⚠ GENERAL NOTES
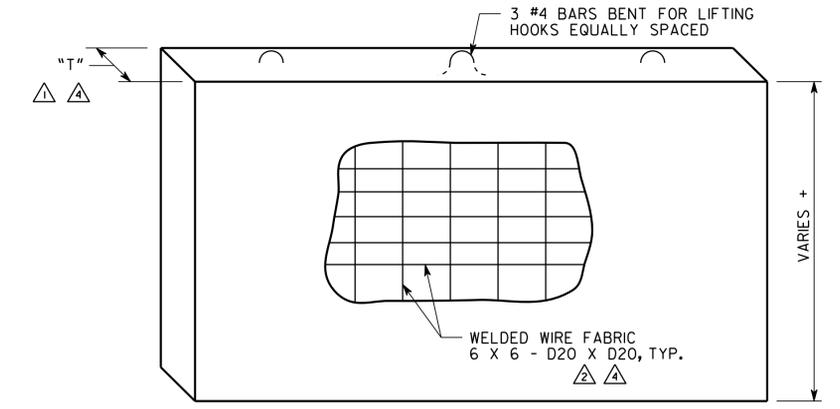
1. PANELS MAY BE TRANSPORTED VERTICALLY OR HORIZONTALLY. IF TRANSPORTED HORIZONTALLY EACH PANEL MUST BE SUPPORTED AT ITS ¼ POINTS AT ALL TIMES. ONCE VERTICAL THE PANELS REQUIRE NO ADDITIONAL SUPPORT.

2. IF TEMPORARY #4 LIFTING HOOKS ARE USED, THEY SHALL BE PLACED AT ¼ POINTS VERTICALLY. LIFTING HOOKS SHALL BE BURNED OFF AND PANEL REPAIRED WITH EPOXY GROUT AFTER INSTALLATION.

3. SEE SPECIFICATIONS AND SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

⚠ 4. CONCRETE PANELS WILL HAVE SURFACE FINISH AND A GRAFFITI PROTECTION SYSTEM ACCORDING TO THE GEORGIA STANDARD SPECIFICATIONS SECTION 624, CURRENT EDITION AND SUPPLEMENTS THERETO.

5. FABRICATOR RESPONSIBLE FOR ANY ADDITIONAL REINFORCEMENT NECESSARY FOR STORAGE, SHIPPING AND HANDLING.

6. PILES, VERTICAL AND HORIZONTAL SUPPORT PLATES AND WALL PANEL CLIPS SHALL BE GALVANIZED AFTER ALL FABRICATION IS COMPLETE.

⚠ 7. SEE SHEET N-2 FOR PANEL EMBEDMENT DETAILS WHEN PANELS ARE INSTALLED BEHIND SIDE BARRIERS. WALL PANELS SHALL BE PLACED A MINIMUM OF 6" INTO THE BERM / EXISTING GROUND IF NO SIDE BARRIER PROTECTION DEVICE IS UTILIZED.
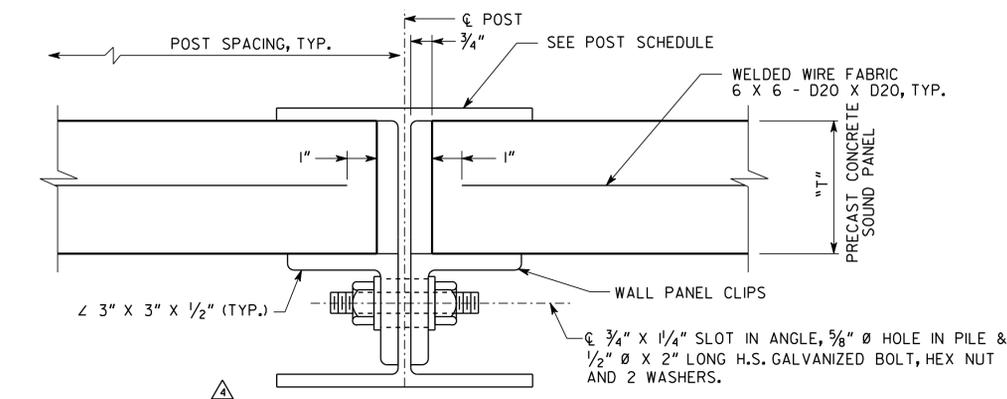
WELDED WIRE FABRIC 6 X 6 - D20 X D20, TYP.

