



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

June 15, 2023

CALL NO. 316
CONTRACT ID NO. 231103
ADDENDUM # 3

Subject: Whitley County, FD04 118 0727 001-002
Letting June 22, 2023

- (1) Revised - Proposal Bid Items - Pages 69-72 of 72
- (2) Revised - Utility Plan Sheets - Pages U1-U3, U6, U7, and U9-U20

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

Rachel Mills,

A handwritten signature in black ink that reads "Rachel Mills". The signature is written in a cursive, flowing style.

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures

231103

PROPOSAL BID ITEMS

Report Date 6/15/23

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	8,194.00	TON		\$	
0020	00008		CEMENT STABILIZED ROADBED	13,445.00	SQYD		\$	
0030	00020		TRAFFIC BOUND BASE	26.00	TON		\$	
0040	00078		CRUSHED AGGREGATE SIZE NO 2	1,000.00	TON		\$	
0050	00100		ASPHALT SEAL AGGREGATE	29.00	TON		\$	
0060	00103		ASPHALT SEAL COAT	4.00	TON		\$	
0070	00212		CL2 ASPH BASE 1.00D PG64-22	2,137.00	TON		\$	
0080	00301		CL2 ASPH SURF 0.38D PG64-22	919.00	TON		\$	
0090	00356		ASPHALT MATERIAL FOR TACK	8.00	TON		\$	
0100	00358		ASPHALT CURING SEAL	13.00	TON		\$	
0110	02073		JPC PAVEMENT-9 IN	1,139.00	SQYD		\$	
0120	02101		CEM CONC ENT PAVEMENT-8 IN	514.00	SQYD		\$	
0130	02542		CEMENT	266.00	TON		\$	
0140	02702		SAND FOR BLOTTER	34.00	TON		\$	
0150	24903EC		CL2 ASPH BASE CK PG64-22	2,704.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0160	00071		CRUSHED AGGREGATE SIZE NO 57	800.00	TON		\$	
0170	00078		CRUSHED AGGREGATE SIZE NO 2	4.00	TON		\$	
0180	01000		PERFORATED PIPE-4 IN	1,357.00	LF		\$	
0190	01010		NON-PERFORATED PIPE-4 IN	349.00	LF		\$	
0200	01028		PERF PIPE HEADWALL TY 3-4 IN	4.00	EACH		\$	
0210	01691		FLUME INLET TYPE 2	2.00	EACH		\$	
0220	01891		ISLAND HEADER CURB TYPE 2	1,428.00	LF		\$	
0230	02014		BARRICADE-TYPE III	7.00	EACH		\$	
0240	02200		ROADWAY EXCAVATION	16,734.00	CUYD		\$	
0250	02242		WATER	480.00	MGAL		\$	
0260	02429		RIGHT-OF-WAY MONUMENT TYPE 1	21.00	EACH		\$	
0270	02430		RIGHT-OF-WAY MONUMENT TYPE 1A	1.00	EACH		\$	
0280	02432		WITNESS POST	21.00	EACH		\$	
0290	02483		CHANNEL LINING CLASS II	138.00	TON		\$	
0300	02484		CHANNEL LINING CLASS III	107.00	TON		\$	
0310	02545		CLEARING AND GRUBBING APPROX. 6.2 ACRES	1.00	LS		\$	
0320	02562		TEMPORARY SIGNS	700.00	SQFT		\$	
0330	02585		EDGE KEY	201.00	LF		\$	
0340	02602		FABRIC-GEOTEXTILE CLASS 1	2,300.00	SQYD		\$	
0350	02603		FABRIC-GEOTEXTILE CLASS 2	1,599.00	SQYD		\$	
0360	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	1,217.00	SQYD	\$2.00	\$	\$2,434.00
0370	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0380	02671		PORTABLE CHANGEABLE MESSAGE SIGN	3.00	EACH		\$	
0390	02701		TEMP SILT FENCE	1,000.00	LF		\$	
0400	02703		SILT TRAP TYPE A	10.00	EACH		\$	
0410	02704		SILT TRAP TYPE B	10.00	EACH		\$	

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PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0420	02705		SILT TRAP TYPE C	10.00	EACH		\$	
0430	02706		CLEAN SILT TRAP TYPE A	30.00	EACH		\$	
0440	02707		CLEAN SILT TRAP TYPE B	30.00	EACH		\$	
0450	02708		CLEAN SILT TRAP TYPE C	30.00	EACH		\$	
0460	02726		STAKING	1.00	LS		\$	
0470	05950		EROSION CONTROL BLANKET	1,063.00	SQYD		\$	
0480	05953		TEMP SEEDING AND PROTECTION	7,735.00	SQYD		\$	
0490	05963		INITIAL FERTILIZER	.80	TON		\$	
0500	05964		MAINTENANCE FERTILIZER	.50	TON		\$	
0510	05985		SEEDING AND PROTECTION	14,406.00	SQYD		\$	
0520	05992		AGRICULTURAL LIMESTONE	10.00	TON		\$	
0530	06406		SBM ALUM SHEET SIGNS .080 IN	228.00	SQFT		\$	
0540	06410		STEEL POST TYPE 1	384.00	LF		\$	
0550	06542		PAVE STRIPING-THERMO-6 IN W	5,083.00	LF		\$	
0560	06543		PAVE STRIPING-THERMO-6 IN Y	5,081.00	LF		\$	
0570	06544		PAVE STRIPING-THERMO-8 IN W	679.00	LF		\$	
0580	06546		PAVE STRIPING-THERMO-12 IN W	544.00	LF		\$	
0590	06547		PAVE STRIPING-THERMO-12 IN Y	813.00	LF		\$	
0600	06568		PAVE MARKING-THERMO STOP BAR-24IN	73.00	LF		\$	
0610	06574		PAVE MARKING-THERMO CURV ARROW	4.00	EACH		\$	
0620	06575		PAVE MARKING-THERMO COMB ARROW	9.00	EACH		\$	
0630	08100		CONCRETE-CLASS A	4.71	CUYD		\$	
0640	08150		STEEL REINFORCEMENT	38.00	LB		\$	
0650	10020NS		FUEL ADJUSTMENT	16,110.00	DOLL	\$1.00	\$	\$16,110.00
0660	10030NS		ASPHALT ADJUSTMENT	22,519.00	DOLL	\$1.00	\$	\$22,519.00
0670	20550ND		SAWCUT PAVEMENT	460.00	LF		\$	
0680	21289ED		LONGITUDINAL EDGE KEY	81.00	LF		\$	
0690	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	48.00	LF		\$	
0700	23274EN11F		TURF REINFORCEMENT MAT 1	1,549.00	SQYD		\$	
0710	24261EC		ISLAND CURB AND GUTTER(MODIFIED)	1,552.00	LF		\$	
0720	24631EC		BARCODE SIGN INVENTORY	55.00	EACH		\$	
0730	24683ED		PAVE MARKING-THERMO DOTTED LANE EXTEN	125.00	LF		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0740	00440		ENTRANCE PIPE-15 IN	152.00	LF		\$	
0750	00441		ENTRANCE PIPE-18 IN	42.00	LF		\$	
0760	00462		CULVERT PIPE-18 IN	284.00	LF		\$	
0770	00521		STORM SEWER PIPE-15 IN	212.00	LF		\$	
0780	00522		STORM SEWER PIPE-18 IN	13.00	LF		\$	
0790	00524		STORM SEWER PIPE-24 IN	248.00	LF		\$	
0800	01450		S & F BOX INLET-OUTLET-18 IN	4.00	EACH		\$	
0810	01480		CURB BOX INLET TYPE B	5.00	EACH		\$	
0820	01490		DROP BOX INLET TYPE 1	1.00	EACH		\$	
0830	01559		DROP BOX INLET TYPE 13G	1.00	EACH		\$	
0840	01756		MANHOLE TYPE A	1.00	EACH		\$	

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Section: 0004 - SEWER

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0850	15023		S ENCASEMENT STEEL OPEN CUT RANGE 4 (16") REV. 6-15-23	374.00	LF		\$	
0860	15026		S FORCE MAIN AIR RLS/VAC VLV 02 IN (COMBINATION SEWAGE AIR/VACUUM RELEASE)	1.00	EACH		\$	
0870	15061		S FORCE MAIN PVC 08 INCH (DR-21) REV. 6-15-23	1,151.00	LF		\$	
0880	15075		S FORCE MAIN TIE-IN 08 INCH REV 6-15-23	4.00	EACH		\$	

Section: 0005 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0890	04701		POLE 40 FT MTG HT	12.00	EACH		\$	
0900	04721		BRACKET 6 FT	3.00	EACH		\$	
0910	04723		BRACKET 10 FT	4.00	EACH		\$	
0920	04724		BRACKET 12 FT	5.00	EACH		\$	
0930	04740		POLE BASE	12.00	EACH		\$	
0940	04750		TRANSFORMER BASE	12.00	EACH		\$	
0950	04761		LIGHTING CONTROL EQUIPMENT	1.00	EACH		\$	
0960	04780		FUSED CONNECTOR KIT	24.00	EACH		\$	
0970	04820		TRENCHING AND BACKFILLING	1,275.00	LF		\$	
0980	04832		WIRE-NO. 12	1,875.00	LF		\$	
0990	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	6.00	EACH		\$	
1000	21543EN		BORE AND JACK CONDUIT	325.00	LF		\$	
1010	23778EC		WIRE-NO. 10	5,250.00	LF		\$	
1020	24589ED		LED LUMINAIRE	12.00	EACH		\$	
1030	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	1,275.00	LF		\$	
1040	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	330.00	LF		\$	

Section: 0006 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1050	14003		W CAP EXISTING MAIN (2")	3.00	EACH		\$	
1060	14003		W CAP EXISTING MAIN (6")	5.00	EACH		\$	
1070	14003		W CAP EXISTING MAIN (8")	1.00	EACH		\$	
1080	14012		W ENCASEMENT STEEL OPEN CUT RANGE 1 (6")	77.00	LF		\$	
1090	14014		W ENCASEMENT STEEL OPEN CUT RANGE 3 (12")	156.00	LF		\$	
1100	14019		W FIRE HYDRANT ASSEMBLY	5.00	EACH		\$	
1105	14030		W METER RELOCATE ADDED 6-15-23	2.00	EACH		\$	

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PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1110	14056		W PIPE PVC 02 INCH (DR-17)	571.00	LF		\$	
1120	14059		W PIPE PVC 06 INCH (C900) REV. 6-15-23	1,214.00	LF		\$	
1130	14060		W PIPE PVC 08 INCH (C900)	434.00	LF		\$	
1140	14089		W TAPPING SLEEVE AND VALVE SIZE 1 (TIE TO EX. 2" WET TAP)	3.00	EACH		\$	
1150	14089		W TAPPING SLEEVE AND VALVE SIZE 1 (TIE TO EX. 6" WET TAP)	5.00	EACH		\$	
1160	14089		W TAPPING SLEEVE AND VALVE SIZE 1 (TIE TO EX. 8" WET TAP)	1.00	EACH		\$	
1170	14102		W VALVE 02 INCH (GATE)	1.00	EACH		\$	
1180	14105		W VALVE 06 INCH (GATE)	5.00	EACH		\$	
1190	14106		W VALVE 08 INCH (GATE)	2.00	EACH		\$	
1200	14152		W SERV COPPER SHORT SIDE 3/4 IN	8.00	EACH		\$	
1210	14158		W BLOWOFF ASSEMBLY (2" VALVE)	2.00	EACH		\$	
1220	14163		W LINE STOP SIZE 1 (2" INSERTION VALVE)	3.00	EACH		\$	
1230	14163		W LINE STOP SIZE 1 (6" INSERTION VALVE)	5.00	EACH		\$	
1240	14163		W LINE STOP SIZE 1 (8" INSERTION VALVE)	1.00	EACH		\$	

Section: 0007 - DEMOBILIZATION &/OR MOBILIZATION

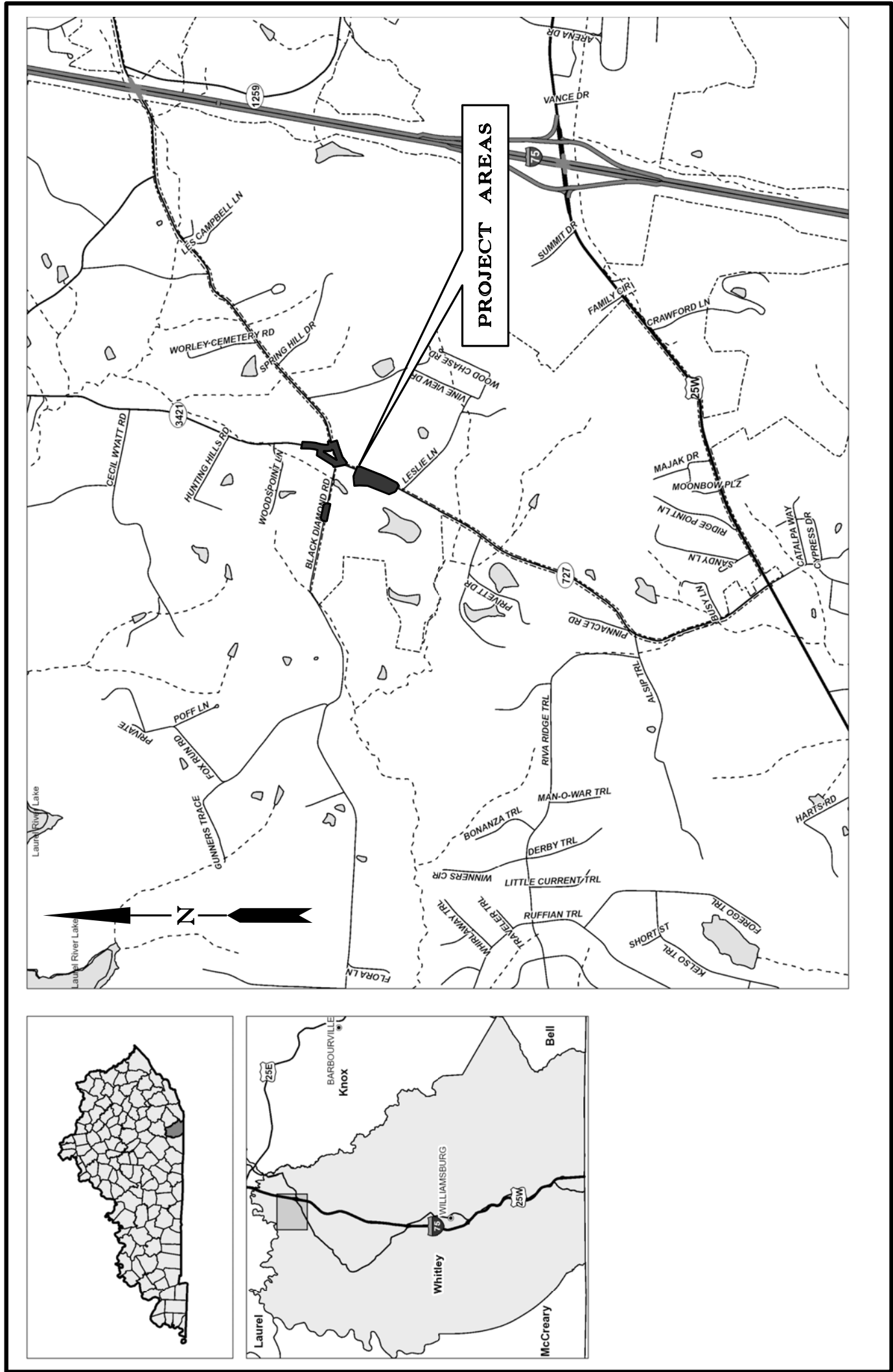
LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1250	02568		MOBILIZATION	1.00	LS		\$	
1260	02569		DEMOBILIZATION	1.00	LS		\$	

CONSTRUCTION DRAWINGS FOR:

KY 727 SOUTH (FIFTH STREET ROAD) UTILITY RELOCATIONS CORBIN, WHITLEY COUNTY, KENTUCKY

PREPARED FOR:

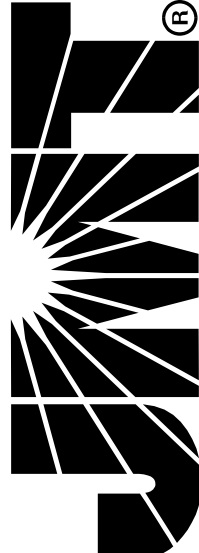
CITY UTILITIES COMMISSION
RON HERD, PE - MANAGER



LOCATION MAP
NOT TO SCALE

INDEX OF SHEETS	
SHEET No.	DESCRIPTION
U1	COVER SHEET
U2	UTILITY RELOCATION PLAN SHEET 1 - STA.50 + 00 TO 53 + 00
U3	WATER LINE RELOCATION PROFILE - STA.50 + 00 TO 53 + 00
U4	SEWER FORCE MAIN RELOCATION PROFILE - STA.50 + 00 TO 53 + 00
U5	UTILITY RELOCATION PLAN SHEET 2 - STA.53 + 00 TO 58 + 30
U6	WATER LINE RELOCATION PROFILE - STA.53 + 00 TO 58 + 30
U7	SEWER FORCE MAIN RELOCATION PROFILE - STA.53 + 00 TO 58 + 30
U8	UTILITY RELOCATION PLAN SHEET 3 - STA.10 + 00 TO 14 + 30
U9	WATER LINE RELOCATION PROFILE - STA.10 + 00 TO 14 + 30
U10	UTILITY RELOCATION PLAN SHEET 4 - STA.14 + 30 TO 20 + 30
U11	WATER LINE RELOCATION PROFILE - STA.14 + 30 TO 20 + 30
U12	SEWER FORCE MAIN RELOCATION PROFILE - STA.14 + 30 TO 20 + 30
U13	UTILITY RELOCATION PLAN SHEET 5 - STA.20 + 30 TO 24 + 15.65
U14	WATER LINE RELOCATION PROFILE - STA.20 + 30 TO 24 + 15.65
U15	SEWER FORCE MAIN RELOCATION PROFILE - STA.20 + 30 TO 21 + 15.65
U16	UTILITY RELOCATION PLAN SHEET 6 - STA.100 + 80 TO 106 + 80
U17	WATER LINE RELOCATION PROFILE 1 - STA.100 + 80 TO 106 + 80
U18	WATER LINE RELOCATION PROFILE 2 - STA.100 + 80 TO 106 + 80
U19	TYPICAL WATER LINE DETAILS
U20	TYPICAL SEWER LINE DETAILS

PLANS PREPARED BY:

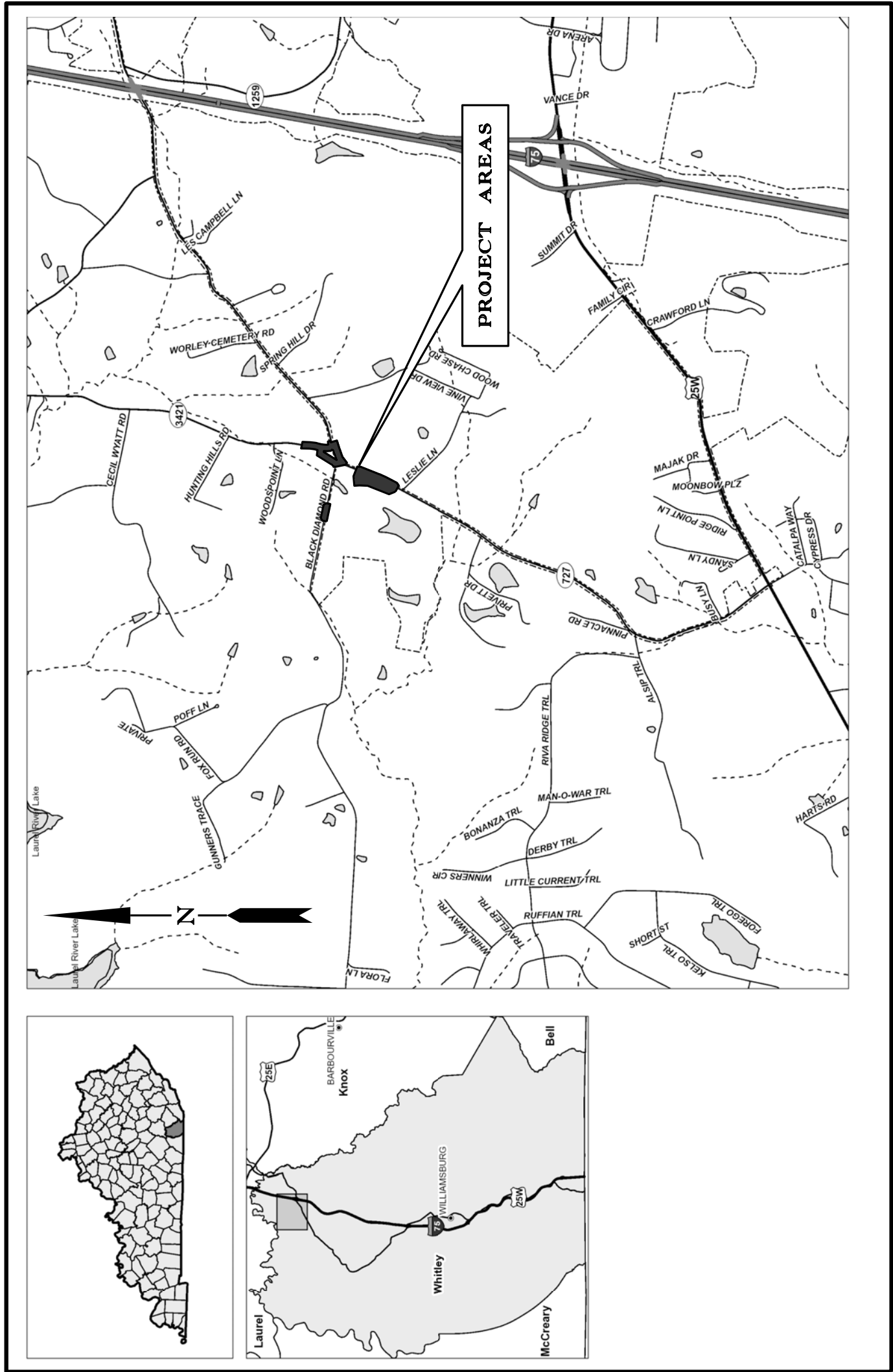


109 S.24th Street
Middleboro, Kentucky 40965

CONSTRUCTION DRAWINGS FOR:

KY 727 SOUTH (FIFTH STREET ROAD) UTILITY RELOCATIONS CORBIN, WHITLEY COUNTY, KENTUCKY

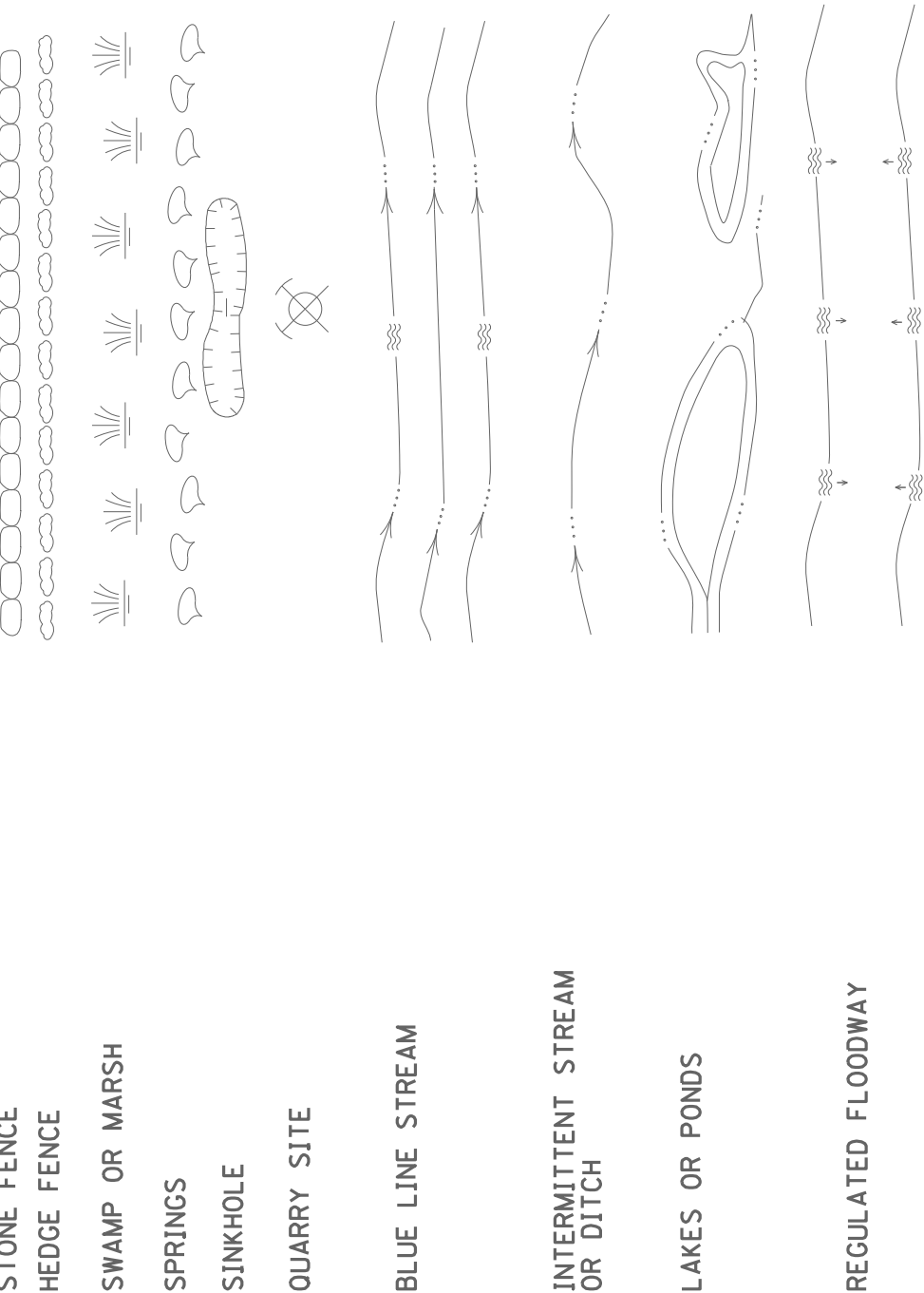
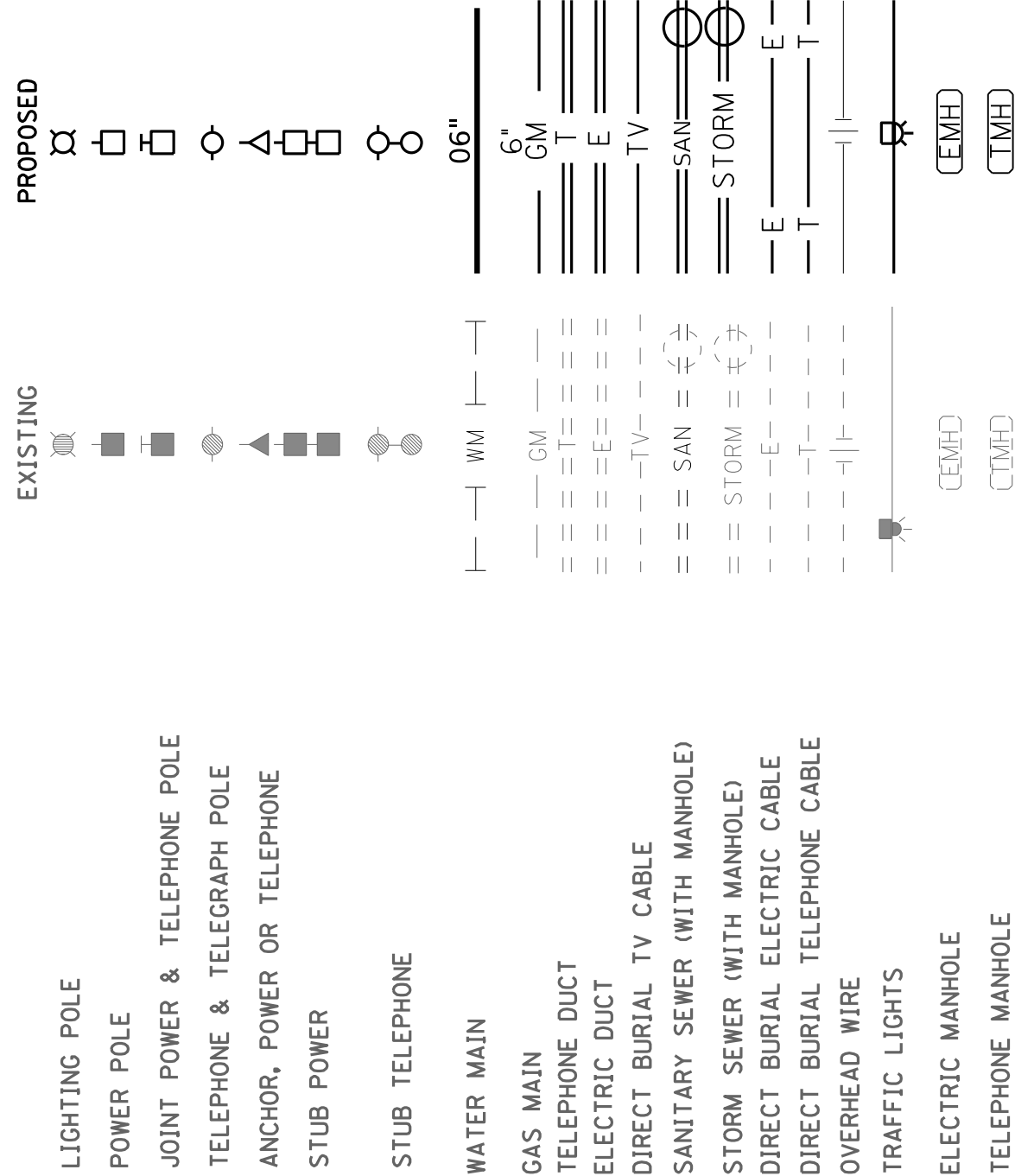
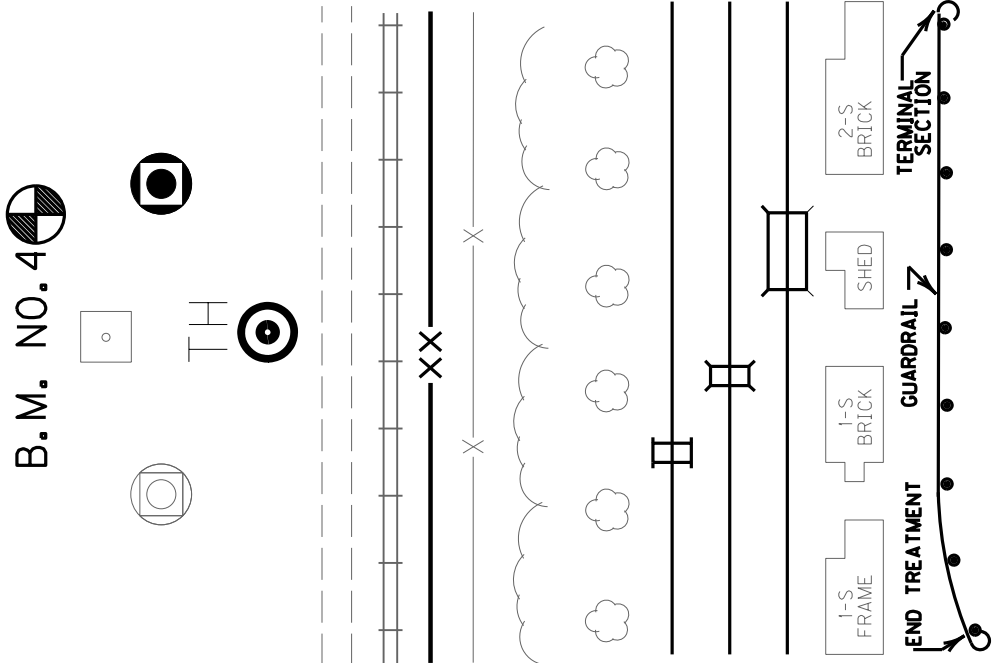
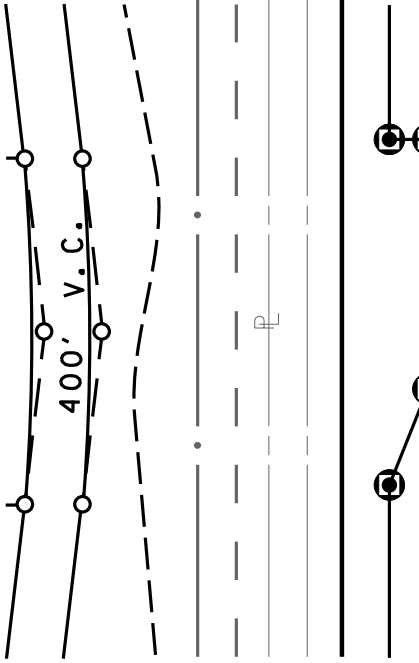
PREPARED FOR:
CITY UTILITIES COMMISSION
RON HERD, PE - MANAGER



LOCATION MAP
NOT TO SCALE

INDEX OF SHEETS	
SHEET No.	DESCRIPTION
U1	COVER SHEET
U2	UTILITY RELOCATION PLAN SHEET 1 - STA. 50 + 00 TO 53 + 00
U3	WATER LINE RELOCATION PROFILE - STA. 50 + 00 TO 53 + 00
U4	SEWER FORCE MAIN RELOCATION PROFILE - STA. 50 + 00 TO 53 + 00
U5	UTILITY RELOCATION PLAN SHEET 2 - STA. 53 + 00 TO 58 + 30
U6	WATER LINE RELOCATION PROFILE - STA. 53 + 00 TO 58 + 30
U7	SEWER FORCE MAIN RELOCATION PROFILE - STA. 53 + 00 TO 58 + 30
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U10	UTILITY RELOCATION PLAN SHEET 4 - STA. 14 + 30 TO 20 + 30
U11	WATER LINE RELOCATION PROFILE - STA. 14 + 30 TO 20 + 30
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U13	UTILITY RELOCATION PLAN SHEET 5 - STA. 20 + 30 TO 24 + 15.65
U14	WATER LINE RELOCATION PROFILE - STA. 20 + 30 TO 24 + 15.65
U15	SEWER FORCE MAIN RELOCATION PROFILE - STA. 20 + 30 TO 21 + 15.65
U16	UTILITY RELOCATION PLAN SHEET 6 - STA. 100 + 80 TO 106 + 80
U17	WATER LINE RELOCATION PROFILE 1 - STA. 100 + 80 TO 106 + 80
U18	WATER LINE RELOCATION PROFILE 2 - STA. 100 + 80 TO 106 + 80
U19	TYPICAL WATER LINE DETAILS
U20	TYPICAL SEWER LINE DETAILS

CONVENTIONAL SIGNS



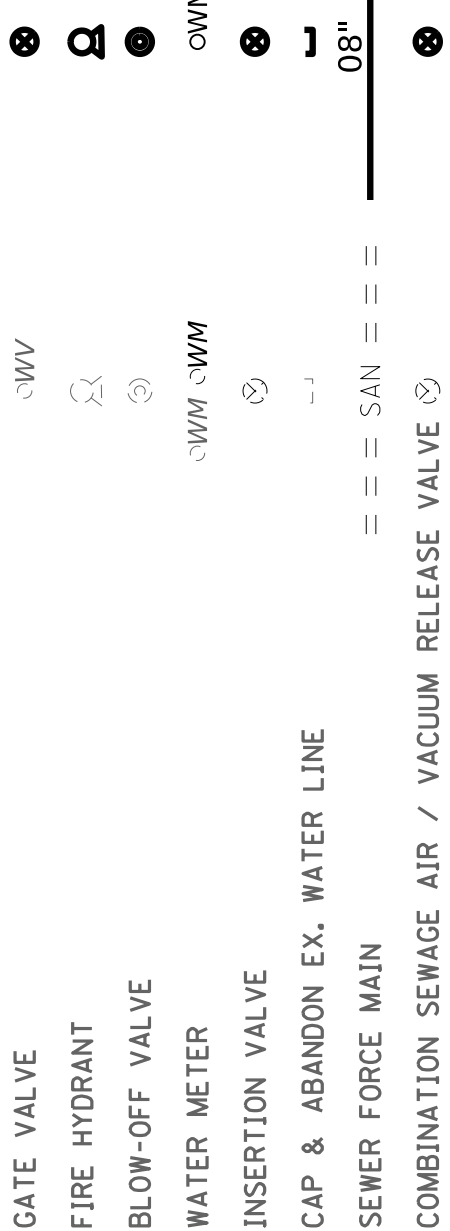
KY 727 SOUTH (FIFTH STREET ROAD) UTILITY RELOCATIONS				Jun-23
GENERAL SUMMARY				
Item Code	Item Description	Units	Quantity	
Waterline Relocations				
14080	W Pipe PVC 06 Inch (C900)	LF	434	
14089	W Pipe PVC 06 Inch (C900)	LF	1,214	
14090	W Pipe PVC 06 Inch (C900)	LF	1,214	
14014	W Encasement Steel Open Out Range 3 (12")	LF	158	
14012	W Encasement Steel Open Out Range 1 (6")	LF	77	
14106	W Blowoff Assembly (12" Valve)	EA	2	
14108	W Valve 08 Inch (Gate)	EA	2	
14105	W Valve 08 Inch (Gate)	EA	5	
14102	W Valve 02 Inch (Gate)	EA	1	
14103	W Line Stop Size 1 (6" Insertion Valve)	EA	3	
14163	W Line Stop Size 1 (2" Insertion Valve)	EA	5	
14003	W Cap Existing Main (6")	EA	1	
14003	W Cap Existing Main (2")	EA	5	
14089	W Tapping Sleeve & Valve Size 1 (Tie to Ex. 6" WL - Wet Tap)	EA	3	
14089	W Tapping Sleeve & Valve Size 1 (Tie to Ex. 6" WL - Wet Tap)	EA	9	
14089	W Tapping Sleeve & Valve Size 1 (Tie to Ex. 2" WL - Wet Tap)	EA	3	
14019	W Fine Hydrant Assembly	EA	5	
14152	W Service Copper Short Side 3/4 Inch	EA	8	
14030	W Meter Relocate	EA	2	
Sewer Relocations				
15028	S Force Main PVC 08 Inch (DR-21)	LF	1,151	
15023	S Encasement Steel Open Out Range 4 (16")	LF	374	
15075	S Force Main Tie-In 08 Inch	EA	4	
15028	S Force Main Air Release/Vacuum Valve 02 Inch (Combination Sewage Air/Vacuum Release)	EA	1	

SEWER LINE CONSTRUCTION NOTES

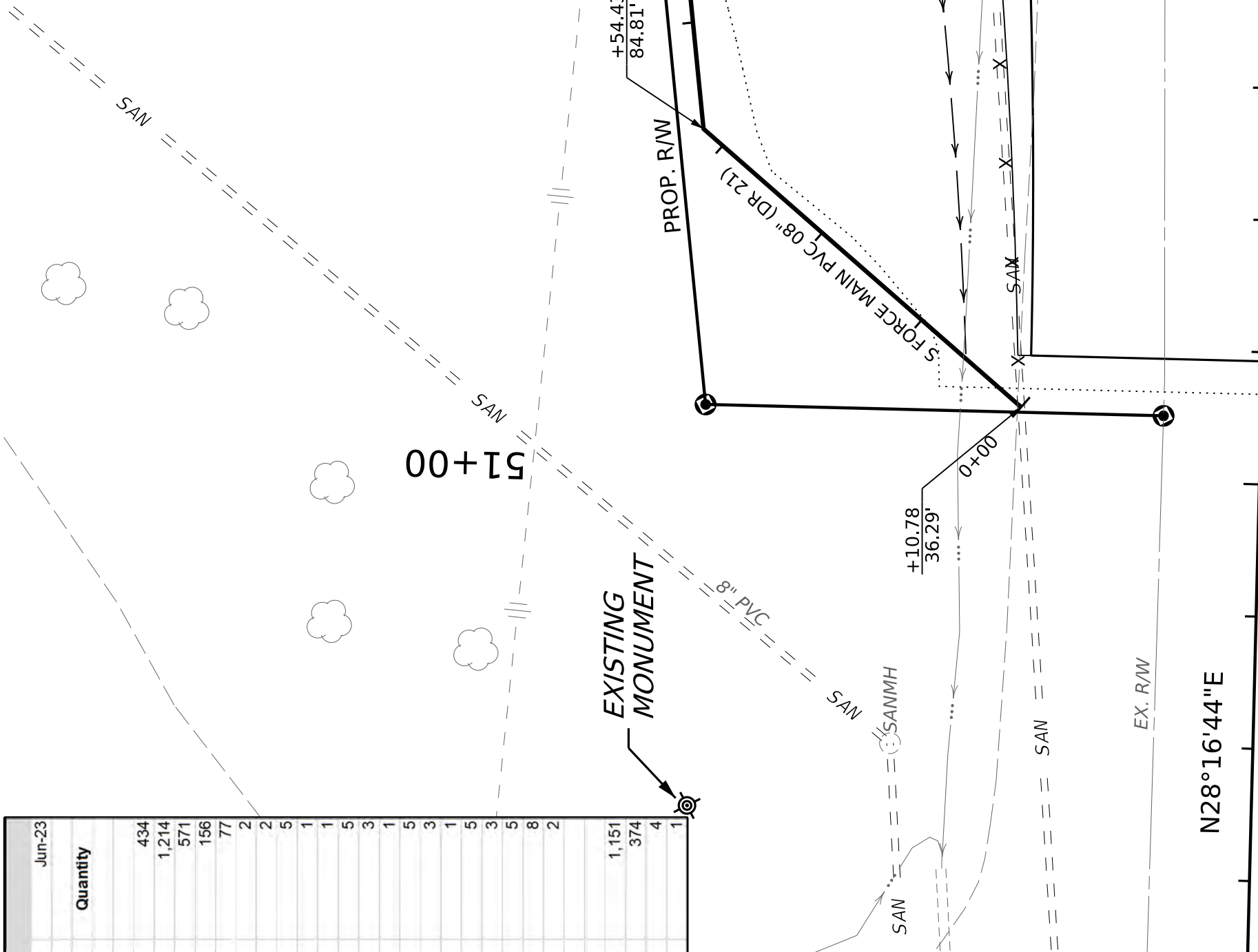
36.29' LT. STA. 51+10.78 CONSTRUCT S FORCE MAIN TIE-IN 08"
36.29' LT. STA. 51+10.78 TO 88.19' LT. STA. 53+00.00 CONSTRUCT 198 LF
OF S FORCE MAIN PVC 08" (DR 21)

WATERLINE CONSTRUCTION NOTES

21.75' RT. STA. 51+07.81 TO 40.99' RT. STA. 53+00.00 CONSTRUCT
202 LF OF W PIPE PVC 06" (C-900)
21.75' RT. STA. 51+07.81 CONSTRUCT W TAPPING SLEEVE & VALVE SIZE 1 (TIE TO EX. 6" WL - WET TAP)
27.53' RT. STA. 51+08.47 CONSTRUCT W FIRE HYDRANT ASSEMBLY
21.76' RT. STA. 51+10.81 CONSTRUCT W LINE STOP SIZE 1 (6" INSERTION VALVE)
21.76' RT. STA. 51+10.81 CONSTRUCT W CAP EXISTING MAIN (6")



The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.



UTILITY CONTACTS

WATER, & SEWER
CORBIN CITY UTILITIES
1515 CUMBERLAND FALLS HIGHWAY
CORBIN, KY 40701
ATTN: RON HERD
606-528-4026
ron.herd@corbinutilities.com

GAS
DELTA NATURAL GAS
3617 LEXINGTON ROAD
WINCHESTER, KY
859-744-6171
bmeans@DeltaGas.com

ELECTRIC
CUMBERLAND VALLEY RURAL ELECTRIC
P.O. BOX 440 / 6219 NORTH US 25E
GRAY, KY 40734
ATTN: MARK ABNER
606-546-9295
Mark.Abner@cumberlandvalley.coop

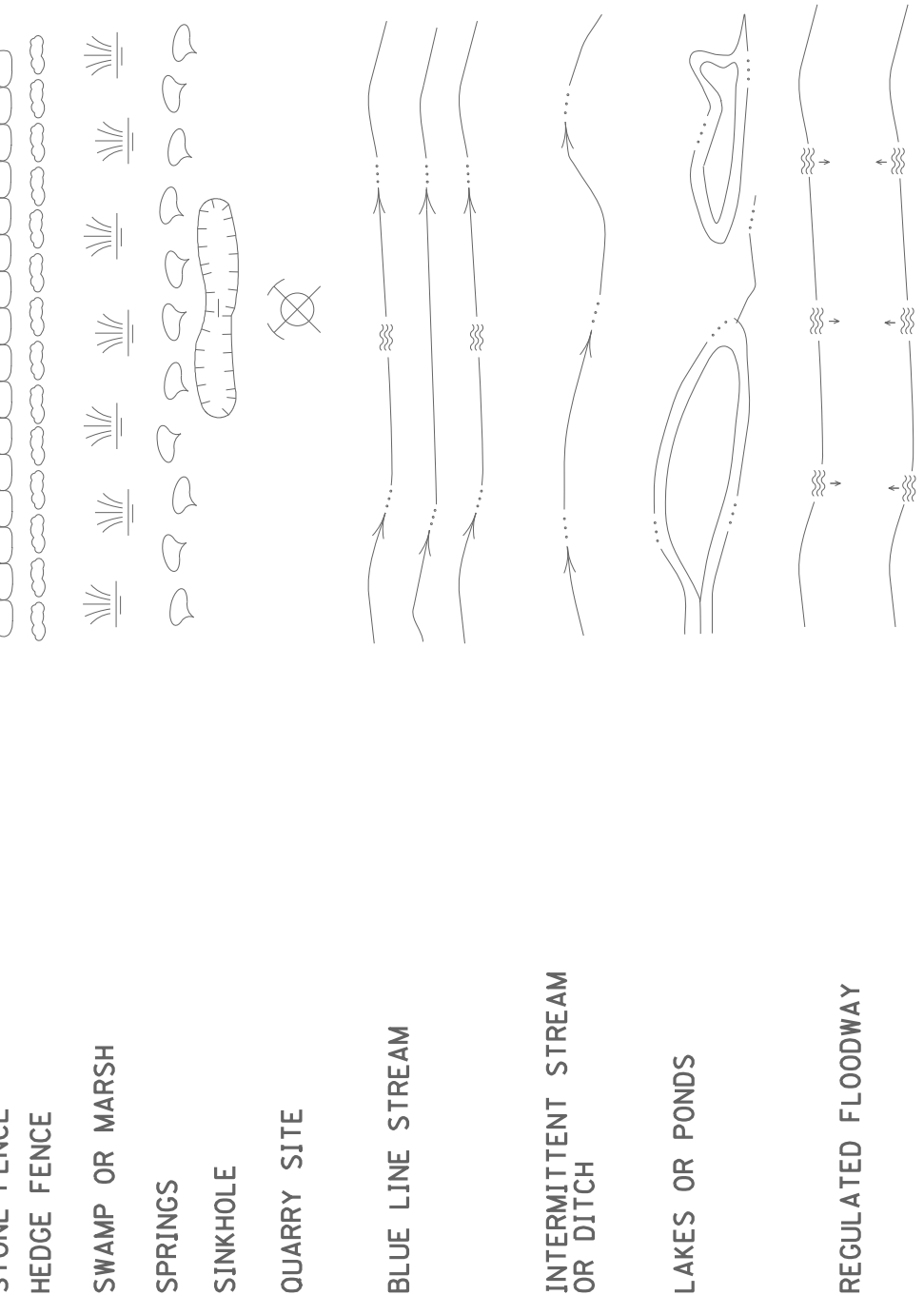
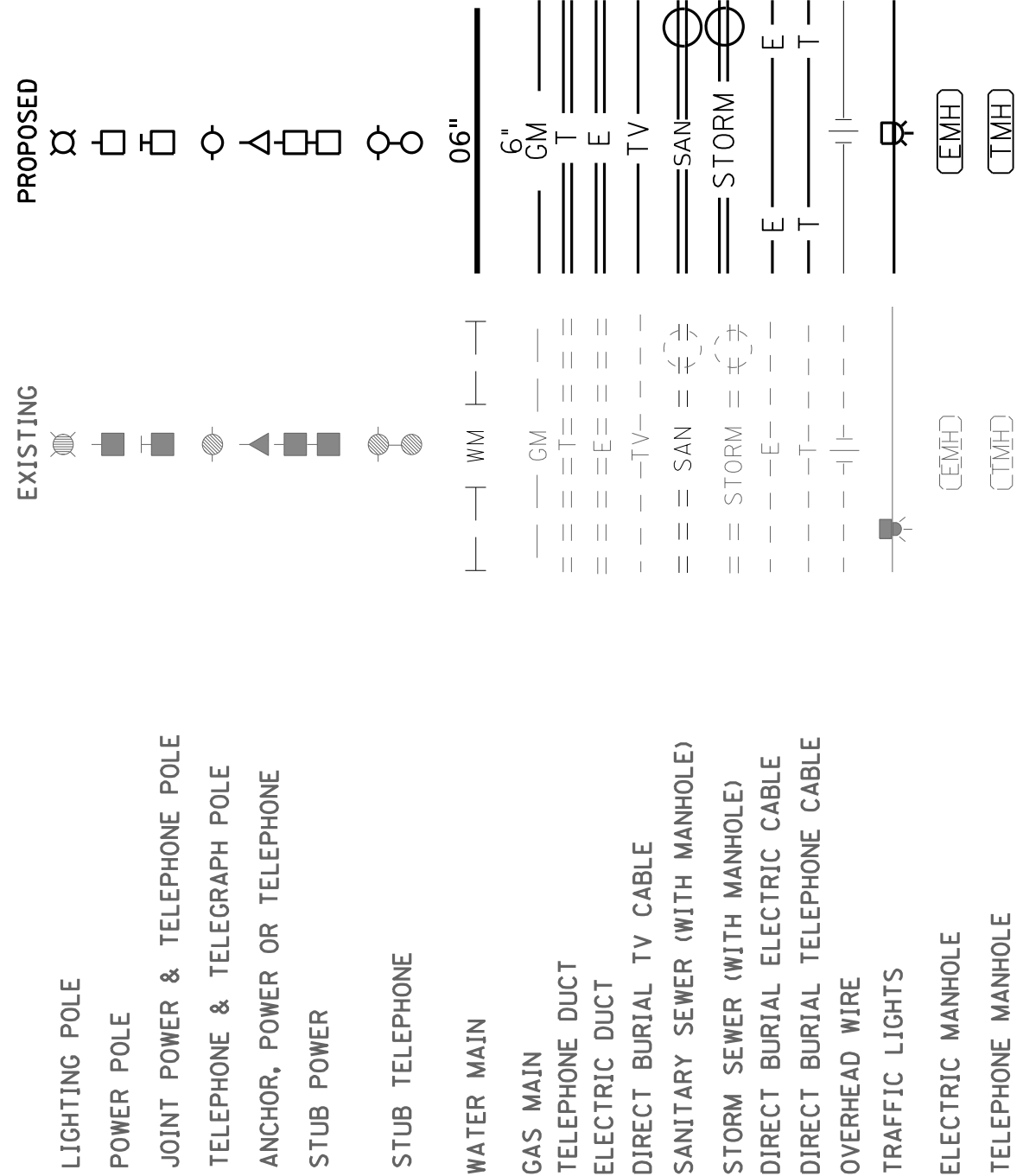
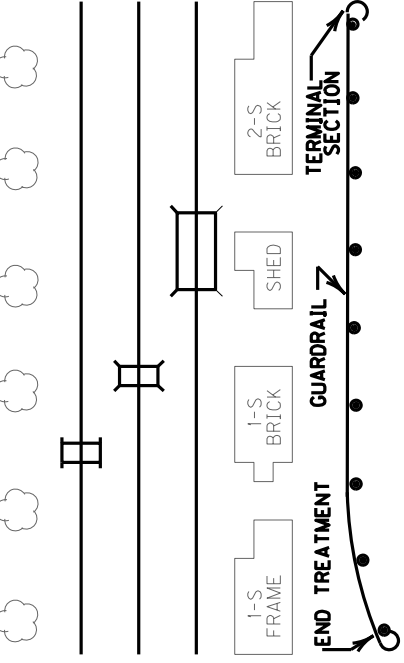
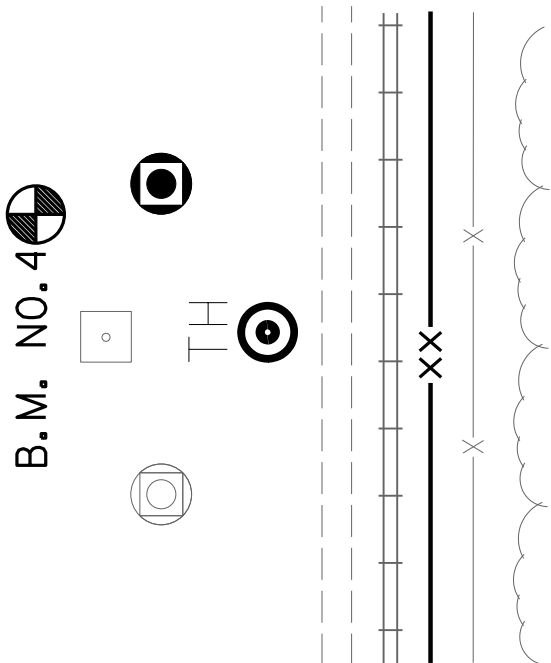
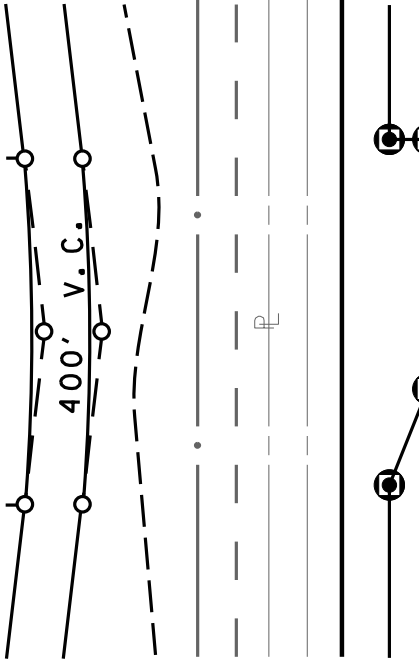
CABLE
CHARTER COMMUNICATIONS
5026 US 27
SOMERSET, KY 42501
Michael.Grubb1@charter.com

