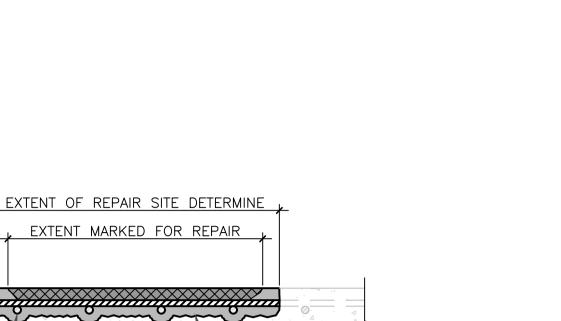


DO NOT OVER CUT CORNERS-CHIP PATCH EDGE TO-PROVIDE A CLEAN EDGE PERPENDICULAR WITH CONCRETE SURFACE -SAWCUT PERIMETER OF REPAIR DEPTH TO BE SITE DETERMINED BY EXPLORATORY INVESTIGATION OR SCANNING APPLICABLE TO HORIZONTAL AND DEPTH-VERTICAL SURFACES **VARIES** EXTEND CONCRETE REPAIRS UNTIL NO VISIBLE PREPARE SUBSTRATE CORROSION OF REINFORCING TO ICRI CSP-6 TO STEEL AT PATCH EDGE 10 REMOVE LOOSE MATERIAL, LAITANCE PREPARE REINFORCING TO AND DIRT SSPC-SP 10/NACE NO. 2 (NEAR-WHITE METAL) TRENCH AROUND ALL EXPOSED REINFORCING SECURE REINFORCING AS MINIMUM CLEARANCE REQUIRED TO MAINTAIN EXISTING SHALL BE THE GREATER SPACING AND CONCRETE COVER OF 19 OR 25 THAN THE ADDITIONAL CHAIRS AS REQUIRED LARGEST AGGREGATE IN THE REPAIR MATERIAL

TYPICAL SURFACE PREPARATION

OF DELAMINATED CONCRETE



REFER TO TYPICAL

DETAIL B/S5.4

SURFACE PREPARATION

- CONCRETE REPAIR MATERIAL

TYPICAL TOP SURFACE REPAIR DETAIL

-REFER TO TYPICAL

DETAIL B/S5.4

SURFACE PREPARATION

-PATCH ANCHOR HOLES

UPON REMOVAL OF FORMS

[PAINT TO MATCH EXISTING]

-FORMWORK, BRACING, SHORING,

UNDER PRESSURE OF 100 KPA

AND ANCHORS AS REQUIRED

FORMS MUST NOT DEFLECT

(14 PSI) VIBRATE FORMWORK

-EXTENT MARKED FOR REPAIR

DURING PLACEMENT

-EXTENT OF REPAIRS

SITE DETERMINE

REFER TO REINFORCING

BAR SPLICE DETAIL FOR LAP LENGTH (UNIT PRICE)

EXISTING REINFORCING

REFER TO REINFORCING -

PRESSURE GROUTING REPAIR

BAR SPLICE DETAIL

FOR LAP LENGTH

(UNIT PRICE)

