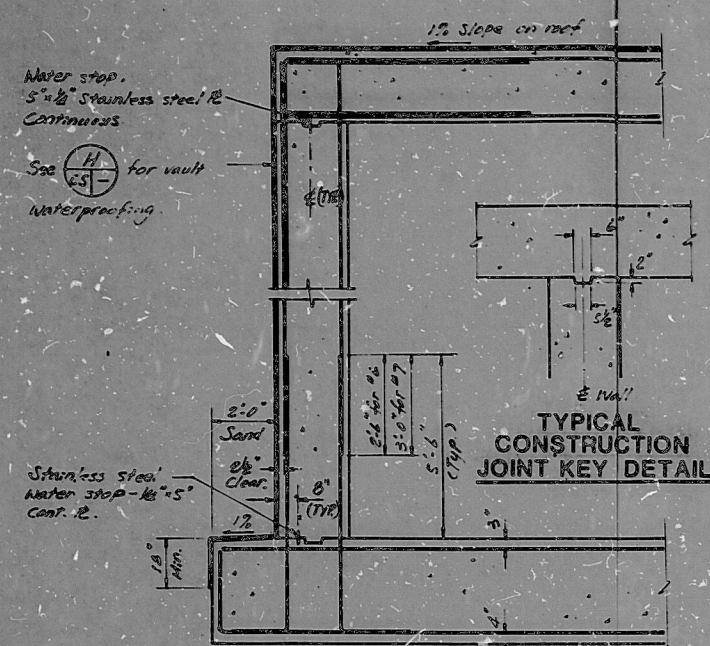
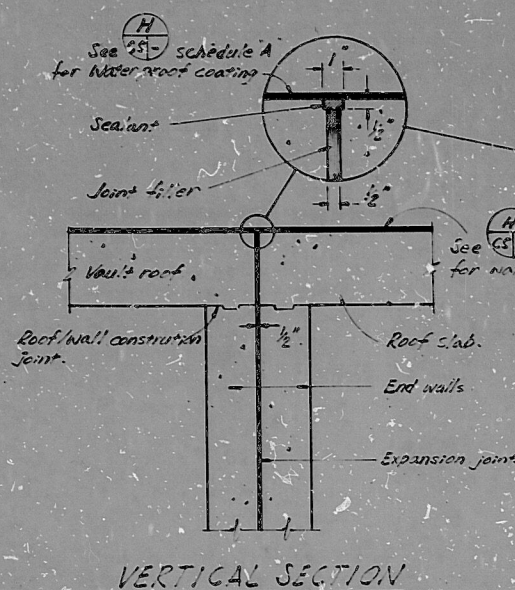
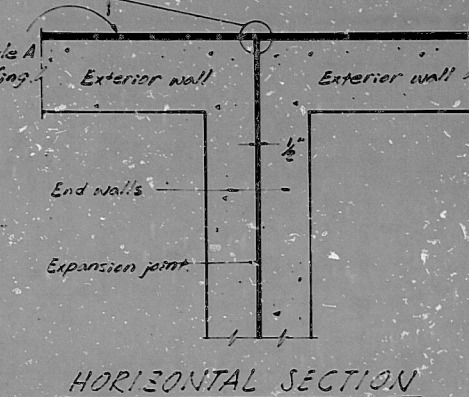




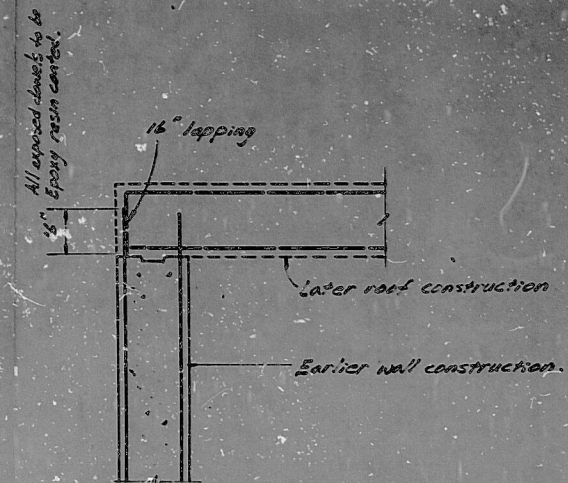
1 CONSTRUCTION JOINT AND REINFORCING BAR OVERLAPPING DETAIL
SCALE: 3/8" = 1'-0"



