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MAY 06 2019

PUBLIC SERVICE
COMMISSION

April 30, 2019

Ms. Gwen Pinson
Executive Director
Public Service Commission
211 Sower Blvd.
P.O. Box 615
Frankfort, Kentucky 40602

Re: Trimble County Water District No.1
Case No. 2017-00200

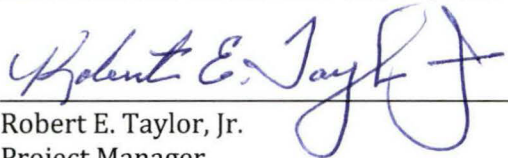
Dear Ms. Pinson:

Please be advised that Trimble County Water District No. 1 project including Contract No. 1 – New and Replacement Water Mains was substantially complete and in operation on April 5, 2018. Contract No. 2 - Repainting Town & Kings Ridge Tanks was substantially complete on September 27, 2017. Attached are the Record Drawings for the project for your files.

If you should have any questions or need additional information, please contact me at 859-251-4127.

Sincerely,

KENTUCKY ENGINEERING GROUP, PLLC


Robert E. Taylor, Jr.
Project Manager

pc: Wayne Smith, Chairman, TCWD1

P.O. Box 1034
Versailles, Kentucky 40383
Phone: (859) 251.4127
Fax: (859) 251.4137
Email: info@kyengr.com
www.kyengr.com

2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1

FOR
TRIMBLE COUNTY
WATER DISTRICT NO. 1
BEDFORD, KENTUCKY

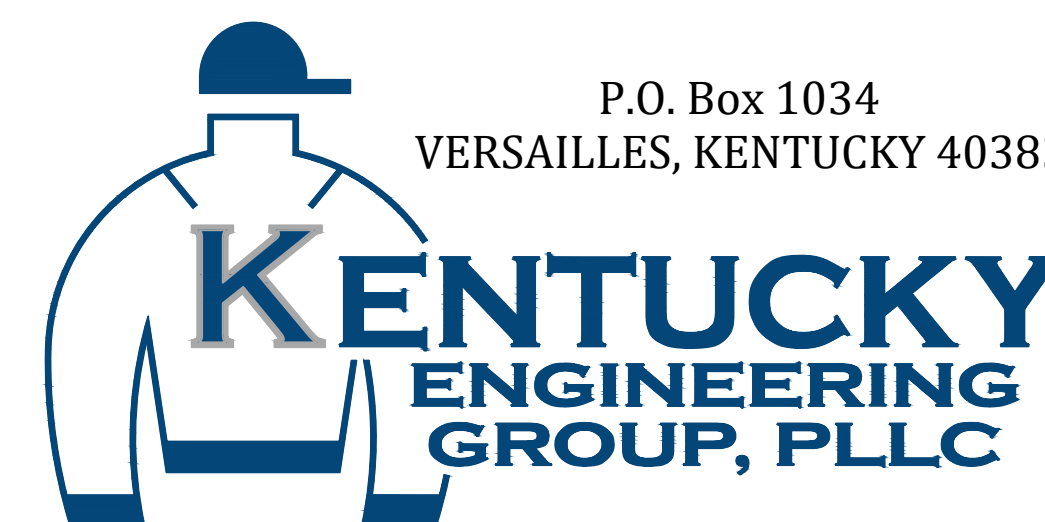
BOARD MEMBERS

WAYNE SMITH - CHAIRMAN
DOUG STARK
BEERY WELTY

GENERAL MANAGER

RANDY STEVENS

DECEMBER, 2016



PROJECT NO. 15043

RECORD DRAWINGS

TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF THIS SET OF RECORD DRAWING SHOWS THE REPORTED LOCATION OF THE WORK AND SIGNIFICANT CHANGES MADE DURING THE CONSTRUCTION PROCESS. THESE RECORD DOCUMENTS ARE BASED ON UNVERIFIED INFORMATION PROVIDED BY OTHER PARTIES WHICH WILL BE ASSUMED RELIABLE. THE DESIGN PROFESSIONAL CANNOT AND DOES NOT WARRANT THEIR ACCURACY.

BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18

BID SET

GENERAL NOTES

- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND THE ENGINEER TWO WORKING DAYS (MINIMUM) BEFORE BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH CITY, COUNTY AND STATE REQUIREMENTS.
- THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF CONSTRUCTION PLANS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION.
- EXISTING UTILITIES, ESPECIALLY GAS LINES AND OIL LINES, MAY BE CATHODICALLY PROTECTED. THEREFORE, DUCTILE IRON PIPE, FITTINGS, GATE VALVES, AND/OR BOXES LAID WITHIN 100' OF LINES WITH CATHODIC PROTECTION SHALL BE WRAPPED IN POLYETHYLENE ENCASEMENT. MATERIALS AND INSTALLATION SHALL MEET THE REQUIREMENTS OF AWWA'S LATEST REVISION.
- ALL CONSTRUCTION AND INSTALLATION OF MATERIALS BEING USED SHALL BE IN CONFORMANCE WITH THE PLANS AND SPECIFICATIONS. SUBSTITUTIONS AND DEVIATION SHALL BE PERMITTED ONLY WHEN WRITTEN APPROVAL HAS BEEN ISSUED BY THE ENGINEER.
- SHOP DRAWINGS OF ALL MATERIALS BEING USED SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- EXISTING UTILITIES HAVE BEEN SHOWN IN THEIR APPROXIMATE LOCATION. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH A REPRESENTATIVE WHEN WORKING NEAR EXISTING UTILITIES.
- THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER IMPROVEMENTS SHOWN ON THESE PLANS AND ALL OTHER UTILITIES AND OTHER IMPROVEMENTS NOT SHOWN. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR REPAIRS OF UTILITIES AND OTHER IMPROVEMENTS DAMAGED DURING CONSTRUCTION.
- UNLESS OTHERWISE NOTED, A SEPARATE BID ITEM HAS NOT BEEN ESTABLISHED FOR FITTINGS. THE FITTINGS INCLUDED BUT NOT LIMITED TO ARE: TEES, BENDS, PLUGS, REDUCERS, CROSSES, COUPLINGS, ETC. CONTRACTORS SHALL INCLUDE THE COST OF THESE ITEMS IN THE BID PRICE FOR THE PIPE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE TEMPORARY REMOVAL/RELOCATION OF TRAILERS, BUILDINGS, FENCES, TREES, SHRUBS, ETC. AND REPLACEMENT OF SAID ITEMS AFTER CONSTRUCTION ACTIVITIES.
- CONTRACTOR IS TO COORDINATE WITH THE PROPERTY OWNERS AS TO WHETHER OR NOT TEMPORARY FENCING IS REQUIRED AND CONSTRUCT IF NECESSARY.
- ALL PIPING SHALL HAVE 30" MINIMUM COVER.
- WHERE UNSTABLE MATERIAL IS ENCOUNTERED OR WHERE THE DEPTH OF EXCAVATION IN EARTH EXCEEDS FIVE (5) FEET, THE SIDES OF THE TRENCH OR EXCAVATION SHALL BE SUPPORTED BY SUBSTANTIAL SHEETING, BRACING, SHORING OR THE TRENCH SIDES SLOPED. SLOPING THE SIDES OF THE DITCH WILL NOT BE PERMITTED IN STREETS, ROADS, NARROW RIGHTS-OF-WAY OR OTHER CONSTRUCTED AREAS UNLESS OTHERWISE SPECIFIED. THE STANDARDS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT AND THE KENTUCKY LABOR CABINET SHALL BE FOLLOWED.
- ALL EXCAVATION IS UNCLASSIFIED. COMPENSATION FOR ALL EXCAVATION SHALL BE INCLUDED IN LUMP SUM BID.
- REGRADE OF SITE SHALL BE SUCH THAT DRAINAGE IS AWAY FROM ALL STRUCTURES.
- BACKFILL AROUND ALL STRUCTURES SHALL BE SUFFICIENTLY COMPACTED TO PRECLUDE SETTLEMENT AND PONDING OF WATER AROUND STRUCTURES AND GRADED TO DIVERT RUNOFF AWAY FROM THE STRUCTURES.
- DIMENSIONS, DETAILS AND REINFORCEMENT MAY VARY WITH MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL OBTAIN AND MAINTAIN ON SITE, APPROVED SHOP DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.
- ALL VALVES & HYDRANTS SHALL BE LOCATED AT THE BACKSIDE OF THE DITCHLINE.
- FINAL LOCATION OF SERVICES, VALVES, & HYDRANT ORIENTATION ARE TO BE FIELD LOCATED DURING CONSTRUCTION & APPROVED BY THE ENGINEER.
- AT THE CONTRACTORS OPTION, CLASS 350 DUCTILE IRON PIPE MAY BE SUBSTITUTED FOR ANY PIPE PARTICULARLY SPECIFIED, BUT AT NO ADDITIONAL COST TO THE OWNER.
- NO PAY ITEM FOR EXTRA TRENCH DEPTH HAS BEEN SET UP. CONTRACTOR SHALL INCLUDE THE COST OF THE ADDITIONAL DEPTH IN HIS BID PRICE.
- ROCK SOUNDINGS WERE NOT PERFORMED BY THE ENGINEER, THE CONTRACTOR SHALL TAKE APPROPRIATE ACTION TO DETERMINE SUBSURFACE CONDITIONS.
- CONTRACTOR TO DIG/EXPOSE EXISTING WATER MAIN FAR ENOUGH AHEAD OF NEW WATER MAIN CONSTRUCTION TO AVOID DAMAGE TO EXISTING WATER MAIN AND/OR INTERRUPTION OF EXISTING CUSTOMER SERVICES.
- ALL NEW SERVICE LINE FROM THE NEW MAIN TO THE SETTERS SHALL BE 3/4" PE CTS TUBING UNLESS SHOWN DIFFERENTLY ON THE PLANS
- THE MAXIMUM ALLOWABLE LENGTH OF SERVICE LINE FROM THE WATER MAIN TO THE CUSTOMER'S METER SERVICE SHALL BE AS FOLLOWS:

SERVICE LINE DIAMETER	MAXIMUM LENGTH
1 INCH	150 FEET
1-1/2 INCH	200 FEET
2 INCH	250 FEET
3/4 INCH	125 FEET

- CONNECTIONS TO EXISTING DISTRIBUTION SYSTEM SHALL BE MADE AS FOLLOWS:
 - CONNECT TO EXISTING (SIZE) W.M. (WET TAP) - CONTRACTOR SHALL PROVIDE, FURNISH AND INSTALL ALL FITTINGS, VALVES AND APPURTENANCES TO CONNECT THE PROPOSED WATER MAIN TO THE EXISTING WATER MAIN UNDER PRESSURE.
 - CONNECT TO EXISTING (SIZE) W.M. - CONTRACTOR SHALL PROVIDE, FURNISH AND INSTALL ALL FITTINGS AND APPURTENANCES TO CONNECT THE PROPOSED WATER MAIN TO THE EXISTING WATER MAIN. VALVES ARE A SEPARATE PAY ITEM.
- NO BLASTING WILL BE PERMITTED ON THIS PROJECT
- GRIP RINGS SHALL BE INSTALLED ON ALL FITTINGS
- ALL PVC CASING SHALL BE MINIMUM OF 4" LARGER THAN CARRIER PIPE
- ALL EXISTING METERS SHALL BE RECONNECTED TO NEW WATER MAINS W/ NEW 3/4" PE SERVICE LINE
- EXISTING METER ASSEMBLIES THAT DO NOT HAVE CONVENTIONAL SETTERS SHALL BE REPLACED WITH NEW SETTERS, BOX, AND LID
- OWNER WILL PROVIDE 12" McDONALD SADDLES (ONLY)
- CONTRACTOR SHALL RECONNECT TO METER ASSEMBLIES OUTSIDE OF EXISTING METER BOX UNLESS SETTER IS REQUIRED AS DETERMINED BY OWNER/ENGINEER

GENERAL NOTES (CONTINUED)

- NEW LINE AND EXISTING LINES MUST REMAIN IN SERVICE UNTIL ALL METERS ASSEMBLED HAVE BEEN REPLACED AND RECONNECTED TO THE NEW LINE
- NO METERS CAN BE RECONNECTED TO THE NEW WATER MAIN UNTIL TESTING, STERILIZATION AND SAMPLING HAS BEEN SUCCESSFULLY COMPLETED
- COPIES OF ALL BAC-T RESULTS MUST BE PROVIDED TO THE ENGINEER PRIOR TO RECONNECTS OF ANY METER.
- A NO. 12 AWG INSULATED COPPER LOCATOR WIRE SHALL BE PLACED IN THE TRENCH SIX INCHES ABOVE ALL PLASTIC LINES. THE INSULATION SHALL BE BLUE FOR WATER. THE WIRE SHALL BE LOOPED INTO ALL VALVE BOXES W/ ENOUGH SLACK TO ALLOW ACCESS TO THE LOOPS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PLUMBING PERMITS NECESSARY TO RELOCATE OR RECONNECT ANY CUSTOMERS METER SERVICE OR SERVICE LINE. THE CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY ALL FEES AND EMPLOY THE NECESSARY LICENSED PLUMBER.

FINAL CLEANUP AND RESTORATION

UNLESS SPECIFICALLY APPROVED BY THE OWNER AND ENGINEER, CLEANUP OF DISTURBED AREAS SHALL BE KEPT CURRENT WITH CONSTRUCTION AND RESTORATION EFFORTS BY THE CONTRACTOR INITIATED NO LONGER THAN SEVEN (7) DAYS AFTER THE TRENCH EXCAVATION WORK HAS STARTED. ALL EXCAVATED MATERIAL NOT REQUIRED FOR BACKFILLING OF THE TRENCH AND ANY LARGE ROCKS, STONES OR DEBRIS SHALL BE REMOVED FROM THE SITE, AND SHALL NOT BE A BURDEN TO THE PROPERTY OWNER(S) AND/OR ADJACENT PROPERTIES. THE CONTRACTOR MAY WINDROW OR TRACK-IN THE EXCAVATED MATERIAL OVER THE TRENCH PRIOR TO FINAL CLEANUP TO ALLOW FOR AND TO ASSIST IN THE INITIAL SETTLEMENT OF THE TRENCH. ALL DISTURBED AREAS MUST BE SEEDDED AT LEAST WITH A TEMPORARY SEED MIX IF FOR SOME REASON THE AREA CANNOT BE PERMANENTLY SEEDDED WITHIN TWO (2) WEEKS.

