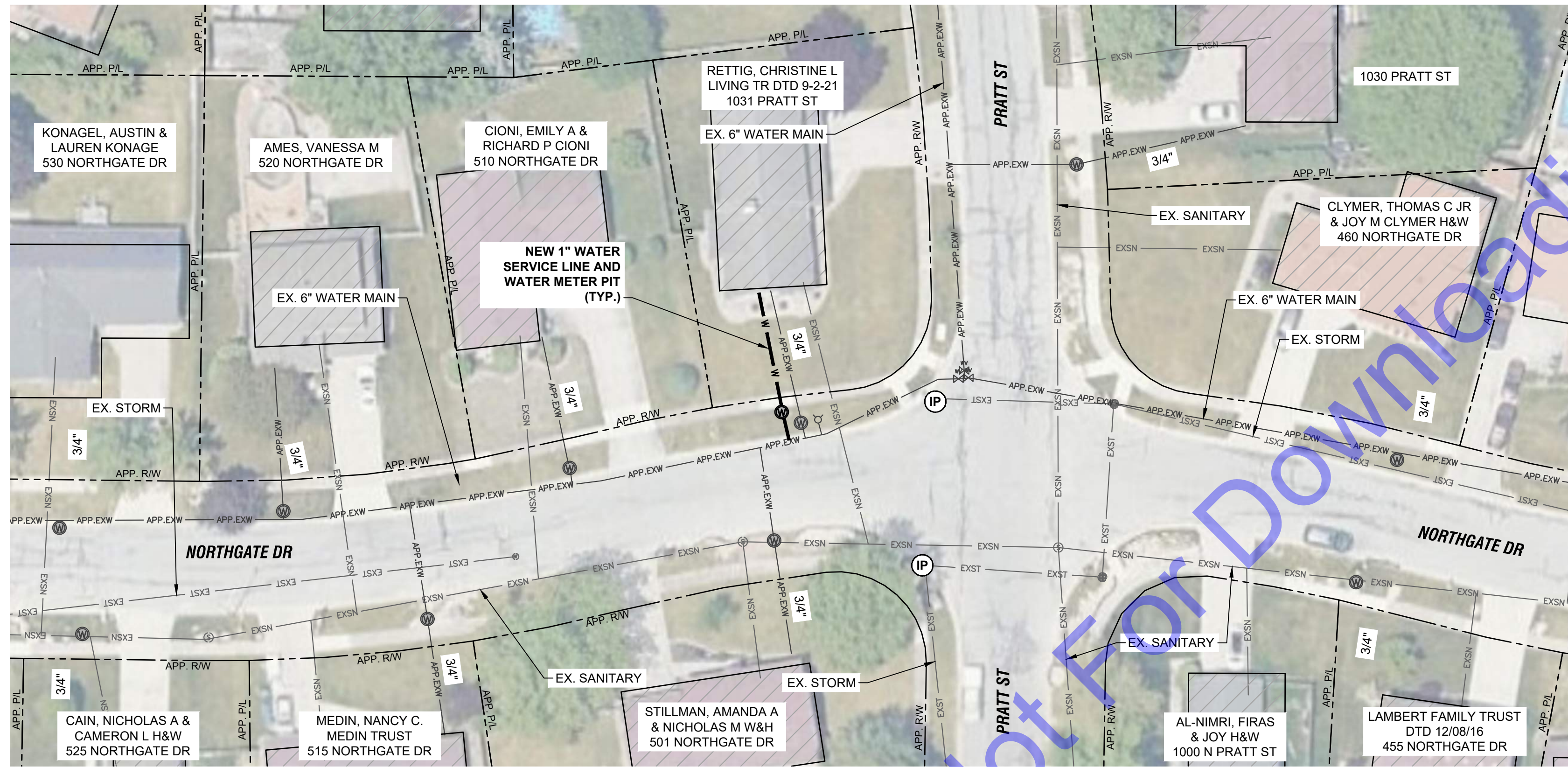
EROSION CONTROL LEGEND:
IP INLET PROTECTION

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PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'

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PLAN VIEW

SCALE: 1"=30'-0"



EROSION CONTROL LEGEND:

- (IP) INLET PROTECTION

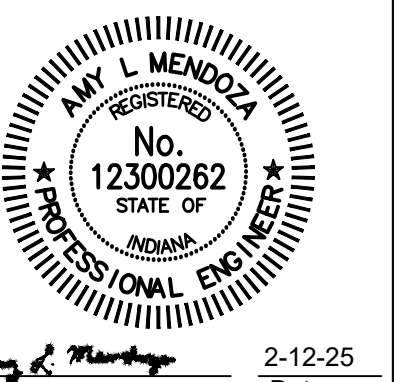
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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
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Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 2 - PLAN VIEWS

Drawing No: **C2-7**
Sheet: 16 OF 98

FILE: Z:\SHARED\CLIENTS_4\LCROWN POINT\W0407 2024\2024 18 PROJECTS\CAD\CURRENT FILES\DRAININGS\03-PLAN VIEW\AREA 2.DWG
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PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

PRIVATE UTILITIES IN THIS NEIGHBORHOOD, CONTRACTOR TO COORDINATE WITH PROPERTY AGENCY AND OBTAIN NECESSARY PERMISSION PRIOR TO CONSTRUCTION IN THIS AREA

EROSION CONTROL LEGEND:

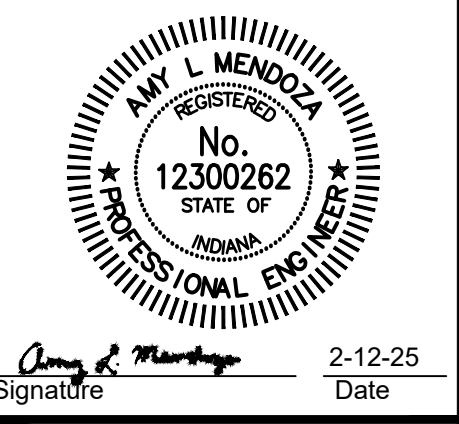
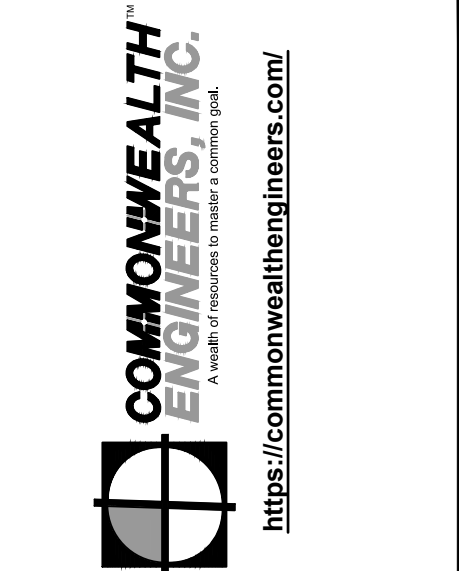
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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE REPLACEMENTS

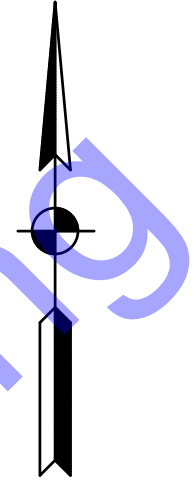
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By	
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Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

AREA 2 - PLAN VIEW

Drawing No:
C2-8
 Sheet: 17 OF 98

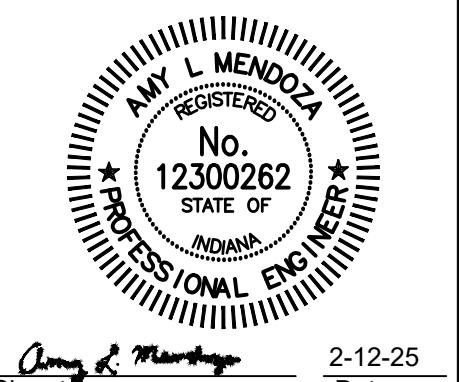
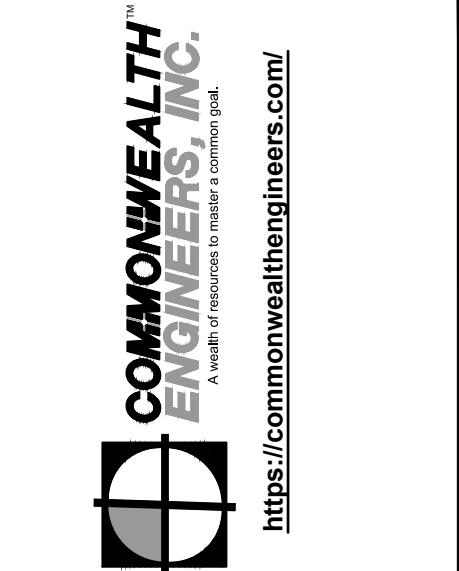
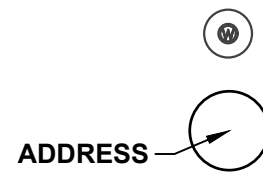


PLAN VIEW

SCALE: 1"=300'-0"
 0 300 600

LEGEND

LEAD SERVICE REPLACEMENT LOCATIONS
 CONTRACTOR TO POTHOLE WITHIN RIGHT-OF-WAY
 AND/OR UTILITY EASEMENT TO IDENTIFY MATERIAL
 OF SERVICE LINE AND PROVIDE TO ENGINEER.



Amy L. Mendoza 2-12-25
 Signature Date

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
 REPLACEMENTS

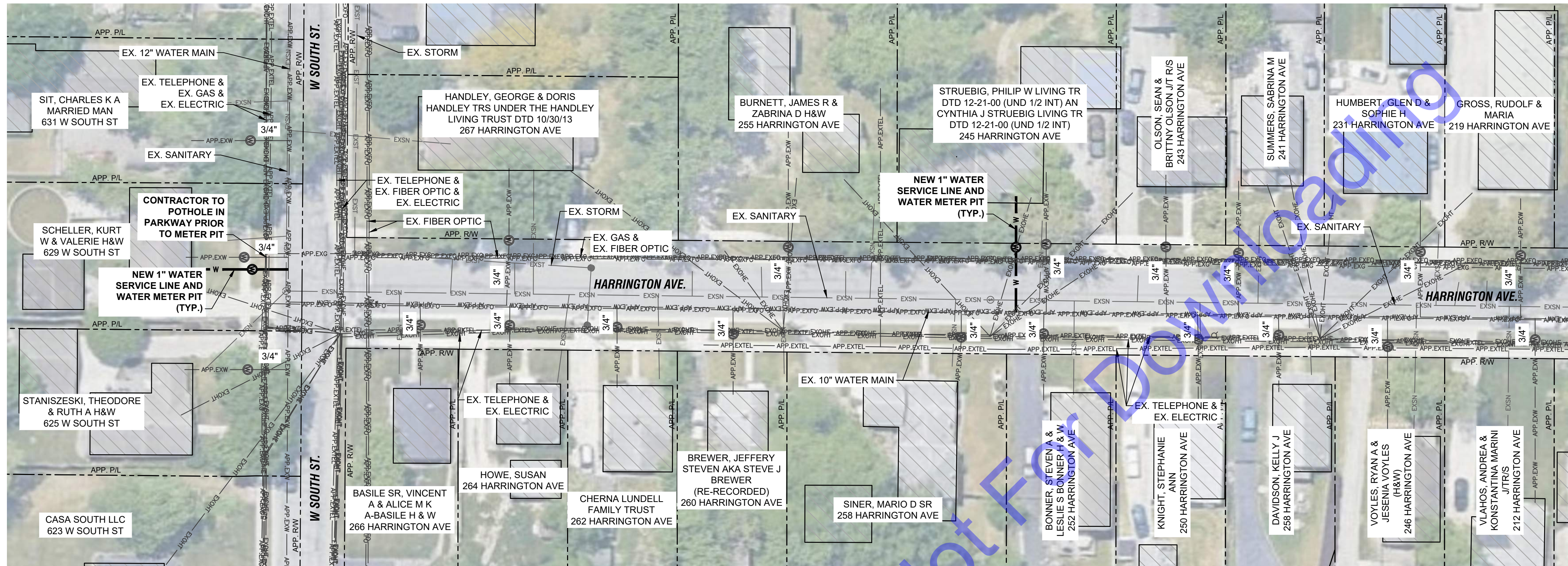


No.	Submittal / Revision	By	Date

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

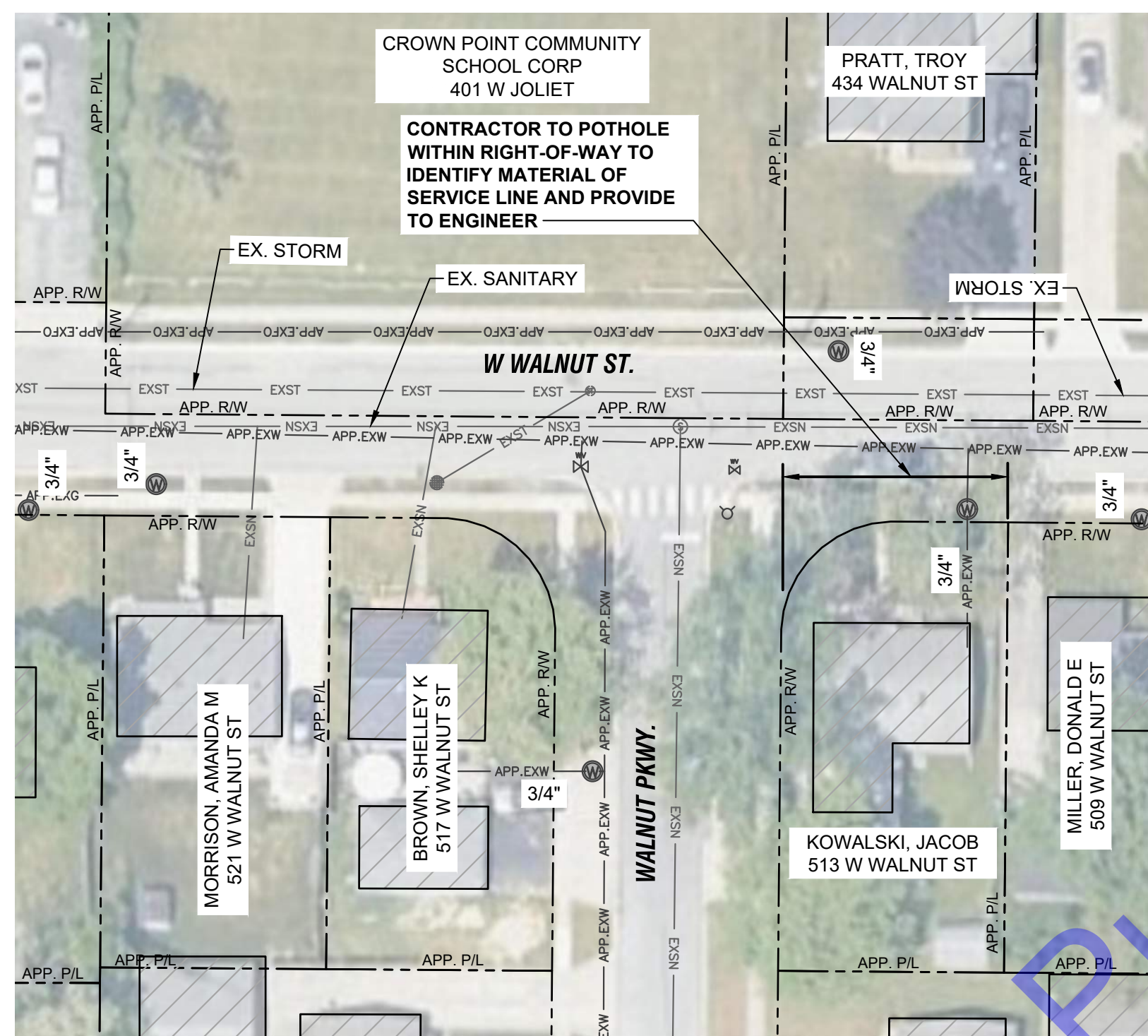
AREA 3 - DRAWING INDEX

Drawing No:
C3-0
 Sheet: 18 OF 98



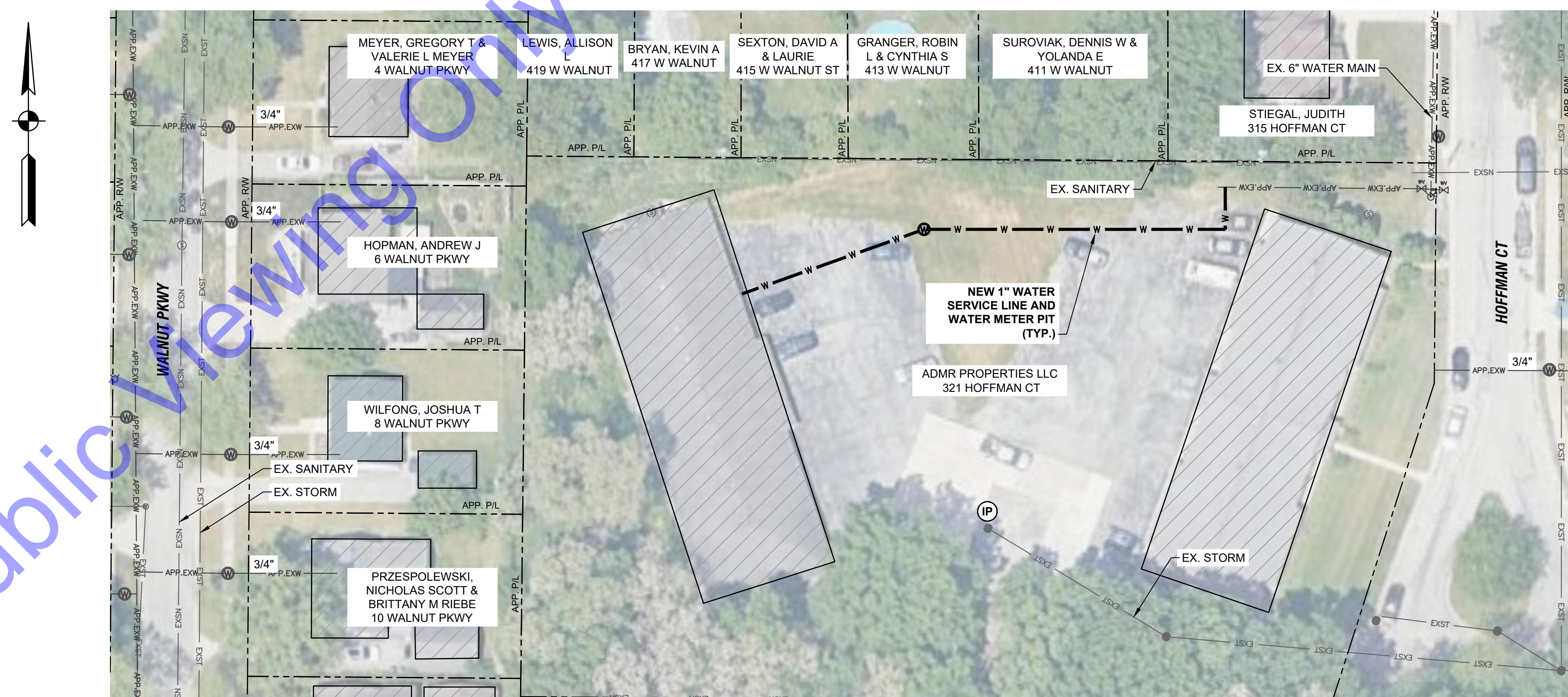
PLAN VIEW

SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



GENERAL NOTES:

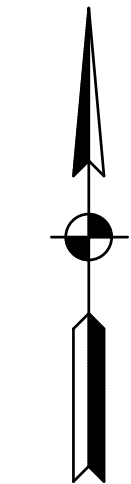
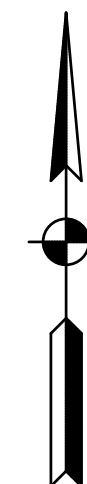
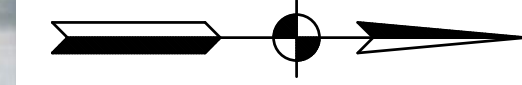
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EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

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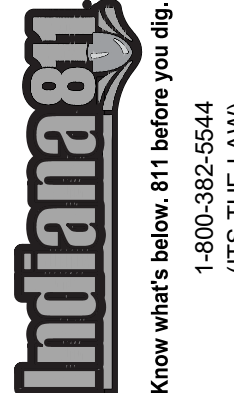
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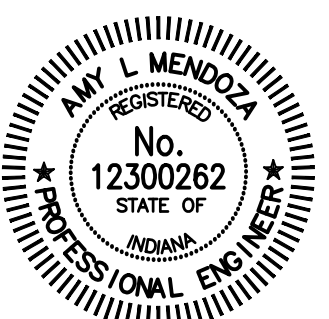
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Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

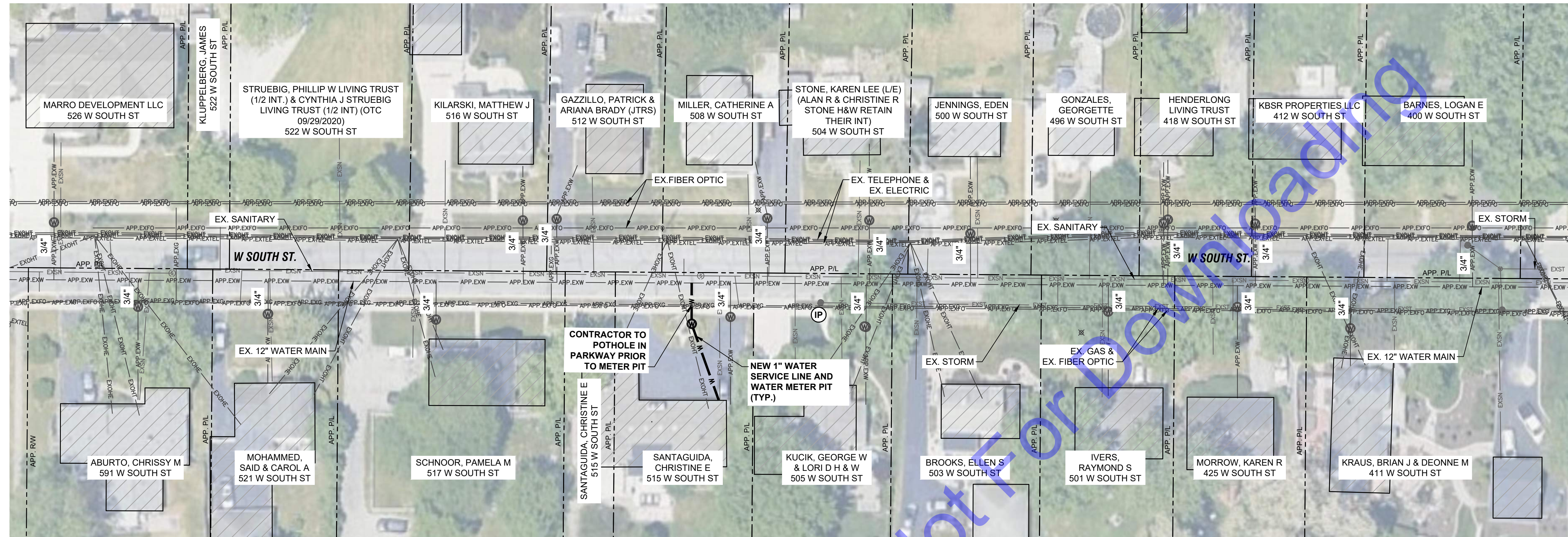
AREA 3 - PLAN VIEWS

Drawing No:
C3-1
 Sheet: 19 OF 98

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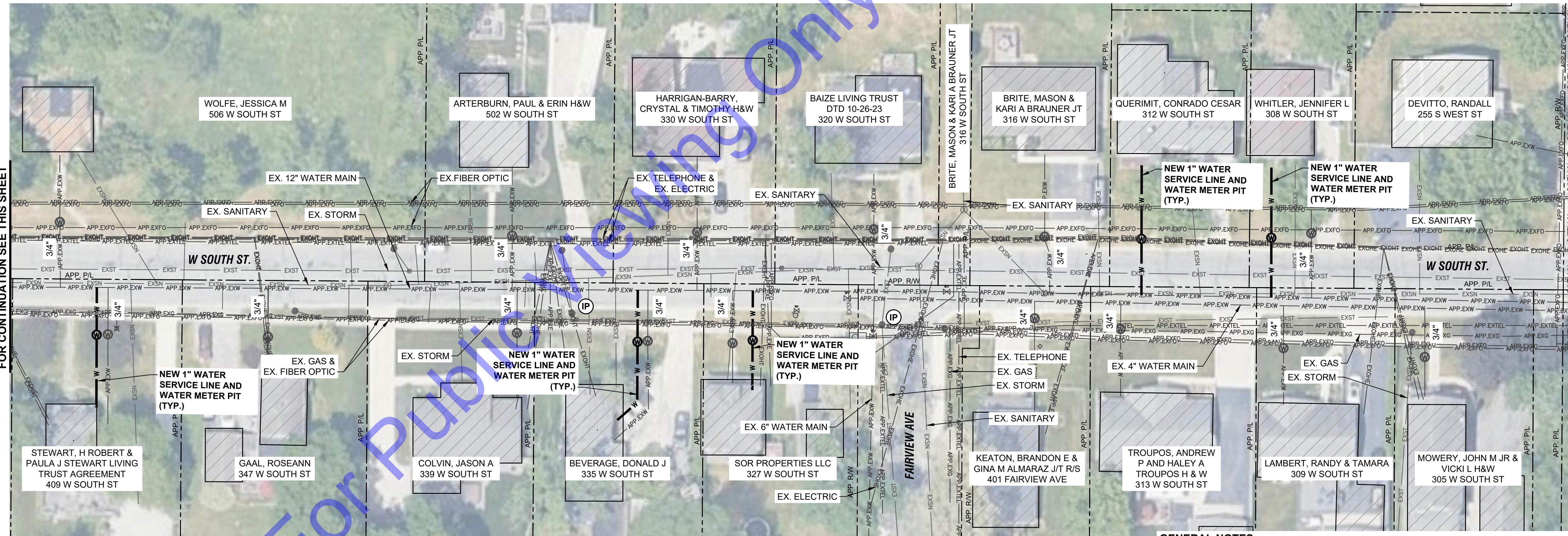
Signature: *Amy L. Mendoza* Date: 2-12-25



PLAN VIEW

SCALE: 1"=30'-0"
 0 30 60

FOR CONTINUATION SEE THIS SHEET



PLAN VIEW

SCALE: 1"=30'-0"
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CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
 REPLACEMENTS

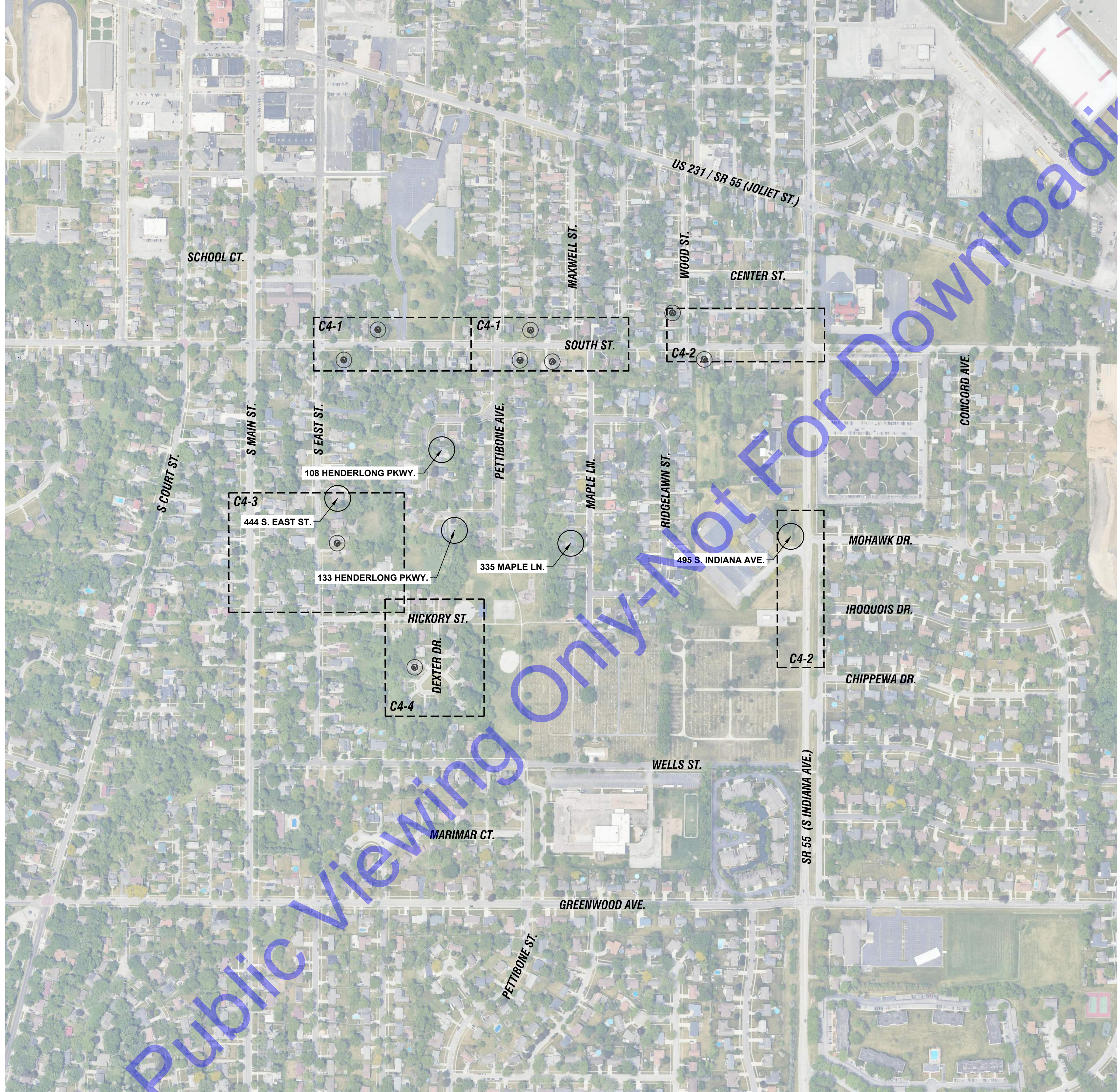
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Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

AREA 3 - PLAN VIEWS

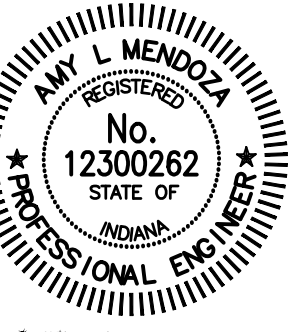
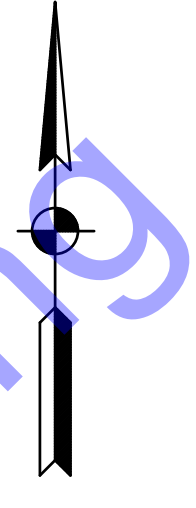
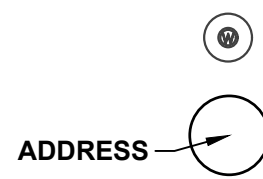
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PLAN VIEW
 SCALE: 1"=300'-0"

LEGEND

LEAD SERVICE REPLACEMENT LOCATIONS
 CONTRACTOR TO POTHOLE WITHIN RIGHT-OF-WAY
 AND/OR UTILITY EASEMENT TO IDENTIFY MATERIAL
 OF SERVICE LINE AND PROVIDE TO ENGINEER.



Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
 REPLACEMENTS

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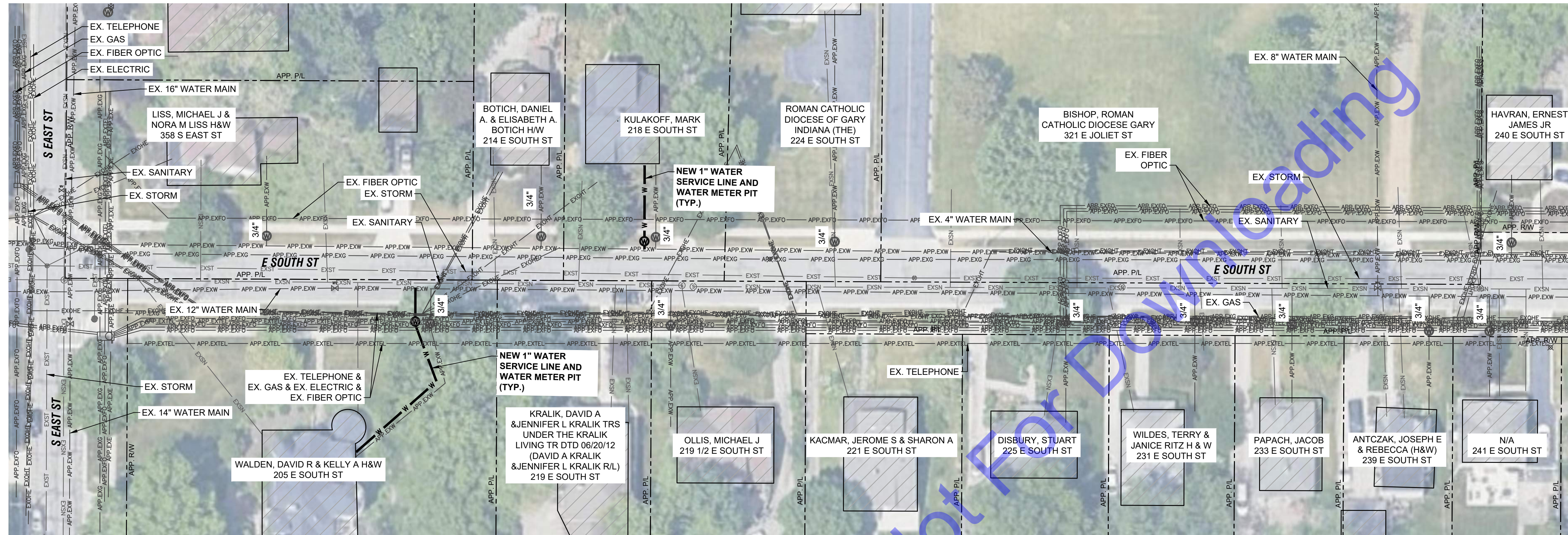
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No.	Submittal / Revision	Date	By

Designed By: ALM Drawn By: KG/JL Checked By: JW
 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

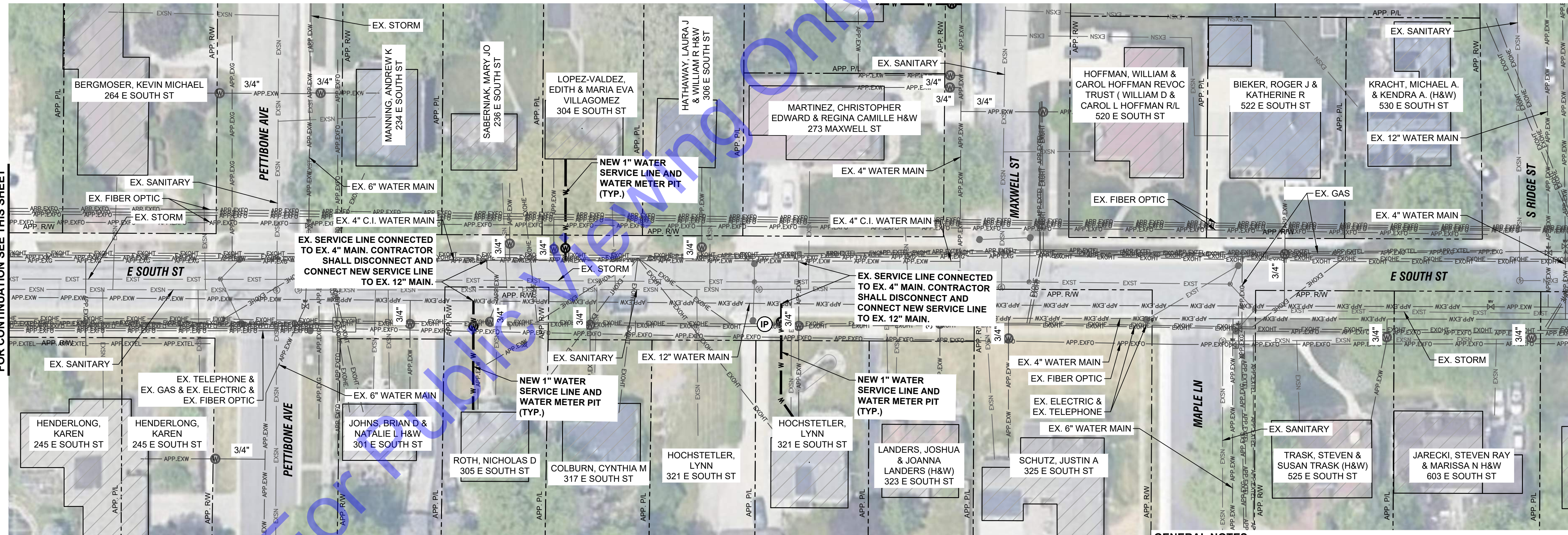
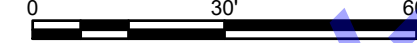
AREA 4 - DRAWING INDEX

Drawing No:
C4-0
 Sheet: 21 OF 98



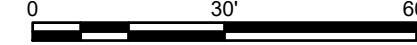
PLAN VIEW

SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



GENERAL NOTES:

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EROSION CONTROL LEGEND:

IP INLET PROTECTION

EROSION CONTROL NOTES:

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2. SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

FOR CONTINUATION SEE THIS SHEET

FOR CONTINUATION SEE THIS SHEET

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AMY L. MENDOZA
REGISTERED PROFESSIONAL ENGINEER
No. 12300262
STATE OF INDIANA

Signature: _____ Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA

LEAD SERVICE LINE REPLACEMENTS

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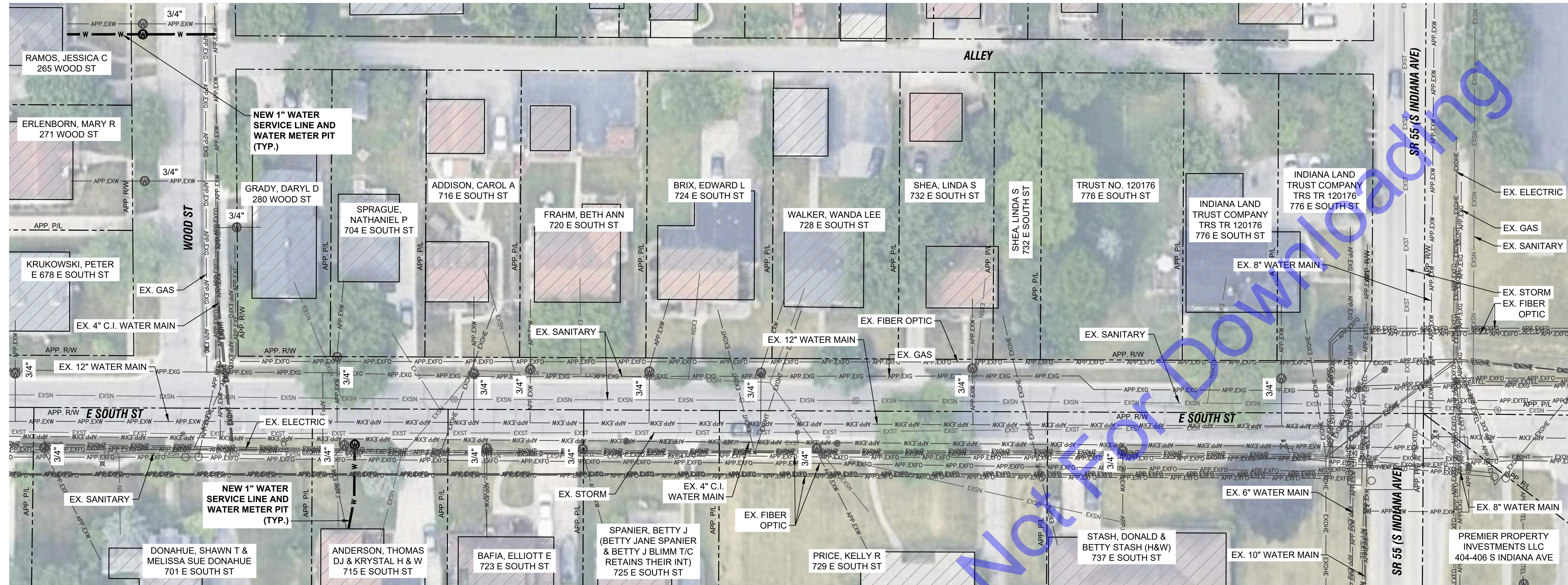
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By	
No. Submittal/Revision	

Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

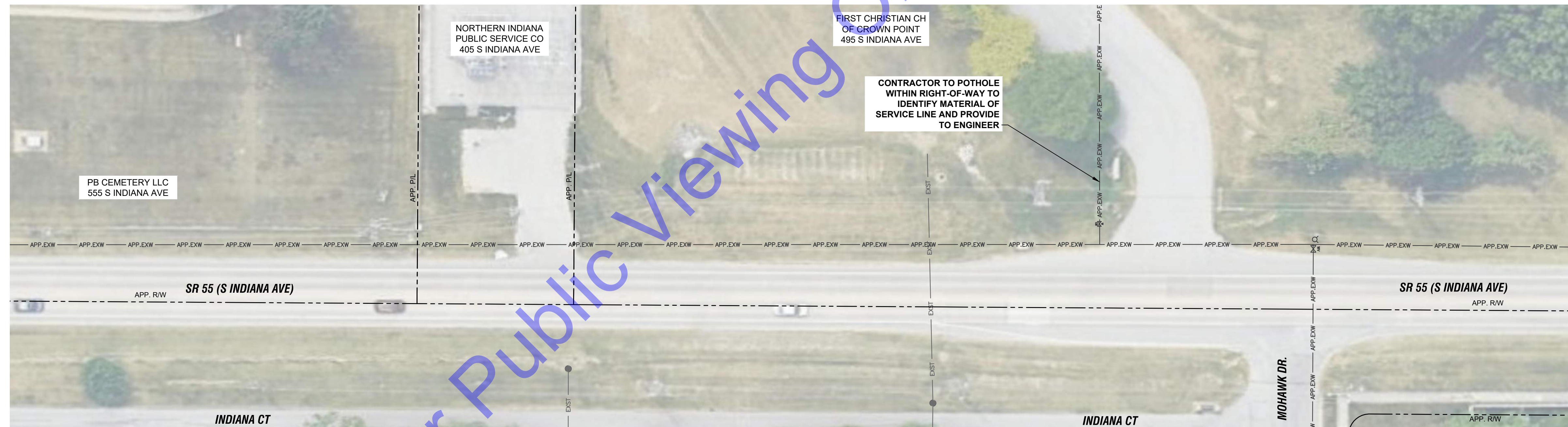
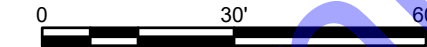
AREA 4 - PLAN VIEWS

Drawing No: **C4-1**
Sheet: 22 OF 98



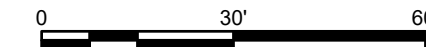
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SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



EROSION CONTROL LEGEND:

IP INLET PROTECTION

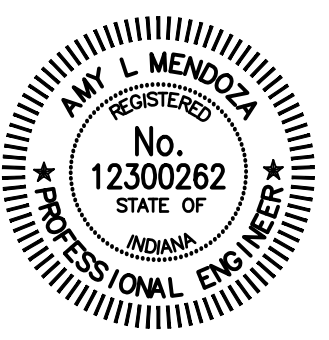
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Signature: Amy L. Mendoza Date: 2-12-25

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LAKE COUNTY, INDIANA
LEAD SERVICE LINE
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Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 4 - PLAN VIEWS

Drawing No: **C4-2**
Sheet: 23 OF 98



EROSION CONTROL LEGEND:

IP INLET PROTECTION

EROSION CONTROL NOTES:

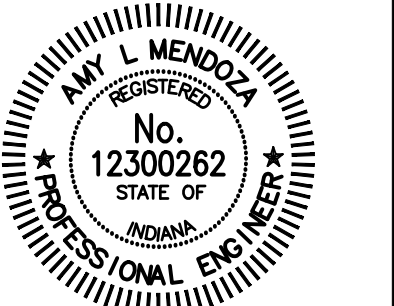
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PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
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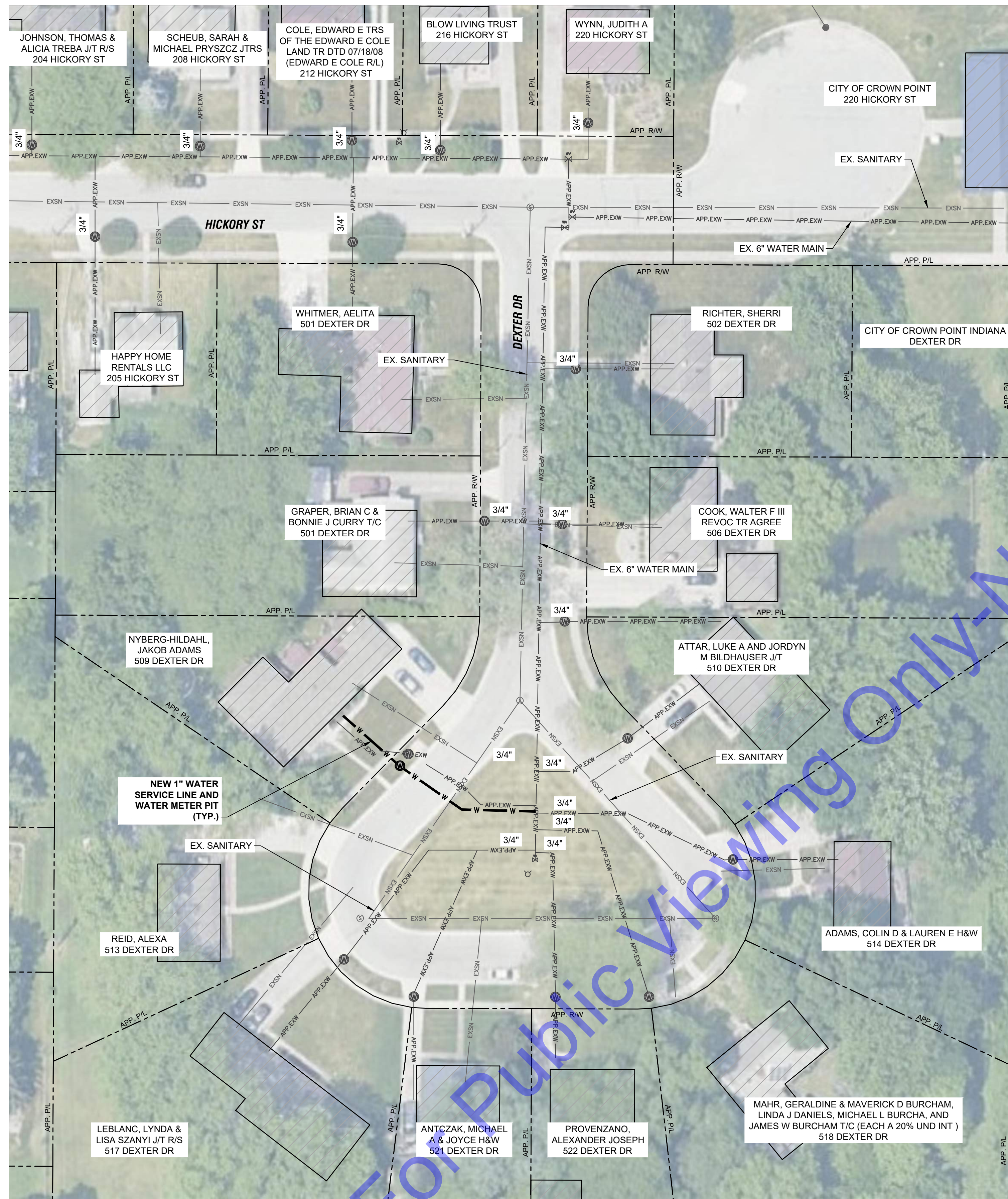
No.	Submission / Revision	Date	By

Designed By: ALM Drawn By: KG/JL Checked By: JW
 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 4 - PLAN VIEW

Drawing No:
C4-3
 Sheet: 24 OF 98

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PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'

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GENERAL NOTES:

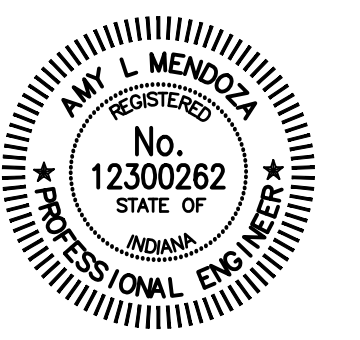
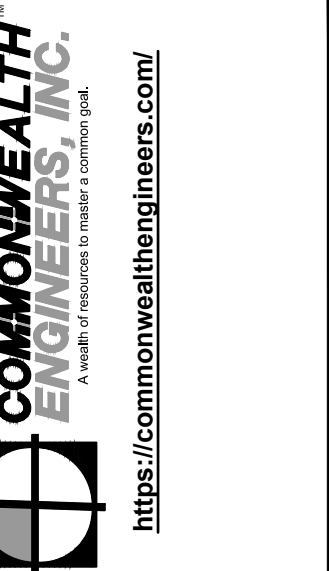
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EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

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- 2. SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.



