



Andy Beshear  
GOVERNOR

## TRANSPORTATION CABINET

200 Mero Street  
Frankfort, Kentucky 40601

Jim Gray  
SECRETARY

October 17, 2022

CALL NO. 102  
CONTRACT ID NO. 221054  
ADDENDUM # 1

Subject: DAVIESS COUNTY, STP 5078(017)  
Letting October 20, 2022

- (1) Revised - Proposal Bid Items - Pages 135-139 of 139
- (2) Revised - Plan Sheets - S001, S002, S003, S004, S005, and S006

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".

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

RM:mr  
Enclosures

**PROPOSAL BID ITEMS**

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**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	7,409.00	TON		\$	
0020	00020		TRAFFIC BOUND BASE	300.00	TON		\$	
0030	00078		CRUSHED AGGREGATE SIZE NO 2	10,788.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	16.70	TON		\$	
0050	00103		ASPHALT SEAL COAT	2.00	TON		\$	
0060	00190		LEVELING & WEDGING PG64-22	14,575.00	TON		\$	
0070	00214		CL3 ASPH BASE 1.00D PG64-22	9,356.00	TON		\$	
0080	00221		CL2 ASPH BASE 0.75D PG64-22	610.00	TON		\$	
0090	00309		CL2 ASPH SURF 0.50D PG64-22	730.00	TON		\$	
0100	00330		CL3 ASPH SURF 0.50A PG64-22	5,699.00	TON		\$	
0110	00356		ASPHALT MATERIAL FOR TACK	89.00	TON		\$	
0120	02084		JPC PAVEMENT-8 IN	611.00	SQYD		\$	
0130	02101		CEM CONC ENT PAVEMENT-8 IN	717.00	SQYD		\$	
0140	02602		FABRIC-GEOTEXTILE CLASS 1	18,927.00	SQYD		\$	
0150	02604		FABRIC-GEOTEXTILE CLASS 1A	18,927.00	SQYD		\$	
0160	02677		ASPHALT PAVE MILLING & TEXTURING	1,972.00	TON		\$	
0170	20071EC		JOINT ADHESIVE	41,097.00	LF		\$	

**Section: 0002 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0180	01000		PERFORATED PIPE-4 IN	1,200.00	LF		\$	
0190	01740		CORED HOLE DRAINAGE BOX CON-4 IN	120.00	EACH		\$	
0200	01810		STANDARD CURB AND GUTTER	11,751.00	LF		\$	
0210	01815		BARRIER CURB AND GUTTER	2,047.00	LF		\$	
0220	01825		ISLAND CURB AND GUTTER	127.00	LF		\$	
0230	01890		ISLAND HEADER CURB TYPE 1	97.00	LF		\$	
0240	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	22.00	EACH		\$	
0250	02014		BARRICADE-TYPE III	25.00	EACH		\$	
0260	02091		REMOVE PAVEMENT	494.00	SQYD		\$	
0270	02159		TEMP DITCH	4,571.00	LF		\$	
0280	02160		CLEAN TEMP DITCH	2,285.00	LF		\$	
0290	02200		ROADWAY EXCAVATION	26,941.00	CUYD		\$	
0300	02203		STRUCTURE EXCAV-UNCLASSIFIED	66.00	CUYD		\$	
0310	02242		WATER	5.00	MGAL		\$	
0320	02351		GUARDRAIL-STEEL W BEAM-S FACE	1,844.50	LF		\$	
0330	02360		GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH		\$	
0340	02367		GUARDRAIL END TREATMENT TYPE 1	2.00	EACH		\$	
0350	02381		REMOVE GUARDRAIL	887.50	LF		\$	
0360	02429		RIGHT-OF-WAY MONUMENT TYPE 1	81.00	EACH		\$	
0370	02432		WITNESS POST	3.00	EACH		\$	
0380	02483		CHANNEL LINING CLASS II	6,719.00	TON		\$	
0390	02545		CLEARING AND GRUBBING APPROXIMATELY 6 ACRES	1.00	LS		\$	
0400	02555		CONCRETE-CLASS B	74.00	CUYD		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	02562		TEMPORARY SIGNS	1,000.00	SQFT		\$	
0420	02585		EDGE KEY	844.00	LF		\$	
0430	02611		HANDRAIL-TYPE A-1	185.00	LF		\$	
0440	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0450	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
0460	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0470	02701		TEMP SILT FENCE	4,571.00	LF		\$	
0480	02703		SILT TRAP TYPE A	30.00	EACH		\$	
0490	02704		SILT TRAP TYPE B	30.00	EACH		\$	
0500	02705		SILT TRAP TYPE C	30.00	EACH		\$	
0510	02706		CLEAN SILT TRAP TYPE A	30.00	EACH		\$	
0520	02707		CLEAN SILT TRAP TYPE B	30.00	EACH		\$	
0530	02708		CLEAN SILT TRAP TYPE C	30.00	EACH		\$	
0540	02720		SIDEWALK-4 IN CONCRETE	4,110.00	SQYD		\$	
0550	02726		STAKING	1.00	LS		\$	
0560	02775		ARROW PANEL	2.00	EACH		\$	
0570	03302		REPAIR CONCRETE CURB	2,668.00	LF		\$	
0580	05950		EROSION CONTROL BLANKET	1,600.00	SQYD		\$	
0590	05952		TEMP MULCH	93,347.00	SQYD		\$	
0600	05953		TEMP SEEDING AND PROTECTION	70,011.00	SQYD		\$	
0610	05963		INITIAL FERTILIZER	6.00	TON		\$	
0620	05964		MAINTENANCE FERTILIZER	3.00	TON		\$	
0630	05985		SEEDING AND PROTECTION	49,320.00	SQYD		\$	
0640	05990		SODDING	4,467.00	SQYD		\$	
0650	05992		AGRICULTURAL LIMESTONE	35.00	TON		\$	
0660	06510		PAVE STRIPING-TEMP PAINT-4 IN	143,305.00	LF		\$	
0670	06514		PAVE STRIPING-PERM PAINT-4 IN	3,317.00	LF		\$	
0680	06550		PAVE STRIPING-TEMP REM TAPE-W	2,880.00	LF		\$	
0690	06551		PAVE STRIPING-TEMP REM TAPE-Y	7,488.00	LF		\$	
0700	06566		PAVE MARKING-THERMO X-WALK-12 IN	2,923.00	LF		\$	
0710	06568		PAVE MARKING-THERMO STOP BAR-24IN	1,017.00	LF		\$	
0720	06569		PAVE MARKING-THERMO CROSS-HATCH	2,580.00	SQFT		\$	
0730	06574		PAVE MARKING-THERMO CURV ARROW	120.00	EACH		\$	
0740	06575		PAVE MARKING-THERMO COMB ARROW	9.00	EACH		\$	
0750	06576		PAVE MARKING-THERMO ONLY	3.00	EACH		\$	
0760	06587		PAVEMENT MARKER TY IVA-BW TEMP	1,451.00	EACH		\$	
0770	06588		PAVEMENT MARKER TY IVA-BY TEMP	1,573.00	EACH		\$	
0780	06600		REMOVE PAVEMENT MARKER TYPE V	703.00	EACH		\$	
0790	10020NS		FUEL ADJUSTMENT	39,543.00	DOLL	\$1.00	\$	\$39,543.00
0800	10030NS		ASPHALT ADJUSTMENT	64,098.00	DOLL	\$1.00	\$	\$64,098.00
0810	21289ED		LONGITUDINAL EDGE KEY	13,910.00	LF		\$	
0820	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	72.00	LF		\$	
0830	23158ES505		DETECTABLE WARNINGS	996.00	SQFT		\$	
0840	23256ES717		PAVE MARK TY 1 TAPE -ONLY	2.00	EACH		\$	
0850	23270ES717		PAVE MARK TY 1 TAPE-CURV ARROW	1.00	EACH		\$	
0860	23379EC		STAMPED CONCRETE	1,224.00	SQYD		\$	
0870	23835EC		STANDARD BARRIER MEDIAN TY 5-MOD	1,669.00	SQYD		\$	
0880	23871EC		PAVE STRIPE-WET REF TAPE-6 IN Y	645.00	LF		\$	
0890	23872EC		PAVE STRIPE-WET REF TAPE-6 IN W	692.00	LF		\$	
0900	24489EC		INLAID PAVEMENT MARKER	722.00	EACH		\$	

**PROPOSAL BID ITEMS**

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0910	24540		R/W MONUMENT TYPE 3	13.00	EACH		\$	
0920	24679ED		PAVE MARK THERMO CHEVRON	392.00	SQFT		\$	
0930	24814EC		PIPELINE INSPECTION	10,023.00	LF		\$	
0940	25008EC		PAVE STRIPING-THERMO-6 IN W-WET REFLECT	29,025.00	LF		\$	
0950	25009EC		PAVE STRIPING-THERMO-6 IN Y-WET REFLECT	14,208.00	LF		\$	
0960	25019EC		GROOVE FOR PAVE STRIPING - 7 IN	43,233.00	LF		\$	
0970	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	1.00	EACH		\$	
0980	26178EC		PAVE STRIPING-THERMO-12 IN W-WET REFLECT	1,382.00	LF		\$	
0990	26179EC		PAVE STRIPING-THERMO-12 IN Y-WET REFLECT	717.00	LF		\$	
1000	26180EC		GROOVE FOR PAVE STRIPING - 13 IN	2,099.00	LF		\$	

**Section: 0003 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1010	00440		ENTRANCE PIPE-15 IN	45.00	LF		\$	
1020	00506		CULVERT PIPE-84 IN EQUIV	84.00	LF		\$	
1030	00521		STORM SEWER PIPE-15 IN	3,025.00	LF		\$	
1040	00522		STORM SEWER PIPE-18 IN	4,457.00	LF		\$	
1050	00524		STORM SEWER PIPE-24 IN	998.00	LF		\$	
1060	00526		STORM SEWER PIPE-30 IN	383.00	LF		\$	
1070	00528		STORM SEWER PIPE-36 IN	536.00	LF		\$	
1080	00529		STORM SEWER PIPE-42 IN	177.00	LF		\$	
1090	00530		STORM SEWER PIPE-48 IN	528.00	LF		\$	
1100	00531		STORM SEWER PIPE-54 IN	50.00	LF		\$	
1110	00980		SLOTTED DRAIN PIPE-12 IN	130.00	LF		\$	
1120	01480		CURB BOX INLET TYPE B	68.00	EACH		\$	
1130	01496		DROP BOX INLET TYPE 3	3.00	EACH		\$	
1140	01535		DROP BOX INLET TYPE 6F	3.00	EACH		\$	
1150	01538		DROP BOX INLET TYPE 7	1.00	EACH		\$	
1160	01544		DROP BOX INLET TYPE 11	4.00	EACH		\$	
1170	01559		DROP BOX INLET TYPE 13G	30.00	EACH		\$	
1180	01568		DROP BOX INLET TYPE 13S	3.00	EACH		\$	
1190	01577		DROP BOX INLET TYPE 14	2.00	EACH		\$	
1200	01580		DROP BOX INLET TYPE 15	1.00	EACH		\$	
1210	01581		DROP BOX INLET TYPE 16G	3.00	EACH		\$	
1220	01587		DROP BOX INLET TYPE 16S	3.00	EACH		\$	
1230	01643		JUNCTION BOX-24 IN	1.00	EACH		\$	
1240	01644		JUNCTION BOX-30 IN	2.00	EACH		\$	
1250	01646		JUNCTION BOX-42 IN	1.00	EACH		\$	
1260	01756		MANHOLE TYPE A	1.00	EACH		\$	
1270	01767		MANHOLE TYPE C	1.00	EACH		\$	
1280	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	39,281.00	SQYD	\$2.00	\$	\$78,562.00
1290	23952EC		DRAINAGE JUNCTION BOX TY B	2.00	EACH		\$	
1300	26130ED		SLOPED AND MITERED HEADWALL-15 IN	6.00	EACH		\$	
1310	26131ED		SLOPED AND MITERED HEADWALL-18 IN	1.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1320	26132ED		SLOPED AND MITERED HEADWALL-24 IN	3.00	EACH		\$	
1330	26133ED		SLOPED AND MITERED HEADWALL-30 IN	1.00	EACH		\$	
1340	26135ED		SLOPED AND MITERED HEADWALL-42 IN	1.00	EACH		\$	

**Section: 0004 - BRIDGE - S28390**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1350	02403		REMOVE CONCRETE MASONRY	14.30	CUYD		\$	
1360	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1370	08100		CONCRETE-CLASS A	56.70	CUYD		\$	
1380	08150		STEEL REINFORCEMENT	6,218.00	LB		\$	

**Section: 0005 - BRIDGE - S28391**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1390	02403		REMOVE CONCRETE MASONRY	31.80	CUYD		\$	
1400	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1410	08100		CONCRETE-CLASS A	102.70	CUYD		\$	
1420	08150		STEEL REINFORCEMENT	9,323.00	LB		\$	

**Section: 0006 - BRIDGE - S28392**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1430	02403		REMOVE CONCRETE MASONRY 12'X5' RCBC - DRAWING #28392	18.00	CUYD		\$	
1440	08003		FOUNDATION PREPARATION 12'X5' RCBC - DRAWING #28392	1.00	LS		\$	
1450	08100		CONCRETE-CLASS A 12'X5' RCBC - DRAWING #28392	86.20	CUYD		\$	
1460	08150		STEEL REINFORCEMENT 12'X5' RCBC - DRAWING #28392	8,159.00	LB		\$	

**Section: 0007 - BRIDGE - S27621**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1470	02403		REMOVE CONCRETE MASONRY	50.00	CUYD		\$	
1480	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1490	08100		CONCRETE-CLASS A	354.20	CUYD		\$	
1500	08150		STEEL REINFORCEMENT (REVISED 10-17-2022)	44,621.00	LB		\$	

**Section: 0008 - SEWER**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1510	02690		SAFELOADING	8.00	CUYD		\$	

**PROPOSAL BID ITEMS**

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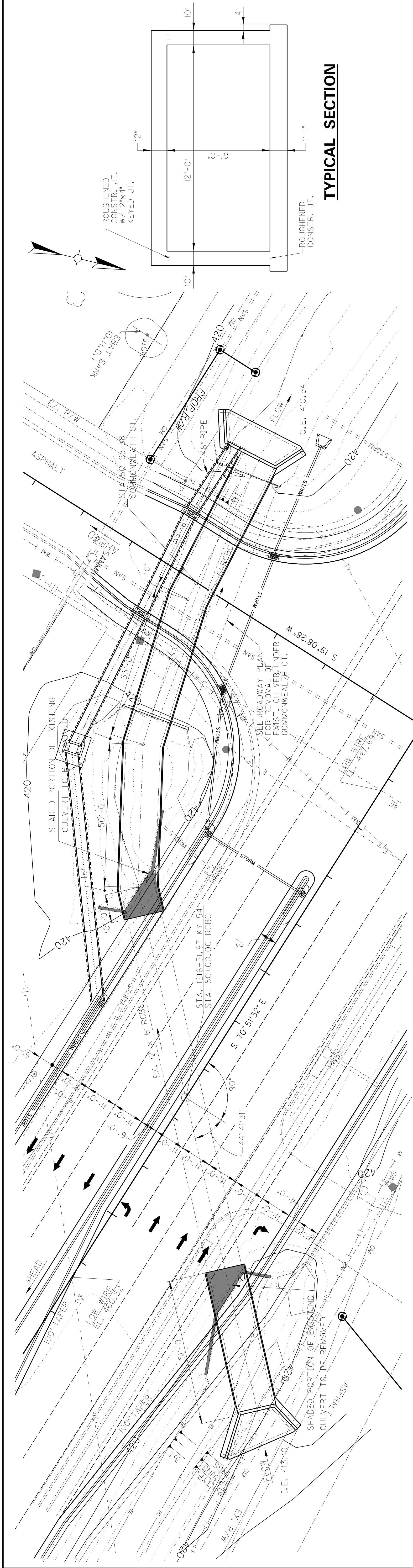
LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1520	15000		S BYPASS PUMPING	1.00	EACH		\$	
1530	15012		S ENCASEMENT CONCRETE	30.00	LF		\$	
1540	15092		S MANHOLE	4.00	EACH		\$	
1550	15093		S MANHOLE ABANDON/REMOVE	5.00	EACH		\$	
1560	15094		S MANHOLE ADJUST TO GRADE	5.00	EACH		\$	
1570	15112		S PIPE PVC 08 INCH	570.00	LF		\$	
1580	15114		S PIPE PVC 12 INCH	50.00	LF		\$	

**Section: 0009 - WATERLINE**

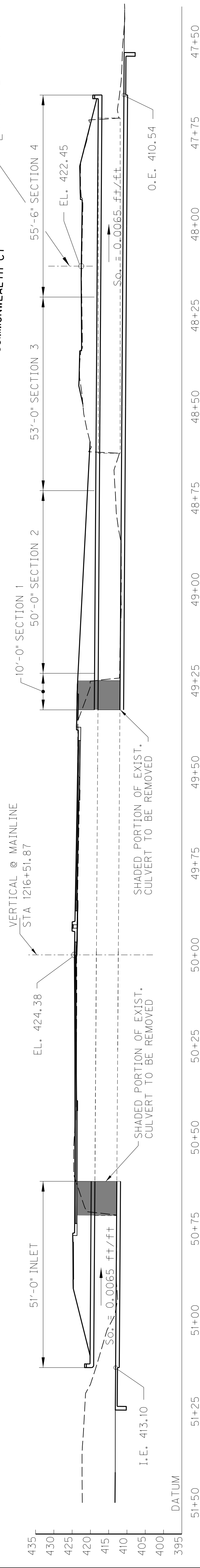
LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1590	14003		W CAP EXISTING MAIN	17.00	EACH		\$	
1600	14008		W ENCASEMENT STEEL BORED RANGE 3	150.00	LF		\$	
1610	14009		W ENCASEMENT STEEL BORED RANGE 4	490.00	LF		\$	
1620	14010		W ENCASEMENT STEEL BORED RANGE 5	380.00	LF		\$	
1630	14020		W FIRE HYDRANT RELOCATE	5.00	EACH		\$	
1640	14030		W METER RELOCATE	18.00	EACH		\$	
1650	14058		W PIPE PVC 04 INCH	300.00	LF		\$	
1660	14059		W PIPE PVC 06 INCH	281.00	LF		\$	
1670	14060		W PIPE PVC 08 INCH	140.00	LF		\$	
1680	14061		W PIPE PVC 10 INCH	772.00	LF		\$	
1690	14063		W PIPE PVC 16 INCH	5,225.00	LF		\$	
1700	14093		W TIE-IN 04 INCH	2.00	EACH		\$	
1710	14094		W TIE-IN 06 INCH	2.00	EACH		\$	
1720	14095		W TIE-IN 08 INCH	4.00	EACH		\$	
1730	14096		W TIE-IN 10 INCH	5.00	EACH		\$	
1740	14097		W TIE-IN 12 INCH	1.00	EACH		\$	
1750	14104		W VALVE 04 INCH	2.00	EACH		\$	
1760	14105		W VALVE 06 INCH	2.00	EACH		\$	
1770	14106		W VALVE 08 INCH	4.00	EACH		\$	
1780	14107		W VALVE 10 INCH	6.00	EACH		\$	
1790	14109		W VALVE 16 INCH	3.00	EACH		\$	
1800	14145		W SERV COPPER LONG SIDE 1 IN	1.00	EACH		\$	
1810	14149		W SERV COPPER SHORT SIDE 1 IN	4.00	EACH		\$	
1820	14151		W SERV COPPER SHORT SIDE 2 IN	4.00	EACH		\$	
1830	14152		W SERV COPPER SHORT SIDE 3/4 IN	9.00	EACH		\$	
1840	24207EC		SPECIAL DITCH CROSSING PROTECTION	63.00	LF		\$	

**Section: 0010 - DEMOBILIZATION &/OR MOBILIZATION**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1850	02568		MOBILIZATION	1.00	LS		\$	
1860	02569		DEMOBILIZATION	1.00	LS		\$	