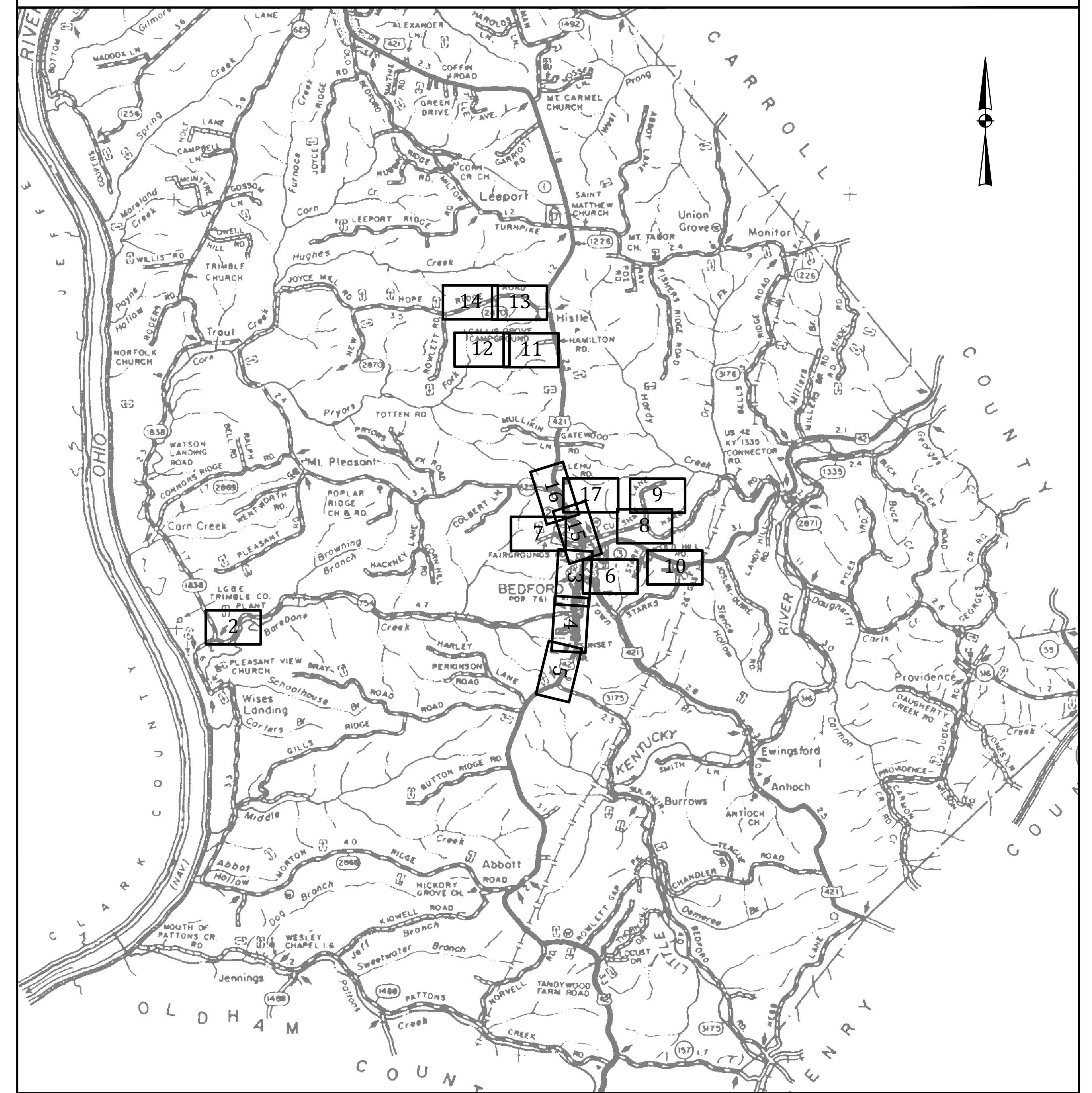
DEPARTMENT OF HIGHWAYS - GENERAL NOTES

- ALL EFFECTED KYTC DITCHLINES SHALL REMAIN FREE OF EXCESS SILT OR EROSION AND CONSTRUCTED TO THE NORMAL TYPICAL SECTION OF THE ROADWAY WITH A MINIMUM DEPTH OF 18 INCHES FROM THE SHOULDER BREAK POINT.
- ALL NECESSARY STEPS SHALL BE TAKEN TO PREVENT EROSION OR SILTATION OF THE PUBLIC RIGHT-OF-WAY, ADJOINING PROPERTY AND WATERWAYS.
- ALL VALVES TO BE FLUSH W/ EXISTING GRADE.
- ALL WATER LINE LOCATED WITHIN STATE HIGHWAY R.O.W. SHALL BE CONSTRUCTED OUT AND AROUND THE END OF ALL EXISTING CULVERTS AND HEADWALLS.
- UNDERGROUND UTILITIES INSTALLED INSIDE STATE RIGHT-OF-WAY SHALL BE LOCATED WITHIN 3-5 FEET FROM THE EDGE OF THE RIGHT-OF-WAY UNLESS OTHERWISE SHOWN ON THE PLANS.
- UNDERGROUND UTILITIES SHOWN MORE THAN 5 FEET FROM THE EDGE OF THE RIGHT-OF-WAY SHALL BE INSTALLED WITH A MINIMUM DEPTH OF COVER OF 42 INCHES WITH PRIOR APPROVAL ON A CASE BY CASE BASIS.
- UNDERGROUND UTILITIES CROSSING ANY ENTRANCE OR CROSSROAD PAVED WITH CONCRETE OR ASPHALT SURFACE INSIDE STATE RIGHT-OF-WAY SHALL BE INSTALLED BY BORING UNLESS WRITTEN PERMISSION TO OPEN CUT IS OBTAINED FROM THE PROPERTY OWNER AND APPROVED BY THE KYTC DISTRICT PERMITS ENGINEER.
- UNDERGROUND UTILITIES SHALL NOT BE INSTALLED IN EMBANKMENT FILLS OR BETWEEN EDGE OF PAVEMENT AND DITCHLINE UNLESS SPECIFICALLY NOTED ON PERMITTED PLANS.
- FIRE HYDRANTS OR UTILITY SERVICE BOXES SHALL BE LOCATED WITHIN 2 FEET FROM THE EDGE OF RIGHT-OF-WAY LINE, OR OFF RIGHT-OF-WAY.

INDEX OF DRAWINGS

SHT. NO.	DESCRIPTION
-	COVER
1	SHEET LOCATION MAP, INDEX OF DRAWINGS, UTILITIES and LEGEND
2	AERIAL PLAN - BAREBONE ROAD
3	AERIAL PLAN - US 42 OLD SLED, STONESTREET, PENDLETON, & ALEXANDER CONNECTIONS
4	AERIAL PLAN - US 42
5	AERIAL PLAN - US 42 / KY 3175 CONNECTION
6	AERIAL PLAN - ROWLETT AVENUE
7	AERIAL PLAN - FAIRGROUND ROAD
8	AERIAL PLAN - CUTSHAW ROAD
9	AERIAL PLAN - CUTSHAW ROAD
10	AERIAL PLAN - SUNNYSIDE DRIVE
11	AERIAL PLAN - WATSON LANE
12	AERIAL PLAN - WATSON LANE
13	AERIAL PLAN - NEW HOPE ROAD
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15	AERIAL PLAN - US 421
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17	TOWN TANK IMPROVEMENTS - AUTO CHLORINATOR AND MATERIALS BUILDING
18	STANDARD DETAILS
19	STANDARD DETAILS

SHEET LOCATION MAP



LEGEND

EXISTING	PROPOSED	DESCRIPTION
PVC	PVC	POLYVINYL CHLORIDE
DIP	DIP	DUCTILE IRON PIPE
WM	WM	WATER MAIN
⊕	⊕	HYDRANT ASSEMBLY
⊕	⊕	FLUSHING/BLOWOFF ASSEMBLY
△	▲	AIR RELEASE VALVE (ARV)
⊗	⊗	GATE VALVE (GV)
---	---	WATER MAIN (WM)
---	---	SPECIAL CROSSING OR CASING PIPE
---	---	WATER MAIN TO BE ABANDONED
---	---	RIGHT-OF-WAY LINE
---	---	CENTERLINE
---	---	PROPERTY LINE
---	---	EASEMENT ACQUIRED

UTILITIES

BUD - Before You Dig
1-800-752-6007
 or DIAL 811

NOTE:
 IN ACCORDANCE WITH KENTUCKY STATE LAW, ANY ACTIVITY THAT RESULTS IN MOVEMENT, PLACEMENT, BORING, PROBING OR DIGGING IN OR ON THE GROUND SHALL CONTACT THE ONE CALL CENTER FOR UNDERGROUND UTILITY LOCATIONS.

WATER DISTRICT

TRIMBLE COUNTY WATER DISTRICT NO. 1
 PHONE: 502-255-7554
 FAX: 502-255-7559

RECORD DRAWINGS
 TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF THIS SET OF RECORD DRAWING SHOWS THE REPORTED LOCATION OF THE WORK AND SIGNIFICANT CHANGES MADE DURING THE CONSTRUCTION PROCESS. THESE RECORD DOCUMENTS ARE BASED ON UNVERIFIED INFORMATION PROVIDED BY OTHER PARTIES WHICH WILL BE ASSUMED RELIABLE. THE DESIGN PROFESSIONAL CANNOT AND DOES NOT WARRANT THEIR ACCURACY.

BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18

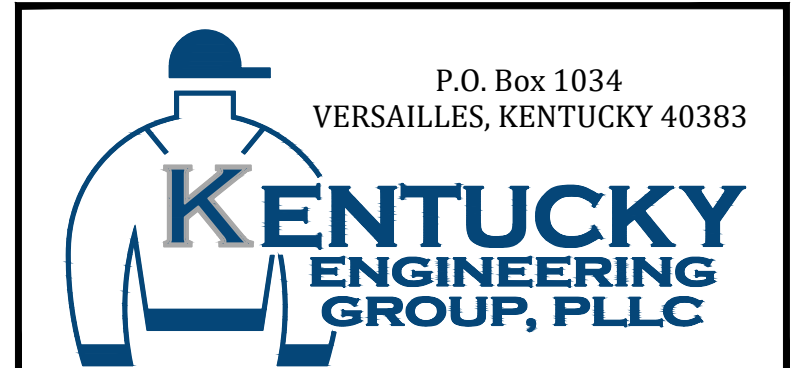
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THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE DRAWING OR TITLE BLOCK TO DETERMINE THE ACTUAL SCALE.

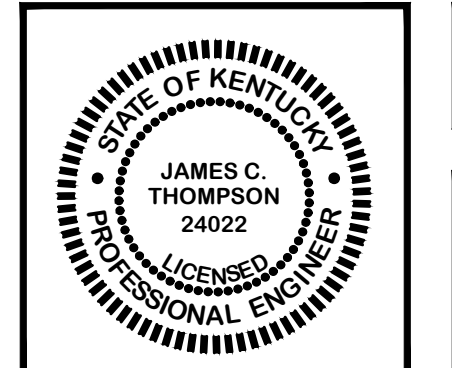
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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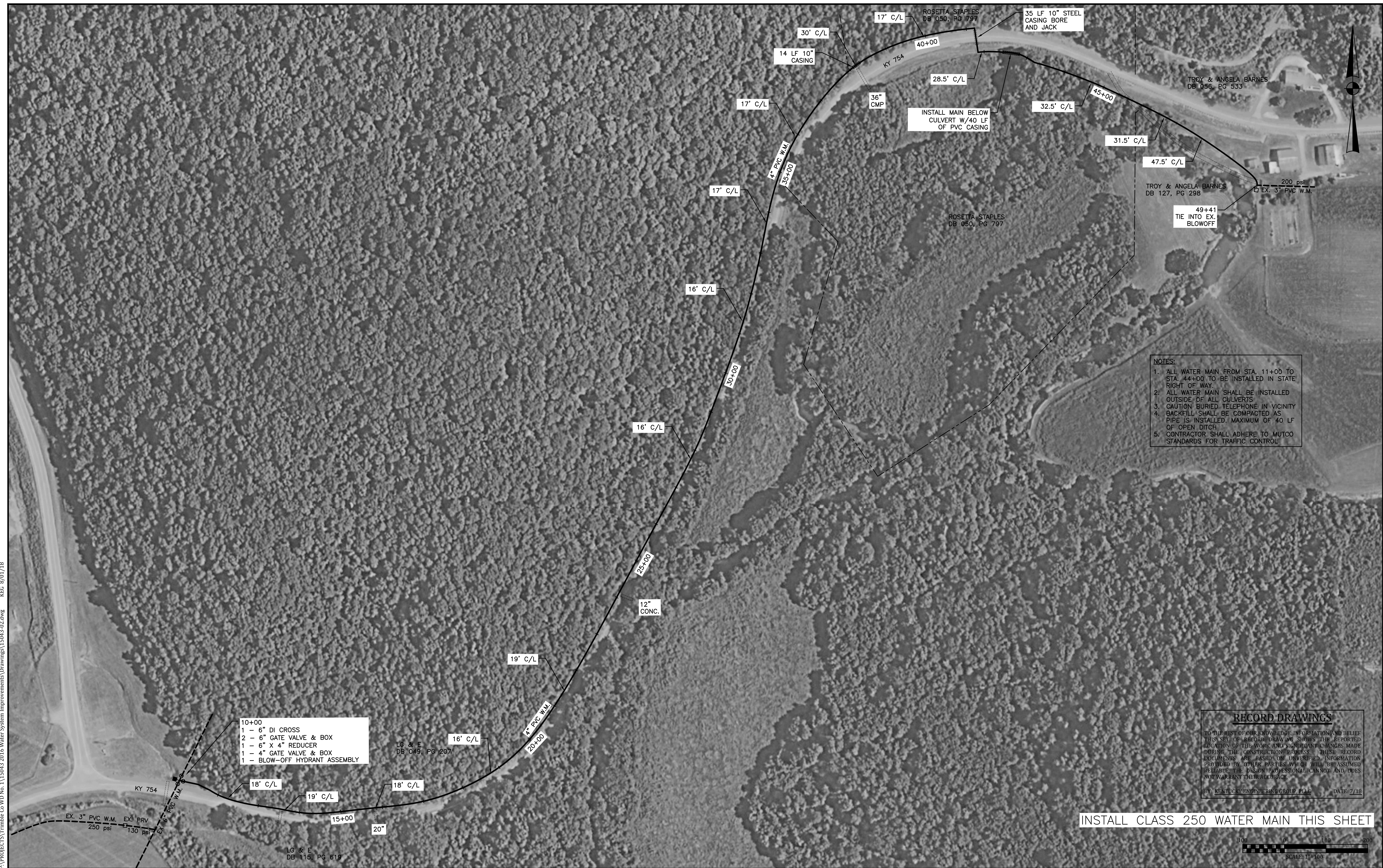
2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

SHEET LOCATION MAP, LEGEND, UTILITIES and INDEX OF DRAWINGS



PROJECT NO.	15043
SHEET NO.	1
OF 19	

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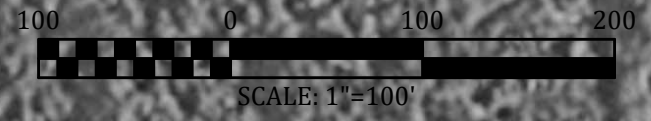


- NOTES:**
1. ALL WATER MAIN FROM STA. 11+00 TO STA. 44+00 TO BE INSTALLED IN STATE RIGHT OF WAY.
 2. ALL WATER MAIN SHALL BE INSTALLED OUTSIDE OF ALL CULVERTS.
 3. CAUTION BURIED TELEPHONE IN VICINITY.
 4. BACKFILL SHALL BE COMPACTED AS PIPE IS INSTALLED. MAXIMUM OF 40 LF OF OPEN DITCH.
 5. CONTRACTOR SHALL ADHERE TO MUTCO STANDARDS FOR TRAFFIC CONTROL.

- 10+00
 1 - 6" DI CROSS
 2 - 6" GATE VALVE & BOX
 1 - 6" X 4" REDUCER
 1 - 4" GATE VALVE & BOX
 1 - BLOW-OFF HYDRANT ASSEMBLY

RECORD DRAWINGS
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 BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18

INSTALL CLASS 250 WATER MAIN THIS SHEET

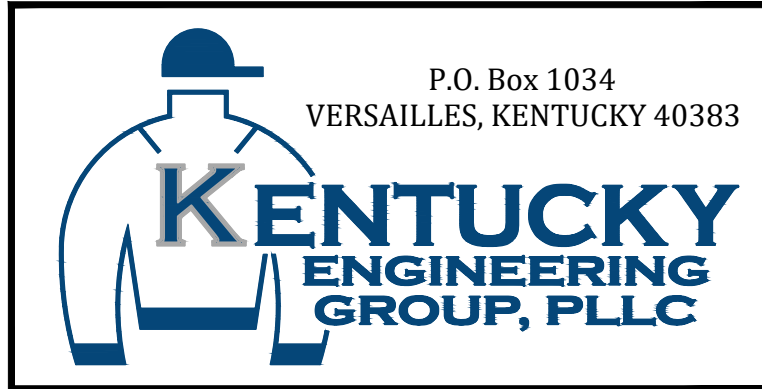


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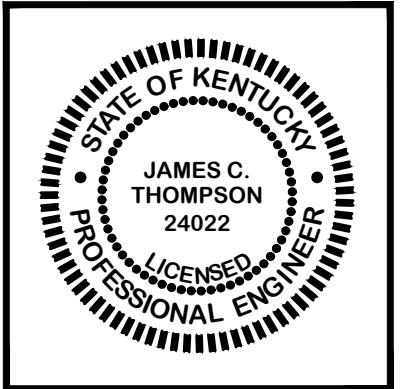
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SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
 TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
 BAREBONE ROAD



PROJECT NO.	15043
SHEET NO.	2
OF 19	



NOTES:

1. THIS IS THE ONLY CONNECTION BETWEEN THE EX. 6" AND EX. 12" WATER MAINS. CUT AND PLUG OF THIS LINE CAN ONLY BE DONE AFTER ALL METERS ON THE EX. 6" AND BRANCH LINES HAVE BEEN RECONNECTED.
2. RECONNECT ALL EXISTING METERS FROM THE EX. 6" TO THE EX. 12" BETWEEN OLD SLED ROAD AND KY 3175 PRIOR TO CONNECTING 3" BRANCH LINES.
3. CAUTION BURIED GAS MAIN AND SANITARY SEWER IN THE VICINITY.
4. CONTRACTOR SHALL NOTIFY TCWD1 MIN. 72 HOURS PRIOR TO CONNECTION OF 3" BRANCH LINES.
5. CONTRACTOR SHALL COMPLETE A MINIMUM OF 2 BRANCH LINE CONNECTIONS IN 6 HOURS.

Ⓜ RECONNECT METERS FROM EXISTING 6" WATER MAIN TO EXISTING 12" WATER MAIN. SEE GENERAL NOTES SHEET 1.

METER SYMBOL Ⓜ SHOWS PROPERTY FOR RECONNECTION BUT NOT ACTUAL LOCATION OF METER.