Signature: Amy L. Mendoza Date: 2-12-25

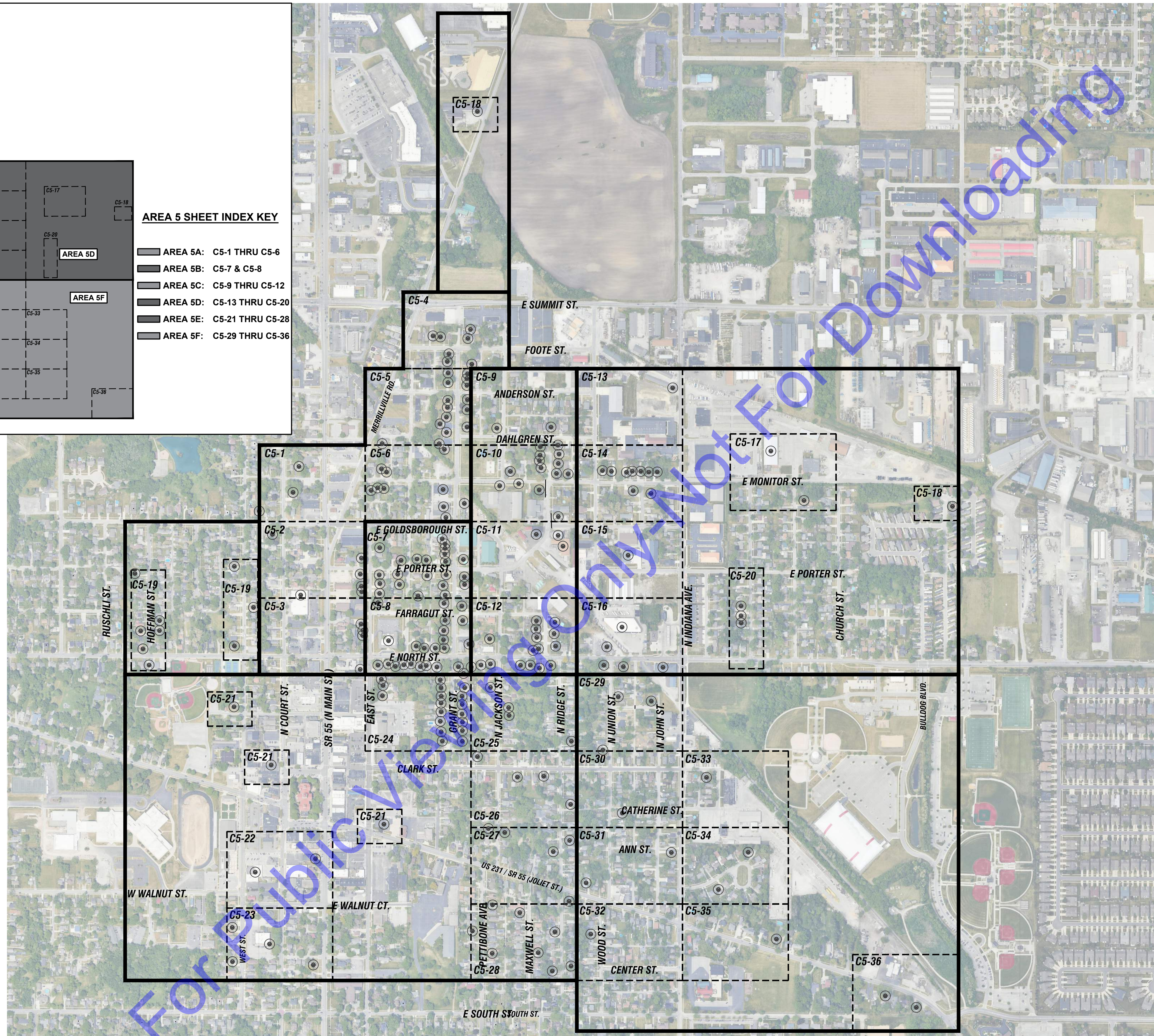
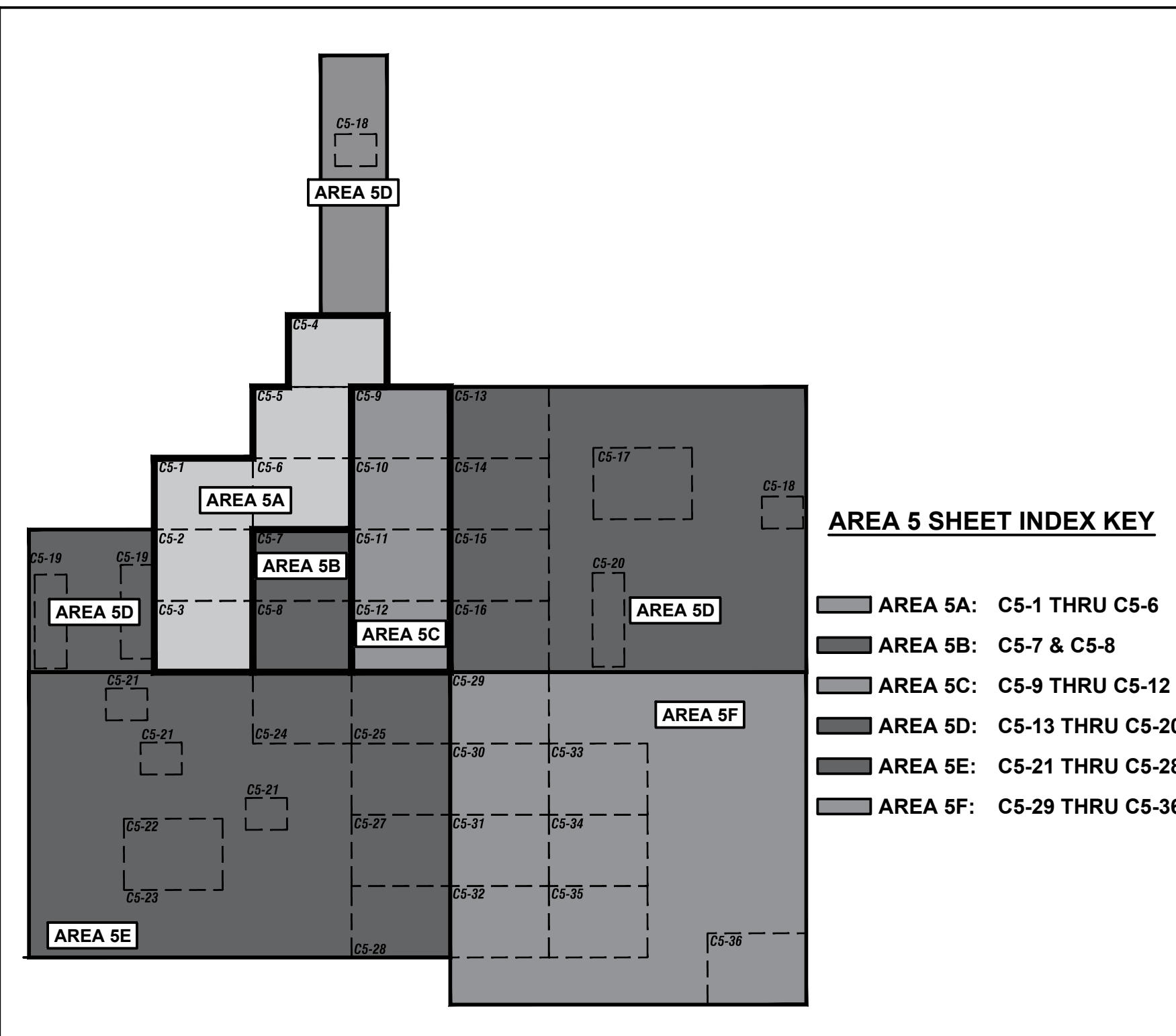
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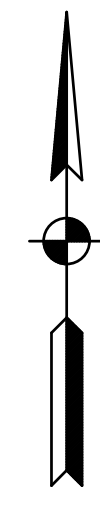
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Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 4 - PLAN VIEWS



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PROFESSIONAL ENGINEER
No. 12300262
STATE OF INDIANA
Signature: Amy L. Mendoza Date: 2-12-25

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Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 5A - DRAWING INDEX

Drawing No:
C5-0
Sheet: 26 OF 98

LEGEND
LEAD SERVICE REPLACEMENT LOCATIONS



FOR CONTINUATION SEE DWG C5-6



EROSION CONTROL LEGEND:

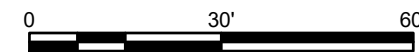
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2. SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

PLAN VIEW

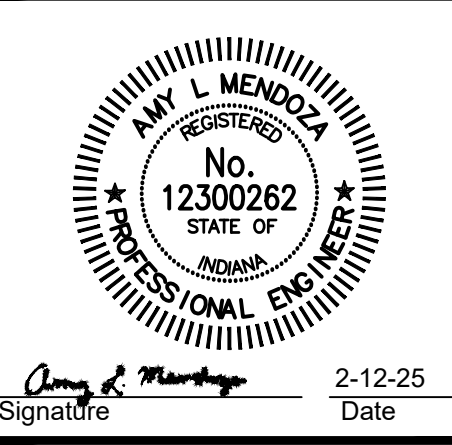
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FOR CONTINUATION SEE DWG C5-2

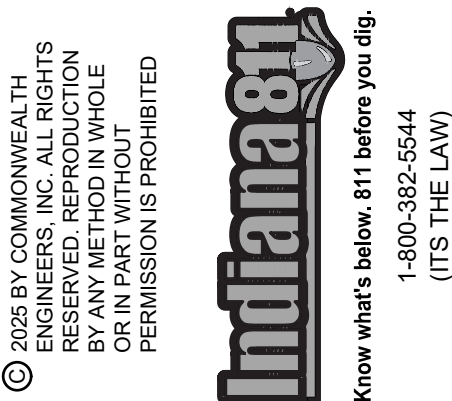
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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
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AREA 5A - PLAN VIEW

Drawing No:
C5-1
 Sheet: 27 OF 98

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FOR CONTINUATION SEE DWG C5-19

FOR CONTINUATION SEE DWG C5-1

FOR CONTINUATION SEE DWG C5-3

FOR CONTINUATION SEE DWG C5-7



EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

EROSION CONTROL NOTES:

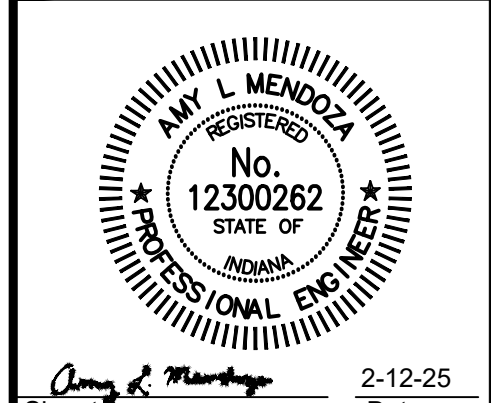
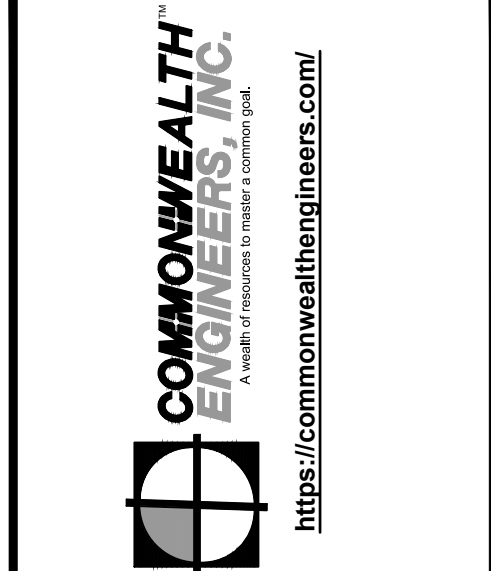
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PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

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CITY OF CROWN POINT
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 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 5A - PLAN VIEW

Drawing No: **C5-2**
 Sheet: 28 OF 98

FOR CONTINUATION SEE DWG C5-2



FOR CONTINUATION SEE DWG C5-19

FOR CONTINUATION SEE DWG C5-8

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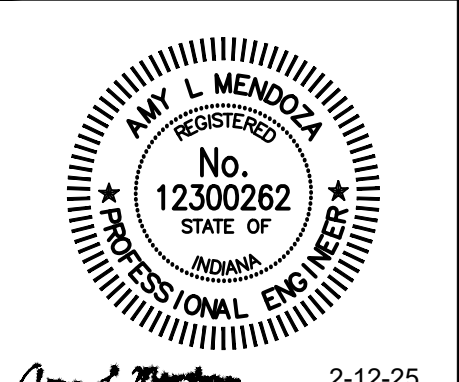
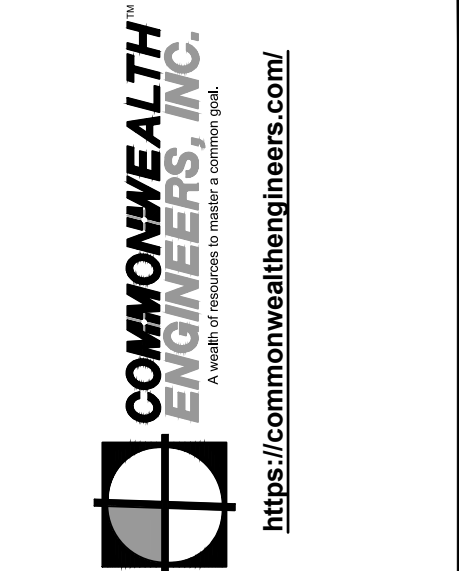
PLAN VIEW

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Signature: Amy L. Mendoza Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE
REPLACEMENTS



No.	Submittal/Revision	Date

Designed By: ALM	Drawn By: KGJL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 5A - PLAN VIEW

Drawing No: C5-3
Sheet: 29 OF 98

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FOR CONTINUATION SEE DWG C5-5 AND C5-9

EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

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PLAN VIEW

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AWY L MENDOZA
 REGISTERED PROFESSIONAL ENGINEER
 No. 12300262
 STATE OF INDIANA
 Signature: *Awy L Mendoza* Date: 2-12-25

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 LAKE COUNTY, INDIANA
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No.	Submittal/Revision	Date	By

Designed By: ALM Drawn By: KG/JL Checked By: JW
 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

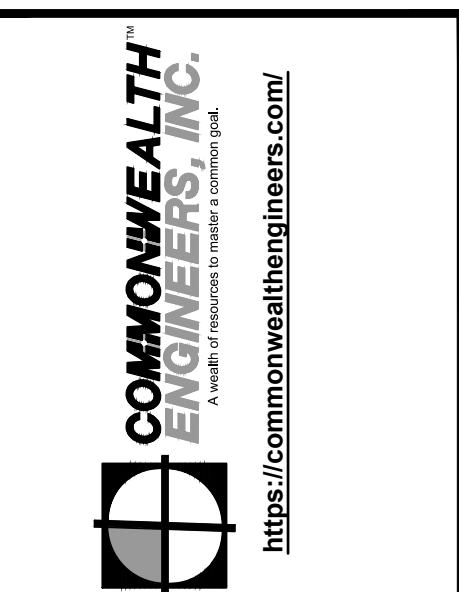
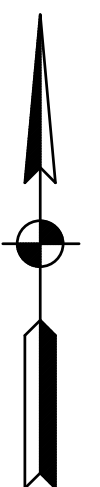
AREA 5A - PLAN VIEW

Drawing No:
C5-4
 Sheet: 30 OF 98

FOR CONTINUATION SEE DWG C5-4



FOR CONTINUATION SEE DWG C5-9



Amy L. Mendota 2-12-25
 Signature Date

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
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Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 5A - PLAN VIEW

Drawing No:
C5-5
 Sheet: 31 OF 98

FOR CONTINUATION SEE DWG C5-6

EROSION CONTROL LEGEND:
 (IP) INLET PROTECTION

EROSION CONTROL NOTES:

- CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO INLET PROTECTION, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

PLAN VIEW
 SCALE: 1"=30'-0"
 0 30' 60'

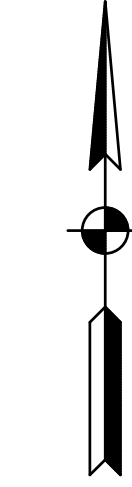
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FOR CONTINUATION SEE DWG C5-5



FOR CONTINUATION SEE DWG C5-7

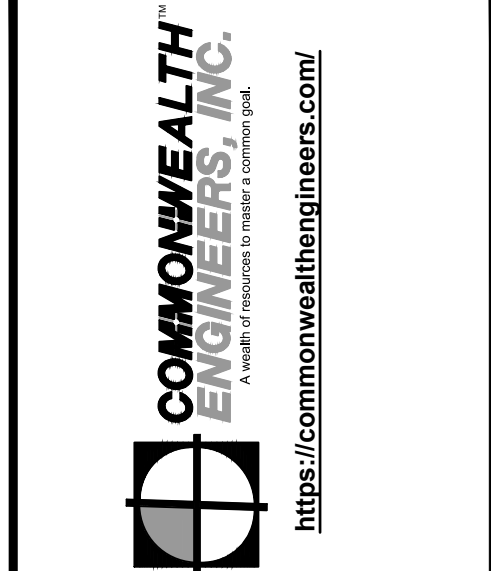
PLAN VIEW
 SCALE: 1"=30'-0"
 0 30' 60'

EROSION CONTROL LEGEND:
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2. SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

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REGISTERED PROFESSIONAL ENGINEER
 No. 12300262
 STATE OF INDIANA
 Signature: *Amy L. Mendoza* Date: 2-12-25

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 LAKE COUNTY, INDIANA
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 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 5A - PLAN VIEW
 Drawing No: **C5-6**
 Sheet: 32 OF 98

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EROSION CONTROL LEGEND:
 (IP) INLET PROTECTION

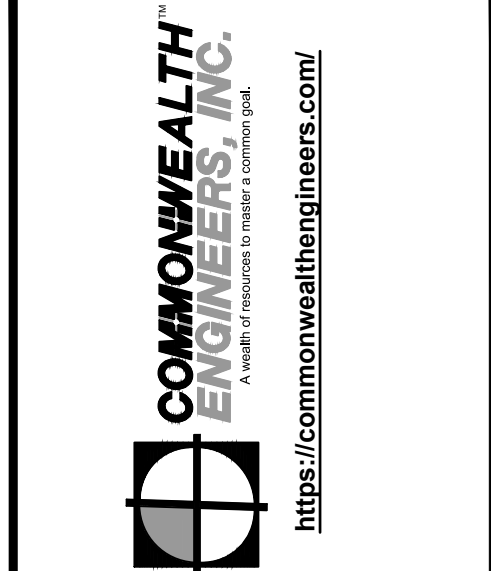
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PLAN VIEW
 SCALE: 1"=30'-0"
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AWAY L. MENDOZA
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 No. 12300262
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CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE REPLACEMENTS

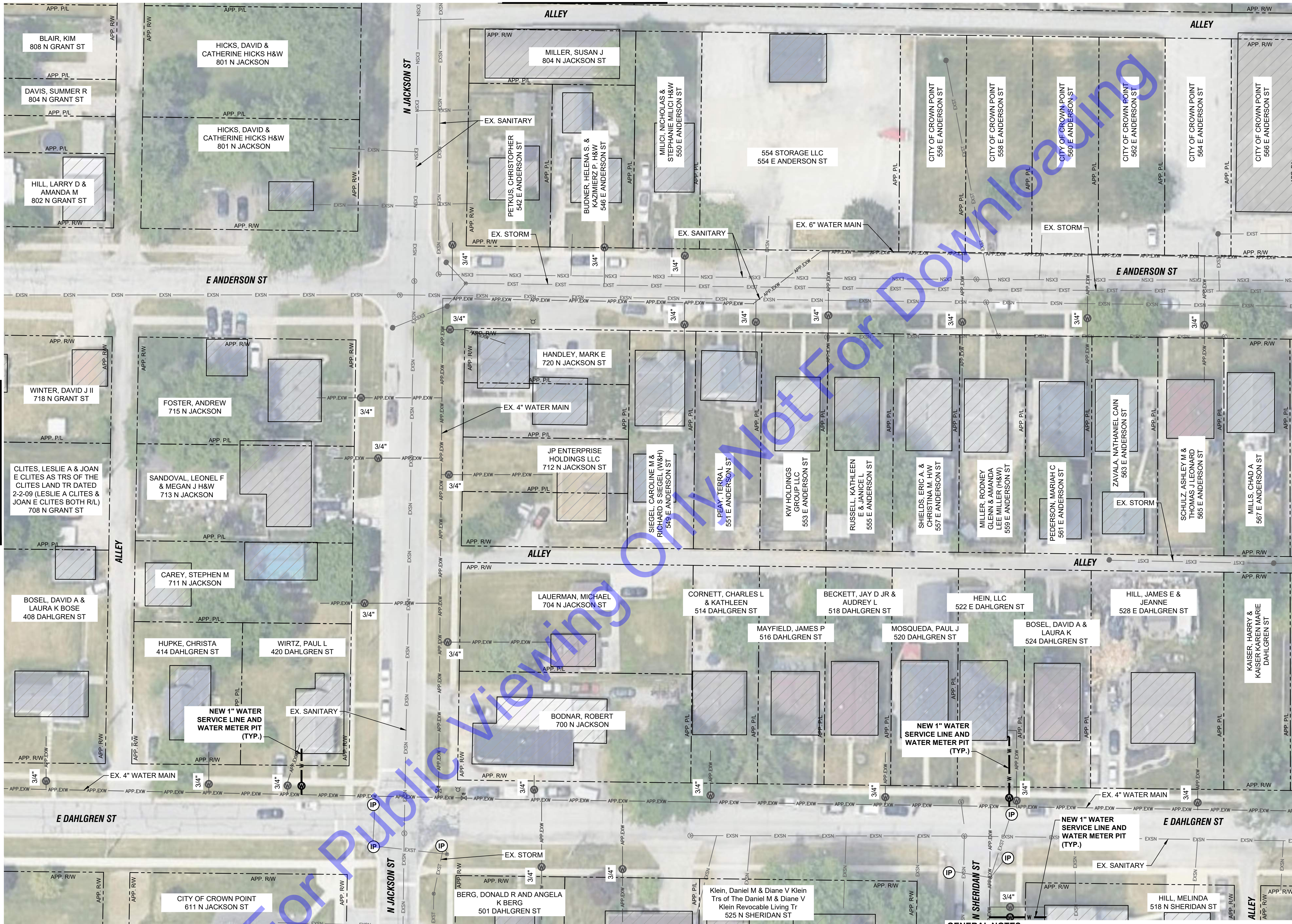
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 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 5B - PLAN VIEW
 Drawing No: **C5-8**
 Sheet: 34 OF 98

FOR CONTINUATION SEE DWG C5-4



FOR CONTINUATION SEE DWG C5-13

FOR CONTINUATION SEE DWG C5-5

FOR CONTINUATION SEE DWG C5-10

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EROSION CONTROL LEGEND:

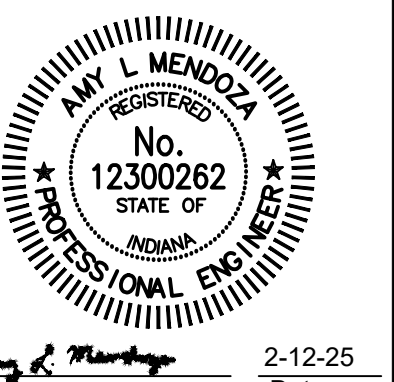
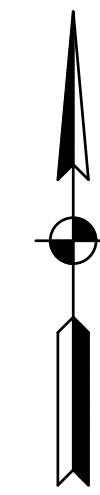
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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'



Signature: Amy L. Mendoza Date: 2-12-25

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LAKE COUNTY, INDIANA
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Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

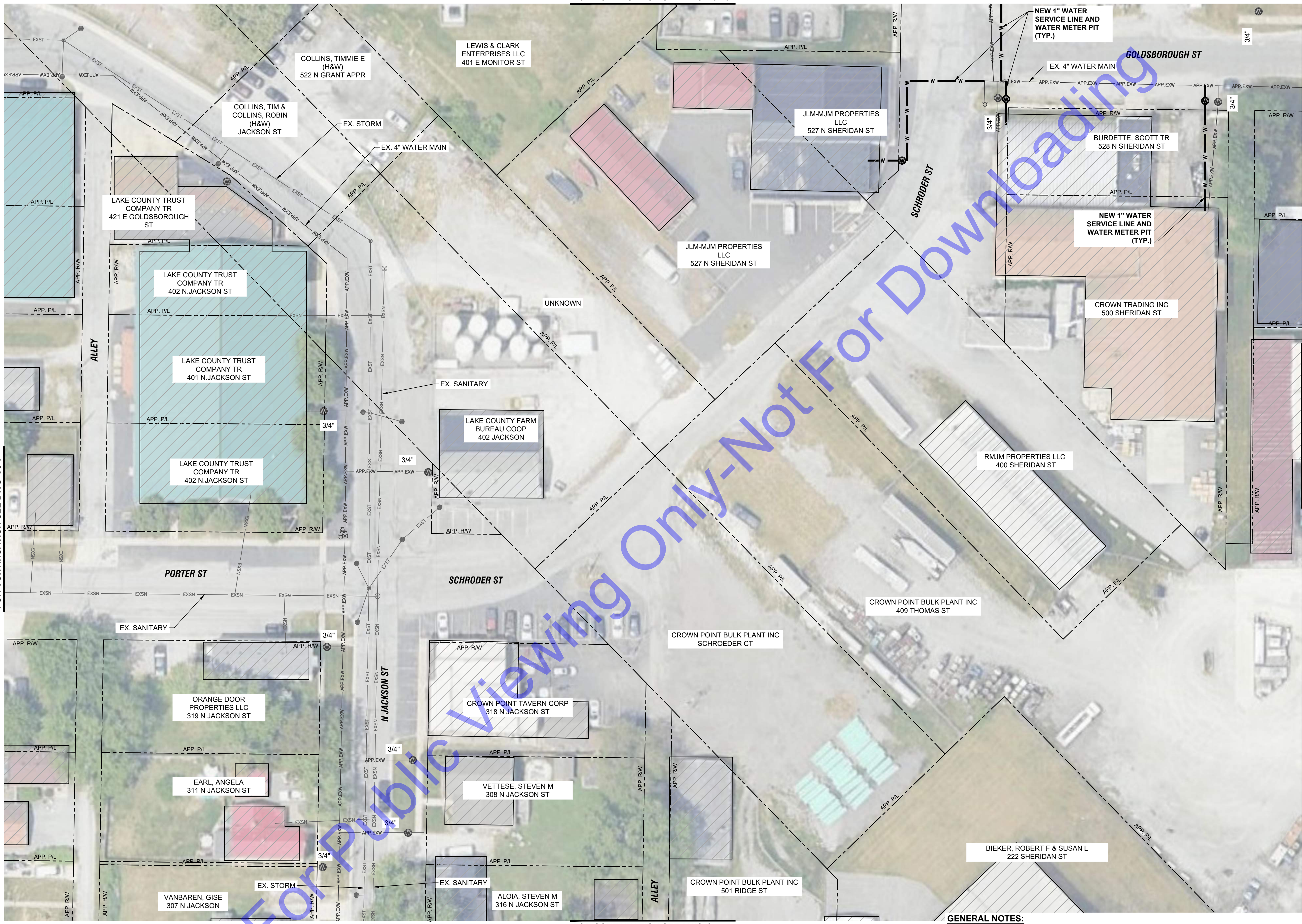
AREA 5C - PLAN VIEW

Drawing No: C5-9
Sheet: 35 OF 98

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FOR CONTINUATION SEE DWG C5-10



FOR CONTINUATION SEE DWG C5-15

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FOR CONTINUATION SEE DWG C5-12

PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

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Professional Engineer Seal: **AMY L. MENDOZA**, No. 12300262, STATE OF INDIANA
 Signature: *Amy L. Mendoza*, Date: 2-12-25

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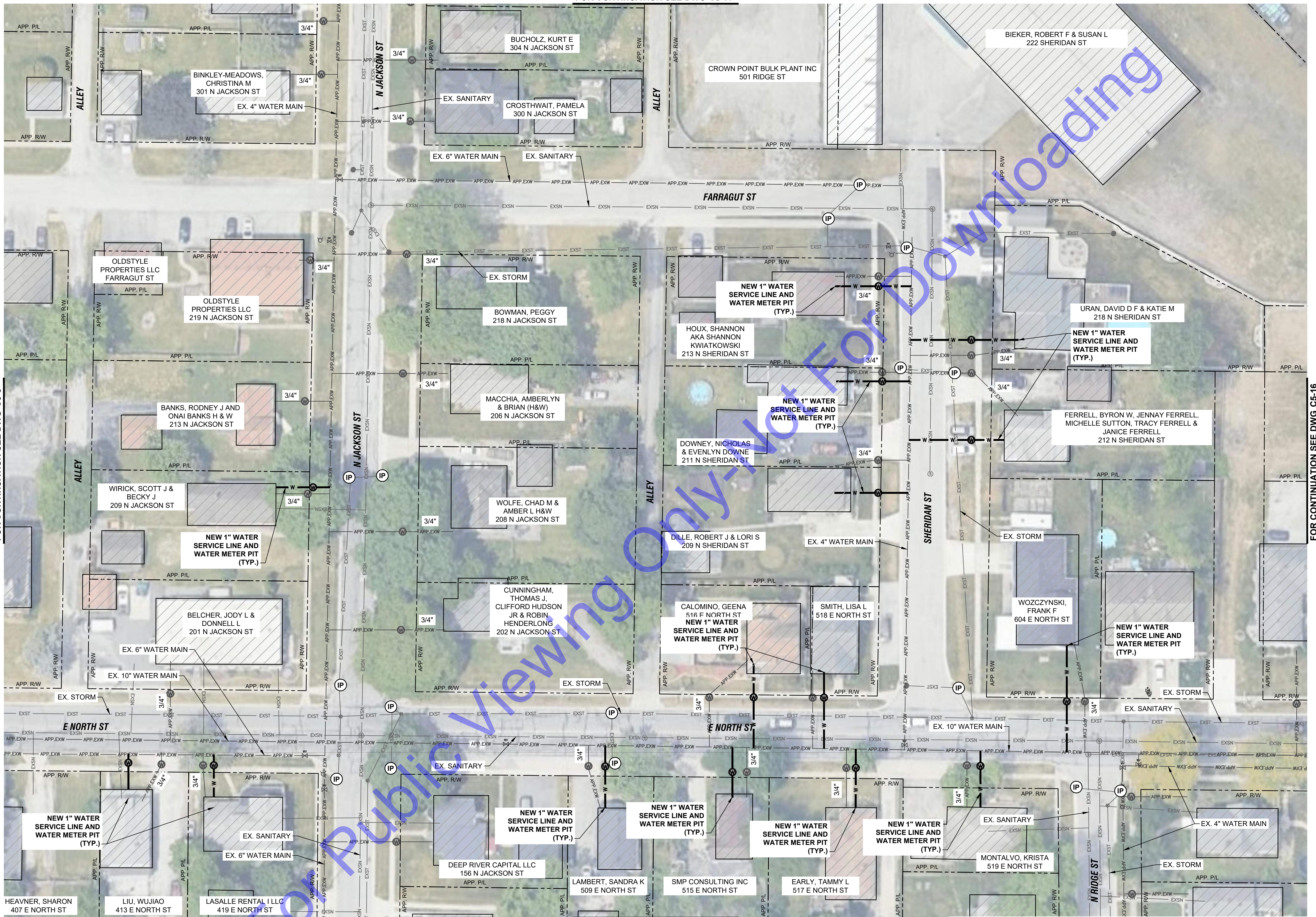
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No.	

Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

AREA 5C - PLAN VIEW

Drawing No: **C5-11**
 Sheet: 37 OF 98

FOR CONTINUATION SEE DWG C5-11



FOR CONTINUATION SEE DWG C5-8

FOR CONTINUATION SEE DWG C5-16

FOR CONTINUATION SEE DWG C5-25

PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'

GENERAL NOTES:

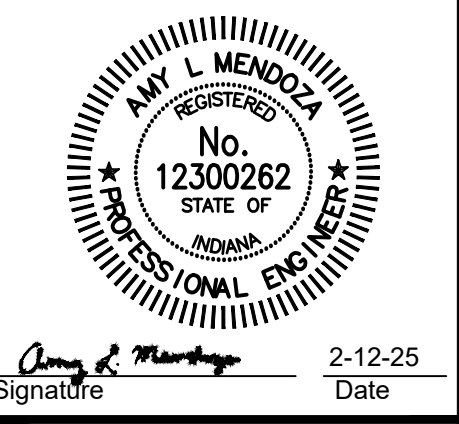
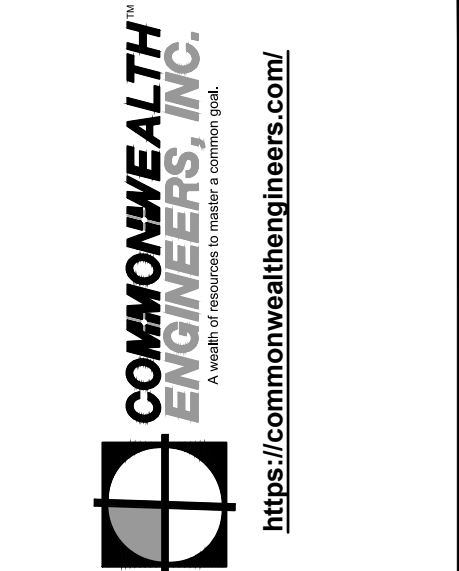
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Signature: *Amy L. Mendoza* Date: 2-12-25

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Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 5C - PLAN VIEW

Drawing No: **C5-12**
Sheet: 38 OF 98

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PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

FOR CONTINUATION SEE DWG C5-14

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Designed By: ALM Drawn By: KG/JL Checked By: JW
 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 5D - PLAN VIEW

Drawing No:
C5-13
 Sheet: 39 OF 98

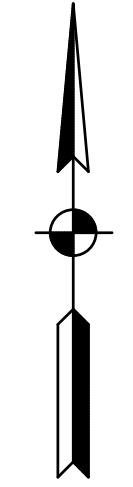
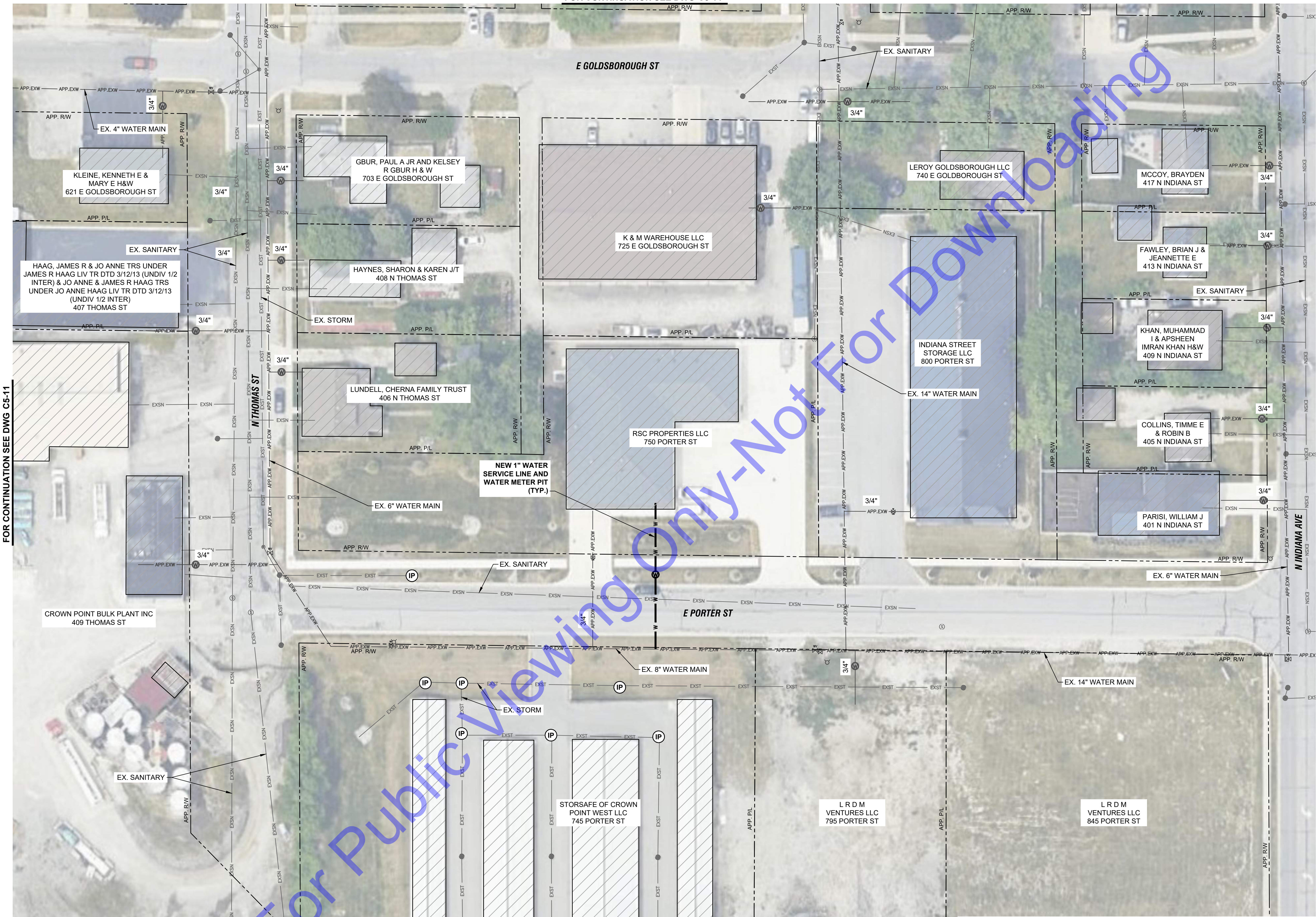
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AMY L. MENDOZA
 REGISTERED PROFESSIONAL ENGINEER
 No. 12300262
 STATE OF INDIANA

Signature: *Amy L. Mendoza* Date: 2-12-25

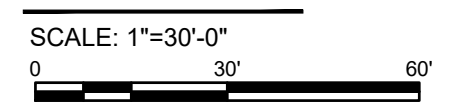
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FOR CONTINUATION SEE DWG C5-14



FOR CONTINUATION SEE DWG C5-11

PLAN VIEW FOR CONTINUATION SEE DWG C5-16



EROSION CONTROL LEGEND:

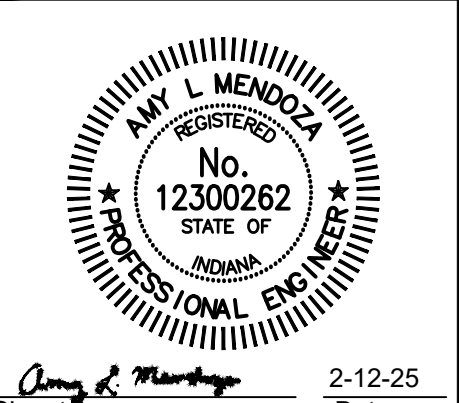
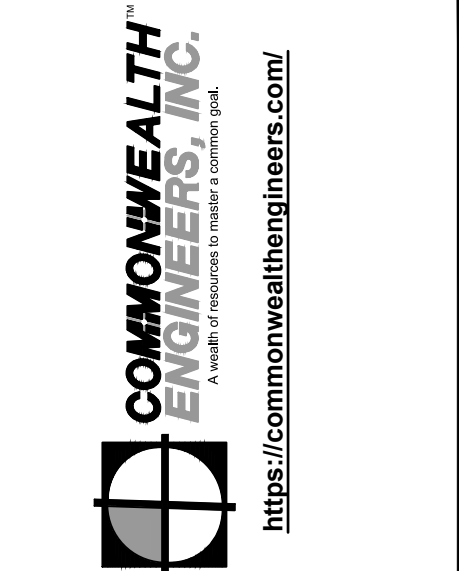
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Signature: *Amy L. Mendoza* Date: 2-12-25

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No.	Submittal / Revision	Date	By

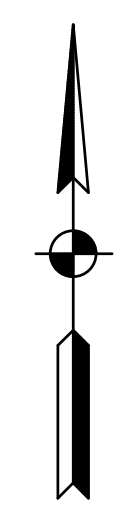
Designed By: ALM Drawn By: KG/JL Checked By: JW
 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 5D - PLAN VIEW

Drawing No: **C5-15**
 Sheet: 41 OF 98

FILE: Z:\SHARED\CLIENTS_4\LCROWN POINT\DWG\07_2024\2024_01_08_PROJECTS\CAD\CURRENT FILES\DRAINING\03-PLAN VIEW AREA.DWG
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FOR CONTINUATION SEE DWG C5-15



FOR CONTINUATION SEE DWG C5-12

FOR CONTINUATION SEE DWG C5-29

EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

EROSION CONTROL NOTES:

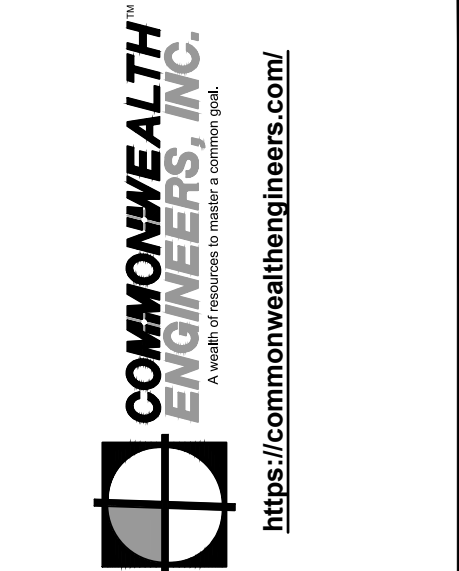
1. CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO INLET PROTECTION, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
2. SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

GENERAL NOTES:

1. CONTRACTOR TO AVOID AND PROTECT ANY EXISTING STORM MANHOLES, SEWER, OR CULVERTS. IF DISTURBED OR DAMAGED, CONTRACTOR TO REPLACE TO A CONDITION EQUAL TO OR BETTER THAN EXISTING.
2. SANITARY LATERAL LOCATIONS ARE UNKNOWN. CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF EXISTING SANITARY LATERALS PRIOR TO INSTALLATION OF NEW WATER SERVICES.
3. SANITARY SEWER DEPTH SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INSTALLATION OF NEW WATER SERVICES.
4. CONTRACTOR SHALL RELOCATE EXISTING CUSTOMER METER TO NEW METER PIT. PAYMENT FOR THIS ITEM SHALL BE INCLUDED IN THE COST OF THE NEW METER PIT.



Professional Engineer Seal for Amy L. Mendoza, No. 12300262, State of Indiana. Signature: Amy L. Mendoza, Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
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Date	By	No.	Submittal/Revision

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 5D - PLAN VIEW

FILE: Z:\SHARED\IN\CLIENTS\LAKECOUNTY\POINT\W04\07_2024\18_PROJECTS\CAD\CURRENT\FILES\DRAININGS\PLAN VIEW\AREA 5A.DWG
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EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

EROSION CONTROL NOTES:

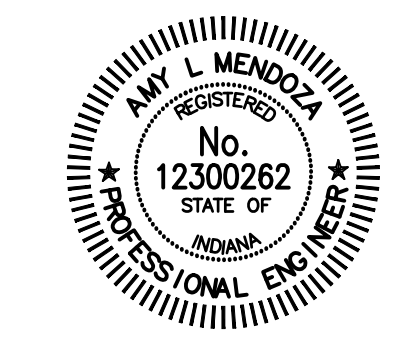
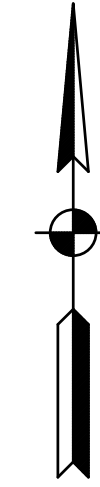
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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

GENERAL NOTES:

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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
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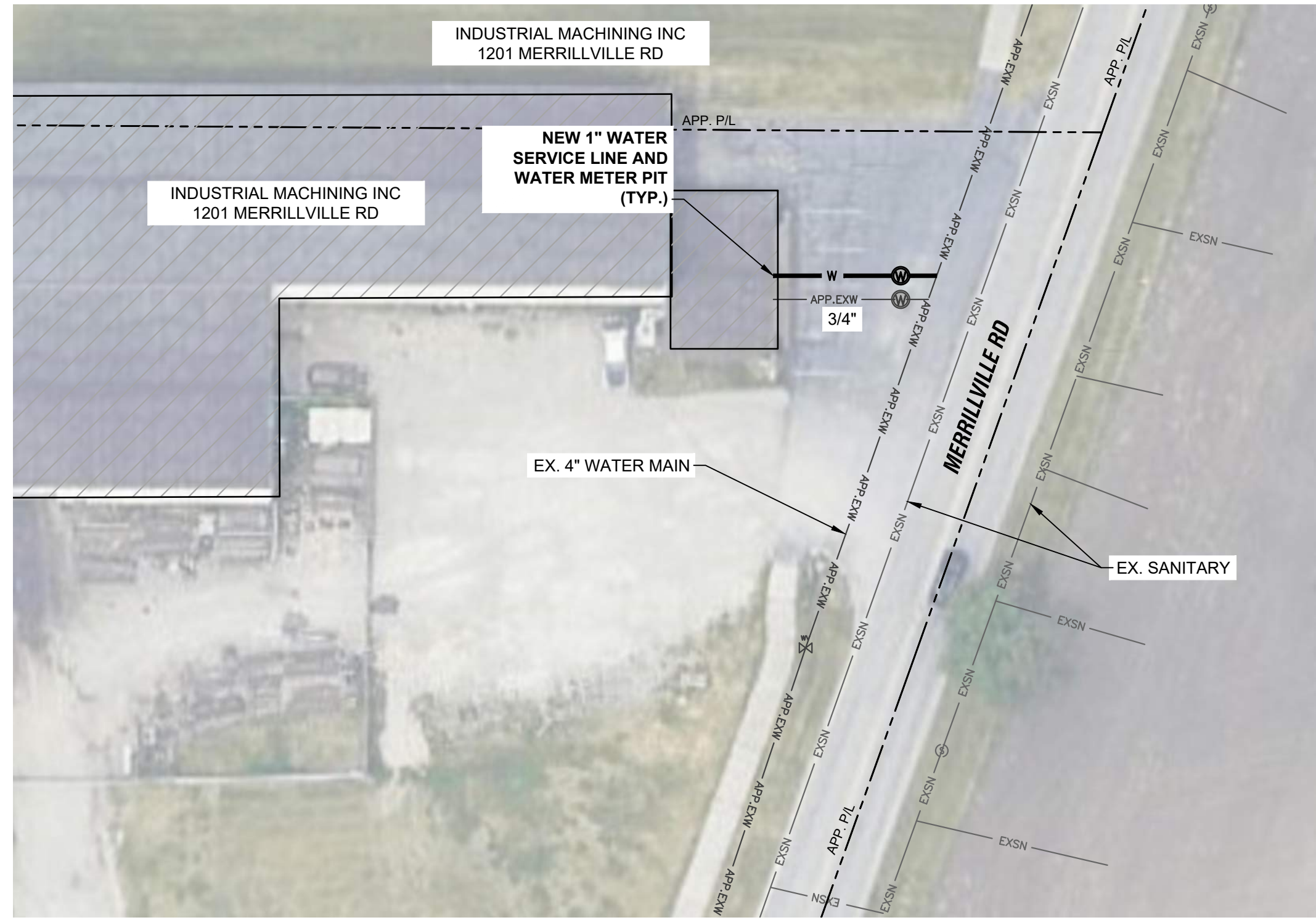
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Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

AREA 5D - PLAN VIEW

Drawing No:
C5-17
 Sheet: 43 OF 98



PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'



PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'

EROSION CONTROL LEGEND:

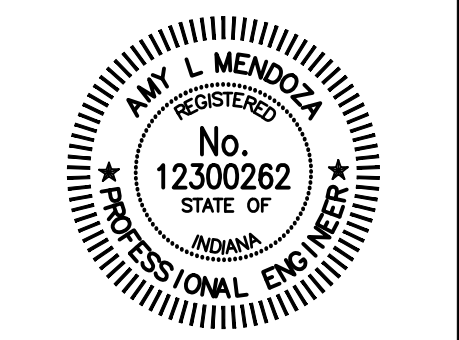
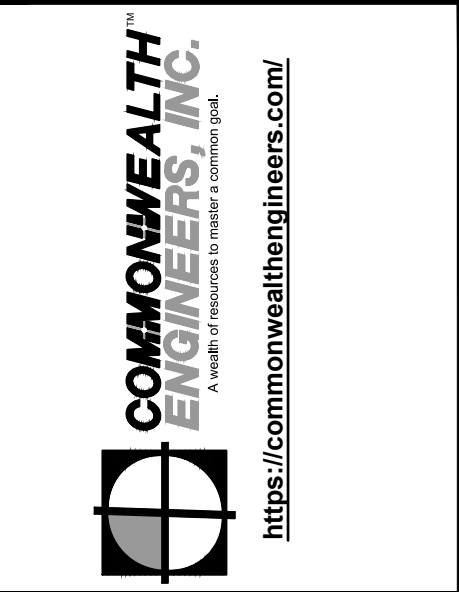
(IP) INLET PROTECTION

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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

GENERAL NOTES:

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Signature: *Amy L. Mendoza* Date: 2-12-25

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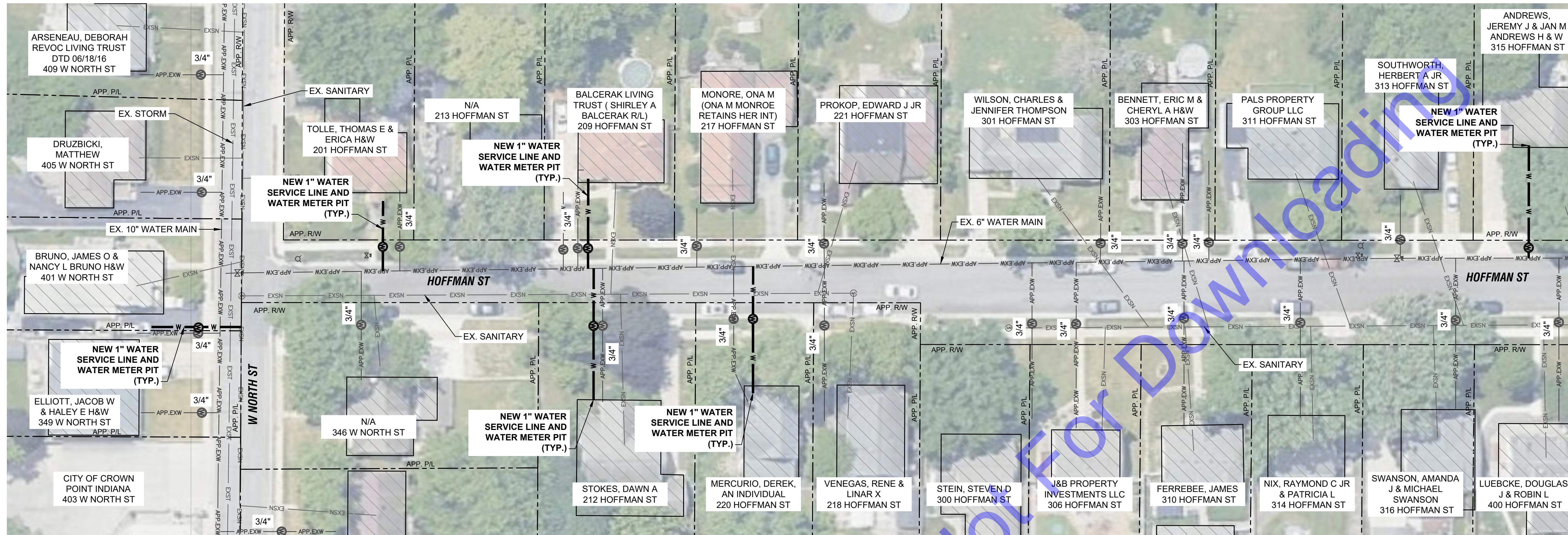
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ALM	KG/JL	JW
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2-18-25	W24107	AS SHOWN

AREA 5D - PLAN VIEWS

Drawing No:
C5-18
Sheet: 44 OF 98

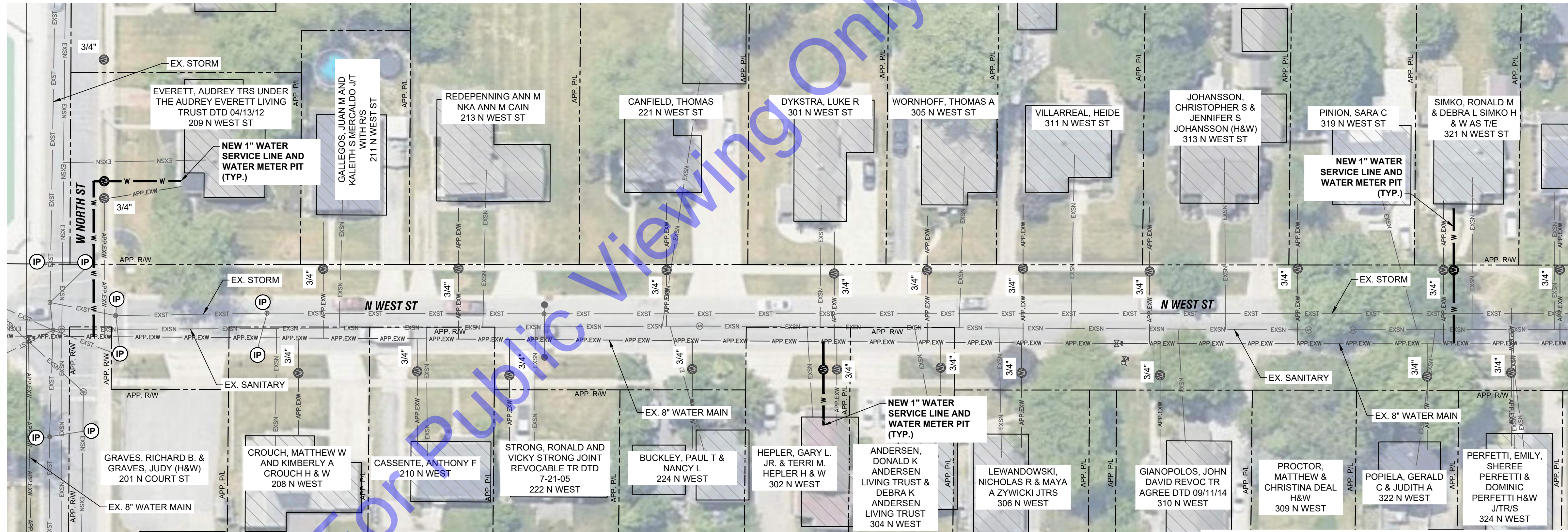
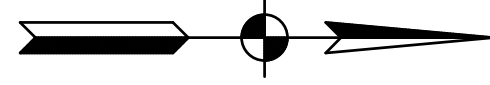
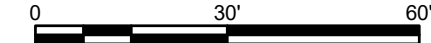
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PLAN VIEW

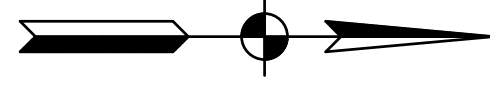
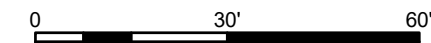
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FOR CONTINUATION SEE DWG C5-2 AND C5-3

PLAN VIEW

SCALE: 1"=30'-0"



EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

EROSION CONTROL NOTES:

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AMY L. MENDOZA
 REGISTERED PROFESSIONAL ENGINEER
 No. 12300262
 STATE OF INDIANA
 Signature: *Amy L. Mendoza* Date: 2-12-25

