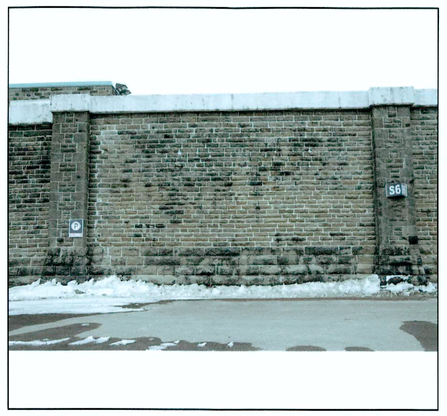
13 S302 PHOTO - TEST OPENING #3
N.T.S.

12 S302 PHOTO - TEST OPENING #2
N.T.S.

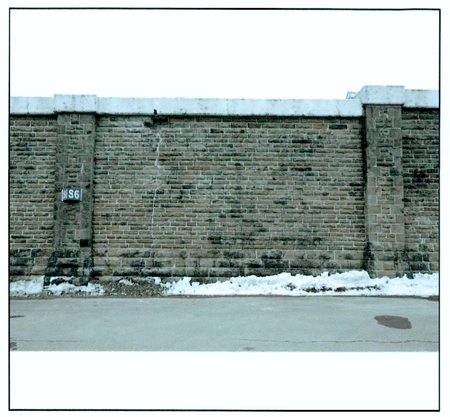
11 S302 PHOTO - TEST OPENING #1
N.T.S.

10 S302 PHOTO -
N.T.S.

7 S302 PHOTO -
N.T.S.



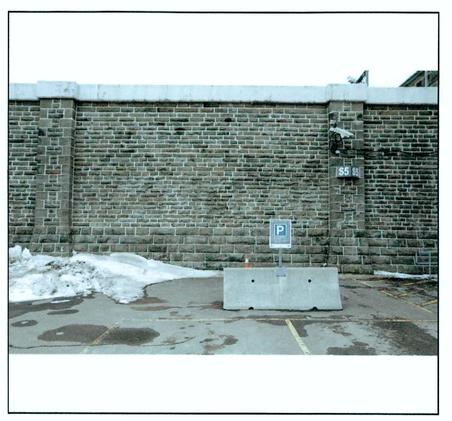
8 S302 PHOTO - PA15
N.T.S.



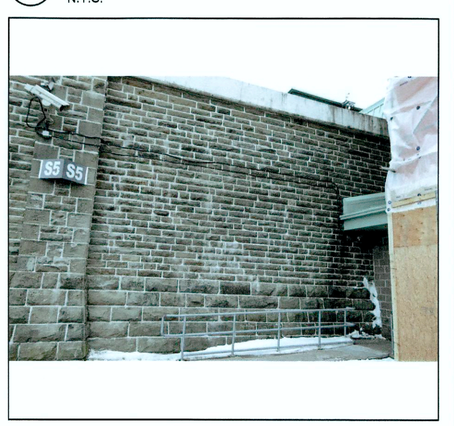
7 S302 PHOTO - PA14
N.T.S.

6 S302 PHOTO - PA13
N.T.S.

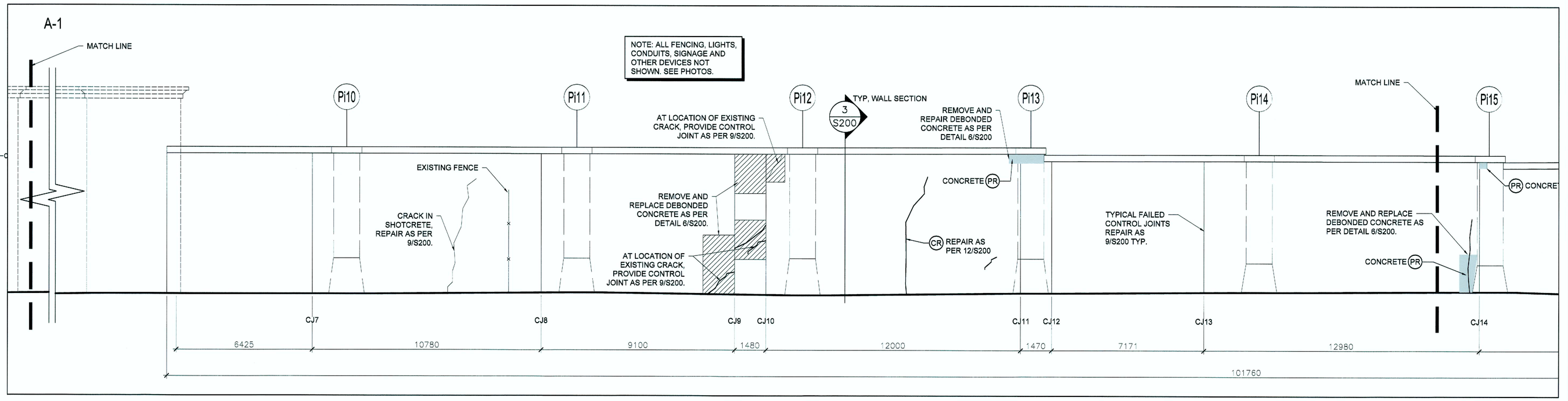
5 S302 PHOTO - PA12
N.T.S.



