

3161 Custer Dr, Suite 6 Lexington, Kentucky 40517 (859) 271-1778

April 7, 2008

RECEIVED

APR - 8 2008

PUBLIC SERVICE
COMMISSION

Michael F. Burford
Director of Filings Division
Public Service Commission
PO Box 615
Frankfort, KY 40602-0615

re: Case No. 2006-00142
Peaks Mill Water District

To the COMMISSION:

The purpose of this communication is to certify that the construction of the Peaks Mill Water District has been substantially completed in accordance with the contract plans and specifications.

Additionally included in this envelope is a copy of the record drawings of the project.

The request for total costs of this project will be forwarded under separate cover.

Yours truly,

Warner A. Broughman, III, P.E.

WAB:pac

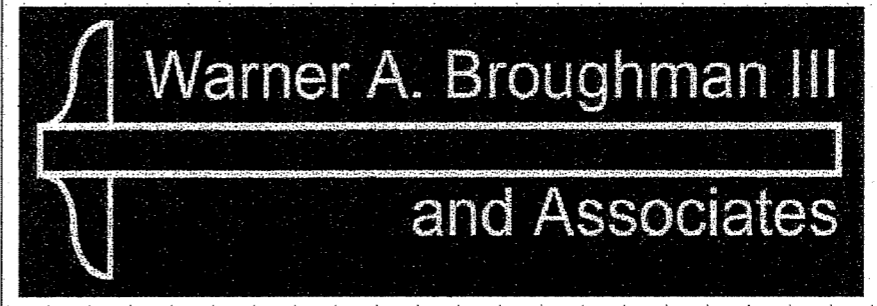
cc: Church Quarles

WAB:pac

PEAKS MILL WATER DISTRICT

UNION RIDGE EXTENSION

PIPELINES & APPURTENCES SEPTEMBER 2004



LEXINGTON

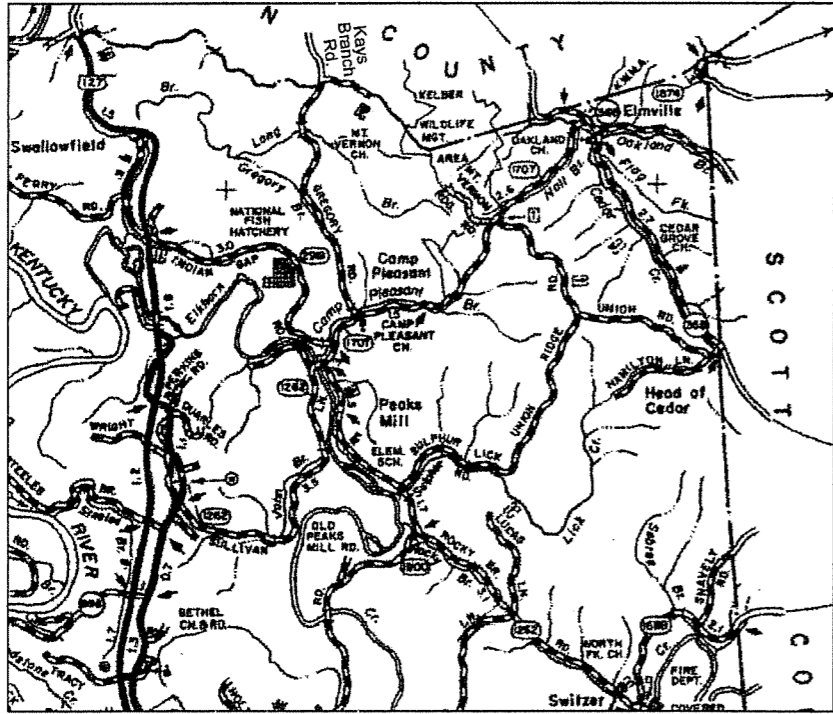
KENTUCKY

RECORD DRAWINGS

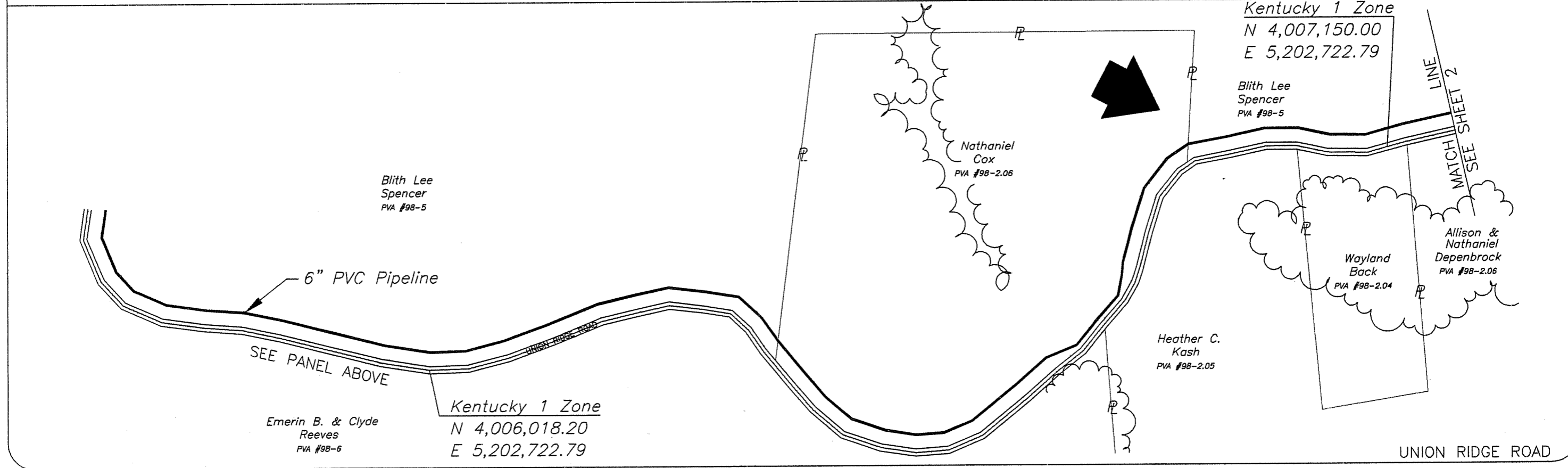
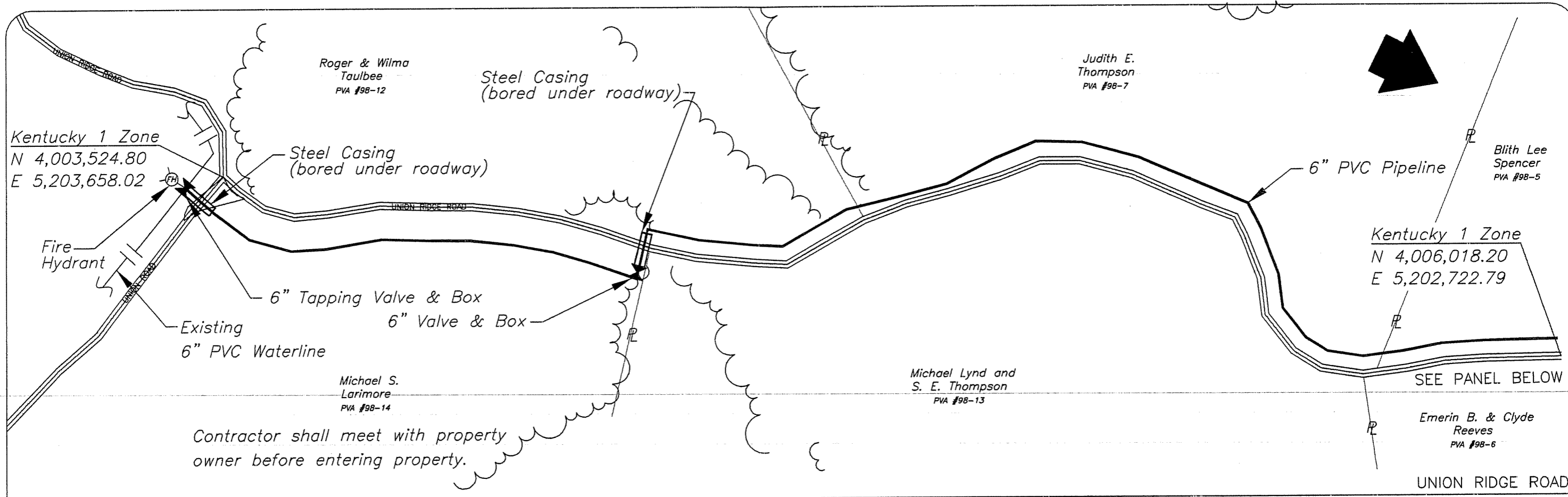
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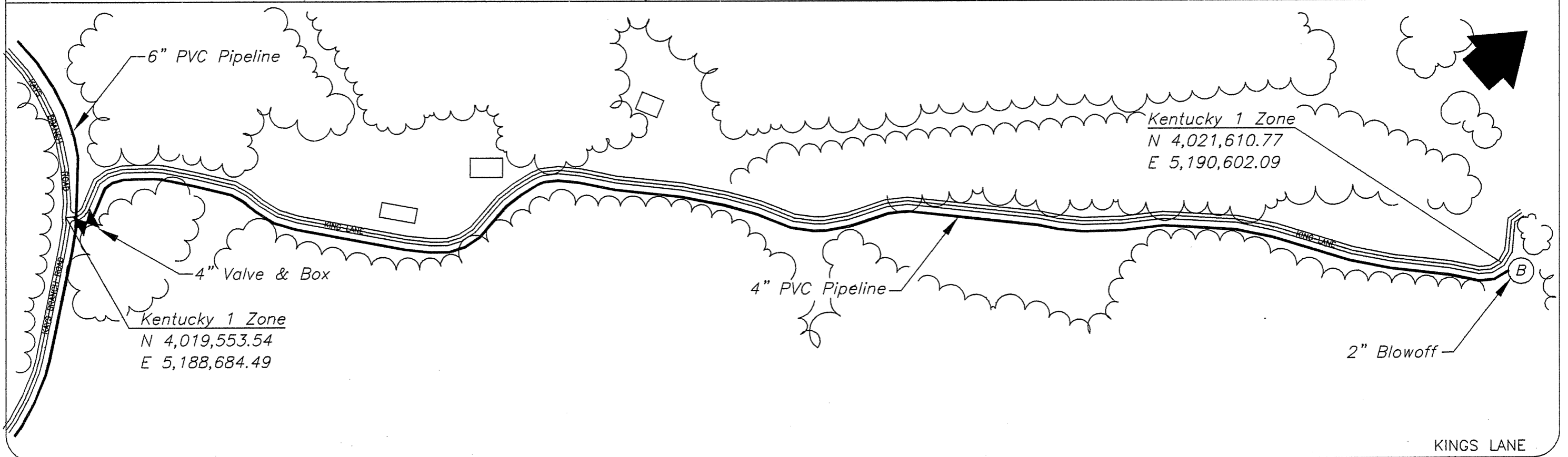
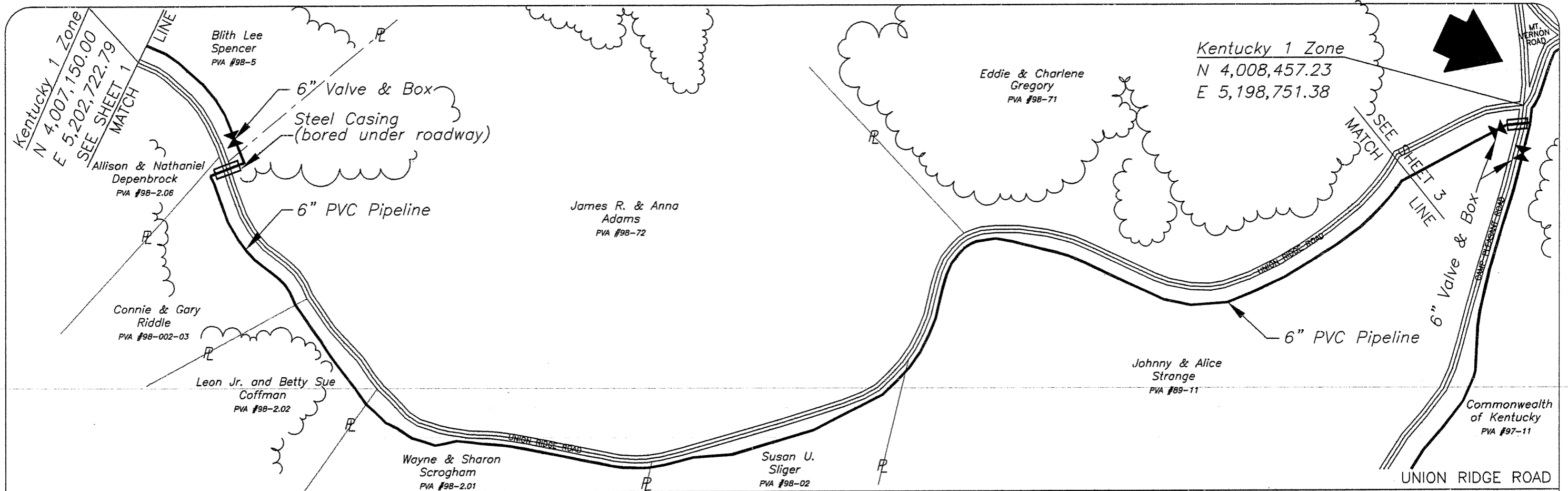
By: BJC

