Bell Atlantic

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Director – FCC Relations

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JUN 24 1996
Federal Communications Commission
Office of Secretary

June 24, 1996

Ex Parte

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, N.W. Rm. 222
Washington, D.C. 20554

Re: Implementation of the Local Competition Provisions in the Telecommunications Act of 1996 (CC Docket No. 96-98)

Today, on behalf of Bell Atlantic, Don Albert, Chris Carswell, Bob Huggins, Pat Koch, Ron Lender, George Veazey and I met with Kasia Biernacki and Dan Gonzalez of Commr. Chong's office and Luis Enriquez and Joe Farrell of the Office of Plans and Policy to discuss loop and sub-loop unbundling. The attached technical diagrams and talkpieces were used during the meeting.

Please enter this letter and attachment into the record as appropriate. Please do not hesitate to contact me if there are any questions

Sincerely,

Joe Mulieri

Attachment

cc: K. Biernacki
L. Enriquez
J. Farrell
D. Gonzalez

No. of Copies rec'd 0+1
List ABCDE

MAJOR ISSUES

- New Manual Processes
- Record Keeping
- Remote Test Capability
- NID Identification / Marking
- Reprogramming Costs
- Operations Support Systems

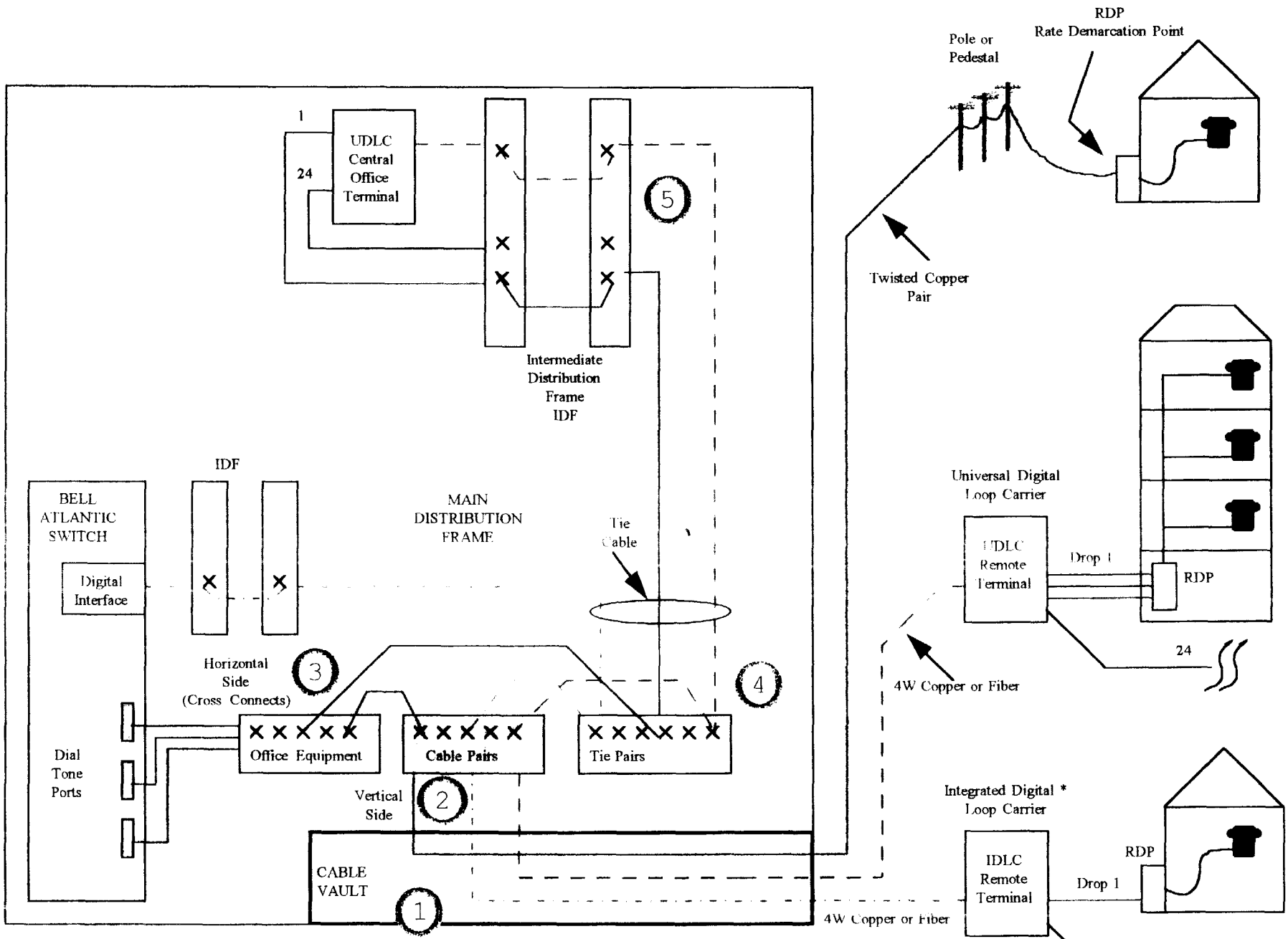
OPERATIONS SUPPORT SYSTEMS

- > 30 Mechanized Operations Support Systems (Databases) Impacted By Dial Tone Line Unbundling

  - Billing
  - Network Monitoring
  - Engineering
  - Ordering / Provisioning
  - Testing / Maintenance

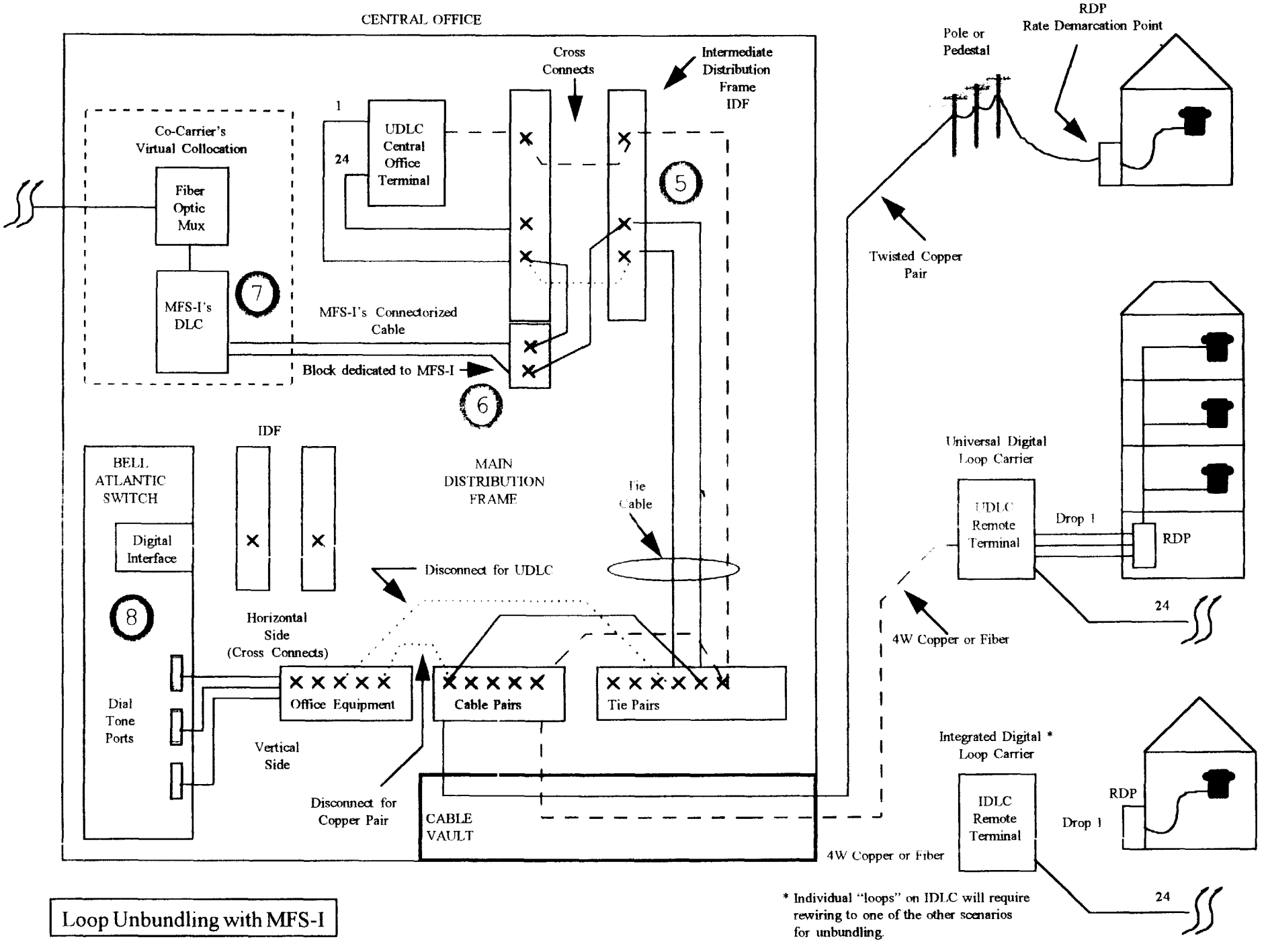
- Many Are Vendor Specific -- Some Require Major Modification and/or Development Effort