**PLAN**



**SECTION ALONG & CULVERT**

12'x6' RCBC EXTENSION, 44° 41' 31" SKEW RT.;  
 51' @ INLET & 168'-6" @ OUTLET  
 3:1 MAX. FILL SLOPES - VARYING SHOULDERS - KY HL-93 LOADING  
 5'-0" MAXIMUM FILL HEIGHT - YIELDING FOUNDATION

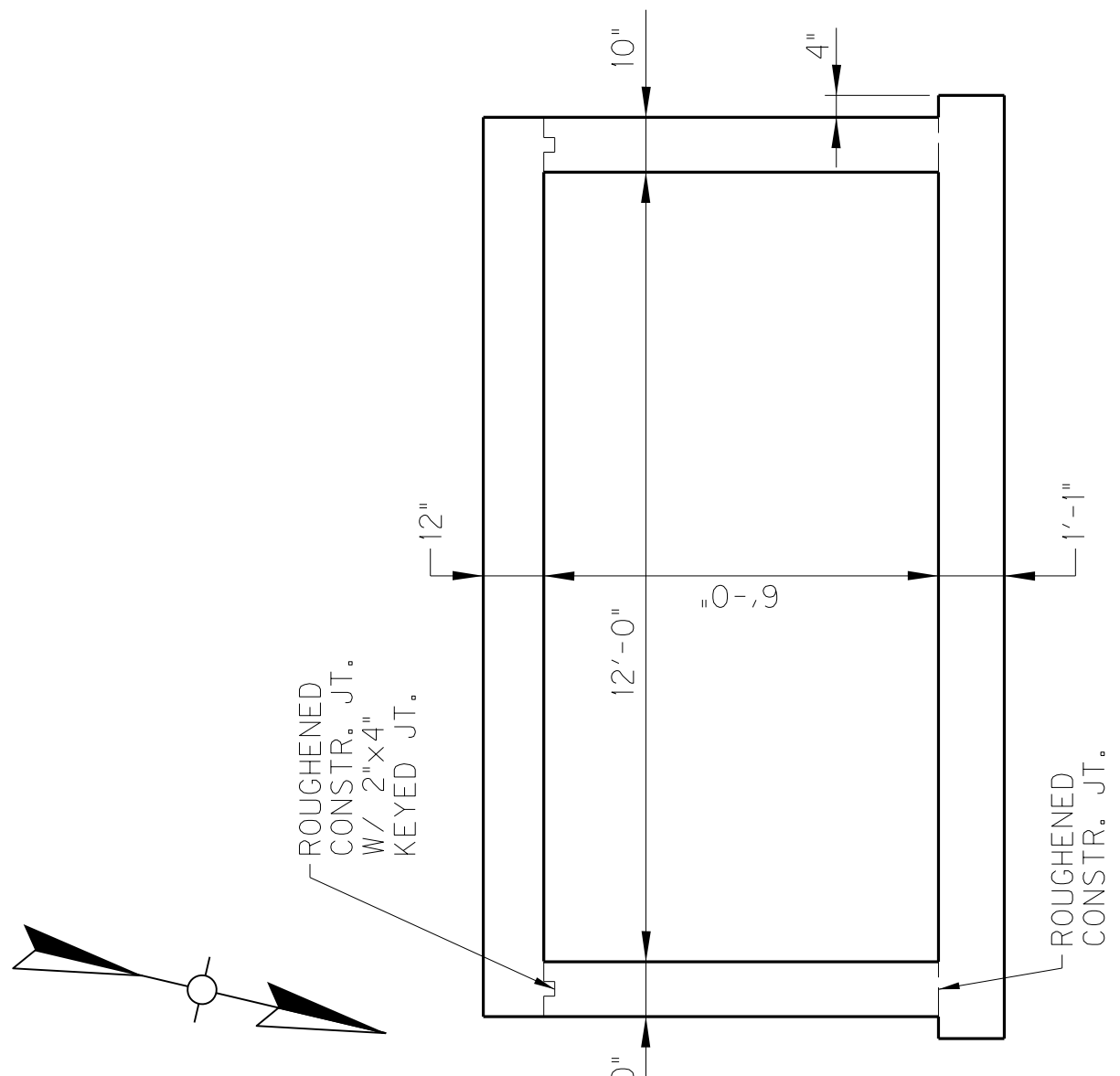
**GENERAL NOTES**

- BONDING NEW CONCRETE TO OLD CONCRETE**  
 ALL NEW CONCRETE SHALL BE BONDED TO THE OLD CONCRETE WITH A TWO-COMPONENT EPOXY RESIN SYSTEM CONFORMING TO SECTION 511 AND 826 OF THE SPECIFICATIONS. THE COST OF THIS WORK, INCLUDING ALL LABOR, TOOLS, AND MATERIALS IS TO BE INCIDENTAL TO THE UNIT PRICE BID FOR CLASS "A" CONCRETE.
- WELDED WIRE FABRIC**  
 WELDED WIRE FABRIC SHALL CONFORM TO SECTION 811 OF THE SPECIFICATIONS. THE COSTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CLASS "A" CONCRETE. APPROXIMATE QUANTITY, 60 S.Y., WWF6x6-DTXD7. REINFORCING BARS #4 AT 12" IN EACH DIRECTION MAY BE USED IN LIEU OF THE WELDED WIRE FABRIC.
- SAWCUTTING CONCRETE**  
 SAWCUT BARREL TO A DEPTH OF 1" PRIOR TO REMOVING EXISTING CONCRETE. COST SHALL BE INCLUDED IN THE UNIT BID FOR REMOVE EXISTING CONCRETE MASONRY.
- BEVELED EDGES**  
 ALL EXPOSED EDGES SHALL BE BEVELED 3/4" UNLESS OTHERWISE NOTED.
- CONSTRUCTION JOINTS**  
 VERTICAL CONSTRUCTION JOINTS SHALL BE LOCATED IN THE FIELD, EXCEPT THAT NO JOINT SHALL BE LOCATED IN THE BARREL WITHIN 6' OF THE ENDS OF THE CULVERT.

**SPECIFICATIONS**

- REFERENCES TO THE STANDARD SPECIFICATIONS ARE TO THE CURRENT KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, WITH CURRENT SUPPLEMENTAL SPECIFICATIONS. REFERENCES TO AASHTO SPECIFICATIONS ARE TO THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, CURRENT EDITION WITH INTERIM REVISIONS.
- DESIGN LOAD**  
 THIS STRUCTURE IS DESIGNED FOR HL-93 LIVE LOAD INCREASED 25%.
- WEIGHT OF FILL MATERIAL**  
 THE ASSUMED WEIGHT OF FILL MATERIAL IS 120 LBS PER CUBIC FOOT.
- DESIGN STRESSES**  
 F<sub>y</sub> = 60,000 psi  
 f'<sub>c</sub> = 3,500 psi
- CONCRETE**  
 CLASS "A" CONCRETE SHALL BE USED THROUGHOUT.
- REINFORCEMENT**  
 DIMENSIONS SHOWN FROM THE FACE OF CONCRETE TO BARS ARE CLEAR DISTANCES UNLESS OTHERWISE SHOWN. SPACING OF BARS IS FROM CENTER TO CENTER.
- MASONRY COATING**  
 MASONRY COATING WILL NOT BE REQUIRED FOR THIS STRUCTURE.

**TYPICAL SECTION**



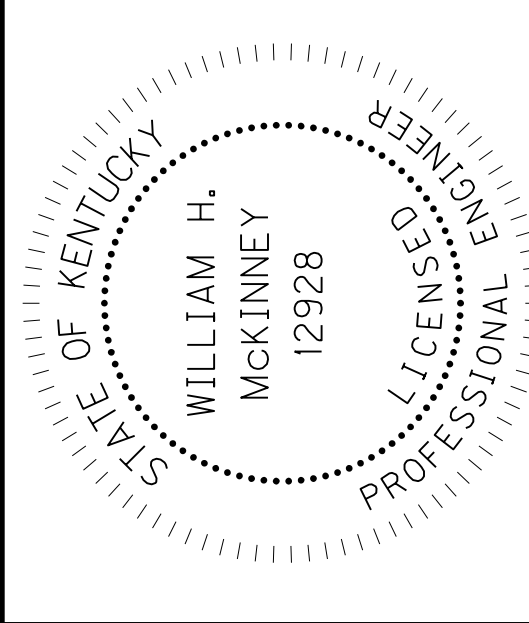
**REFERENCES**

- STANDARD DRAWINGS**  
 BGX-006-09 STENCILS FOR STRUCTURES  
 BGX-012-02 GEOTECHNICAL LEGEND
- EXISTING CULVERT**  
 EXISTING CULVERT DWG. # 21356

**SPECIFICATIONS**

- 2019 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
- 2017 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

ESTIMATE OF QUANTITIES		
BID ITEM NO.	ITEM	QUAN UNIT
8100	CONCRETE, CLASS "A"	354.2 C.Y.
8150	STEEL REINFORCEMENT	44,621 LBS.
8003	FOUNDATION PREPARATION	1 L.S.
2403	REMOVE CONCRETE MASONRY	50.0 C.Y.



WILLIAM H. MCKINNEY, P.E.  
 KY NO. 12928

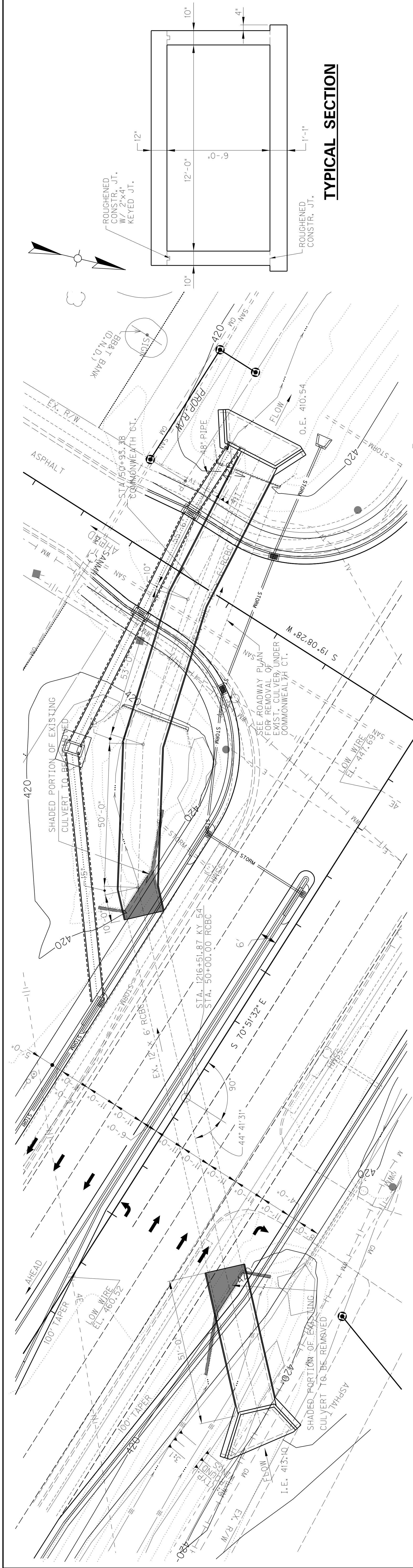
ROUTE: KY 54  
 CROSSING: HORSE FORK  
 DEPARTMENT of Kentucky  
 COUNTY: DAVIESS  
 PREPARED BY: HMB PROFESSIONAL ENGINEERS, INC.  
 SHEET NO. S1  
 DRAWING NO. 27621

**STRUCTURE EXCAVATION**

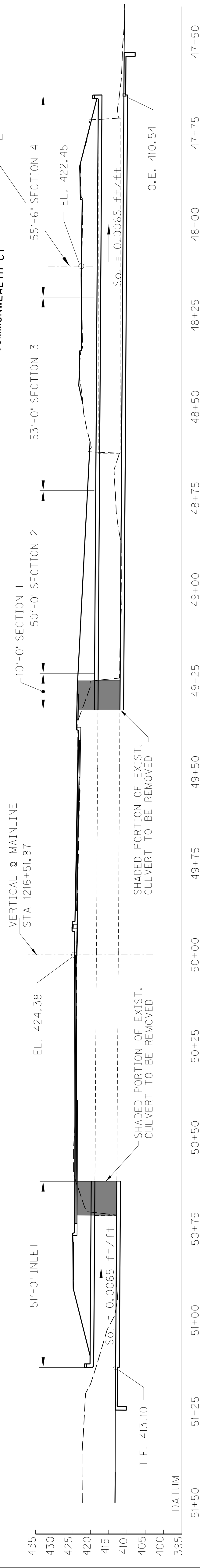
STRUCTURE EXCAVATION SHALL BE PAID IN ACCORDANCE WITH SECTION 206 OF THE SPECIFICATIONS. COFFERDAMS, SHEETING OR SHORING THAT MAY BE NECESSARY FOR CONSTRUCTION OF ANY PHASE OF WORK BUT WHICH NO PAY ITEM IS INCLUDED IN THE CONTRACT FOR THAT ITEM SHALL BE INCIDENTAL TO THE LUMP SUM BID FOR FOUNDATION PREPARATION.

**GEOTECHNICAL**

SEE GEOTECHNICAL REPORTS S-099-2015 & S-103-2015  
 ANY BEDROCK OR BOULDERS ENCOUNTERED WITHIN 2 FEET BELOW THE BOTTOM OF THE CULVERT SLAB MUST BE EXCAVATED AND BACKFILLED WITH PROPERLY COMPACTED SOIL TO THE BASE OF THE SLAB.  
 TEMPORARY SHEETING, SHORING, COFFERDAMS, AND/OR A DEWATERING METHOD MAY BE REQUIRED FOR THE INSTALLATION OF THE CULVERT AND FOOTINGS.  
**FOOTING PRESSURE**  
 FOUNDATION MATERIALS FOR WING FOOTINGS ARE REQUIRED TO RESIST A SERVICE LIMIT STATE MAXIMUM BEARING PRESSURE OF 1.4 KSF FOR THE OUTLET & 2.0 KSF FOR THE INLET AND A STRENGTH LIMIT STATE OF 4.2 KSF FOR THE OUTLET & 6.0 KSF FOR THE INLET ON SOIL.



**PLAN**



**SECTION ALONG & CULVERT**

12'x6' RCBC EXTENSION, 44° 41' 31" SKEW RT.;  
 51' @ INLET & 168'-6" @ OUTLET  
 3:1 MAX. FILL SLOPES - VARYING SHOULDERS - KY HL-93 LOADING  
 5'-0" MAXIMUM FILL HEIGHT - YIELDING FOUNDATION

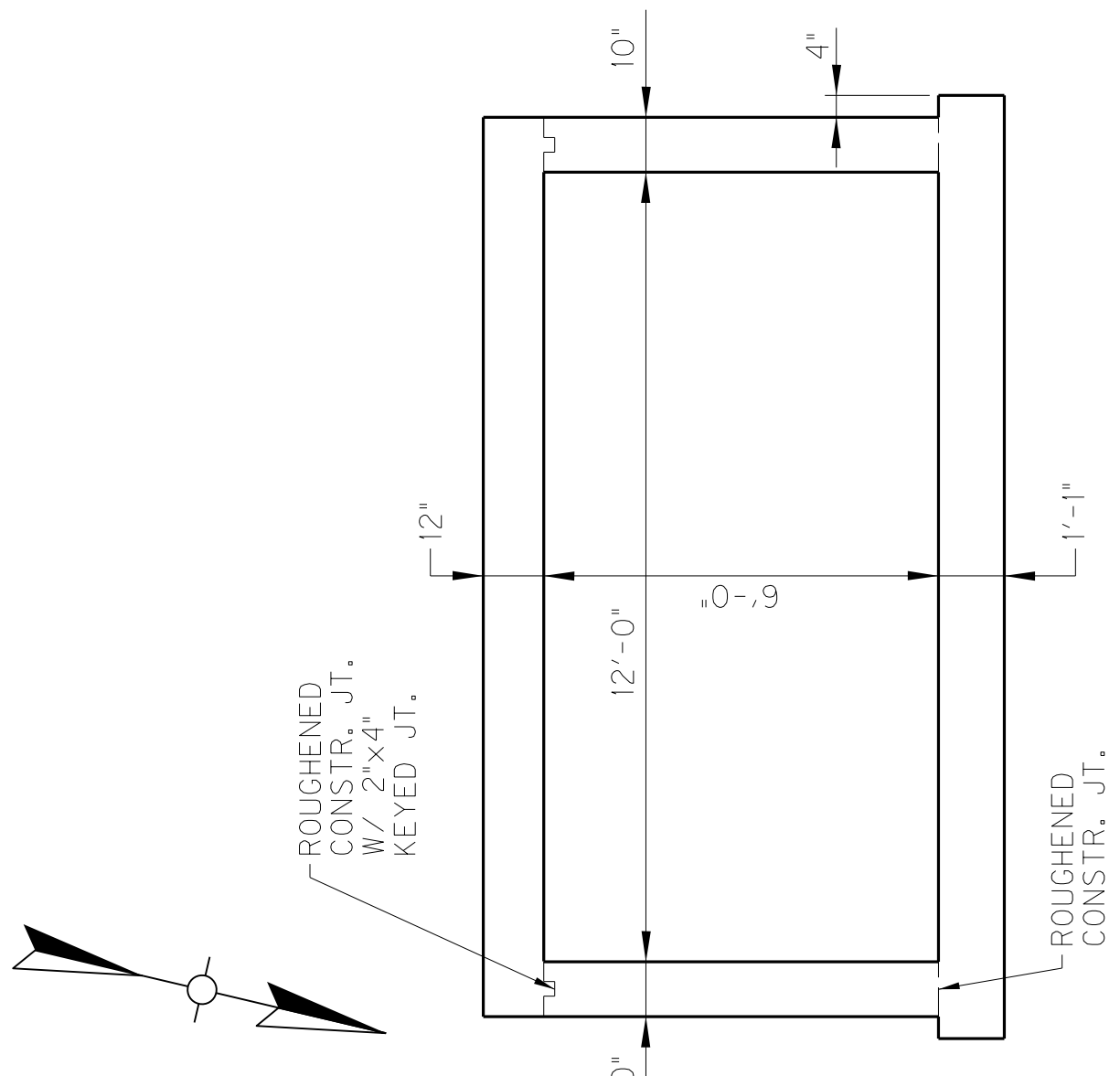
**GENERAL NOTES**

- BONDING NEW CONCRETE TO OLD CONCRETE**  
 ALL NEW CONCRETE SHALL BE BONDED TO THE OLD CONCRETE WITH A TWO-COMPONENT EPOXY RESIN SYSTEM CONFORMING TO SECTION 511 AND 826 OF THE SPECIFICATIONS. THE COST OF THIS WORK, INCLUDING ALL LABOR, TOOLS, AND MATERIALS IS TO BE INCIDENTAL TO THE UNIT PRICE BID FOR CLASS "A" CONCRETE.
- WELDED WIRE FABRIC**  
 WELDED WIRE FABRIC SHALL CONFORM TO SECTION 811 OF THE SPECIFICATIONS. THE COSTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CLASS "A" CONCRETE. APPROXIMATE QUANTITY, 60 S.Y., WWF6x6-DTXD7. REINFORCING BARS #4 AT 12" IN EACH DIRECTION MAY BE USED IN LIEU OF THE WELDED WIRE FABRIC.
- SAWCUTTING CONCRETE**  
 SAWCUT BARREL TO A DEPTH OF 1" PRIOR TO REMOVING EXISTING CONCRETE. COST SHALL BE INCLUDED IN THE UNIT BID FOR REMOVE EXISTING CONCRETE MASONRY.
- BEVELED EDGES**  
 ALL EXPOSED EDGES SHALL BE BEVELED 3/4" UNLESS OTHERWISE NOTED.
- CONSTRUCTION JOINTS**  
 VERTICAL CONSTRUCTION JOINTS SHALL BE LOCATED IN THE FIELD, EXCEPT THAT NO JOINT SHALL BE LOCATED IN THE BARREL WITHIN 6' OF THE ENDS OF THE CULVERT.

