1. Remove damaged concrete and clean steel as per standard ICRI repair methods.

2. Ensure exposed reinforcing steel is securely fastened with TE wire to provide good electrical continuity.

3. Attach Galvashield® XPT anodes to clean steel at an even spacing within the repair area. Place the anode as close as possible to the interface between the repair and the parent concrete (within 4 inches (100mm) while still allowing the repair material to encase the anode.

4. Galvashield® XPT anodes are to be installed per the design drawings and specifications along the perimeter of the repair area after all chloride contaminated concrete has been removed. Additionally, if any chloride contaminated concrete remains within or below the repair area and is in contact with any layer of reinforcing steel, then it may be necessary to place Galvashield® XPT anodes in a grid pattern within the interior of the repair area.

5. Test electrical continuity of the reinforcing steel before installation and repair as necessary. Test electrical continuity of anode connection to reinforcing steel after installation. A DC voltage measurement of ≤1mV confirms good continuity.

6. Pour back repair area with compatible repair material as per project specifications.
SCALE: N.T.S.

INSTALLATION STEP #1

CP 1.2

FEED ONE WIRE OVER REBAR

CLEAN REINFORCING STEEL (REBAR)

PLACE ANODE PARALLEL TO AND SNUG AGAINST THE REBAR

GALVASHIELD™ XPT ANODE (125MM X 25MM X 25MM)

INSTALLATION STEP #2

SCALE: N.T.S.

FULL WIRE TIGHTLY OVER REBAR WRAPPING ONE FULL REVOLUTION OUTWARD FROM ANODE AND THEN TO BACK OF REBAR AS SHOWN.

GALVASHIELD™ XPT ANODE (125MM X 25MM X 25MM)

INSTALLATION STEP #3

SCALE: N.T.S.

WIRE HOOK TOOL

TWIST THE WIRES TOGETHER AND THEN TWIST TIGHTEN WITH A WIRE HOOK UNTIL ALL WIRE IS TIGHT TO THE REBAR. THEN CONFIRM WIRES ARE CONTINUOUS TO REBAR USING A MULTIMETER.

CLEAN REINFORCING STEEL (REBAR)

GALVASHIELD™ XPT ANODE (125MM X 25MM X 25MM)

INSTALLATION STEP #4

SCALE: N.T.S.

FULL WIRE TIGHTLY UNDER REBAR WRAPPING ONE FULL REVOLUTION OUTWARD FROM ANODE AND THEN TO BACK OF REBAR AS SHOWN.

GALVASHIELD™ XPT ANODE (125MM X 25MM X 25MM)

ANCHOR ORIENTATION NOTE: ANODES MAY BE INSTALLED AS SHOWN WITH THE WIDER SIDE ON THE BOTTOM, OR MAY BE ROTATED 180-DEGREES TO HAVE THE WIDER SIDE AT THE TOP.
Alternate Installation at Rebar Intersection

1. Scale: N.T.S.

Anode Orientation Note: Anodes may be installed as shown with the wider side on top, or may be rotated 180-degrees to have the wider side at the bottom.

Section at Anode

2. Scale: N.T.S.