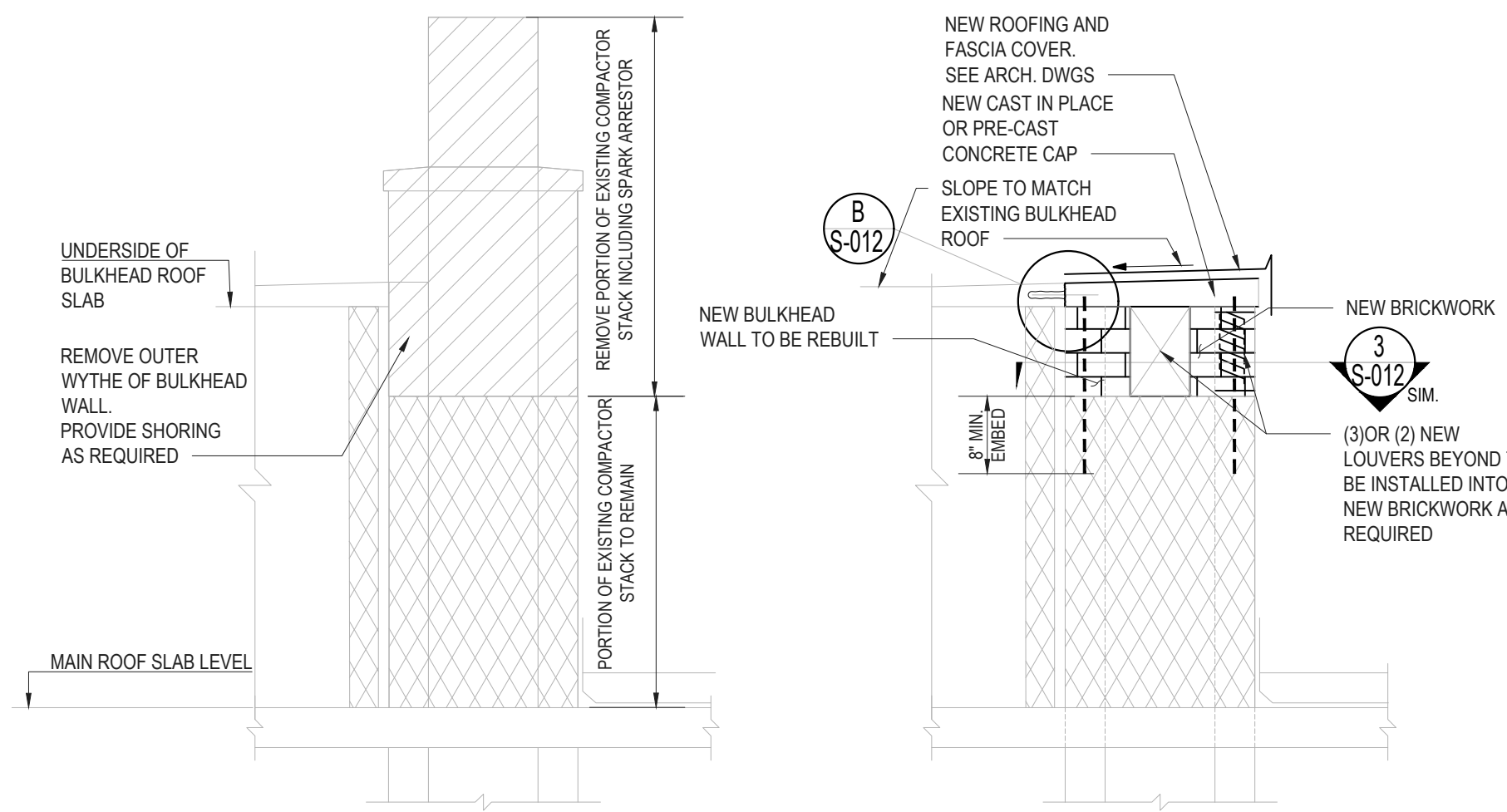


(E) COMPACTOR STACK ELEVATION

COMPACTOR STACK ELEVATION WITH (N) BRICKWORK

1 COMPACTOR STACK STANDS ALONE ON MAIN ROOF  
