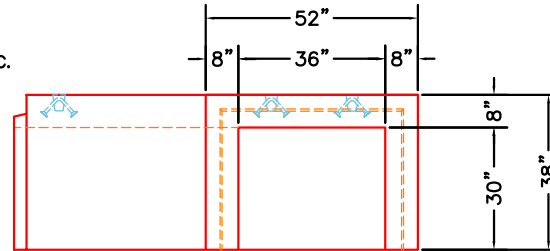
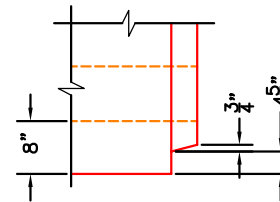


GENERAL NOTES

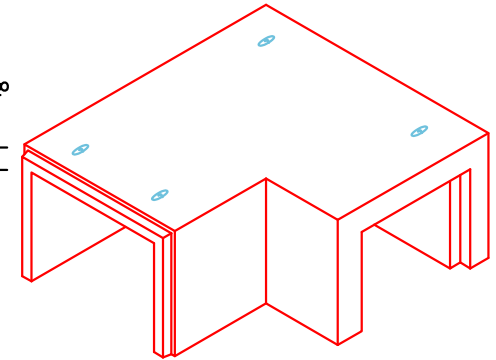
1. MANUFACTURED TO ASTM C1577 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. LOAD REQUIREMENTS = KY-HL93 (KY TABLE1).
4. COVER DEPTH = 4' TO 6'.
5. REINFORCING: PER ASTM C1577 (GRADE 60). SEE ATTACHED STAMPED DESIGN CALCULATIONS.
6. BOX CULVERT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST).
7. EXTERIOR JOINT WRAP TO BE 12" WIDE CS212.
8. WEIGHT: 36" X 30" X 168" LONG SECTION = 10,225 LBS.



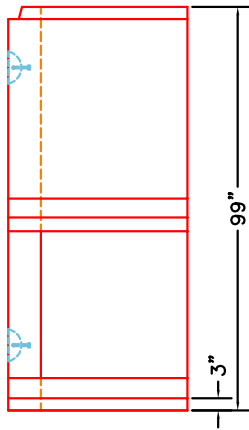
END VIEW



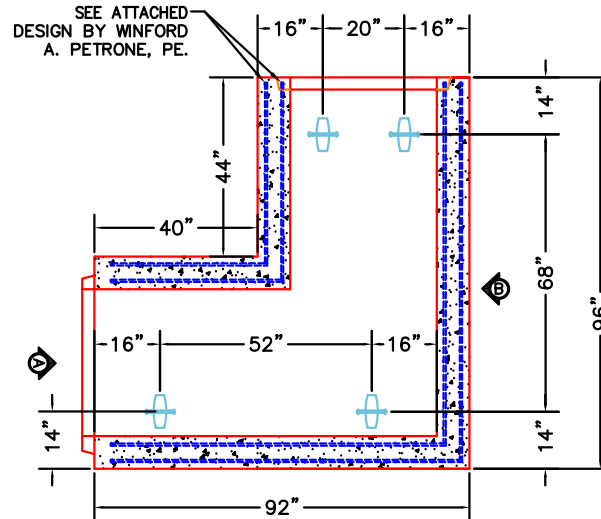
JOINT DETAIL (TYP.)
NTS



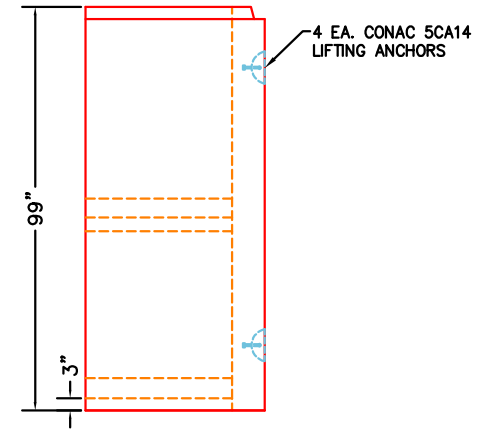
COMPONENT
ISOMETRIC VIEW



VIEW A
UPRIGHT IN MOLD



PLAN VIEW
UPRIGHT IN MOLD



VIEW B
UPRIGHT IN MOLD

PRODUCTION WORK ORDER



QUALITY CONTROL CHECKLIST

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED INSIDE.
- ☐ RECESS WITH HAUNCHES CORRECT.
- ☐ REINFORCING CORRECT.
- ☐ SURFACE QUALITY ACCEPTABLE.
- ☐ LIFTERS INSTALLED OUTSIDE.
- ☐ PRODUCT SQUARE.

PRODUCT I.D.: CBS

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY.

WEIGHT: 10,225 LBS.

TOP JOINT: GROOVE

BOTTOM JOINT: TONGUE

QC CHECK INITIALS:

DESCRIPTION: 36" X 30" X 168" (BEND) LONG 3-SIDED BOX CULVERT

CUSTOMER: CLEARY CONSTRUCTION INC

PROJECT: UK BP9 SITE THERMAL AND ELECTRIC UTILITIES

STRUCTURE: 36" X 30" X 168" (BEND) BOX CULVERT (P7)