**SPECIFICATIONS**

- REFERENCES TO THE STANDARD SPECIFICATIONS ARE TO THE CURRENT KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, WITH CURRENT SUPPLEMENTAL SPECIFICATIONS. REFERENCES TO AASHTO SPECIFICATIONS ARE TO THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, CURRENT EDITION WITH INTERIM REVISIONS.
- DESIGN LOAD**  
 THIS STRUCTURE IS DESIGNED FOR HL-93 LIVE LOAD INCREASED 25%.
- WEIGHT OF FILL MATERIAL**  
 THE ASSUMED WEIGHT OF FILL MATERIAL IS 120 LBS PER CUBIC FOOT.
- DESIGN STRESSES**  
 F<sub>y</sub> = 60,000 psi  
 f'<sub>c</sub> = 3,500 psi
- CONCRETE**  
 CLASS "A" CONCRETE SHALL BE USED THROUGHOUT.
- REINFORCEMENT**  
 DIMENSIONS SHOWN FROM THE FACE OF CONCRETE TO BARS ARE CLEAR DISTANCES UNLESS OTHERWISE SHOWN. SPACING OF BARS IS FROM CENTER TO CENTER.
- MASONRY COATING**  
 MASONRY COATING WILL NOT BE REQUIRED FOR THIS STRUCTURE.

**TYPICAL SECTION**



**REFERENCES**

- STANDARD DRAWINGS**  
 BCX-006-09 STENCILS FOR STRUCTURES  
 BCX-012-02 GEOTECHNICAL LEGEND
- EXISTING CULVERT**  
 EXISTING CULVERT DWG. # 21356

**SPECIFICATIONS**

- 2019 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
- 2017 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

BID ITEM NO.	ITEM	QUAN	UNIT
8500	STEEL REINFORCEMENT	24.63	LBS
8003	FOUNDATION PREPARATION	50.0	C.Y.
2403	REMOVE CONCRETE MASONRY	50.0	C.Y.

STATE OF KENTUCKY  
 WILLIAM H. MCKINNEY  
 12928  
 LICENSED PROFESSIONAL ENGINEER

WILLIAM H. MCKINNEY, P.E.  
 KY NO. 12928

DATE: DECEMBER, 2019  
 DESIGNED BY: BTP  
 CHECKED BY: WHM  
 DETAILED BY: LGR  
 DCK

DEPARTMENT of Kentucky  
 COUNTY  
**DAVISS**

ROUTE  
 KY 54  
 HORSE FORK  
 CROSSING  
 12' x 6' RCBC STA 1216 + 51.87

PREPARED BY  
**HMB PROFESSIONAL ENGINEERS, INC.**

ITEM NUMBER  
**2-8300.10**

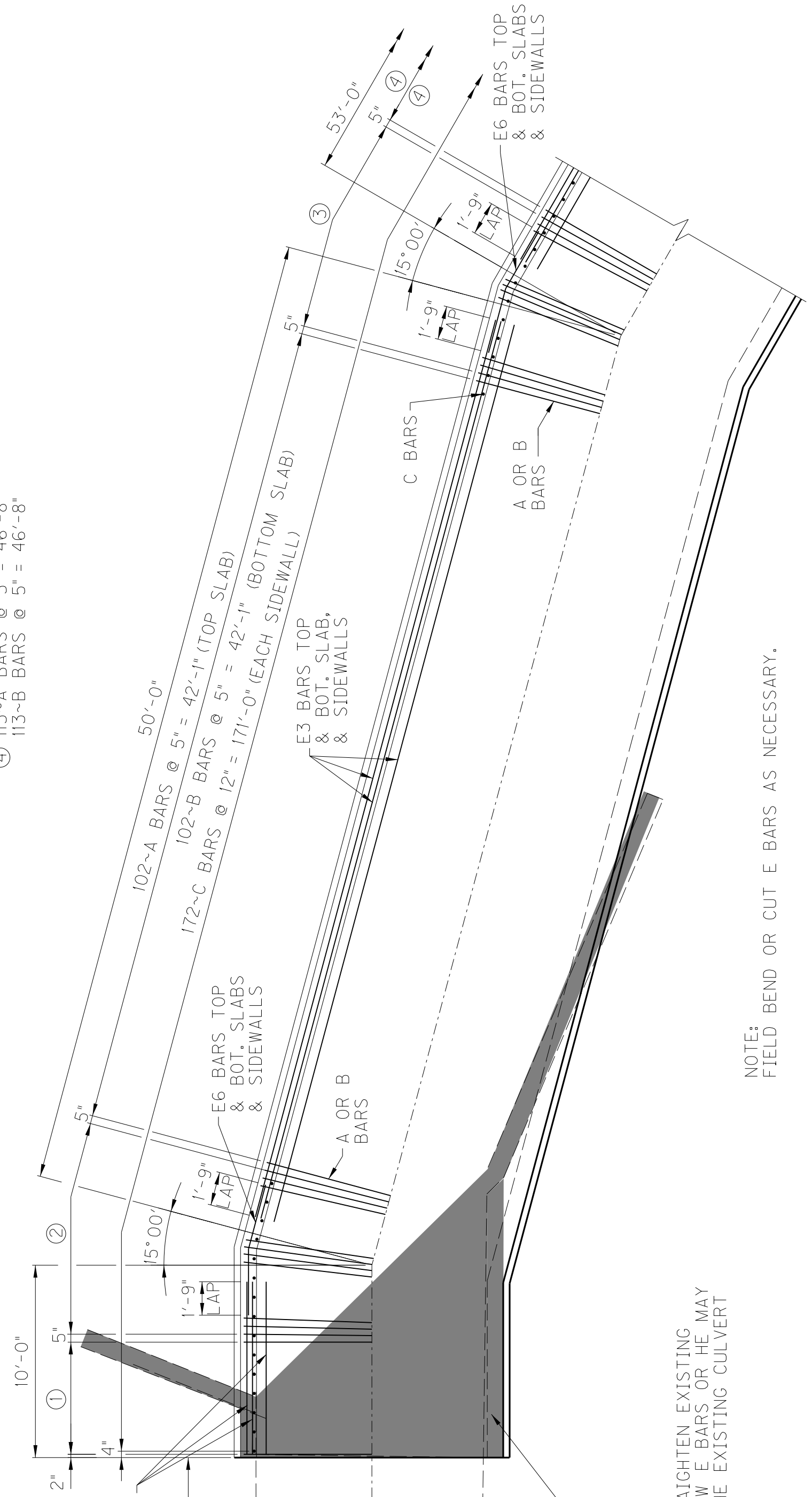
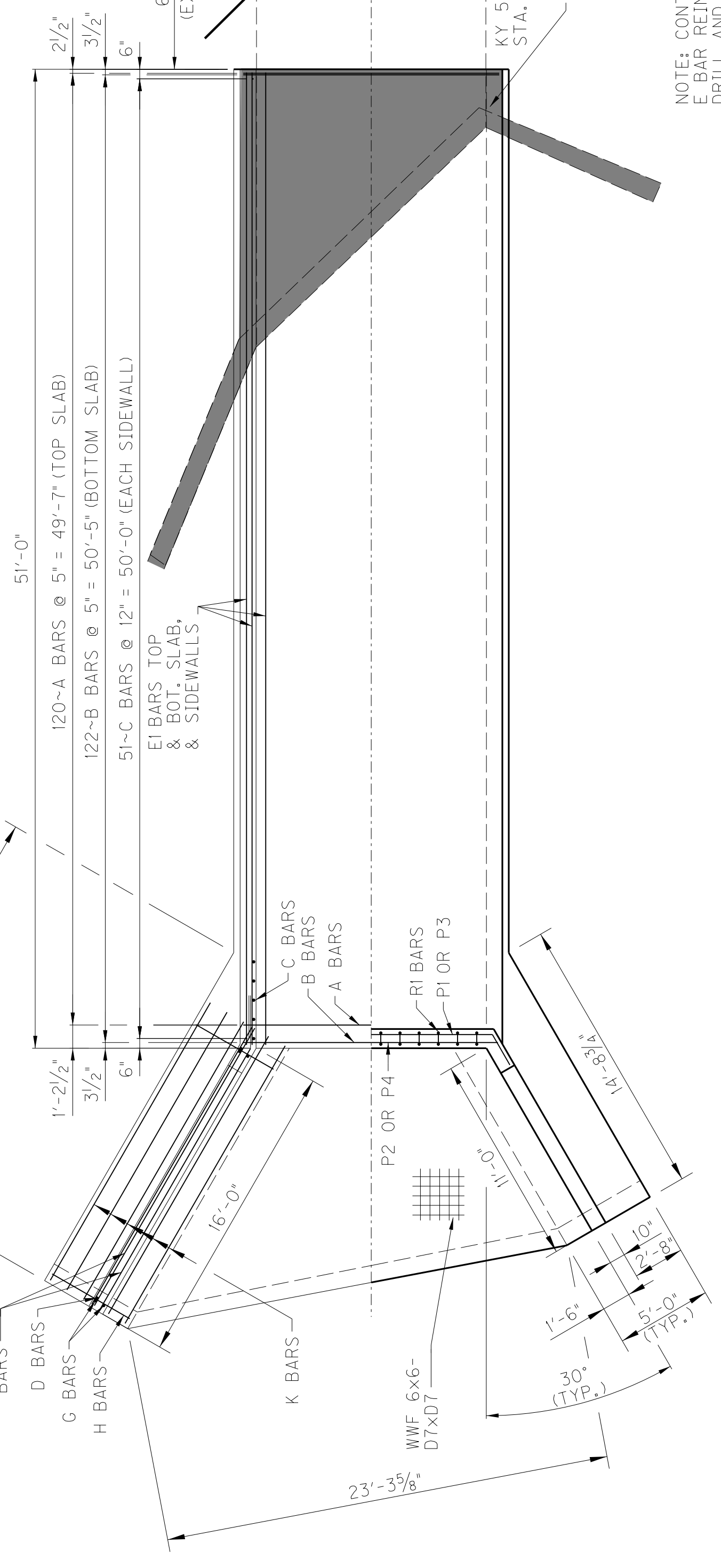
SHEET NO.  
**S1**

DRAWING NO.  
**27621**



- ① 15-A BARS @ 5" = 5'-10"
- 15-B BARS @ 5" = 5'-10"
- ② 22-A BARS @ 5" THIS SIDE, EO. SPA. OTHER SIDE
- 22-B BARS @ 5" THIS SIDE, EO. SPA. OTHER SIDE.
- ③ 23-A BARS @ 5" THIS SIDE, EO. SPA. OTHER SIDE.
- 23-B BARS @ 5" THIS SIDE, EO. SPA. OTHER SIDE.
- ④ 113-A BARS @ 5" = 46'-8"
- 113-B BARS @ 5" = 46'-8"

### PART SECTION

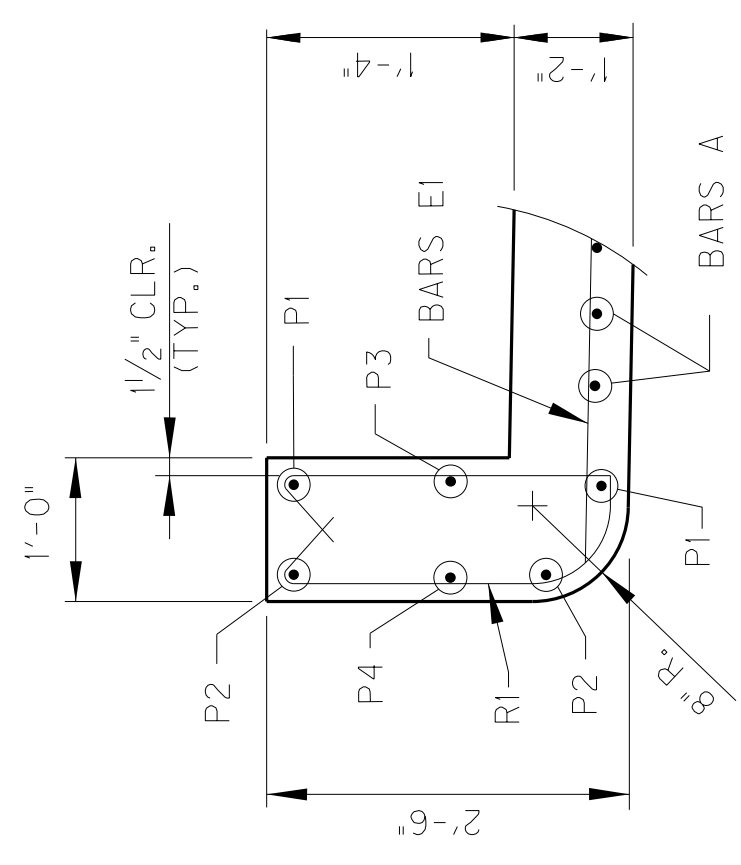
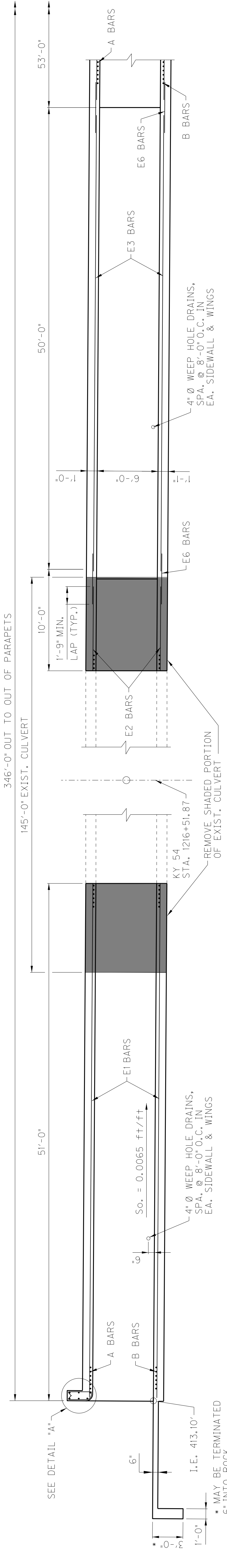


### PART PLAN

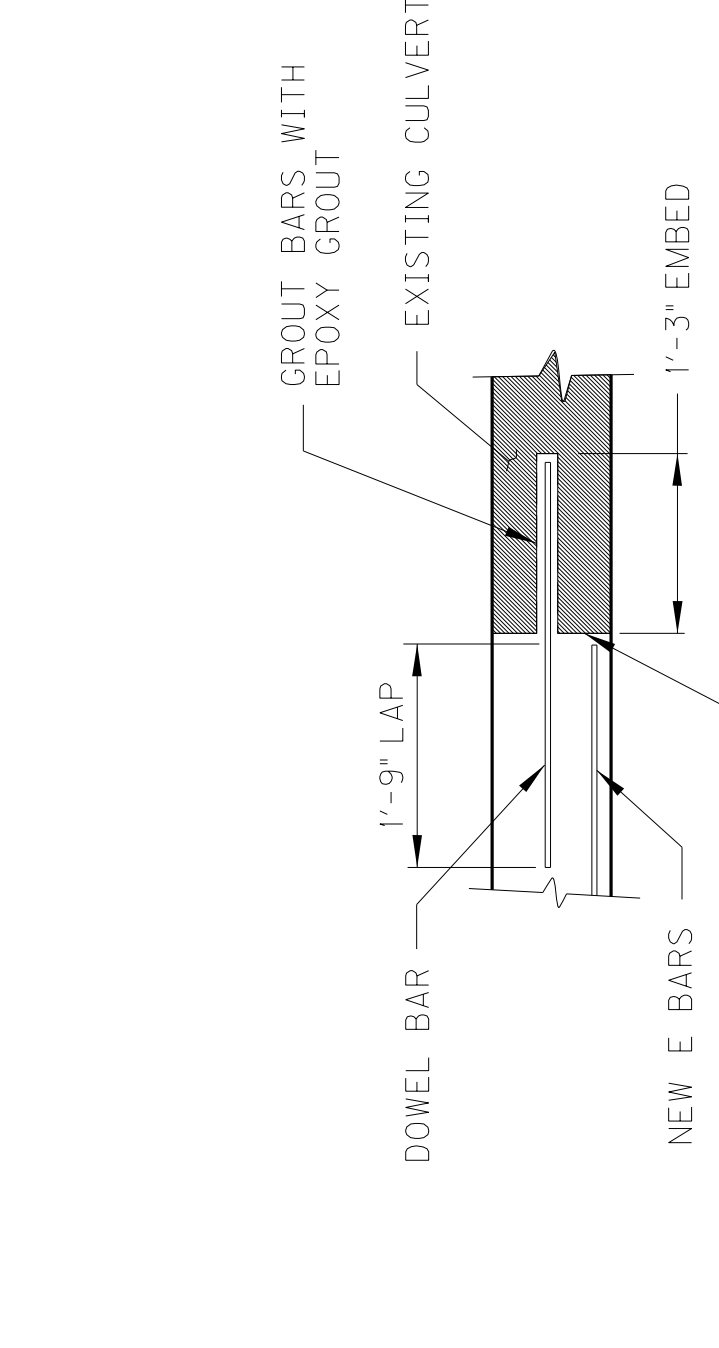
NOTE: CONTRACTOR MAY CLEAN AND STRAIGHTEN EXISTING E BAR REINFORCING TO LAP (1'-9") TO NEW E BARS OR HE MAY DRILL AND GROUT DOWELS BARS INTO THE EXISTING CULVERT AT NO EXTRA EXPENSE TO THE CABINET.

NOTE: FIELD BEND OR CUT E BARS AS NECESSARY.