SCALE: N.T.S.

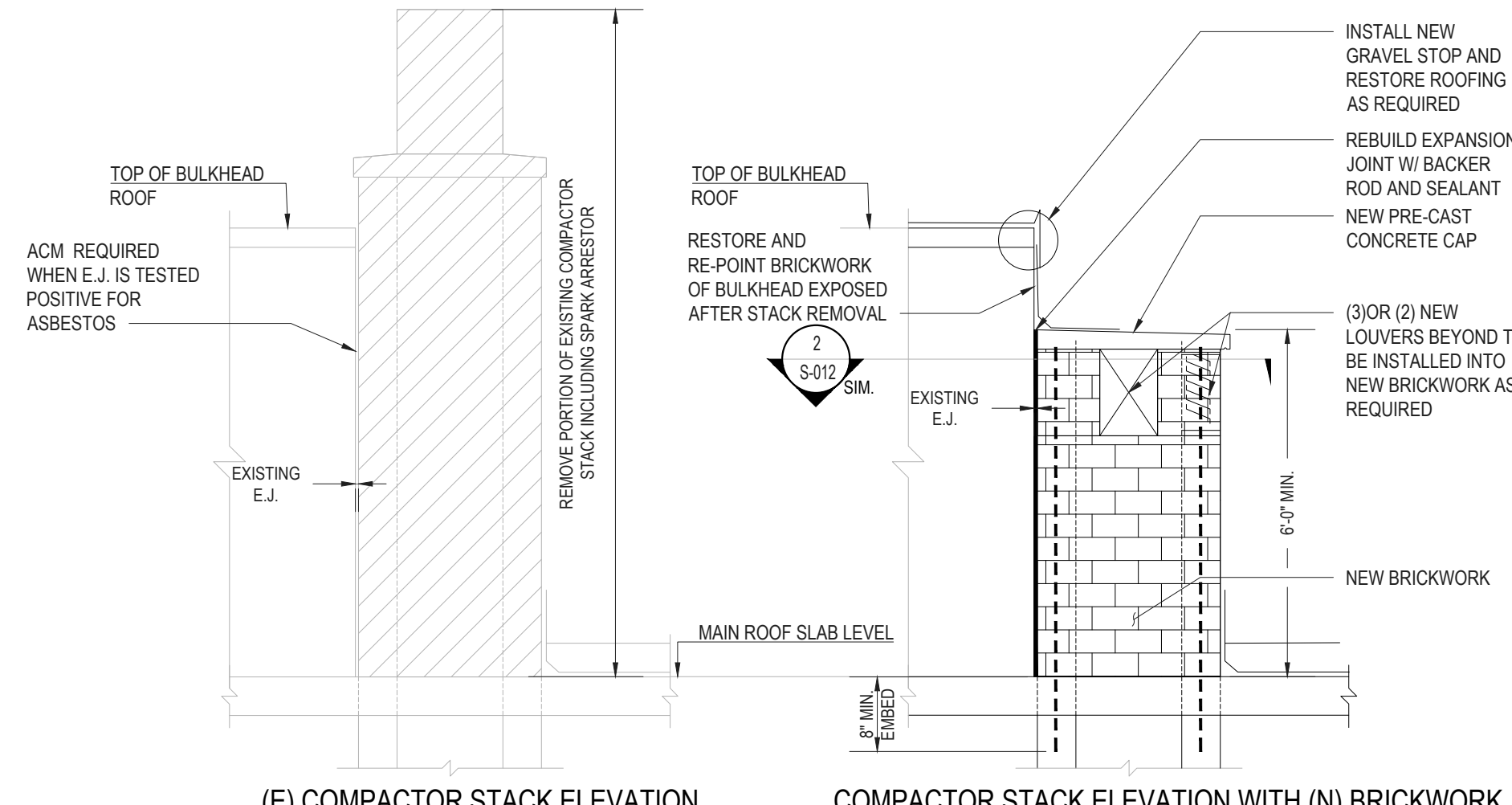


(E) COMPACTOR STACK ELEVATION

COMPACTOR STACK ELEVATION WITH (N) BRICKWORK

3 COMPACTOR STACK ADJACENT TO BULKHEAD (ATTACHED)  
