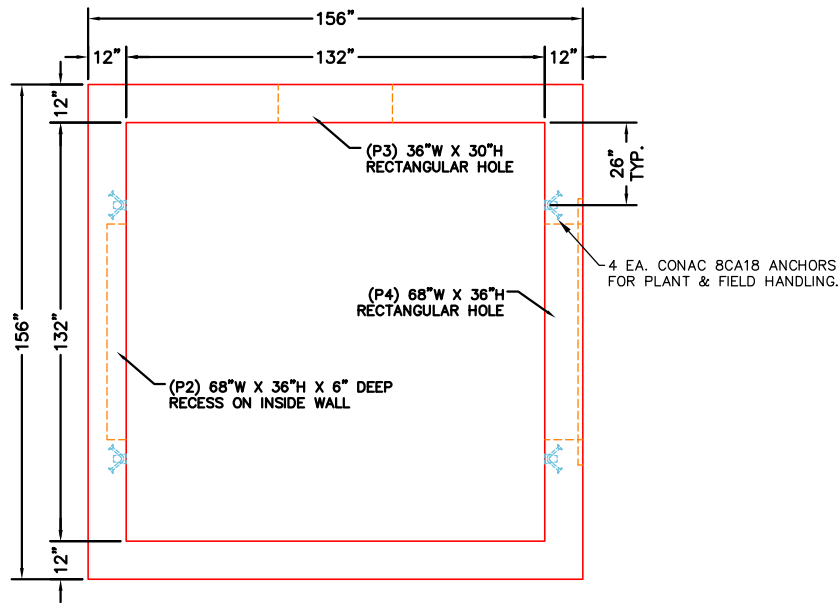
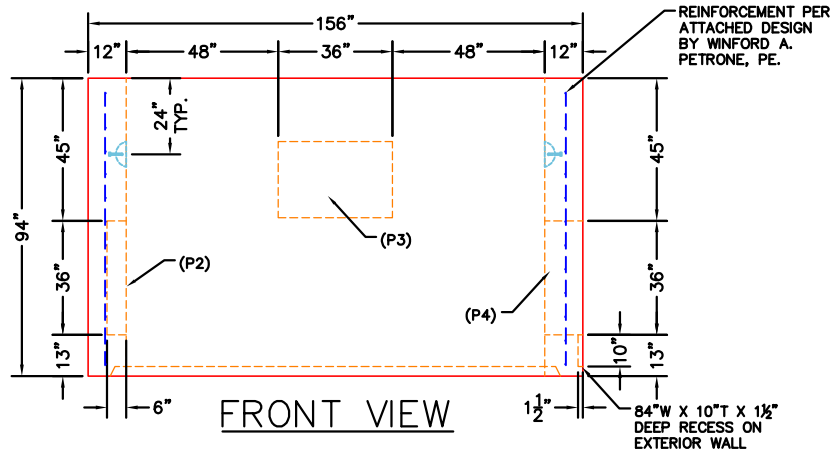


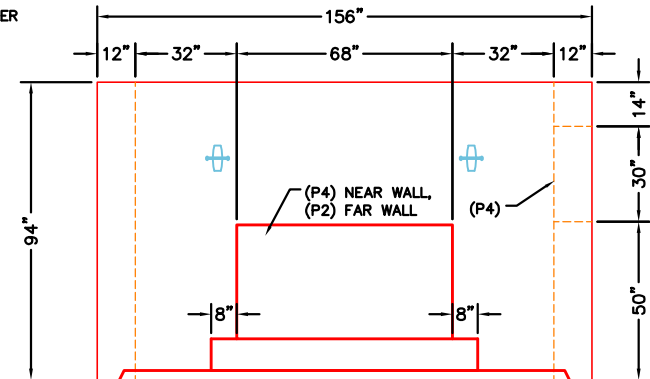
THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR.



PLAN VIEW



FRONT VIEW



SIDE VIEW

STRUCTURE NOTES:

1. MANUFACTURED PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. JOINT SEALANT – CONSEAL CS-231.
4. EXTERIOR JOINT WRAP – CONSEAL CS-212 & CS-75.
5. REINFORCING PER ASTM A615 (GRADE 60) EPOXY COATED. SEE ATTACHED DESIGN BY WINFORD A. PETRONE, PE.
6. 2 EA. HALLIDAY L1B WALL-MOUNT LADDERS SUPPLIED BY ICAST.

