

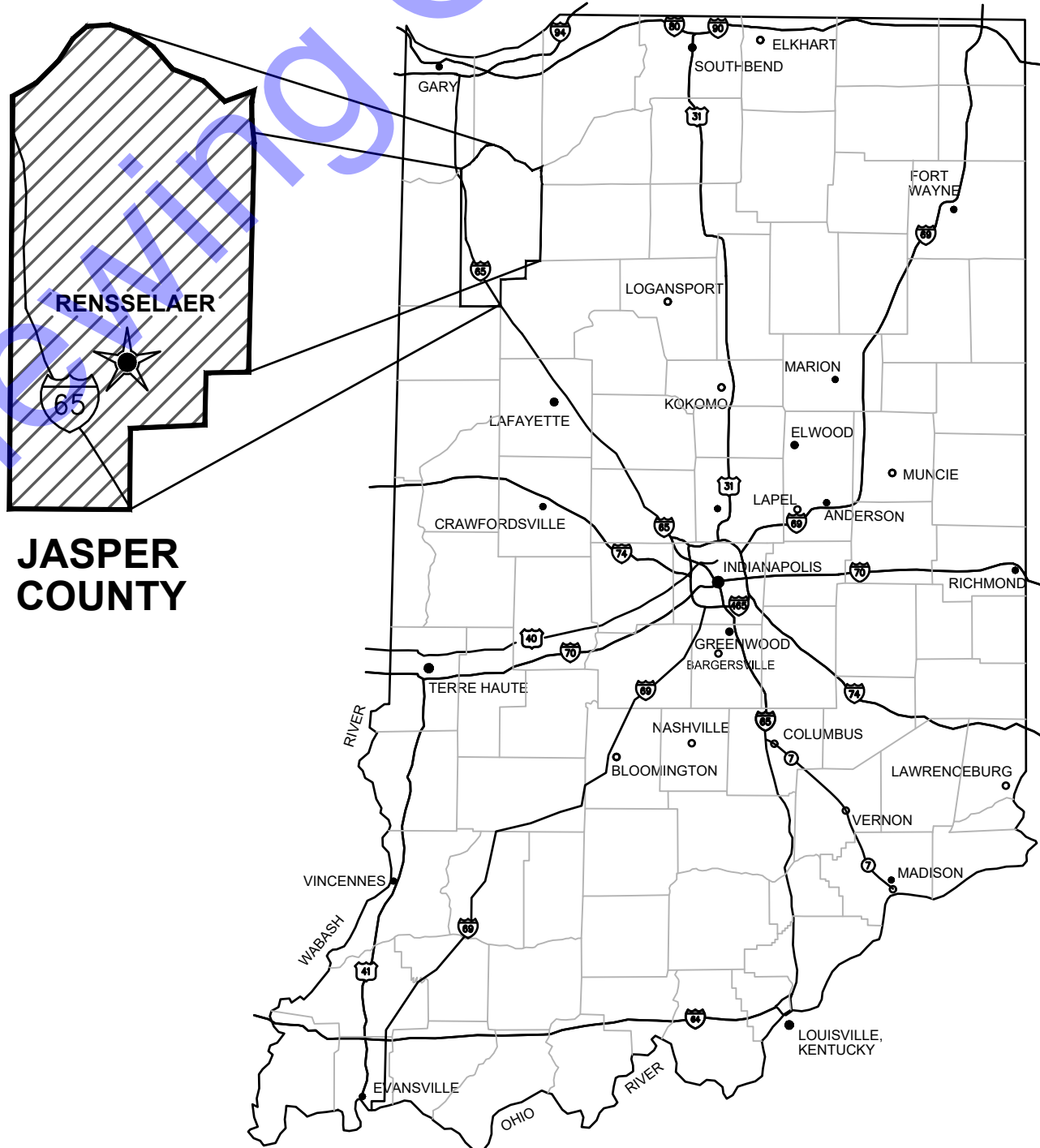
CITY OF RENSSELAER JASPER COUNTY, INDIANA

WATERWORKS IMPROVEMENTS 2025 WATER SERVICE REPLACEMENTS MAY 2025

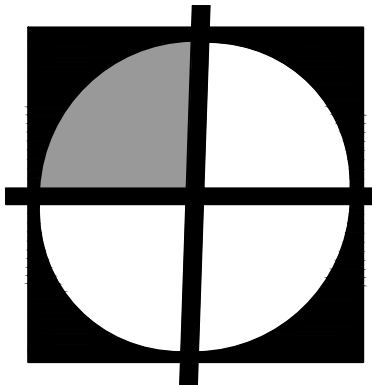
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TODD SAMMONS.....CITY ATTORNEY




GENERAL LOCATION MAP



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ENGINEERS, INC.
A wealth of resources to master a common goal.