### SECTION ALONG CULVERT

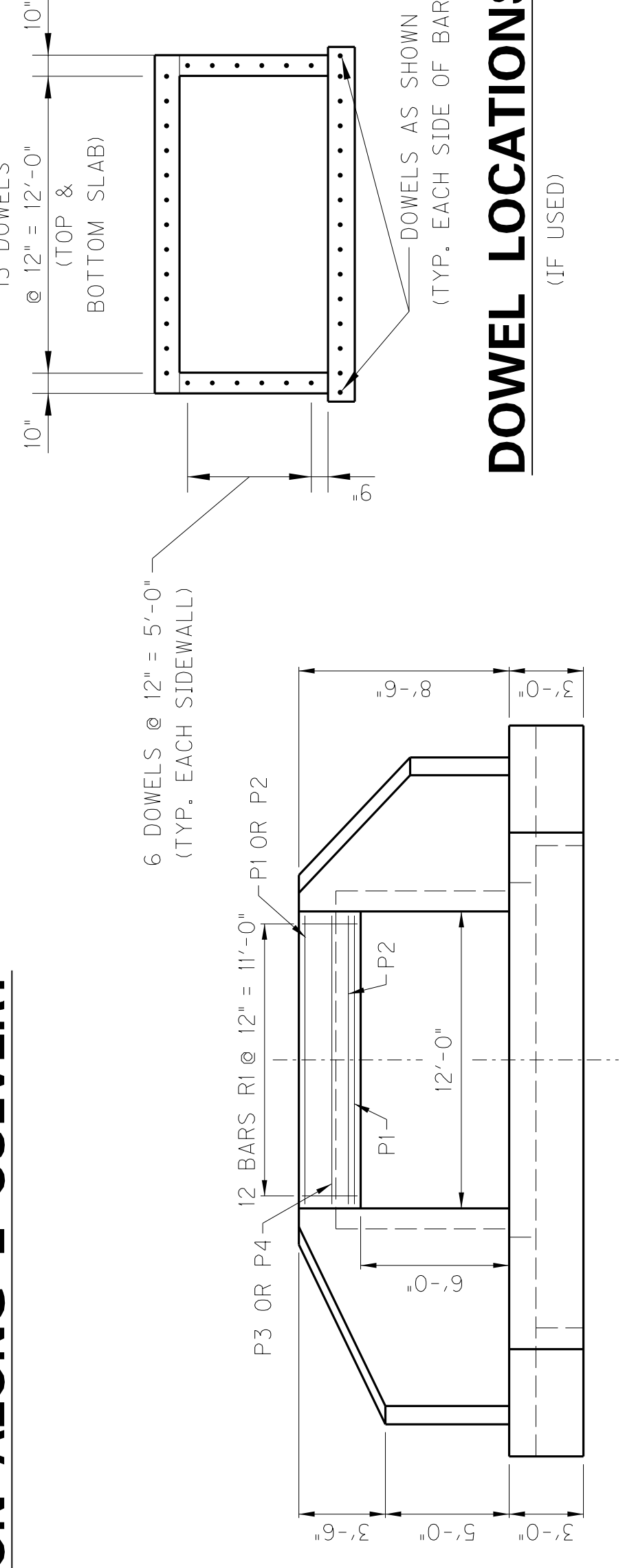


### DETAIL "A"



### DOWEL DETAILS

(IF USED)



### DOWEL LOCATIONS

(IF USED)

### END ELEVATION

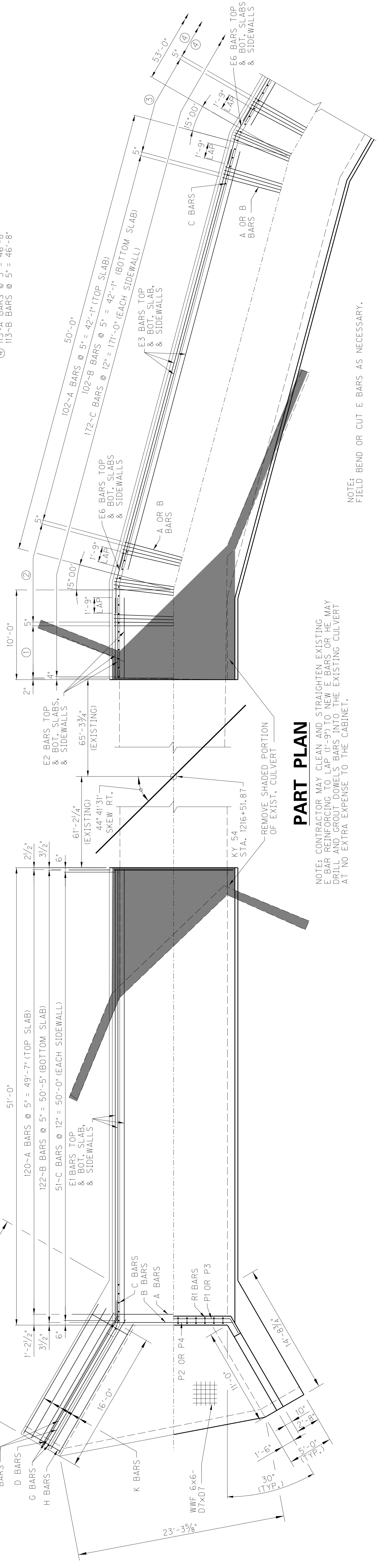
ITEM NUMBER

2-8300.10

REVISION	DATE	CHECKED BY
DESIGNED BY: BTP		WHM
DETAILED BY: LGR		DCK
<b>Commonwealth of Kentucky</b> <b>DEPARTMENT OF HIGHWAYS</b> COUNTY <b>DAVIESS</b>		
ROUTE KY 54	CROSSING HORSE FORK	
PREPARED BY <b>HMB PROFESSIONAL ENGINEERS, INC.</b>		
PROJECT NO. <b>12' x 6' RCBC STA 1216+51.87</b>		
SHEET NO. <b>S2</b>		
DRAWING NO. <b>27621</b>		

- ① 15~A BARS @ 5" = 5'-10"
- 15~B BARS @ 5" = 5'-10"
- ② 22~A BARS @ 5" THIS SIDE, EO. SPA. OTHER SIDE
- 22~B BARS @ 5" THIS SIDE, EO. SPA. OTHER SIDE.
- ③ 23~A BARS @ 5" THIS SIDE, EO. SPA. OTHER SIDE.
- 23~B BARS @ 5" THIS SIDE, EO. SPA. OTHER SIDE.
- ④ 113~A BARS @ 5" = 46'-8"
- 113~B BARS @ 5" = 46'-8"

### PART SECTION

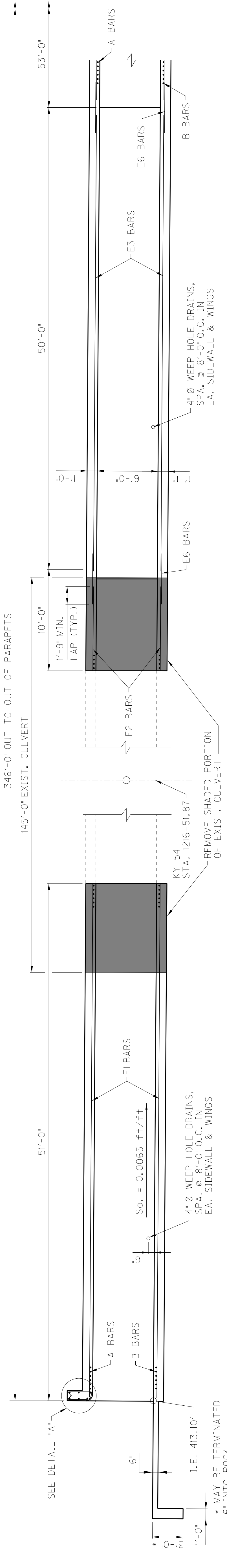


NOTE: CONTRACTOR MAY CLEAN AND STRAIGHTEN EXISTING E BAR REINFORCING TO LAP (1'-9") TO NEW E BARS OR HE MAY DRILL AND GROUT DOWELS BARS INTO THE EXISTING CULVERT AT NO EXTRA EXPENSE TO THE CABINET.

NOTE: FIELD BEND OR CUT E BARS AS NECESSARY.

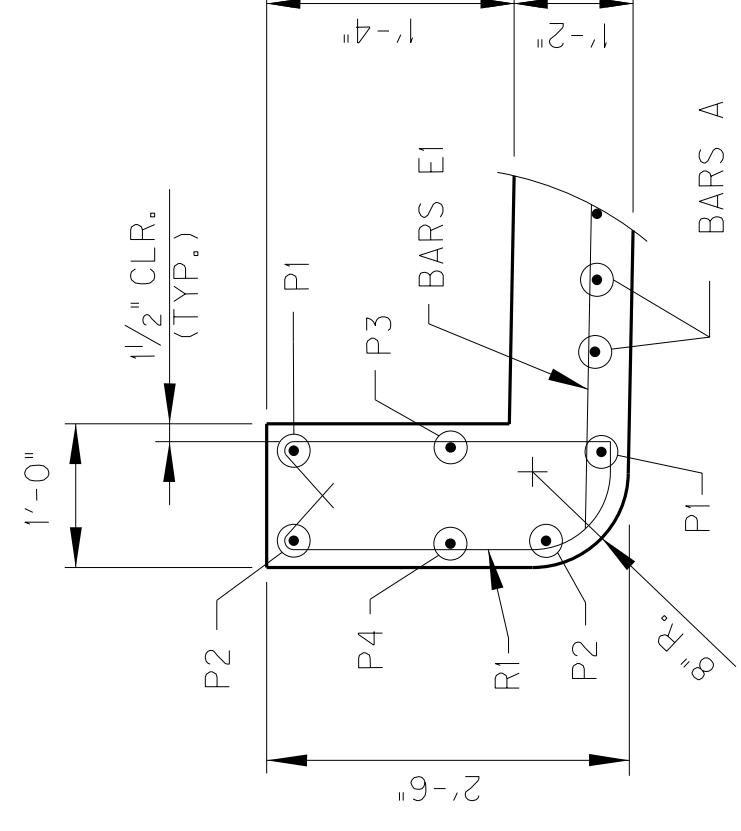
### PART PLAN

### SECTION ALONG CULVERT

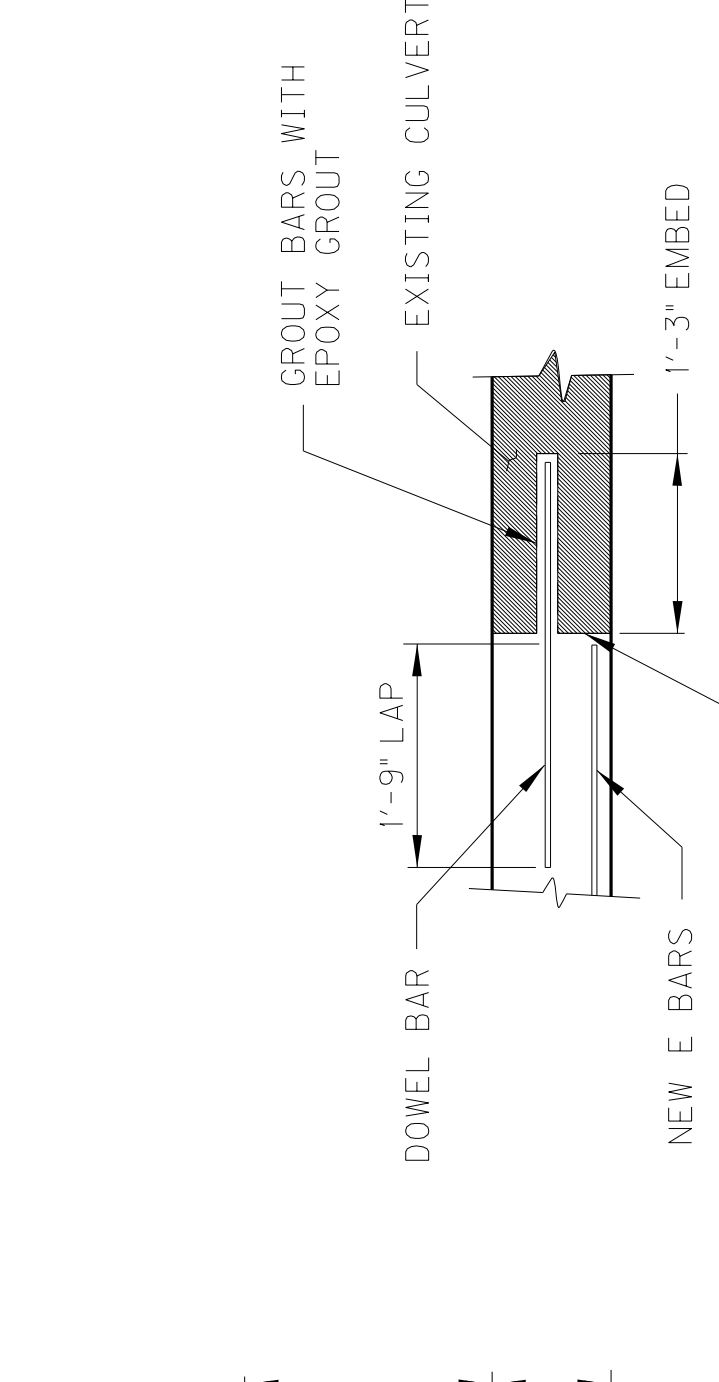


4" Ø WEEP HOLE DRAINS, SPA. @ 8'-0" O.C. IN EA. SIDEWALL & WINGS

1. E. 413.10' \* MAY BE TERMINATED 6" INTO ROCK

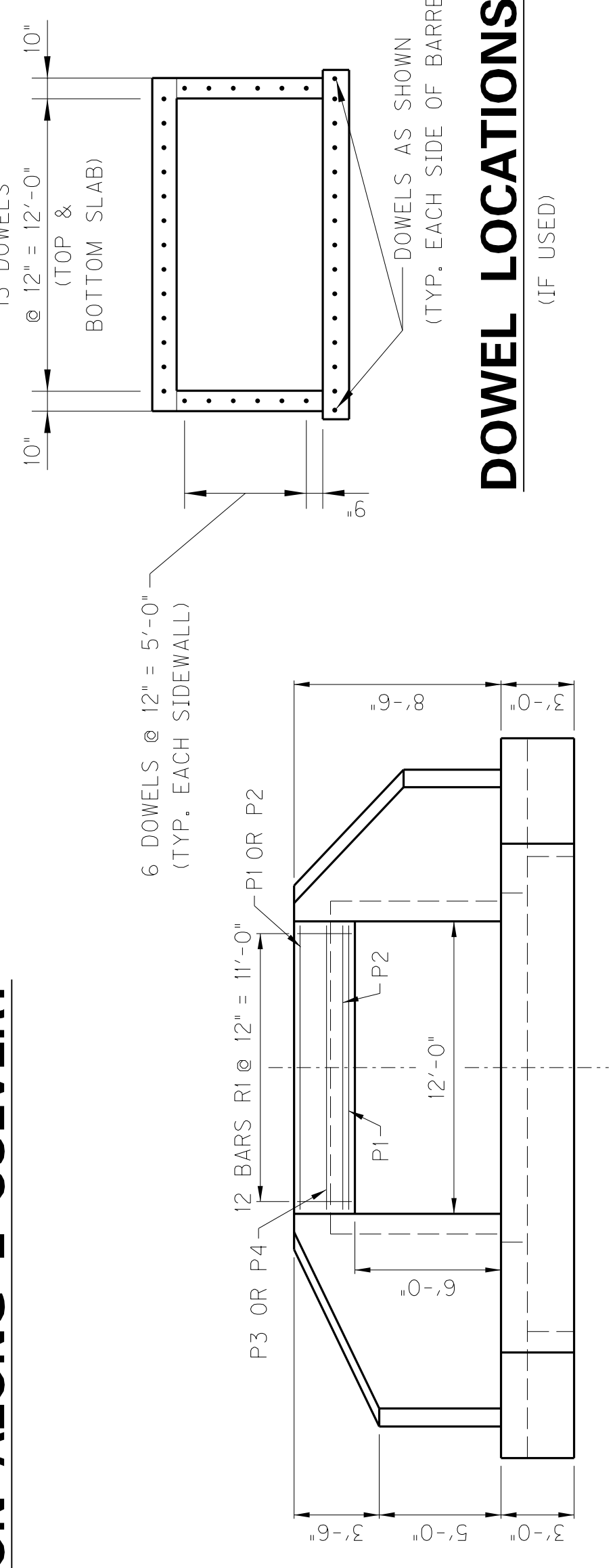


### DETAIL "A"



### DOWEL DETAILS

APPLY EPOXY BONDING MATERIAL BEFORE PLACING NEW CONCRETE (IF USED)



### DOWEL LOCATIONS

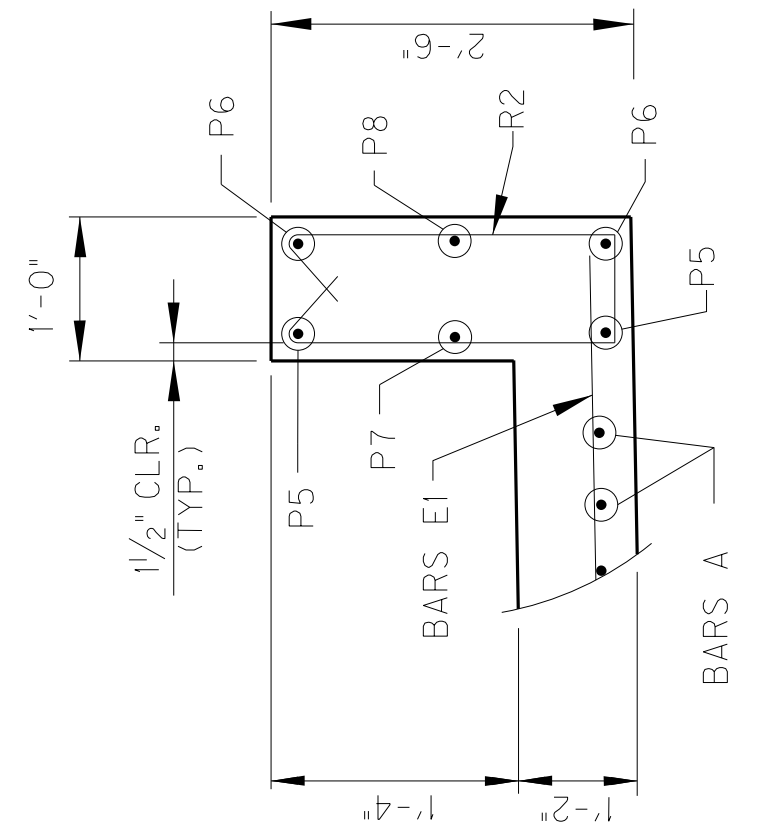
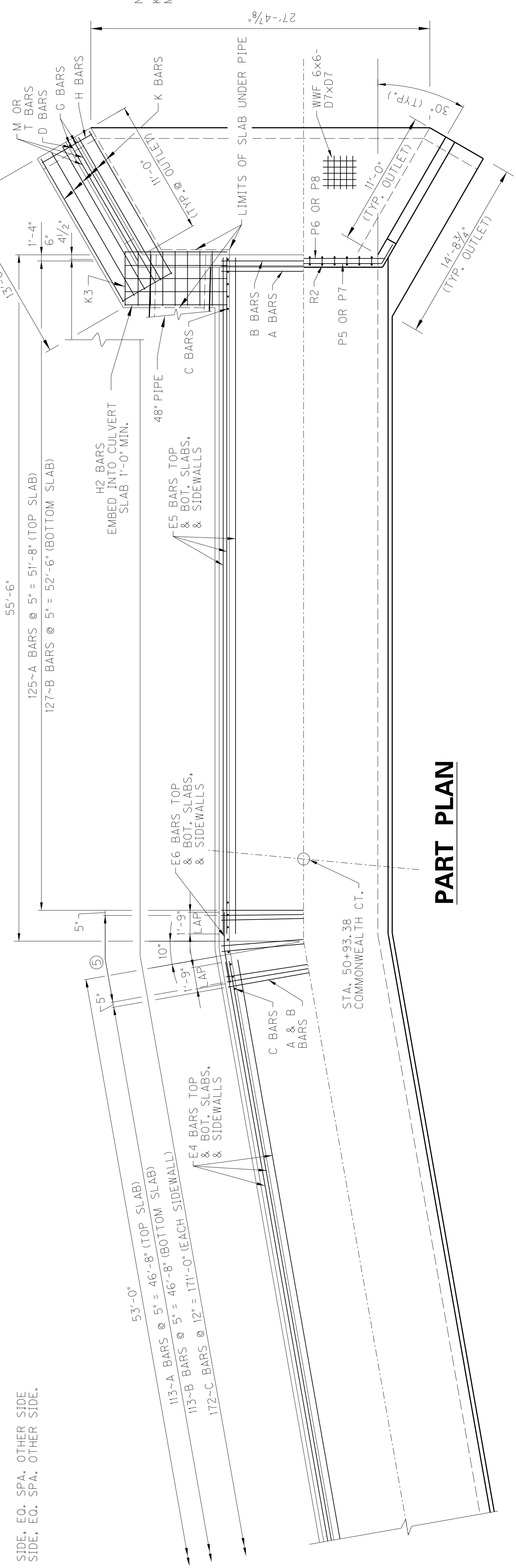
(IF USED)

### END ELEVATION

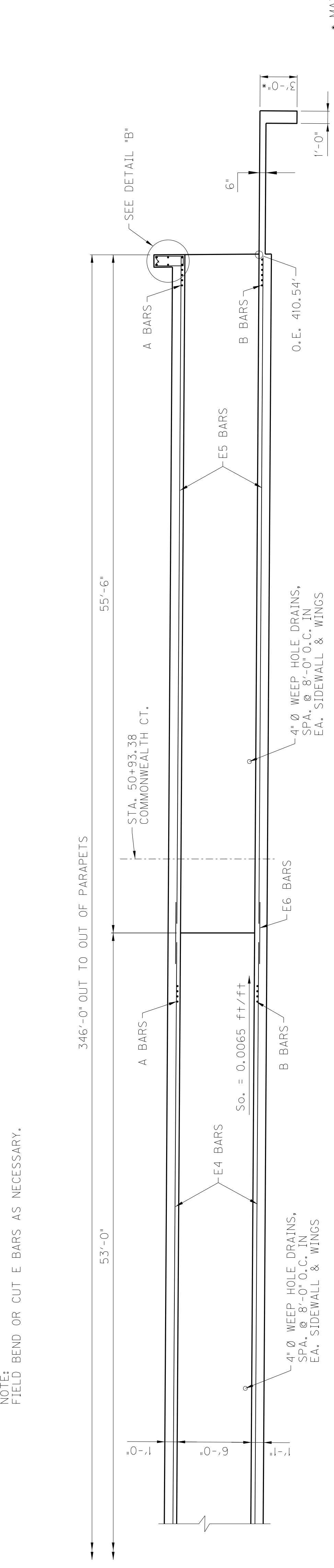
REVISION	DATE	CHECKED BY
DESIGNED BY: BTP	DECEMBER, 2019	WHM
DETAILED BY: LGR		DKK
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS COUNTY <b>DAVIESS</b>		
ROUTE KY 54	CROSSING HORSE FORK	
PREPARED BY <b>HMB PROFESSIONAL ENGINEERS, INC.</b>		
12' x 6' RCBC STA 1216+51.87		
SHEET NO.	DRAWING NO.	
S2	27621	