- Majority of Systems Are Impacted By the Outside Plant Facility (Unbundled Loop)



BA-MD - Dial Tone Architecture

* Individual "loops" on IDLC will require rewiring to one of the other scenarios for unbundling.



Loop Unbundling with MFS-I

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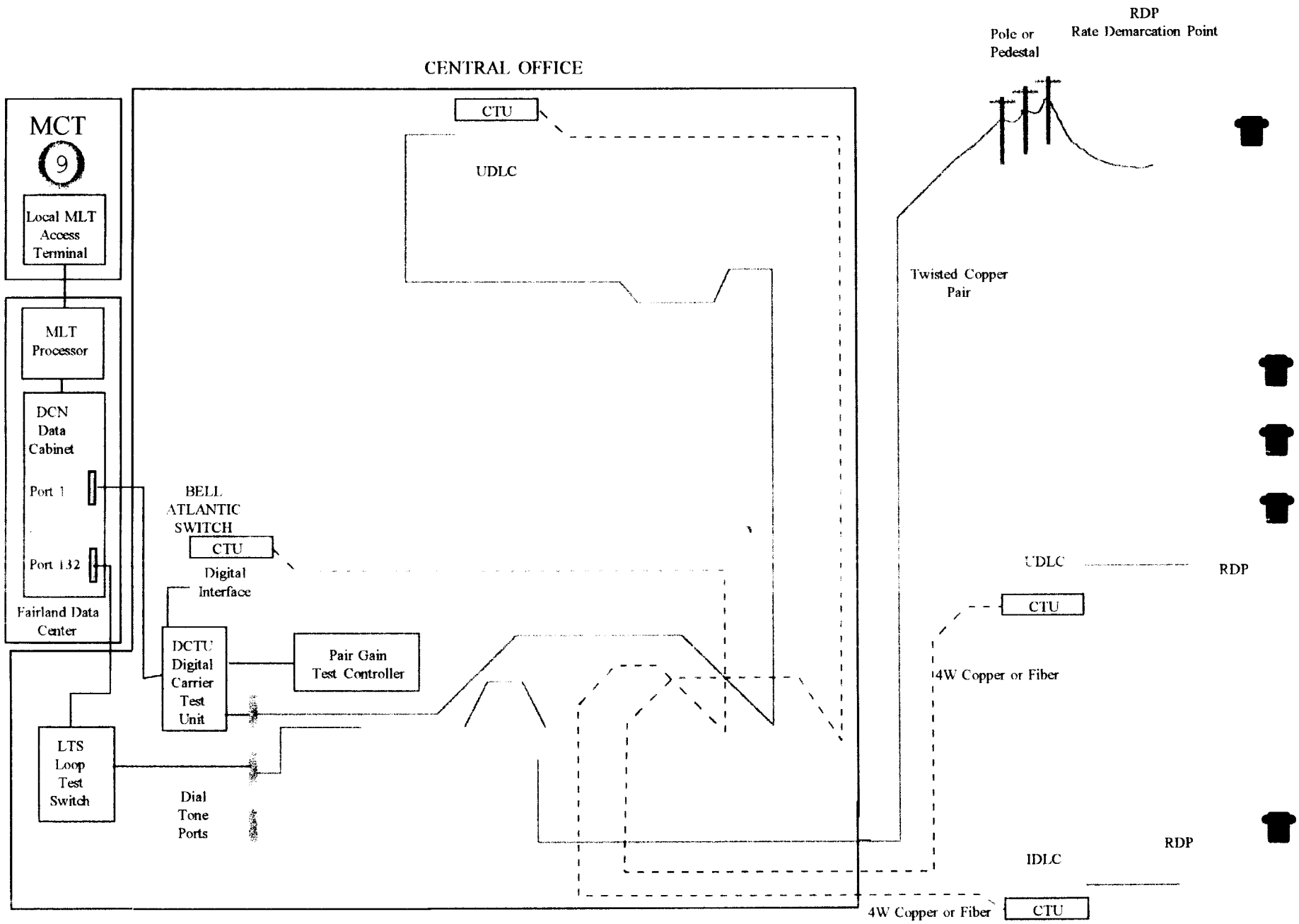
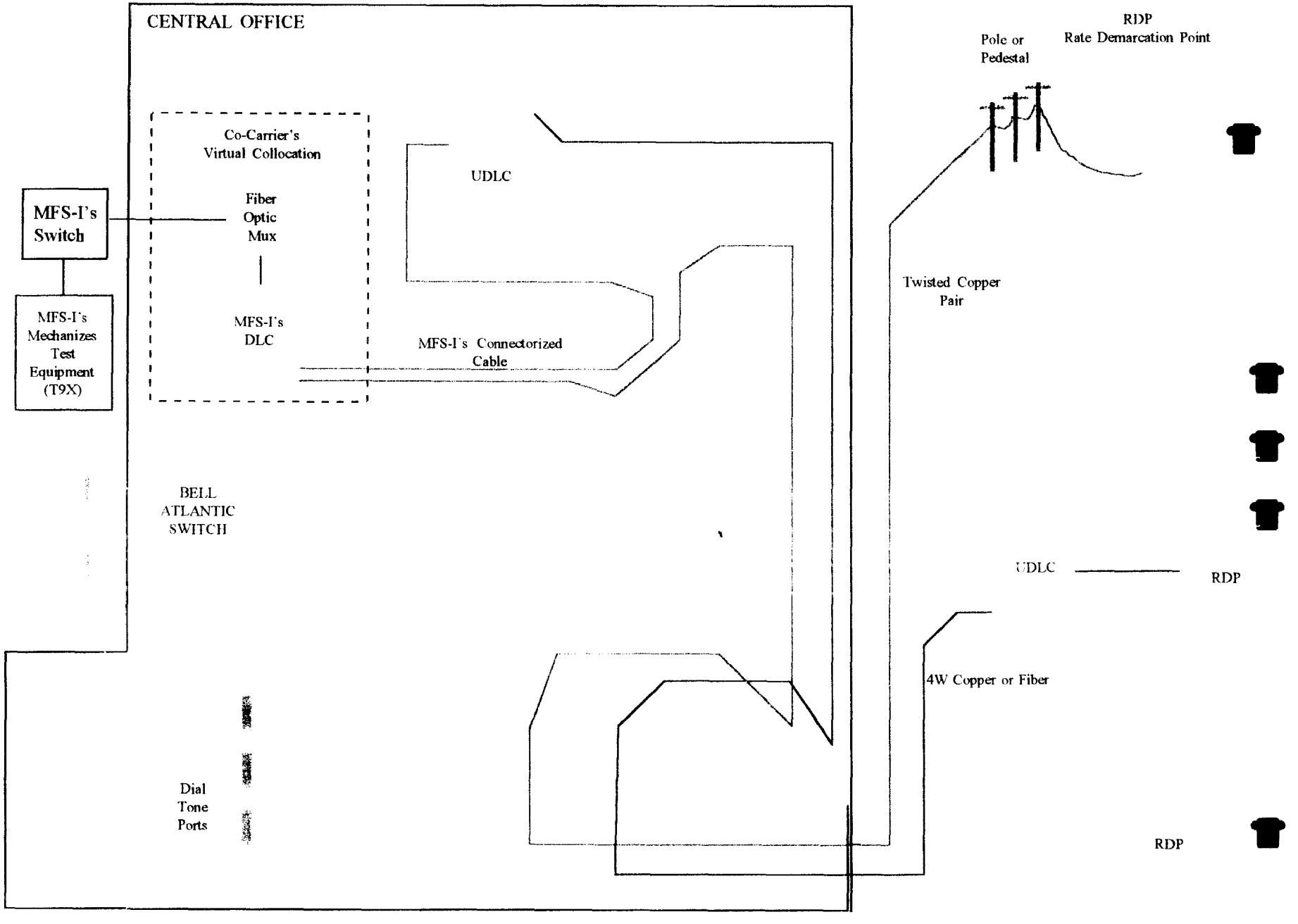