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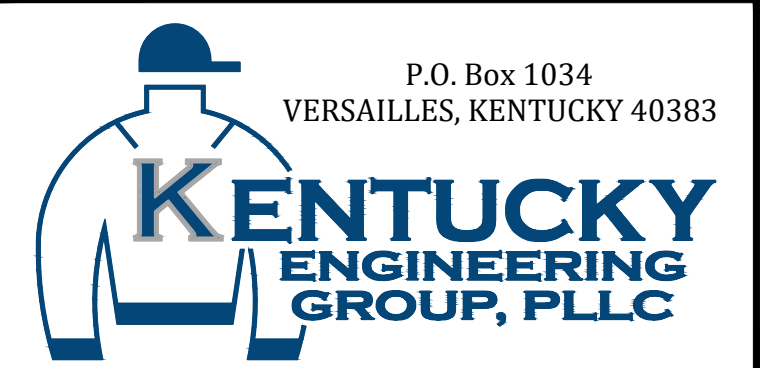
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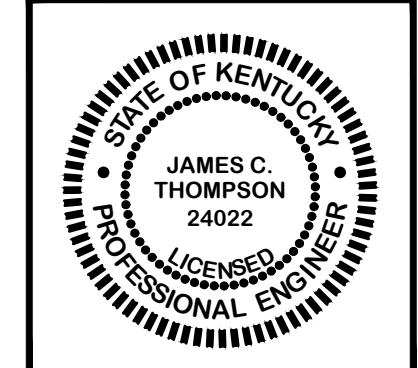
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 DRAWN BY: JAB
 CHECKED BY: LRS
 SCALE: AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
 US 42
 OLD SLED, STONESTREET,
 PENDLETON, & ALEXANDER
 CONNECTIONS



PROJECT NO.
15043

SHEET NO.
3

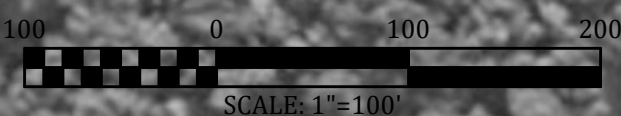
OF 19

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Ⓜ RECONNECT METERS FROM EXISTING 6" WATER MAIN TO EXISTING 12" WATER MAIN. SEE GENERAL NOTES SHEET 1.
 METER SYMBOL Ⓜ SHOWS PROPERTY FOR RECONNECTION BUT NOT ACTUAL LOCATION OF METER.

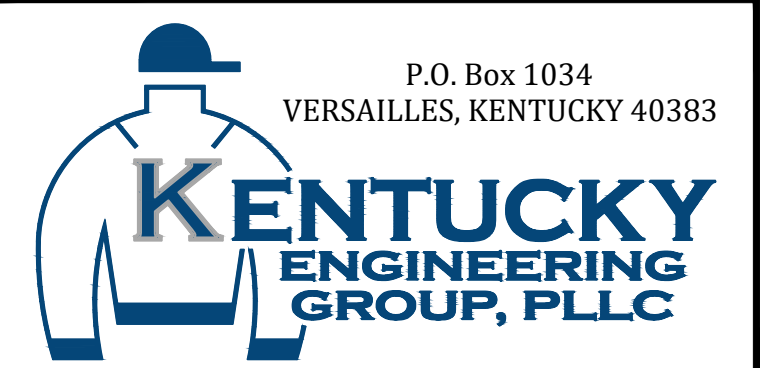
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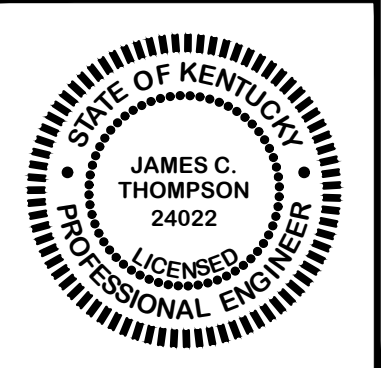
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
 TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
 US 42



PROJECT NO.	15043
SHEET NO.	4
OF 19	

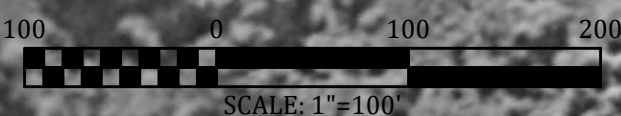
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NOTES:
 1. RECONNECT ALL EXISTING METERS FROM THE EX. 6" TO THE EX. 12" BETWEEN OLD SLED ROAD AND KY 3175.

Ⓜ RECONNECT METERS FROM EXISTING 6" WATER MAIN TO EXISTING 12" WATER MAIN. SEE GENERAL NOTES SHEET 1.
 METER SYMBOL Ⓜ SHOWS PROPERTY FOR RECONNECTION BUT NOT ACTUAL LOCATION OF METER.

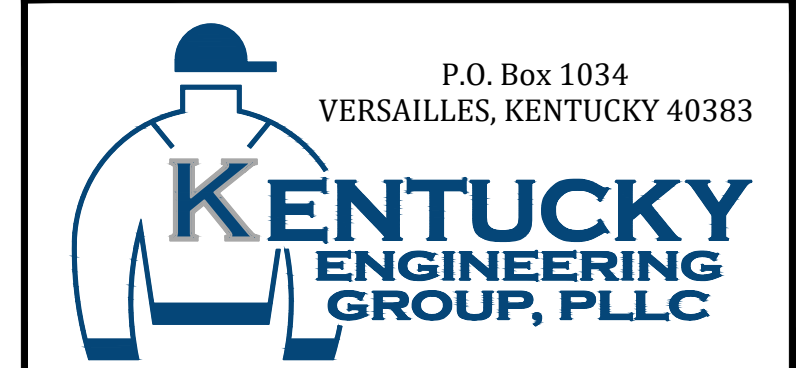
RECORD DRAWINGS
 TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF THIS SET OF RECORD DRAWING SHOWS THE REPORTED LOCATION OF THE WORK AND SIGNIFICANT CHANGES MADE DURING THE CONSTRUCTION PROCESS. THESE RECORD DOCUMENTS ARE BASED ON UNVERIFIED INFORMATION PROVIDED BY OTHER PARTIES WHICH WILL BE ASSUMED RELIABLE. THE DESIGN PROFESSIONAL CANNOT AND DOES NOT WARRANT THEIR ACCURACY.
 BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18



IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DRAWING WITHOUT WRITTEN PERMISSION FROM KENTUCKY ENGINEERING GROUP, PLLC AND ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER.
 THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE DRAWING OR TITLE BLOCK TO DETERMINE THE ACTUAL SCALE.

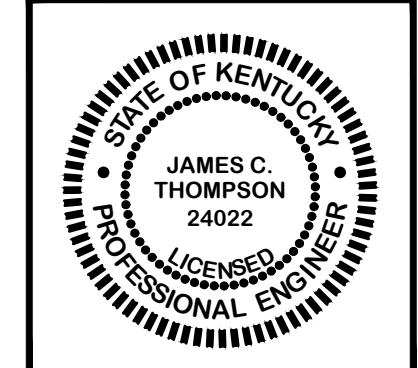
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
2016 © Kentucky Engineering Group, PLLC	



2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
US 42 / KY 3175 CONNECTION



PROJECT NO.	15043
SHEET NO.	5
OF 19	

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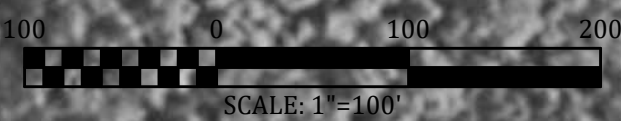


NOTES:
 1. RECONNECT EX. CUSTOMER METERS TO NEW 4" WATER MAIN.
 2. WATER MAIN SHALL BE INSTALLED WITHIN CITY R/W ON THE EDGE OF CITY STREET.

Ⓜ RECONNECT METERS FROM EXISTING WATER MAIN TO NEW WATER MAIN. SEE GENERAL NOTES SHEET 1.
 METER SYMBOL Ⓜ SHOWS PROPERTY FOR RECONNECTION BUT NOT ACTUAL LOCATION OF METER.

RECORD DRAWINGS
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 BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18

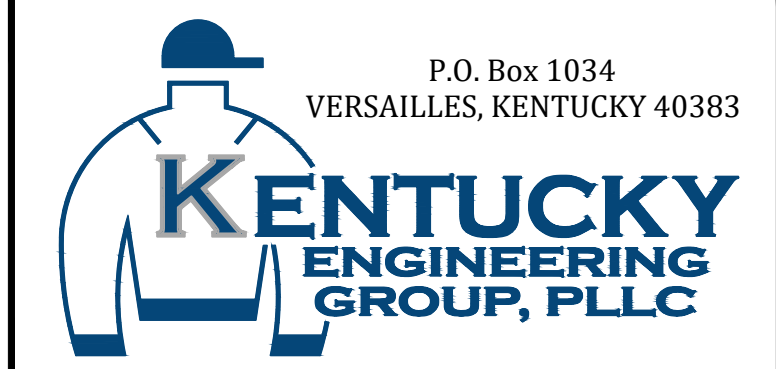
INSTALL CLASS 200 WATER MAIN THIS SHEET



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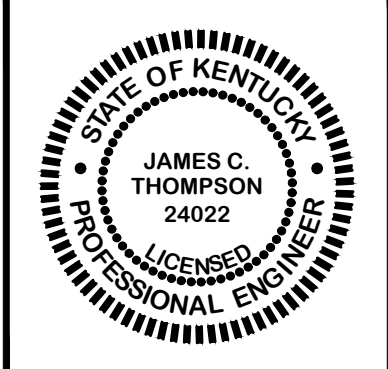
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
 ROWLETT AVENUE



PROJECT NO.	15043
SHEET NO.	6
OF 19	

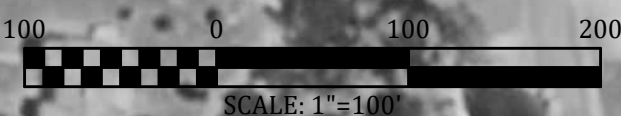
P:\PROJECTS\Trimble Co WD No. 1\15043 2016 Water System Improvements\Drawings\15043-07.dwg REC 8/01/18



NOTES:
 1. WATER MAIN SHALL BE INSTALLED ON EDGE OF CITY STREET - THIS SHEET.

RECORD DRAWINGS
 TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF THIS SET OF RECORD DRAWING SHOWS THE REPORTED LOCATION OF THE WORK AND SIGNIFICANT CHANGES MADE DURING THE CONSTRUCTION PROCESS. THESE RECORD DOCUMENTS ARE BASED ON UNVERIFIED INFORMATION PROVIDED BY OTHER PARTIES WHICH WILL BE ASSUMED RELIABLE. THE DESIGN PROFESSIONAL CANNOT AND DOES NOT WARRANT THEIR ACCURACY.
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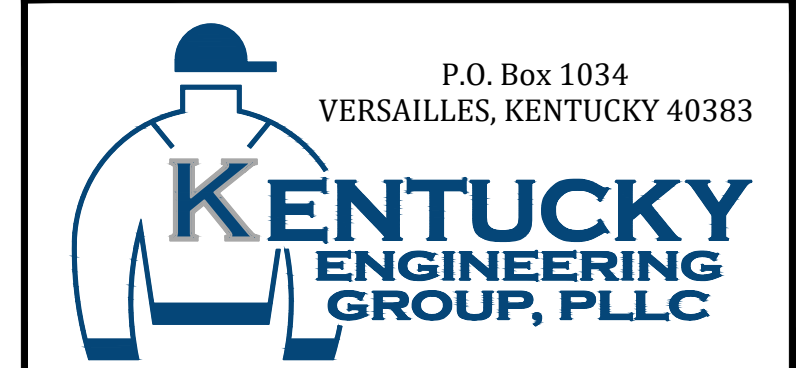
INSTALL CLASS 200 WATER MAIN THIS SHEET



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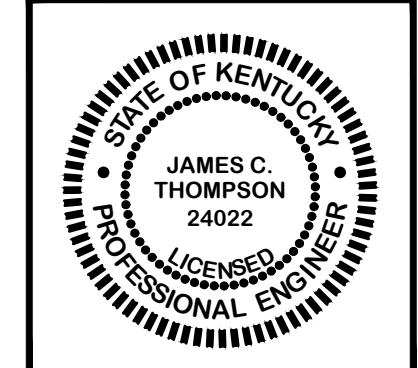
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
FAIRGROUND ROAD

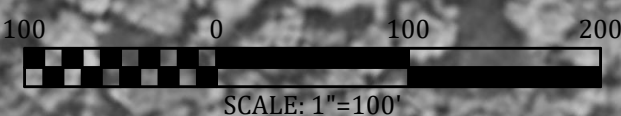


PROJECT NO.	15043
SHEET NO.	7
OF 19	



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RECORD DRAWINGS
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 BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18

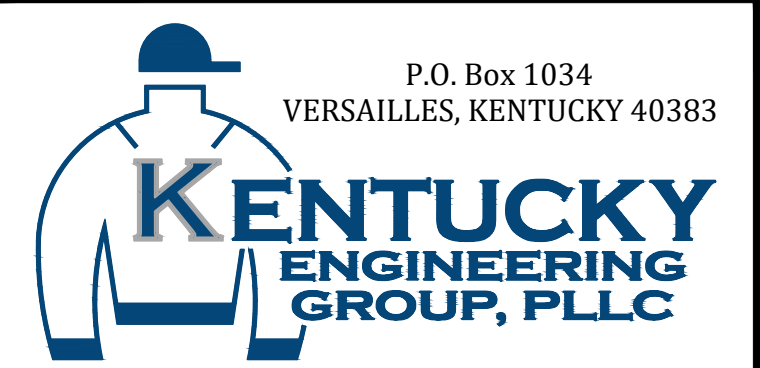


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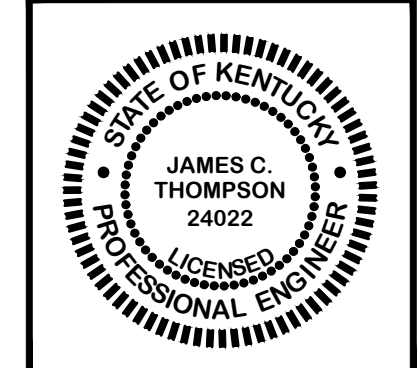
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
CUTSHAW LANE



PROJECT NO.
15043

SHEET NO.
8

OF 19

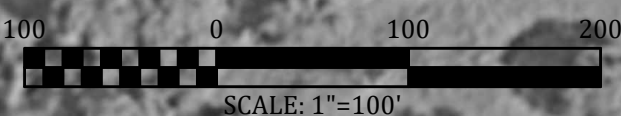
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INSTALL CLASS 200 WATER MAIN THIS SHEET

Ⓜ RECONNECT METERS FROM EXISTING WATER MAIN TO NEW WATER MAIN. SEE GENERAL NOTES SHEET 1.
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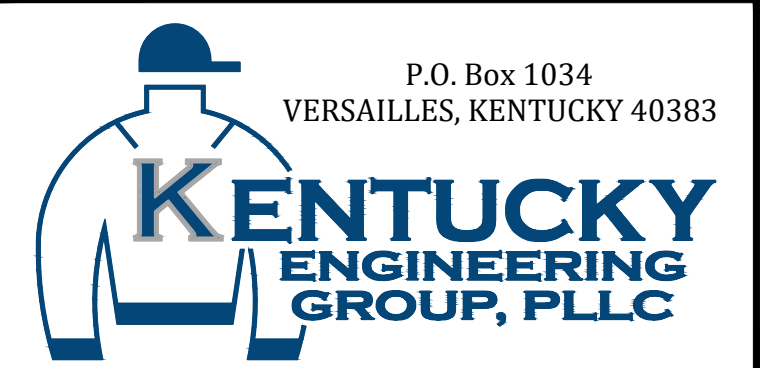
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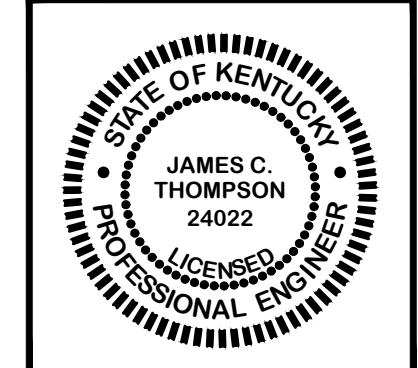
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DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
CUTSHAW LANE



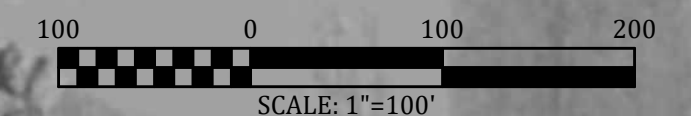
PROJECT NO.
15043
 SHEET NO.
9
 OF 19

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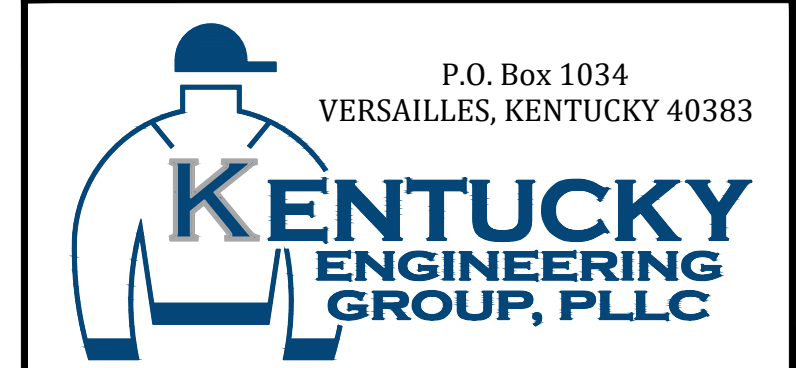
INSTALL CLASS 200 WATER MAIN THIS SHEET



