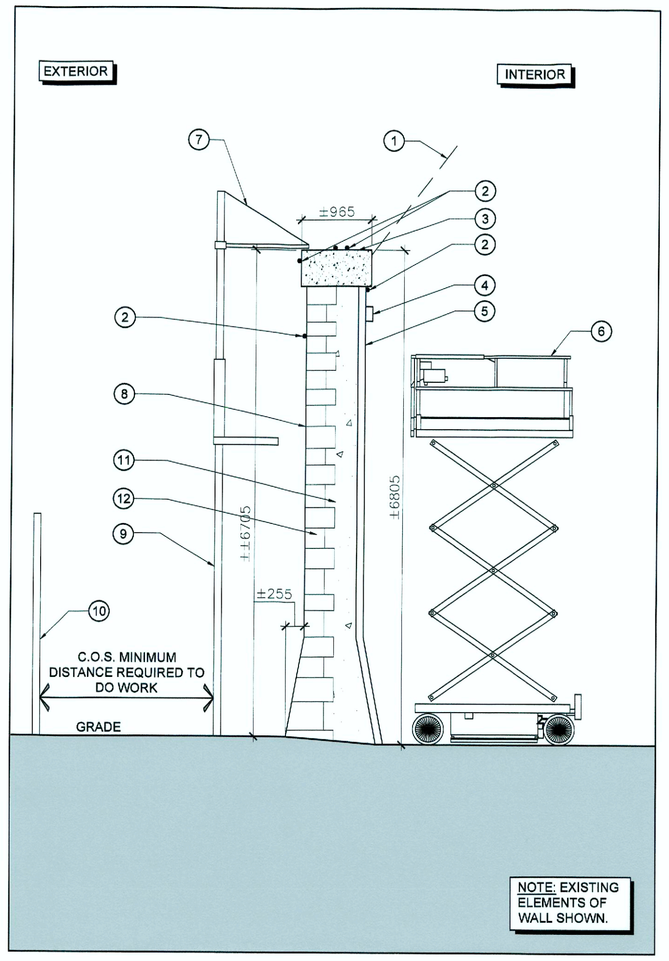
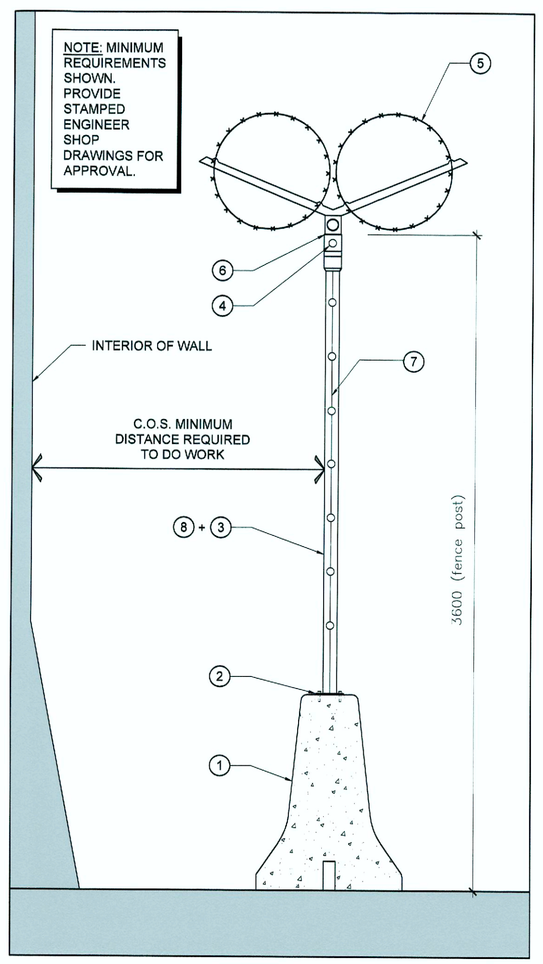


5 A100 SECTION - TYPICAL WALL COMPONENTS AND WORK ACCESS
1 : 50



4 A100 SECTION - TEMPORARY SECURITY BARRIER
1 : 20

TYPICAL WALL SECTION NOTES (5/A100)