PHONE
AT&T
131 AMESBURY AVENUE
MIDDLESBORO, KY 40965
js2299@att.com

JERRY R BLANTON & LINDA A BLANTON
DB 403 PG 476

VINLAND ENERGY LLC
2704 OLD ROSEBUD ROAD, SUITE 320
LEXINGTON, KY 40509
ATTN: JEFF HENSLEY
606-862-8402
jeff.hensley@vinlandenergyllc.com

CONVENTIONAL SIGNS

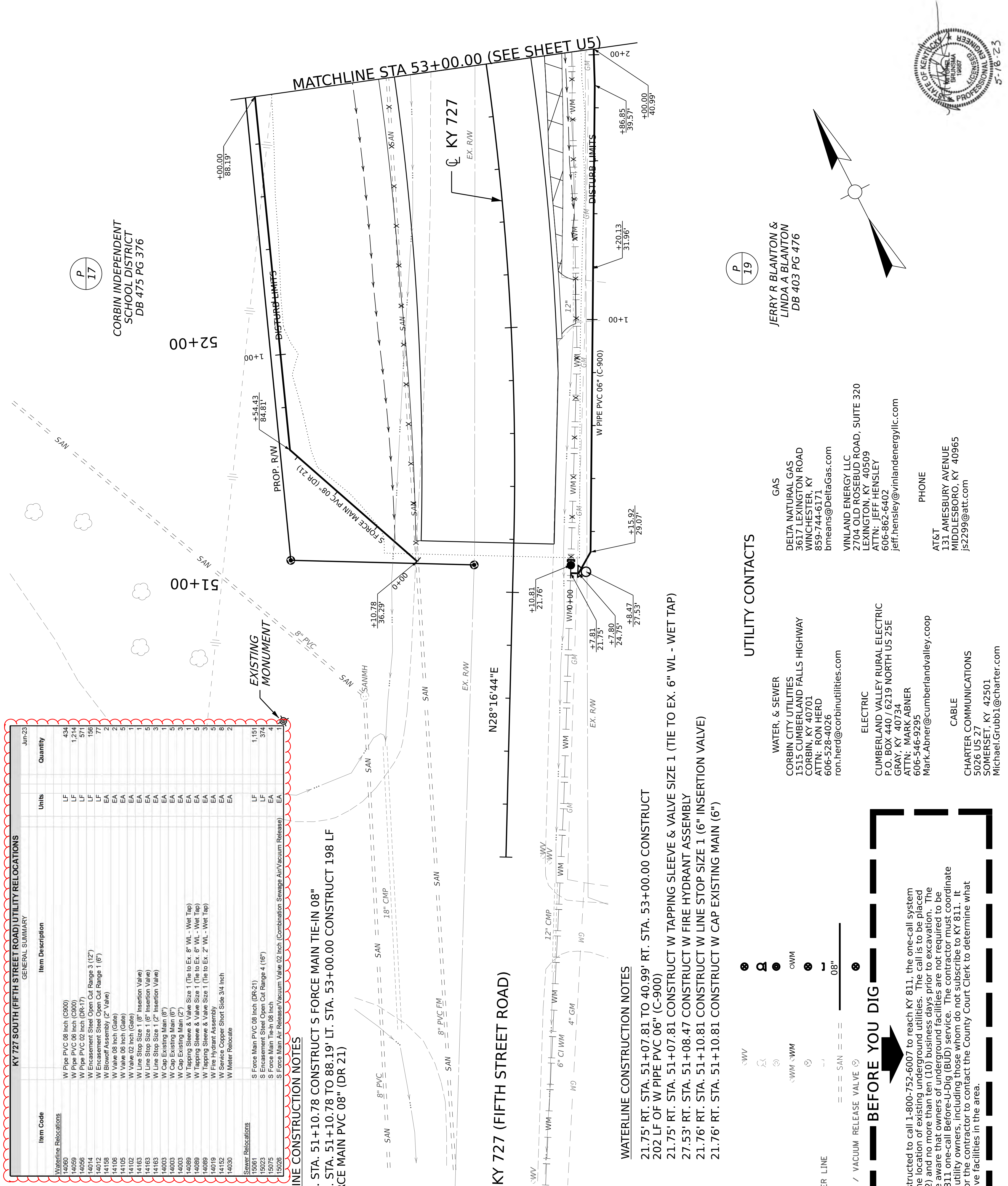


REVISED 06/14/2023

KY 727 SOUTH (FIFTH STREET ROAD) UTILITY RELOCATIONS			
GENERAL SUMMARY			
Item Code	Item Description	Units	Quantity
Waterline Relocations			
14080	W Pipe PVC 06 Inch (C900)	LF	434
14089	W Pipe PVC 06 Inch (C900)	LF	1,214
14090	W Encasement Steel Open Out Range 3 (12")	LF	1,214
14014	W Encasement Steel Open Out Range 3 (12")	LF	158
14012	W Encasement Steel Open Out Range 1 (6")	LF	77
14106	W Blowoff Assembly (12" Valve)	EA	2
14108	W Valve 08 Inch (Gate)	EA	2
14105	W Valve 08 Inch (Gate)	EA	2
14102	W Valve 02 Inch (Gate)	EA	1
14103	W Line Stop Size 1 (6" Insertion Valve)	EA	5
14163	W Line Stop Size 1 (2" Insertion Valve)	EA	3
14003	W Cap Existing Main (6")	EA	1
14003	W Cap Existing Main (6")	EA	9
14003	W Cap Existing Main (2")	EA	3
14089	W Tapping Sleeve & Valve Size 1 (Tie to Ex. 6" WL - Wet Tap)	EA	5
14089	W Tapping Sleeve & Valve Size 1 (Tie to Ex. 2" WL - Wet Tap)	EA	5
14019	W Fine Hydrant Assembly	EA	3
14152	W Service Copper Short Side 3/4 Inch	EA	8
14030	W Meter Relocate	EA	2
Sewer Relocations			
15023	S Force Main PVC 08 Inch (DR 21)	LF	1,151
15023	S Encasement Steel Open Out Range 4 (16")	LF	324
15075	S Force Main Tie-In 08 Inch	EA	4
15028	S Force Main Air Release/Vacuum Valve 02 Inch (Combination Sewage Air/Vacuum Release)	EA	1

SEWER LINE CONSTRUCTION NOTES

36.29' LT. STA. 51+10.78 CONSTRUCT S FORCE MAIN TIE-IN 08"
36.29' LT. STA. 51+10.78 TO 88.19' LT. STA. 53+00.00 CONSTRUCT 198 LF
OF S FORCE MAIN PVC 08" (DR 21)



UTILITY CONTACTS

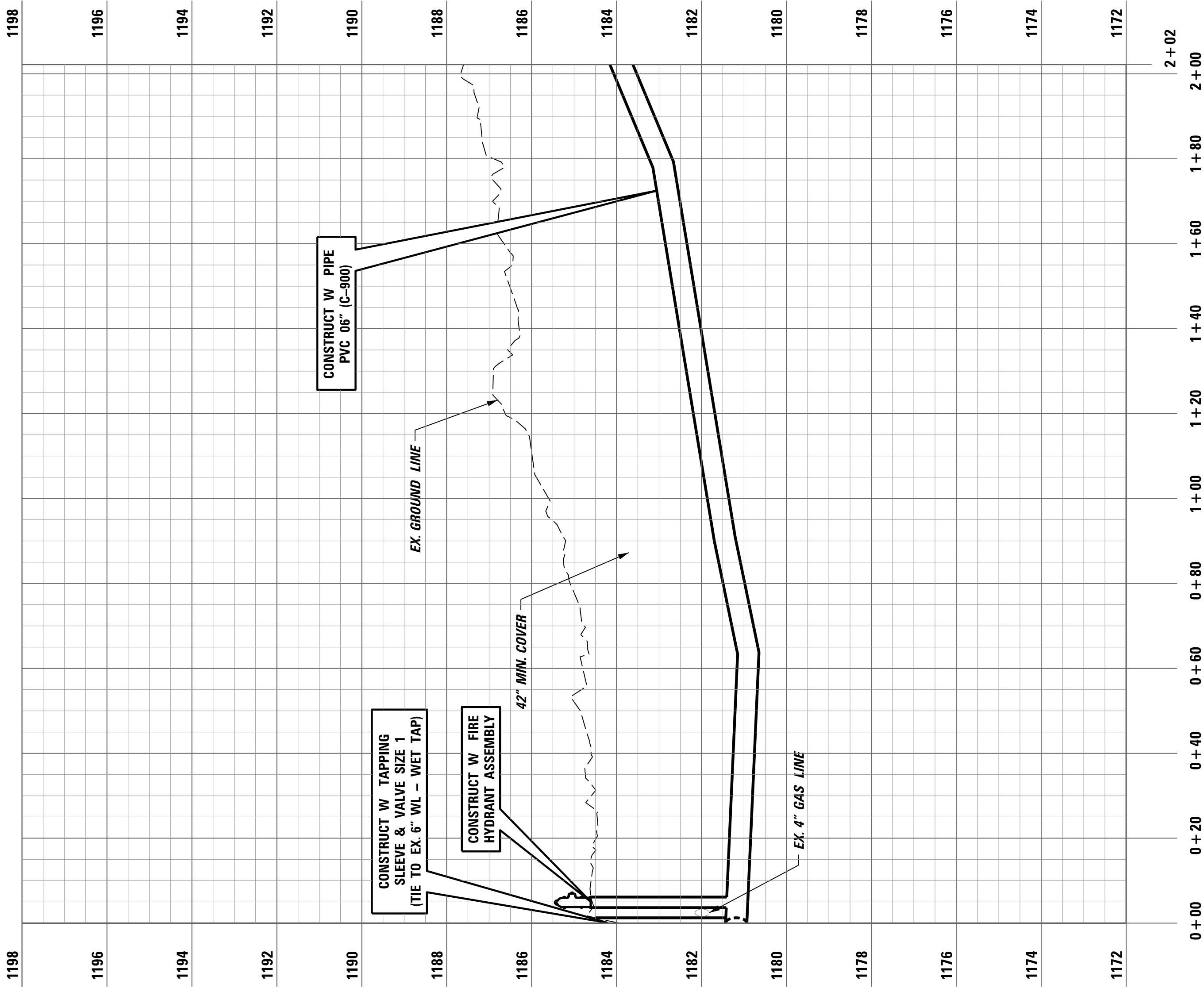
WATER, & SEWER	
CORBIN CITY UTILITIES 1515 CUMBERLAND FALLS HIGHWAY CORBIN, KY 40701 ATTN: RON HERD 606-528-4026 ron.herd@corbinutilities.com	GAS DELTA NATURAL GAS 3617 LEXINGTON ROAD WINCHESTER, KY 859-744-6171 bmeans@DeltaGas.com VINLAND ENERGY LLC 2704 OLD ROSEBUD ROAD, SUITE 320 LEXINGTON, KY 40509 ATTN: JEFF HENSLEY 606-862-6402 jeff.hensley@vinlandenergyllc.com
ELECTRIC	
CUMBERLAND VALLEY RURAL ELECTRIC P.O. BOX 440 / 6219 NORTH US 25E GRAY, KY 40734 ATTN: MARK ABNER 606-546-9295 Mark.Abner@cumberlandvalley.coop	PHONE AT&T 131 AMESBURY AVENUE MIDDLESBORO, KY 40965 js2299@att.com
CABLE	
CHARTER COMMUNICATIONS 5026 US 27 SOMERSET, KY 42501 Michael.Grubb1@charter.com	

WATERLINE CONSTRUCTION NOTES

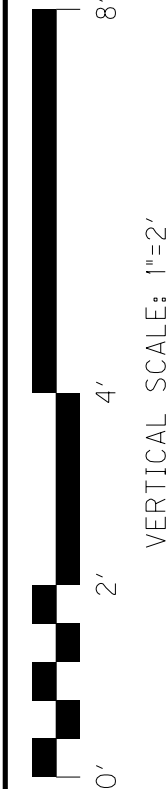
21.75' RT. STA. 51+07.81 TO 40.99' RT. STA. 53+00.00 CONSTRUCT
202 LF OF W PIPE PVC 06" (C-900)
21.75' RT. STA. 51+07.81 CONSTRUCT W TAPPING SLEEVE & VALVE SIZE 1 (TIE TO EX. 6" WL - WET TAP)
27.53' RT. STA. 51+08.47 CONSTRUCT W FIRE HYDRANT ASSEMBLY
21.76' RT. STA. 51+10.81 CONSTRUCT W LINE STOP SIZE 1 (6" INSERTION VALVE)
21.76' RT. STA. 51+10.81 CONSTRUCT W CAP EXISTING MAIN (6")

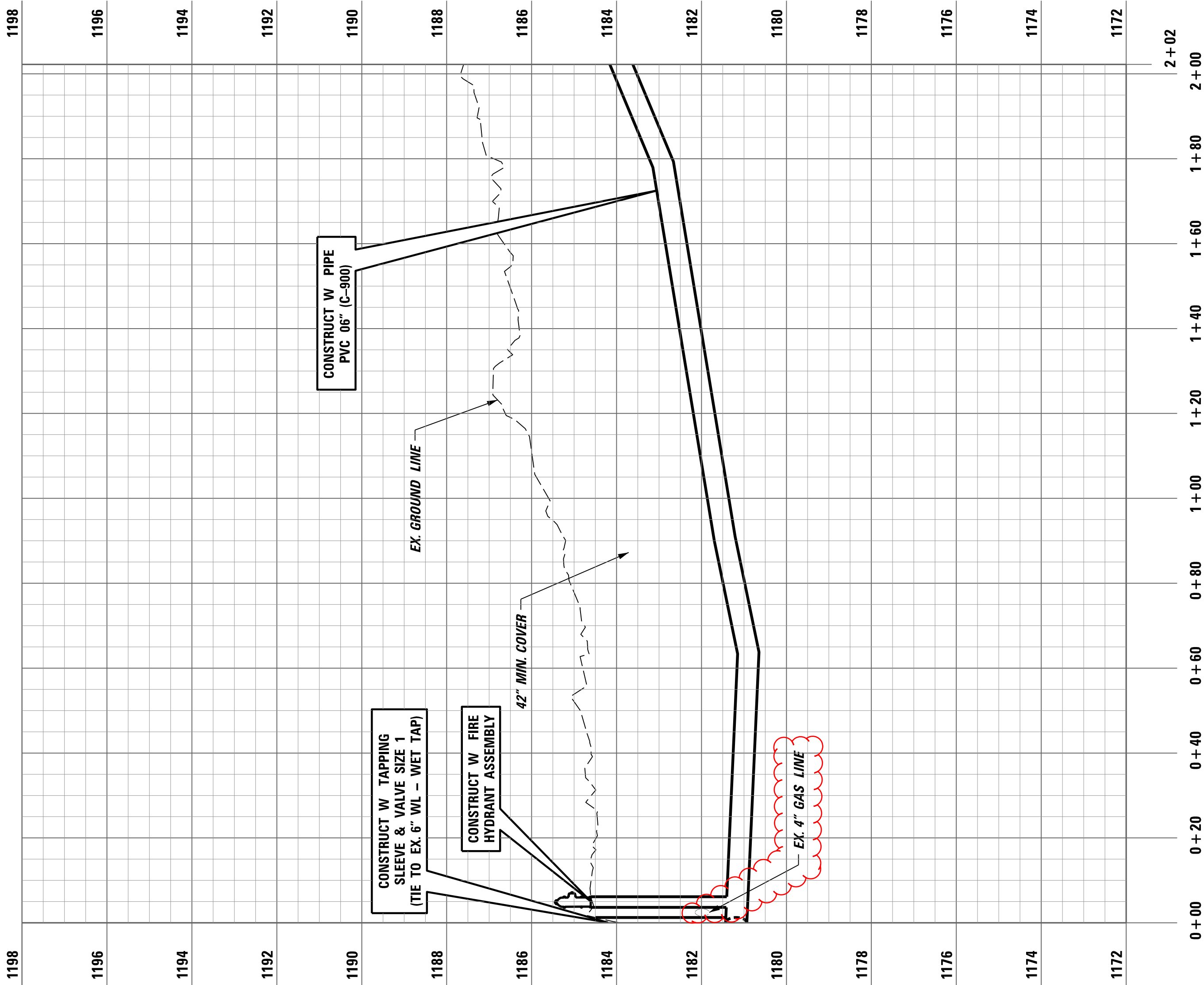
The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-You-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the utility contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.





