



December 2, 2015

Mr. Jeff Derouen, Executive Director
Public Service Commission
P.O. Box 615
Frankfort, KY 40602

Re: Case No. 2014-00157

Dear Mr. Derouen:

Please be advised that the above referenced project for the Western Pulaski County Water District has been successfully completed and is in operation. Attached please find a CD copy of the Record Drawings. Should you need additional information, please advise.

Sincerely,

A handwritten signature in blue ink, which appears to read 'David M. Bowles'.

David M. Bowles, P.E.

/dmb

Cc Don Calder, Chairman
Western Pulaski County Water District

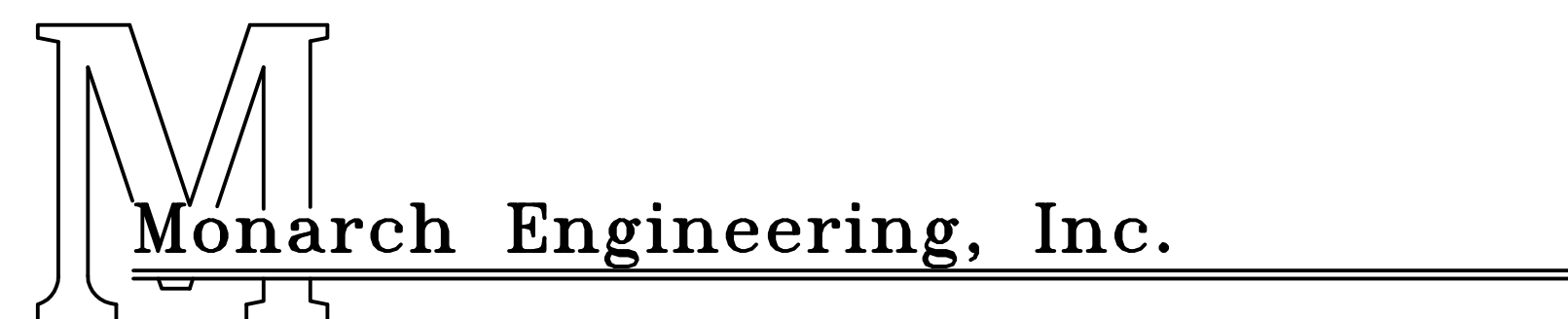
Attachment

WESTERN PULASKI COUNTY WATER DISTRICT BRIDGE HOLLOW AREA WATER SYSTEM EXTENSIONS & REPLACEMENTS PULASKI COUNTY, KENTUCKY

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THIS PROJECT FUNDED BY:
U.S.D.A. RURAL DEVELOPEMENT



556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

WESTERN PULASKI COUNTY WATER DISTRICT

DON CALDER, CHAIRMAN

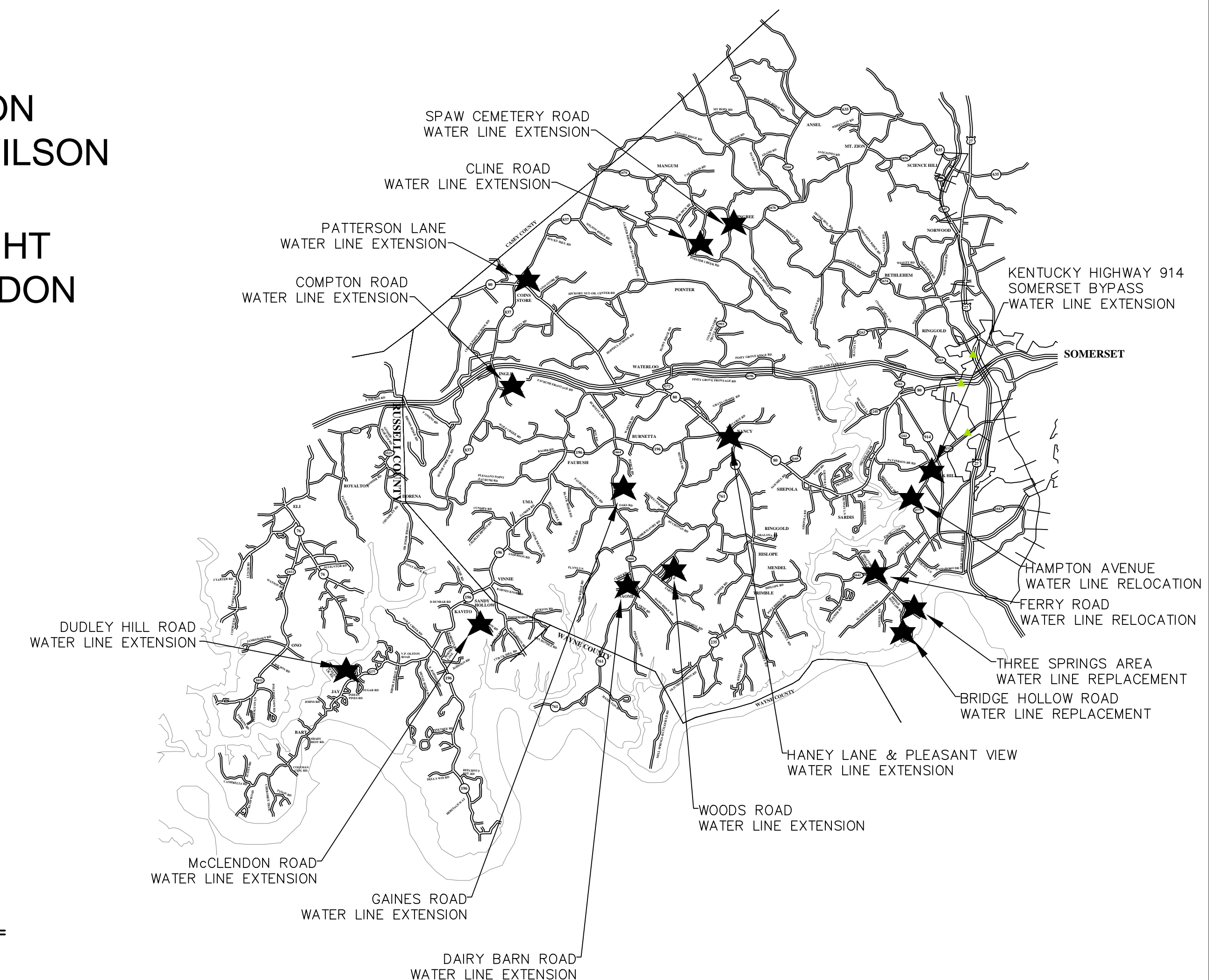
JIMMY DALTON	JOEL WILSON
TEDDY ROBERTS	RANDALL WILSON

OFFICE MANAGER - TAMMY VAUGHT
UTILITIES MANAGER - JOE McCLENDON

ATTORNEY - JOHN PRUITT

AUGUST 2013

LOCATION MAP



RECORD DRAWINGS

GENERAL NOTES TO CONTRACTOR

- BEFORE CONSTRUCTION BEGINS NEAR OR THROUGH EXISTING UTILITIES (i.e. GAS CO., TELEPHONE CO., CABLE CO., ETC.) EACH UTILITY COMPANY SHALL BE NOTIFIED. A REQUEST FOR THE EXACT LOCATION OF THE UTILITY SHALL BE MADE, AND PERMISSION TO PROCEED WITH CONSTRUCTION OBTAINED.
- BEFORE CONSTRUCTION BEGINS THROUGH ANY PROPERTY, THE CONTRACTOR SHALL MAKE HIMSELF AWARE OF THE EXACT LOCATION OF CONSTRUCTION THROUGH THE PROPERTY AND THE BOUNDS OF THE PERMANENT AND TEMPORARY CONSTRUCTION EASEMENTS.
- THE CONTRACTOR SHALL HAVE ON HAND AT THE JOB SITE 22, 45, AND 90 DEGREE BENDS TO ALLOW FOR THEIR USE WHERE WESTERN PULASKI COUNTY WATER DISTRICT REQUESTS INSTALLATION AS NECESSARY.
- PIPE JOINT DEFLECTION IS NOT TO EXCEED MANUFACTURER'S ALLOWABLE LIMITS.
- CONNECTING NEW LINES TO EXISTING LINES OR TO WORK IN THEIR CONTRACTS IS SUBSIDIARY TO THE CONTRACT. IT INCLUDES FITTINGS, SLEEVES, ETC., BUT DOES NOT INCLUDE GATE VALVES, WHICH ARE EXTRA PAY ITEM.
- THE CONTRACTOR SHALL FREE BORE ALL ASPHALT AND CONCRETE RESIDENTIAL DRIVEWAYS IN DIRT AND OPEN CUT IN ROCK AS DIRECTED BY THE WESTERN PULASKI COUNTY WATER DISTRICT AND ENGINEER. THE CONTRACTOR SHALL EXCAVATE FROM EITHER SIDE OF ALL FENCES TO AVOID CUTTING. FENCE CUTTING AND REPAIR SHALL BE LIMITED TO UNIQUE CONDITIONS WHERE APPROVED BY WESTERN PULASKI COUNTY WATER DISTRICT.
- ALL STREAM AND RIVER CROSSINGS GREATER THAN 15 FEET WIDE SHALL HAVE GATE VALVES INSTALLED ON EACH SIDE OF THE CROSSING. THE VALVE ON THE SOURCE SIDE SHALL HAVE A BYPASS SERVICE METER INSTALLED FOR LEAK DETECTION.
- ALL WATER LINES WITHIN 200 FEET RADIUS OF UNDERGROUND STORAGE TANKS (KRS-224.6-100), PETROLEUM STORAGE TANKS (KRS-224.60-115) AND ASSOCIATED PUMPS AND LINES SHALL BE DUCTILE IRON PIPE WITH PETROLEUM RESISTANT JOINTS AND ALL SERVICE LINE SHALL BE COPPER.
- WATER MAINS CROSSING SEWERS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER. THIS SHALL BE THE CASE WHERE THE WATER MAIN IS ABOVE OR BELOW THE SEWER AT CROSSINGS, ONE FULL LENGTH OF THE WATER PIPE SHALL BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. SPECIAL STRUCTURAL SUPPORT FOR THE WATER AND SEWER PIPES MAY BE REQUIRED.
- WATER MAINS INSTALLED PARALLEL TO SEWERS SHALL BE LAID TO PROVIDE A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER MAIN.
- THE CONTRACTOR SHALL NOT BE ALLOWED TO MAINTAIN PERSONNEL RESIDENCY FOR ANY EMPLOYEE ON THE CONSTRUCTION SITE.
- WHEN WORKING ALONG THE COMMONWEALTH OF KENTUCKY RIGHT OF WAY, THE CONTRACTOR SHALL BE ADVISED THAT THE WATER LINES SHALL NOT BE PLACED IN FILL AREAS.
- WHEN PERFORMING WORK ALONG OR ACROSS ANY PUBLIC ROADWAY, THE CONTRACTOR SHALL POST WARNING SIGNS PAINTED ORANGE AND THEY SHALL BE FOUR (4) FEET BY FOUR (4) FEET MOUNTED ON POSTS IN ACCORDANCE WITH THE KENTUCKY TRANSPORTATION DEPARTMENT'S MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THE SIGNS SHALL BE AS FOLLOWS:
 - CAUTION PIPELINE CONSTRUCTION 1500 FEET
 - CAUTION PIPELINE CONSTRUCTION 1000 FEET
 - CAUTION PIPELINE CONSTRUCTION 500 FEET
- THE CONTRACTOR SHALL MAINTAIN TWO (2) FLAG MEN AT ALL TIMES WHERE MACHINERY IS IN OPERATION WHEN WORKING THE FLOW OF TRAFFIC WILL BE DISTURBED. THERE IS NO EXCEPTION TO THIS REQUIREMENT. THE USE OF RADIOS WILL BE REQUIRED WHEN VISUAL CONTACT BETWEEN THE FLAG MEN DOES NOT EXIST.
- ALL SIGNS, BARRICADES, LIGHTS AND TRAFFIC CONTROL SHALL BE INSTALLED IN ACCORDANCE WITH THE KENTUCKY TRANSPORTATION DEPARTMENT'S MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- AT THE COMPLETION OF EACH WORK DAY, THE CONTRACTOR SHALL BACKFILL ALL OPEN TRENCHES AND INSTALL ALL TRAFFIC CONTROL SIGNS, BARRICADES AND LIGHTS IN ACCORDANCE WITH THE KENTUCKY TRANSPORTATION DEPARTMENT'S MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ENTIRE ROADWAY FREE AND CLEAR AT THE END OF EACH WORKING DAY. NO EQUIPMENT SHALL BE LEFT ON OR PARKED ALONG THE ROAD RIGHT OF WAY.
- ALL NECESSARY STEPS SHALL BE TAKEN TO PREVENT EROSION OR SILTATION OF THE PUBLIC RIGHT OF WAY, ADJOINING PROPERTY AND WATER WAYS.

WATER LINE GENERAL NOTES

- ALL WATER LINES SHALL BE POLYVINYL CHLORIDE PIPE (PVC) CONFORMING TO ASTM SPECIFICATIONS D-1784 FOR MATERIAL AND SHALL BE CLASS 250 (SDR 17) OR CLASS 200 (SDR 21) AS SHOWN ON THE DRAWINGS. ALL JOINTS SHALL BE SLIP-TYPE WITH RUBBER GASKETS CONFORMING TO ASTM-1869.
- FITTINGS SHALL BE DUCTILE IRON CLASS 250 IN ACCORDANCE WITH AWWA C111-71 (ANSI A21.10).
- ALL VALVES SHALL CONFORM TO AWWA C500.
- CONSTRUCTION PRACTICES AND PROCEDURES SHALL CONFORM TO CURRENT AWWA STANDARDS AND BE APPROVED BY THE WESTERN PULASKI COUNTY WATER DISTRICT.
- AFTER INSTALLATION, WATER LINES SHALL BE DISINFECTED WITH A CHLORINE SOLUTION IN SUCH AMOUNTS AS TO PRODUCE A CONCENTRATION OF AT LEAST FIFTY (50) PPM AND A RESIDUAL OF AT LEAST TWENTY-FIVE (25) PPM AT THE END OF THE 24 HOURS AND FOLLOWED BY THROUGH FLUSHING.
- MINIMUM COVER OF WATER LINES SHALL BE 30 INCHES. WATER LINE WITHIN COMMONWEALTH OF KENTUCKY RIGHT-OF-WAYS SHALL HAVE A MINIMUM COVER OF 42-INCHES.
- CONTRACTOR SHALL FULLY COMPLY WITH ALL LOCAL, STATE AND FEDERAL SAFETY AND ENVIRONMENTAL REGULATIONS GOVERNING UTILITY CONSTRUCTION.
- ALL WATER LINE CROSSING PAVED SURFACE SHALL BE BACKFILLED FULL DEPTH WITH COMPACTED CRUSHED STONE.
- EXISTING AND PROPOSED WATER MAIN LOCATIONS SHALL BE VERIFIED BY WESTERN PULASKI COUNTY WATER DISTRICT PRIOR TO CONSTRUCTION.
- ALL PIPE AND FITTINGS SHALL HAVE A MINIMUM OF 6-INCHES OF BEDDING OF DIRT UNDER AND ON BOTH SIDES OF PIPE UNLESS OTHERWISE SPECIFIED. ALL PIPE AND FITTING SHALL BE BACK-FILLED WITH DIRT UNLESS OTHERWISE SPECIFIED.
- ALL FITTINGS: 90° BENDS, TEES, ETC., SHALL BE BLOCK WITH A MINIMUM OF 12-INCHES POURED CONCRETE AGAINST UNDISTURBED SOIL.
- ALL GATE VALVES SHALL TURN RIGHT TO CLOSE AND TURN LEFT TO OPEN.
- ALL VALVES SHALL BE C.I. VALVE BOXES EXTENDING 2-INCHES ABOVE SURFACE.
- ALL FLUSH HYDRANTS SHALL BE STANDARD 2-WAY 5 1/4-INCHES BREAKAWAY TYPE WITH A MINIMUM 3 1/2- FEET BURY AND TURN LEFT TO OPEN AND RIGHT TO CLOSE.
- ALL PROPOSED WATER LINES SHALL HAVE A #12 COATED TRACER WIRE.
- ALL FLUSH HYDRANTS, WATER VALVES AND FITTINGS SHALL HAVE RESTRAINER GLANDS.
- ALL WATER LINES SHALL BE PRESSURE TESTED TO 150 PSI FOR A MINIMUM OF FOUR (4) HOURS.
- CONTRACTOR SHALL PROVIDE BACTERIAL SAMPLE RESULTS OF PROPOSED WATER LINES TO THE WESTERN PULASKI COUNTY WATER DISTRICT.