SCALE: N.T.S.

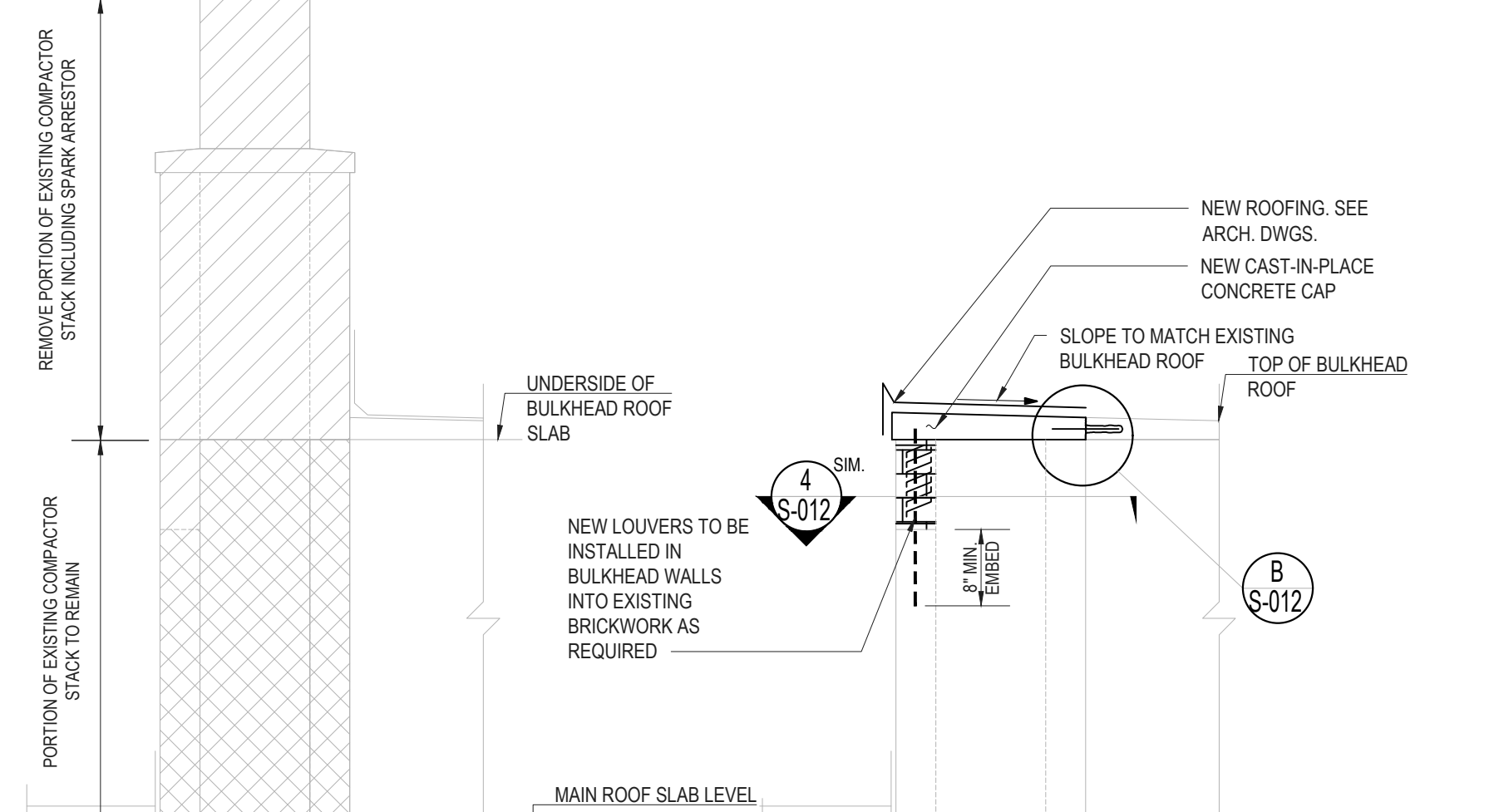
NOTE: (E) BULKHEAD WALL IS SHOWN AS CAVITY WALL. VERIFY IN FIELD TYPE OF BULKHEAD WALL CONSTRUCTION.