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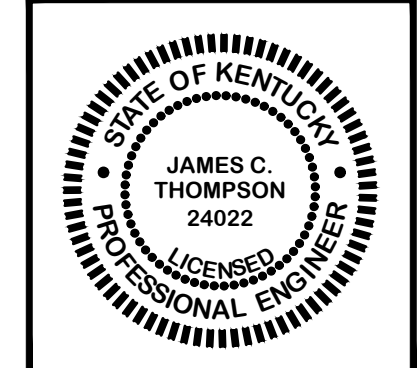
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
SUNNYSIDE DRIVE



PROJECT NO.	15043
SHEET NO.	10
OF 19	



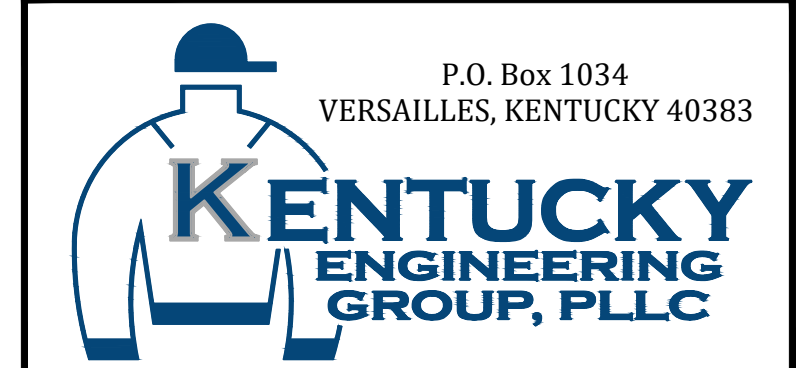
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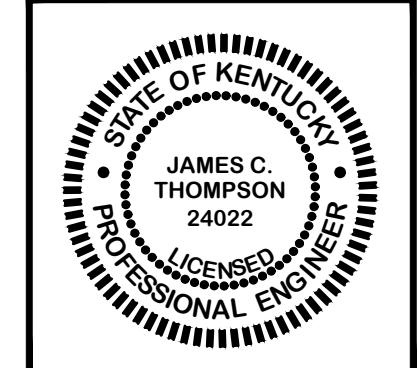
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
WATSON LANE



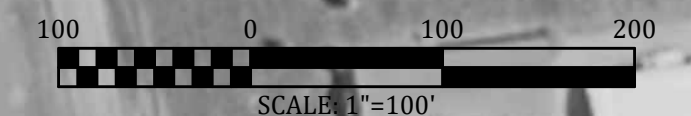
PROJECT NO.	15043
SHEET NO.	11
OF 19	

RECORD DRAWINGS

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BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18

INSTALL CLASS 200 WATER MAIN THIS SHEET



INSTALL CLASS 200 WATER MAIN THIS SHEET

EX. SERVICE

PAUL R. HAMILTON ESTATE
DB 049, PG 001

PAUL R. HAMILTON ESTATE
DB 072, PG 302

KENNETH & REBEKAH MARTIN COTTINGHAM
DB 141, PG 276

JAMES & DIANA SHARBER
DB 082, PG 646

JAMES & DIANA SHARBER
DB 082, PG 646

NOTE:
1. SET NEW METER ASSEMBLIES AS SHOWN ON PLANS. CERTIFIED PLUMBER MUST INSTALL SERVICE LINES AND RECONNECT TO EXISTING SERVICES.
2. WATER MAIN SHALL BE INSTALLED ON COUNTY R/W—THIS SHEET.

MATCHLINE - STA. 37+00
SEE SHEET 11

LAY LINE WITHIN
COUNTY R/W

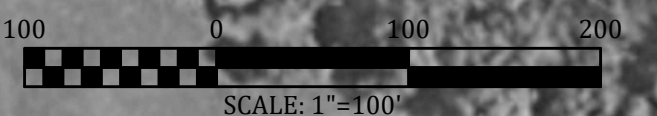
49+25
INSTALL BLOW OFF
ASSEMBLY

EX. SERVICE

RECORD DRAWINGS

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BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18



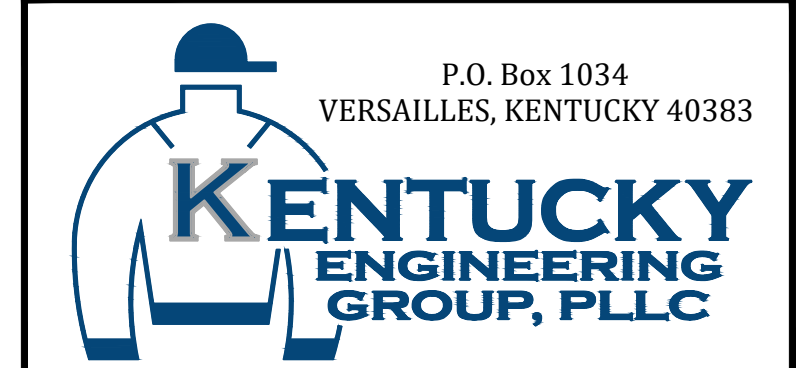
P:\PROJECTS\Trimble Co WD No. 1\15043 2016 Water System Improvements\Drawings\15043-1.dwg REC 8/01/18

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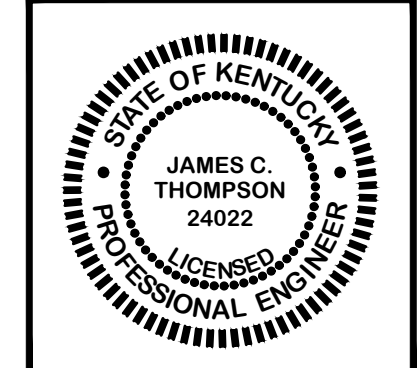
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
BEDFORD, KENTUCKY

AERIAL PLAN
WATSON LANE



PROJECT NO.
15043

SHEET NO.
12

OF 19

P:\PROJECTS\Trimble Co WD No. 1\15043 2016 Water System Improvements\Drawings\15043-13.dwg REC 8/01/18



NOTE:
 1. CAUTION BURIED TELEPHONE & FIBER OPTIC CABLE IN VICINITY
 2. WATER MAIN SHALL BE INSTALLED ON PRIVATE PROPERTY UNLESS OTHERWISE SHOWN.

Ⓜ RECONNECT METERS FROM EXISTING WATER MAIN TO NEW WATER MAIN. SEE GENERAL NOTES SHEET 1.
 METER SYMBOL (Ⓜ) SHOWS PROPERTY FOR RECONNECTION BUT NOT ACTUAL LOCATION OF METER.

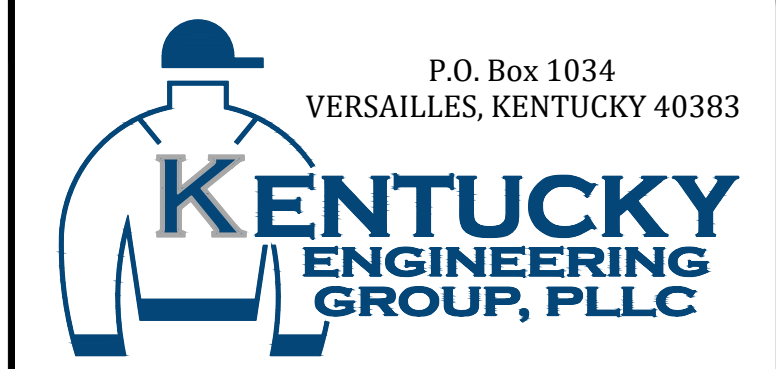
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 BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18

INSTALL CLASS 200 WATER MAIN THIS SHEET
 100 0 100 200
 SCALE: 1"=100'

IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DRAWING WITHOUT WRITTEN PERMISSION FROM KENTUCKY ENGINEERING GROUP, PLLC AND ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER.
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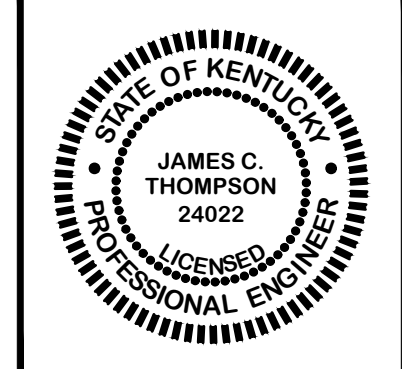
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
NEW HOPE ROAD



PROJECT NO.	15043
SHEET NO.	13
OF 19	

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NOTE:
 1. CAUTION BURIED TELEPHONE IN VICINITY
 2. WATER MAIN SHALL BE INSTALLED ON STATE R/W UNLESS OTHERWISE SHOWN.

Ⓜ RECONNECT METERS FROM EXISTING WATER MAIN TO NEW WATER MAIN. SEE GENERAL NOTES SHEET 1.
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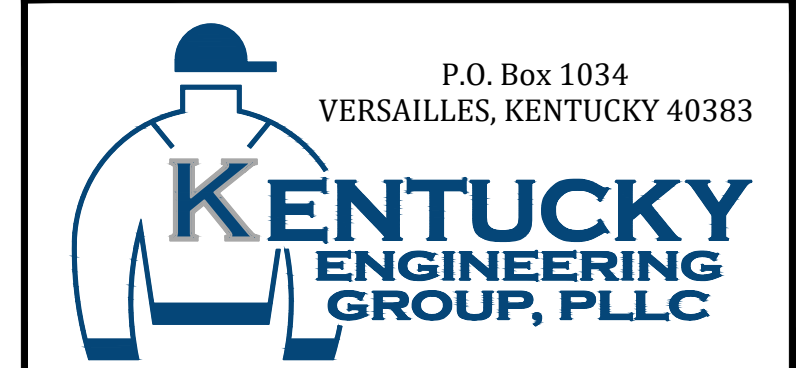
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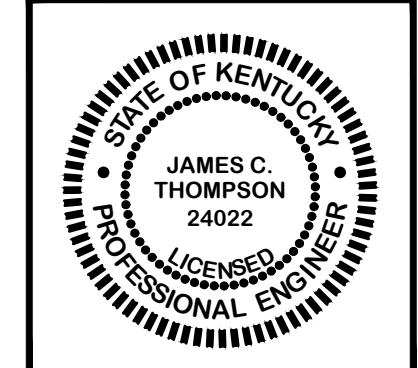
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
 TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
 NEW HOPE ROAD



PROJECT NO.	15043
SHEET NO.	14
OF 19	

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NOTES:

1. THIS IS THE ONLY CONNECTION BETWEEN THE EX. 6" AND EX. 12" WATER MAINS. CUT AND PLUG OF THIS LINE CAN ONLY BE DONE AFTER ALL METERS ON THE EX. 6" AND BRANCH LINES HAVE BEEN RECONNECTED.
2. RECONNECT ALL EXISTING METERS FROM THE EX. 6" TO THE EX. 12" BETWEEN CUTSHAW LANE AND THE HIGH SCHOOL ON HWY US 421.
3. CAUTION BURIED GAS MAIN AND SANITARY SEWER IN THE VICINITY. CONTRACTOR SHALL REPLACE ALL SERVICE LINES ON RECONNECTS.

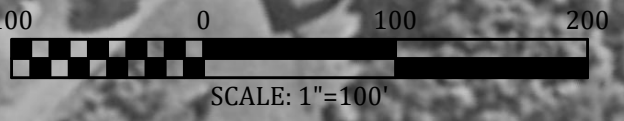
Ⓜ RECONNECT METERS FROM EXISTING 6" WATER MAIN TO EXISTING 12" WATER MAIN. SEE GENERAL NOTES SHEET 1.

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BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18

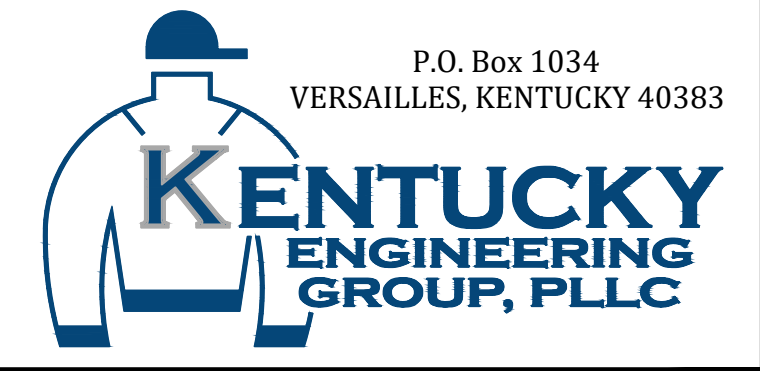


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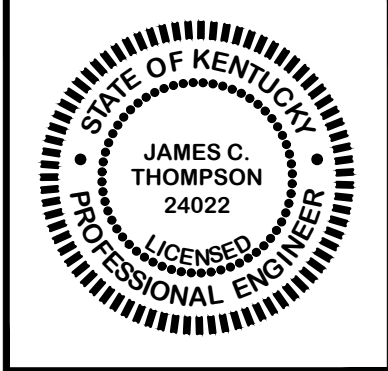
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
BEDFORD, KENTUCKY

AERIAL PLAN
US 421



PROJECT NO.	15043
SHEET NO.	15
OF 19	

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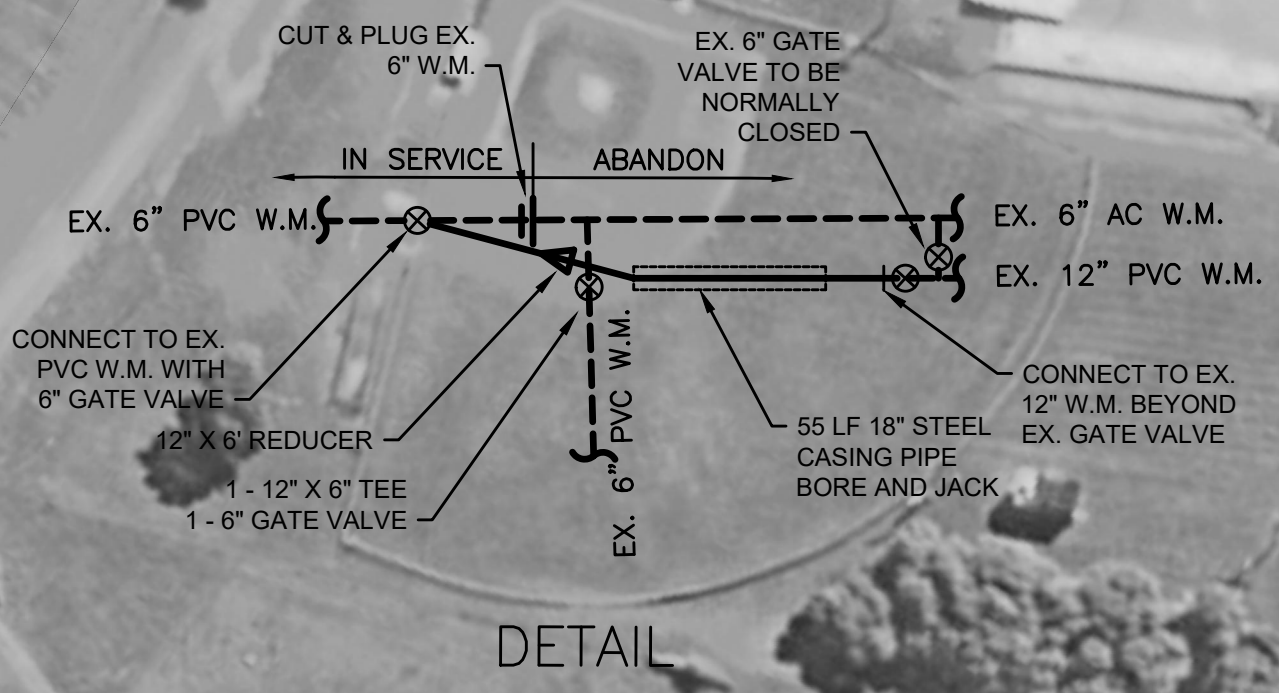


NOTES:

1. RECONNECT ALL EXISTING METERS FROM THE EX. 6" TO THE EX. 12" BETWEEN CUTSHAW LANE AND THE HIGH SCHOOL ON HWY US 421.
2. CAUTION BURIED GAS MAIN AND SANITARY SEWER IN THE VICINITY.
3. CONTRACTOR SHALL REPLACE ALL SERVICE LINES ON RECONNECTS.