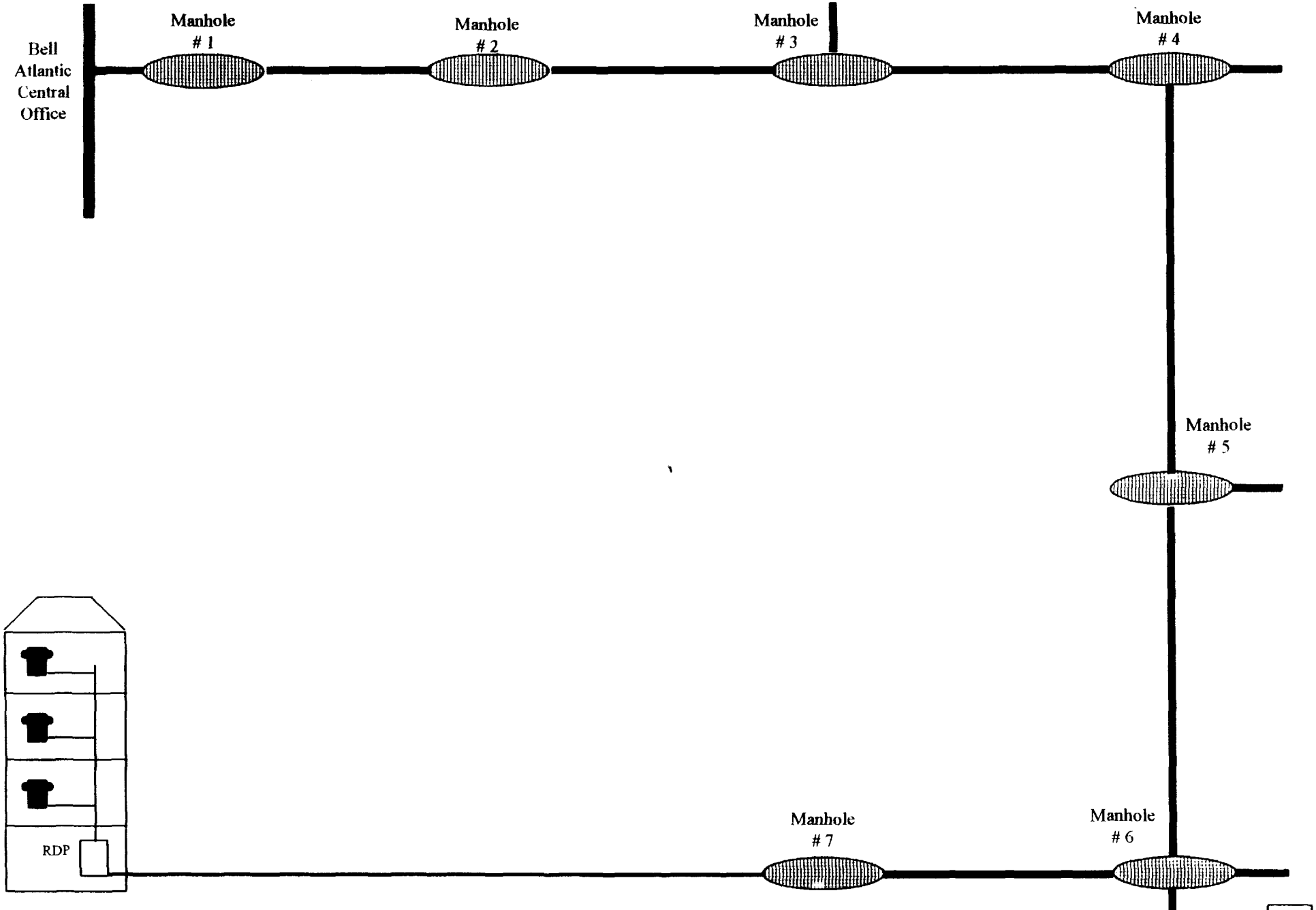
BA-MD - Loop Test Architecture