OWNER

WESTERN PULASKI COUNTY WATER DISTRICT
 1059 WEST HIGHWAY 80
 SOMERSET, KY 42503
 (606) 679-1569

LINE/CABLE LOCATION SERVICES



BEFORE-U-DIG (BUD)
 (800) 752-6007

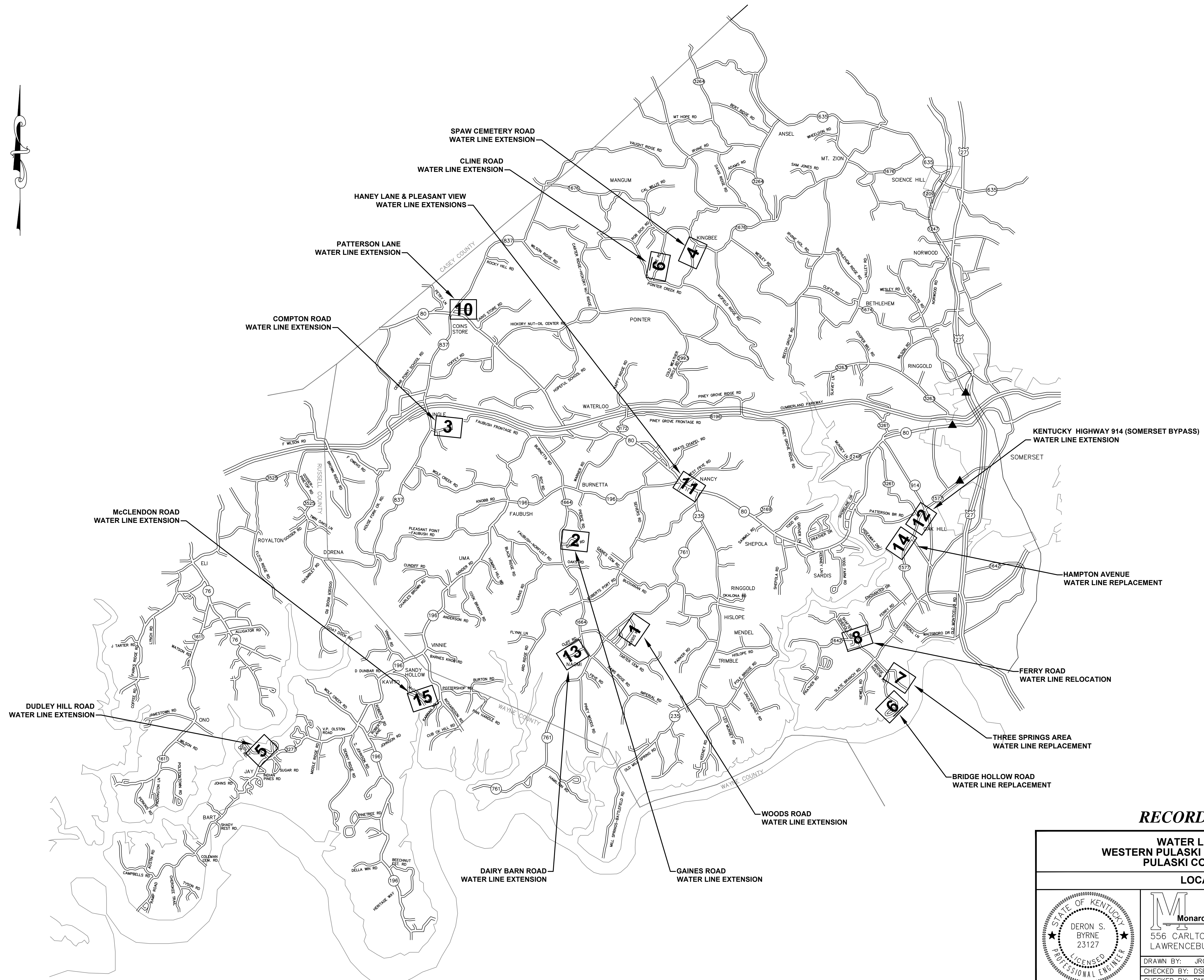
NOTE:
 KENTUCKY STATUTES (KRS 367.4901 THROUGH 367.4917) REQUIRE THAT ALL EXCAVATORS PLANNING EXCAVATION OR DEMOLITION WORK SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA AND/OR AN UNDERGROUND PROTECTION SERVICE SUCH AS BUD (800-752-6007) AT LEAST TWO (2) WORKING DAYS BEFORE COMMENCING WORK TO ALERT UTILITY COMPANIES IN THE AREA WITH UNDERGROUND FACILITIES OF THE PLANNED EXCAVATION OR DEMOLITION ACTIVITIES.

RECORD DRAWINGS

WATER SYSTEM EXTENSIONS & IMPROVEMENTS
 WESTERN PULASKI COUNTY WATER DISTRICT
 PULASKI COUNTY, KENTUCKY

GENERAL NOTES

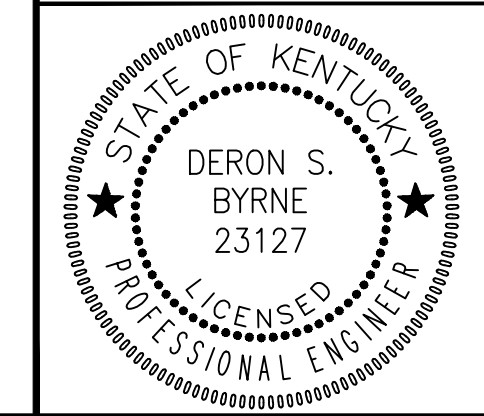
	Monarch Engineering, Inc. 556 CARLTON DRIVE LAWRENCEBURG, KY 40342		SHEET G-1	
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	CHECKED BY: DSB	SCALE: N.T.S.		
	CHECKED BY: DMB	PROJECT: 1319		



RECORD DRAWINGS

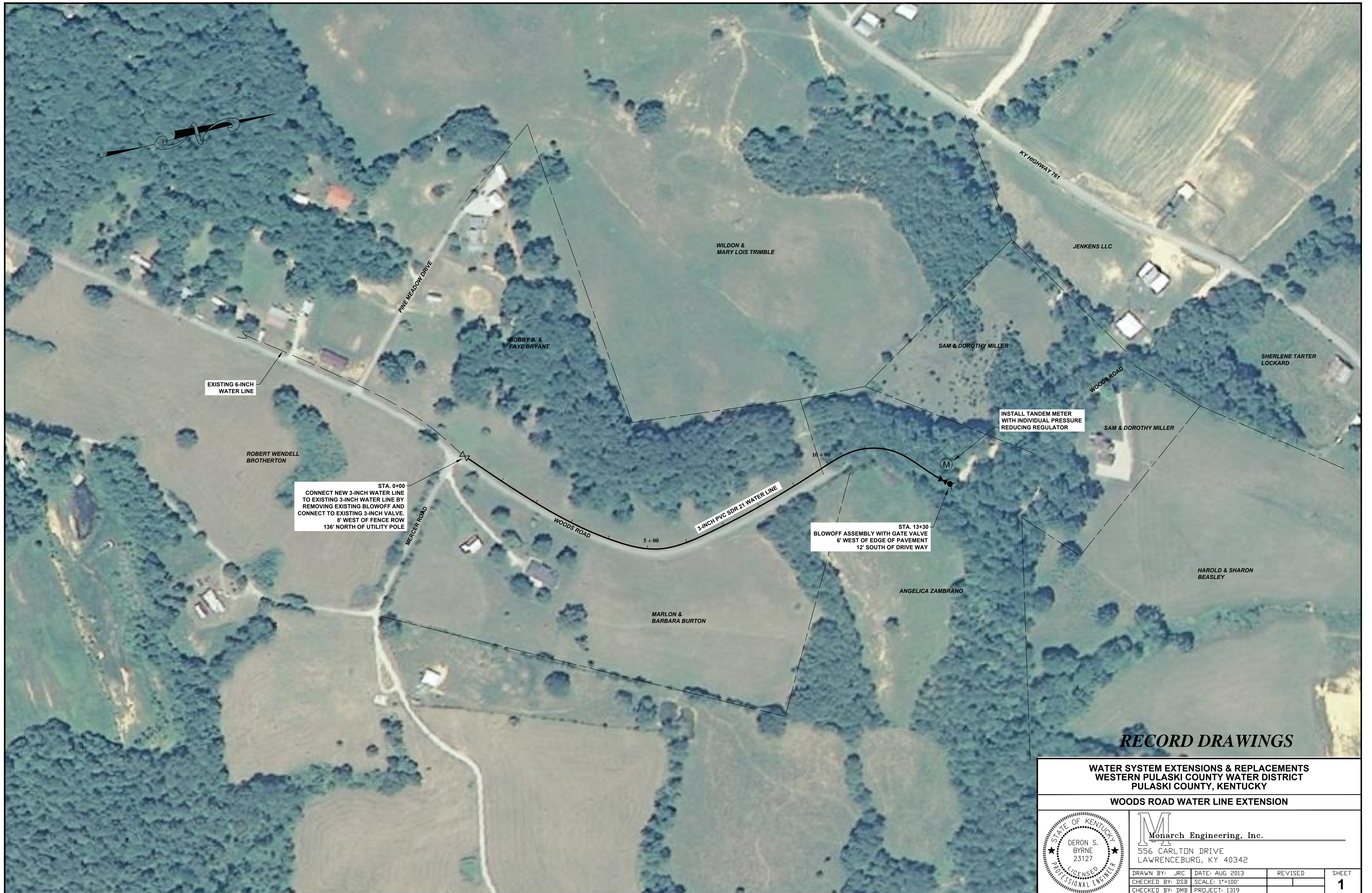
**WATER LINE EXTENSION
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY**

LOCATION MAP



Monarch Engineering, Inc.
556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: JULY 2013	REVISED	SHEET
CHECKED BY: DSB	SCALE: 1"=100'		LM-1
CHECKED BY: DMB	PROJECT: 1319		



EXISTING 6-INCH WATER LINE

STA. 0+00
 CONNECT NEW 3-INCH WATER LINE TO EXISTING 3-INCH WATER LINE BY REMOVING EXISTING BLOWOFF AND CONNECT TO EXISTING 3-INCH VALVE. 8' WEST OF FENCE ROW 136' NORTH OF UTILITY POLE

3-INCH PVC SDR 21 WATER LINE

STA. 13+30
 BLOWOFF ASSEMBLY WITH GATE VALVE 6' WEST OF EDGE OF PAVEMENT 12' SOUTH OF DRIVE WAY

INSTALL TANDEM METER WITH INDIVIDUAL PRESSURE REDUCING REGULATOR

RECORD DRAWINGS

WATER SYSTEM EXTENSIONS & REPLACEMENTS
 WESTERN PULASKI COUNTY WATER DISTRICT
 PULASKI COUNTY, KENTUCKY

WOODS ROAD WATER LINE EXTENSION



M
 Monarch Engineering, Inc.
 556 CARLTON DRIVE
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: AUG 2013	REVISED	SHEET
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CHECKED BY: DMB	PROJECT: 1319		



RECORD DRAWINGS

**WATER SYSTEM EXTENSIONS & REPLACEMENTS
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY**

CHARLES GAINES ROAD WATER LINE EXTENSION



Monarch Engineering, Inc.
556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: AUG 2013	REVISED	SHEET
CHECKED BY: DSB	SCALE: 1"=100'		2
CHECKED BY: DMB	PROJECT: 1319		



STA. 0+00
CONNECT NEW 3-INCH WATER LINE TO
EXISTING 3-INCH WATER LINE WITH
3-INCHx3-INCH TAPPING SLEEVE AND VALVE.
9' SOUTH OF EDGE OF VAUGHN ROAD
45' SOUTHWEST OF TELEPHONE PEDISTAL

20 LF OF BORE & CASE
FOR 3-INCH WATER LINE

3-INCH PVC SDR 21 WATER LINE

STA. 21+00
BLOWOFF ASSEMBLY WITH GATE VALVE.
4' NORTH OF ROAD
7' NORTHWEST OF GATE POST

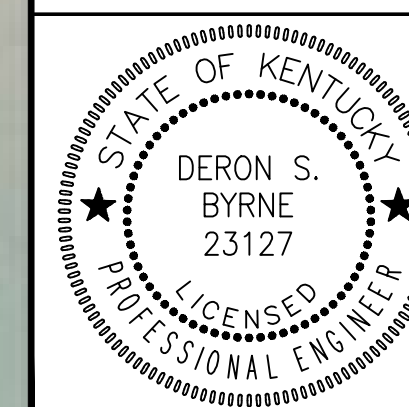
INSTALL METER
SETTING

INSTALL METER SETTING WITH
INDIVIDUAL PRESSURE
REDUCING REGULATOR

RECORD DRAWINGS

WATER SYSTEM EXTENSIONS & REPLACEMENTS
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY

COMPTON ROAD WATER LINE EXTENSION



M
Monarch Engineering, Inc.
556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: AUG 2013	REVISED	SHEET
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CHECKED BY: DMB	PROJECT: 1319		



EXISTING 6-INCH
WATER LINE

KY HIGHWAY 167B

DAVID E. HINES

GERALD HINES

HERMAN WAYNE HINES

PATRICIA ADAMS
c/o REGINA THOMAS

SPAW CEMETERY ROAD

COYE V., ROSE & THOMAS C. DICK

COYE V., ROSE & THOMAS C. DICK

INSTALL 3-INCH PVC
SDR 17 WATER LINE

BURNADEAN STEPHENS

ROLLIN D. STEPHENS

STA. 0+00
CONNECT NEW 3-INCH WATER LINE TO EXISTING
3-INCH WATER LINE WITH 3-INCH GATE VALVE.
6' SOUTH OF DRIVEWAY
6' NORTHEAST OF UTILITY POLE

STA. 12+70
BLOWOFF ASSEMBLY WITH 3-INCH GATE VALVE
5' WEST OF EDGE OF BLACKTOP
8' SOUTH OF DRIVEWAY

RECORD DRAWINGS

**WATER SYSTEM EXTENSIONS & REPLACEMENTS
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY**

SPAW CEMETERY ROAD WATER LINE EXTENSION



Monarch Engineering, Inc.
556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

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CHECKED BY: DMB	PROJECT: 1319		