Ⓜ RECONNECT METERS FROM EXISTING 6" WATER MAIN TO EXISTING 12" WATER MAIN. SEE GENERAL NOTES SHEET 1.

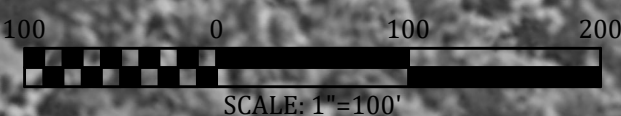
METER SYMBOL Ⓜ SHOWS PROPERTY FOR RECONNECTION BUT NOT ACTUAL LOCATION OF METER.



RECORD DRAWINGS

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BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18

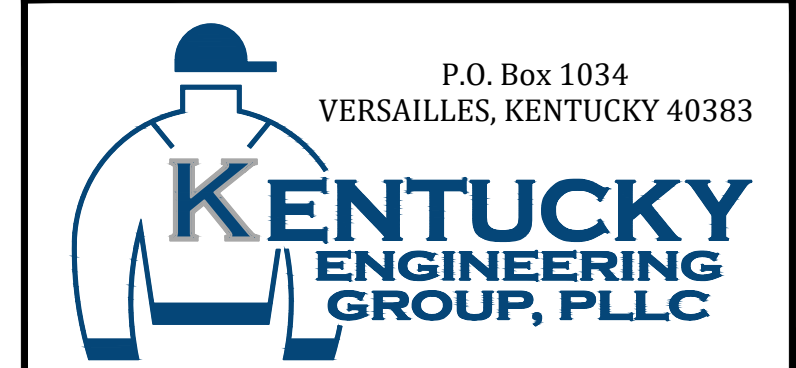


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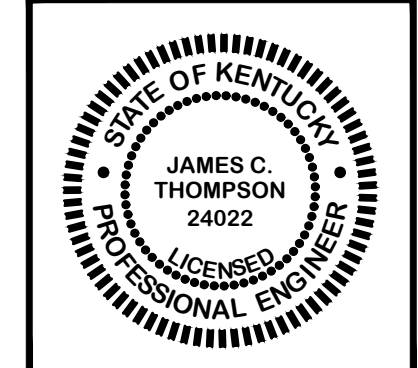
NO.	DATE	REVISIONS	BY

DATE: DECEMBER, 2016
 PROJECT MGR: LRS
 DRAWN BY: JAB
 CHECKED BY: LRS
 SCALE: AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1
 FOR
TRIMBLE COUNTY WATER DISTRICT NO. 1
 BEDFORD, KENTUCKY

AERIAL PLAN
 US 421



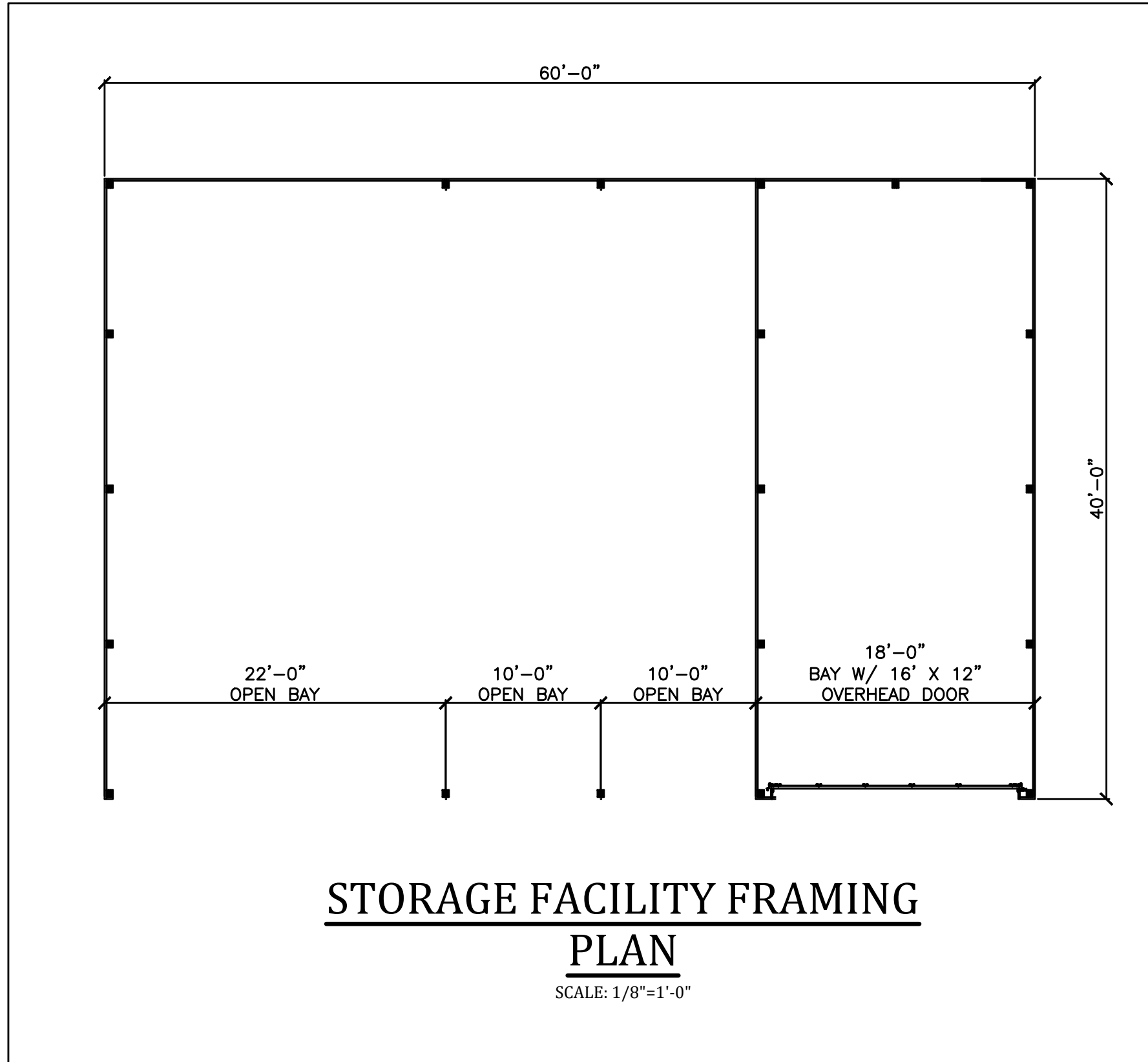
PROJECT NO.
15043

SHEET NO.
16
 OF 19



AERIAL PLAN - TOWN TANK

SCALE: 1" = 50'



NOTES:

1. SEE SECTION 11000 "STORAGE BUILDING" FOR SPECIFICATIONS
2. NO. 57 CRUSHED STONE 3" DEPTH OVER ENTIRE BUILDING SITE

P:\PROJECTS\Trimble Co WD No. 1\15043 2016 Water System Improvements\Drawings\15043-17.dwg REC 8/01/18

RECORD DRAWINGS

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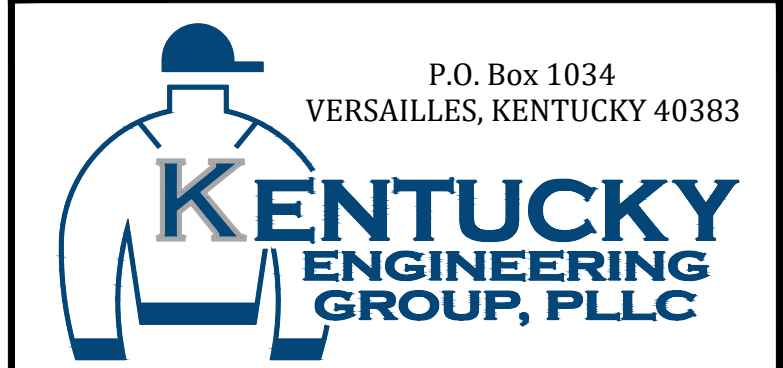
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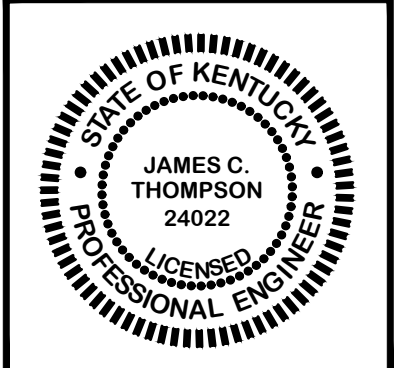
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
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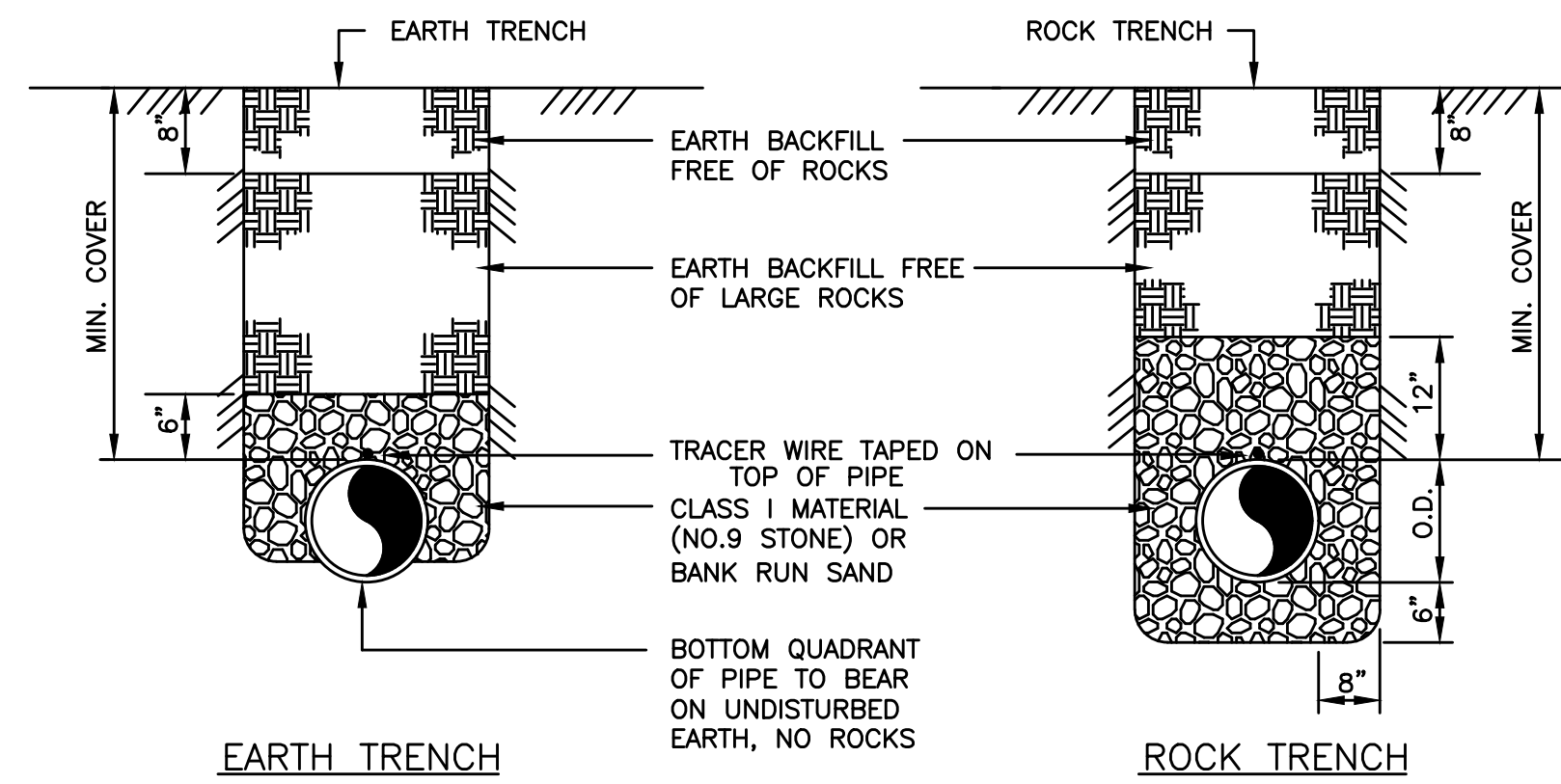


**2016 WATER SYSTEM
IMPROVEMENTS - CONTRACT 1**
FOR
**TRIMBLE COUNTY
WATER DISTRICT NO. 1**
BEDFORD, KENTUCKY

**TOWN TANK IMPROVEMENTS
MATERIALS BUILDING**



PROJECT NO.	15043
SHEET NO.	17
OF 19	



TYPICAL - BEDDING AND BACKFILL
NOT TO SCALE

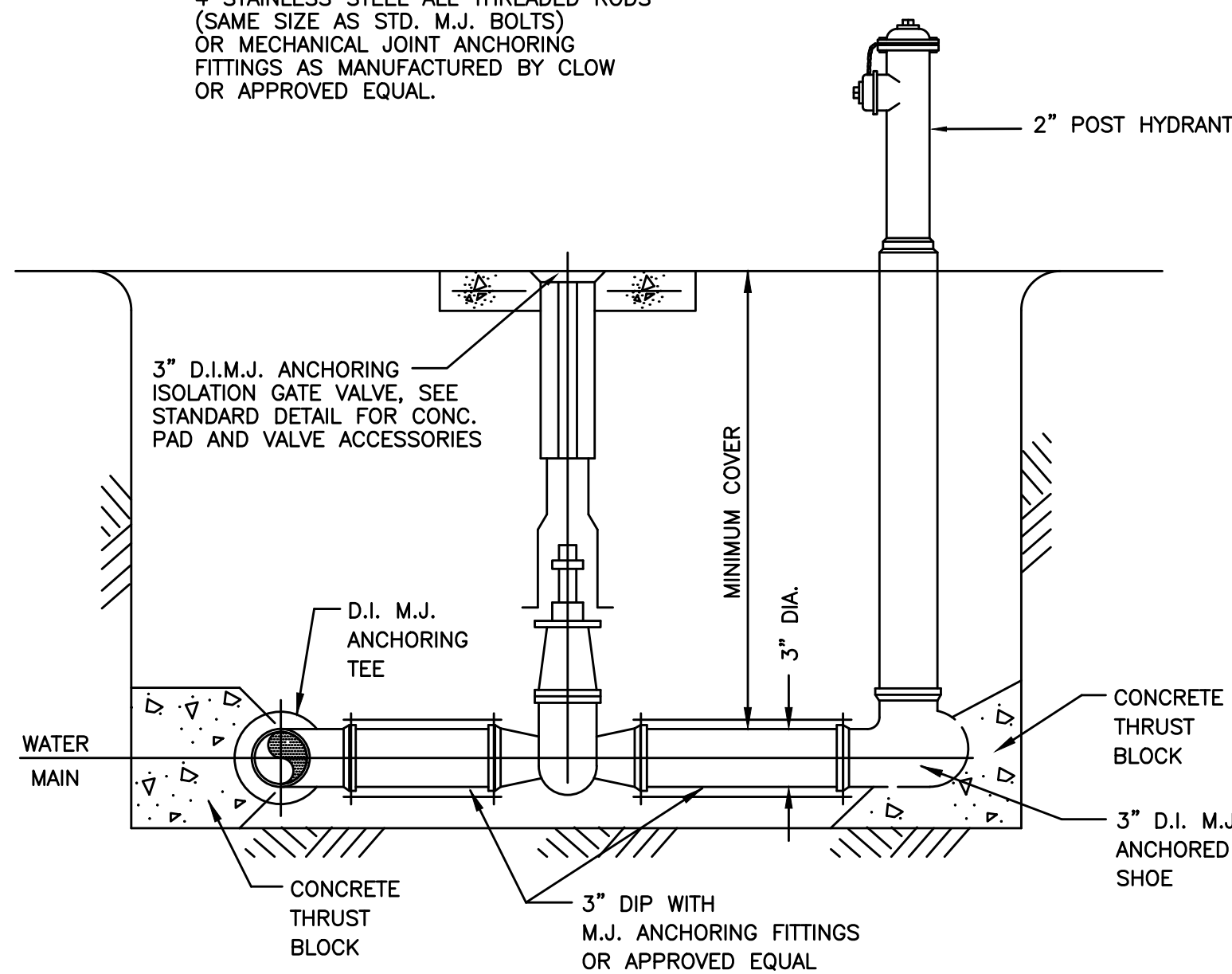
NOTES:

1. REPLACE BITUMINOUS PAVEMENT WITH SAME TYPE AND THICKNESS (2" MIN.) AS EXISTING PAVEMENT.
2. IF ROCK IS ENCOUNTERED, A MINIMUM OF 6" NO. 9 CRUSHED STONE MUST BE PLACED UNDER THE ENCASEMENT PIPE.
3. X = MAX. WIDTH OF TRENCH AT SURFACE UNDER NORMAL CONDITIONS (36" + PIPE O.D.)
4. FROM POINTS "A" TO NEAREST JOINT OR BREAK IN PAVEMENT MUST BE AT LEAST 6' OR MORE. IF LESS THAN 6' REMOVE PAVEMENT TO JOINT OR BREAK AND REPLACE ENTIRE SLAB.
5. NO. 610 CRUSHED STONE MAY BE SUBSTITUTED FOR MECHANICALLY TAMPED EARTH BACKFILL WITH PRIOR APPROVAL OF THE ENGINEER.
6. 1" SAW CUT OUTSIDE OF TRENCH LINES, BITUMINOUS PATCH PLACED IN 2" LIFTS WITH TACK COAT ON EACH SIDE, EACH LIFT COMPACTED WITH SMALL ROLLER.