EXISTING REINFORCING

UNLESS NOTED, SIZE

AND SPACING VARIES

STEEL TO REMAIN

REPAIR MATERIAL

CHAMFER ALL-

EXISTING

CORNERS MINIMUM

INJECTION PORTS AND VENTS AS-REQUIRED TO CONFIRM COMPLETE

TYPICAL BEAM

FILLING OF REPAIR AREA

S5.4 S5.4 NTS

19 OR TO MATCH

CONCRETE -

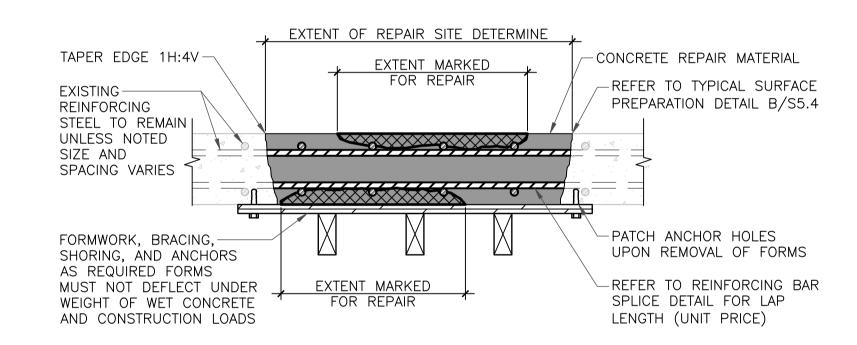
STEEL TO REMAIN

SIZE AND SPACING

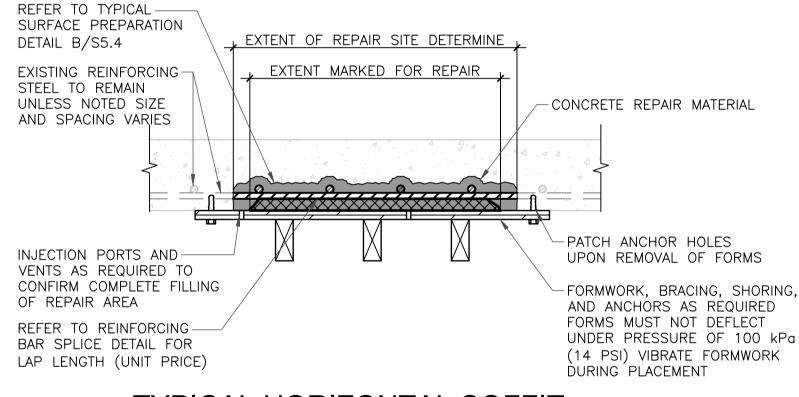
UNLESS NOTED

VARIES

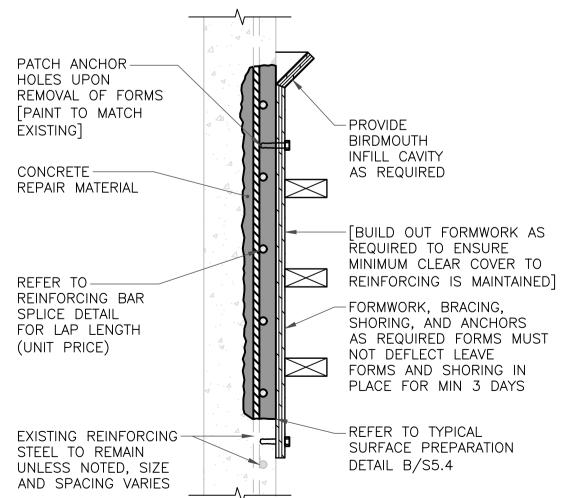
TYPICAL POOL TANK EDGE SECTION S2.3 S5.4 1:16



