

COMPACTOR STACK ADJACENT TO BULKHEAD (DETACHED, WITH E.J.)

TOP OF BULKHEAD

RE-POINT BRICKWORK

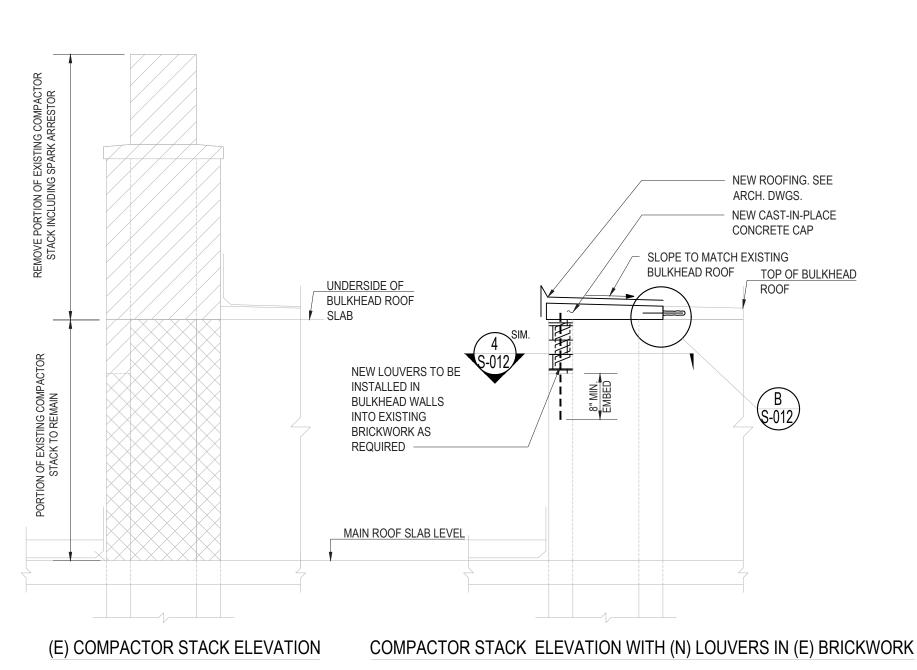
OF BULKHEAD EXPOSED

AFTER STACK REMOVAL

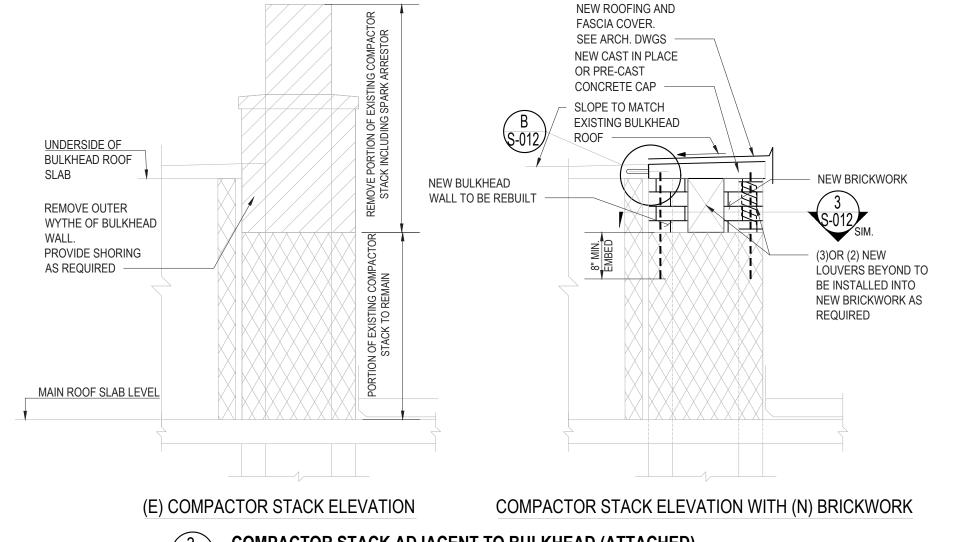
MAIN ROOF SLAB LEVEL

RESTORE AND

ROOF



COMPACTOR STACK INSIDE OF BULKHEAD ONE SIDE INTEGRAL WITH BULKHEAD WALL



RE-POINT BRICKWORK

OF BULKHEAD EXPOSED

AFTER STACK REMOVAL

MAIN ROOF SLAB LEVEL

EXISTING TOPPING SLAB TO BE DEMOLISHED/

ABATED. NYCHA TO PROVIDE ACM TEST

RESULTS

COMPACTOR STACK ADJACENT TO BULKHEAD (ATTACHED)

UNDERSIDE OF SMOKE

ROOM ROOF SLAB

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

ACM REQUIRED WHEN E.J. IS TESTED POSITIVE FOR ASBESTOS -ACM ABATEMENT TOP OF BULKHEAD REQUIRED WHERE ROOFING COMPONENTS TOP OF BULKHEAD TESTED POSITIVE FOR

EXISTING

EXISTING

CONCRETE

SMOKE SHELF TO

REMOVED

E.J.