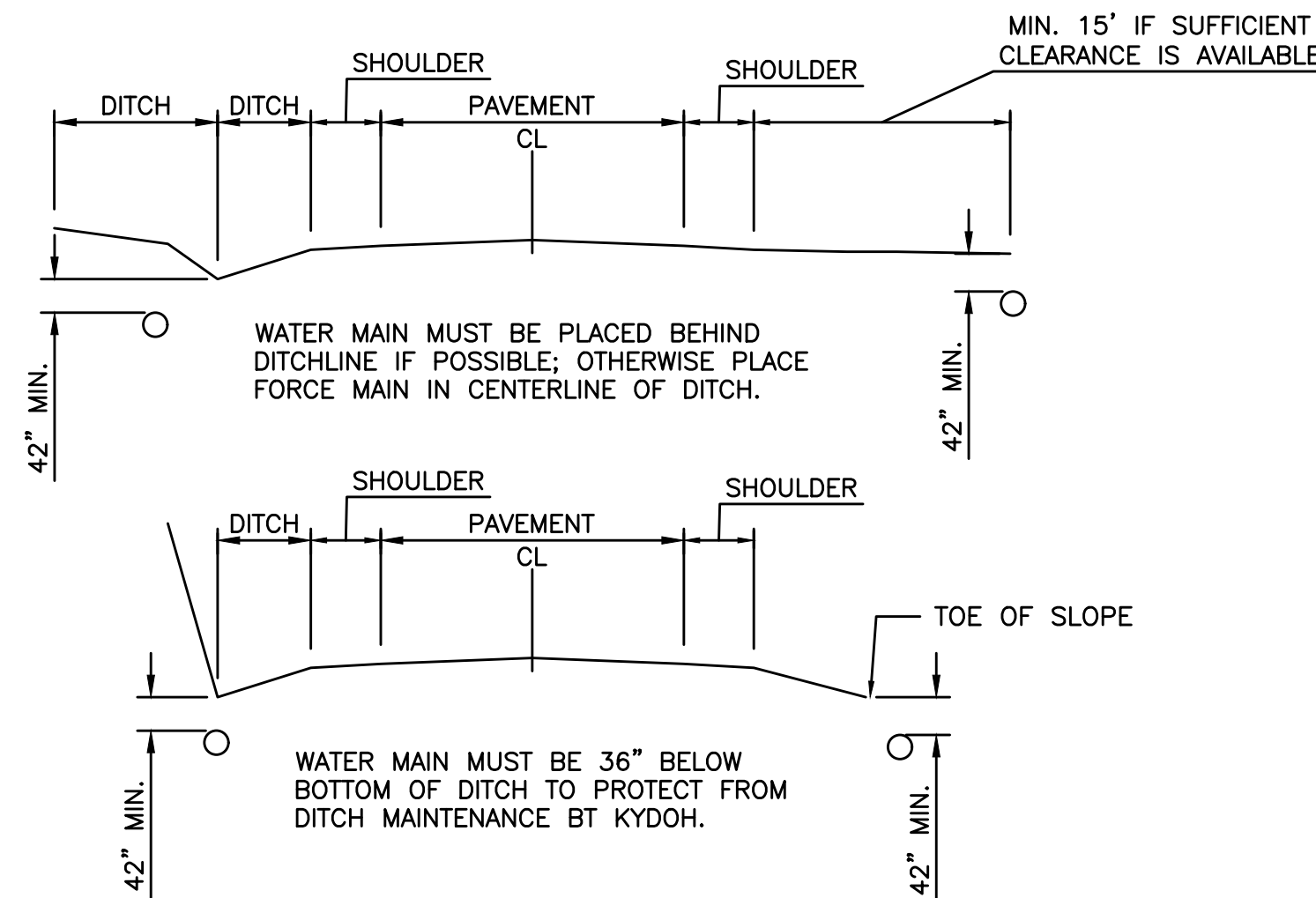
NOTE:
ALL WATER LINES CONSTRUCTED WITHIN 3' OF A COUNTY ROAD SHALL BE BACKFILLED WITH DGA TO FULL DEPTH.

NOTE:

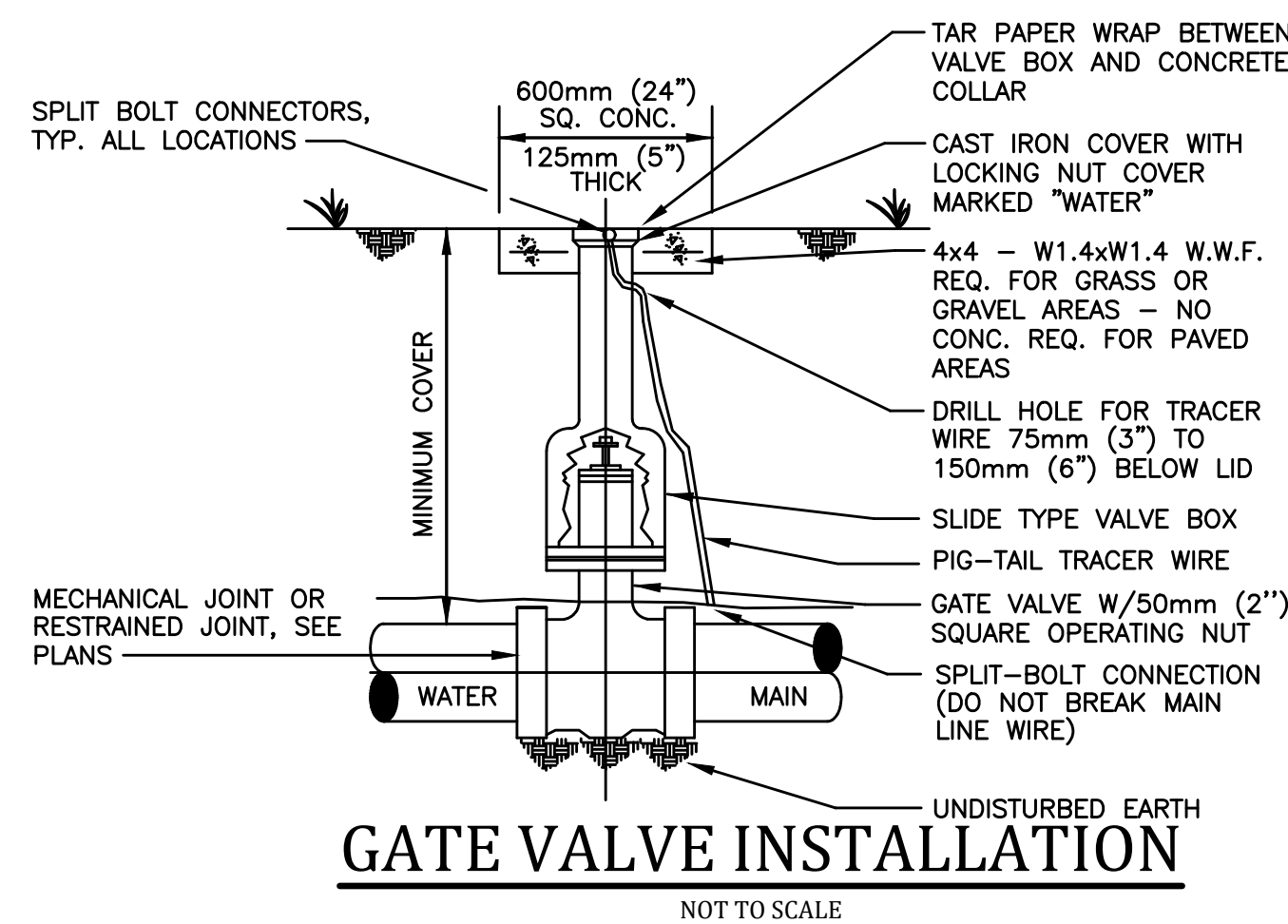
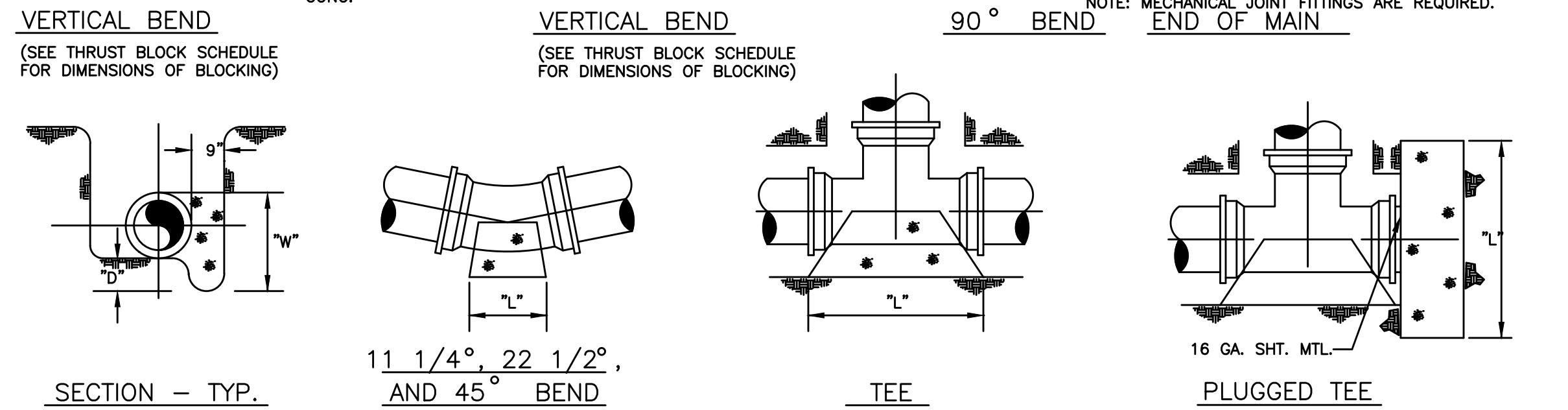
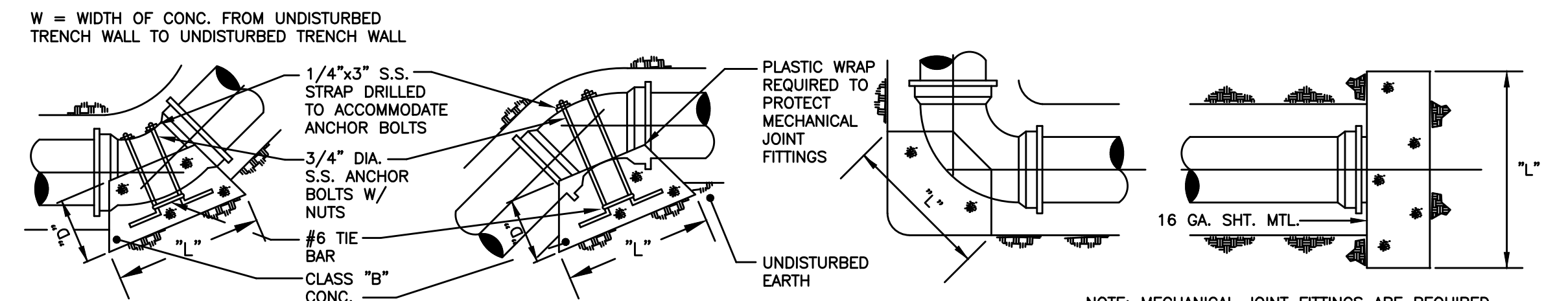
ISOLATION VALVE SHALL BE ANCHORED TO THE TEE AND HYDRANT WITH 4 STAINLESS STEEL ALL THREADED RODS (SAME SIZE AS STD. M.J. BOLTS) OR MECHANICAL JOINT ANCHORING FITTINGS AS MANUFACTURED BY CLOW OR APPROVED EQUAL.



BLOWOFF HYDRANT ASSEMBLY
NOT TO SCALE



TYPICAL CONSTRUCTION ON KYDOH RIGHTS OF WAYS
NOT TO SCALE



GATE VALVE INSTALLATION
NOT TO SCALE

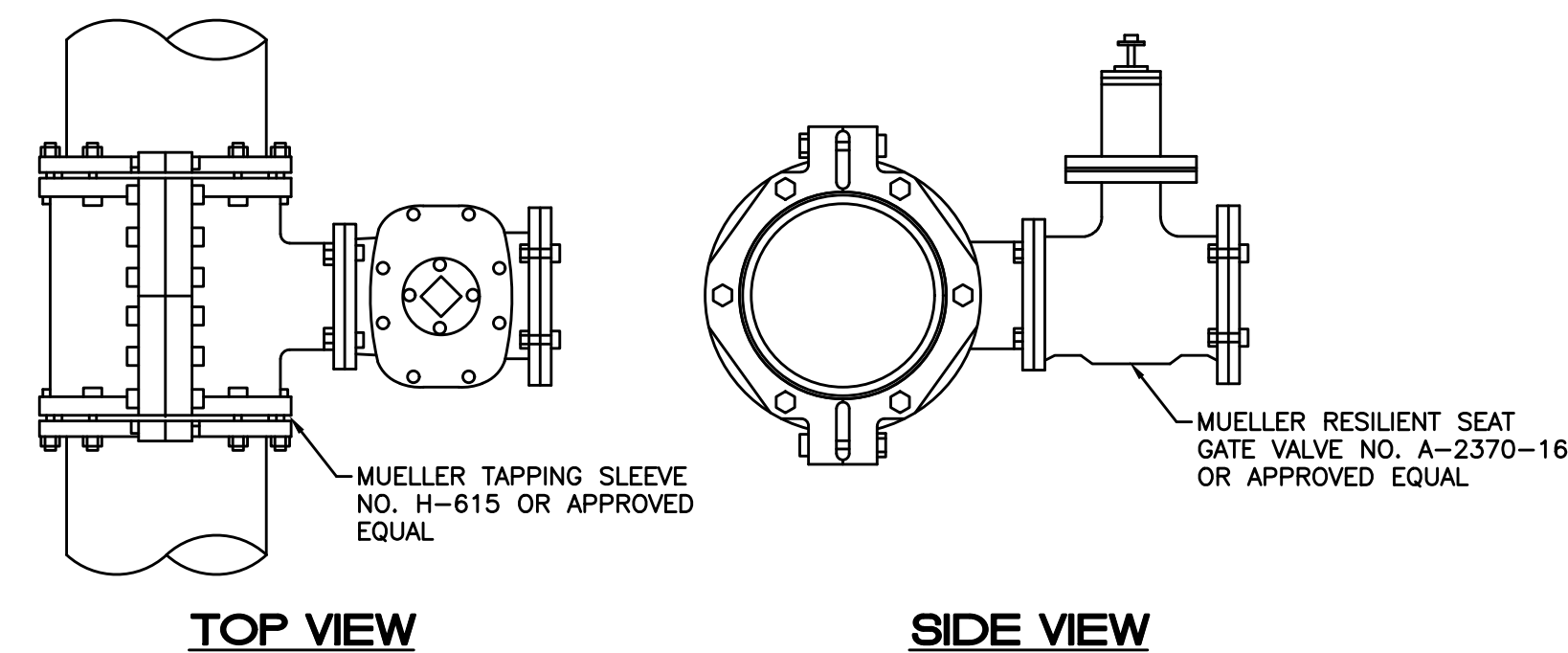
THRUST BLOCK SCHEDULE - CLASS 200 PVC												SOIL TYPE - SAND & GRAVEL BEARING STRENGTH = 3000 PSF											
PIPE SIZE	90° BEND			45° BEND			22 1/2° BEND			11 1/4° BEND			TEE & DEAD ENDS										
	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L								
4"	1.78	0.07	12 16 16	1.00	0.04	12 12 12	0.50	0.02	12 12 6	0.25	0.01	6 6 6	1.50	0.06	12 18 12								
6"	4.00	0.15	12 24 24	2.25	0.08	12 18 18	1.33	0.05	12 16 12	0.56	0.01	6 8 8	3.00	0.11	12 24 18								
8"	7.50	0.42	18 36 30	4.00	0.22	18 24 24	2.00	0.11	18 18 16	1.00	0.04	12 12 12	5.00	0.28	18 30 24								
10"	11.67	0.65	18 42 40	6.25	0.35	18 30 30	3.33	0.19	18 24 20	2.00	0.07	12 18 16	8.75	0.49	18 42 30								
12"	16.00	0.89	18 48 48	9.00	0.50	18 36 36	5.00	0.28	18 30 24	2.22	0.08	12 20 16	14.00	0.78	18 48 42								
14"	22.50	1.67	24 60 54	12.25	0.91	24 42 42	6.25	0.46	24 30 30	3.33	0.19	18 24 20	17.50	1.30	24 60 42								
16"	30.00	2.22	24 72 60	16.00	1.19	24 48 48	9.00	0.67	24 36 36	4.00	0.22	18 24 24	20.00	1.48	24 60 48								