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SHEET	DESCRIPTION
COVER	TITLE, INDEX, & VICINITY MAP
1	UNION RIDGE ROAD
2	UNION RIDGE ROAD
3	CAMP PLEASANT ROAD
4	CAMP PLAESANT ROAD & MOUNT VERNON ROAD
5	GREGORY WOODS ROAD
6	GREGORY WOODS ROAD
7	GREGORY WOODS ROAD & KAYS BRANCH ROAD
8	KAYS BRANCH ROAD
9	OLD PEAKS MILL ROAD
10	SHRADER HILL & PEAKS MILL ROAD
11	SHRADER HILL & BAKER BRANCH
12	PUMP STATION DETAIL SHEET
W-1	DETAIL SHEET
W-2	DETAIL SHEET



VICINITY MAP

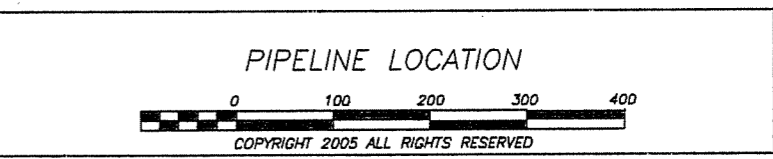




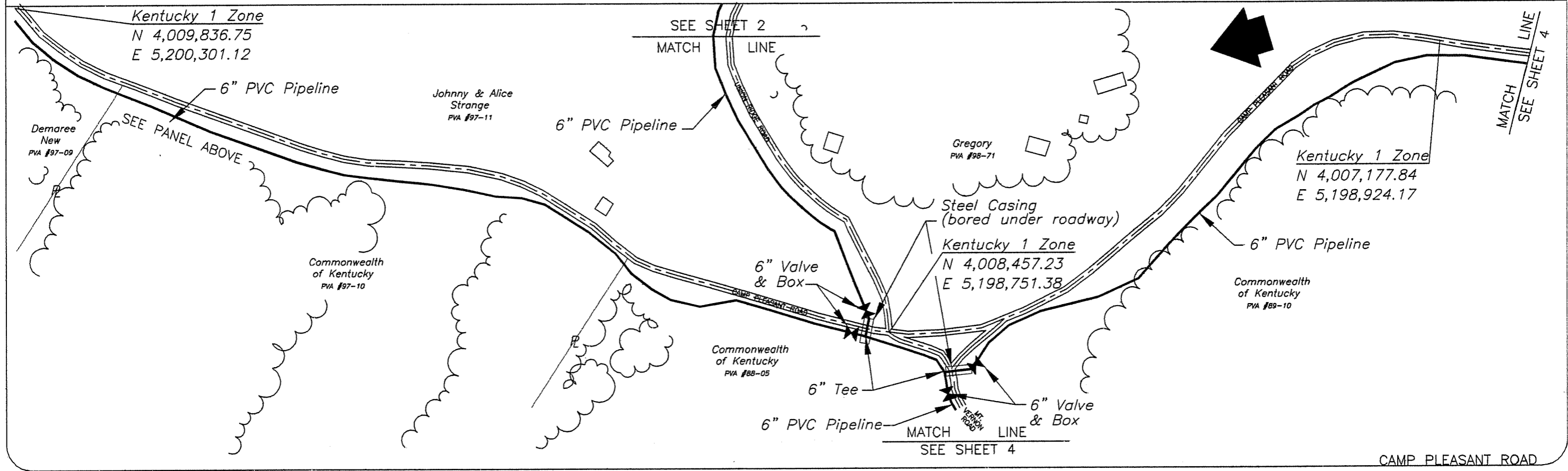
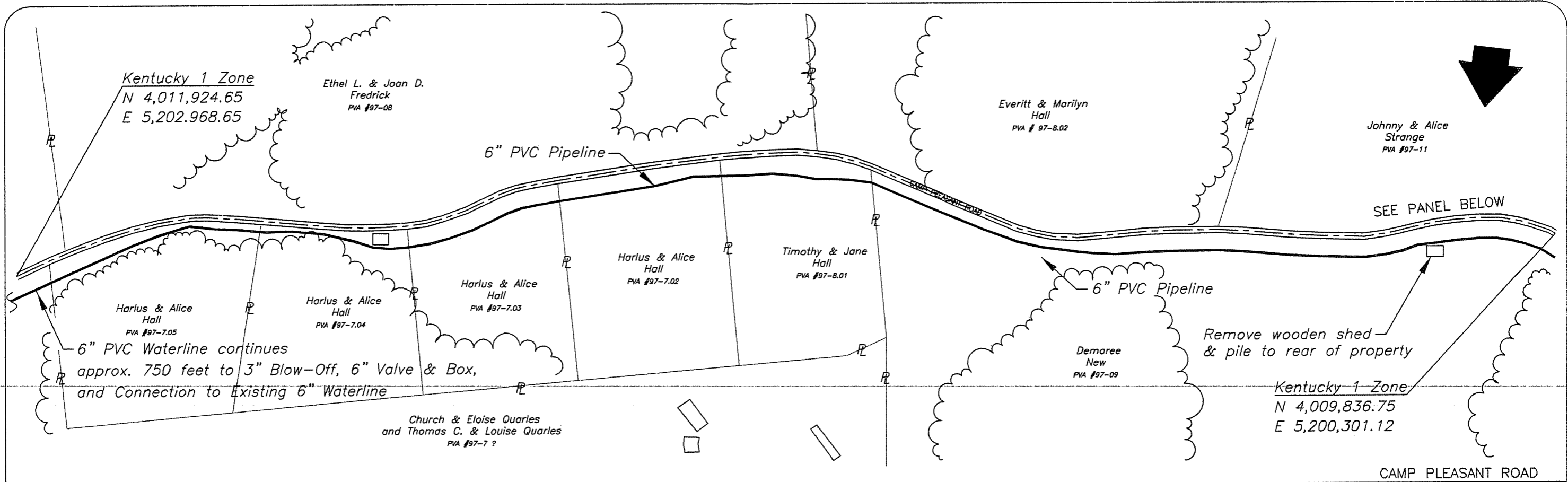
Warner A. Broughman III
and Associates

Concept WAB
 Drawn BJC
 Checked _____
 File 02-38

PEAKS MILL WATER DISTRICT
 Union Ridge Extension



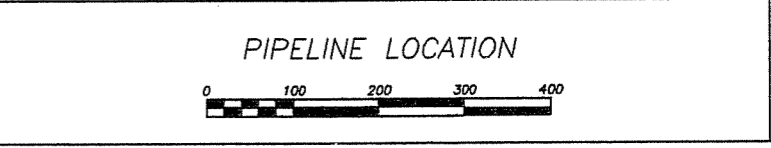
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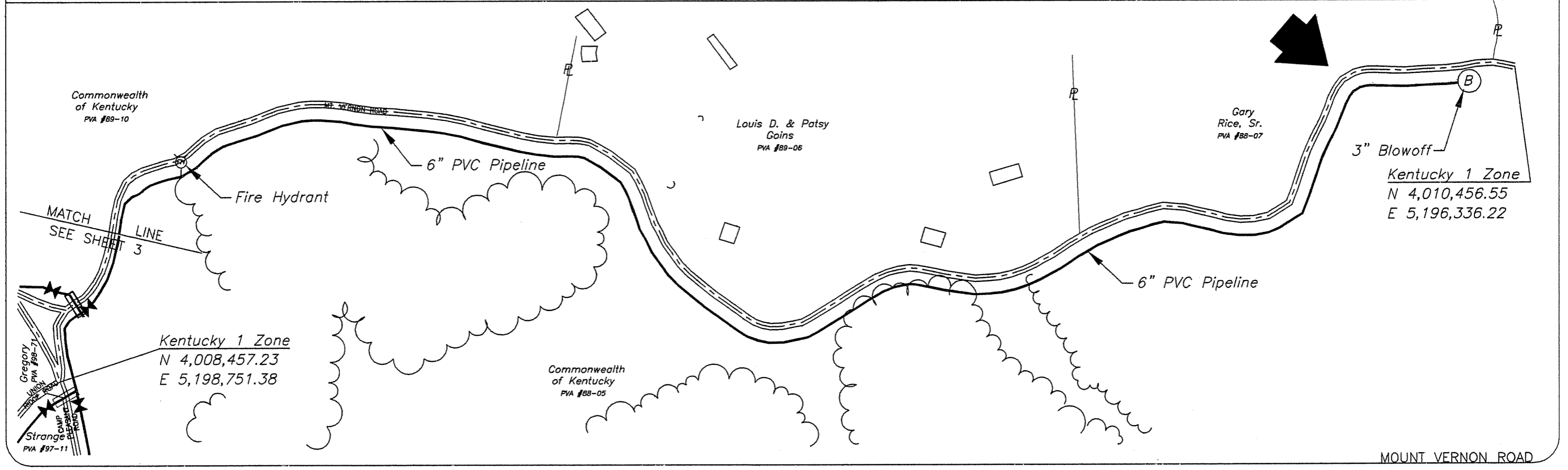
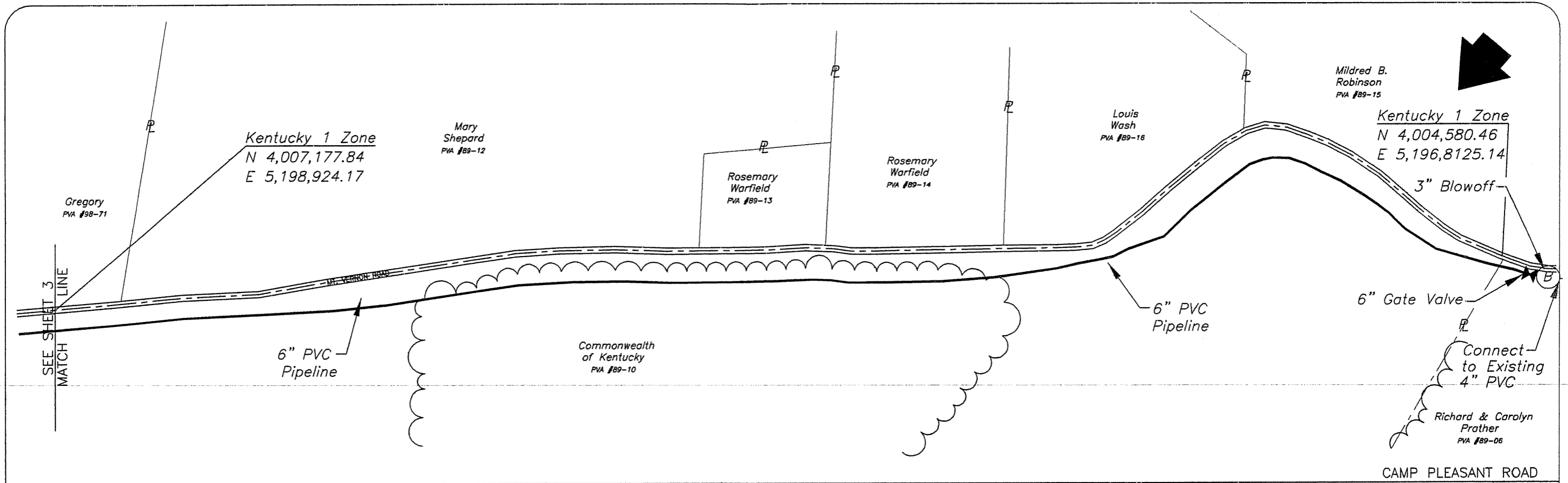
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and Associates