(E) COMPACTOR STACK ELEVATION

COMPACTOR STACK ELEVATION WITH (N) BRICKWORK

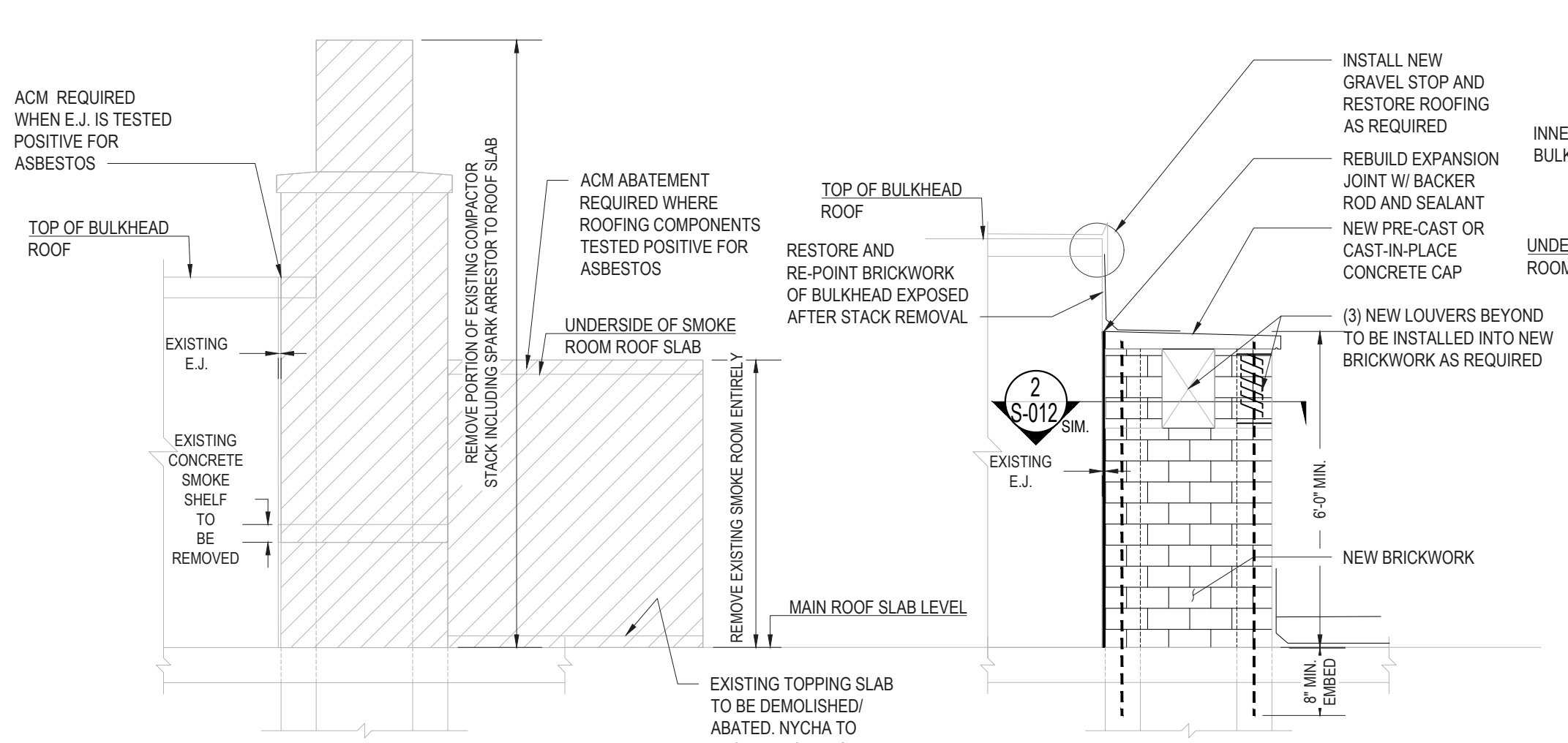
2 COMPACTOR STACK ADJACENT TO BULKHEAD (DETACHED, WITH E.J.)  
SCALE: N.T.S.