THRUST BLOCK SCHEDULE - CLASS 250 PVC												SOIL TYPE - SAND & GRAVEL BEARING STRENGTH = 3000 PSF											
PIPE SIZE	90° BEND			45° BEND			22 1/2° BEND			11 1/4° BEND			TEE & DEAD ENDS										
	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L								
4"	2.667	.10	12 24 16	1.500	.06	12 18 12	.750	.03	12 12 9	.500	.01	6 12 6	1.667	.06	12 24 10								
6"	5.000	.19	12 36 20	3.000	.11	12 24 18	1.500	.06	12 18 12	.750	.01	6 12 9	4.000	.15	12 24 24								
8"	9.000	.50	18 36 36	5.000	.28	18 36 20	3.000	.17	18 24 18	1.500	.06	12 18 12	7.000	.39	18 42 24								
10"	9.255	.78	18 48 42	7.500	.42	18 36 30	4.167	.23	18 30 20	2.250	.08	12 18 18	10.500	.58	18 42 36								
12"	13.327	1.11	18 60 48	12.000	.67	18 48 36	6.000	.33	18 36 24	3.000	.11	12 24 18	14.000	.78	18 48 42								
14"	18.139	2.00	24 72 54	15.750	1.17	24 54 42	7.500	.56	24 36 30	4.000	.22	18 24 24	20.000	1.48	24 60 48								
16"	23.692	2.65	24 78 66	20.000	1.48	24 60 48	10.500	.78	24 42 36	5.000	.28	18 30 24	27.000	2.00	24 72 54								

THRUST BLOCK SCHEDULE - CLASS 350 D.I.P.												SOIL TYPE - SAND & GRAVEL BEARING STRENGTH = 3000 PSF											
PIPE SIZE	90° BEND			45° BEND			22 1/2° BEND			11 1/4° BEND			TEE & DEAD ENDS										
	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L	BEARING AREA	YDS OF CONCRETE	D W L								
4"	3.750	.21	18 30 18	1.750	.10	18 18 14	1.000	.06	18 12 12	.500	.02	12 12 6	2.250	.13	18 18 18								
6"	7.000	.39	18 42 24	3.750	.21	18 30 18	2.000	.11	18 24 12	1.000	.04	12 12 12	5.000	.28	18 30 24								
8"	12.250	.91	24 42 42	7.500	.56	24 36 30	4.000	.30	24 24 24	2.000	.11	18 24 12	9.000	.67	24 36 36								
10"	20.000	1.48	24 60 48	10.500	.78	24 42 36	6.000	.44	24 36 24	3.000	.17	18 24 18	14.000	1.04	24 48 42								
12"	30.000	2.78	30 72 60	15.750	1.46	30 54 42	7.500	.69	30 36 30	4.000	.30	24 24 24	20.000	1.85	30 60 48								
14"	39.000	4.33	36 78 72	20.000	2.22	36 60 48	10.500	1.17	36 42 36	6.000	.56	30 36 24	27.500	3.06	36 66 60								
16"	49.000	6.35	42 84 84	27.500	3.56	42 66 60	14.000	1.81	42 48 42	7.500	.83	36 36 30	37.750	4.63	42 78 66								

WATER MAIN THRUST BLOCKS

(SEE THRUST BLOCK SCHEDULE FOR DIMENSIONS OF BLOCKING)
NOT TO SCALE



TYPICAL - WET TAP
NOT TO SCALE

RECORD DRAWINGS

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BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 7/18

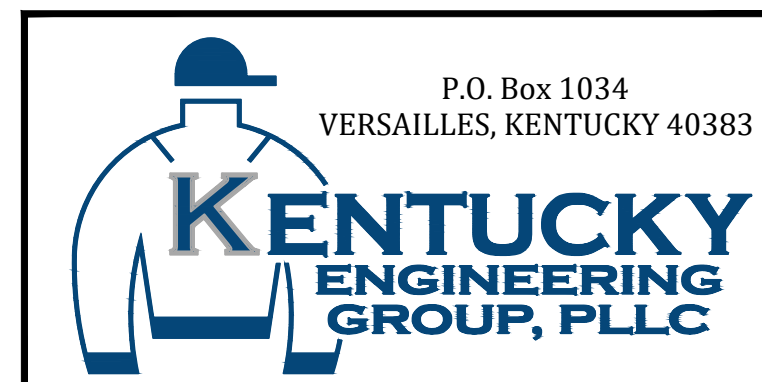
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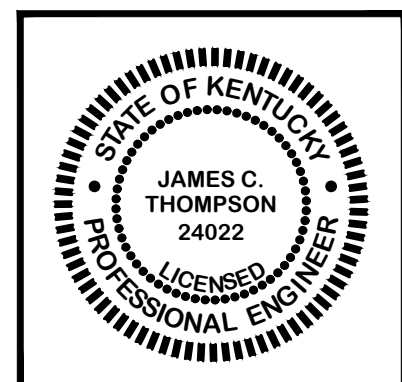
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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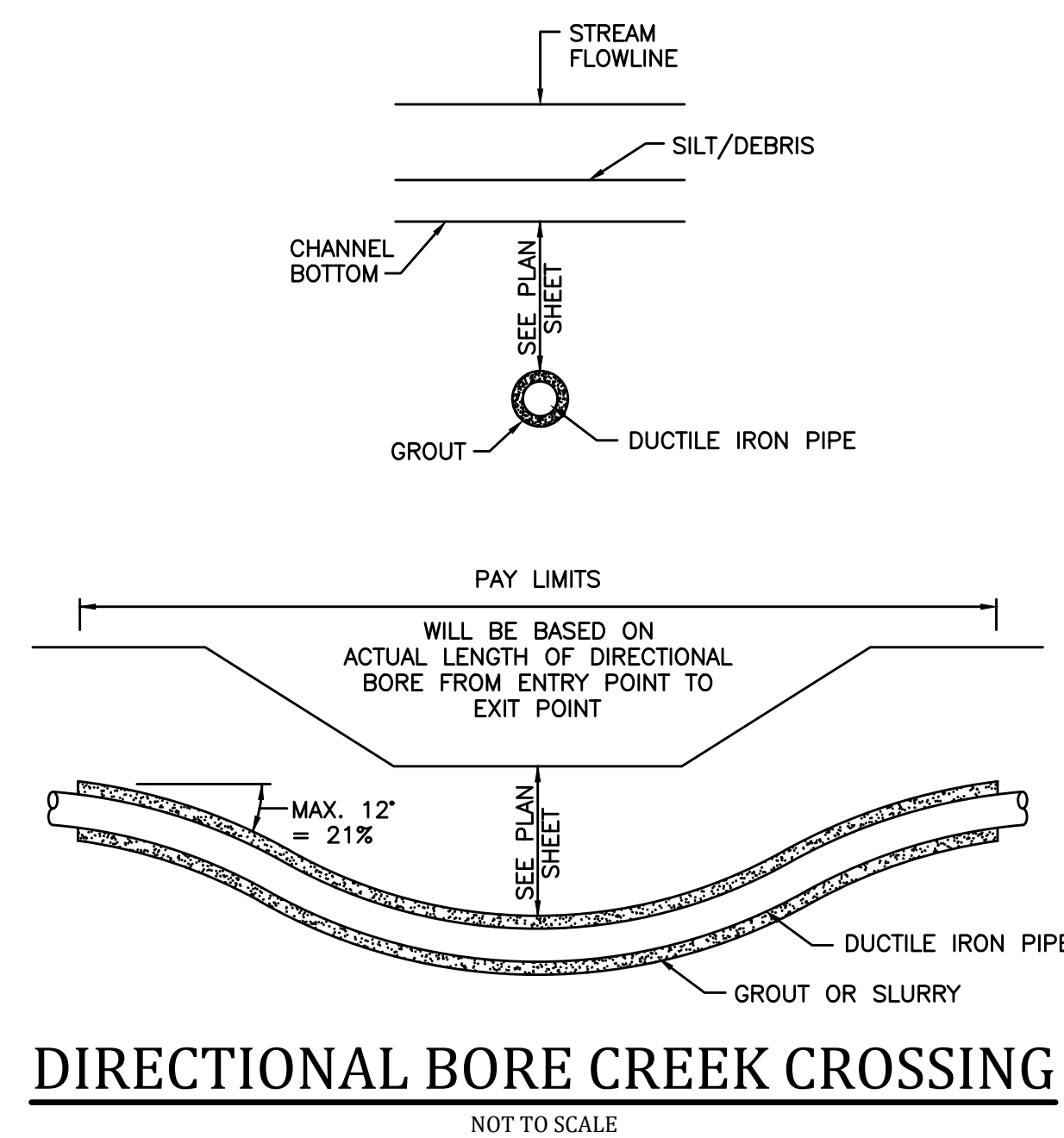
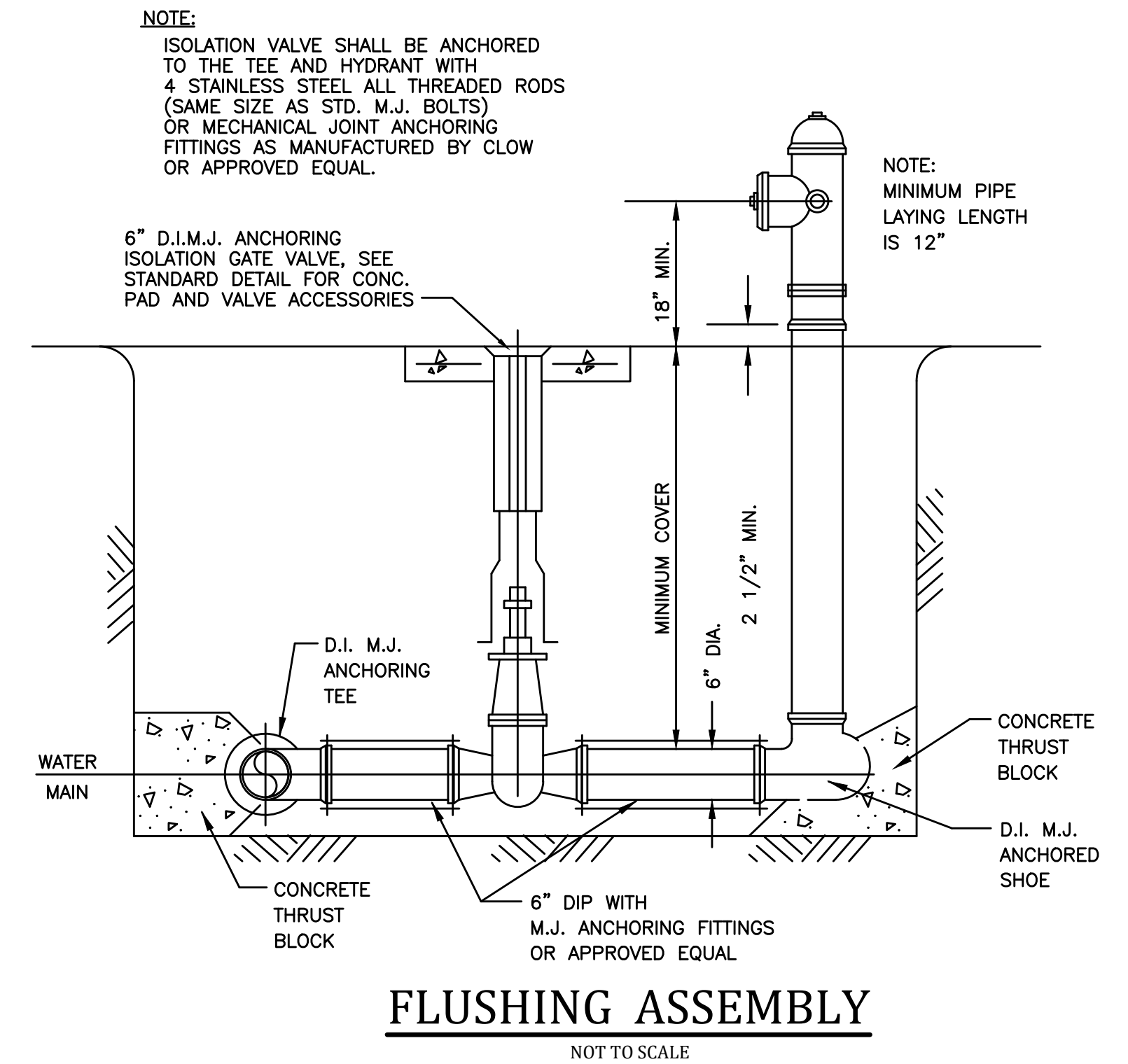
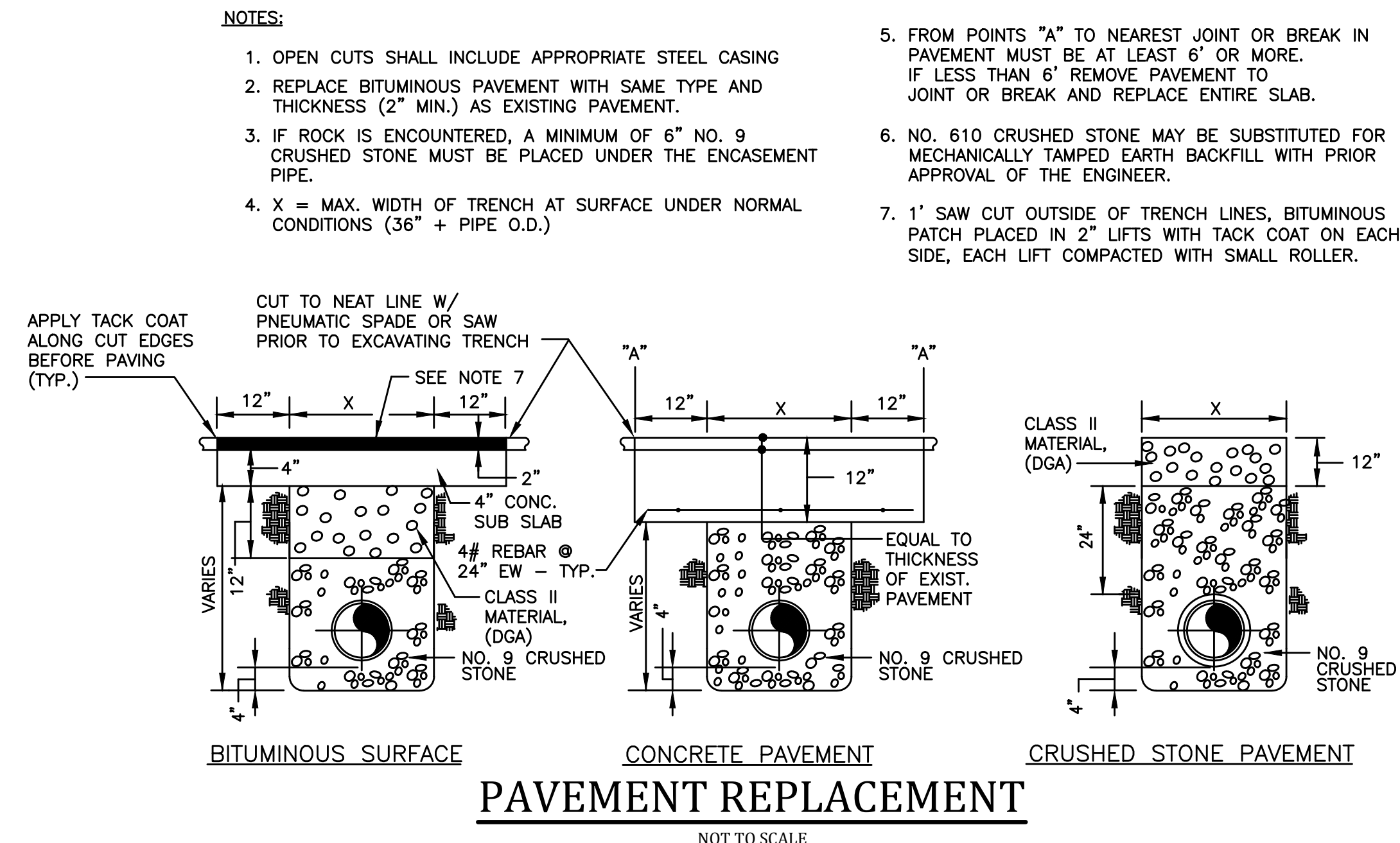
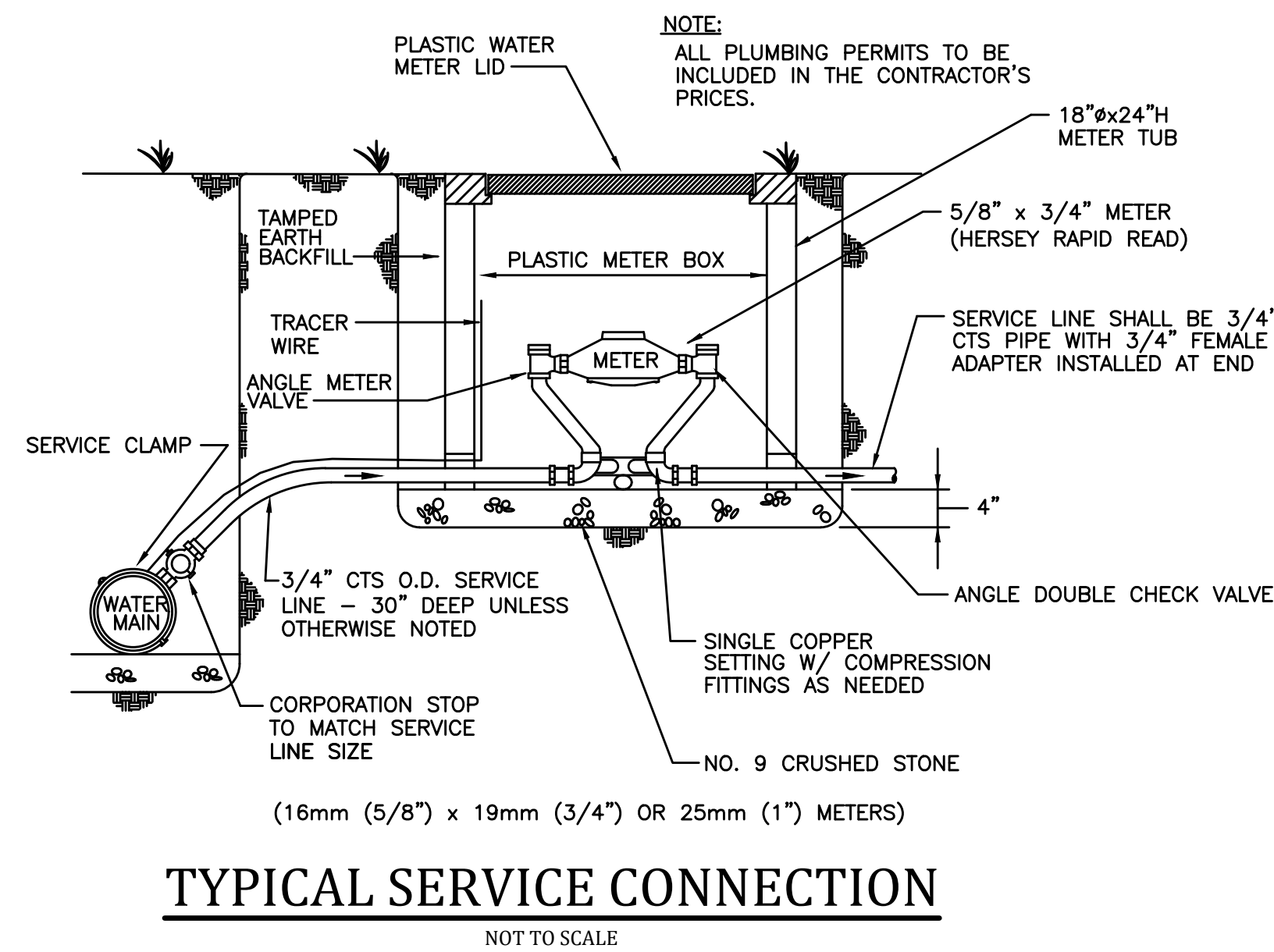
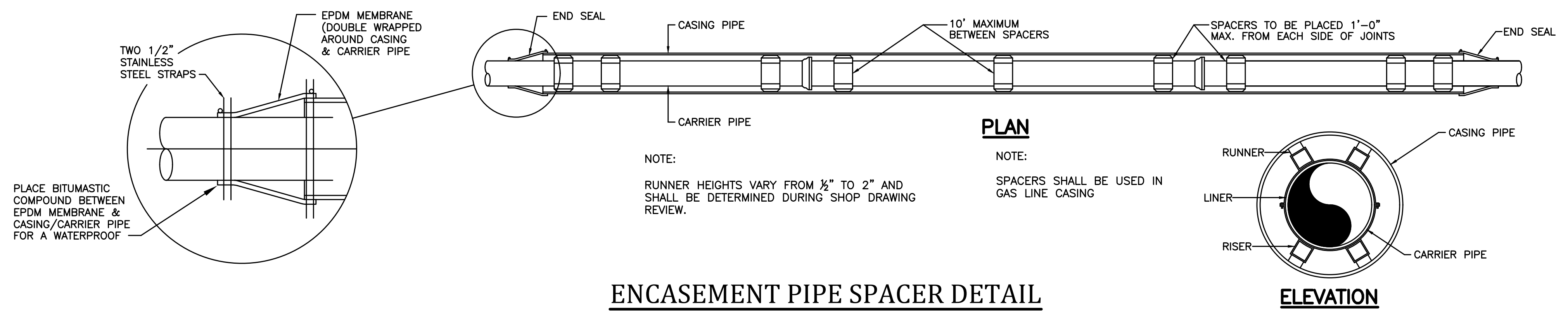
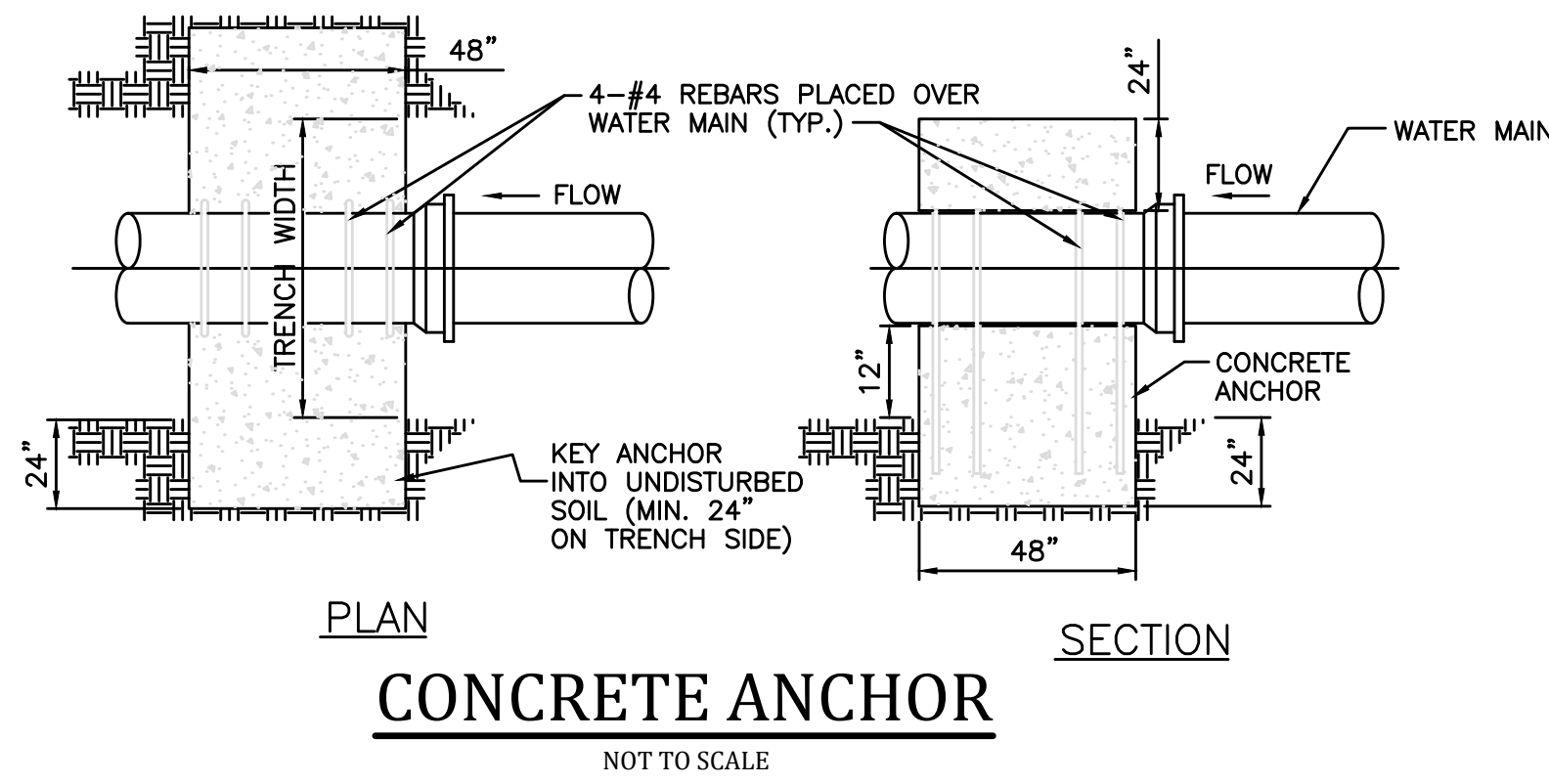