SALES ORDER/QUOTE NO: 25-2504

PC: C. GOFF

DRAWING: S. FELLETER

DATE: 07/31/26

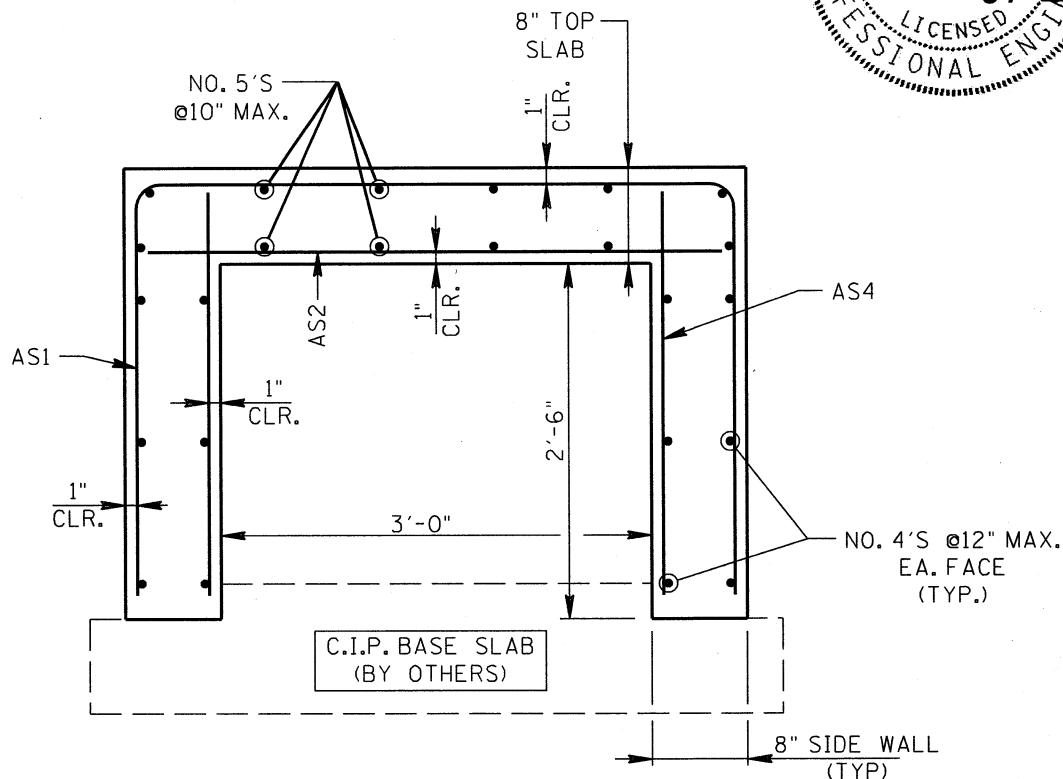
SCALE: NTS

PG. 1 of 1

59/60

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.



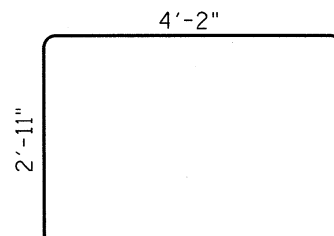
PRECAST TUNNEL SECTION

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.

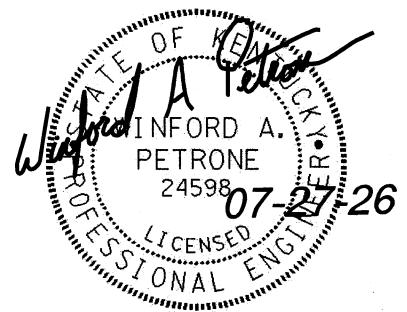
SK-5

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

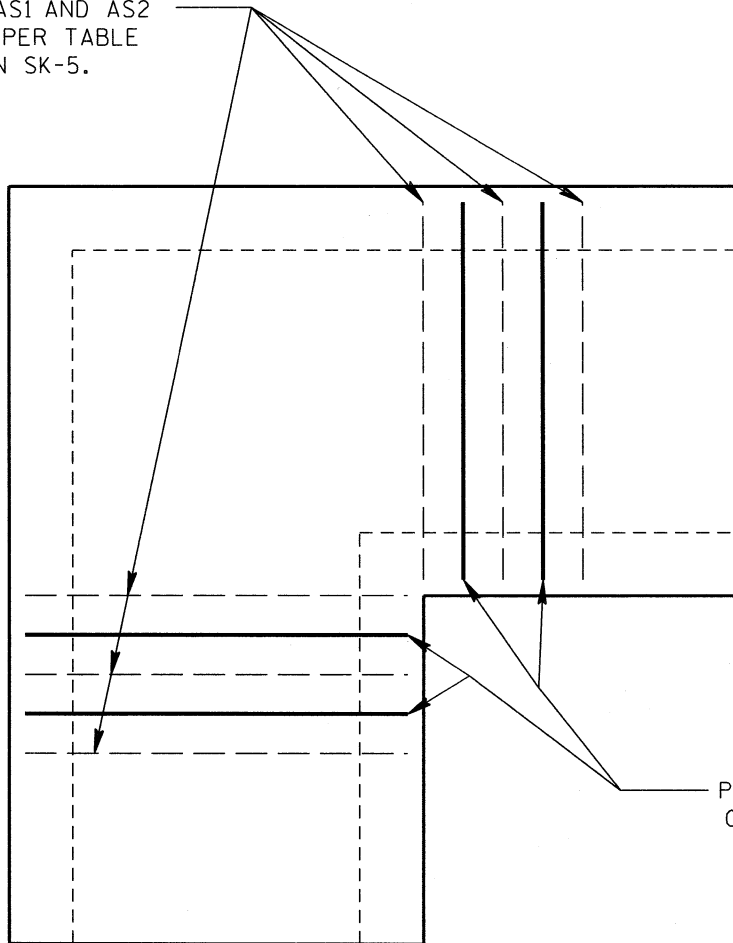
UK BP9 SITE THERMAL AND ELECTRIC: 3'-0"X2'-6" STEAM TUNNEL RUN #2

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