QA/QC BY : ANDREW M. ROBARGE
DATE : 5/5/2025

CERTIFIED BY : 
RYAN LAREAU
INDIANA P.E. No. 11800145
DATE : 5/5/2025



CONTRACT NO. : W22136

PROJECT NOTES

- IF ANY ERRORS OR DISCREPANCIES BECOME APPARENT, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING, AT NO ADDITIONAL COST TO THE OWNER, TEMPORARY EASEMENTS NEEDED FOR STORAGE, STOCKPILING, ACCESS, OR ANY OTHER REASON, OUTSIDE OF ANY EASEMENTS OR RIGHT-OF-WAY PROVIDED.
3. THE CONTRACTOR SHALL COORDINATE THE ACTIVITIES OF THEIR PERSONNEL, SUBCONTRACTORS, AND UTILITIES PERFORMING WORK ON THIS PROJECT. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE OWNER'S OPERATIONS AND MAINTENANCE PERSONNEL WHO MAY BE WORKING IN OR NEAR THE PROJECT AREA.
4. THE CONTRACTOR IS SOLELY AND COMPLETELY RESPONSIBLE FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING EROSION CONTROL AND THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OR WORK ON THE PROJECT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LINES, GRADES AND ELEVATIONS.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL MUD, DIRT, GRAVEL, AND ANY OTHER MATERIALS TRACKED ONTO ANY PUBLIC OR PRIVATE STREETS, PARKING LOTS, OR WALKS. THIS MATERIAL REMOVAL OR SWEEPING OF THE STREETS SHALL BE DONE AS FREQUENTLY AS NECESSARY TO MAINTAIN REASONABLY CLEAN AREAS. THE CONTRACTOR SHALL ALSO CONTROL DUST THROUGH THE USE OF WATERING, APPLICATION OF DUST PALLIATIVE, OR OTHER APPROVED METHODS. NO DIRECT PAYMENT WILL BE MADE FOR ANY SUCH CLEANING WORK OR DUST CONTROL.
7. EXISTING SIGNS TO BE REMOVED AND RESET AFTER CONSTRUCTION SHALL BE COORDINATED WITH THE CITY OF RENNELAER.
8. EXISTING SIDEWALK TO BE REPLACED TO THE NEAREST JOINT AND REPLACED AS NEEDED FOR INSTALLATION OF OTHER WORK AS SHOWN.
9. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ALL PERMITS OBTAINED FOR THE PROJECT.
10. THE COST OF ABIDING BY THE PROVISIONS OR PERMITS ISSUED BY VARIOUS AGENCIES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. ALL ASSOCIATED BONDING REQUIREMENTS AND COSTS SHALL ALSO BE CONSIDERED INCIDENTAL TO THE CONTRACT.
11. THE CONTRACTOR SHALL PRESERVE AND PROTECT PROPERTY MARKERS, SECTION CORNERS, SURVEY MARKS AND BENCHMARKS, SUCH AS STONES, PIPES, OR OTHER MONUMENTS ENCOUNTERED, IF THE CONTRACTOR MUST DISTURB THE PROPERTY MARKERS OR MONUMENTS, THEIR HORIZONTAL AND VERTICAL LOCATION SHALL BE DETERMINED AND RECORDED BY A REGISTERED LAND SURVEYOR AND THE OWNER NOTIFIED BEFORE DISTURBING. ALL PROPERTY MARKERS AND MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE RE-ESTABLISHED BY A REGISTERED LAND SURVEYOR TO FINAL COMPLETION.
12. ROADWAY SURFACING AND BASE MATERIALS OR OTHER PROPERTY REMOVED OR DAMAGED, SHALL BE REPLACED OR REPAIRED AS PROVIDED FOR IN THE CONTRACT DOCUMENTS.
13. REGRADE AREAS AS NECESSARY WITHIN THE CONSTRUCTION LIMITS TO ALLOW PROPER DRAINAGE TO EXISTING STORM SEWER STRUCTURES. ANY EXCESS SOIL AND SPOIL MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE.
14. WORK NOT SPECIFIED FOR PAYMENT AS OR PART OF A SPECIFIC PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT BY THE CONTRACTOR.
15. COORDINATION AND PROPER FIT AND SURVEY OF ALL PROJECT ELEMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
16. CONTRACTOR TO USE ONLY CLEAN FILL IN TRENCHES WHENEVER LARGE DEBRIS IS REMOVED.
17. CONTRACTOR TO FIELD VERIFY LOCATIONS OF ALL WELLS AND SCEPTICS PRIOR TO CONSTRUCTION OF MAIN LINES AND LATERALS. MAINTAIN SEPARATION FROM ALL WELLS AS NEEDED. IF PROBLEM OCCURS NOTIFY ENGINEER PRIOR TO CONSTRUCTION.

