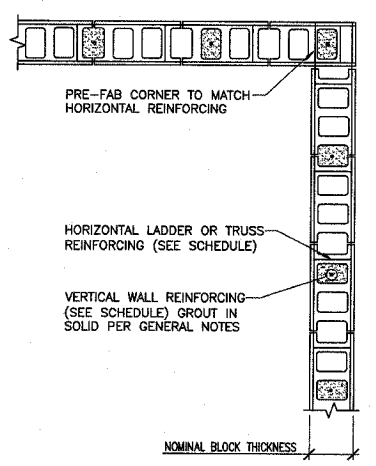
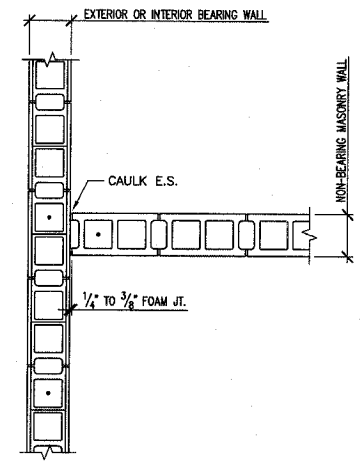


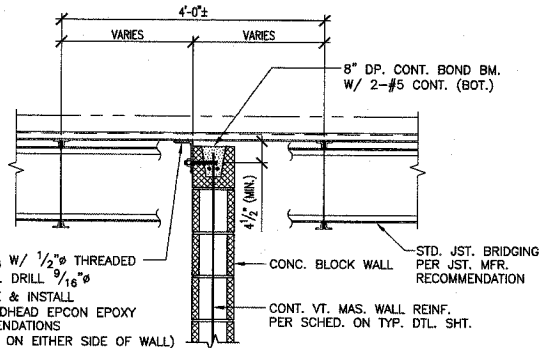
TYPICAL MASONRY WALL CONTROL JOINT
SEE MASONRY NOTE #17 FOR LOCATION OF CONTROL JOINTS.



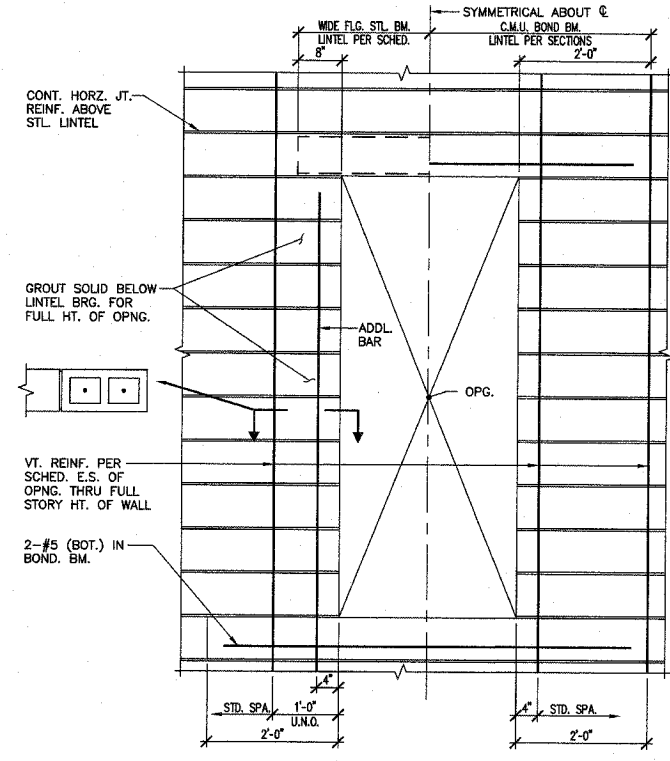
TYP. REINFORCED MASONRY WALL



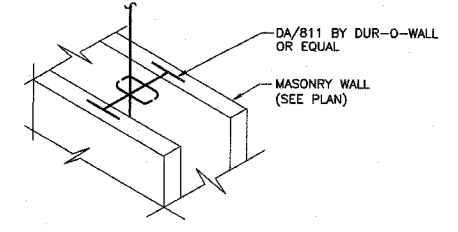
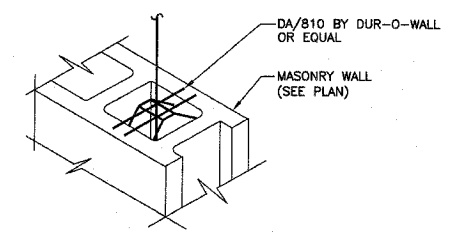
TYP. INTERSECTION @ BEARING & NON-BEARING MASONRY WALLS
NOTE: NON-BEARING MASONRY WALLS SHOWN ON ARCHITECTURAL PLANS ONLY.



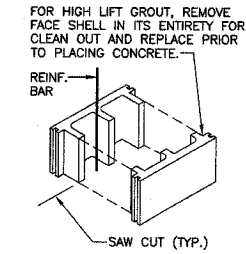
TYPICAL MASONRY SHEARWALL CONNECTION @ ROOF DECK
NOTE: SEE PLAN FOR SHEARWALL (SW) LOCATION