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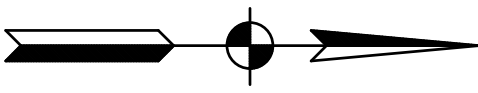
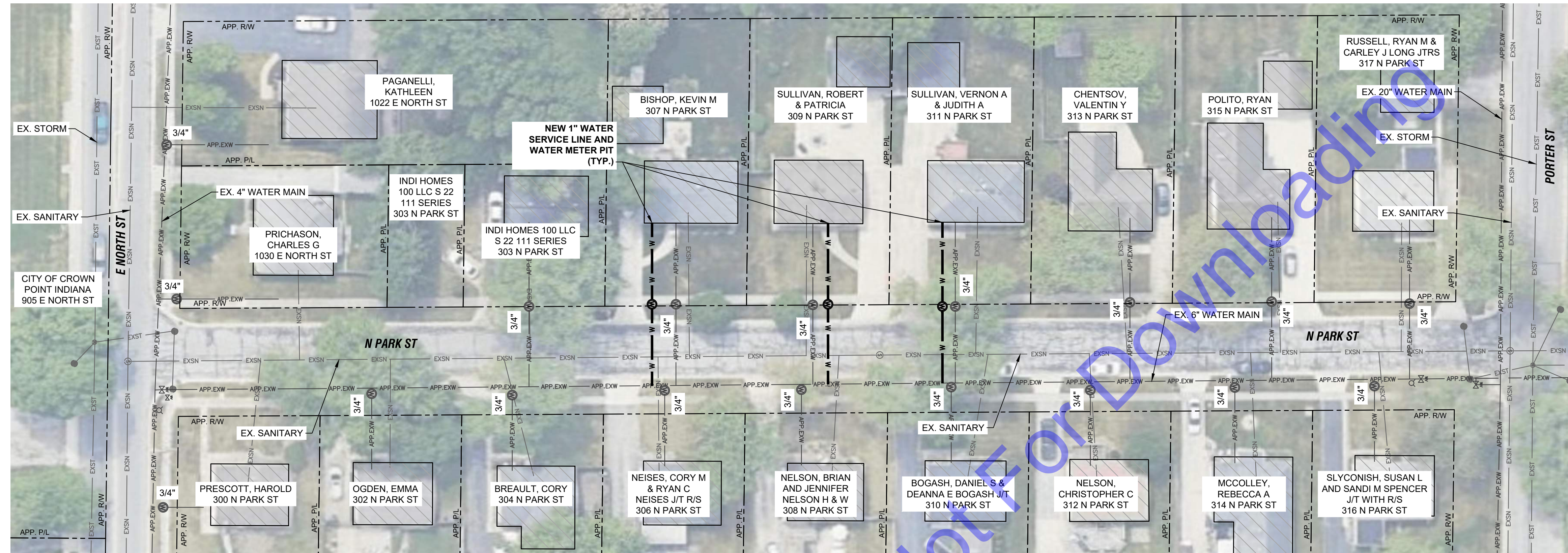
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ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

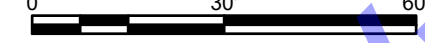
AREA 5D - PLAN VIEWS

Drawing No:
C5-19
 Sheet: 45 OF 98



PLAN VIEW

SCALE: 1"=30'-0"



EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

EROSION CONTROL NOTES:

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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
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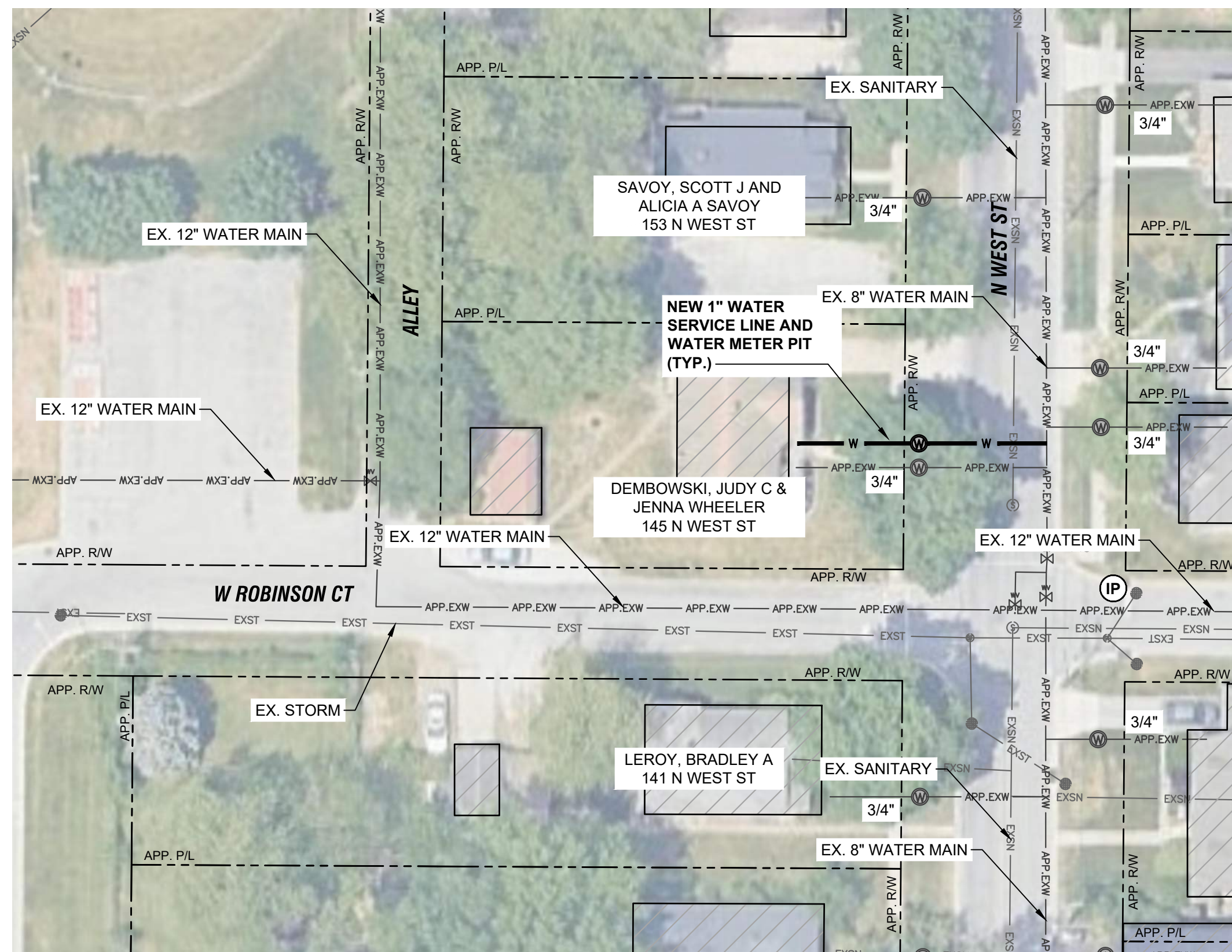
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Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

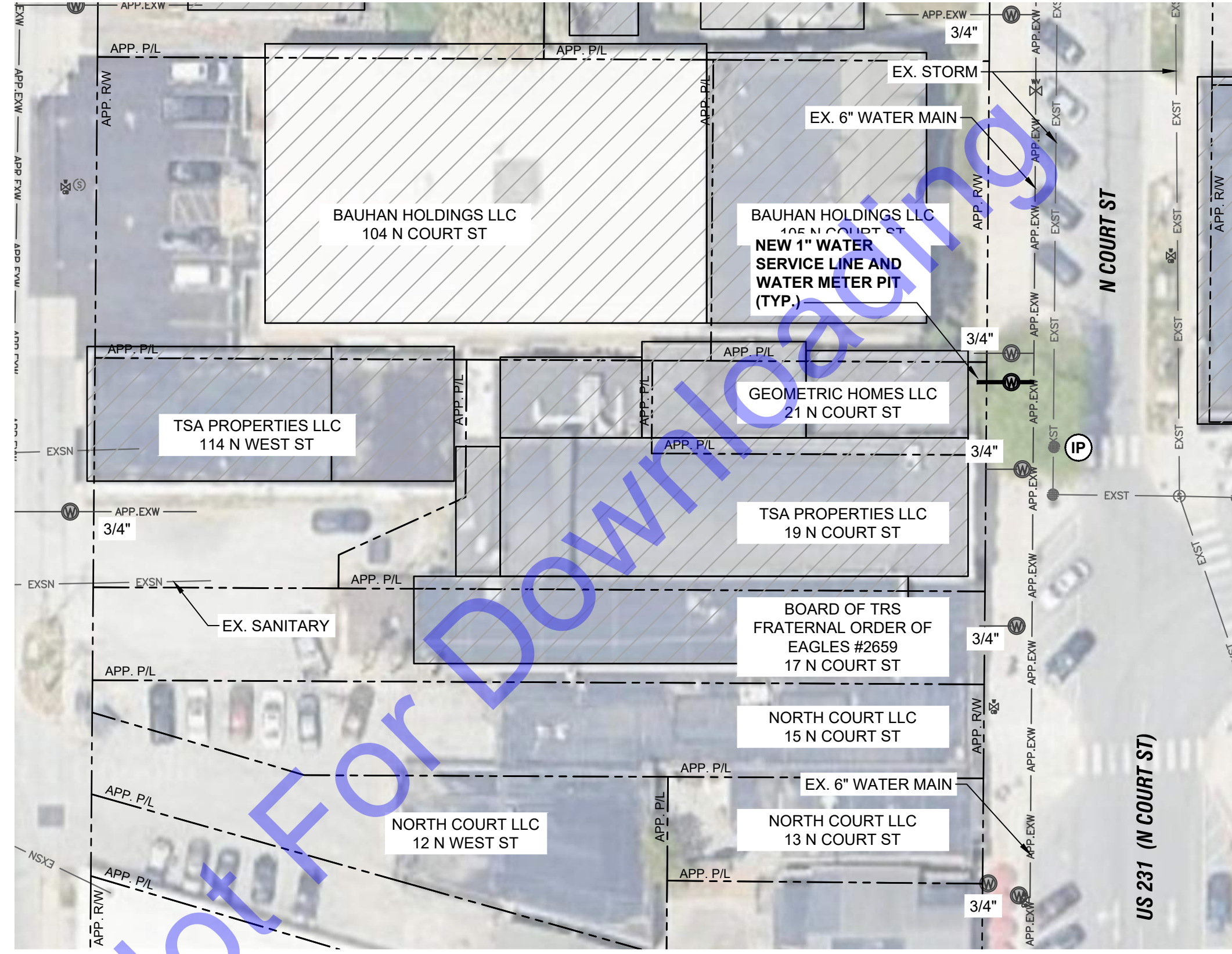
AREA 5D - PLAN VIEW

Drawing No:
C5-20
 Sheet: 46 OF 98



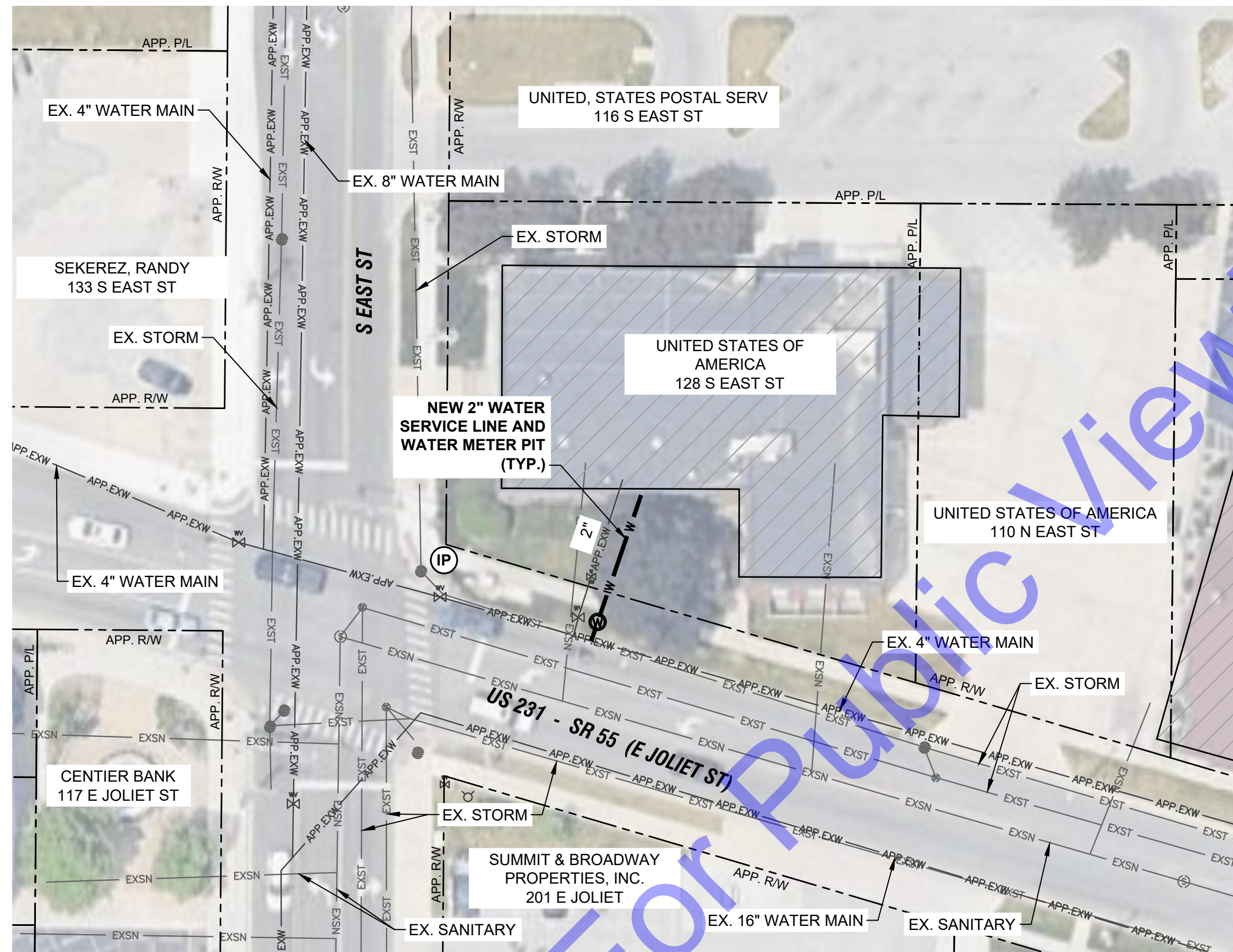
PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'



PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'



PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

GENERAL NOTES:

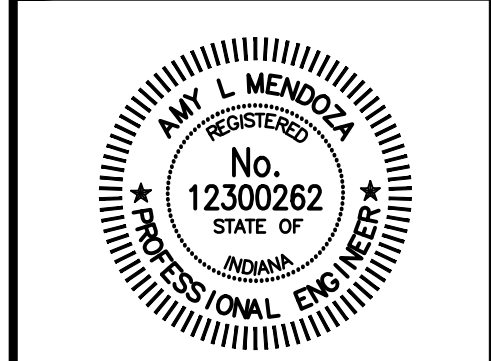
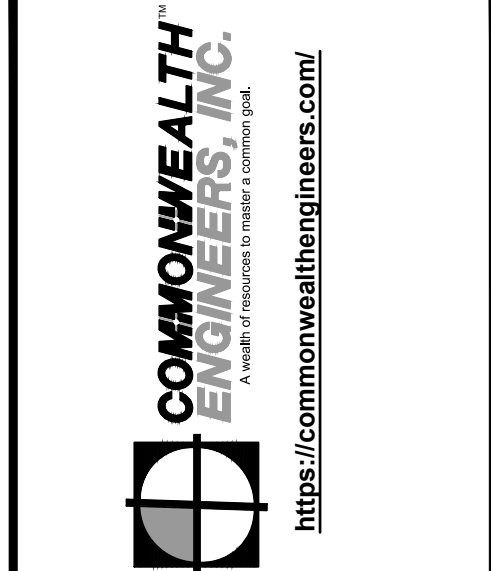
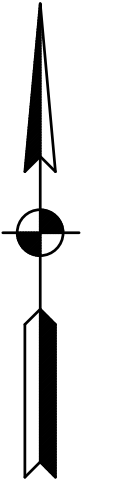
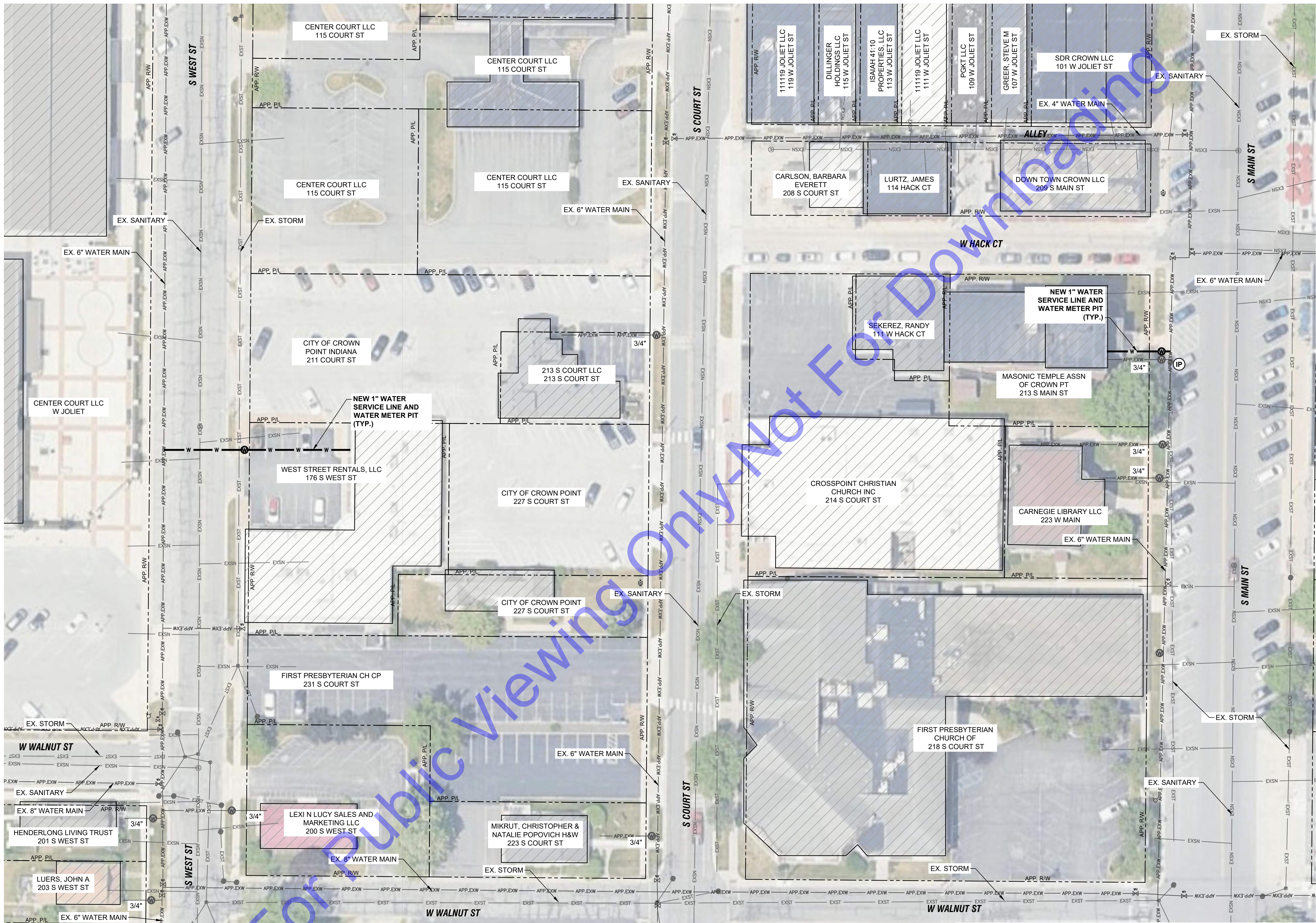
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By	
Submitted / Revision	
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Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

AREA 5E - PLAN VIEWS

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Signature: *Amy L. Mendoza* Date: 2-12-25

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No.	Submittal/Revision	Date

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 5E - PLAN VIEW

EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

EROSION CONTROL NOTES:

- CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO INLET PROTECTION, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

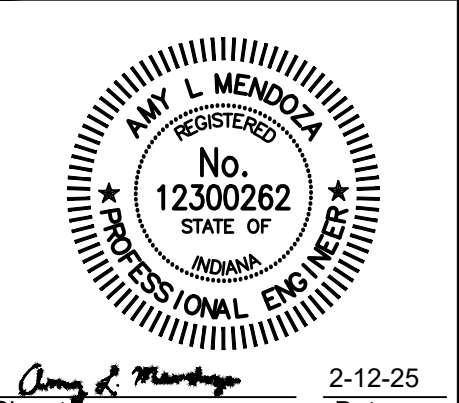
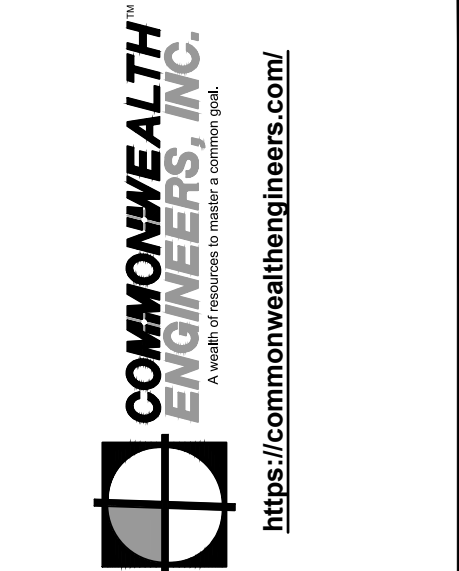
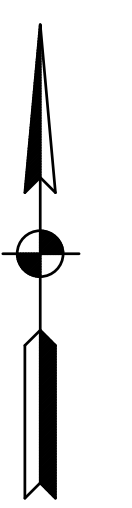
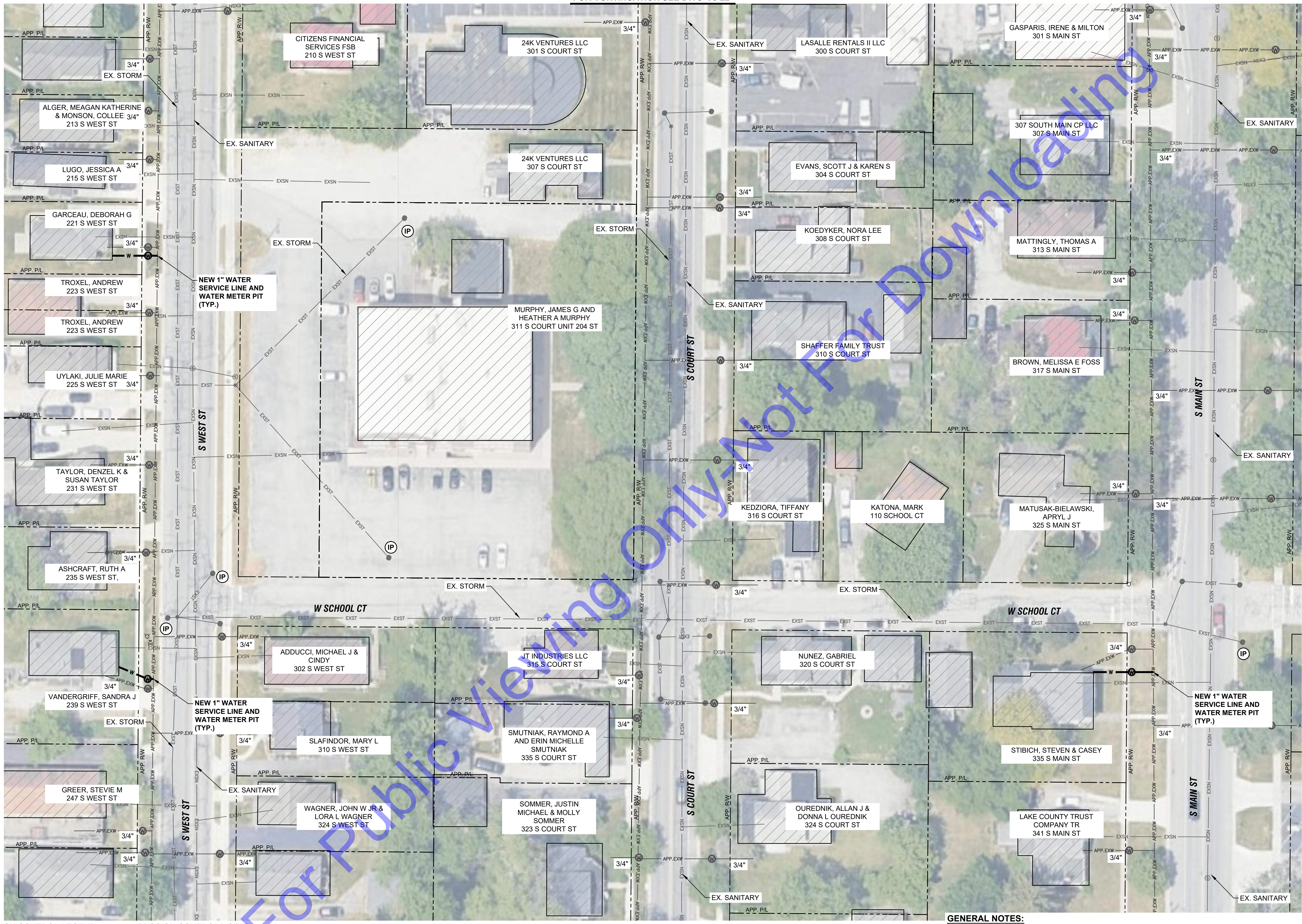
FOR CONTINUATION SEE DWG C5-23

PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'

GENERAL NOTES:

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Signature: Amy L. Mendoza Date: 2-12-25

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Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 5E - PLAN VIEW

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EROSION CONTROL LEGEND:

IP INLET PROTECTION

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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

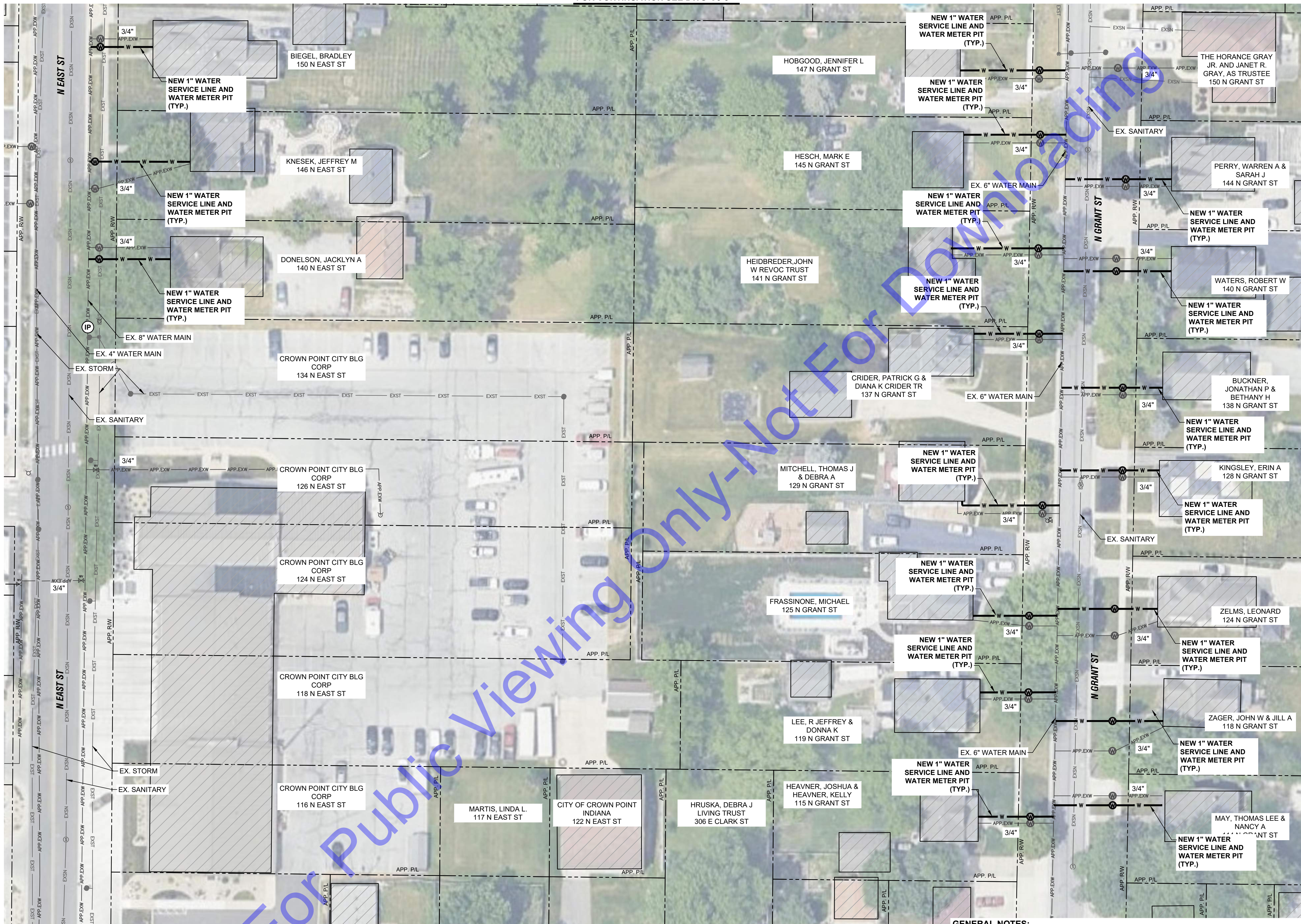
PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'

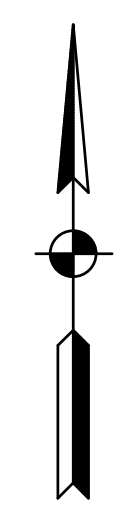
GENERAL NOTES:

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- CONTRACTOR SHALL RELOCATE EXISTING CUSTOMER METER TO NEW METER PIT. PAYMENT FOR THIS ITEM SHALL BE INCLUDED IN THE COST OF THE NEW METER PIT.

FOR CONTINUATION SEE DWG C5-8



FOR CONTINUATION SEE DWG C5-25



Signature: Amy L. Mendoza Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE
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No.	Submittal/Revision	Date	By

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 5E - PLAN VIEW

Drawing No:
C5-24
Sheet: 50 OF 98

EROSION CONTROL LEGEND:
(IP) INLET PROTECTION

EROSION CONTROL NOTES:

- CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO INLET PROTECTION, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

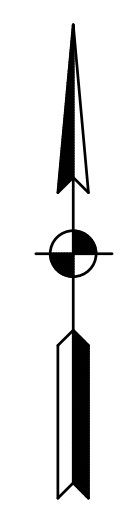
PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'

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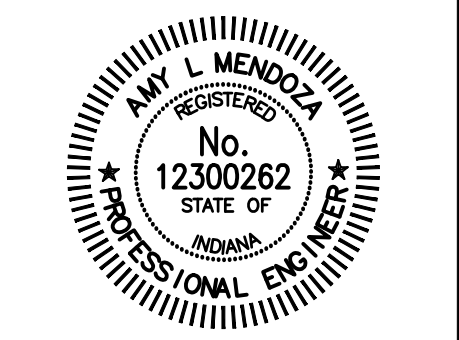
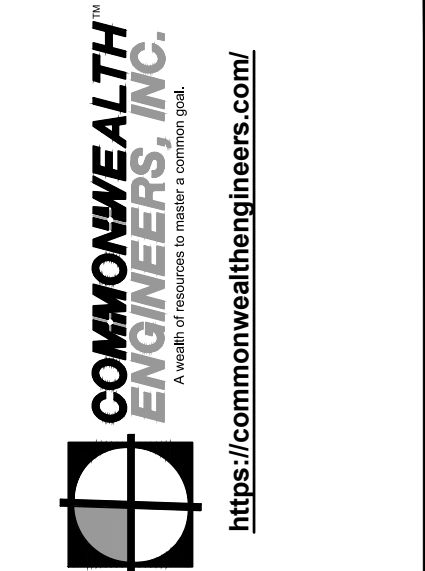
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FOR CONTINUATION SEE DWG C5-12



FOR CONTINUATION SEE DWG C5-24

FOR CONTINUATION SEE DWG C5-29



Signature: *Amy L. Mendola* Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA

LEAD SERVICE LINE
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No.	Submittal / Revision	Date	By

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 5E - PLAN VIEW

Drawing No:
C5-25
Sheet: 51 OF 98

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EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

FOR CONTINUATION SEE DWG C5-26

PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'

GENERAL NOTES:

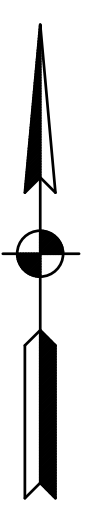
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FOR CONTINUATION SEE DWG C5-25

FOR CONTINUATION SEE DWG C5-30



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AWAY L. MENDOZA
 REGISTERED PROFESSIONAL ENGINEER
 No. 12300262
 STATE OF INDIANA
 Signature: *Awaway L. Mendoza* Date: 2-12-25

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 LAKE COUNTY, INDIANA
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No.	Submittal/Revision	Date	By

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 5E - PLAN VIEW

Drawing No:
C5-26
 Sheet: 52 OF 98

EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

EROSION CONTROL NOTES:

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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

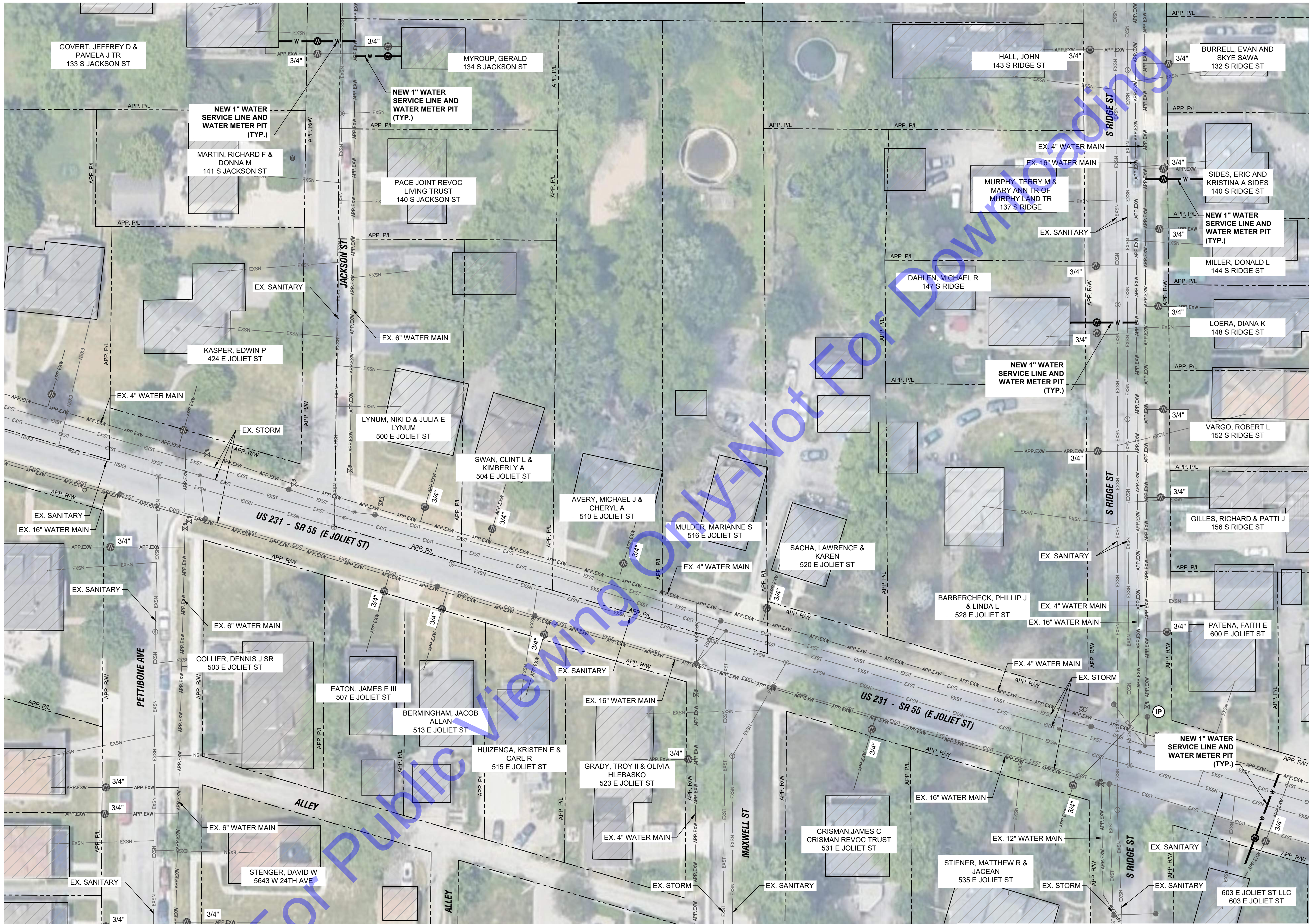
FOR CONTINUATION SEE DWG C5-27

PLAN VIEW

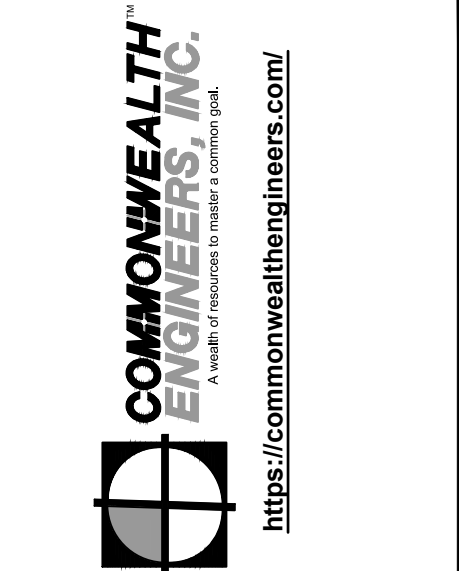
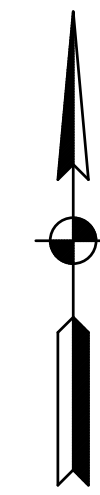
SCALE: 1"=30'-0"
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FOR CONTINUATION SEE DWG C5-31



Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE
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By	
Submittal/Revision	
No.	

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 5E - PLAN VIEW

Drawing No: **C5-27**
Sheet: 53 OF 98

EROSION CONTROL LEGEND:

IP INLET PROTECTION

EROSION CONTROL NOTES:

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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

FOR CONTINUATION SEE DWG C5-28

PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'

GENERAL NOTES:

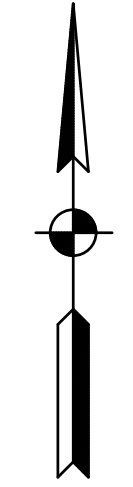
- CONTRACTOR TO AVOID AND PROTECT ANY EXISTING STORM MANHOLES, SEWER, OR CULVERTS. IF DISTURBED OR DAMAGED, CONTRACTOR TO REPLACE TO A CONDITION EQUAL TO OR BETTER THAN EXISTING.
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FOR CONTINUATION SEE DWG C5-27



FOR CONTINUATION SEE DWG C5-32



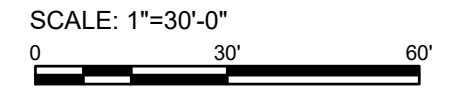
EROSION CONTROL LEGEND:

- (IP) INLET PROTECTION

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PLAN VIEW



GENERAL NOTES:

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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE
REPLACEMENTS

No.	Submittal/Revision	Date	By

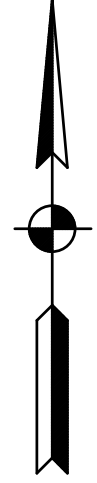
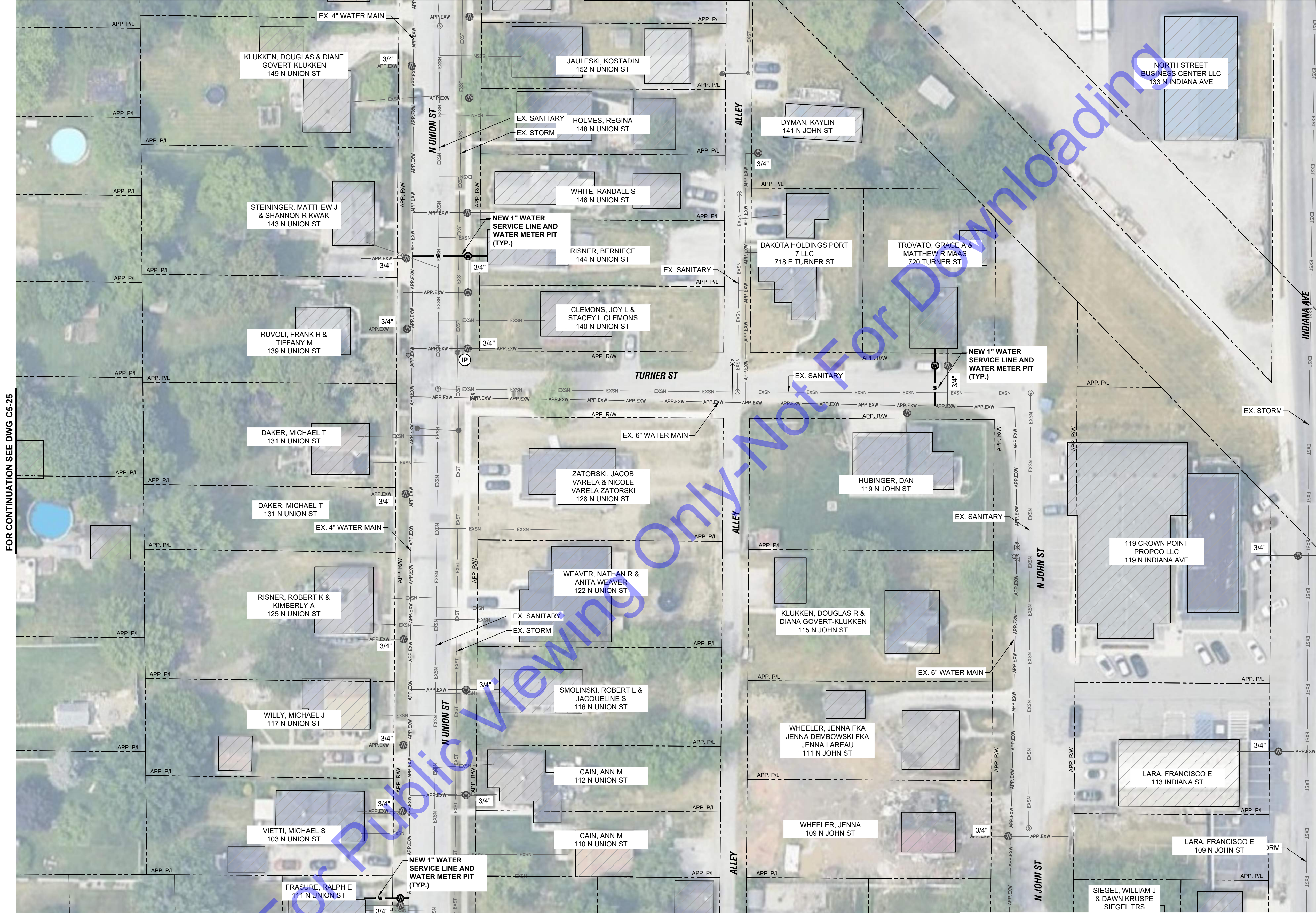
Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 5E - PLAN VIEW

Drawing No: **C5-28**
Sheet: 54 OF 98

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FOR CONTINUATION SEE DWG C5-16



FOR CONTINUATION SEE DWG C5-25

FOR CONTINUATION SEE DWG C5-30

EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

EROSION CONTROL NOTES:

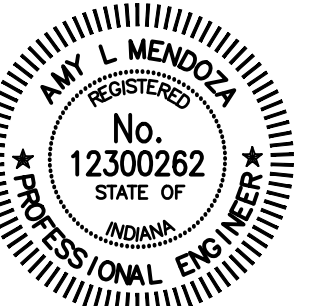
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PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

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Signature: *Amy L. Mendoza* Date: 2-12-25

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 LEAD SERVICE LINE
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No.	Submittal / Revision	Date

Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

AREA 5F - PLAN VIEW

Drawing No:
C5-29

File: Z:\SHARED\IN CLIENTS\ALL COUNTY POINTS\INDIANAPOLIS\PROJECTS\CADA\CURRENT FILES\DRAININGS\03-PLAN VIEW AREA 5B.DWG
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FOR CONTINUATION SEE DWG C5-29

FOR CONTINUATION SEE DWG C5-33

FOR CONTINUATION SEE DWG C5-31

EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

EROSION CONTROL NOTES:

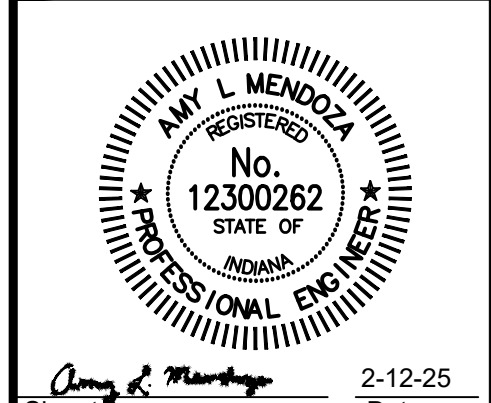
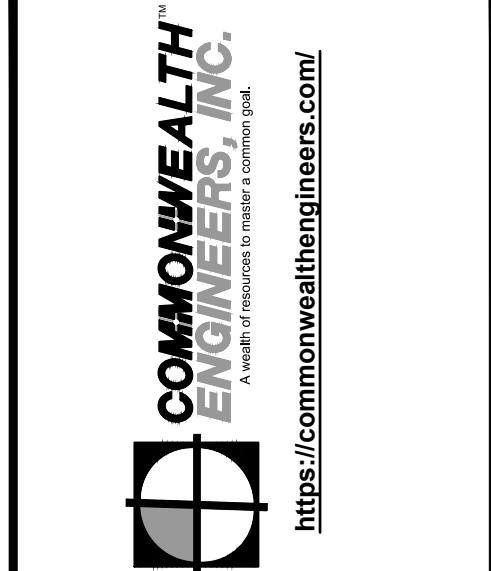
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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
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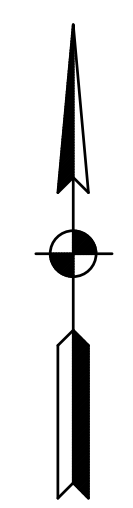
No.	Submittal / Revision	Date	By

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 5F - PLAN VIEW

Drawing No:
C5-30
 Sheet: 56 OF 98

FOR CONTINUATION SEE DWG C5-30



FOR CONTINUATION SEE DWG C5-27

FOR CONTINUATION SEE DWG C5-34

FOR CONTINUATION SEE DWG C5-32

GENERAL NOTES:

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EROSION CONTROL LEGEND:

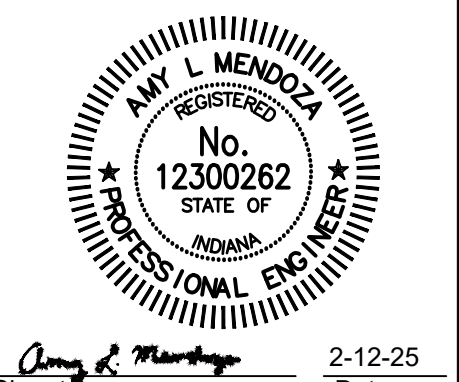
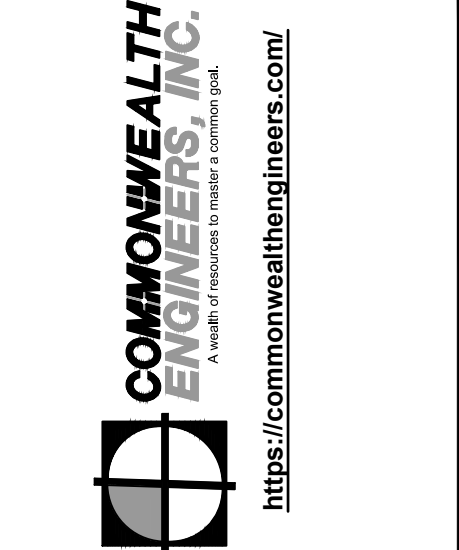
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2. SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'



Signature: *Amy L. Mendoza* Date: 2-12-25

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Designed By: ALM Drawn By: KG/JL Checked By: JW
 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

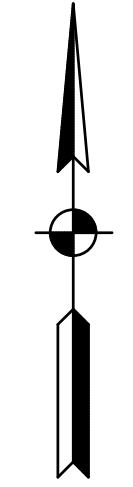
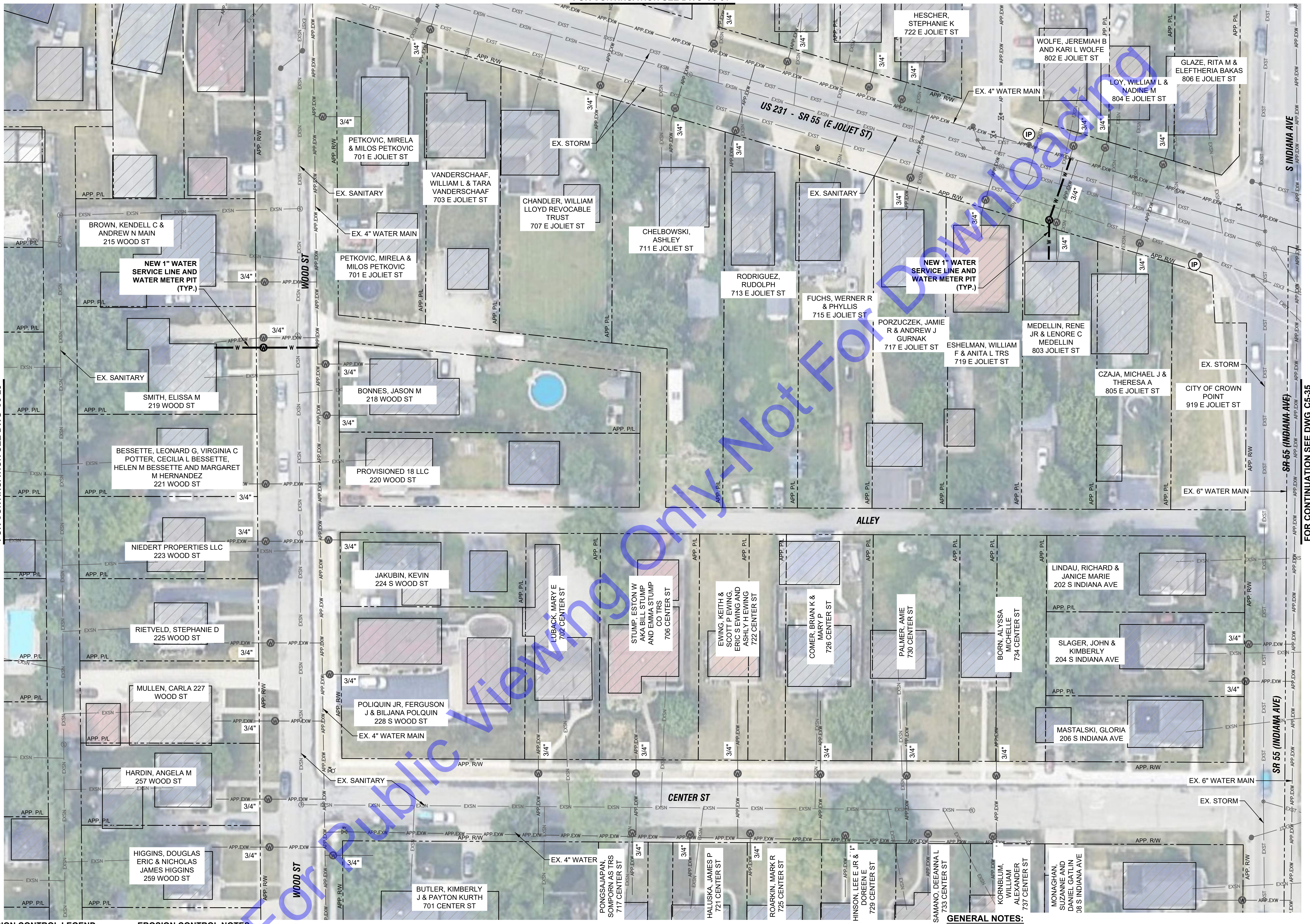
AREA 5F - PLAN VIEW

Drawing No:
C5-31
 Sheet: 57 OF 98

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FOR CONTINUATION SEE DWG C5-31



FOR CONTINUATION SEE DWG C5-28

FOR CONTINUATION SEE DWG C5-35

EROSION CONTROL LEGEND:

IP INLET PROTECTION

EROSION CONTROL NOTES:

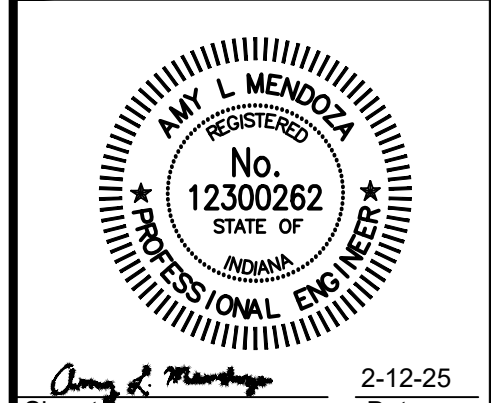
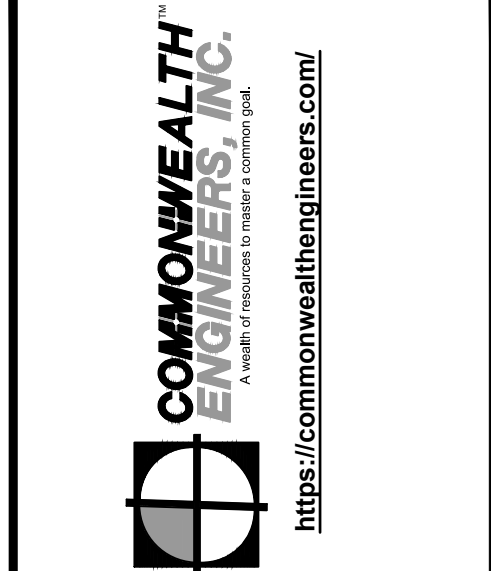
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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

GENERAL NOTES:

- CONTRACTOR TO AVOID AND PROTECT ANY EXISTING STORM MANHOLES, SEWER, OR CULVERTS. IF DISTURBED OR DAMAGED, CONTRACTOR TO REPLACE TO A CONDITION EQUAL TO OR BETTER THAN EXISTING.
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Signature: Amy L. Mendoza Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE REPLACEMENTS



No.	Submittal/Revision	Date	By

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

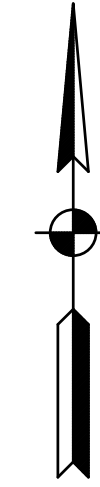
AREA 5F - PLAN VIEW

Drawing No: C5-32
 Sheet: 58 OF 98

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FOR CONTINUATION SEE DWG C5-30

FOR CONTINUATION SEE DWG C5-34



EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

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PLAN VIEW

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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
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Date	
By	
Submittal / Revision	
No.	

Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

AREA 5F - PLAN VIEW

Drawing No:
C5-33
 Sheet: 59 OF 98

FOR CONTINUATION SEE DWG C5-33



FOR CONTINUATION SEE DWG C5-31

FOR CONTINUATION SEE DWG C5-35

EROSION CONTROL LEGEND:

IP INLET PROTECTION

EROSION CONTROL NOTES:

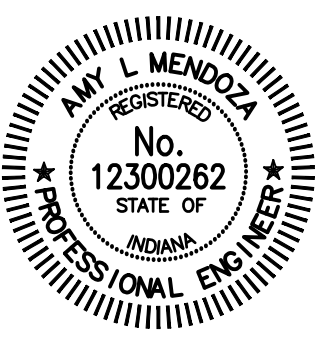
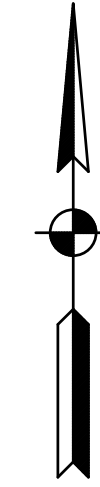
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Signature: Amy L. Mendoza Date: 2-12-25

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LEAD SERVICE LINE
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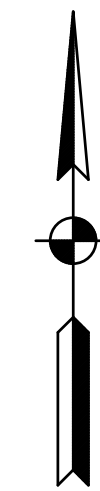
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Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 5F - PLAN VIEW

Drawing No:
C5-34
Sheet: 60 OF 98

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FOR CONTINUATION SEE DWG C5-34



FOR CONTINUATION SEE DWG C5-32

EROSION CONTROL LEGEND:

IP INLET PROTECTION

EROSION CONTROL NOTES:

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SCALE: 1"=30'-0"
0 30' 60'

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REGISTERED PROFESSIONAL ENGINEER
No. 12300262
STATE OF INDIANA
Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE REPLACEMENTS

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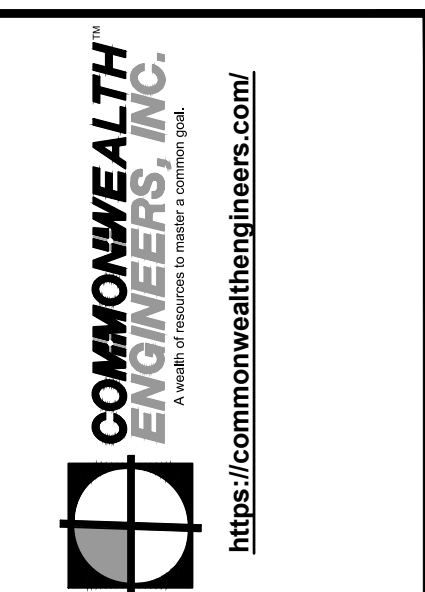
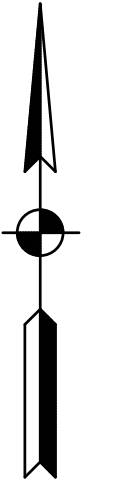
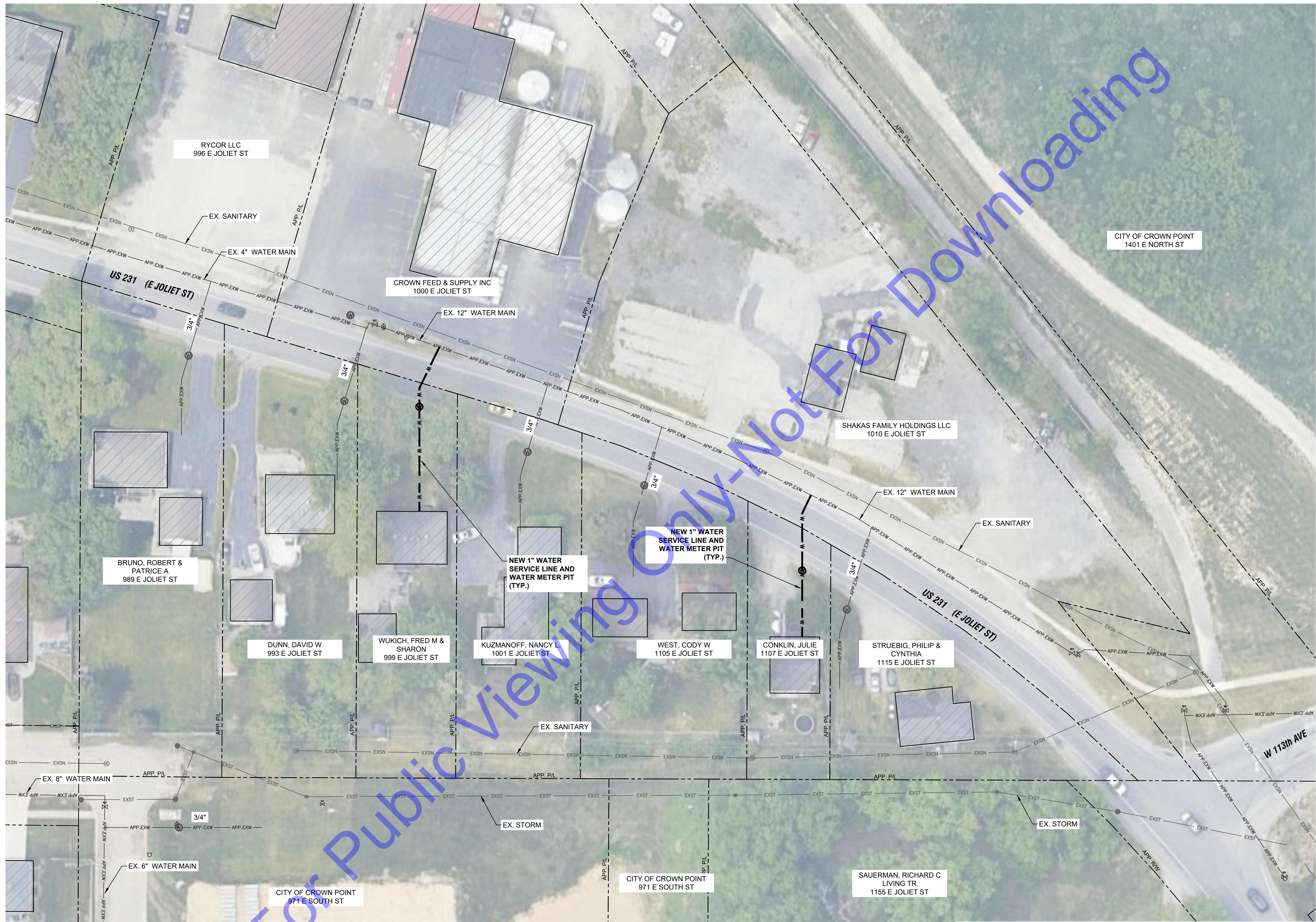
Date	
By	
Submittal / Revision	
No.	

Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

AREA 5F - PLAN VIEW

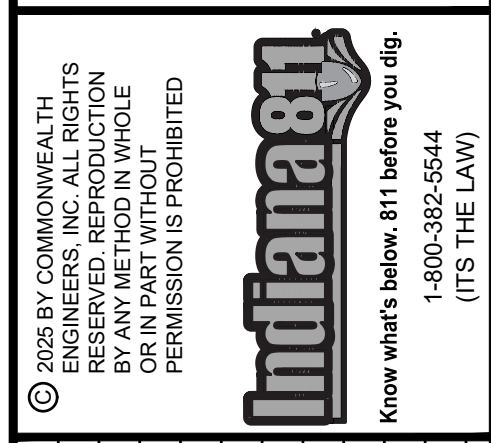
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Professional Engineer Stamp for Amy L. Mendoza, No. 12300262, State of Indiana. Signature and Date: 2-12-25

CITY OF CROWN POINT LAKE COUNTY, INDIANA LEAD SERVICE LINE REPLACEMENTS



No.	Submittal / Revision	Date

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 5F - PLAN VIEW

Drawing No: **C5-36**
Sheet: 62 OF 98

EROSION CONTROL LEGEND:
IP INLET PROTECTION

- EROSION CONTROL NOTES:**
1. CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO INLET PROTECTION, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
 2. SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'

- GENERAL NOTES:**
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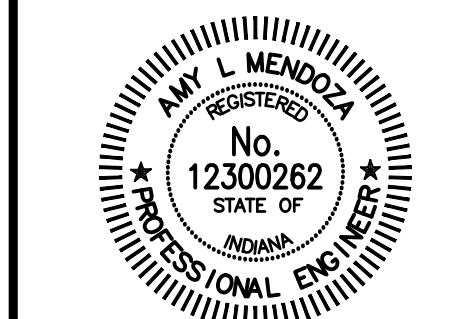
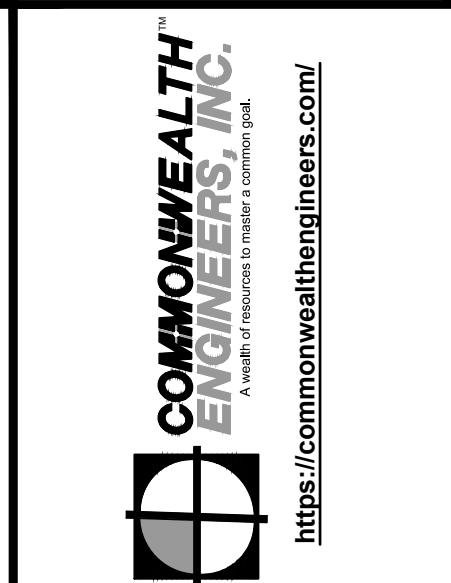


PLAN VIEW

SCALE: 1"=300'-0"
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LEGEND

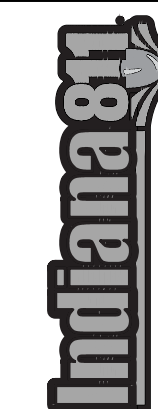
LEAD SERVICE REPLACEMENT LOCATIONS



Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE
REPLACEMENTS

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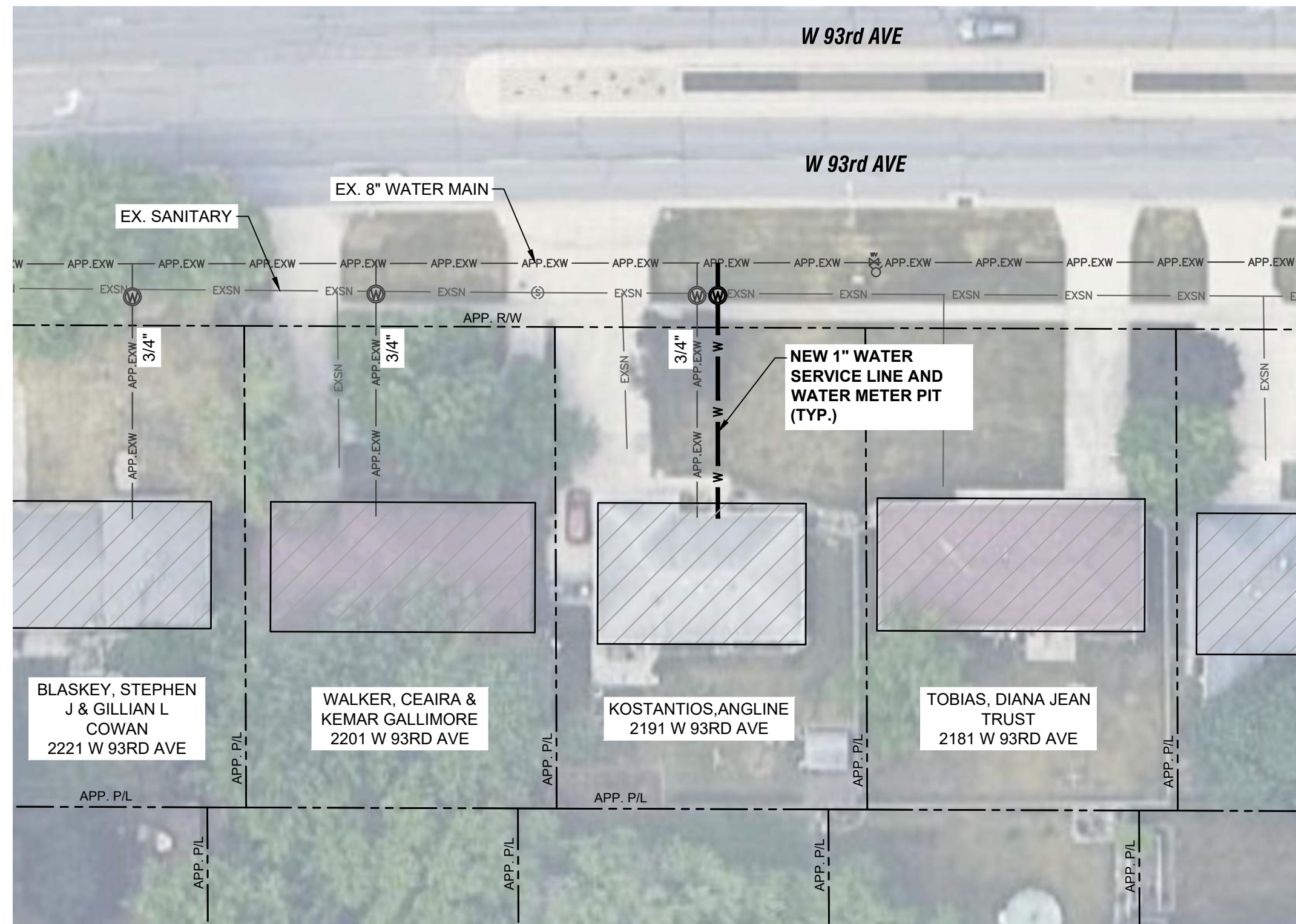
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No.	Submittal / Revision	By	Date

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

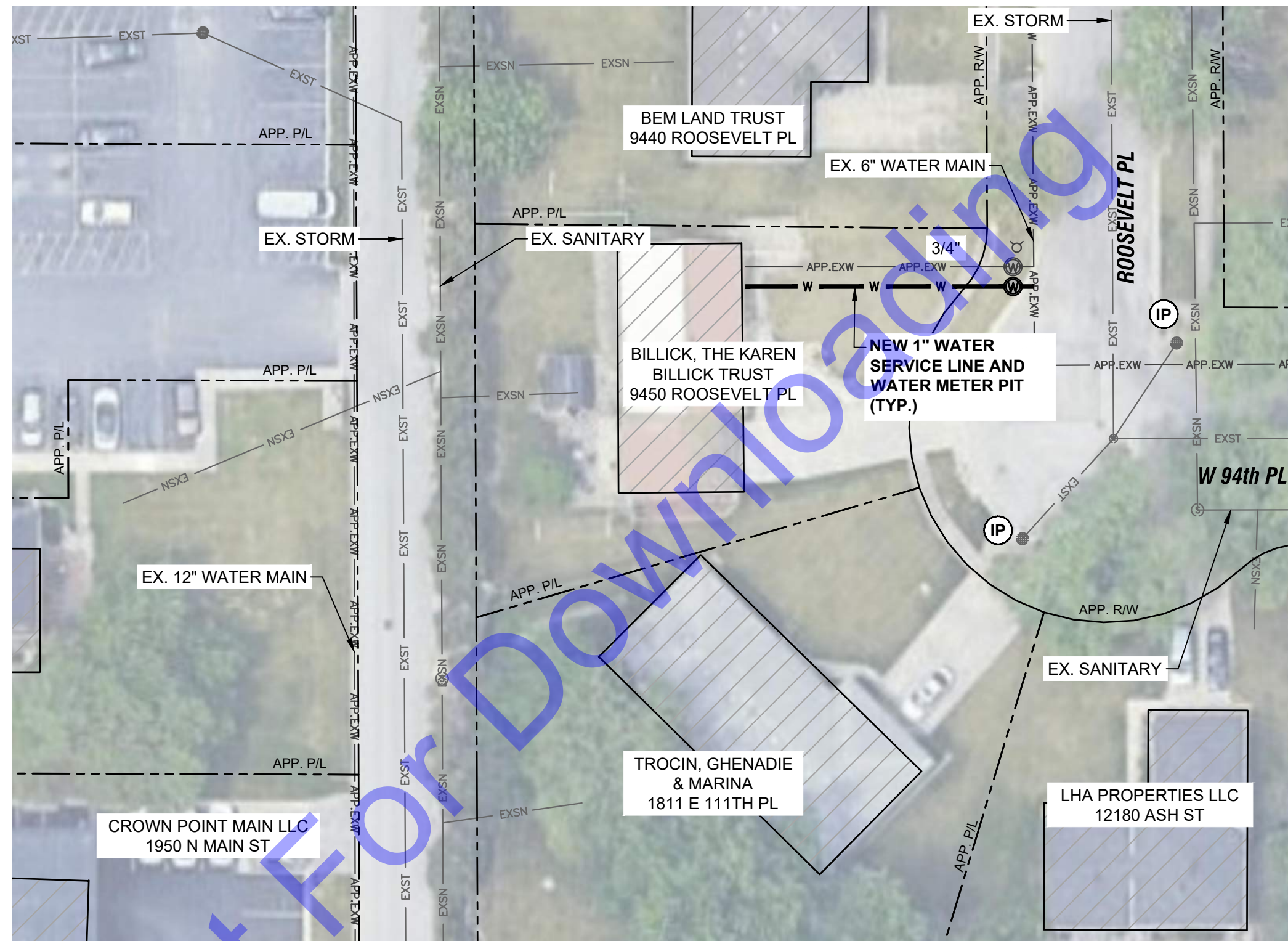
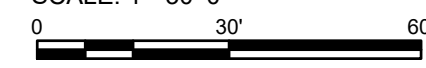
AREA 6 - DRAWING INDEX

Drawing No: **C6-0**
Sheet: 63 OF 98



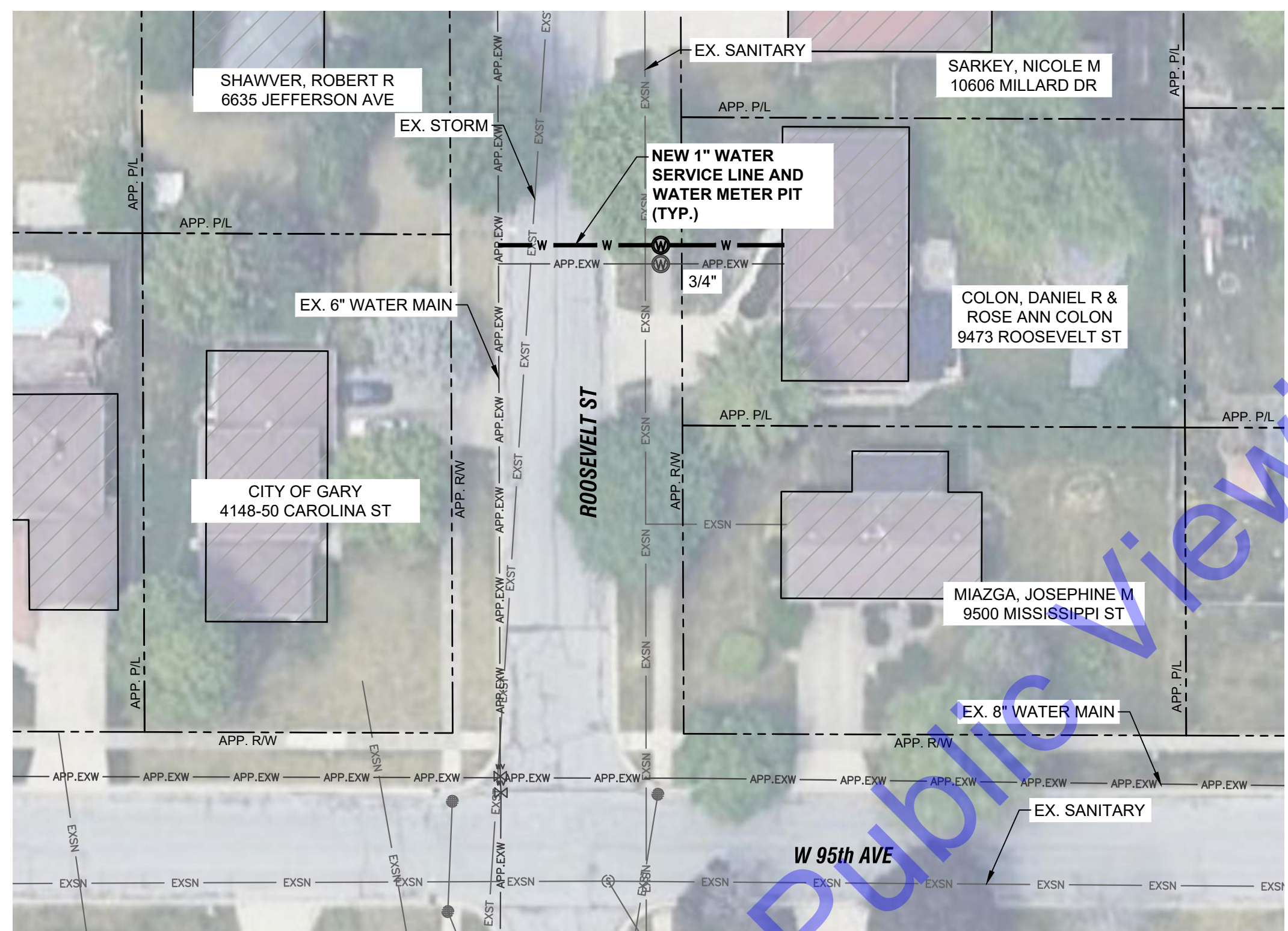
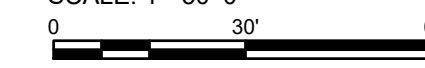
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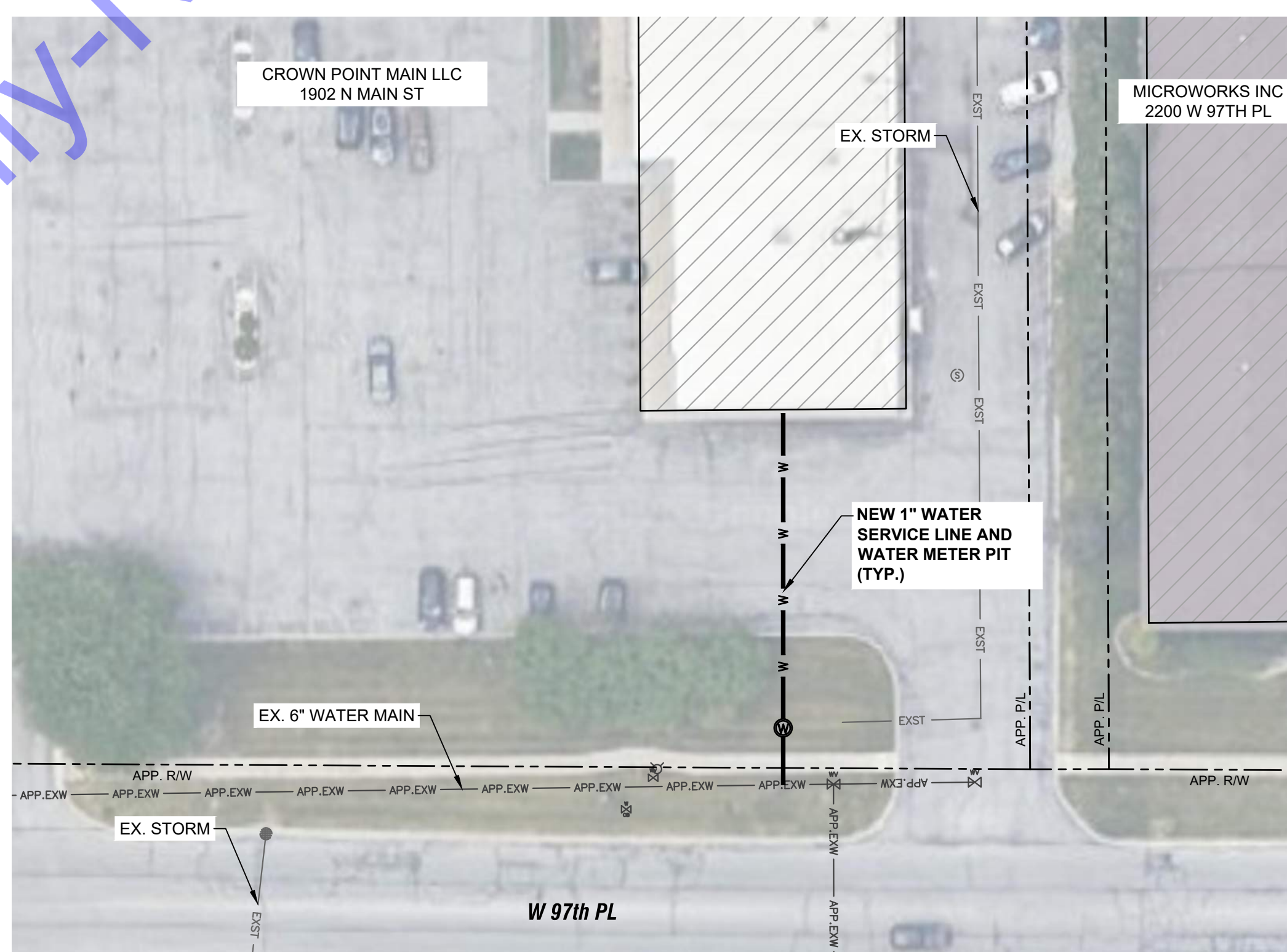
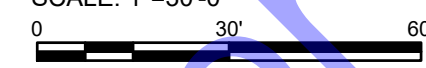
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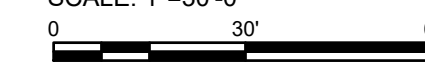
PLAN VIEW

SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



EROSION CONTROL LEGEND:

IP INLET PROTECTION

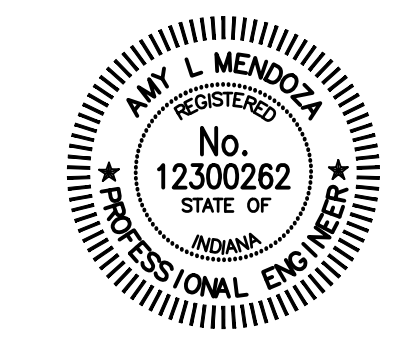
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Signature: Amy L. Mendoza Date: 2-12-25

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 LEAD SERVICE LINE
 REPLACEMENTS

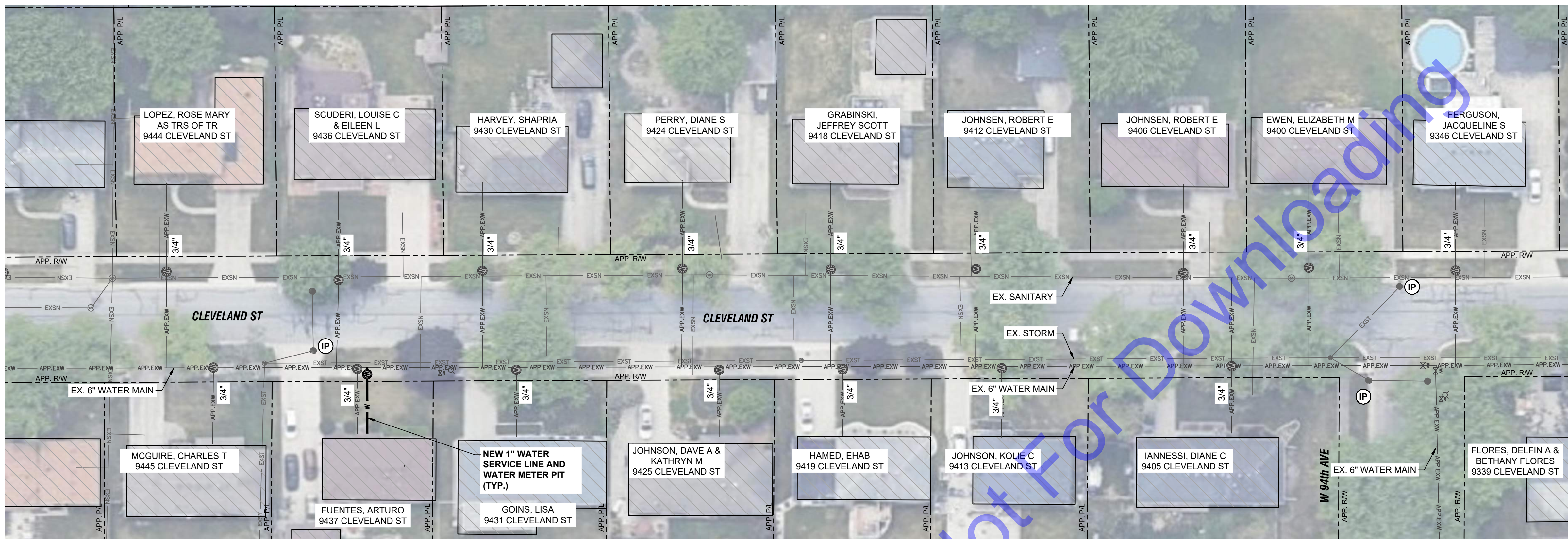
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No.	Submission / Revision	Date	By

Designed By: ALM Drawn By: KG/JL Checked By: JW
 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 6 - PLAN VIEWS

Drawing No: C6-1
 Sheet: 64 OF 98

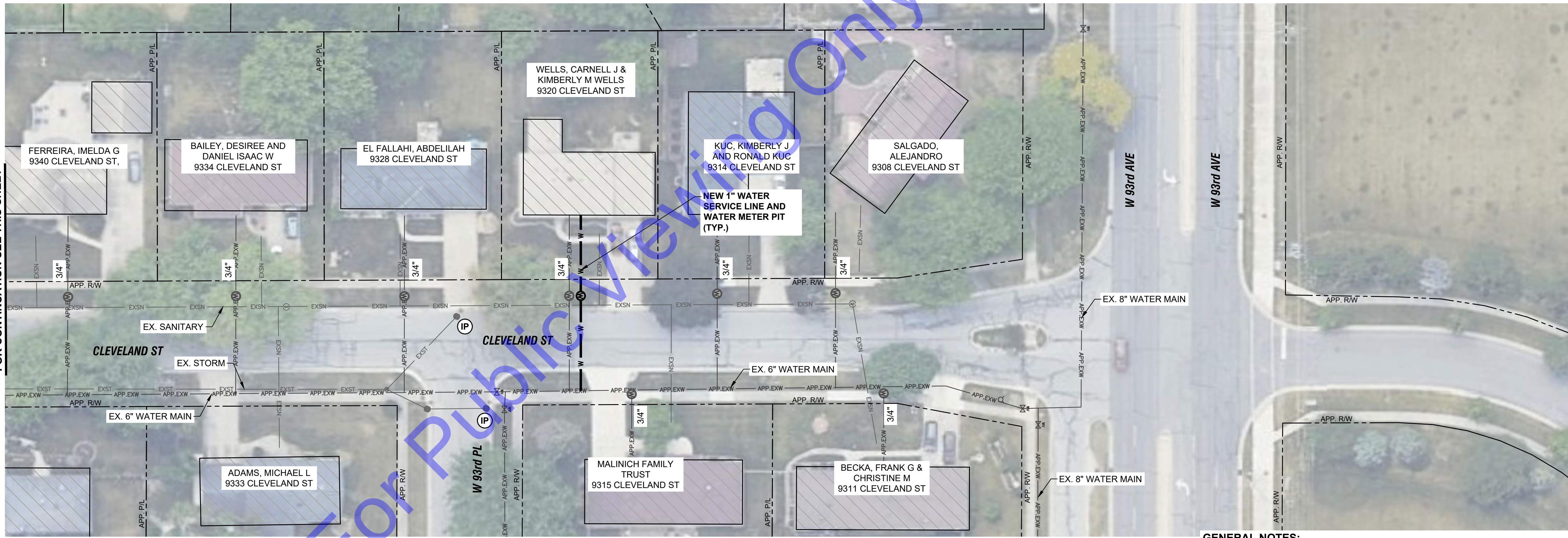


PLAN VIEW

SCALE: 1"=30'-0"



FOR CONTINUATION SEE THIS SHEET



PLAN VIEW

SCALE: 1"=30'-0"



FOR CONTINUATION SEE THIS SHEET

EROSION CONTROL LEGEND:

IP INLET PROTECTION

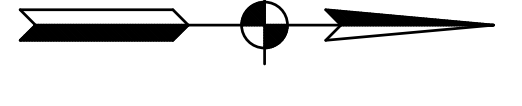
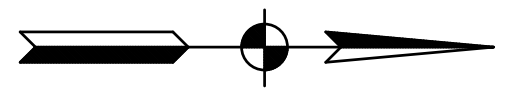
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AMY L. MENDOZA
 REGISTERED PROFESSIONAL ENGINEER
 No. 12300262
 STATE OF INDIANA

Signature: *Amy L. Mendoza* Date: 2-12-25

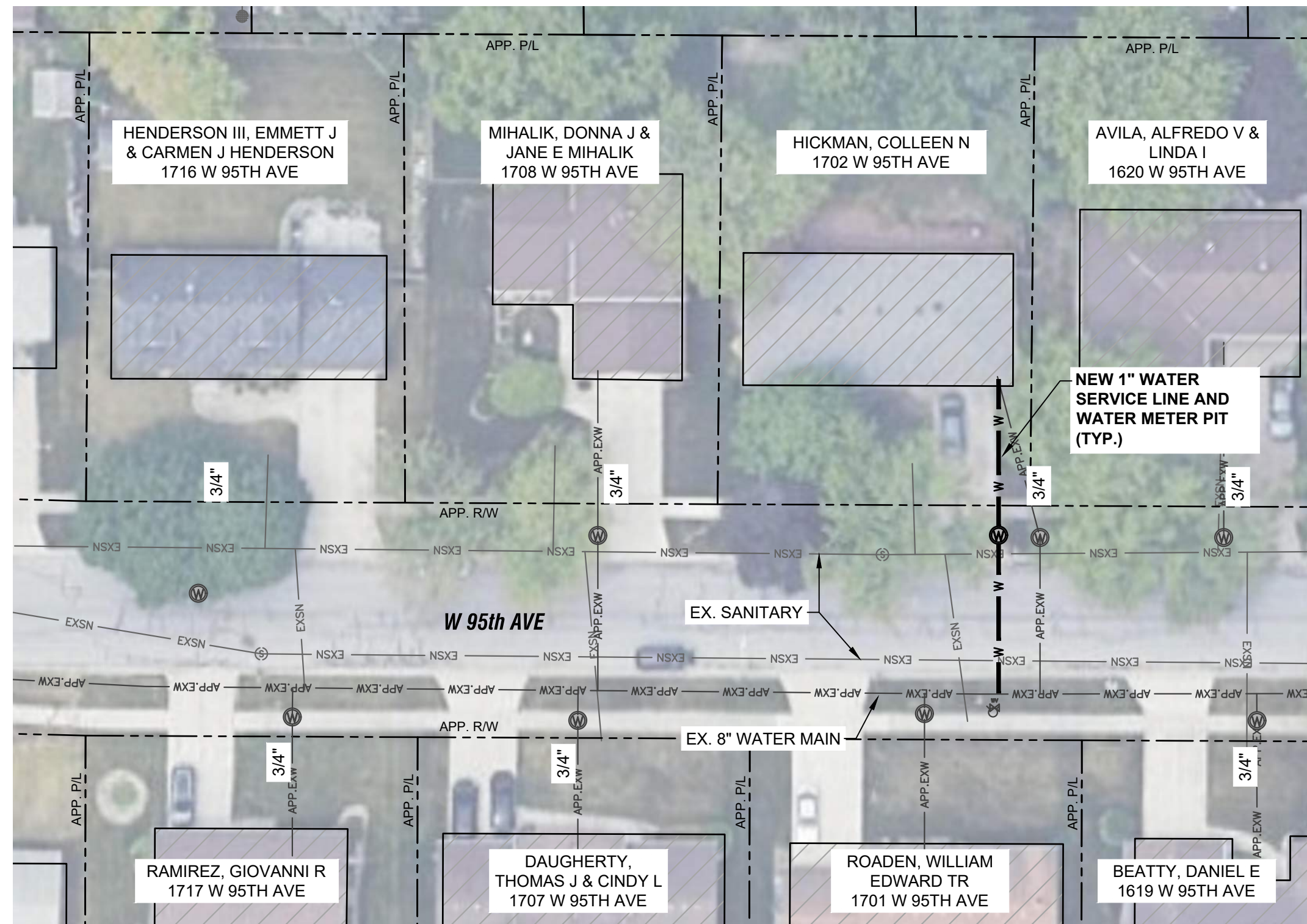
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 LAKE COUNTY, INDIANA
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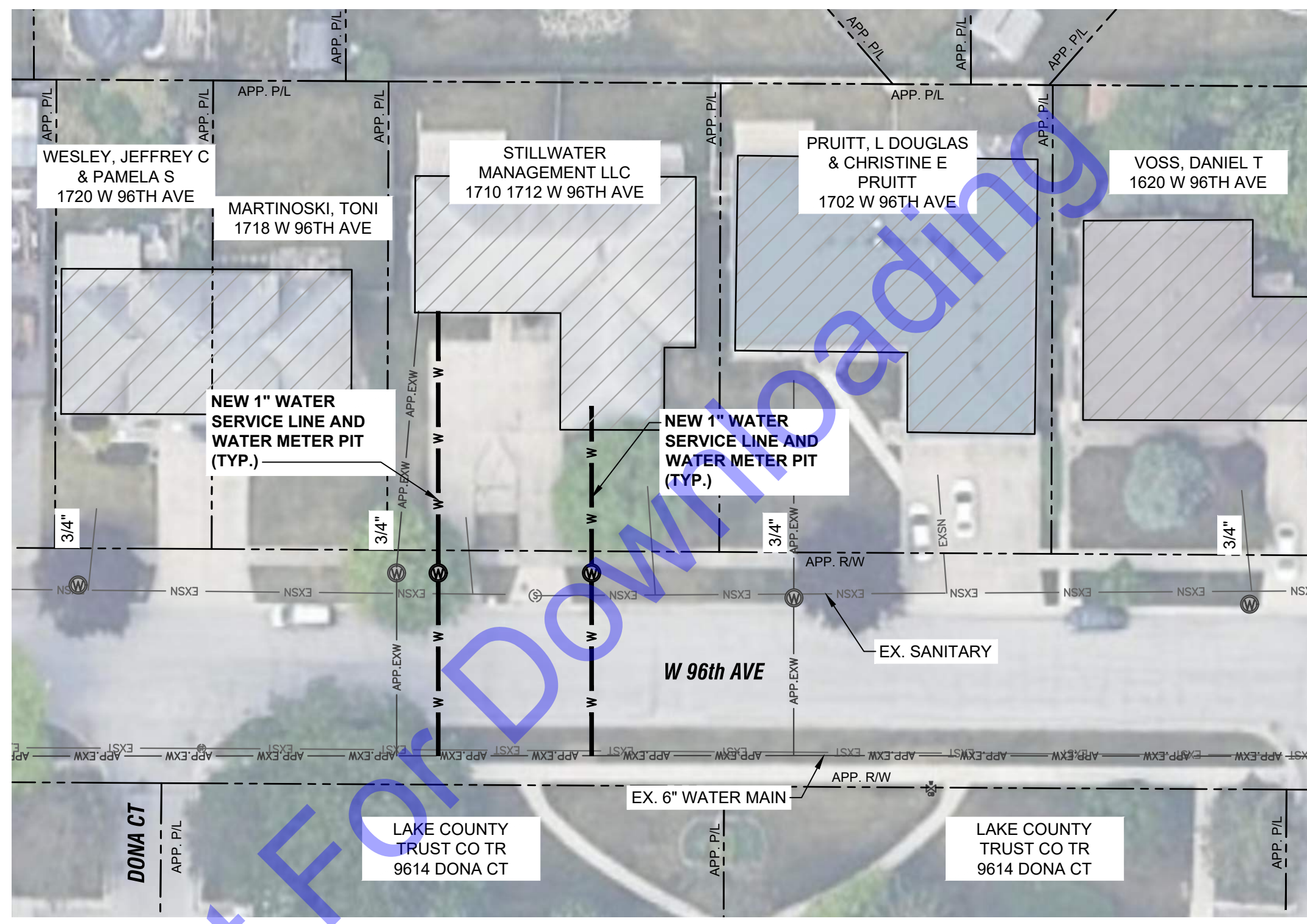
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AREA 6 - PLAN VIEWS



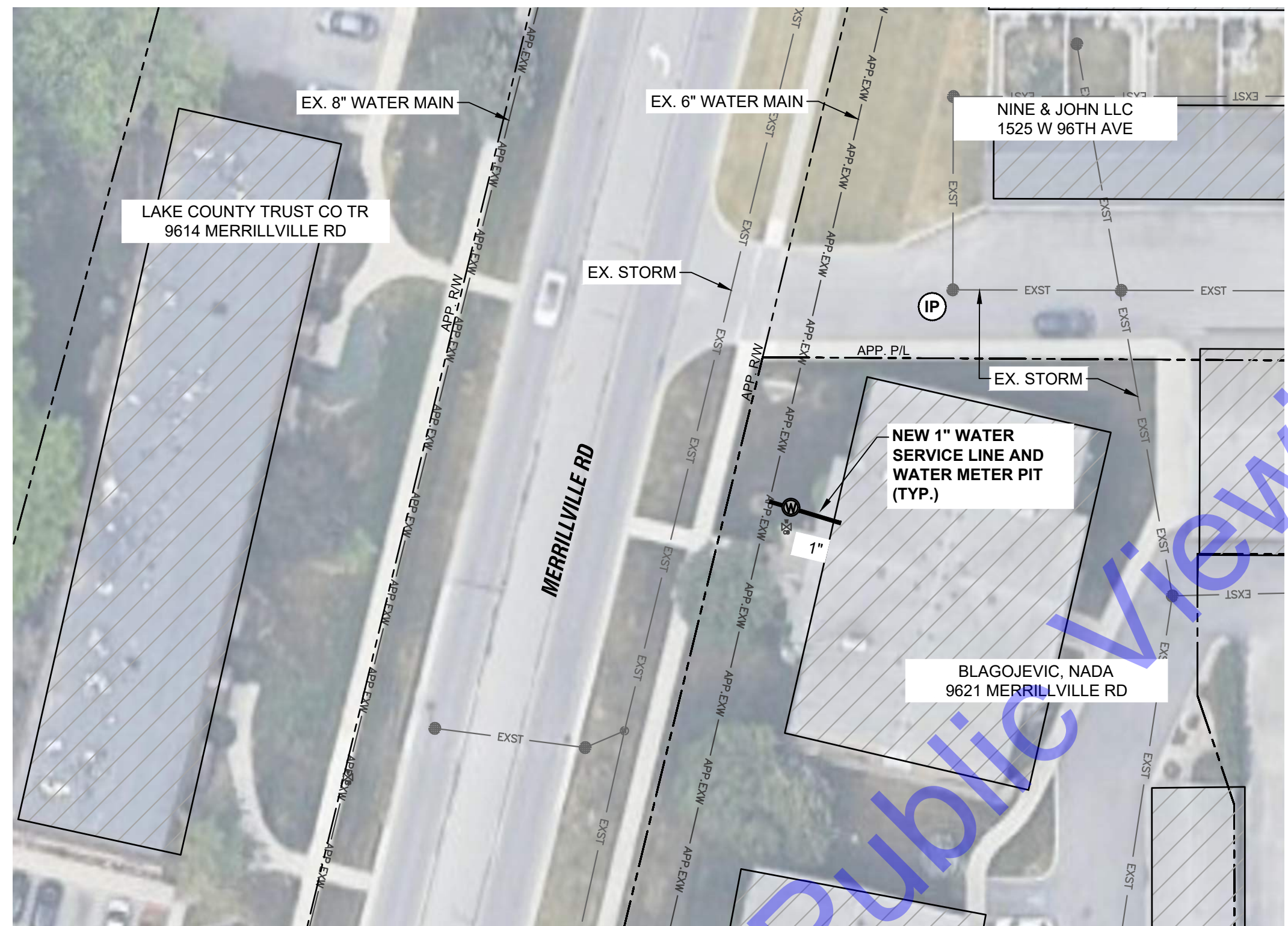
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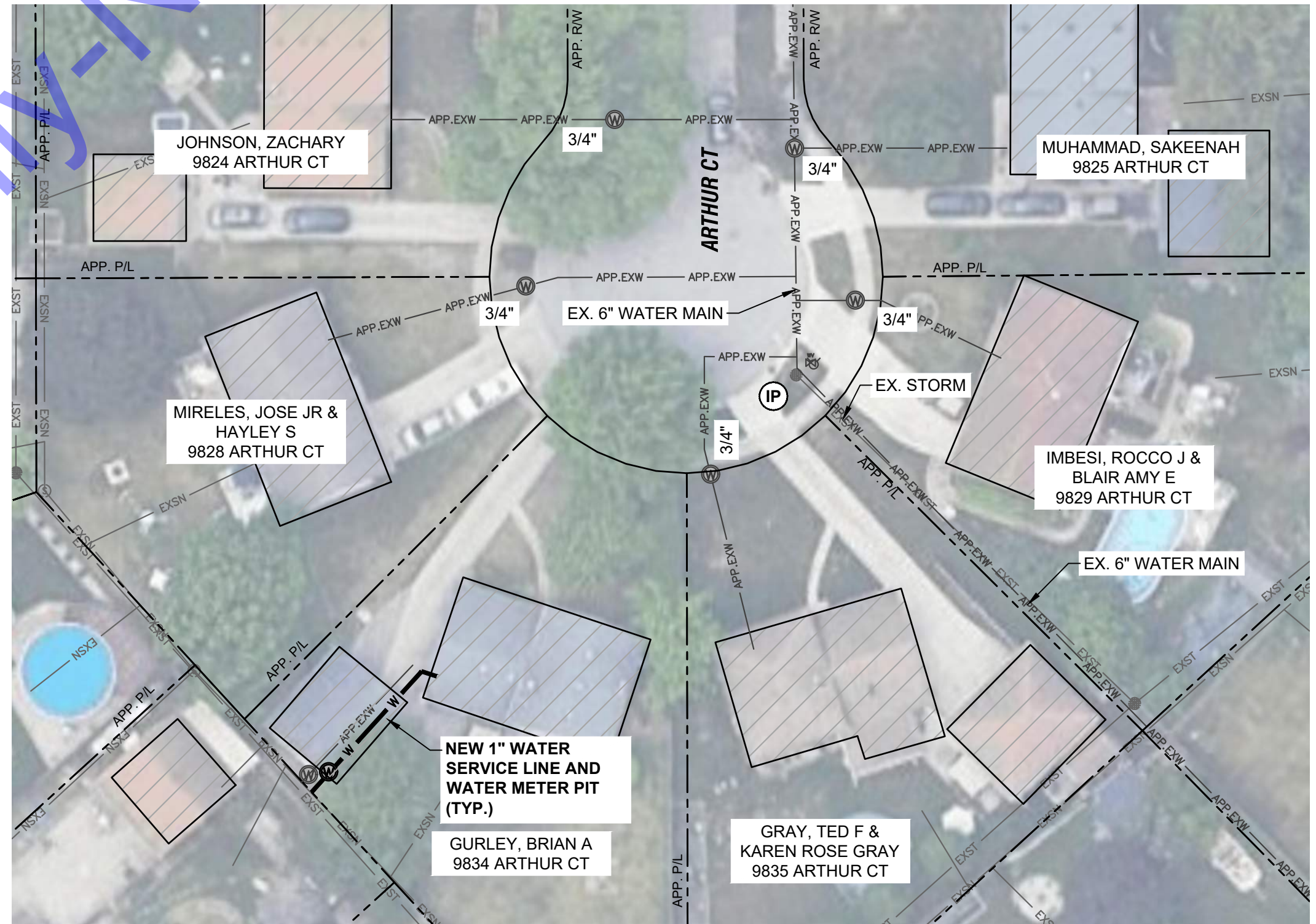
PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'



PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'



PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'

EROSION CONTROL LEGEND:

IP INLET PROTECTION

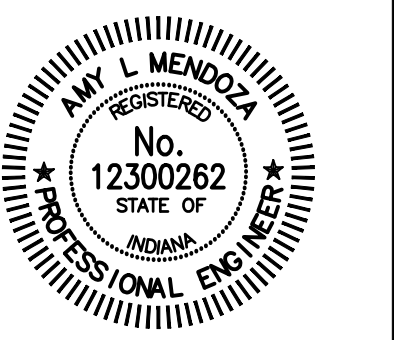
EROSION CONTROL NOTES:

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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

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Signature: *Amy L. Mendoza* Date: 2-12-25

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LAKE COUNTY, INDIANA
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No.	Submittal / Revision	Date	By

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 6 - PLAN VIEWS

Drawing No: **C6-3**
Sheet: 66 OF 98

FILE: Z:\SHARED\CLIENTS\LAKE COUNTY\POINT OF VIEW\07-2024\LAKE COUNTY\PROJECTS\CAD\CURRENT FILES\DRAININGS\03-PLAN VIEW AREA.DWG
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EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

EROSION CONTROL NOTES:

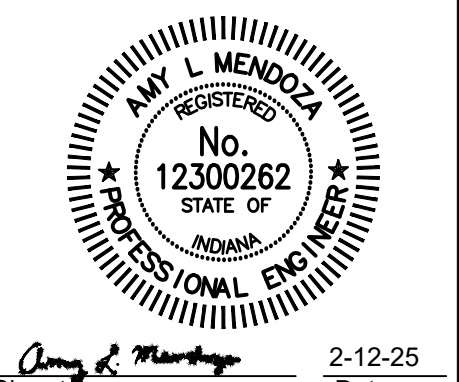
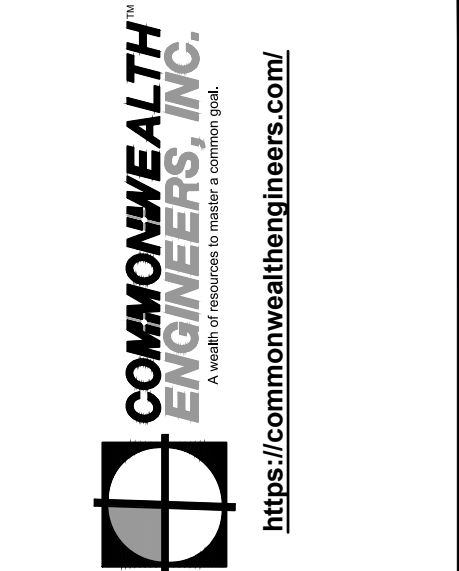
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PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
 REPLACEMENTS



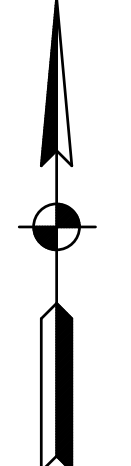
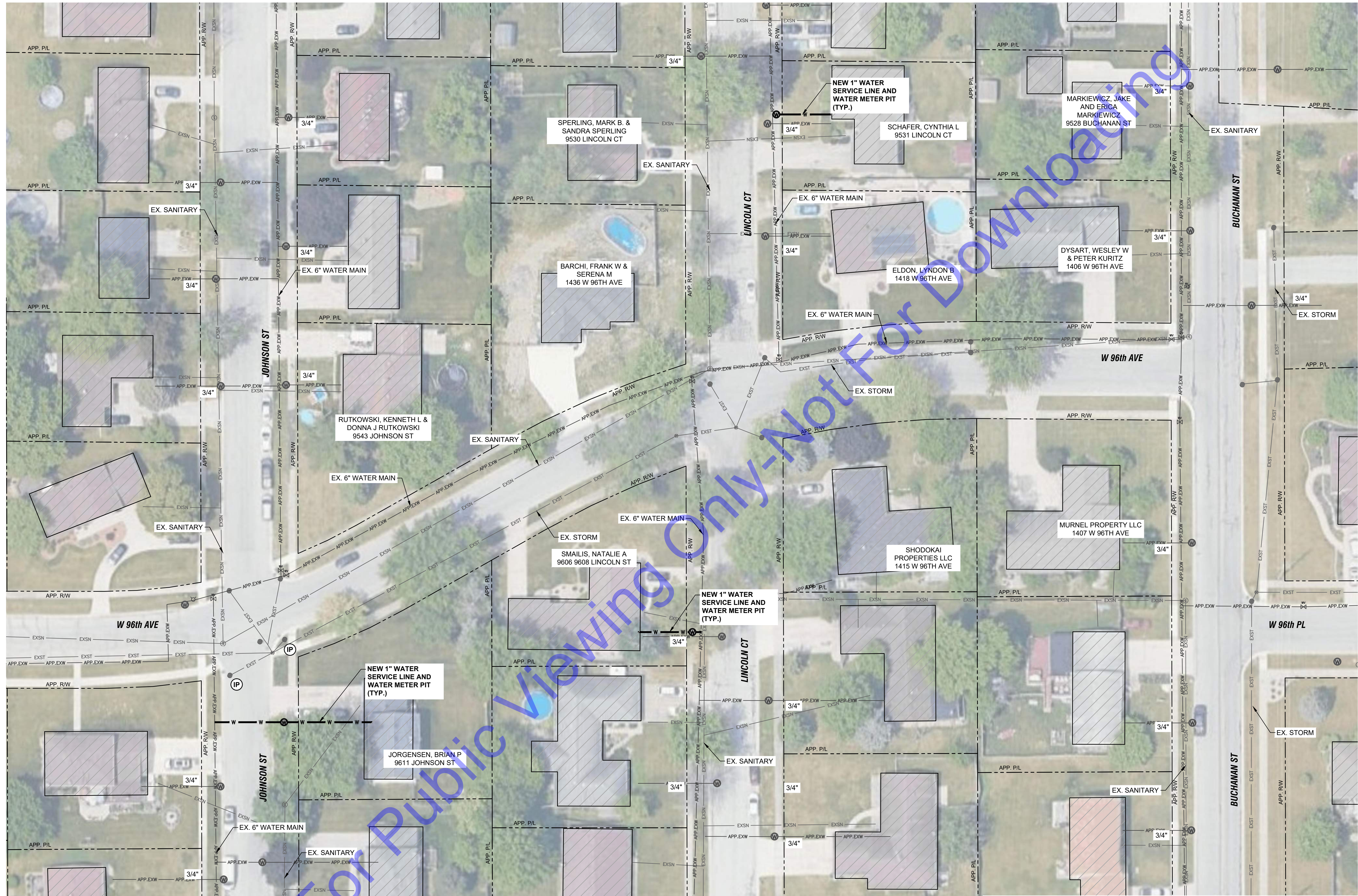
No.	Submittal / Revision	Date	By

Designed By: ALM Drawn By: KG/JL Checked By: JW
 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 6 - PLAN VIEW

Drawing No: **C6-4**
 Sheet: 67 OF 98

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EROSION CONTROL LEGEND:

- (IP) INLET PROTECTION

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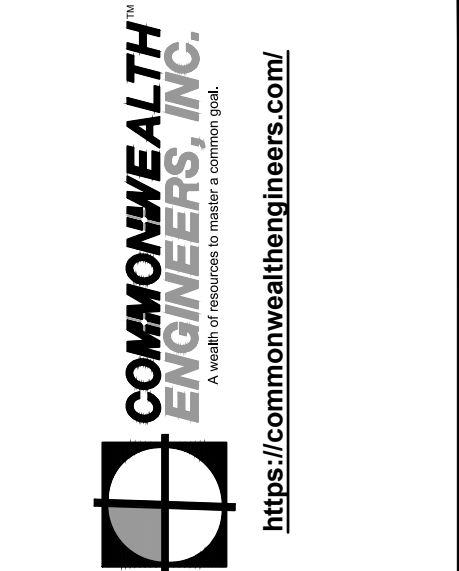
FOR CONTINUATION SEE DWG C6-6

PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'

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Professional Engineer Seal for Amy L. Mendola, No. 12300262, State of Indiana. Signature and Date 2-12-25.

