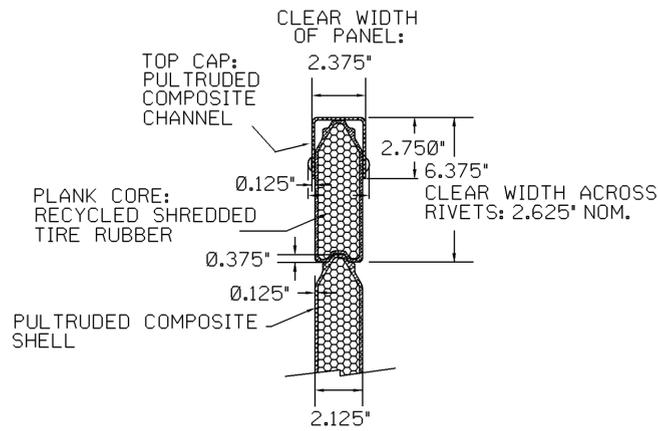


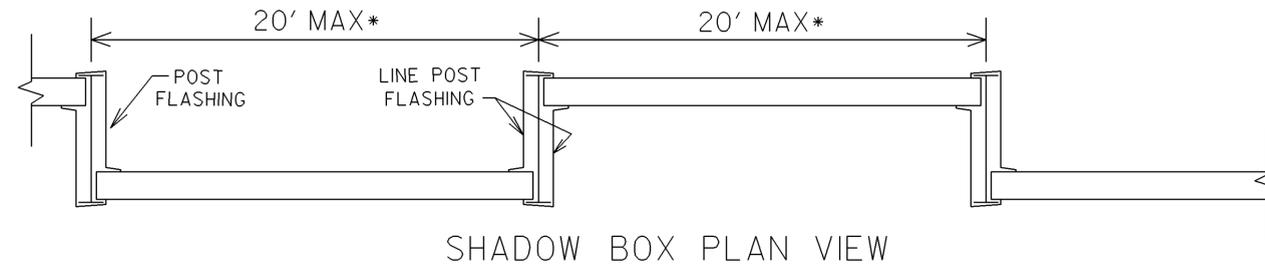
RELEASED FOR CONSTRUCTION 11/04/09



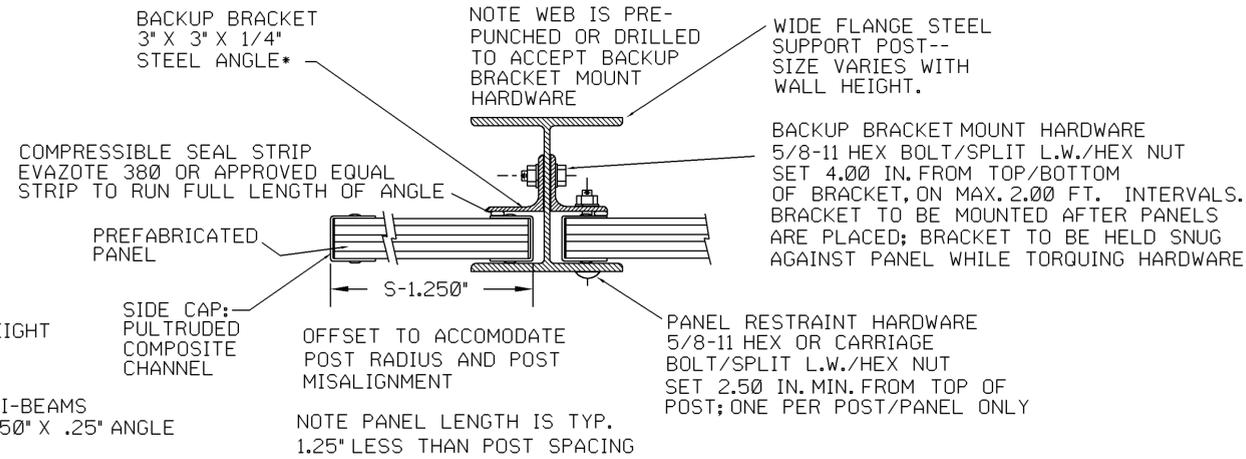
SECTION B-B
PANEL TOP EDGE

BRACKET LENGTH IS 0.500' LESS THAN HEIGHT OF WALL PANEL

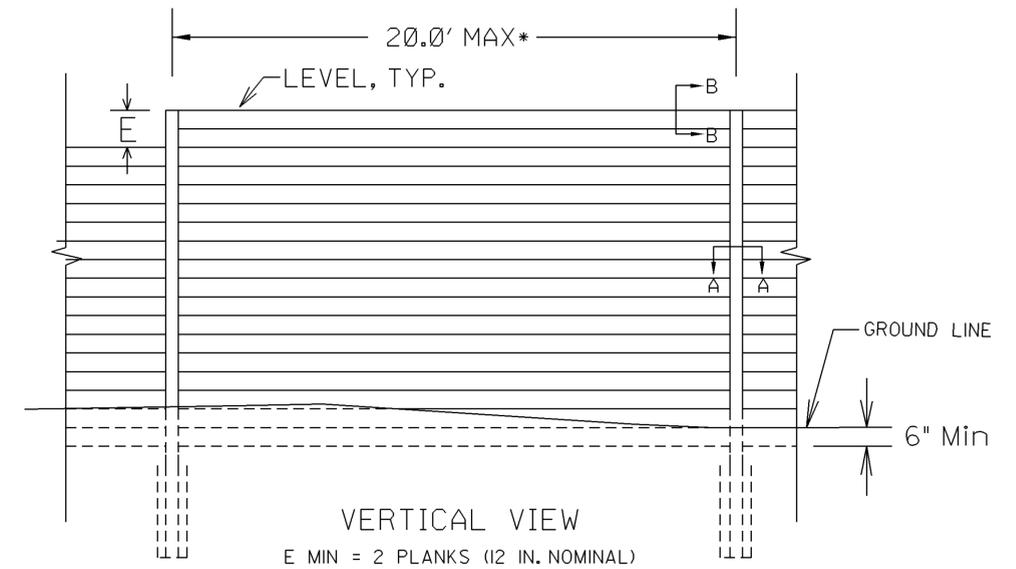
*NOTE W4, W6 I-BEAMS USE 2.50' X 2.50' X .25' ANGLE



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



SECTION A-A
SUPPORT POST/BACKUP BRACKET



GENERAL NOTES:

- ALL POSTS SHALL BE ENCLOSED WITH FLASHING.
- THE TOP CAP OF THE WALL SHALL ALSO COVER THE AREA ENCLOSED BY THE POST FLASHING.
- THE SOUND BARRIER PANELS SHALL 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.
- 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 TYPICAL SECTION.
- SEE SPECIFICATIONS SECTION 624 FOR ADDITIONAL CONDITIONS.
- THE PANELS, FLASHING, AND ALL EXPOSED SURFACES SHALL HAVE THE FOLLOWING COLOR: 16360 (T-ROCK GREEN) OR EQUIVALENT.
- WHERE PANELS BUTT UP AGAINST OTHER PANELS, FLASHING SHALL BE INSTALLED TO ENSURE "AIR TIGHT", NO GAP CONSTRUCTION.
