

GENERAL NOTES

THE FOLLOWING GENERAL NOTES ARE APPLICABLE TO THE ENTIRE SET OF PLANS, AND ARE NOT SHOWN ON EACH INDIVIDUAL SHEET. HOWEVER, THIS DOES NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY FOR THESE ITEMS IN ALL AREAS.

GENERAL NOTES

1. THE UTILITIES AND THEIR LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AND VERIFY ALL UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING UTILITY WORK, INCLUDING POLE RELOCATION, AS REQUIRED TO MEET THE PROJECT SCHEDULE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO AVOID EXISTING UTILITIES AND PERFORM ANY REQUIRED REPAIRS. IN ADDITION TO ALL UTILITY LINES, THE CONTRACTOR SHALL AVOID AND REPAIR ANY DAMAGE TO BURIED FIBER OPTIC CABLE, FIELD DRAINAGE TILES, AND PRIVATE IRRIGATION SYSTEMS. THE CONTRACTOR SHALL NOTIFY THE OWNER WHEN UTILITIES OR OTHER SUBSURFACE LINES ARE DAMAGED.
2. UTILITY POLES ARE SHOWN ON THE PLANS, BUT OVERHEAD LINES HAVE BEEN OMITTED FOR CLARITY. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF OVERHEAD OBSTRUCTIONS, ESPECIALLY OVERHEAD ELECTRIC LINES.
3. THE CONTRACTOR IS RESPONSIBLE FOR RELOCATING, ADJUSTING, AND/OR HOLDING ANY UTILITY LINE AND/OR ASSOCIATED SERVICE POLE, OR DOWN GUY AT HIS OWN EXPENSE. HE SHALL ALSO BE RESPONSIBLE TO CONTACT ANY UTILITY OWNER AS NECESSARY TO RESOLVE ALL UTILITY CONFLICTS INCURRED DURING THE COMPLETION OF HIS CONSTRUCTION OPERATIONS
4. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DISTURBANCE, DAMAGE, OR REMOVAL OF EXISTING TREES/VEGETATION WITHIN CONSTRUCTION LIMITS, INCLUDING CANOPIES, TRUNKS, AND ROOTS. IF DAMAGE OR REMOVAL IS NON-AVOIDABLE, CONTRACTOR SHALL OBTAIN APPROVAL FROM OWNER PRIOR TO INSTALLATION WITHIN AFFECTED AREA.
5. ALL DISTURBED GRASS AREAS SHALL BE RESTORED WITH TOPSOIL, SEED MIX AND STRAW AS PER SPECIFICATIONS SECTION 02920. ALL DISTURBED AREAS SHALL BE RESTORED TO EQUAL TO OR BETTER THAN ORIGINAL CONDITIONS. RESTORATION SHALL BE PERFORMED TO THE SATISFACTION OF THE OWNER, THE ENGINEER, OR THEIR REPRESENTATIVES.
6. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL APPLICABLE CODES, SPECIFICATIONS, LOCAL ORDINANCES, INDUSTRY STANDARDS, AND UTILITY COMPANY REGULATIONS.
7. HORIZONTAL OR VERTICAL BENDS, WHERE NOTED ON THE DRAWINGS, ARE PROVIDED FOR CLARIFICATION PURPOSES ONLY, AND ARE NOT ALL-INCLUSIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING QUANTITY, LOCATION, AND ORIENTATION OF BENDS AND OFFSETS ALONG FORCE MAIN ROUTE TO MAINTAIN ALIGNMENT, MINIMUM DEPTH OF COVER AND MINIMUM REQUIRED CLEARANCES FROM EXISTING AND PROPOSED UTILITIES. AS WELL AS MINIMUM PIPE BENDING RADIUS AND JOINT DEFLECTION REQUIREMENTS FOR THE PIPE AND FITTINGS BEING USED.
8. CONTRACTOR SHALL CLEAN STREETS OF CONSTRUCTION DEBRIS DAILY TO THE SATISFACTION OF THE OWNER AND ENGINEER. CONTRACTOR SHALL FURTHER ENSURE THAT AT LEAST ONE LANE OF TRAFFIC IS OPEN AT ALL TIMES DURING CONSTRUCTION ALONG ROADWAYS UNLESS THE CONTRACTOR HAS WRITTEN APPROVAL AND AN APPROVED TRAFFIC MAINTENANCE PLAN. CONTRACTOR SHALL NOT CLOSE ANY LANE OF A STATE HIGHWAY WITHOUT INDOT APPROVAL.
9. CONTRACTOR SHALL NOTIFY OWNER, ENGINEER, LAW ENFORCEMENT & EMERGENCY SERVICES, SCHOOL DISTRICT, TRASH PICK-UP SERVICE, AND AFFECTED RESIDENTS 48 HOURS PRIOR TO TEMPORARILY CLOSING ANY LANES OF TRAFFIC, INCLUDING PRIVATE DRIVEWAYS. PRIVATE DRIVEWAYS TO BE DISTURBED AND REPAIRED SHALL NOT BE SHUT DOWN LONGER THAN 8 HOURS. TRAFFIC SHALL BE BARRICADED FROM DRIVEWAY OR DRIVEWAY SHALL BE STEEL PLATE SPANNED TO ALLOW FOR MINIMUM CURING TIME. COMPLY WITH CITY REQUIREMENTS TO RECEIVE PERMIT APPROVAL FOR ALL WORK WITHIN CITY RIGHT-OF-WAY.
10. STREET LINES AND PROPERTY LINES SHOWN ON THIS PLAN ARE NOT THE RESULT OF DEED RESEARCH BUT TO BE CONSIDERED APPROXIMATE AND FOR REFERENCE ONLY.
11. UNLESS OTHERWISE NOTED, HORIZONTAL DIMENSIONING OF NEW FORCEMAIN ARE REFERENCED OFF THE EXISTING CENTERLINE OF ROAD (OR TRAIL OR RAILROAD) AND NEW FORCE MAIN SHALL BE INSTALLED AT THE UNIFORM HORIZONTAL DISTANCE BETWEEN SUCCESSIVE HORIZONTAL DIMENSIONS AS SHOWN ON THE PLANS. BASELINE STATIONING IS ALONG THE CENTERLINE OF THE NEW FORCEMAIN.
12. LIMITS OF CONSTRUCTION SHALL BE MAINTAINED WITHIN RIGHT-OF-WAY, DENOTED EASEMENTS AND PERMITTED AREAS. THERE ARE FOUR (4) DENOTED AREAS ALONG THE ROUTE OF THE 16" FORCEMAIN THAT ARE WITHIN IDENTIFIED ARCHEOLOGICAL AREAS. IN THESE AREAS THE CONTRACTOR SHALL ERECT SILT FENCES AT THE CONSTRUCTION LIMITS NOTED AND ONLY DISTURB THE SURFACE WITHIN THE CONSTRUCTION LIMIT AREA. THE CONTRACTOR SHALL INSURE THAT CONSTRUCTION DOES NOT DAMAGE ADJACENT PUBLIC OR PRIVATE PROPERTY. MAIN LINE EASEMENTS SHOWN ON THE DRAWINGS TYPICALLY INCLUDE TEMPORARY CONSTRUCTION EASEMENTS. OTHER TEMPORARY EASEMENTS, IF NECESSARY, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

