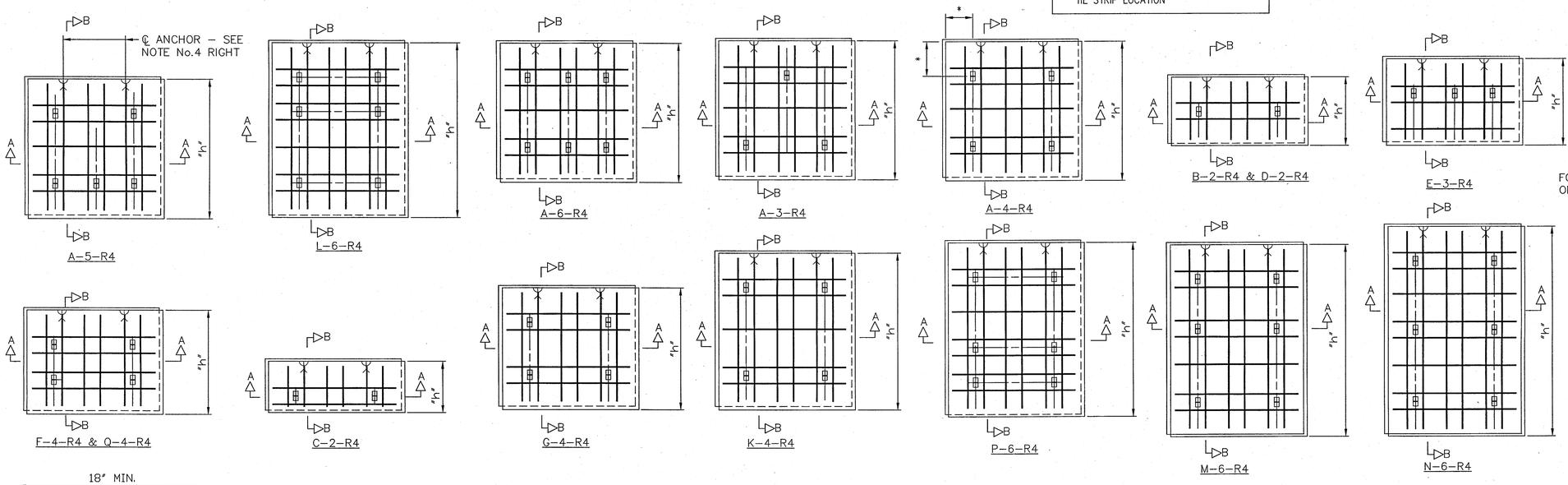
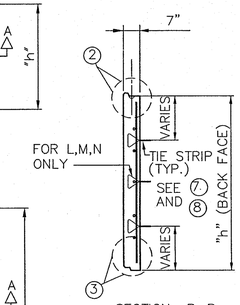
| State | Project Number | Sheet No. | Total Sheets |
|---|---|---|---|
| GA | CSNHS-0006-00(043) | — | — |

* SEE SHOP DRAWINGS FOR TYPICAL TIE STRIP LOCATION

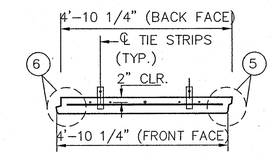



SECTION B–B

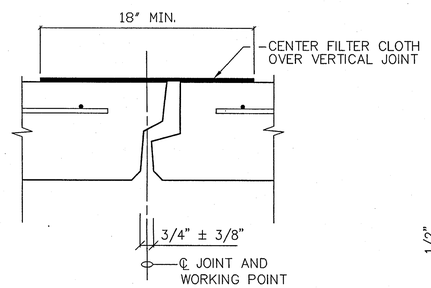
| PANEL TYPE | "h" |
|---|---|
| A & H | 4'–10 1/4" |
| B & D | 2'–4 3/4" |
| C | 1'–9 1/2" |
| E | 3'–0 1/4" |
| F & Q | 3'–7 1/2" |
| G | 4'–3" |
| K | 5'–5 3/4" |
| L & P | 6'–1" |
| M | 6'–8 1/2" |
| N | 7'– 4" |

NOTE:
CONCRETE COVER ON ALL REINFORCEMENT TO BE 2" MIN.