(E) COMPACTOR STACK ELEVATION

COMPACTOR STACK ELEVATION WITH (N) LOUVERS IN (E) BRICKWORK

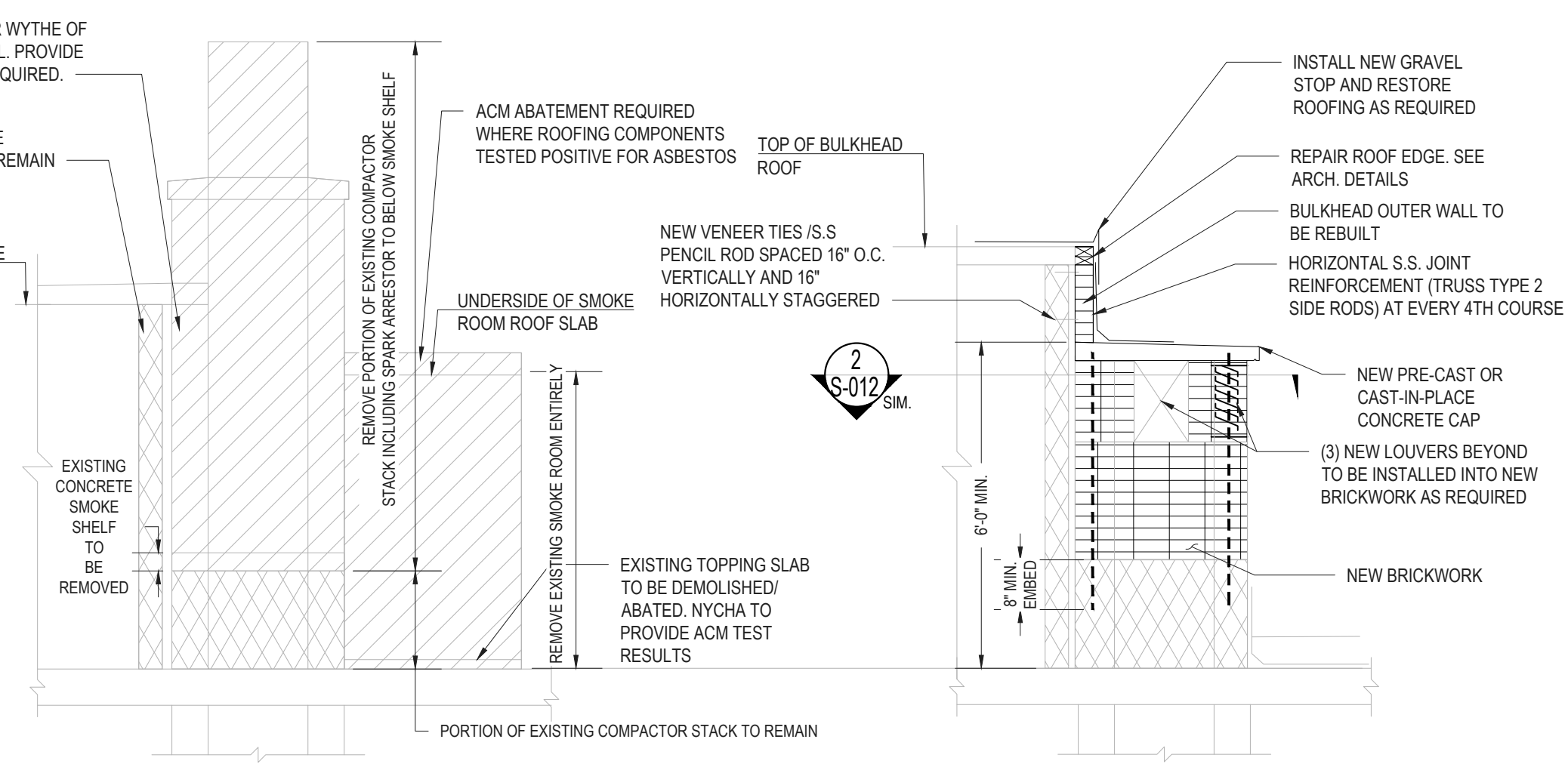
4 COMPACTOR STACK INSIDE OF BULKHEAD ONE SIDE INTEGRAL WITH BULKHEAD WALL  
SCALE: N.T.S.



