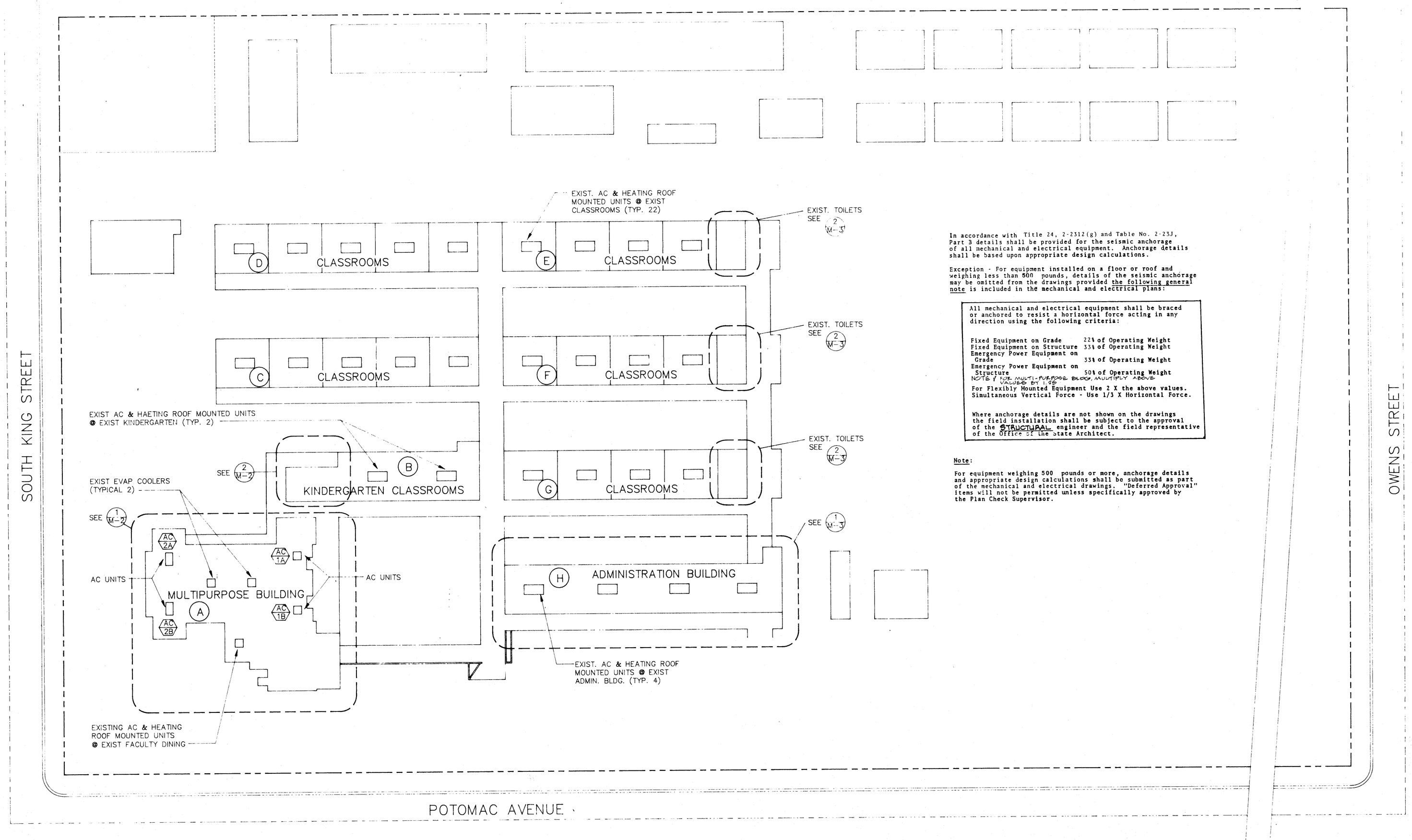

In accordance with Title 24, 2-2312(g) and Table No. 2-23J, Part 3 details shall be provided for the seismic anchorage of all mechanical and electrical equipment. Anchorage details shall be based upon appropriate design calculations.

Exception - For equipment installed on a floor or roof and weighing less than 500 pounds, details of the seismic anchorage may be omitted from the drawings provided <u>the following general note</u> is included in the mechanical and electrical plans:

> All mechanical and electrical equipment shall be braced or anchored to resist a horizontal force acting in any direction using the following criteria:
>
> | | |
> |---|---|
> | Fixed Equipment on Grade | 22% of Operating Weight |
> | Fixed Equipment on Structure | 33% of Operating Weight |
> | Emergency Power Equipment on Grade | 33% of Operating Weight |
> | Emergency Power Equipment on Structure | 50% of Operating Weight |
>
> NOTE / FOR MULTI-PURPOSE BLDG. MULTIPLY ABOVE VALUES BY 1.25
>
> For Flexibly Mounted Equipment Use 2 X the above values.
> Simultaneous Vertical Force - Use 1/3 X Horizontal Force.
>
> Where anchorage details are not shown on the drawings the field installation shall be subject to the approval of the STRUCTURAL engineer and the field representative of the Office of the State Architect.

Note:

For equipment weighing 500 pounds or more, anchorage details and appropriate design calculations shall be submitted as part of the mechanical and electrical drawings. "Deferred Approval" items will not be permitted unless specifically approved by the Plan Check Supervisor.

N

HVAC SITE PLAN

1/32"=1'-0"

THESE DRAWINGS, RELATED SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS INDICATED OR REPRESENTED BY THEM ARE THE PROPERTY OF THE ARCHITECT AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS AND SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THOSE DRAWINGS.

DETAILED SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE FABRICATION WITH THE EXPECTATION OF ANY PRODUCT TO BE INCLUDED IN THIS PROJECT.

DATE	ISSUED FOR

DATE	REVISION
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