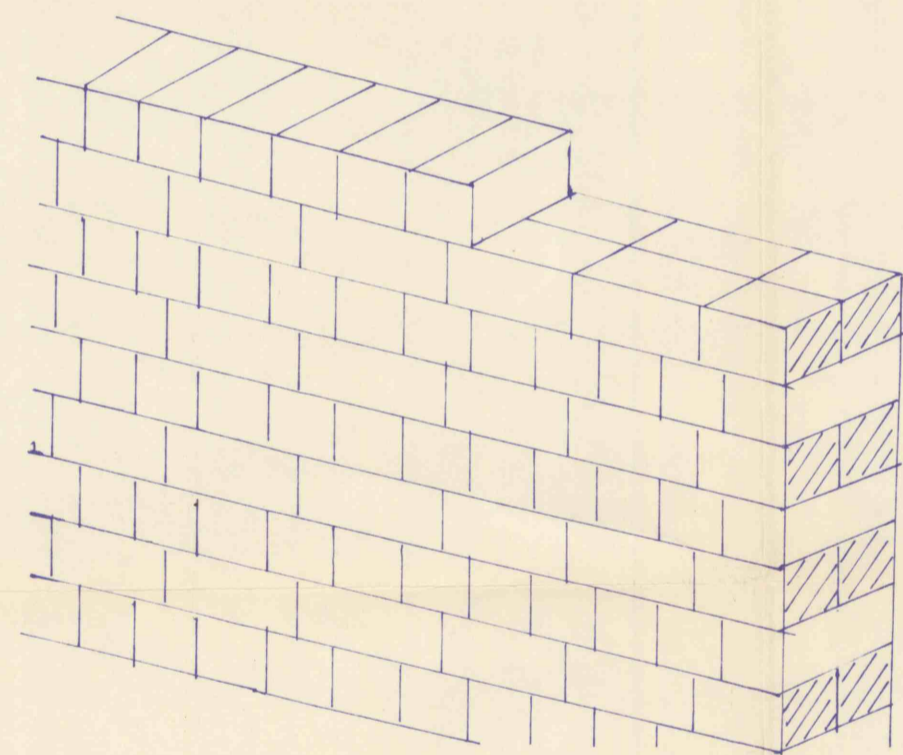


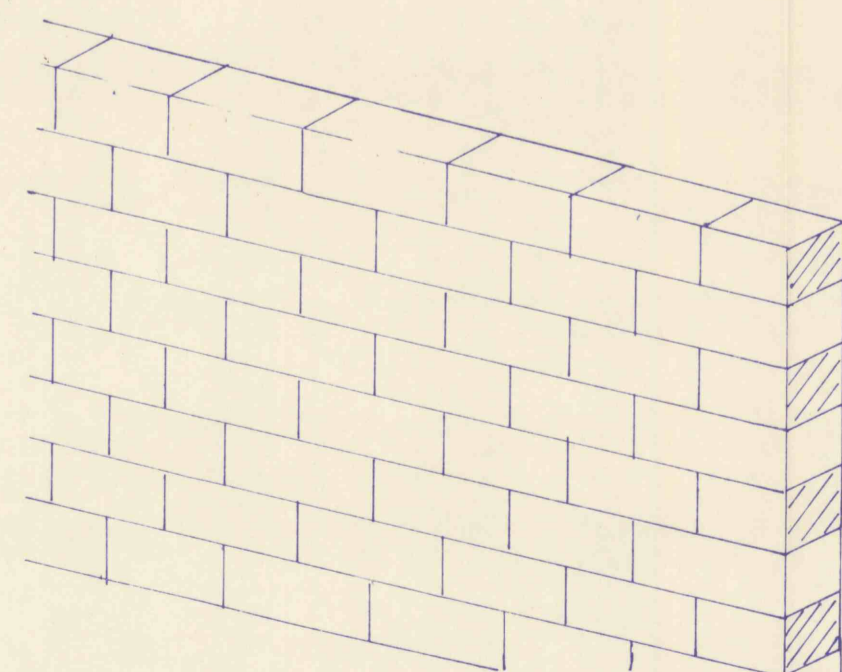
PLAN
NOT TO SCALE



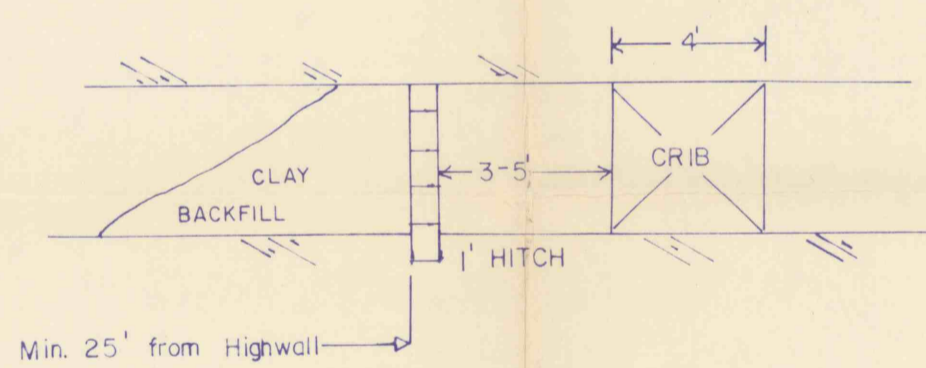
ENTRY NO. 1

BLOCK PATTERNS

NOT TO SCALE



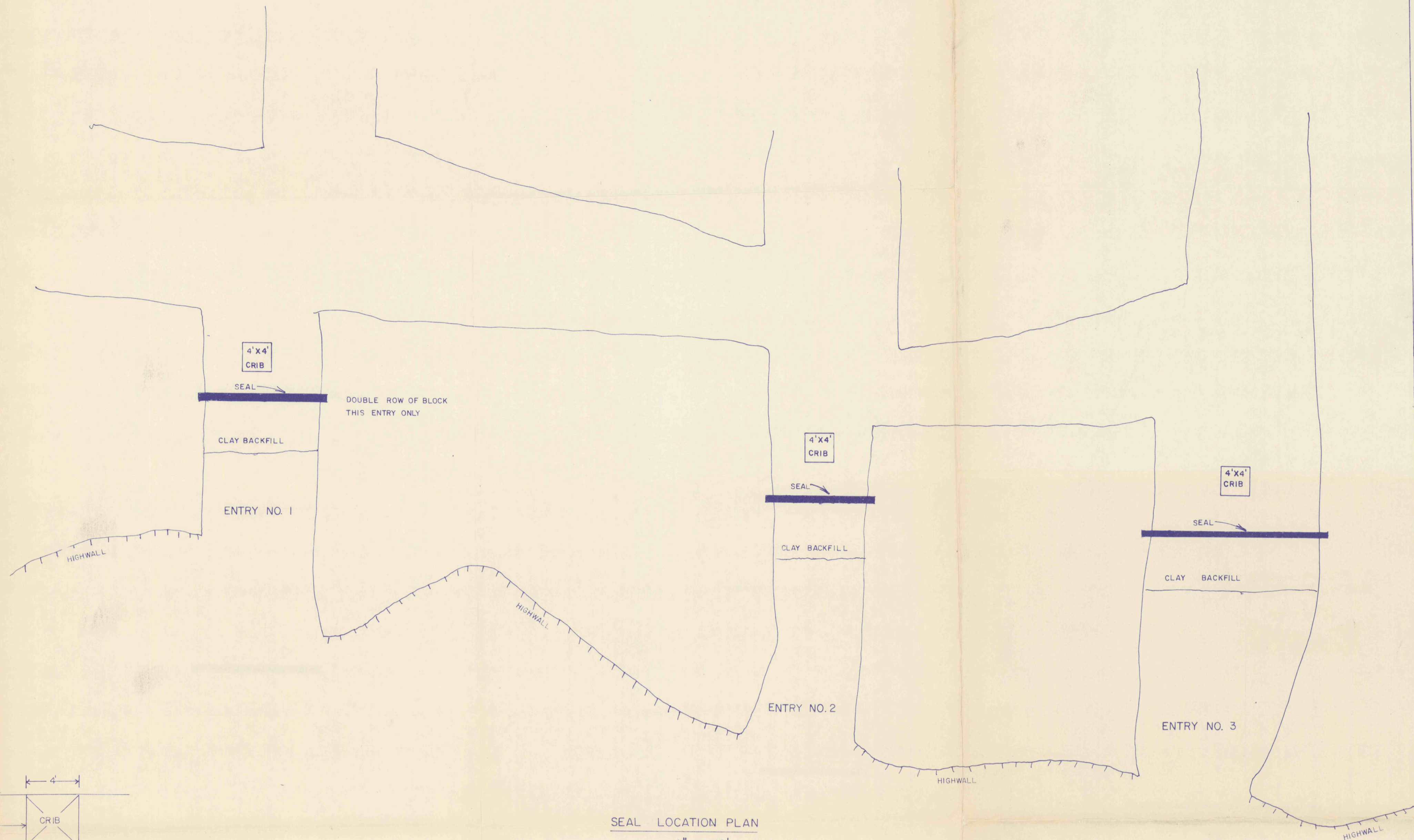
ENTRY NOS. 2 & 3



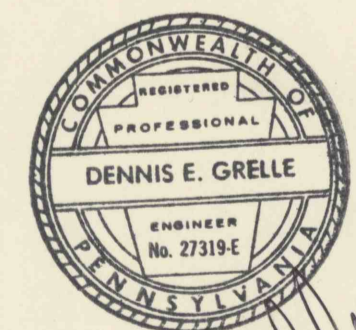
SIDE VIEW
NOT TO SCALE

NOTES ON SEAL CONSTRUCTION

1. Seals to be constructed of 12 inch concrete block with mortared joints.
2. Prior to seal construction all loose material will be removed from the ribs, roof and floor for at least three feet on either side of the point where the seal is to be placed.
3. Seal hitching of at least one foot into the ribs and bottom will take place before seal construction.
4. Cribs and/or timbers that are preservative treated shall be placed as required in the seal area to prevent roof falls from damaging the seals. These supports shall be placed on the opposite sides of the seal as the clay backfill material.
5. Placement of cribbing and clay backfill material may be placed on opposite sides of seal as shown in the diagrams, depending on available access routes for seal placement.



SEAL LOCATION PLAN
1" = 10'



Dennis E. Grelle

RECEIVED

AUG - 6 1987

Dept. of Environmental Resources
McMurray District Office

| CHG | DESCRIPTION | BY | DATE |
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KRAYNAK COAL COMPANY
KRAYNAK NO. 3 MINE

EXISTING PORTAL SITE

SCALE: AS NOTED
DATE: JULY 31, 1987

DRAWN BY: DEG
APPROVED BY:

MINE SEALING PLAN