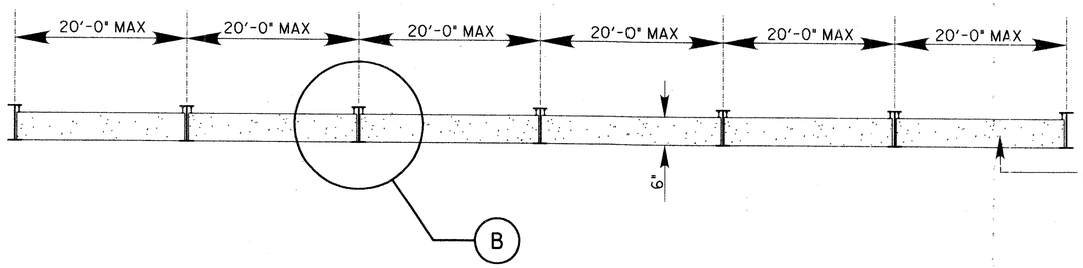
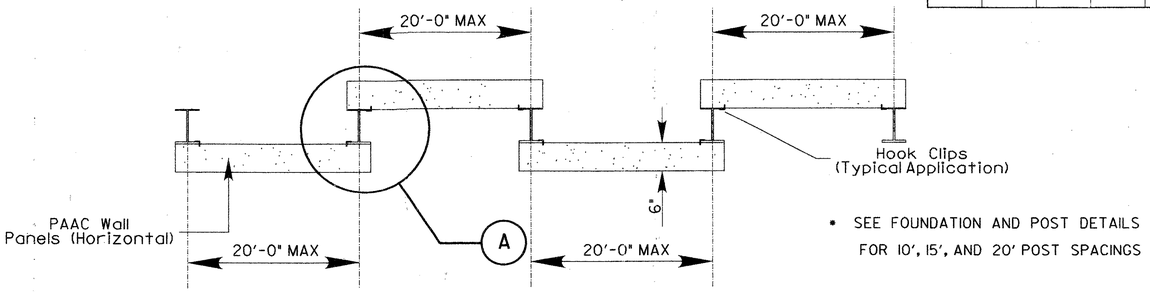
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-209-1(1)	355	513