BULKHEAD WALL. PROVIDE INSTALL NEW SHORING AS REQUIRED. -GRAVEL STOP AND RESTORE ROOFING AS REQUIRED INNER WYTHE OF THE BULKHEAD WALL TO REMAIN -REBUILD EXPANSION JOINT W/ BACKER ROD AND SEALANT NEW PRE-CAST OR UNDERSIDE OF SMOKE CAST-IN-PLACE ROOM ROOF SLAB CONCRETE CAP (3) NEW LOUVERS BEYOND TO BE INSTALLED INTO NEW BRICKWORK AS REQUIRED NEW BRICKWORK

COMPACTOR STACK ELEVATION WITH (E) BRICKWORK

REMOVE OUTER WYTHE OF

EXISTING CONCRETE SMOKE SHELF REMOVED (E) COMPACTOR STACK ELEVATION

EXISTING TOPPING SLAB TO BE DEMOLISHED/ ABATED. NYCHA TO PROVIDE ACM TEST RESULTS PORTION OF EXISTING COMPACTOR STACK TO REMAIN COMPACTOR STACK ELEVATION WITH (E) BRICKWORK

INSTALL NEW GRAVEL STOP AND RESTORE ROOFING AS REQUIRED REBUILD EXPANSION JOINT W/ BACKER

ROD AND SEALANT

NEW PRE-CAST CONCRETE CAP

(3)OR (2) NEW

REQUIRED

LOUVERS BEYOND TO

BE INSTALLED INTO NEW BRICKWORK AS

NEW BRICKWORK

COMPACTOR STACK ELEVATION WITH (N) BRICKWORK

COMPACTOR STACK ADJACENT TO BULKHEAD (ATTACHED) WITH SMOKE ROOM

ACM ABATEMENT REQUIRED

ROOM ROOF SLAB

WHERE ROOFING COMPONENTS
TESTED POSITIVE FOR ASBESTOS
ROOF

UNDERSIDE OF SMOKE HORIZONTALLY STAGGERED

NEW VENEER TIES /S.S

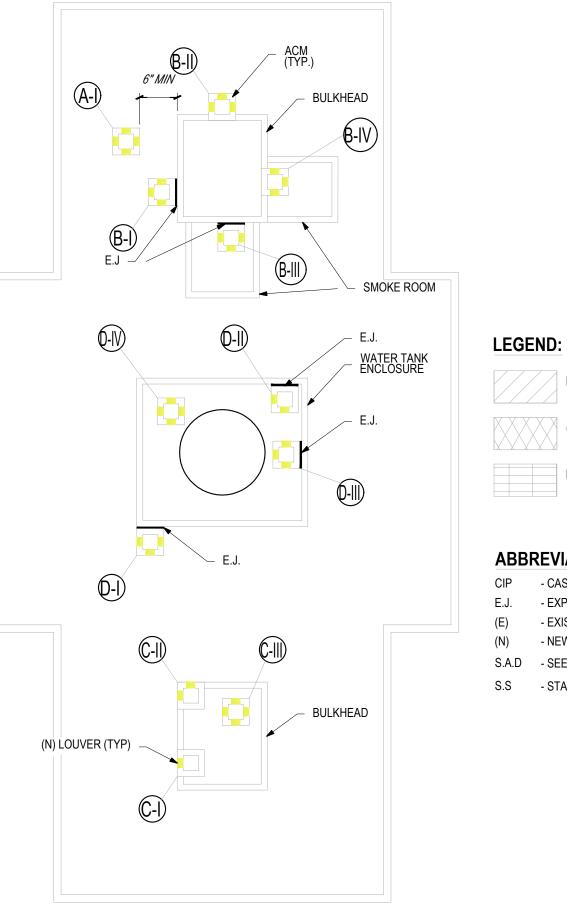
VERTICALLY AND 16"

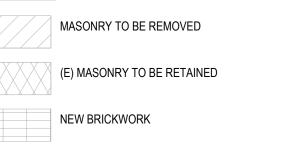
PENCIL ROD SPACED 16" O.C.

