

Revised Dated 5-16-16

**BOONE COUNTY, ILLINOIS**

Bid Requirements for RCI-16-05  
(Bid Number)

**Material(s) or Services:**

1. Connection of a septic tank and line to an existing septic field.
2. Installation of a new 6" X 4.5" well approximately 520' deep.

Location: New Animal Services Building located at 4546 Squaw Prairie Road, Belvidere, Illinois 61008.

\*\*Contractor may bid on either project individually or both projects collectively.\*\*

Bid Closing Date and Time: June 2, 2016, 2 PM

**Address to Submit Bids:** Office of the Boone County Clerk  
1212 Logan Avnue, Suite 103  
Belvidere, Illinois 61008

1. No bid will be accepted after the scheduled bid closing time.
2. All bids must include all taxes or fees that are applicable to Boone County. State sales taxes are not applicable and must be excluded.
3. Bid price(s) should include freight to the Boone County delivery address:  
**1212 Logan Avenue, Suite 103, Belvidere, IL, Office of the Boone County Clerk.**

Title to the purchased goods does not pass until the items actually have been received by the purchaser. Prices shall be stated in units, each, pounds (lbs.), etc. if necessary, and in case, of computational conflicts, the unit price shall govern.

4. All prices and notations must be clearly written, and preferably in ink or typewritten. Errors may be crossed out and corrections inserted, but the corrections must be initialed in ink by the person signing the proposal.
5. Bidders must be sure to specify any terms, which they wish to offer on the bid form, including any discounts.
6. Bidders must state brand names and/or manufacturer of each item proposed in each bid. Guarantee and/or warranty information also must be included.
7. Time of delivery must be stated on each bid. If time varies on different items, the bidder shall so state.
8. The Boone County Board is governed by a State of Illinois Act regulating wages of laborers, mechanics and other workmen employed in any public works, and all bidders shall comply with the prevailing wage ordinance as adopted by the Board.
9. The following minimum insurance coverage shall be held by the contractor, and any subcontractors, and all carriers shall have an A.M. Best rating of no less than A - 6:

**A. Workers' Compensation**

<u>Coverage A:</u>	<u>Statutory</u>
Coverage B:	\$500,000 Each Accident
	\$500,000 Each Employee
	\$500,000 Policy Limit

**B. Comprehensive General Liability Insurance**

General Aggregate	\$	2,000,000	
Products/Completed Operations Occurrence	\$	1,000,000	Per
Personal & Advertising Injury Occurrence	\$	1,000,000	Per
Each Occurrence	\$	1,000,000	
Fire Damage (Any One Fire)	\$	100,000	
Medical Expenses	\$	10,000	

Coverage will include:

- Blanket Contractual
- Employees as Insured
- Broad Form Property Damage

**C. Comprehensive Automobile Liability Insurance**

Combined Single Limit	\$	1,000,000
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1. All owned, hired, or non-owned vehicles including the loading or unloading thereof.

**D. Umbrella/Excess Liability Insurance**

Limits of Liability:

Each Occurrence	\$	2,000,000
Aggregate	\$	2,000,000

1. In addition to the insurance coverage set forth in the contract documents, the Contractors shall maintain an Umbrella/Excess Liability policy with coverage for the same perils as covered under the primary policies, including any special requirements.

10. Bidders shall hold Boone County, its officers, agents, and employees, harmless from liability of any nature or kind on account of use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, article or appliance furnished or used under this bid call. The vendor, upon award of a contract, may be required to furnish a Certificate of Insurance, naming Boone County as an additional insured, prior to the signing of any purchase arrangement.

11. The vendor shall agree to save and hold harmless and defend Boone County from and against any or all claims, demands, suits, and liability for death or injury to any person or damage to or loss of property, which injury, loss, or damage is caused by or arises out of the execution of this contract or agreement.
12. The successful bidder is specifically denied the right of using in any form or medium the name of Boone County for public advertising unless express permission is granted by Boone County.
13. The County reserves the right to accept or reject all bids.
14. Bidders shall include a minimum of three (3) references with their bid.