- WHEN PANELS ARE INSTALLED BEHIND 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.
- 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.
- TYPE F PANELS ARE TO BE CONSTRUCTED TO DESIRED DIMENSIONS BY STACKING INDIVIDUAL BARRIER PLANKS. PLANKS ARE STACKED AND ASSEMBLED UP TO 6 FT. MAXIMUM IN HEIGHT WITH CHANNELS WHICH ENCAPSULATE THE SIDES OF EACH PANEL.
- WALLS UP TO 6 FT. ARE CONSTRUCTED WITH SINGLE PREFABRICATED BARRIER PANELS. WALLS BETWEEN 6 FT. AND 30 FT. ARE CONSTRUCTED BY STACKING SEPARATE PREFAB PANELS. THE TOP OF EACH PANEL HAS A PROJECTING TONGUE THAT FITS IN A GROOVE ON THE BOTTOM OF ANOTHER PANEL.
- EACH TOP PANEL HAS A TOP CAP AND TWO SIDE CAPS. EACH BOTTOM PANEL HAS SIDE CAPS ONLY.

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| DATE | | DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA | |
| REVISION | | CONSTRUCTION DETAIL SOUND BARRIER TYPE F GLASS REINFORCED THERMO COMPOSITE PANEL FILLED WITH RECYCLED TIRE RUBBER | |
| BY | | NO SCALE JUNE 17, 2004 | |
| | | NUMBER N-6 | |