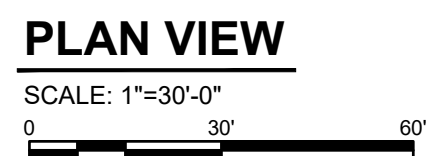
DRAWING SET LEGEND

	EXISTING OVERHEAD TELEPHONE LINE		AC UNIT		TELEPHONE MANHOLE
	EXISTING GAS LINE AND VALVE		BOLLARD		TELEPHONE LINE MARKER
	EXISTING WATER LINE AND VALVE		BOULDER / 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 BURIED TELEPHONE LINE		FLAG POLE		FLUSH HYDRANT
	EXISTING FENCE		POST		YARD HYDRANT
	APPARENT RIGHT-OF-WAY		STUMP		WALL SPIGOT
	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
	NEW WATER LINE		GAS LINE MARKER		SANITARY MANHOLE
	PROPOSED MAJOR CONTOUR LINE		GAS VALVE		SANITARY VALVE
	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		

GENERAL ABBREVIATIONS, SYMBOLS, LEGENDS AND NOTES

G3

Sheet: 03 OF 24

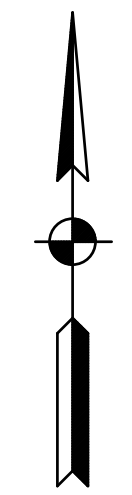


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1. CONTRACTOR TO AVOID AND PROTECT ANY EXISTING STORM MANHOLES, SEWER, OR CULVERTS. IF DISTURBED OR DAMAGED, CONTRACTOR TO REPLACE TO A CONDITION EQUAL TO OR BETTER THAN EXISTING.
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Sheet: 05 OF 24



SCALE: 1"=30'-0"

(IP) INLET PROTECTION

2. SEE DRAWINGS MD3 AND MD4 FOR EROSION CONTROL DETAILS.

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FOR CONTINUATION SEE DWG C1-06

SCALE: 1"=30'-0"

0 30' 60'

A horizontal scale bar with alternating black and white segments. It is marked with '0' at the left end, '30'' at the midpoint, and '60'' at the right end.

FOR CONTINUATION SEE DWG C1-08

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FOR CONTINUATION SEE DWG C1-04

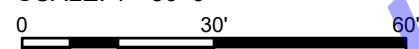


FOR CONTINUATION SEE DWG C1-03

FOR CONTINUATION SEE DWG C1-09

PLAN VIEW

SCALE: 1"=30'-0"



EROSION CONTROL LEGEND:



INLET PROTECTION

EROSION CONTROL NOTES:

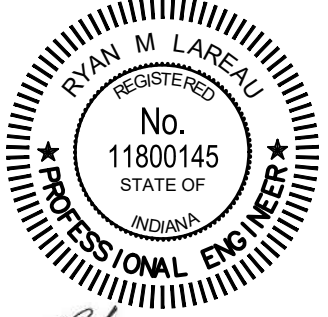
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	5/5/2025
Signature	Date