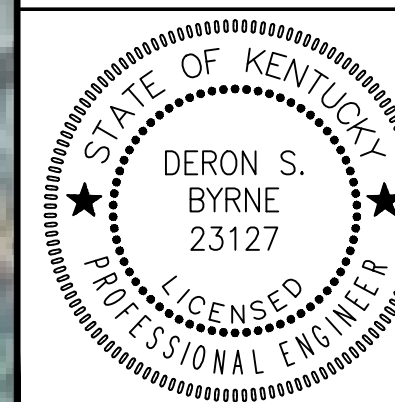
STA. 0+00
 CONNECT NEW 3-INCH WATER LINE TO EXISTING
 3-INCH WATER LINE 3-INCHx3-INCH TAPPING
 SLEEVE AND VALVE AND 30 LF OF BORE & CASE.
 CONNECTION LOCATED 5' SOUTH OF PAVEMENT
 41' WEST OF 16" CULVERT

STA. 11+50
 BLOWOFF ASSEMBLY WITH
 3-INCH GATE VALVE

RECORD DRAWINGS

WATER SYSTEM EXTENSIONS & REPLACEMENTS
 WESTERN PULASKI COUNTY WATER DISTRICT
 PULASKI COUNTY, KENTUCKY

DUDLEY HILL ROAD WATER LINE EXTENSION



M Monarch Engineering, Inc.
 556 CARLTON DRIVE
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: AUG 2013	REVISED	SHEET
CHECKED BY: DSB	SCALE: 1"=100'		5
CHECKED BY: DMB	PROJECT: 1319		



STA. 0 + 00
 CONNECT NEW 3-INCH WATER LINE TO
 EXISTING 3-INCH WATER LINE WITH
 3-INCHx3-INCH TAPPING SLEEVE AND VALVE.
 CONNECTION LOCATED 6' SOUTH OF FENCE
 19' WEST OF FENCE

INSTALL CUT & CAP WITH
 CONCRETE THRUST RESTRAINT
 ON EXISTING 3-INCH WATER LINE

STA. 11 + 50
 INSTALL BLOWOFF ASSEMBLY
 AND GATE VALVE

STA. 33 + 30
 INSTALL BLOWOFF ASSEMBLY
 AND GATE VALVE

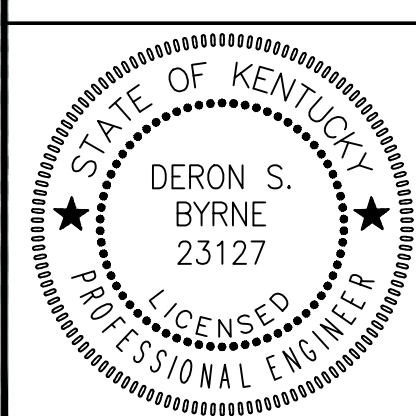
INSTALL 30 LF OF OPEN CUT &
 CASE FOR 3-INCH WATER LINE

STA. 0 + 00
 3-INCH GATE VALVE
 7' WEST OF BLACKTOP EDGE
 8' NORTH OF BRIDGE HOLLOW ROAD

RECORD DRAWINGS

**WATER SYSTEM EXTENSIONS & REPLACEMENTS
 WESTERN PULASKI COUNTY WATER DISTRICT
 PULASKI COUNTY, KENTUCKY**

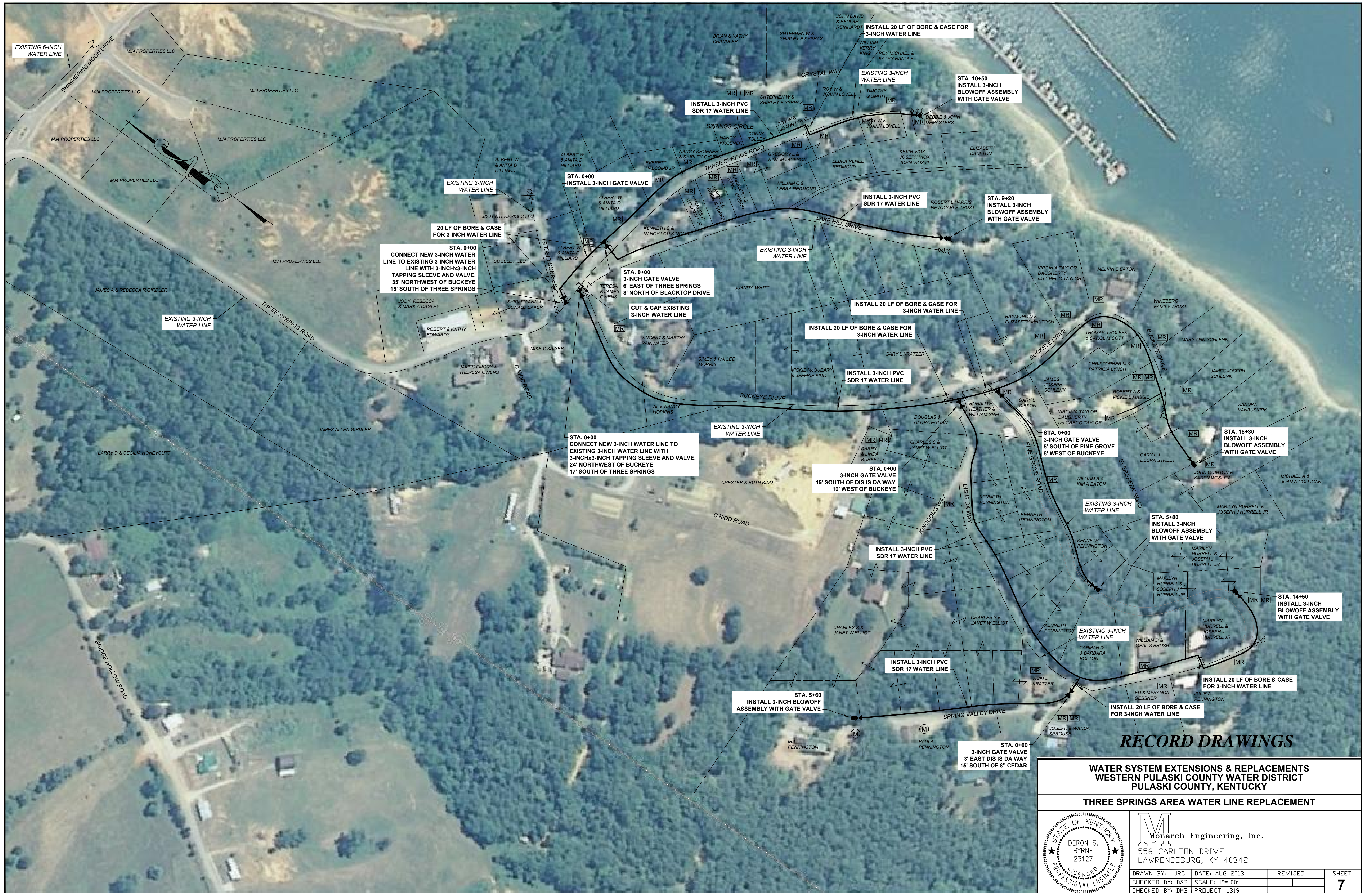
BRIDGE HOLLOW ROAD WATER LINE REPLACEMENT



Monarch Engineering, Inc.
 556 CARLTON DRIVE
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: AUG 2013	REVISED	SHEET
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CHECKED BY: DSB	PROJECT: 1319		

LAKE CUMBERLAND



RECORD DRAWINGS

**WATER SYSTEM EXTENSIONS & REPLACEMENTS
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY**

THREE SPRINGS AREA WATER LINE REPLACEMENT



Monarch Engineering, Inc.
556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: AUG 2013	REVISED	SHEET
CHECKED BY: DSB	SCALE: 1"=100'		7
CHECKED BY: DMB	PROJECT: 1319		



INSTALL 4-INCH WATER LINE ALONG COMMONWEALTH OF KENTUCKY RIGHT-OF-WAY. INSTALL 4-INCH WATER LINE ON BACK SIDE OF EXISTING 6-INCH WATER LINE, 8'-0" FROM EDGE OF PAVEMENT.

STA. 0 + 00
CONNECT NEW 4-INCH WATER LINE TO EXISTING 6-INCH WATER LINE WITH 6-INCHx4-INCH TAPPING SLEEVE AND VALVE

CUT & CAP WITH THRUST RESTRAINT ON EXISTING 4-INCH WATER LINE

WATER LINE TO BE ABANDONED

STA. 4 + 80
CONNECT NEW 4-INCH WATER LINE TO EXISTING 4-INCH WATER LINE WITH 4-INCHx4-INCH TAPPING SLEEVE AND VALVE.

- GENERAL NOTES:
1. UNDERGROUND UTILITIES WITHIN COMMONWEALTH OF KENTUCKY RIGHT-OF-WAY SHALL BE INSTALLED WITH A MINIMUM DEPTH OF COVER OF 42 INCHES .
 2. UNDERGROUND UTILITIES SHALL NOT BE INSTALLED IN EMBANKMENT FILLS OR BETWEEN EDGE OF PAVEMENT AND DITCHLINE UNLESS SPECIFICALLY NOTED ON PERMITTED PLANS.
 3. CONTACT THE DISTRICT PERMITS ENGINEER AT KTC-DOH DISTRICT #8, SOMERSET, KY AT (606) 677-4017 PRIOR TO BEGINNING WORK.
 4. ALL NECESSARY STEPS SHALL BE TAKING TO PREVENT EROSION OR SILTATION OF THE PUBLIC RIGHT-OF-WAY, ADJOINING PROPERTY AND WATERWAYS.
 5. THE CLEARING OF LARGE TREES AND BRUSH SHALL BE DONE AS REQUIRED TO FACILITATE PROPER WATER LINE INSTALLATION. CLEARING SHALL BE ACCOMPLISHED AS REQUIRED, BUT NOT IN EXCESS. THE STATE RIGHT-OF-WAY SHALL BE LEFT FREE OF ANY AND ALL DEBRIS INCLUDING TREES, BRUSH, LARGE ROCK, ETC. REMOVAL OF SUCH DEBRIS IS THE SOLE RESPONSIBLY OF THE CONTRACTOR.

RECORD DRAWINGS

**WATER SYSTEM EXTENSIONS & REPLACEMENTS
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY**

FERRY ROAD WATER LINE RELOCATION

	Monarch Engineering, Inc. 556 CARLTON DRIVE LAWRENCEBURG, KY 40342	
	DRAWN BY: JRC	DATE: AUG 2013
	CHECKED BY: DSB	SCALE: 1"=50'
CHECKED BY: DMB	PROJECT: 1319	8



STA. 0 + 00
 CONNECT NEW 3-INCH WATER LINE TO
 EXISTING 3-INCH WATER LINE BY
 REMOVING EXISTING BLOWOFF ASSEMBLY.
 LAT: 37° 09' 08" N
 LONG: 84° 45' 23" W

STA. 15 + 50
 INSTALL 3-INCH BLOWOFF
 ASSEMBLY AND GATE VALVE.

**WATER SYSTEM EXTENSIONS & REPLACEMENTS
 WESTERN PULASKI COUNTY WATER DISTRICT
 PULASKI COUNTY, KENTUCKY**

CLINE ROAD WATER LINE EXTENSION

	 Monarch Engineering, Inc. 556 CARLTON DRIVE LAWRENCEBURG, KY 40342		DATE: AUG 2013 REVISIONS:	SHEET 9
	DRAWN BY: JRC	SCALE: 1"=100'	REVISIONS:	
	CHECKED BY: DSB	PROJECT: 1319	REVISIONS:	



STA. 0+00
 CONNECT NEW 3-INCH WATER LINE TO
 EXISTING 6-INCH WATER LINE WITH
 6-INCHx3-INCH TAPPING SLEEVE & VALVE.
 LAT: 37° 08' 00.64" N
 LONG: 84° 51' 00.91" W
 18' NORTH OF EDGE OF PAVEMENT
 (PATTERSON LANE)
 48' EAST OF DITCH LINE (HWY 837)

STA. 18+40
 3-INCH BLOWOFF ASSEMBLY AND GATE VALVE.
 6' NORTH OF EDGE OF PAVEMENT
 38' WEST OF MAILBOX

EXISTING 6-INCH WATER LINE

RECORD DRAWINGS

WATER SYSTEM EXTENSIONS & REPLACEMENTS
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY

PATTERSON LANE WATER LINE EXTENSION



Monarch Engineering, Inc.
 556 CARLTON DRIVE
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: AUG 2013	REVISED	SHEET
CHECKED BY: DSB	SCALE: 1"=100'		10
CHECKED BY: DMB	PROJECT: 1319		



STA. 0+00
 CONNECT NEW 3-INCH WATER LINE TO
 EXISTING 8-INCH WATER LINE WITH
 8-INCHx3-INCH TAPPING SLEEVE & VALVE.
 8' EAST OF EDGE OF PAVEMENT (HANEY LANE)
 6' SOUTH OF EDGE OF PAVEMENT (HWY 80)

STA. 0+00
 CONNECT NEW 3-INCH WATER LINE TO
 EXISTING 8-INCH WATER LINE WITH
 8-INCHx3-INCH TAPPING SLEEVE & VALVE.
 4' WEST OF EDGE OF PAVEMENT
 (PLEASANT VIEW)
 1' NORTH OF 16" CULVERT

STA. 18 + 40
 3-INCH BLOWOFF ASSEMBLY AND GATE VALVE.
 6' NORTH OF EDGE OF PAVEMENT
 38' WEST OF MAILBOX

STA.
 3-INCH BLOWOFF ASSEMBLY

RECORD DRAWINGS

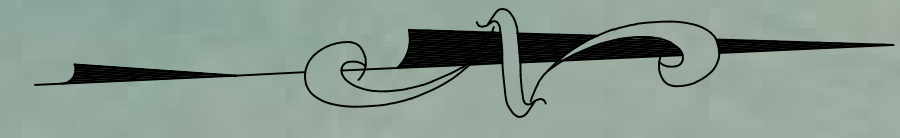
**WATER SYSTEM EXTENSIONS & REPLACEMENTS
 WESTERN PULASKI COUNTY WATER DISTRICT
 PULASKI COUNTY, KENTUCKY**

HANEY LANE & PLEASANT VIEW WATER LINE EXTENSIONS



Monarch Engineering, Inc.
 556 CARLTON DRIVE
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: AUG 2013	REVISED	SHEET
CHECKED BY: DSB	SCALE: 1"=100'		11
CHECKED BY: DMB	PROJECT: 1319		



MR. MCMUJO LLC

KENTUCKY HIGHWAY 914
M.P. 3.93

OAK HILL ROAD (KY 1577)

WTLO ROAD

KENTUCKY HIGHWAY 914
M.P. 3.40

6-INCHx6-INCH CONNECTION
WITH 6-INCH GATE VALVE:
19' NORTHEAST OF R/W CORNER
8' EAST OF R/W FENCE

INSTALL 12-INCH WATER LINE ALONG COMMONWEALTH OF
KENTUCKY RIGHT-OF-WAY. INSTALL 12-INCH WATER LINE
APPROXIMATELY 6 TO 10 FEET INSIDE RIGHT-OF-WAY
CONTROL ACCESS FENCE WHILE MAINTAINING A 5-FEET
PARALLEL DISTANCE FROM THE EXISTING GAS LINE.