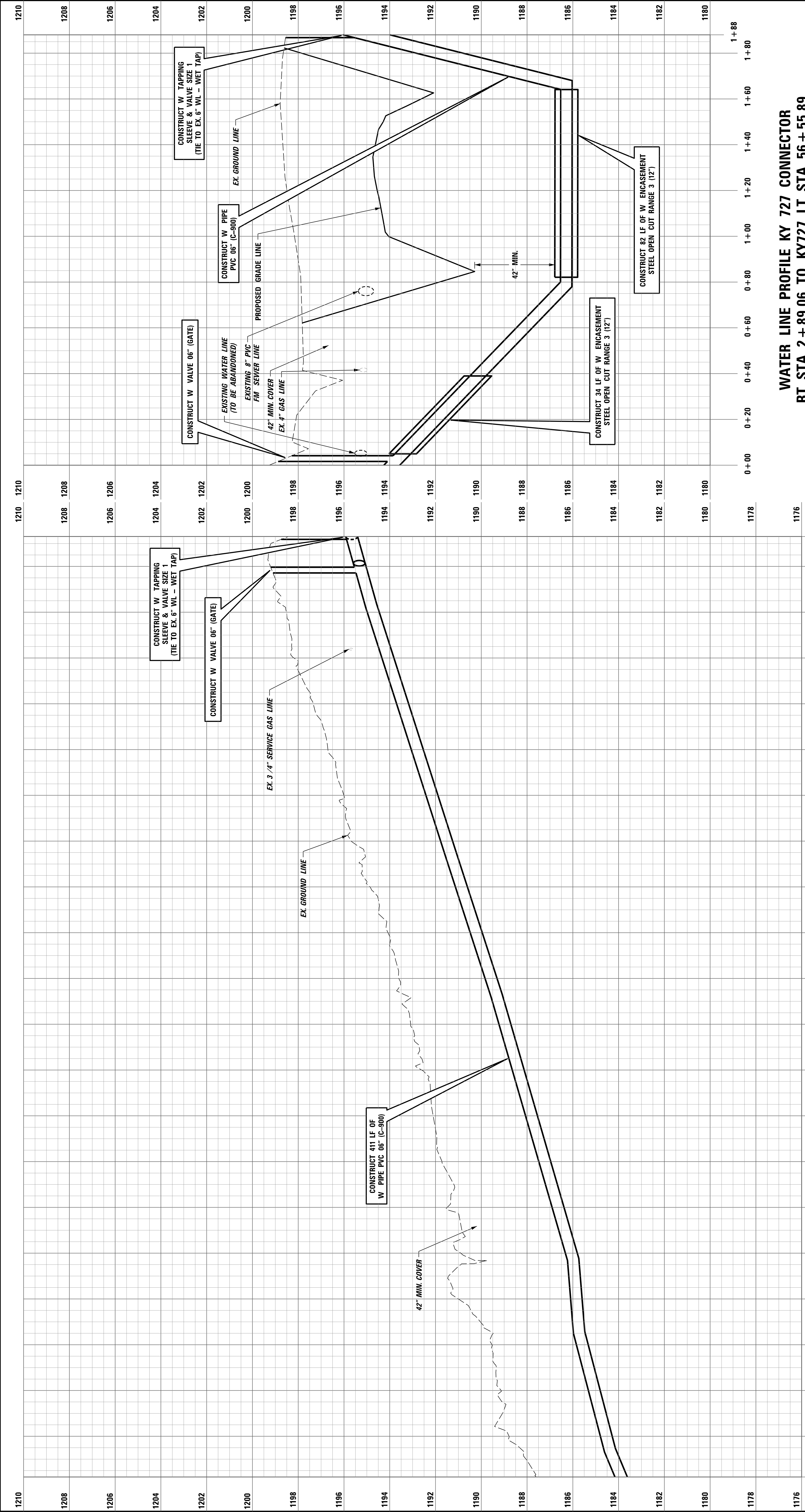
WATERLINE PROFILE KY 727
RT. STA. 51 + 07.81 TO RT. STA. 53 + 00





WATERLINE PROFILE KY 727
RT. STA. 51 + 07.81 TO RT. STA. 53 + 00





WATER LINE PROFILE KY 727
RT. STA. 53+00 TO KY 727 CONNECTOR RT. STA. 2+97.34

WATER LINE PROFILE KY 727 CONNECTOR
RT. STA. 2+89.06 TO KY727 LT. STA. 56+55.89





COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



TRANSPORTATION
CONSULTING
CORPORATION

USER: dsamith

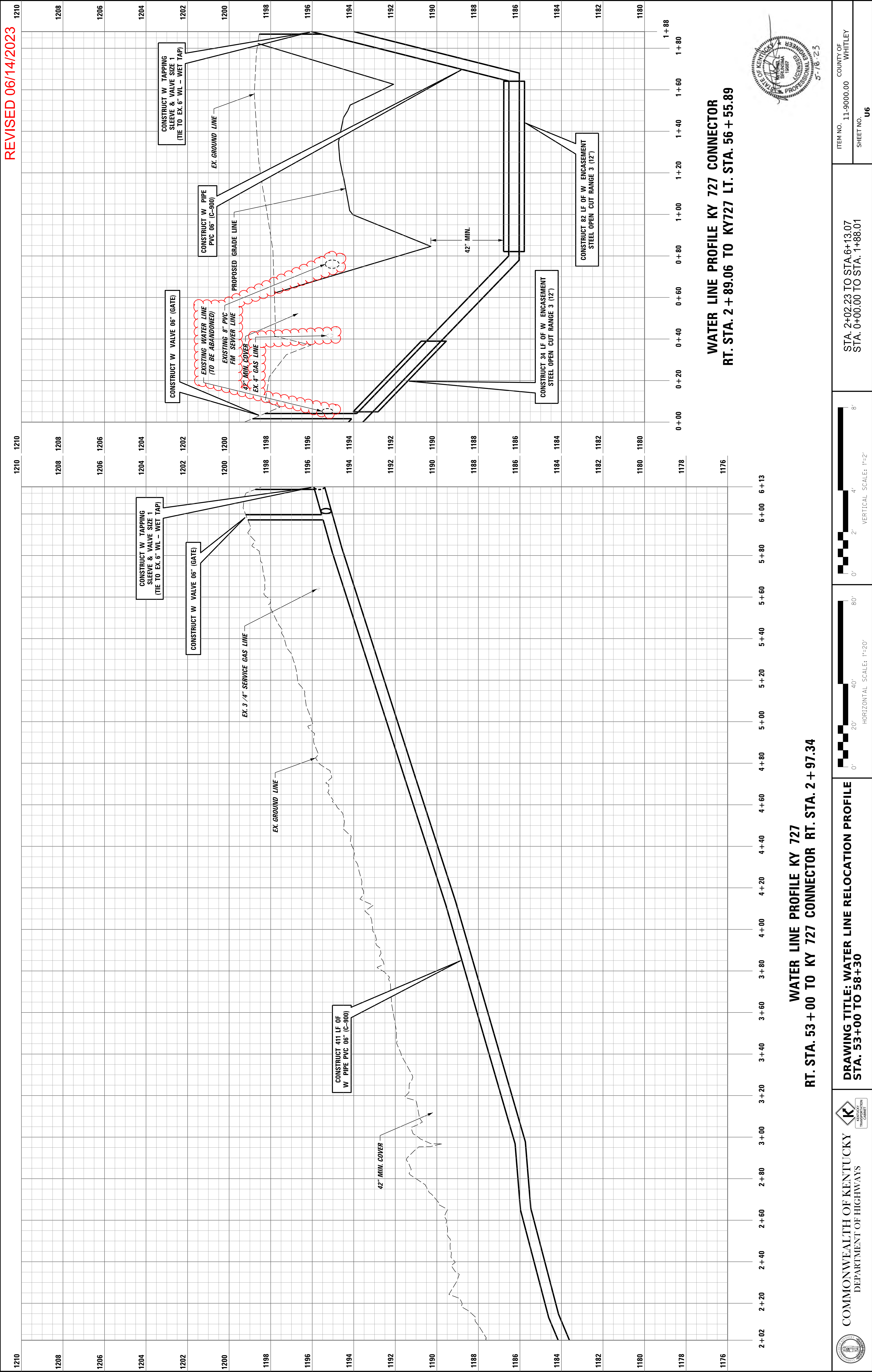
DRAWING TITLE: WATER LINE RELOCATION PROFILE
STA. 53+00 TO 58+30

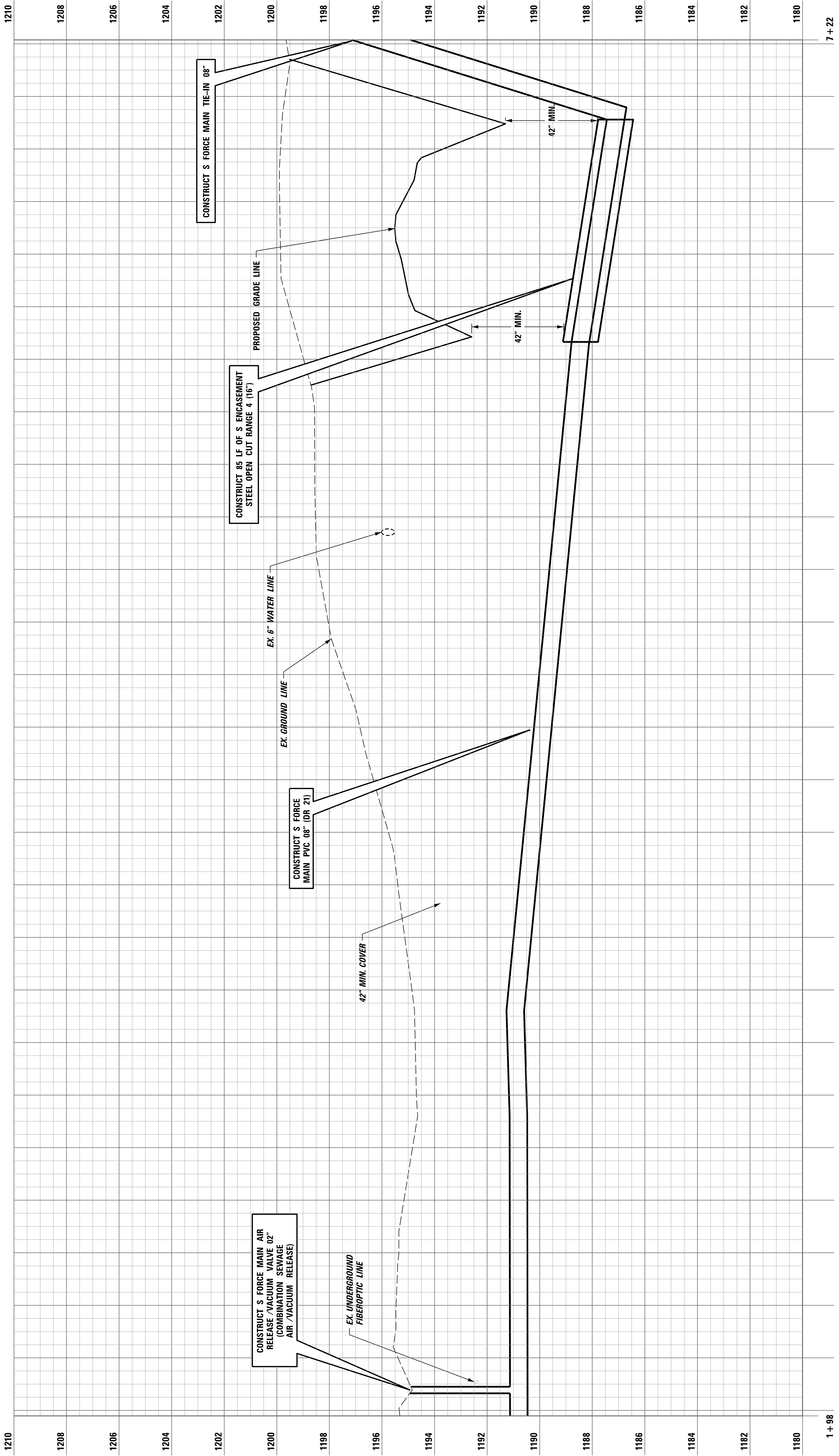
STA. 2+02.23 TO STA. 6+13.07
STA. 0+00.00 TO STA. 1+88.01

ITEM NO. 11-9000.00
COUNTY OF WHITLEY

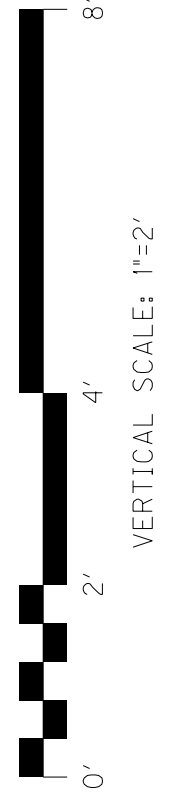
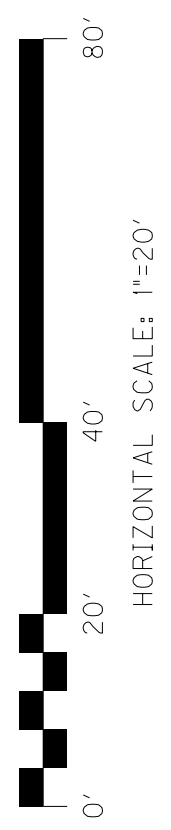
SHEET NO. U6

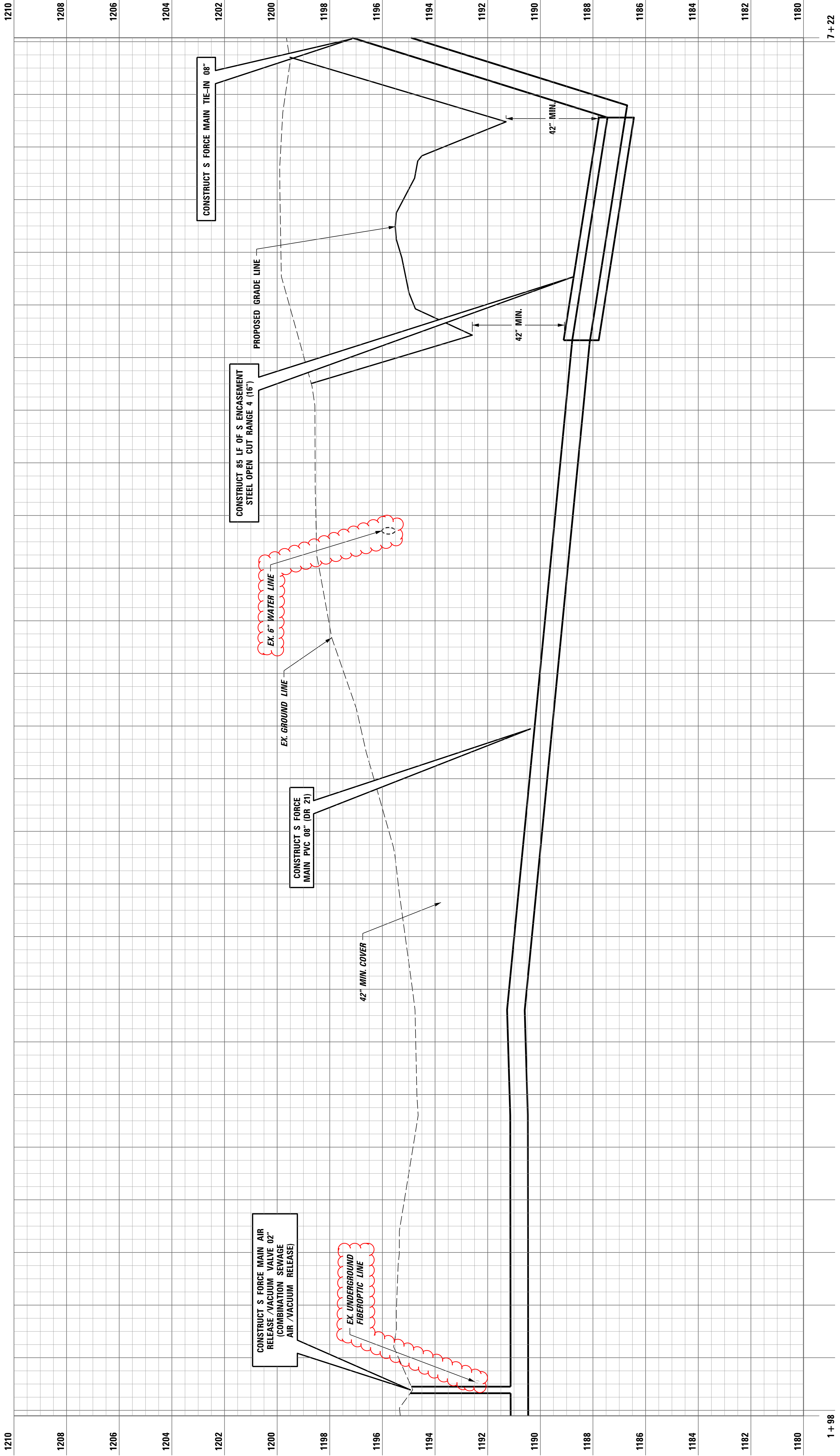
REVISED 06/14/2023



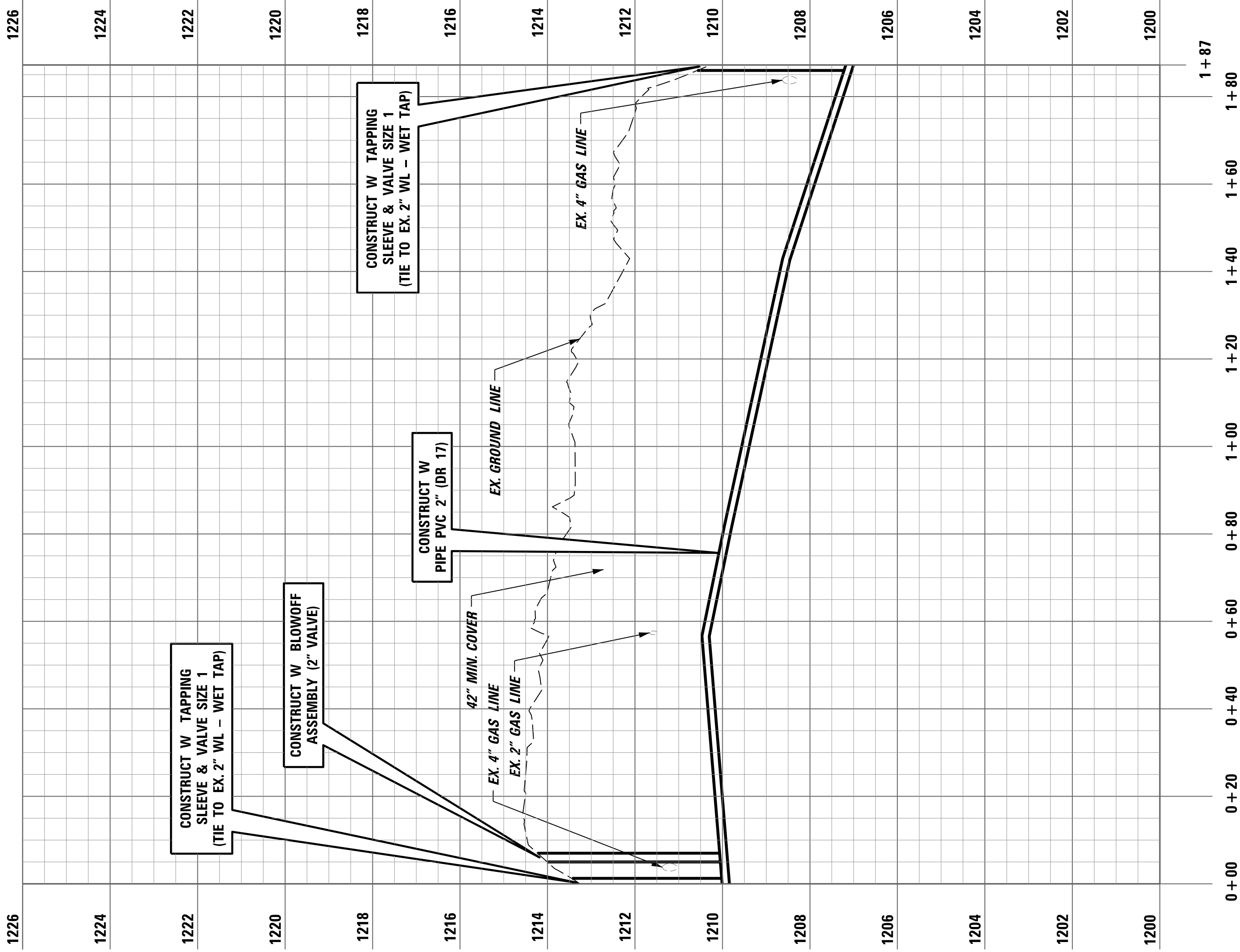


SEWER FORCE MAIN PROFILE KY 727 SOUTH
LT. STA. 53 + 00 TO RT. STA. 57 + 15.69



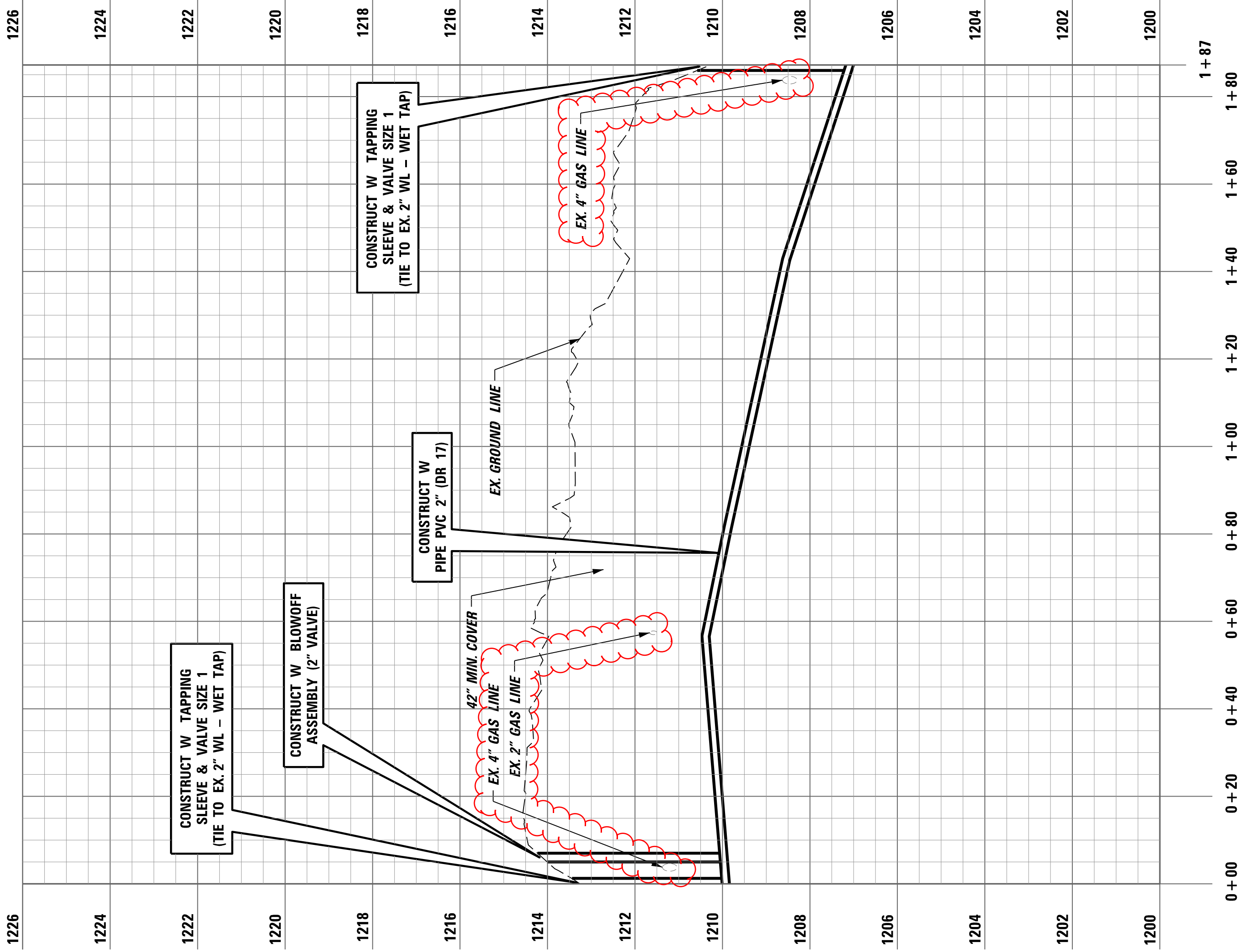


SEWER FORCE MAIN PROFILE KY 727 SOUTH
LT. STA. 53 + 00 TO RT. STA. 57 + 15.69

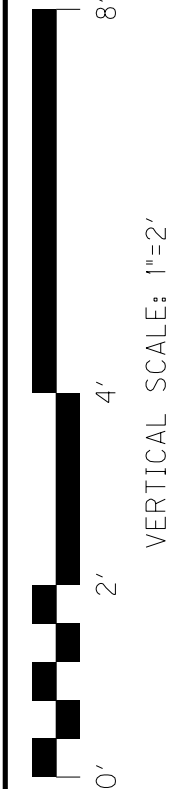
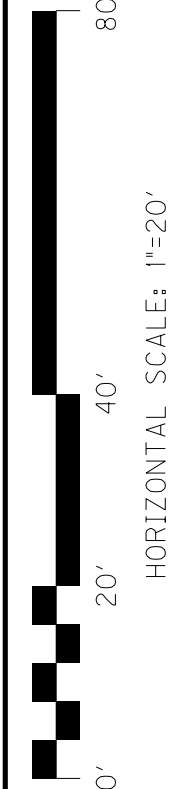


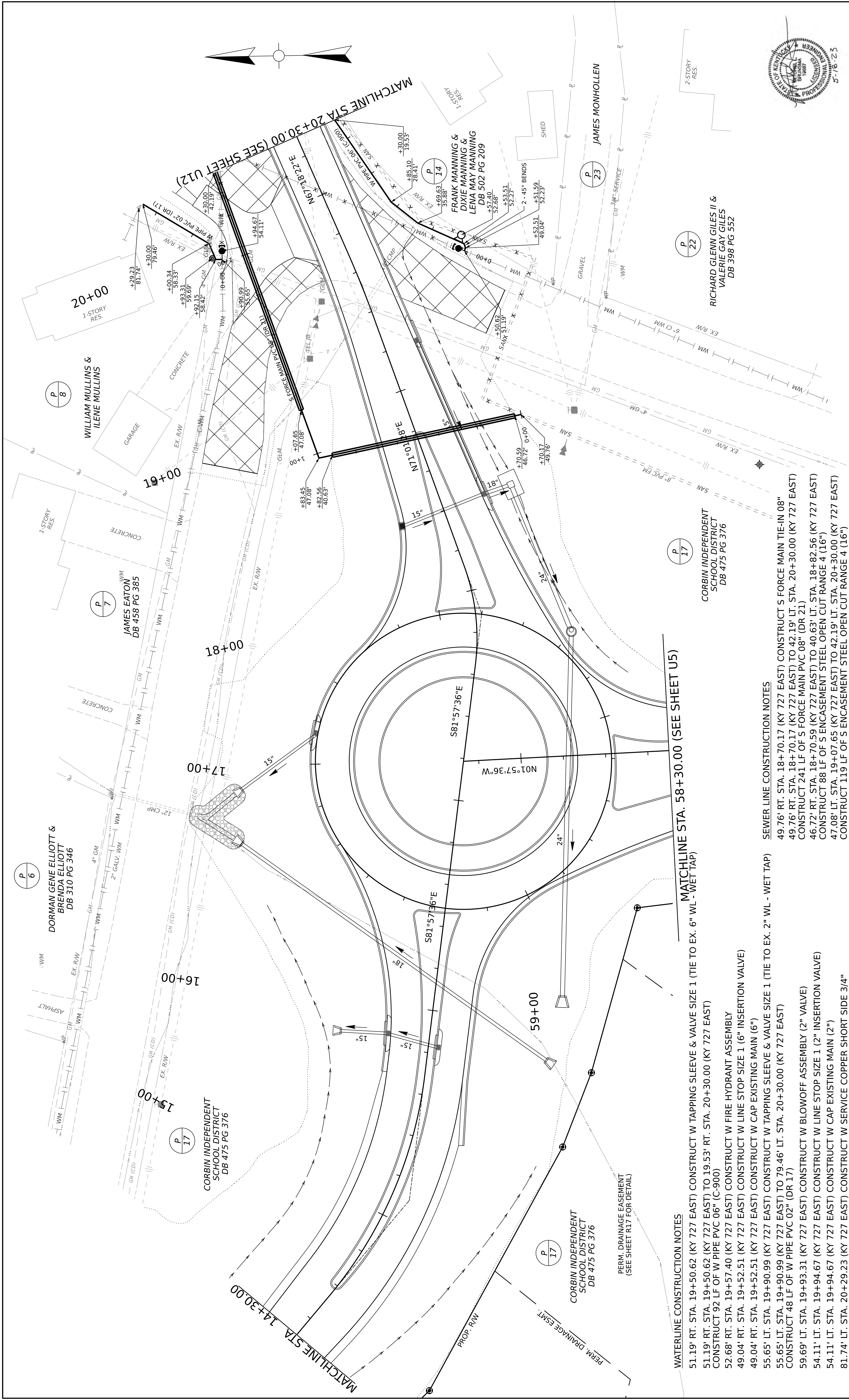
WATER LINE PROFILE CR 1088 (BLACK DIAMOND ROAD)
LT. STA. 10 + 39.47 TO LT. STA. 12 + 09.93