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JASPER COUNTY, INDIANA

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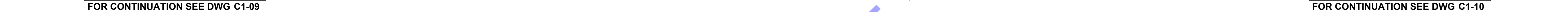
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SERVICE REPLACEMENT PLAN VIEW

Drawing No:

C1-07

Sheet: 11 OF 24



SCALE: 1"=30'-0"

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SERVICE REPLACEMENT PLAN VIEW

Drawing No:

C1-08

Sheet: 12 OF 24



SCALE: 1"=30'-0"

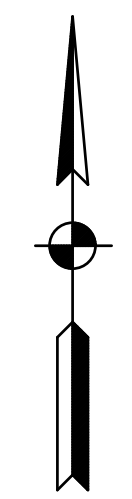
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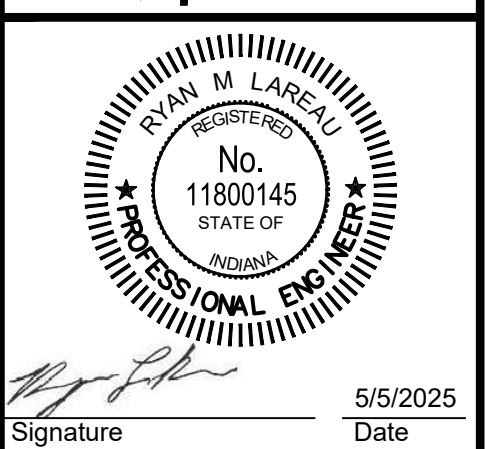
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Drawing No:
C1-09
Sheet: 13 OF 24




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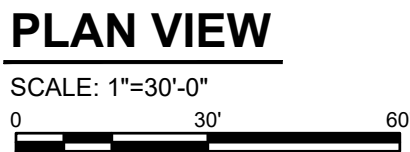
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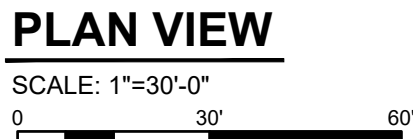
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SERVICE REPLACEMENT PLAN VIEW

Drawing No:
C1-11
Sheet: 15 OF 24



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SCALE: 1"=30'-0"

0 30' 60'

A horizontal scale bar with alternating black and white segments. It is marked with '0' at the left end, '30'' at the midpoint, and '60'' at the right end.

FOR CONTINUATION SEE DWG C1-15

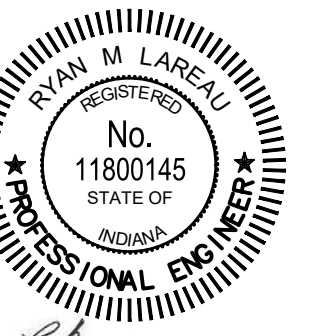
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SERVICE REPLACEMENT PLAN VIEW

Drawing No:

C1-14

Sheet: 18 OF 24



5/5/2025
Date

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JASPER COUNTY, INDIANA
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Issue Date: 5/5/2025	Project No: W22136	Scale: AS SHOWN
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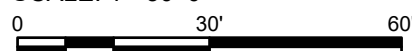
FILE Z:\SHARED\IN CLIENTS\4.2025\RENSSELAER\021138 WATERWORKS IMPROV\WATER SERV\DESIGN\06 CADIA CURRENT FILES\1 DRAWINGS\03 PLAN DRAWING.DWG
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FOR CONTINUATION SEE DWG C1-14



PLAN VIEW

SCALE: 1"=30'-0"



EROSION CONTROL LEGEND:

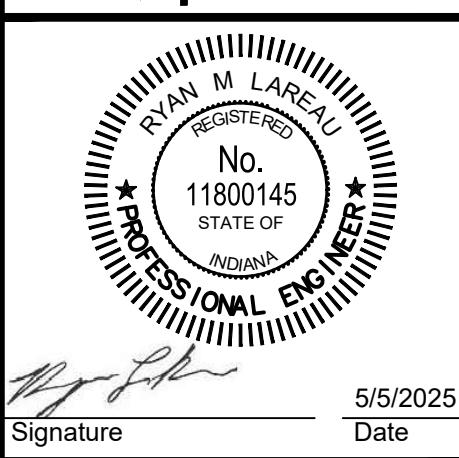
IP INLET PROTECTION

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 DRAWINGS MD3 AND MD4 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.