If questions, contact: Ken Terrinoni, County Administrator  
1212 Logan Avenue, Suite 102  
Belvidere, Illinois 61008  
(815) 547-4770 KTBoone@boonecountyil.org

## Specifications for New Well

Date: \_\_\_\_\_

Bid Submitted To: Boone County Government  
 1212 Logan Ave.  
 Belvidere, IL 61008  
 815-547-4770

Bid Submitted By: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Job Location: Animal Shelter/Highway Department  
 Rt. 76 / Squaw Prairie Rd.  
 Belvidere, IL 61008

*Distance from Animal Services Building is approximately 105 linear feet*

*Size to Well 1 1/2" Poly SDR9 200 PSI HDPE (revised 5-16-16)*

We hereby submit specifications and estimates for: 6" x 4 1/2" well installed.

	<u>Totals</u>
Drill 10 3/4" hole with 6" Black Steel casing approx. 280' @ \$___ per foot...	\$
Pressure grouting of casing to state code.....	\$
Drill 5 7/8" hole to 330' – approx. 50' @ \$___ per foot.....	\$
Set approx. 300' of 4 1/2" sch 17 pvc pipe @ \$___ per foot.....	\$
Drill 4 1/2" hole to 530' – approx. 200' @ \$___ per foot.....	\$
6" x 4 1/2" Griffith K-Packer.....	\$
Fuel Surcharge.....	\$
Baker Pitless with Cap – 5PS67PBWEOCO.....	\$
1 1/2 hp Grundfos Constant Pressure system w/CB 15SQE15C-290-17gpm....	\$
Approx. 100' of 1 1/4" PVC Drop Pipe @ \$___ per foot.....	\$
Approx. 105' of 12/2 wire w/gr flat jacketed @ \$___ per foot.....	\$
Connection of water & wire line from well to building.....	\$
WX-102 Pressure Tank.....	\$
Manifold and Bracket.....	\$
Miscellaneous Fittings.....	\$
Labor to install.....	\$

*All landscaping must be returned to original condition after job completion.*

*Please refer to attached drawing for approximate location.*

**Specification to Connect to Existing Septic Field**

Date: \_\_\_\_\_

Bid Submitted To: Boone County Government  
1212 Logan Ave.  
Belvidere, IL 61008  
815-547-4770

Bid Submitted By: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Job Location: Animal Shelter/Highway Department  
Rt. 76 / Squaw Prairie Rd.  
Belvidere, IL 61008

We hereby submit specifications for connection to an already existing septic field located on the east side of Maple Crest Care Centre.

1. Approximately 303 linear feet.
2. Minimum 1000 gallon septic tank.
3. Specify method and materials whereby new installation should connect to existing field.
4. All components must meet Illinois Department of Public Health and Boone County Private Sewage Disposal Code.
5. 35 linear feet of 6" diameter schedule 40 PVC sleeve under existing roadway.

*All landscaping must be returned to original condition and any driveway road must be restored to original condition (less asphalt) after job completion.*

*Please refer to attached drawing for approximate location.*

**Bid Totals**

**1. Total Price: Well Installation.....** \$ \_\_\_\_\_

Well Connection Cost..... \$ \_\_\_\_\_

*Size to Well 1 1/2" Poly SDR9 200 PSI HDPE  
(revised 5-16-16)*

Total..... \$ \_\_\_\_\_

Competition Date: \_\_\_\_\_

**2. Total Price: Septic Connection.....** \$ \_\_\_\_\_

Competition Date: \_\_\_\_\_

**Bidder has read and understands all matters related to this solicitation, and will comply with all specifications.**

\_\_\_\_\_  
Signature of Sales Representative

\_\_\_\_\_  
Date

Contact Info of Bidder: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ON THIS SHEET MENTION IS MADE TO THE "ENGINEER", WHICH SHALL MEAN C.E.S. INC., OR THEIR AUTHORIZED AGENT.

