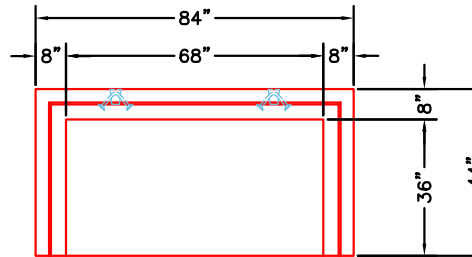
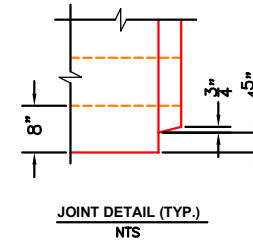


# **GENERAL NOTES**

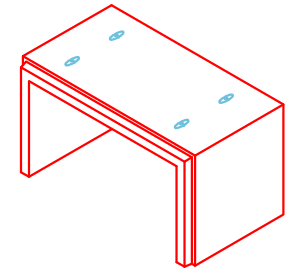
1. MANUFACTURED TO ASTM C1577 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. .LOAD REQUIREMENTS = KY-HL93 (KY TABLE1).
4. COVER DEPTH = 4' TO 6'.
5. REINFORCEMENT PER ATTACHED DESIGN BY WINFORD A. PETRONE, PE
6. BOX CULVERT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC.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



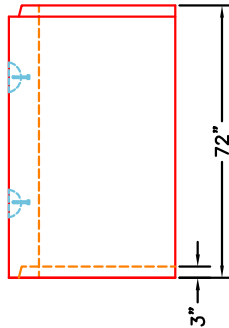
**END VIEW**



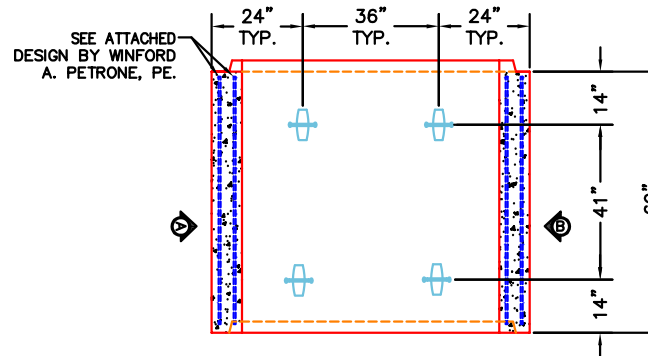
**JOINT DETAIL (TYP.)**  
NTS



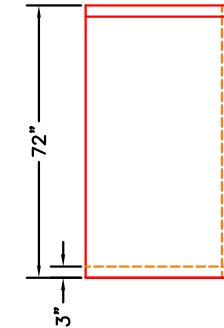
**COMPONENT**  
**ISOMETRIC VIEW**



**VIEW A**  
UPRIGHT IN MOLD



**PLAN VIEW**  
UPRIGHT IN MOLD



**VIEW B**  
UPRIGHT IN MOLD

4 EA. CONAC 5CA14  
LIFTING ANCHORS

## **PRODUCTION WORK ORDER**



### **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: 7,226 LBS.

TOP JOINT: TONGUE

BOTTOM JOINT: GROOVE

QC CHECK INITIALS:

DESCRIPTION: 68" X 36" X 69" LONG 3-SIDED BOX CULVERT

CUSTOMER: CLEARY CONSTRUCTION INC

PROJECT: UK BP9 SITE THERMAL AND ELECTRIC UTILITIES

STRUCTURE: 68" X 36" X 69" BOX CULVERT (P4)

SALES ORDER/QUOTE NO: 25-2504

PC: C. GOFF

DRAWING: S. FELLETER

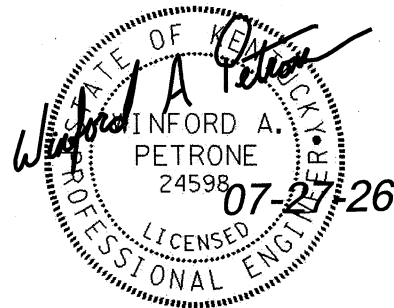
DATE: 07/31/26

SCALE: NTS

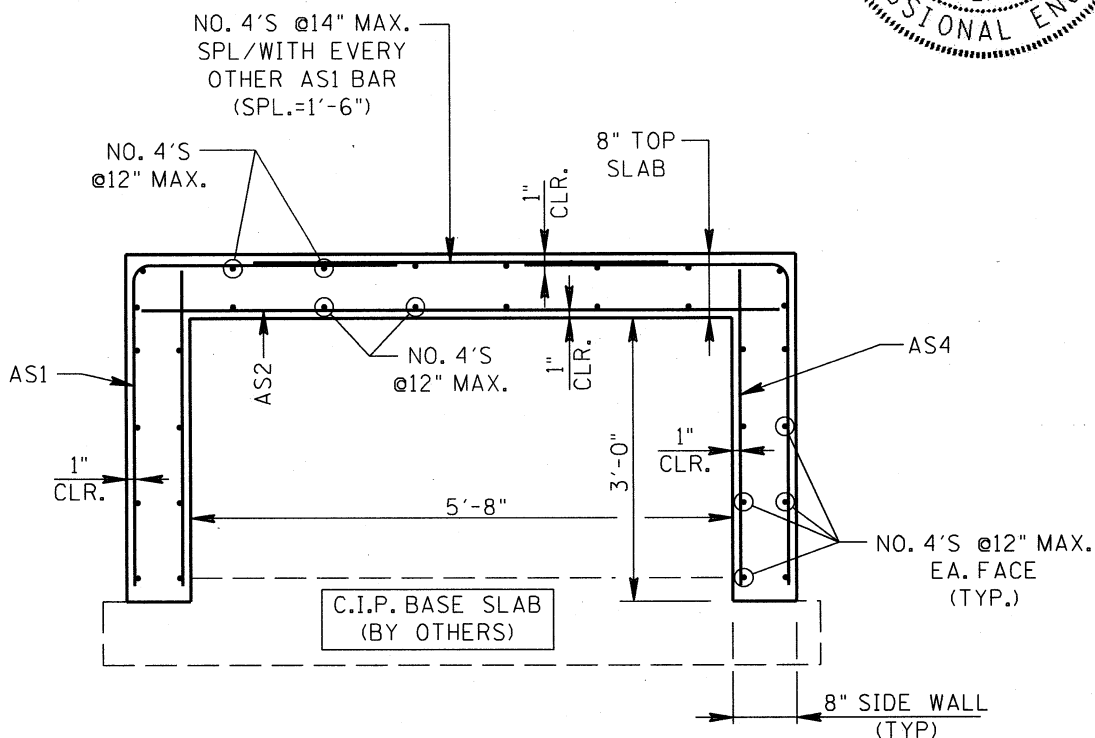
PG. 1 of 1

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.



55/60

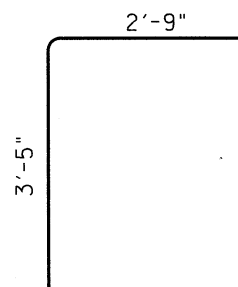


### PRECAST TUNNEL SECTION

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