Concept WAB
Drawn BJC
Checked _____
File 02-38

PEAKS MILL WATER DISTRICT
Union Ridge Extension



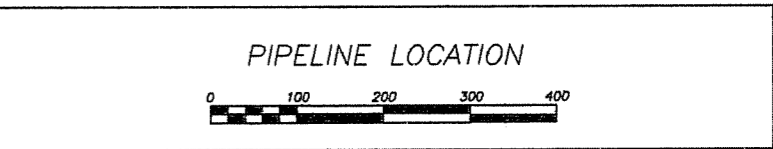
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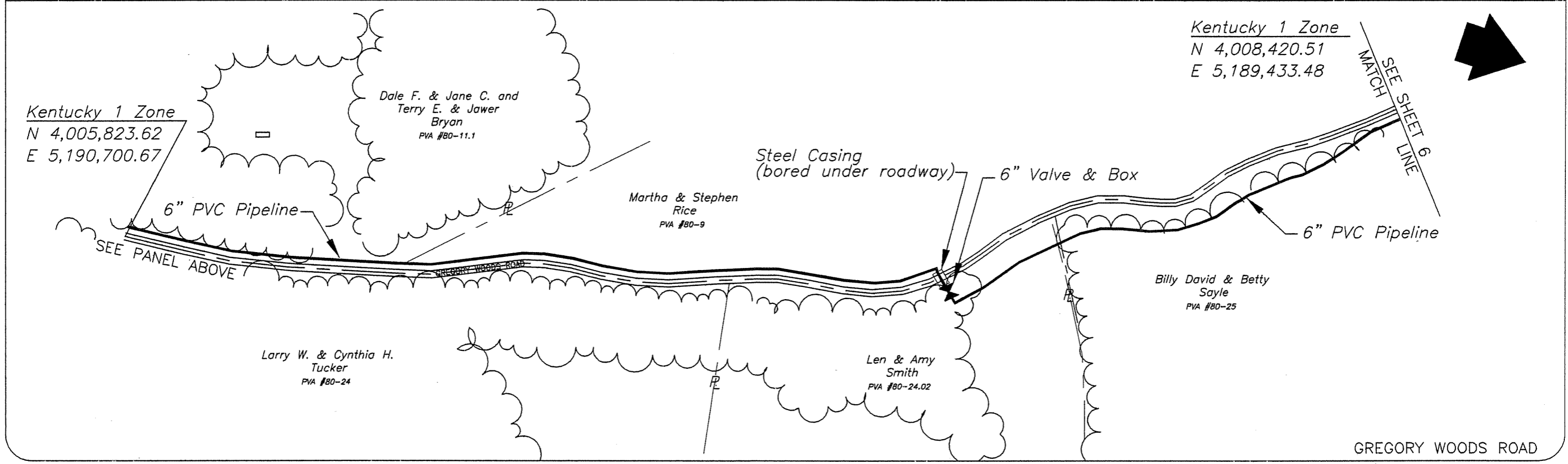
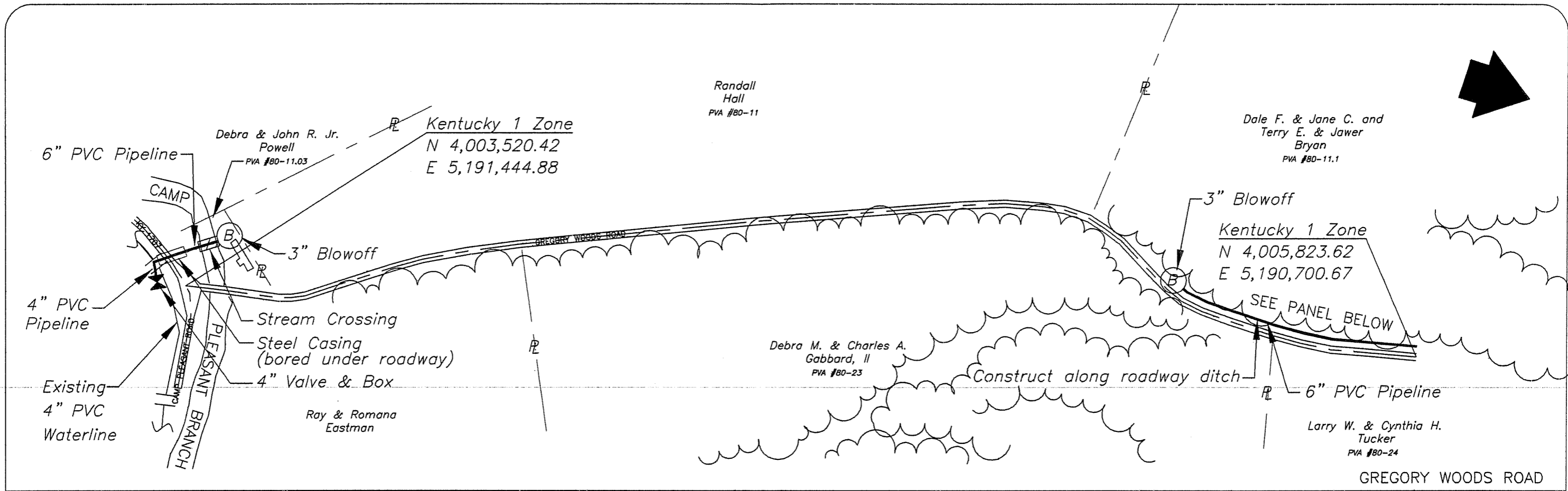
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and Associates

Concept WAB
Drawn BUC
Checked _____
File 02-38

PEAKS MILL WATER DISTRICT
Union Ridge Extension



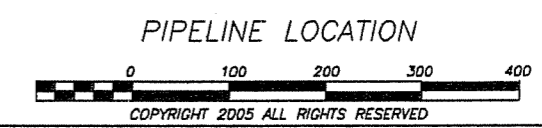
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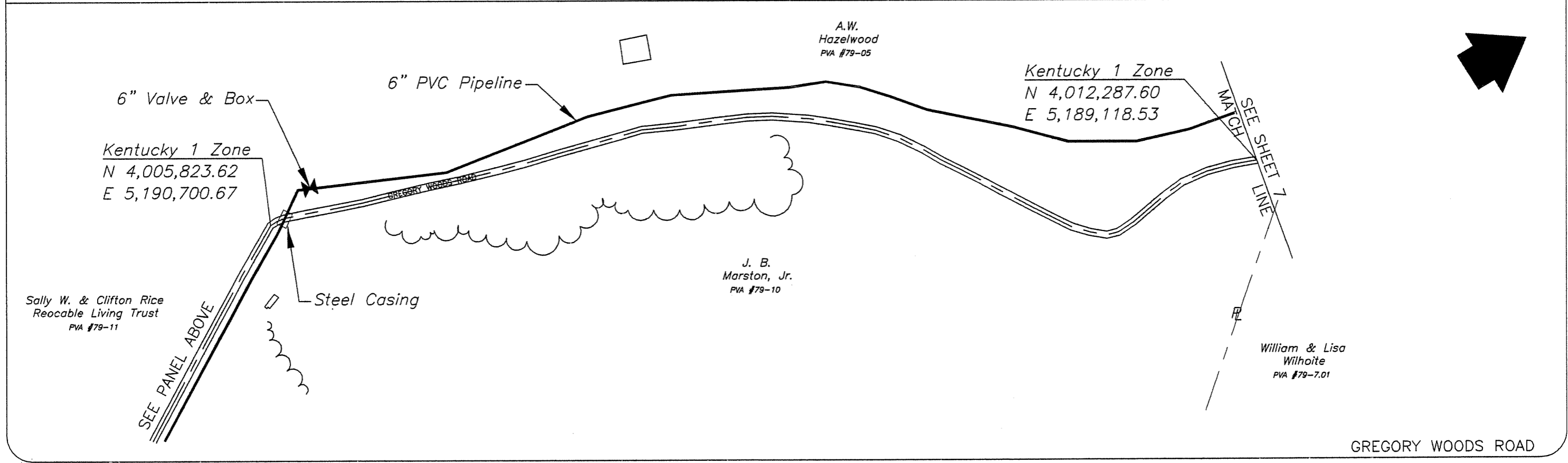
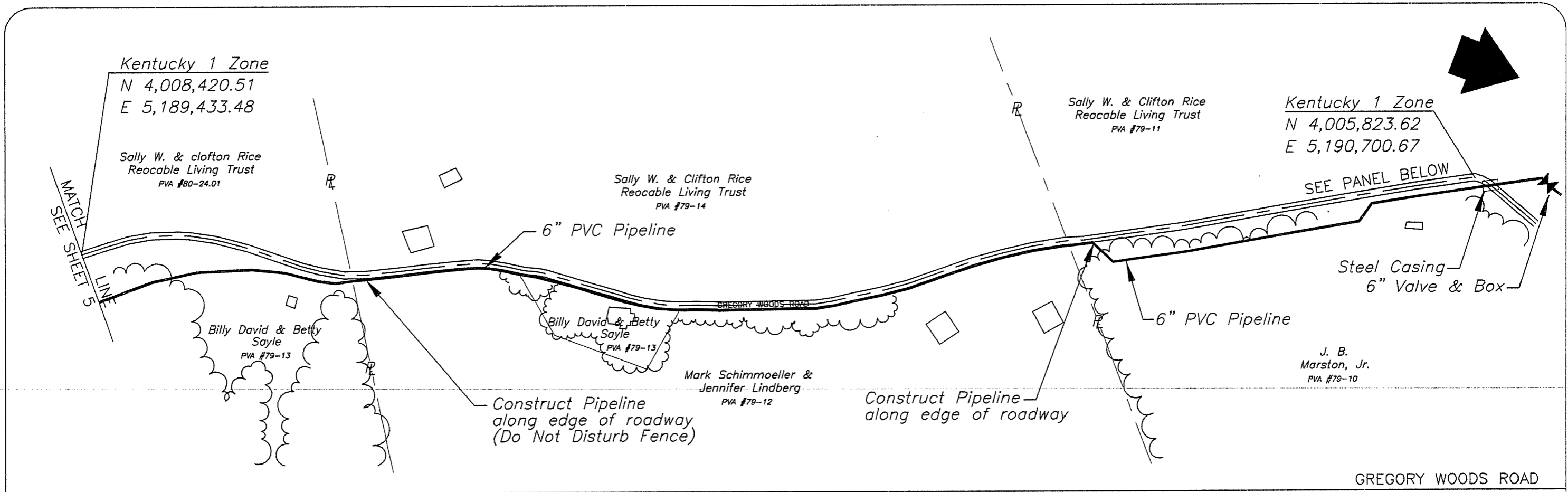
Warner A. Broughman III
and Associates

Concept WAB
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PEAKS MILL WATER DISTRICT
Union Ridge Extension