ITEM NUMBER  
**2-8300.10**

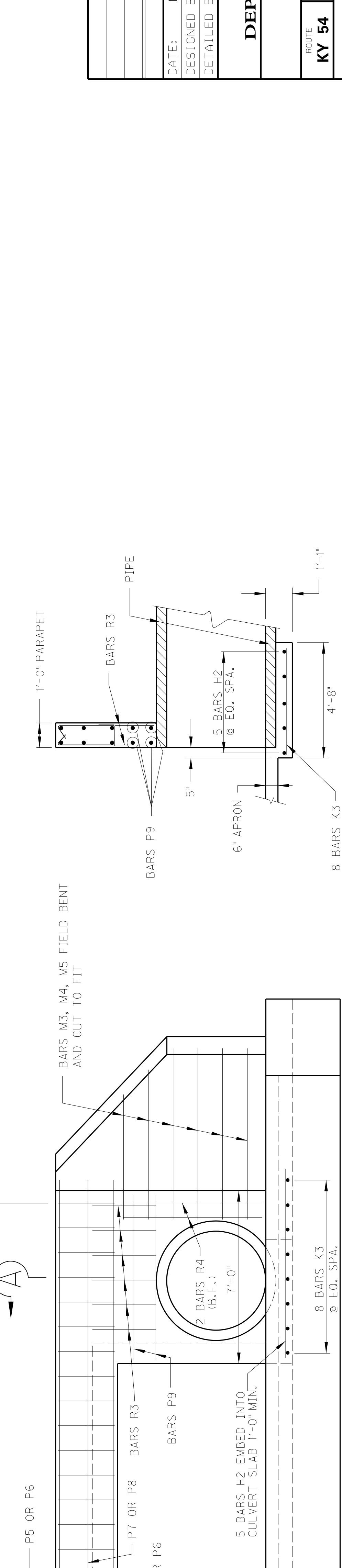
**PART SECTION**



**PART PLAN**



**SECTION ALONG & CULVERT**



**END ELEVATION**

**SECTION A-A**

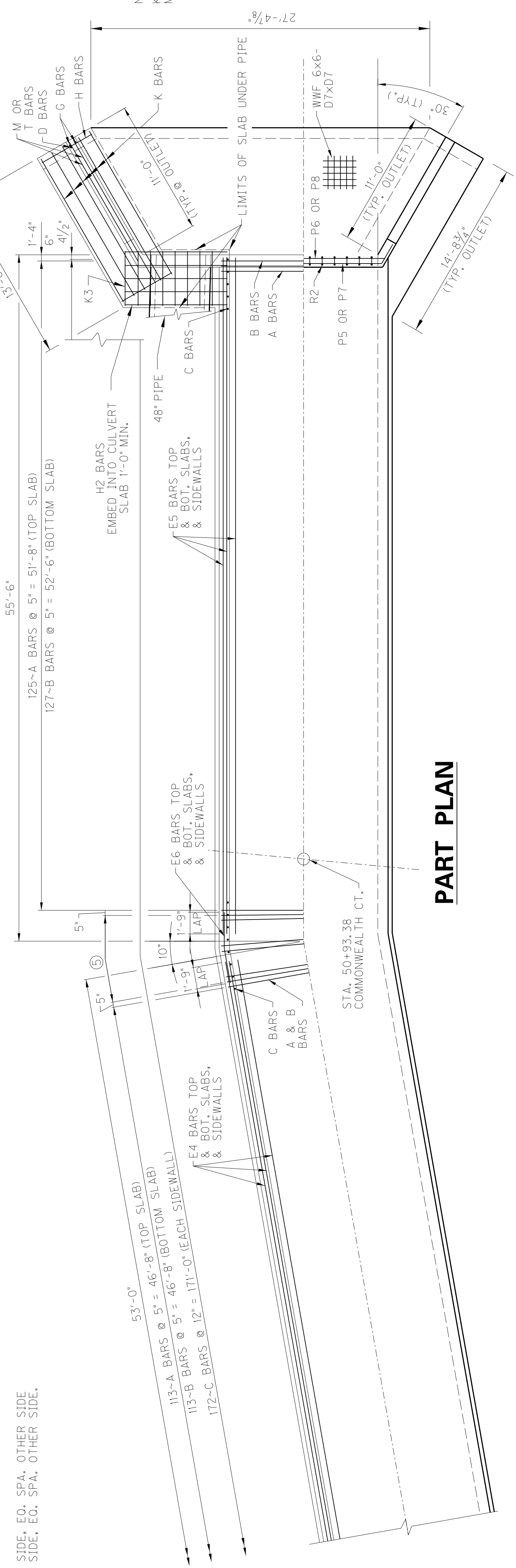


\* MAY BE TERMINATED  
6" INTO ROCK

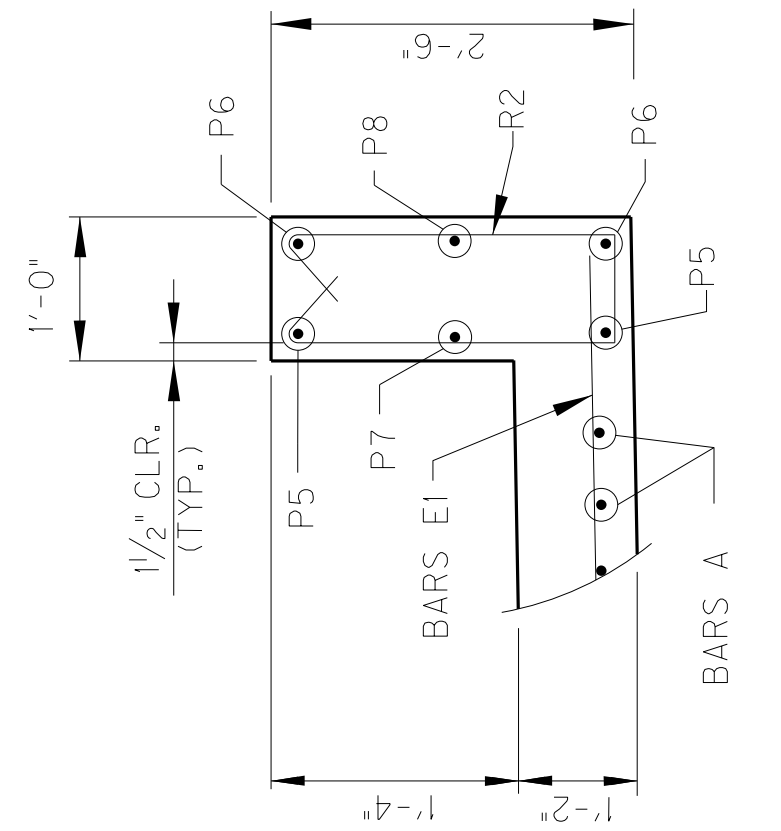
NOTE:  
K1 BARS IN THE TOP OF THE WING FOOTING  
MAY BE FIELD CUT OR BENT TO AVOID PIPE

REVISION	DATE	CHECKED BY
DECEMBER, 2019		WHM
DESIGNED BY: BTP		WHM
DETAILED BY: LGR		DCK
<b>Commonwealth of Kentucky</b> <b>DEPARTMENT OF HIGHWAYS</b> COUNTY		
<b>DAVISS</b>		
ROUTE	CROSSING	
KY 54	HORSE FORK	
PREPARED BY <b>HMB PROFESSIONAL ENGINEERS, INC.</b>		
12' x 6' RCBC STA 1216 + 51.87		
ITEM NUMBER	SHEET NO.	DRAWING NO.
2-8300.10	S3	27621

# PART SECTION



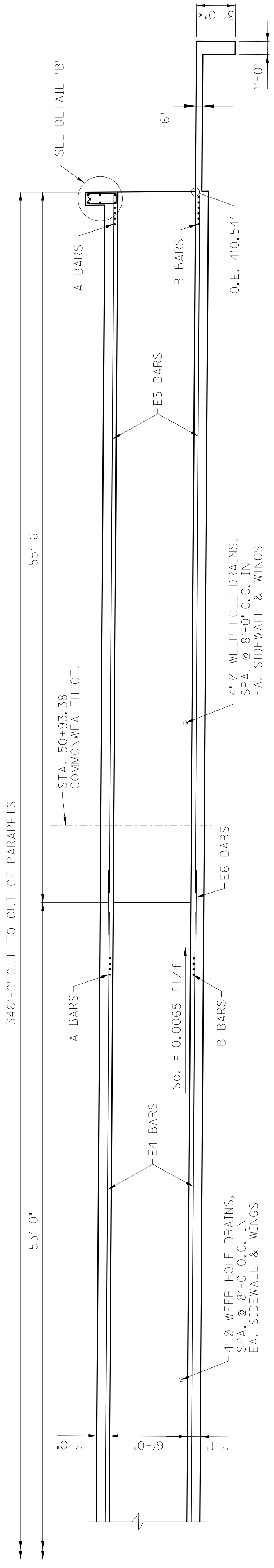
NOTE:  
K1 BARS IN THE TOP OF THE WING FOOTING  
MAY BE FIELD CUT OR BENT TO AVOID PIPE



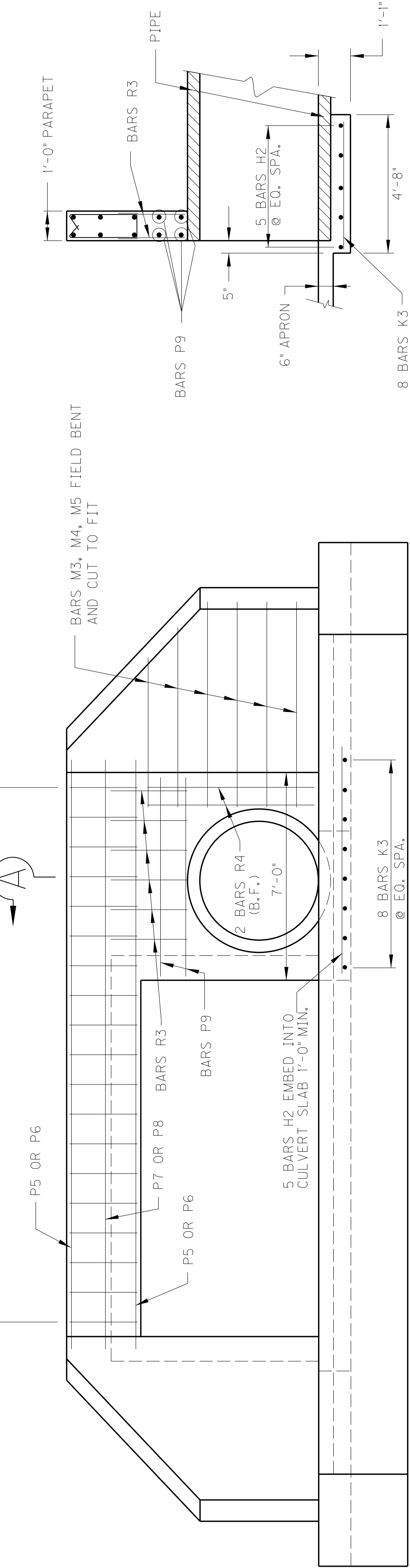
## DETAIL "B"

# PART PLAN

NOTE:  
FIELD BEND OR CUT E BARS AS NECESSARY.



# SECTION ALONG & CULVERT



## END ELEVATION

## SECTION A-A

ITEM NUMBER  
**2-8300.10**

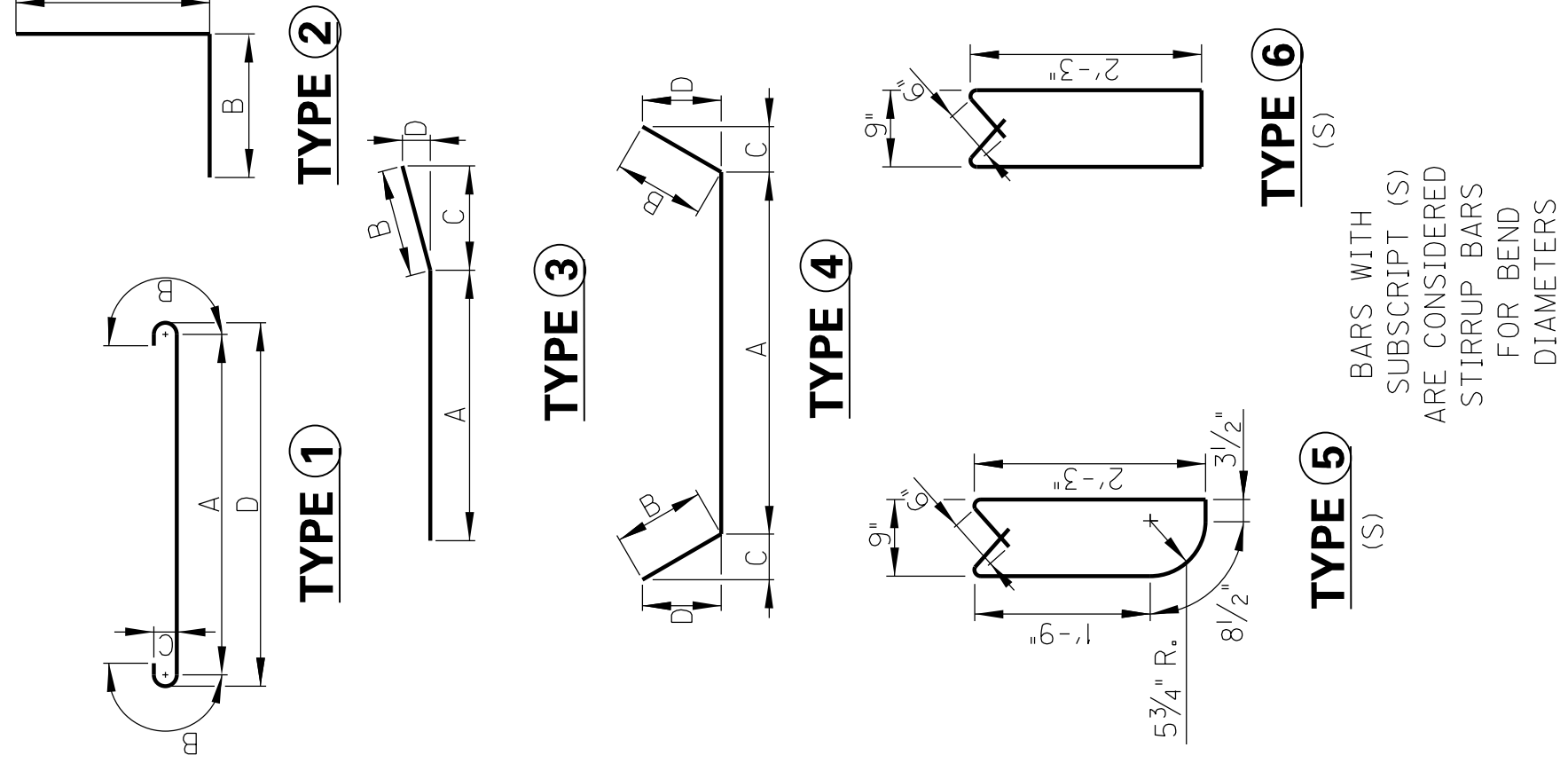
\* MAY BE TERMINATED  
6" INTO ROCK

REVISION	DATE	CHECKED BY
DECEMBER, 2019	BTP	WHM
DESIGNED BY:	LGR	DCK
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS COUNTY <b>DAVISS</b> CROSSING <b>HORSE FORK</b> ROUTE <b>KY 54</b> PREPARED BY <b>HMB PROFESSIONAL ENGINEERS, INC.</b> 12' x 6' RCBC STA 1216 + 51.87 SHEET NO. <b>S3</b> DRAWING NO. <b>27621</b>		

