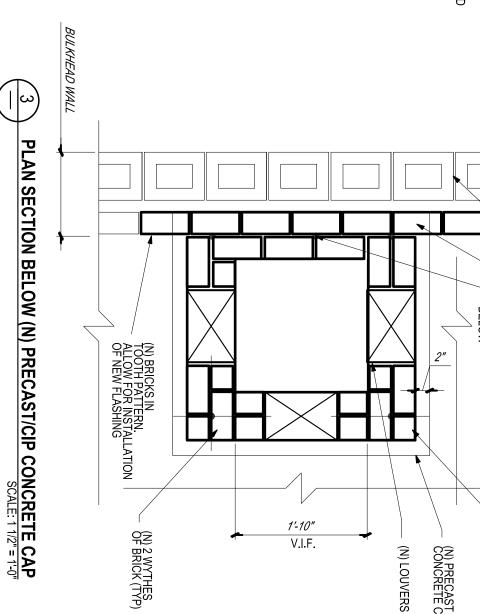


(E)BULKHEAD BACKUP WALL (TYP)









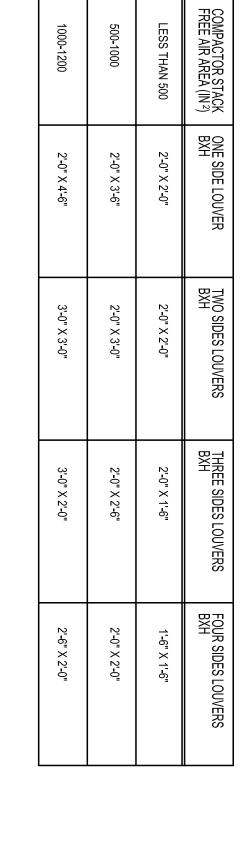


TABLE 2 - ENERGY ANALYSIS FOR ALTERATION - CLIMATE ZONE 4A (ENVEL	NALYSIS FOR	RALTERATION	ON - CLIMATI	E ZONE 4A (E	ENVELOPE ONLY)
ECCNYC 2014	ITEM DESCRIPTION	WORK LOCATION	PROPOSED DESIGN VALUE	CODE PRESCRIBED VALUE	COMMENTS
NYCDOB TECH BULLETIN BB2010-0153. INTERPRETATION OF SECTION 101:4.3 OF NYCECC WITH REGARDS TO ADDITIONS, ALTERATIONS, REPAIRS REPAIR WORK NEED NOT COMPLY IF APPLICANT CAN DEMONSTRATE COMPLIANCE WOULD CREATE HAZARD OR OVERLOAD EXISTING BUILDING SYSTEM.	ENVELOPE. MASONRY REPAIR AT SPANDREL BEAMS.	ROOF EDGE & SPANDREL BEAM. TEMPORARY ROOFING. REFER TO DOB NOTE ON DWG. T-001.00	N/A	N/A	TEMPORARY ROOFING SYSTEM. MEANS AND METHODS TO REPLACE PARAPET. REFER TO ARCHITECTURAL ROOFING DRAWINGS FILED SEPARATELY.

(N) BRICKWORK AND PRECAST CAP SECTION

SCALE: 1 1/2" = 1'-0"

(N) BRICKWORK AND PRECAST CAP SECTION
SCALE: 1 1/2" = 1:0"

+/- 1'-6" V.I.F.

(E) INNER WYTHE OF BULKHEAD WALL

BOTTOM OF LOUVER

(N) PRECAST OR CIP CONCRETE CAP

(N) LOUVER OPENING

WWF 6X6-D6 GALVANIZED MESH (TYP)

(E) BULKHEAD ROOF SLAB

S.A.D. A-011 FOR ROOFING DETAIL

(N) DOWEL SEE DETAIL B

(N) PRECAST OR CIP CONCRETE CAP SEE DETAIL A FOR CONNECTION

(N) LOUVER OPENING

TABLE 1 - REQUIRED LOUVER SIZES BASED ON 50% FREE AIR (ADJUST DIMENSIONS AS NEEDED)

(N) DOWELS @ 4 CORNERS (TYP) SEE NOTES BELOW

#4 (N) RESIN - DOWELS (TYP.)