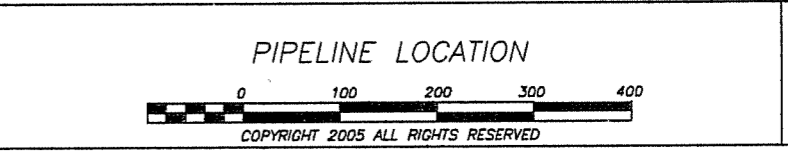
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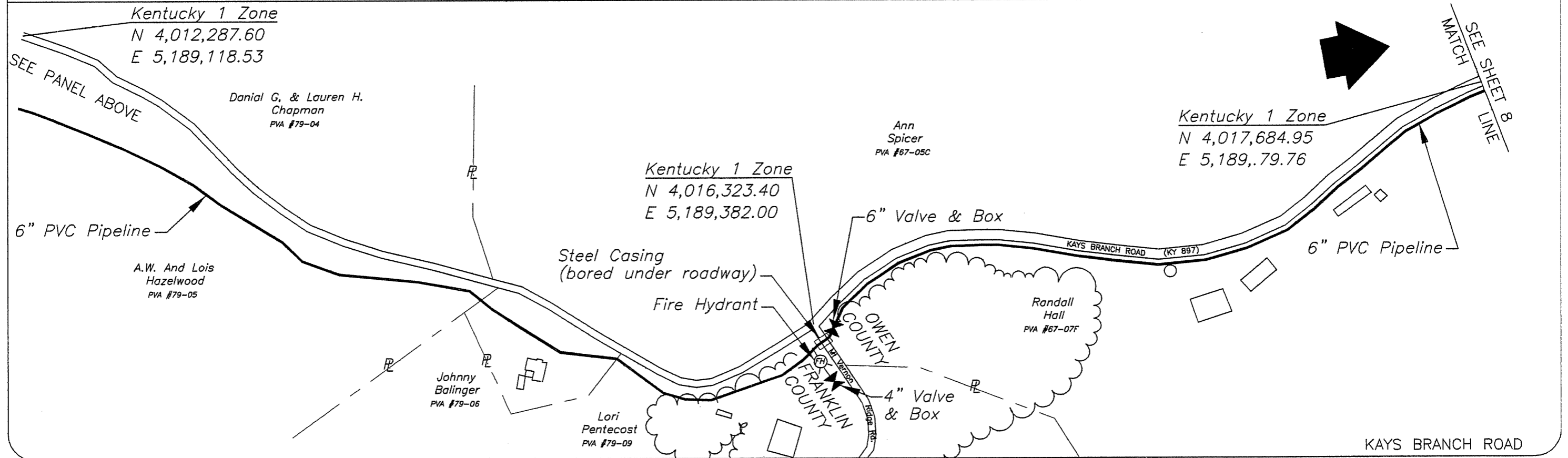
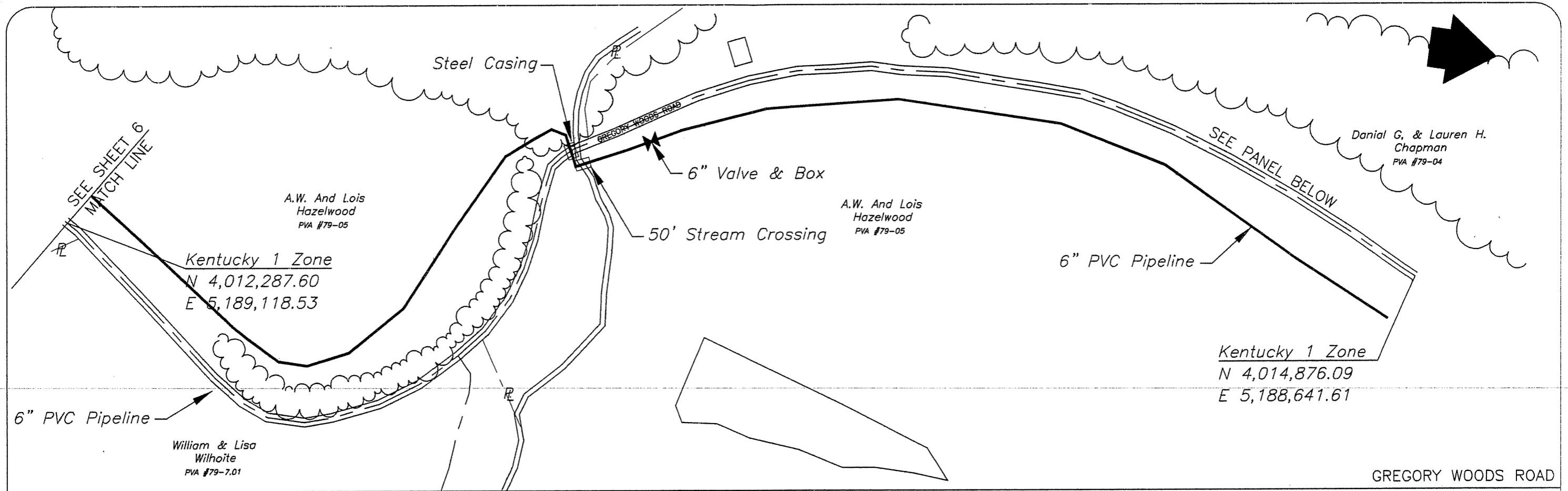
Warner A. Broughman III
and Associates

Concept WAB
Drawn B/C
Checked _____
File 02-38

PEAKS MILL WATER DISTRICT
Union Ridge Extension



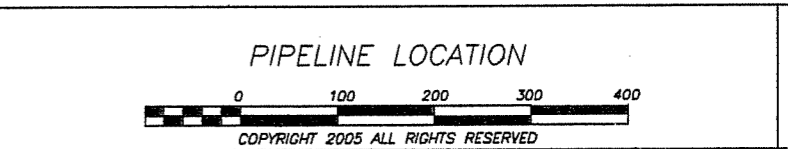
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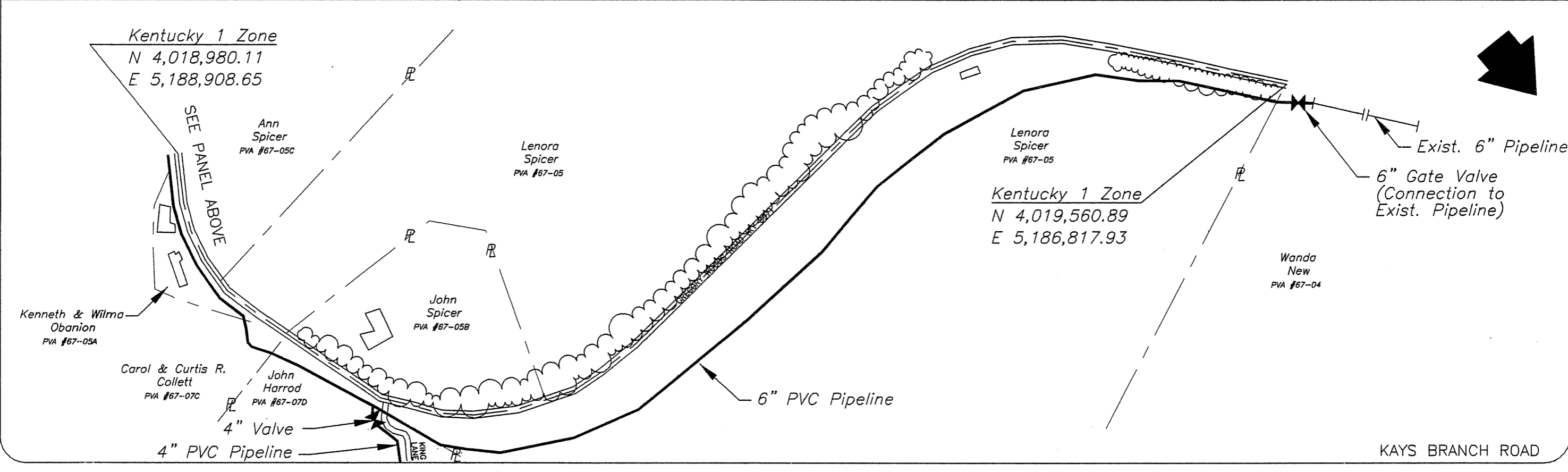
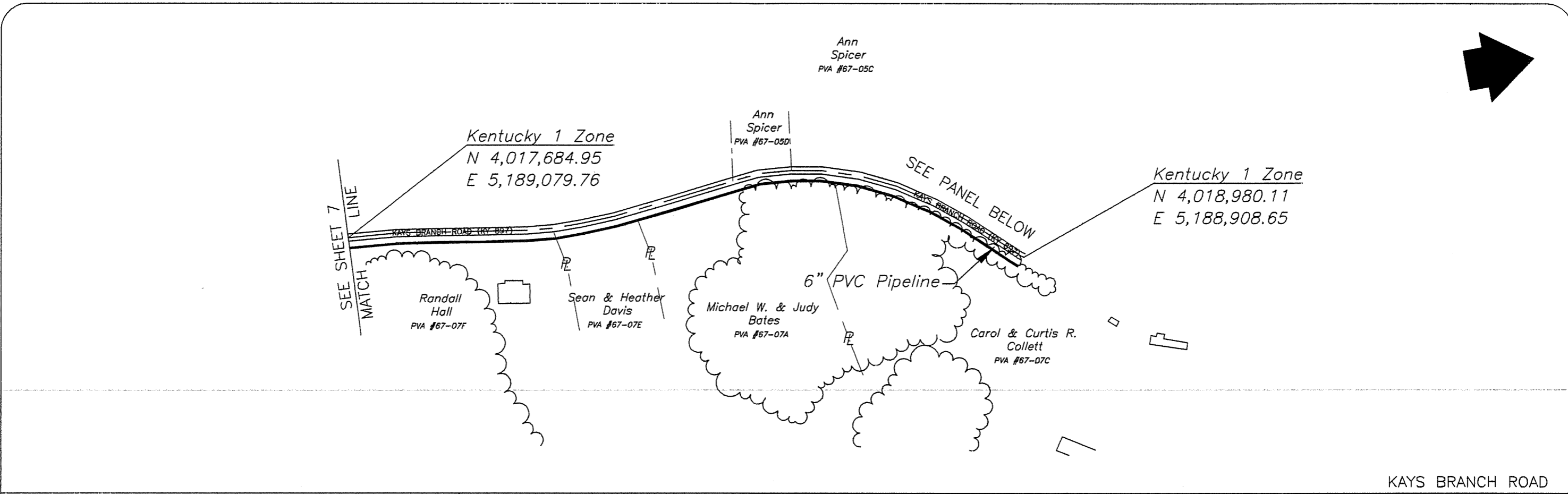
Warner A. Broughman III
and Associates