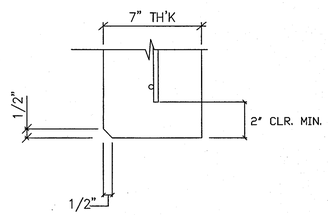



SECTION A–A

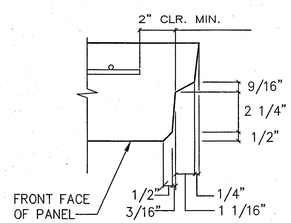
# TYPICAL PANELS



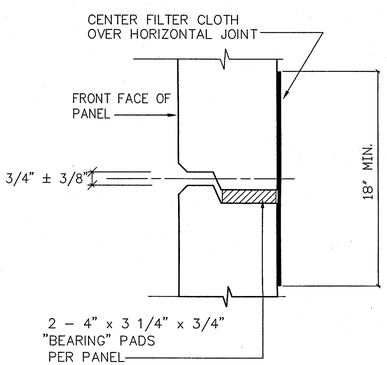

4 VERTICAL JOINT
SCALE 3"=1'–0"



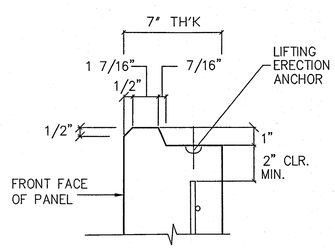

3 SECTION @ PANEL BOTTOM
SCALE 3"=1'–0"



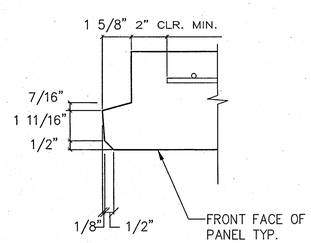

5 SECTION @ PANEL RIGHT SIDE
SCALE 3"=1'–0"




1 HORIZONTAL JOINT
SCALE 3"=1'–0"



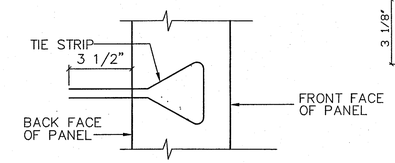

2 SECTION @ PANEL TOP
SCALE 3"=1'–0"



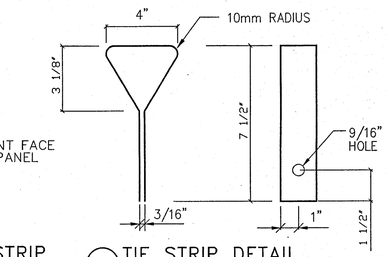

6 SECTION @ PANEL LEFT SIDE
SCALE 3"=1'–0"

NOTES:

1. REINFORCEMENT SHOWN SHALL COMPLY TO THE ASTM A615, GRADE 60 STANDARDS. ALTERNATE REINFORCEMENT MAY BE DEFORMED WELDED WIRE FABRIC AS INDICATED IN THE TABLE BELOW, THIS FABRIC SHALL COMPLY TO ASTM A497. REBAR LAYOUT WILL BE DETAILED AND SHOWN ON PANEL SHOP DRAWINGS, IF WELDED FABRIC IS TO BE USED THE SIZE SHOULD BE DETERMINED BASED ON THE PANEL SHAPE AND REQUIRED MINIMUM EDGE DISTANCE.
2. 1/2" x 1/2" CHAMFER SHALL BE PROVIDED ON ALL EXPOSED EDGES ( FRONT FACE ONLY ).
3. ALL PANEL TYPES AND OTHER RELATED ELEMENTS WILL BE DETAILED ON SHOP DRAWINGS.
4. ALL PANELS EXCEPT TYPES M, N, NII, NJJ, NI & NJ SHALL HAVE TWO BURKE 1–TON SPREAD ANCHORS. PANEL TYPES M, N, NII, NJJ, NI & NJ SHALL HAVE TWO BURKE 2–TON ERECTION HEAD ANCHORS WITH BOTH TENSION AND SHEAR BARS.
5. PANEL DESIGN STRUCTURAL THICKNESS IS 7" MINIMUM, THIS THICKNESS MUST INCREASE TO ACCOMMODATE ANY ARCHITECTURAL SCULPTURED FINISH.
6. ACTUAL LOCATION OF REBARS WILL BE ADJUSTED TO ACCOMMODATE PANEL CASTING.
7. PANEL REINFORCEMENT SHALL BE PLACED WITH A MINIMUM 1 3/16" CLEARANCE FROM THE TIE STRIPS.




7 PARTIAL SECTION@ TIE STRIP
SCALE 3"=1'–0"




8 TIE STRIP DETAIL
SCALE 3"=1'–0"

| PANEL THICKNESS | REINFORCEMENT DESIGNATION | PANEL REINFORCEMENT (FOR PANEL TYPE "A") | MAXIMUM ALLOWABLE HORIZONTAL STRESS AT FACING ( KSF ) |
|---|---|---|---|
| 7" (MIN.) | R4 | 6–#3 VERTICAL<br>5–#3 HORIZONTAL | 1.20 |
| | R6 | 5–#4 VERTICAL<br>5–#4 HORIZONTAL | 1.90 |

DATE: 2-11-11
Approved in general. Details not checked. This approval shall not relieve the Contractor of any responsibility for conformity with the contract Plans and Specifications.
Georgia DOT
Office of Bridge Design
By: WEF

☑ APPROVED ☐ APPROVED AS CORRECTED
☐ NOT APPROVED ☐ REVISE AND RESUBMIT
Checking is only for conformance with the design concept of the Project. Contractor is responsible for dimensions to be confirmed and correlated at the job site; for information that pertains solely to the fabrication processes or to techniques of construction; and for coordination of the work of all trades. Approval of items does not relieve the contractor from complying with all requirements of the Contract Documents.
THE LPA GROUP INCORPORATED
By Jennifer S. Brooks
Date 2/11/2011

GEORGIA REGISTERED No. 10711 PROFESSIONAL ENGINEER FRANK W. FORDHAM

| REVISIONS | BY | DATE |
|---|---|---|
| | | |

GEORGIA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION – BRIDGE DESIGN

RIDGEWALK PARKWAY OVER I–575
CHEROKEE COUNTY

REINFORCED EARTH RETAINING WALL

STANDARD PANEL DETAILS

DESIGNED VG | TRACED | REVIEWED
DRAWN LOP | CHECKED FWF | APPROVED

WALL SHEET OF

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FINAL FOR REVIEW
JAN. 20, 2011

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25 Technology Parkway South, Suite 100, Norcross, GA 30092, (770) 242-9415

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