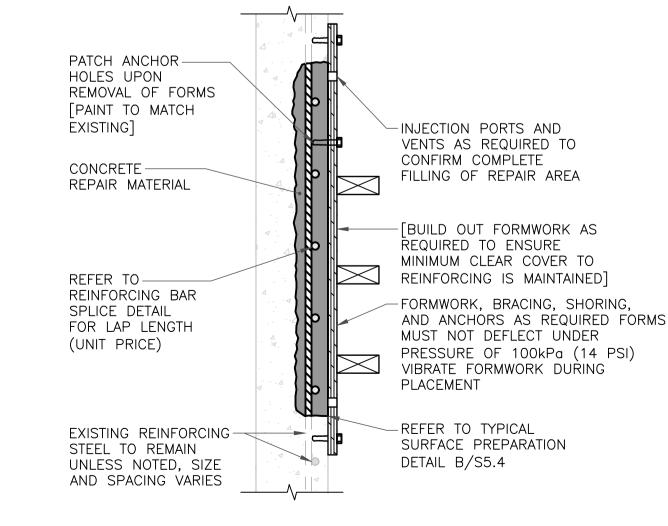
TYPICAL THROUGH SLAB REPAIR DETAIL



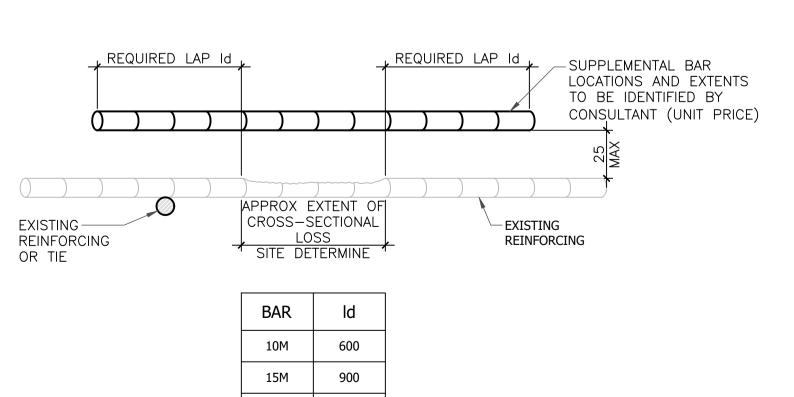
TYPICAL HORIZONTAL SOFFIT PRESSURE GROUTING REPAIR DETAIL \$5.4 S5.4 NTS







TYPICAL VERTICAL PRESSURE **GROUTING REPAIR DETAIL** (UNIT PRICE)



TYPICAL REINFORCING BAR SPLICE DETAIL - S5.4 NTS

1065

20M

0	ISSUED FOR CONSTRUCTION	TRB	07-07 2025
No.	REVISION/DESCRIPTION	BY	DATE
SEAL			



2025.07.07 TRB	ACG	TRB	TRB
DATE DESIGNE	DRAWN	CHECKED	APPROVED



THE CITY OF WINNIPEG ASSETS & PROJECT MANAGEMENT DEPARTMENT MUNICIPAL ACCOMMODATIONS DIVISION 3-65 GARRY STREET, R3C 4K4

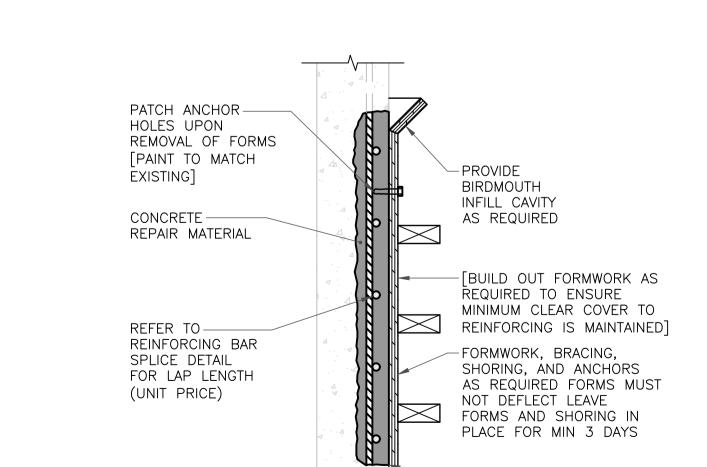
PROJECT SEVEN OAKS POOL **POOL RENEWAL**

444 ADSUM DRIVE

SHEET TITLE STRUCTURAL DETAILS

SCALE	PROJECT No:	SHEET No:	05.4
AS SHOWN	2023-0220		S5.4

DRAWING SHEET SIZE: A1 (594x841) PLOT 1:1



S5.4 S5.4 NTS

TYPICAL VERTICAL FORM AND POUR REPAIR DETAIL (UNIT PRICE)

Kilgour