PRODUCTION WORK ORDER

PRODUCT I.D.: BX132132-12RSVF

DESCRIPTION: 132" X 132" X 94" TALL RISER



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

PLANT: BEAVER DAM, KY.

WEIGHT: 49,628 LBS.

TOP JOINT: FLAT

BOTTOM JOINT: GROOVE

QC CHECK INITIALS:

CUSTOMER: CLEARY CONSTRUCTION INC

PROJECT: UK BP9 SITE THERMAL AND ELECTRIC UTILITIES

STRUCTURE: VAULT 3

SALES ORDER/QUOTE NO: 25-2504

PC: C. GOFF

DRAWING: S. FELLETER

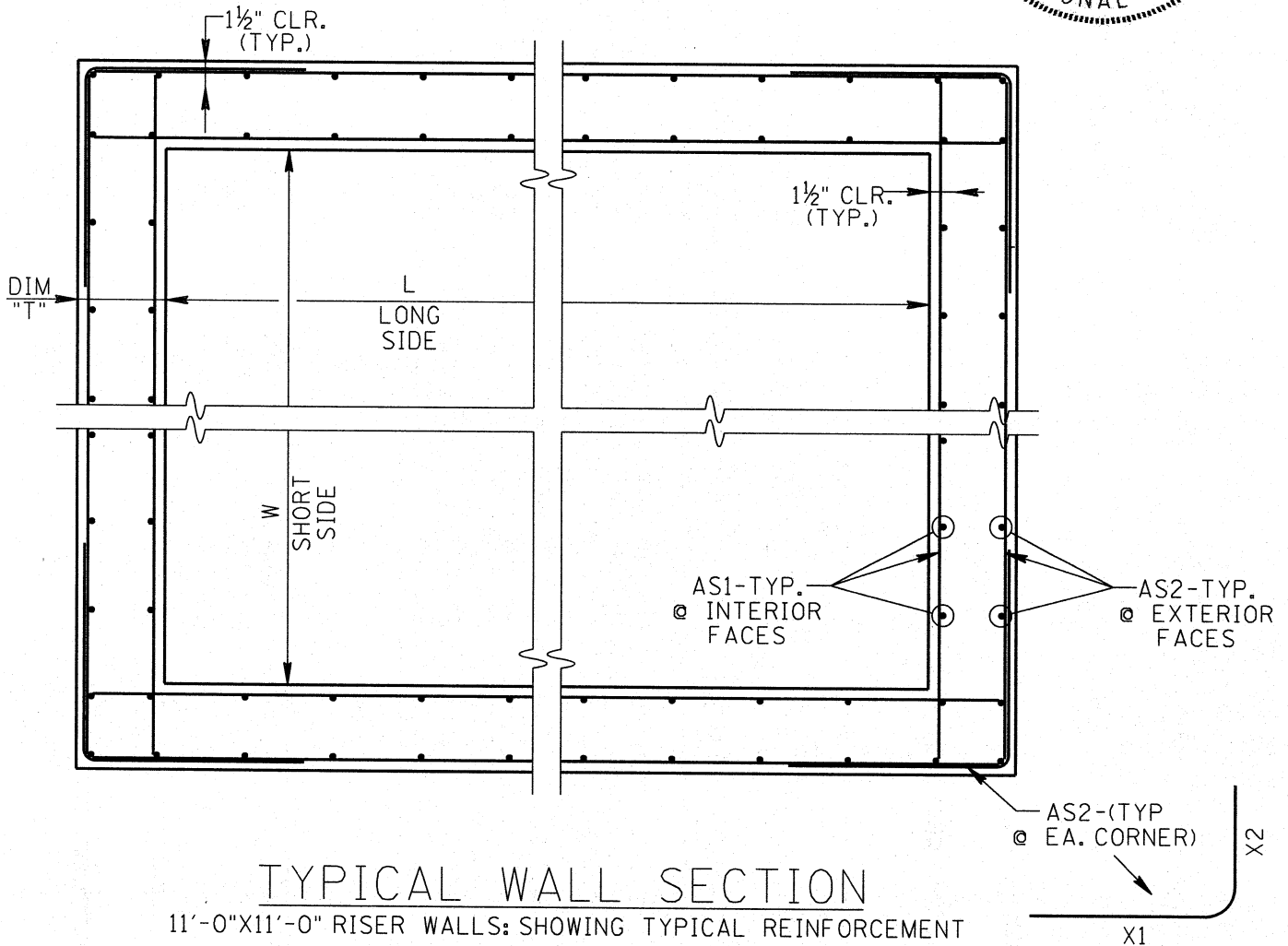
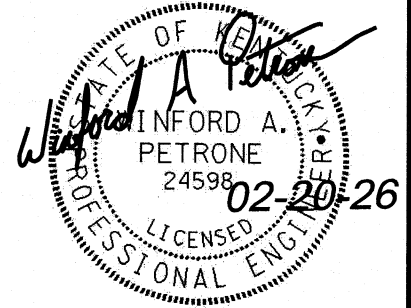
DATE: 07/31/26