BOTTOM OF LOUVER

GROUT AS NEEDED

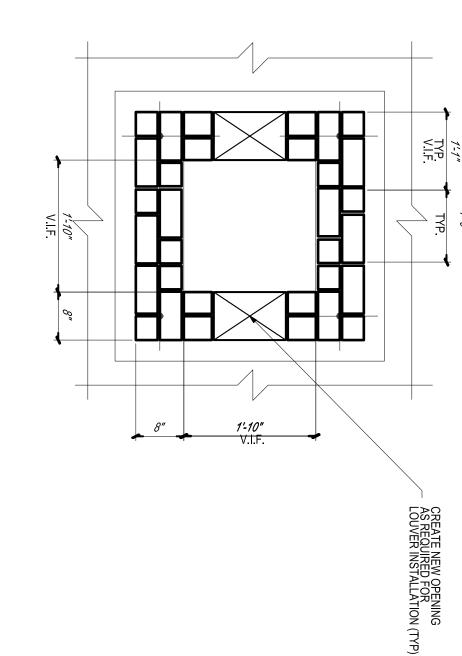
(E) BULKHEAD ROOF SLAB

BULKHEAD ROOF

(N) CIP CONCRETE CAP

SLOPE TO MATCH (E) BULKHEAD ROOF

(N) CONCRETE CAP



PLAN SECTION OF (N) BRICKWORK WITH 2 LOUVERS

NOTES:

I. PROVIDE DOWELS AT EACH CORNER OF THE NEW STACK. IF STACK DIMENSION EXCEEDS THREE FEET, INSTALL ADDITIONAL DOWELS AT 18" O.C.

2. DOWELS TO BE #4 EPOXY COATED BARS SET IN HILTI HY 270 OR EQUAL WITH 8" MIN EMBED FOR MASONRY, HILTI HY200 OR EQUAL FOR CONCRETE WITH 4" MIN. EMBEDMENT.

3. PROVIDE STAINLESS STEEL HORIZONTAL WALL REINFORCEMENT AT EVERY FOUR COURSE OF NEW BRICK WORK.

4. THE TOTAL NET CROSS SECTION AREA OF THE NEW LOUVERS IS TO MATCH INSIDE OPEN AREA OF THE COMPACTOR STACK.

5. (N) LOUVERS TO BE GALVANIZED STEEL OR ALUMINUM.

5. HEIGHT OF COMPACTOR STACK VENT ABOVE NEAREST ROOF TO BE SUCH THAT ROOFING FLASHING, SNOW DRIFT, LOUVERS CAN BE ACCOMMODATED.

7. ALL WORK INDICATED IS SUBJECT TO MASONRY SPECIAL INSPECTION.

7. ALL WORK INDICATED IS SUBJECT TO MASONRY SPECIAL INSPECTION.

8. WHERE POSSIBLE TWO LOUVERS MAX. ARE TO BE USED, THEY ARE TO BE INSTALLED ON OPPOSING FACES.

09/23/2015

0

- ANDARD LOUVER GREENHECK MODEL ESD-635X OR EQUAL. DE WIRE MESH AND INSTALL IN FRAME BEHIND LOUVER AS SPARK ARRESTOR. ETERMINE POSSIBLE DIMENSIONAL VARIATIONS, FIELD VERIFY SPECIFIC COMPACTOR STACK
- 9" MIN. MEASURED HORIZONTALLY FROM LOUVER FRAME TO EDGE OF COMPACTOR STACK SHALL BE MAINTAINED TO ALLOW FOR LOUVER ANCHORAGE TO BRICK WALL.

 WHERE THE DIMENSIONS OF THE STACK DOES NOT ALLOW PROPOSED ORIENTATION OF LOUVER, IT MAY BE ROTATED 90° IF REQUIRED.