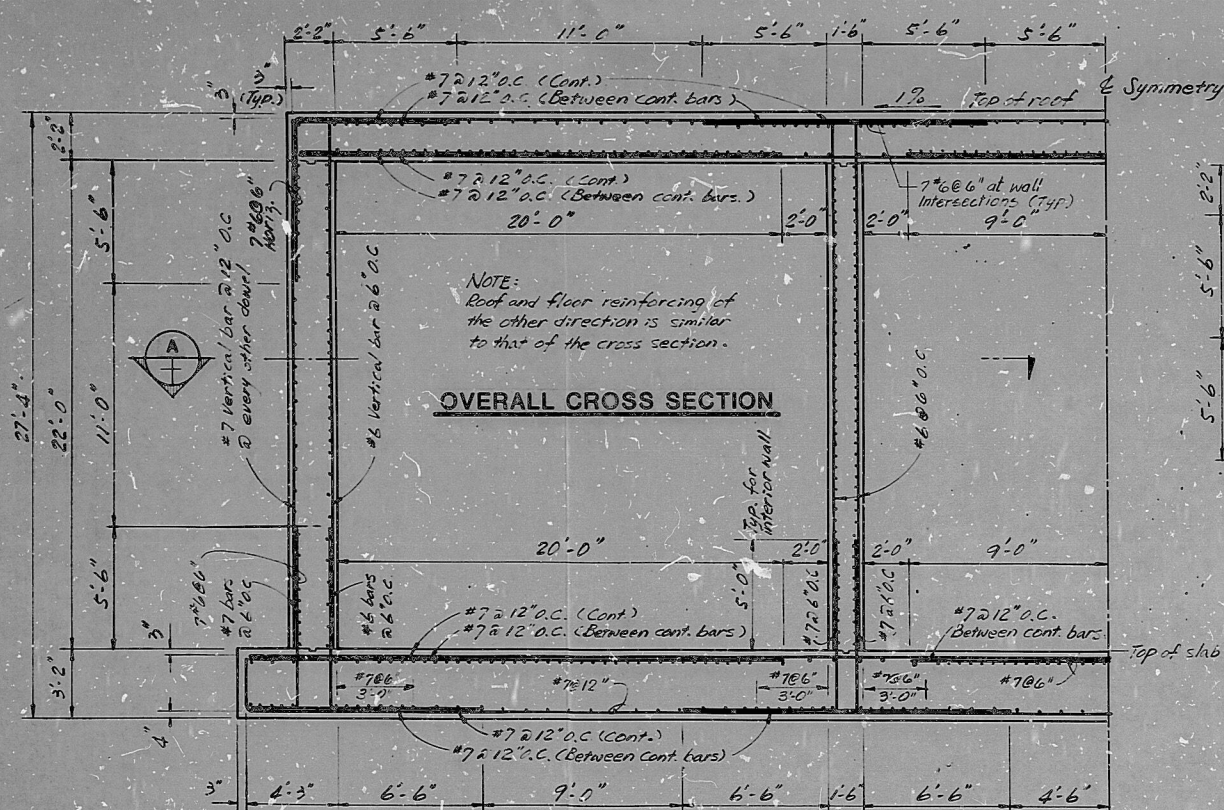
2 TYPICAL EXPANSION JOINT DETAIL
SCALE: 3/8" = 1'-0"



