

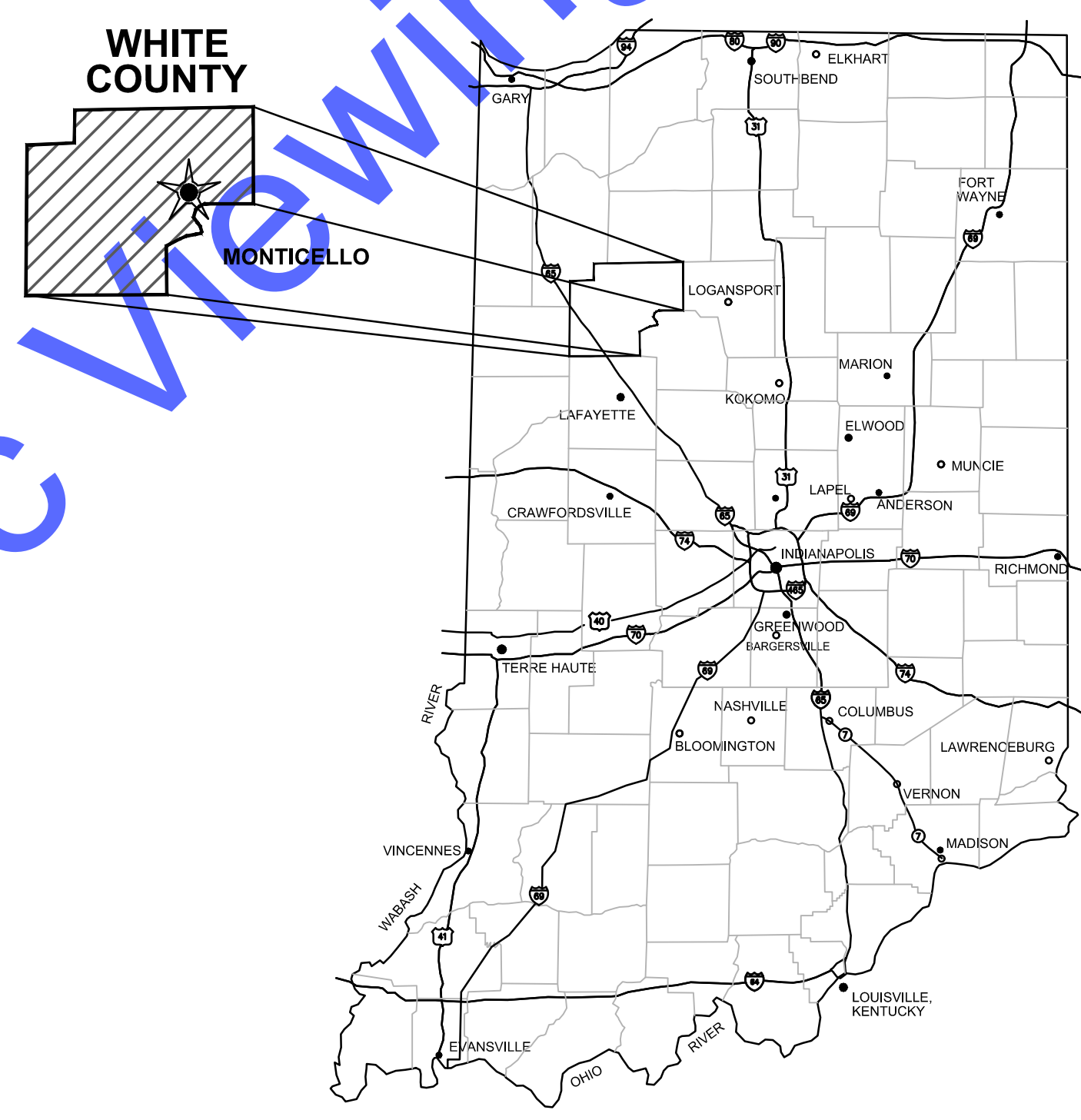
# CITY OF MONTICELLO WHITE COUNTY, INDIANA

## LEAD SERVICE LINE REPLACEMENTS

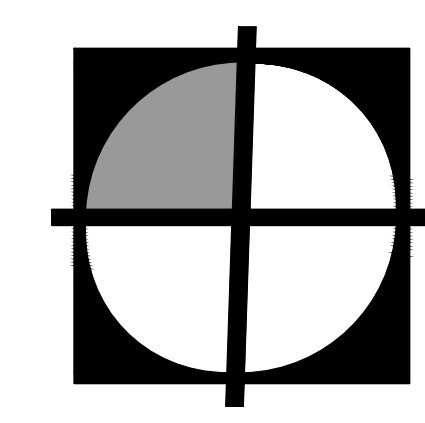
### FEBRUARY 2026

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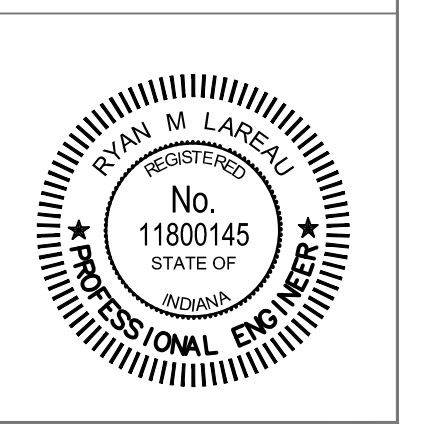
GENERAL LOCATION MAP



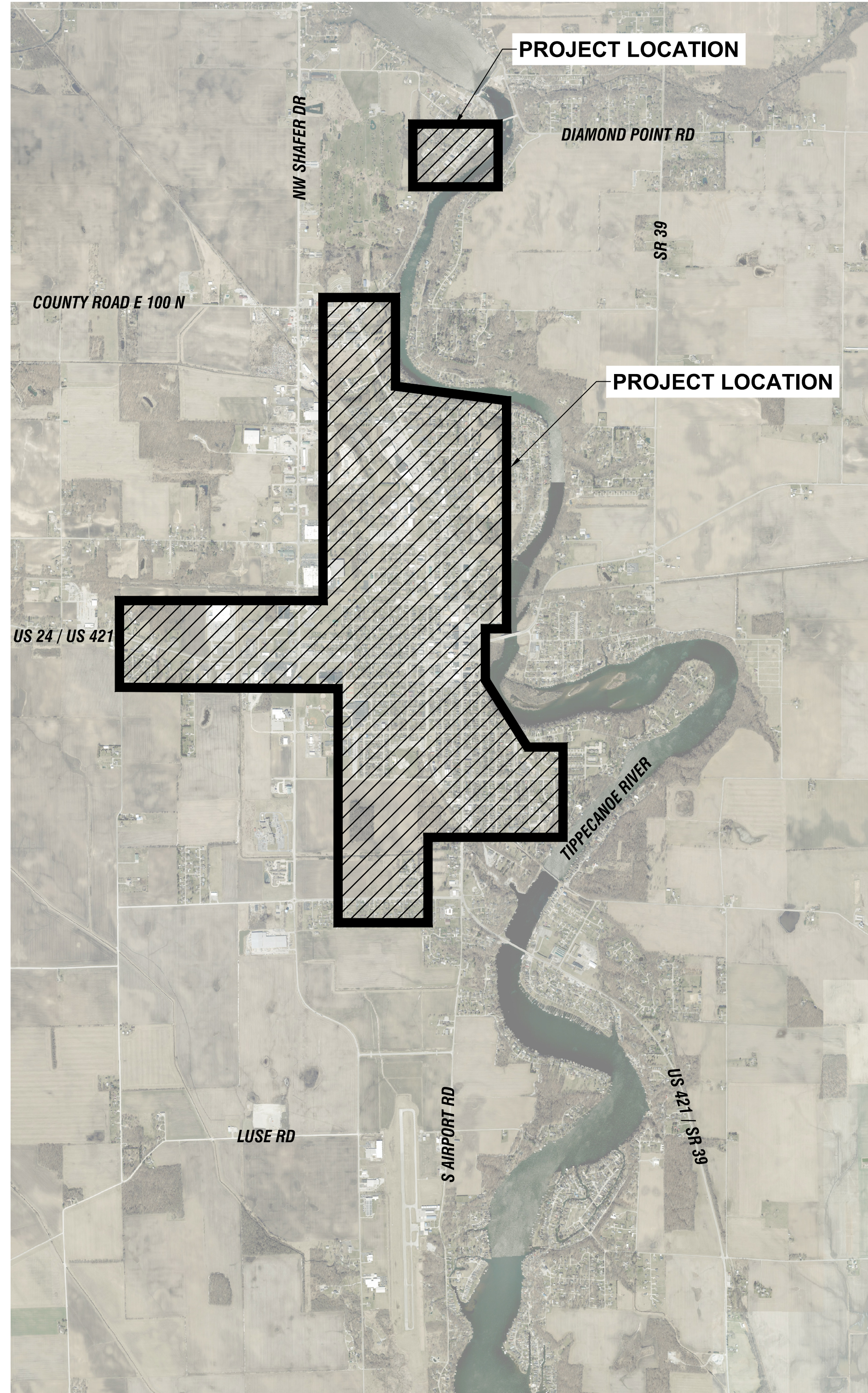
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QA/QC BY : ANDREW ROBARGE, P.E.      03/25/26  
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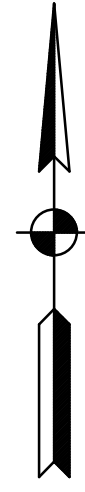
CERTIFIED BY : *Ryan M. Lareau*      03/25/26  
RYAN M. LAREAU      DATE :  
INDIANA P.E. No. 11800145



CONTRACT NO. : W25138

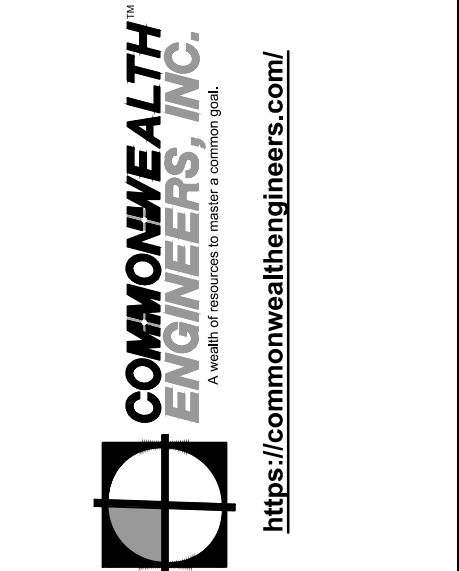


**VICINITY MAP**  
 SCALE: 1"=2000'-0"  
 0 2000' 4000'



DRAWING SET INDEX		
SHEET NO.	DRAWING NO.	SHEET TITLE
<b>GENERAL DRAWINGS</b>		
01	G1	TITLE SHEET
02	G2	VICINITY MAP AND DRAWING SET INDEX
03	G3	GENERAL ABBREVIATIONS, LEGENDS, SYMBOLS, AND NOTES
04	G4	DRAWING SHEET INDEX
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06	C02	PLAN VIEWS
07	C03	PLAN VIEWS
08	C04	PLAN VIEW
09	C05	PLAN VIEWS
10	C06	PLAN VIEWS
11	C07	PLAN VIEWS
12	C08	PLAN VIEWS
13	C09	PLAN VIEWS
14	C10	PLAN VIEWS
15	C11	PLAN VIEWS
16	C12	PLAN VIEWS
17	C13	PLAN VIEW
18	C14	PLAN VIEWS
19	C15	PLAN VIEWS
20	C16	PLAN VIEWS
21	C17	PLAN VIEW
22	C18	PLAN VIEWS
23	C19	PLAN VIEWS
24	C20	PLAN VIEWS
25	C21	PLAN VIEWS
26	C22	PLAN VIEWS
27	C23	PLAN VIEWS
28	C24	PLAN VIEWS
29	C25	PLAN VIEWS
30	C26	PLAN VIEWS
31	C27	PLAN VIEWS
<b>MISCELLANEOUS DETAIL DRAWINGS</b>		
32	MD1	MISCELLANEOUS DETAILS
33	MD2	MISCELLANEOUS DETAILS
34	MD3	MISCELLANEOUS DETAILS
35	MD4	STORMWATER POLLUTION PREVENTION PLAN
36	MD5	STORMWATER POLLUTION PREVENTION PLAN
37	MD6	STORMWATER POLLUTION PREVENTION PLAN
38	MD7	STORMWATER POLLUTION PREVENTION PLAN
39	MD8	MAINTENANCE OF TRAFFIC DETAILS
40	MD9	MAINTENANCE OF TRAFFIC DETAILS
41	MD10	MAINTENANCE OF TRAFFIC DETAILS
42	MD11	MAINTENANCE OF TRAFFIC DETAILS
43	MD12	MAINTENANCE OF TRAFFIC DETAILS

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RYAN M. LAREAU  
 REGISTERED  
 No. 11800145  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER  
 Signature: [Signature] Date: 03/25/26

CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA  
 LEAD SERVICE LINE REPLACEMENTS

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No.	Submitted / Revision	By	Date

Designed By: RML Drawn By: KJG Checked By: AMR  
 Issue Date: 03/25/26 Project No: W25138 Scale: AS SHOWN

VICINITY MAP AND DRAWING SET INDEX

Drawing No:  
**G2**  
 Sheet: 02 OF 43

**GENERAL ABBREVIATIONS**

A	AIR	FLD	FILTRATE DRAIN	P/L	MATERIAL
AB	ANCHOR BOLT	FLG	FLANGE	P/OJ	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**

- PROPERTY LINE AND RIGHT-OF-WAY 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. PROPERTY AND RIGHT-OF-WAY LINE INFORMATION SHOWN WHERE PROPOSED IMPROVEMENTS ARE INDICATED ON PLANS, HAVE BEEN VERIFIED AND CONFIRMED AS ACCURATE AS POSSIBLE.
- 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.

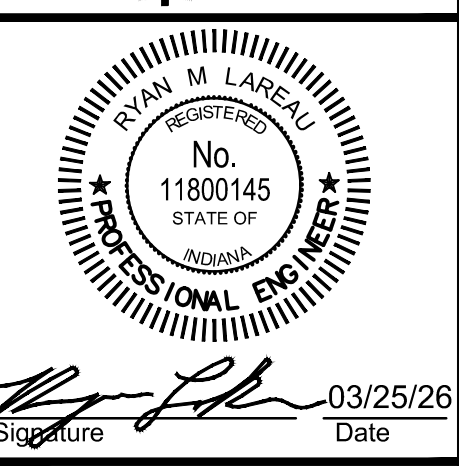
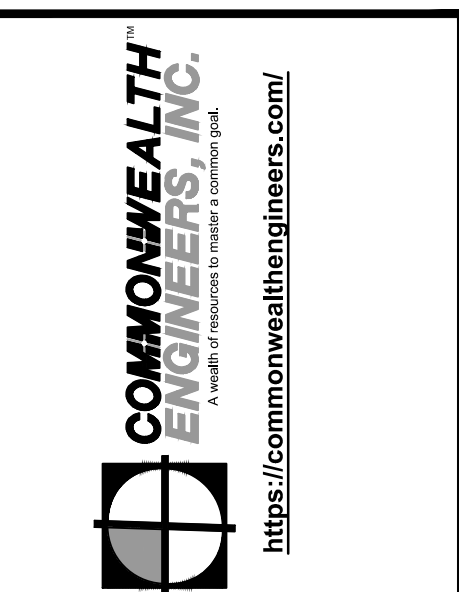
**UTILITY QUALITY LEVEL D** - INFORMATION DERIVED FROM EXISTING RECORDS OR VERBAL RECOLLECTIONS.

**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

**DRAWING SET LEGEND**

	EXISTING OVERHEAD TELEPHONE LINE		AC UNIT		TELEPHONE MANHOLE
	EXISTING GAS LINE AND VALVE		BOLLARD		TELEPHONE LINE MARKER
	EXISTING WATER LINE AND VALVE		BOLLDER / LARGE ROCK		TRAFFIC MANHOLE
	EXISTING FIBER OPTIC LINE		CENTER LINE MONUMENT		WATER LINE MARKER
	EXISTING OVERHEAD ELECTRIC LINE		ROW MONUMENT		WATER METER
	EXISTING BURIED ELECTRIC		CONTROL POINT / BENCH MARK		VALVE
	EXISTING NON-POTABLE WATER LINE		DRILL HOLE		IRRIGATION CONTROL VALVE
	EXISTING POTABLE WATER LINE		MAIL BOX		FIRE HYDRANT
	EXISTING WATER SERVICE LINE		FLAG POLE		FLUSH HYDRANT
	EXISTING BURIED TELEPHONE LINE		POST		YARD HYDRANT
	EXISTING FENCE		STUMP		WALL SPIGOT
	EXISTING RIGHT-OF-WAY		BUSH / HEDGE		EXISTING PIPE PLUG
	EXISTING PROPERTY LINE		DECIDUOUS TREE		STORM CATCH BASIN (SQUARE)
	EDGE OF ROAD		CONIFEROUS TREE		STORM CATCH BASIN (ROUND)
	EDGE OF ROAD WITH CURB		SIGN		STORM CURB INLET
	EXISTING MAJOR CONTOUR LINE		UTILITY LOCATE FLAG		STORM MANHOLE
	EXISTING MINOR CONTOUR LINE		GAS LINE MARKER		SANITARY MANHOLE
	NEW WATER LINE		GAS VALVE		SANITARY VALVE
	PROPOSED MAJOR CONTOUR LINE		GAS METER		CLEANOUT
	PROPOSED MINOR CONTOUR LINE		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		NEW WATER METER PIT



CITY OF MONTICELLO  
WHITE COUNTY, INDIANA

LEAD SERVICE LINE REPLACEMENTS



Date	
By	
Submitted / Revision	
No.	

Designed By:	Drawn By:	Checked By:
RML	KJG	AMR

Issue Date:	Project No:	Scale:
03/25/26	W25138	AS SHOWN

GENERAL ABBREVIATIONS, LEGENDS, SYMBOLS, AND NOTES

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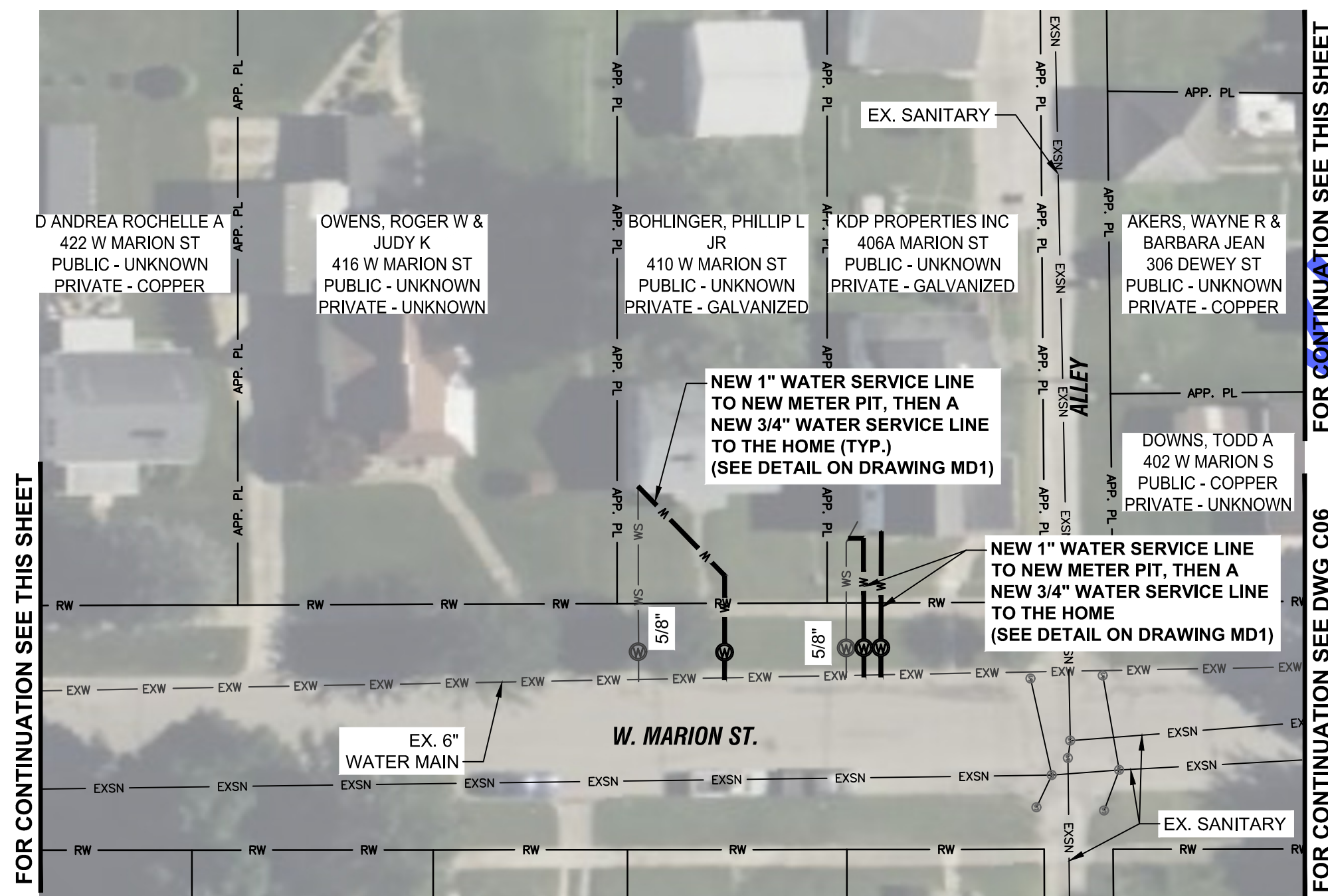




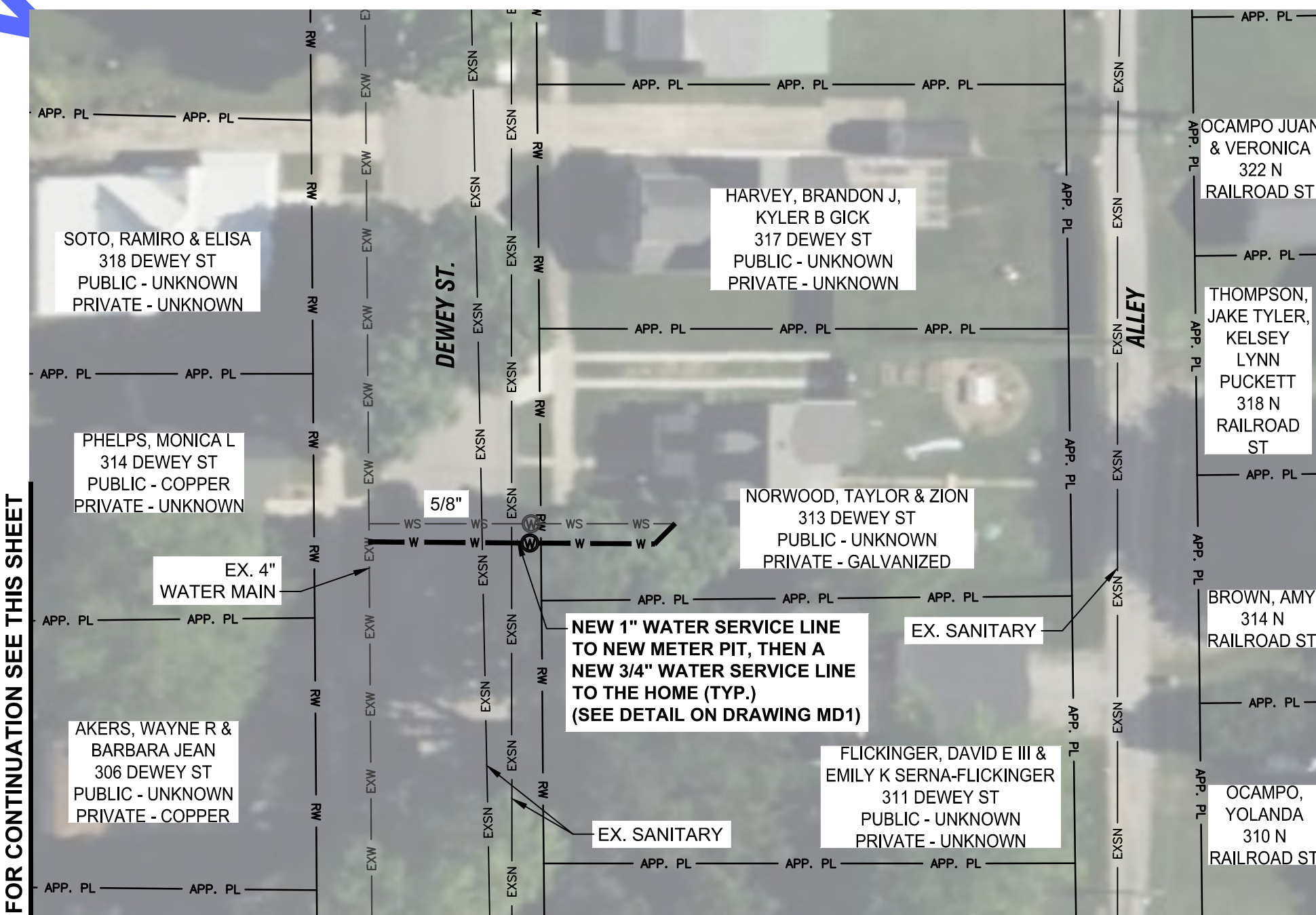






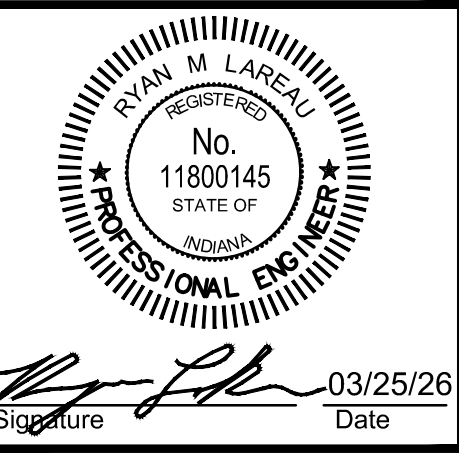
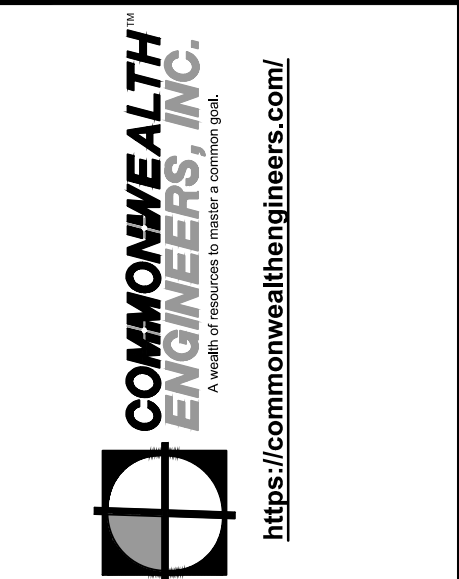
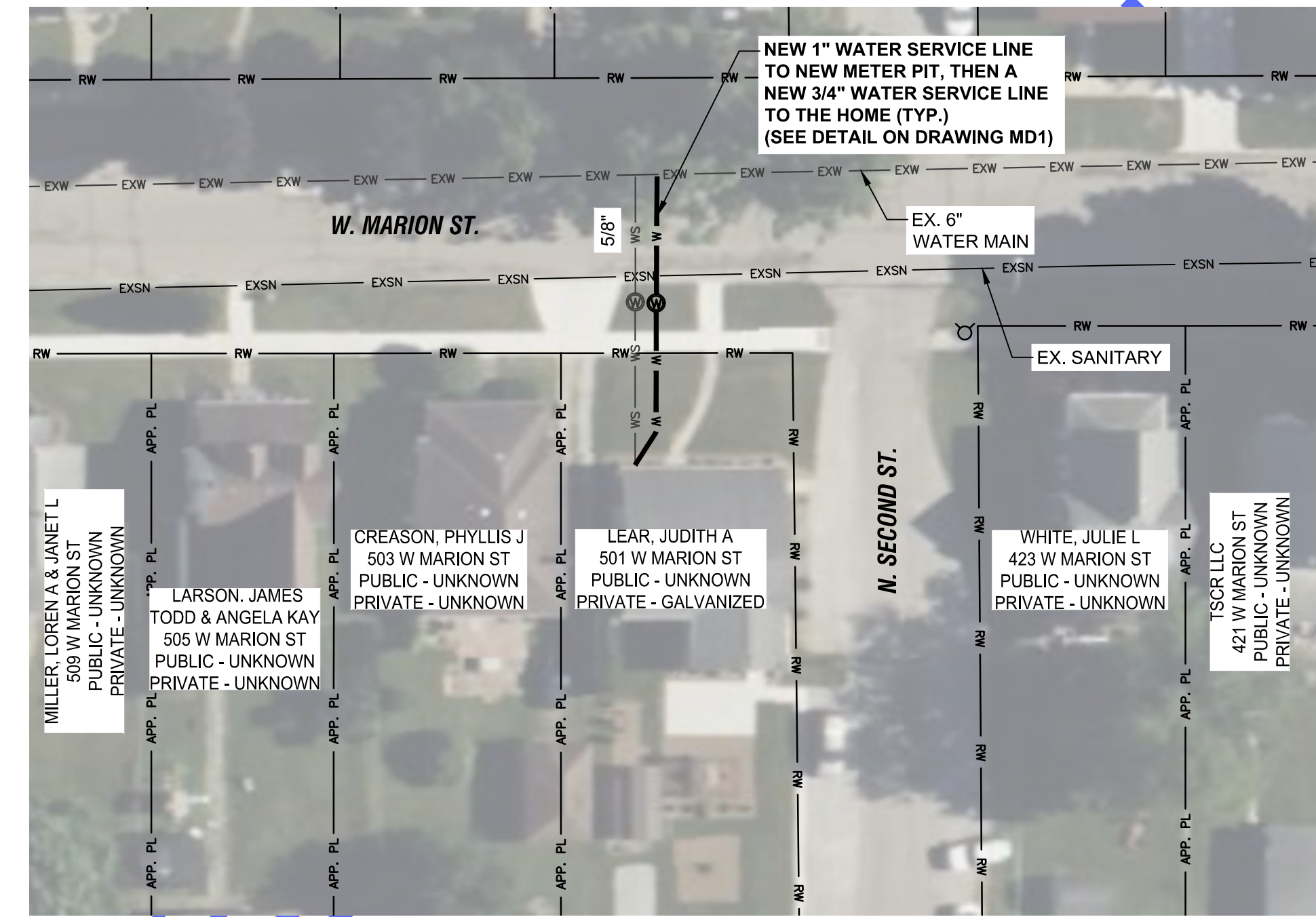


**PLAN VIEWS**  
 SCALE: 1"=30'-0"  
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**GENERAL NOTES:**

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.
5. CONTRACTOR TO FIELD VERIFY THE WATER SERVICE MATERIAL TYPE. IF THE EXISTING SERVICE, OR A PORTION OF THE SERVICE, IS FOUND TO BE PLASTIC OR COPPER, THAT PORTION OF THE SERVICE SHALL NOT BE REPLACED.
6. LOCATION OF EXISTING WATER MAIN, WATER SERVICES, AND METER PITS ARE APPROXIMATE. LOCATION SHALL BE FIELD VERIFIED PRIOR TO THE WORK.



CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA  
 LEAD SERVICE LINE REPLACEMENTS

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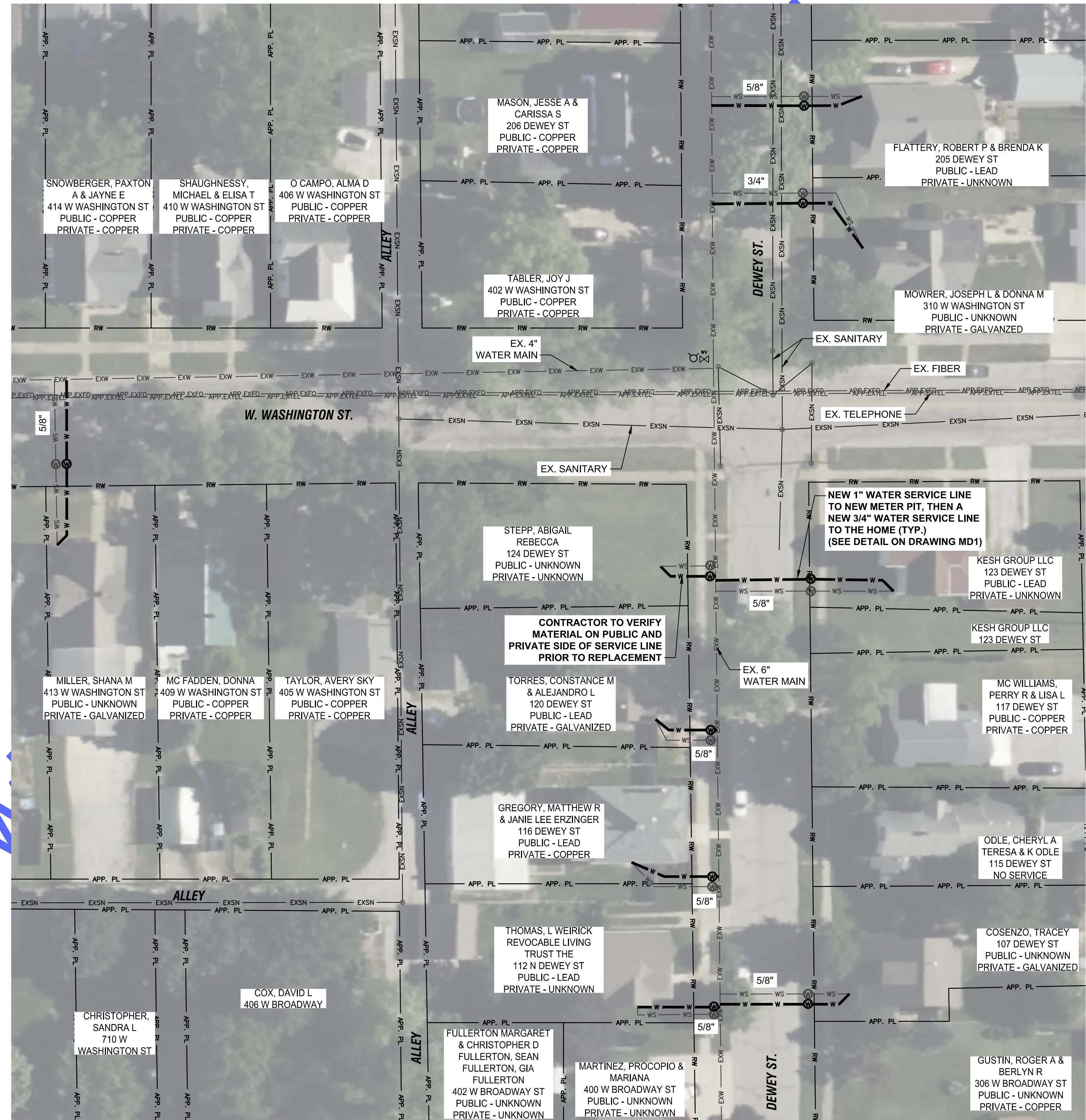
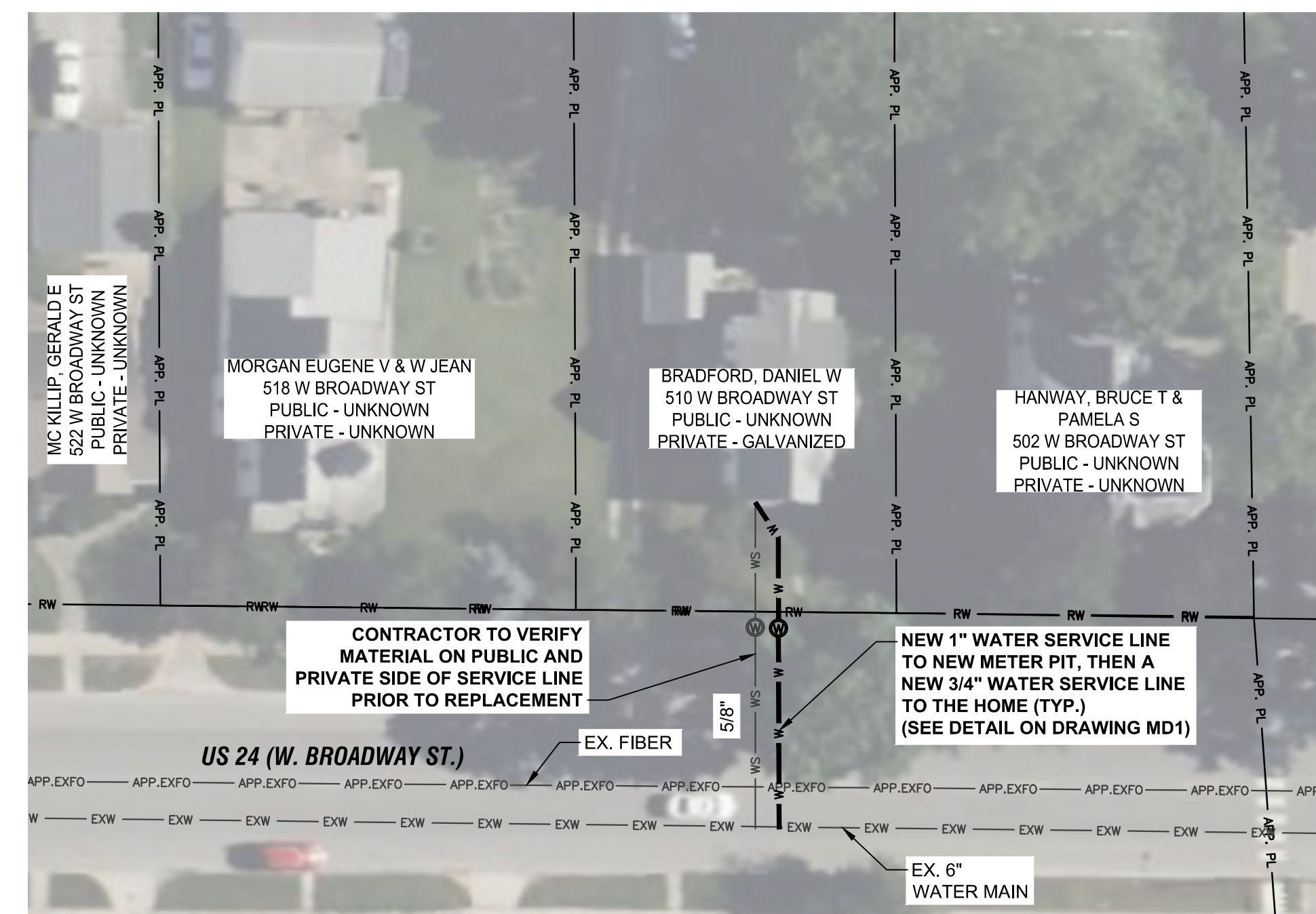
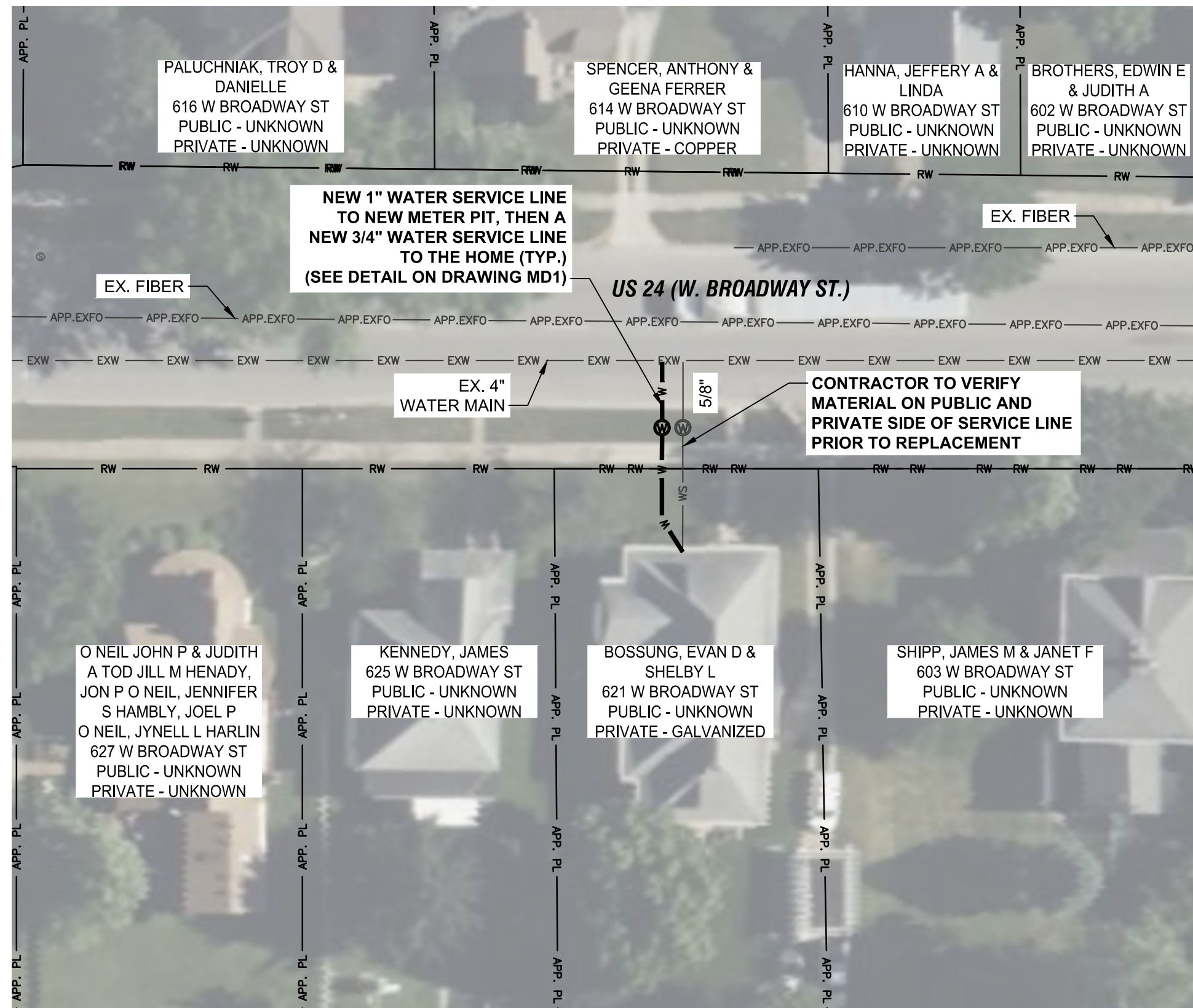
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Designed By: RML	Drawn By: KJG	Checked By: AMR
Issue Date: 03/25/26	Project No: W25138	Scale: AS SHOWN

PLAN VIEWS  
 Drawing No:  
**C05**  
 Sheet: 09 OF 43



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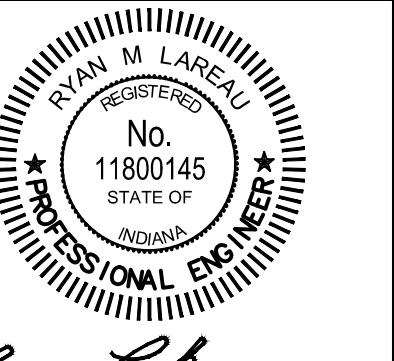
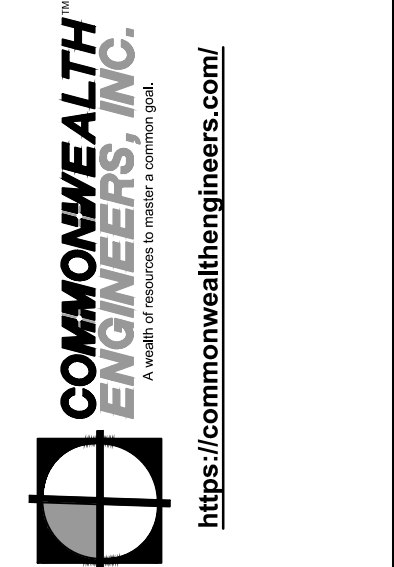


**PLAN VIEWS**

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 0 30' 60'

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Signature: *[Signature]* Date: 03/25/26

CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA  
 LEAD SERVICE LINE REPLACEMENTS

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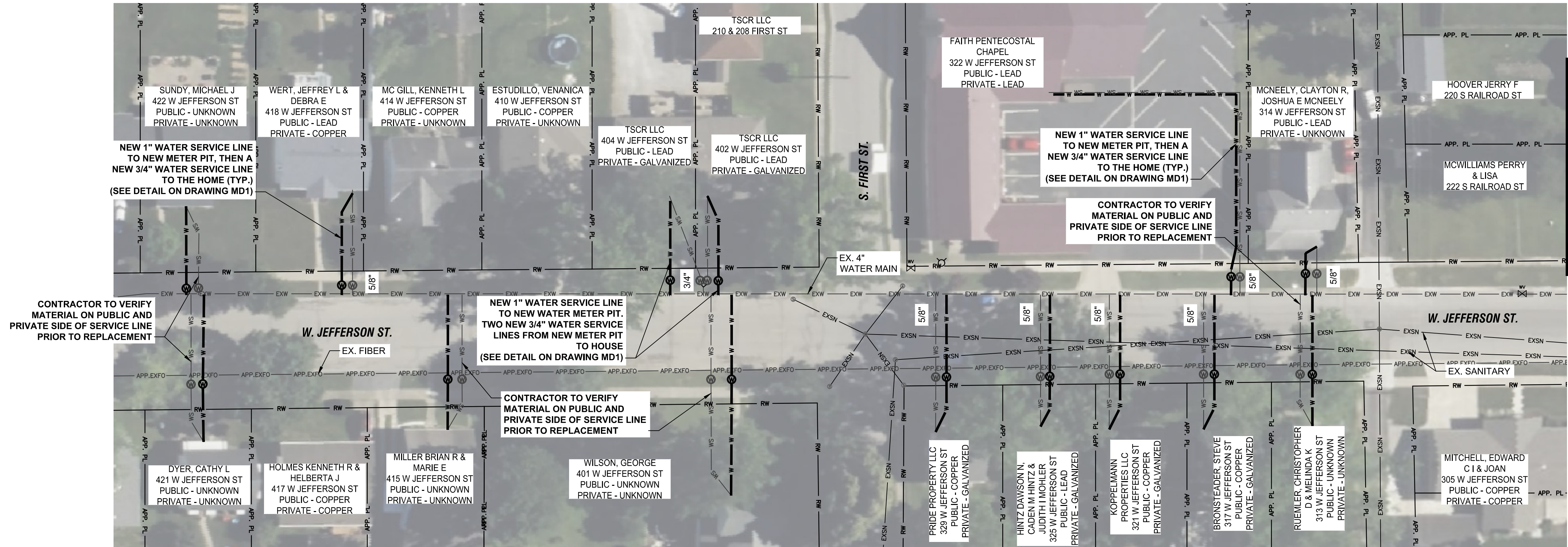
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No.	
Submitted / Revision	

Designed By:	Drawn By:	Checked By:
RML	KJG	AMR
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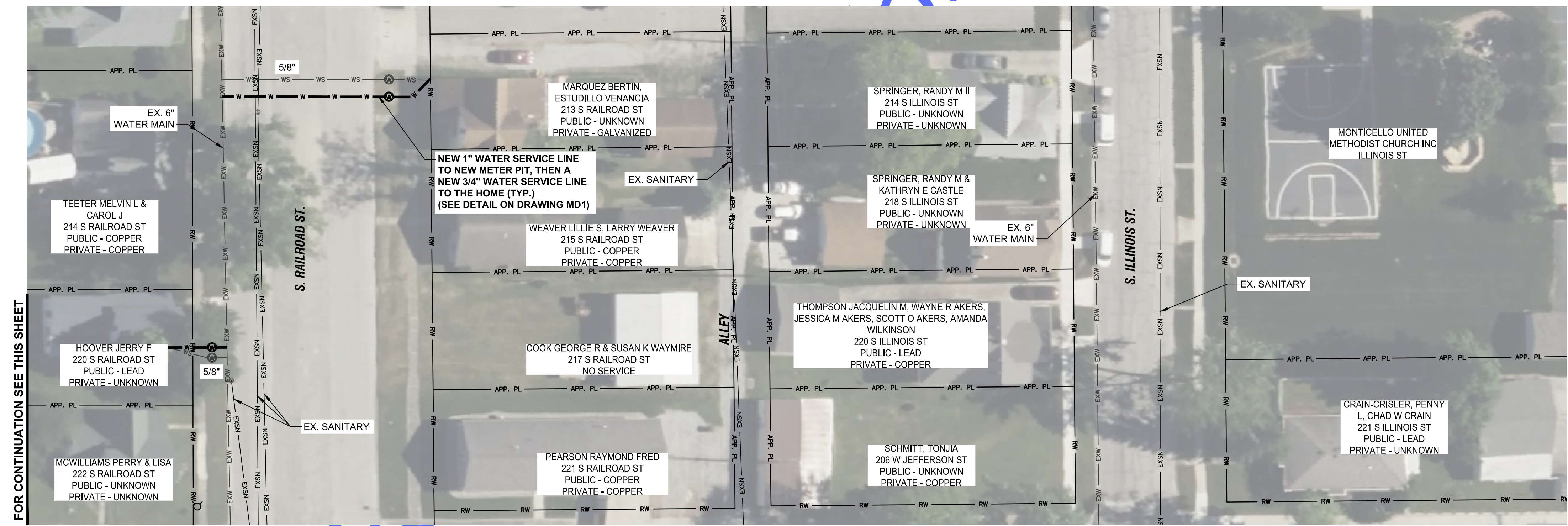
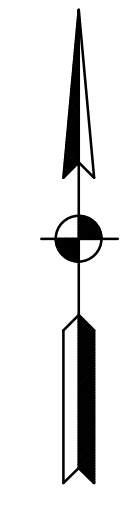
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**C07**  
 Sheet: 11 OF 43



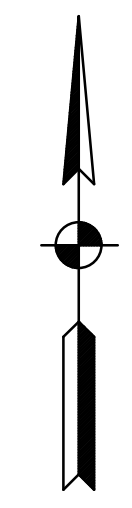




FOR CONTINUATION SEE THIS SHEET



FOR CONTINUATION SEE THIS SHEET



**PLAN VIEWS**  
 SCALE: 1"=30'-0"  
 0 30' 60'

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RYAN M. LAREAU  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 11800145  
 STATE OF INDIANA  
 Signature: [Signature] Date: 03/25/26

CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA  
 LEAD SERVICE LINE REPLACEMENTS

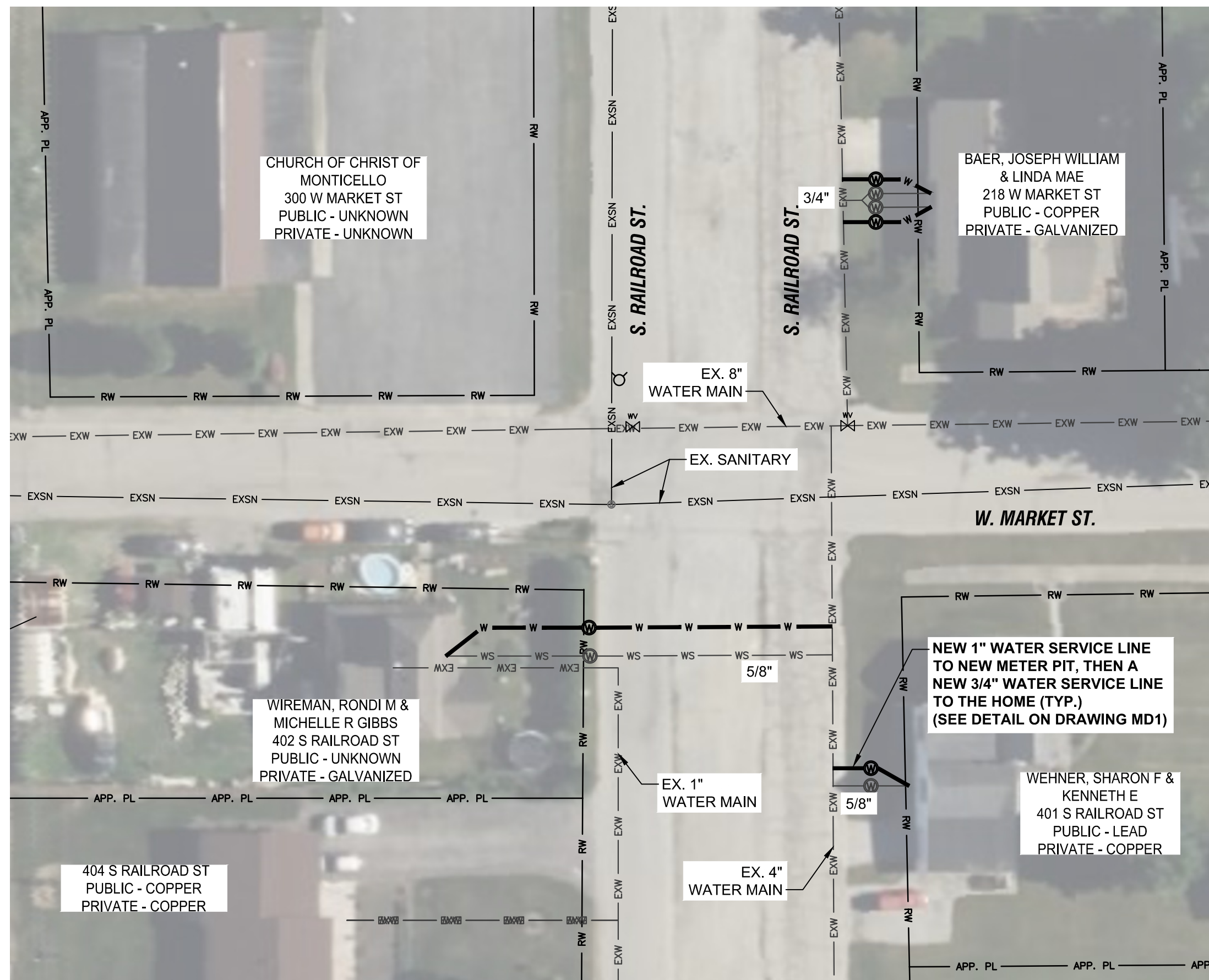
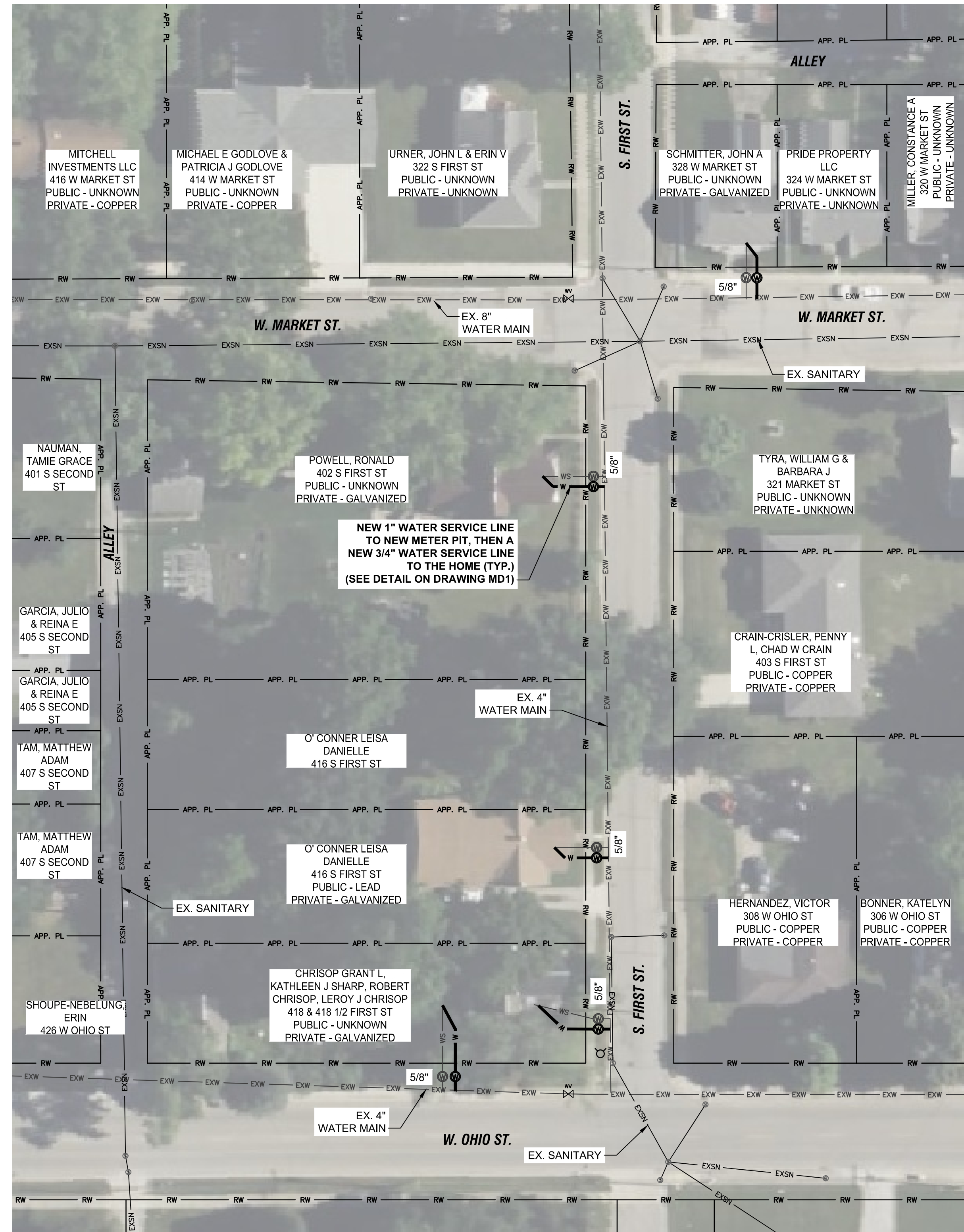
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Designed By: RML	Drawn By: KJG	Checked By: AMR
Issue Date: 03/25/26	Project No: W25138	Scale: AS SHOWN

PLAN VIEWS  
 Drawing No: **C10**  
 Sheet: 14 OF 43

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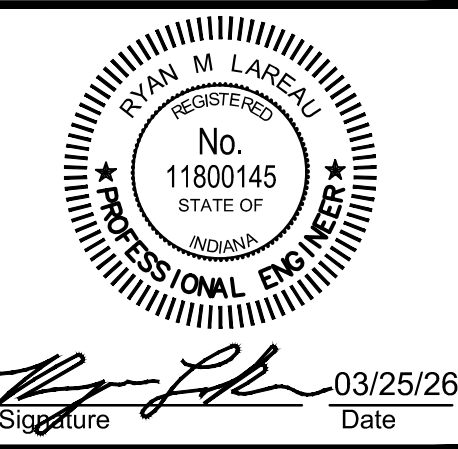
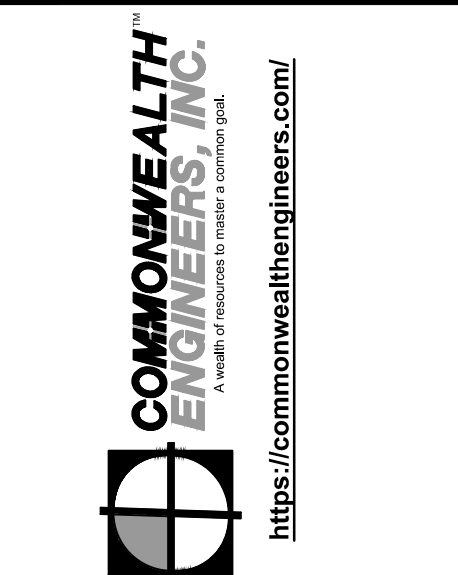
**PLAN VIEWS**

SCALE: 1"=30'-0"  
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**GENERAL NOTES:**

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For Review



CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA  
 LEAD SERVICE LINE REPLACEMENTS

