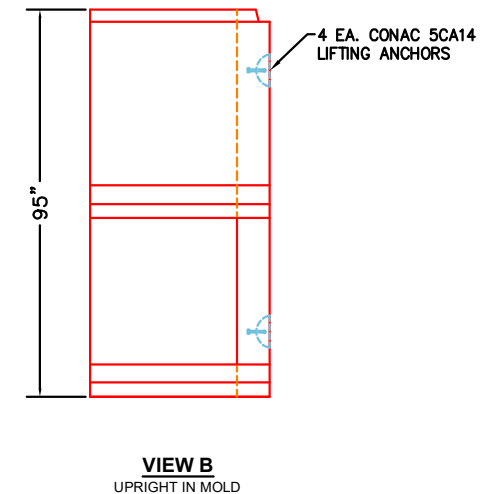
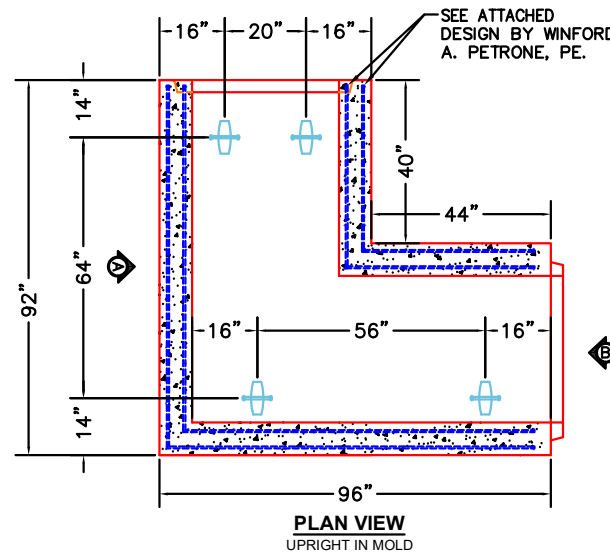
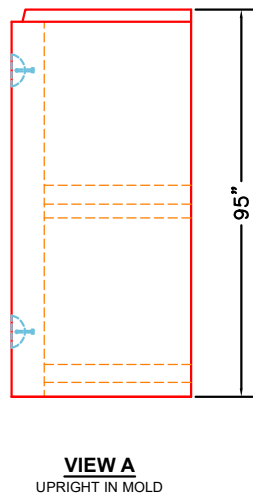
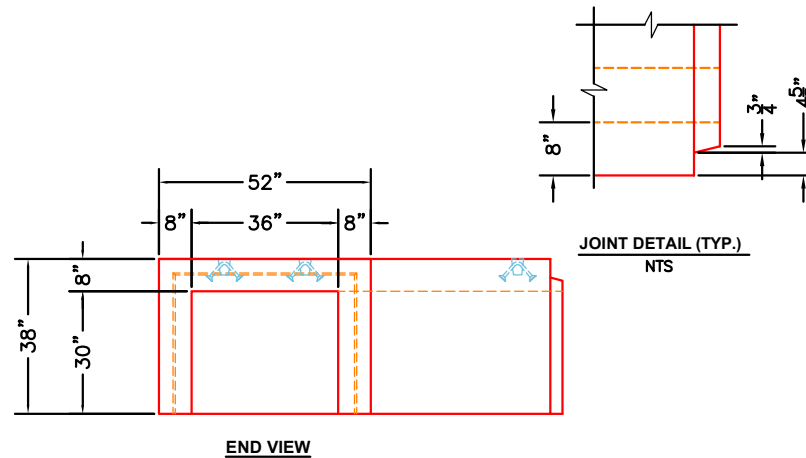