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.



TYPICAL WALL SECTION

11'-0"X11'-0" RISER WALLS: SHOWING TYPICAL REINFORCEMENT

NOTE: ORIENT "X1" DIM. INTO LONG SIDE

DIMENSIONS AND REINFORCING STEEL

L	W	T	AS1	AS2	X1	X1
11'-0"	11'-0"	12"	8'S@12"	5'S@12"	2'-6"	2'-6"

NOTE: CUT VERTICAL AND HORIZONTAL BARS TO 2" CLEAR OF OPENINGS AND PROVIDE ADDITIONAL OPENING REINFORCEMENT AS DENOTED ON OPENINGS REINFORCEMENT SHEET.

SK-6

VAULT 3, TYPICAL RISER WALL SECTION

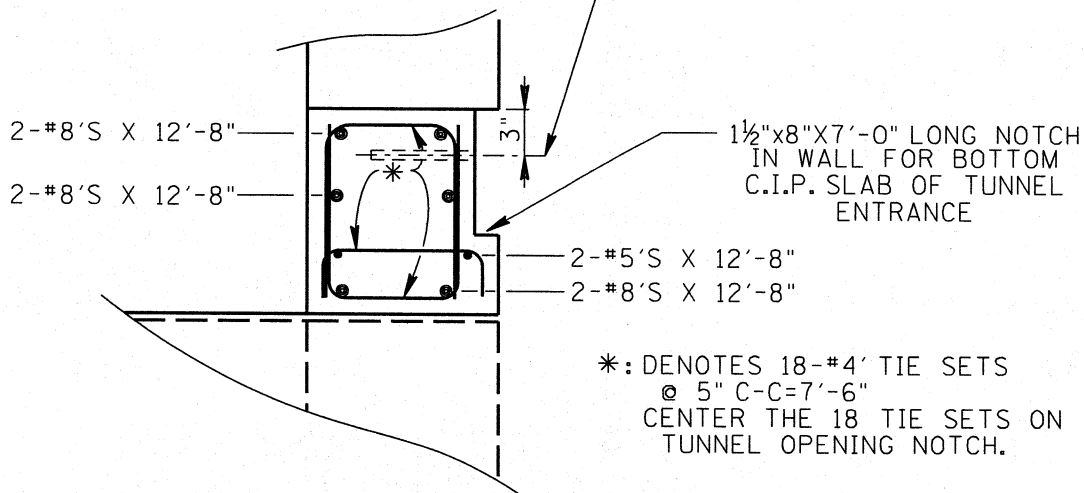
UK BP9 SITE THERMAL AND ELECTRIC

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.

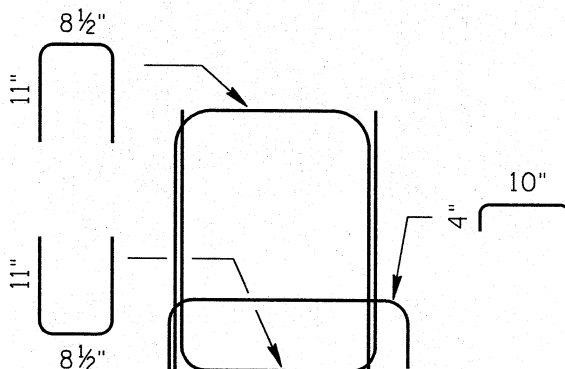


4- $\frac{5}{8}$ "X8" FABRICATOR-DRILLED HOLES @8" C.C.
FOR EPOXY ANCHORED #4'S X 3'-2"
WHICH ARE TO BE INSTALLED IN THE FIELD.