1. SECURITY FENCING. GENERALLY LEAVE IN PLACE AND DO WORK AROUND. WHERE THE WORK REQUIRES TEMPORARY REMOVAL AND THEN REINSTALLATION, OBTAIN WRITTEN APPROVAL FROM THE DEPARTMENTAL REPRESENTATIVE AND PROVIDE TEMPORARY SECURITY MEASURES UNTIL FENCE IS REINSTALLED.
2. CONDUITS.
3. CONCRETE CAP.
4. LIGHT.
5. SHOTCRETE FACE.
6. USE SCISSOR LIFT AT INTERIOR FOR ACCESS.
7. COVER TO RESTRICT CLIMBING.
8. MASONRY FACE.
9. USE CLIMBING PLATFORM AT EXTERIOR FOR ACCESS.
10. CONSTRUCTION FENCING.
11. CONCRETE CORE.
12. KEYING/DEPTH OF STONE IS SCHEMATIC. STONE DEPTH VARIESFROM +/-200mm TO +/-500mm.

TEMPORARY SECURITY BARRIER SECTION NOTES (4/A100)

1. TEMPORARY SECURITY FENCE BASE: CONCRETE JERSEY BARRIER. OBTAIN FROM DEPARTMENTAL REPRESENTATIVE FROM LOCAL STORAGE.
2. 100mm X 100mm X 6.4mm BASE PLATE MECHANICALLY FASTENED TO JERSEY BARRIER WITH (4) ANCHORS PER BASE PLATE.
3. 150mm or 73mm Ø GALVANIZED STEEL POST (75mm SHOWN HERE)
4. 42mm Ø GALVANIZED STEEL TOP & BOTTOM RAIL.
5. 710/635 mm Ø DOUBLE COIL BARBED TAPE CONCERTINA
6. GALVANIZED STEEL BRACKETS.
7. PROVIDE CROSS MEMBER AND CHAIN-LINK FENCING.
8. ALL CORNER GATE POSTS TO BE 150 MM.

GENERAL NOTES

A. IN WORK AREA, IDENTIFY WITH DEPARTMENTAL REPRESENTATIVE REDUNDANT CONDUIT. WIRING LIGHTING AND OTHER DEVICES FOR REMOVAL AND/OR REPLACEMENT AND MAKING GOOD SURFACES. WORK AREA INCLUDES NORTH, SOUTH, EAST, WEST WALLS, TOWERS AND OTHER LOCATIONS AS SHOWN ON E-SERIES.

B. ALL DEVICES SUCH AS CAMERAS, LIGHTS, SENSORS, CONDUITS, FENCING TO REMAIN ACTIVE AND, FOR CAMERAS, MAINTAIN VIEWS. COORDINATE WITH AND OBTAIN APPROVAL FROM DEPARTMENTAL REPRESENTATIVE BEFORE DOING WORK FOR CAMERAS REQUIRING READJUSTMENT OF FIELD OF VIEWS, OBTAIN WRITTEN SIGN-OFF FROM CSC REPRESENTATIVE ON SITE (ADGA) BEFORE MOVING. SEE E-SERIES FOR ADDITIONAL DIRECTION.

C. UNFASTEN AND SUPPORT IN PLACE ALL DEVICES SUCH AS CAMERAS, LIGHTS, SENSORS, CONDUITS TO DO WORK THEN REFASTEN IN PLACE. REMOVE OLD FASTENERS AND REPLACE WITH STAINLESS STEEL FASTENERS. FOR CONDUIT ATTACHED TO FACE OF WALL INCLUDE 19MM SPACES BETWEEN FACE OF WALL AND FASTENER/CONDUIT. SUBMIT WORKPLAN FOR REVIEW BY DEPARTMENTAL REPRESENTATIVE AND OBTAIN WRITTEN APPROVAL FROM DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING. SEE E-SERIES FOR ADDITIONAL DIRECTION.

D. COORDINATE WITH DEPARTMENTAL REPRESENTATIVE TO MASK PIDS SYSTEM TO AVOID FALSE ALARMS.

E. AT BUILDING A1 COORDINATE WITH DEPARTMENTAL REPRESENTATIVE AND CSC REPRESENTATIVE TO TEMPORARILY MOVE INFRARED DETECTION SYSTEM (IDS).