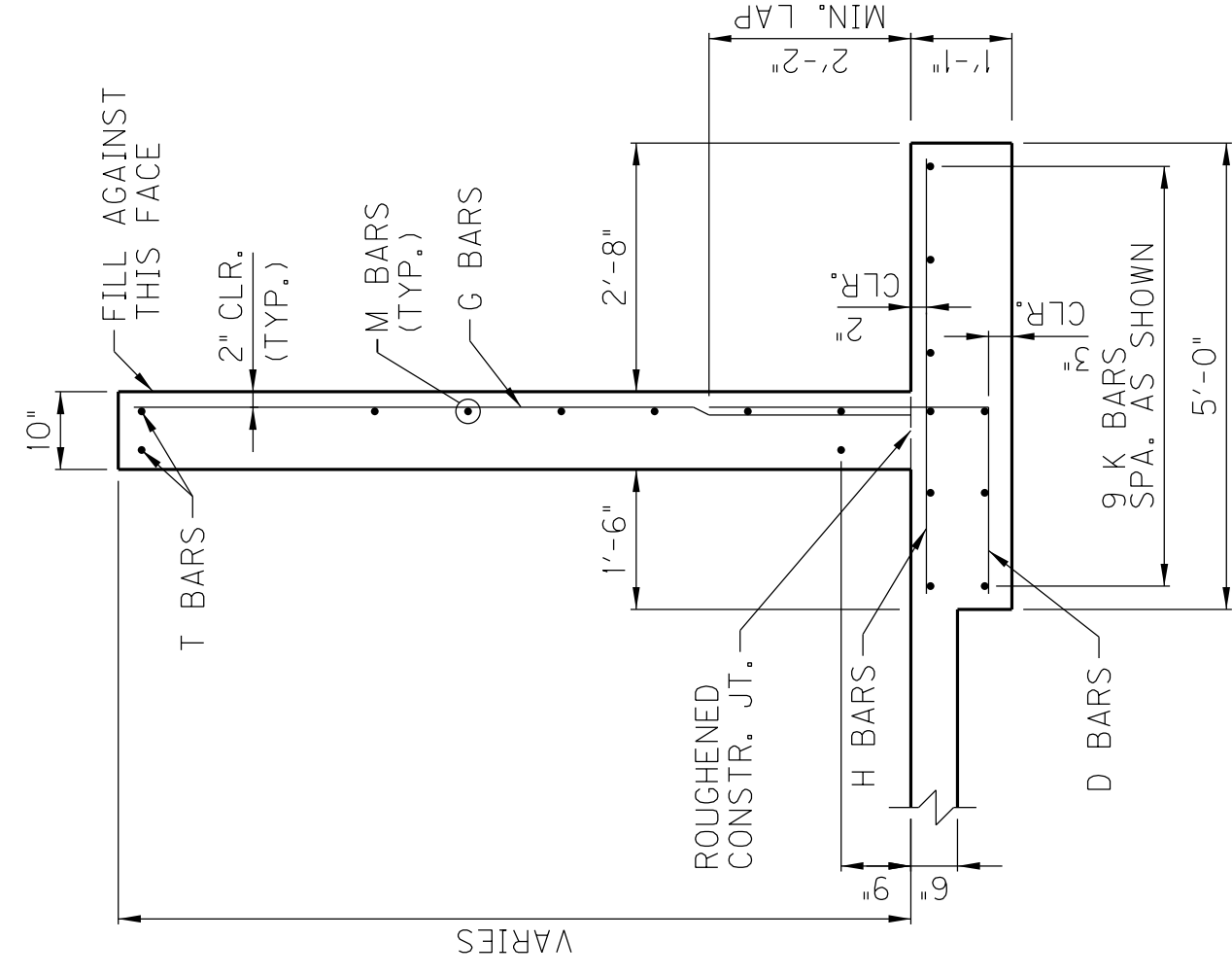
# BILL OF REINFORCEMENT

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B	①	538	#7	15	11	13	5	1	3	0	7	14	0
C	STR	446	#4	7	9								
D	②	49	#5	5	0								
E1	STR	39	#4	50	8								
E2	STR	39	#4	9	0								
E3	STR	39	#4	48	4								
E4	STR	39	#4	51	7								
E5	STR	39	#4	54	8								
E6	STR	117	#4	7	0								
G1	STR	2	#5	4	11								
G2	STR	2	#5	5	5								
G3	STR	2	#5	5	11								
G4	STR	2	#5	6	4								
G5	STR	2	#5	6	10								
G6	STR	2	#5	7	4								
G7	STR	2	#5	7	10								
G8	STR	2	#5	8	4								
G9	STR	6	#5	4	0								
G10	STR	6	#5	5	0								
G11	STR	6	#5	5	11								
G12	STR	6	#5	6	10								
G13	STR	9	#5	7	10								
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H2	STR	5	#4	8	6								
K1	STR	9	#4	17	6								
K2	STR	27	#4	12	6								
K3	STR	8	#4	4	4								
M1	③	5	#4	18	4								
M2	③	1	#4	14	11								
M3	③	12	#4	13	4								
M4	③	3	#4	11	9								
M5	③	3	#4	9	8								
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P7	④	1	#5	23	4								
P8	STR	1	#5	20	0								
P9	STR	4	#5	6	8								
R1	⑤	12	#5	6	0								
R2	⑥	19	#5	6	3								
R3	STR	12	#4	2	9								
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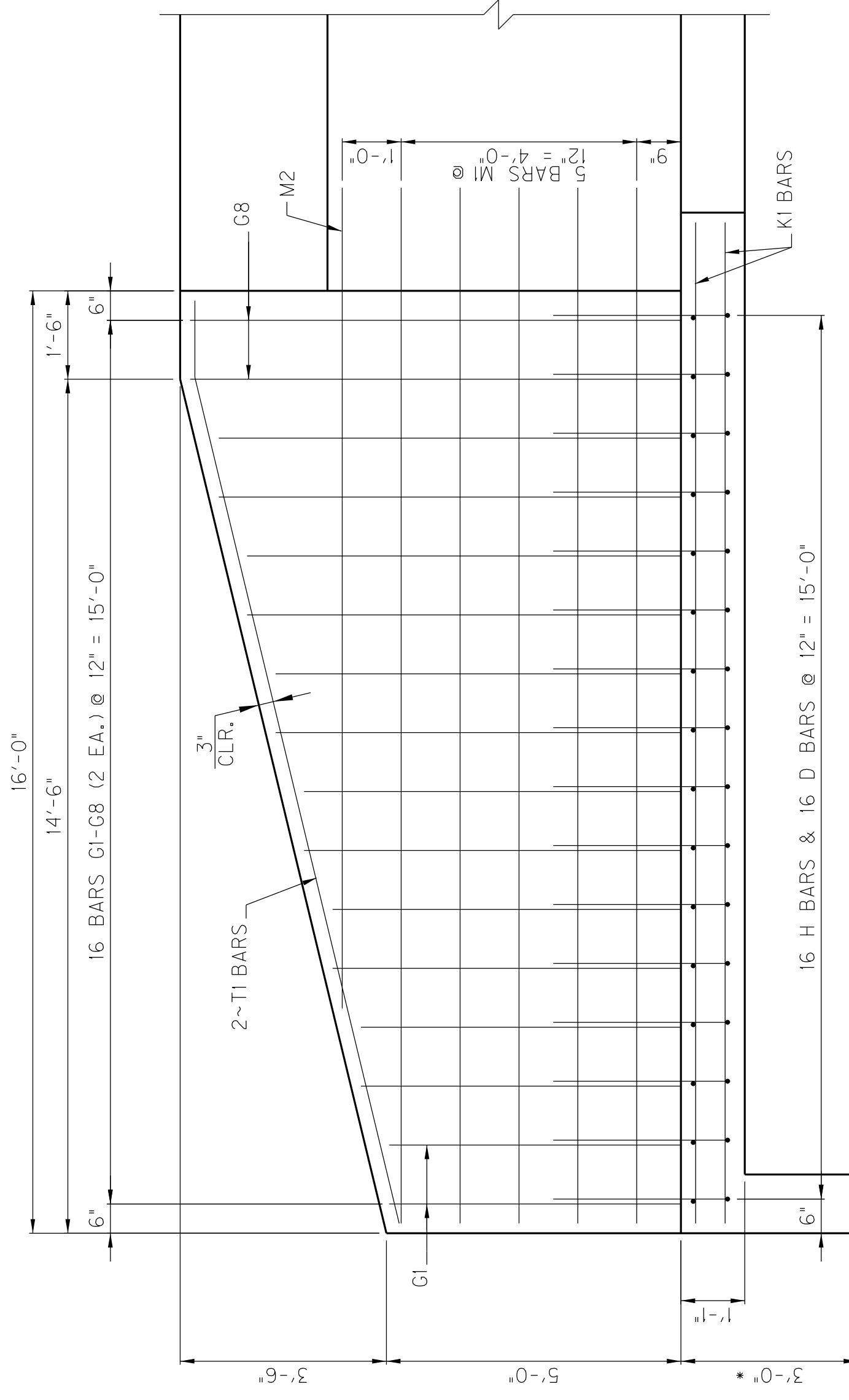
## BAR TYPES



## WING SECTION

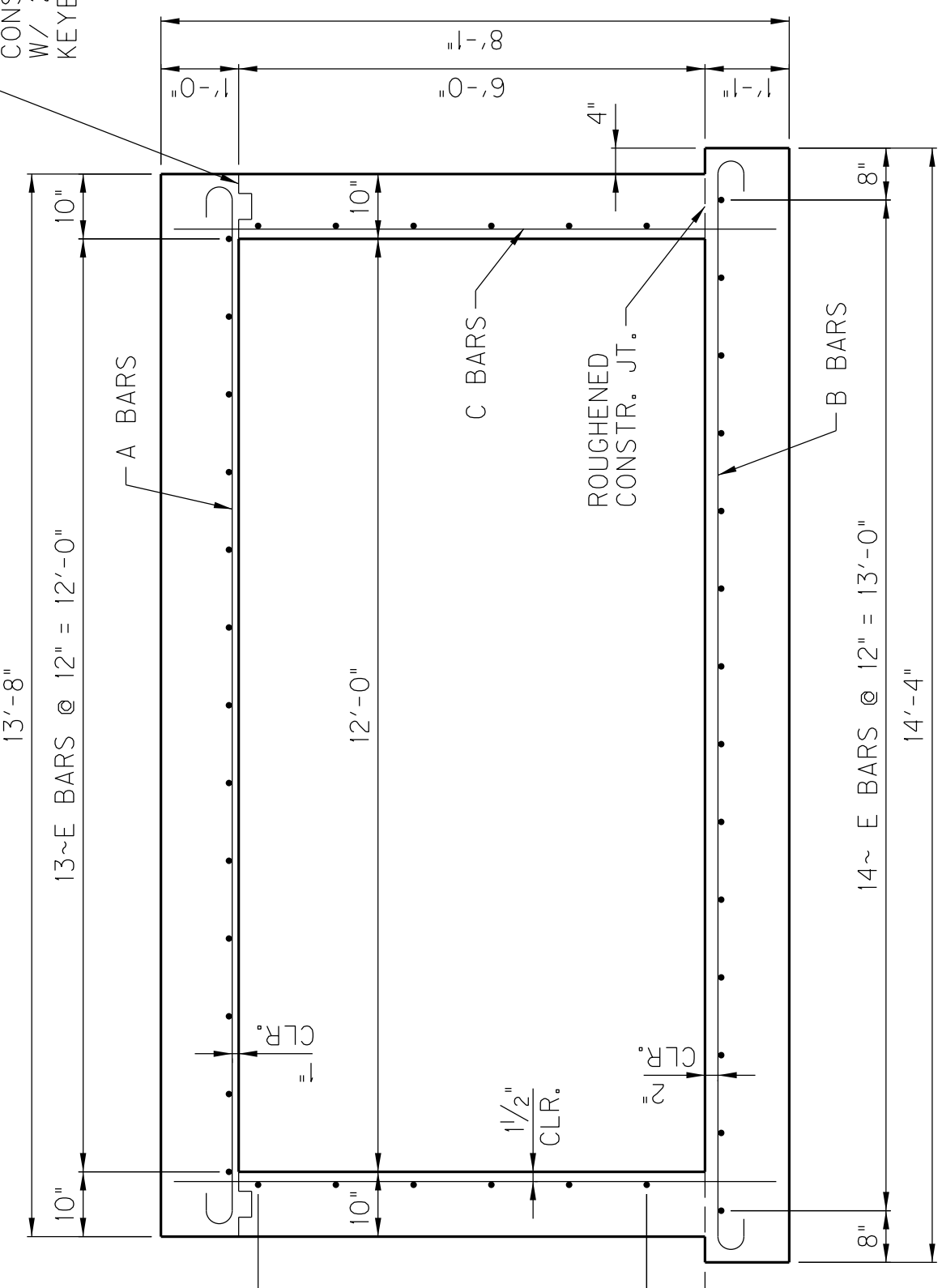


## LONG WING ELEVATION



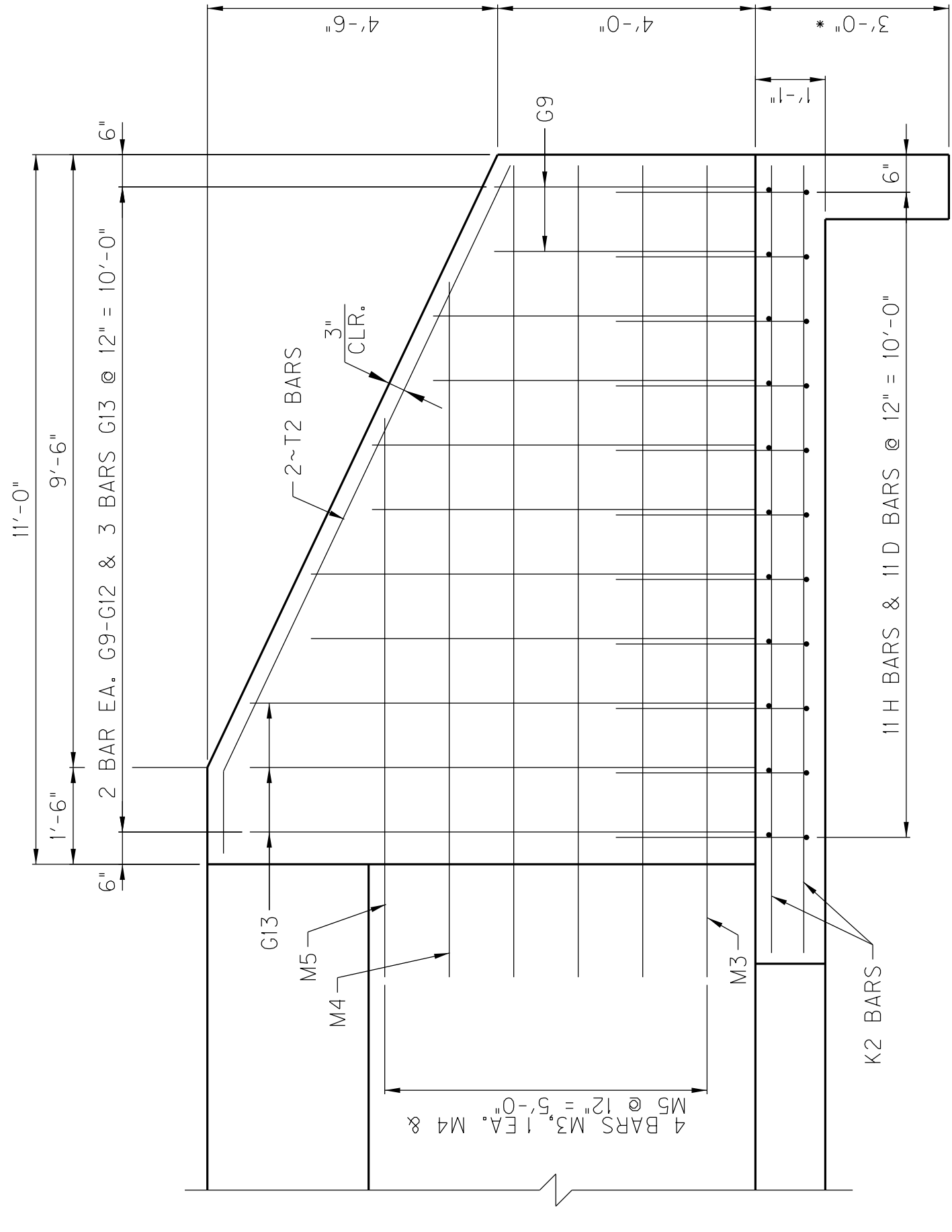
\* APRON MAY BE TERMINATED 6\"/>

ROUGHENED CONSTR., JT. W/ 2\"/>



## TYPICAL SECTION THRU BARREL

## SHORT WING ELEVATION



\* APRON MAY BE TERMINATED 6\"/>

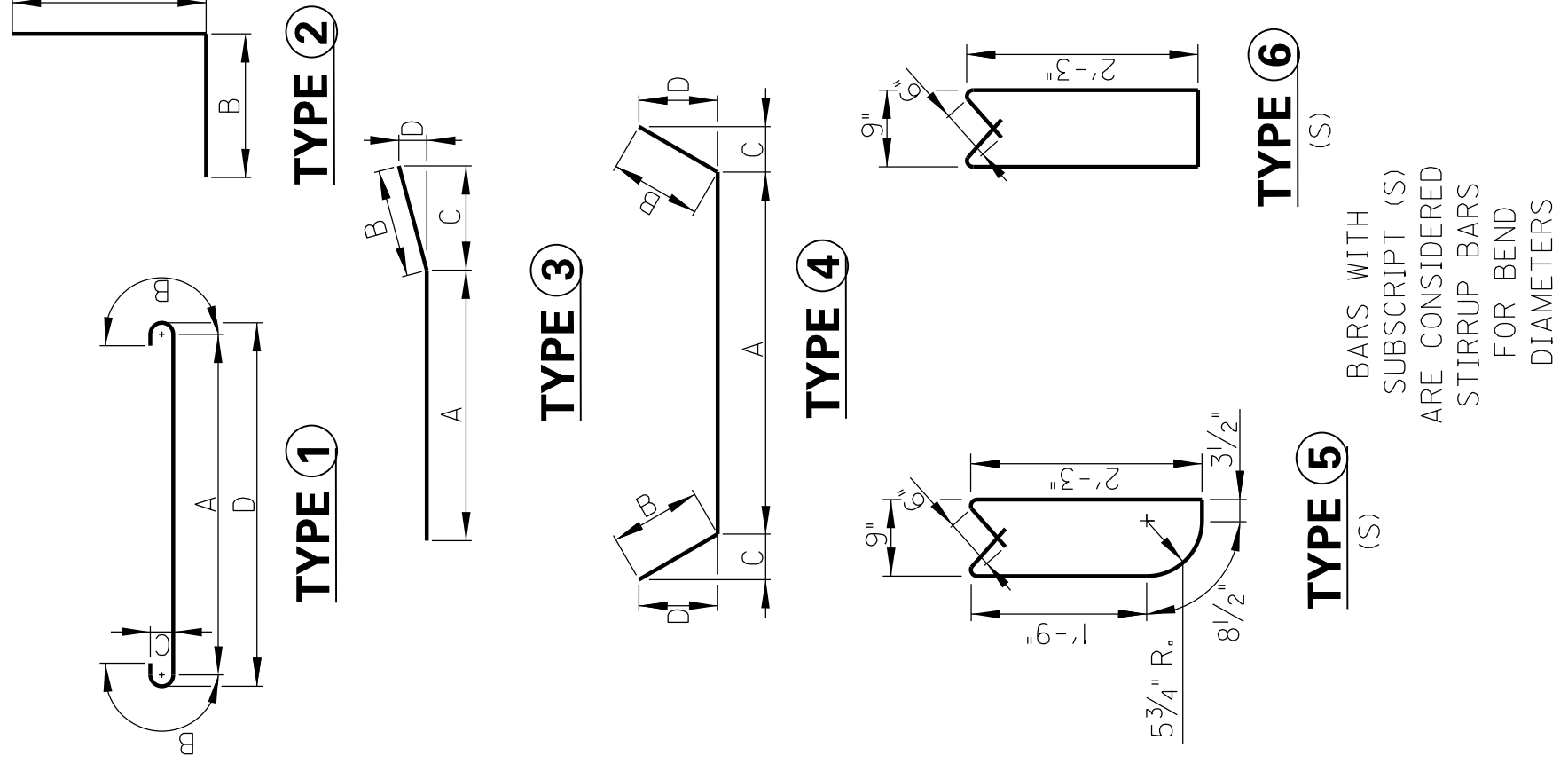
REVISION	DATE
DESIGNED BY: BTP	CHECKED BY: WHM
DETAILED BY: LGR	DKK
<b>Commonwealth of Kentucky</b>	
<b>DEPARTMENT OF HIGHWAYS</b>	
COUNTY	
<b>DAVISS</b>	
ROUTE <b>KY 54</b>	CROSSING <b>HORSE FORK</b>
<b>12' x 6' RCBC STA 1216+51.87</b>	
PREPARED BY	SHEET NO.
<b>HMB PROFESSIONAL</b>	<b>S4</b>
ENGINEERS, INC.	DRAWING NO.
	<b>27621</b>

ITEM NUMBER	<b>2-8300.10</b>
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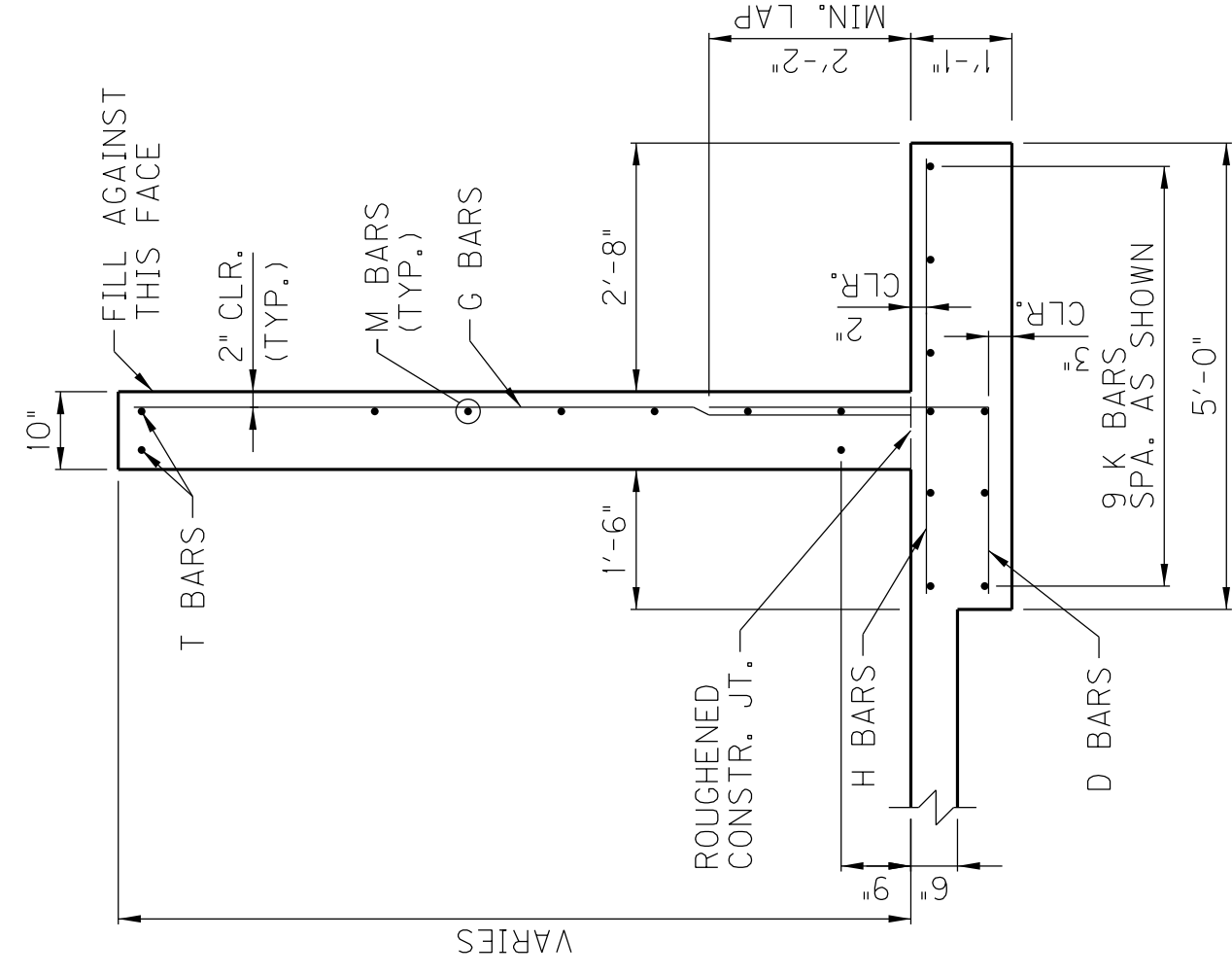
# BILL OF REINFORCEMENT