ALL WORK SHALL BE PERFORMED UTILIZING MATERIALS AND METHODS IN STRICT ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION AND ALL COUNTY AND STATE HEALTH DEPARTMENT REQUIREMENTS AND STANDARDS. ALL MUNICIPAL AGENCIES AND PUBLIC WORKS DEPARTMENT REQUIREMENTS AND STANDARDS SHALL ALSO BE STRICTLY ADHERED TO.

THE RESPONSIBILITY FOR THE REPAIR OR REPLACEMENT OF ANY UTILITY, STRUCTURE, LANDSCAPING, ETC., DAMAGED DURING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR, WITH NO EXPENSE BEING CHARGED TO THE OWNER. PRIOR TO ACCEPTANCE OF THIS REPAIR OR REPLACEMENT, THE CONTRACTOR SHALL PRESENT THE OWNER WITH A SIGNOFF LETTER, SIGNED BY A RESPONSIBLE OFFICIAL OF THE OWNER OF THE DAMAGED EQUIPMENT STATING THAT THE REPAIR IS ACCEPTABLE. THE EXISTING ROADWAY RIGHTS-OF-WAY DAMAGED DURING CONSTRUCTION ARE TO BE RESEDED AS NECESSARY AS PER COUNTY REQUIREMENTS (COST TO BE INCIDENTAL). ANY DAMAGE TO EXISTING PROPERTY, RIGHTS-OF-WAY, VALVES, MANHOLES, UTILITIES, SIDEWALK, PAVEMENT, CONCRETE CURB AND GUTTER, OR OTHER STRUCTURES SHALL BE REPAIRED OR REPLACED WITH EQUALS WITHOUT COST TO THE OWNER.

SHOULD EXISTING UTILITIES OR STRUCTURES INTERFERE WITH THE PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING THESE FACILITIES AT HIS EXPENSE TO ACCOMMODATE NEW CONSTRUCTION; SIGNOFF LETTERS WILL BE REQUIRED AS ABOVE.

FINAL INSPECTION OF THE WORK PERFORMED HEREIN WILL BE DONE BY THE OWNER; ALL DEFICIENCIES NOTED AT THAT TIME SHALL BE CORRECTED BY THE CONTRACTOR WITHOUT COST TO THE OWNER PRIOR TO FINAL PAYMENT. THE COUNTY SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE OR REJECT THE CONSTRUCTION OR IMPROVEMENTS DETAILED BY THESE PLANS AND SPECIFICATIONS. ALL WORK SHALL BE GUARANTEED WITH REGARD TO WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL APPROVAL. DEFECTS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 30 DAYS OF REQUEST FOR REPAIR.

THE CONTRACTOR SHALL NOTIFY THE OWNER AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION IN ORDER TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION. WORK PERFORMED OR MATERIALS AND EQUIPMENT INSTALLED WITHOUT INSPECTION WILL BE CONSIDERED UNACCEPTABLE, AND MAY HAVE TO BE REPLACED AT NO COST TO THE OWNER.

THE CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH ALL STATE, FEDERAL AND LOCAL CODES (TO INCLUDE SAFETY CODES). THE ENGINEER, BOONE COUNTY, AND OWNER ARE NOT RESPONSIBLE FOR ENSURING COMPLIANCE BY THE CONTRACTOR WITH SAID CODES, AND ASSUMES NO LIABILITY FOR ACCIDENTS, INJURIES, DEATHS, ETC. OR CLAIMS RELATING THERETO WHICH MAY RESULT FROM LACK OF ADHERENCE TO SAID CODES.

THE CONTRACTOR SHALL, UPON COMPLETION OF ALL CONSTRUCTION WORK INCLUDED IN THE PLANS FOR THIS PROJECT, PROVIDE A WRITTEN STATEMENT TO THE OWNER THAT ALL MATERIALS AND WORKMANSHIP INCORPORATED INTO THE PROJECT CONFORM TO THE APPROVED PLANS AND SPECIFICATIONS. COPIES OF ALL DELIVERY TICKETS FOR MATERIALS USED IN THIS PROJECT SHALL BE SUBMITTED TO THE ENGINEER WITH THE STATEMENT REQUIRED ABOVE. COPIES OF THE RESULTS OF ALL TESTS REQUIRED FOR THIS PROJECT SHALL BE DELIVERED TO THE ENGINEER. THE CONTRACTOR WILL BE REQUIRED TO SUBSTANTIATE DEPTH OF BURY FOR WATERMAIN, AND BASE COURSE AND PAVEMENT THICKNESSES. CORE-DRILLING MAY BE REQUIRED TO VERIFY THESE THICKNESSES AT THE ENGINEER'S DISCRETION. COSTS ASSOCIATED WITH THE VERIFICATION OF PROPER CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR, WITH NO EXPENSE TO THE OWNER OR HIS AGENTS.