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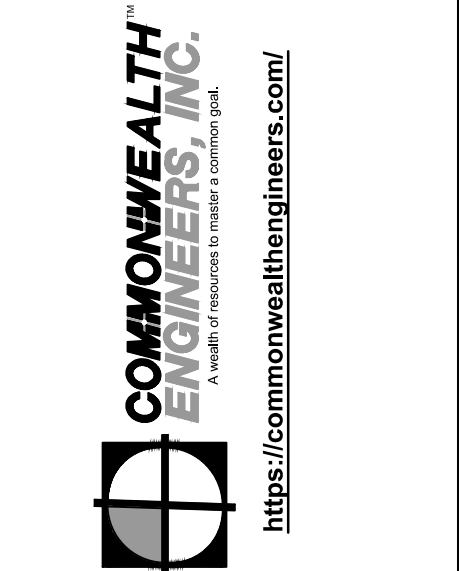
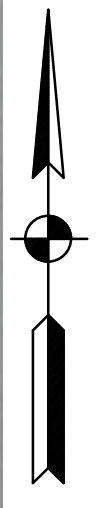
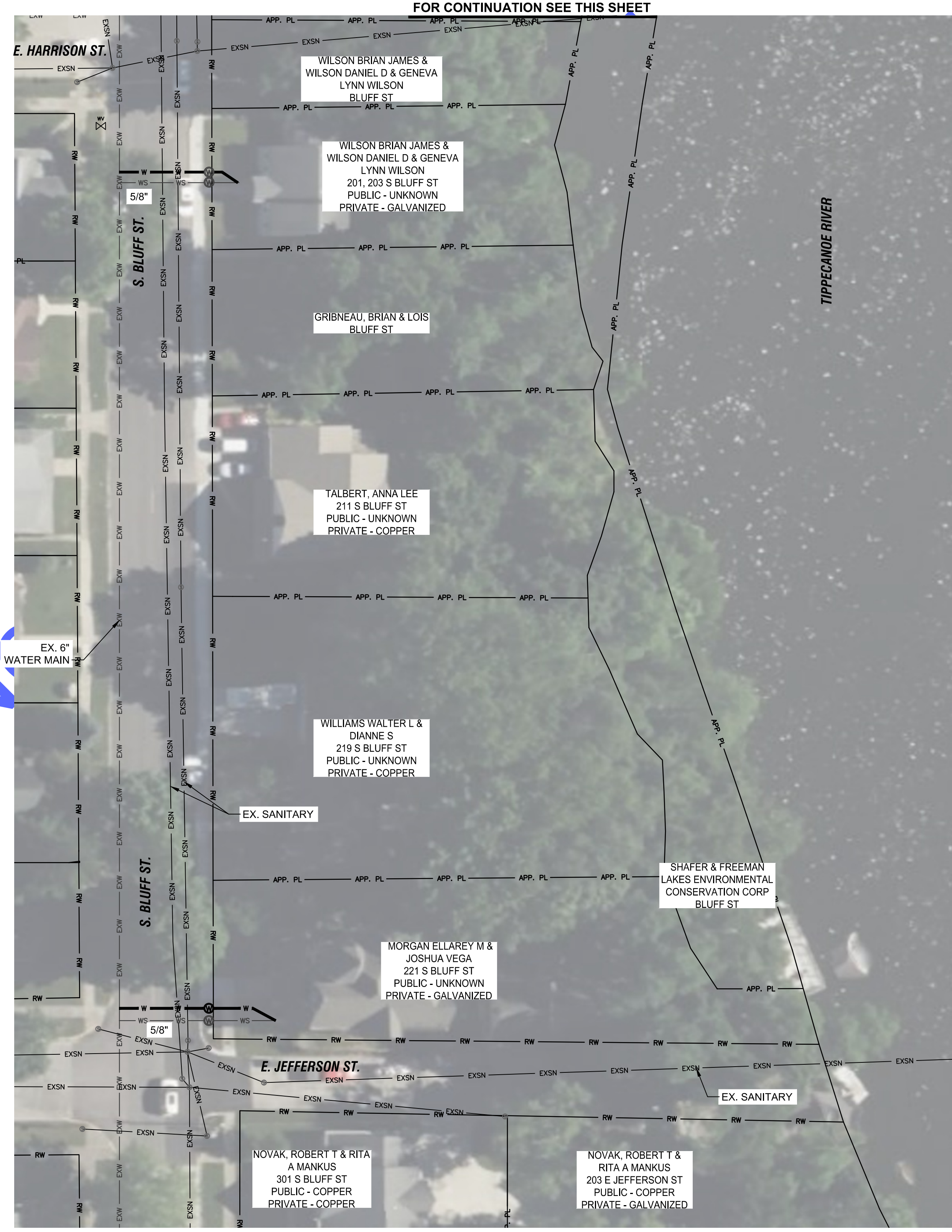
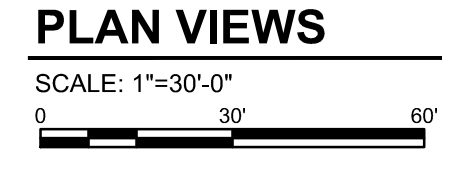
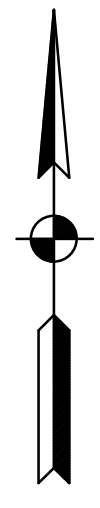
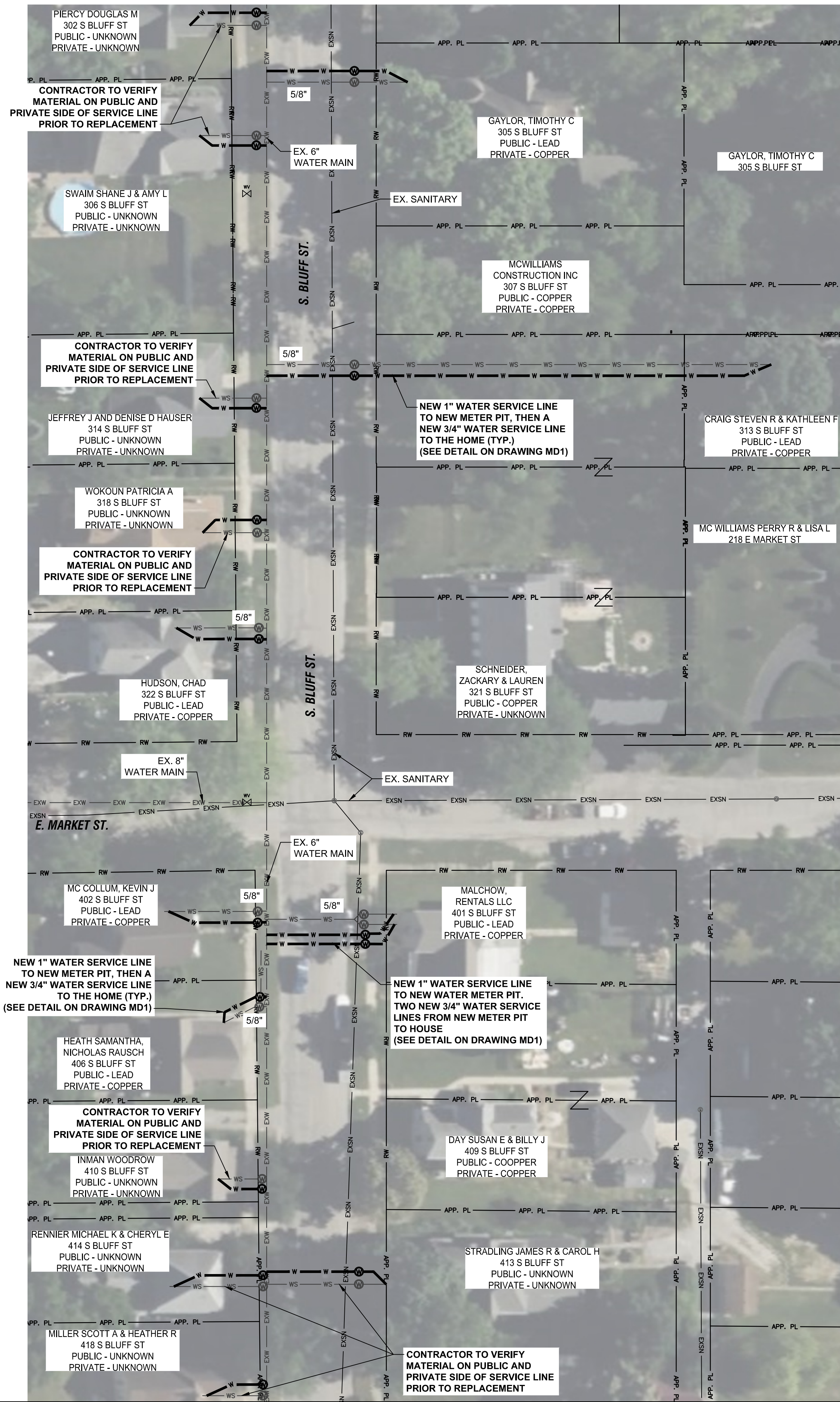
Date	
By	
No.	
Submittal / Revision	

Designed By:	Drawn By:	Checked By:
RML	KJG	AMR
Issue Date:	Project No:	Scale:
03/25/26	W25138	AS SHOWN

PLAN VIEWS

Drawing No:  
**C11**  
 Sheet: 15 OF 43

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RYAN M LAREAU  
 REGISTERED  
 No. 11800145  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER

Signature: *[Signature]* Date: 03/25/26

CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA

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No.	Submitted / Revision	By	Date

Designed By: RML Drawn By: KJG Checked By: AMR  
 Issue Date: 03/25/26 Project No: W25138 Scale: AS SHOWN

PLAN VIEWS

Drawing No:  
**C12**

Sheet: 16 OF 43

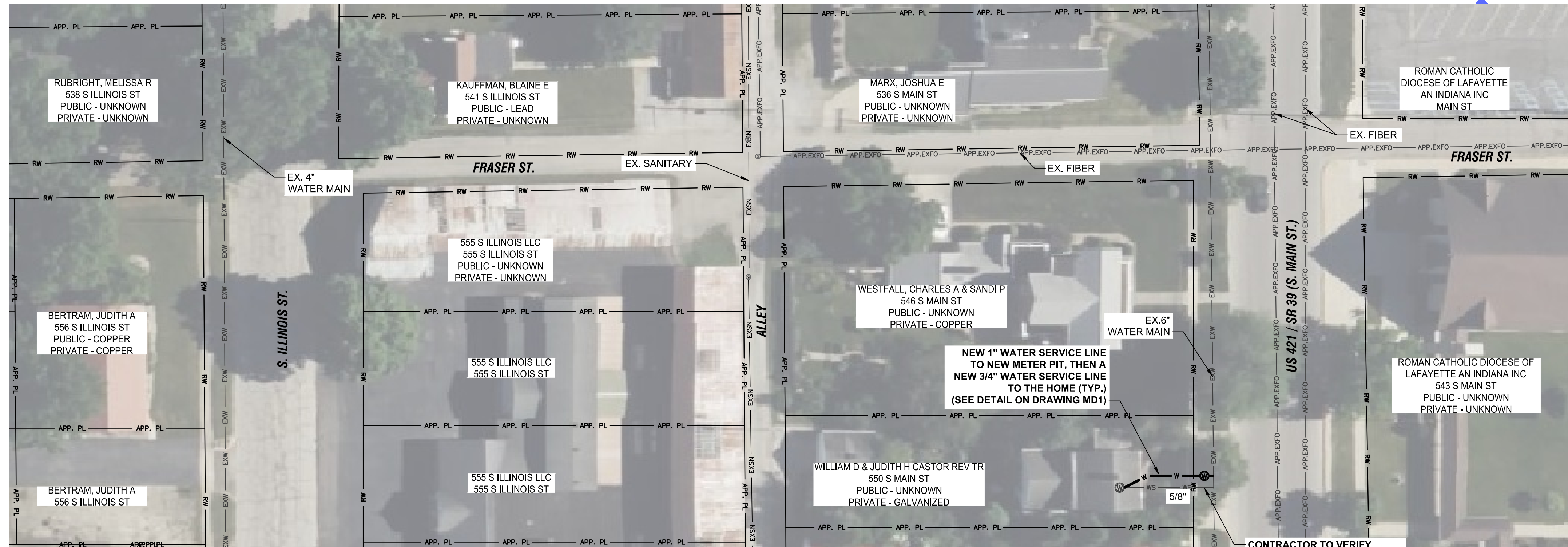
- GENERAL NOTES:**
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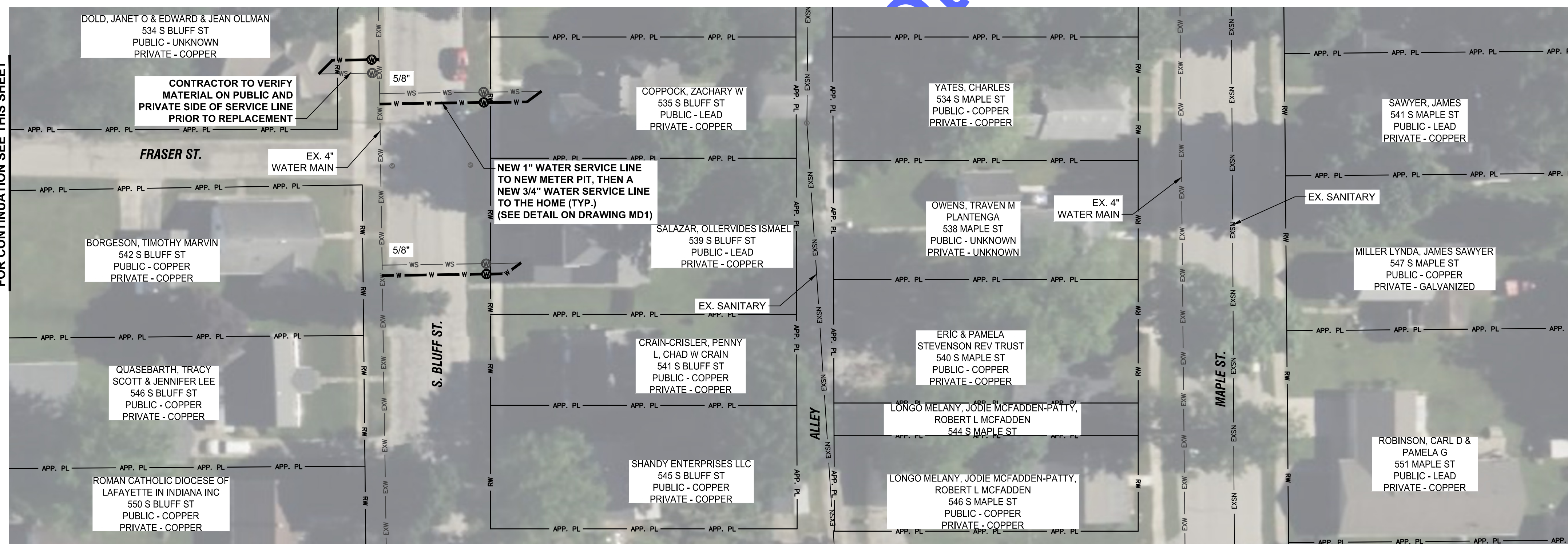
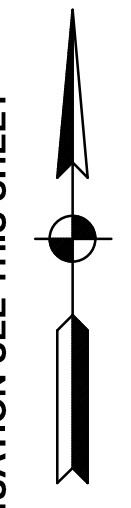




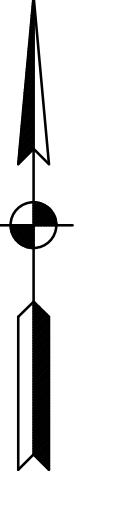
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FOR CONTINUATION SEE DWG C17

**PLAN VIEWS**

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

**GENERAL NOTES:**

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RYAN M. LAREAU  
 REGISTERED  
 No. 11800145  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER

Signature: *[Signature]* Date: 03/25/26

CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA

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Designed By: RML	Drawn By: KJG	Checked By: AMR
Issue Date: 03/25/26	Project No: W25138	Scale: AS SHOWN

PLAN VIEWS

Drawing No:  
**C16**  
 Sheet: 20 OF 43



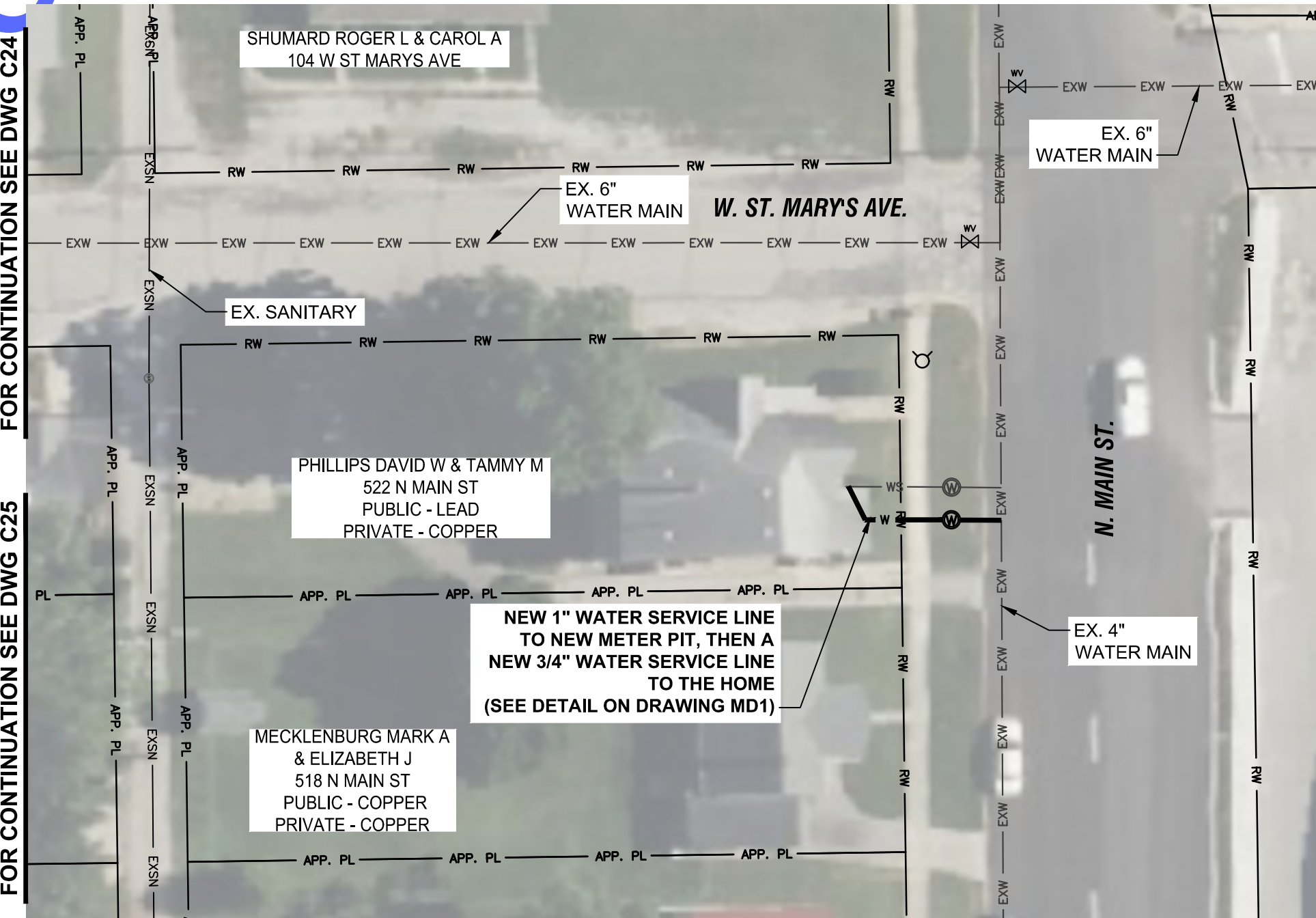
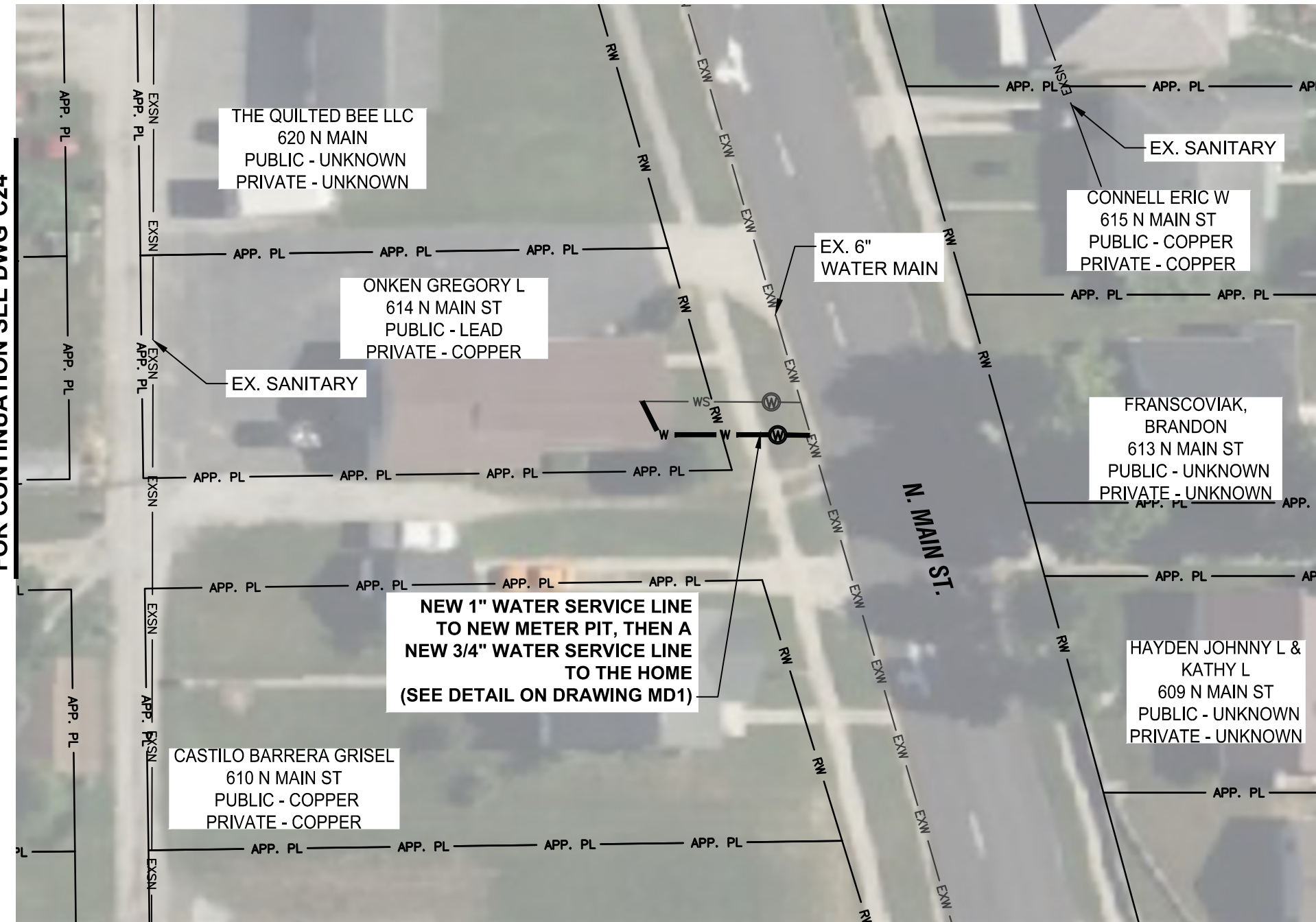
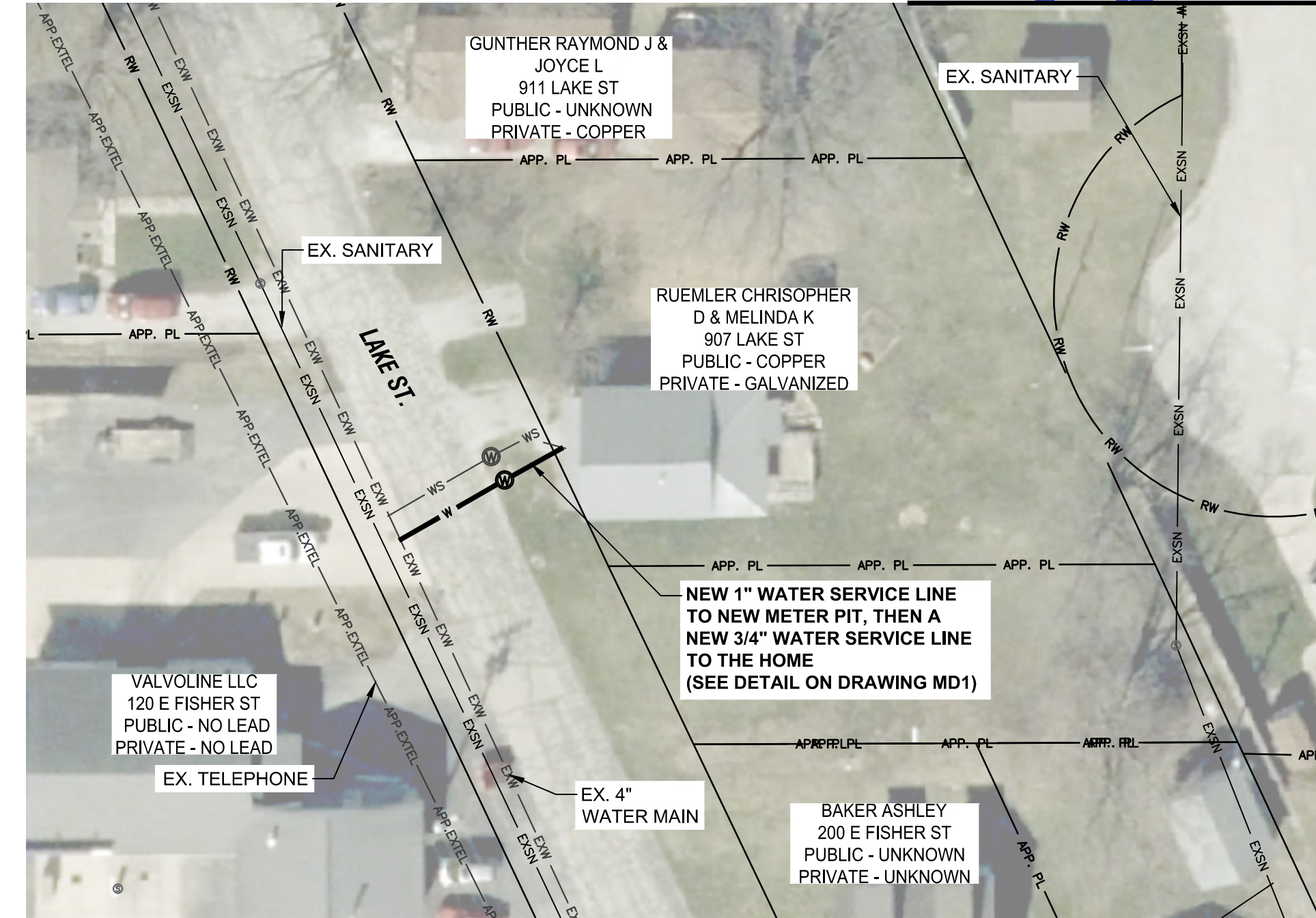
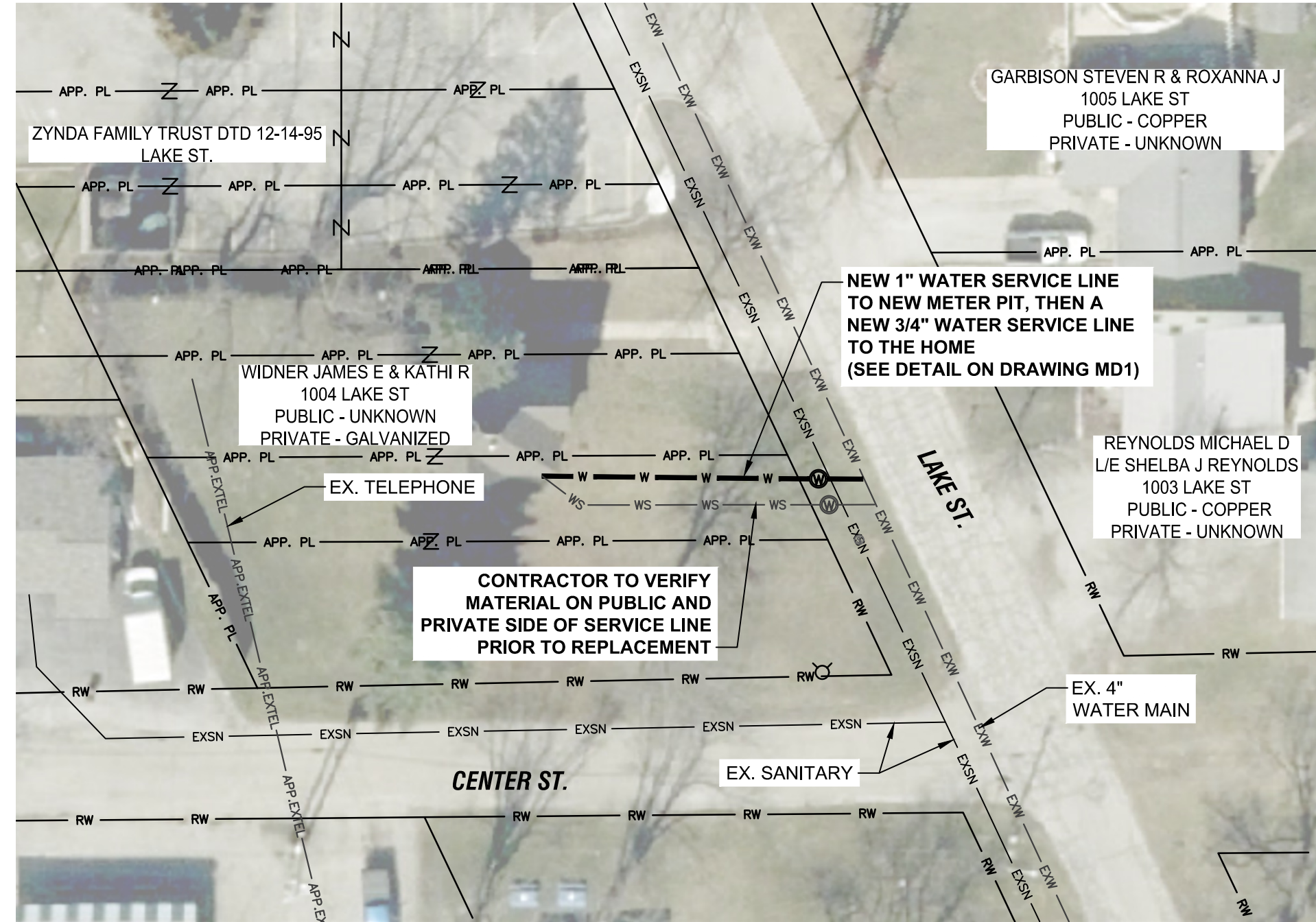








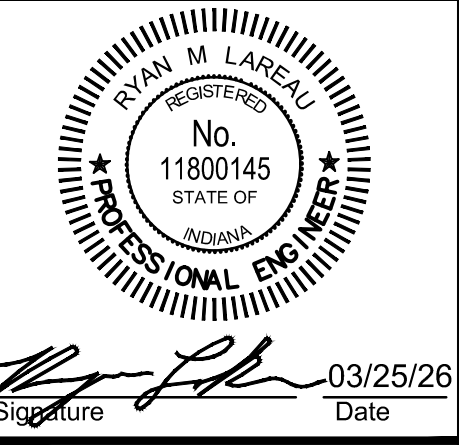
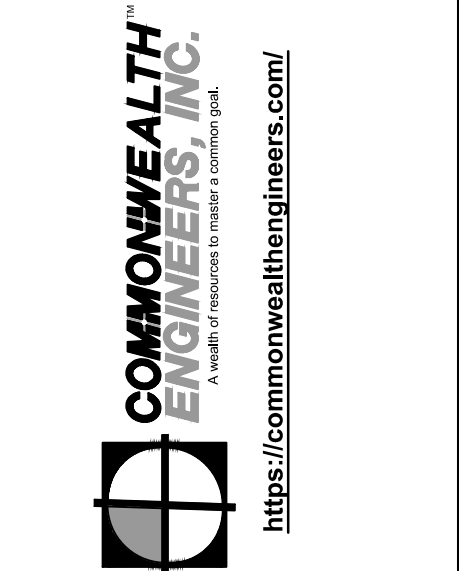