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LAKE COUNTY, INDIANA
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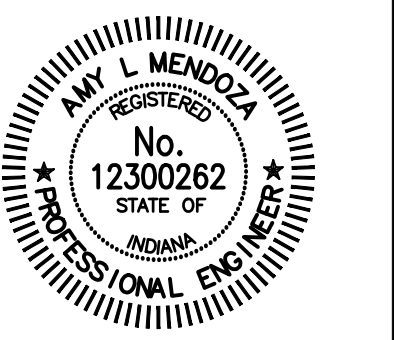
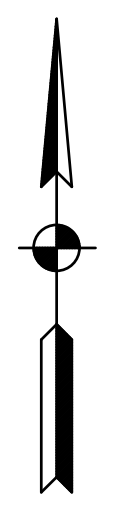
No.	Submittal/Revision	Date

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 6 - PLAN VIEW

Drawing No: C6-5
Sheet: 68 OF 98

FOR CONTINUATION SEE DWG C6-5



Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
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No.	Submittal / Revision	Date

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 6 - PLAN VIEW

Drawing No: **C6-6**
Sheet: 69 OF 98

EROSION CONTROL LEGEND:
IP INLET PROTECTION

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PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'

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EROSION CONTROL LEGEND:

Ⓟ INLET PROTECTION

EROSION CONTROL NOTES:

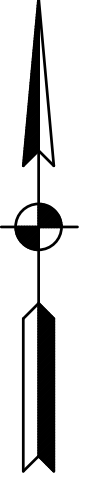
1. CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS SPECIFIED IN THE DETAILED SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO INLET PROTECTION, TEMPORARY SEEDING, ETC. AS REQUIRED DURING THE DURATION OF THE PROJECT TO MAINTAIN COMPLIANCE WITH THE GENERAL STORM WATER CONSTRUCTION PERMIT. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE GENERAL STORM WATER CONSTRUCTION PERMIT, INCLUDING PROVIDING REQUIRED NOTIFICATIONS TO THE REQUIRED AGENCIES.
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PLAN VIEW

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 0 30' 60'

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Professional Engineer Seal for Amy L. Mendoza, No. 12300262, State of Indiana. Signature: Amy L. Mendoza, Date: 2-12-25.

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
LEAD SERVICE LINE REPLACEMENTS

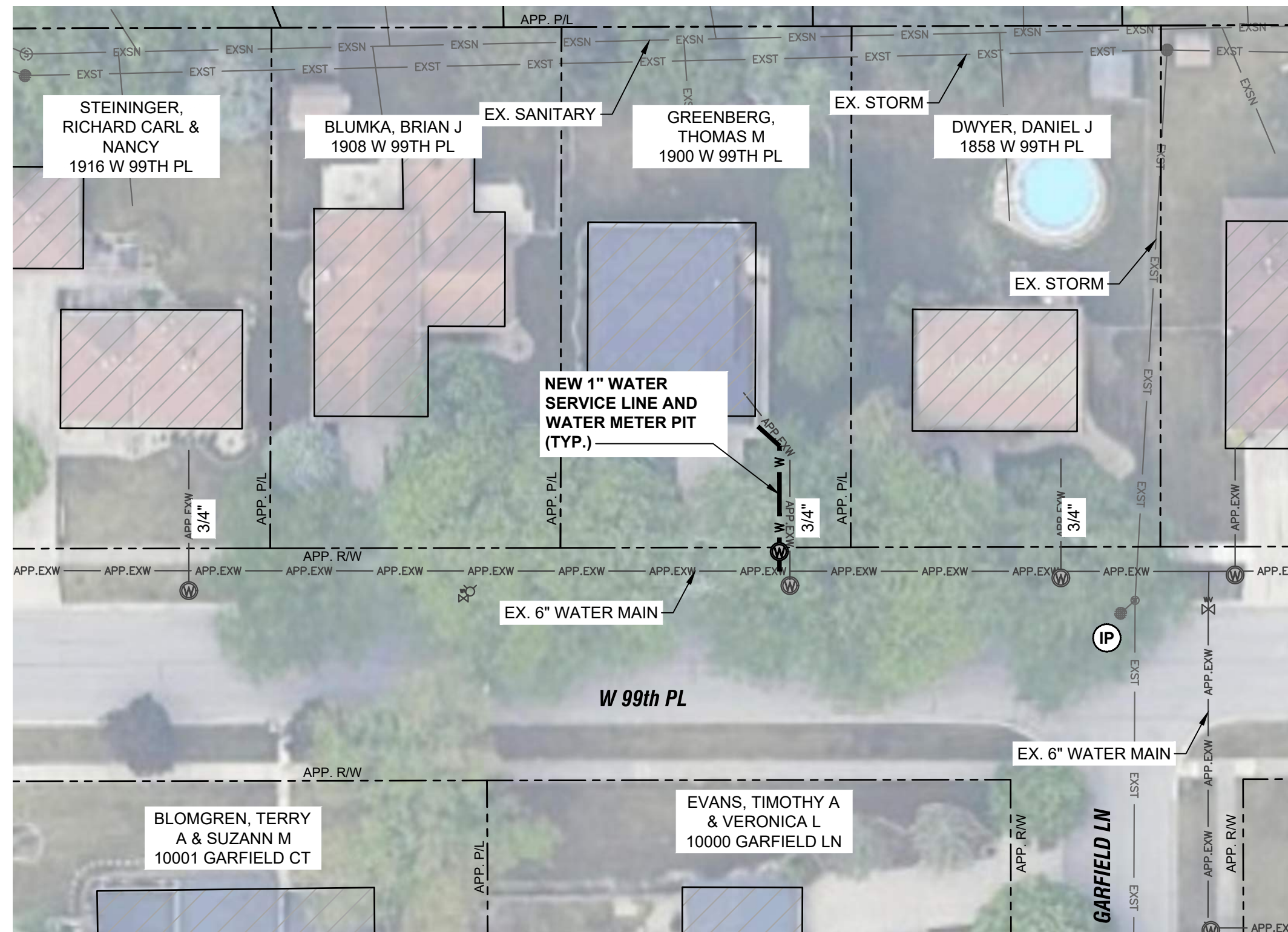
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No.	Submittal / Revision	Date	By

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

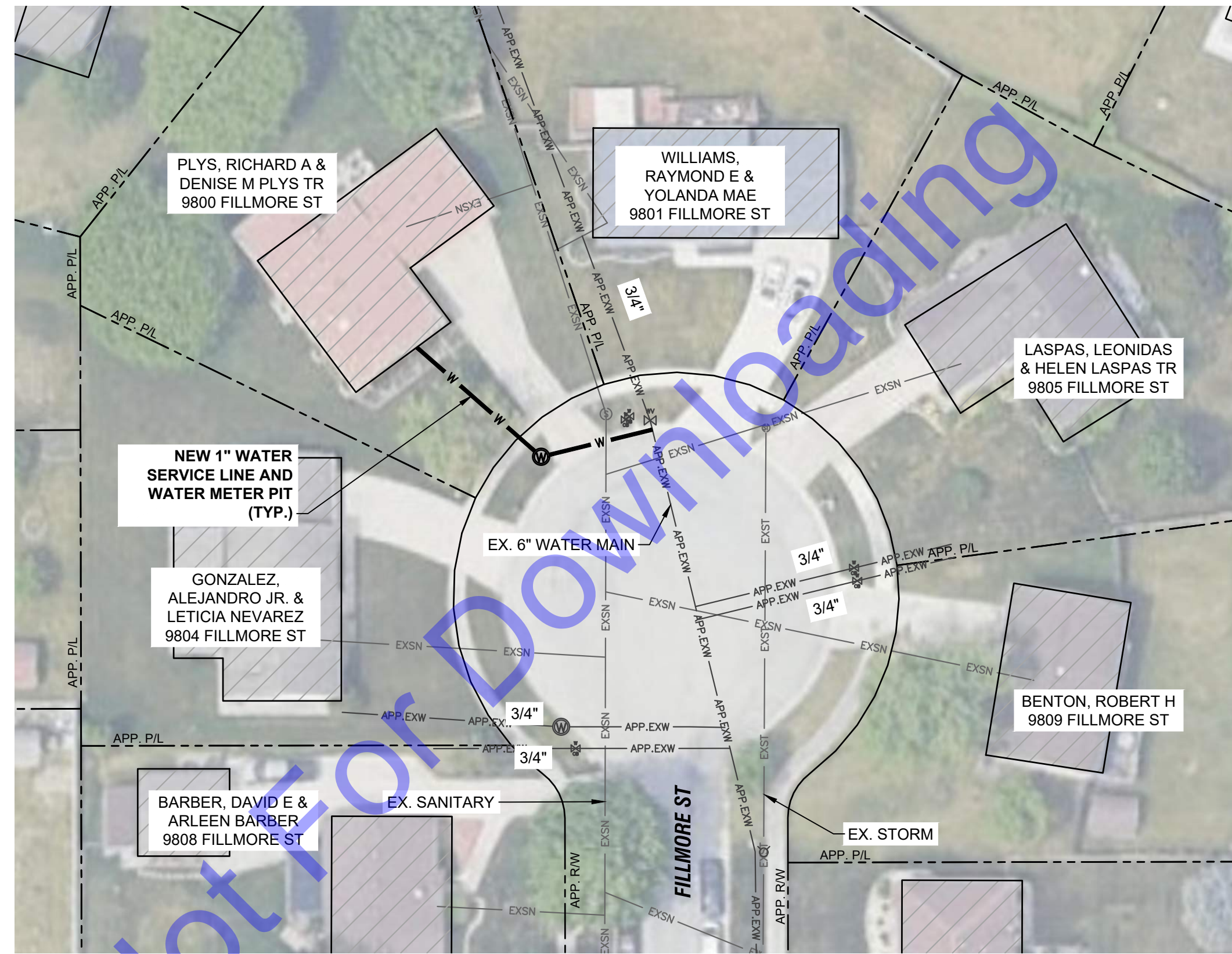
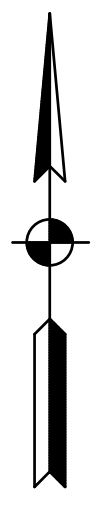
AREA 6 - PLAN VIEW

Drawing No:
C6-7
 Sheet: 70 OF 98



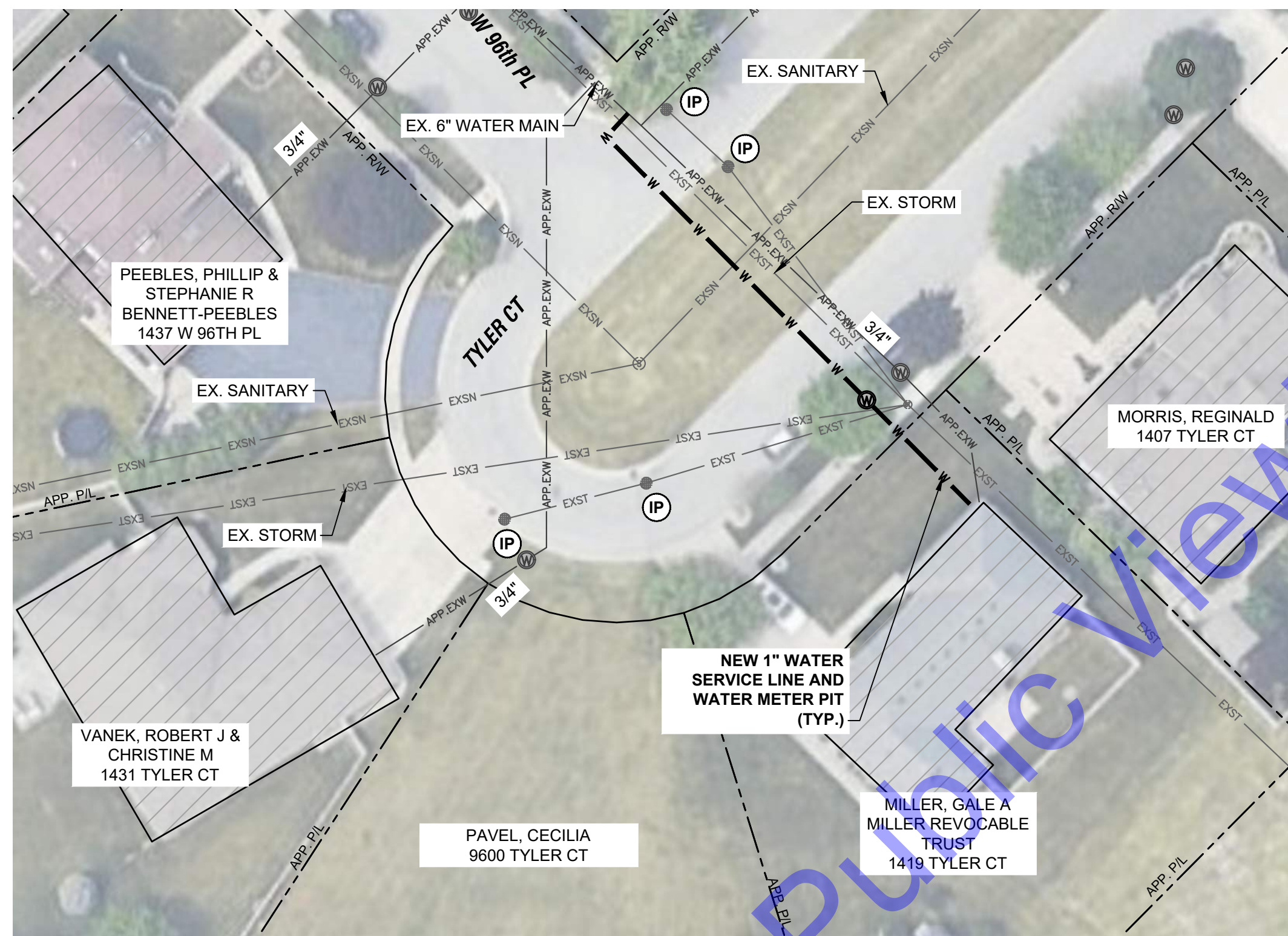
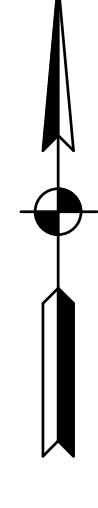
PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'



PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'



PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'



EROSION CONTROL LEGEND:

IP INLET PROTECTION

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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE
REPLACEMENTS

Date	By	Submitted / Revision

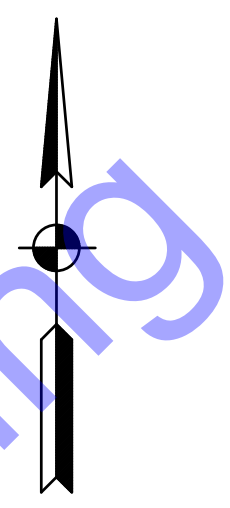
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Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 6 - PLAN VIEWS

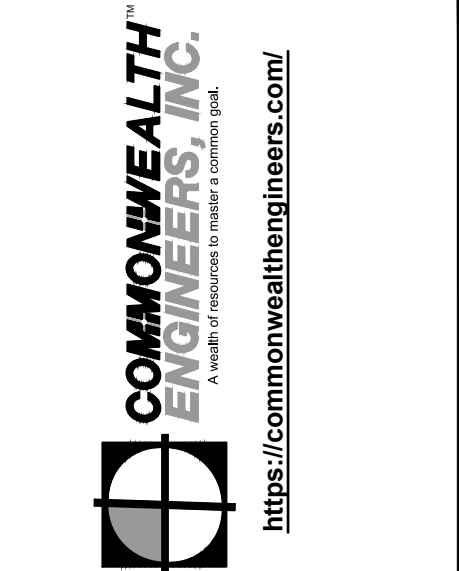
Drawing No:
C6-8
Sheet: 71 OF 98



PLAN VIEW
 SCALE: 1"=500'-0"
 0 500' 1,000'



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AMY L. MENDOZA
 REGISTERED
 No. 12300262
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

Amy L. Mendoza 2-12-25
 Signature Date

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
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Date	By	Submittal / Revision

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

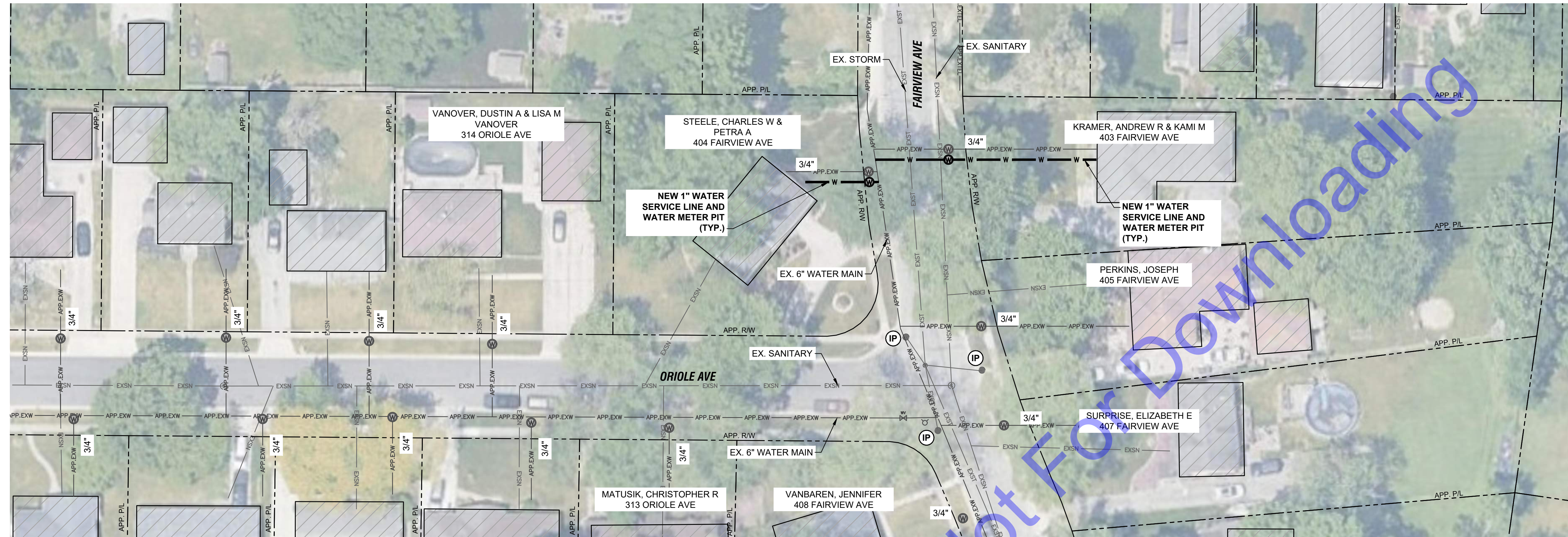
AREA 7 - DRAWING INDEX

Drawing No:
C7-0

Sheet: 72 OF 98

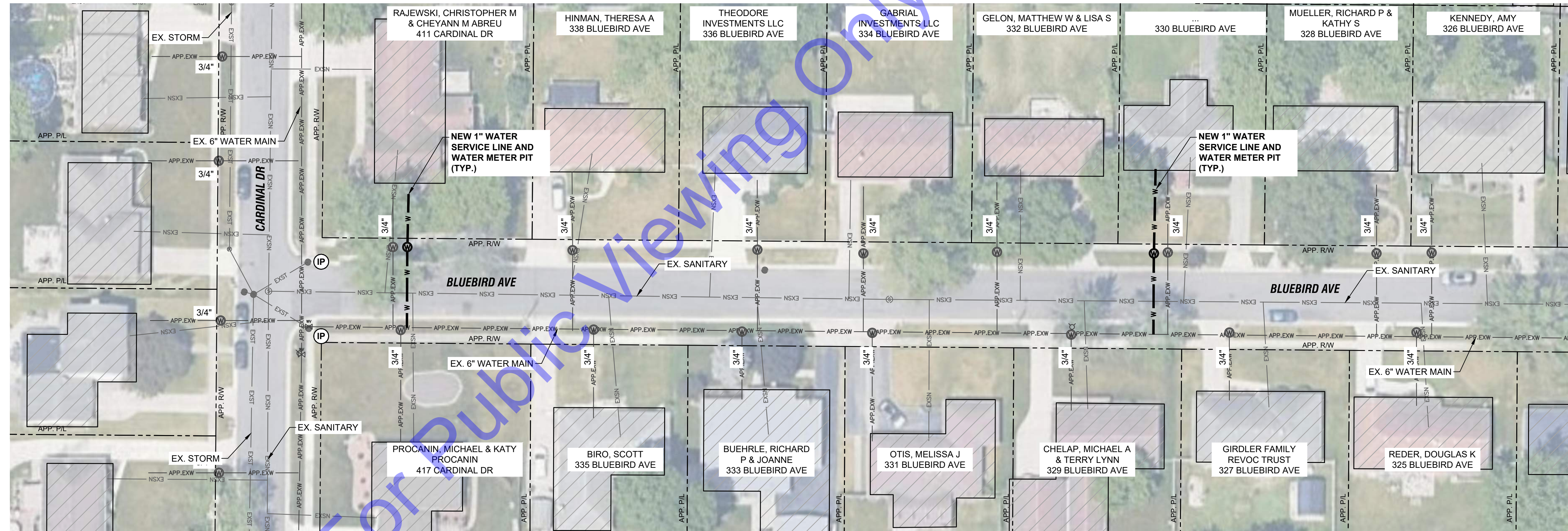
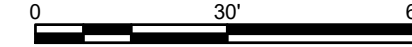
LEGEND
 LEAD SERVICE REPLACEMENT LOCATIONS





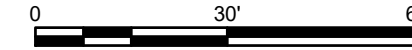
PLAN VIEW

SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



GENERAL NOTES:

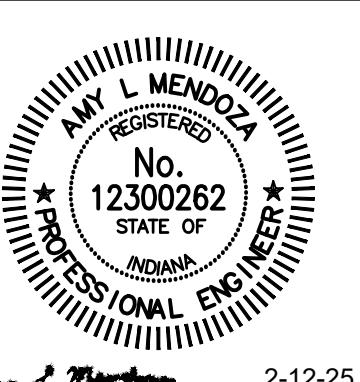
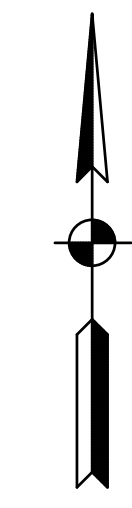
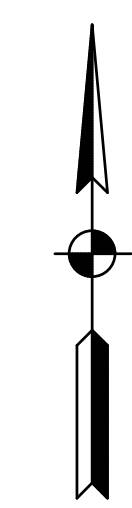
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2. SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.



Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
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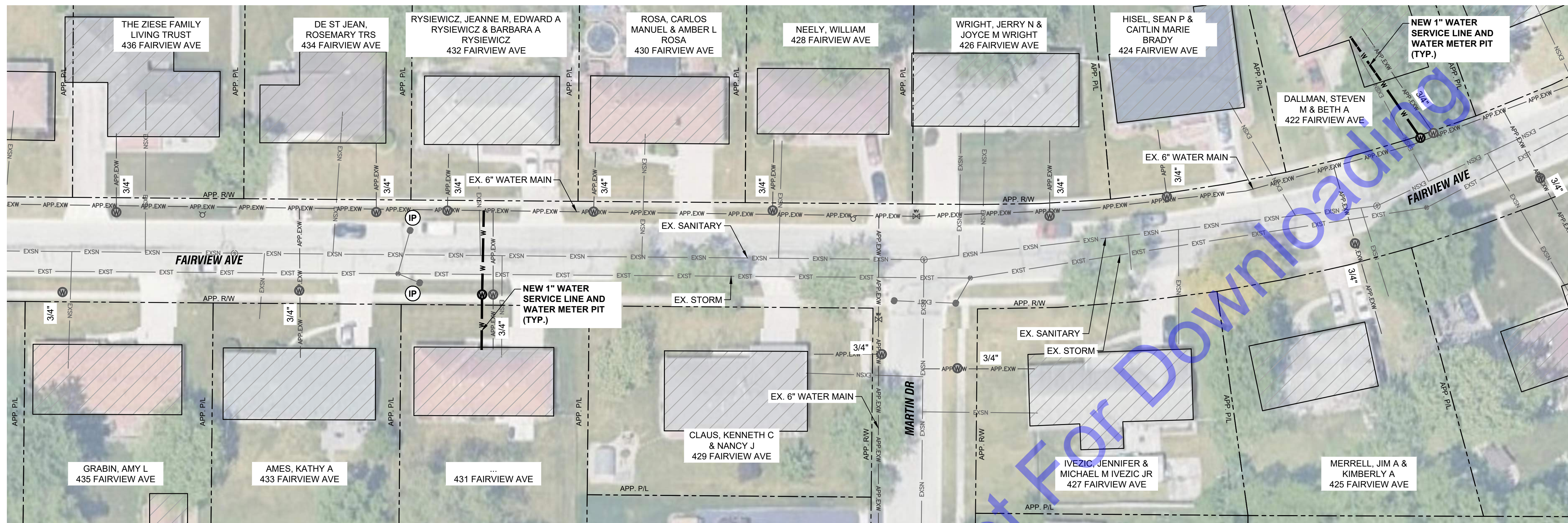
No.	Submittal / Revision	Date	By

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 7 - PLAN VIEWS

Drawing No: **C7-1**
Sheet: 73 OF 98

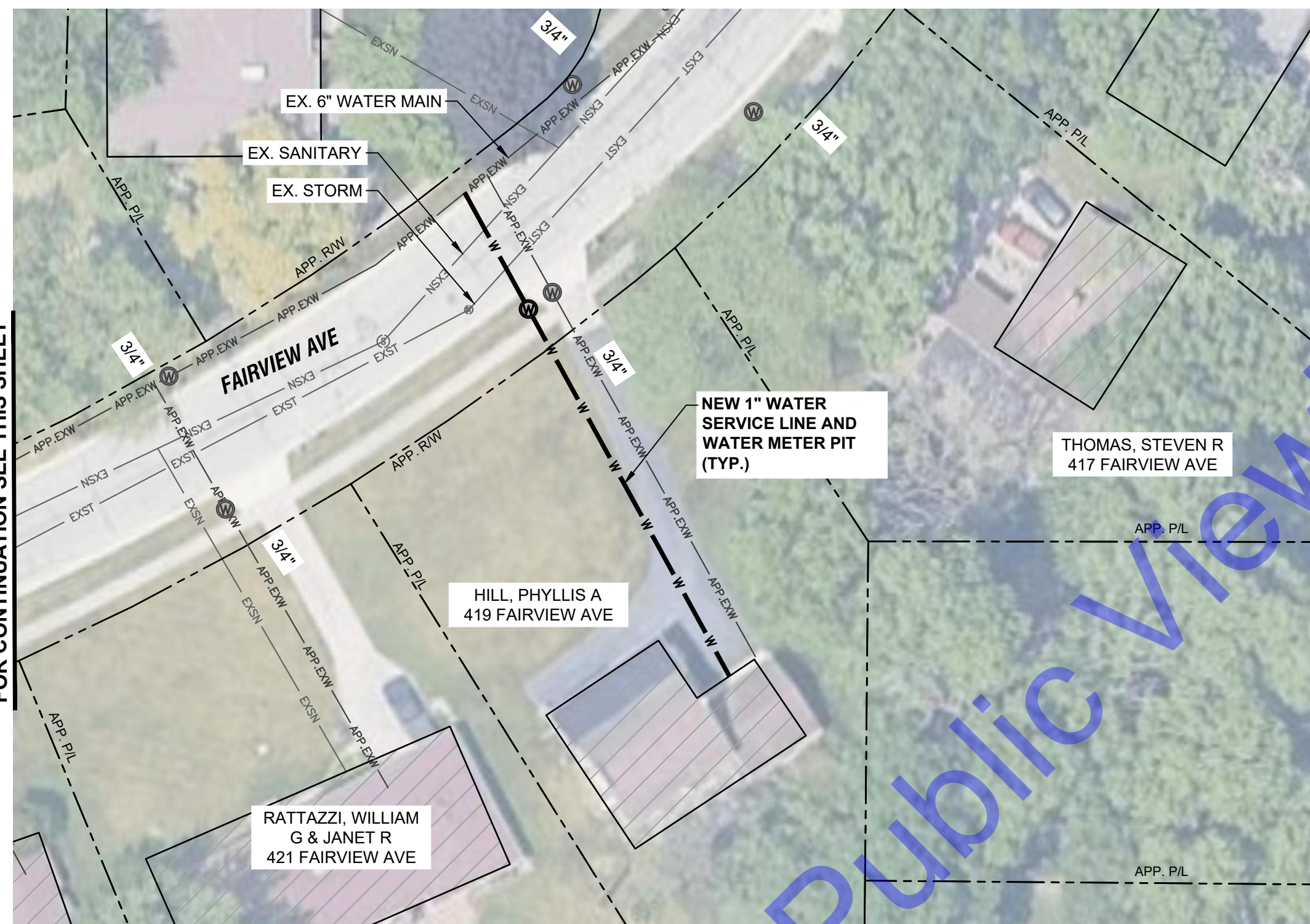
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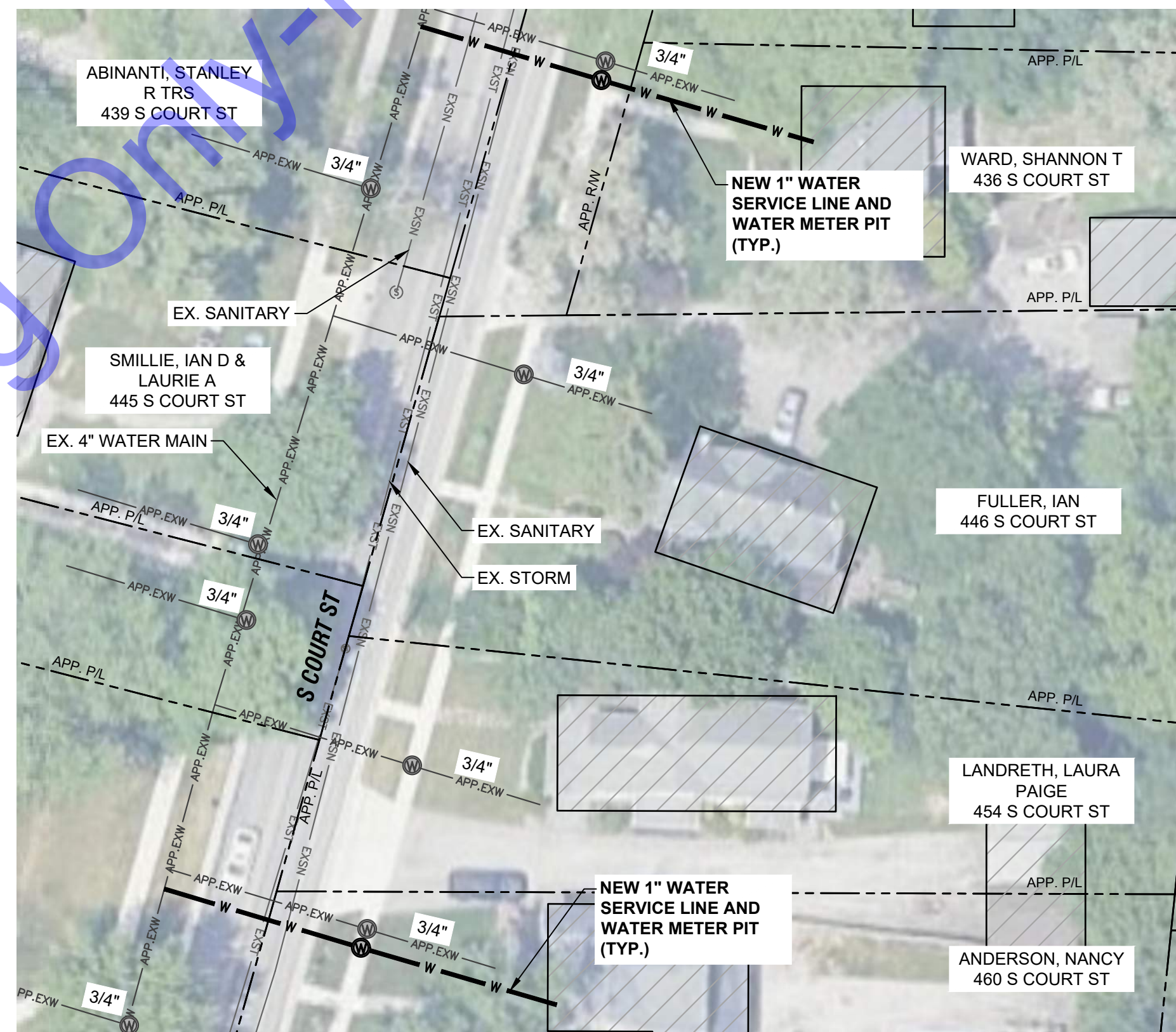
PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'



PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'



PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'

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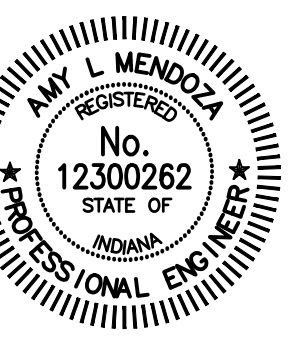
EROSION CONTROL LEGEND:

IP INLET PROTECTION

EROSION CONTROL NOTES:

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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

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Signature: Amy L. Mendoza Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE
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No.	Submittal / Revision	Date

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 7 - PLAN VIEWS

Drawing No:
C7-2
Sheet: 74 OF 98

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FOR CONTINUATION SEE DWG C7-4

EROSION CONTROL LEGEND:

(IP) INLET PROTECTION

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PLAN VIEW

SCALE: 1"=30'-0"
0 30' 60'

GENERAL NOTES:

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Professional Engineer Seal: AMY L. MENDOZA, No. 12300262, STATE OF INDIANA, REGISTERED PROFESSIONAL ENGINEER.

Signature: Amy L. Mendoza Date: 2-12-25

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LAKE COUNTY, INDIANA
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No.	Submittal / Revision	Date	By

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 7 - PLAN VIEW

Drawing No: **C7-3**
Sheet: 75 OF 98

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FOR CONTINUATION SEE DWG C7-3



EROSION CONTROL LEGEND:

IP INLET PROTECTION

EROSION CONTROL NOTES:

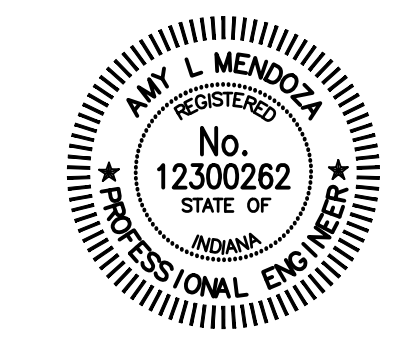
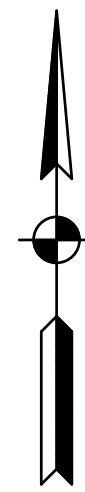
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PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
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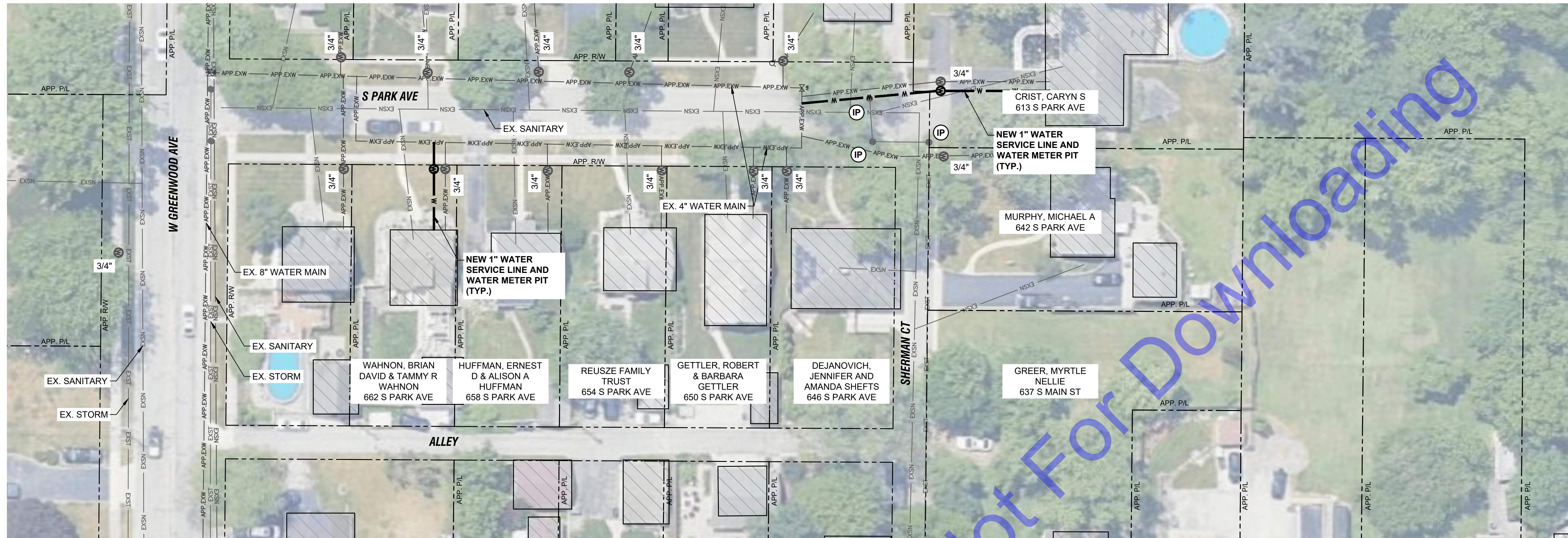
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Designed By: ALM Drawn By: KG/JL Checked By: JW
 Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 7 - PLAN VIEW

Drawing No:
C7-4
 Sheet: 76 OF 98



PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'



PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'

EROSION CONTROL LEGEND:

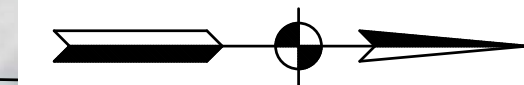
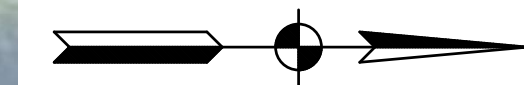
(IP) INLET PROTECTION

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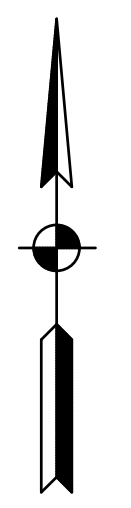
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Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 7 - PLAN VIEWS

Drawing No: **C7-5**
Sheet: 77 OF 98

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REGISTERED PROFESSIONAL ENGINEER
 No. 12300262
 STATE OF INDIANA
 Signature: *Amy L. Mendoza* Date: 2-12-25

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 LAKE COUNTY, INDIANA
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Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

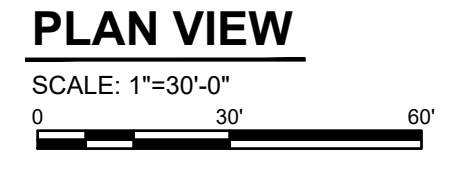
AREA 7 - PLAN VIEW

Drawing No:
C7-6
 Sheet: 78 OF 98

EROSION CONTROL LEGEND:
 (IP) INLET PROTECTION

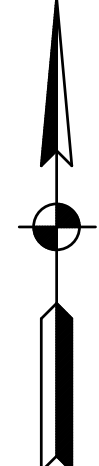
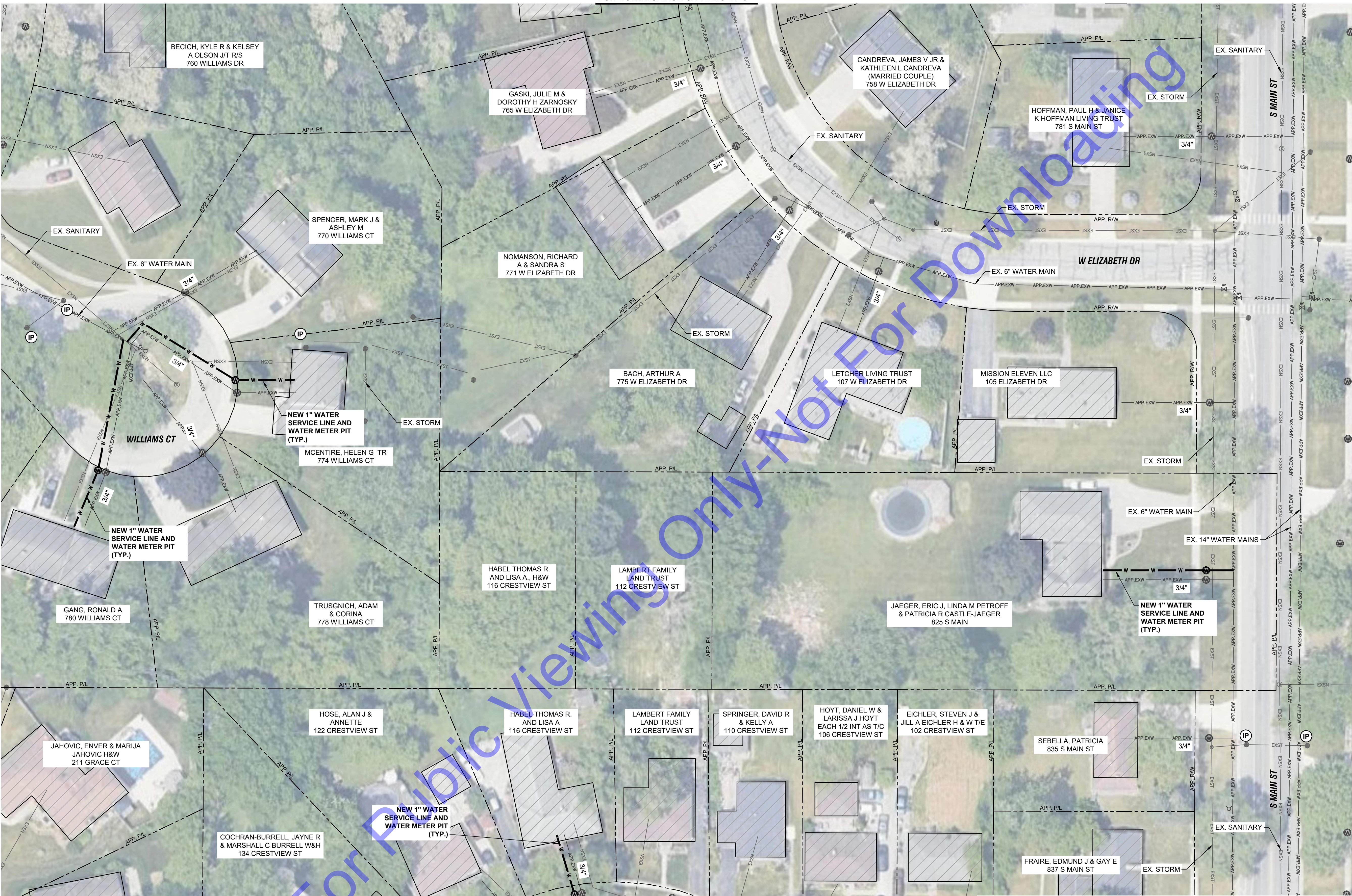
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FOR CONTINUATION SEE DWG C7-7



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FOR CONTINUATION SEE DWG C7-6



Signature: *Amy L. Mendoza* Date: 2-12-25

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LAKE COUNTY, INDIANA
LEAD SERVICE LINE
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Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

AREA 7 - PLAN VIEW

Drawing No:
C7-7
Sheet: 79 OF 98

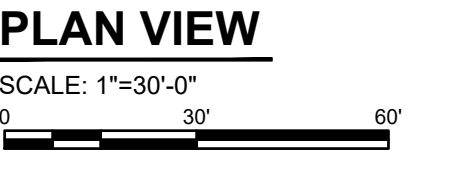
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FOR CONTINUATION SEE DWG C7-8

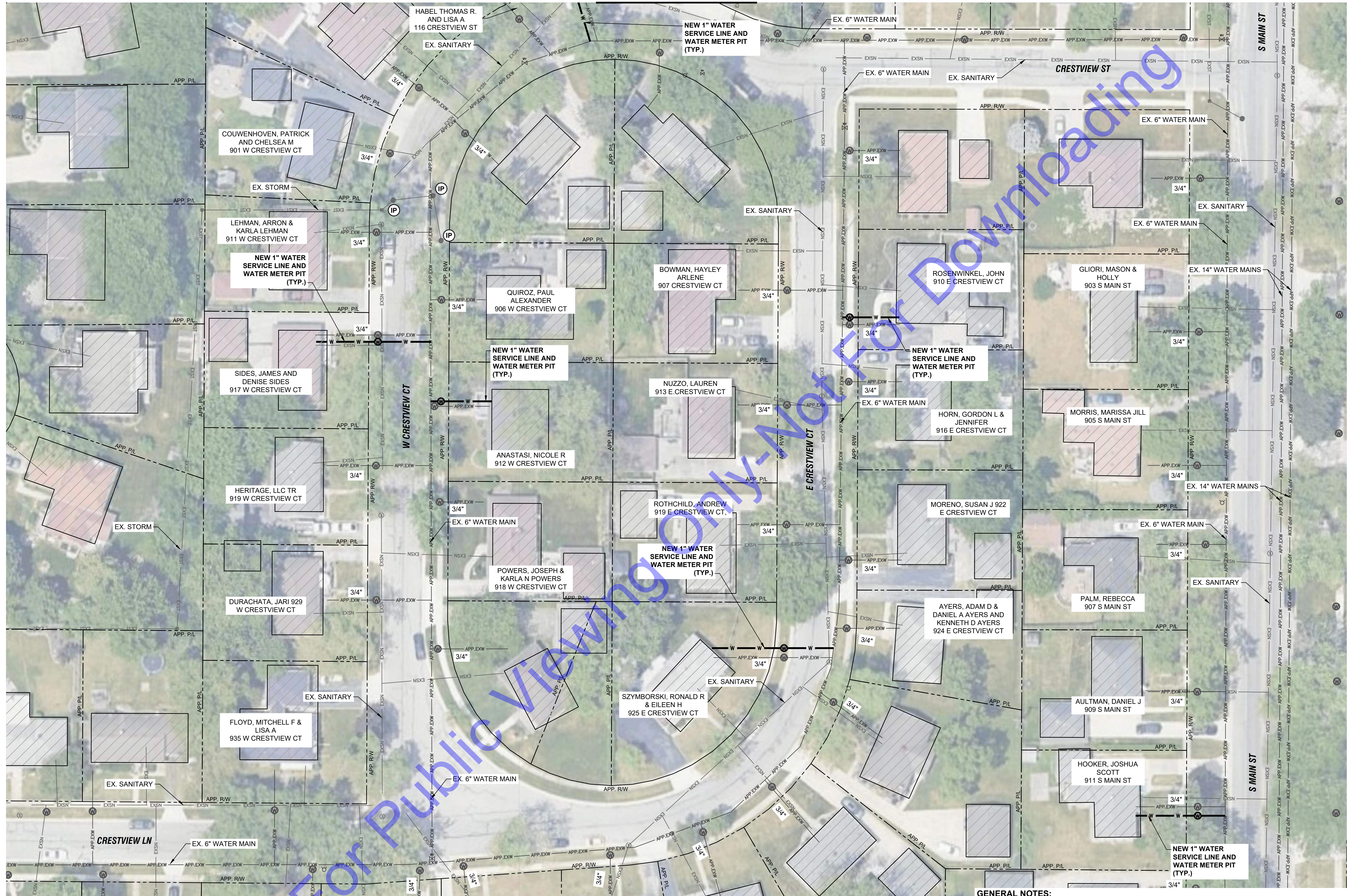


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EROSION CONTROL LEGEND:

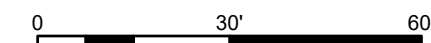
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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

PLAN VIEW

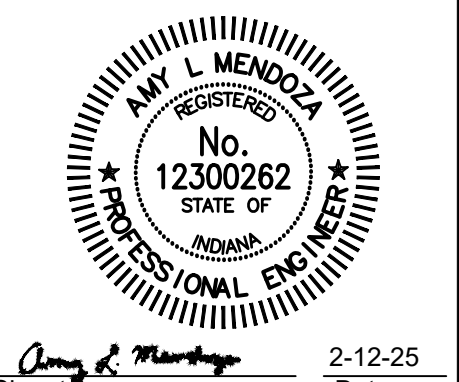
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Signature: *Amy L. Mendola* Date: 2-12-25

**CITY OF CROWN POINT
LAKE COUNTY, INDIANA**

**LEAD SERVICE LINE
REPLACEMENTS**



No.	Submittal / Revision	Date

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 7 - PLAN VIEW

Drawing No: **C7-8**
Sheet: 80 OF 98

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EROSION CONTROL LEGEND:

IP INLET PROTECTION

EROSION CONTROL NOTES:

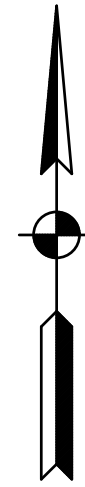
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SCALE: 1"=30'-0"
 0 30' 60'

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AMY L. MENDOZA
 REGISTERED PROFESSIONAL ENGINEER
 No. 12300262
 STATE OF INDIANA
 Signature: *Amy L. Mendoza* Date: 2-12-25