WILLIAM S.
& LINDA G.
FERGUSON

HIDDEN PAK DRIVE
ACRES
PROPERTIES

TRUDY TRIMBLE

RICK BLEVINS

TERI A. NEW &
RICK BLEVINS
60 ALLENE BLVD. W/S

EXISTING 6-INCH
WATER LINE

OAK HILL
BAPTIST CHURCH

FARM CREDIT
MID AMERICA

EXISTING GAS LINE

EXISTING 12-INCH WATER LINE

EXISTING GAS LINE

EXISTING R/W

INSTALL 12-INCH WATER LINE
APPROXIMATELY 6 TO 10 FEET FROM
R/W CONTROL ACCESS FENCE WHILE
MAINTAINING A DISTANCE OF 5-FEET
PARALLEL FROM EXISTING GAS LINE

3-WAY FLUSH
HYDRANT ASSEMBLY
(TYP.)

INSTALL 12-INCH WATER LINE
APPROXIMATELY 6 TO 10 FEET FROM
R/W CONTROL ACCESS FENCE WHILE
MAINTAINING A DISTANCE OF 5-FEET
PARALLEL FROM EXISTING GAS LINE

12-INCHx6-INCH TEE

12-INCH GATE VALVE:
32' NORTHEAST OF R/W CORNER
24' EAST OF R/W FENCE
12-INCH CAP:
10' FROM GATE VALVE

INSTALL 100 LF OF BORE & CASE
FOR 12-INCH WATER LINE

STA. 0+00
CONNECT NEW 12-INCH WATER LINE TO
EXISTING 12-INCH WATER LINE BY REMOVING
CAP AND CONNECTING DIRECTLY INTO
EXISTING 12-INCH WATER LINE.
LAT: 37° 03' 06" N
LONG: 84° 38' 43" W

EXISTING
FUNERAL
HOME

12-INCH PVC SDR 21 WATER LINE

W HIGHWAY 914
(US 27 SOMERSET BYPASS)

12-INCH GATE VALVE
60' SOUTH OF DRIVEWAY
6' NORTHWEST OF FLUSH HYDRANT

40 LF OF BORE & CASE
FOR 12-INCH WATER LINE

EXISTING R/W

ALBERT & ELIZABETH BURTON

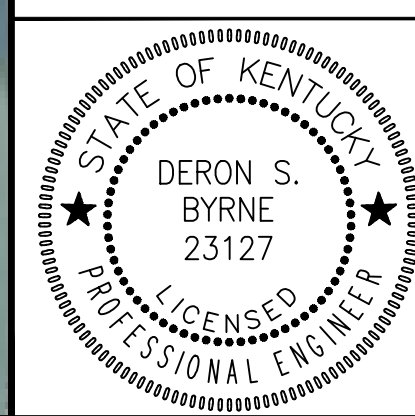
THE PEOPLE CHOICE
FUNERAL HOME

SUE C STEIN FAMILY TRUST

RECORD DRAWINGS

WATER LINE EXTENSION
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY

KENTUCKY HIGHWAY 914 (SOMERSET BYPASS) WATER LINE EXTENSION



M
Monarch Engineering, Inc.
556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: DEC 2013	REVISED	SHEET
CHECKED BY: DSB	SCALE: 1"=100'		12
CHECKED BY: DMB	PROJECT: 1319		

NEW 12-INCH WATER LINE
SHALL BE INSTALLED ALONG
COMMONWEALTH OF
KENTUCKY RIGHT-OF-WAY



INSTALL 30 LF OF BORE & CASE FOR 3-INCH WATER LINE

STA. 0+00
CONNECT NEW 3-INCH WATER LINE TO EXISTING 6-INCH WATER LINE WITH 6-INCHx3-INCH TAPPING SLEEVE & VALVE. CONNECTION LOCATED 4' SOUTH OF BLACKTOP DRIVE AND 24' EAST OF KENTUCKY HIGHWAY 1664

STA. 25+60
INSTALL 3-INCH BLOWOFF ASSEMBLY WITH GATE VALVE

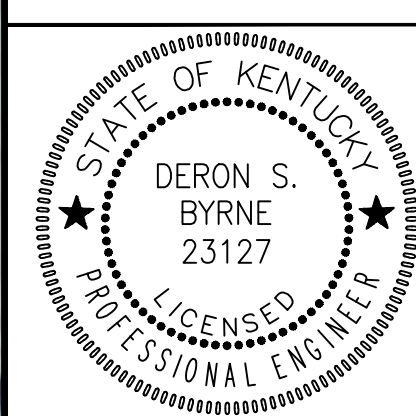
3-INCH PVC SDR 21 WATER LINE

15+00 DAIRY BARN ROAD

RECORD DRAWINGS

WATER SYSTEM EXTENSIONS & IMPROVEMENTS
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY

DAIRY BARN ROAD



M
Monarch Engineering, Inc.
556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: MAY 2015	REVISED	SHEET
CHECKED BY: DSB	SCALE: 1" = 100'		13
CHECKED BY: DMB	PROJECT: 1319		



6-INCH PVC SDR 21 WATER LINE

6-INCH GATE VALVE
8' EAST OF HAMPTON AVE.
10' SOUTH OF TODD BLVD.

EXISTING 6-INCH WATER LINE
TO BE ABANDONED

CUT & CAP EXISTING 6-INCH
WATER LINE. INSTALL 6-INCH
BLOWOFF ON EXISTING LINE.
5' NORTH OF TODD BLVD.
22' WEST OF CONCRETE DRIVEWAY

6-INCH PVC SDR 21
WATER LINE

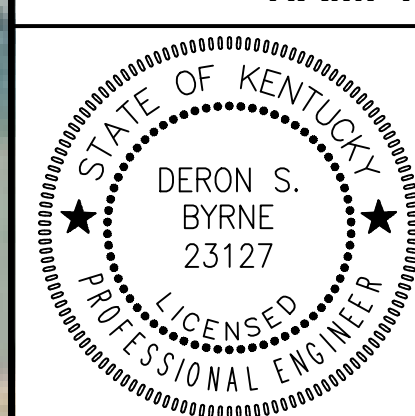
INSTALL 3-WAY
FLUSH HYDRANT

CONNECT NEW 6-INCH WATER LINE TO EXISTING
3-INCH WATER LINE, INSTALL 3-INCH GATE VALVE.
CONNECTION LOCATED
28' NORTH OF EDGE OF PAVEMENT ON KY HWY 1577
5' EAST OF EDGE OF PAVEMENT ON HAMPTON COURT

RECORD DRAWINGS

WATER SYSTEM EXTENSIONS & REPLACEMENTS
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY

HAMPTON AVENUE WATER LINE REPLACEMENT



Monarch Engineering, Inc.
556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: JAN 2015	REVISED	SHEET 14
CHECKED BY: DSB	SCALE: 1"=100'		
CHECKED BY: DMB	PROJECT: 1319		



STA. 6+00
INSTALL 3-INCH BLOWOFF
ASSEMBLY WITH GATE VALVE.

600 LF OF 3-INCH PVC SDR 21 WATER LINE
INSTALLED IN ROADWAY

STA. 0+00
CONNECT NEW 3-INCH WATER LINE TO EXISTING 3-INCH WATER
LINE WITH 3-INCHx3-INCH TAPPING SLEEVE AND GATE VALVE.
13' SOUTH OF 24" BEECH TREE
21' WEST OF 24" CULVERT

RECORD DRAWINGS

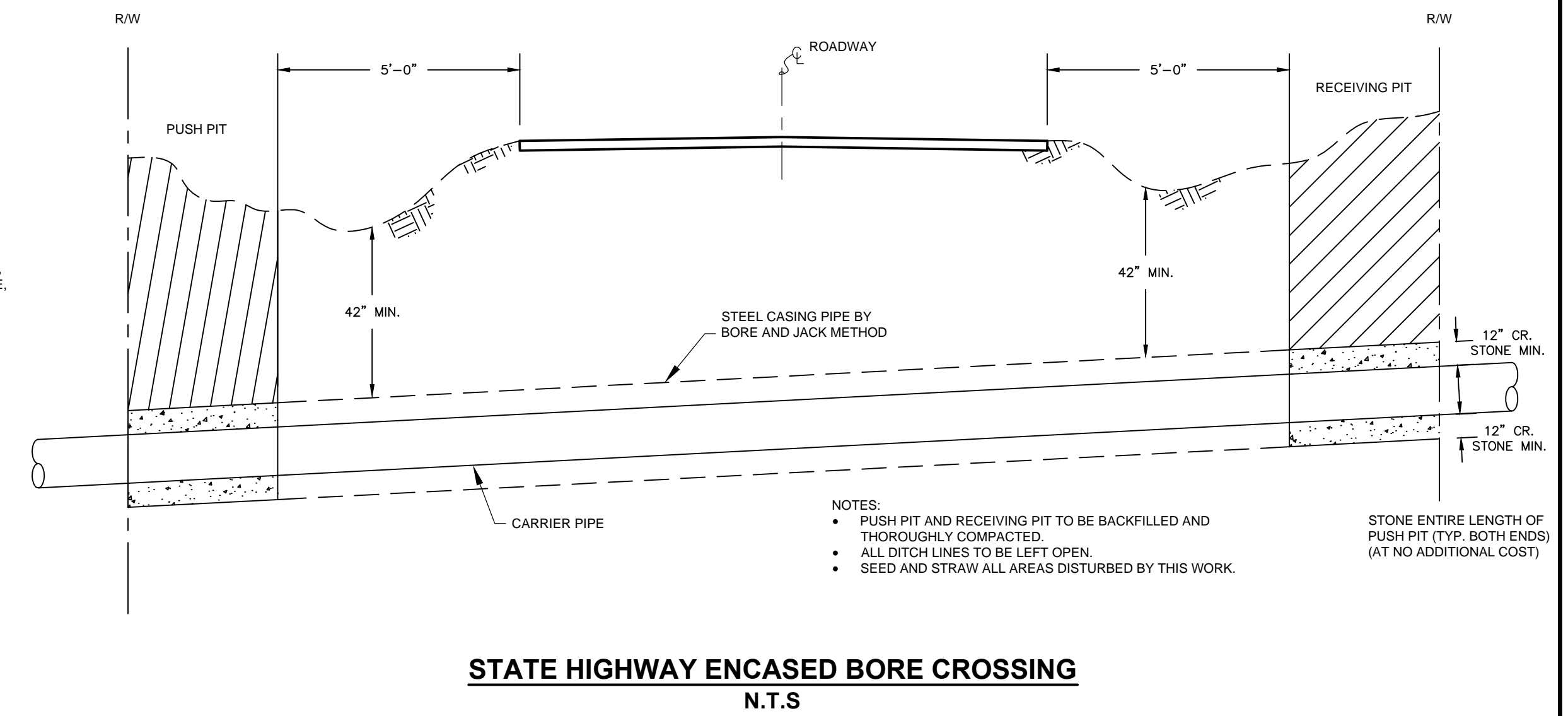
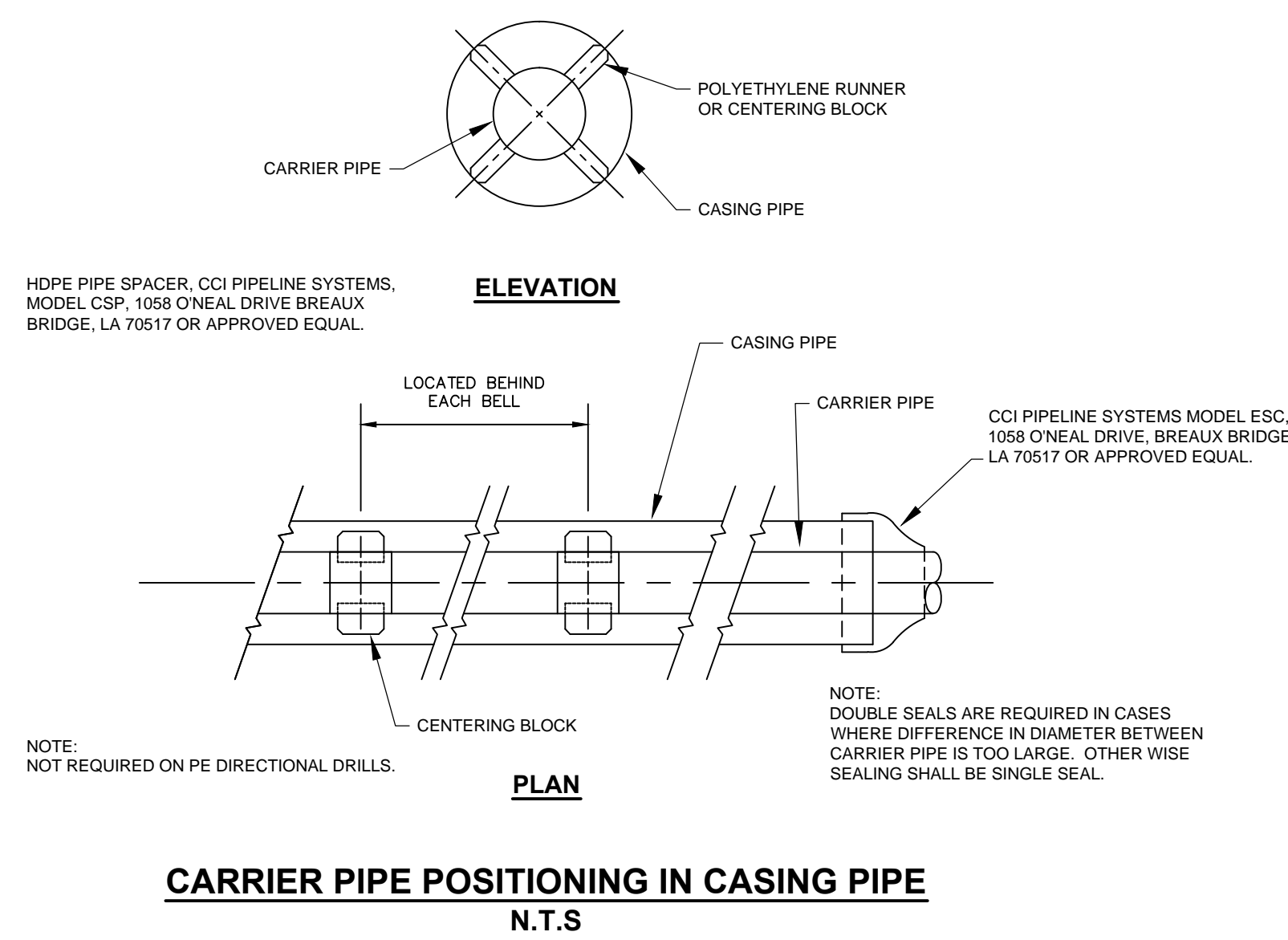
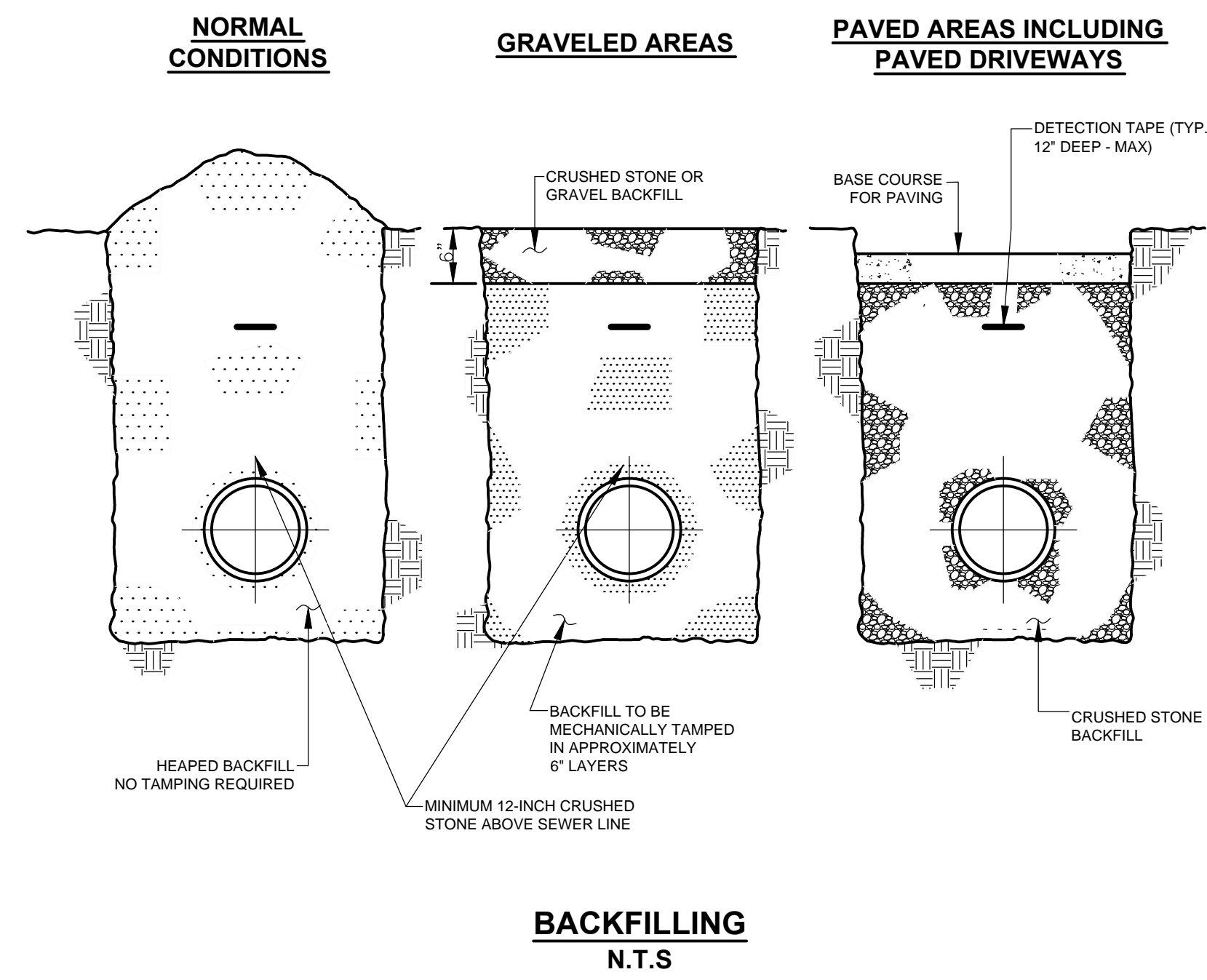
WATER SYSTEM EXTENSIONS & IMPROVEMENTS
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY

McCLENDON ROAD

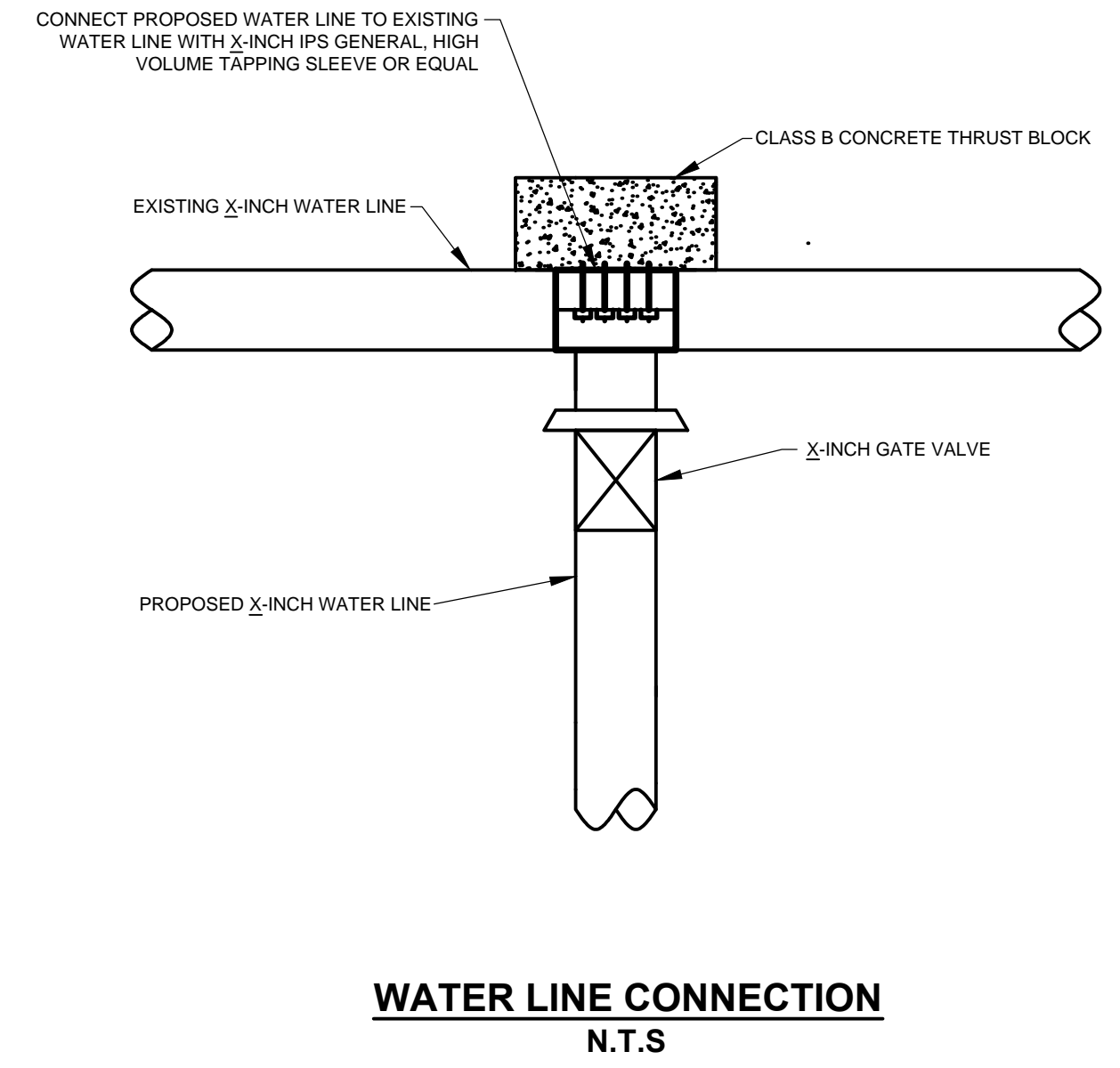
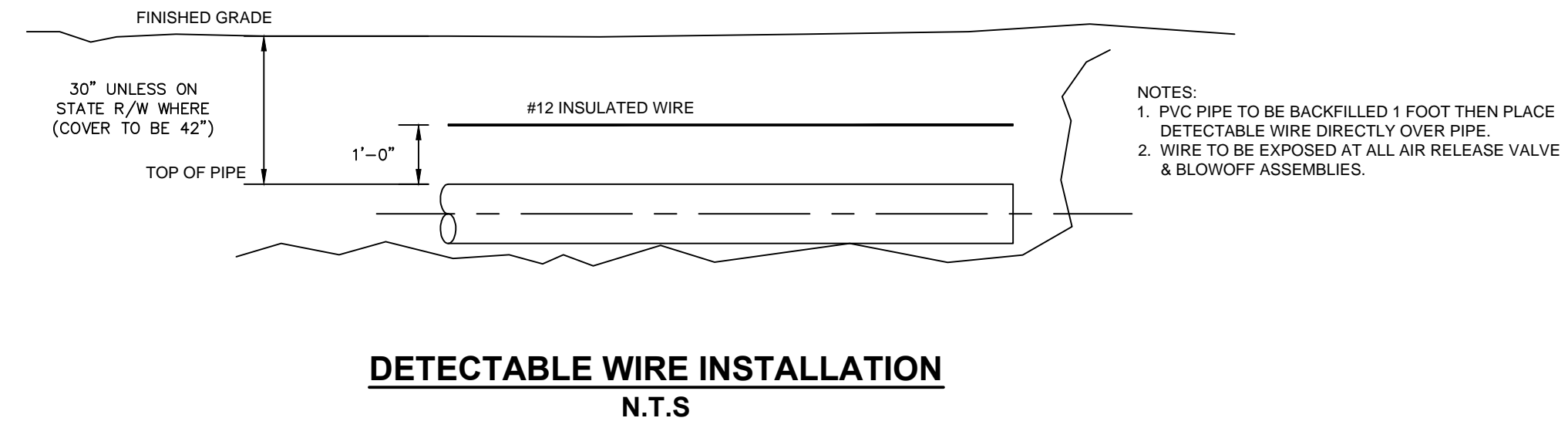
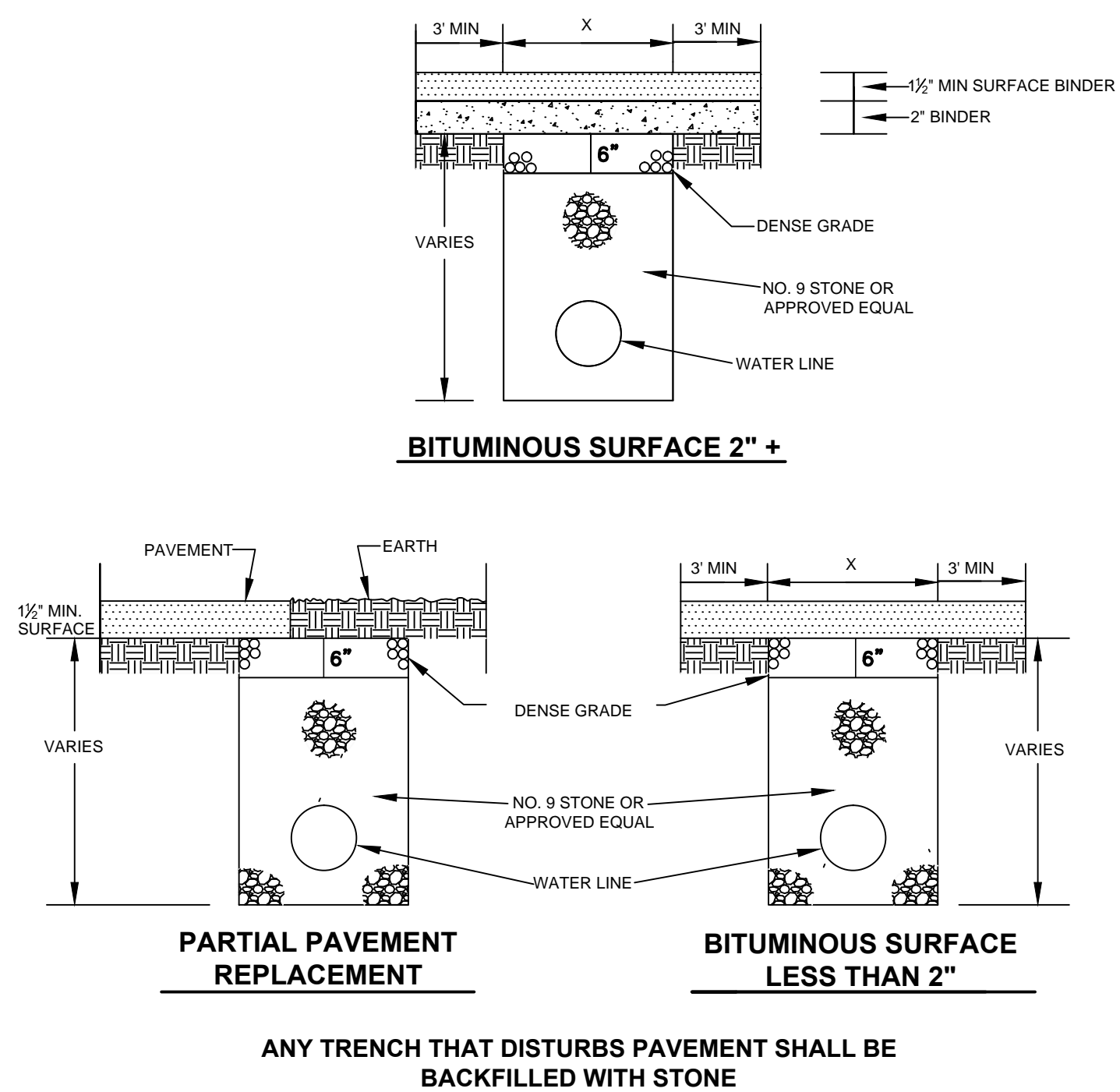


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556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: MAY 2015	REVISED	SHEET
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CHECKED BY: DMB	PROJECT: 1319		



REPLACE BITUMINOUS PAVEMENT WITH SAME TYPE AND DEPTH AS EXISTING PAVEMENT



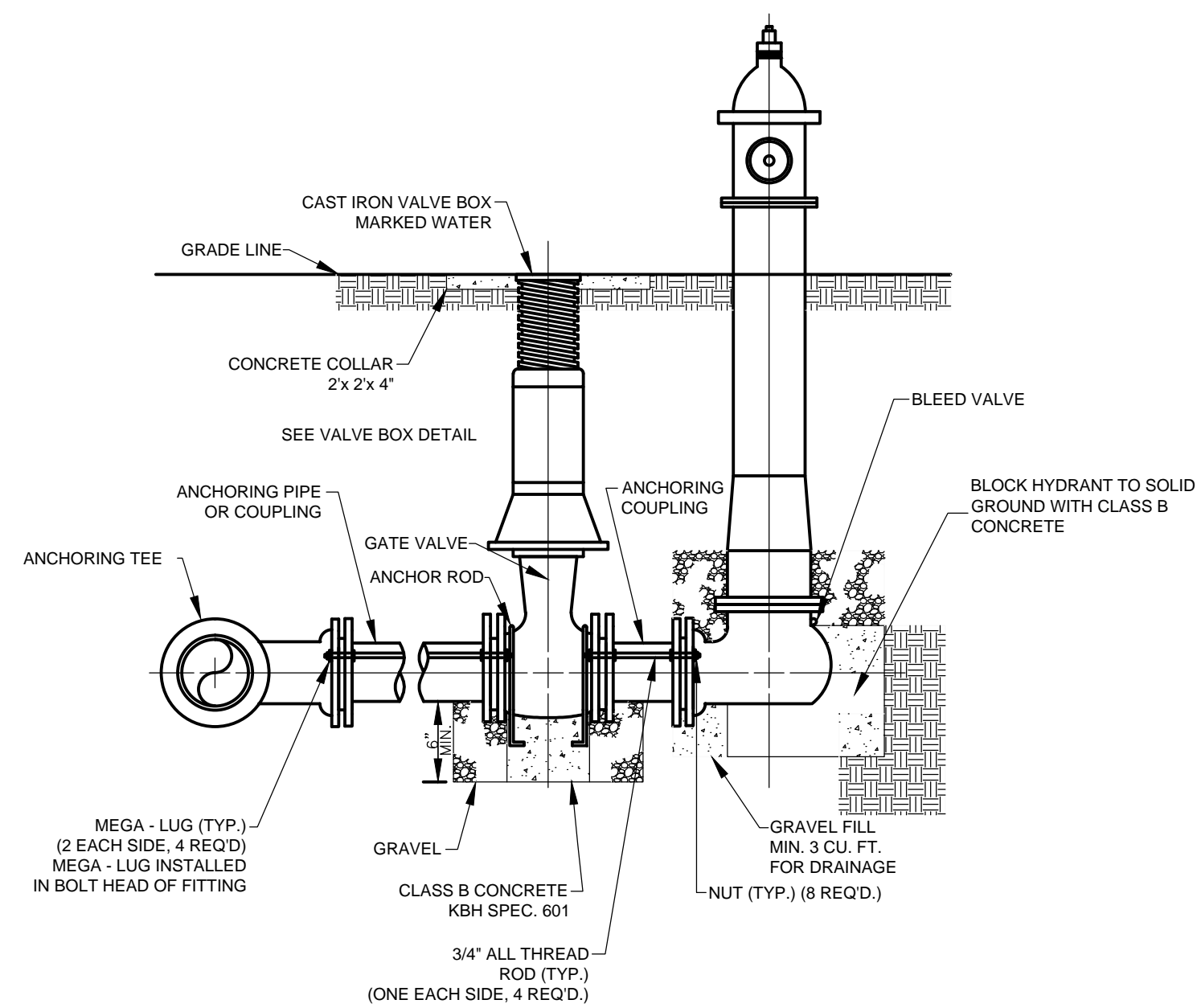
**WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY
WATER LINE EXTENSIONS & REPLACEMENTS**