13. VERTICAL DATUM = NAVD 1988, U.S. SURVEY FEET; HORIZONTAL DATUM = NAD 1983 INDIANA STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. ALL INFORMATION REGARDING HORIZONTAL AND VERTICAL CONTROL ARE BASED ON BEST INFORMATION AVAILABLE UTILIZING RECORD DRAWINGS OF THE SITE. THE ENGINEER DOES NOT GUARANTEE OR ASSURE THAT SUCH INFORMATION IS TRUE. THE CONTRACTOR SHALL DETERMINE WHICH CONTROLS CONFLICT WITH HIS WORK AND VERIFY THOSE ELEVATIONS, ETC. AND ADJUST HIS WORK ACCORDINGLY TO MAINTAIN PROPOSED ELEVATIONS RELATIVE TO THOSE VERIFIED, AND NOTIFY THE ENGINEER OF ANY SUCH CHANGE FOR APPROVAL.
14. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE APPROPRIATE AGENCY HAVING AUTHORITY SUCH AS MADISON COUNTY HIGHWAY DEPARTMENT. AND ANY OTHER UNDERGROUND UTILITIES WITHIN THE PROJECT AREA.
15. UNLESS OTHERWISE NOTED ON THE PROFILE DRAWINGS AS A MINIMUM CLEARANCE, THE DEPTHS INDICATED ARE FOR REFERENCE ONLY. MINIMUM DEPTH OF COVER OF PROPOSED FORCEMAIN IS 5 FEET FOR ALL OPEN CUT INSTALLATIONS AND 5 FEET FOR ALL HORIZONTAL DIRECTIONAL DRILLING INSTALLATIONS. CONTRACTOR SHALL VARY DEPTH OF PROPOSED FORCEMAIN (NOT TO EXCEED 7 FT. MAX. COVER, DEPTH WITHOUT PRIOR APPROVAL FROM ENGINEER AND OWNER) AS NECESSARY TO AVOID EXISTING UTILITIES, TRANSITION BETWEEN OPEN CUT TO HORIZONTAL DIRECTIONAL DRILLING AND OTHERWISE AVOID CREATION OF HIGH SPOTS ALONG ROUTE, EXCEPT WHERE AIR RELEASE VALVES ARE SHOWN ON DRAWINGS.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AN 18" MINIMUM VERTICAL SEPARATION OR A 10' MINIMUM HORIZONTAL SEPARATION BETWEEN STORM SEWER LINES, SANITARY SEWER LINES AND WATER MAINS, UNLESS OTHERWISE NOTED. PRIOR TO ANY COMPROMISE OF THESE REQUIREMENTS, WRITTEN APPROVAL SHALL BE OBTAINED FROM THE OWNER. IN THE EVENT THE SPECIFIED SPACING CANNOT BE IMPLEMENTED, PROPOSED JOINTS SHALL BE LOCATED AS FAR AS POSSIBLE FROM THE CONFLICT WHENEVER POSSIBLE. ALL UTILITY CROSSINGS SHOULD MAINTAIN MINIMUM OF 12" CLEARANCE..
17. ALL BENDS, VALVES, TEES AND FITTINGS SHALL BE RESTRAINED AS NEEDED PER THE FIELD CONDITIONS, SOIL TYPES AND PIPE MATERIAL BEING USED.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING FLOW AND PROVIDING BYPASS PUMPING AS REQUIRED DURING CONSTRUCTION OPERATIONS. SUCH FLOW SHALL BE MONITORED SO AS NOT TO ALLOW SEWAGE BACK-UP WHICH MAY CAUSE PROPERTY DAMAGE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGE INCURRED AND MUST MAKE RESTITUTION WITH ANY AFFECTED PROPERTY OWNER(S).
19. THE EXISTING GRAVITY SEWERS, LIFT STATIONS & FORCEMAINS SHALL REMAIN IN CONTINUOUS SERVICE THROUGHOUT THE CONSTRUCTION PERIOD UNTIL SUCCESSFUL START-UP OF THE PROPOSED FACILITIES. CONTRACTOR SHALL PROVIDE CONTINUOUS ON-SITE SUPERVISION OF ANY BYPASS PUMPING OPERATIONS THAT OCCUR DURING CONSTRUCTION & NON-CONSTRUCTION HOURS. PROPOSED BYPASS SYSTEM SHALL INCLUDE EMERGENCY STANDBY/BACK-UP PROVISIONS AND SHALL BE APPROVED BY THE OWNER AT LEAST TWO (2) FULL WORKING DAYS IN ADVANCE OF INITIATING ANY BYPASS OPERATIONS. REFER TO SPEC. SECTION 01125.
20. EXISTING PIPELINE MATERIALS ARE NOT KNOWN FOR ALL LOCATIONS OF CONSTRUCTION. CONTRACTOR SHALL PROVIDE ALL NECESSARY FITTINGS, GASKETS, APPURTENANCE, ETC. WHICH ARE REQUIRED TO MAKE A COMPLETE CONNECTION.
21. FCWRD WILL BE RESPONSIBLE FOR CLOSING ALL VALVES ON EXISTING SYSTEM. THE CONTRACTOR SHALL COORDINATE ALL WORK EFFORTS WITH THE OWNER.
21. THE CONTRACTOR SHALL REPAIR ANY DAMAGES CAUSED BY CONSTRUCTION EQUIPMENT, TRUCKS, ETC. THIS INCLUDES BUT IS NOT LIMITED TO ASPHALT TRAIL, ROADS, SIDEWALKS, ETC.