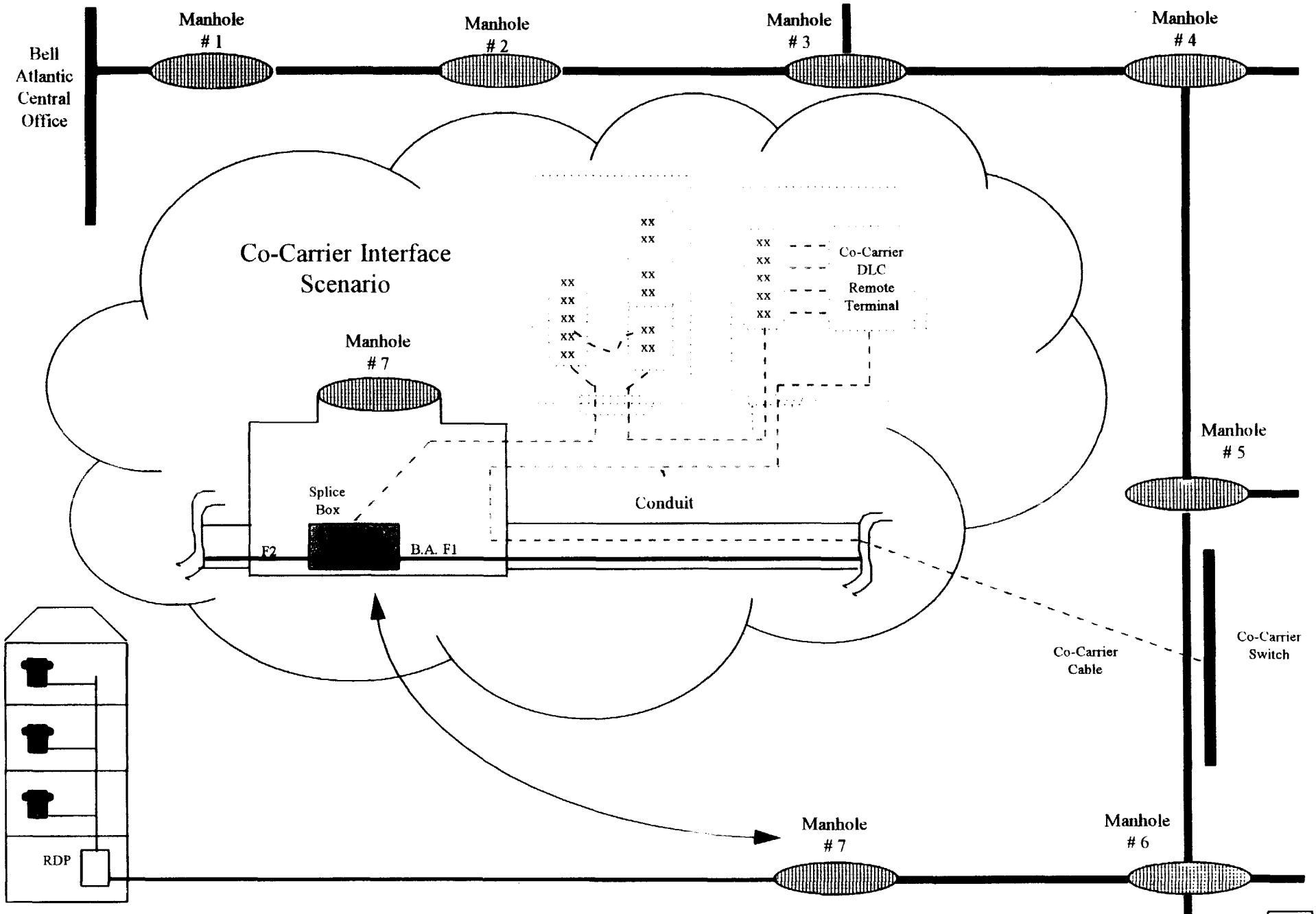
Unbundling Loop Test Considerations with MFS-I