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 LAKE COUNTY, INDIANA
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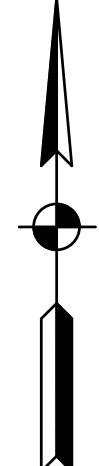
No.	Submittal/Revision	Date

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 7 - PLAN VIEW

Drawing No:
C7-9
 Sheet: 81 OF 98

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Signature: *Amy L. Mendoza* Date: 2-12-25

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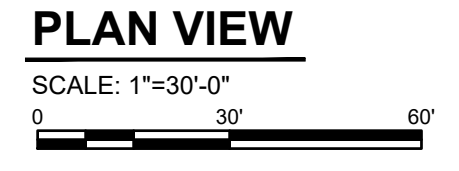
AREA 7 - PLAN VIEW

Drawing No:
C7-10
 Sheet: 82 OF 98

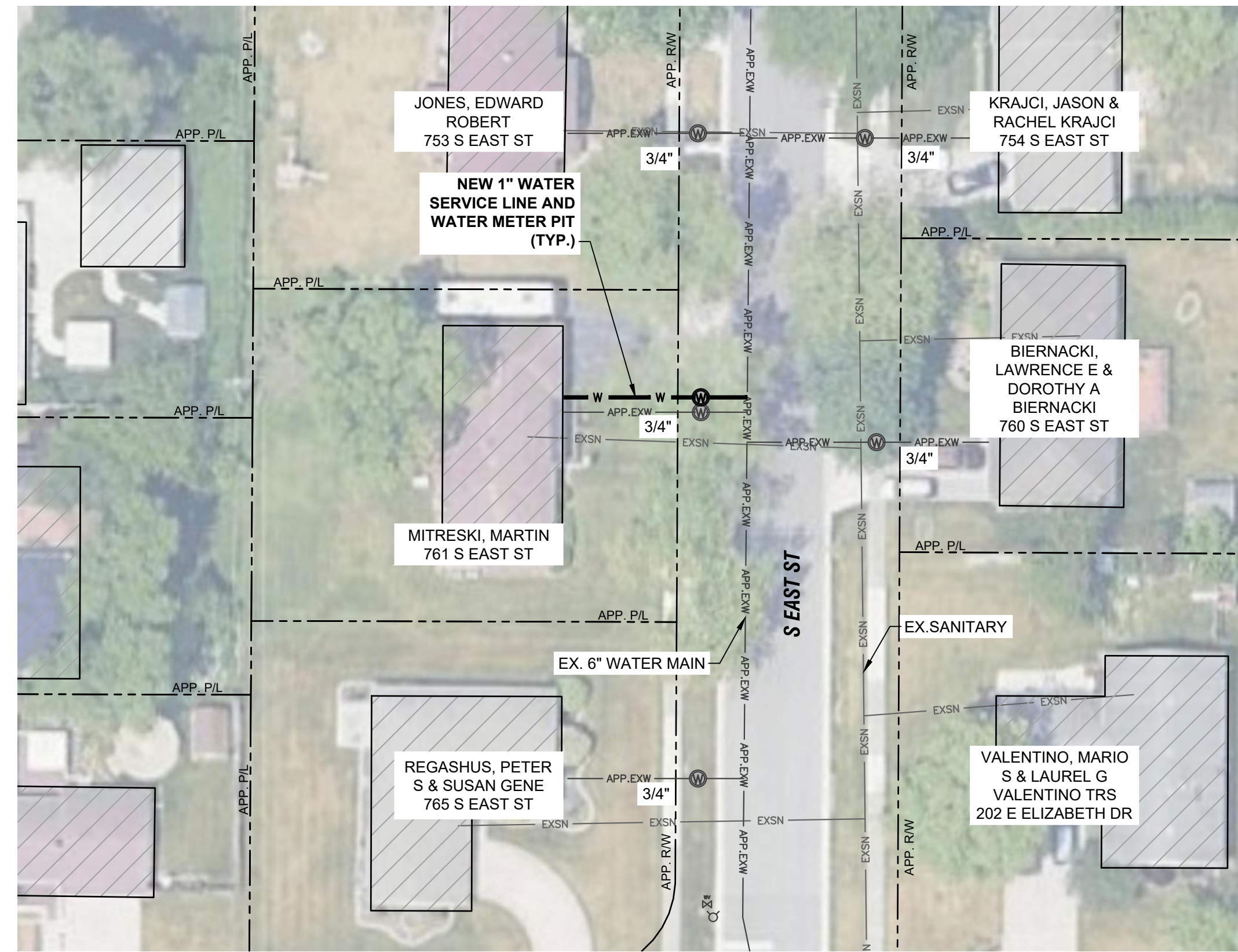
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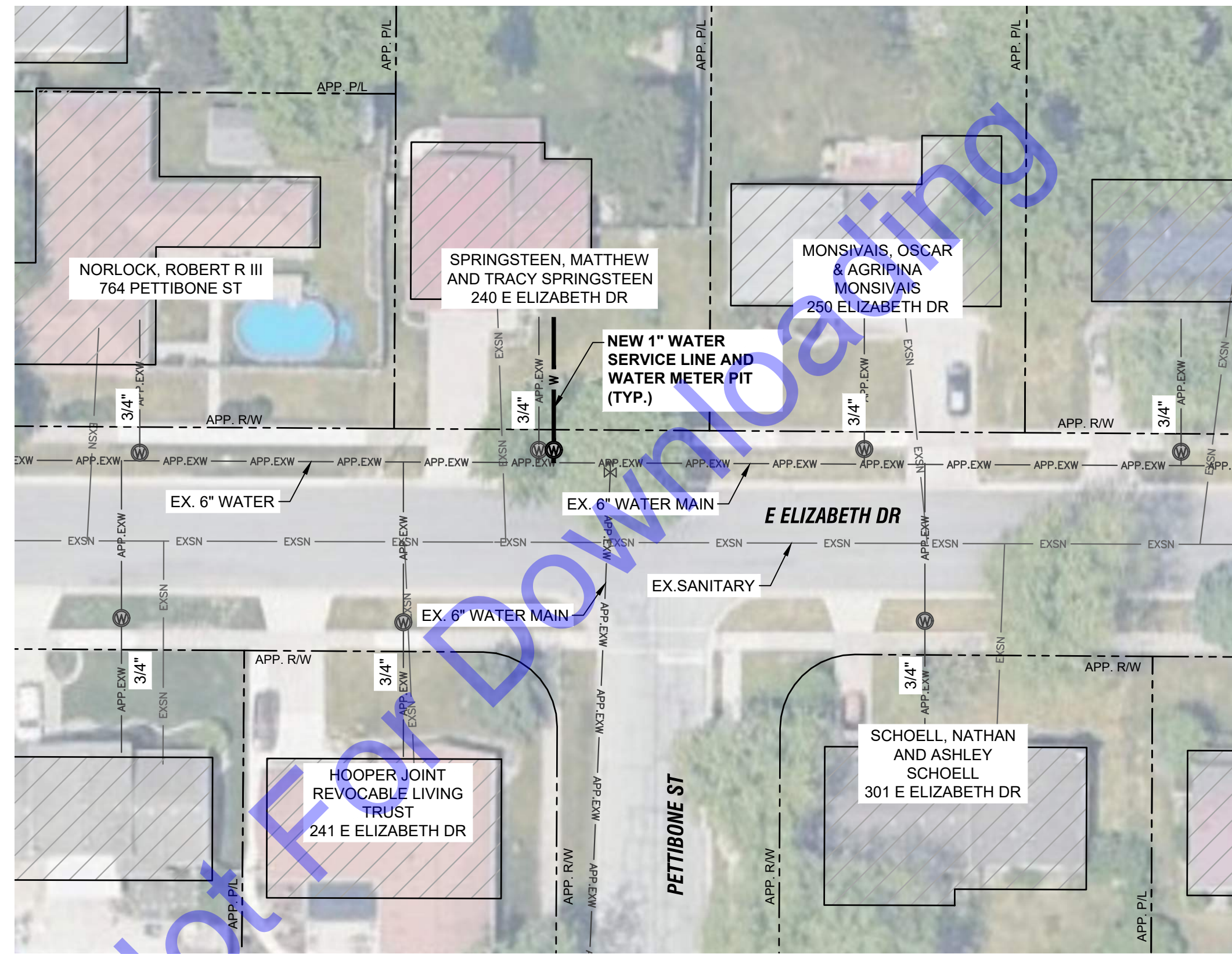
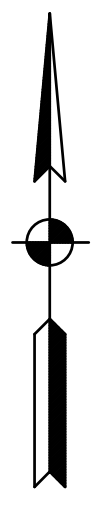


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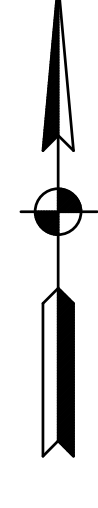
PLAN VIEW

SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



EROSION CONTROL LEGEND:

- (IP) INLET PROTECTION

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- SEE DRAWING MD3 FOR EROSION CONTROL DETAILS.

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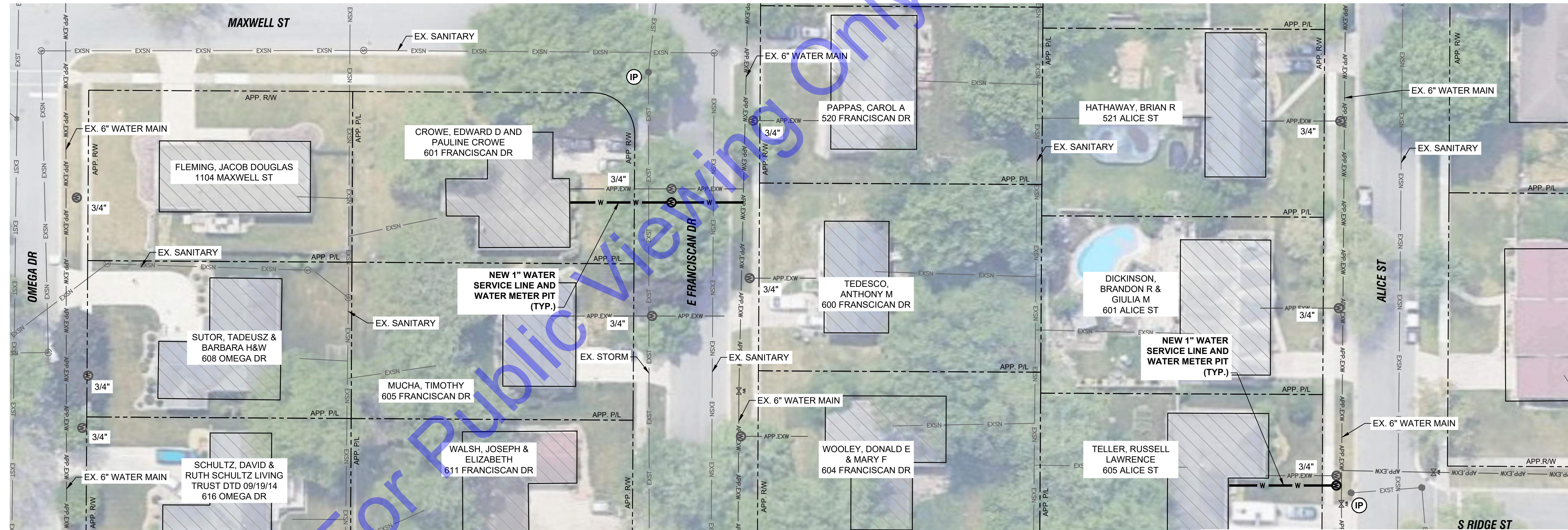
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No.	Submittal/Revision	Date	By

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN



PLAN VIEW
SCALE: 1"=30'-0"
0 30' 60'



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0 30' 60'

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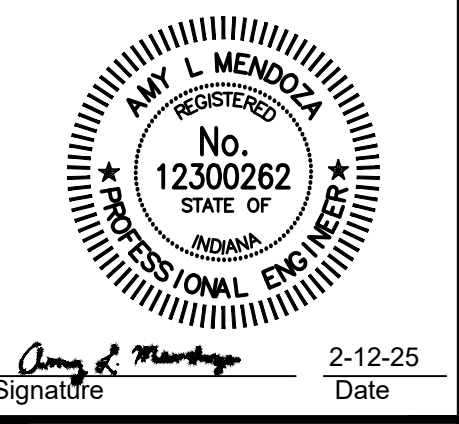
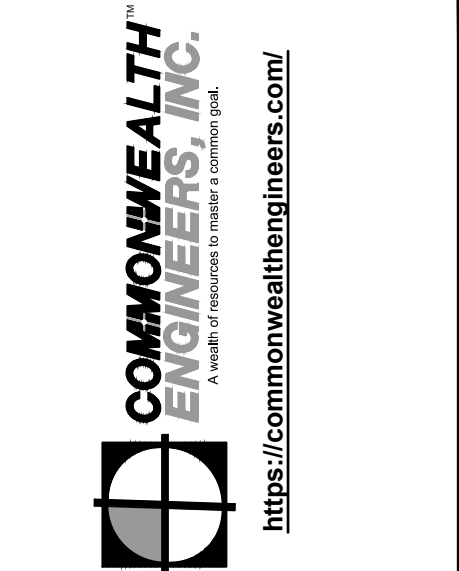
EROSION CONTROL LEGEND:

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Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA
LEAD SERVICE LINE REPLACEMENTS

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No.	Submittal / Revision	Date

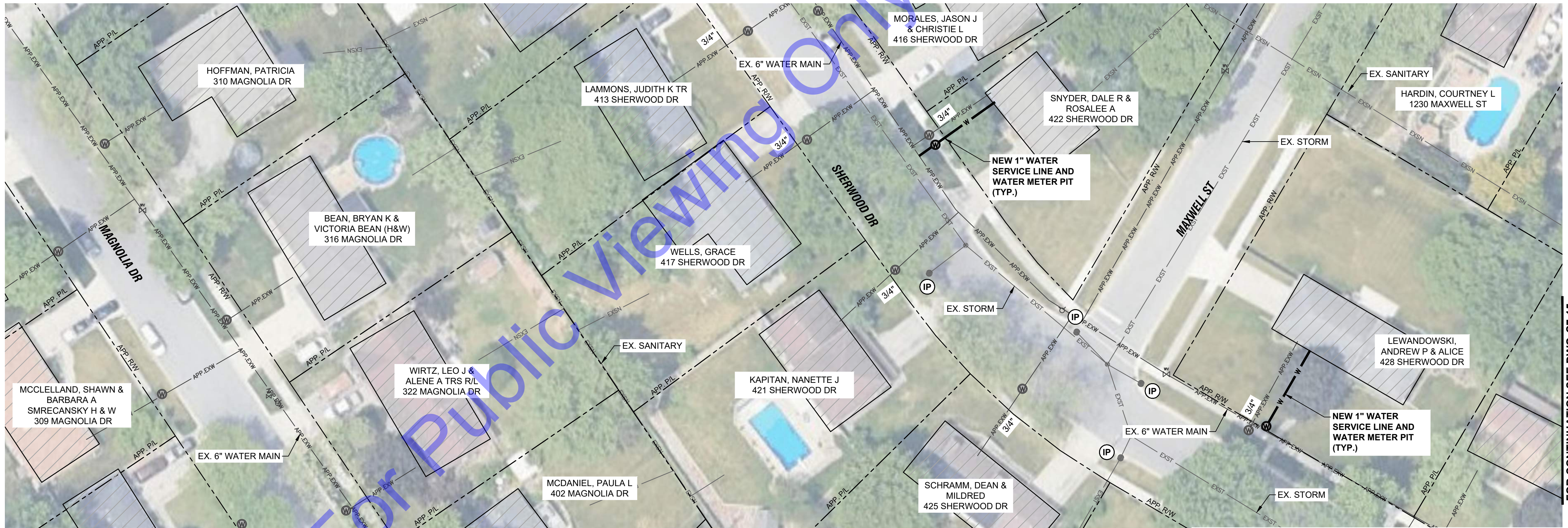
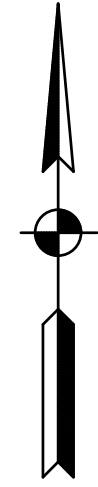
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Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 7 - PLAN VIEWS

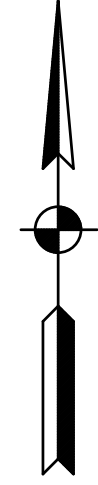
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Sheet: 84 OF 98



PLAN VIEW
 SCALE: 1"=30'-0"
 0 30' 60'



PLAN VIEW
 SCALE: 1"=30'-0"
 0 30' 60'



FOR CONTINUATION SEE DWG C7-15

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Signature: *Amy L. Mendoza* Date: 2-12-25
 CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
LEAD SERVICE LINE REPLACEMENTS

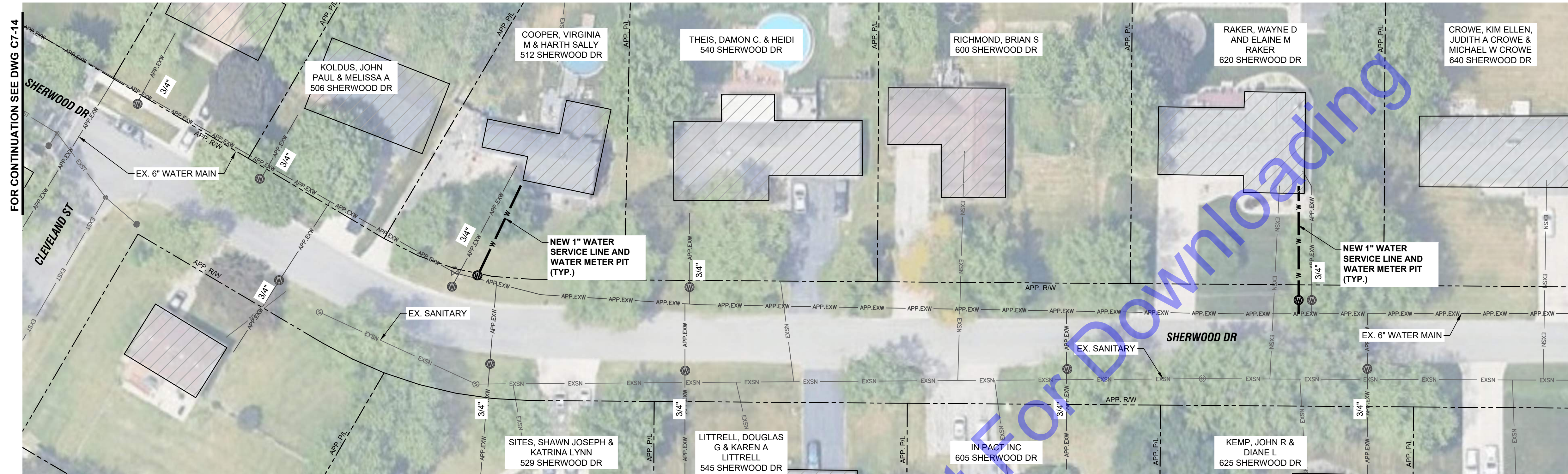
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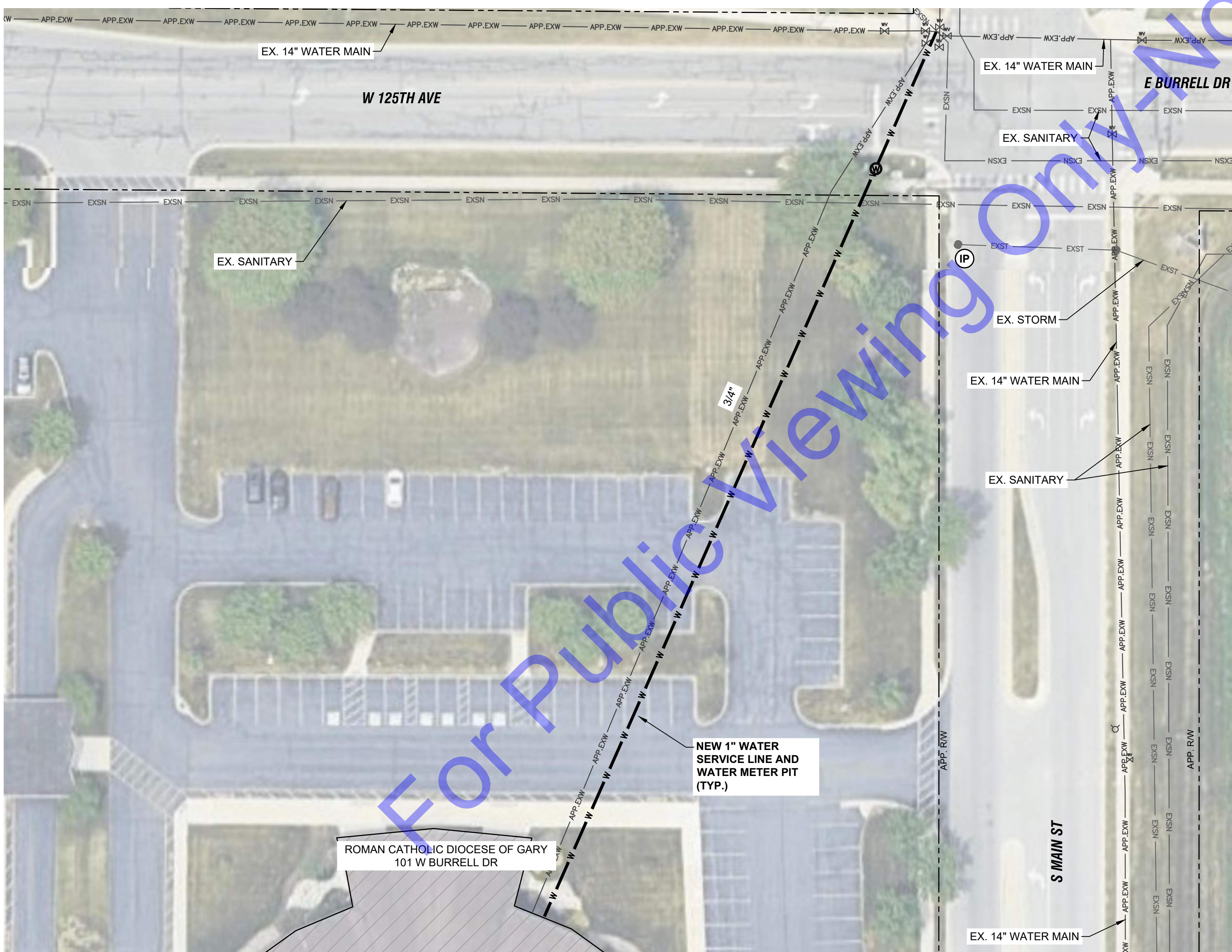
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Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

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PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'



PLAN VIEW

SCALE: 1"=30'-0"
 0 30' 60'

EROSION CONTROL LEGEND:

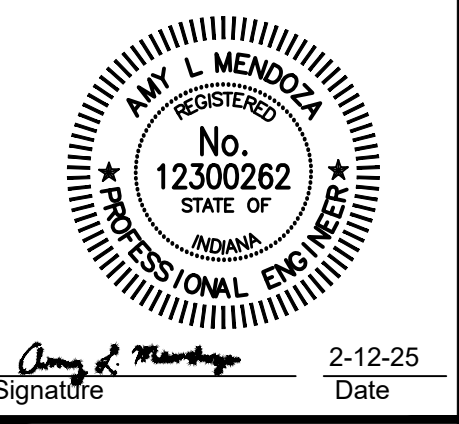
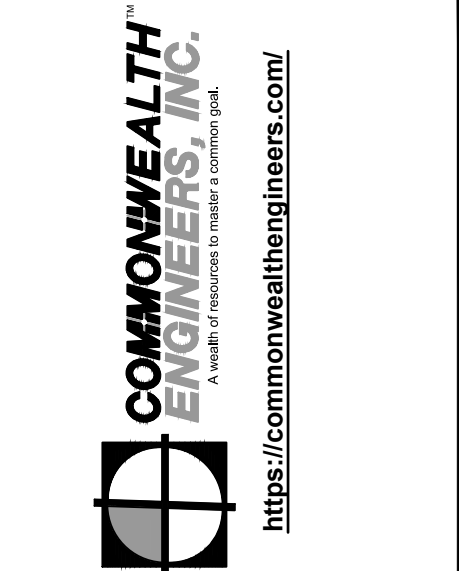
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Signature: Amy L. Mendoza Date: 2-12-25

CITY OF CROWN POINT
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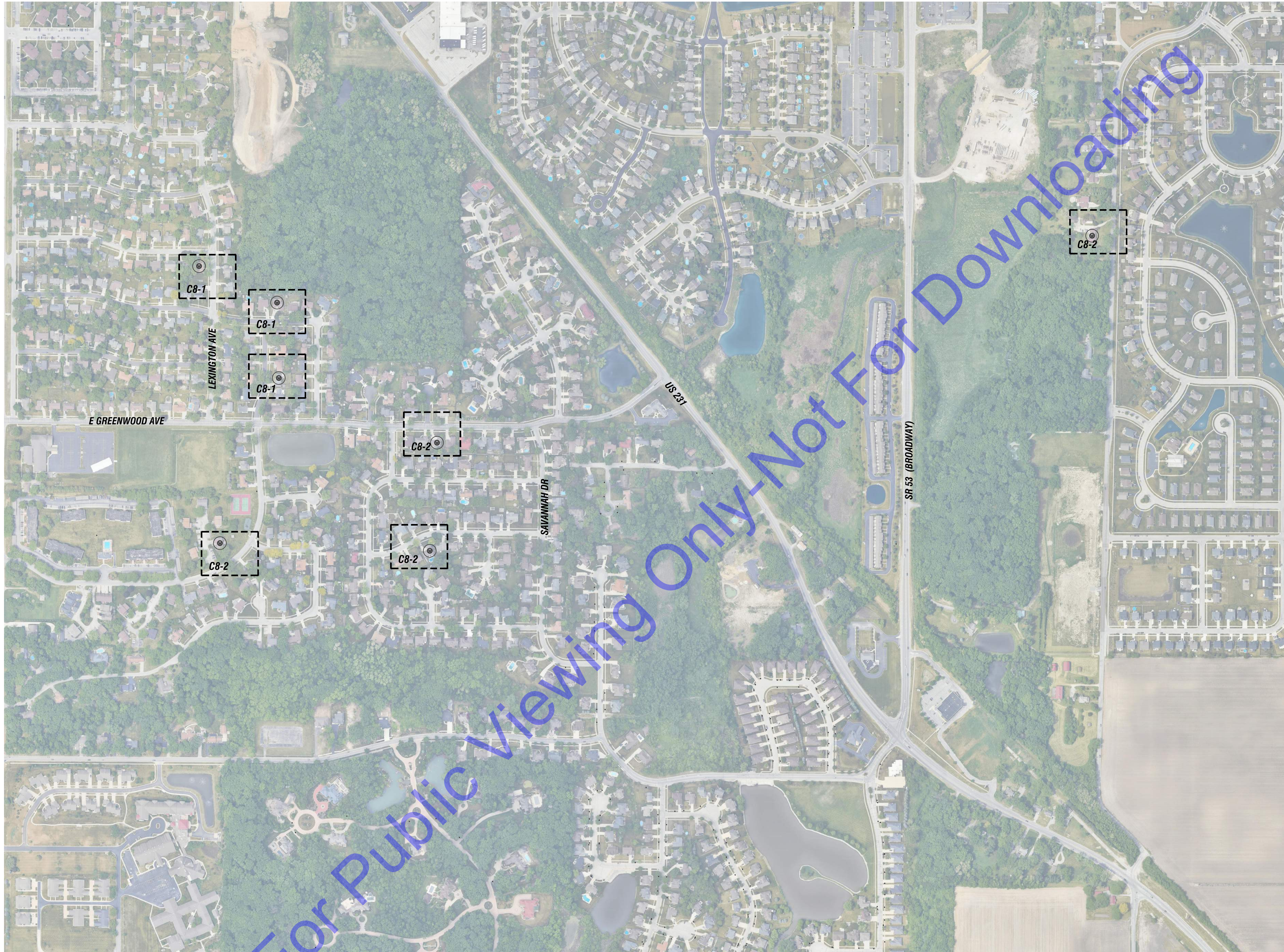
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Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

AREA 7 - PLAN VIEWS

Drawing No:
C7-15
 Sheet: 87 OF 98

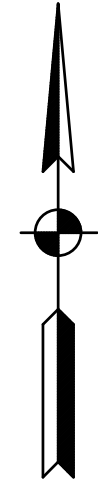
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PLAN VIEW

SCALE: 1"=300'-0"
 0 300' 600'

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LEGEND

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COMMONWEALTH ENGINEERS, INC.
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<https://commonwealthengineers.com/>

AMY L. MENDOZA
 REGISTERED PROFESSIONAL ENGINEER
 No. 12300262
 STATE OF INDIANA
 Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
 REPLACEMENTS

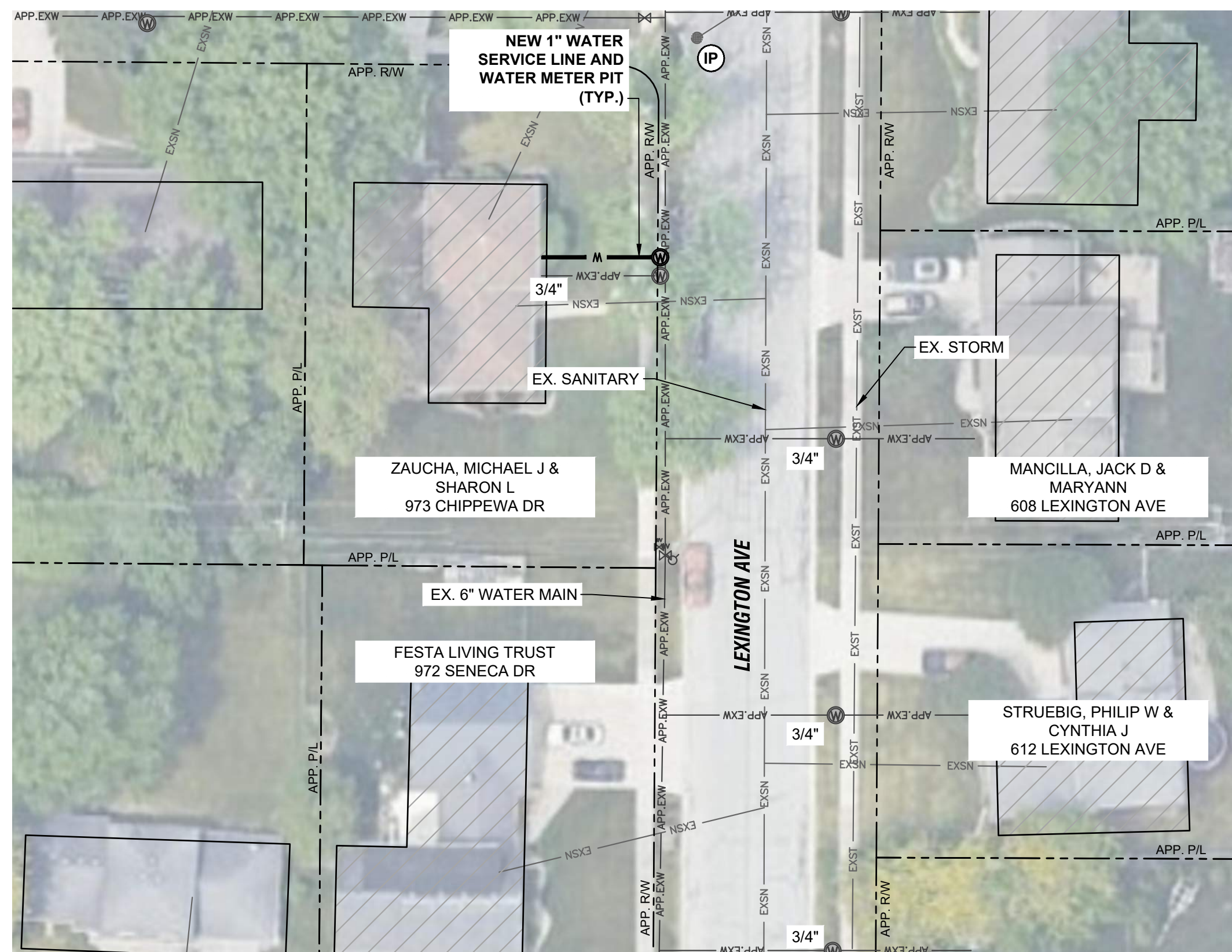
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Designed By: ALM Drawn By: KG/JL Checked By: JW
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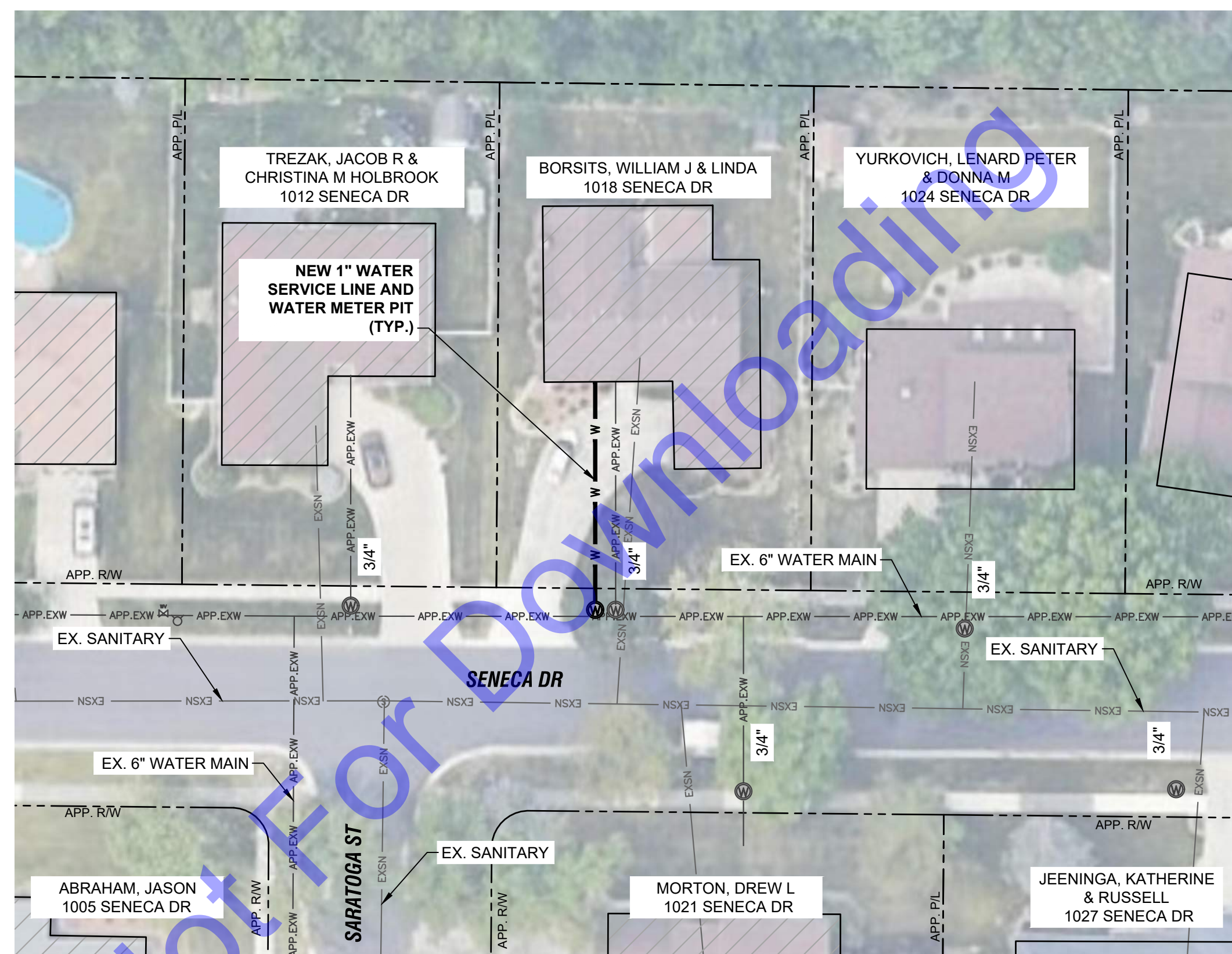
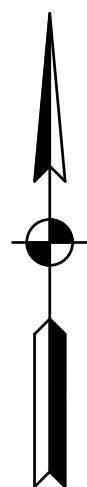
AREA 8 - DRAWING INDEX

Drawing No:
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 Sheet: 88 OF 98



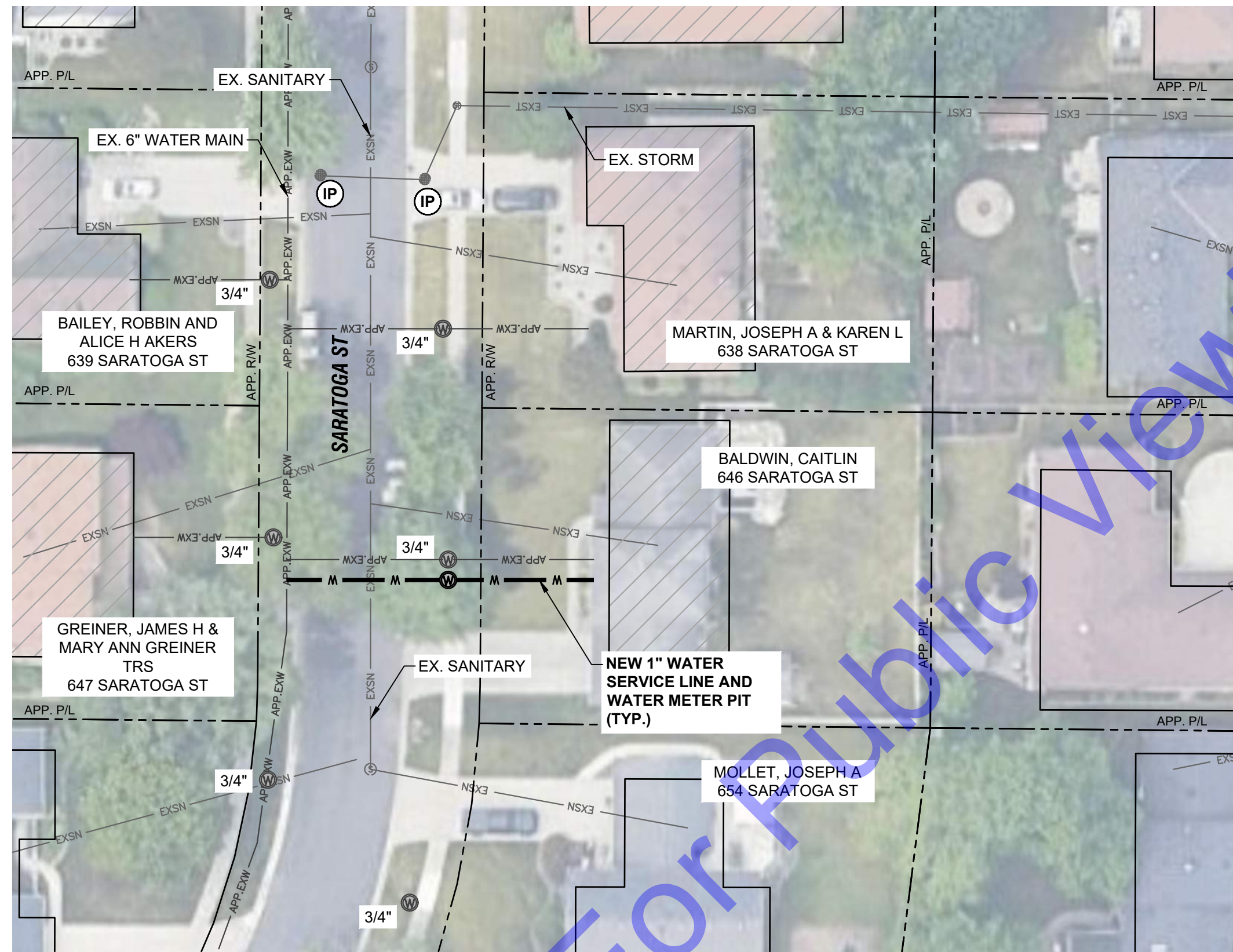
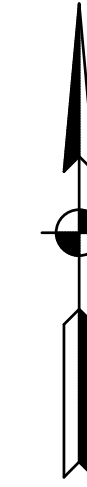
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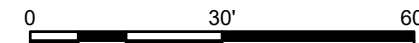
PLAN VIEW

SCALE: 1"=30'-0"



PLAN VIEW

SCALE: 1"=30'-0"



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EROSION CONTROL LEGEND:

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Signature: Amy L. Mendoza Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
 REPLACEMENTS

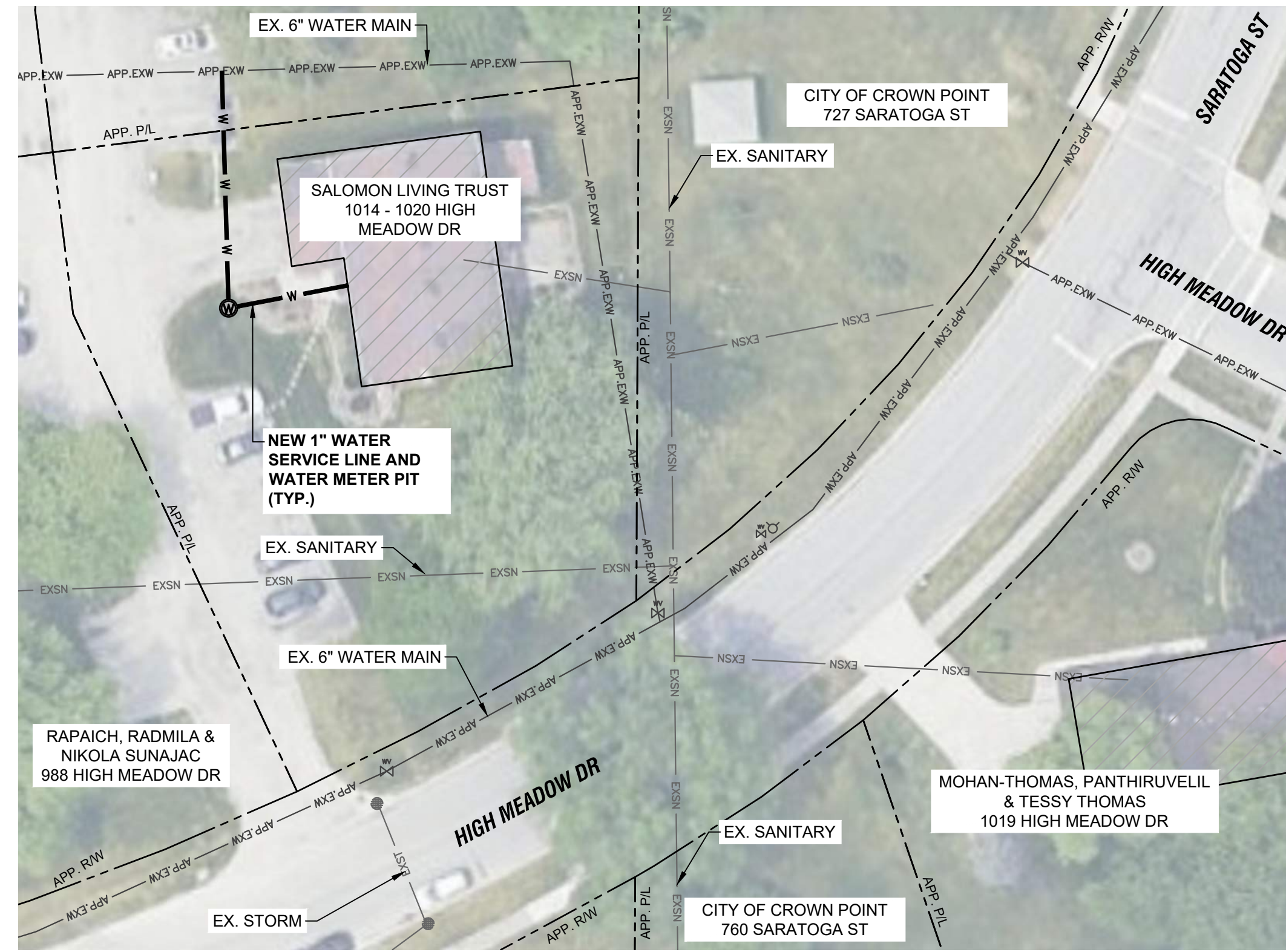


No.	Submittal / Revision	Date

Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No:	Scale:
2-18-25	W24107	AS SHOWN

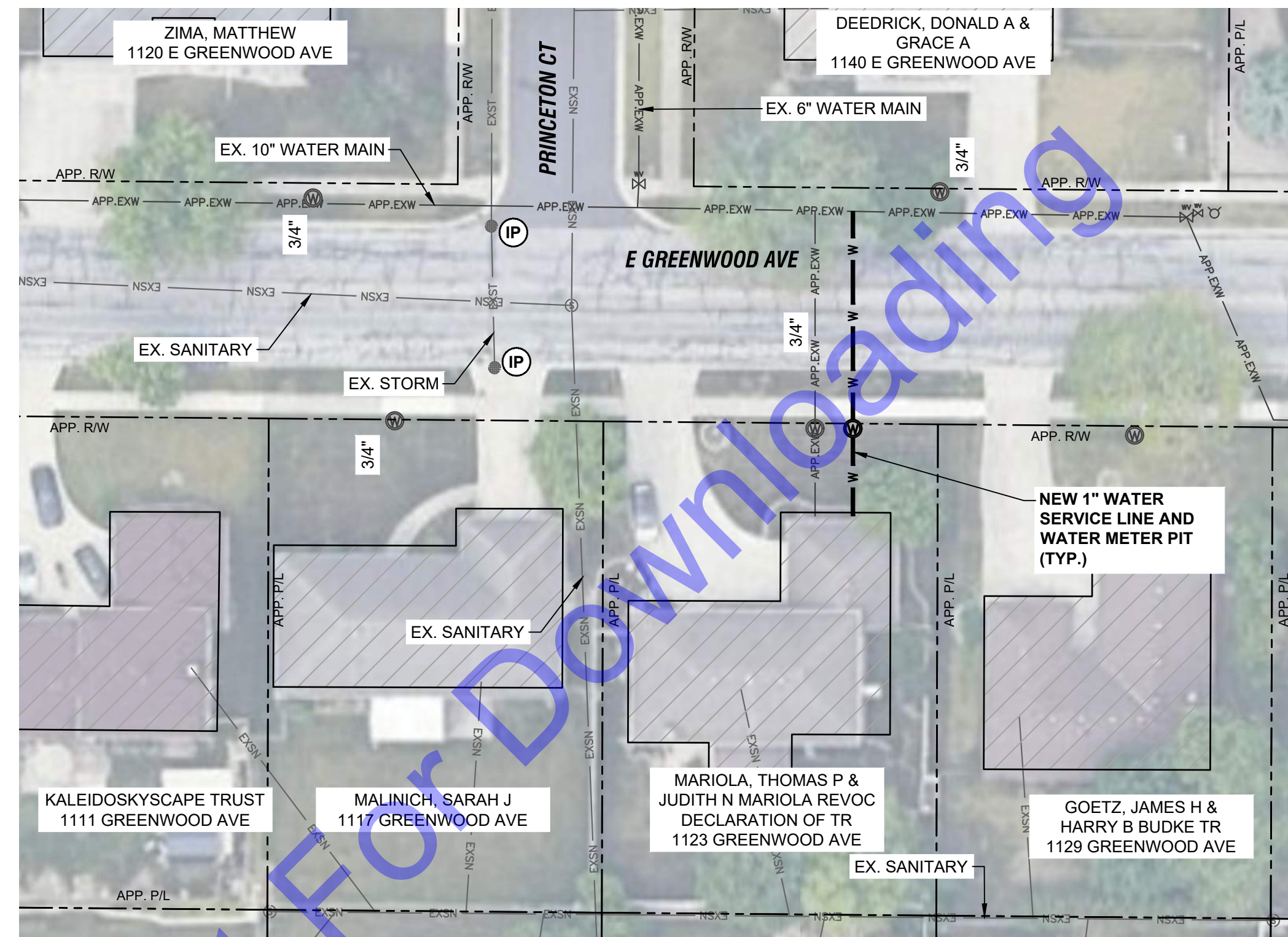
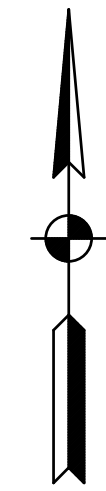
AREA 8 - PLAN VIEWS

Drawing No:
C8-1
 Sheet: 89 OF 98



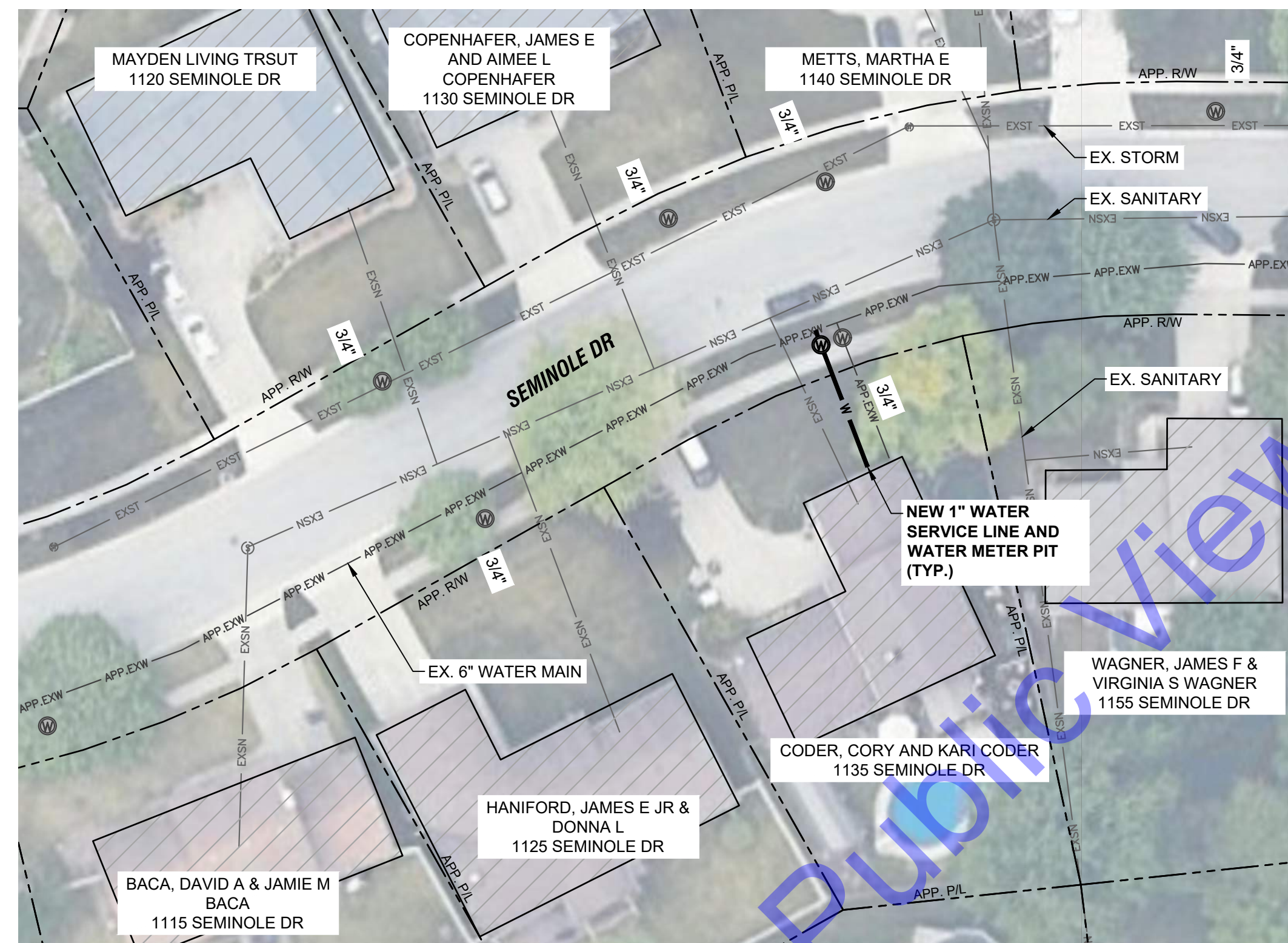
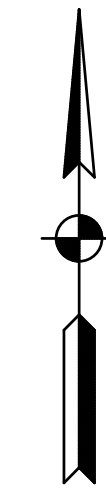
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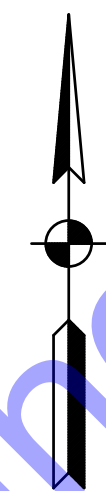
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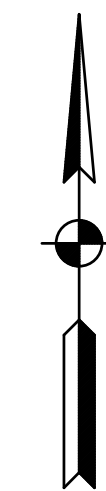
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PLAN VIEW

SCALE: 1"=30'-0"



EROSION CONTROL LEGEND:

IP INLET PROTECTION

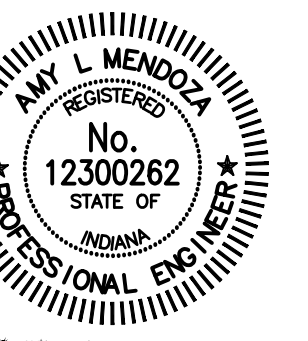
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Signature: Amy L. Mendoza Date: 2-12-25

CITY OF CROWN POINT
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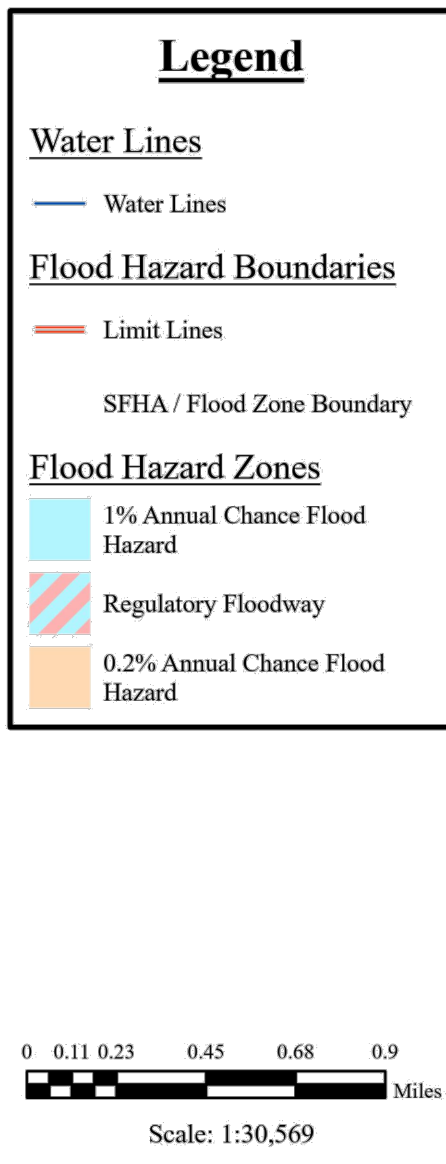
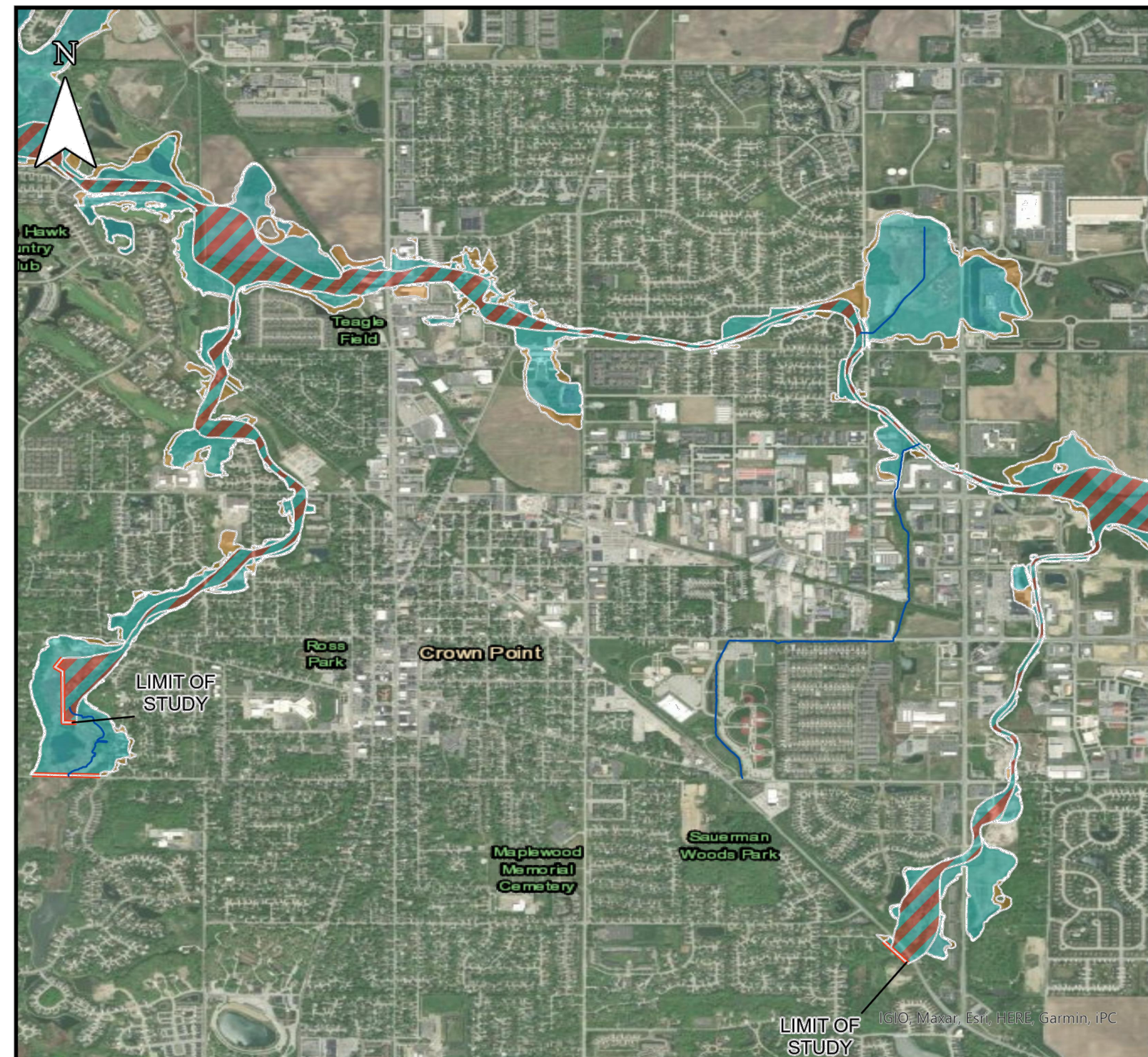
No.	Submittal / Revision	Date

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

AREA 8 - PLAN VIEWS

Drawing No: **C8-2**
Sheet: 90 OF 98

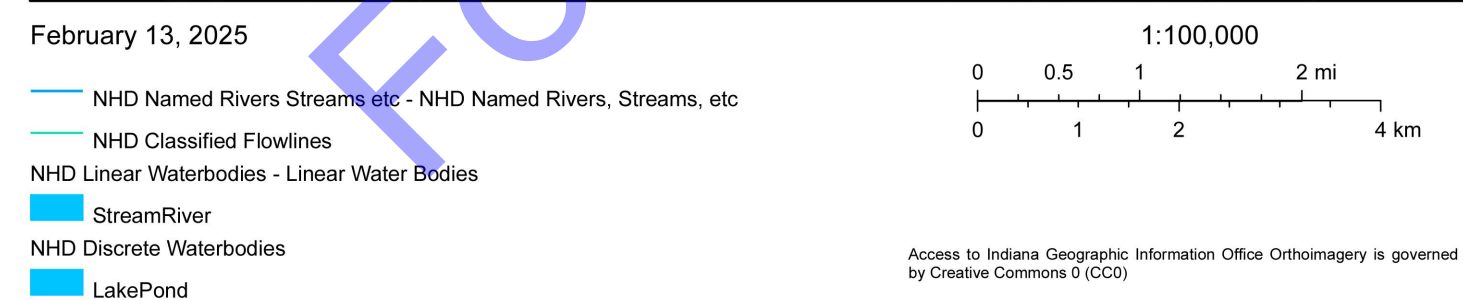
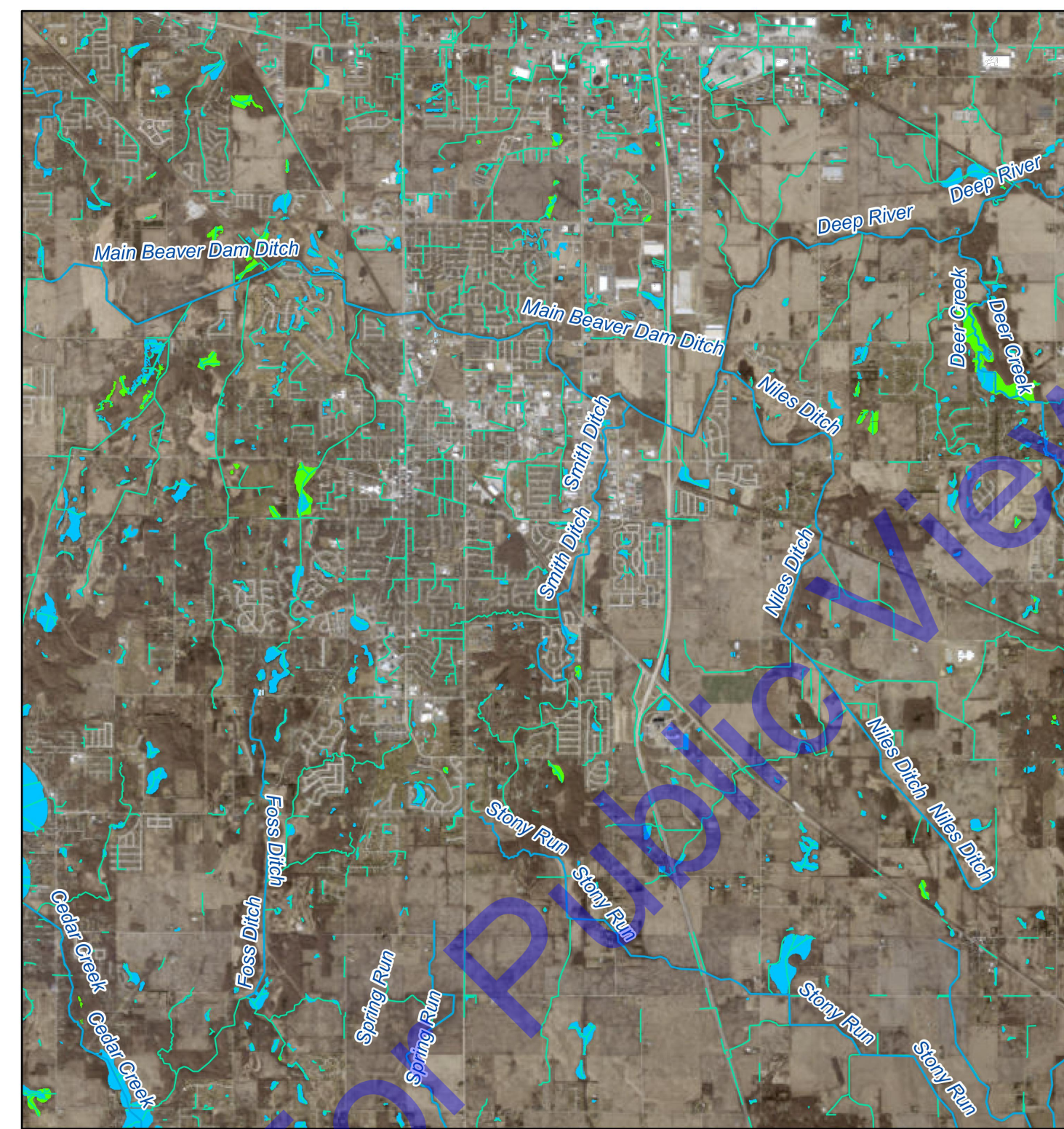
FEMA's National Flood Hazard Layer (NFHL)



Information via: <https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8fd6a8b519964444487933885529a9c4&extent>

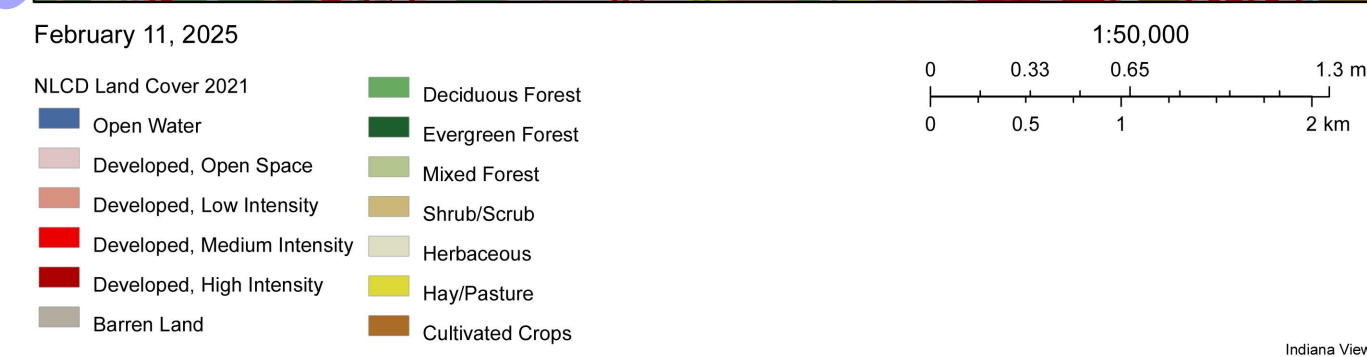
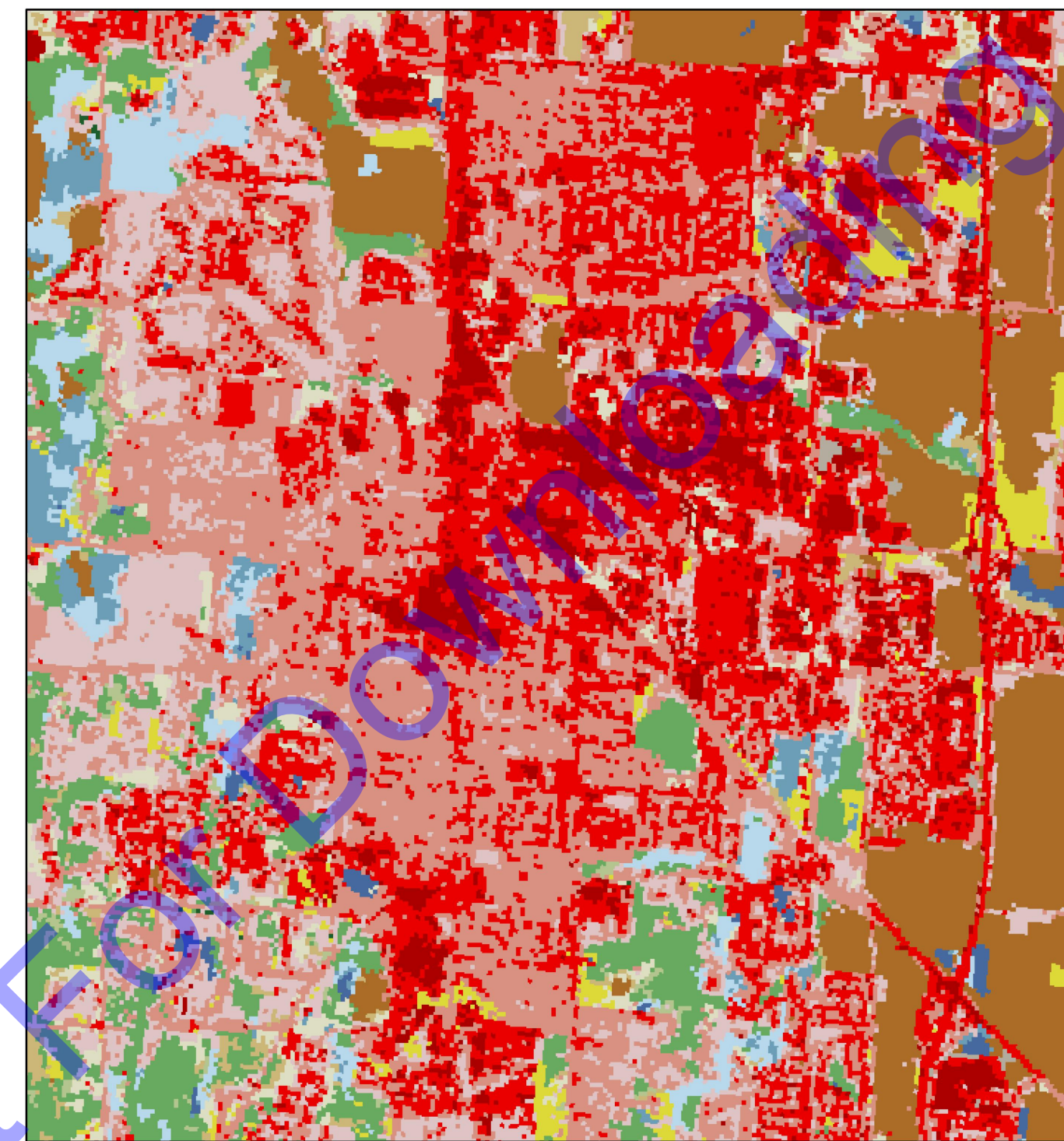
FLOODPLAIN MAP

Surface Waters Map



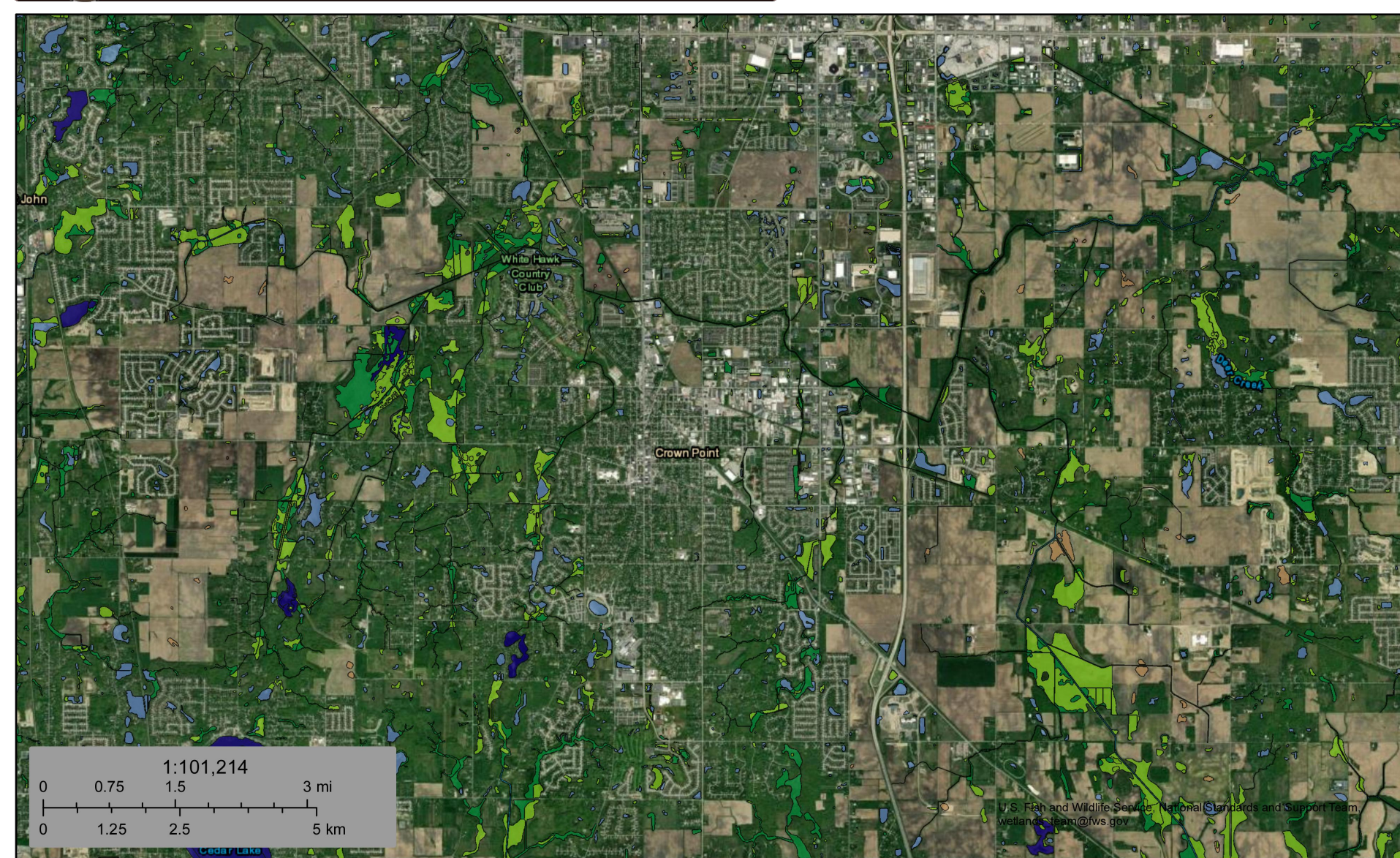
SURFACE WATERS MAP

Land Use

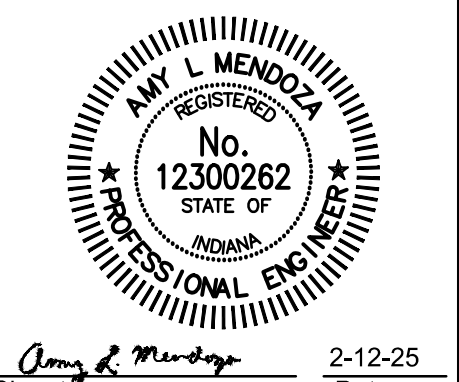


LAND USE MAP

U.S. Fish and Wildlife Service National Wetlands Inventory Wetlands



WETLANDS MAP



Signature: *Amy L. Mendoza* Date: 2-12-25

CITY OF CROWN POINT
LAKE COUNTY, INDIANA

LEAD SERVICE LINE REPLACEMENTS



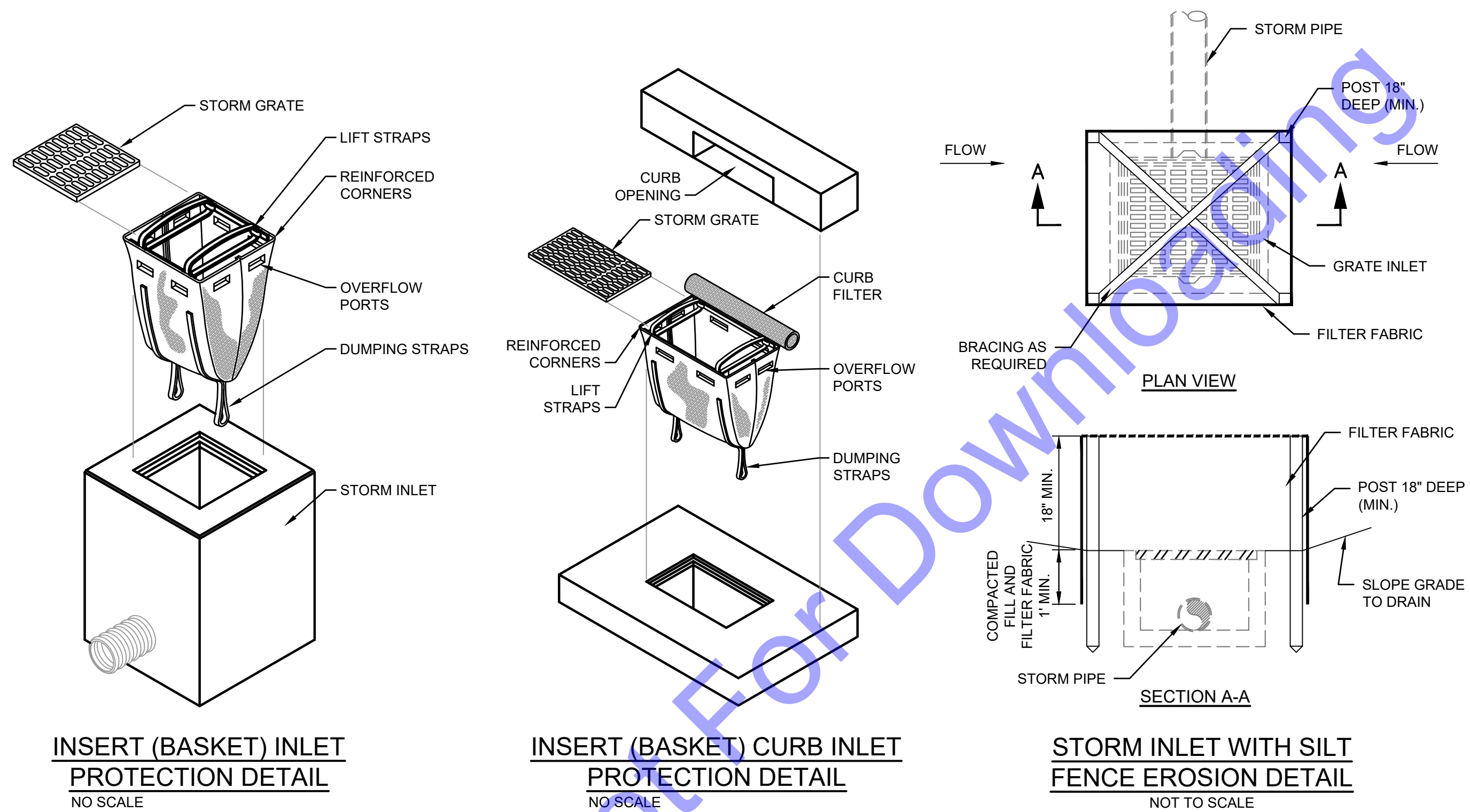
Date	By	Submitted / Revision

Designed By: ALM Drawn By: KG/JL Checked By: JW
Issue Date: 2-18-25 Project No: W24107 Scale: AS SHOWN

STORMWATER POLLUTION PREVENTION PLAN

Drawing No:
EC3
Sheet: 93 OF 98

File: Z:\SHARED\CLIENTS_4\UCONDA\PROJECTS\2024-2025\LEAD_PROJECTS\CADA_CURRENT_FLESH_DRAININGS\SE-EROSION_CONTROL.DWG
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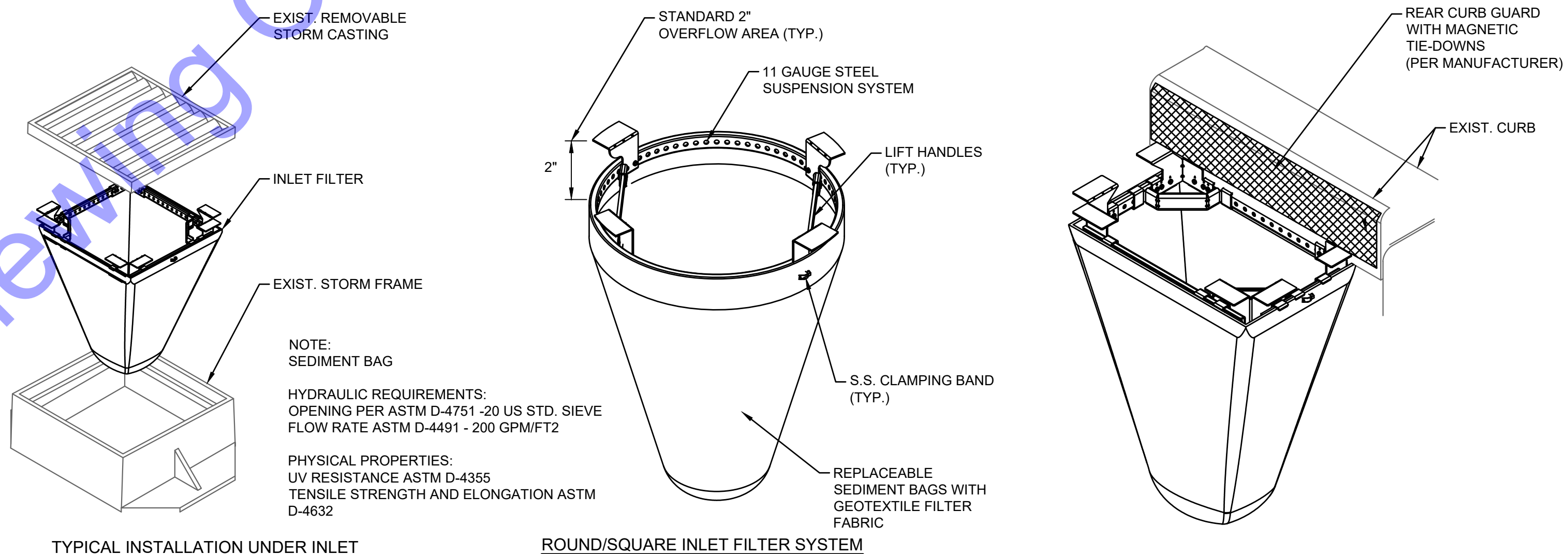
INSERT (BASKET) INLET PROTECTION DETAIL
NO SCALE

INSERT (BASKET) CURB INLET PROTECTION DETAIL
NO SCALE

STORM INLET WITH SILT FENCE EROSION DETAIL
NOT TO SCALE

GENERAL EROSION AND SEDIMENT CONTROL NOTES

- ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE INDIANA STORM WATER QUALITY MANUAL FROM THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND LOCAL EROSION AND SEDIMENT CONTROL ORDINANCE, OR SWCD.
- THE NOTICE OF INTENT (NOI) AND PUBLIC NOTICE FOR THE PROJECT SHALL BE POSTED ON A SIGN INSTALLED AT OR NEAR THE SITE CONSTRUCTION TRAILER. THE NOI SHALL LIST THE CONTACT INFORMATION FOR THE SITE CONTACT PERSON. THE SIGN AND INFORMATION SHALL BE MAINTAINED AND REMAIN LEGIBLE THROUGHOUT CONSTRUCTION.
- A COPY OF THIS EROSION AND SEDIMENT CONTROL PLAN AND THE EROSION AND SEDIMENT CONTROL REPORT SHALL BE AVAILABLE AT THE PROJECT SITE THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL CONTROL WASTE, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE SO THEY WILL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WIND, STORM WATER RUNOFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIAL APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL IS REQUIRED.
- PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEAR OF ACCUMULATED SEDIMENT. ALL SEDIMENT THAT IS CLEARED MUST BE RETURNED TO THE LIKELY POINT OF ORIGIN OR OTHER SUITABLE LOCATION. CLEARING OF LARGE AMOUNTS OF SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER.
- MINIMIZE THE EXPOSURE OF BARE EARTH BY LIMITING THE WORK AREA TO THAT NECESSARY TO PERFORM THE WORK, AND BY PROPER SCHEDULING OF MANPOWER AND EQUIPMENT.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED, CLEANED, AND MAINTAINED FOLLOWING EACH STORM EVENT.
- WHEREVER POSSIBLE, MAINTAIN EXISTING VEGETATIVE COVER. USE NON-VEGETATIVE MATERIAL INCLUDING MULCH, EROSION BLANKETS, OR STONE TO CONTROL EROSION FROM DISTURBED AREAS.
- A LOG SHALL BE MAINTAINED OF ALL INSPECTIONS (WEEKLY, AND FOLLOWING STORM EVENTS), MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT CONTROL MEASURES. THE LOG SHALL BE MAINTAINED ON SITE AND BE AVAILABLE UPON REQUEST TO THE OWNER'S REPRESENTATIVES AND THE OPERATING AUTHORITIES HAVING JURISDICTION OVER THE SITE.



TYPICAL INSTALLATION UNDER INLET

ROUND/SQUARE INLET FILTER SYSTEM

COMBINATION INLET FILTER FOR CURB HOODS

GENERAL NOTES:

- TO BE INSTALLED AT EXISTING STANDARD INLET GRATES IN PAVED AREAS DOWNSTREAM OF EXCAVATION.
- INSTALL INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE AND PER MANUFACTURER'S RECOMMENDATIONS.
- FOR CURB BOX INLETS, CURB BACK MUST HAVE FILTER ATTACHED PER MANUFACTURER'S RECOMMENDATION OR CONTRACTOR MUST CREATE A DAM TO DIRECT RUNOFF INTO THE SEDIMENT BAG.

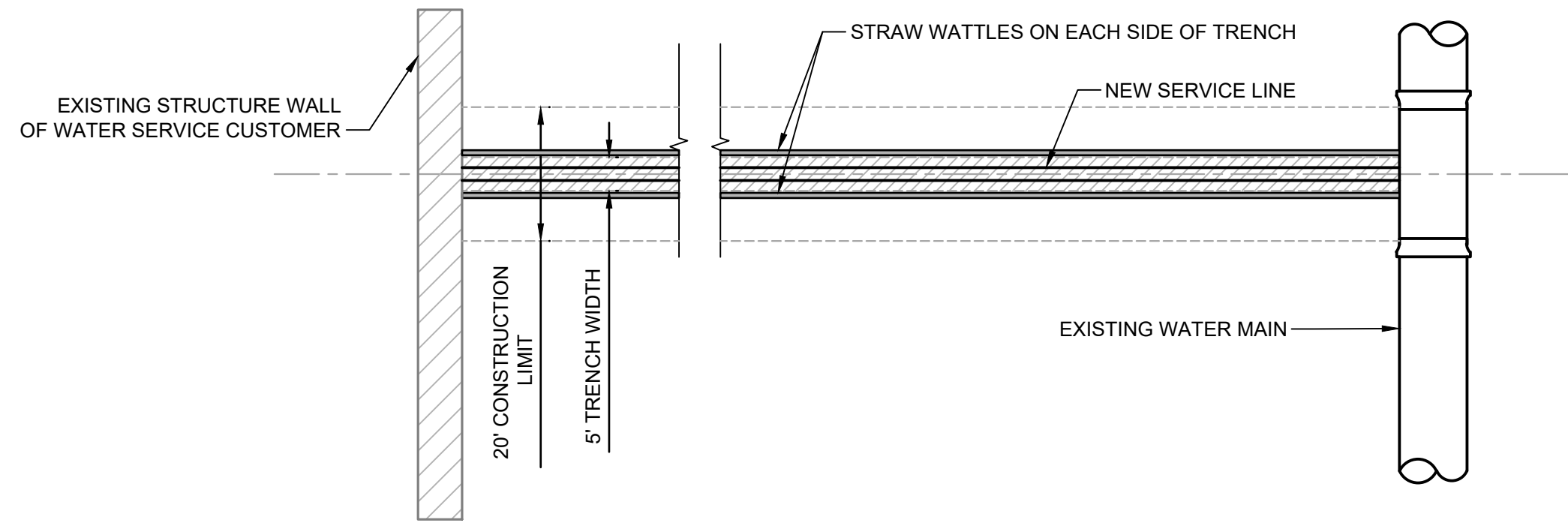
INLET FILTER EROSION CONTROL DETAIL FOR STANDARD SIZED STORM STRUCTURES
NOT TO SCALE

Date	
By	
Submittal / Revision	
No.	

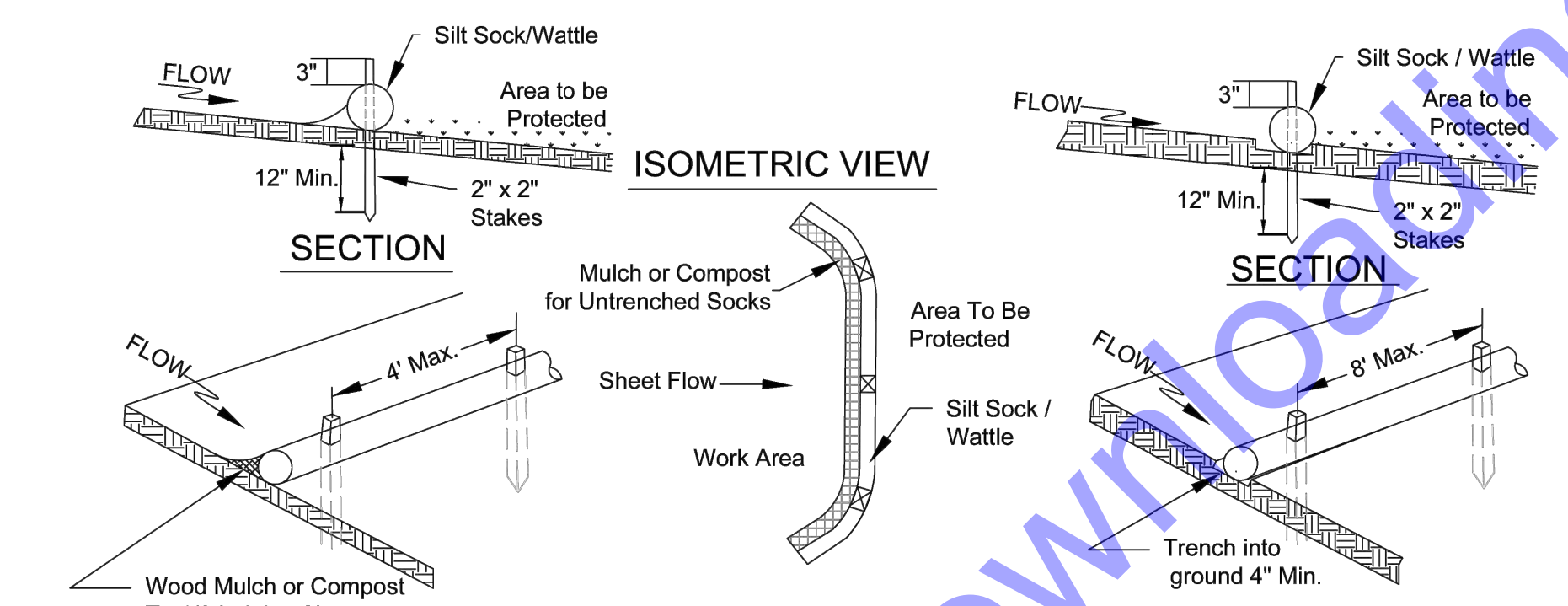
Designed By:	Drawn By:	Checked By:
ALM	KG/JL	JW
Issue Date:	Project No.:	Scale:
2-18-25	W24107	AS SHOWN

EROSION CONTROL DETAILS

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**TYPICAL EROSION CONTROL DETAIL -
 FOR SERVICE LINE REPLACEMENT**
 NOT TO SCALE



UNTRENCHED INSTALLATION

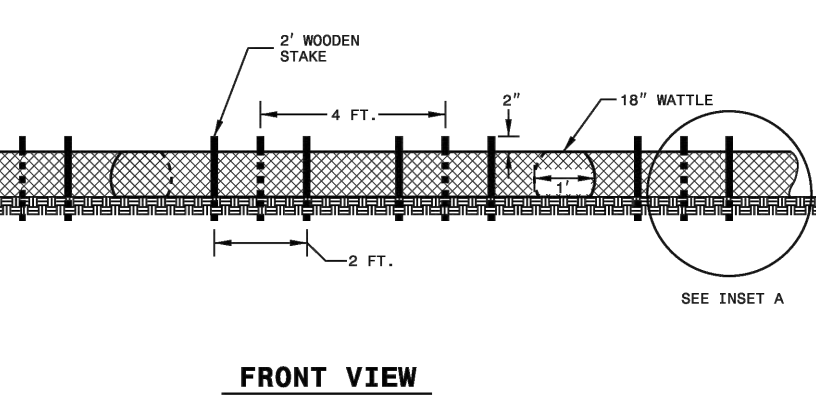
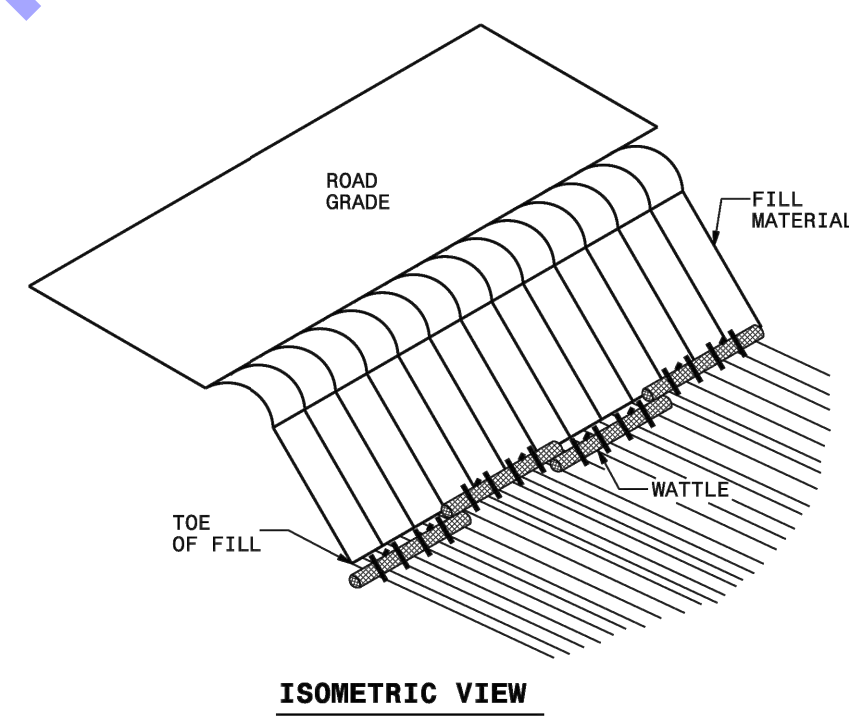
- NOTE:**
1. Other materials providing equivalent protection against erosive velocities may be substituted for use in silt socks or wattles.
 2. Fill silt sock/wattle netting uniformly to the desired length such that logs do not deform.
 3. Silt sock/ Wattle should be installed parallel to and a minimum of 10 feet beyond the toe of a graded slope. Silt sock/Wattles located below flat areas should be located at the edge of the land disturbance. The ends of the silt sock/wattles should be turned slightly upslope to prevent runoff from going around the ends of the silt sock/wattles.
 4. Oak or other durable hardwood stakes with a 2 inch x 2 inch cross section should be driven vertically plumb, through the center of the silt sock/wattle. Stakes should be placed at a maximum interval of 4 feet or a maximum interval of 8 feet if the silt sock/wattle is placed in a 4 inch trench.
 5. In the event staking is not possible (ie. when silt socks/wattles are used on pavement) heavy concrete blocks shall be used behind the silt sock/wattle to hold it in place during runoff events.

COMPOST SOCK INITIAL FLOW RATES

Compost Sock Design Diameter	8 Inch (200 mm)	12 Inch (300 mm)	18 Inch (450 mm)	24 Inch (600 mm)	32 Inch (750 mm)
Maximum Slope Length (+2%)	600 Feet (183 m)	750 Feet (229 m)	1,00 Feet (305 m)	1,300 Feet (395 m)	1,650 Feet (500 m)
Hydraulic Flow Through Rate	7.5 gpm/ft (941 l/m/m)	11.3 gpm/ft (141 l/m/m)	15.0 gpm/ft (188 l/m/m)	22.5 gpm/ft (281 l/m/m)	30.0 gpm/ft (374 l/m/m)

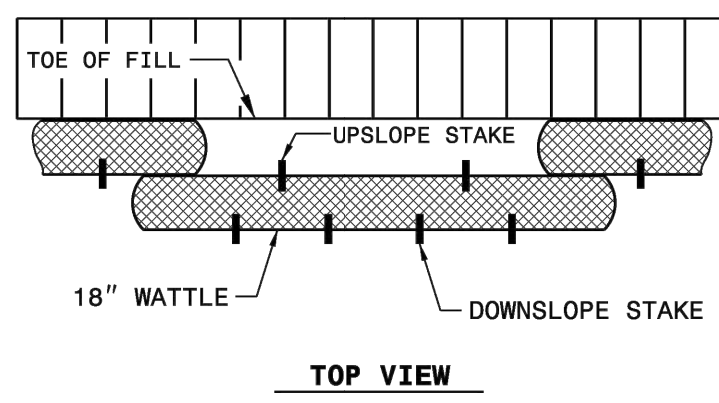
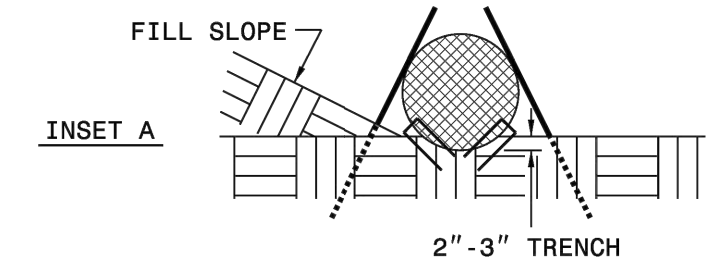
- MAINTENANCE:**
1. Inspect Silt sock/wattle weekly and after each rain of 1 inch or greater. Remove accumulated sediment and any debris as needed to allow for adequate flow.
 2. Silt sock/Wattle must be replaced if clogged or torn.
 3. If ponding becomes excessive, the silt sock/wattle may need to be replaced with a larger diameter or a different measure.
 4. Reinstall if damaged or dislodged.
 5. Silt socks/Wattles shall be inspected until land disturbance is complete and the area above the measure has been permanently stabilized.