(E) COMPACTOR STACK ELEVATION

COMPACTOR STACK ELEVATION WITH (E) BRICKWORK

5 COMPACTOR STACK ADJACENT TO BULKHEAD (DETACHED, WITH E.J.)  
WITH SMOKE ROOM  
SCALE: N.T.S.



(E) COMPACTOR STACK ELEVATION

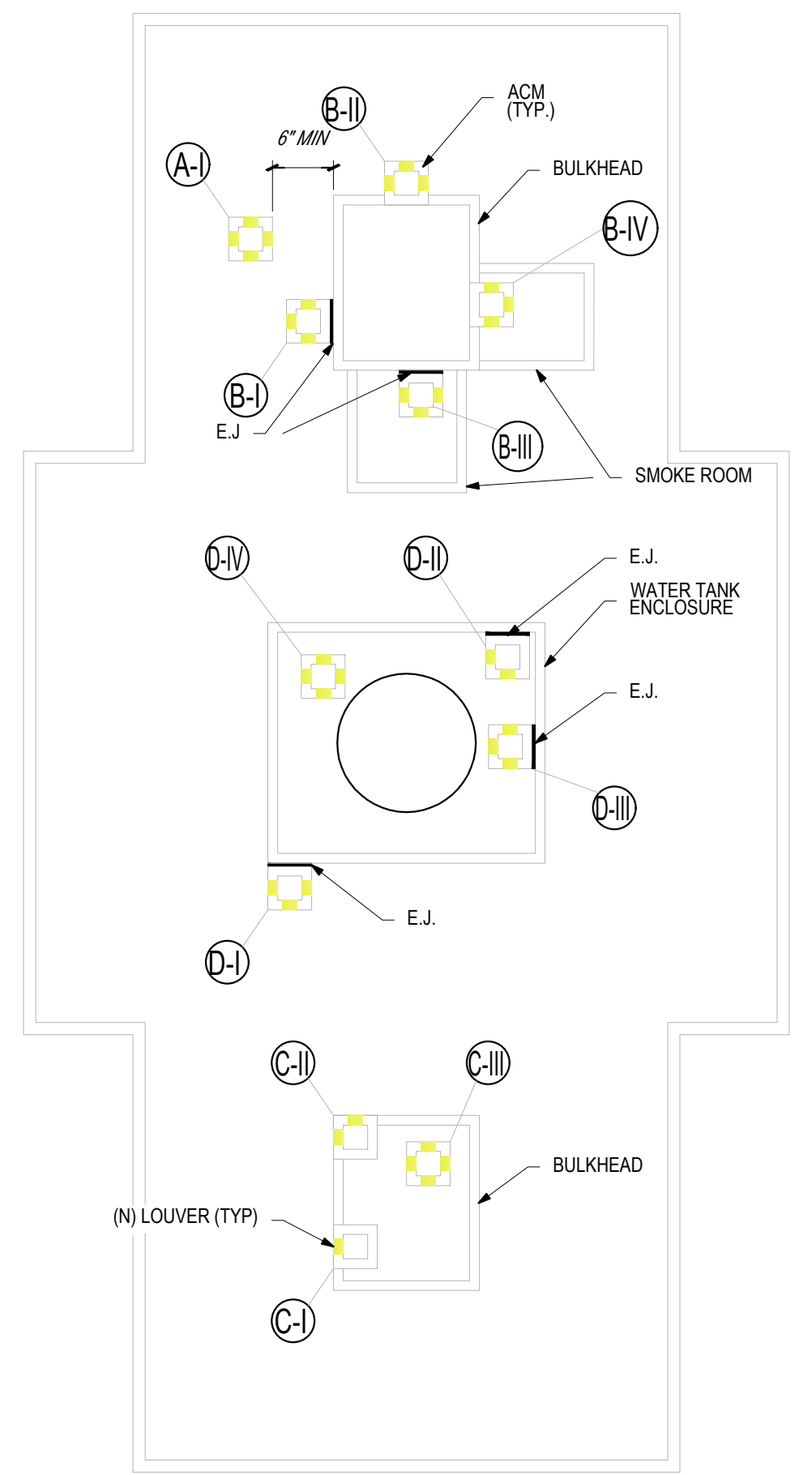
COMPACTOR STACK ELEVATION WITH (E) BRICKWORK