Concept WAB
Drawn BJC
Checked _____
File 02-3B

PEAKS MILL WATER DISTRICT
Union Ridge Extension



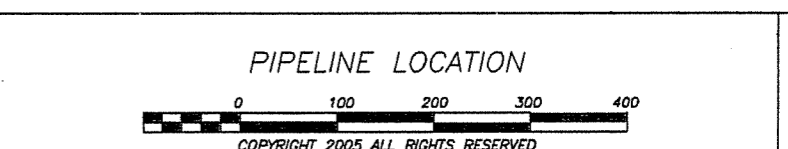
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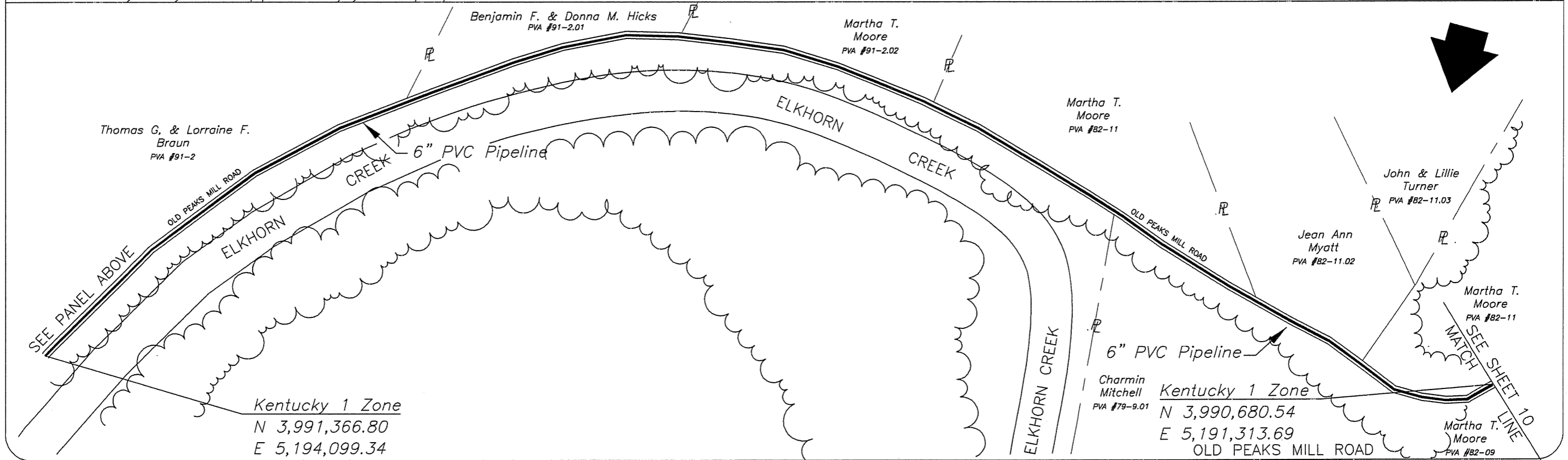
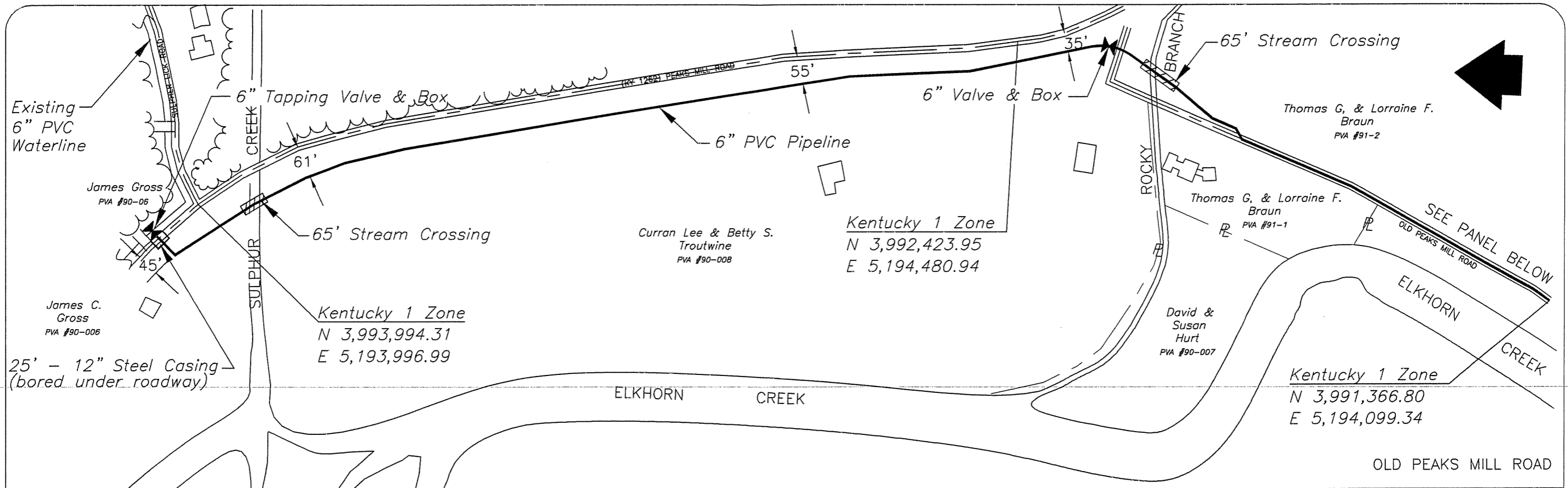
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Concept WAB
Drawn BJC
Checked _____
File 02-38

PEAKS MILL WATER DISTRICT
Union Ridge Extension



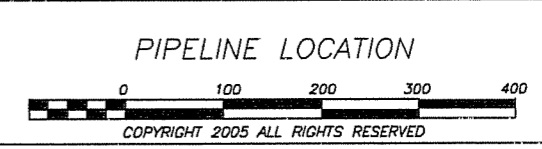
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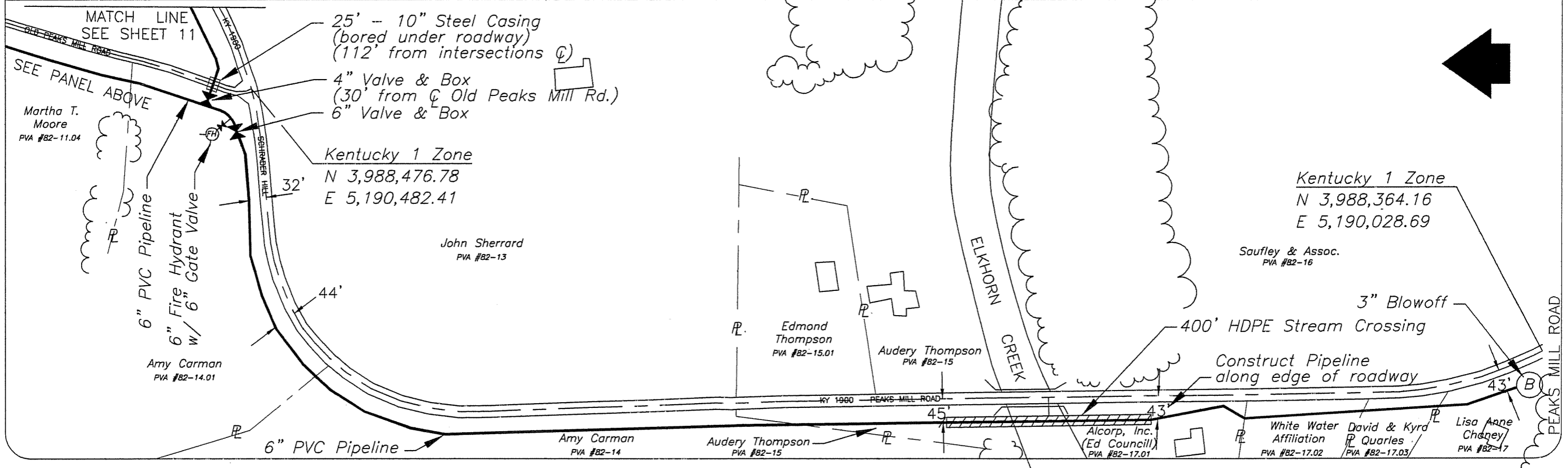
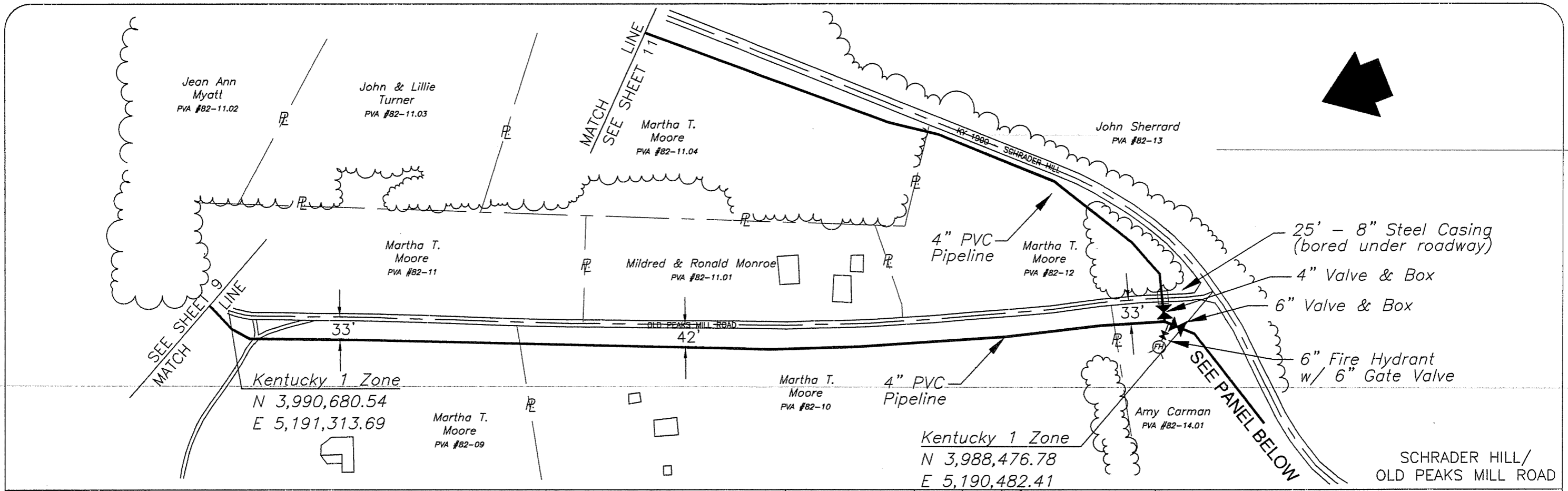
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Concept WAB
Drawn BJC
Checked _____
File 02-3B

PEAKS MILL WATER DISTRICT
Union Ridge Extension



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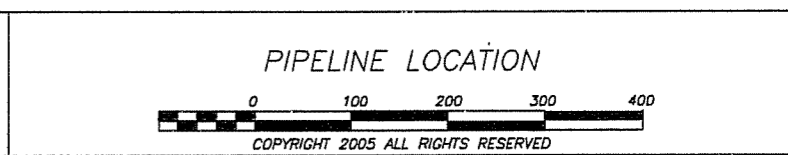