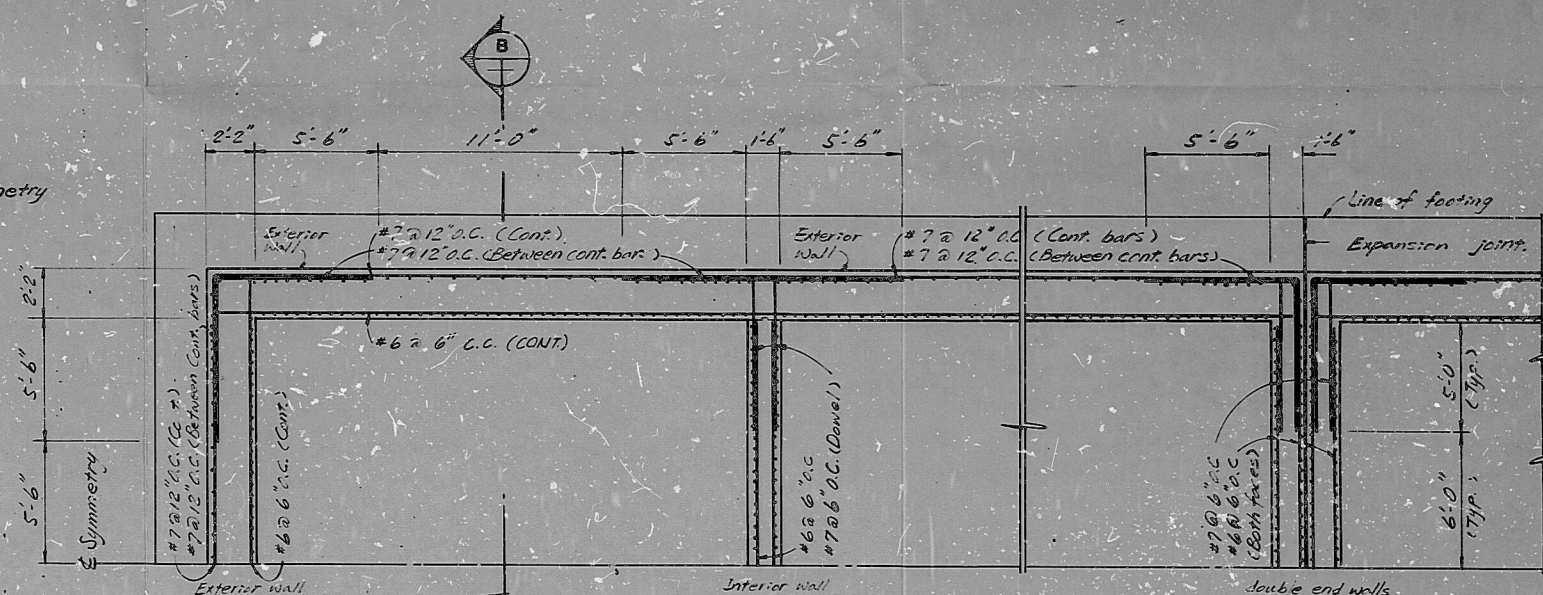
3 TYPICAL EXPANSION JOINT DETAIL
SCALE: 3/8" = 1'-0"



4 TYPICAL ROOF/WALL REINFORCING CONNECTING DETAIL
SCALE: 3/8" = 1'-0"



A CLASS "A" VAULT REINFORCING DETAIL
SCALE: 1" = 4'-0"



B CLASS "A" VAULT REINFORCING DETAIL
SCALE: 1" = 4'-0"

- NOTE:
- (1) Type II Portland cement shall be used for concrete for construction of Class A vault.
 - (2) Specified compressive strength of concrete at 28 days:
fc' = 5,000 psi for exterior walls and end walls of Class A vault
fc' = 4,000 psi for roof, floor and interior wall of Class A vault
 - (3) The floor mat, the exterior walls (including end walls), and the roof shall each be constructed as integral units without joints. No construction joints will be provided except as indicated on the design drawings or as permitted by authorized engineer.
 - (4) When construction joints (between the exterior wall or end wall) and floor or between the exterior wall (or end wall) and roof are made, the concrete surfaces shall be thoroughly cleaned, with all laitance and standing water removed. The construction joints shall be thoroughly wetted and placed with 1/4" to 1/2" high-strength mortar (fc' = 5,000 psi) immediately before new concrete is placed.
 - (5) All reinforcement steel shall be deformed billet steel conforming to ASTM A615 grade 60.

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EG&G Idaho, Inc.
Prototype Licensing Project
Below Ground Vault

CLASS A VAULT REINFORCING DETAILS

DRAWING NO.: RAE87100-C06

PDR RIDS

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