

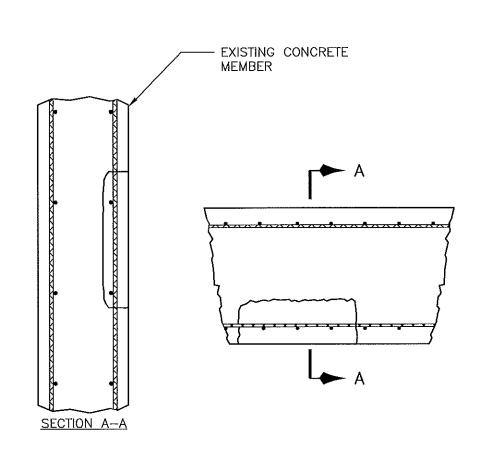
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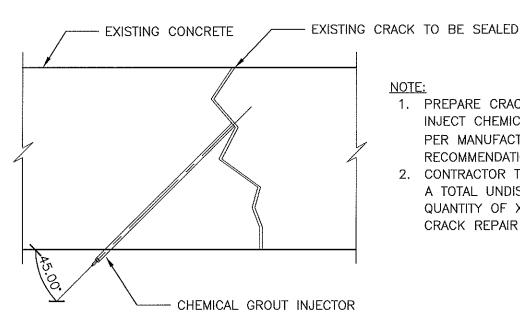
## CONCRETE REPAIR PROCEDURE

## NOTES:

- 1. THE EXTENT OF THE AREA TO BE REPAIRED SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER BY TAPPING THE CONCRETE WITH A HAMMER TO FIND THE PERIMETER EDGES WHERE UNSOUND MATERIAL MEETS SOUND MATERIAL.
- 2. PERIMETER OF REPAIR AREA SHALL BE SAW CUT PERPENDICULAR TO THE SURFACE TO A MINIMUM DEPTH OF 1/2". PERIMETER OF PATCH AREA SHALL HAVE STRAIGHT EDGES 90 DEGREE CORNERS AND NO RE-ENTRANT CORNERS. PATCH AREAS SHALL BE EITHER SQUARE OR RECTANGULAR.
- 3. REMOVE ALL UNSOUND CONCRETE DOWN TO SOUND CONCRETE USING LIGHTWEIGHT PNEUMATIC HAMMERS. ANY REINFORCEMENT THAT IS EXPOSED DURING THIS PROCESS SHALL BE COMPLETELY EXPOSED BY REMOVING CONCRETE TO 3/4" BEYOND THE BAR LEAVING THE ENTIRE CIRCUMFERENCE EXPOSED. FINAL PATCH DEPTH SHALL BE UNIFORM (+/- 1/4") AND SHALL NOT BE LESS THAN 1". IF MORE THAN 30% OF THE BAR CROSS SECTION AREA IS LOST, REPLACE WITH SAME SIZE NEW BAR.
- 4. ENTIRE CONCRETE SURFACE OF REPAIR AREA SHALL BE MECHANICALLY ABRADED.
- 5. ALL EXPOSED REBAR SHALL BE CLEANED OF CORROSION BY EITHER SANDBLASTING OR GRINDER. REMOVE ALL LOOSE SCALE AND CORROSION DEPOSITS. STEEL SHALL BE CLEANED TO A BRIGHT CONDITION PAYING PARTICULAR ATTENTION TO THE BACK OF THE EXPOSED BARS. DO NOT USE WIRE BRUSH FOR CLEANING REINFORCEMENT.
- 6. COAT ENTIRE CIRCUMFERENCE OF ALL EXPOSED REINFORCING STEEL WITH EPOXY BONDING.
- 7. CONCRETE SURFACE TO BE REPAIRED SHALL BE PREPARED IN ACCORDANCE WITH PATCHING SYSTEM MANUFACTURER'S REQUIREMENTS.
- 8. REPAIR AREA BY INSTALLING THE PATCHING MORTAR AND CURING IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

CONCRETE PATCHING

SCALE: NTS



## NOTE:

- 1. PREPARE CRACK AND INJECT CHEMICAL GROUT PER MANUFACTURER'S RECOMMENDATIONS.
- 2. CONTRACTOR TO ASSUME A TOTAL UNDISTRIBUTED QUANTITY OF XX LFT OF CRACK REPAIR