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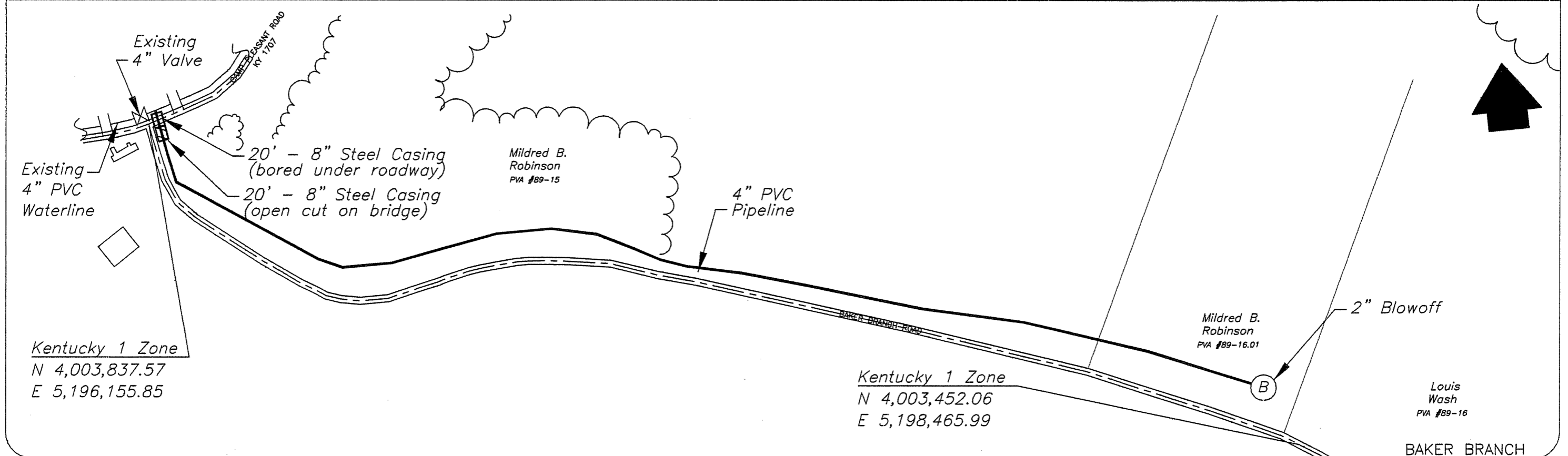
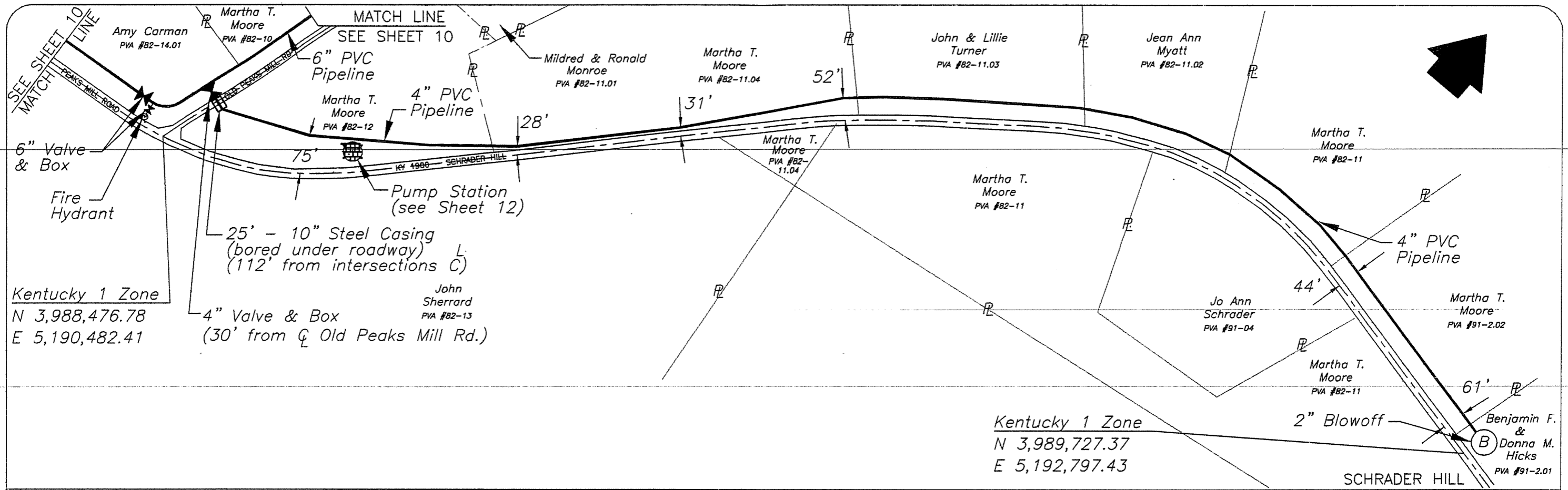
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PEAKS MILL WATER DISTRICT

Union Ridge Extension



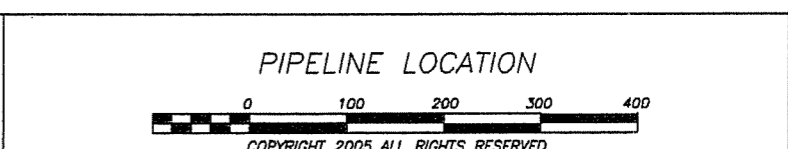
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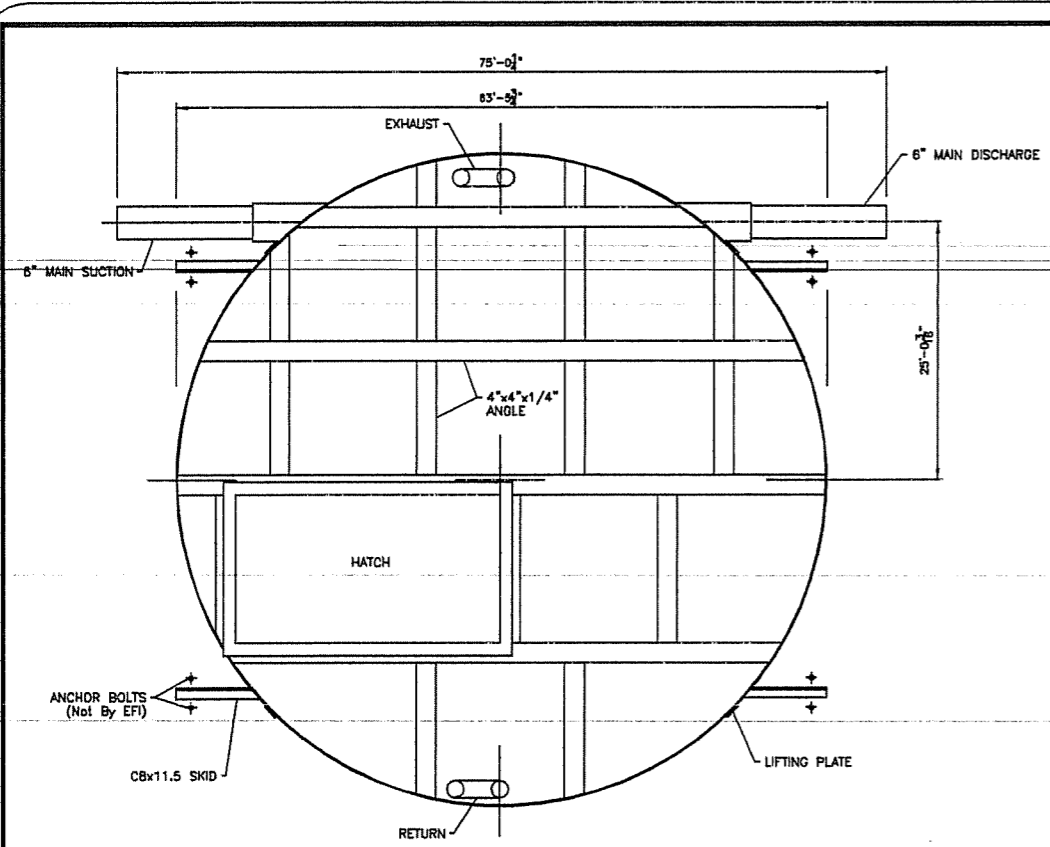
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Concept WAB
Drawn BJC
Checked _____
File 02-38

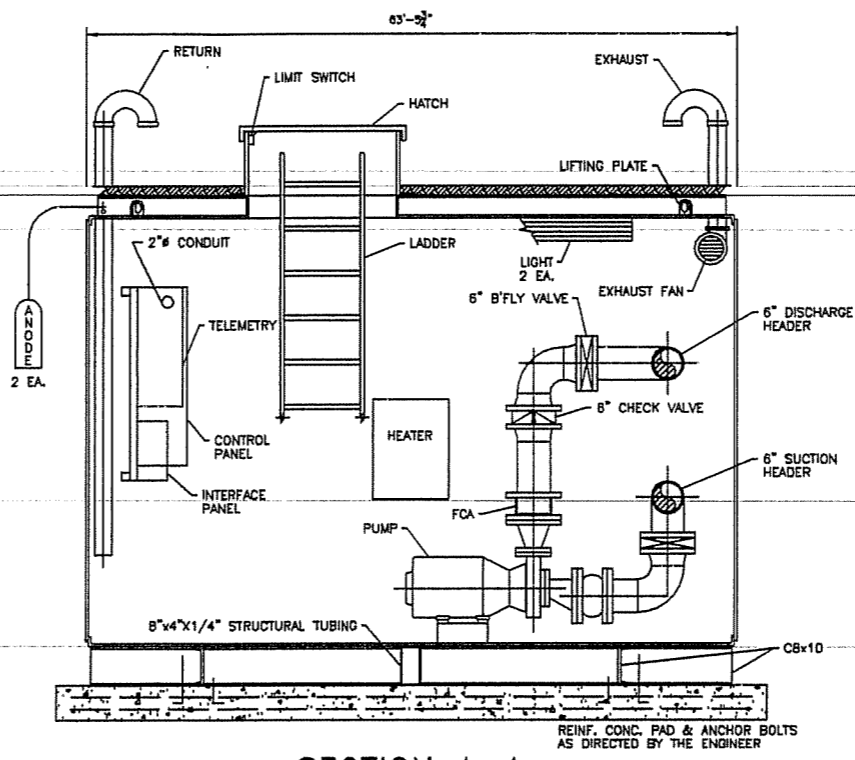
PEAKS MILL WATER DISTRICT
Union Ridge Extension



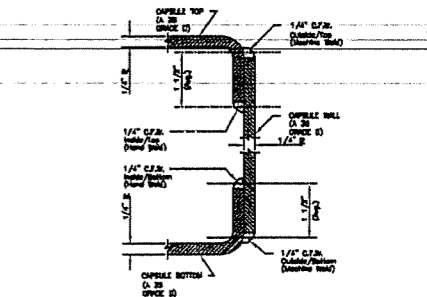
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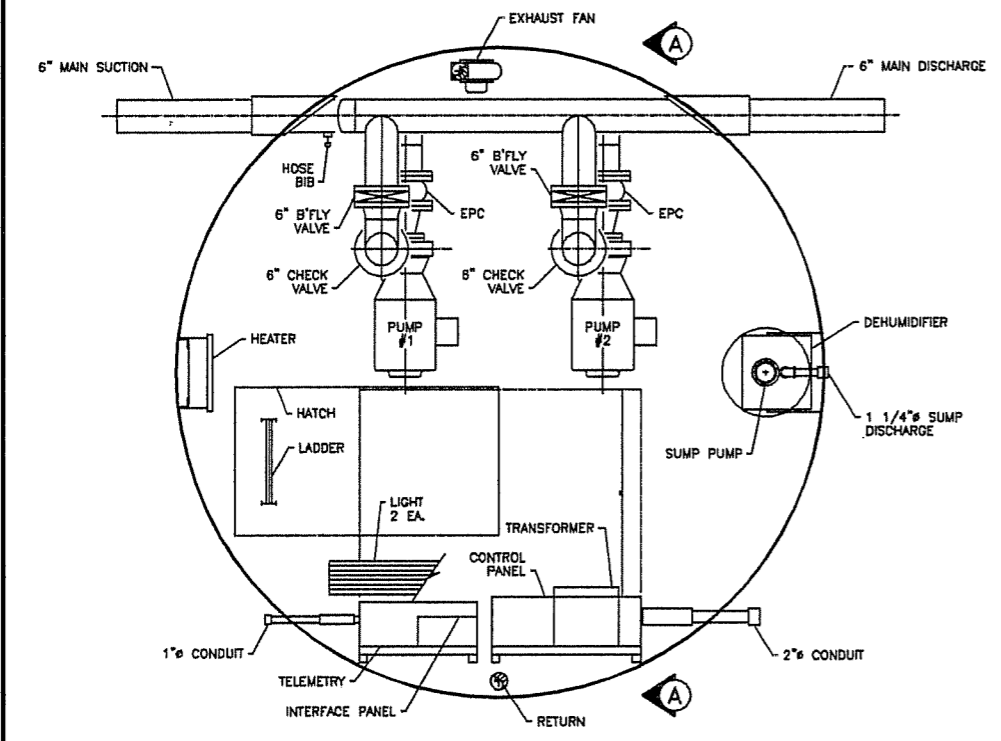
EXTERIOR PLAN



