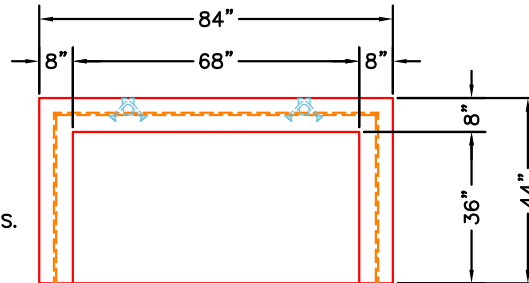
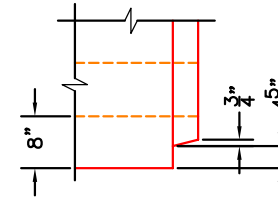


GENERAL NOTES

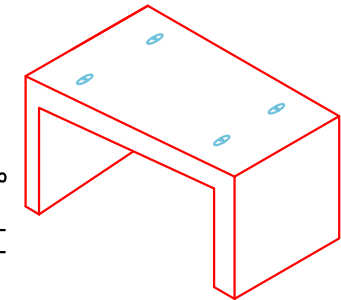
1. MANUFACTURED TO ASTM C1577 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. .LOAD REQUIREMENTS = KY-HL93 (KY TABLE1).
4. COVER DEPTH = 4' TO 6'.
3. REINFORCEMENT PER ATTACHED DESIGN BY WINFORD A. PETRONE, PE
4. BOX CULVERT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST).
5. EXTERIOR JOINT WRAP TO BE 12" WIDE CS212.
6. WEIGHT: 68" X 36" X 79 $\frac{5}{8}$ " (SKEWED) LONG SECTION = 7,358 LBS.



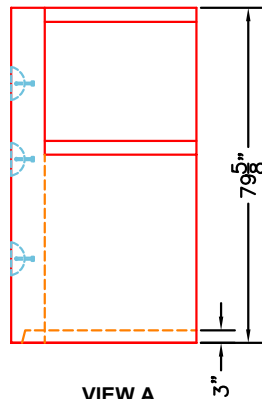
END VIEW



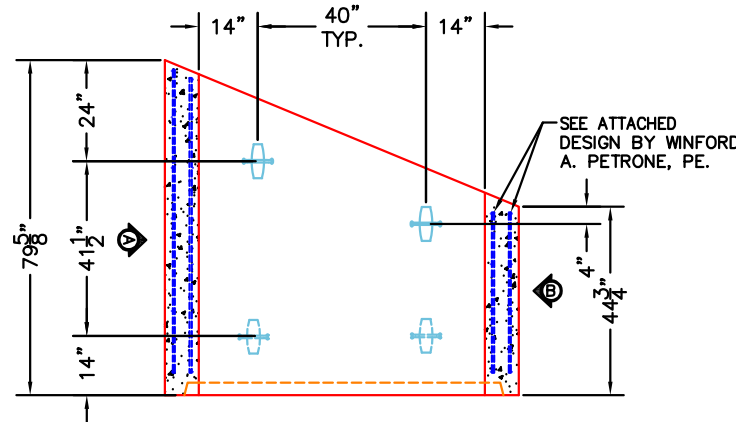
JOINT DETAIL (TYP.)
NTS



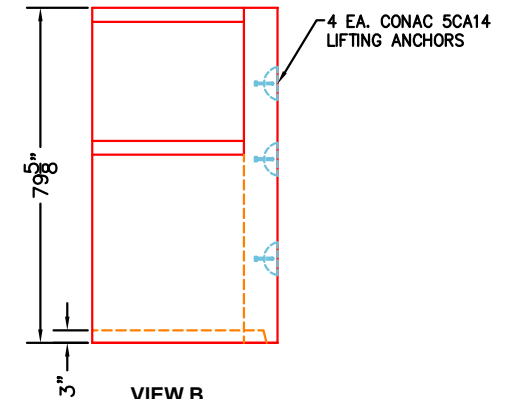
COMPONENT
ISOMETRIC VIEW



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: 8,413 LBS.

TOP JOINT: FLAT

BOTTOM JOINT: GROOVE

QC CHECK INITIALS:

DESCRIPTION: 68" X 36" X 79 $\frac{5}{8}$ " SKEWED LONG 3-SIDED BOX CULVERT

CUSTOMER: CLEARY CONSTRUCTION INC

PROJECT: UK BP9 SITE THERMAL AND ELECTRIC UTILITIES

STRUCTURE: 68" X 36" X 79 $\frac{5}{8}$ " SKEWED BOX CULVERT (P17)