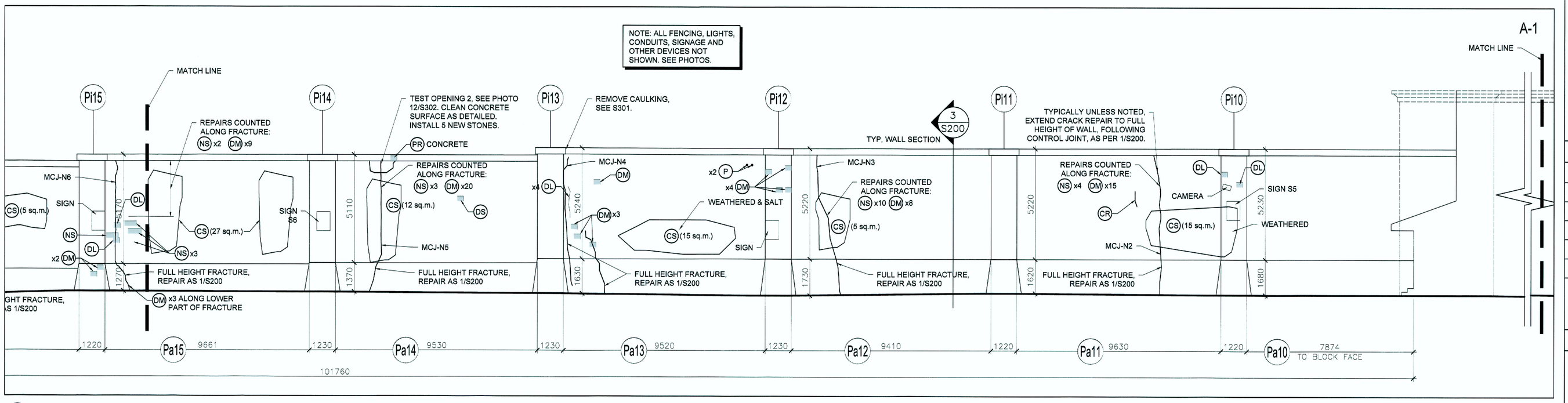
4 S302 PHOTO - PA11
N.T.S.



3 S302 PHOTO - PA10
N.T.S.



2 S302 PARTIAL INTERIOR ELEVATION - PANELS 10 TO 15
1 : 100



1 S302 PARTIAL EXTERIOR ELEVATION - PANELS 10 TO 15
1 : 100

KEY NOTES

1. 100% RAKE OUT AND REPOINTING OF EXPOSED STONE MASONRY ON EXTERIOR WALL IS INCLUDED. RAKE OUT JOINTS AS 1/S201. REPOINT JOINTS AS 2/S201.
2. FOR ROUNDED, WIDE JOINTS, IN EXCESS OF 20mm WIDE, FINISH POINT JOINTS AS PER 10/S201.
3. WHERE CORNERS OF STONE ARE LOST, SEE DETAIL 11/S201, FOR GUIDELINE AS TO WHEN TO FINISHPOINT, AND WHEN TO INSTALL DUTCHMAN REPAIR.