RESTORATION OF EXISTING ROADWAYS AND RIGHTS-OF-WAY ARE CONSIDERED INCIDENTAL TO THIS CONTRACT WHERE NOT SPECIFICALLY CALLED OUT ON THE PLANS, AND SHOULD BE INCLUDED IN THE COST OF THE UNDERGROUND IMPROVEMENTS.

THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY THE COUNTY. THE CONSTRUCTION DETAILS AS PRESENTED ON THE PLANS MUST BE FOLLOWED BY THE CONTRACTOR. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED IN CONSTRUCTING IMPROVEMENTS INDICATED ON THE ENGINEERING PLAN; EXTREME CAUTION MUST BE FOLLOWED REGARDING THE COMPACTION OF ALL UTILITY TRENCHES. CONTRACTORS ARE ADVISED THAT ALL MUD AND DEBRIS MUST BE CLEANED FROM ROADWAYS DAILY.

IMPROVEMENT REPRESENTATIONS SHOWN IN THESE PLANS ARE AS ACCURATE AS POSSIBLE FROM INFORMATION AVAILABLE; SOME SLIGHT REVISIONS MAY BE REQUIRED TO ACCOMMODATE UNFORESEEN CIRCUMSTANCES. THE ENGINEER SHALL BE APPRISED OF ANY NECESSARY REVISIONS WITH SUFFICIENT LEAD TIME TO PROPERLY CONSIDER AND ACT UPON SAID REQUEST.

APPROVED TRENCH BACKFILL MATERIAL SHALL BE PLACED (AND COMPACTED IN ONE FOOT LIFTS) IN ALL UTILITY TRENCHES WITHIN THE LIMITS OF PAVEMENT AND 2 FEET BEYOND THE BACK OF THE CURB OR EDGE OF PAVEMENT. UTILITY TRENCHES NOT IN THE ROADWAY OR WITHIN 2 FEET OF THE BACK OF CURB OR EDGE OF PAVEMENT SHALL BE BACKFILLED WITH EXISTING MATERIALS AS APPROVED BY THE ENGINEER. SHOULD UNSUITABLE BACKFILL MATERIALS BE ENCOUNTERED, THE CONTRACTOR SHALL SUBSTITUTE APPROVED MATERIALS AT NO ADDITIONAL COST. COMPACTION BY WATER-JETTING IS NOT PERMISSIBLE. THE BACKFILL SHALL EXTEND TO THE SUBGRADE OF THE PAVEMENT. THE COST OF SAID BACKFILL IS CONSIDERED INCIDENTAL TO THE COST OF THE UTILITY UNLESS A SPECIFIC PAY ITEM FOR TRENCH BACKFILL IS LISTED.

IF DEWATERING IS NECESSARY TO PERFORM ANY WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN WATER SERVICE IN ANY RESIDENTIAL WELLS DRIED OR OTHERWISE ADVERSELY AFFECTED. GROUNDWATER SHALL BE PUMPED TO DESIGNATED STORM WATER CONVEYANCE FACILITIES. THE CONTRACTOR SHALL OBTAIN THE ENGINEER'S APPROVAL AS TO METHOD AND DESTINATION PRIOR TO PUMPING GROUNDWATER. GROUNDWATER SHALL NOT BE ALLOWED TO BE PUMPED INTO EXISTING OR NEW SANITARY SEWERS. THE CONTRACTOR SHALL USE ALL MEANS AT HIS DISPOSAL TO MAINTAIN A DRY TRENCH OR PIT.