GENERAL NOTES

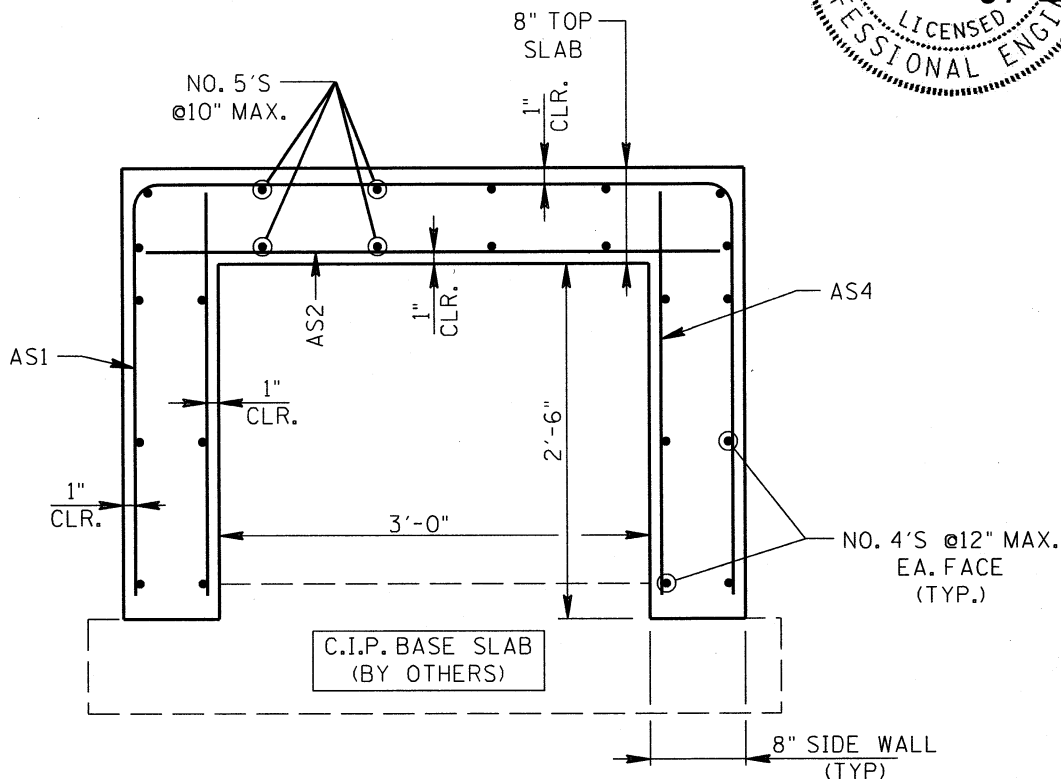
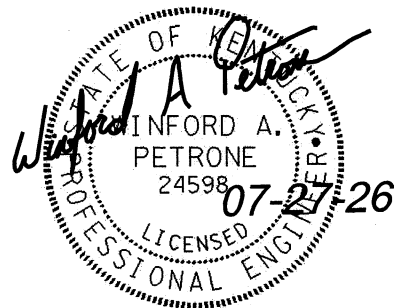
1. MANUFACTURED TO ASTM C1577 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. LOAD REQUIREMENTS = KY-HL93 (KY TABLE1).
4. COVER DEPTH = 4' TO 6'.
5. REINFORCING: PER ASTM C1577 (GRADE 60). SEE ATTACHED STAMPED DESIGN CALCULATIONS.
6. BOX CULVERT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST).
7. EXTERIOR JOINT WRAP TO BE 12" WIDE CS212.
8. WEIGHT: 36" X 30" X 188" LONG SECTION = 10,225 LBS.



PRODUCTION WORK ORDER		PRODUCT I.D.: CBS	DESCRIPTION: 36" X 30" X 188" (BEND) LONG 3-SIDED BOX CULVERT	
	QUALITY CONTROL CHECKLIST ☐ ALL DIMENSIONS CORRECT. ☐ LIFTERS INSTALLED INSIDE. ☐ RECESS WITH HAUNCHES CORRECT. ☐ REINFORCING CORRECT. ☐ SURFACE QUALITY ACCEPTABLE. ☐ LIFTERS INSTALLED OUTSIDE. ☐ PRODUCT SQUARE.	PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: CLEARY CONSTRUCTION INC	
		PLANT: BEAVER DAM, KY.	PROJECT: UK BP9 SITE THERMAL AND ELECTRIC UTILITIES	
		WEIGHT: 10,225 LBS.	STRUCTURE: 36" X 30" X 168" (BEND) BOX CULVERT (P8)	
		TOP JOINT: GROOVE	SALES ORDER/QUOTE NO: 25-2504	
		BOTTOM JOINT: TONGUE	PC: C. GOFF	DRAWING: S. FELLETER
		QC CHECK INITIALS:	DATE: 07/31/26	SCALE: NTS PG. 1 of 1

NOTE: SEE "PRECAST DESIGN SUBMITTALS, CONCRETE COMPONENTS" SHEET FOR SUMMARY OF BUILDING AND DESIGN CODES, MATERIALS REQUIREMENTS, AND DESIGN LOADS.

NOTE: SEE ICAST WORKING DRAWINGS FOR ADDITIONAL INFORMATION AND LOCATION OF EACH COMPONENT.



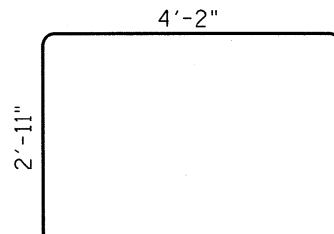
PRECAST TUNNEL SECTION

3'-0"X2'-6" STEAM TUNNEL RUN #2
BEND UNITS

NOTE: CLEARANCE BETWEEN CUT-OFF
ENDS OF BARS AND OUTSIDE
FACES OF CONCRETE=2".