SALES ORDER/QUOTE NO: 25-2504

PC: C. GOFF

DRAWING: S. FELLETER

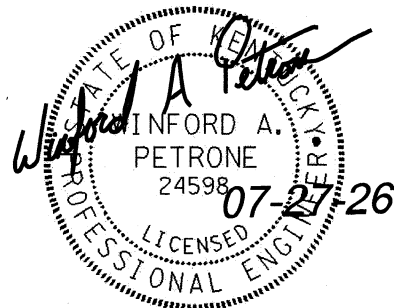
DATE: 07/31/26

SCALE: NTS

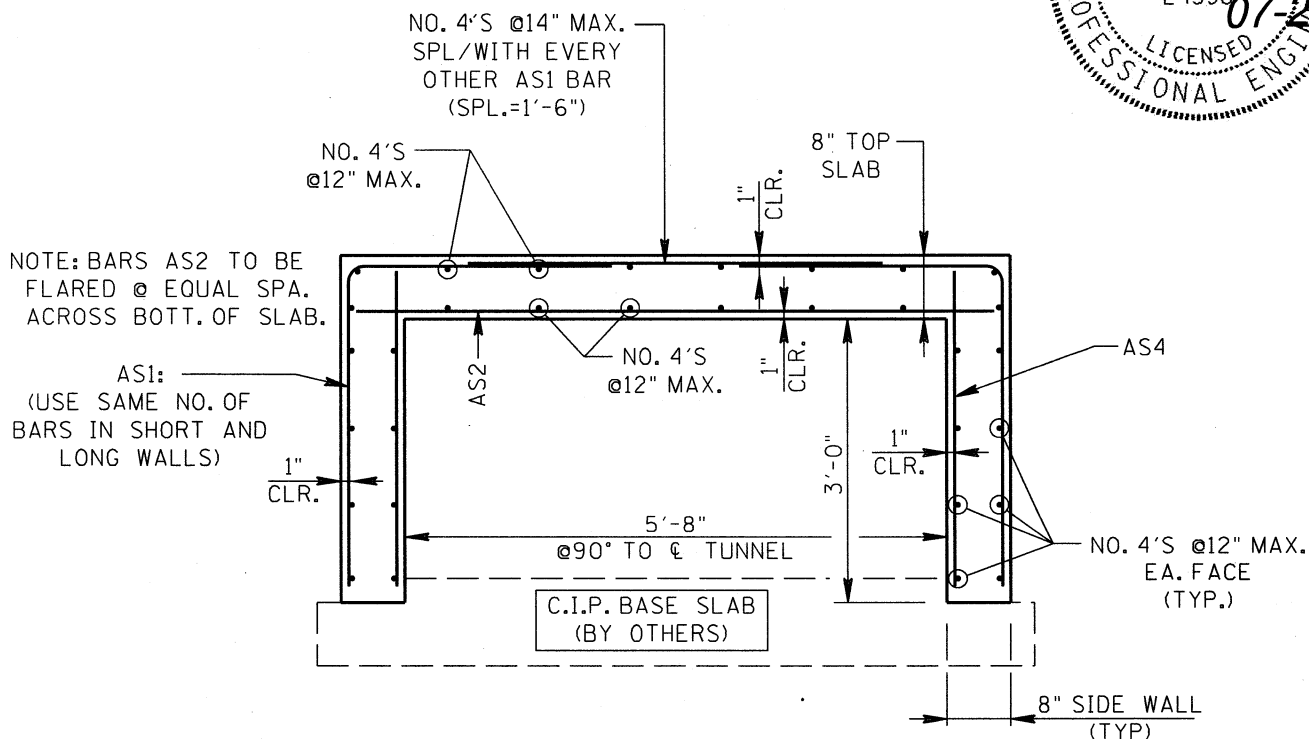
PG. 1 of 1

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.



5/6/60

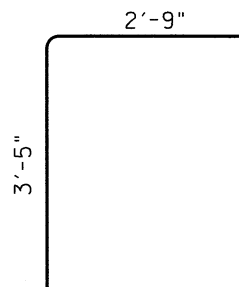


PRECAST TUNNEL SECTION

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

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

LOCATION	REINFORCING STEEL AT RE-STL "A"	REINFORCING STEEL AT RE-STL "B"	COMMENTS
AS1	11 NO. 4'S	8 NO. 4'S	BEND AS SHOWN
AS2	11 NO. 4'S	8 NO. 4'S	EXTEND TO EXTER. FACES
AS3	NOT USED	NOT USED	NOT USED
AS4	NO. 4'S@12"	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: WEDGED-SHAPED UNITS,
NON-RECTANGULAR IN PLAN VIEW.

THESE UNITS INCLUDE:

LONG END TO SHORT END

6'-3" 3'-4 1/4"
7'-0" 4'-1 3/16"
6'-7 5/8" 3'-8 3/4"
4'-9" * 1'-10 1/4" *

RE-STL

"A"
"A"
"A"
"B"

*: THE LENGTH OF THE UNIT
ADJACENT TO VAULT 2
AS INDICATED HAS BEEN
SHORTENED 1'-6" TO ALLOW
A CIP CLOSURE POUR.

SK-2

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

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