MISCELLANEOUS DRAWINGS

DERON S. BYRNE
23127
LICENSED PROFESSIONAL ENGINEER

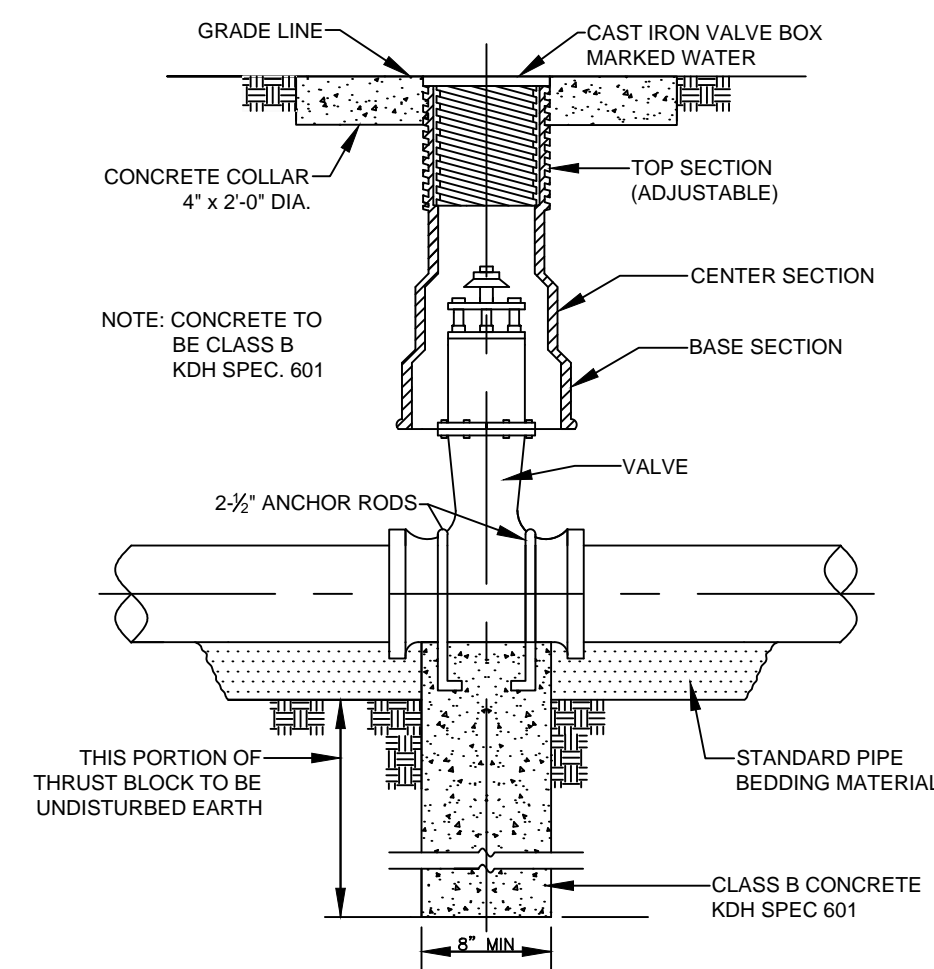
M Monarch Engineering, Inc.
556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: AUG 2013	REVISED	SHEET
CHECKED BY: DSB	SCALE: N.T.S.		MD-1
CHECKED BY: DMB	PROJECT: 1319		



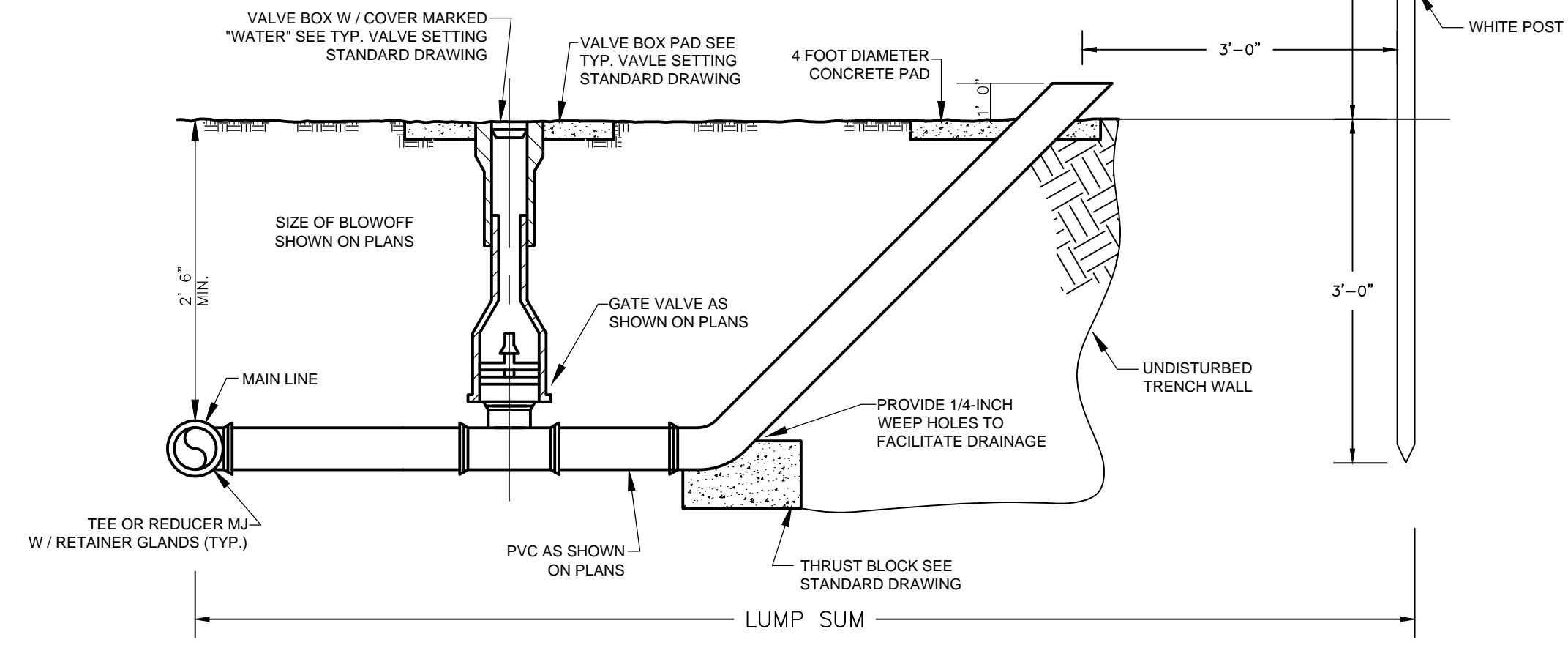
NOTES: SEE SPECIFICATIONS FOR PIPING MATERIALS AND BLEED VALVE NOT TO BE ENCASED IN CONCRETE

FLUSH HYDRANT ASSEMBLY
N.T.S



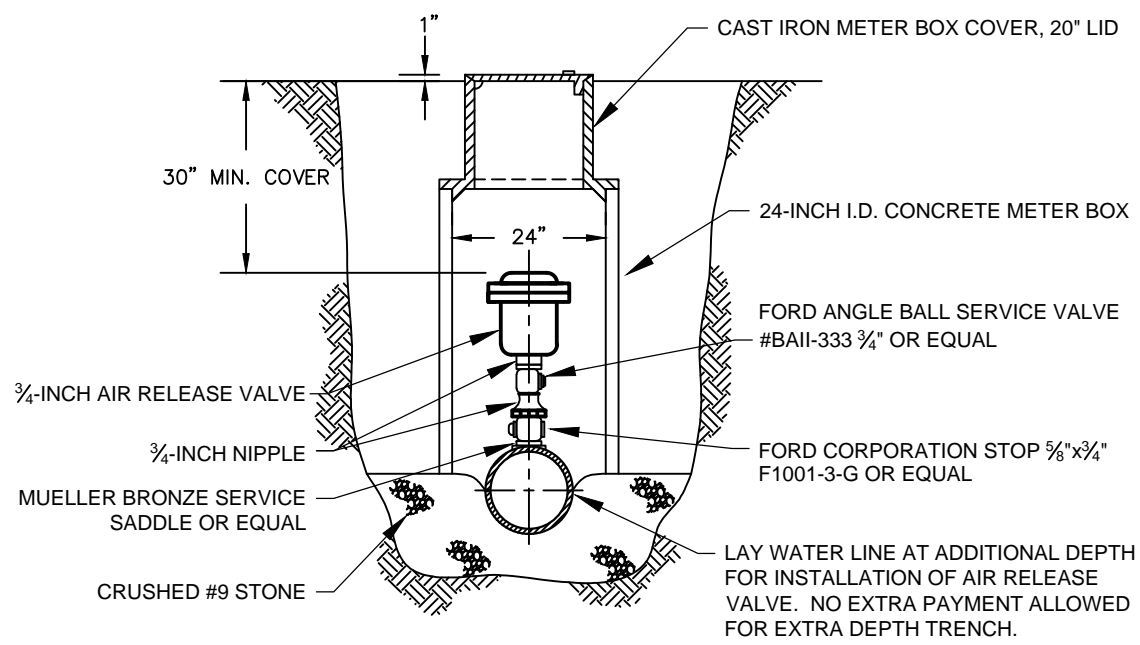
NOTE: SEE SPECIFICATION FOR PIPING MATERIALS AND PIPING JOINTS

GATE VALVE DETAIL
N.T.S



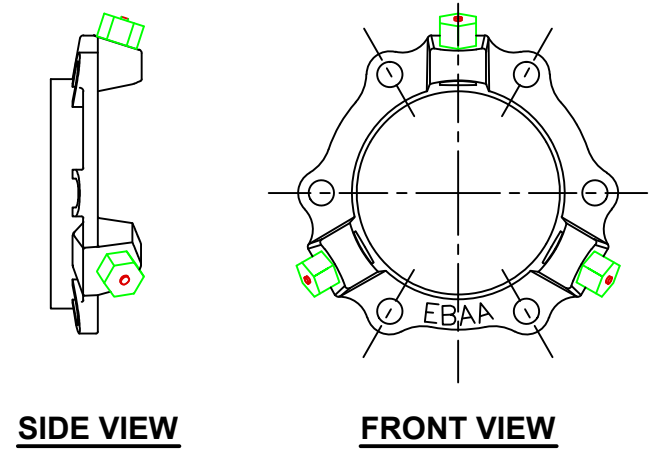
NOTE: WHERE BLOWOFF ASSEMBLIES ARE REQUIRED AT THE END OF A LINE NO TEE OR REDUCER IS REQUIRED. AT THESE LOCATIONS VALVES AND PIPES ARE TO BE THE SAME SIZE AS THE WATER MAIN.

BLOWOFF ASSEMBLY
N.T.S



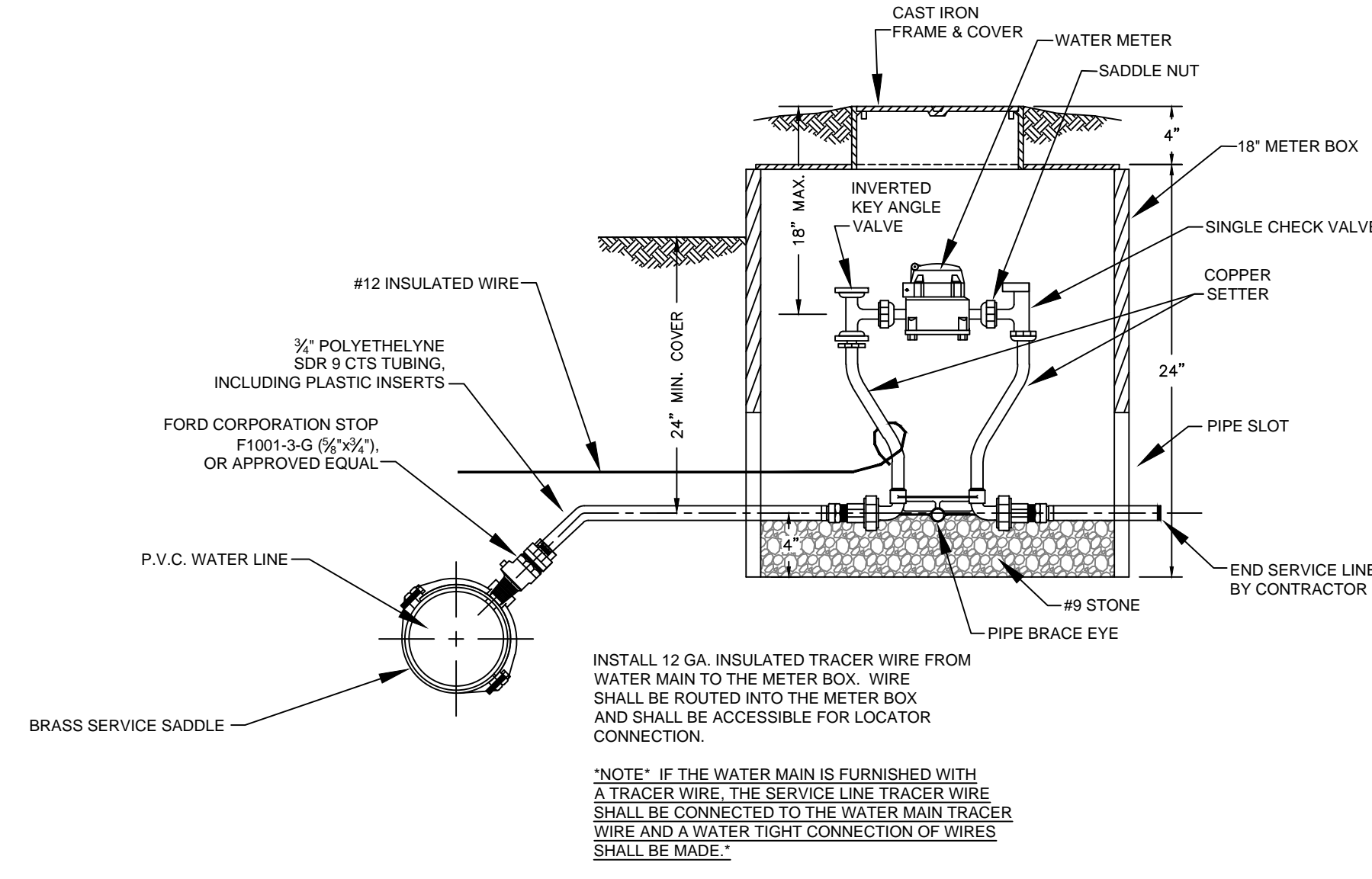
NOTES:
 • ALL FITTINGS SHALL BE COPPER OR BRONZE.
 • DO NOT LOCATE IN VEHICLE TRAFFIC AREA.
 • THE PRICE BID FOR THE AIR RELEASE VALVE ASSEMBLY SHALL INCLUDE THE CORPORATION STOP, CURB STOP, AIR RELEASE VALVE, METER BOX AND LID AND CONNECTION PIPING, COMPLETE.