**PLAN VIEWS**  
SCALE: 1"=30'-0"  
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CITY OF MONTICELLO  
WHITE COUNTY, INDIANA  
LEAD SERVICE LINE REPLACEMENTS



No.	Submitted / Revision	Date

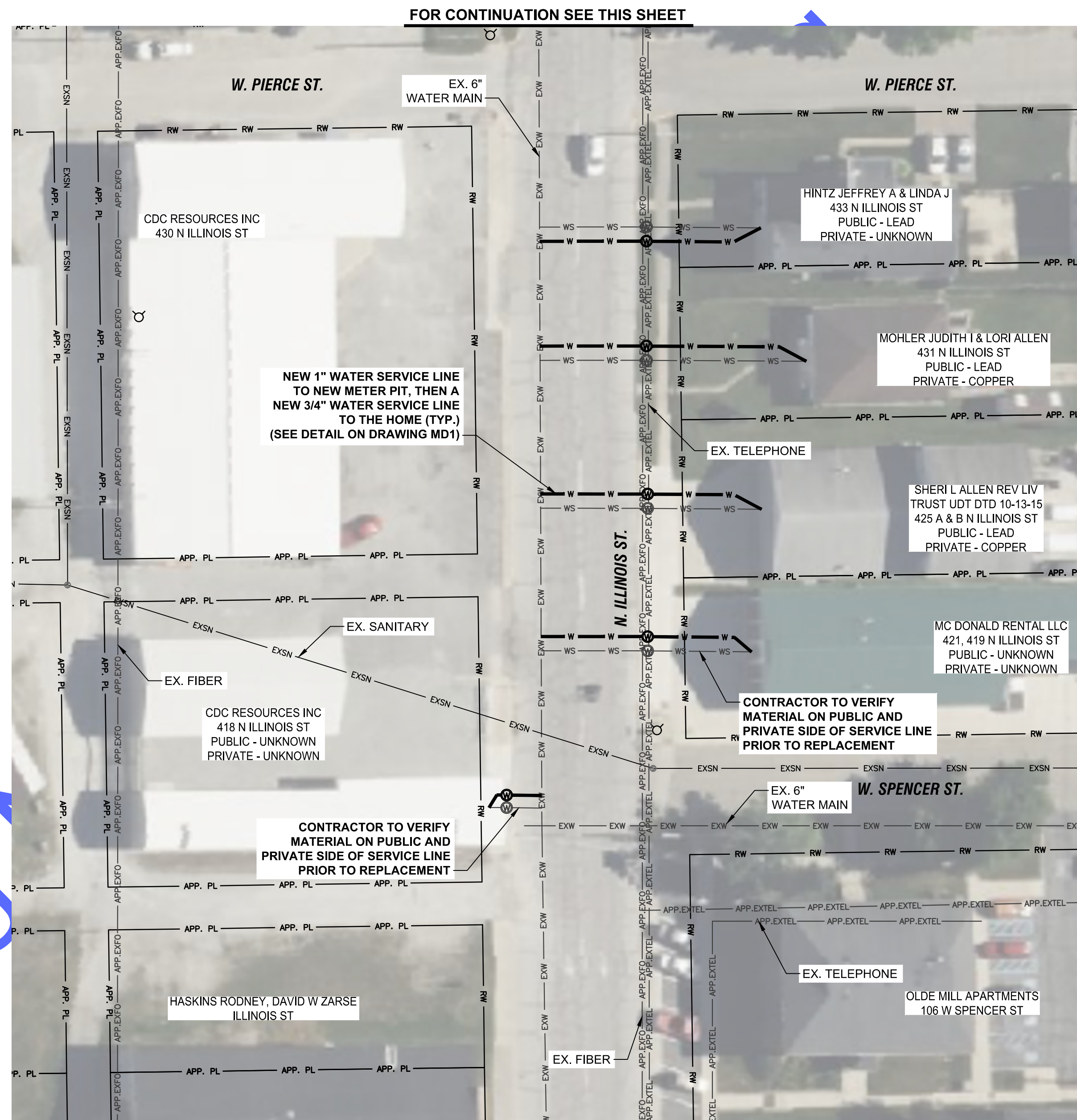
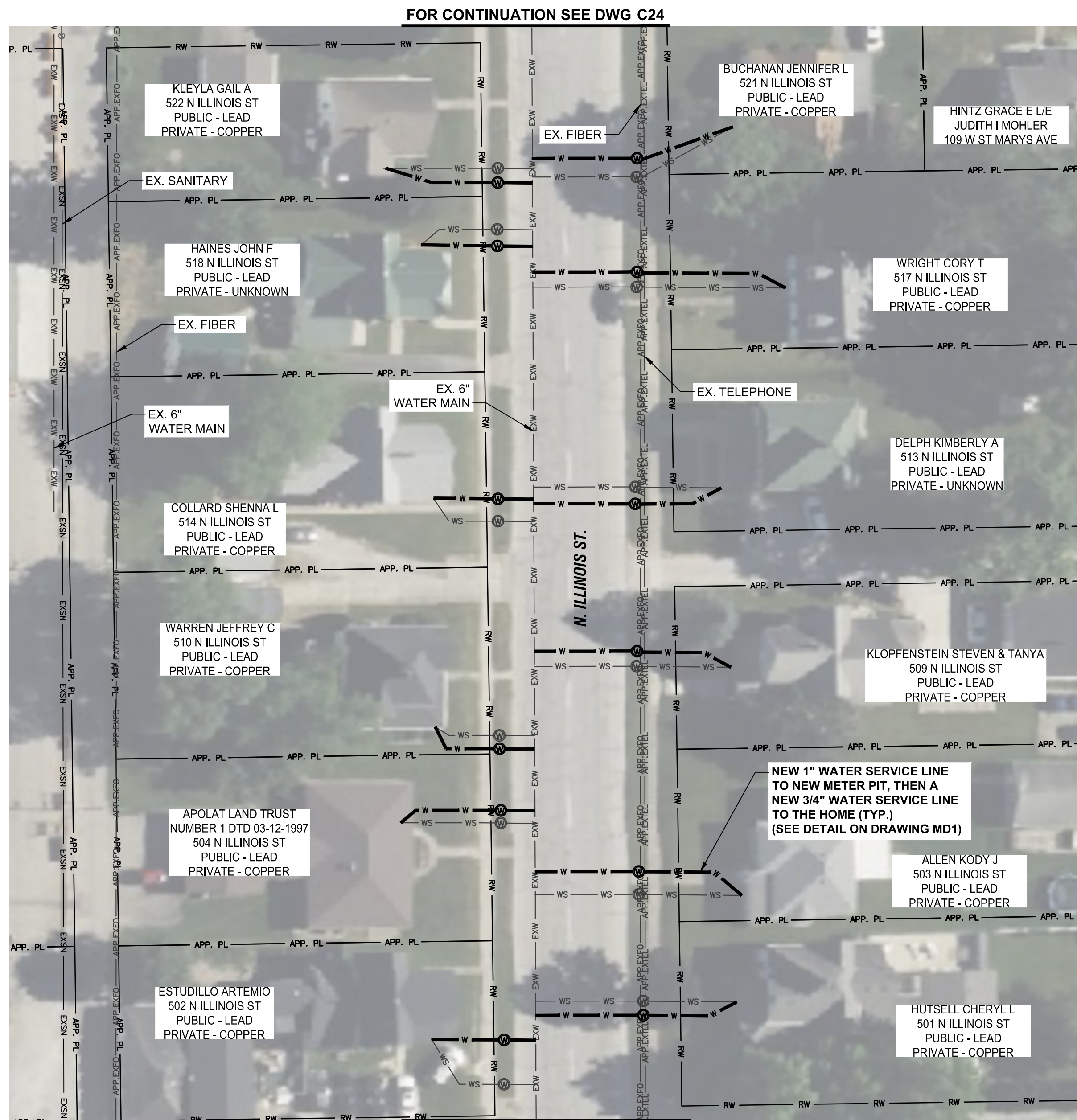
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RML	KJG	AMR
Issue Date:	Project No:	Scale:
03/25/26	W25138	AS SHOWN

PLAN VIEWS

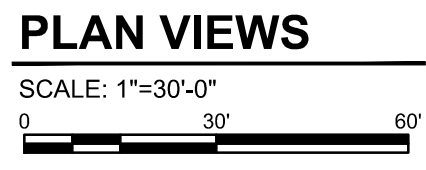
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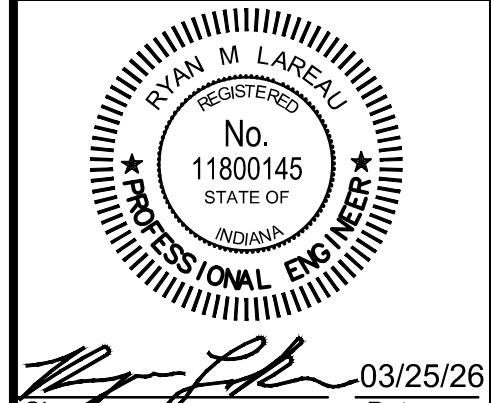
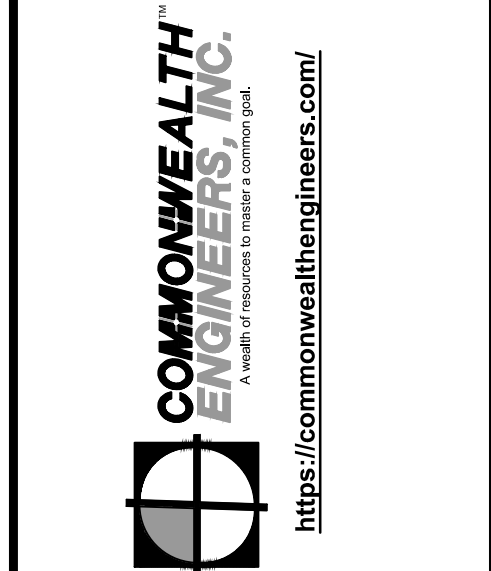
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For Public Viewing



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Signature: *Ryan M. Lareau* Date: 03/25/26

CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA

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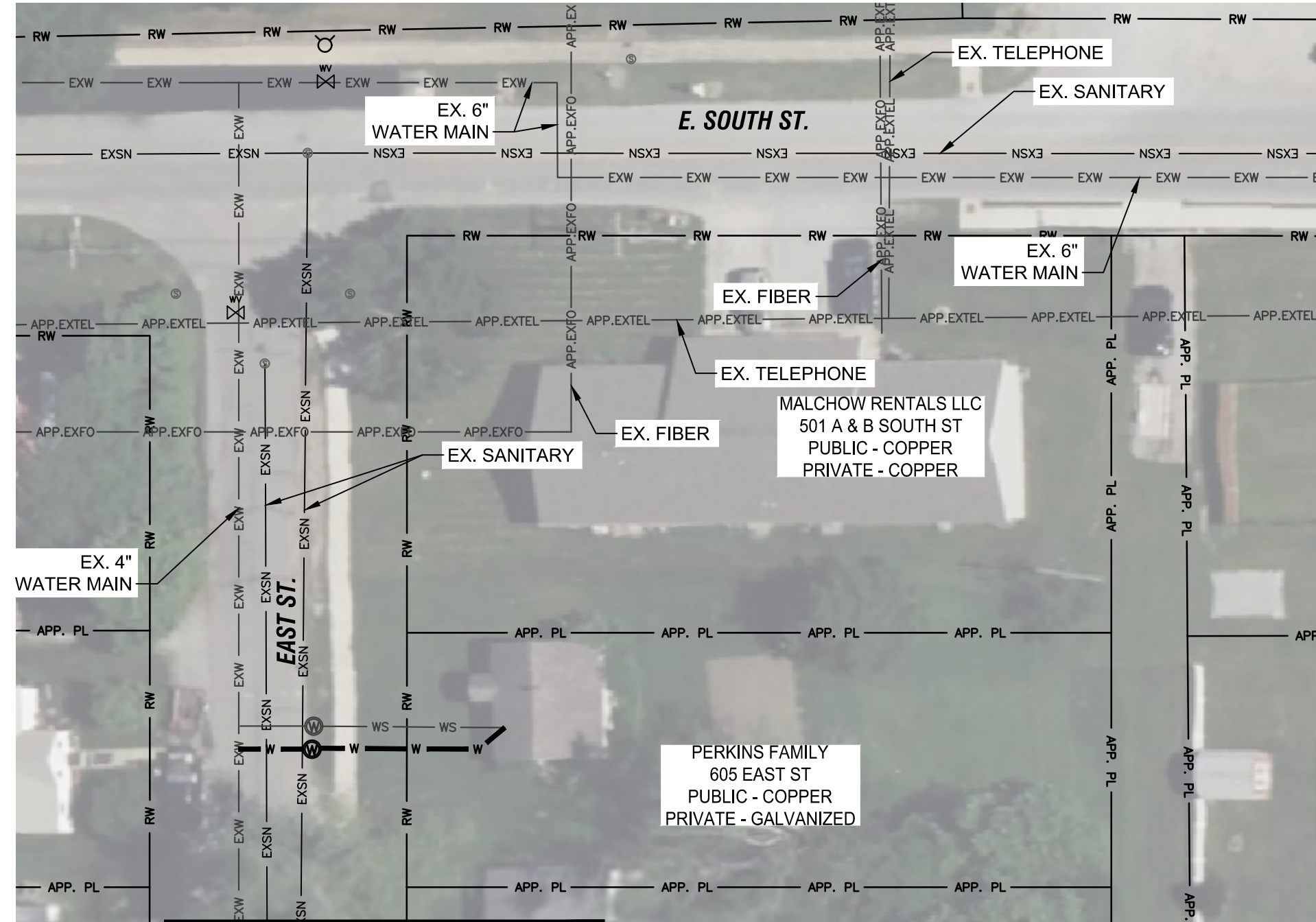
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PLAN VIEWS

Drawing No:  
**C25**

Sheet: 29 OF 43

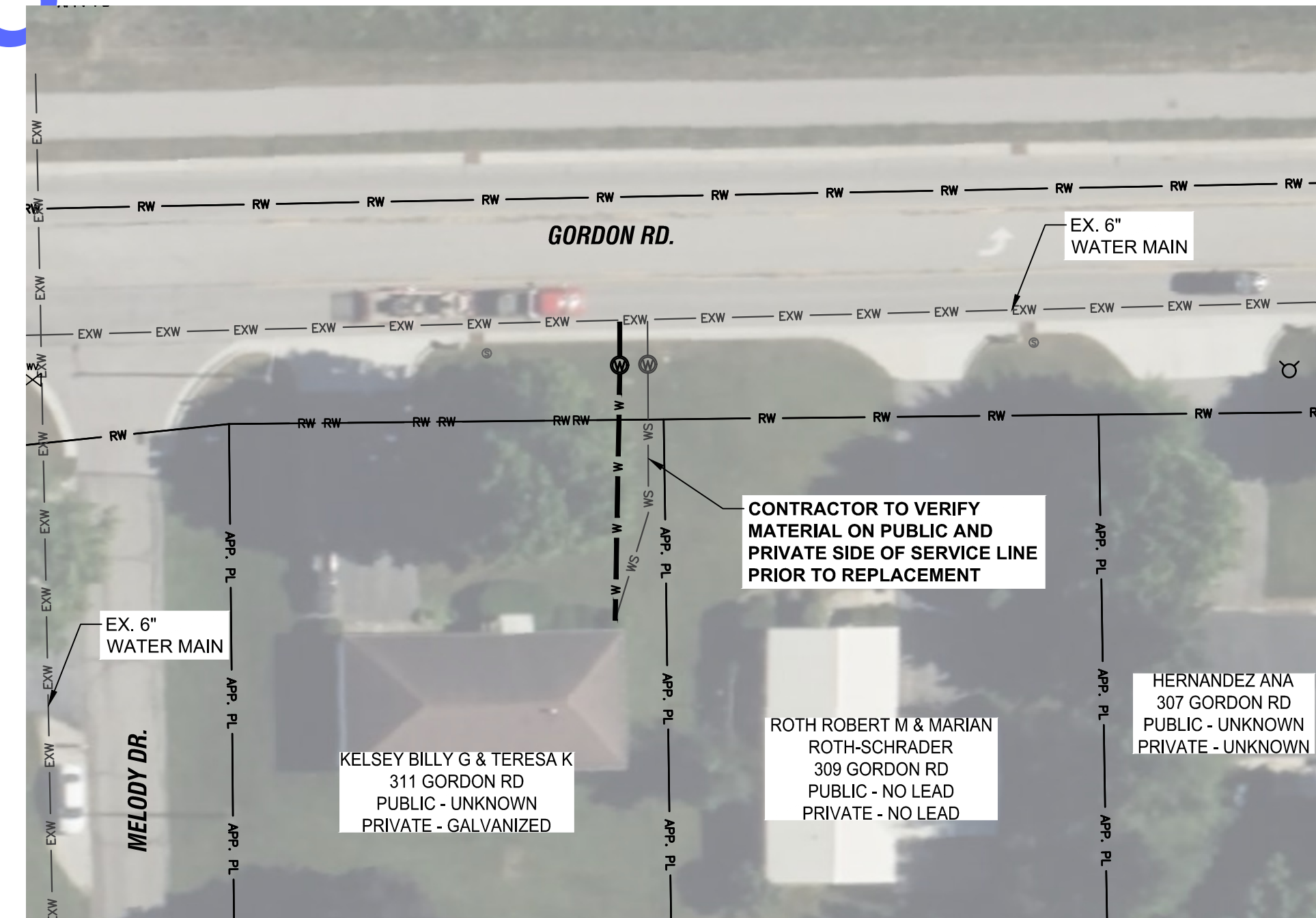




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FOR CONTINUATION SEE DWG C20



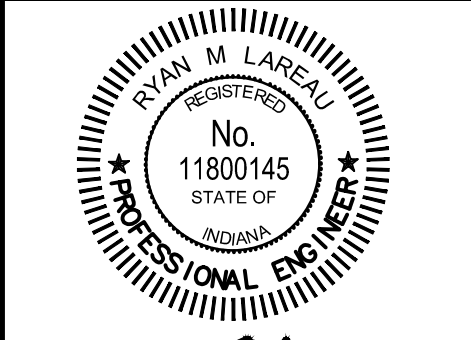
**PLAN VIEWS**

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Signature: *[Signature]* Date: 03/25/26

CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA  
 LEAD SERVICE LINE REPLACEMENTS

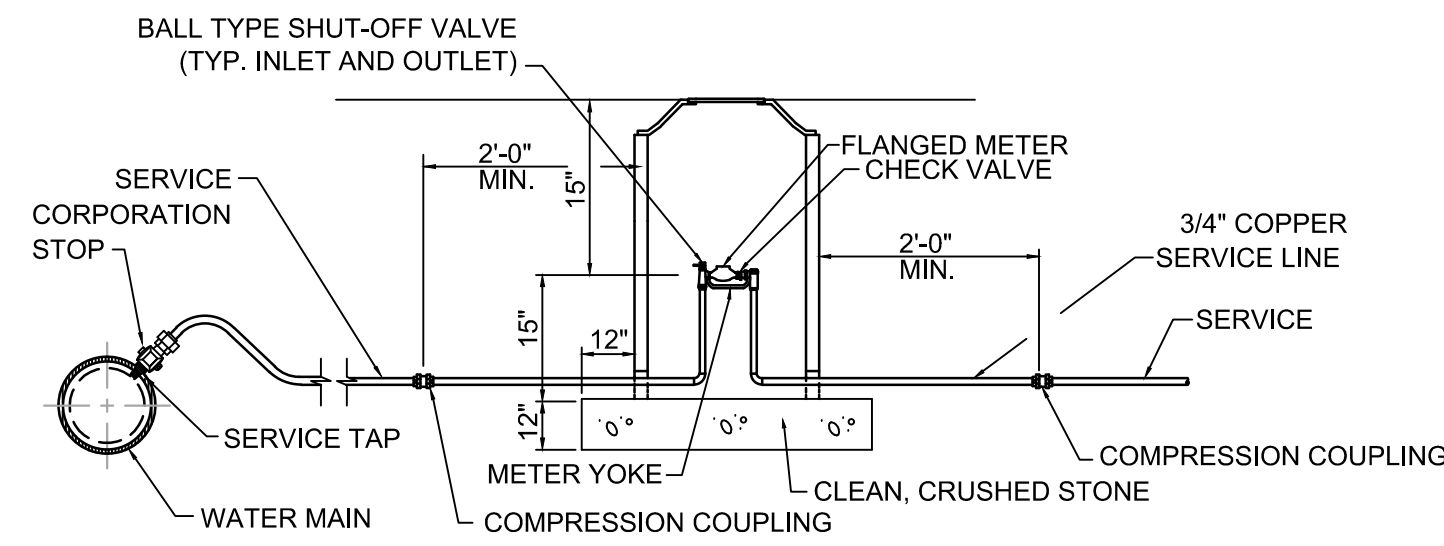
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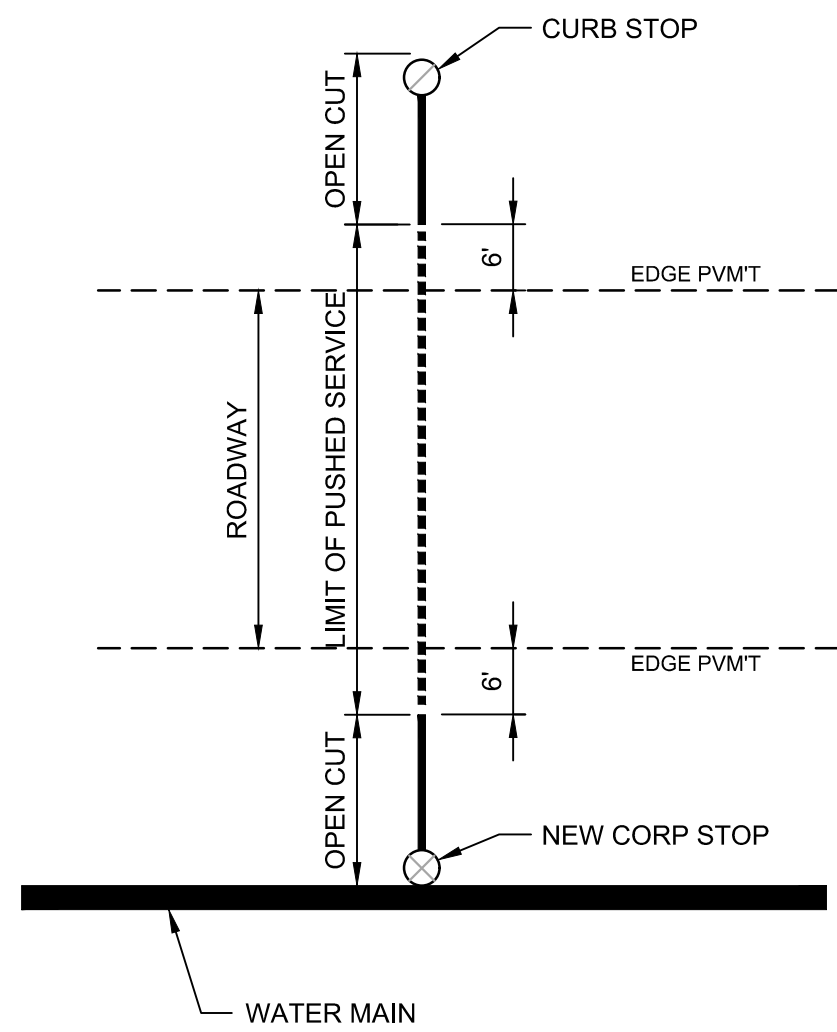
Designed By: RML Drawn By: KJG Checked By: AMR  
 Issue Date: 03/25/26 Project No: W25138 Scale: AS SHOWN

PLAN VIEWS

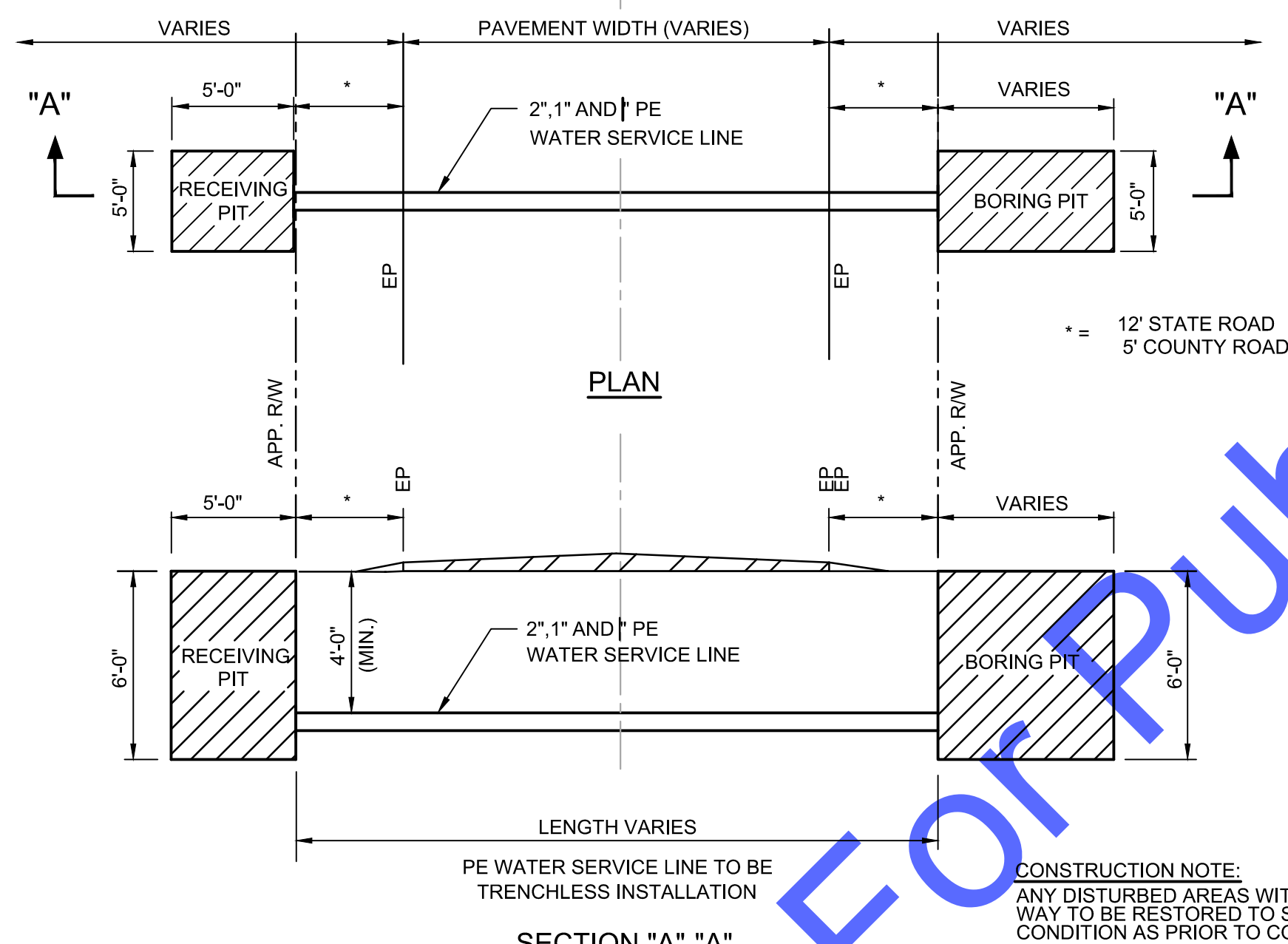
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 Sheet: 31 OF 43