MARK	TYPE	NO.	SIZE	LENGTH		A		B		C		D	
				FT	IN	FT	IN	FT	IN	FT	IN	FT	IN
A	①	534	#7	15	3	12	9	1	3	0	7	13	4
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D	②	49	#5	5	0	3	0	2	0				
E1	STR	39	#4	50	8								
E2	STR	39	#4	9	0								
E3	STR	39	#4	48	4								
E4	STR	39	#4	51	7								
E5	STR	39	#4	54	8								
E6	STR	117	#4	7	0								
G1	STR	2	#5	4	8								
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G12	STR	6	#5	6	10								
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P8	STR	1	#5	20	0								
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R2	⑥	19	#5	6	3								
R3	STR	12	#4	2	9								
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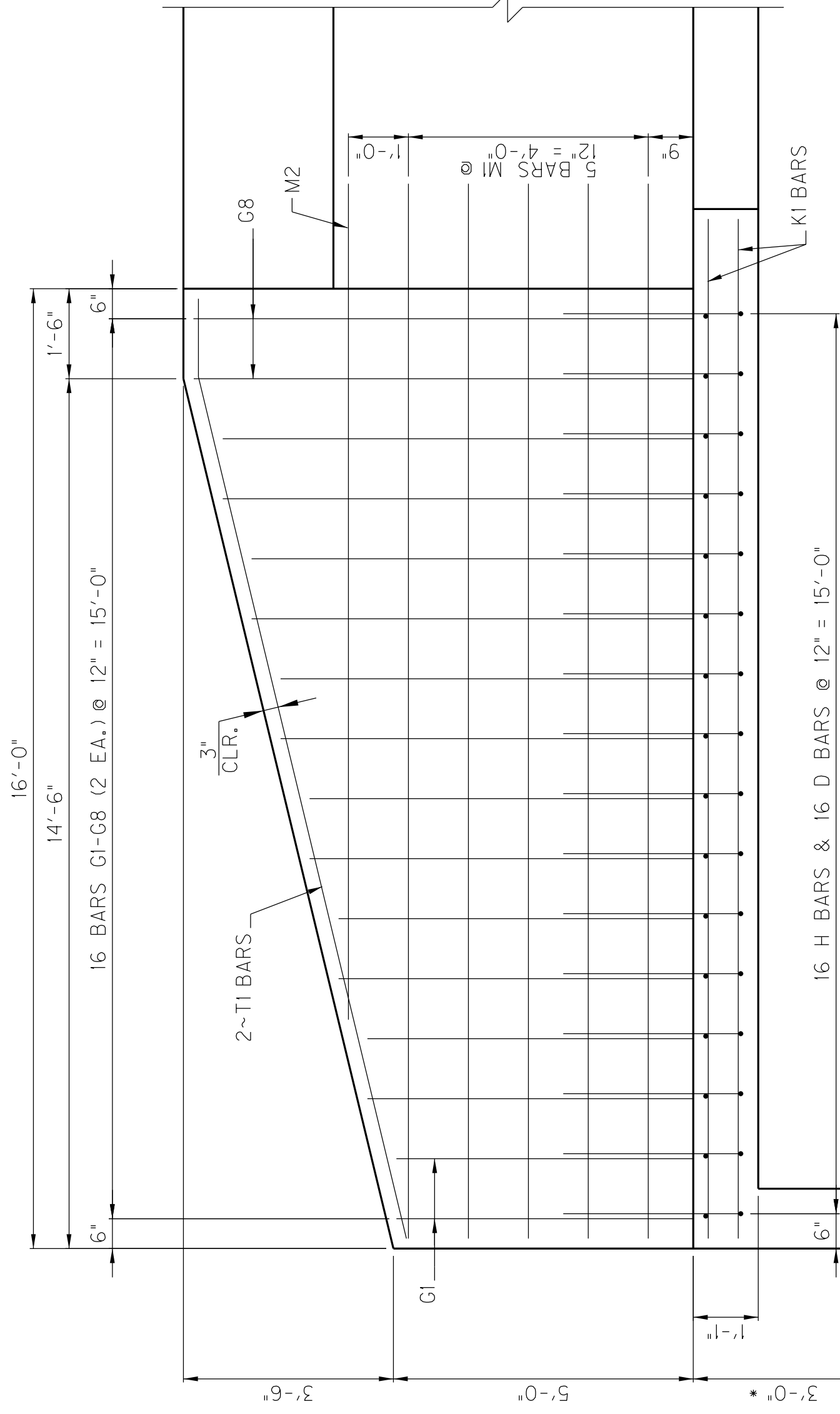
## BAR TYPES



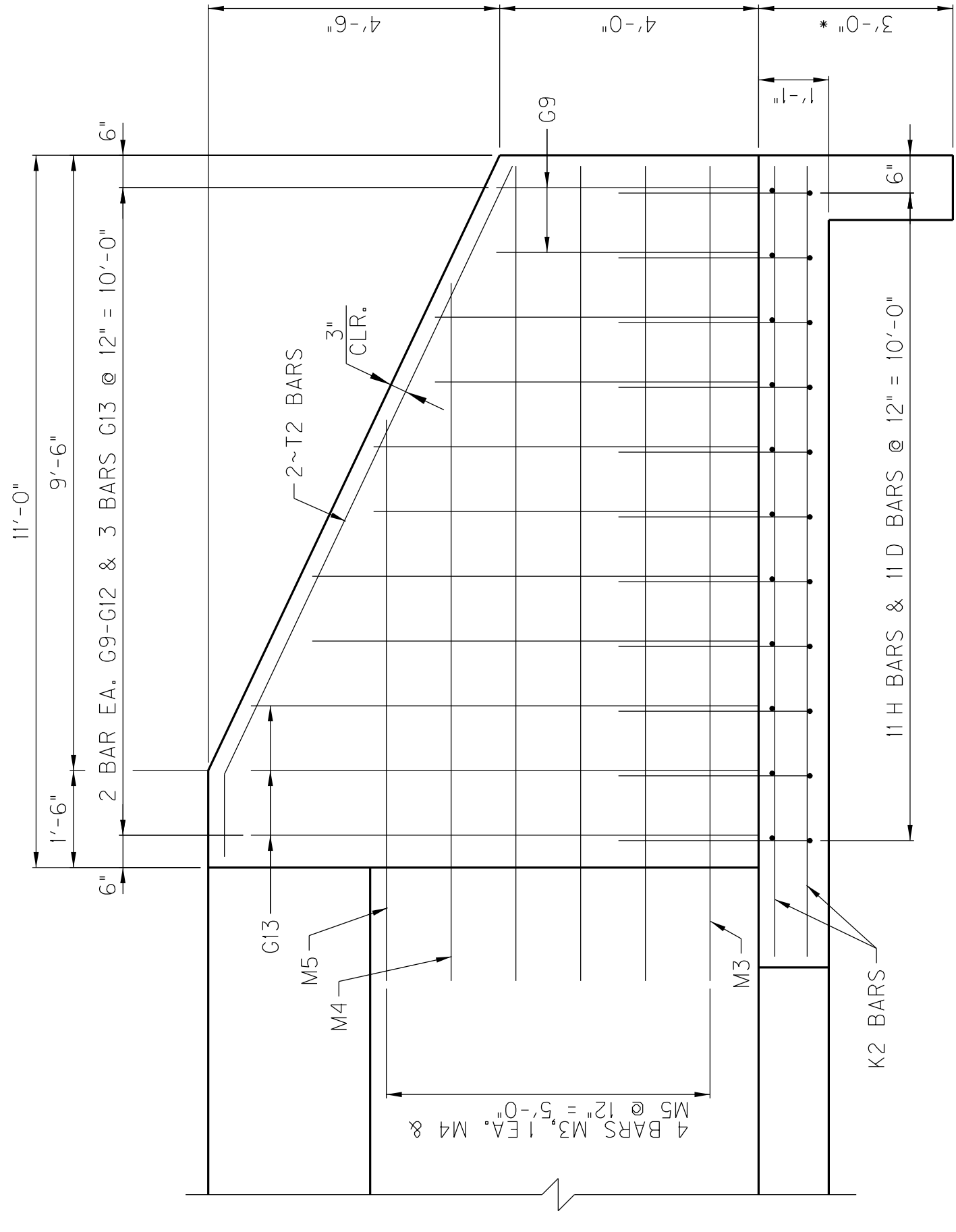
## WING SECTION



## LONG WING ELEVATION

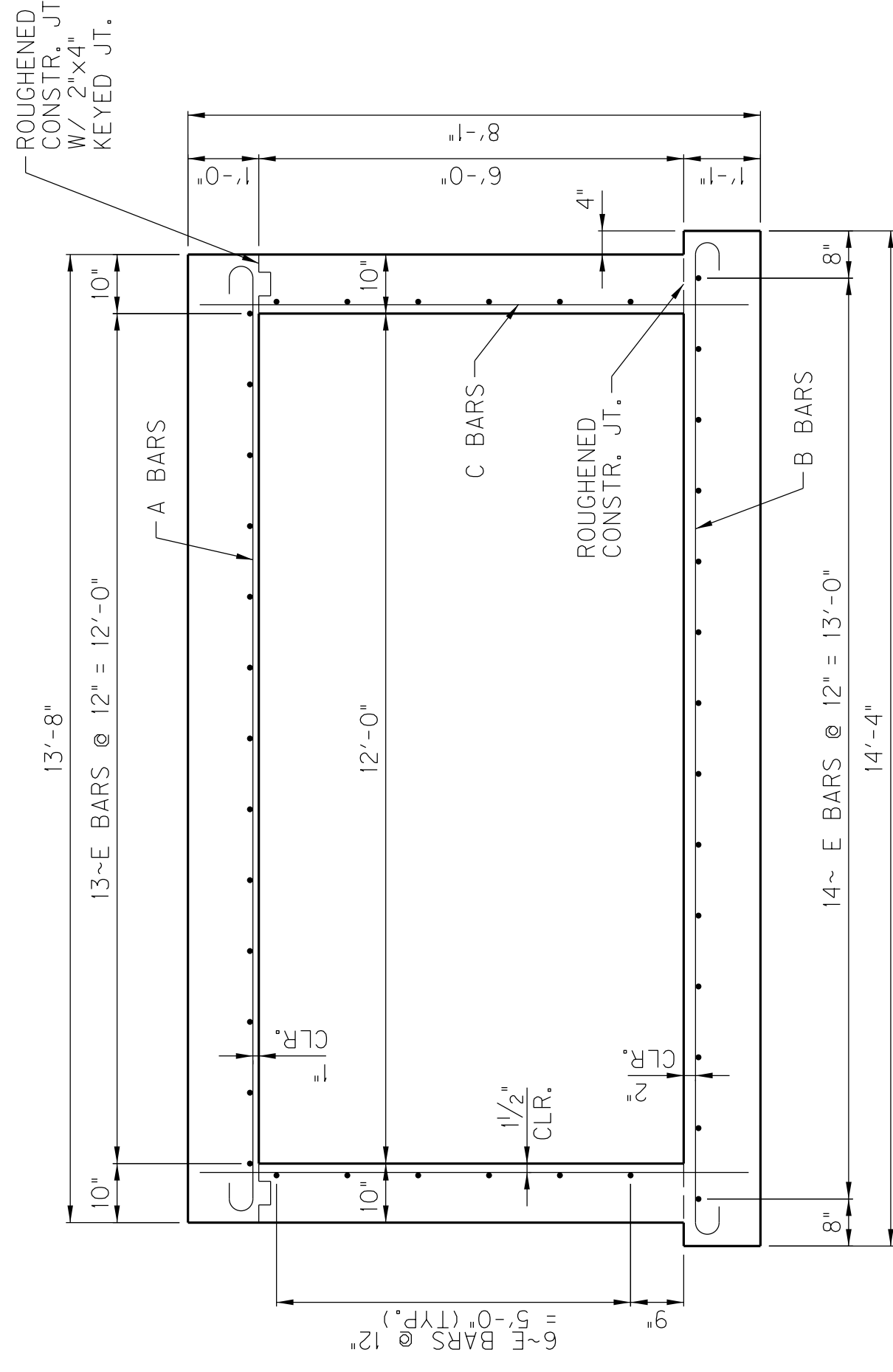


\* APRON MAY BE TERMINATED 6\"/>



## SHORT WING ELEVATION

\* APRON MAY BE TERMINATED 6\"/>



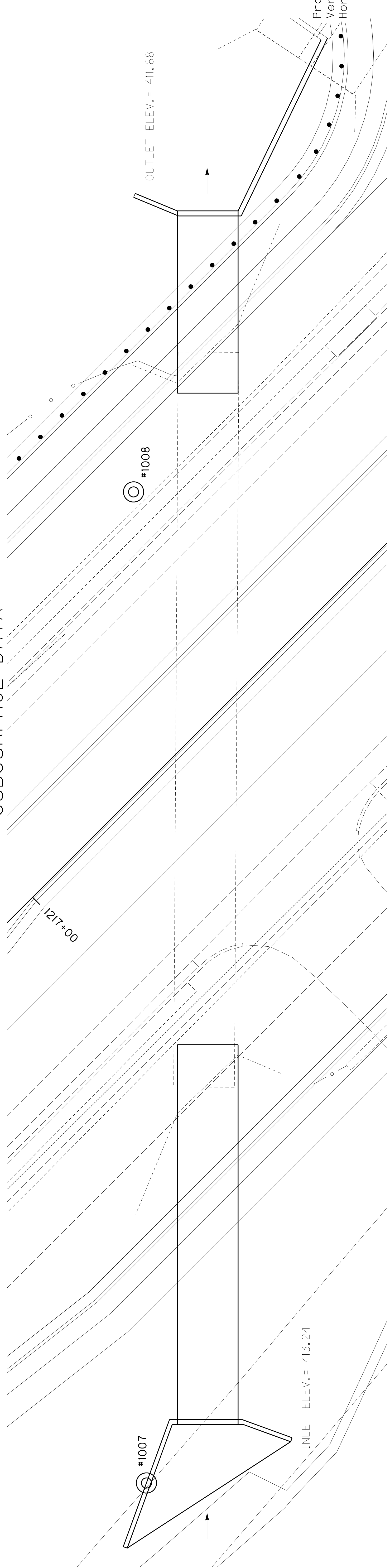
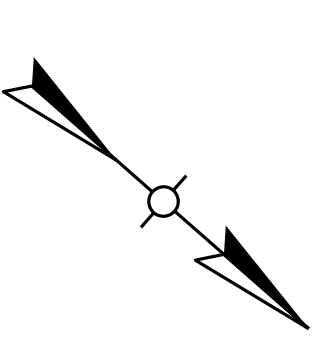
## TYPICAL SECTION THRU BARREL

REVISION	DATE
DESIGNED BY: BTP	CHECKED BY: WHM
DETAILED BY: LGR	DKK
<b>Commonwealth of Kentucky</b>	
<b>DEPARTMENT OF HIGHWAYS</b>	
COUNTY	
<b>DAVISS</b>	
ROUTE	CROSSING
KY 54	HORSE FORK
12' x 6' RCBC STA 1216+51.87	
PREPARED BY	SHEET NO.
HMB PROFESSIONAL	S4
ENGINEERS, INC.	DRAWING NO.
	27621

ITEM NUMBER  
**2-8300.10**

# SUBSURFACE DATA

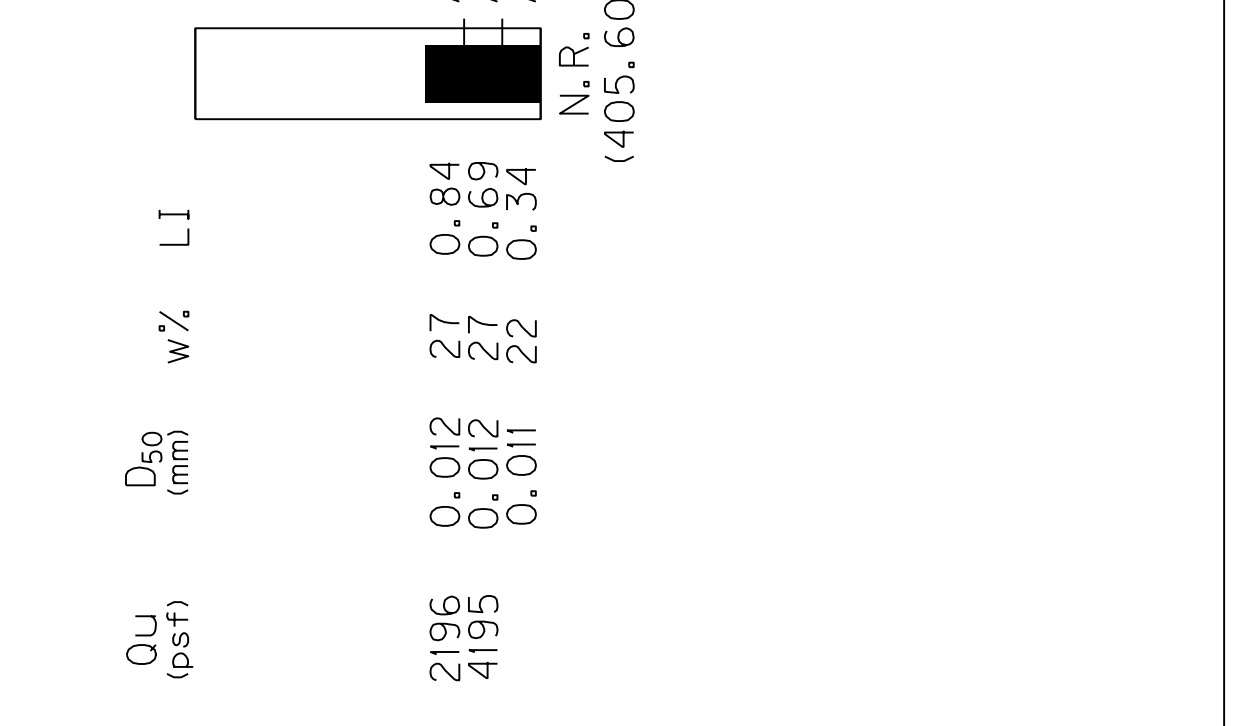
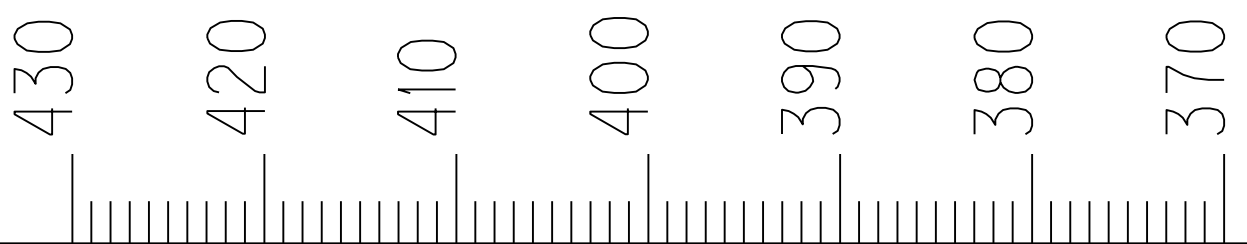
Plan Scale 1" = 10'