NOTE: AT BEND UNIT CORNERS, PROVIDE
ADDITIONAL #5'S BETWEEN BARS
AS1 AND AS2 WHICH ARE SHOWN
ON THIS SKETCH.
SEE SK-6 FOR ADDITIONAL DETAIL.

REINFORCING STEEL		
LOCATION	REQUIRED	COMMENTS
AS1	NO. 5'S@10"	BEND AS SHOWN
AS2	NO. 5'S@10"	EXTEND TO EXTER. FACES
AS3	NOT USED	NOT USED
AS4	NO. 4'S@12"	



AS1, AS2, AND AS4 REINFORCING BARS

Fy-min=60 K.S.I.

BARS AS1

THIS SECTION TO BE USED FOR ALL
RUN #2: BEND UNITS.

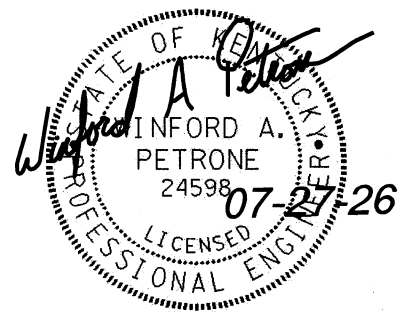
SK-5

PRECAST STEAM TUNNELS: RUN NO. 2, TYP. SECTION @ BEND UNITS

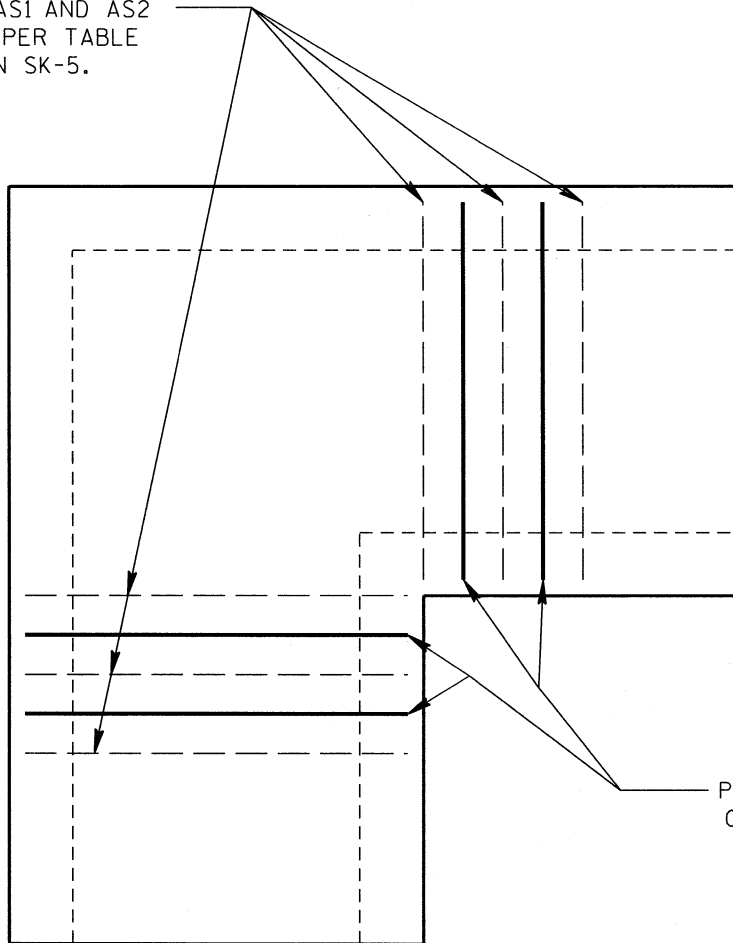
UK BP9 SITE THERMAL AND ELECTRIC: 3'-0"X2'-6" STEAM TUNNEL RUN #2

NOTE: SEE "PRECAST DESIGN SUBMITTALS, CONCRETE COMPONENTS" SHEET FOR SUMMARY OF BUILDING AND DESIGN CODES, MATERIALS REQUIREMENTS, AND DESIGN LOADS.

NOTE: SEE ICAST WORKING DRAWINGS FOR ADDITIONAL INFORMATION AND LOCATION OF EACH COMPONENT.



BARS AS1 AND AS2
@ 10" PER TABLE
ON SK-5.



PROVIDE 2 ADD'L. SETS
OF AS1 AND AS2 BARS
BETWEEN SCHEDULED
RE-BARS EACH WAY
@ BEND CORNERS
ASSHOWN.

TYPICAL PRECAST TUNNEL BEND UNIT PLAN

SHOWING ADDITIONAL BARS AS1 AND AS2 AT BEND CORNERS
(SHOWN AT PC08)

SK-6

PRECAST STEAM TUNNELS: RUN NO. 2, PLAN VIEW @ BEND UNITS

UK BP9 SITE THERMAL AND ELECTRIC: 3'-0"X2'-6" STEAM TUNNEL RUN #2