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JASPER COUNTY, INDIANA
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No.	Submittal / Revision	By	Date

Designed By: RL
Drawn By: JDH
Checked By: AR
Issue Date: 5/5/2025
Project No: W22136
Scale: AS SHOWN

SERVICE
REPLACEMENT PLAN
VIEW

Drawing No:
C1-15
Sheet: 19 OF 24

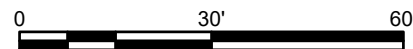
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FOR CONTINUATION SEE DWG C1-15



PLAN VIEW

SCALE: 1"=30'-0"



EROSION CONTROL LEGEND:

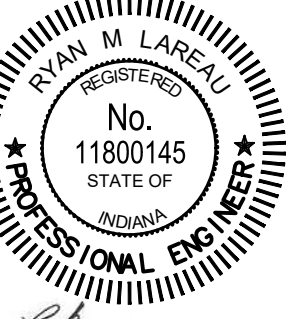
(IP) INLET PROTECTION

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- SEE DRAWINGS MD3 AND MD4 FOR EROSION CONTROL DETAILS.

GENERAL NOTES:

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Signature: Ryan M. Lareau Date: 5/5/2025

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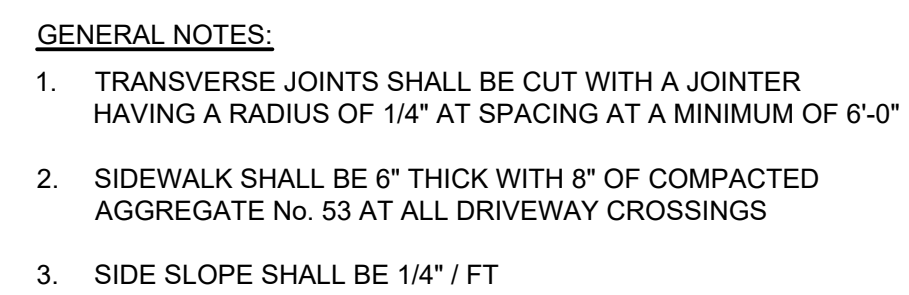
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SERVICE
REPLACEMENT PLAN
VIEW

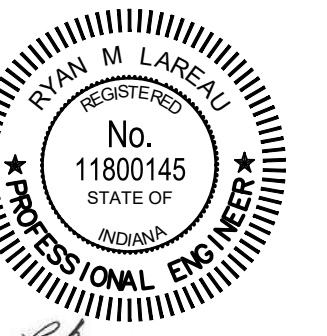
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C1-16

Sheet: 20 OF 24



TYPICAL CONCRETE DEPRESSED
CURB AND GUTTER DETAIL
SCALE: N.T.S.