REVISION DATES				
6/17/04				

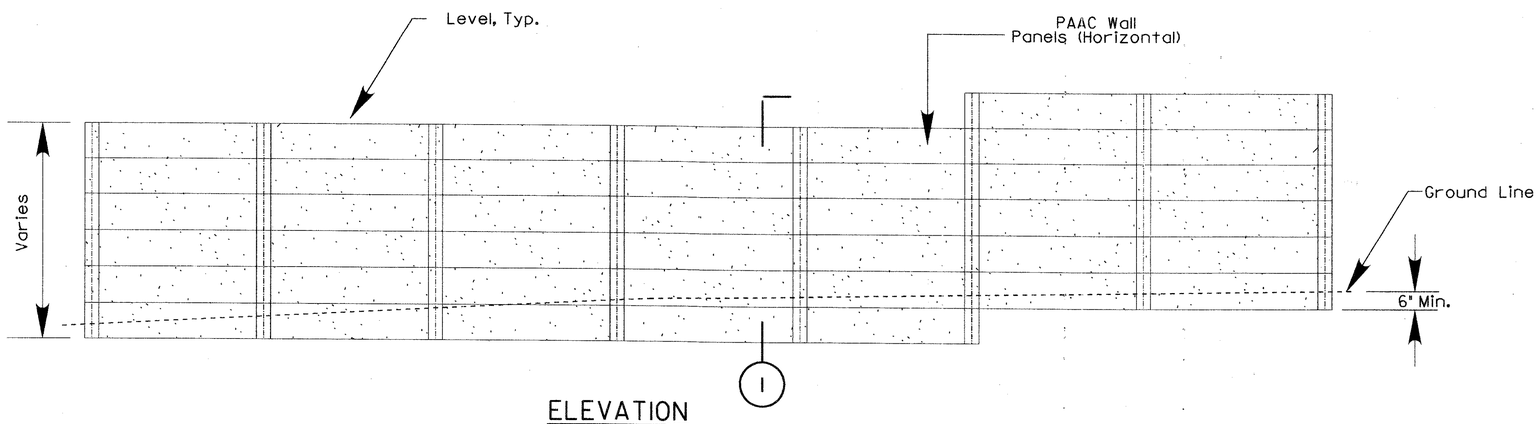


PLAN VIEW

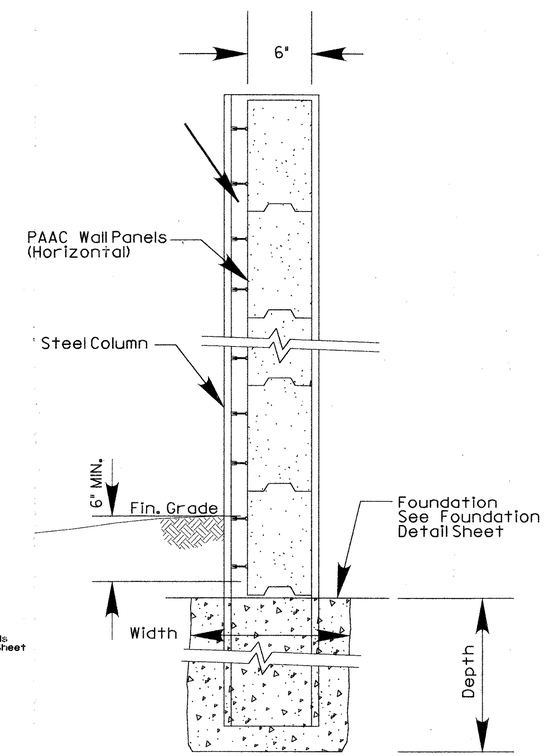


SHADOW BOX PLAN VIEW

- SEE FOUNDATION AND POST DETAILS FOR 10', 15', AND 20' POST SPACINGS



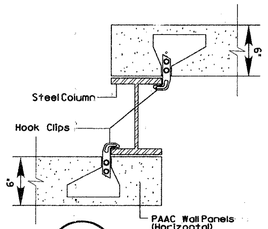
ELEVATION



1 Section
Scale: None

GENERAL NOTES:

1. THE SOUND BARRIER PANELS SHALL BE CONSTRUCTED AS SHOWN ABOVE AND BE ABLE TO RESIST A WIND LOAD OF 80 MPH (28 PSF). ADDITIONAL GIRTS, FASTENERS, ETC. SHALL BE SHOWN WHERE NECESSARY IN THE SHOP DRAWINGS, AND SHALL BE INCLUDED IN THE BID PRICE, PER SQUARE FOOT OF SOUND BARRIER.
2. THE WALL PANELS SHALL BE PLACED A MINIMUM OF 6 IN. INTO THE BERM/EXISTING GROUND IF NO SIDE BARRIER PROTECTION DEVICE IS UTILIZED. SEE SOUND BARRIER FOUNDATION AND POST DETAIL.
3. SEE SPECIAL PROVISION SECTION 624 FOR ADDITIONAL CONDITIONS.
4. THE PANELS, FLASHING, AND ALL EXPOSED SURFACES SHALL HAVE THE FOLLOWING: 16360 (T-ROCK GREEN) OR EQUIVALENT.
5. WHERE PANELS BUTT UP AGAINST OTHER PANELS, THEY SHALL BE INSTALLED TO ENSURE "AIR TIGHT", NO GAP CONSTRUCTION.
6. WHEN PANELS ARE INSTALLED BEHIND THE SIDE BARRIER, AND THE PANEL IS NOT BURIED IN THE GROUND, FLASHING IS REQUIRED TO PROVIDE NO GAP CONSTRUCTION. THE WALL PANELS SHALL BE PLACED A MINIMUM OF 6 IN. BELOW THE TOP OF THE SIDE BARRIER.
7. ALL SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE ENGINEER. SHOP DRAWINGS SHALL INCLUDE ANY SIGN ATTACHMENT AND FLASHING FOR SIGN SUPPORTS.
8. TYPE G PANELS ARE TO BE PREFABRICATED TO DESIRED DIMENSIONS BY STACKING INDIVIDUAL PANELS. PANELS SHALL BE FABRICATED IN 1'-0" OR 2'-0" HEIGHT INCREMENTS.
9. THE TOP OF EACH PANEL SHALL HAVE A PROJECTING TONGUE THAT FITS IN A GROOVE ON THE BOTTOM OF ANOTHER PANEL. THE PANELS SHALL BE SET TO HOLD A CONTINUOUS HORIZONTAL LINE FROM WALL SECTION TO WALL SECTION.



A Detail
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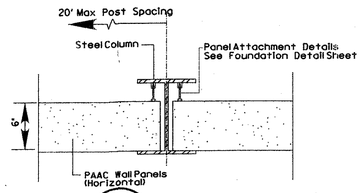

B Detail
Scale: None

(NOT TO SCALE)
MAY 2000

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE OF URBAN DESIGN

SOUND BARRIER
TYPE G
PRECAST AUTOCLAVED AERATED CONCRETE PANELS

DRAWING No.

14-Jul-2004 06:00:06
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