LEGEND OF STRUCTURAL REPAIRS

- (F) REPAIR FRACTURED STONE: DOWEL AND ADHERE FRACTURED STONE. SEE 3/S201 FOR REPAIR IN-SITU AND 4/S201 FOR REPAIR AFTER STONE REMOVED. (EACH REPAIR UNIT =300 LG. c/w TWO PINS)
- (D) REPAIR OF STONE USING DUTCHMAN REPAIR. SEE DETAIL 5 AND 6/S201. FOR PRICING ASSUME THE FOLLOWING:
  - (Ds) SMALL DUTCHMAN. AVERAGE SIZE 200x100x100 DEEP (0.02m³)
  - (DM) MID SIZED DUTCHMAN. AVERAGE SIZE 300x200x250DEEP (0.06m³)
  - (DL) LARGE SIZED DUTCHMAN. ABERAGE SIZE 300x400x300 DEEP (0.12m³)
- (Dc) DUTCHMAN REPAIR WITH CARVED DETAIL: REPAIR AS FOR LEGEND NOTE D. FINISH SURFACE TO MATCH SURROUNDING CARVED DETAIL. AVERAGE SIZE AS PER MID-SIZE DUTCHMAN.
- (R) REMOVE EXISTING STONE AND RESET: REMOVE, RESET AND ANCHOR STONE AS 12/S201. TO BACK-UP AND PIN TO ADJACENT STONE. ASSUME AVERAGE STONE SIZE OF 300x1200x300mm DEEP THICK/UNIT (0.36m³)
- (NS) REMOVE EXISTING STONE AND REPLACE WITH NEW STONE. RESET AND ANCHOR AS FOR LEGEND NOTE R FOR PRICING. ASSUME STONE IS 300mm AVERAGE THICK UNLESS NOTED. AVERAGE NEW STONE OF 300x1200 X300TK.
- (SH) SHARD REPAIRS, SEE DETAIL 9/S201. (EACH REPAIR UNIT = 300x300 AREA)
- (CDR) CONCRETE DELAMINATION REPAIR, SEE 13/S201.

UNIT RATE TABLE TOTAL FOR S302

REPAIR	SHOWN UNIT U/N	ADDITIONAL	TOTAL
(F)	0	10	10
(DL)	8	2	10
(DM)	65	10	75
(DS)	1	5	6
(Dc)	0	1	1
(R)	0	4	4
(NS)	9.2 sq.m	1 sq.m	10 sq.m
(SH)	0	2	2
(CDR)	0 sq.m.	2 sq.m.	2 sq.m.

LEGEND FOR MASONRY CONSERVATION REPAIRS

- (RM) RESTORATION MORTAR: SMALL CHIPS/ VOIDS/ EXISTING PATCHES/ MINOR SPALLS IN FACE OF STONE. REFER TO SPECIFICATIONS FOR REPAIR PROCEDURE.
- (CR) CRACK REPAIR: REFER TO SPECIFICATIONS.
- (P) REMOVE EXISTING STEEL INSERT AND REPAIR AS PER 'RM' RESTORATION MORTAR REQUIREMENTS. REFER TO SPECIFICATIONS.
- (DS) DESCALING: REMOVE LOOSE PORTIONS OF MASONRY BY IMPACT WITH BUSH HAMMER. ALLOW RESURFACING OF COMPLETE STONE BY TOOLING OR CONSOLIDATION. UNIT BROKEN OUT BY STONE AS DEFINED UNDER (R)
- (EF) EFFLORESCENCE, NO ACTION EXCEPT WASH DOWN MASONRY AT COMPLETION OF CONSERVATION WORK
- (PR) PREVIOUS REPAIR NO WORK REQUIRED
- (CS) CONSOLIDATION REPAIRS, SEE SPECIFICATION.

UNIT RATE TABLE TOTAL FOR CONTRACT

REPAIR	SHOWN	ADDITIONAL	TOTAL
(RM)	0	10	10
(CR)	1	10	11
(P)	0	12	12
(DS)	0	4	4
(CS)	74 sq.m.	15 sq.m.	89 sq.m.

LEGEND

C.J# CONTROL JOINT IN SHOT CRETE

MCJ-N# NEW MORTAR CONTROL JOINT

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

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01	ISSUED FOR TENDER	2017/07/31
revisions		date

project / projet
WEST PERIMETER WALL REPAIRS DORCHESTER PENITENTIARY MEDIUM SECTOR DORCHESTER, NB

drawing / dessin
PARTIAL ELEVATIONS PANELS 10 TO 14

designed JCAL / conçu
date
drawn C.P. / dessiné
date JULY 2017
approved TEM / approuvé
date JULY 2017
Tender / Soumission
PWGSC Project Manager 2017.08.09 Administrateur de projets TPSGC
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S302

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