1"
½"
6'-0"
"T"
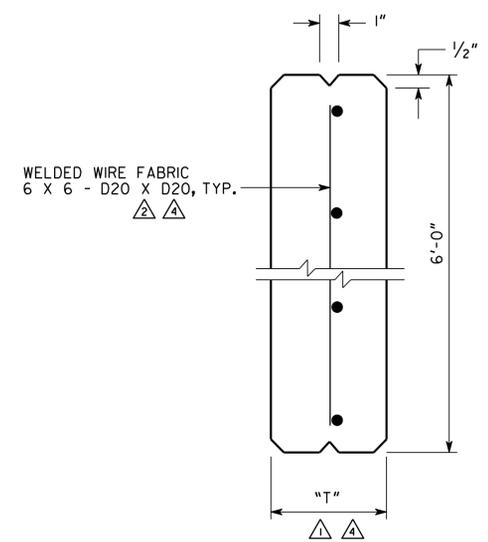
TYPICAL SECTION THRU SOUND BARRIER PANEL
(PRECAST CONCRETE PANEL)

⚠ "T" = 4" UP TO 10'-0" PILE SPACING
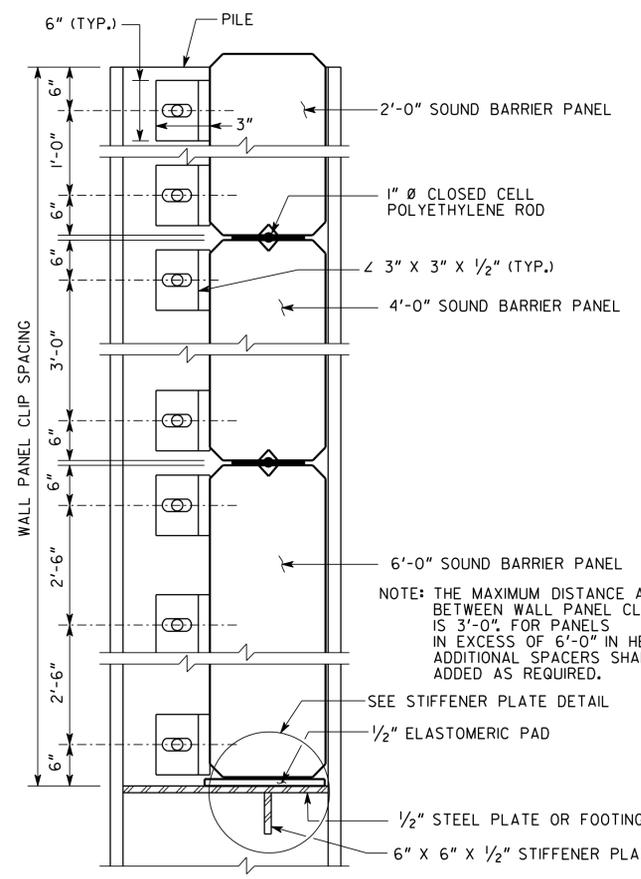5" UP TO 15'-0" PILE SPACING
6" UP TO 20'-0" PILE SPACING

POST SPACING, TYP.
℄ POST
¾"
SEE POST SCHEDULE
WELDED WIRE FABRIC 6 X 6 - D20 X D20, TYP.
1"
1"
"T"
PRECAST CONCRETE SOUND PANEL
∠ 3" X 3" X ½" (TYP.)
WALL PANEL CLIPS
℄ ¾" X 1¼" SLOT IN ANGLE, ⅝" Ø HOLE IN PILE & ½" Ø X 2" LONG H.S. GALVANIZED BOLT, HEX NUT AND 2 WASHERS.

⚠ TYPICAL CONNECTION AT POST

3 #4 BARS BENT FOR LIFTING HOOKS EQUALLY SPACED
"T"
VARIES +
WELDED WIRE FABRIC 6 X 6 - D20 X D20, TYP.