WALL SECTION @ TUNNEL NOTCHES

USE UNDER CURRENT AND FUTURE TUNNEL LOCATION



TYPICAL TIE SET

EACH TIE SET CONSIST OF THESE 3 BARS

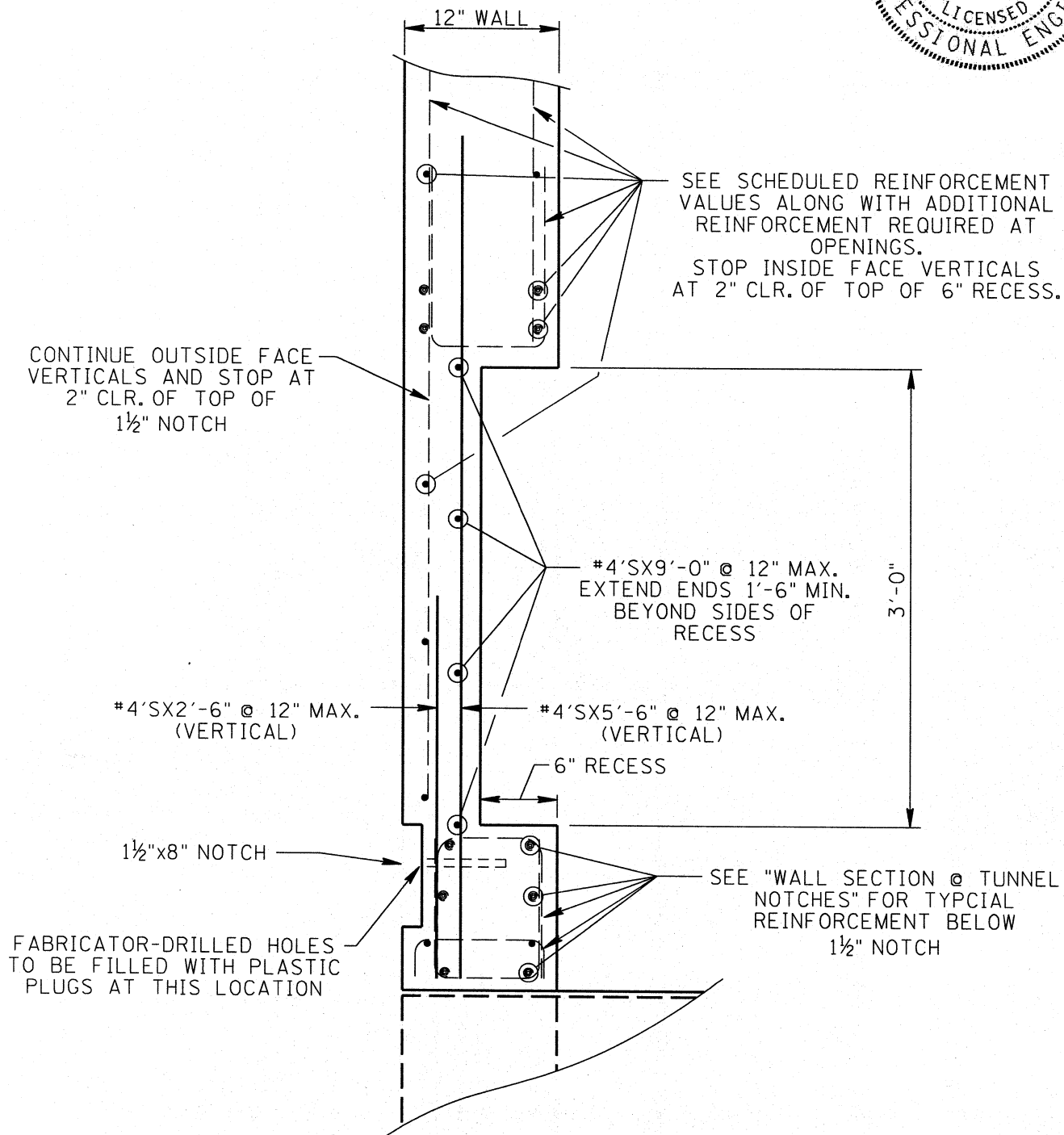
SK-7

VAULT 3, TUNNEL NOTCH IN RISER WALLS

UK BP9 SITE THERMAL AND ELECTRIC

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.