AUTOMATIC AIR RELEASE VALVE ASSEMBLY
N.T.S

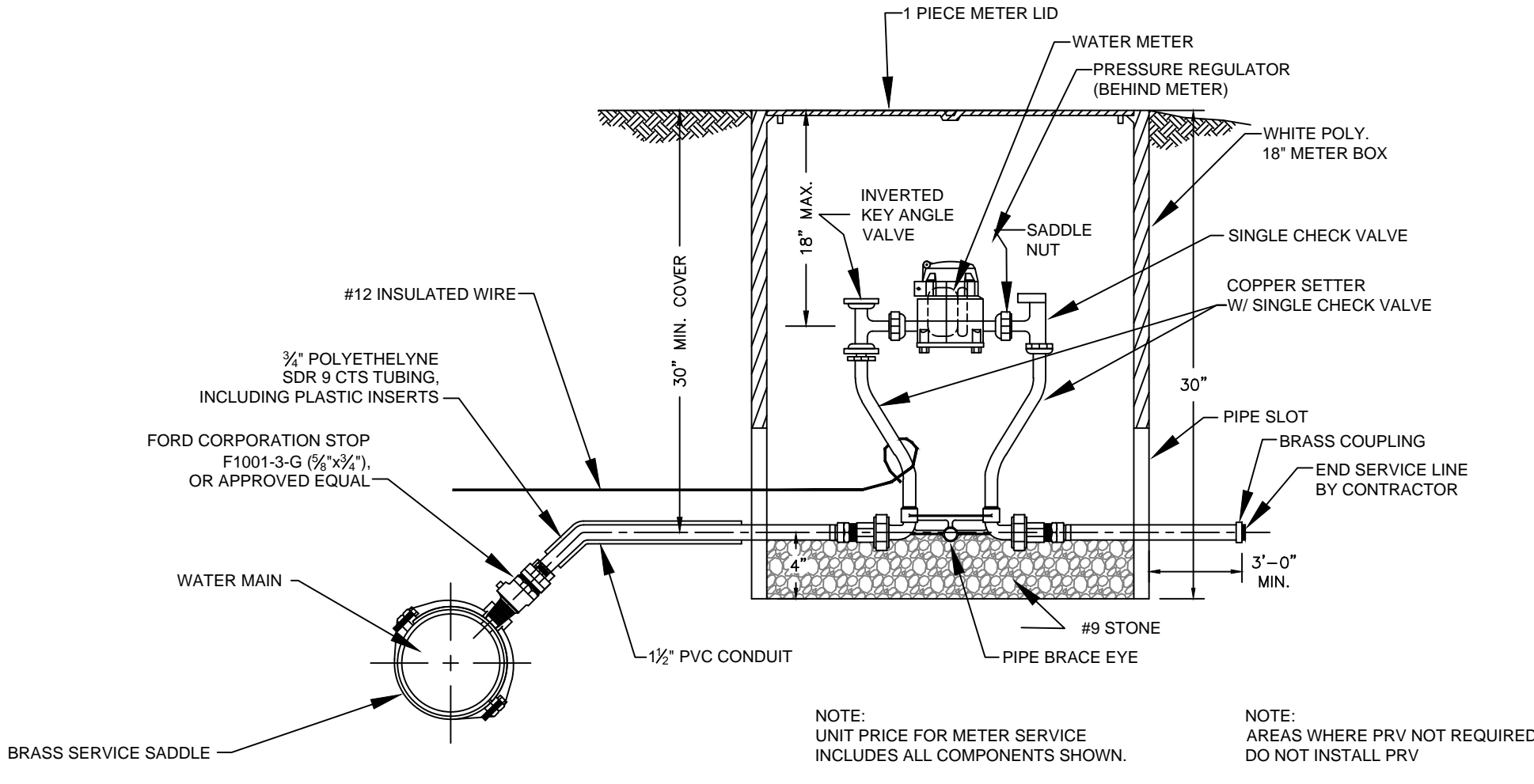


NOTE:
 WATER WORKING PRESSURE 250 PSI MIN.
 SIZES 3" - 48"
 PRODUCT OF EBAA IRON, INC. OR APPROVED EQUAL.

MEGA LUG JOINT RESTRAINT
N.T.S



TYPICAL NEW SERVICE AND METER DETAIL
N.T.S



TYPICAL NEW SERVICE TANDEM METER SETTING WITH PRESSURE REGULATOR DETAIL
N.T.S

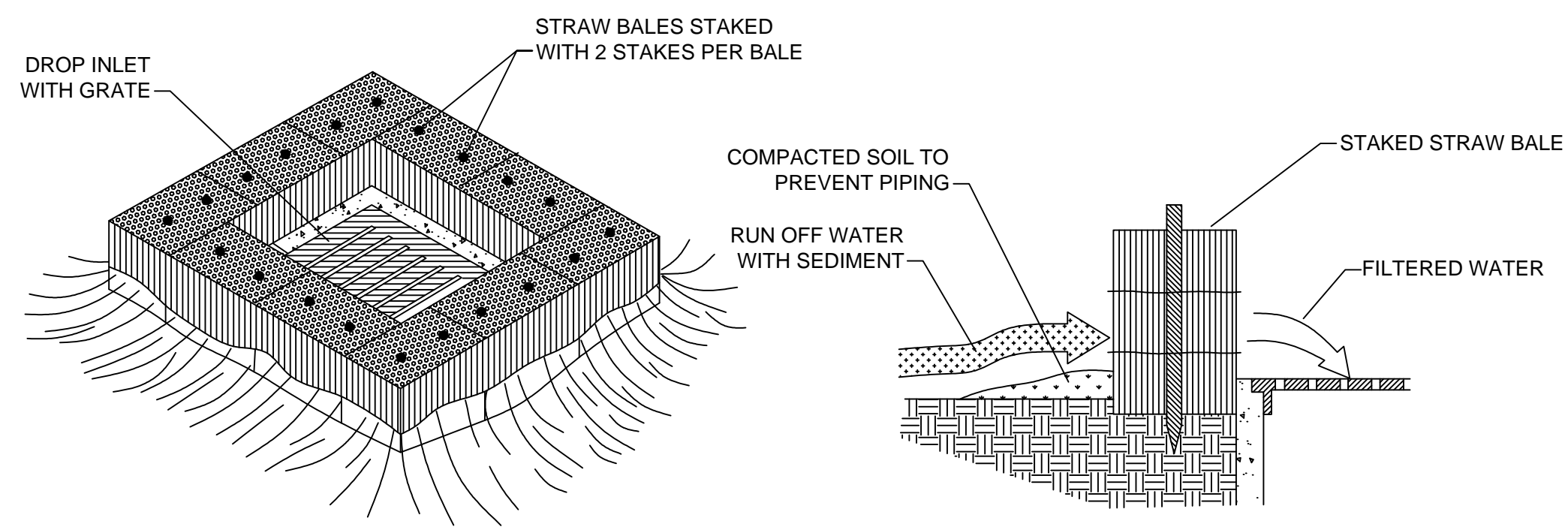
WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY
WATER LINE EXTENSIONS & REPLACEMENTS

MISCELLANEOUS DRAWINGS

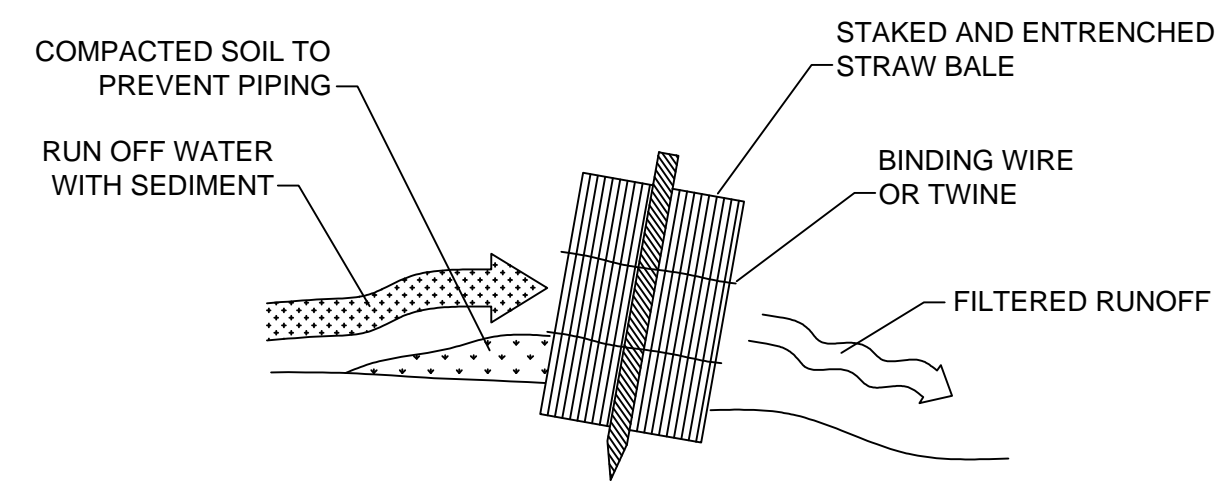
DERON S. BYRNE
23127
LICENSED PROFESSIONAL ENGINEER

Monarch Engineering, Inc.
 556 CARLTON DRIVE
 LAWRENCEBURG, KY 40342

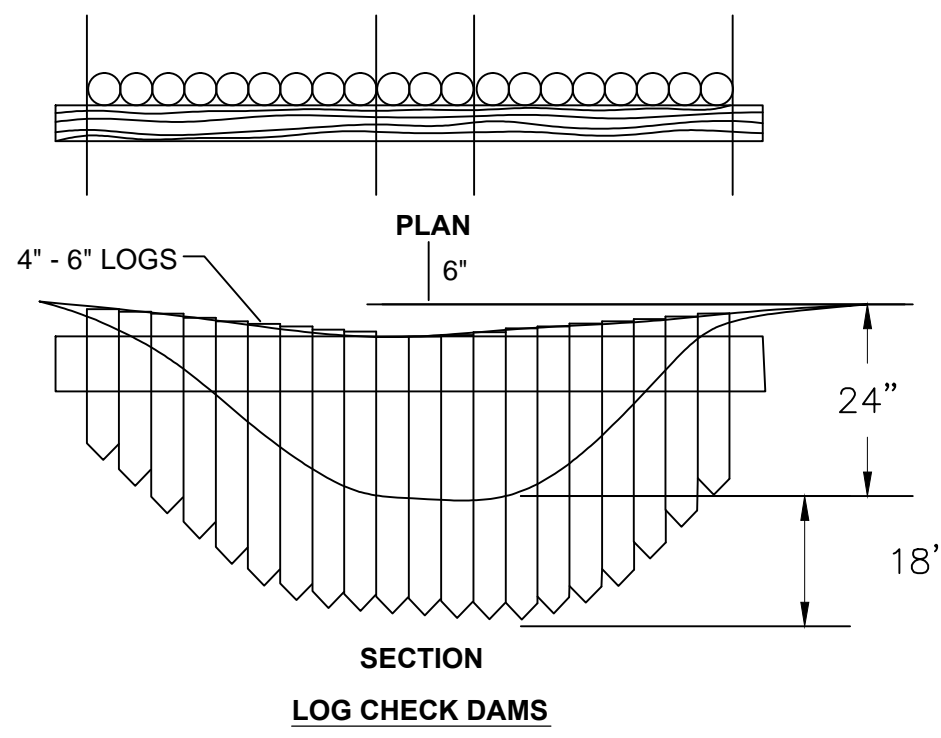
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CHECKED BY: DSB	SCALE: N.T.S.		MD-2
CHECKED BY: DMB	PROJECT: 1319		



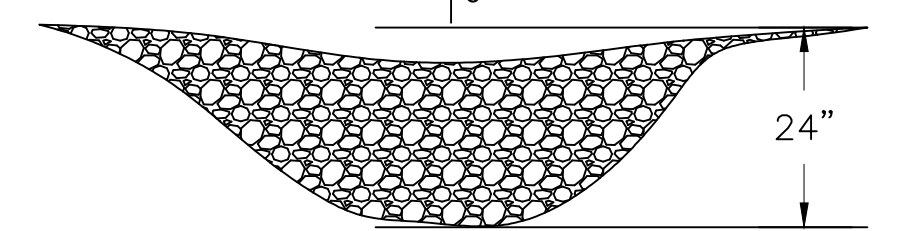
STRAW BALE DROP INLET SEDIMENT FILTER
N.T.S.



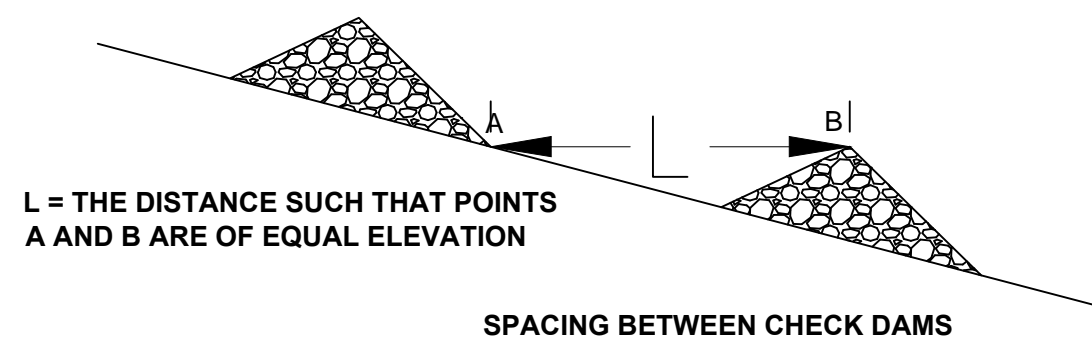
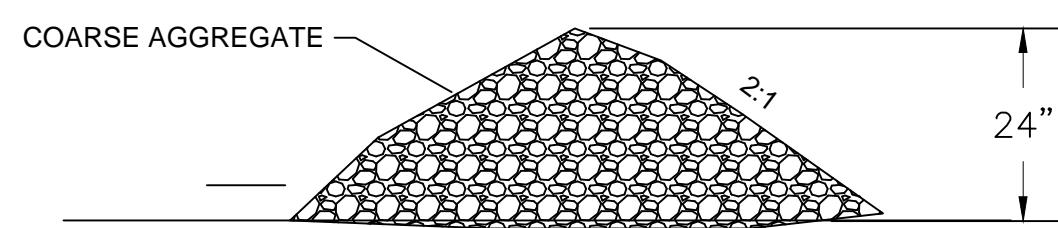
STRAW BALE INSTALLATION PROCEDURES
N.T.S.