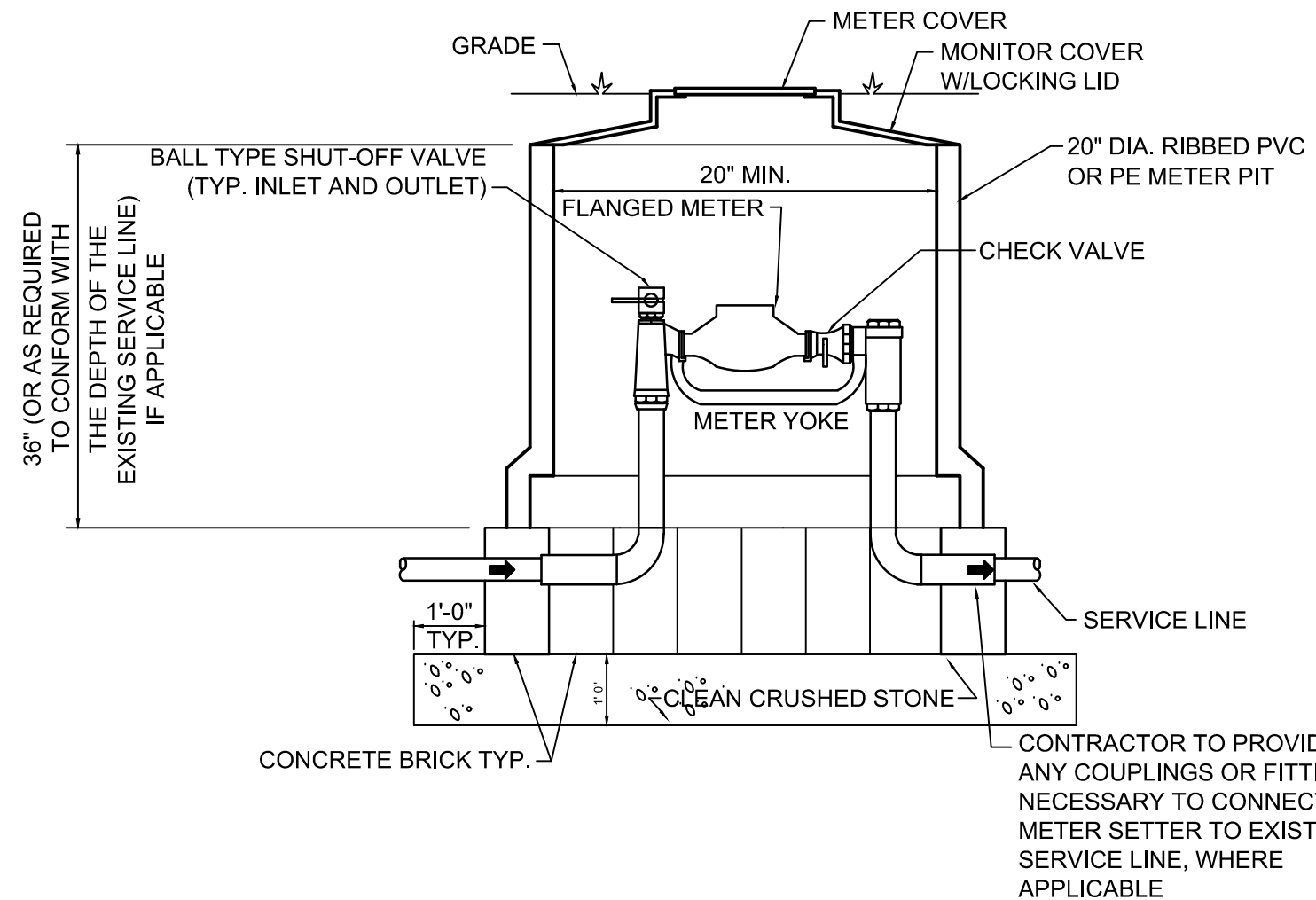
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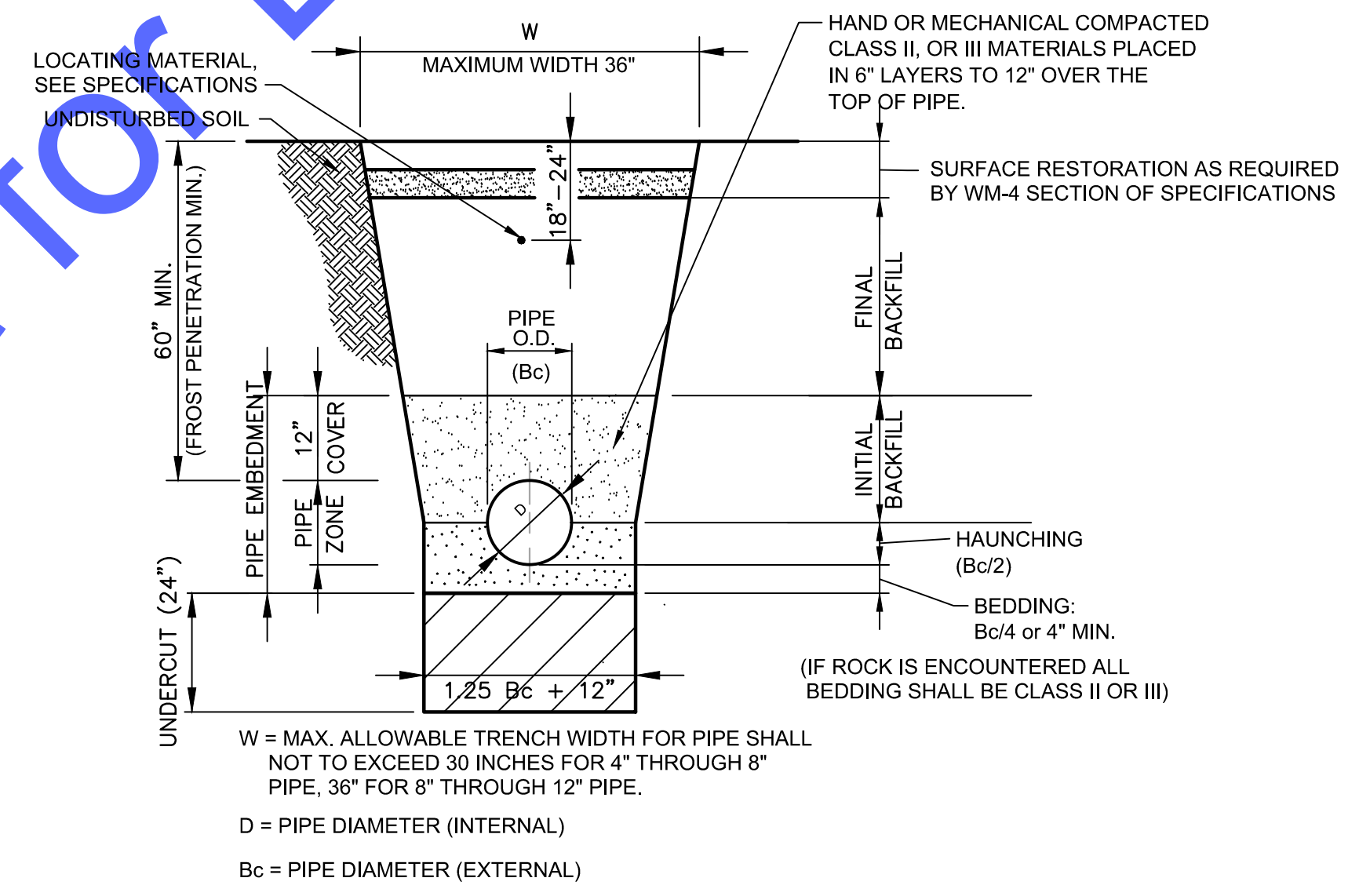
**NEW WATER SERVICE PUSH DETAIL**  
NOT TO SCALE



**PUSH/PULL DETAIL**  
NOT TO SCALE



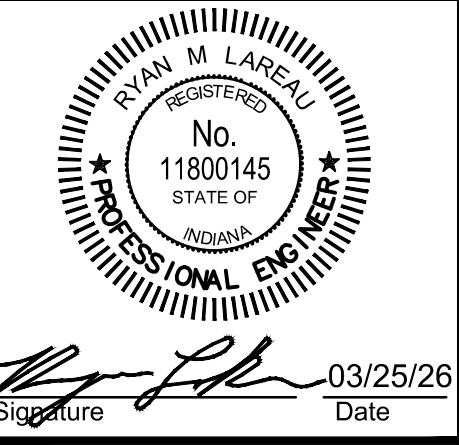
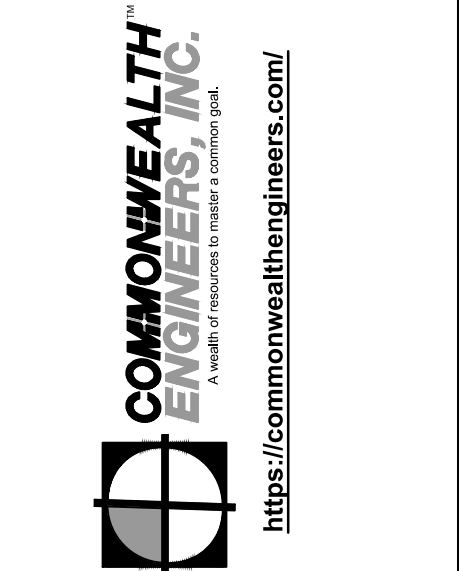
**METER INSTALLATION 3/4\"/>**



APPLICATION	BEDDING & HAUNCHING	FINAL BACKFILL
GRASSY AREA OR NEW PAVED AREAS	INITIAL BACKFILL CLASS I, OR II MATERIAL (REFER TO WORKMANSHIP & MATERIALS SPECIFICATIONS)	COMPACTED GRANULAR MATERIAL
PAVEMENT AREA OR ANY AREA SUBJECT TO VEHICULAR TRAFFIC	CLASS I OR II MATERIAL (REFER TO SPECIFICATIONS) NO CRUSHED LIMESTONE	COMPACTED GRANULAR MATERIAL

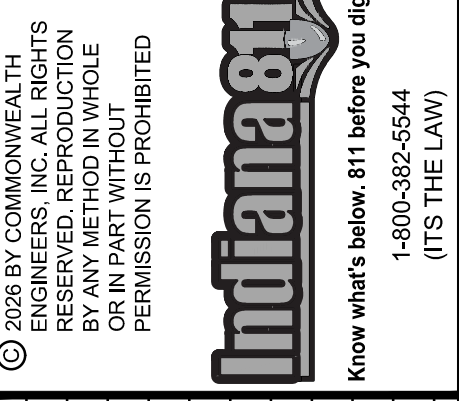
- NOTES:**
- INITIAL BACKFILL STOPS AT A POINT 12" ABOVE THE TOP OF THE PIPE. BACKFILLING ABOVE THIS POINT SHALL BE IN ACCORDING WITH THE SPECIFICATIONS AND AS REQUIRED BY HEREIN.
  - BEDDING, HAUNCHING AND INITIAL BACKFILL SHALL BE CLASS I, II, OR III MATERIALS ACCORDING TO THE WORKMANSHIP AND MATERIALS SPECIFICATIONS.
  - WORK FALLING UNDER THE JURISDICTION OF THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) SHALL UTILIZE COMPACTED GRANULAR BACKFILL MATERIAL FOR INITIAL AND FINAL BACKFILL ANYWHERE WITHIN 12 FEET OF THE EDGE OF PAVEMENT.
  - WORK NOT FALLING UNDER THE JURISDICTION OF IN. DEPT. OF TRANSPORTATION SHALL UTILIZE COMPACTED GRANULAR BACKFILL MATERIAL FOR INITIAL AND FINAL BACKFILL ANYWHERE WITHIN 5 FEET OF THE EDGE OF PAVEMENT.
  - REGARDLESS OF THE CLASSIFICATION OF EXISTING SOILS, THEY WILL NOT BE PERMITTED TO BE USED FOR BEDDING, HAUNCHING, OR BACKFILL.
  - NO OPEN-GRADED MATERIAL SUCH AS No. 8 OR No. 9 SHALL BE USED AS BACKFILL.
  - UNDERCUT (24") NOT REQUIRED FOR WATER SERVICE TRENCH.
  - WATER SERVICE BEDDING AND INITIAL BACKFILL TO BE CLEAN SAND ONLY.

**TRENCH DETAIL**  
NO SCALE



Signature: *[Signature]* Date: 03/25/26

CITY OF MONTICELLO  
WHITE COUNTY, INDIANA  
LEAD SERVICE LINE REPLACEMENTS



Date	By	Submitted / Revision

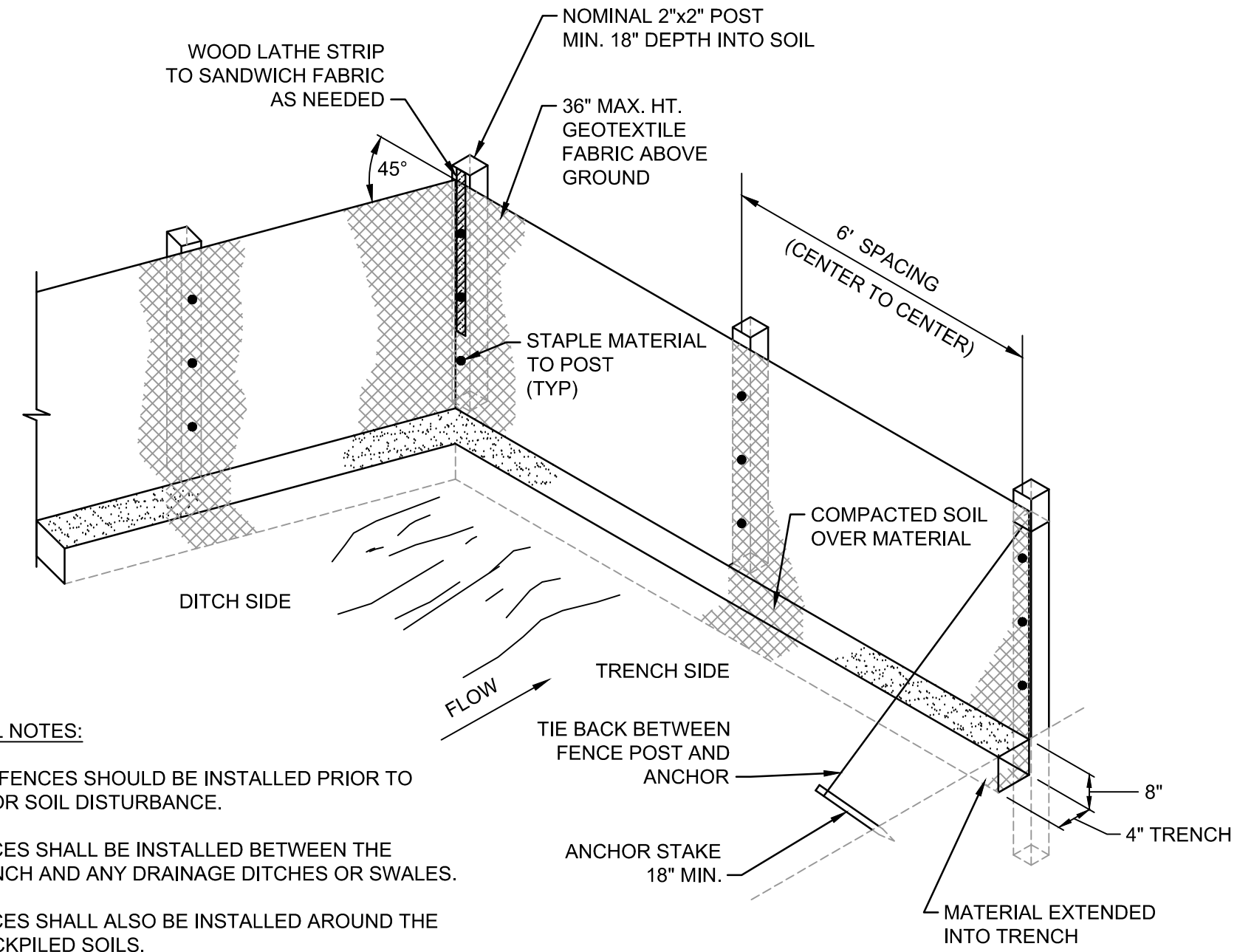
Designed By: RML	Drawn By: KJG	Checked By: AMR
Issue Date: 03/25/26	Project No: W25138	Scale: AS SHOWN

MISCELLANEOUS DETAILS



**GENERAL NOTES:**

- SILT FENCES SHOULD BE INSTALLED PRIOR TO MAJOR SOIL DISTURBANCE.
- FENCES SHALL BE INSTALLED BETWEEN THE TRENCH AND ANY DRAINAGE DITCHES OR SWALES.
- FENCES SHALL ALSO BE INSTALLED AROUND THE STOCKPILED SOILS.
- THE GEOTEXTILE SHALL BE FREE FROM DEFECTS, TEARS, PUNCTURES, FLAWS, DETERIORATION OR DAMAGE INCURRED DURING MANUFACTURE, TRANSPORTATION, STORAGE, OR INSTALLATION.
- TIE BACKS SHALL BE PLACED AS REQUIRED.



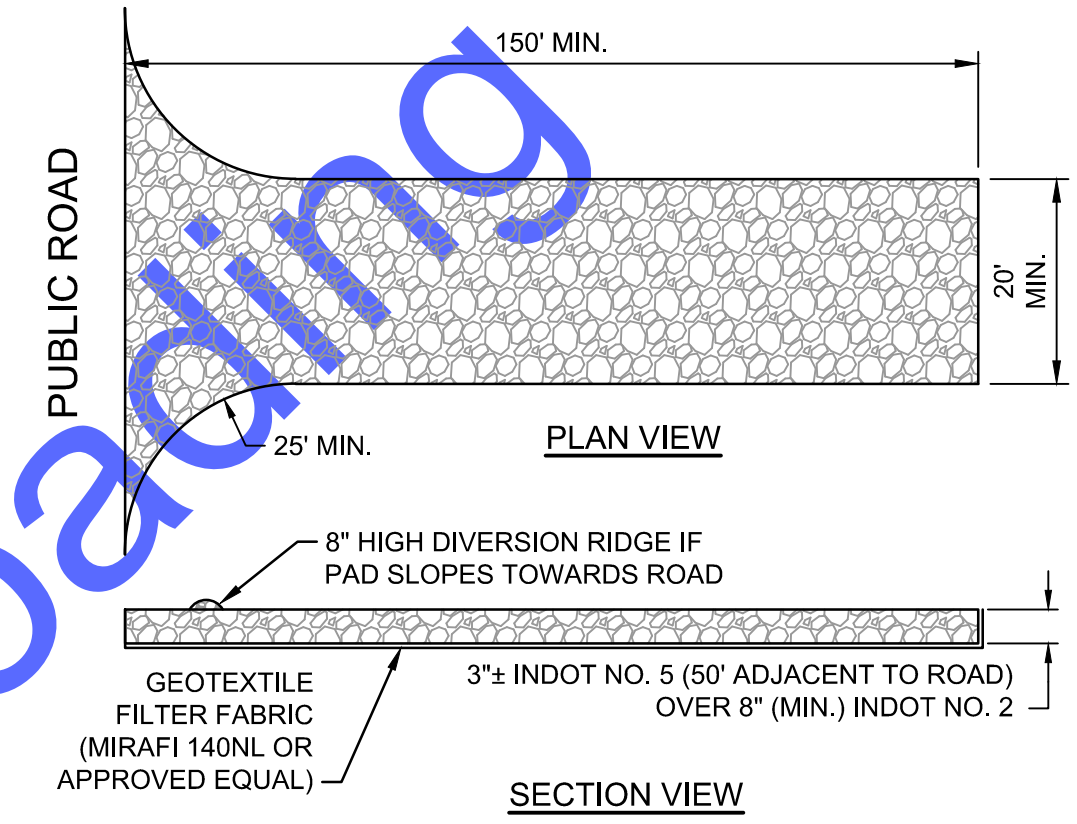
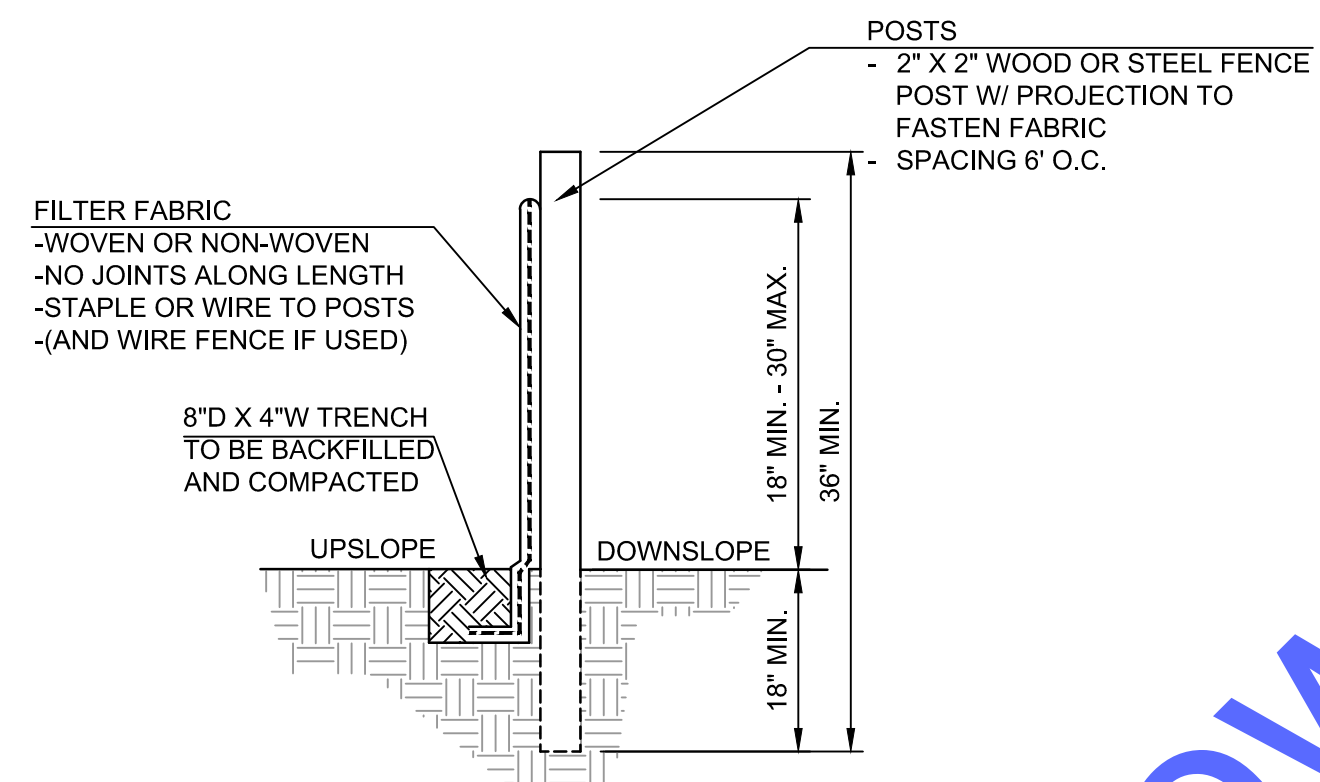
**SILT FENCE DETAIL**  
NOT TO SCALE

**INSTALLATION:**

- THE BOTTOM 1' OF THE FENCE SHALL BE BURIED IN THE TRENCH ON THE UPSLOPE SIDE.
- FENCE SHALL BE INSTALLED ALONG LEVEL GRADES, NOT ACROSS FLOW CHANNELS.
- IF OPTIONAL SUPPORT WIRE FENCE IS USED, POST SPACING MAY BE EXTENDED TO 8' O.C.

**MAINTENANCE:**

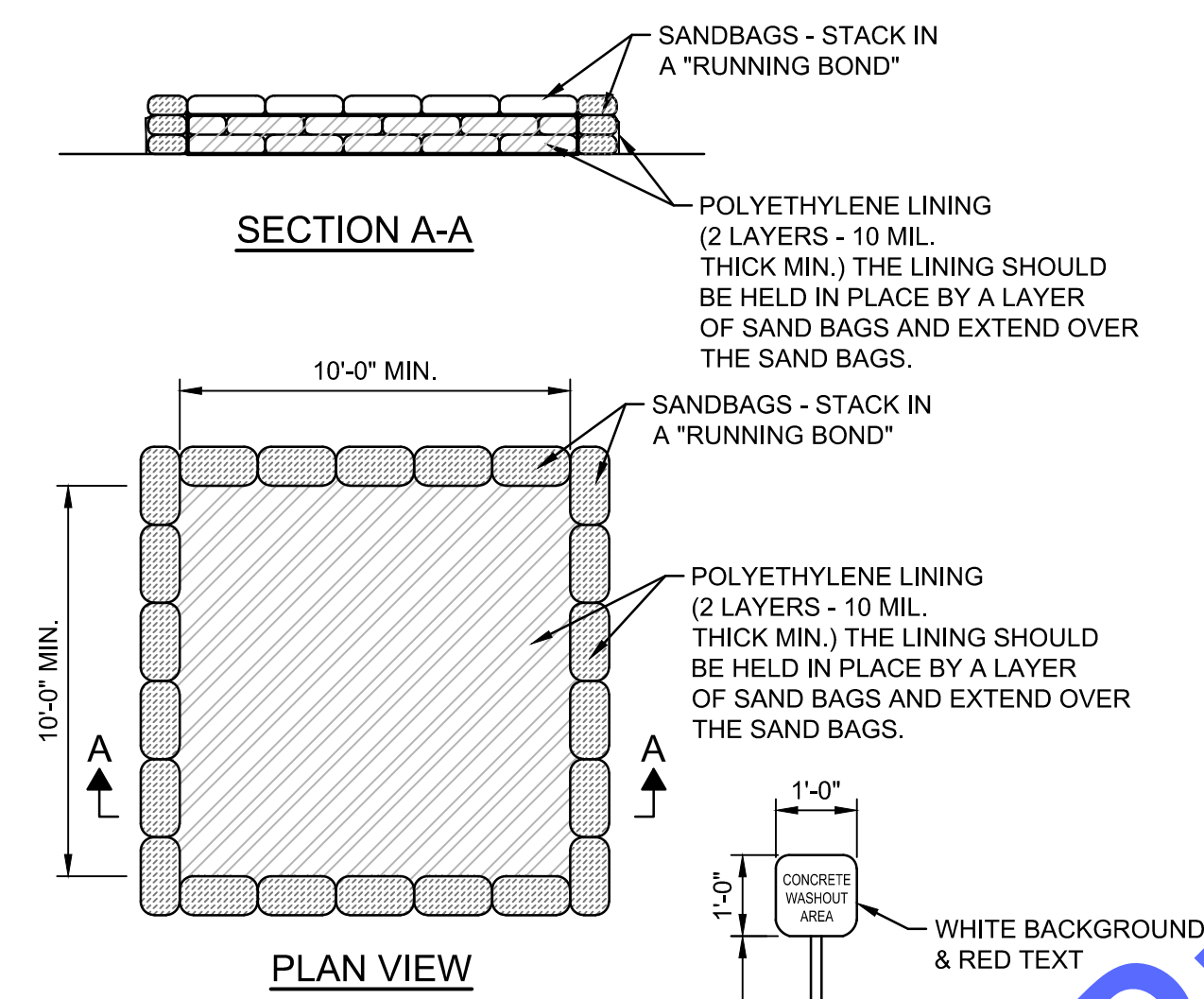
- INSPECT SILT FENCE PERIODICALLY (WEEKLY) AND AFTER EACH STORM EVENT.
- IF FABRIC IS TORN OR DAMAGED OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED PORTION IMMEDIATELY.
- REMOVE DEPOSITED SEDIMENT WHEN IT REACHES HALF THE HEIGHT OF THE FENCE, OR IT IS CAUSING THE FABRIC TO BULGE.
- TAKE CARE NOT TO UNDERMINE THE FENCE DURING SEDIMENT REMOVAL.
- AFTER THE CONTRIBUTING AREA HAS BEEN STABILIZED, REMOVE THE FENCE AND REMAINING SEDIMENT, BRING THE DISTURBED AREA TO GRADE, AND STABILIZE.



**MAINTENANCE:**

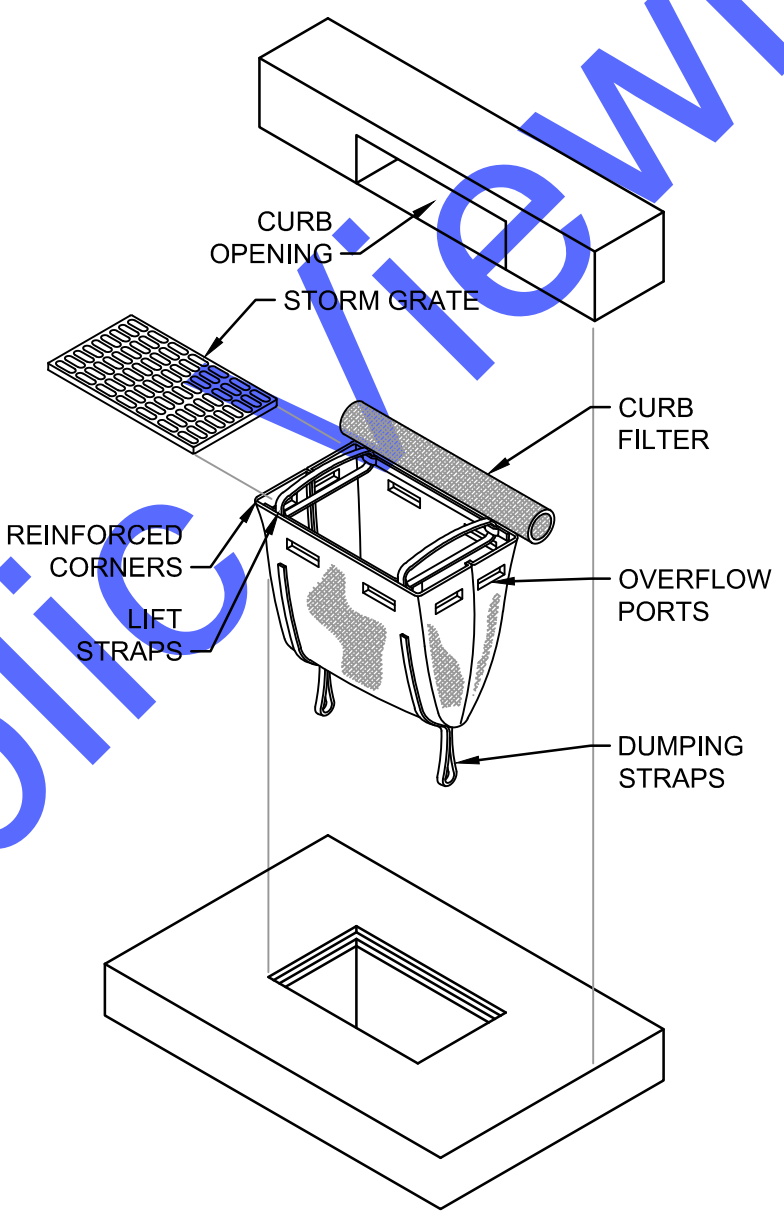
- INSPECT DAILY, AND AFTER EACH STORM EVENT OR HEAVY USE.
- RESHAPE AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
- TOPDRESS WITH CLEAN STONE AS REQUIRED. MAINTAIN MINIMUM DEPTH THROUGHOUT CONSTRUCTION.
- IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY SWEEPING OR BRUSHING. (DO NOT FLUSH AREA WITH WATER UNLESS WATER IS CONVEYED TO SEDIMENT TRAP.)
- REPAIR ANY BROKEN PAVEMENT IMMEDIATELY.