6 COMPACTOR STACK ADJACENT TO BULKHEAD (ATTACHED)  
WITH SMOKE ROOM  
SCALE: N.T.S.

NOTE: (E) BULKHEAD WALL IS SHOWN AS CAVITY WALL. VERIFY IN FIELD TYPE OF BULKHEAD WALL CONSTRUCTION.

TABLE 1 - COMPACTOR STACK MODIFICATIONS BY CONDITION

COMPACTOR STACK CONDITION	BRICKWORK	REF. DETAIL S-011	
A - PENETRATING MAIN ROOF	1. NO ADJACENT ROOF STRUCTURES 2. DEMOLISH DOWN TO MAIN ROOF SLAB 3. REBUILD WALLS WITH LOUVERS 4. CAP WITH NEW PRECAST CAP SLOPED, OR CAST-IN-PLACE CONCRETE CAP USING FORM DECK. 5. INSTALL LOUVERS ON 4 (FOUR) SIDES.	1	
B - OUTSIDE OF BULKHEAD	I FLUSH WITH OUTSIDE WALL WITH EXPANSION JOINT	1. FOLLOW A-1 BRICKWORK STEPS 2. CAP WITH NEW PRECAST CAP SLOPED OR CAST-IN-PLACE CAP USING FORM DECK 3. INSTALL LOUVERS ON 3 (THREE) SIDES	2
	II INTEGRAL WITH OUTSIDE STACK WALL WITHOUT EXPANSION JOINT	1. REMOVE THE COMPACTOR STACK DOWN TO ± 2'-6" BELOW THE UNDERSIDE OF THE BULKHEAD ROOF SLAB ON 3 EXTERIOR SIDES OF THE COMPACTOR STACK. 2. REMOVE OUTER WYTHE OF BULKHEAD WALL DOWN TO ± 2'-6" TO UNDERSIDE OF THE BULKHEAD ROOF SLAB. 3. REBUILD WALLS WITH LOUVERS ON 3 (THREE) SIDES. 4. CAP WITH NEW CAST IN PLACE CONCRETE CAP USING FORM DECK, SLOPED TO MATCH EXISTING BULKHEAD ROOF SLOPE.	3
	III FLUSH WITH OUTSIDE WALL WITH EXPANSION JOINT AND ENCLOSED INSIDE SMOKE ROOM	1. REMOVE/ABATE EXISTING TOPPING SLAB AS REQUIRED AT SMOKE ROOM. 2. DEMOLISH SMOKE ROOM. 3. CUT THE STACK TO UNDERSIDE OF SMOKE SHELF AS NEEDED. 4. MAKE NEW OPENING W/LOUVER IN EXISTING BRICKS AS REQUIRED. 5. INSTALL LOUVERS ON 3 (THREE) SIDES. 6. CAP WITH NEW PRECAST CONCRETE CAP SLOPED OR CAST-IN-PLACE CONCRETE CAP USING FORM DECK.	5