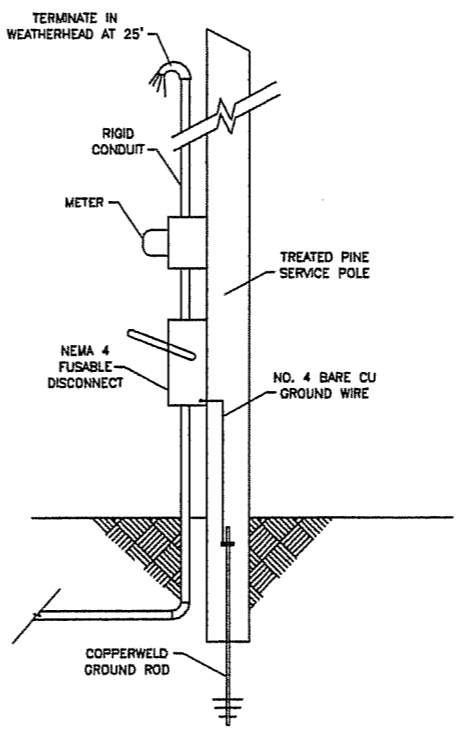
SECTION A-A



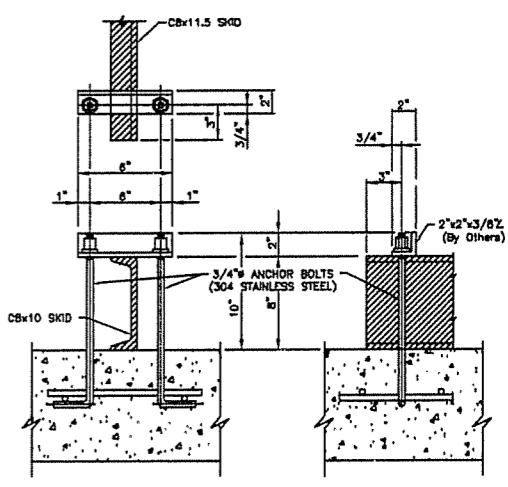
LAP JOINT CONNECTION OF CAPSULE WALL PLATE WITH FLANGE TOP AND BOTTOM



INTERIOR PLAN



SERVICE POLE



TYPICAL ANCHOR DETAIL

NOTE: ANCHOR CLIPS, ANCHOR BOLTS & NUTS BY INSTALLER

DESIGN CRITERIA

Controls TELEMETRY (NOT BY EFi)
 Power Service: 480 Volts, 3 Phase, 60 Cycle

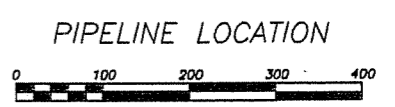
PUMP DATA

Type: HORIZ., CLOSE CPLD., END SUCTION
 Pump 1, 2
 Capacity: 400 G.P.M. AT 140 FEET T.D.H.
 Size: 2 1/2" X 3" X 8"
 Motor: 20 H.P., 3500 R.P.M.

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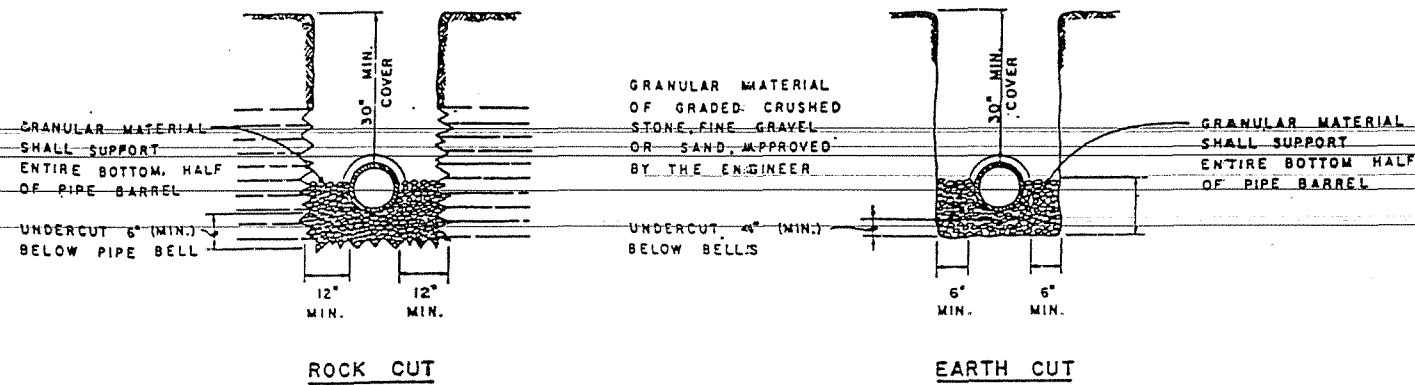
Concept WAB
 Drawn BJC
 Checked _____
 File 02-38

PEAKS MILL WATER DISTRICT
 Union Ridge Extension

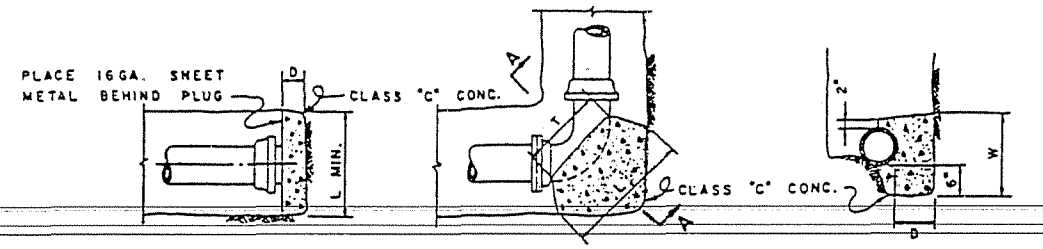


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PIPE BEDDING REQUIREMENTS

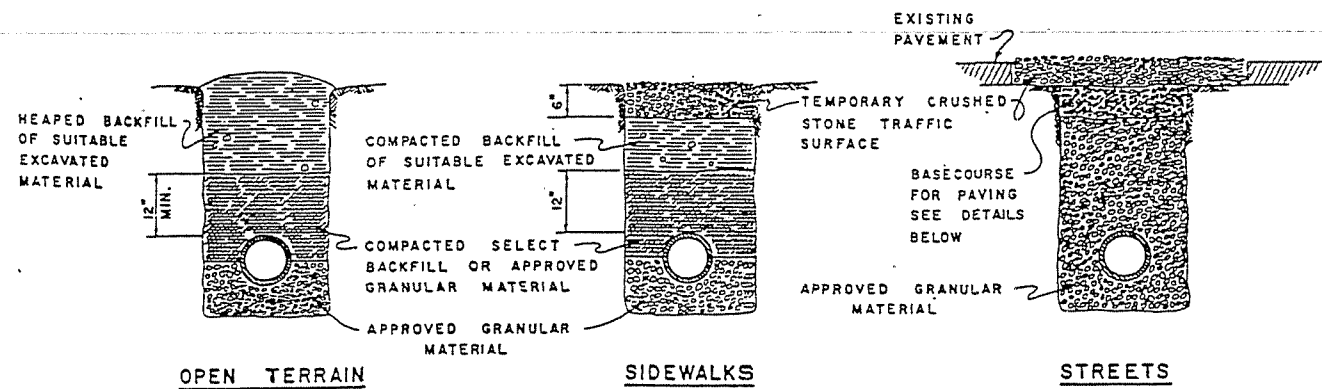


PLUGS PLAN VIEW

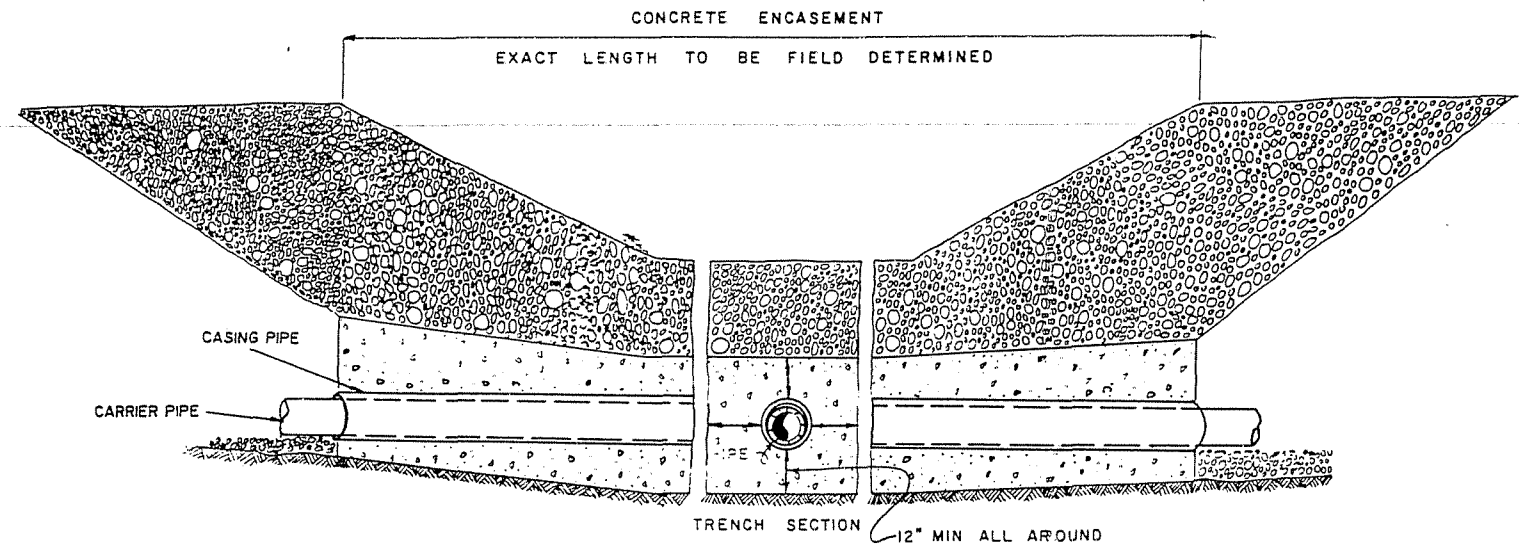
SEE DIM.	PLUGS								45° BENDS								90° BENDS							
	6	8	10	12	16	18	20	24	6	8	10	12	16	18	20	24	6	8	10	12	16	18	20	24
D	6	6	6	6	10	12	14	18	6	6	6	6	8	8	10	10	10	12	12	12	16	20	20	
L	20	22	24	24	32	36	40	48	18	20	22	24	34	40	45	52	24	27	30	34	48	51	54	70
T									16	16	18	18	28	33	37	46	16	18	20	22	36	40	44	50
W	20	22	24	24	32	36	40	48	12	14	16	18	22	25	28	32	12	16	20	24	28	34	40	44

DIMENSIONS GIVEN IN INCHES

THRUST BLOCKS

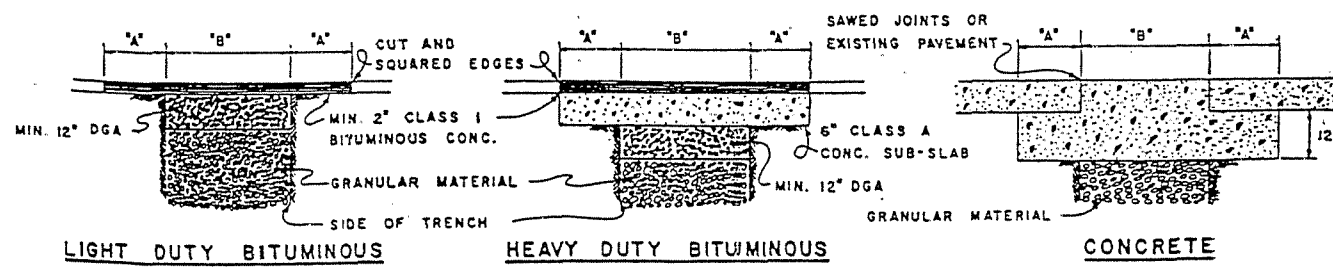


BACKFILLING



STREAM CROSSING DETAIL

NO SCALE



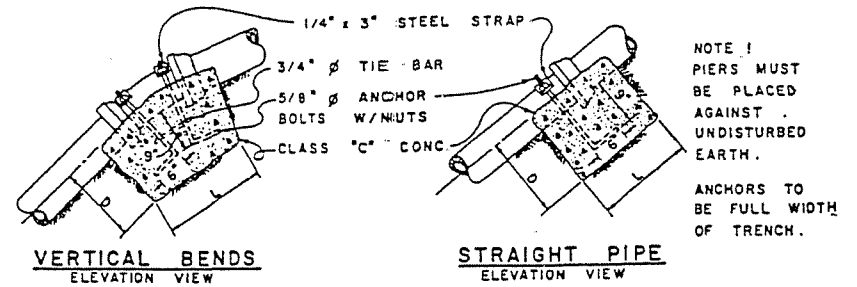
PAVEMENT RESTORATION

IF DISTANCE TO NEAREST JOINT OR BREAK IS LESS THAN 6 FEET, REMOVE EXISTING PAVEMENT TO THE JOINT OR BREAK AND RESTORE ENTIRE AREA. REPLACE WITH CONCRETE PAVEMENT THE SAME THICKNESS AS EXISTING PAVEMENT.