TYPICAL TOP SOUND BARRIER PANEL

⚠ L = POST SPACING MINUS 2"
6" TYP.
6", TYP.
VARIES +
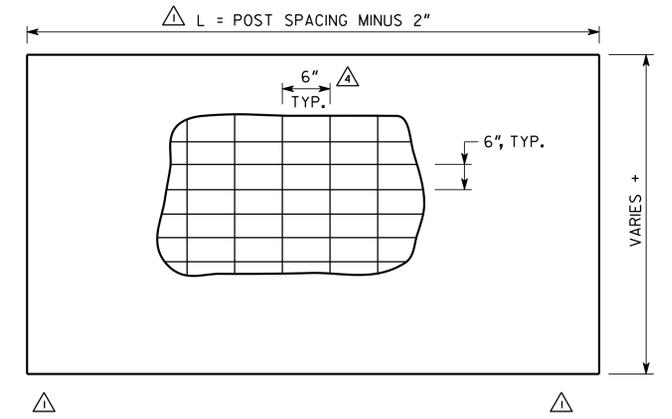
TYPICAL BOTTOM SOUND BARRIER PANEL
(+ PANEL HEIGHTS IN 2'-0" INCREMENTS WITH A MAXIMUM OF 6'-0")

6" (TYP.)
PILE
6"
6"
2'-0" SOUND BARRIER PANEL
3"
1'-0"
6"
1" Ø CLOSED CELL POLYETHYLENE ROD
6"
WALL PANEL CLIP SPACING
∠ 3" X 3" X ½" (TYP.)
4'-0" SOUND BARRIER PANEL
3'-0"
6"
6"
2'-6"
6'-0" SOUND BARRIER PANEL
NOTE: THE MAXIMUM DISTANCE ALLOWED BETWEEN WALL PANEL CLIPS IS 3'-0". FOR PANELS IN EXCESS OF 6'-0" IN HEIGHT, ADDITIONAL SPACERS SHALL BE ADDED AS REQUIRED.
2'-6"
6"
SEE STIFFENER PLATE DETAIL
½" ELASTOMERIC PAD
½" STEEL PLATE OR FOOTING
6" X 6" X ½" STIFFENER PLATE

⚠ TYPICAL CONNECTION JOINT HORIZ.
(FOR ALL PANELS)

6"
3"
3"
3"
1¼"
1¼"
1¼"
1¼"
¾"
∠ 3" X 3" X ½" (TYP.)
∠ 3" X 3" X ½" (TYP.)

⚠ WALL PANEL CLIP DETAIL

CONCRETE PANEL
A
5/16"
5/16"
TIGHT FIT
6" X 6" X ½" STIFFENER PLATE
CENTER OVER PANEL
A
CLIP STIFFENER ½"
5/16"
5/16"
6" X 6" X ½" STIFFENER PLATE

⚠ SECTION A-A
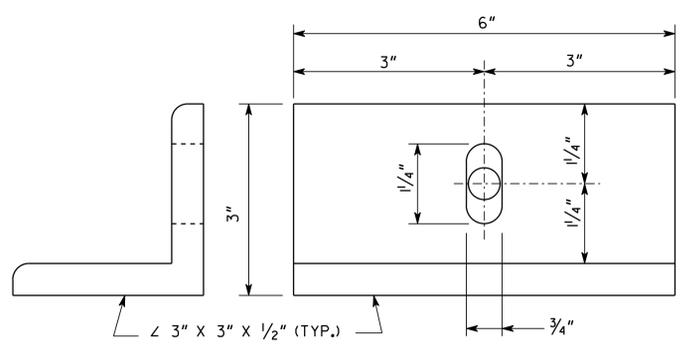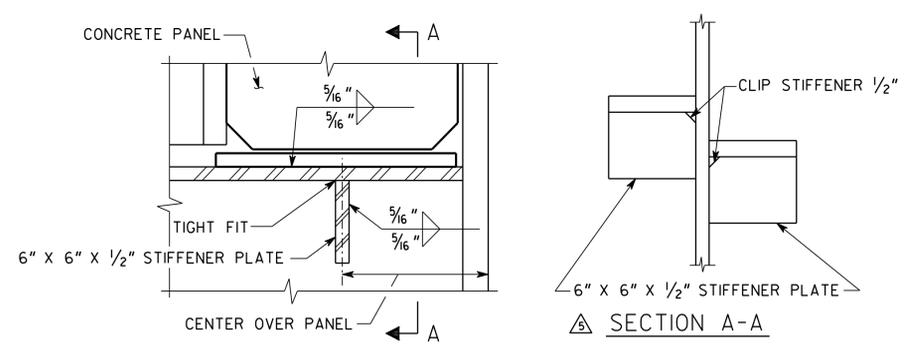
⚠ DETAIL FOR STIFFENER PLATE