**STABILIZED CONSTRUCTION**  
**ENTRANCE DETAIL**  
NO SCALE

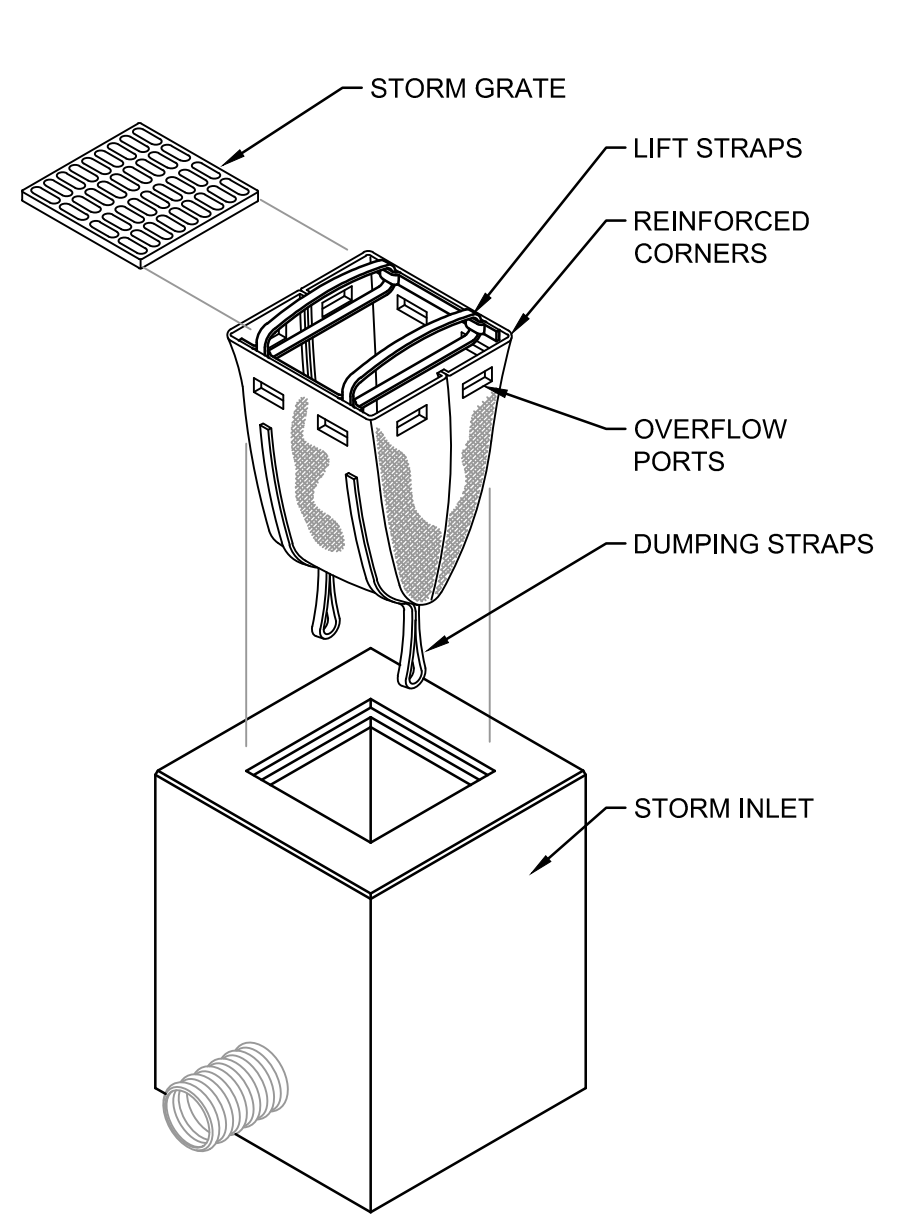


**CONCRETE WASHOUT DETAIL**  
NO SCALE

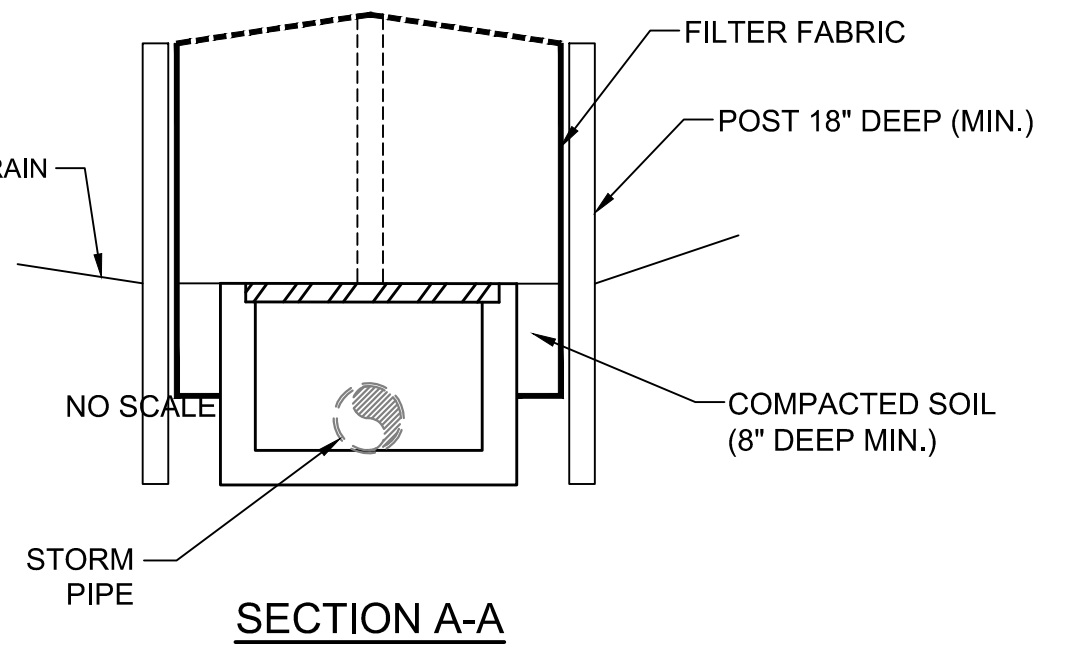
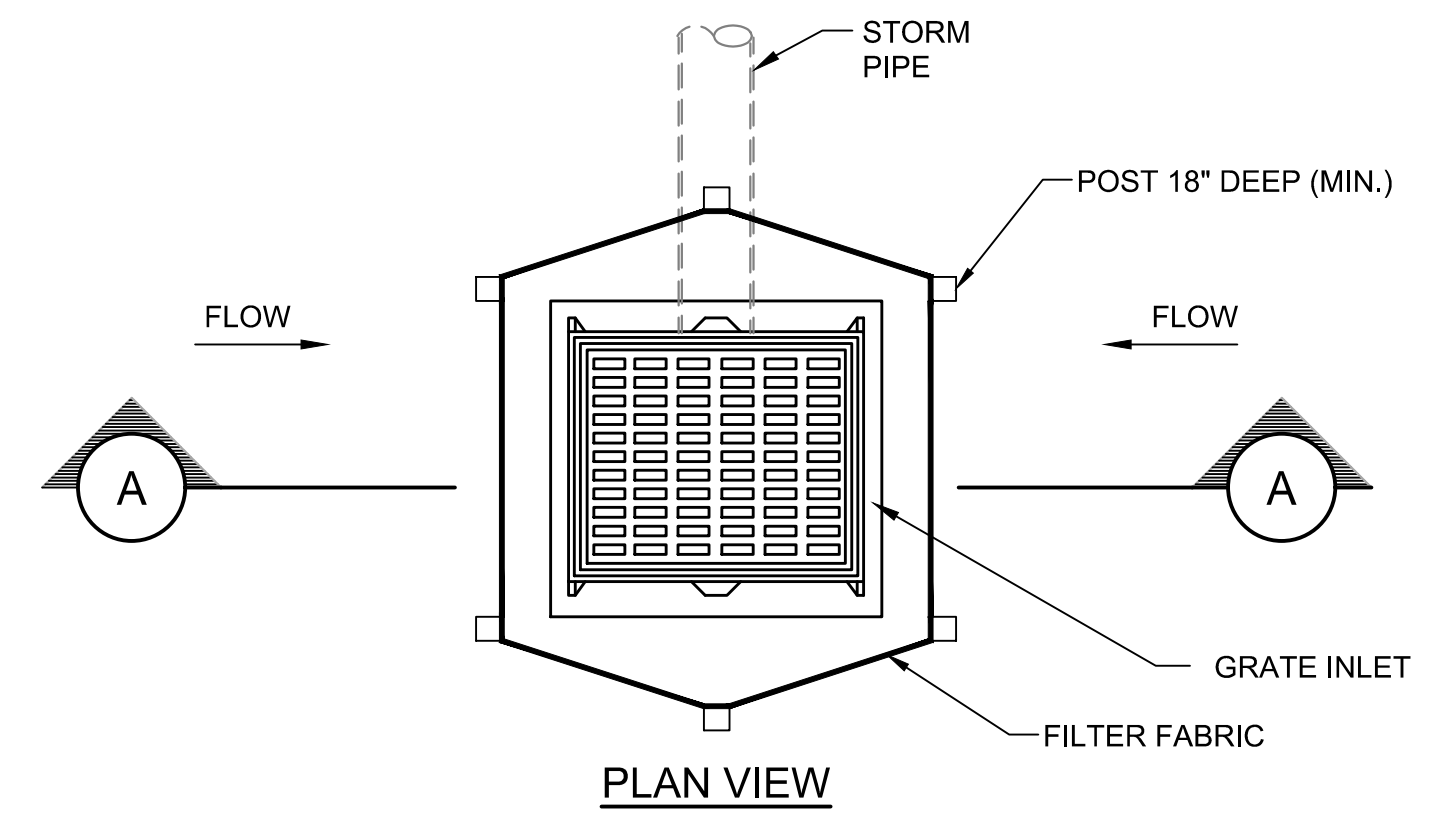
**NOTE:**  
DUE TO SITE CONSTRAINTS THE MINIMUM INTERIOR DIMENSION MAY BE ADJUSTED TO FIT THE SITE. THE STRUCTURE'S INTERIOR FOOTAGE OF 100 S.F. MUST BE MAINTAINED AND THE CONTRACTOR SHALL SUBMIT ANY DESIGN ALTERATIONS TO THE ENGINEER. CONCRETE WASHOUT STRUCTURE SHALL BE RE-LOCATED CLOSE TO AREAS RECEIVING CONCRETE, AS CONSTRUCTION PROGRESSES.



**INSERT (BASKET) CURB INLET**  
**PROTECTION DETAIL**  
NO SCALE



**INSERT (BASKET) INLET**  
**PROTECTION DETAIL**  
NO SCALE



**STORM INLET WITH SILT**  
**FENCE EROSION DETAIL**

Date	
By	
Submitted / Revision	
No.	

Designed By:	Drawn By:	Checked By:
RML	KJG	AMR
Issue Date:	Project No:	Scale:
03/25/26	W25138	AS SHOWN

**MISCELLANEOUS**  
**DETAILS**

FILE: Z:\SHARED\IN CLIENTS\24\MONTICELLO\105108\_1603\_03\LEAD SERVICE LINE REPLACEMENTS\GDA\CURRENT FILES\DRAWINGS\616\MISC DETAILS.DWG  
 Sheet: 25/26/28 8:48:41 AM Friday, 3/25/26 10:50:50 AM. Current User: Ryan M. Lareau. User: Ryan M. Lareau.





SECTION A: CONSTRUCTION PLAN - GENERAL PLAN COMPONENTS

A1 INDEX OF THE LOCATION OF REQUIRED PLAN ELEMENTS IN THE CONSTRUCTION PLAN:

THIS DOCUMENT REPRESENTS THE PLAN INDEX. THE CONTENT IS ORGANIZED AROUND THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT CONSTRUCTION STORMWATER GENERAL PERMIT CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN DEVELOPMENT GUIDANCE. DETAILS ARE SPECIFIC TO THE CITY OF MONTICELLO LEAD SERVICE LINE REPLACEMENT PROJECT.

A2 A VICINITY MAP DEPICTING THE PROJECT SITE LOCATION IN RELATIONSHIP TO RECOGNIZABLE LOCAL LANDMARKS, TOWNS, AND MAJOR ROADS:

THIS INFORMATION HAS BEEN INCLUDED AND IS SHOWN IN THE PLANS. A USGS SITE MAP ILLUSTRATING THE APPROXIMATE EXTENT OF THE PROJECT IS ALSO SHOWN IN THE PLANS. ALL CONSTRUCTION WILL TAKE PLACE IN EXISTING RIGHTS-OF-WAY, PERMANENT EASEMENTS OR TEMPORARY EASEMENTS PROCURED IN ADVANCE BY THE CITY.

A3 NARRATIVE OF THE NATURE AND PURPOSE OF THE PROJECT:

THE CITY OF MONTICELLO LEAD SERVICE LINE REPLACEMENT PROJECT IS INTENDED TO MAINTAIN COMPLIANCE WITH THE FINAL LEAD AND COPPER RULE AS PROMULGATED BY THE EPA AND ENFORCED BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT. THIS PROJECT IS PROPOSED TO FULLY REPLACE LEAD OR GRR WATER SERVICE LINES INCLUSIVE OF BOTH THE PUBLIC AND PRIVATE SIDE. THE WORK WILL CONSIST OF THE DEMOLITION AND ABANDONMENT OF EXISTING LEAD OR GALVANIZED LINES AND THE FULL REPLACEMENT OF ALL ASSOCIATED APPURTENANCES TO RESTORE WATER SERVICE TO HOMEOWNERS.

THIS PROJECT INTENDS ON CONTINUING THE CITY'S PROGRESS OF REMOVING KNOWN LEAD AND GRR WATER SERVICES FROM THE EXISTING DISTRIBUTION SYSTEM. THE SELECTION OF ADDRESSES PROPOSED FOR WATER SERVICE LINE REPLACEMENT IS INFORMED BY THE CITY'S EXISTING LEAD SERVICE LINE INVENTORY (LSLI).

THE PROPOSED PROJECT IS SHOWN IN THE PLAN SHEETS. THE GENERAL LOCATION OF THE PROJECT IS SHOWN IN THE PROJECT PLANS AS WELL.

A4 LATITUDE AND LONGITUDE TO THE NEAREST FIFTEEN (15) SECONDS:

THE APPROXIMATE LATITUDE AND LONGITUDE OF THE PROJECT SITE ARE 40.743716, -86.761915. THESE COORDINATES REPRESENT THE INTERSECTION OF SOUTH MAIN STREET & WEST HARRISON STREET WHICH IS THE APPROXIMATE GEOGRAPHICAL CENTER OF THE PROJECT.

A5 LEGAL DESCRIPTION OF THE PROJECT SITE:

THE CITY OF MONTICELLO IS LOCATED IN WHITE TOWNSHIP OF JASPER COUNTY, INDIANA. THE PROJECT IS LOCATED WITHIN T27N-R3W SECTIONS 3,4,5,21,27,28,29,32,33, AND 34.

A6 11 X 17-INCH PLAT SHOWING BUILDING LOT NUMBERS/BOUNDARIES AND ROAD LAYOUT/NAMES:

ALL LOT BOUNDARIES AND ROAD NAMES ARE SHOWN ON THE PLANS. ALL CONSTRUCTION WILL TAKE PLACE IN EXISTING RIGHTS OF WAY, UTILITY EASEMENTS, LAND OWNED BY THE CITY, OR ON PRIVATE PROPERTIES WHERE THE CITY HAS OBTAINED A RIGHT OF ENTRY PERMIT. AN AERIAL SITE MAP ILLUSTRATING THE APPROXIMATE EXTENT OF THE PROJECT IS SHOWN IN THE PLANS.

A7 BOUNDARIES OF THE ONE HUNDRED (100) YEAR FLOODPLAINS, FLOODWAY FRINGES, AND FLOODWAYS:

THE FLOODPLAINS, FLOODWAY FRINGES, AND FLOODWAYS LOCATED WITHIN THE PROJECT AREA ARE SHOWN IN EXHIBIT #1. THE PROJECT AREA AS DEPICTED IN EXHIBIT #1 APPEARS TO CROSS INTO THE FEMA 100-YEAR FLOODPLAIN. HOWEVER, ALL WATER SERVICE LINE REPLACEMENTS WILL BE CONSTRUCTED OUTSIDE OF THE FLOODPLAIN IN CLOSE PROXIMITY TO THE EXISTING SERVICE LINES, METER PITS, ETC.

A8 LAND USE OF ALL ADJACENT PROPERTIES:

LAND USE AT THE PROJECT SITE AND THE SURROUNDING AREAS IS SHOWN IN EXHIBIT #2. LAND USE IN THE PROJECT SITE IS PRIMARILY LOW, MEDIUM, AND HIGH INTENSITY DEVELOPED LAND.

A9 IDENTIFICATION OF A U.S. EPA APPROVED OR ESTABLISHED TMDL:

THE PROJECT AREA IS LOCATED WITHIN THE LAKE FREEMAN/TIPPECANOE RIVER (051201061304) WATERSHED. NO BODIES WITHIN THE LAKE FREEMAN/TIPPECANOE RIVER WATERSHED HAVE AN APPROVED OR ESTABLISHED TOTAL MAXIMUM DAILY LOAD (TMDL).

A10 NAME(S) OF THE RECEIVING WATER(S):

RUNOFF FROM THE PROJECT INTO THE RIVER IS NOT ANTICIPATED; HOWEVER, PROPER MEASURES WILL BE TAKEN TO PREVENT SEDIMENT FROM ENTERING THE DITCHES AND TO PREVENT ANY CONVEYANCE OF SEDIMENT FROM ENTERING THE TIPPECANOE RIVER.

A11 IDENTIFICATION OF DISCHARGES TO A WATER ON THE CURRENT 303(D) LIST OF IMPAIRED WATERS AND THE POLLUTANT FOR WHICH IT IS IMPAIRED:

THE TIPPECANOE RIVER IS ON THE CURRENT 303(D) LIST OF IMPAIRED WATERS FOR POLYCHLORINATED BIPHENYL (PCBS).

A12 SOILS MAP OF THE PREDOMINATE SOIL TYPES:

THE SOILS MAP FOR THE PROJECT AREAS THAT INVOLVE LAND DISTURBANCE ARE SHOWN IN EXHIBIT #3. THE SOILS IN THE PROJECT AREA CONSIST MAINLY OF WHITAKER SILT LOAM (WH), RENSSELAER CLAY LOAM (RE), AND WOLCOTT CLAY LOAM (WO). THESE THREE (3) SOILS MAKE UP 11.8%, 8.5% AND 8.3% OF THE PROJECT AREA RESPECTIVELY.

CONSTRUCTION-RELATED ACTIVITIES ARE NOT EXPECTED TO HAVE ANY DETRIMENTAL OR LONG-TERM IMPACT ON THE EXISTING SOIL. SHORT TERM IMPACTS WILL RELATE ONLY TO EXCAVATION ACTIVITIES FOR THE PROPOSED IMPROVEMENTS AND WILL BE MINIMAL. THESE IMPACTS CAN BE MITIGATED USING APPROPRIATE TECHNIQUES FOR EROSION CONTROL AND SURFACE RESTORATION DURING AND AFTER CONSTRUCTION.

SEASONAL WETNESS IS LIKELY TO BE THE MAIN LIMITATION OF THE SOIL IN THE CONSTRUCTION AREA. FOR THIS PROJECT, CONSTRUCTION PROBLEMS ASSOCIATED WITH WET SOILS WILL BE BEST OVERCOME BY COMPLETING OPEN EXCAVATION WORK DURING FAVORABLE CONDITIONS AND COORDINATING WORK ACTIVITIES BASED UPON WEATHER AND SOIL CONDITIONS. UNDER SEVERE SOIL WETNESS CONDITIONS, QUICKLIME MAY BE USED TO HELP DRY WET SOILS FOR SITE ACCESS PURPOSES AND TO REDUCE DOWNTIME.

A13 IDENTIFICATION AND LOCATION OF ALL KNOWN WETLANDS, LAKES, AND WATER COURSES ON OR ADJACENT TO THE PROJECT SITE (CONSTRUCTION PLAN, EXISTING LAYOUT):

ALL WETLANDS, LAKES, AND WATER COURSES LOCATED WITHIN AND NEARBY THE PROJECT AREA HAVE BEEN IDENTIFIED AND ARE SHOWN IN EXHIBIT #4 AND #5. THE ONLY MAJOR WATERWAY IN THE AREA IS THE TIPPECANOE RIVER. STORMWATER DERIVED FLOW WILL GENERALLY DRAIN INTO THIS WATERBODY.

A14 IDENTIFICATION OF ANY OTHER STATE OR FEDERAL WATER QUALITY PERMITS OR AUTHORIZATIONS THAT ARE REQUIRED FOR CONSTRUCTION ACTIVITIES:

NO ADDITIONAL WATER QUALITY PERMITS ARE REQUIRED FOR THE PROPOSED PROJECT.

A15 IDENTIFICATION AND DELINEATION OF EXISTING VEGETATIVE COVER, INCLUDING NATURAL BUFFERS:

LAND USE IN THE PROJECT SITE IS ALMOST ENTIRELY LOW, MEDIUM, AND HIGH INTENSITY DEVELOPED LAND AS SHOWN IN EXHIBIT #2. FURTHERMORE, ALL CONSTRUCTION-RELATED DEMOLITION, EXCAVATION AND INSTALLATION OF WATER SERVICE LINES AND ASSOCIATED PROJECT APPURTENANCES WILL OCCUR ON PREVIOUSLY DISTURBED LAND THAT IS CLASSIFIED AS DEVELOPED LAND. ALL IMPROVEMENTS WILL BE CONSTRUCTED MORE THAN 50 FEET AWAY FROM THE RIPARIAN ZONE AND ALL WETLAND VEGETATION. NO NATURAL BUFFERS WILL BE IMPACTED BY THE PROPOSED PROJECT. PROPER TECHNIQUES FOR EROSION CONTROL AND SURFACE RESTORATION, INCLUDING STABILIZATION WITH APPROPRIATE VEGETATIVE COVER WILL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN DS-04 "TEMPORARY EROSION CONTROL" AND WM-24 "SEEDING AND SODDING", BOTH UNDER SEPARATE ATTACHMENT.

A16 EXISTING SITE TOPOGRAPHY AT AN INTERVAL APPROPRIATE TO SHOW DETAILED DRAINAGE PATTERNS:

A USGS TOPOGRAPHIC MAP IS SHOWN IN THE PLANS. MORE DETAILED CONTOUR LINES ARE ALSO SHOWN ON INDIVIDUAL PLAN SHEETS TO INDICATE DRAINAGE PATTERNS WITHIN THE CONSTRUCTION LIMITS.

A17 LOCATION(S) WHERE RUN-OFF ENTERS THE PROJECT SITE:

A USGS TOPOGRAPHIC MAP IS SHOWN IN THE PLANS. MORE DETAILED CONTOUR LINES ARE ALSO SHOWN ON INDIVIDUAL PLANS SHEETS TO INDICATE DRAINAGE PATTERNS WITHIN THE CONSTRUCTION LIMITS.

A18 LOCATION(S) WHERE RUN-OFF DISCHARGES FROM THE PROJECT SITE PRIOR TO LAND DISTURBANCE:

A USGS TOPOGRAPHIC MAP IS SHOWN IN THE PLANS. MORE DETAILED CONTOUR LINES ARE ALSO SHOWN ON INDIVIDUAL PLAN SHEETS TO INDICATE DRAINAGE PATTERNS WITHIN THE CONSTRUCTION LIMITS.

A19 LOCATION OF ALL EXISTING STRUCTURES ON THE PROJECT SITE:

THE LOCATION OF ALL EXISTING STRUCTURES ON THE PROJECT SITE CAN BE SEEN IN THE PLANS.

A20 EXISTING PERMANENT RETENTION OR DETENTION FACILITIES, INCLUDING MANMADE WETLANDS, DESIGNED FOR THE PURPOSE OF STORMWATER MANAGEMENT:

THERE ARE NO PERMANENT RETENTION OR DETENTION FACILITIES DESIGNED FOR THE PURPOSE OF STORMWATER MANAGEMENT LOCATED WITHIN THE PROJECT AREA.

A21 LOCATIONS WHERE STORMWATER MAY BE DIRECTLY DISCHARGED INTO GROUND WATER, SUCH AS ABANDONED WELLS, SINKHOLES, OR KARST FEATURES:

THERE ARE NO ABANDONED WELLS, SINKHOLES, OR KARST FEATURES LOCATED WITHIN THE PROJECT AREA.

A22 SIZE OF THE PROJECT AREA EXPRESSED IN ACRES:

THE TOTAL PROJECT AREA IS APPROXIMATELY 0.93 ACRES.

A23 TOTAL EXPECTED LAND DISTURBANCE EXPRESSED IN ACRES:

THE TOTAL EXPECTED LAND DISTURBANCE FOR THE PROJECT IS APPROXIMATELY 0.93 ACRES.

A24 PROPOSED FINAL TOPOGRAPHY:

THE INDIVIDUAL PLAN SHEETS SHOW PROPOSED SITE TOPOGRAPHY AND DRAINAGE PATTERNS.

A25 LOCATIONS AND APPROXIMATE BOUNDARIES OF ALL DISTURBED AREAS:

SHEET MD1 OF THE PLANS SHOWS THE TYPICAL CONSTRUCTION EXTENTS FOR WATER SERVICE REPLACEMENTS. WE EXPECT CONSTRUCTION ACTIVITIES TO BE EXECUTED IN ACCORDANCE WITH THIS AND AS SHOWN THROUGHOUT THE PLANS.

A26 LOCATIONS, SIZE AND DIMENSIONS OF ALL STORMWATER DRAINAGE SYSTEMS SUCH AS CULVERTS, STORMWATER SEWER, AND CONVEYANCE CHANNEL:

THE EXISTING AND PROPOSED STORMWATER DRAINAGE SYSTEMS ARE SHOWN ON THE PLANS. ALL EXISTING STORMWATER SYSTEMS WILL BE PROTECTED AND MAINTAINED DURING CONSTRUCTION. IF DURING CONSTRUCTION ANY DAMAGE IS DONE TO AN EXISTING STORMWATER SYSTEM, DAMAGED STRUCTURES WILL BE EITHER REPAIRED OR REPLACED TO EQUAL OR BETTER CONDITION THAN EXISTING.

A27 LOCATIONS OF SPECIFIC POINTS WHERE STORMWATER AND NON-STORMWATER DISCHARGES WILL LEAVE THE PROJECT SITE:

LOCATIONS WHERE STORMWATER AND NON-STORMWATER DISCHARGES WILL LEAVE THE PROJECT SITE CAN BE SEEN ON THE PLANS.

A28 LOCATION OF ALL PROPOSED SITE IMPROVEMENTS, INCLUDING ROADS, UTILITIES, LOT DELINEATION AND IDENTIFICATION, PROPOSED STRUCTURES, AND COMMON AREAS:

LOCATIONS OF ALL PROPOSED SITE IMPROVEMENTS, INCLUDING PROPOSED UTILITIES, STRUCTURES, AND LOT BOUNDARIES, ARE SHOWN ON THE PLANS. NO OFF-SITE CONSTRUCTION IS EXPECTED FOR THIS PROJECT.

A29 LOCATIONS OF ALL ON-SITE AND OFF-SITE SOIL STOCKPILES AND BORROW AREAS:

WE DO NOT EXPECT STOCKPILES TO BE NECESSARY FOR THIS PROJECT SINCE EXCAVATED MATERIAL WILL BE USED AS BACKFILL.

A30 CONSTRUCTION SUPPORT ACTIVITIES THAT ARE EXPECTED TO BE PART OF THE PROJECT:

NO OUTSIDE CONSTRUCTION SUPPORT ACTIVITIES ARE ANTICIPATED FOR THIS PROJECT.

A31 LOCATION OF ANY IN-STREAM ACTIVITIES THAT ARE PLANNED FOR THE PROJECT INCLUDING, BUT NOT LIMITED TO, STREAM CROSSINGS AND PUMP AROUNDS:

NO WORK WITHIN STREAMS IS PROPOSED AS PART OF THIS PROJECT.

SECTION B: STORMWATER POLLUTION PREVENTION PLAN - CONSTRUCTION COMPONENTS

STORMWATER POLLUTION PREVENTION MEASURES SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AUTHORITY AND THE APPLICABLE MSA STORMWATER QUALITY STANDARDS.

B1 DESCRIPTION OF THE POTENTIAL POLLUTANT GENERATING SOURCES AND POLLUTANTS, INCLUDING ALL POTENTIAL NON-STORMWATER DISCHARGES:

Table with 2 columns: OPERATION and POTENTIAL POLLUTANTS. Operations include clearing, grading, excavating, soil stockpiles, dewatering, paving, vehicle fueling, etc. Pollutants include sediment, debris, oil, grease, fuel, trash, and bituminous debris.

EXCAVATION, STOCKPILING: STOCKPILE MANAGEMENT PROCEDURES AND PRACTICES WILL BE IMPLEMENTED TO MINIMIZE OR ELIMINATE THE DISCHARGE OF STOCKPILED MATERIAL (SOIL, TOPSOIL, BASE MATERIAL) FROM ENTERING DRAINAGE SYSTEMS OR SURFACE WATERS.

FOR ANY STOCKPILES OR LAND CLEARING DEBRIS COMPOSED, IN WHOLE OR IN PART, OF SEDIMENT OR SOIL, THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH THE FOLLOWING REQUIREMENTS:

- 1. LOCATE PILES WITHIN THE DESIGNATED LIMITS OF DISTURBANCE.
2. PROTECT FROM CONTACT WITH STORMWATER USING A TEMPORARY PERIMETER SEDIMENT BARRIER.
3. WHERE PRACTICABLE, PROVIDE COVER OR APPROPRIATE TEMPORARY VEGETATIVE OR STRUCTURAL STABILIZATION TO AVOID DIRECT CONTACT WITH PRECIPITATION OR TO MINIMIZE THE DISCHARGE OF SEDIMENTS.
4. NEVER HOSE DOWN OR SWEEP SOIL OR SEDIMENT ACCUMULATED ON PAVEMENT OR OTHER IMPERVIOUS SURFACES INTO ANY STORMWATER CONVEYANCE, STORM DRAIN INLET, OR SURFACE WATER.
5. TO THE MAXIMUM EXTENT PRACTICABLE, CONTAIN AND SECURELY PROTECT STOCKPILES FROM WIND.

DEWATERING: EQUIPMENT OPERATORS ARE PROHIBITED FROM DISCHARGING GROUNDWATER OR ACCUMULATED STORMWATER THAT IS REMOVED FROM EXCAVATIONS, TRENCHES, VAULTS, OR OTHER SIMILAR POINTS OF ACCUMULATION, UNLESS SUCH WATERS ARE EFFECTIVELY MANAGED BY APPROPRIATE CONTROL MEASURES.

EXAMPLES OF APPROPRIATE CONTROL MEASURES INCLUDE TEMPORARY SEDIMENT BASINS OR SEDIMENT TRAPS, SEDIMENT SOCKS, DEWATERING TANKS AND BAGS, OR FILTRATION SYSTEMS (E.G., BAG OR SAND FILTERS) THAT ARE DESIGNED TO REMOVE SEDIMENT, UNCONTAMINATED, NON-TURBID DEWATERING WATER CAN BE DISCHARGED WITHOUT BEING ROUTED TO A CONTROL.

AT A MINIMUM, THE FOLLOWING DISCHARGE REQUIREMENTS MUST BE MET FOR DEWATERING ACTIVITIES:

- 1. ALLOW NO DISCHARGE OF VISIBLE SEDIMENTS OR SOLIDS.
2. AT ALL POINTS WHERE DEWATERING WATER IS DISCHARGED, UTILIZE VELOCITY DISSIPATION DEVICES.
3. DEWATERING PRACTICES MUST INVOLVE THE IMPLEMENTATION OF APPROPRIATE CONTROL MEASURES AS APPLICABLE (I.E., CONTAINMENT AREAS FOR DEWATERING EARTH MATERIALS, PORTABLE SEDIMENT TANKS AND BAGS, PUMPING SETTLING BASINS, AND PUMP INTAKE PROTECTION).

VEHICLE FUELING: VEHICLE FUELING SHALL NOT TAKE PLACE WITHIN REGULATED DRAIN AREAS WETLANDS OR BUFFER ZONE AREAS, OR WITHIN 50 FEET OF THE STORM DRAIN SYSTEM. DESIGNATED AREAS SHALL BE DEPICTED ON THE PLANS OR SHALL BE APPROVED BY THE SITE OWNER.

VEHICLE MAINTENANCE AND WASHING SHALL OCCUR OFF-SITE, OR IN DESIGNATED AREAS DEPICTED ON THE PLANS OR APPROVED OF BY THE SITE OWNER. MAINTENANCE OR WASHING AREAS SHALL NOT BE WITHIN REGULATED WETLANDS OR BUFFER ZONE AREAS, OR WITHIN 50 FEET OF THE STORM DRAIN SYSTEM. MAINTENANCE AREAS SHALL BE CLEARLY DESIGNATED, AND BARRIERS SHALL BE USED AROUND THE PERIMETER OF THE MAINTENANCE AREA TO PREVENT STORMWATER CONTAMINATION.

CONSTRUCTION VEHICLES SHALL BE INSPECTED FREQUENTLY FOR LEAKS. REPAIRS SHALL TAKE PLACE IMMEDIATELY. DISPOSAL OF ALL USED OIL, ANTIFREEZE, SOLVENTS, AND OTHER AUTOMOTIVE-RELATED CHEMICALS SHALL BE ACCORDING TO APPLICABLE REGULATIONS; AT NO TIME SHALL ANY MATERIAL BE WASHED DOWN THE STORM DRAIN OR INTO ANY ENVIRONMENTALLY SENSITIVE AREA.