F. REMOVE SIGNAGE TO DO WORK THEN REINSTALL WITH STAINLESS STEEL FASTENERS.

G. SEQUENCE PHASES TO DO WORK IN PHASE 1 FIRST THEN PHASE 2 UNLESS OTHERWISE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE. INCLUDE WORK AS DIRECTED IN E-SERIES.

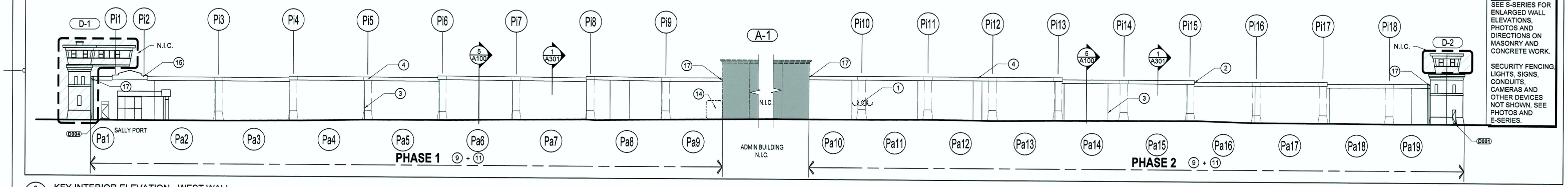
H. REFER TO S-SERIES DRAWINGS FOR MASONRY AND CONCRETE WORK AND OTHER WORK AS INDICATED AND SPECIFIED.

I. SEE E-SERIES FOR ELECTRICAL WORKS. COORDINATE WITH OTHER WORK AS INDICATED IN A-SERIES AND S-SERIES.

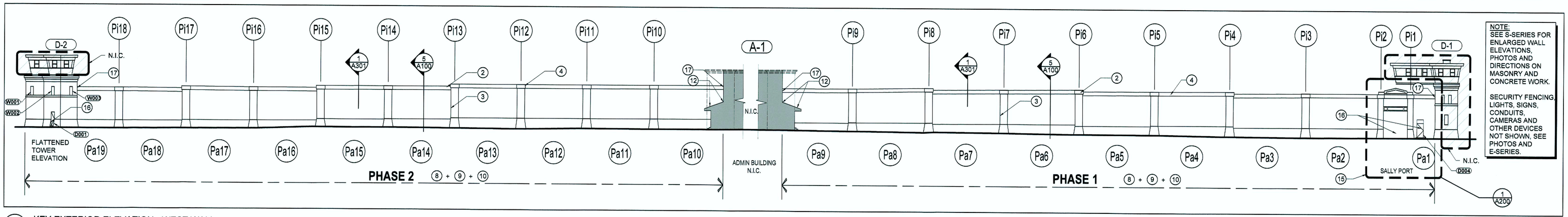
PLAN / ELEVATION NOTES (1-3/A100)

12. REPLACE SEALANT AT ROOF AND WALL FLASHING CONNECTION TO MASONRY WALLS.
13. COORDINATE AND CONFIRM WITH DEPARTMENTAL REPRESENTATIVE FOR SIZE AND LOCATION OF TEMPORARY SECURITY GATES.
14. INVESTIGATE DISPLACED LOWER PART OF SHOTCRETE WALL TO CONFIRM IF DISPLACEMENT HAS OCCURRED. SEE S-SERIES FOR ADDITIONAL DIRECTION.
15. SEE S-SERIES FOR DISMANTLING AND REBUILDING AT SALLY PORT AND A300 SERIES FOR FLASHING WORK.
16. MAINTAIN ACCESS TO AND FROM DOORWAYS THROUGH WORK AREA.
17. FLASH JUNCTION OF CONCRETE CAP AND WALL SIMILAR TO DETAIL 7/A301.
18. EXISTING METAL ROOF.
19. CONNECT TEMPORARY SECURITY FENCE WITH EXISTING FENCE.