	IV INTEGRAL WITH OUTSIDE WALL WITHOUT EXPANSION JOINT AND ENCLOSED SMOKE ROOM	1. REMOVE (ABATE) (E) TOPPING SLAB AS REQUIRED AT SMOKE ROOM. 2. DEMOLISH SMOKE ROOM. 3. DEMOLISH STACK TO TOP SIDE OF (E) CONCRETE SHELF INCLUDING BULKHEAD EXTERIOR BRICK VENEER THAT IS INTEGRAL WITH STACK. 4. REBUILD BULKHEAD VENEER AND PORTION OF BULKHEAD ROOF SLAB. 5. INSTALL CAP AS INDICATED ABOVE.	6
C - INSIDE OF BULKHEAD	I INTEGRAL WITH ONE OUTSIDE WALL	1. CUT TO UNDERSIDE OF BULKHEAD ROOF SLAB 2. CUT (E) BULKHEAD WALL AS REQUIRED 3. CAP WITH (N) CIP CONCRETE CAP, USING FORM DECK, SLOPED TO MATCH (E) BULKHEAD ROOF 4. EXTEND ROOFING OVER (N) CAP, SLOPE TO MATCH BULKHEAD ROOF 5. INSTALL 1 (ONE) LOUVER AT EXTERIOR WALL	4 SIM.
	II INTEGRAL WITH TWO OUTSIDE WALLS	1. FOLLOW C-1 BRICKWORK STEPS 2. INSTALL 2 (TWO) LOUVER AT EXTERIOR WALLS 3. EXTEND ROOFING OVER (N) CAP, SLOPE TO MATCH BULKHEAD ROOF	4
	III DETACHED FROM OUTSIDE WALLS	1. FOLLOW A-1 BRICKWORK STEPS	1 SIM.
D - ADJACENT TO AND INSIDE WATER TOWER ENCLOSURE.	I FLUSH W/ ONE ENCLOSURE WALL, DETACHED, INSIDE OR OUTSIDE ENCLOSURE WITH EXPANSION JOINT.	1. FOLLOW B-1 BRICKWORK STEPS	2 SIM.
	II FLUSH W/ TWO ENCLOSURE WALLS, DETACHED, INSIDE WITH EXPANSION JOINT.	1. FOLLOW A-1 BRICKWORK STEPS 2. PROVIDE LOUVERS ON 2 (TWO) SIDES	2 SIM.
	III INSIDE ENCLOSURE, DETACHED WITH EXPANSION JOINT.	1. FOLLOW B-1 BRICKWORK STEPS	2 SIM.
	IV INSIDE ENCLOSURE, PENETRATING ROOF.	1. FOLLOW A-1 BRICKWORK STEPS	1 SIM.



SCHEMATIC ROOF PLAN WITH DIFFERENT COMPACTOR STACK LOCATIONS

LEGEND:  
 MASONRY TO BE REMOVED  
 (E) MASONRY TO BE RETAINED  
 NEW BRICKWORK

ABBREVIATIONS:  
 CIP - CAST IN PLACE  
 E.J. - EXPANSION JOINT  
 (E) - EXISTING  
 (N) - NEW  
 S.A.D. - SEE ARCHITECTURE DRAWINGS  
 S.S. - STAINLESS STEEL

PROPOSED TYPICAL COMPACTOR STACK MODIFICATION DETAILS-I