ANY PERMITS REQUIRED TO PERFORM THE DEWATERING WORK ON THIS PROJECT SHALL BE SECURED BY THE CONTRACTOR; IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ANY BONDS, INSURANCE, GUARANTEES, ETC. AS REQUIRED BY SAID PERMIT. ABANDONMENT AND INSTALLATION OF DEWATERING FACILITIES SHALL BE PERFORMED IN ACCORDANCE WITH STATE AND COUNTY REGULATORY AGENCY REQUIREMENTS. THE COST OF DEWATERING THIS PROJECT SHALL BE CONSIDERED INCIDENTAL.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING THE DESIGN ENGINEER WITH ALL REQUIRED "AS-BUILT" DIMENSIONS AND OTHER DATA SO THE ENGINEER MAY PREPARE "AS-BUILT" DRAWINGS FOR BOONE COUNTY USE.

AREAS WHERE EXCAVATION HAS BEEN PERFORMED SHALL BE GRADED TO ORIGINAL. RECEIVE 4" (MINIMUM) OF APPROVED COMPACTED TOPSOIL AND SEED WITH SEEDING CLASS 1A. TOPSOIL AND SEEDING MATERIALS AND METHODS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. PRIOR TO STARTING EARTHWORK OR UTILITY TRENCHING THE CONTRACTOR SHALL STRIP THE SITE OF TOPSOIL TO A DEPTH AND TO THE LIMITS APPROVED BY THE ENGINEER; THIS MATERIAL SHALL BE STOCKPILED IN A REMOTE LOCATION OF THE SITE (APPROVED BY THE ENGINEER) UNTIL THE PLAN IMPROVEMENTS ARE COMPLETED AND EXCESS MATERIAL SPREAD AS DIRECTED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SPREAD THIS TOPSOIL MATERIAL IN AREAS OF THE SITE AS DESIGNATED BY THE ENGINEER. THE MATERIAL SHALL THEN BE COMPACTED TO A MINIMAL DEPTH OF 4" AND FINE GRADED IN A MANNER ACCEPTABLE TO THE ENGINEER. COST OF THIS OPERATION SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND SHALL BE INCLUDED IN THE UNIT PRICE BID FOR EARTH EXCAVATION.

EXISTING PAVEMENT, DRIVEWAYS, CURB, GUTTERS, SIDEWALK, ETC. TO BE REMOVED UNDER THIS CONTRACT SHALL BE SAW-CUT FULL DEPTH OR REMOVED AT A JOINT. THESE SHALL BE REPAIRED OR REPLACED AS PER PLANS OR AS NECESSITATED BY FIELD CONDITIONS WITH A STRUCTURE OF SIMILAR DESIGN, TO BE APPROVED IN ADVANCE BY THE ENGINEER AND CITY.