2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1 FOR TRIMBLE COUNTY WATER DISTRICT NO. 1 BEDFORD, KENTUCKY

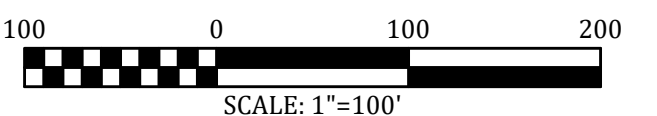
STANDARD DETAILS



PROJECT NO.	15043
SHEET NO.	18
OF 19	



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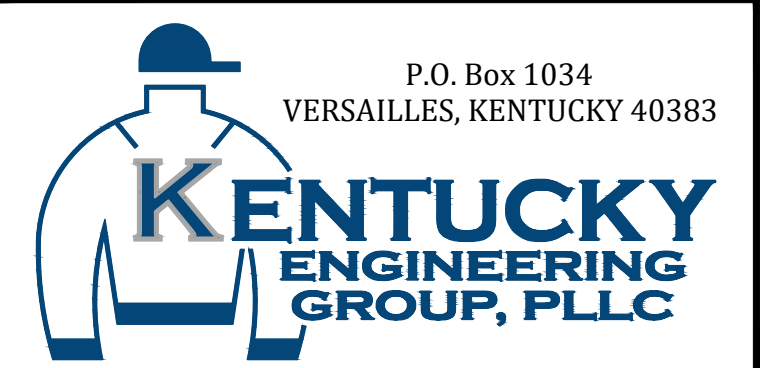
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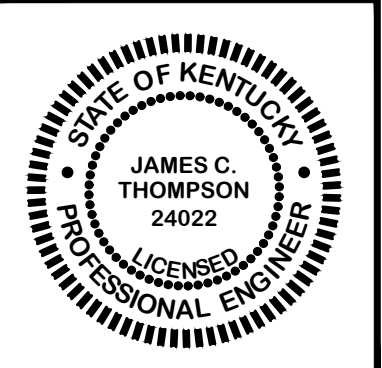
NO.	DATE	REVISIONS	BY

DATE:	DECEMBER, 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 1 FOR TRIMBLE COUNTY WATER DISTRICT NO. 1 BEDFORD, KENTUCKY

STANDARD DETAILS



PROJECT NO.	15043
SHEET NO.	19
OF 19	

2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 2

FOR
TRIMBLE COUNTY
WATER DISTRICT NO. 1
BEDFORD, KENTUCKY

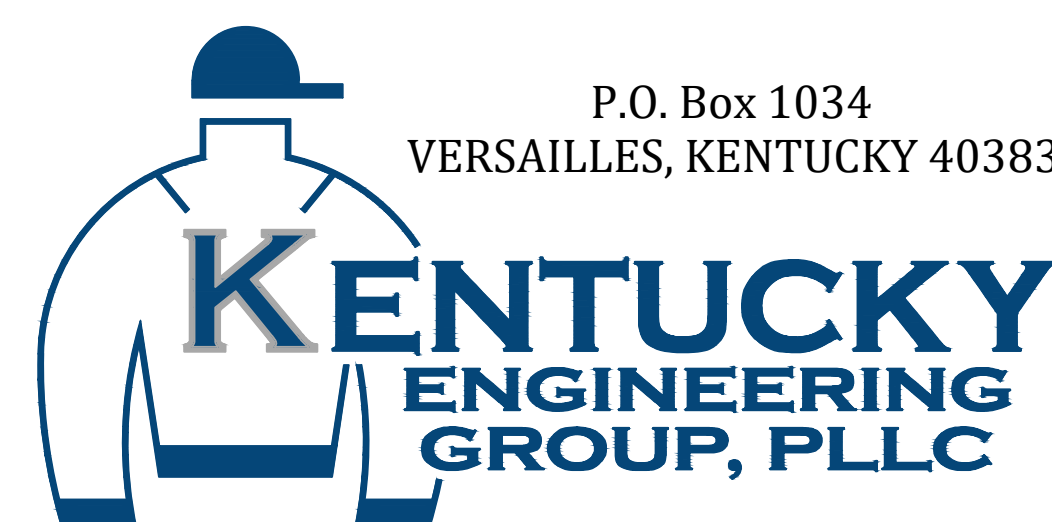
BOARD MEMBERS

WAYNE SMITH - CHAIRMAN
DOUG STARK
BEERY WELTY

GENERAL MANAGER

RANDY STEVENS

APRIL, 2016



RECORD DRAWINGS

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BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 02/18

PROJECT NO. 15043

SET NO. _____



AERIAL PLAN - TOWN TANK

SCALE: 1" = 50'



ELEVATION VIEW - TOWN TANK

NOT TO SCALE

NOTES:

1. CONTRACTOR SHALL NOTIFY TCWD1 A MINIMUM OF 2 WEEKS PRIOR TO CONTRACTOR'S MOBILIZATION.
2. CONTRACTOR SHALL ONLY REMOVE ONE TANK FROM SERVICE AT A TIME.
3. EACH TANK WILL REQUIRE INTERIOR/EXTERIOR PAINTING. SEE SECTION 01010 OF THE SPECIFICATIONS FOR SURFACE PREPARATION REQUIREMENTS.
4. ALL PAINTS AND PAINTING SCHEDULES SHALL BE IN ACCORDANCE WITH LATEST REVISIONS TO AWWA 0102. SEE SECTION 09870 OF THE SPECIFICATIONS FOR PAINTING TYPES AND SCHEDULES.
5. CONTRACTOR SHALL STERILIZE THE TANKS IN ACCORDANCE WITH AWWA 005 C 652-02 DISINFECTION OF WATER STORAGE FACILITIES AND KY REGULATIONS 401 KAR 6-015.
6. "TCWD1" SIGNAGE IS REQUIRED ON TOWN TANK.
7. CONTRACTOR SHALL REPOSITION ANTENNAS DURING CONSTRUCTION THEN RETURN TO PREVIOUS POSITION.

RECORD DRAWINGS

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BY: KENTUCKY ENGINEERING GROUP, PLLC DATE: 02/18



AERIAL PLAN - KINGS RIDGE TANK

SCALE: 1" = 100'



ELEVATION VIEW - KINGS RIDGE TANK

NOT TO SCALE



GROUND VIEW - KINGS RIDGE TANK

NOT TO SCALE

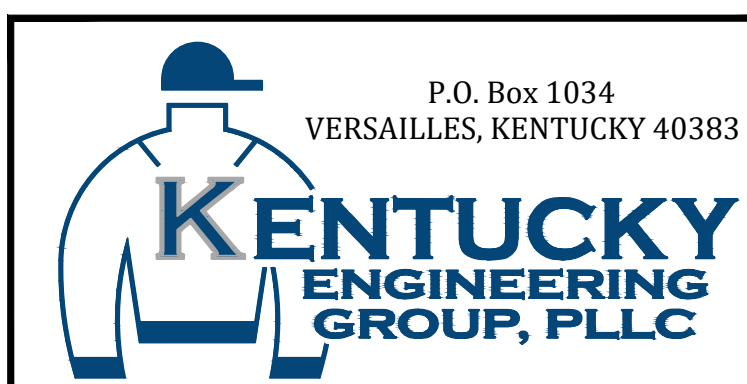
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NO.	DATE	REVISIONS	BY

DATE:	APRIL 2016
PROJECT MGR:	LRS
DRAWN BY:	JAB
CHECKED BY:	LRS
SCALE:	AS NOTED
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2016 WATER SYSTEM IMPROVEMENTS - CONTRACT 2 FOR TRIMBLE COUNTY WATER DISTRICT NO. 1 BEDFORD, KENTUCKY

WATER STORAGE TANK IMPROVEMENTS REPAINTING PLAN TOWN TANK KINGS RIDGE TANK

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