

UNIVERSITY AVE

EXISTING SOUTH WALL TO BE REPLACE WITH 200mm THICK CAST IN PLACE CONCRETE WALL REINFORCED WITH 10M AT 400mm C/C HORIZONTAL AND VERTICAL. PROVIDE 2 10M BARS TOP & BOTTOM. DOWEL REBAR ENDS INTO EXISTING WEST WALL AND NEW SLAB

EXISTING STAIRS TO REMAIN

PREMOULDED JOINT AND CAULKING AT ALL VERTICAL SLAB TO WALL JOINTS

200mm SLAB

7650

DOCK LEVELER FRAME MAY HAVE TO BE CUT OFF FROM STEEL ANGLES & ANCHORAGE TO EXIST. CONCRETE SLAB/FOUNDATION ALLOW FOR REPLACEMENT OF 2"x2" STEEL ANGLES W/ GALVANIZED STEEL ANGLES AROUND THREE SIDES OF THE FRAME & ANY OTHER FRAMING MEMBERS. REINSTATE DOCK LEVELER AS PER MANUFACTURER INSTRUCTIONS

THIS SECTION (1.35x3.9m) NOT TO BE REMOVED. ALLOW FOR NOTCHING A V CHANNEL APPROX 50mm DEEP AT 2 LOCATIONS TO ALLOW SURFACE DRAINAGE

RAMP REPAIRS

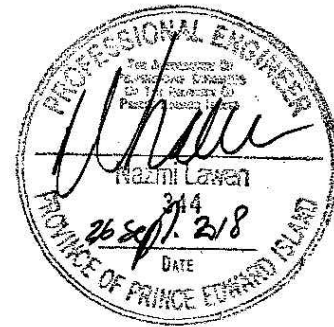
- 1) VERIFY DIMENSIONS PRIOR TO BIDDING AND START OF CONSTRUCTION. INDICATED MEASUREMENTS ARE APPROXIMATE.
- 2) REMOVE AND REINSTATE ITEMS THAT INTERFERES WITH THIS WORK INCLUDING RAILS, ETC. CUT EXISTING RAIL BASES FLUSH WITH CONCRETE SURFACE. CLEAN BOTTOM OF RAILS TO BARE METAL SURFACE, APPLY 2 COATS OF CORROSION RESISTANT PAINT AND SECURE TO TOP OF NEW SLAB WITH 100mm SQUARE PLATES C/W WITH 10mmØ EXPANSION ANCHORS. PAINT TO MATCH EXISTING.
- 3) REMOVE & REPLACE ENTIRE SLAB-ON-GRADE AT THIS RAMP. SAW CUT STRAIGHT WHERE SLAB IS ANCHORED TO FOUNDATION WALLS.
- 4) PROVIDE 1m DEEP OF DRAINAGE GRAVEL UNDER SLAB. COMPACT TO 100% SPMD.
- 5) REMOVE DEBRIS AND CLEAN HORIZONTAL SURFACES WHERE NEW SLAB IS SUPPORTED ON FOUNDATION WALLS. WHERE EXISTS, REPLACE REBAR & ANCHORS BETWEEN TOP OF FOUNDATION WALLS AND NEW SLAB.
- 6) SLOPE SURFACE AWAY FROM BUILDING FOUNDATION WALLS.
- 7) SURFACE TO HAVE A BROOM FINISH AND SIMILAR TO EXISTING.
- 8) AS PART OF THIS REPAIR ALLOW FOR REPLACEMENT OF 3 WALLS AROUND DOCK LEVELER. ALLOW FOR ON-SITE CLEANING OF SURFACE RUST AND CORROSION ON STEEL FRAME ANCHORED TO CONCRETE. REPLACE ALL DAMAGED ANCHORS.
- 9) CONTRACTOR IS FINANCIALLY RESPONSIBLE FOR REINSTATEMENT OF DAMAGED SITE AND BUILDING ELEMENTS IMPACTED BY THIS WORK.
- 10) PROVIDE POLYURETHANE SEALANT TO ALL HORIZONTAL JOINTS BETWEEN NEW AND EXISTING CONCRETE. APPLY 7 DAYS AFTER POUR. TREMCO THC 901 OR APPROVED EQUAL.

- PROVIDE PLASTIC SHEATHING TO PREVENT DUST FROM ENTERING BUILDING SPACE. PROVIDE NEGATIVE VENTILATION IF REQUIRED.
- REMOVE APPROX 30mm OF TOP SLAB / TILES.
- SCARIFY SURFACE.
- REMOVE LOOSE DEBRIS AND CLEAN SURFACE.
- APPLY SUITABLE BONDING AGENT, AND FILL CAVITY WITH SPECIFIED TOPPING AS NOTED.
- SMOOTH FINISH SURFACE. REFER TO DETAIL 5 ON DRAWING S3

SCOPE OF WORK:

THE SCOPE OF WORK INCLUDES REPAIRS & REPLACEMENT OF THE EXISTING FOLLOWING SITE ITEMS AT AGRICULTURE CANADA FACILITY LOCATED AT 440 UNIVERSITY AVENUE IN CHARLOTTETOWN:

- 1 - REPLACEMENT OF DAMAGED SECTIONS OF THE MAIN ENTRANCE CONCRETE WALKWAY STARTING AT PARKING LOT END AS PER DETAILS 1 AND 2 ON DRAWING S3 - TOTAL OF 24 PANELS + 300mm;
- 2 - REPLACEMENT OF DAMAGED SECTIONS OF THE CONCRETE SIDEWALK TO UNIVERSITY AVE AS PER DETAILS 1 AND 2 ON DRAWING S3 - TOTAL OF 7 PANELS INCLUDING DROP PANELS AT TRAFFIC SIGNAL;
- 3 - REPLACEMENT OF DAMAGED SECTIONS OF CONCRETE CURB AT DROP OFF AREA AS PER DETAIL 4 ON DRAWING S3;
- 4 - REPAIRS TO SPALLED AREAS OF THE FRONT MAIN ENTRANCE WALKWAY, SIDEWALKS, ETC. AS PER DETAIL 3 ON DRAWING S3 - QUANTITY TO BE SURVEYED BY CONTRACTOR - USE SikaRepair 223 OR APPROVED EQUAL;
- 5 - REPLACE SLAB ON GRADE AT THE REAR LOADING DOCK;
- 6 - REPLACE INTERIOR FLOOR OF THE LOADING DOCK AREA. USE Sika EmeriCrete Topping OR APPROVED EQUAL.



Coles Associates
architecture, engineering, project management

CLIENT
Agriculture Canada
440 Univ Ave
Charlottetown

PROJECT TITLE
Sidewalk
Repairs

SHEET TITLE
RAMP
PLAN

Charlottetown, P.E.I., Canada, C1A 7L3 Phone (902) 368-2300

Fax (902) 566-3768

www.colesassociates.com

REVISIONS:

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DRAWN BY: NL

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DRAWING NUMBER: S2