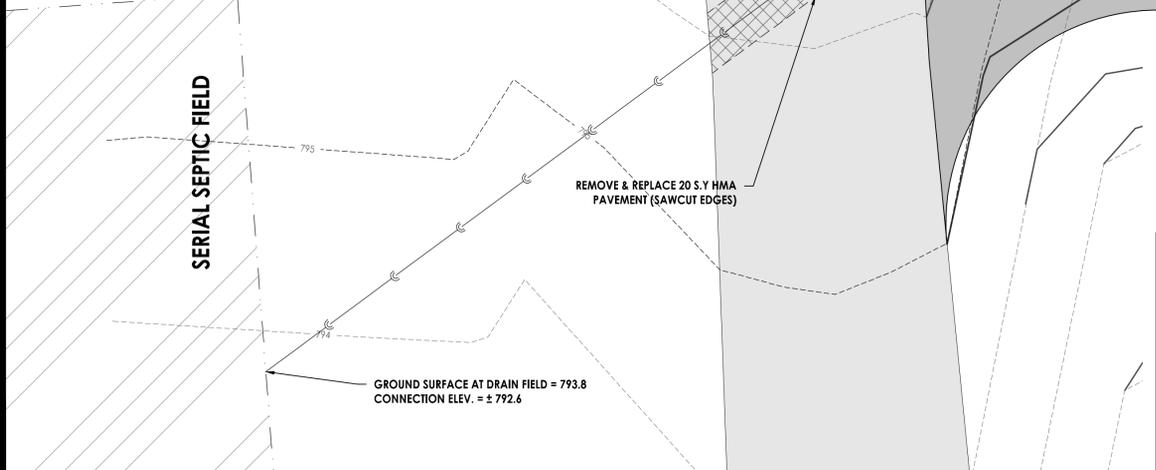
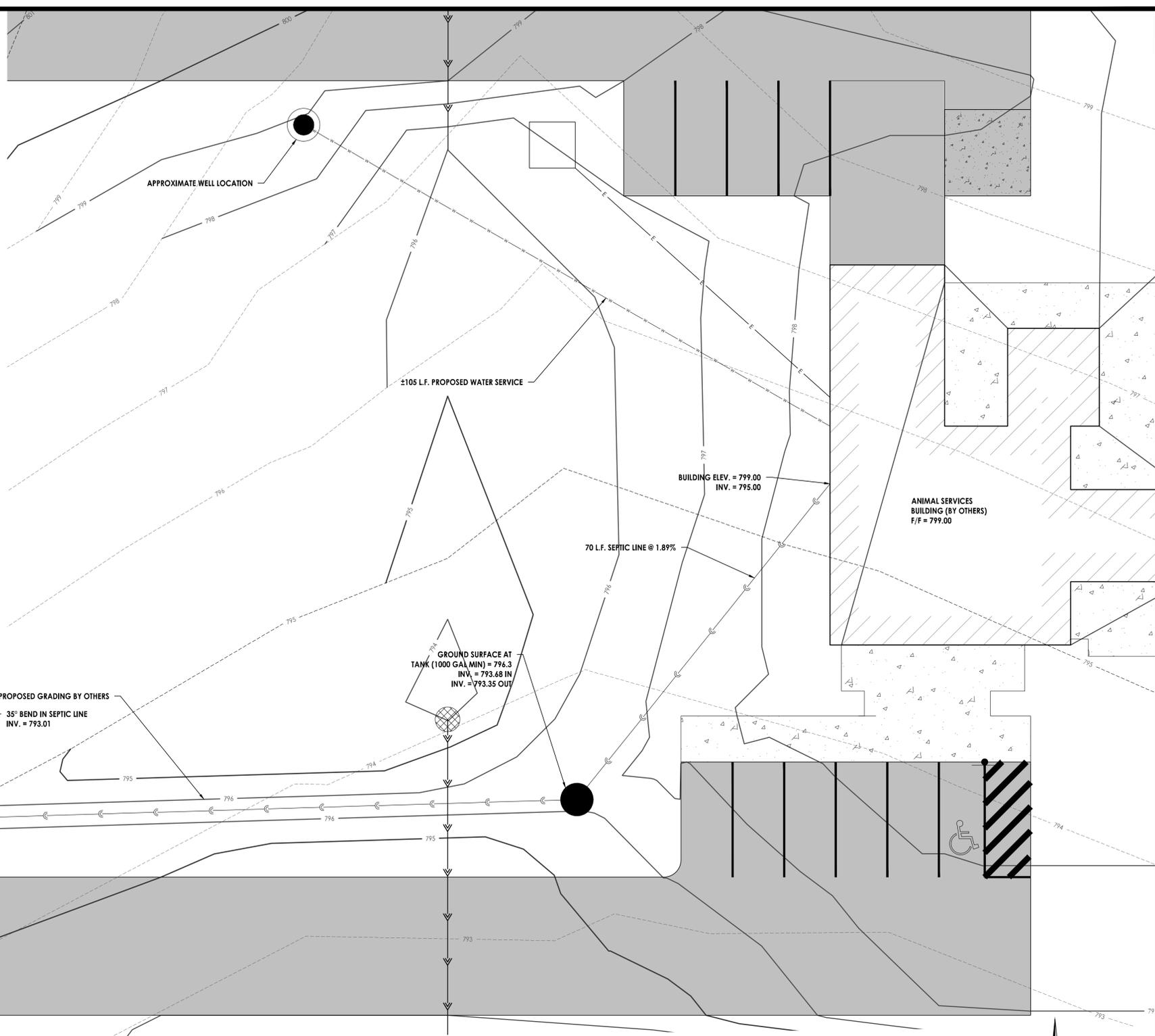
THE CONTRACTOR SHALL KEEP THE PAVEMENT FREE OF MUD AND OTHER DEBRIS AND SHALL INSTITUTE DUST CONTROL MEASURES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE REQUIRED TO PREVENT EROSION AND SILTATION OF DITCHES, CATCH BASINS, INLETS, ETC., DURING CONSTRUCTION. THE CONTRACTOR SHALL USE SILT FENCES, ETC. STAKED IN PLACE TO PREVENT EROSION AND SILTATION. THE CONTRACTOR SHALL INSPECT AND CLEAN ALL DITCHES, DRAINAGE STRUCTURES AND CONDUITS ON A DAILY BASIS. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION AND SEDIMENTATION CONTROL ACCORDING TO THE "ILLINOIS URBAN MANUAL", LATEST EDITION. THE REMOVAL OF SOME EROSION CONTROL MEASURES WHEN SURFACES ARE STABILIZED WILL BE REQUIRED. THE COST OF ALL MAINTENANCE AND UPKEEP OF EROSION CONTROL ITEMS SHALL BE INCIDENTAL TO THE COST OF THE INSTALLATION OF SAME. ITEMS NOT EXPRESSLY LISTED IN THE QUANTITIES BUT REQUIRED FOR EROSION CONTROL SHALL BE PROVIDED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER OR HIS AGENTS.