Hole No.  
Station  
Offset  
Elev.  
(NAVD 88  
datum)

1007  
1217+65.90  
97.70 ft. Lt.  
422.00

1008  
1216+29.28  
42.50 ft. Rt.  
423.60



OU (psf)	D <sub>50</sub> (mm)	w% LI	LI
2662	0.013	26	0.67
2164	0.013	28	1.26
N=6			
N.R. (404.20)			

A-4(7), CL-ML, S+C=96(93+3)  
A-4(5), CL-ML, S+C=93(30+3)

OU (psf)	D <sub>50</sub> (mm)	w% LI	LI
2196	0.012	27	0.84
4195	0.011	22	0.34
N.R. (405.60)			

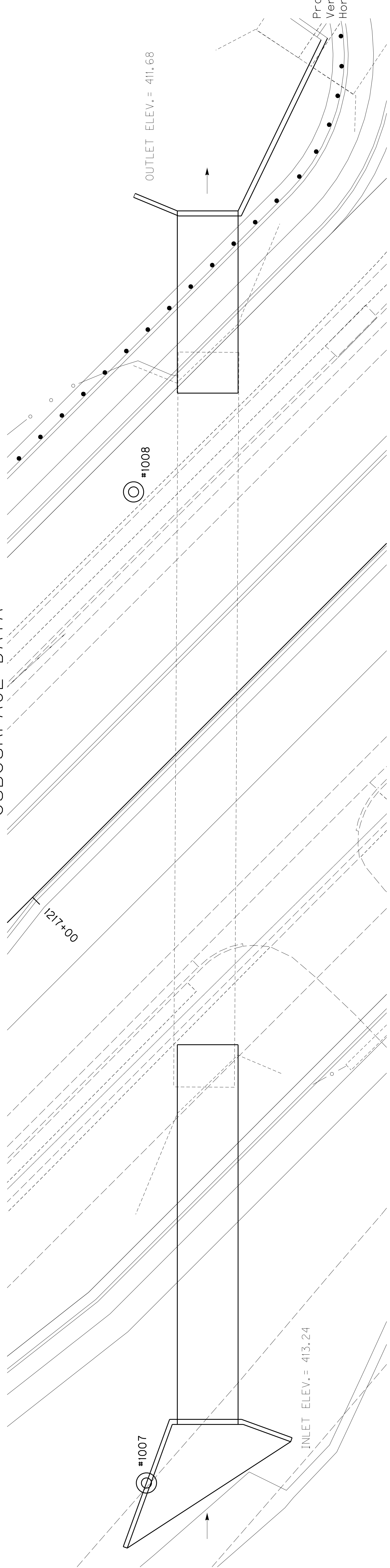
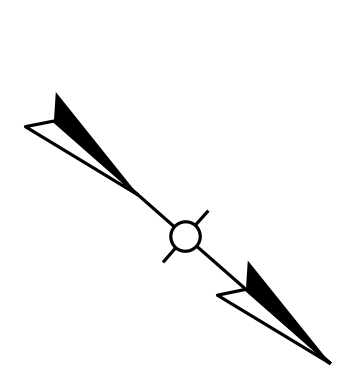
A-4(6), CL-ML, S+C=98(94+4)  
A-4(7), CL, S+C=98(94+4)  
A-4(9), CL, S+C=97(91+6)

Datum

DATE:	07-JULY-2016	CHECKED BY:	
DESIGNED BY:	E. BAILEY		M. CARPENTER
<b>Commonwealth of Kentucky</b> <b>DEPARTMENT OF HIGHWAYS</b>			
COUNTY <b>DAVIESS</b>			
ROUTE	CROSSING	Sta.	
KY 54	12' x 6' RCBC	1216 +51.00	
<b>SUBSURFACE DATA</b>			
PREPARED BY <b>Division of Structural Design</b>			
<b>GEOTECHNICAL BRANCH</b>			
<b>S-099-15</b>		SHEET NO.	<b>S5</b>
ITEM NUMBER		DRAWING NO.	<b>27621</b>
2-8300.10			

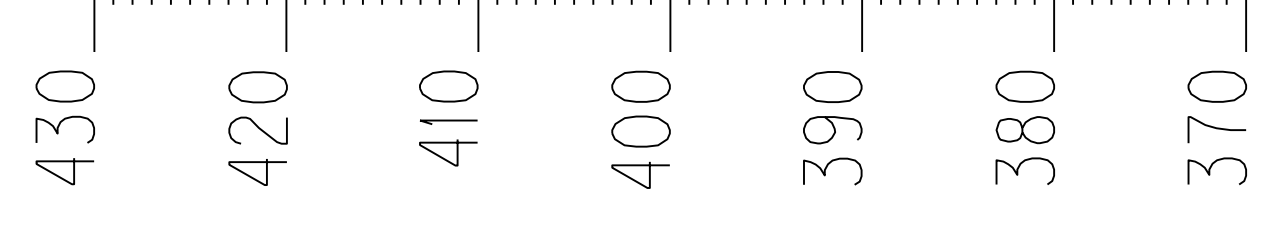
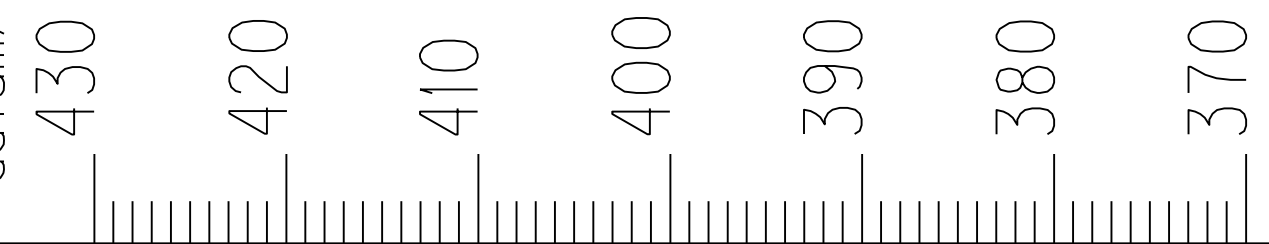
# SUBSURFACE DATA

Plan Scale 1" = 10'



Hole No. 1007  
 Station 1217+65.90  
 Offset 97.70 ft. L.T.  
 Elev. 422.00  
 (NAVD 88 datum)

Hole No. 1008  
 Station 1216+29.28  
 Offset 42.50 ft. Rt.  
 Elev. 423.60



OU (psf)	D <sub>50</sub> (mm)	w%	LI
2662	0.013	26	0.67
2164	0.013	28	1.26
N=6			
N.R. (404.20)			

OU (psf)	D <sub>50</sub> (mm)	w%	LI
2196	0.012	27	0.84
4195	0.011	22	0.34
N.R. (405.60)			

A-4(7), CL-ML, S+C=96(93+3)  
 A-4(5), CL-ML, S+C=93(30+3)

A-4(6), CL-ML, S+C=98(94+4)  
 A-4(7), CL, S+C=98(94+4)  
 A-4(9), CL, S+C=97(91+6)

Datum

DATE:	07-JULY-2016	CHECKED BY:	
DESIGNED BY:	E. BAILEY		M. CARPENTER
<b>Commonwealth of Kentucky</b>			
<b>DEPARTMENT OF HIGHWAYS</b>			
COUNTY			
<b>DAVIESS</b>			
ROUTE	CROSSING	Sta.	
KY 54	12' x 6' RCBC	1216 + 51.00	
<b>SUBSURFACE DATA</b>			
PREPARED BY		SHEET NO.	
Division of Structural Design		<b>S5</b>	
GEOTECHNICAL BRANCH		DRAWING NO.	
		<b>27621</b>	

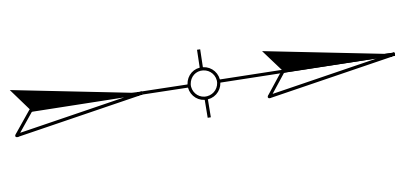
**S-099-15**

ITEM NUMBER  
**2-8300.10**

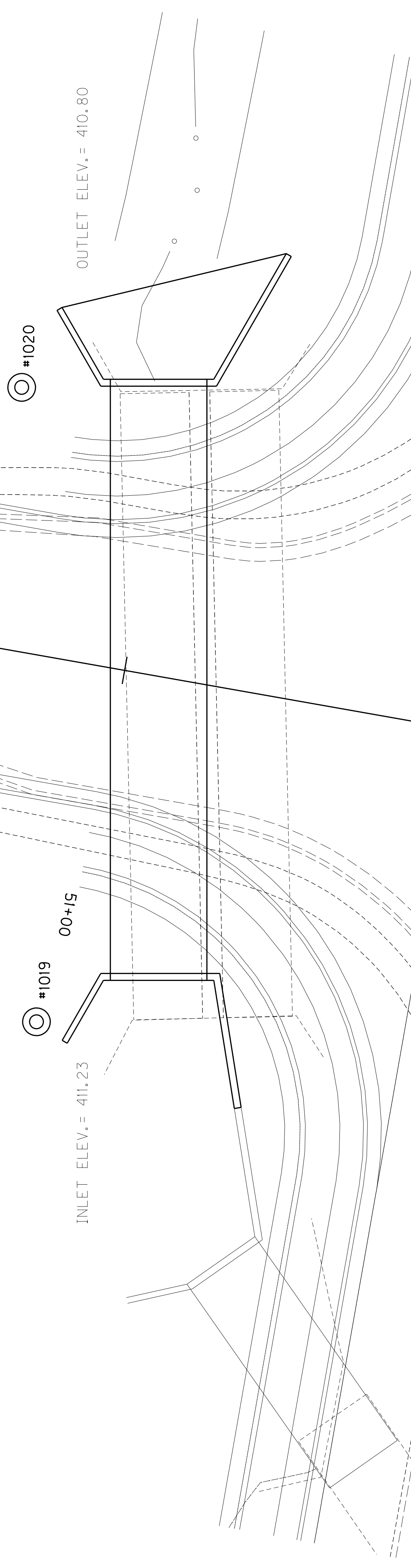


SUBSURFACE DATA

Plan Scale 1" = 10'



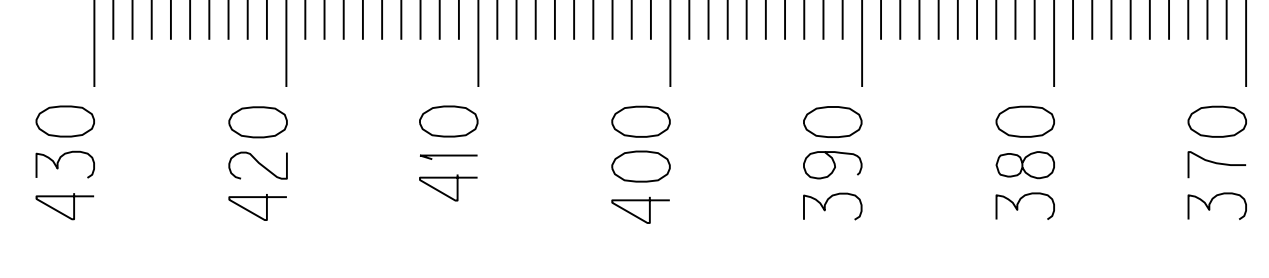
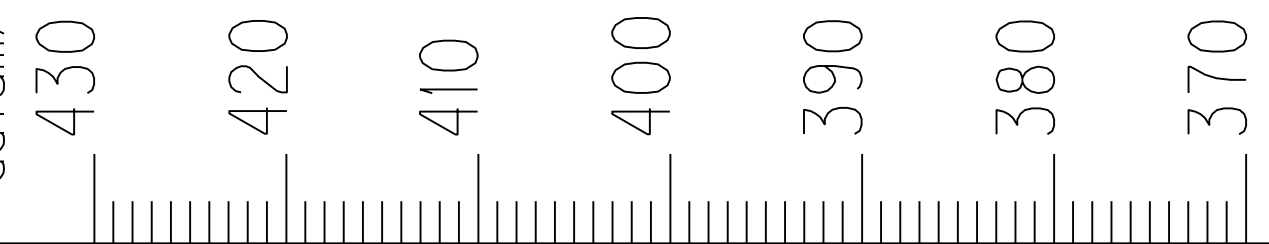
FILE NAME: \$\$\$designs\$files\$specification\$\$\$  
 USERNAME: \$\$\$USER\$\$\$  
 DATE: \$\$\$DATE\$\$\$  
 SHEET NAME: \$\$\$SHEET NAME\$\$\$  
 SHEET LOCATION: \$\$\$SHEET LOCATION\$\$\$



Hole No.  
 Station  
 Offset  
 Elev.  
 (NAVD 88  
 datum)

1019  
 51+03.75  
 52.30 ft. Lt.  
 419.20

1020  
 51+21.80  
 37.80 ft. Rt.  
 420.20



QU (psf)	D <sub>50</sub> (mm)	w%	LI
2450	0.012	26	0.55
2565	0.012	26	0.54
	0.012	20	-0.15
N.R. (404.80)			

QU (psf)	D <sub>50</sub> (mm)	w%	LI
610	0.012	23	0.20
2521	0.012	25	0.48
	0.012	26	0.58
N.R. (404.80)			

Profile Scale:  
 Vertical 1" = 10'  
 Horizontal not to scale

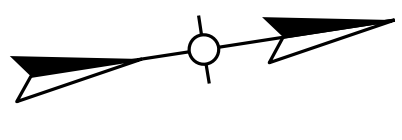
Datum

DATE: 07-JULY-2016	CHECKED BY:
DESIGNED BY: E. BAILEY	M. CARPENTER
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS COUNTY	
ROUTE KY 54	CROSSING 14' x 6' RCBC Sta. 50+95.00
<b>DAVIESS</b> SUBSURFACE DATA	
PREPARED BY: Division of Structural Design	SHEET NO. S6
2-8300.10	DRAWING NO. 27621

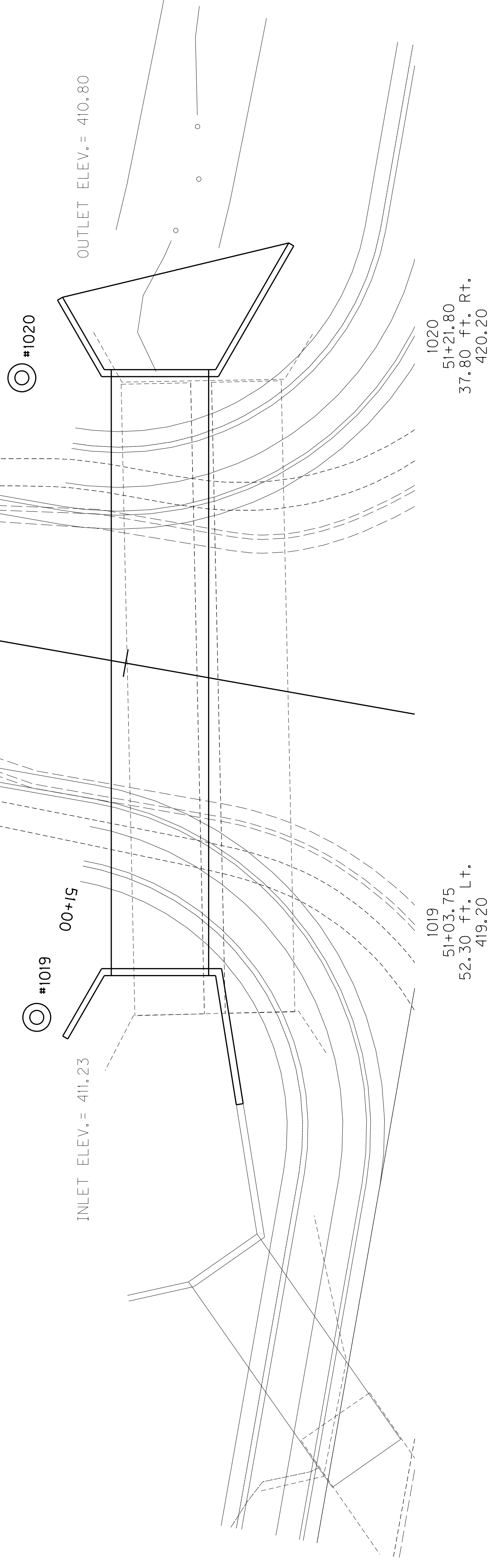
S-103-15  
 ITEM NUMBER  
 2-8300.10

SUBSURFACE DATA

Plan Scale 1" = 10'



Profile Scale:  
Vertical 1" = 10'  
Horizontal not to scale



Hole No.  
Station  
Offset  
Elev.  
(NAVD 88  
datum)

430

420

410

400

390

380

370

1019  
51+03.75  
52.30 ft. L.t.  
419.20

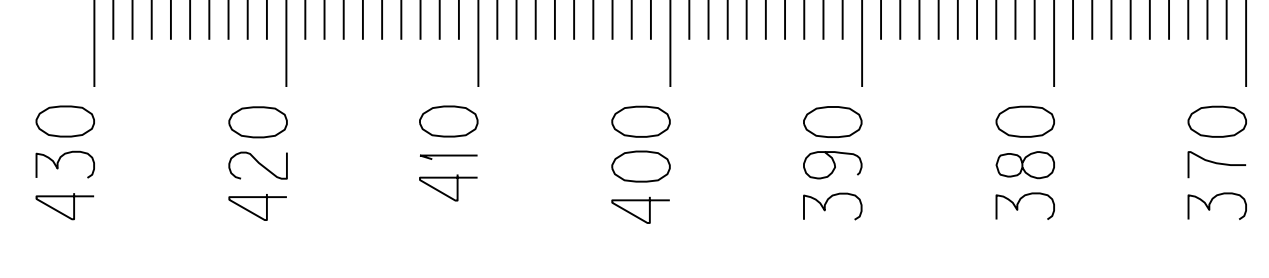
1020  
51+21.80  
37.80 ft. Rt.  
420.20

QU (psf)	D <sub>50</sub> (mm)	w%	LI
2450	0.012	26	0.55
2565	0.012	26	0.54
	0.012	20	-0.15
N.R. (404.80)			

QU (psf)	D <sub>50</sub> (mm)	w%	LI
610	0.012	23	0.20
2521	0.012	25	0.48
	0.012	26	0.58
N.R. (404.80)			

A-6(16), CL, S+C=93(85+8)  
A-4(4), ML, S+C=99(96+3)  
A-4(7), CL, S+C=97(95+2)  
N.R. (404.80)

A-4(10), CL, S+C=99(98+1)  
A-4(9), CL, S+C=98(96+2)  
A-4(5), CL-ML, S+C=97(94+3)  
N.R. (404.80)



Datum

DATE:	07-JULY-2016	CHECKED BY:	
DESIGNED BY:	E. BAILEY	PREPARED BY:	M. CARPENTER
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS			
COUNTY <b>DAVIESS</b>			
ROUTE	CROSSING	STA.	
KY 54	14' x 6' RCBC	Sta. 50+95.00	
<b>SUBSURFACE DATA</b>			
Division of Structural Design			
GEOTECHNICAL BRANCH			
SHEET NO. <b>S6</b>		DRAWING NO. <b>27621</b>	

S-103-15

ITEM NUMBER

2-8300.10