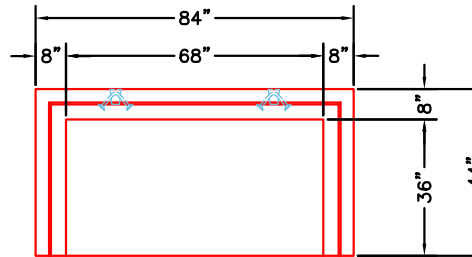
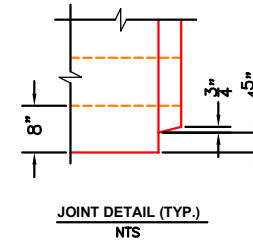


GENERAL NOTES

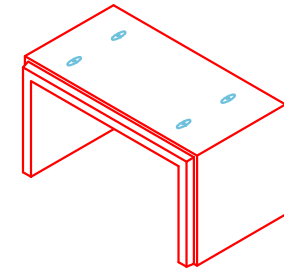
1. MANUFACTURED TO ASTM C1577 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. .LOAD REQUIREMENTS = KY-HL93 (KY TABLE1).
4. COVER DEPTH = 4' TO 6'.
3. REINFORCEMENT PER ATTACHED DESIGN BY WINFORD A. PETRONE, PE
4. BOX CULVERT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST).
5. EXTERIOR JOINT WRAP TO BE 12" WIDE CS212.
6. WEIGHT: 68" X 36" X 69" LONG SECTION = 7,226 LBS.



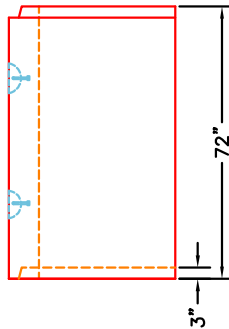
END VIEW



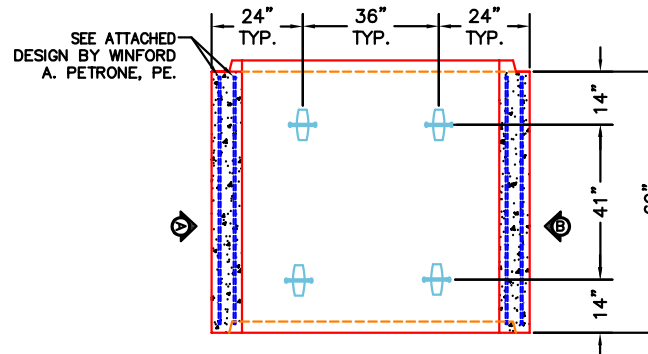
JOINT DETAIL (TYP.)
NTS



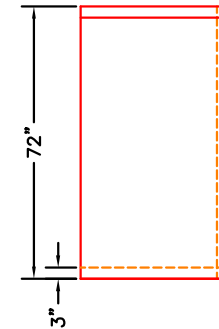
COMPONENT
ISOMETRIC VIEW



VIEW A
UPRIGHT IN MOLD



PLAN VIEW
UPRIGHT IN MOLD



VIEW B
UPRIGHT IN MOLD

4 EA. CONAC 5CA14
LIFTING ANCHORS

PRODUCTION WORK ORDER

PRODUCT I.D.: CBS

DESCRIPTION: 68" X 36" X 69" 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: 7,226 LBS.

STRUCTURE: 68" X 36" X 69" BOX CULVERT (P14)

TOP JOINT: TONGUE

SALES ORDER/QUOTE NO: 25-2504

BOTTOM JOINT: GROOVE

PC: C. GOFF

DRAWING: S. FELLETER

QC CHECK INITIALS:

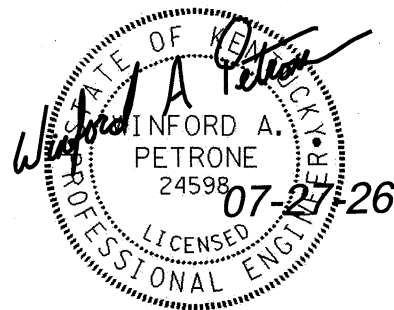
DATE: 07/31/26

SCALE: NTS

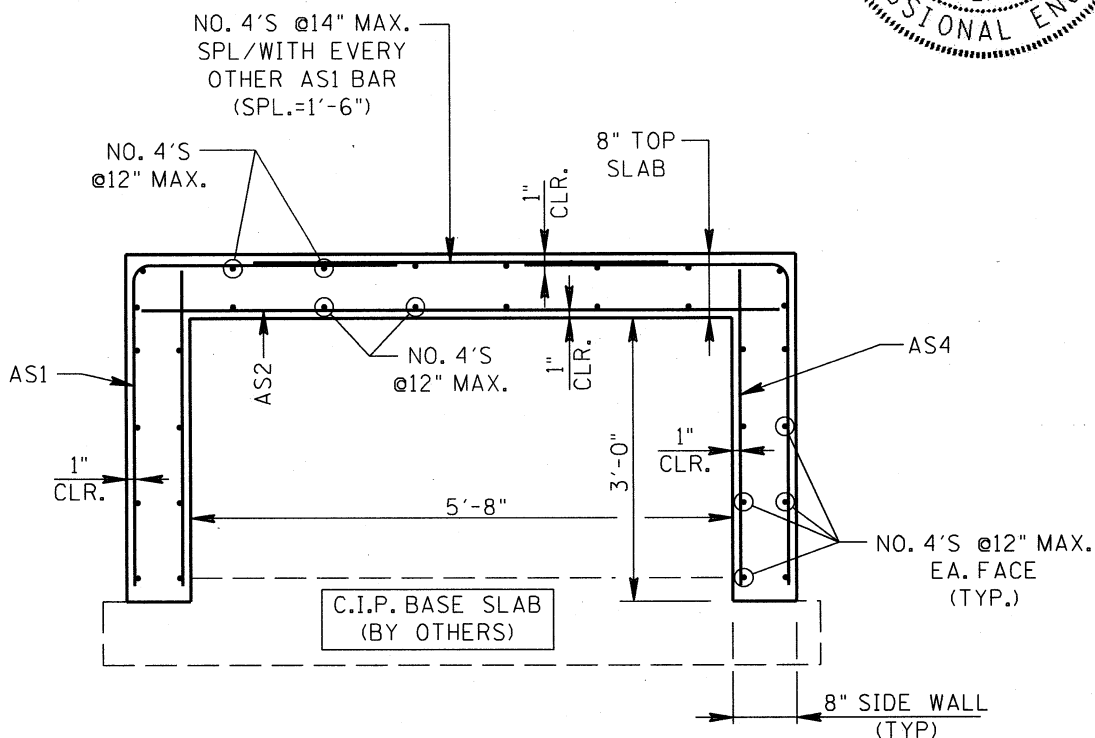
PG. 1 of 1

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.



55/60

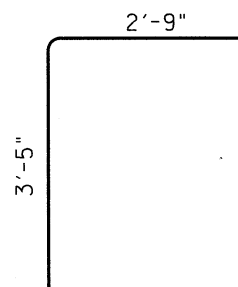


PRECAST TUNNEL SECTION

5'-8"X3'-0" STEAM TUNNEL RUN #1
NON-WEDGED UNITS

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

REINFORCING STEEL		
LOCATION	REQUIRED	COMMENTS
AS1	NO. 4'S@7"	BEND AS SHOWN
AS2	NO. 4'S@7"	EXTEND TO EXTER. FACES
AS3	NOT USED	NOT USED
AS4	NO. 4'S@12"	



BARS AS1

AS1, AS2, AND AS4 REINFORCING BARS

Fy-min=60 K.S.I.

THIS SECTION TO BE USED FOR ALL
RUN #1: NON-WEDGED UNITS.
RECTANGULAR IN PLAN VIEW.

SK-1

PRECAST STEAM TUNNELS: RUN NO.1, TYPICAL UNIT SECTION

UK BP9 SITE THERMAL AND ELECTRIC: 5'-8"X3'-0" STEAM TUNNEL RUN #1