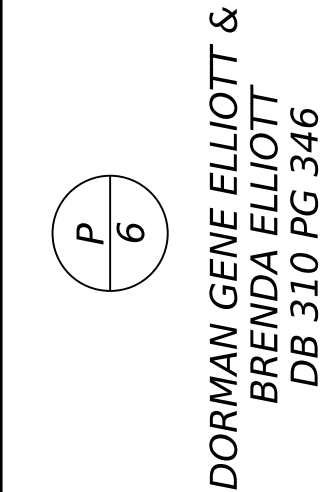




WATER LINE PROFILE CR 1088 (BLACK DIAMOND ROAD)
LT. STA. 10 + 39.47 TO LT. STA. 12 + 09.93







SEWER LINE CONSTRUCTION NOTES

49.76' RT. STA. 18+70.17 (KY 727 EAST) CONSTRUCT S FORCE MAIN TIE-IN 08"
49.76' RT. STA. 18+70.17 (KY 727 EAST) TO 42.19' LT. STA. 20+30.00 (KY 727 EAST)
CONSTRUCT 241 LF OF S FORCE MAIN PVC 08" (DR 21)
46.72' RT. STA. 18+70.59 (KY 727 EAST) TO 40.63' LT. STA. 18+82.56 (KY 727 EAST)
CONSTRUCT 88 LF OF S ENCASEMENT STEEL OPEN CUT RANGE 4 (16")
47.08' LT. STA. 19+07.65 (KY 727 EAST) TO 42.19' LT. STA. 20+30.00 (KY 727 EAST)
CONSTRUCT 119 LF OF S ENCASEMENT STEEL OPEN CUT RANGE 4 (16")

WATERLINE CONSTRUCTION NOTES

51.19' RT. STA. 19+50.62 (KY 727 EAST) CONSTRUCT W TAPPING SLEEVE & VALVE SIZE 1" (TIE TO
 51.19' RT. STA. 19+50.62 (KY 727 EAST) TO 19.53' RT. STA. 20+30.00 (KY 727 EAST)
 CONSTRUCT 92 LF OF W PIPE PVC 06" (C-900)
 52.68' RT. STA. 19+57.40 (KY 727 EAST) CONSTRUCT W FIRE HYDRANT ASSEMBLY
 59.04' RT. STA. 19+52.51 (KY 727 EAST) CONSTRUCT W LINE STOP SIZE 1" (6" INSERTION VALVE)
 59.04' RT. STA. 19+52.51 (KY 727 EAST) CONSTRUCT W CAP EXISTING MAIN (6")
 59.90' RT. STA. 19+90.99 (KY 727 EAST) CONSTRUCT W TAPPING SLEEVE & VALVE SIZE 1" (TIE TO
 55.65' LT. STA. 19+90.99 (KY 727 EAST) TO 79.46' LT. STA. 20+30.00 (KY 727 EAST)
 55.65' LT. STA. 19+90.99 (KY 727 EAST) CONSTRUCT W BLOWOFF ASSEMBLY (2" VALVE)
 59.69' LT. STA. 19+94.67 (KY 727 EAST) CONSTRUCT W LINE STOP SIZE 1" (2" INSERTION VALVE)
 59.69' LT. STA. 19+94.67 (KY 727 EAST) CONSTRUCT W CAP EXISTING MAIN (2")
 64.11' LT. STA. 20+29.23 (KY 727 EAST) CONSTRUCT W SERVICE COPPER SHORT SIDE 3/4"
 64.11' LT. STA. 20+29.23 (KY 727 EAST) CONSTRUCT W SERVICE COPPER SHORT SIDE 3/4"

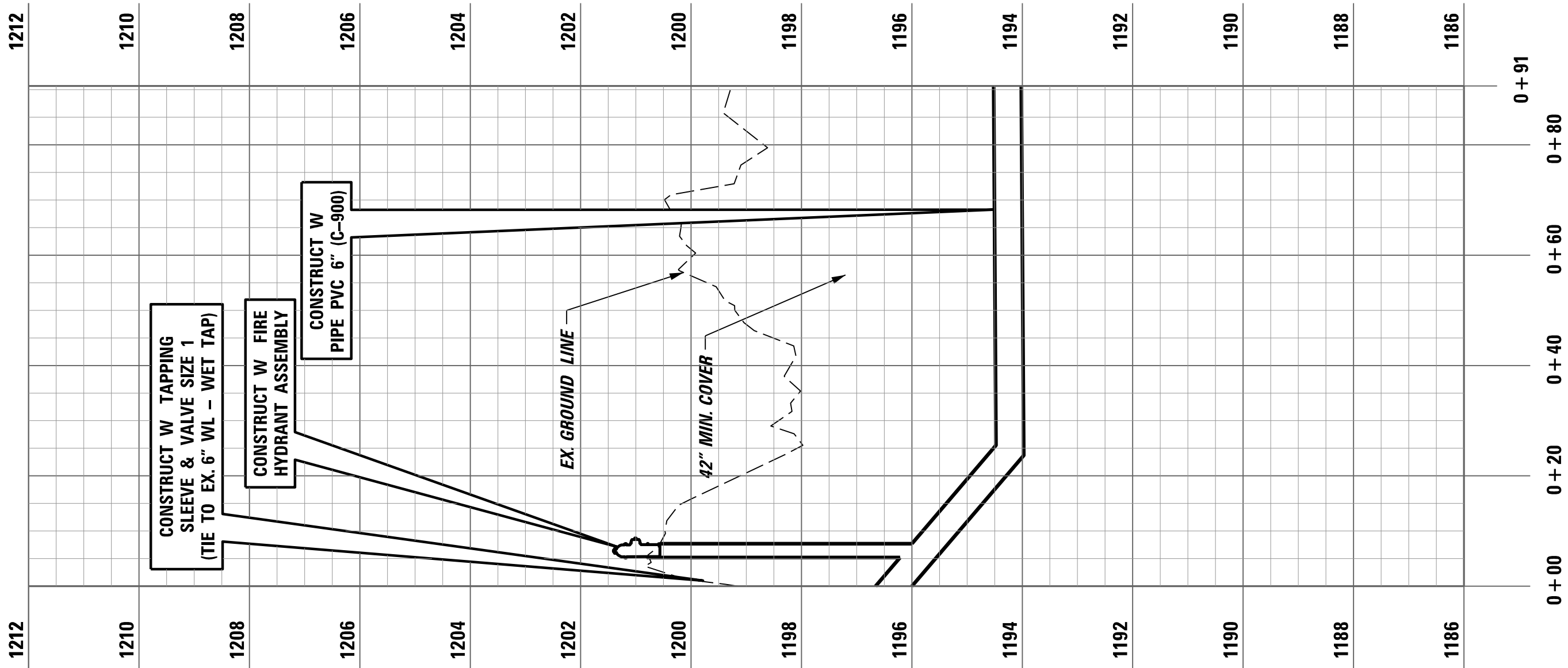
MATCHLINE STA. 58+30.00 (SEE SHEET U5)

ORBIN INDEPENDENT
SCHOOL DISTRICT
DB 475 PG 376

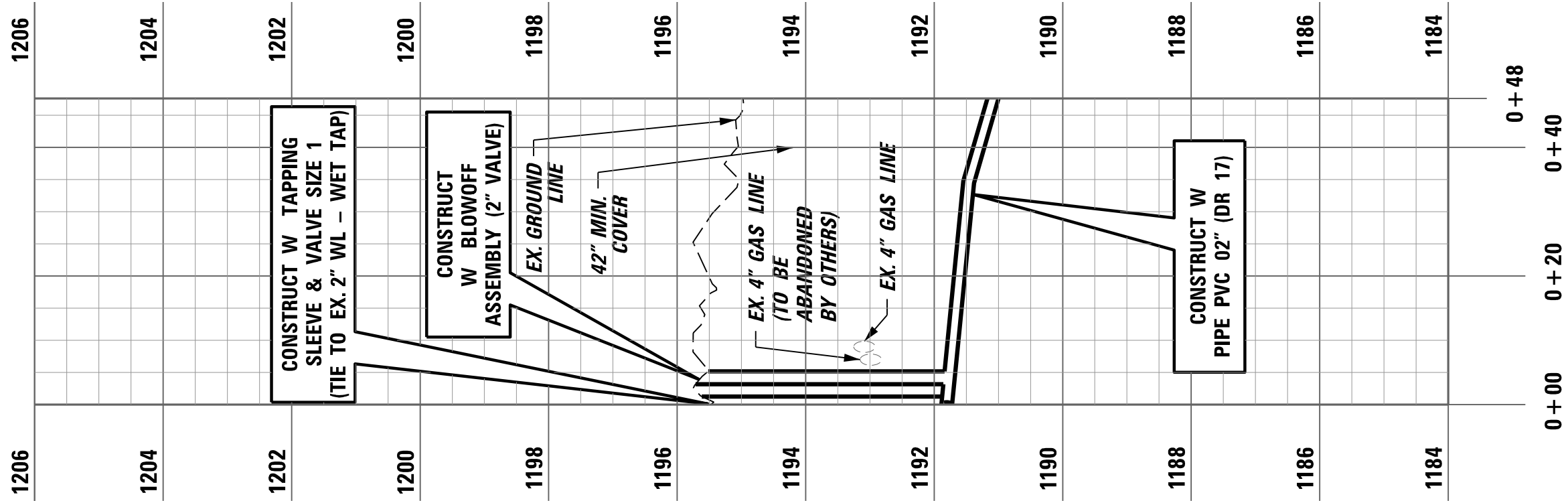
SEWER LINE CONSTRUCTION NOTES

49.76' RT. STA. 18+70.17 (KY 727 EAST) CONSTRUCT S FORCE MAIN TIE-IN 08"
49.76' RT. STA. 18+70.17 (KY 727 EAST) TO 42.19' LT. STA. 20+30.00 (KY 727 EAST)
CONSTRUCT 241 LF OF S FORCE MAIN PVC 08" (DR 21)
46.72' RT. STA. 18+70.59 (KY 727 EAST) TO 40.63' LT. STA. 18+82.56 (KY 727 EAST)
CONSTRUCT 88 LF OF S ENCASEMENT STEEL OPEN CUT RANGE 4 (16")
47.08' LT. STA. 19+07.65 (KY 727 EAST) TO 42.19' LT. STA. 20+30.00 (KY 727 EAST)
CONSTRUCT 119 LF OF S ENCASEMENT STEEL OPEN CUT RANGE 4 (11')



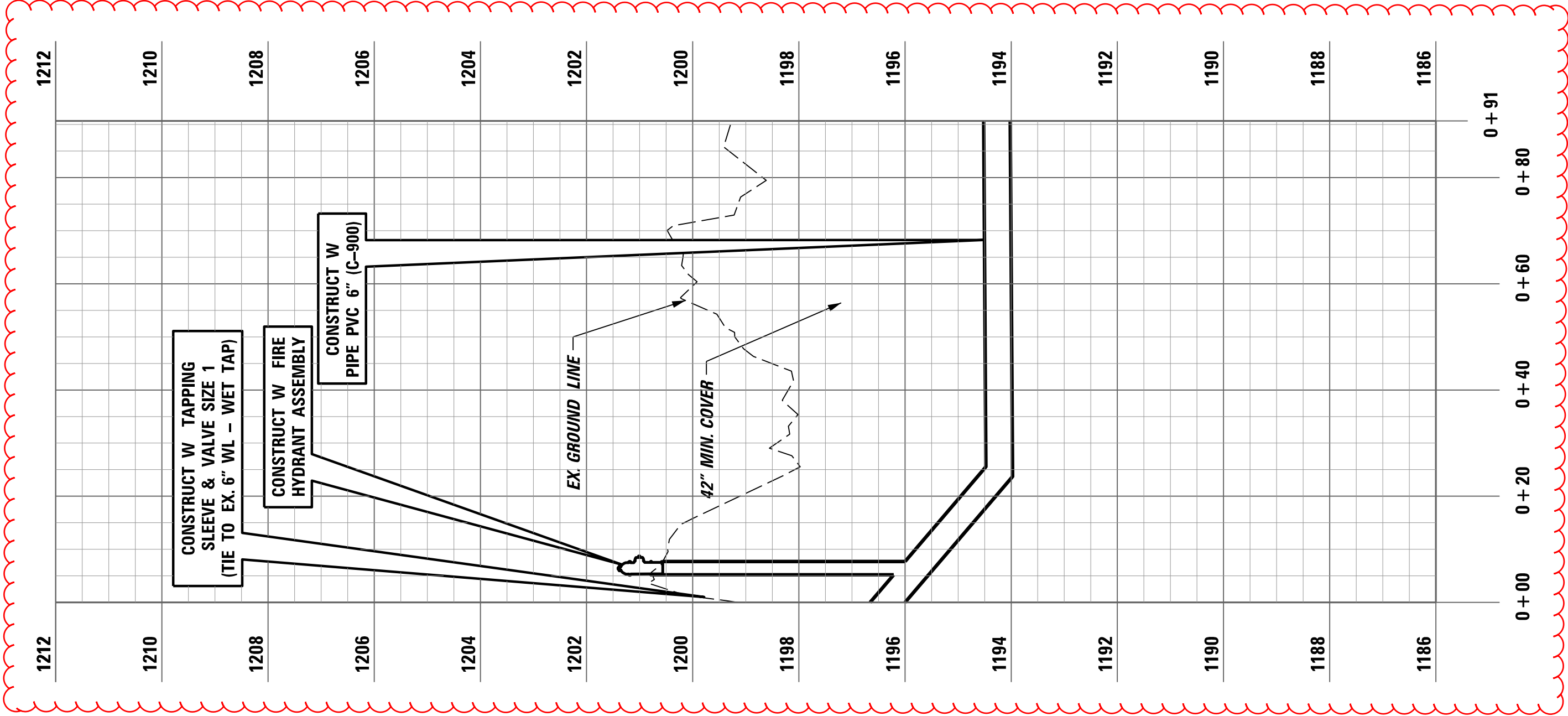


WATER LINE PROFILE KY 727 EAST
RT. STA. 19 + 50.62 TO RT. STA. 20 + 30.00

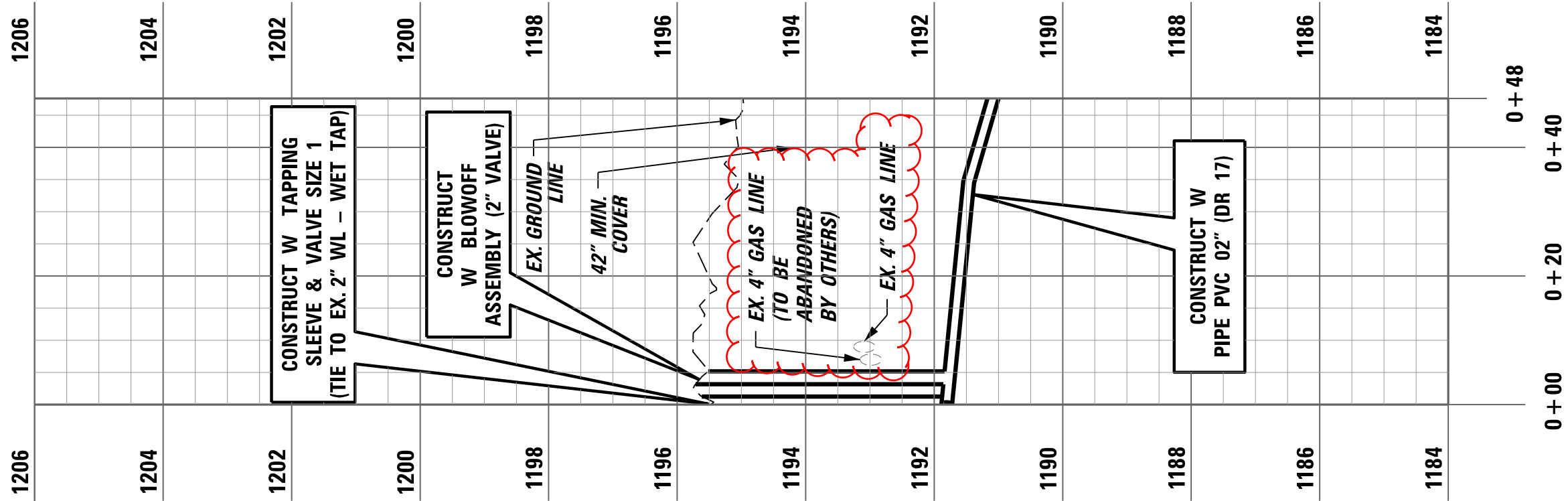


WATER LINE PROFILE KY 727 EAST
LT. STA. 19 + 90.99 TO LT. STA. 20 + 30.00

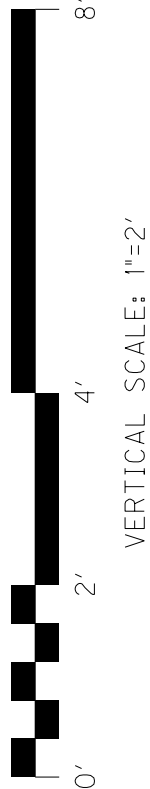


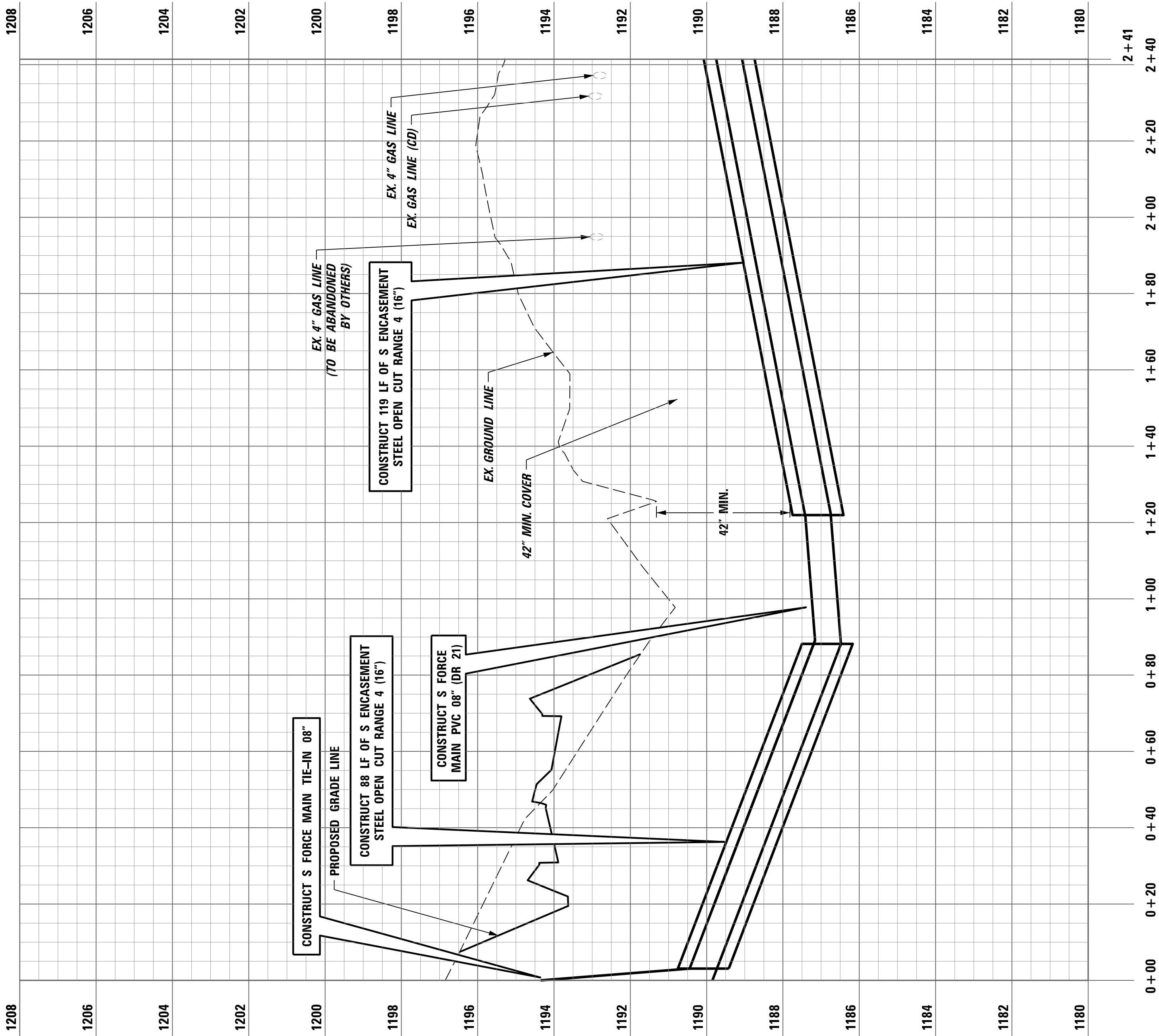


WATER LINE PROFILE KY 727 EAST
RT. STA. 19 + 50.62 TO RT. STA. 20 + 30.00

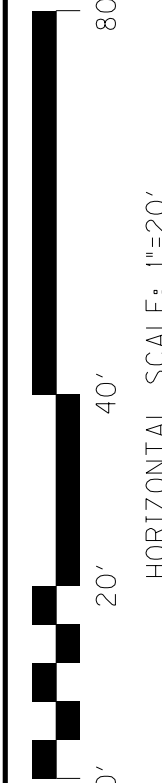


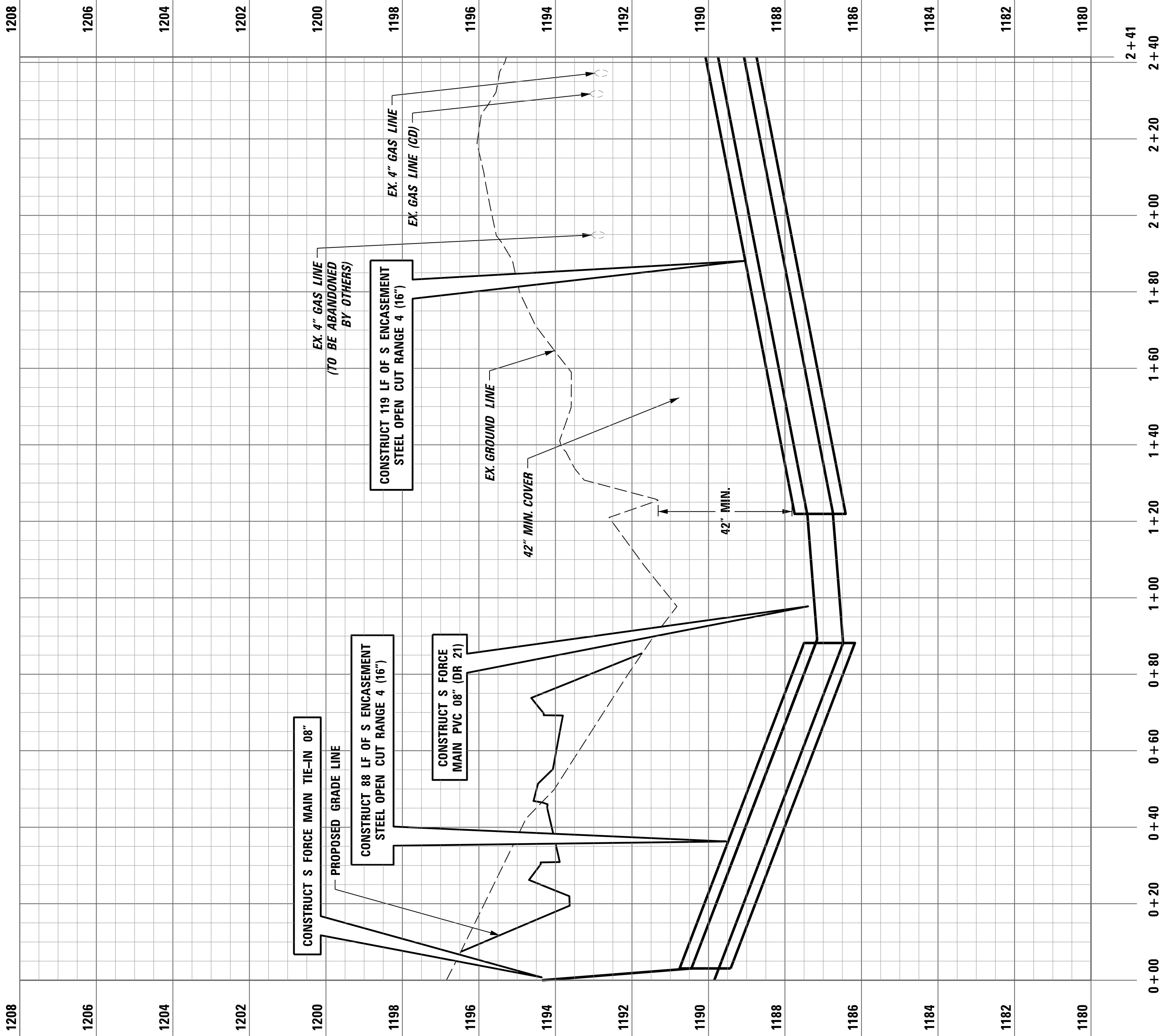
WATER LINE PROFILE KY 727 EAST
LT. STA. 19 + 90.99 TO LT. STA. 20 + 30.00