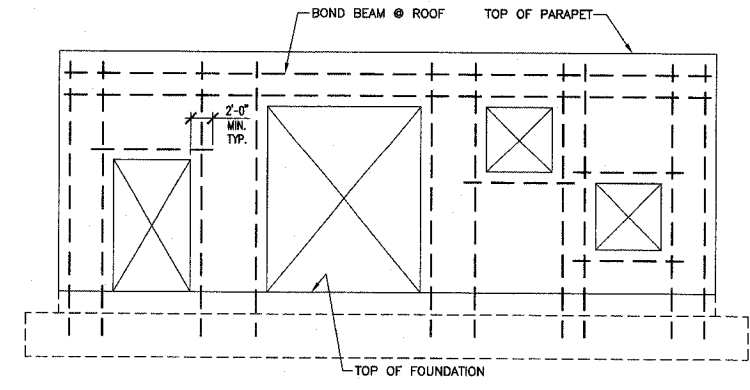
TYP. REINFORCING @ MASONRY WALL OPENING



MASONRY WALL VERTICAL BAR POSITIONER



TYP. CLEAN OUT DET. FOR HIGH LIFT GROUT



TYPICAL WALL ELEVATION SHOWING REINFORCING AT MASONRY OPENING

GENERAL CONCRETE MASONRY NOTES

1. CONCRETE MASONRY UNITS (CMU) SHALL BE LIGHTWEIGHT CELLULAR UNITS CONFORMING TO ASTM C90, GRADE N-1. CONCRETE MASONRY UNIT STRENGTH SHALL BE NO LESS THAN 2800 PSI ON THE NET AREA IN ACCORDANCE WITH ASTM C140, & AN UNIT WEIGHT NOT EXCEEDING 105 PCF. ALL AGGREGATE SHALL CONFORM TO ASTM C-331. SEE SPECIFICATIONS.
2. DESIGN COMPRESSIVE STRENGTH OF CONCRETE MASONRY (F_m) = 2000 PSI.
3. MORTAR SHALL CONFORM TO ASTM C270. MORTAR SHALL BE TYPE S. GROUT SHALL CONFORM TO ASTM C-476.
4. BOND BEAMS AND REINFORCED MASONRY WALLS SHALL BE FILLED WITH GROUT, NOT MORTAR, WHERE SHOWN.
5. FOUNDATION DOWELS MAY BE SLOPED NO MORE THAN 1:6 TO ALIGN WITH WALL CAVITIES OR VERTICAL CMU CORES.
6. SPLICED REINFORCING SHALL BE LAPPED 48 BAR DIAMETERS OR 24", WHICHEVER IS GREATER, UNLESS OTHERWISE SHOWN ON DRAWINGS. ALL SPLICES SHALL BE WIRED TOGETHER.
7. VERTICAL REINFORCING BARS SHALL HAVE A MINIMUM CLEARANCE OF 3/4" FROM MASONRY AND SHALL BE HELD IN POSITION TOP AND BOTTOM AND AT INTERVALS NOT EXCEEDING 4'-0". ACCESSORIES FOR SUCH SUPPORT SHALL BE USED.
8. REINFORCING SHALL BE SECURED IN PLACE AND INSPECTED PRIOR TO ANY GROUTING.
9. VERTICAL GROUTING SHALL BE LOW LIFT OR HIGH LIFT AS FOLLOWS:
 - A. LOW LIFT GROUTING SHALL BE USED FOR ALL CAVITY WALLS AND MAY BE USED FOR ALL WALLS AT THE OPTION OF THE CONTRACTOR. LIFTS SHALL NOT EXCEED 5'-0" IN HEIGHT.
 - B. HIGH LIFT GROUTING IS PERMISSIBLE ONLY FOR SINGLE WYTHE WALLS AND SHALL NOT EXCEED ONE STORY IN HEIGHT. CLEAN OUT HOLES SHALL BE PROVIDED AT THE BASE OF EACH GROUTED CELL. SEE SPECIAL DETAIL.
10. GROUTING SHALL BE STOPPED 1-1/2" BELOW THE TOP OF A COURSE TO FORM A KEY AT THE JOINT.
11. GROUTING OF MASONRY BEAMS OR LINTELS SHALL BE DONE IN ONE CONTINUOUS OPERATION.
12. CONTRACTOR SHALL PROVIDE TEST REPORTS ON MASONRY UNITS SHOWING UNIT WEIGHT, COMPRESSIVE STRENGTH, ABSORPTION, VOLUME CHANGE AND SHRINKAGE PER ASTM C90 NO LATER THAN 15 WORKING DAYS PRIOR TO THE COMMENCEMENT OF MASONRY CONSTRUCTION.
13. HORIZONTAL JOINT REINFORCEMENT SHALL BE AT 16" O.C.
14. PROVIDE #4 X 3'-0" DOWELS AT 48" C.C. FROM FOUNDATION INTO MASONRY WALL UNLESS NOTED OTHERWISE. PROJECT 1'-4" INTO MASONRY WALL.
15. HORIZONTAL JOINT REINFORCING SHALL STOP AT CONTROL JOINTS.
16. REINFORCING IN BOND BEAMS SHALL RUN CONTINUOUS THRU CONTROL JOINTS.
17. PROVIDE CONTROL JOINTS IN EXTERIOR CONCRETE BLOCK WALLS AT LOCATIONS SHOWN ON ARCHITECTURAL DRAWINGS, IN LINE WITH CONTROL JOINTS IN BRICK, UNLESS NOTED OTHERWISE. FOR ALL BEARING WALLS, PROVIDE CONTROL JOINTS AT A MAXIMUM OF 24'-0" CENTER TO CENTER, UNLESS NOTED OTHERWISE.
18. CONTRACTOR TO PROVIDE ADEQUATE BRACING FOR ALL MAS. WALLS UNTIL PERMANENT SUPPORT STRUCTURES ARE IN PLACE.

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SHEET TITLE:
TYPICAL DETAILS & GENERAL NOTES

REV. NO.	DATE	REMARKS

KENNEDY PROJECT NO
KAI# 10-02048

ISSUE DATE
11-APRIL-08

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S1.2