UTILITIES

ELECTRIC
CITY OF ANDERSON LIGHT AND POWER
765-648-6480

GAS
VECTREN ENERGY
1-800-227-1376

CABLE/PHONE/INTERNET
COMCAST
317-774-3384

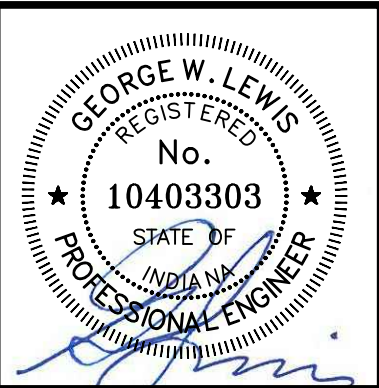
AT&T DISTRIBUTION
260-358-4507

ROADS
MADISON CO HIGHWAY DEPT: 765-646-9240

SEWER
FALL CREEK REGIONAL WASTE DISTRICT
765-778-7544

DRAWING INDEX

SHEET NUMBER	SHEET TITLE
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CLIENT PROJECT NO. --
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DRAWING INDEX
AND GENERAL NOTES
BABY FARMS LIFT STATION AND FORCE MAIN IMPROVEMENTS
FALL CREEK REGIONAL WASTE DISTRICT

REVISIONS	DESIGNED	GWL	DRAWN	JAJ	REVIEWED	JPT	APPROVED	GWL
	NO	DATE	DATE					
	DESCRIPTION							
	SCALE CHECK: THIS MARK SHOULD MEASURE EXACTLY 1" WHEN PLOTTED							
DATE: NOVEMBER 2017								
SCALE: N.T.S.								
SHEET NO.								
G-01								