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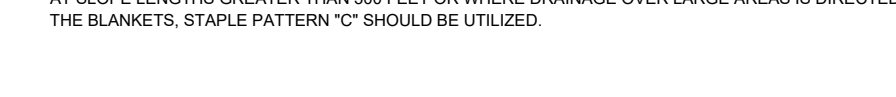
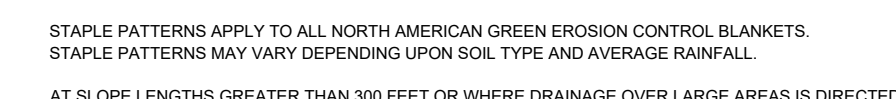
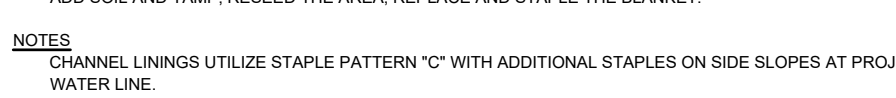
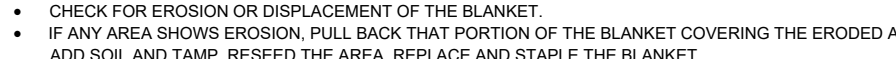
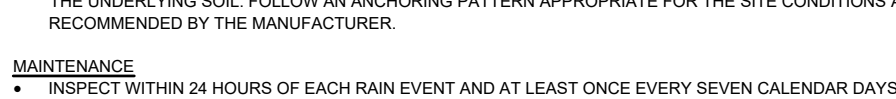
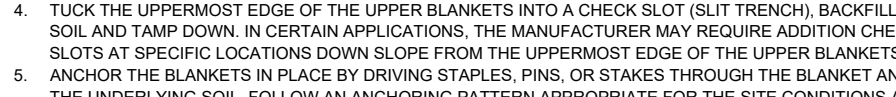
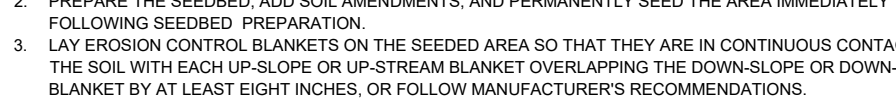
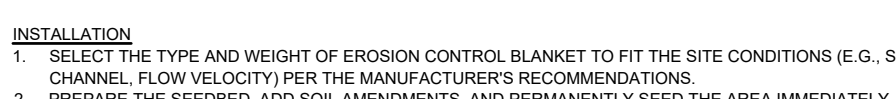
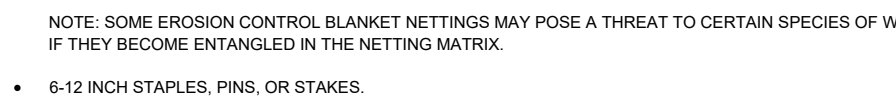
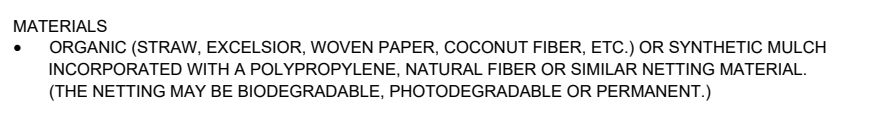
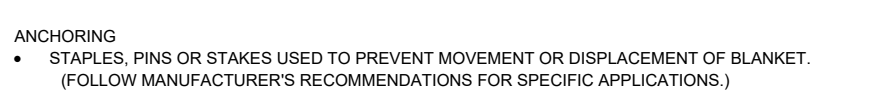
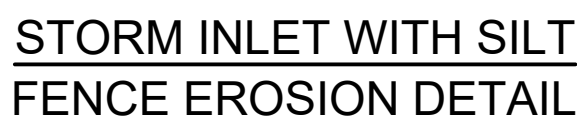
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Issue Date: 5/5/2025	Project No: W22136	Scale: AS SHOWN

MISCELLANEOUS DETAILS

Drawing No:
MD2

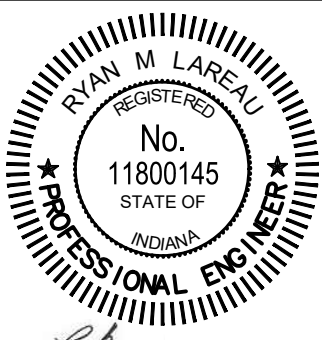


GENERAL EROSION AND SEDIMENT CONTROL NOTES

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED, CLEANED, AND MAINTAINED FOLLOWING EACH STORM EVENT.
8. WHEREVER POSSIBLE, MAINTAIN EXISTING VEGETATIVE COVER. USE NON-VEGETATIVE MATERIAL INCLUDING MULCH, EROSION BLANKETS, OR STONE TO CONTROL EROSION FROM DISTURBED AREAS.
9. 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.



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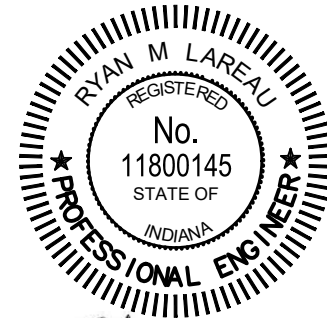
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MISCELLANEOUS DETAILS

Drawing No:
MD3

Sheet: 23 OF 24



	5/5/2025
Signature	Date

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MISCELLANEOUS DETAILS

Drawing No:

MD4

Sheet: 24 OF 24