MAX. PAY WIDTH SCHEDULE

PIPE SIZE	"A"	"B"	WIDTH OF REPLACEMENT
4" THRU 12"	12'	30'	4'-6"
14" THRU 18"	12'	36'	5'-0"
20" THRU 24"	12'	42'	5'-6"
26" THRU 36"	12'	54'	6'-6"

PAY SCHEDULE



ANCHOR BLOCKS

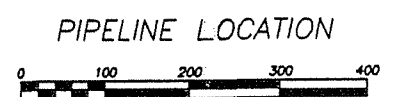
SIZE	VERTICAL BEND				STRAIGHT PIPE			
	6"	8"	10"	12"	16"	18"	20"	24"
D	15"	15"	18"	18"	21"	21"	24"	24"
L	24"	24"	30"	30"	36"	36"	36"	42"

NOTE: PIERS MUST BE PLACED AGAINST UNDISTURBED EARTH. ANCHORS TO BE FULL WIDTH OF TRENCH.

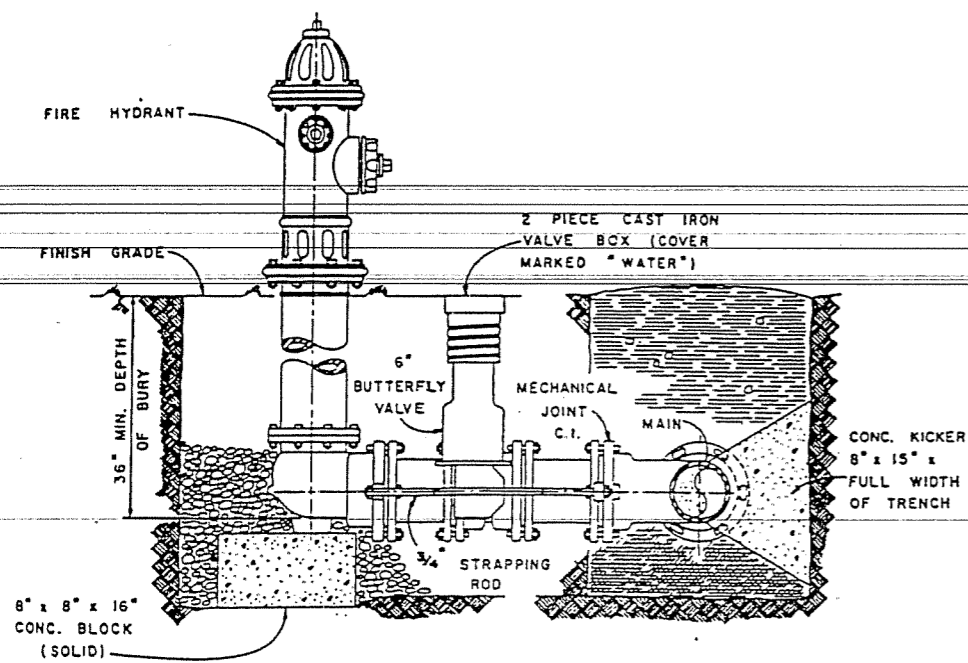
Warner A. Broughman III
and Associates

Concept WAB
Drawn BJC
Checked _____
File 02-38

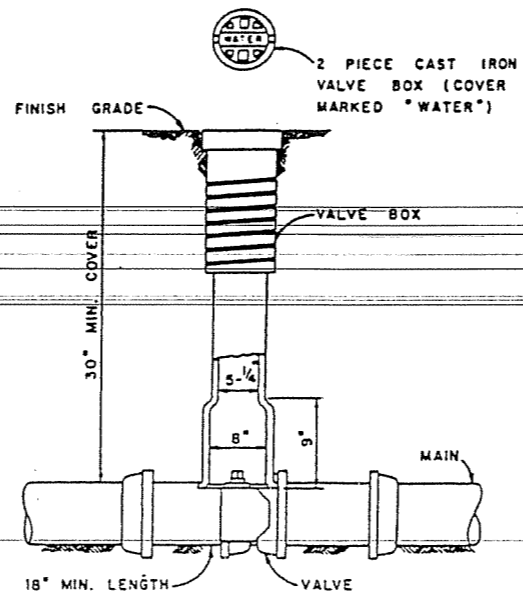
PEAKS MILL WATER DISTRICT
Union Ridge Extension



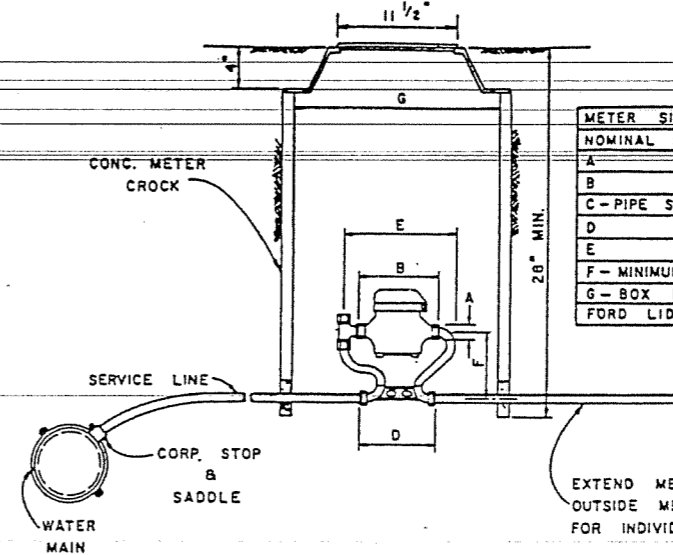
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W-1



FIRE HYDRANT INSTALLATION
NO SCALE



VALVE INSTALLATION
NO SCALE

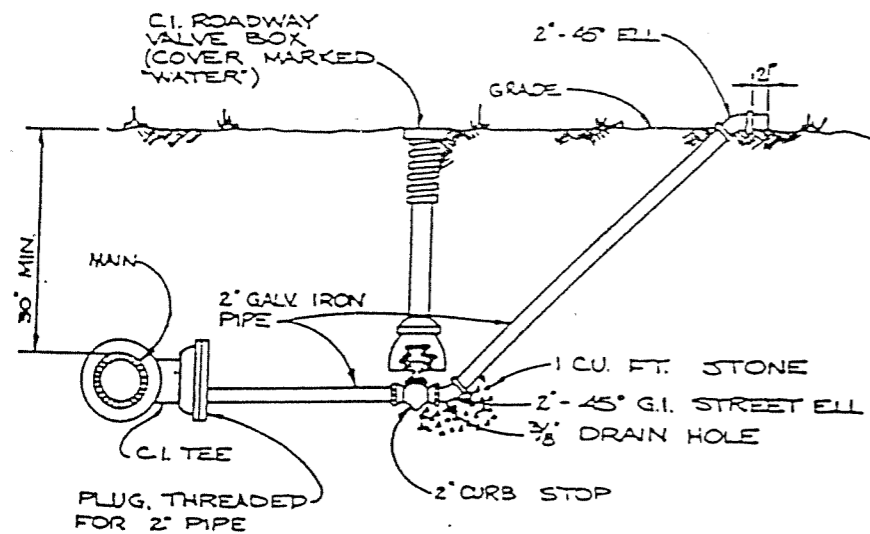


TYPICAL METER SETTING
NO SCALE

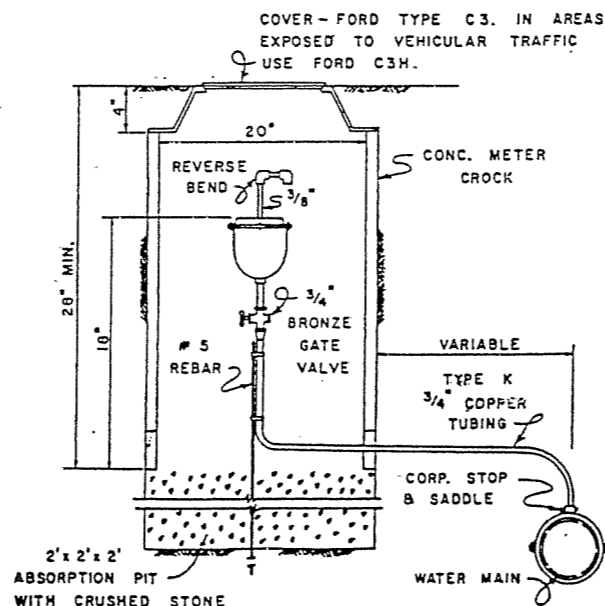
COVER SHALL BE TYPE C CAST IRON SINGLE LID COVER MANUFACTURED BY THE FORD METER BOX CO., WABASH, IND. - COVERS IN AREAS SUBJECT TO VEHICULAR TRAFFIC SHALL BE OF EXTRA HEAVY CONSTRUCTION.

METER SIZE	3/8"	1/2"	3/4"	1"
NOMINAL SIZE OF I.P. THREAD METER SPUD	3/8"	1"	1"	1-1/4"
A	1-1/16"	1-3/16"	1-3/16"	1-3/8"
B	7-7/8"	7-7/8"	9-3/8"	11-1/8"
C - PIPE SIZE INLET AND OUTLET	3/4"	3/4"	3/4"	1"
D	9-1/2"	9-1/2"	11"	12-3/4"
E - MINIMUM HEIGHT	12"	12"	14-1/4"	17-1/4"
F - BOX I.D.	18"	18"	20"	24"
FORD LID NO.	C 32	C 32	C 3	C 3*

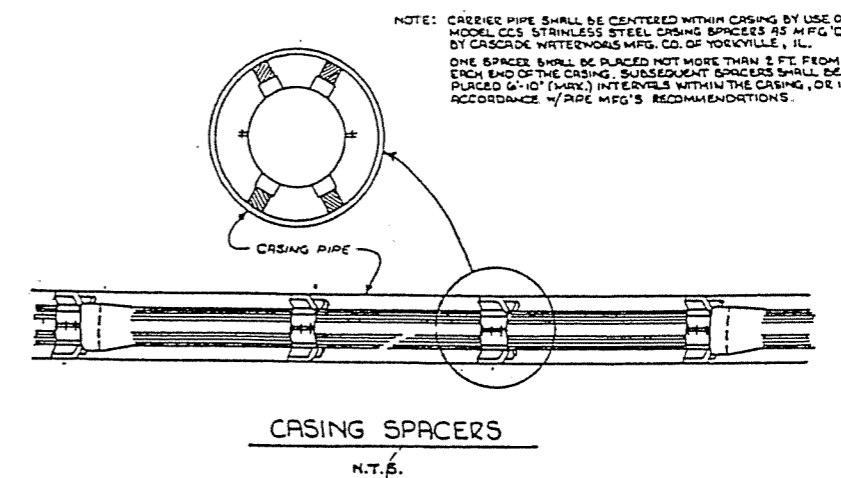
* REQUIRES FORD NO. 2 EXTENSION RING



BLOWOFF INSTALLATION
NO SCALE



AIR RELEASE VALVE
NO SCALE



NOTE: CARRIER PIPE SHALL BE CENTERED WITHIN CASING BY USE OF MODEL CCS STAINLESS STEEL CASING SPACERS AS MFG'D BY CASCADE WATERWORKS MFG. CO. OF YORKVILLE, IL. ONE SPACER SHALL BE PLACED NOT MORE THAN 2 FT. FROM EACH END OF THE CASING. SUBSEQUENT SPACERS SHALL BE PLACED 6'-10" (MAX.) INTERVALS WITHIN THE CASING, OR IN ACCORDANCE W/ PIPE MFG'S RECOMMENDATIONS.

CASING SPACERS
N.T.S.