WF THIN DECK GIRDER DETAILS 3 OF 5

LEVEL (AFTERCASTING DECK)

BEARING RECESS AND BOTTOM FLANGE SPALL PROTECTION DETAIL

BEARING RECESS FORMS SHALL BE CONSTRUCTED AND FASTENED TO AVOID GIRDER DAMAGE DURING STRAND RELEASE.

STRAND CHUCK TACK WELDED TO ASTM A578 4 x 0.125 WITH 0.5" HOLE PRIOR TO INSTALLING ON STRAND. VERIFY STRAND GRIPS ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE. SECURELY TIE ANCHOR TO THE REBAR CAGE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.

WITH 0.5" HOLE PRIOR TO INSTALLING ON STRAND, ASTM A578 2%Ø x 0.125 STEEL STRAND ANCHOR, OR APPROVED EQUAL (TYP.). VERIFY STRAND GRIPS ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE. SECURELY TIE ANCHOR TO THE REBAR CAGE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.

6" MEASURED NORMAL TO Ø DIAPHRAGM

EXTEND STRAIGHT STRANDS IDENTIFIED IN ORDER SCHEDULE

APPLY APPROVED RETARDANT FOR 0.25" ETCH TO SIDE FORMS OR 0.25" ROUGHENED SURFACE TREATMENT BY APPROVED MECHANICAL METHOD, ON TOP EXTERIOR FACE OF EXTERIOR ORDERS.

APPLY APPROVED RETARDANT FOR 0.25" ETCH TO SIDE FORMS OR 0.25" ROUGHENED SURFACE TREATMENT BY APPROVED MECHANICAL METHOD, ON TOP EXTERIOR FACE OF EXTERIOR ORDERS.

HEALTH SAFETY & ENVIRONMENT

HARPED STRANDS

SAWTEETH DETAIL

5 ½" CHAMFER ON FLANGE FOR SKEW ANGLE GREATER THAN 15°.

STRAND CHUCK TACK WELDED TO ASTM A578 4 x 0.125 WITH 0.5" HOLE PRIOR TO INSTALLING ON STRAND, ASTM A578 2%Ø x 0.125 STEEL STRAND ANCHOR, OR APPROVED EQUAL (TYP.). VERIFY STRAND GRIPS ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE. SECURELY TIE ANCHOR TO THE REBAR CAGE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.

5 ½" CHAMFER ON FLANGE FOR SKEW ANGLE GREATER THAN 15°.

STRAND CHUCK TACK WELDED TO ASTM A578 4 x 0.125 WITH 0.5" HOLE PRIOR TO INSTALLING ON STRAND, ASTM A578 2%Ø x 0.125 STEEL STRAND ANCHOR, OR APPROVED EQUAL (TYP.). VERIFY STRAND GRIPS ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE. SECURELY TIE ANCHOR TO THE REBAR CAGE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.

6" MEASURED NORMAL TO Ø DIAPHRAGM

EXTEND STRAIGHT STRANDS IDENTIFIED IN ORDER SCHEDULE

APPLY APPROVED RETARDANT FOR 0.25" ETCH TO SIDE FORMS OR 0.25" ROUGHENED SURFACE TREATMENT BY APPROVED MECHANICAL METHOD, ON TOP EXTERIOR FACE OF EXTERIOR ORDERS.

APPLY APPROVED RETARDANT FOR 0.25" ETCH TO SIDE FORMS OR 0.25" ROUGHENED SURFACE TREATMENT BY APPROVED MECHANICAL METHOD, ON TOP EXTERIOR FACE OF EXTERIOR ORDERS.

HEALTH SAFETY & ENVIRONMENT

HARPED STRANDS

SAWTEETH DETAIL

5 ½" CHAMFER ON FLANGE FOR SKEW ANGLE GREATER THAN 15°.

STRAND CHUCK TACK WELDED TO ASTM A578 4 x 0.125 WITH 0.5" HOLE PRIOR TO INSTALLING ON STRAND, ASTM A578 2%Ø x 0.125 STEEL STRAND ANCHOR, OR APPROVED EQUAL (TYP.). VERIFY STRAND GRIPS ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE. SECURELY TIE ANCHOR TO THE REBAR CAGE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.

5 ½" CHAMFER ON FLANGE FOR SKEW ANGLE GREATER THAN 15°.

STRAND CHUCK TACK WELDED TO ASTM A578 4 x 0.125 WITH 0.5" HOLE PRIOR TO INSTALLING ON STRAND, ASTM A578 2%Ø x 0.125 STEEL STRAND ANCHOR, OR APPROVED EQUAL (TYP.). VERIFY STRAND GRIPS ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE. SECURELY TIE ANCHOR TO THE REBAR CAGE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.

6" MEASURED NORMAL TO Ø DIAPHRAGM

EXTEND STRAIGHT STRANDS IDENTIFIED IN ORDER SCHEDULE

APPLY APPROVED RETARDANT FOR 0.25" ETCH TO SIDE FORMS OR 0.25" ROUGHENED SURFACE TREATMENT BY APPROVED MECHANICAL METHOD, ON TOP EXTERIOR FACE OF EXTERIOR ORDERS.

APPLY APPROVED RETARDANT FOR 0.25" ETCH TO SIDE FORMS OR 0.25" ROUGHENED SURFACE TREATMENT BY APPROVED MECHANICAL METHOD, ON TOP EXTERIOR FACE OF EXTERIOR ORDERS.

HEALTH SAFETY & ENVIRONMENT

HARPED STRANDS

SAWTEETH DETAIL

5 ½" CHAMFER ON FLANGE FOR SKEW ANGLE GREATER THAN 15°.

STRAND CHUCK TACK WELDED TO ASTM A578 4 x 0.125 WITH 0.5" HOLE PRIOR TO INSTALLING ON STRAND, ASTM A578 2%Ø x 0.125 STEEL STRAND ANCHOR, OR APPROVED EQUAL (TYP.). VERIFY STRAND GRIPS ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE. SECURELY TIE ANCHOR TO THE REBAR CAGE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.

5 ½" CHAMFER ON FLANGE FOR SKEW ANGLE GREATER THAN 15°.

STRAND CHUCK TACK WELDED TO ASTM A578 4 x 0.125 WITH 0.5" HOLE PRIOR TO INSTALLING ON STRAND, ASTM A578 2%Ø x 0.125 STEEL STRAND ANCHOR, OR APPROVED EQUAL (TYP.). VERIFY STRAND GRIPS ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE. SECURELY TIE ANCHOR TO THE REBAR CAGE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.

6" MEASURED NORMAL TO Ø DIAPHRAGM

EXTEND STRAIGHT STRANDS IDENTIFIED IN ORDER SCHEDULE

APPLY APPROVED RETARDANT FOR 0.25" ETCH TO SIDE FORMS OR 0.25" ROUGHENED SURFACE TREATMENT BY APPROVED MECHANICAL METHOD, ON TOP EXTERIOR FACE OF EXTERIOR ORDERS.

APPLY APPROVED RETARDANT FOR 0.25" ETCH TO SIDE FORMS OR 0.25" ROUGHENED SURFACE TREATMENT BY APPROVED MECHANICAL METHOD, ON TOP EXTERIOR FACE OF EXTERIOR ORDERS.

HEALTH SAFETY & ENVIRONMENT

HARPED STRANDS

SAWTEETH DETAIL

5 ½" CHAMFER ON FLANGE FOR SKEW ANGLE GREATER THAN 15°.