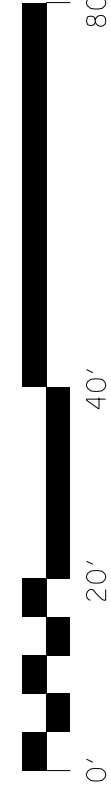
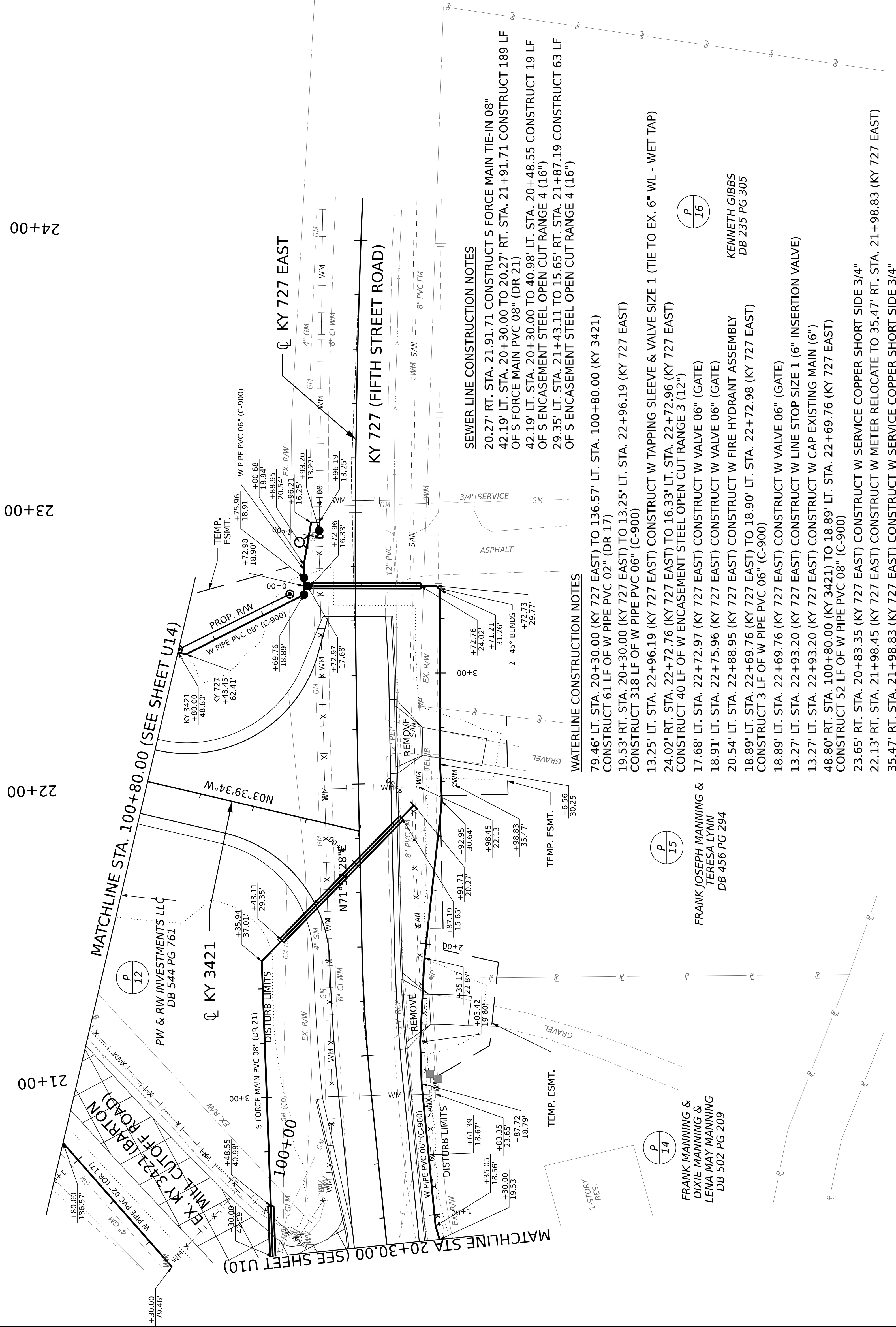
SEWER FORCE MAIN PROFILE KY 727 EAST
RT. STA. 18 + 70.05 TO LT. STA. 20 + 30.00

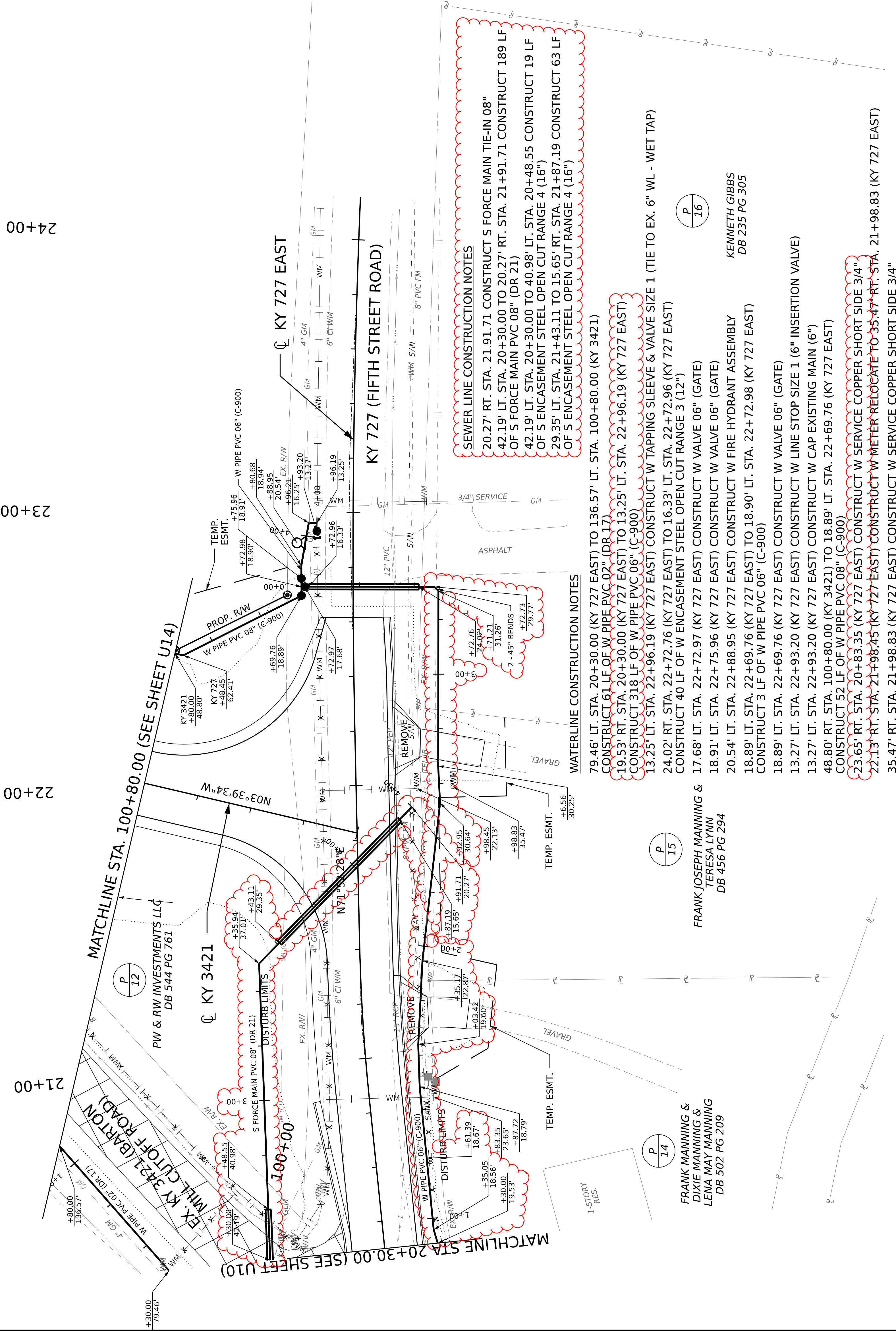


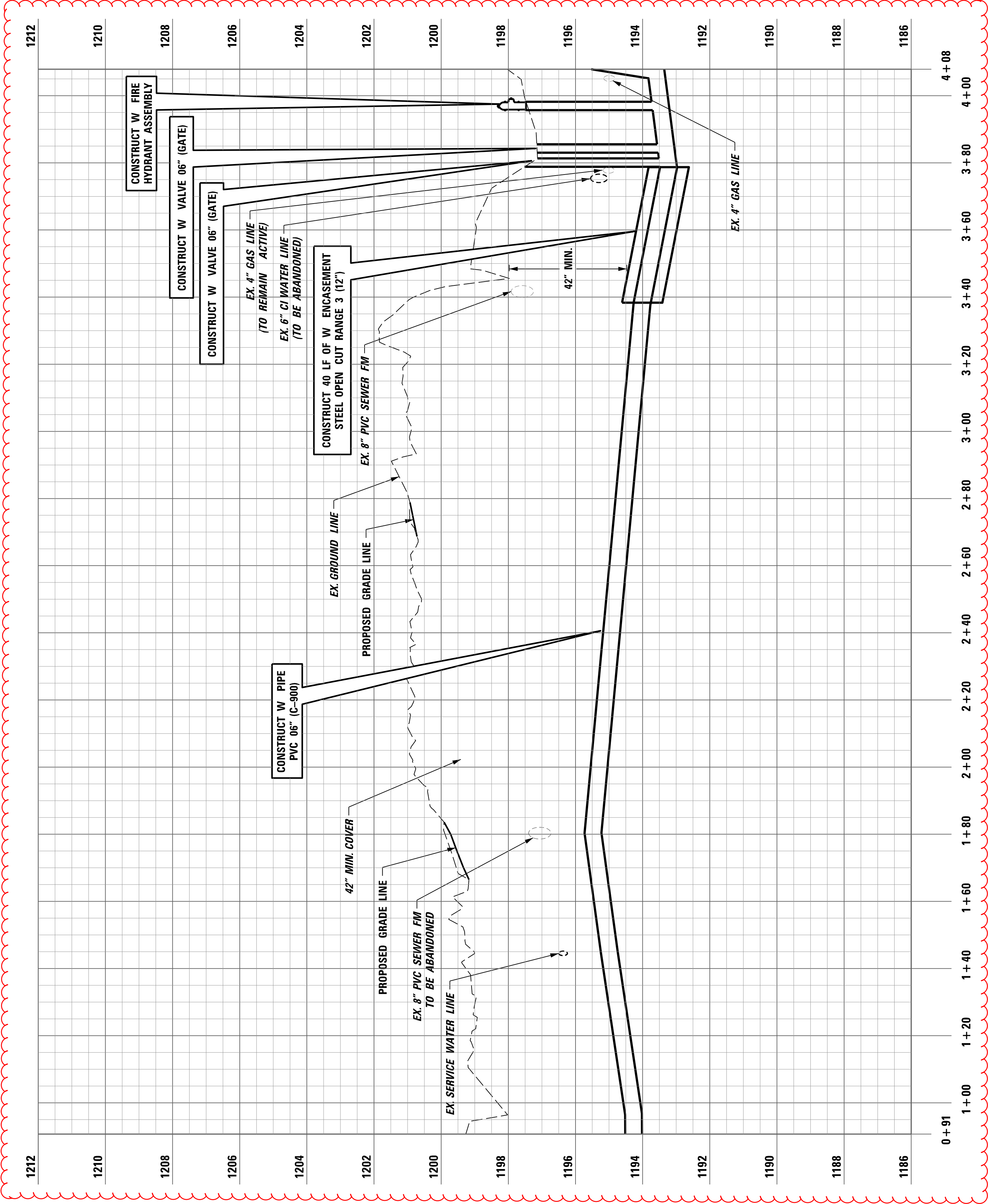


SEWER FORCE MAIN PROFILE KY 727 EAST
RT. STA. 18 + 70.05 TO LT. STA. 20 + 30.00

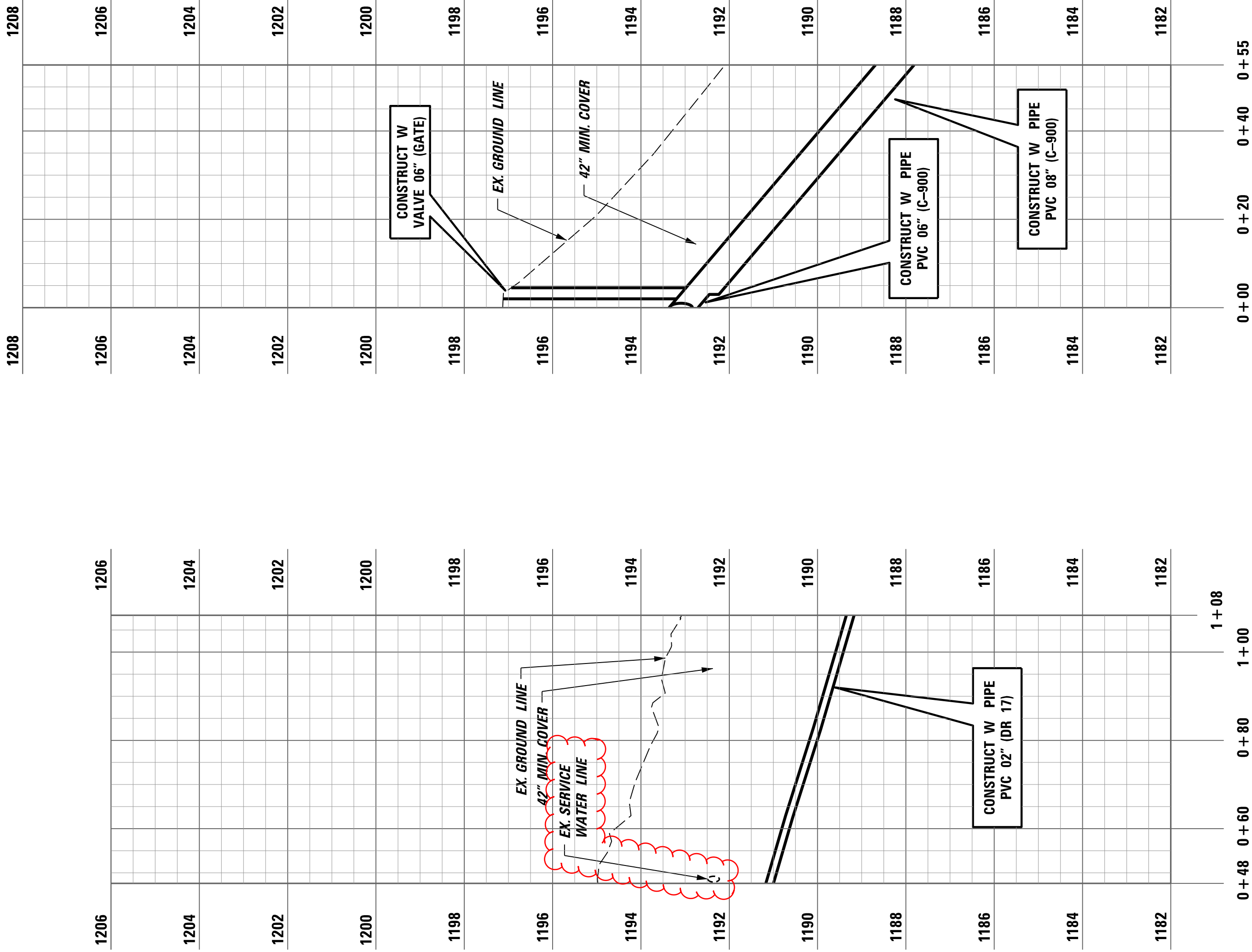








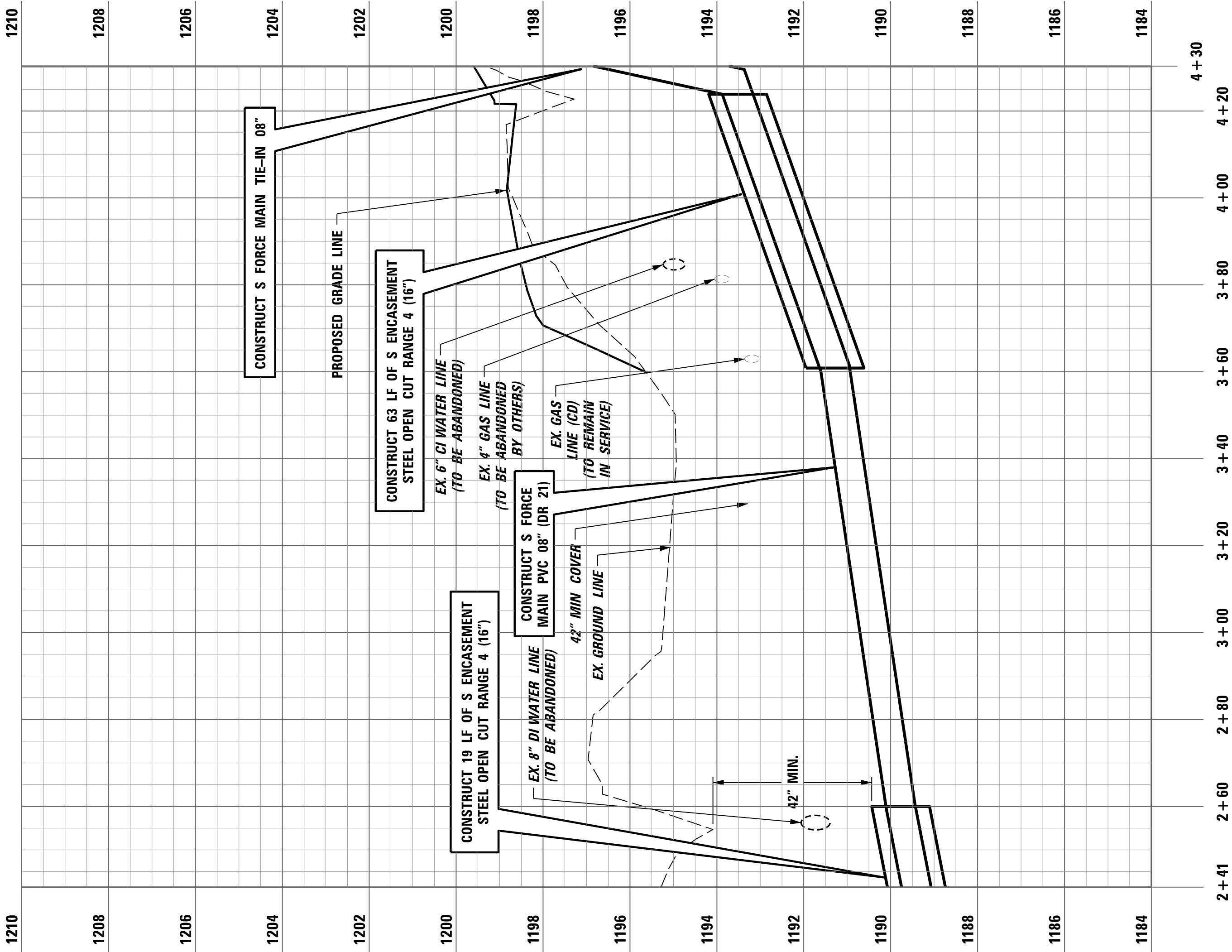
WATER LINE PROFILE KY 727 EAST
RT. STA. 20 + 30.00 TO LT. STA. 22 + 96.19



WATER LINE PROFILE
KY 727 EAST LT. STA. 20 + 30.00
TO KY 3421 LT. STA. 100 + 80.00

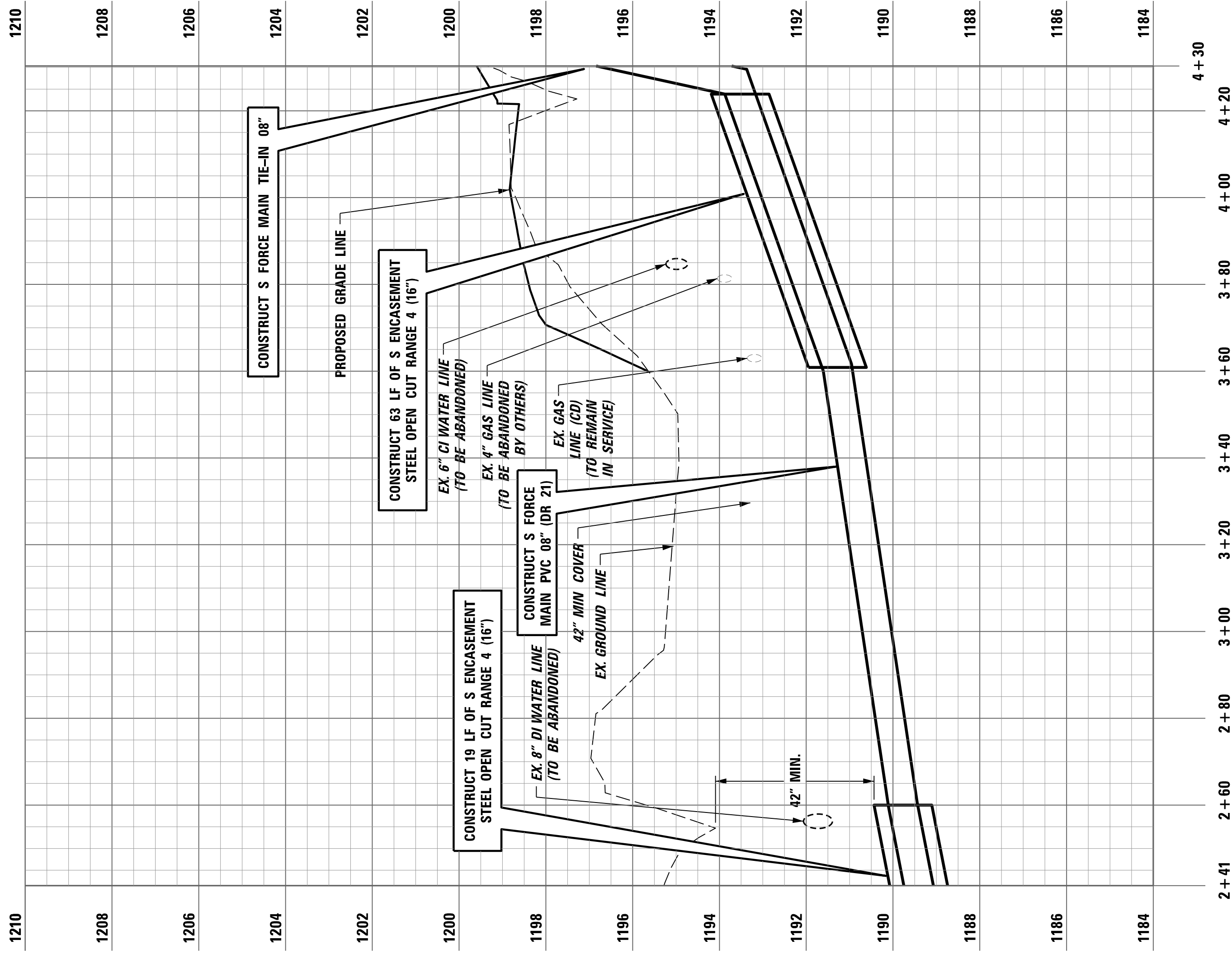
WATER LINE PROFILE
KY 727 EAST LT. STA. 22 + 72.98
TO KY 3421 RT. STA. 100 + 80.00