AFTER THE SWPPP IS IMPLEMENTED, ALL DISTURBED AREAS WILL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS THROUGH THE ADMINISTRATION OF A SELF-MONITORING PROGRAM. THE PURPOSE OF THE SELF-MONITORING PROGRAM REPORTS WHICH ARE TO BE COMPLETED BY A TRAINED INDIVIDUAL, IS TO ASSESS THE PERFORMANCE OF POLLUTANT CONTROL MEASURES. BASED ON THESE INSPECTIONS, IT WILL BE DETERMINED IF ADDITIONAL MEASURES ARE NECESSARY TO PREVENT POLLUTANTS FROM LEAVING THE SITE. THE CONTRACTOR WILL BE REQUIRED TO REPAIR, MODIFY, MAINTAIN, OR TAKE ADDITIONAL STEPS AS NECESSARY TO ACHIEVE EFFECTIVE POLLUTANT CONTROL. REFER ALSO TO DS-04, "TEMPORARY EROSION CONTROL" WHICH IS INCLUDED AS A PART OF THE CONSTRUCTION SPECIFICATIONS AND CONTRACT DOCUMENTS FOR THE PROJECT AND IS LOCATED UNDER SEPARATE ATTACHMENT.

B2 STABLE CONSTRUCTION ENTRANCE LOCATIONS AND SPECIFICATIONS:

THE PROJECT DOES NOT REQUIRE A CONSTRUCTION ENTRANCE SINCE WORK WILL OCCUR WITHIN THE EXISTING RIGHT-OF-WAY. UPON COMPLETION OF CONSTRUCTION, ALL SURFACES SHALL BE RESTORED TO MATCH PRE-CONSTRUCTION CONDITIONS. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE WILL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. AT THE END OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE EXISTING SURFACES ACTING AS CONSTRUCTION ENTRANCES/EXITS TO PRE-CONSTRUCTION CONDITIONS. REFER ALSO TO DS-04, "TEMPORARY EROSION CONTROL" FOR STABLE CONSTRUCTION ENTRANCE REQUIREMENTS (UNDER SEPARATE ATTACHMENT).

B3 SPECIFICATIONS FOR TEMPORARY AND PERMANENT STABILIZATION:

TEMPORARY AND PERMANENT SEED SURFACE STABILIZATION WILL BE UTILIZED WHERE NEEDED. SEE DS-04, "TEMPORARY EROSION CONTROL" AND WM-24 "SEEDING AND SODDING" (LOCATED UNDER SEPARATE ATTACHMENT) FOR ADDITIONAL INFORMATION.

IN ORDER TO REDUCE THE EXTENT OF EXPOSED AREAS AND THE DURATION OF EXPOSURE, CLEARING, GRADING, AND VEGETATIVE RE-STABILIZATION MUST BE PROPERLY TIMED AND COORDINATED. SEEDING AND MULCHING OR TEMPORARY SEEDING WILL BE PERFORMED AS SOON AS PRACTICABLE ON AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION UNVEGETATED AREAS THAT ARE LEFT IDLE OR SCHEDULED TO BE LEFT UNACTIVE MUST BE TEMPORARILY OR PERMANENTLY STABILIZED WITH MEASURES APPROPRIATE FOR THE SEASON TO MINIMIZE EROSION POTENTIAL. STABILIZATION MUST BE INITIATED BY THE END

OF THE SEVENTH DAY THE AREA IS LEFT IDLE. THE STABILIZATION ACTIVITY MUST BE COMPLETED WITHIN FOURTEEN (14) DAYS AFTER INITIATION. INITIATION OF STABILIZATION INCLUDES SEEDING AND APPLYING MULCH OR OTHER TEMPORARY SURFACE STABILIZATION METHODS WHERE APPROPRIATE. BIODEGRADABLE MATTING OR NETTING MAY BE USED TO STABILIZE SOILS ON SLOPED AREAS AND SOME RECENTLY PLANTED AREAS TO PROTECT SEEDLINGS UNTIL THEY HAVE BECOME ESTABLISHED. TEMPORARY SEEDING OR EROSION CONTROL MATS ARE TO BE USED TO STABILIZE EXPOSED SURFACES IF FINAL GRADING AND SEEDING MUST BE DELAYED.

B4 SEDIMENT CONTROL MEASURES FOR CONCENTRATED FLOW AREAS:

PROTECTIVE MEASURES FOR AREAS OF CONCENTRATED FLOW WILL INCLUDE TEMPORARY AND PERMANENT VEGETATION, MULCHES, EROSION CONTROL BLANKETS, CHECK DAMS, OR OTHER PRACTICES TO CORRESPOND WITH CONSTRUCTION ACTIVITIES. SEDIMENT CONTROL MEASURES FOR AREAS OF CONCENTRATED FLOW ARE NOT ANTICIPATED AS NECESSARY FOR ANY SPECIFIC AREAS OF THE PROPOSED PROJECT. SEDIMENT CONTROL MEASURES FOR AREAS OF CONCENTRATED FLOW WILL BE PROVIDED AS NEEDED BY THE CONTRACTOR. REFER TO DS-04, "TEMPORARY EROSION CONTROL" (UNDER SEPARATE ATTACHMENT) FOR MORE INFORMATION.

B5 SEDIMENT CONTROL MEASURES FOR SHEET FLOW AREAS:

ALL DISTURBED AREAS, WHERE RUNOFF WILL BE IN SHEET FLOW CONDITION AND WHICH ARE NOT TO BE DISTURBED FOR SEVEN (7) DAYS OR MORE, SHALL RECEIVE TEMPORARY SEEDING. DISTURBED AREAS SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER LAND DISTURBANCE ACTIVITIES ARE COMPLETED. PERIMETER PROTECTION, SUCH AS SILT FENCE AND INLET PROTECTION, SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS. IN GENERAL, SILT FENCES WILL BE INSTALLED APPROXIMATELY FIVE (5) FEET FROM PROPERTY BOUNDARIES/RIGHT OF WAY BOUNDARIES AS APPLICABLE. INSTALLATION OF SILT FENCES WILL TYPICALLY BE REQUIRED ON THE DOWNSLOPE SIDE OF ALL OPEN TRENCHES EXCAVATED FOR STORM SEWER INSTALLATION. THE PLANS SHOW ADDITIONAL EROSION CONTROL MEASURES PROPOSED FOR THIS PROJECT. REFER TO DS-04, "TEMPORARY EROSION CONTROL" (UNDER SEPARATE ATTACHMENT) FOR MORE DETAIL.

B6 RUNOFF CONTROL MEASURES:

DIVERSION DITCHES, CHECK DAMS, SLOPE DRAINS, OR OTHER SIMILAR STRUCTURES FOR RUNOFF CONTROL ARE NOT ANTICIPATED FOR THIS PROJECT.

B7 STORMWATER OUTLET PROTECTION SPECIFICATIONS:

STORMWATER OUTLETS WILL NOT BE AFFECTED IN THIS PROJECT.

B8 GRADE STABILIZATION STRUCTURE LOCATIONS AND SPECIFICATIONS:

GRADE STABILIZATION WILL BE REQUIRED AS NEEDED DURING CONSTRUCTION. GRADE STABILIZATION REQUIREMENTS ARE ESTABLISHED IN DS-04 "TEMPORARY EROSION CONTROL" (UNDER SEPARATE ATTACHMENT).

SEEDING AND MULCHING OR TEMPORARY SEEDING WILL BE PERFORMED ON AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION. TEMPORARY SEEDING WILL TAKE PLACE AS SOON AS PRACTICABLE AFTER DISTURBED AREAS HAVE BEEN RESTORED TO THEIR REQUIRED GRADE OR HAVE BEEN DISTURBED AND NOT WORKED FOR SEVEN (7) DAYS OR MORE. BIODEGRADABLE MATTING OR NETTING MAY BE USED TO STABILIZE SOILS ON SLOPED AREAS AND SOME RECENTLY PLANTED AREAS TO PROTECT SEEDLINGS UNTIL THEY HAVE BECOME ESTABLISHED.

B9 DEWATERING APPLICATIONS AND MANAGEMENT METHODS:

IF DEWATERING BECOMES NECESSARY ON SITE, THE FOLLOWING METHODS WILL BE USED: EQUIPMENT OPERATORS ARE PROHIBITED FROM DISCHARGING GROUNDWATER OR ACCUMULATED STORMWATER THAT IS REMOVED FROM EXCAVATIONS, TRENCHES, VAULTS, OR OTHER SIMILAR POINTS OF ACCUMULATION, UNLESS SUCH WATERS ARE FIRST EFFECTIVELY MANAGED BY APPROPRIATE CONTROL MEASURES.

EXAMPLES OF APPROPRIATE CONTROL MEASURES INCLUDE TEMPORARY SEDIMENT BASINS OR SEDIMENT TRAPS, SEDIMENT SOCKS, DEWATERING TANKS AND BAGS, OR FILTRATION SYSTEMS (E.G., BAG OR SAND FILTERS) THAT ARE DESIGNED TO REMOVE SEDIMENT. UNCONTAMINATED, NON-TURBID DEWATERING WATER CAN BE DISCHARGED WITHOUT BEING ROUTED TO A CONTROL.

AT A MINIMUM, THE FOLLOWING DISCHARGE REQUIREMENTS MUST BE MET FOR DEWATERING ACTIVITIES:

- 1. ALLOW NO DISCHARGE OF VISIBLE SEDIMENTS OR SOLIDS.
2. AT ALL POINTS WHERE DEWATERING WATER IS DISCHARGED, UTILIZE VELOCITY DISSIPATION DEVICES.
3. DEWATERING PRACTICES MUST INVOLVE THE IMPLEMENTATION OF APPROPRIATE CONTROL MEASURES AS APPLICABLE (I.E., CONTAINMENT AREAS FOR DEWATERING EARTH MATERIALS, PORTABLE SEDIMENT TANKS AND BAGS, PUMPING SETTLING BASINS, AND PUMP INTAKE PROTECTION).

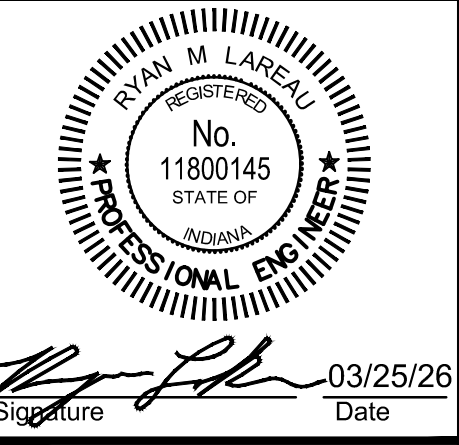
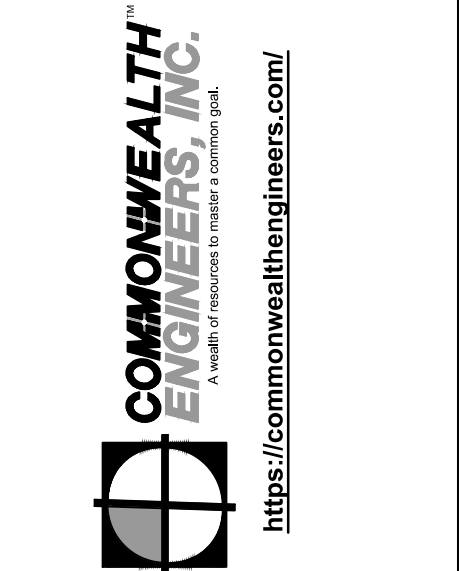
B10 MEASURES UTILIZED FOR WORK WITHIN WATERBODIES:

NO WORK WITHIN WATERBODIES IS PROPOSED AS PART OF THIS PROJECT.

B11 MAINTENANCE GUIDELINES FOR EACH PROPOSED STORMWATER QUALITY MEASURE:

THROUGHOUT THE DURATION OF CONSTRUCTION, THE CONTRACTOR SHALL MONITOR AND MANAGE PROJECT CONSTRUCTION AND STORMWATER ACTIVITIES THROUGH THE ADMINISTRATION OF A SELF-MONITORING PROGRAM (SMP). A TRAINED INDIVIDUAL SHALL SUBMIT WEEKLY SMP REPORTS, AND EVENT INSPECTION REPORTS AS REQUIRED WITHIN 24 HOURS OF EVERY 1/2" RAIN EVENT. INSPECTION WILL BE PROVIDED FOR ALL EROSION AND SEDIMENT CONTROL STRUCTURES TO ENSURE INTEGRITY AND EFFECTIVENESS. INSPECTIONS WILL ALSO BE PROVIDED FOR ALL DISTURBED AREAS THAT HAVE NOT ACHIEVED FINAL STABILIZATION, AND AT ALL POINTS OF DISCHARGE FROM THE CONSTRUCTION SITE. REFER TO DS-04, "TEMPORARY EROSION CONTROL" (UNDER SEPARATE ATTACHMENT) FOR REQUIREMENTS REGARDING THE SMP REPORTS AND PROJECT MANAGEMENT LOG.

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Sheet: 25/2026 8:48:41 AM Friday, 3/25/2025 09:07 AM Current User: Rose-Farral.LaRue@monticello.org



Signature: [Signature] Date: 03/25/26

CITY OF MONTICELLO
WHITE COUNTY, INDIANA
LEAD SERVICE LINE REPLACEMENTS



Table with columns: No., Date, By, Submitted / Revision

Designed By: RML Drawn By: KJG Checked By: AMR
Issue Date: 03/25/26 Project No: W25138 Scale: AS SHOWN

STORMWATER POLLUTION PREVENTION PLAN

Drawing No: MD6
Sheet: 37 OF 43



INDEX	
SHEET NO.	SUBJECT - TEMPORARY PEDESTRIAN ACCESS ROUTES
1	Index and General Notes
2	Pedestrian Detour Corner Closure
3	Pedestrian Detour Crosswalk Closure
4	Pedestrian Detour Full Block Closure
5	Pedestrian Detour Multi-Block Closure
6	Pedestrian Detour Midblock Closure
7	Pedestrian Detour Midblock Closure with Temporary Crossing
8	Pedestrian Diversion, Streetside at Intersection
9	Pedestrian Diversion, Right-of-way Side
10	Temporary Curb Ramps
11	Temporary Pedestrian Channelizers

**GENERAL NOTES:**

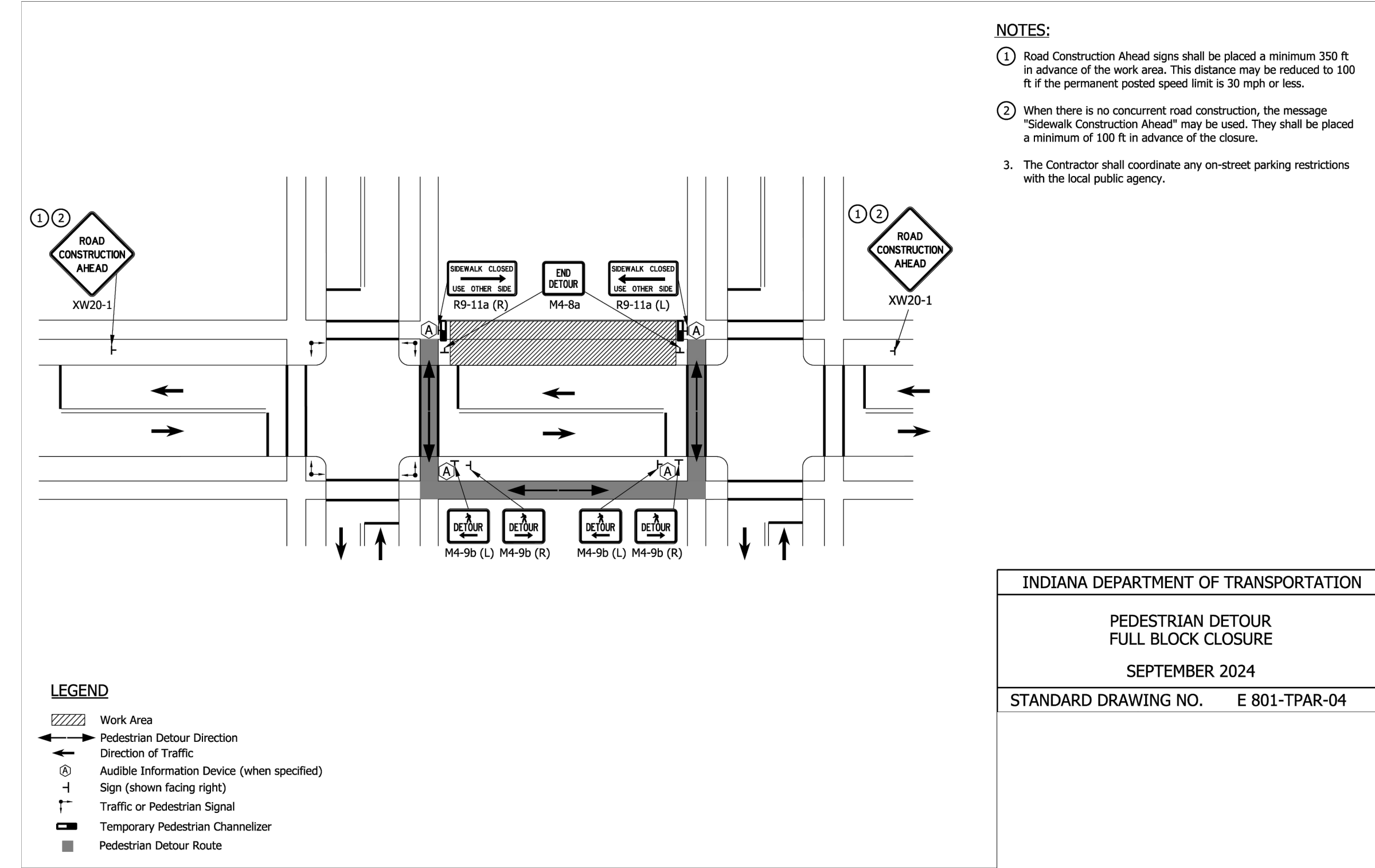
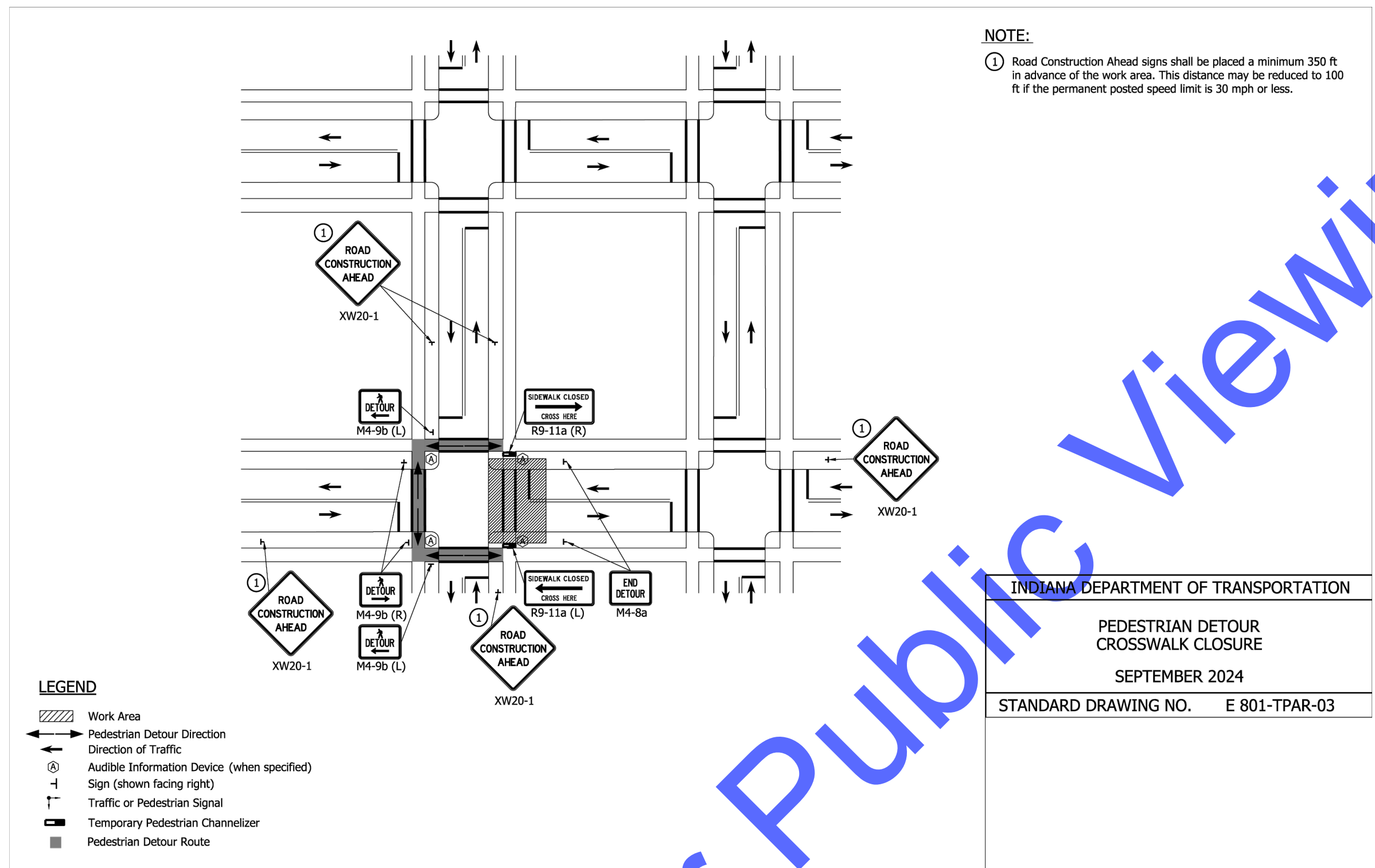
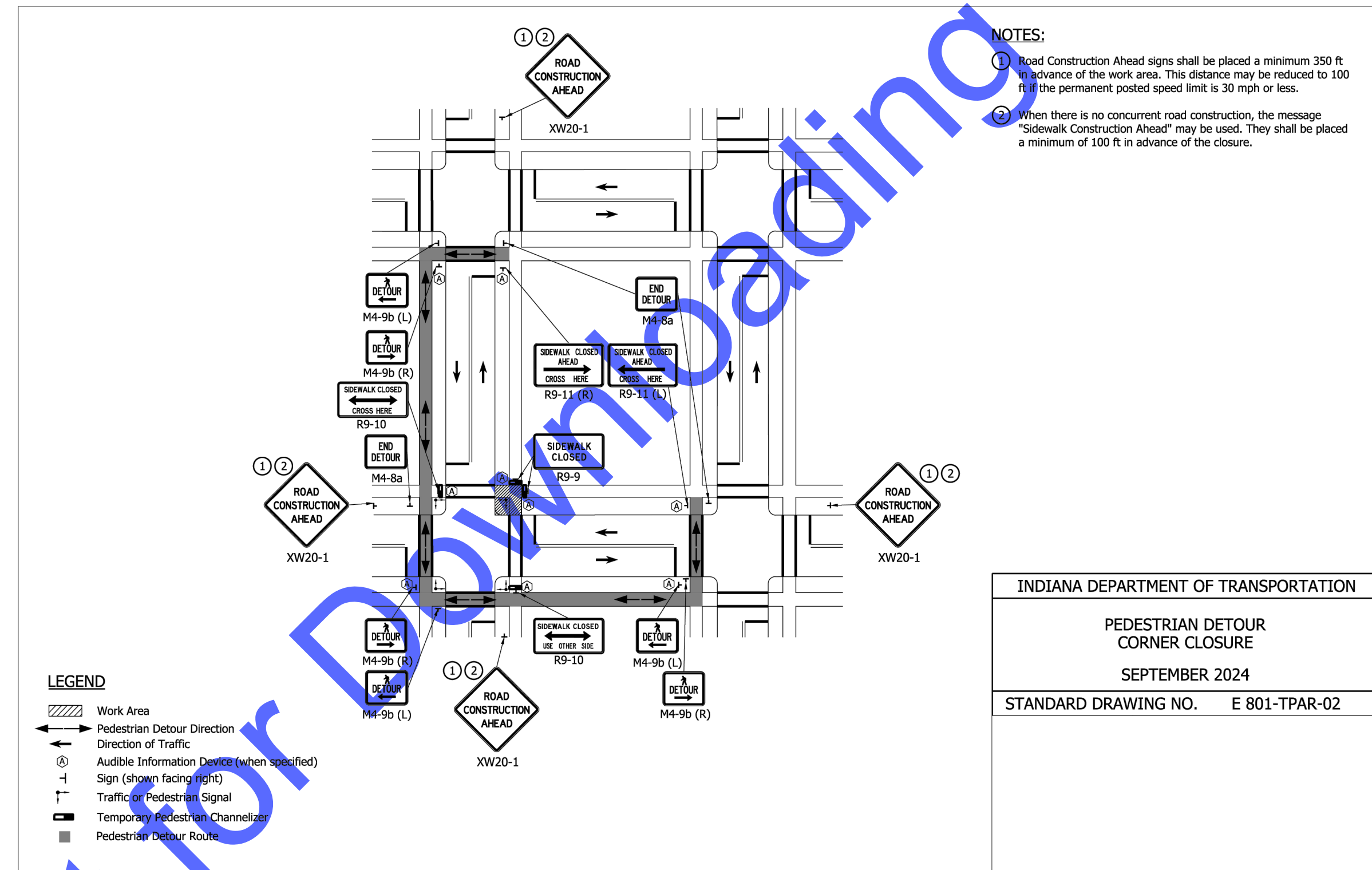
1. Signs, railings, or other objects may protrude a maximum of 4 inches into the walkway clear area when located 27 inches minimum above the walkway surface.
2. Any construction signs placed in the sidewalk shall include supports with detectable edging in accordance with Part 6 of the MUTCD.
3. Audible information devices, when specified, shall be a minimum of 15 ft apart and may be mounted on channelizing devices, pedestrian channelizers, or on an independent support post. Audible information devices shall not reduce the width of a temporary pedestrian access route to less than 4 ft. Placement of audible information devices shall be as shown on the plans or as directed by the Engineer.
4. Pedestrian traffic signal displays controlling closed crosswalks shall be covered or deactivated.
5. Type A flashing warning lights may be omitted on pedestrian channelizers that support signs and closed sidewalks during daytime only closures.
6. Construction signs shall not reduce the available width of a temporary pedestrian access route to less than 4 ft.

INDIANA DEPARTMENT OF TRANSPORTATION

INDEX AND GENERAL NOTES

SEPTEMBER 2024

STANDARD DRAWING NO. E 801-TPAR-01



**NOTES:**

1. CONTRACTOR TO FIELD VERIFY THE WATER SERVICE MATERIAL TYPE. IF THE EXISTING SERVICE, OR A PORTION OF THE SERVICE, IS FOUND TO BE PLASTIC OR COPPER, THAT PORTION OF THE SERVICE SHALL NOT BE REPLACED.
2. ANY DISTURBED/REMOVED PAVEMENT MARKINGS SHALL BE REPLACED WITH MULTICOMPONENT AND TO INDOT STANDARDS.