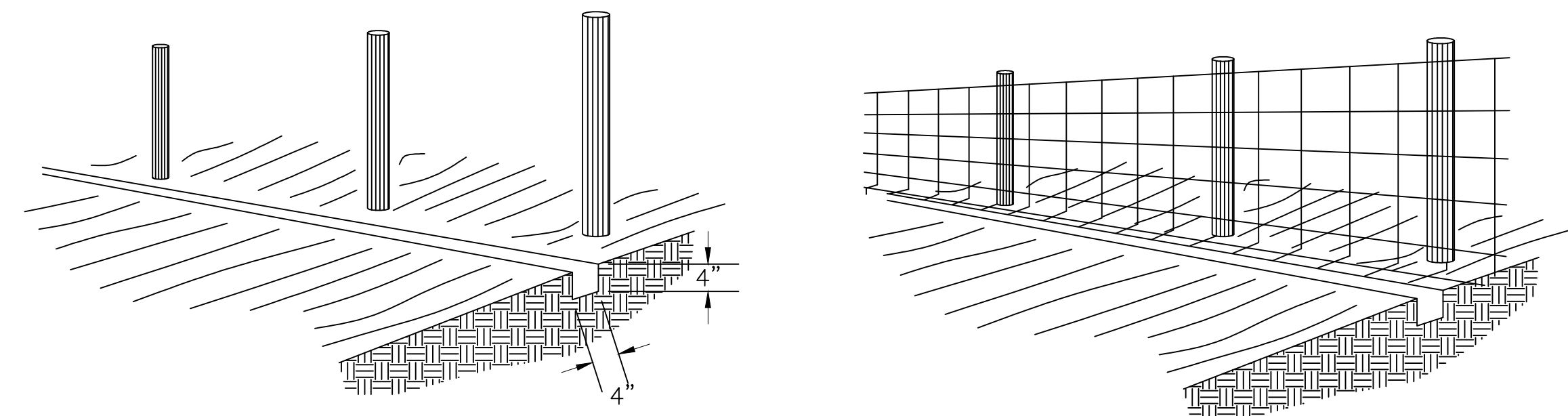
LOG CHECK DAMS



ROCK CHECK DAMS

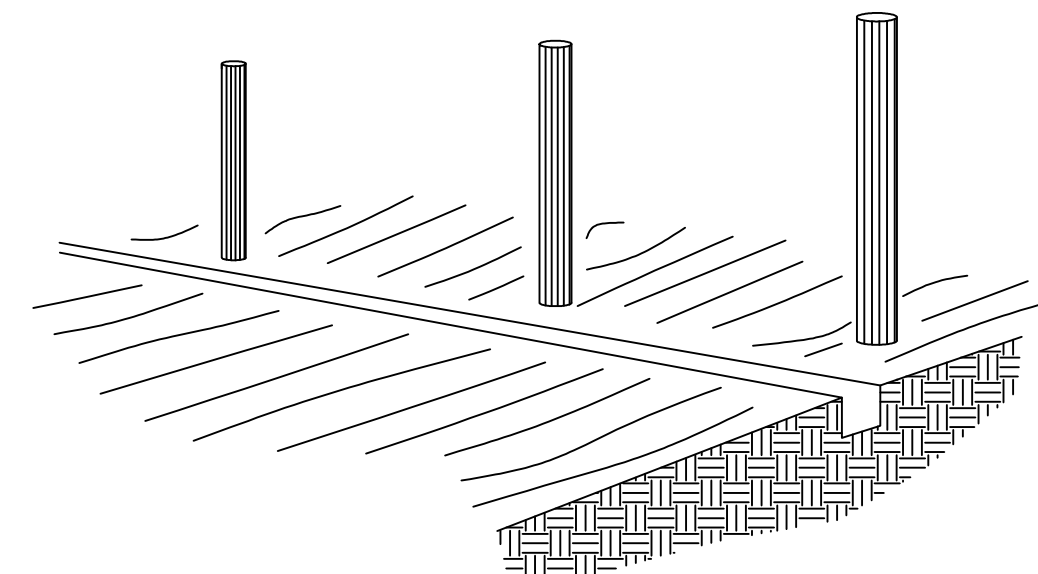


CHECK DAM DETAILS
N.T.S.

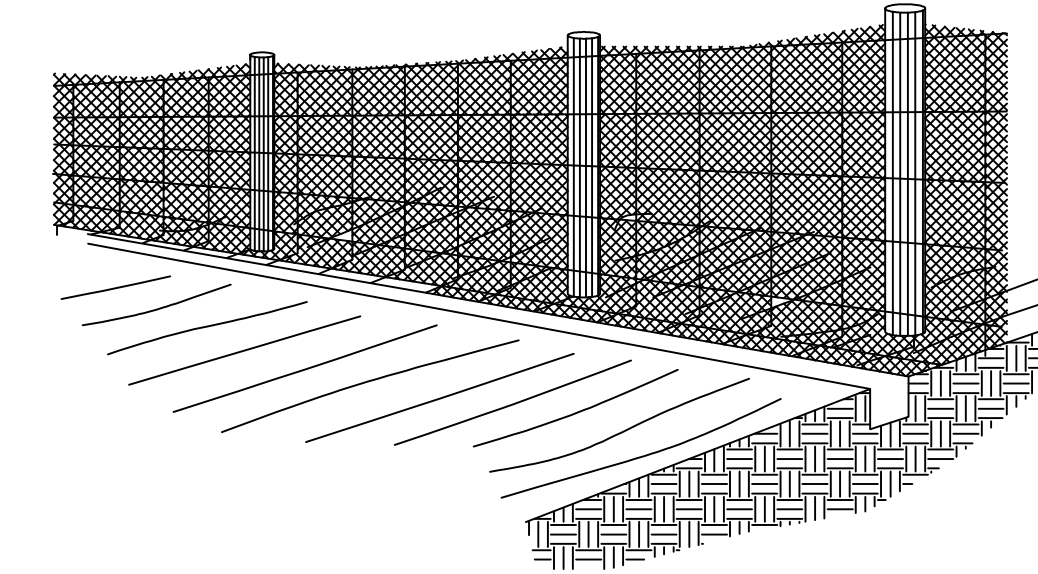


1. SET POSTS AND EXCAVATE A 4" x 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS

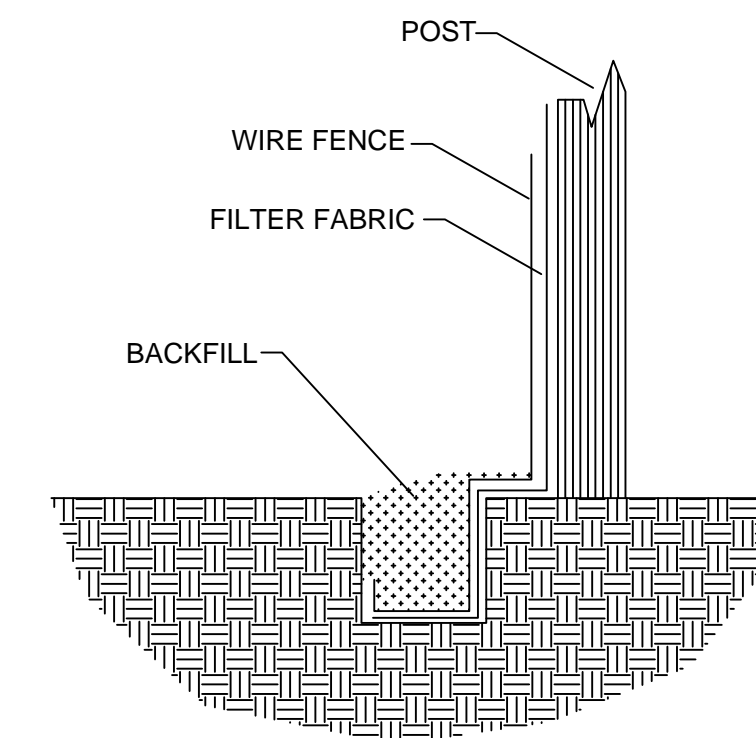
2. STAPLE WIRE FENCING TO POSTS



3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH

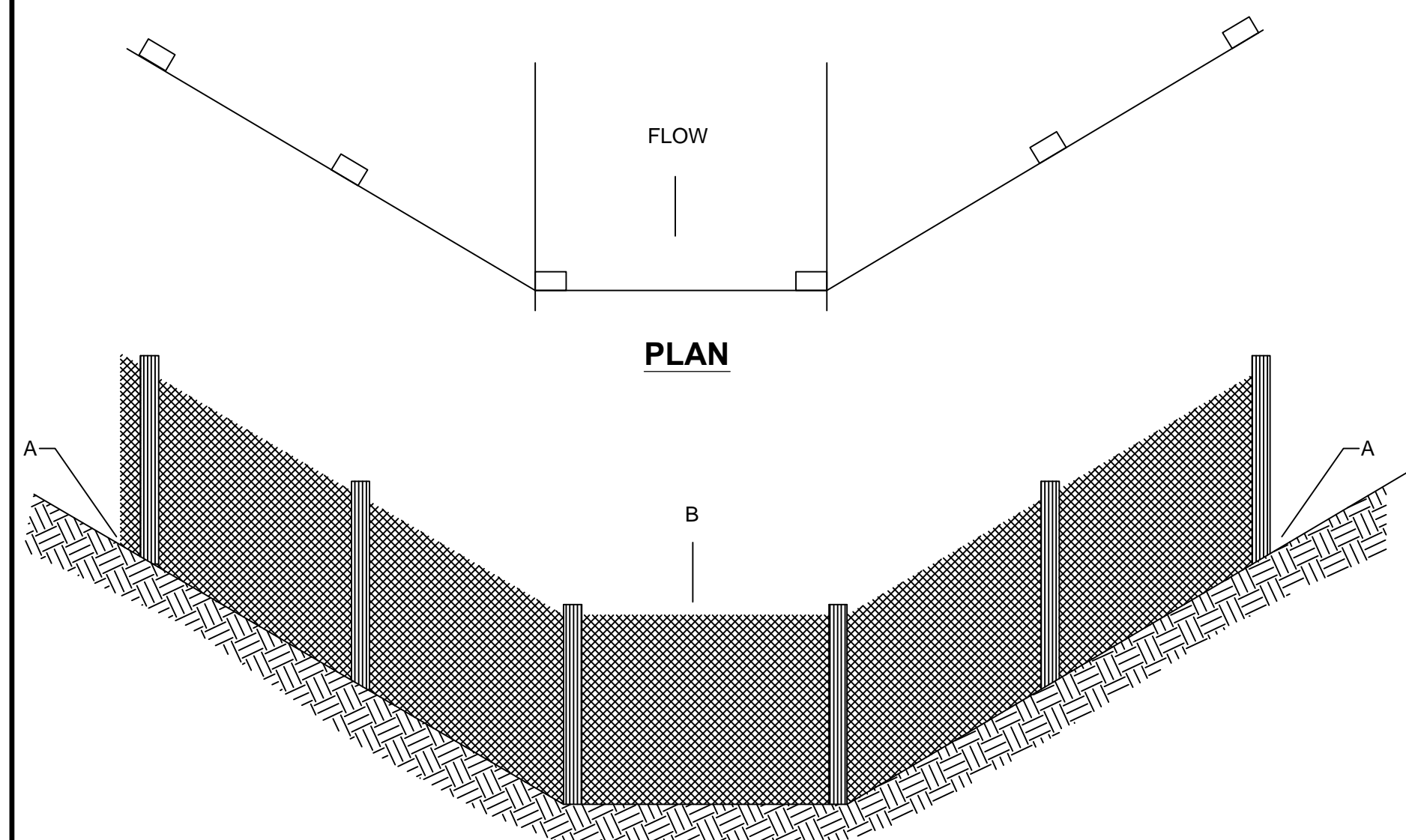


4. BACKFILL AND COMPACT THE EXCAVATED SOIL



EXTENSION OF FABRIC AND WIRE INTO THE TRENCH

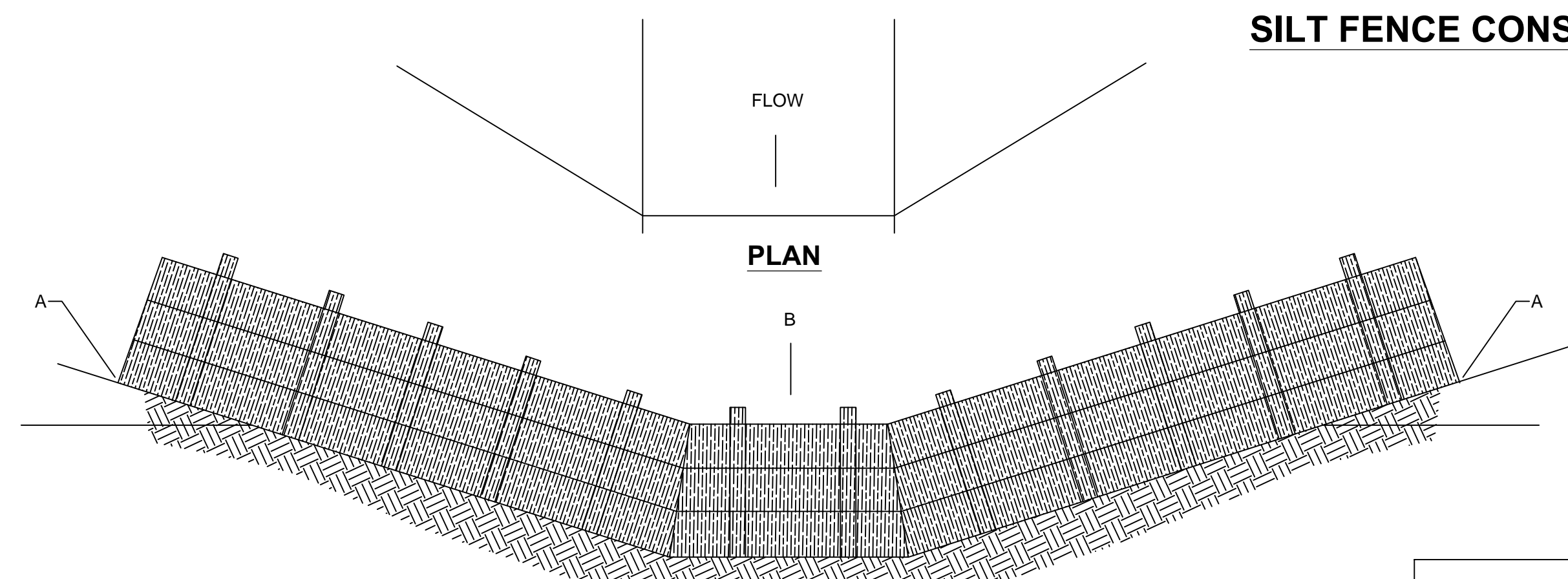
SILT FENCE CONSTRUCTION PROCEDURES
N.T.S.



ELEVATION

POINT A SHOULD BE HIGHER THAN POINT B

PLACEMENT OF FILTER BARRIER
N.T.S.



ELEVATION

POINT A SHOULD BE HIGHER THAN POINT B

PLACEMENT OF STRAW BALE BARRIER
N.T.S.

EROSION CONTROL DETAILS
N.T.S.

The Contractor shall do all work and take all measures necessary to control soil erosion resulting from construction operations, and shall prevent the flow of sediment from the construction site, and shall contain construction materials (including excavation and backfill) within their protected working area so as to prevent damage to the adjacent wetlands and water courses. The Contractor shall use any of the acceptable methods necessary to control soil erosion and prevent the flow of sediment to the maximum extent possible. These methods shall include, but not be limited to, the use of water diversion structures, diversion ditches, and settling basins.

Monarch Engineering, Inc.

556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

EROSION CONTROL DETAILS

WESTERN PULASKI COUNTY WATER DISTRICT
PULASKI COUNTY, KENTUCKY

DESCRIPTION:

CUSTOMER:

PROJECT NO. 1319

DATE: AUG 2013

DRAWN BY: JRC

CHECKED BY: DSB

CHECKED BY: DMB

SCALE: AS NOTED

SHEET:

EC-1