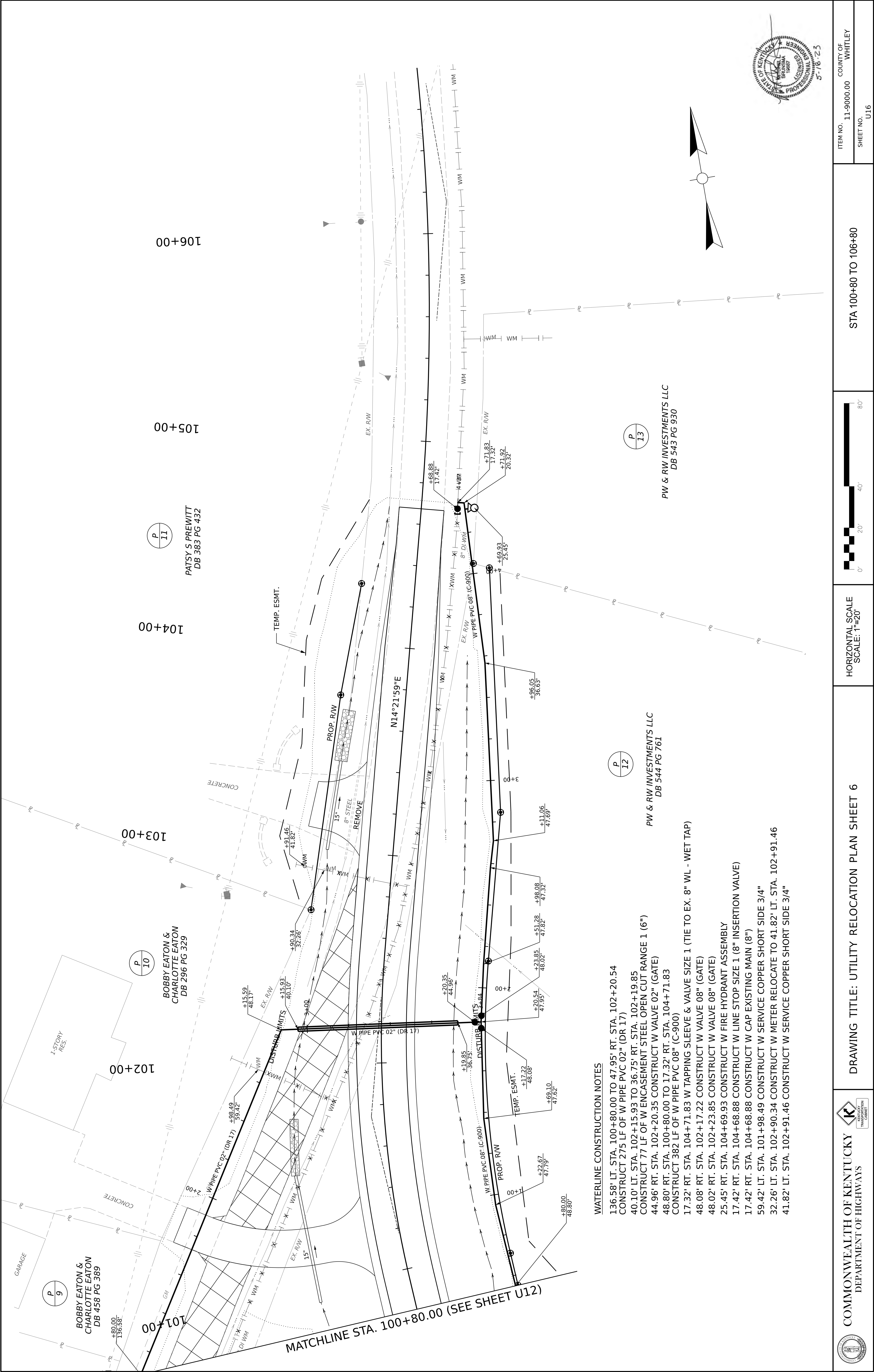
SEWER FORCE MAIN PROFILE KY 727 EAST
LT. STA. 20 + 30.00 TO RT. STA. 21 + 91.71

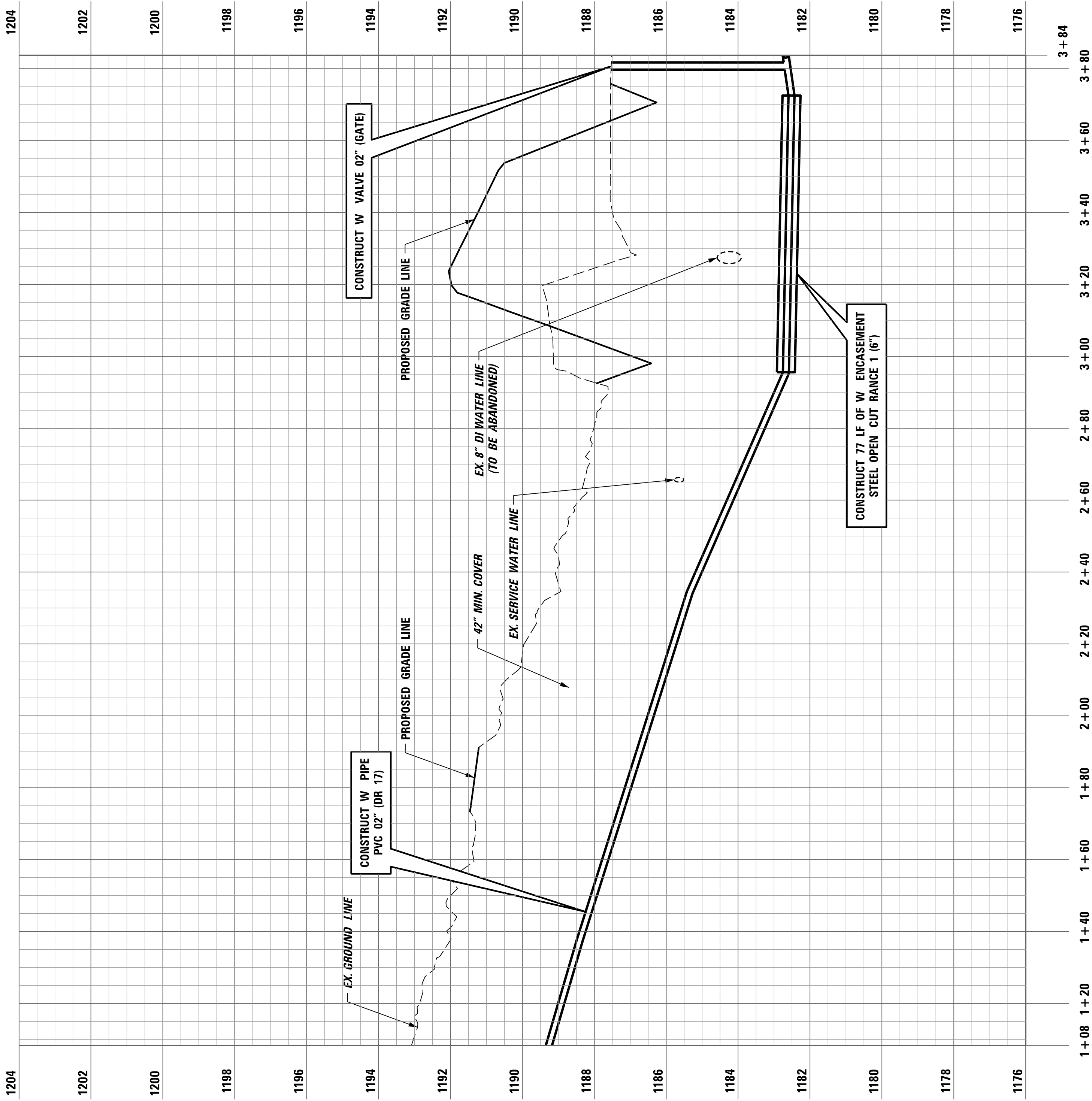




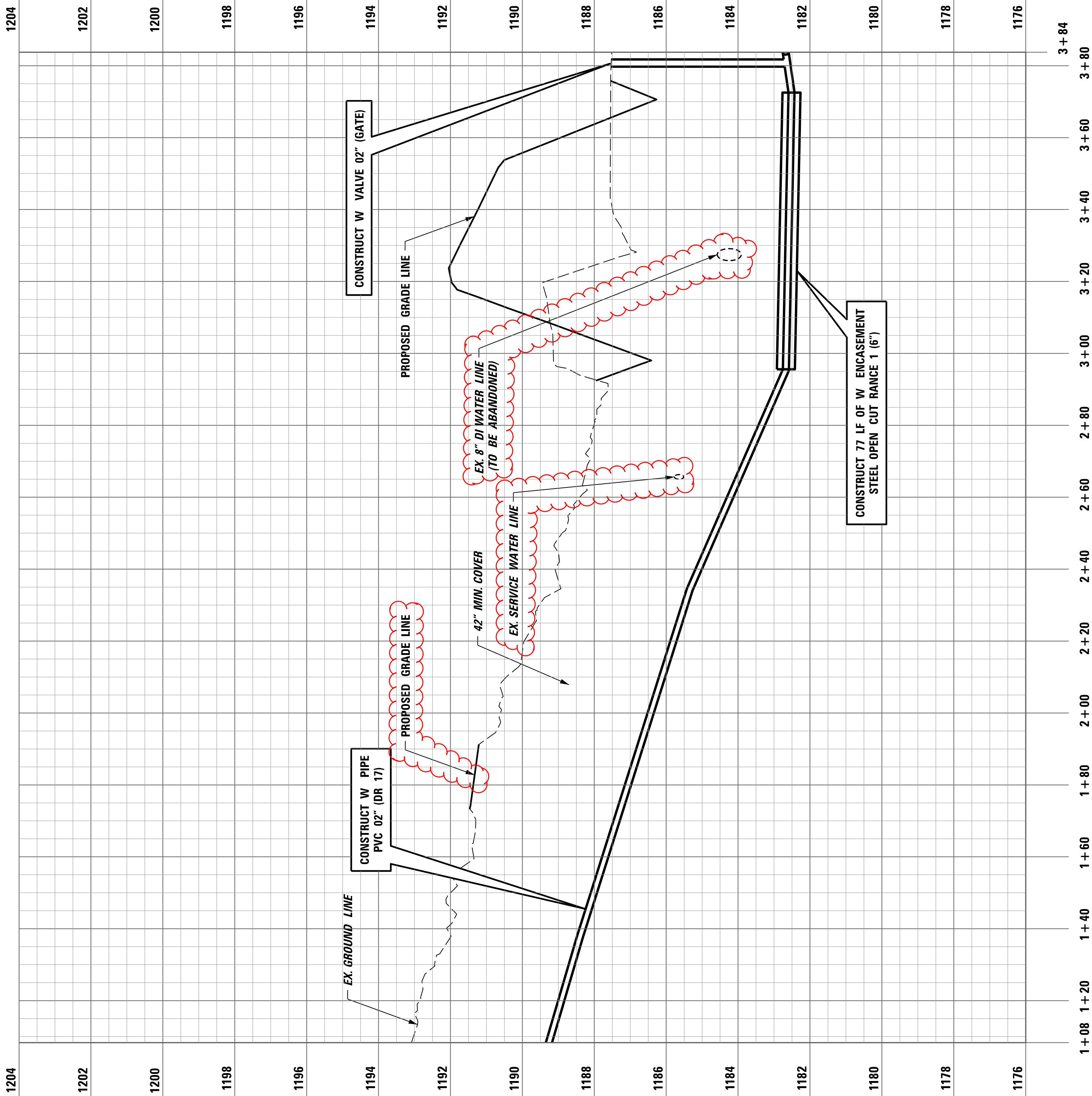
SEWER FORCE MAIN PROFILE KY 727 EAST
LT. STA. 20 + 30.00 TO RT. STA. 21 + 91.71







WATER LINE PROFILE KY 3421
LT. STA. 100 + 80.00 TO RT. STA. 102 + 20.54



WATER LINE PROFILE KY 3421
LT. STA. 100 + 80.00 TO RT. STA. 102 + 20.54



1204

1202

1200

1198

1196

1194

1192

1190

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1186

1184

1182

1180

1178

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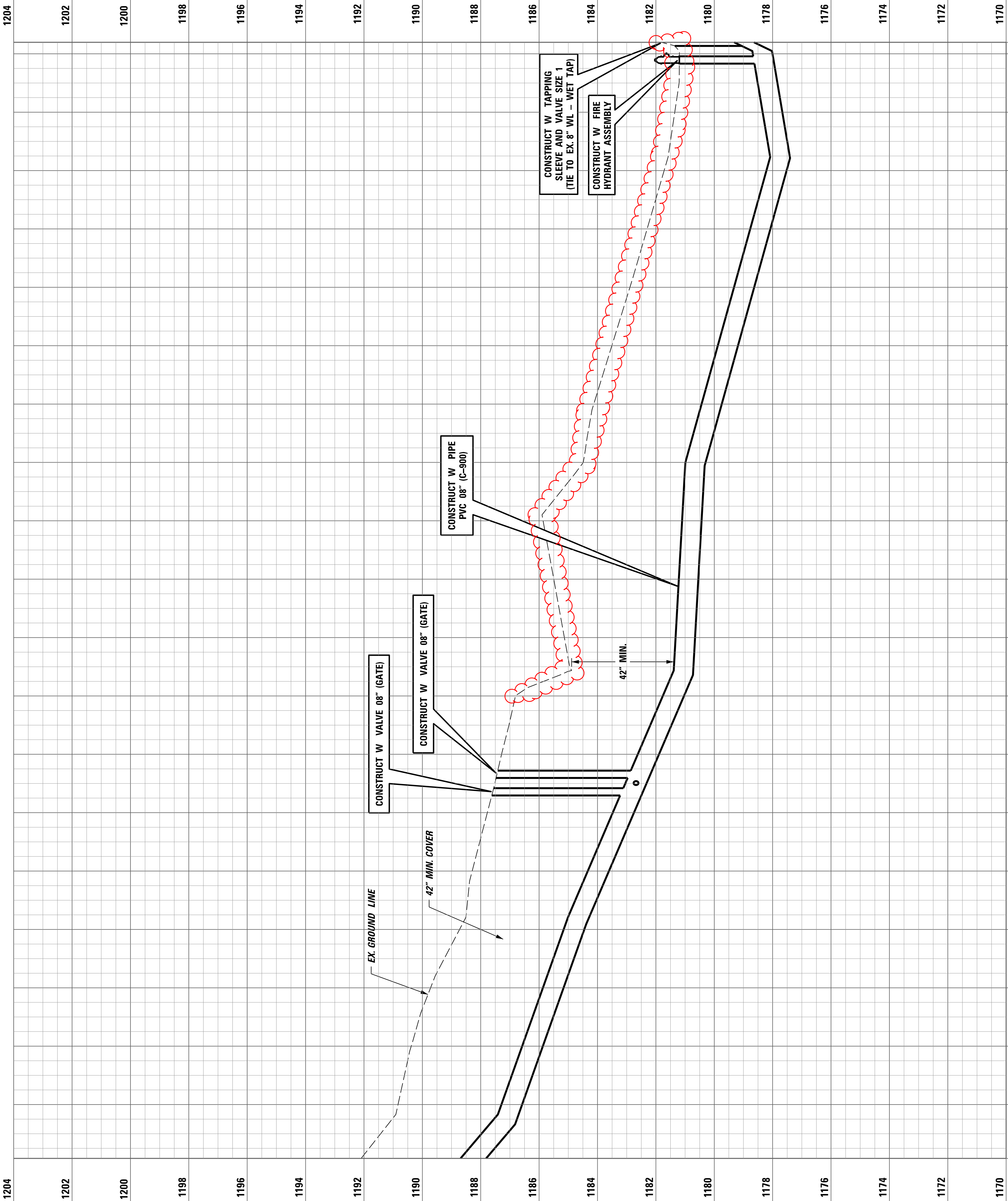
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1176

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1172

1170

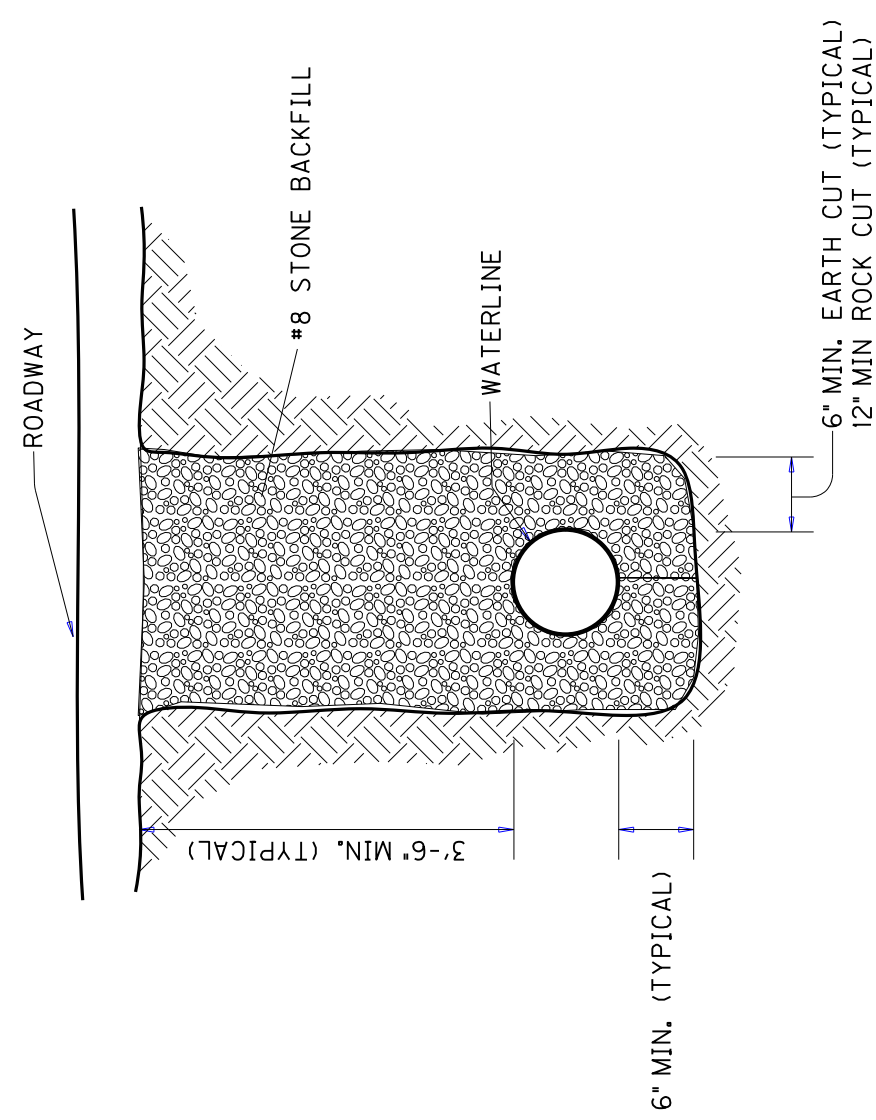


0 + 82 1 + 00 1 + 20 1 + 40 1 + 60 1 + 80 2 + 00 2 + 20 2 + 40 2 + 60 2 + 80 3 + 00 3 + 20 3 + 40 3 + 60 3 + 80 4 + 00 4 + 20 4 + 40 4 + 60 4 + 64

WATER LINE PROFILE KY 3421
RT. STA. 100 + 80.00 TO RT. STA. 104 + 71.83

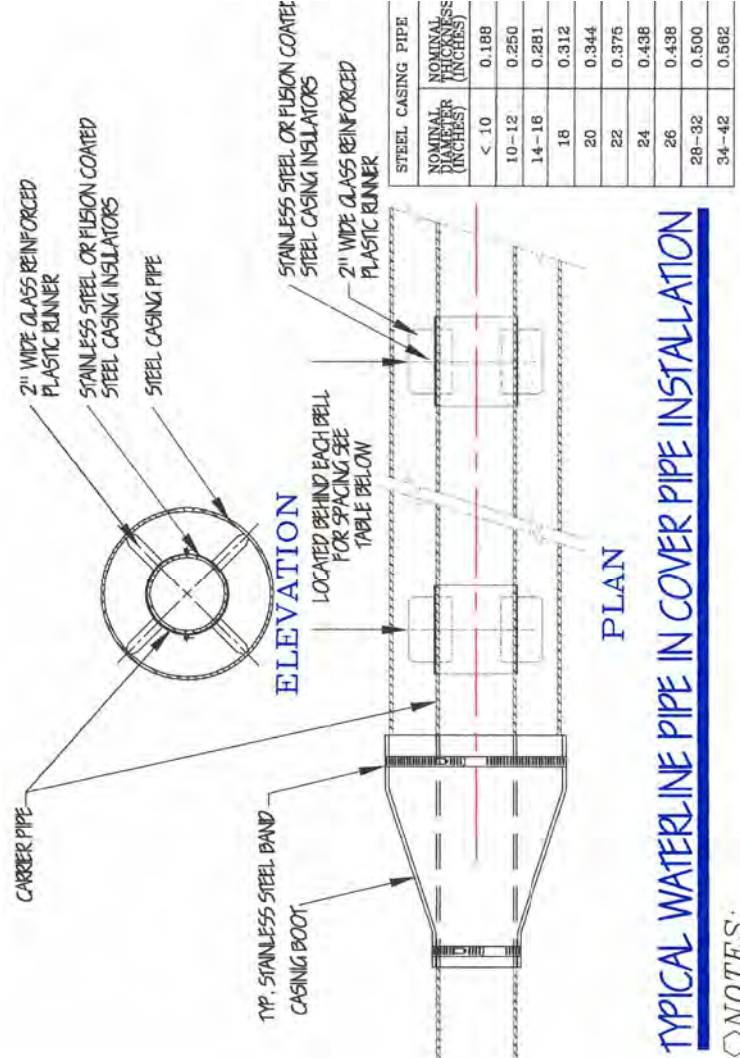


REVISED 06/14/2023



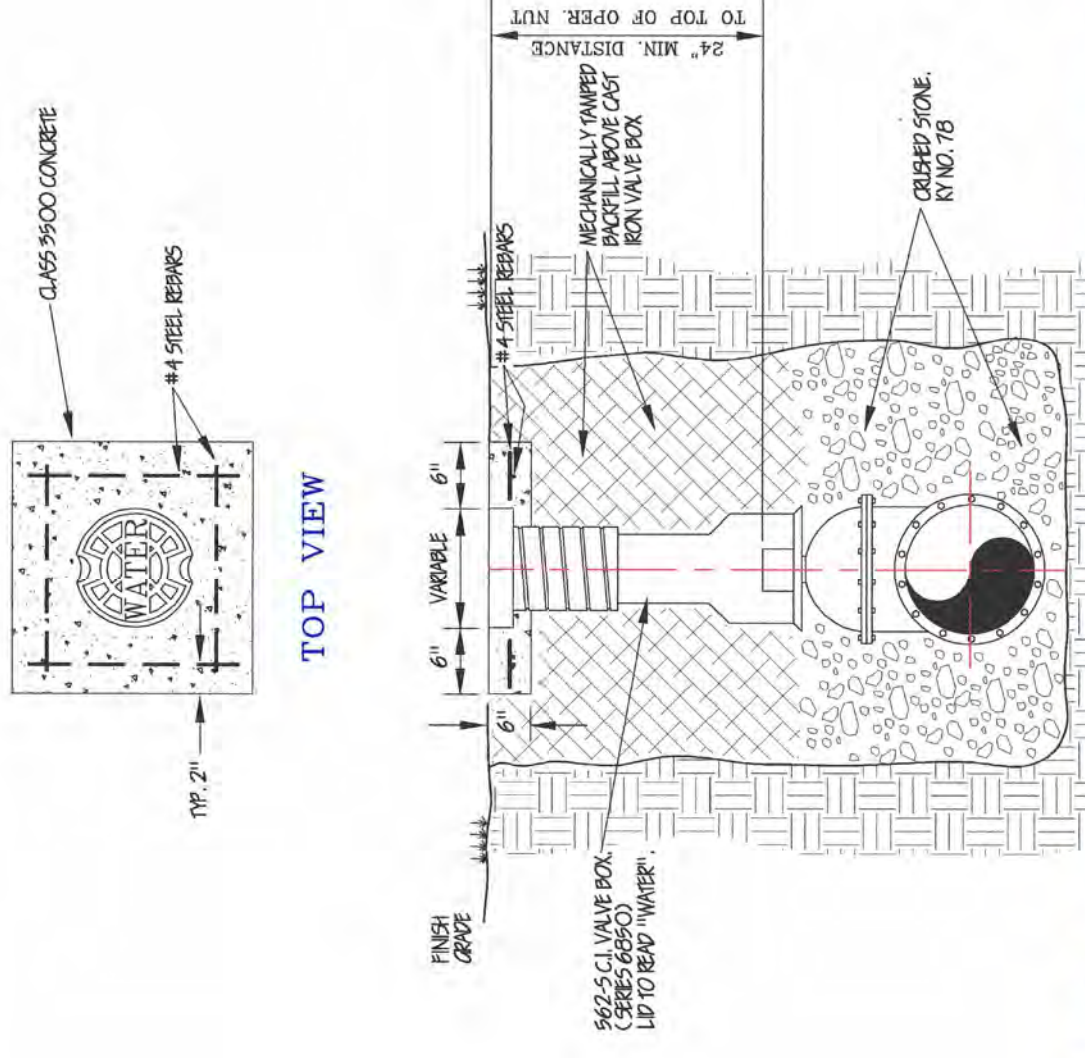
TYPICAL TRENCH FOR WATERLINE INSTALLATION (UNDER PAVEMENT)