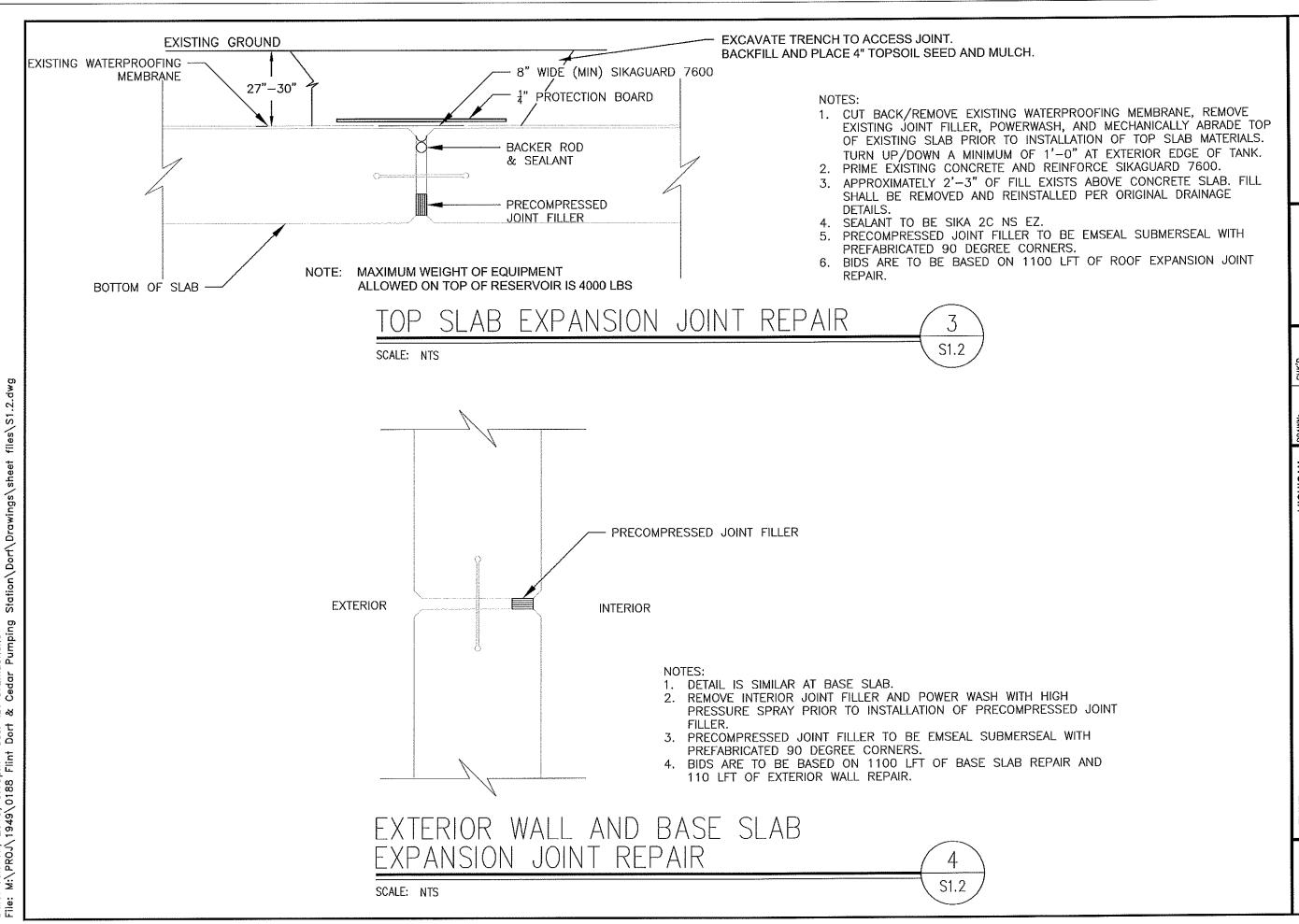
TYPICAL CONCRETE CRACK REPAIR

SCALE: NTS



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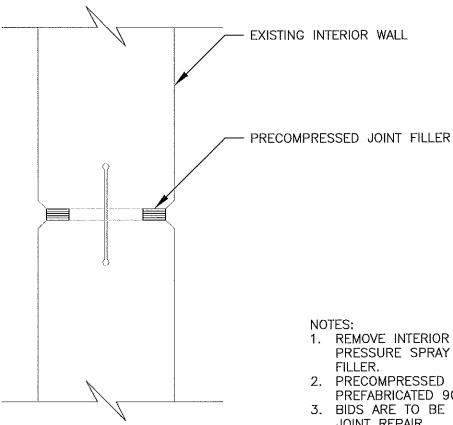


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EXISTING INTERIOR WALL

NOTES:
1. REMOVE INTERIOR JOINT FILLER AND POWER WASH WITH HIGH PRESSURE SPRAY PRIOR TO INSTALLATION OF PRECOMPRESSED JOINT

PRECOMPRESSED JOINT FILLER TO BE EMSEAL SUBMERSEAL WITH PREFABRICATED 90 DEGREE CORNERS.
 BIDS ARE TO BE BASED ON 70 LFT OF INTERIOR WALL EXPANSION

JOINT REPAIR

INTERIOR WALL EXPANSION JOINT REPAIR

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