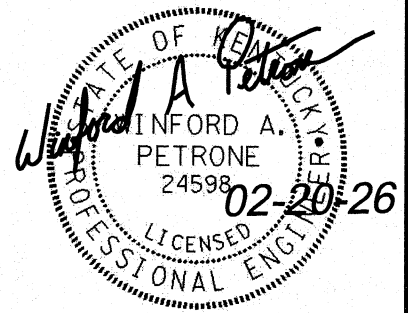


DETAIL @ RECESS FOR FUT. TUNNEL

SK-8

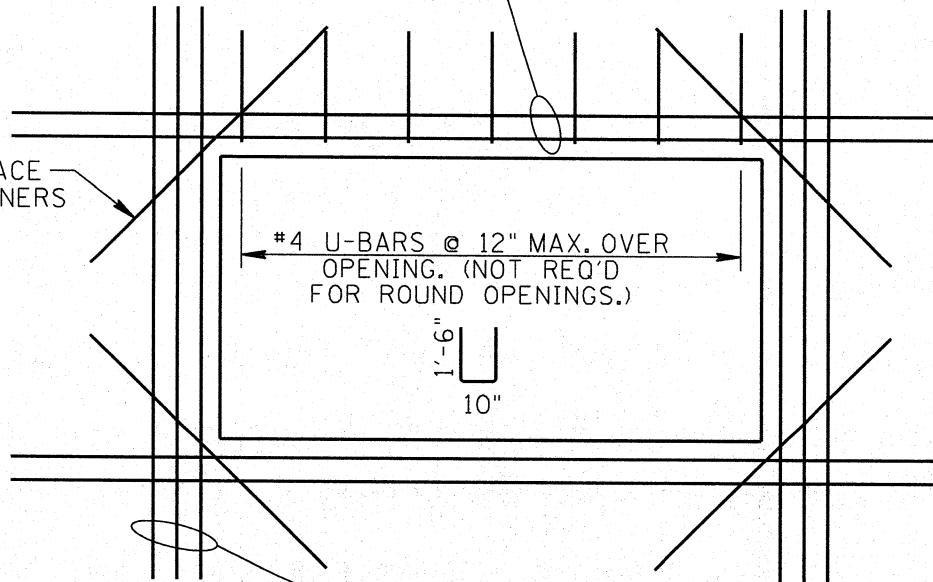
NOTE: SEE "PRECAST DESIGN SUBMITTALS, CONCRETE COMPONENTS" SHEET FOR SUMMARY OF BUILDING AND DESIGN CODES, MATERIALS REQUIREMENTS, AND DESIGN LOADS.

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



ADD 2-#8'S @ 3" C.C. EACH FACE,
AT TOP AND BOTTOM OF EACH OPENING.
EXTEND BARS TO LIMITS OF WALL-TYP.

1-#4X4'-0" EA. FACE
CENTERED ON CORNERS
(TYP.)



ADD 3-#8'S @ 3" C.C. EACH FACE,
AT EACH SIDE OF EACH OPENING.
EXTEND BARS TO LIMITS OF WALL-TYP.

ADDITIONAL WALL REINFORCEMENT @ OPENINGS

USE FOR ALL ROUND OR RECTANGULAR SIDE WALL OPENINGS.

NOTE: STOP SCHEDULED TYPICAL RE-BAR 2"
CLEAR OF HOLE AND ADD SUPPLEMENTAL
RE-BAR AS SHOWN.

SK-9

VAULT 3, RISER WALLS: SUPPLEMENTAL OPENING REINFORCEMENT
UK BP9 SITE THERMAL AND ELECTRIC