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Signature: *[Signature]* Date: 03/25/26

INDIANA DEPARTMENT OF TRANSPORTATION  
 PEDESTRIAN DETOUR CORNER CLOSURE  
 SEPTEMBER 2024  
 STANDARD DRAWING NO. E 801-TPAR-02

INDIANA DEPARTMENT OF TRANSPORTATION  
 PEDESTRIAN DETOUR CROSSWALK CLOSURE  
 SEPTEMBER 2024  
 STANDARD DRAWING NO. E 801-TPAR-03

INDIANA DEPARTMENT OF TRANSPORTATION  
 PEDESTRIAN DETOUR FULL BLOCK CLOSURE  
 SEPTEMBER 2024  
 STANDARD DRAWING NO. E 801-TPAR-04

CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA  
 LEAD SERVICE LINE REPLACEMENTS

Know what's below. 811 before you dig.  
 1-800-382-5544  
 (ITS THE LAW)

Date							
By							
No.	Submitted / Revision						
Designed By:	Drawn By:	Checked By:					
RML	KJG	AMR					
Issue Date:	Project No:	Scale:					
03/25/26	W25138	AS SHOWN					

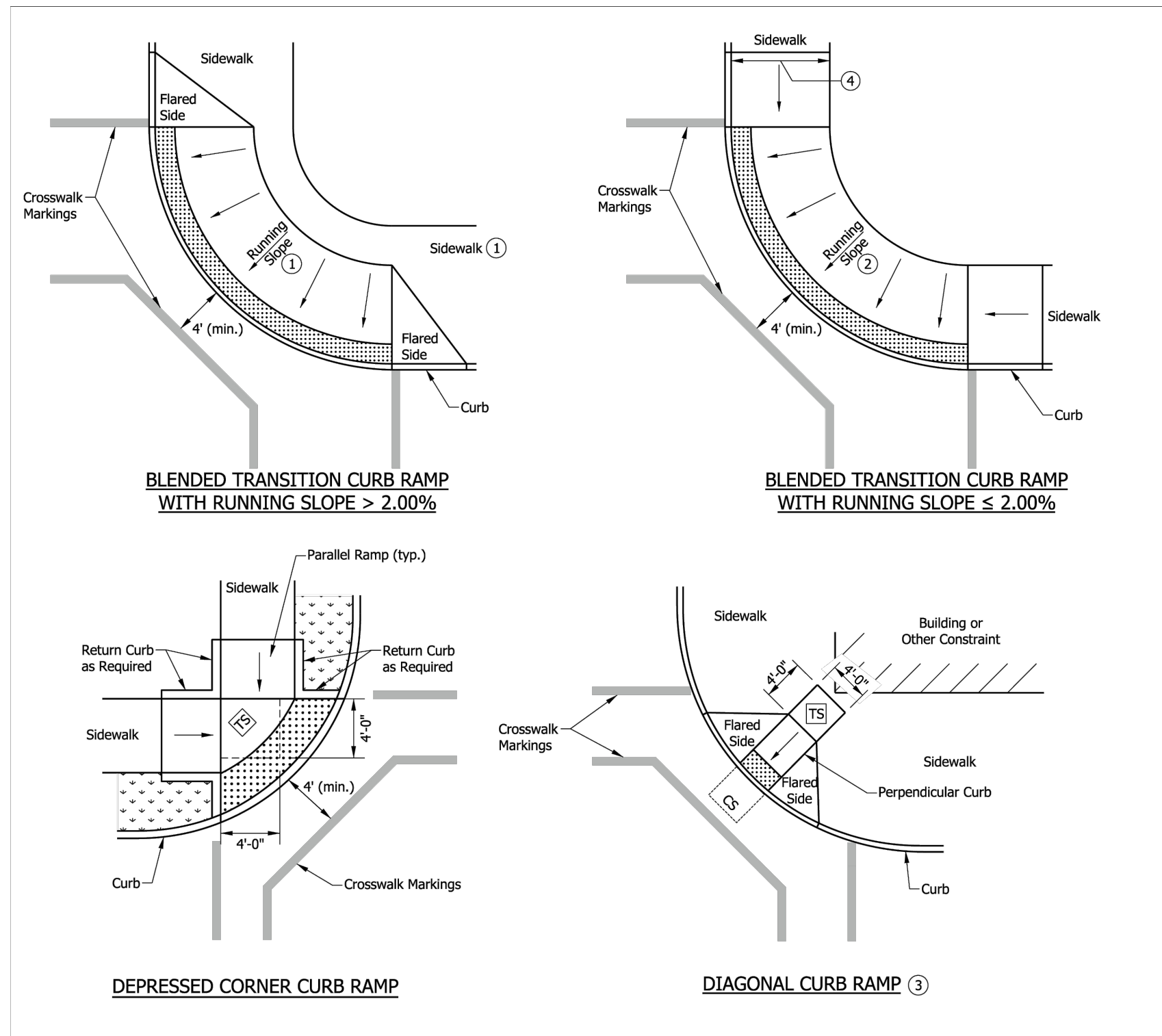
MAINTENANCE OF TRAFFIC DETAILS

Drawing No:  
**MD8**

Sheet: 39 OF 43







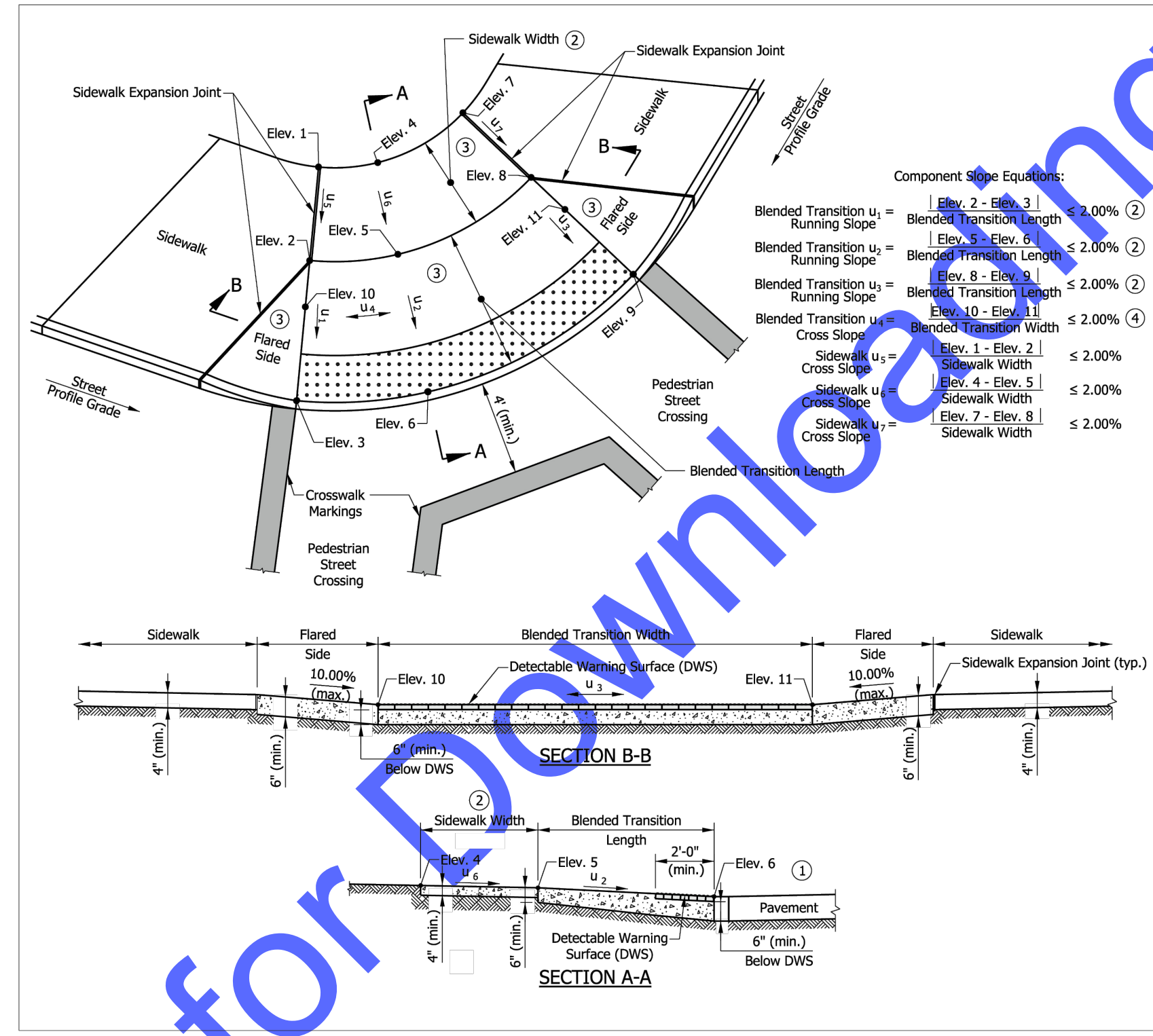
**NOTES:**

- Where the running slope is greater than 2.00%, a 4-ft minimum sidewalk shall continue behind the blended transition. The running slope shall not exceed 5.00%.
- Where the running slope is less than or equal to 2.00% a 4-ft minimum sidewalk is not required behind the blended transition.
- A diagonal curb ramp shall not be used for new construction. For an alteration project, a diagonal curb ramp shall be used only where existing physical conditions prevent paired curb ramps, a blended transition curb ramp, or a depressed corner curb ramp from being provided.
- Where there is no buffer between the sidewalk and curb the preferred minimum sidewalk width is 6 ft. Where a buffer is placed between the sidewalk and curb, the preferred minimum sidewalk width is 5 ft. See Standard Drawing Series E 604-SDWK for sidewalk details.

**LEGEND:**

- Buffer or Other Non-Walkable Surface
- Ramp
- Detectable Warning Surface
- Turning Space
- Clear Space

**INDIANA DEPARTMENT OF TRANSPORTATION**  
**BLENDED TRANSITION CURB RAMP, DEPRESSED CURB RAMP AND DIAGONAL CURB RAMP TYPICAL PLACEMENT**  
 SEPTEMBER 2018  
 STANDARD DRAWING NO. E 604-SWCR-09



**NOTES:**

- The bottom edge of the blended transition and top of curb shall be flush with the edge of adjacent pavement and gutter line.
- Where the running slope is less than or equal to 2.00% a 4-ft minimum sidewalk is not required, behind the blended transition. Where the running slope is greater than 2.00%, a 4-ft minimum sidewalk shall continue behind the blended transition and the running slope shall not exceed 5.00%.
- Curb ramp surface shall be coarse broomed transverse to the running slope.
- See Standard Drawing E 604-SWCR-01 for cross slope exceptions.
- See Standard Drawing E 604-SWCR-12, -13, and -14 for Detectable Warning Surface placement, configuration, and details.
- See Standard Drawing E 604-CCS-01 for sidewalk expansion joint details.

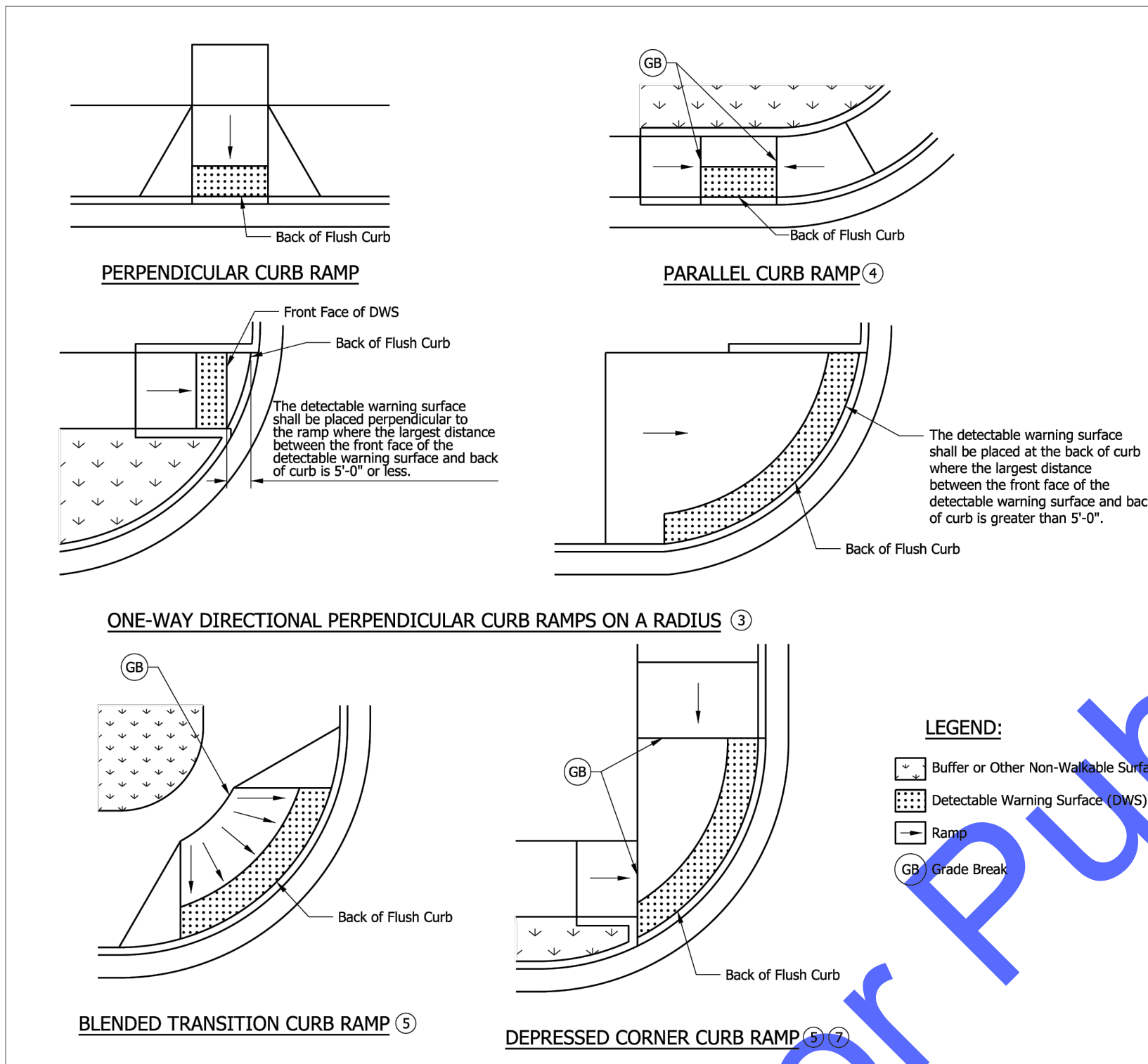
**Component Slope Equations:**

- Blended Transition  $u_1 = \frac{Elev. 2 - Elev. 1}{Blended Transition Length} \leq 2.00\%$
- Blended Transition  $u_2 = \frac{Elev. 5 - Elev. 6}{Blended Transition Length} \leq 2.00\%$
- Blended Transition  $u_3 = \frac{Elev. 8 - Elev. 9}{Blended Transition Length} \leq 2.00\%$
- Blended Transition  $u_4 = \frac{Elev. 10 - Elev. 11}{Blended Transition Length} \leq 2.00\%$
- Sidewalk  $u_1 = \frac{Elev. 1 - Elev. 2}{Sidewalk Width} \leq 2.00\%$
- Sidewalk  $u_2 = \frac{Elev. 4 - Elev. 5}{Sidewalk Width} \leq 2.00\%$
- Sidewalk  $u_3 = \frac{Elev. 7 - Elev. 8}{Sidewalk Width} \leq 2.00\%$

**LEGEND:**

- Ramp
- Detectable Warning Surface

**INDIANA DEPARTMENT OF TRANSPORTATION**  
**BLENDED TRANSITION CURB RAMP COMPONENT DETAILS**  
 SEPTEMBER 2018  
 STANDARD DRAWING NO. E 604-SWCR-10



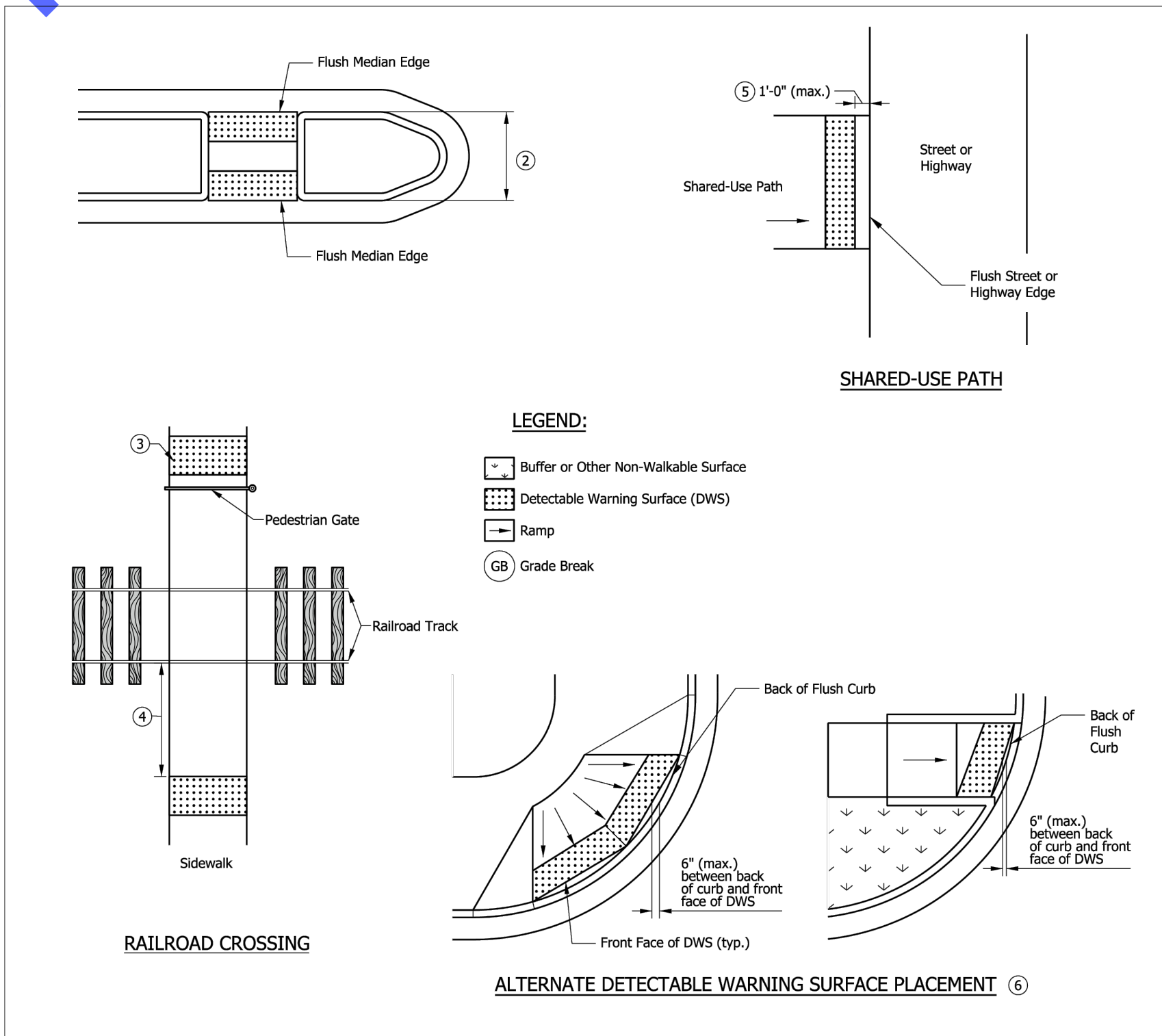
**NOTES:**

- A detectable warning surface shall be placed at each street, highway, or railroad crossing. See Standard Drawing E 604-SDWK-03 for a detectable warning surface placement at a sidewalk driveway crossing.
- The detectable warning surface shall extend a minimum of 2 ft in the direction of pedestrian travel and extend the full width as shown. The detectable warning surface shall not be placed across a grade break.
- Where the distance from the face of the detectable warning surface is 5 ft or less from the back of curb, the detectable warning surface shall be placed perpendicular to the ramp. Where the distance from the face of the detectable warning surface is more than 5 ft from the back of curb, the detectable warning surface shall be placed at the back of curb as shown or in an alternate placement configuration. See Standard Drawing E 604-SWCR-13 for alternate detectable warning surface placement.
- The detectable warning surface on a parallel curb ramp shall be placed on the turning space at the flush transition between the street and turning space at the back of curb.
- The detectable warning surface on a blended transition or depressed corner shall be placed at the back of curb as shown or in an alternate placement configuration. See Standard Drawing E 604-SWCR-13 for alternate detectable warning surface placement.
- See Standard Drawing E 604-SWCR-14 for detectable warning surface details.

**LEGEND:**

- Buffer or Other Non-Walkable Surface
- Detectable Warning Surface (DWS)
- Ramp
- Grade Break

**INDIANA DEPARTMENT OF TRANSPORTATION**  
**DETECTABLE WARNING SURFACE PLACEMENT AND CONFIGURATION**  
 SEPTEMBER 2018  
 STANDARD DRAWING NO. E 604-SWCR-12



**NOTES:**

- The detectable warning surface shall extend a minimum length of 2 ft in the direction of pedestrian travel and extend the full width as shown. The detectable warning surface shall not be placed across a grade break. The edges of adjacent panels shall be parallel and tightly abutted.
- The detectable warning surface on a median cut-through shall be placed at the flush transition between the street and median cut-through. Where a median is less than 6 ft, a detectable warning surface shall not be placed.
- Where a pedestrian gate is provided at a railroad crossing, the detectable warning surface shall be placed on the side of the gate opposite the railroad crossing.
- The edge of the detectable warning surface nearest to the railroad crossing shall be placed 6 ft minimum and 15 ft maximum from the centerline of the nearest rail.
- Where shared-use path intersects a street or highway, the detectable warning surface shall be placed on the shared-use path within 1 ft of the street or highway edge.
- Plate ends shall be placed at the back of curb. The distance between the back of curb and the front face of the detectable warning surface shall not exceed 6 in. between the ends.
- See Standard Drawing E 604-SWCR-14 for detectable warning surface details.

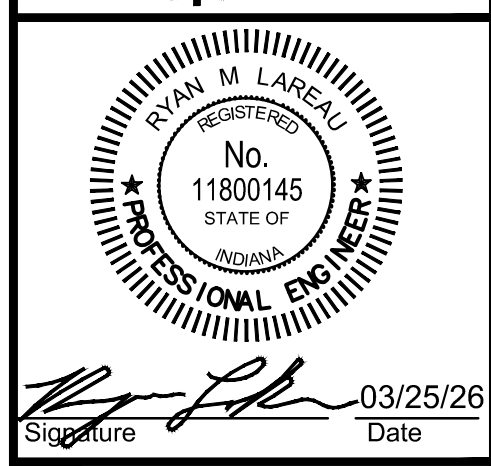
**LEGEND:**

- Buffer or Other Non-Walkable Surface
- Detectable Warning Surface (DWS)
- Ramp
- Grade Break

**INDIANA DEPARTMENT OF TRANSPORTATION**  
**DETECTABLE WARNING SURFACE PLACEMENT AND CONFIGURATION**  
 SEPTEMBER 2018  
 STANDARD DRAWING NO. E 604-SWCR-13

**NOTES:**

- CONTRACTOR TO FIELD VERIFY THE WATER SERVICE MATERIAL TYPE. IF THE EXISTING SERVICE, OR A PORTION OF THE SERVICE, IS FOUND TO BE PLASTIC OR COPPER, THAT PORTION OF THE SERVICE SHALL NOT BE REPLACED.
- ANY DISTURBED/REMOVED PAVEMENT MARKINGS SHALL BE REPLACED WITH MULTICOMPONENT AND TO INDOT STANDARDS.



Signature: *[Signature]* Date: 03/25/26

CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA  
 LEAD SERVICE LINE REPLACEMENTS



Date	
By	
No. / Submit / Revision	

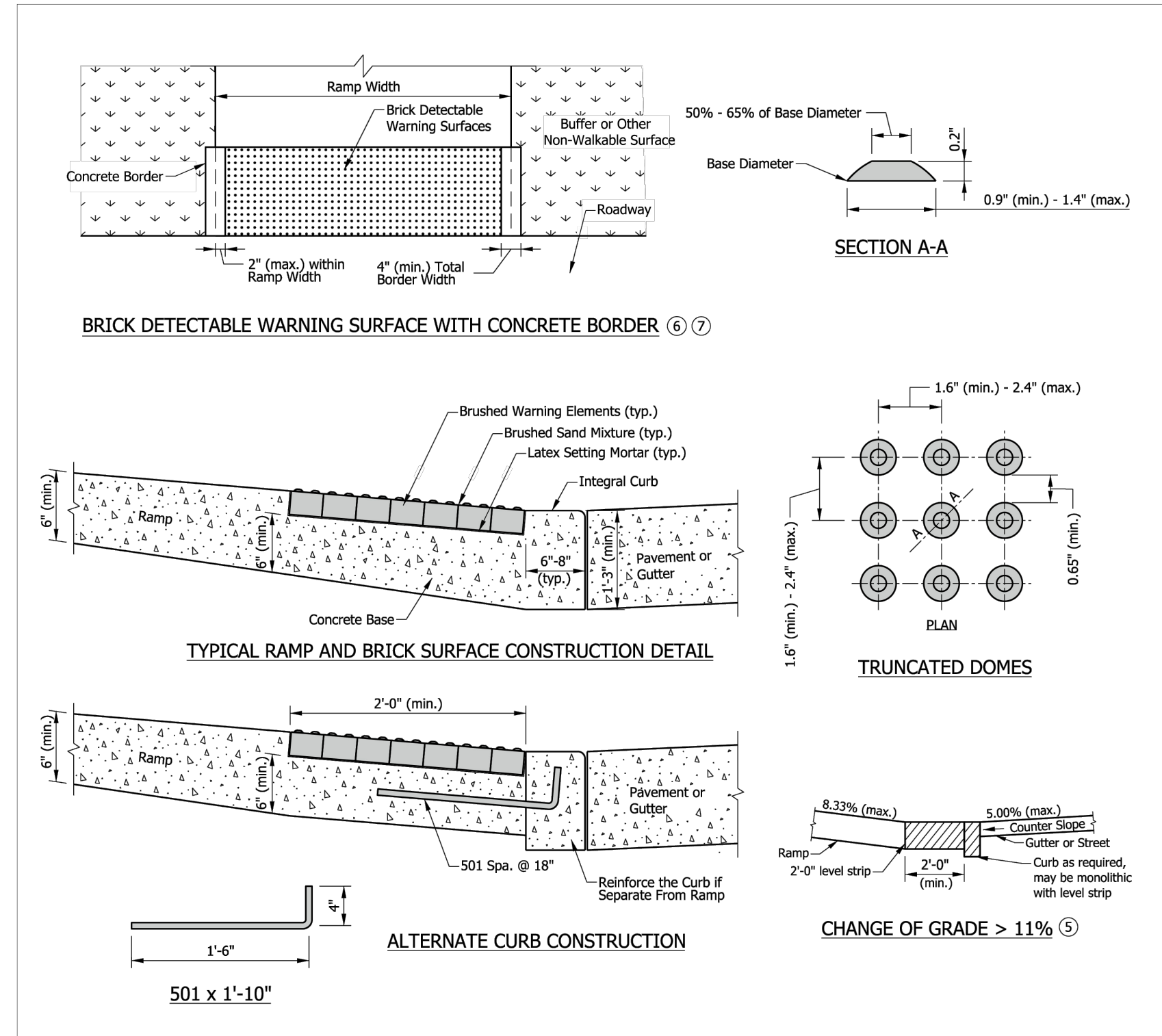
Designed By: RML  
 Drawn By: KJG  
 Checked By: AMR

Issue Date: 03/25/26  
 Project No: W25138  
 Scale: AS SHOWN

**MAINTENANCE OF TRAFFIC DETAILS**

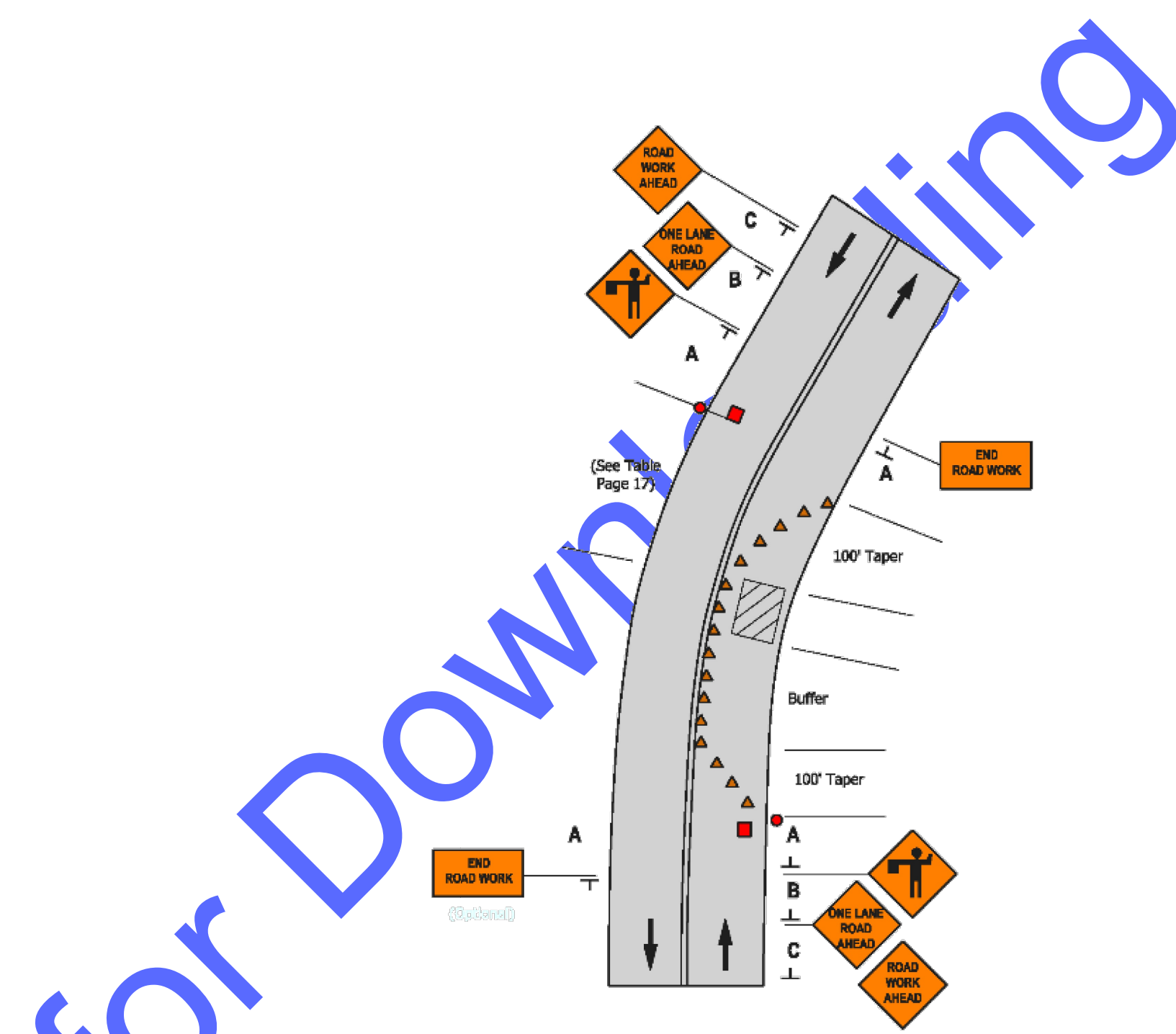
Drawing No: **MD11**  
 Sheet: 42 OF 43

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- NOTES:**
1. Detectable warning surface shall consist of truncated domes. Domes shall be aligned in a square or radial grid pattern with diameter and center-to-center spacing within the ranges specified.
  2. The detectable warning surface may be field cut. Truncated dome spacing between adjacent panels shall be within the ranges specified.
  3. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light.
  4. The detectable warning surface shall extend a minimum of 2 ft in the direction of pedestrian travel and extend the full width as shown. The detectable warning surface shall not be placed across a grade break.
  5. The maximum counter slope of the gutter or street at the bottom of the ramp shall be 5.00%. Where the algebraic difference between the running slope and the counter slope exceeds 11%, a 2-ft minimum level strip should be provided at the bottom of the ramp.
  6. Where a concrete border is used for forming, the border shall be cast monolithically with the curb ramp concrete. The concrete border shall not reduce the ramp width by more than 2 in. on each side.
  7. Where forming other than a concrete border is used, the edge restraint shall not encroach upon the ramp width.

INDIANA DEPARTMENT OF TRANSPORTATION  
 DETECTABLE WARNING SURFACE DETAILS  
 SEPTEMBER 2018  
 STANDARD DRAWING NO. E 604-SWCR-14



Notes:

1. The flaggers shall use approved flagging procedures according to the MUTCD and as shown on pg. 77.
2. If there is a side road intersection within the work area, additional traffic control, such as flaggers and appropriate signage, shall be used on the side road approaches.
3. If the work area is in or adjacent to a horizontal or vertical crest curve, the buffer spaces should be extended so that the two-way taper is placed before the curve to provide better sight distance for the flagger.
4. If portable rumble strips are used, they must be placed adjacent to the ONE LANE ROAD AHEAD signs.

Speed Limit (mph)	Sign Spacing (ft.)			Buffer (ft.)
	A	B	C	
25	100	100	100	160
30	100	100	100	200
35	350	350	350	280
40	350	350	350	320
45	500	500	500	360
50	500	500	500	440
55	500	500	500	520
60	1000	1600	2640	600

- NOTES:**
1. CONTRACTOR TO FIELD VERIFY THE WATER SERVICE MATERIAL TYPE. IF THE EXISTING SERVICE, OR A PORTION OF THE SERVICE, IS FOUND TO BE PLASTIC OR COPPER, THAT PORTION OF THE SERVICE SHALL NOT BE REPLACED.
  2. ANY DISTURBED/REMOVED PAVEMENT MARKINGS SHALL BE REPLACED WITH MULTICOMPONENT AND TO INDOT STANDARDS.

RYAN M. LAREAU  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 11800145  
 STATE OF INDIANA  
 Signature: [Signature] Date: 03/25/26

CITY OF MONTICELLO  
 WHITE COUNTY, INDIANA  
 LEAD SERVICE LINE REPLACEMENTS

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No.	Submittal / Revision	Date	By

Designed By: RML  
 Drawn By: KJG  
 Checked By: AMR  
 Issue Date: 03/25/26  
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 Scale: AS SHOWN

MAINTENANCE OF TRAFFIC DETAILS