NOT TO SCALE

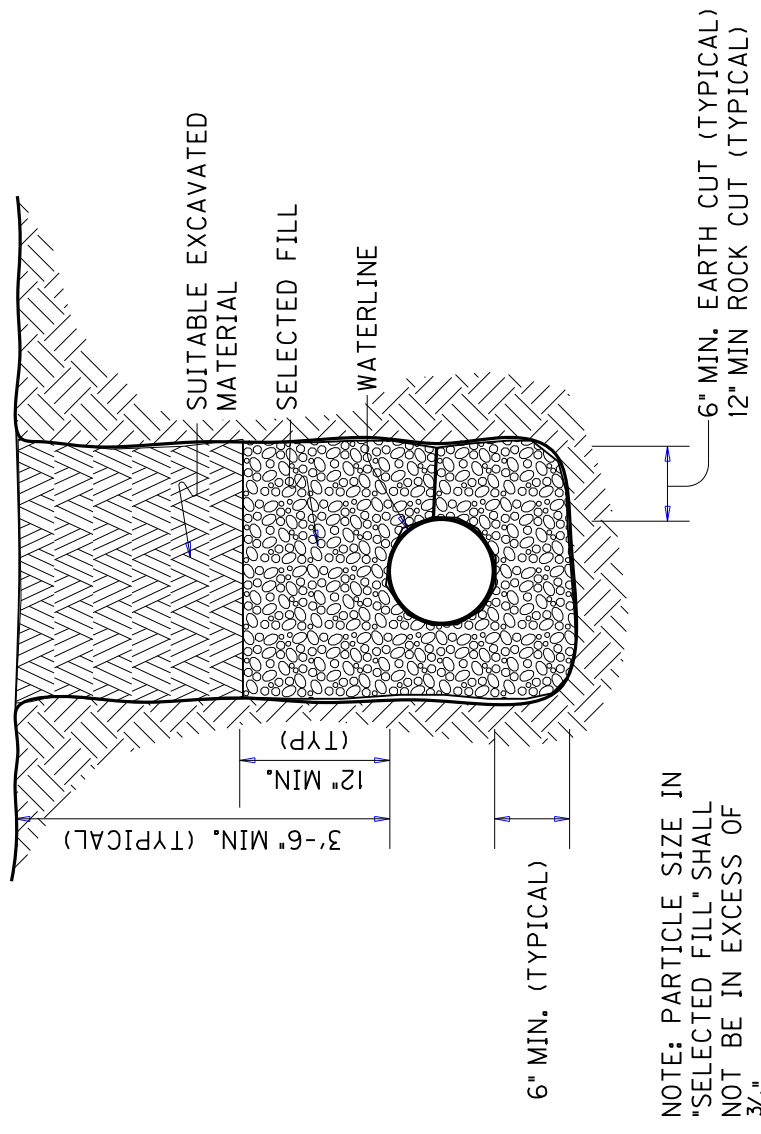


TYPICAL WATERLINE PIPE IN COVER PIPE INSTALLATION

- [illegible]

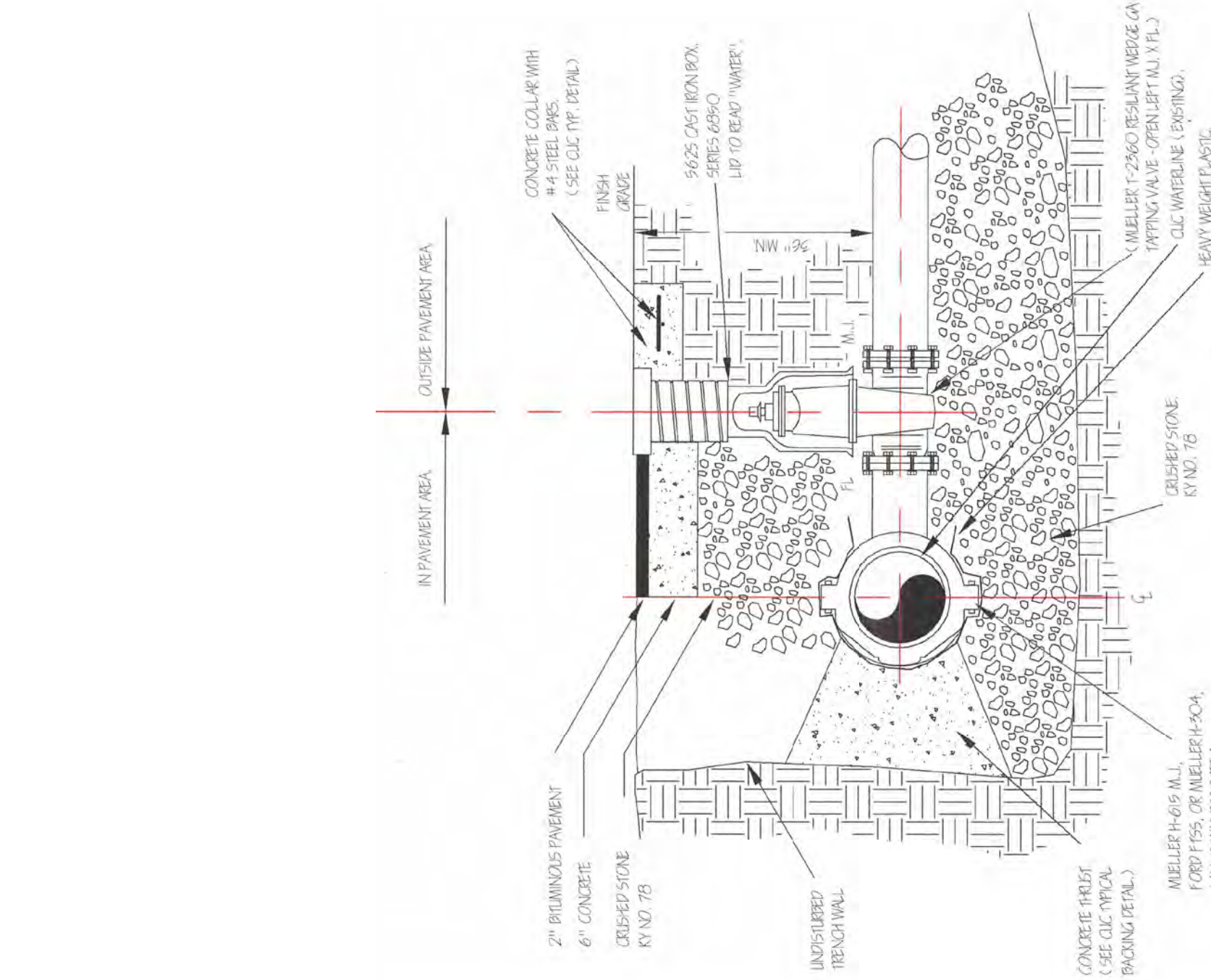


TYPICAL VALVE & VALVE BOX INSTALLATION (OUTSIDE ROADWAY)

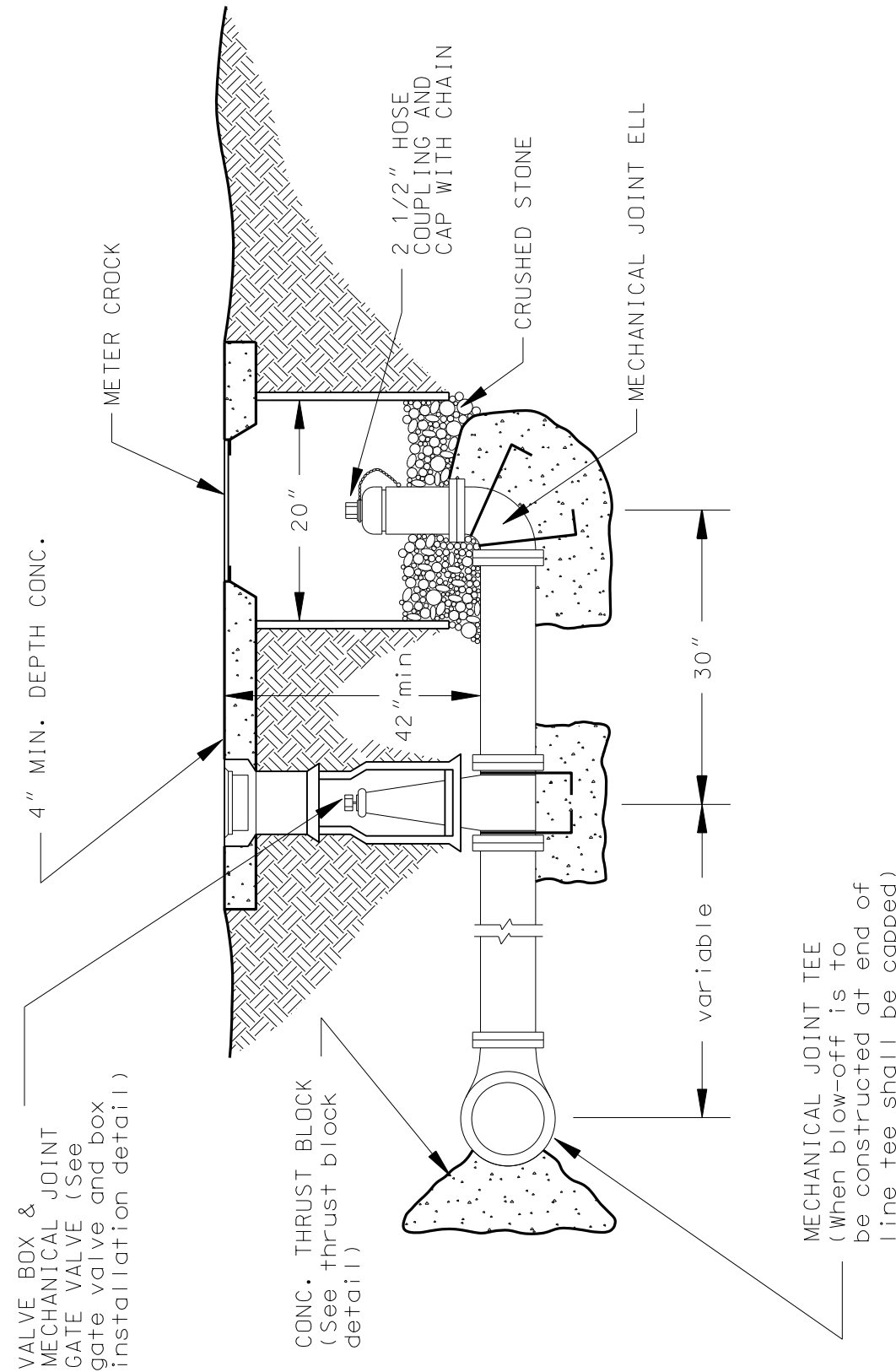


TYPICAL TRENCH FOR WATERLINE INSTALLATION (NOT UNDER PAVEMENT)

NOT TO SCALE

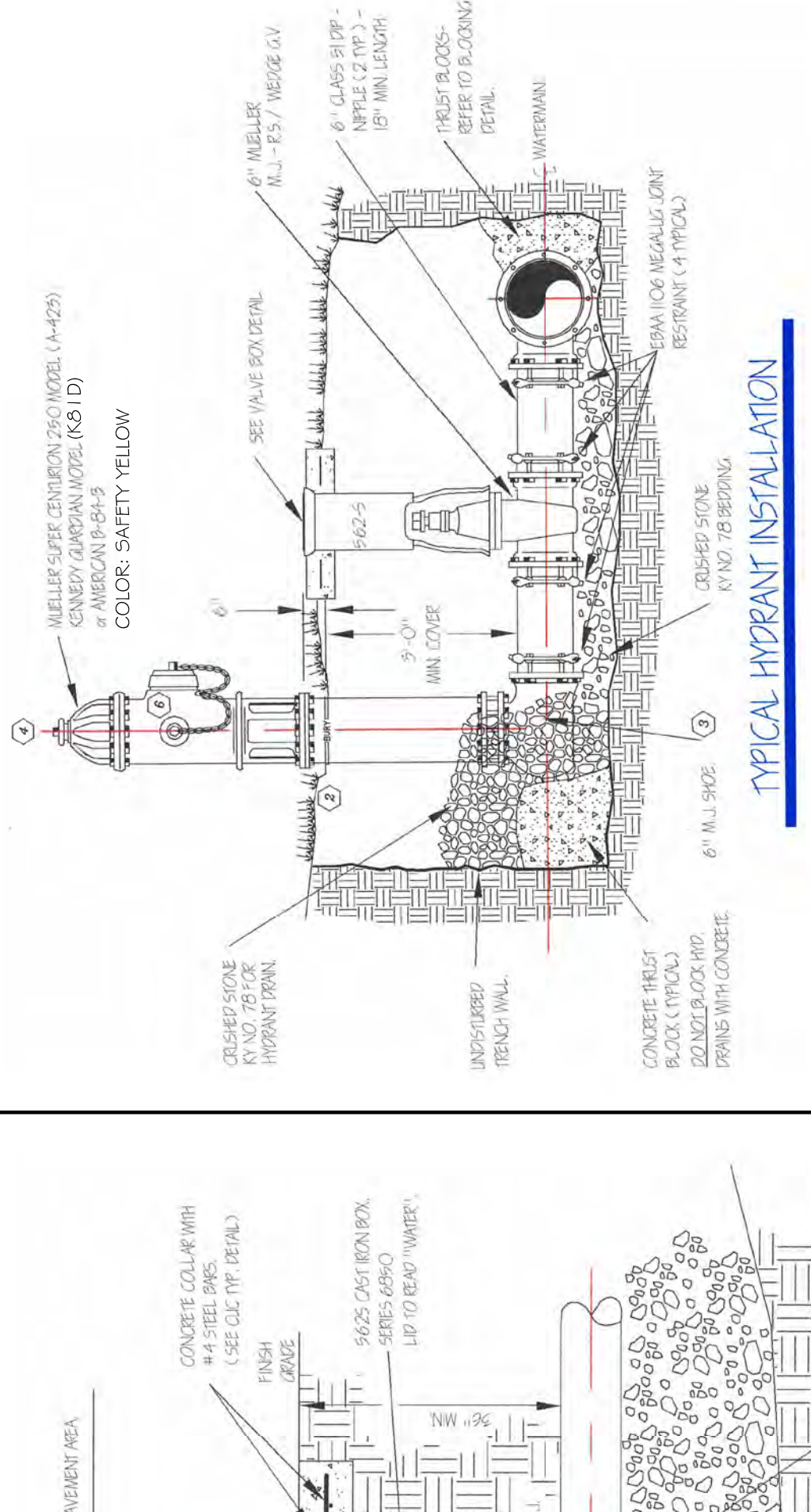


TYPICAL WET TAP



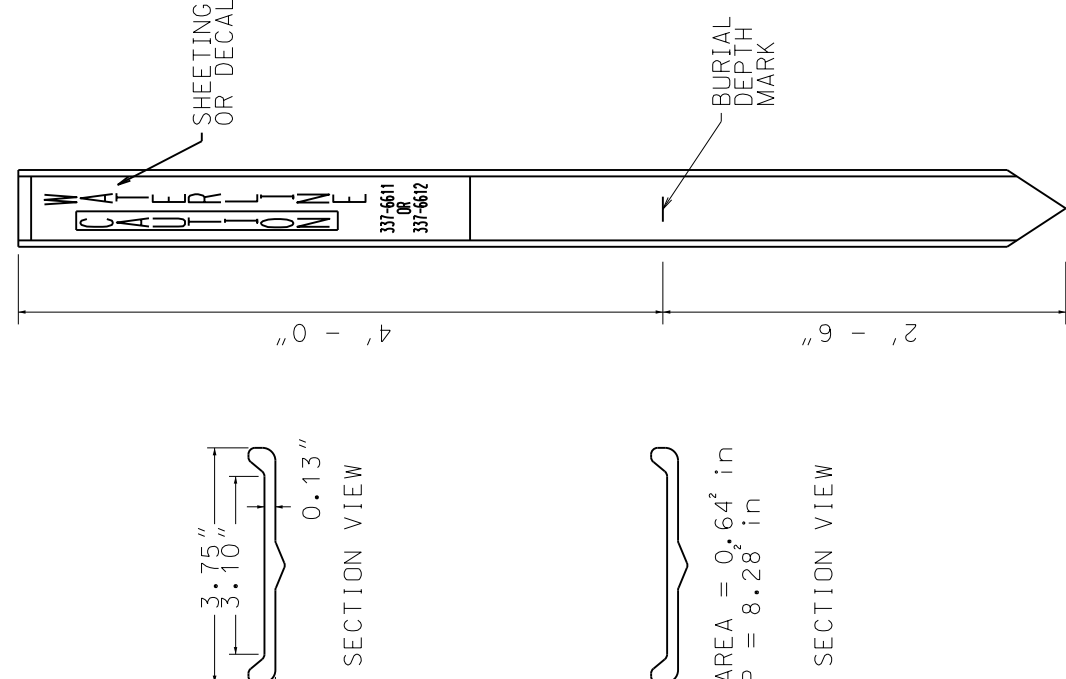
BLOW-OFF VALVE INSTALLATION DETAIL

NOT TO SCALE



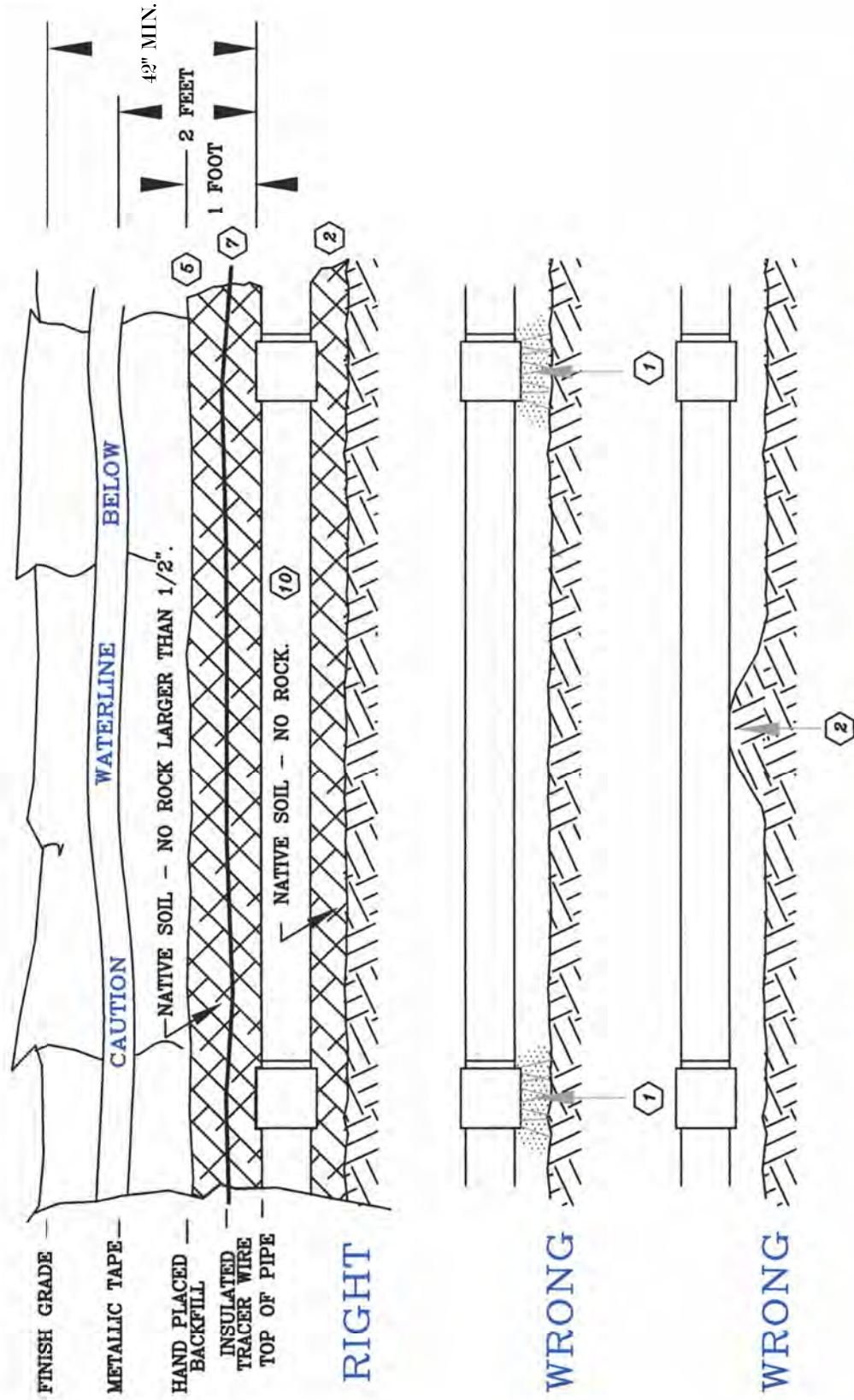
TYPICAL HYDRANT INSTALLATION

- **NOTES:**
- HYDRANTS MUST HAVE THE FOLLOWING:
 - (1) 5 1/4" VALVE OPENING.
 - (2) MINIMUM DEPTH OF BURY TO BE 3' FEET.
 - (3) 6" M.I. SIZES.
 - (4) 2" FRICTIONLESS OPERATING NUT.
 - (5) OPEN LEFT (COUNTER CLOCKWISE).
 - (6) 1-4 1/2" PUMPER NOZZLE & 2-2 1/2" HOSE NOZZLES WITH NATIONAL STANDARD THREADS.
 - (7) COLOR - RED
 - (8) IF FACTORY MUTUAL APPROVAL IS REQUIRED, A MUELLER SUPER CENTURION 250, MODEL A



TYPICAL VALVE / LINE
MARKER DETAIL

NOT TO SCALE



TYPICAL PVC WATERLINE WITH METALLIC TRACER WIRE INSTALLATION

- **NOTES:**
- ① NEVER ALLOW BELLS TO REST ON, OR SETTLE DOWN TO ORIGINAL TRENCH BOTTOM.
 - ② MAKE CERTAIN THAT PIPE IS GIVEN AN EVEN BEARING FOR ITS ENTIRE LENGTH ON LOOSE NATIVE SOIL.
 - ③ CARRY EXCAVATION 8-INCHES BELOW REQUIRED ELEVATION IN STABLE SOIL AREAS CONTAINING NO ROCKS. EXCAVATION 12-INCHES BELOW REQUIRED ELEVATION IN AREAS CONTAINING ROCKS. EXCAVATION 6-INCHES BELOW REQUIRED ELEVATION AND REPLACE WITH LOOSE NATIVE SOIL CONTAINING NO ROCKS, AS REQUIRED BY THE OWNER/ENGINEER AT NO EXTRA COST TO THE OWNER.
 - ④ PIPE SHALL BE HOMOED USING A BAR AND BLOCK. NEVER HOME PIPE WITH A BACKHOV BUCKET.
 - ⑤ BACKFILL SHALL BE HAND PLACED WITH SUFFICIENT MATERIAL TO 12-INCHES ABOVE THE TOP OF THE PIPE. ALL ROCK 1/2 INCH OR GREATER IN DIMENSION SHALL BE REMOVED FROM THE FIRST 12-INCHES.
 - ⑥ PVC WATERLINE SHALL BE BACKFILLED 2-FEET PRIOR TO INSTALLING DETECTABLE INSULATED WIRE DIRECTLY OVER PIPE.
 - ⑦ TRACER WIRE SHALL BE TIED DIRECTLY TO ALL VALVES, HYDRANTS AND SERVICE LINES.
 - ⑧ THE TAPE SHALL READ "CAUTION WATERLINE BELOW".
 - ⑨ THE MAX. VERTICAL/HORIZONTAL DEFLECTION SHALL NOT EXCEED ONE-HALF (1/2) MFG. RECOMMENDATION.
 - ⑩ ALL PVC WATERLINE SHALL BE C-300, DR-18 CLASS 150 (MIN).