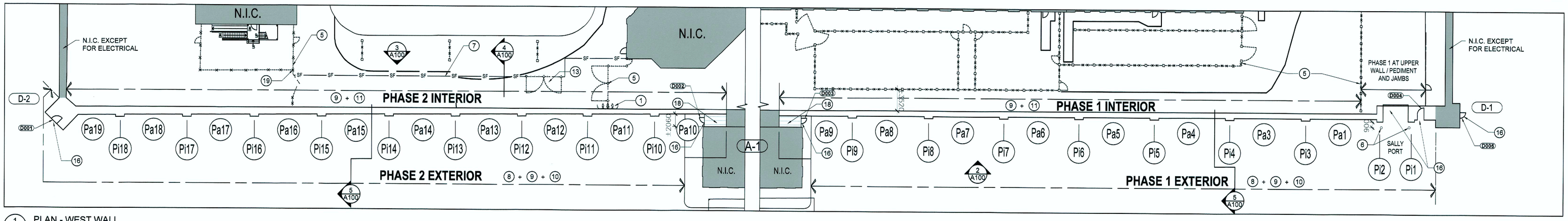
1. REMOVE REDUNDANT CONCERTINA WIRE ON WALL.
2. SEE A300 SERIES FOR FLASHING DETAIL AT CONCRETE CAP STEPPING. TYPICAL FOR ALL.
3. SEE A300 SERIES FOR SHOTCRETE CONTROL JOINT DETAIL AND S-SERIES FOR MASONRY CONTROL JOINT DETAIL.
4. SEE A300 SERIES FOR FLASHING DETAIL AT CONCRETE CAP CONTROL JOINT. SEE S-SERIES FOR LOCATION AND QUANTITY OF ALL CONTROL JOINTS.
5. EXISTING FENCING/GATES.
6. INSTALL PROTECTION BOLLARDS SEE S-SERIES.
7. INSTALL TEMPORARY SECURITY BARRIER INCLUDING LOCKABLE GATES BEFORE DOING PHASE 2 WORK. SEE SECTION 4/A100.
8. DO MASONRY WORK PER S-SERIES OF DRAWINGS.
9. AT CONCRETE CAP:
   - TEMPORARILY UNFASTEN AND SUPPORT ATTACHED DEVICES INCLUDING CONDUIT TO DO WORK.
   - STRIP PAINT.
   - MAKE CONCRETE REPAIRS.
   - REMOVE AND REPLACE SEALANT AT CONTROL JOINTS AND OTHER JOINTS AND JUNCTURES.
   - INSTALL FLASHING OVER CONTROL JOINTS.
   - REFASTEN DEVICES.
   - REMOVE RUST AND REPAINT ANCHOR PLATES BOLTS AND LOWER 200mm OF SECURITY FENCING.
   - SEAL SIDES AND TOPS OF SECURITY FENCING ANCHOR PLATES.
10. MASONRY WALL:
   - TEMPORARILY UNFASTEN AND SUPPORT ATTACHED DEVICES INCLUDING CONDUIT TO DO WORK.
   - DO MASONRY WORK PER S-SERIES DRAWINGS AND AS INDICATED.
   - REFASTEN DEVICES.
11. AT SHOTCRETE WALL FACE:
   - TEMPORARILY UNFASTEN AND SUPPORT ATTACHED DEVICES INCLUDING CONDUIT TO DO WORK WITH. NO LOSS OF SERVICE. SEE GENERAL NOTE B.
   - POWER WASH AND CLEAN SURFACE.
   - CLEAN OUT CONTROL JOINTS.
   - DO CONCRETE REPAIRS PER S-SERIES.
   - APPLY PAINT COATING.
   - INSTALL SEALANT AND BACKER ROD AT CONTROL JOINTS AND OTHER LOCATIONS.
   - REFASTEN DEVICES.



3 A100 KEY INTERIOR ELEVATION - WEST WALL
1 : 300



2 A100 KEY EXTERIOR ELEVATION - WEST WALL
1 : 300



1 A100 PLAN - WEST WALL
1 : 300

PWGSC B1 (2004)

0 10 20mm 40 60 80 100 120 140 160 180 200mm

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

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revisions		date

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

drawing / dessin
PLANS, ELEVATIONS, SECTIONS

designed / conçu	RMA
date	JULY 2017
drawn / dessiné	C.L./A.R-M
date	JULY 2017
approved / approuvé	RM
date	JULY 2017
Tender / Soumission	DAN WORTH, PWGSC Project Manager / Administrateur de projets TPSGC — 2017-08-09
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