 THESE DETAILS DO NOT COVER COMPACTOR STACKS WHEN ONE OR MORE OF THEIR EXTERIOR SURFACES ARE COINCIDENT WITH THE EXTERIOR ENVELOPE OF THE MAIN BUILDING SHALL CONFORM TO THE REQUIREMENTS OF THE EXTERIOR ENVELOPE.

 WORK DESCRIBED HERE DOES NOT PERMANENTLY AFFECT FNERGY PROPOSED.
- INVELOFICE.

 INSTALL LOUVERS PLUMB, LEVEL, IN PLANE OF WALL, AND IN ALIGNMENT WITH ADJACENT WORK. IN STALL LOUVERS PLUMB, LEVEL, IN PLANE OF WALL, AND IN ALIGNMENT WITH ADJACENT WORK. THE SUPPORTING STRUCTURE SHALL BE DESIGNED TO ACCOMMODATE THE POINT LOADS FRANSFERRED BY THE LOUVERS WHEN SUBJECT TO THE DESIGN WIND LOADS.

 WIND LOADS: LOUVERS SHALL BE DESIGNED TO WITHSTAND THE EFFECTS OF WIND LOADS WITHOUT SERMANENT DEFORMATION OF LOUVER COMPONENTS, NOISE OR METAL FATIGUE CAUSED BY LOUVER- BLADE RATTLE OR FLUTTER, OR PERMANENT DAMAGE TO FASTENERS AND ANCHORS. DETERMINE WIND LOADS BASED ON A UNIFORM PRESSURE OF 40 PSF ACTING INWARD OR OUTWARD.

 NSTALL JOINT SEALANT AS FOLLOWS:

 ONE-PART LOW -MEDIUM MODULUS SILICONE SEALANT (PLUS OR MINUS 50% MOVEMENT); ASTM C920 CLASSIFICATIONS TYPE S, GRADE NS, CLASS 25, USES NT, M, G, AND A: GENERAL ELECTRIC SILICONES SHALL MEET THE FOLLOWING REQUIREMENTS:
- ASTM C719 LOW-MEDIUM MODULUS (+OR-50%). SEALANTS SHALL NOT EXHIBIT ANY CRACKING OR SURFACE DEGRADATION AFTER 5000 HOURS EXPOSURE IN THE ATLAS TWIN ARC WEATHEROMETER.
- ii. ASTM C661- SHALL NOT INCUR A DUROMETER INCREASE GREATER THAN 10 POINTS.iii. SEALANT SHALL CONTAIN ZERO PARTS OF TOXIC ISOCYANURATE INGREDIENTS.B. PROVIDE COUSTOM COLORS FOR USE AROUND OPENING PERIMETERS, TO MATCH FRAME OR MASONRY.
- D. MANUFACTURERS THOROUGHLY CLEAN SURFACES ON WHICH SEALANT IS TO BE APPLIED AND PRINE SURFACES AS RECOMMENDED BY MANUACTURER BEFORE APPLYING SEALANT.
- DOW CORNING CORP., MIDLAND, MICHGAN 48686
 PECORA CORP., HARLEYVILLE, PA
 TREMCO SEALING AND COATINGS, WADING RIVER, NY 11792
 SIKA CORPORATION, LYNHURST, NJ 07071

PROPOSED TYPICAL COMPACTOR STACK MODIFICATION DETAILS -II

LEGEND: MASONRY TO BE REMOVED

E) NEW BRICKWORK MASONRY TO BE RETAINED

(N) PRECAST CAP DETAIL

SCALE: 3" = 1'-0"

(N) DOWELS

IEN SURFACE TO 1/4" AMPLITUDE TREAT WITH BONDING AGENT

#4 @ 12" DOWELS INTO (E) BULKHEAD ROOF (N) PRECAST CAP ANCHORING DETAIL



T.MELNIKOV / M.ELZOGHABY