THE CONTRACTOR SHALL INSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH CONSTRUCTION DAY. SITE DRAINAGE SHALL BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER.

CONTRACTOR TO VERIFY THAT THE NOI (NOTICE OF INTENT) HAS BEEN FILED AT LEAST 30 DAYS PRIOR TO GROUND DISTURBING ACTIVITIES ON SITE.

THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE PROJECTS STORM WATER POLLUTION PREVENTION PLAN.

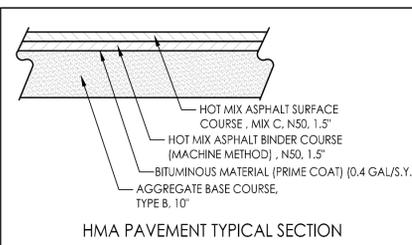
SEPTIC LINE SHALL BE PVC SCHEDULE 40, DUCTILE IRON CLASS 52 OR MATERIAL APPROVED BY OWNER & BOONE COUNTY HEALTH DEPARTMENT.



CONTACT:  
**J.U.L.I.E.**  
DIAL: 811  
PRIOR TO ANY CONSTRUCTION

**PAVEMENT LEGEND**

- EXISTING HMA TO REMAIN
- PROPOSED CONCRETE SIDEWALK BY OTHERS
- PROPOSED HMA PAVEMENT BY OTHERS
- PROPOSED CONCRETE DUMPSTER PAD BY OTHERS



CONFIRM DEPTH OF SEPTIC FIELD PRIOR TO CONSTRUCTION OF ANY SEPTIC LINES  
SEPTIC TANK SHALL BE 1000 GALLONS MINIMUM. BID AND MATERIALS MUST COMPLY WITH ILLINOIS AND BOONE COUNTY CODES



700 WEST LOCUST ST., BELVIDERE, IL 61008  
(815)-547-8435 FAX:(815)-544-0421  
ILLINOIS DESIGN FIRM NO. 184-001260

Date	Revision	By

Boone County Animal Services & Adoption Center  
Building to Septic

CHECKED BY: KCB DATE: 05/12/15	DRAWN BY: JAB DATE: 05/12/15	Sheet 1 of 1
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SEAL COVERS SHEET 1  
KEVIN C. BUNGE, PE  
EXPIRES 11/30/2017  
DATE