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-01
A- PENETRATING MAIN ROOF	I	NO ADJACENT ROOF STRUCTURES	 DEMOLISH DOWN TO MAIN ROOF SLAB REBUILD WALLS WITH LOUVERS CAP WITH NEW PRECAST CAP SLOPED, OR CAST-IN-PLACE CONCRETE CAP USING FORM DECK. INSTALL LOUVERS ON 4 (FOUR) SIDES. 	1
B- OUTSIDE OF BULKHEAD	I	FLUSH WITH OUTSIDE WALL WITH EXPANSION JOINT	 FOLLOW A-I BRICKWORK STEPS CAP WITH NEW PRECAST CAP SLOPED OR CAST-IN-PLACE CAP USING FORM DECK. INSTALL LOUVERS ON 3 (THREE)SIDES 	2
	II	INTEGRAL WITH OUTSIDE STACK WALL WITHOUT EXPANSION JOINT	 REMOVE THE COMPACTOR STACK DOWN TO ± 2'-6" BELOW THE UNDERSIDE OF THE BULKHEAD ROOF SLAB ON 3 EXTERIOR SIDES OF THE COMPACTOR STACK. REMOVE OUTER WYTHE OF BULKHEAD WALL DOWN TO ± 2'-6" TO UNDERSIDE OF THE BULKHEAD ROOF SLAB. REBUILD WALLS WITH LOUVERS ON 3 (THREE) SIDES. 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	 REMOVE/ ABATE EXISTING TOPPING SLAB AS REQUIRED AT SMOKE ROOM. DEMOLISH SMOKE ROOM. CUT THE STACK TO UNDERSIDE OF SMOKE SHELF AS NEEDED. MAKE NEW OPENING W/LOUVER IN EXISTING BRICKS AS REQUIRED. INSTALL LOUVERS ON 3 (THREE) SIDES. 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	 REMOVE /ABATE (E) TOPPING SLAB AS REQUIRED AT SMOKE ROOM. DEMOLISH SMOKE ROOM. DEMOLISH STACK TO TOP SIDE OF (E) CONCRETE SHELF INCLUDING BULKHEAD EXTERIOR BRICK VENEER THAT IS INTEGRAL WITH STACK. REBUILD BULKHEAD VENEER AND PORTION OF BULKHEAD ROOF SLAB. INSTALL CAP AS INDICATED ABOVE. 	6
C - INSIDE OF BULKHEAD	I	INTEGRAL WITH ONE OUTSIDE WALL	 CUT TO UNDERSIDE OF BULKHEAD ROOF SLAB CUT (E) BULKHEAD WALL AS REQUIRED CAP WITH (N) CIP CONCRETE CAP, USING FORM DECK, SLOPED TO MATCH (E) BULKHEAD ROOF EXTEND ROOFING OVER (N) CAP, SLOPE TO MATCH BULKHEAD ROOF INSTALL 1 (ONE) LOUVER AT EXTERIOR WALL 	4 SIM
	II	INTEGRAL WITH TWO OUTSIDE WALLS	 FOLLOW C-I BRICKWORK STEPS INSTALL 2 (TWO) LOUVER AT EXTERIOR WALLS EXTEND ROOFING OVER (N) CAP, SLOPE TO MATCH BULKHEAD ROOF 	4
	III	DETACHED FROM OUTSIDE WALLS	1. FOLLOW A-I 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-I BRICKWORK STEPS	2 SIM.
	II	FLUSH W/ TWO ENCLOSURE WALLS, DETACHED, INSIDE WITH EXPANSION JOINT.	 FOLLOW A-I BRICKWORK STEPS PROVIDE LOUVERS ON 2 (TWO) SIDES 	2 SIM.
	III	INSIDE ENCLOSURE, DETACHED WITH EXPANSION JOINT.	1. FOLLOW B-I BRICKWORK STEPS	2 SIM.
	IV	INSIDE ENCLOSURE, PENETRATING ROOF.	1. FOLLOW A-I BRICKWORK STEPS	1 SIM.





ABBREVIATIONS:

CIP - CAST IN PLACE

- EXPANSION JOINT

- EXISTING - NEW S.A.D - SEE ARCHITECTURE DRAWINGS

S.S - STAINLESS STEEL

SCHEMATIC ROOF PLAN WITH DIFFERENT

PROPOSED TYPICAL COMPACTOR STACK **MODIFICATION DETAILS-I**

COMPACTOR STACK ADJACENT TO BULKHEAD (DETACHED, WITH E.J.) WITH SMOKE ROOM

(E) COMPACTOR STACK ELEVATION

COMPACTOR STACK LOCATIONS

INSTALL NEW GRAVEL

ROOFING AS REQUIRED

REPAIR ROOF EDGE. SEE

BULKHEAD OUTER WALL TO

REINFORCEMENT (TRUSS TYPE 2

SIDE RODS) AT EVERY 4TH COURSE

NEW PRE-CAST OR

CAST-IN-PLACE

CONCRETE CAP

(3) NEW LOUVERS BEYOND

TO BE INSTALLED INTO NEW

BRICKWORK AS REQUIRED

NEW BRICKWORK

HORIZONTAL S.S. JOINT

ARCH. DETAILS

BE REBUILT

STOP AND RESTORE