SILT SOCK / WATTLE FOR PERIMETER AND INLET PROTECTION
 NO SCALE



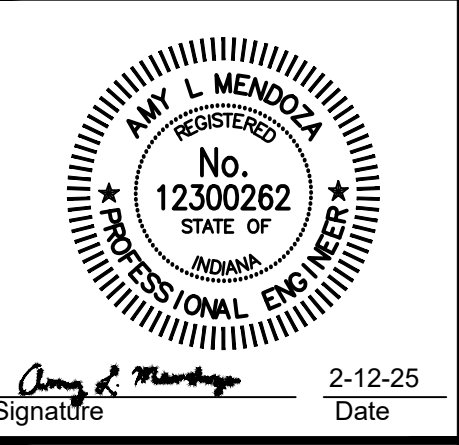
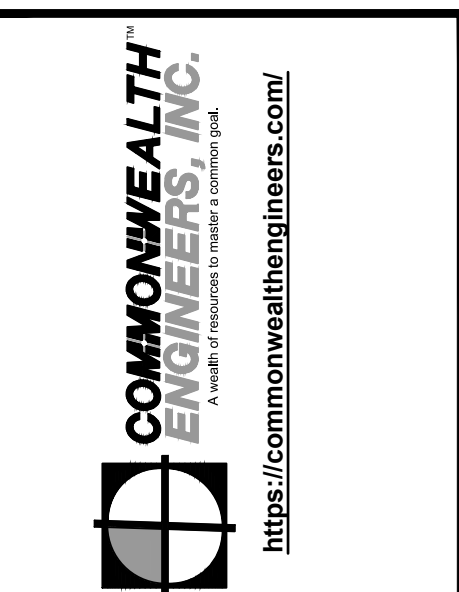
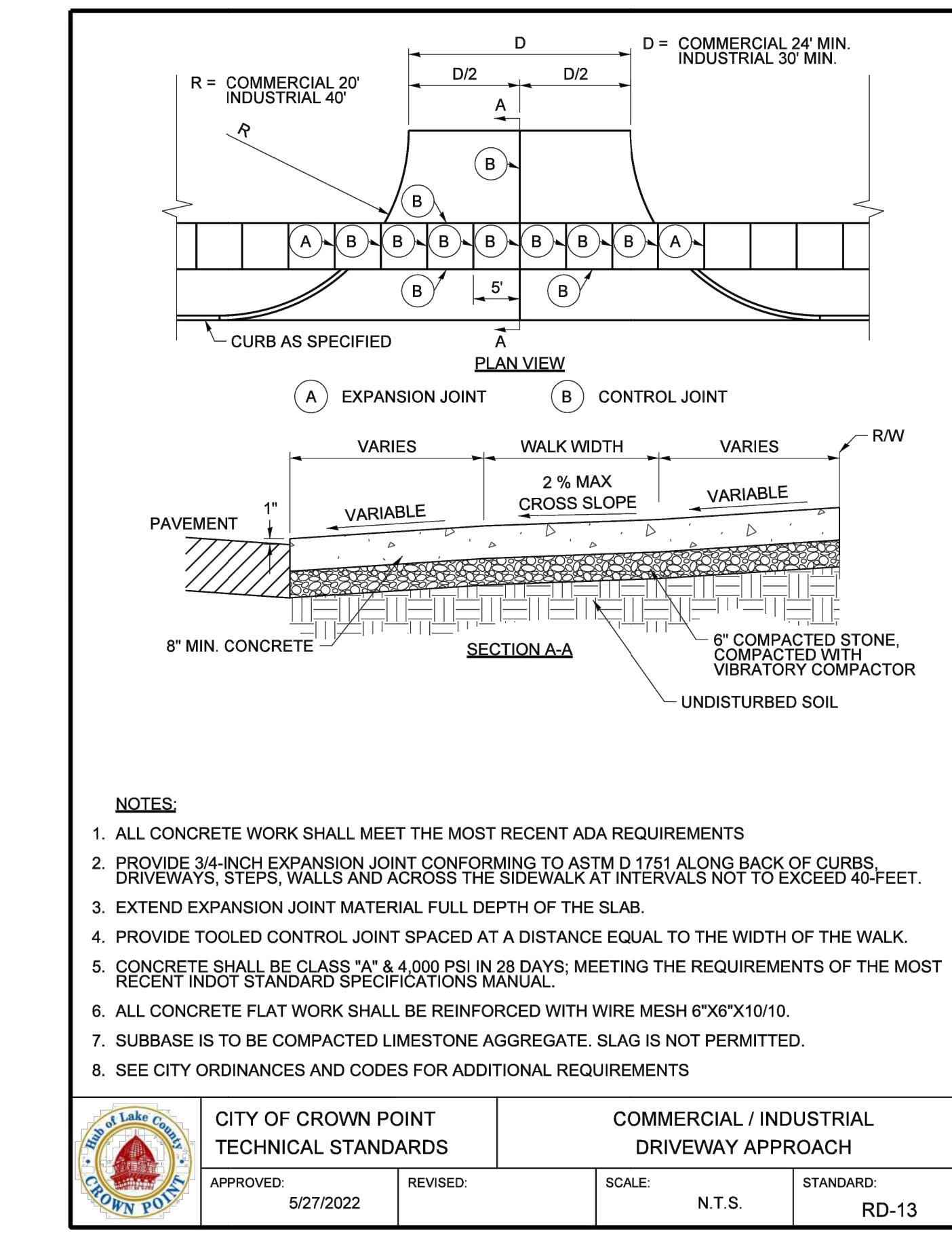
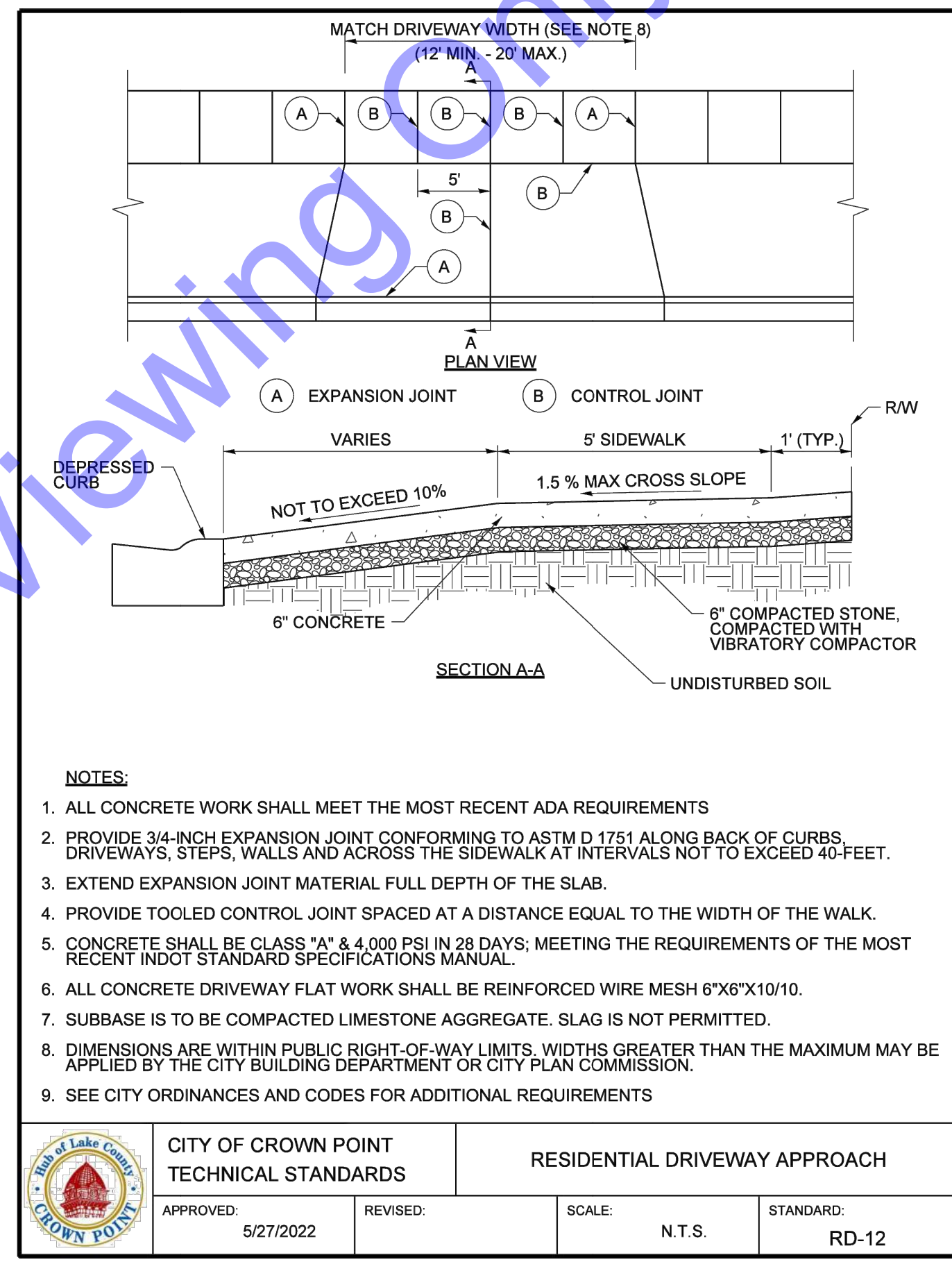
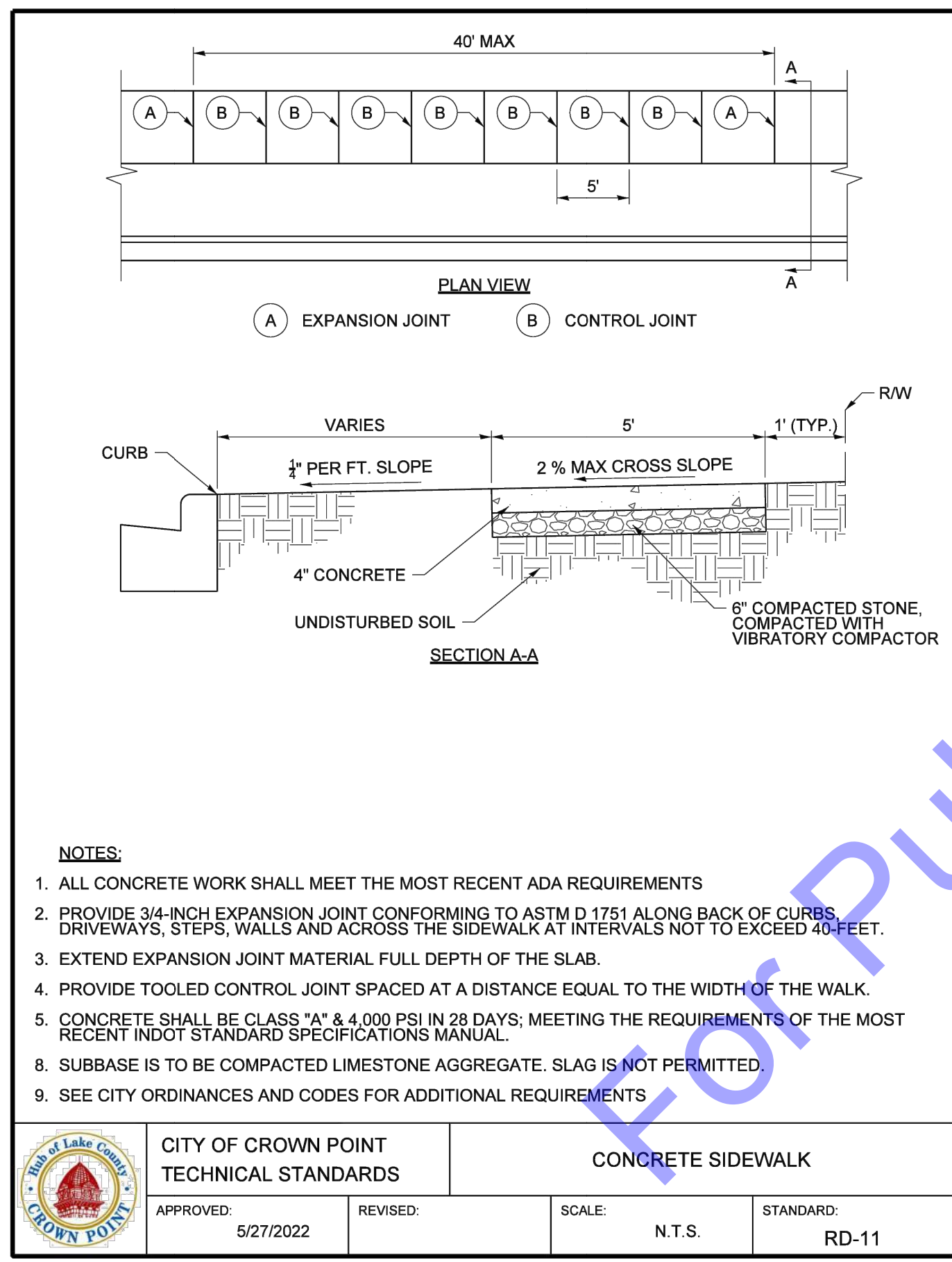
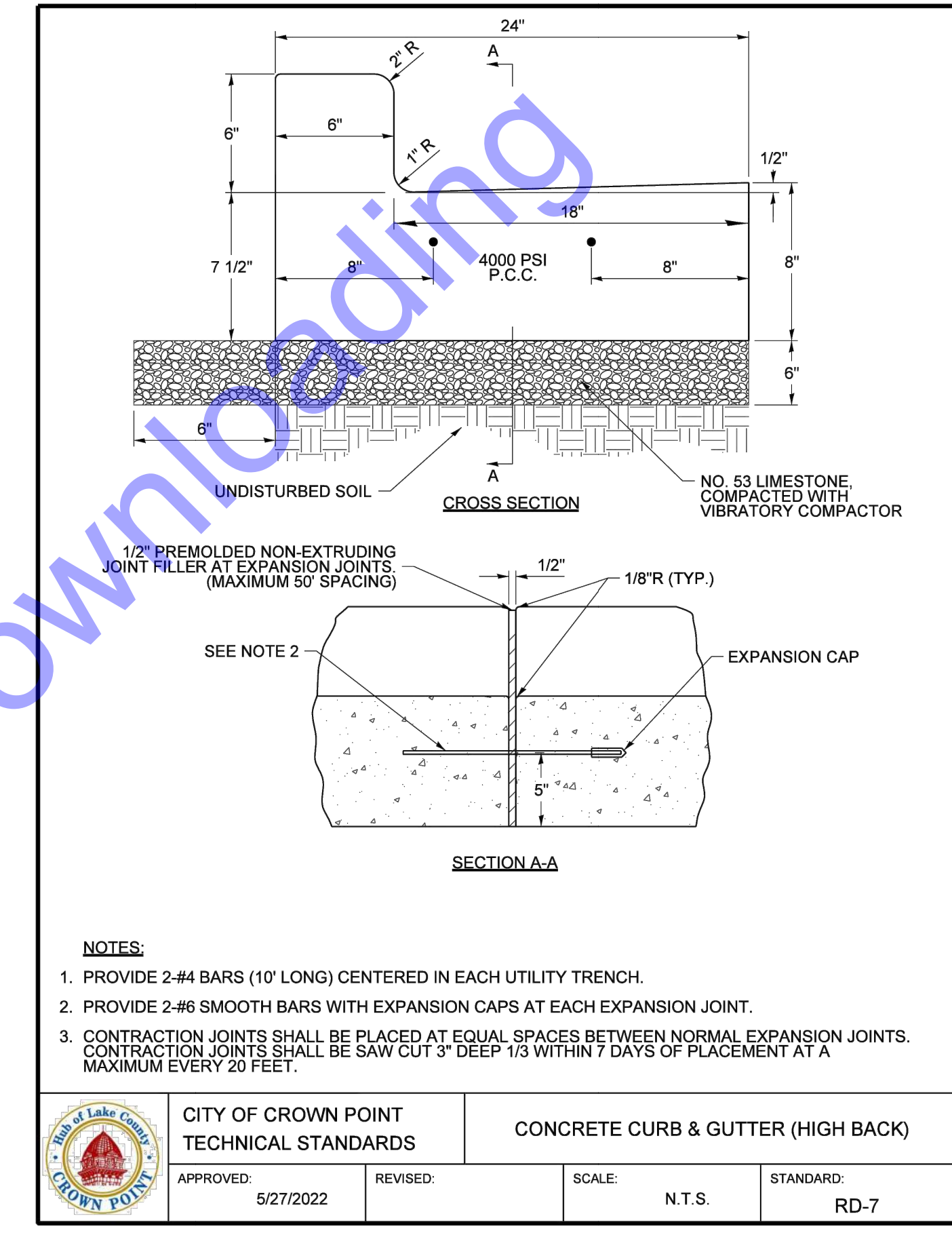
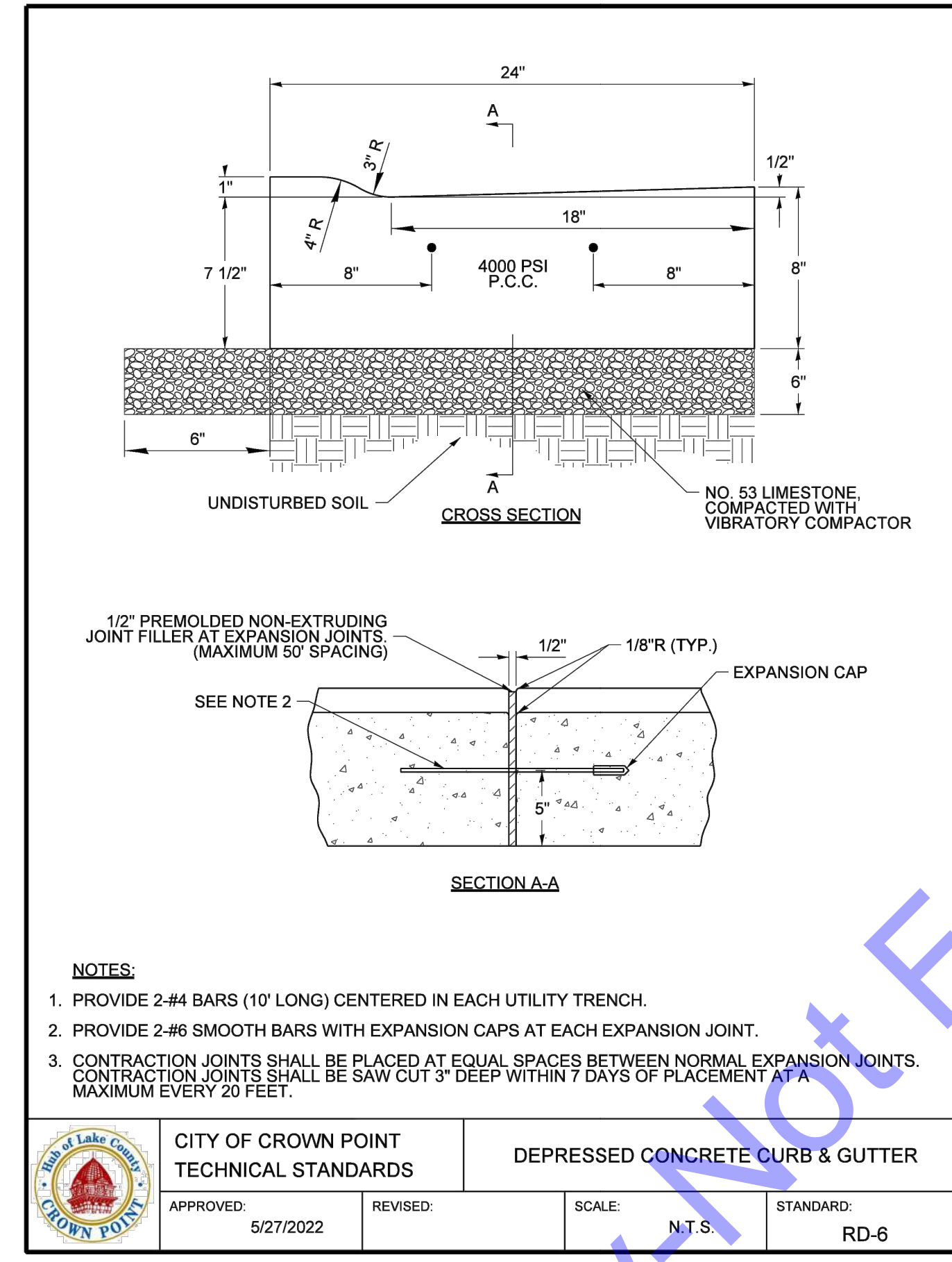
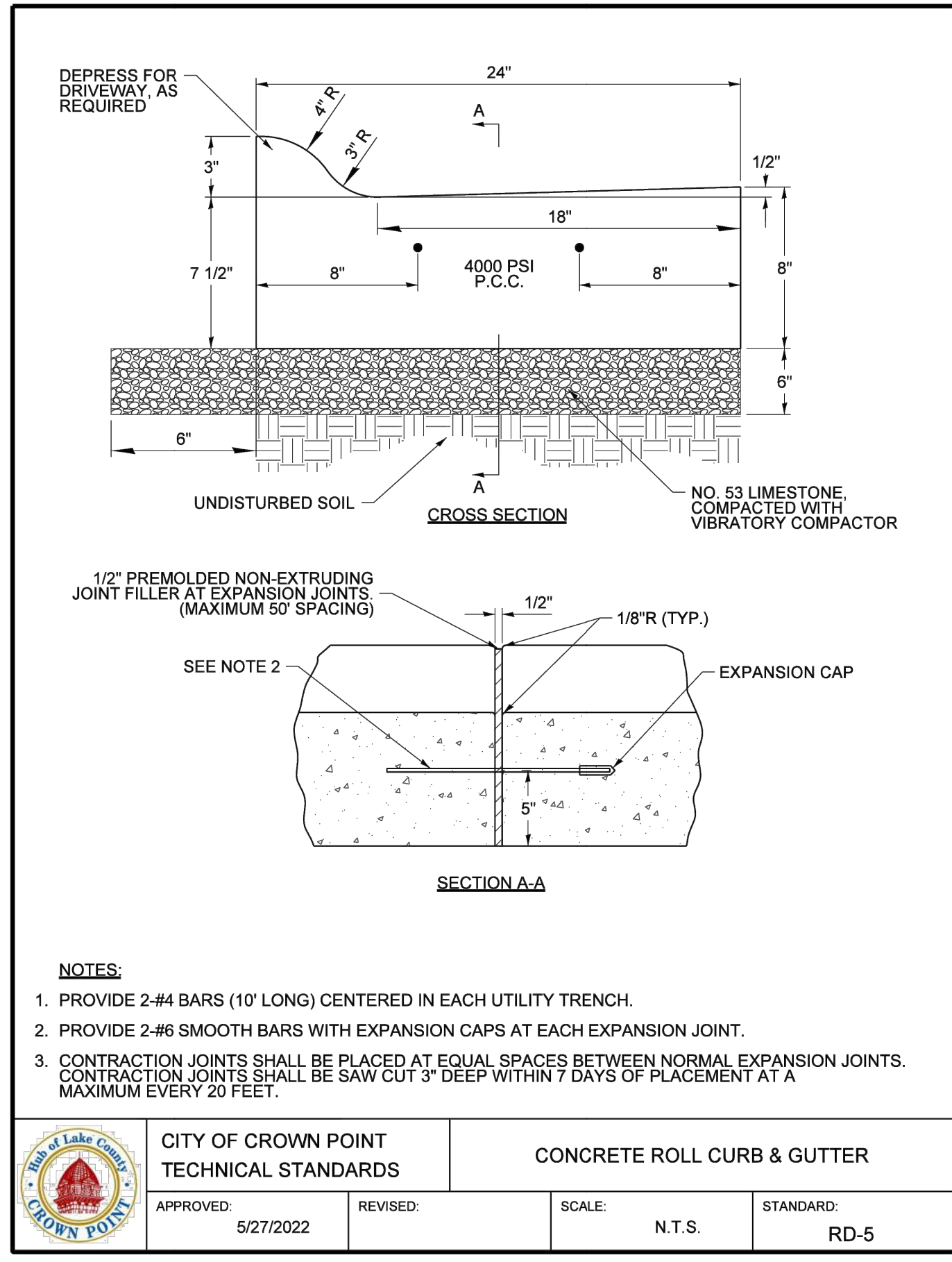
WATTLE BARRIER DETAIL
 NO SCALE

- NOTES:**
- USE MINIMUM 18 IN. NOMINAL DIAMETER EXCELSIOR WATTLE AND LENGTH OF 10 FT.
 - EXCAVATE A 2 TO 3 INCH TRENCH FOR WATTLE TO BE PLACED. DO NOT PLACE WATTLES ON TOE OF SLOPE.
 - USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
 - INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO GROUND.
 - PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.
 - INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.
 - FOR BREAKS ALONG LARGE SLOPES, USE MAXIMUM SPACING OF 20 FT.

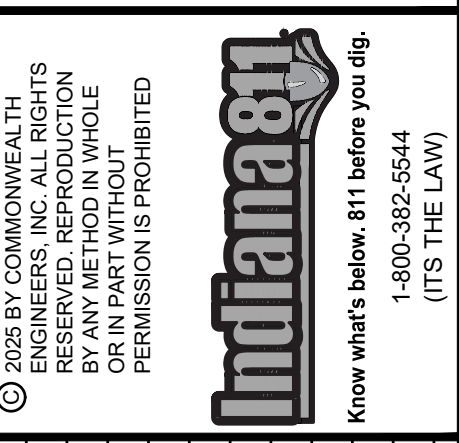


Date	By	Submittal / Revision

Designed By: ALM	Drawn By: KG/JL	Checked By: JW
Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN



CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE REPLACEMENTS

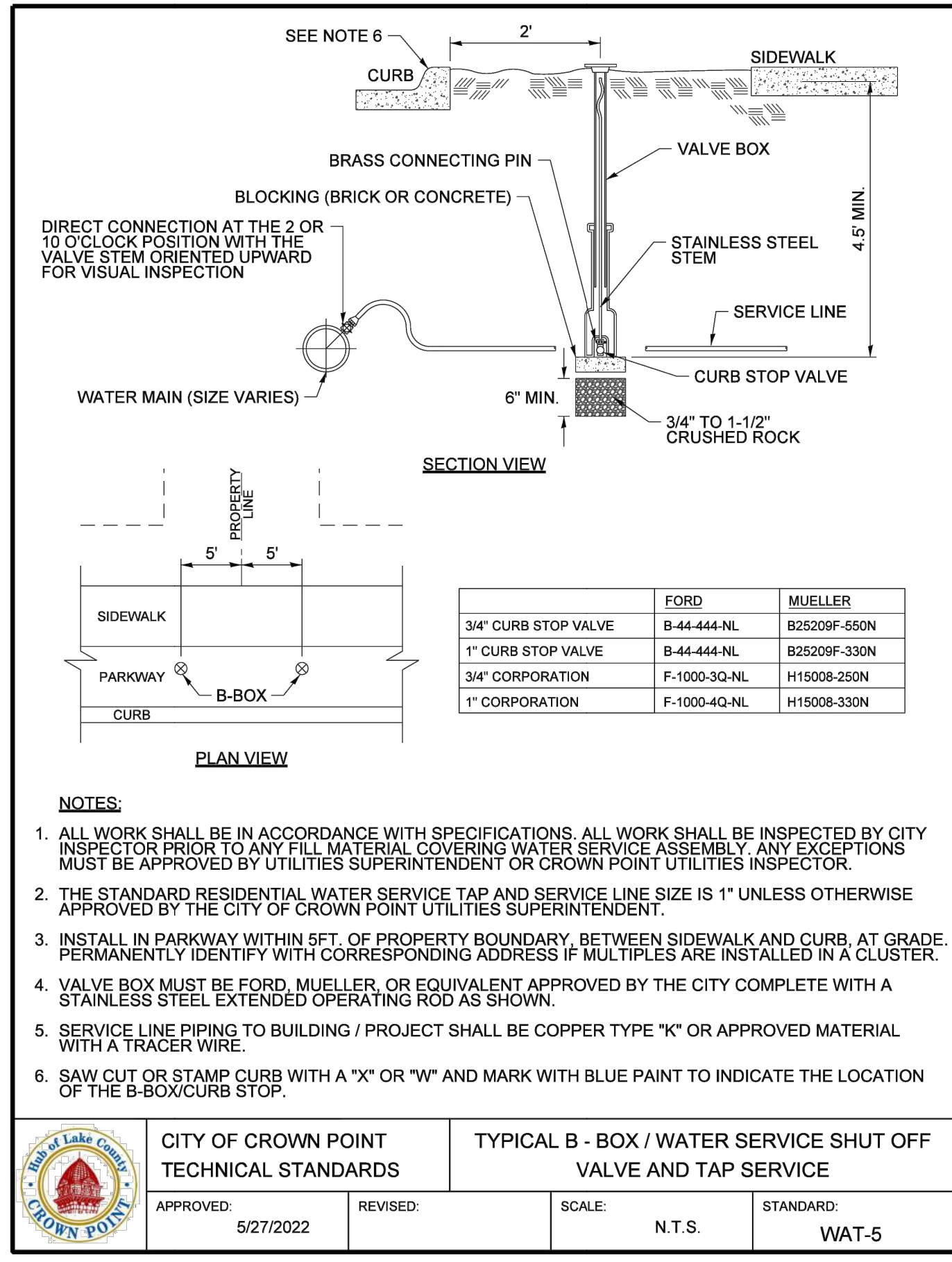


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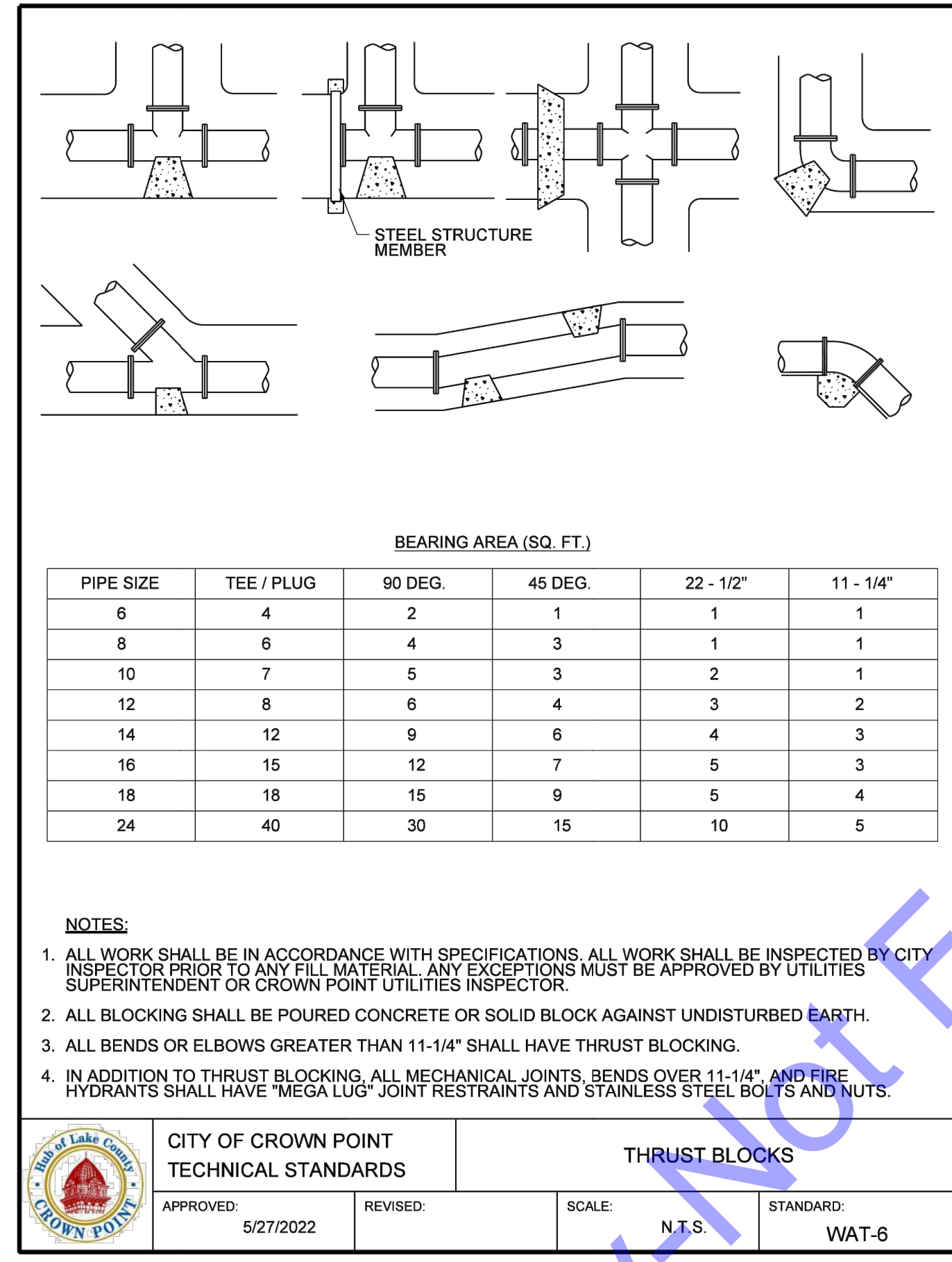
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Issue Date: 2-18-25	Project No: W24107	Scale: AS SHOWN

CITY OF CROWN POINT
 TECHNICAL STANDARD
 DETAILS

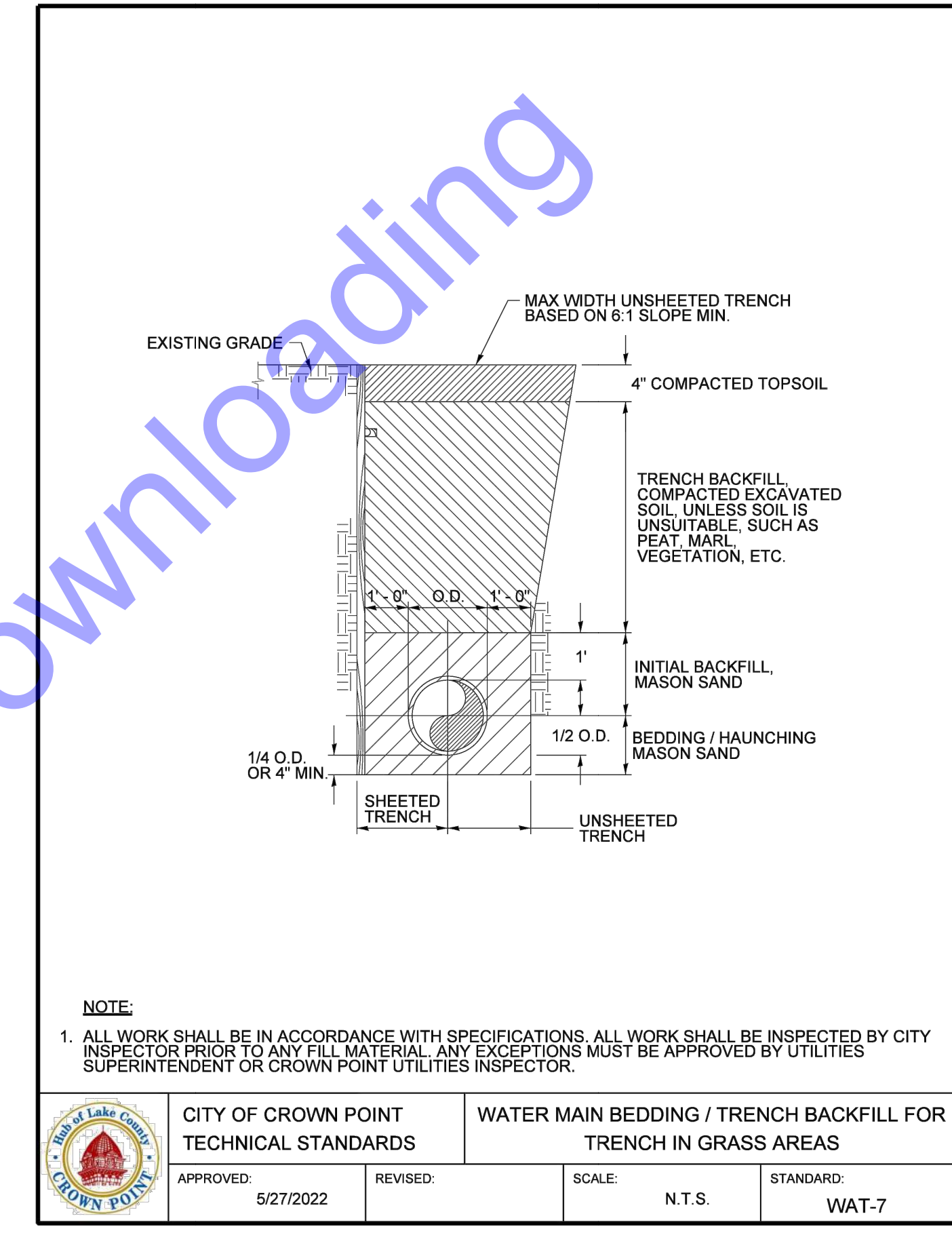
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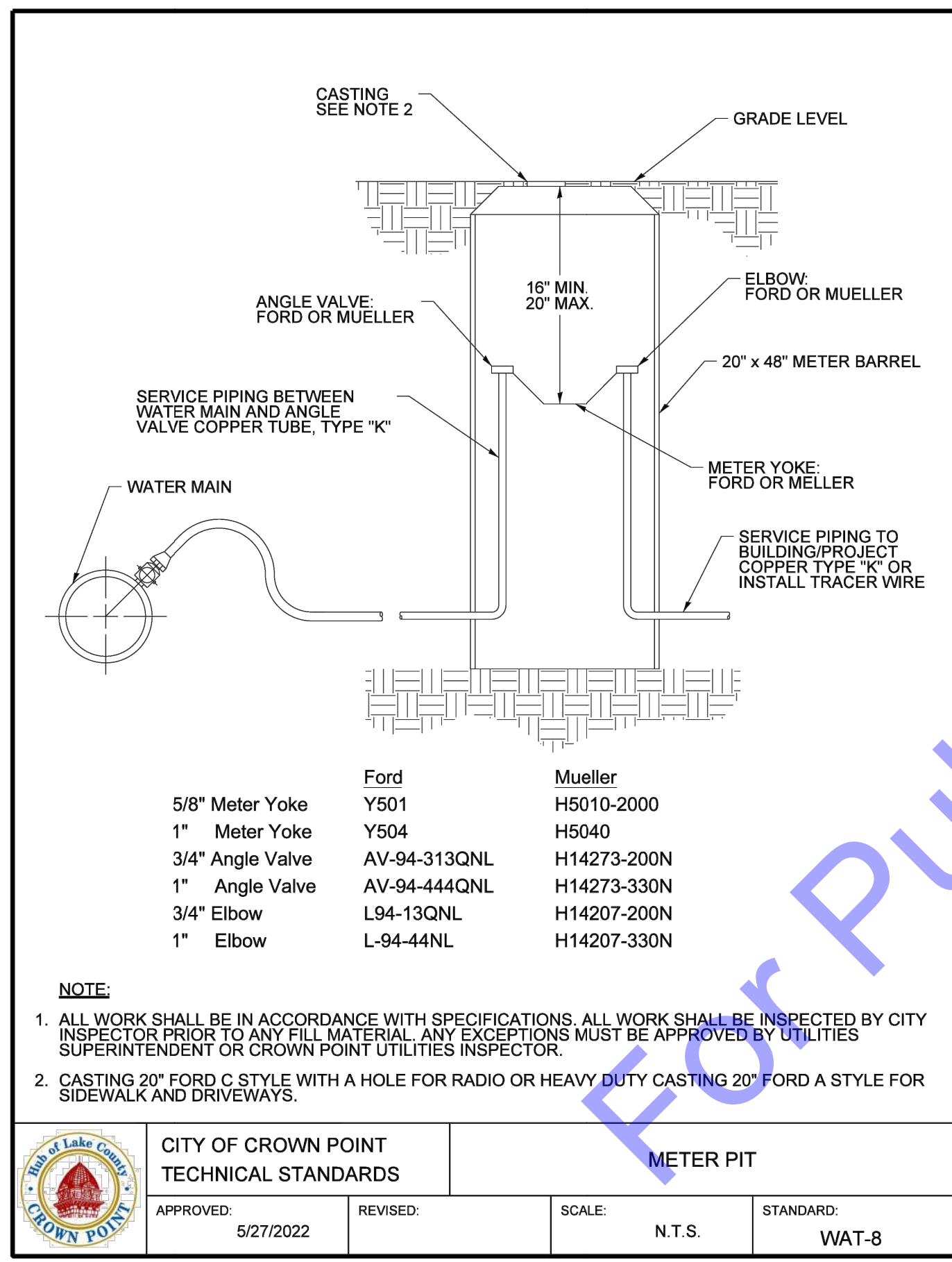
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	APPROVED: 5/27/2022	REVISED:	SCALE: N.T.S.	STANDARD: WAT-5



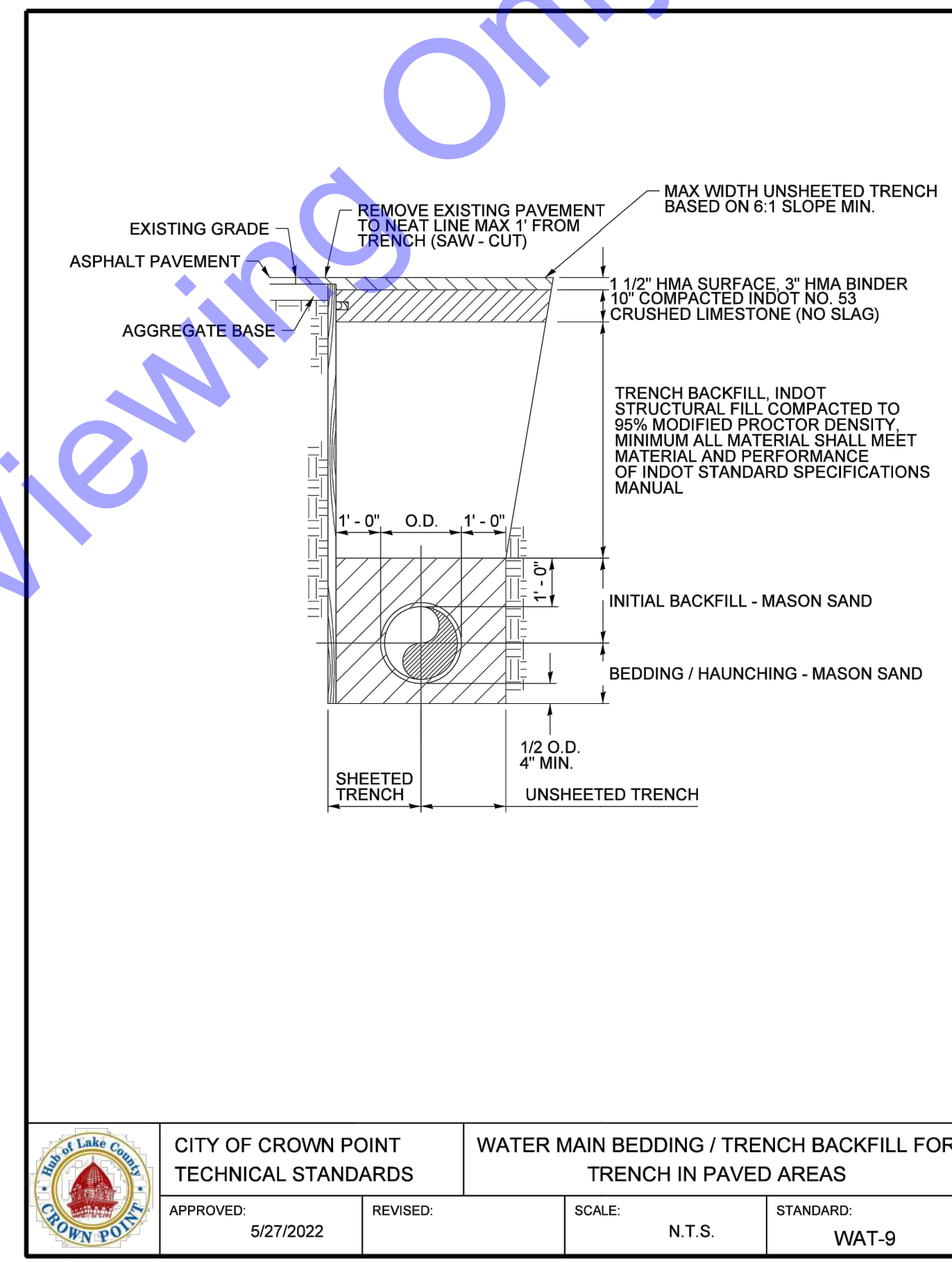
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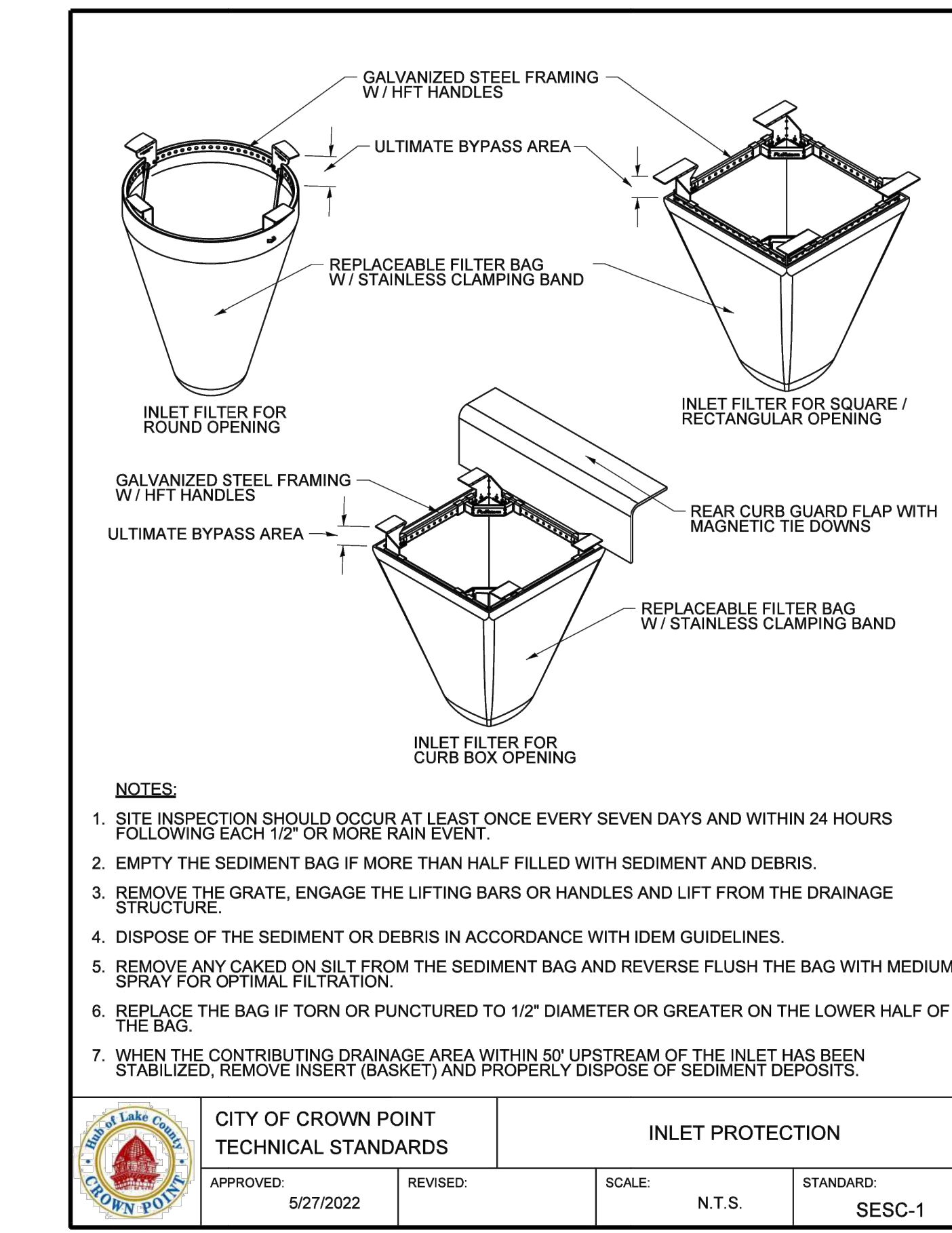
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	CITY OF CROWN POINT TECHNICAL STANDARDS		METER PIT	
	APPROVED: 5/27/2022	REVISED:	SCALE: N.T.S.	STANDARD: WAT-8



	CITY OF CROWN POINT TECHNICAL STANDARDS		WATER MAIN BEDDING / TRENCH BACKFILL FOR TRENCH IN PAVED AREAS	
	APPROVED: 5/27/2022	REVISED:	SCALE: N.T.S.	STANDARD: WAT-9



	CITY OF CROWN POINT TECHNICAL STANDARDS		INLET PROTECTION	
	APPROVED: 5/27/2022	REVISED:	SCALE: N.T.S.	STANDARD: SESC-1

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 STATE OF INDIANA
 Signature: *Angela L. Mendola* Date: 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
 REPLACEMENTS

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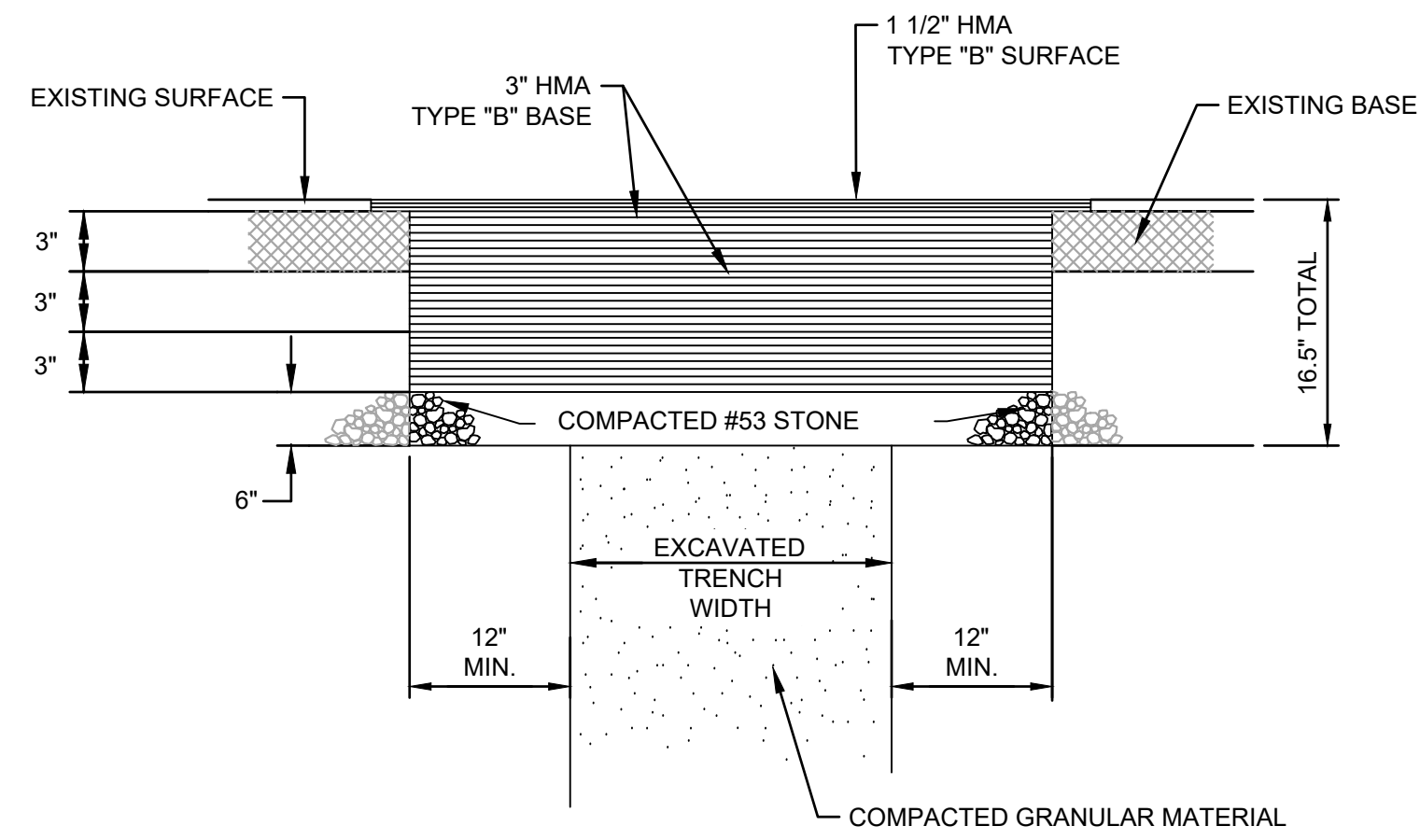
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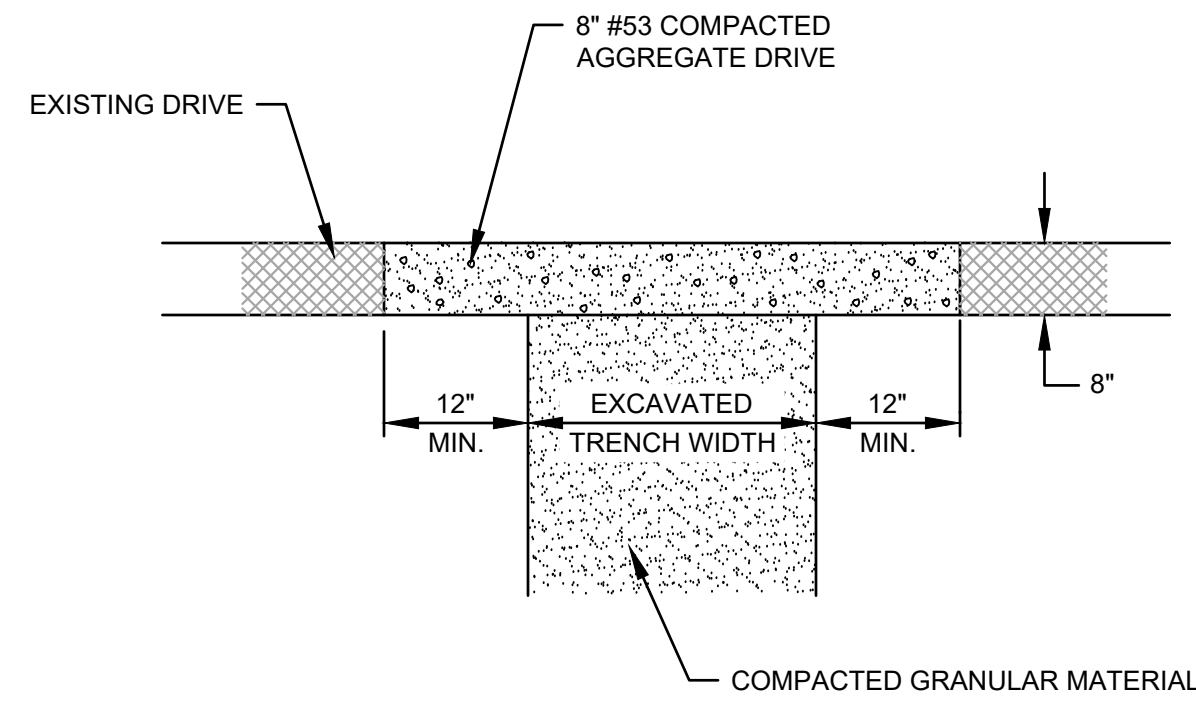
CITY OF CROWN POINT
 TECHNICAL STANDARD
 DETAILS

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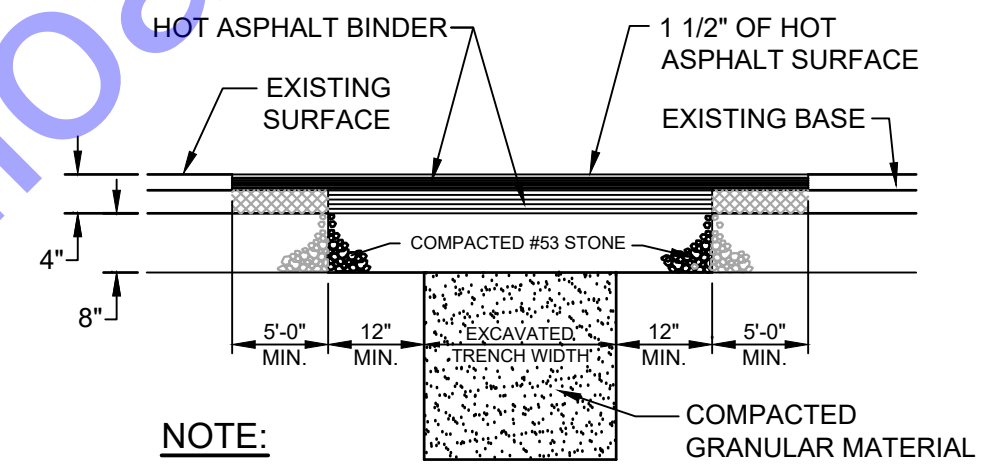
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**HIGHWAY
REPLACEMENT DETAIL**
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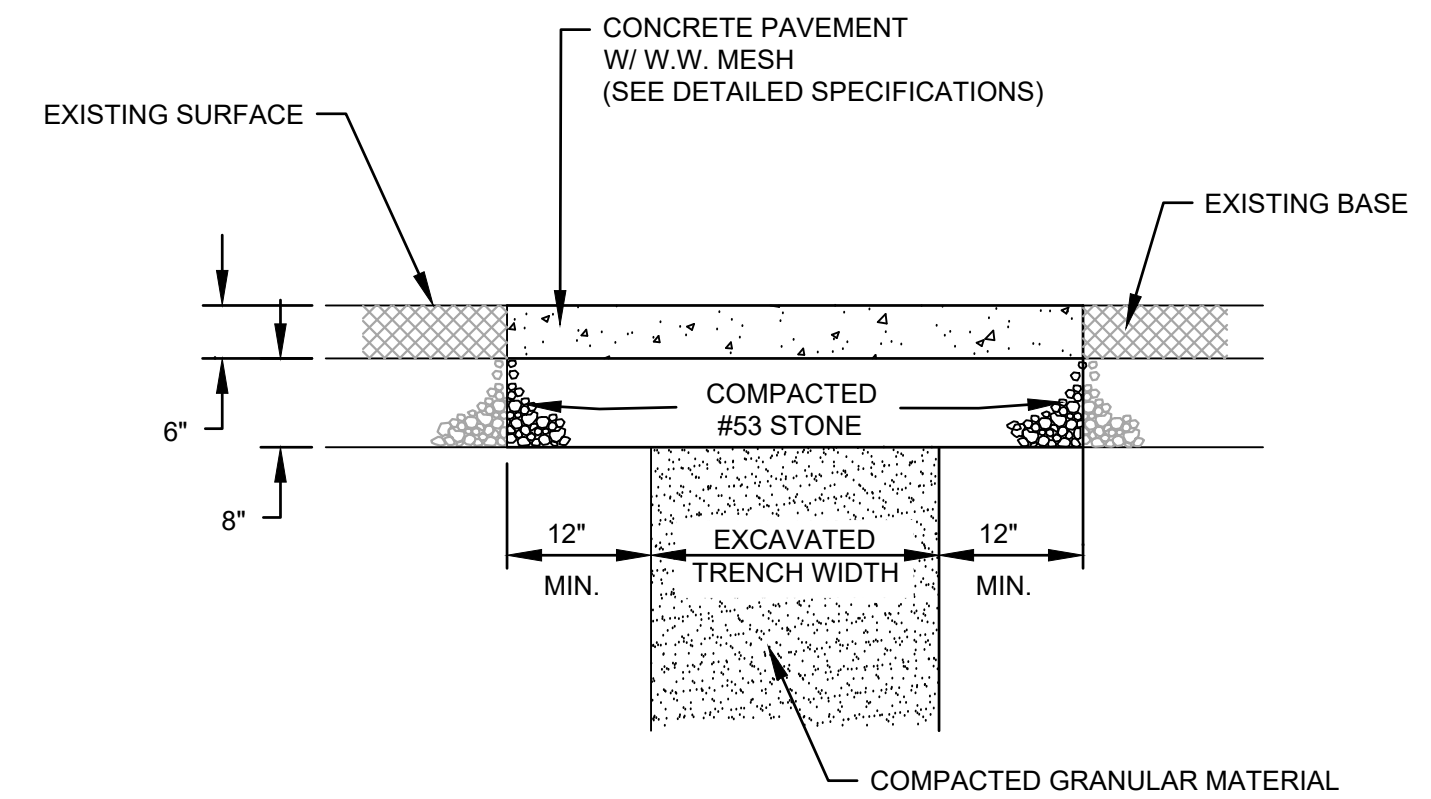


**SURFACE RESTORATION DETAIL
FOR GRAVEL PAVEMENT - ROAD**
NO SCALE



NOTE:
AREAS OUTSIDE BASE REPLACEMENT REQUIRE
1 1/2" MILLING PRIOR TO SURFACE RESTORATION

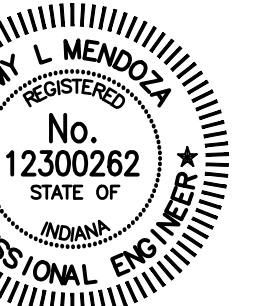
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**SURFACE RESTORATION DETAIL FOR
CONCRETE PAVEMENT - DRIVE**
NO SCALE

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Amy L. Mendoza
 Signature Date 2-12-25

CITY OF CROWN POINT
 LAKE COUNTY, INDIANA
 LEAD SERVICE LINE
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**MISCELLANEOUS
DETAILS**

Drawing No:
MD3
 Sheet: 98 OF 98