MFS-I's Test Equipment
MFS-I's Testing Capability
Portion of Loop not MFS-I Testable

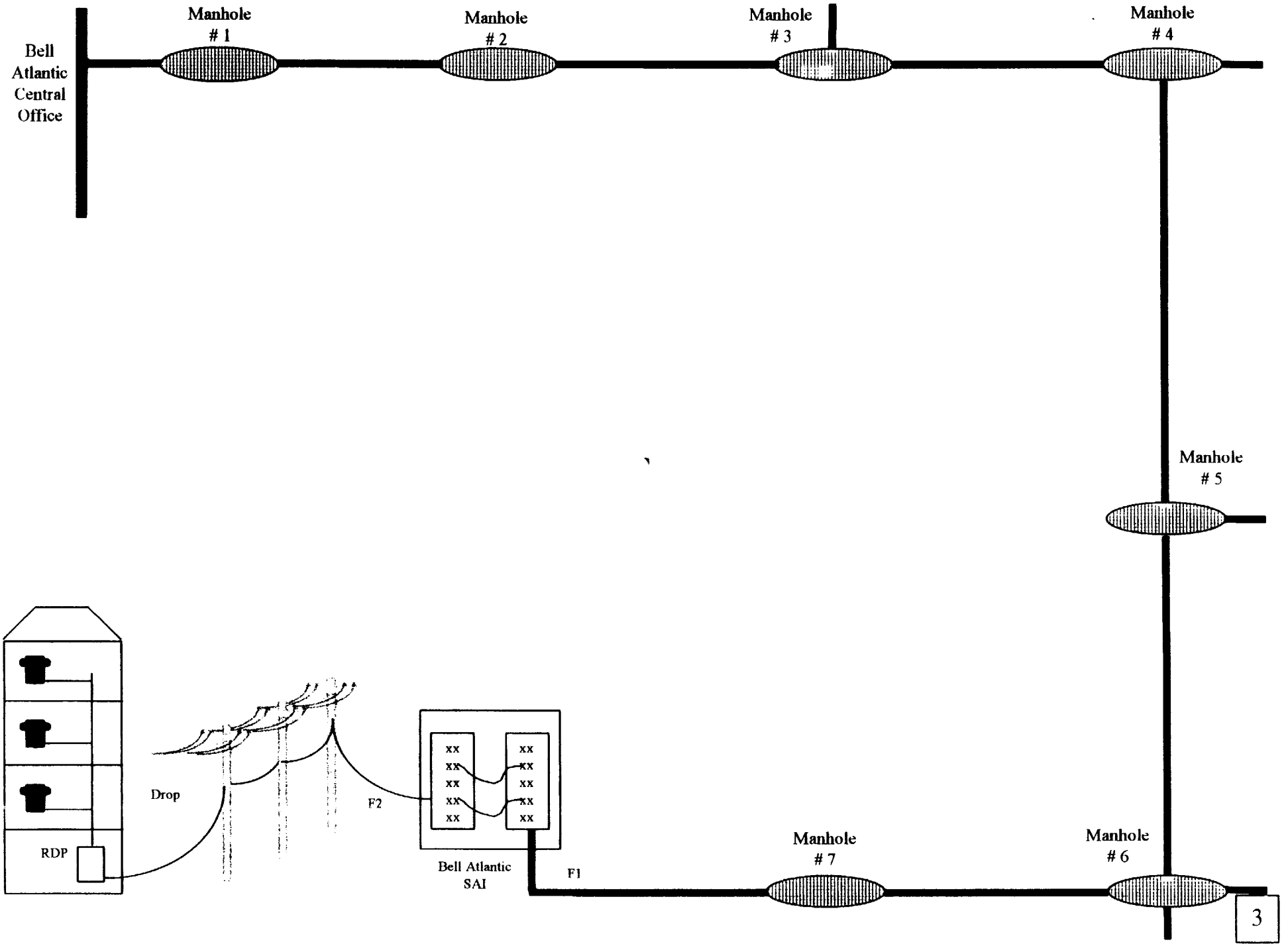
Straight F1 (Conduit and/or Buried) - Existing



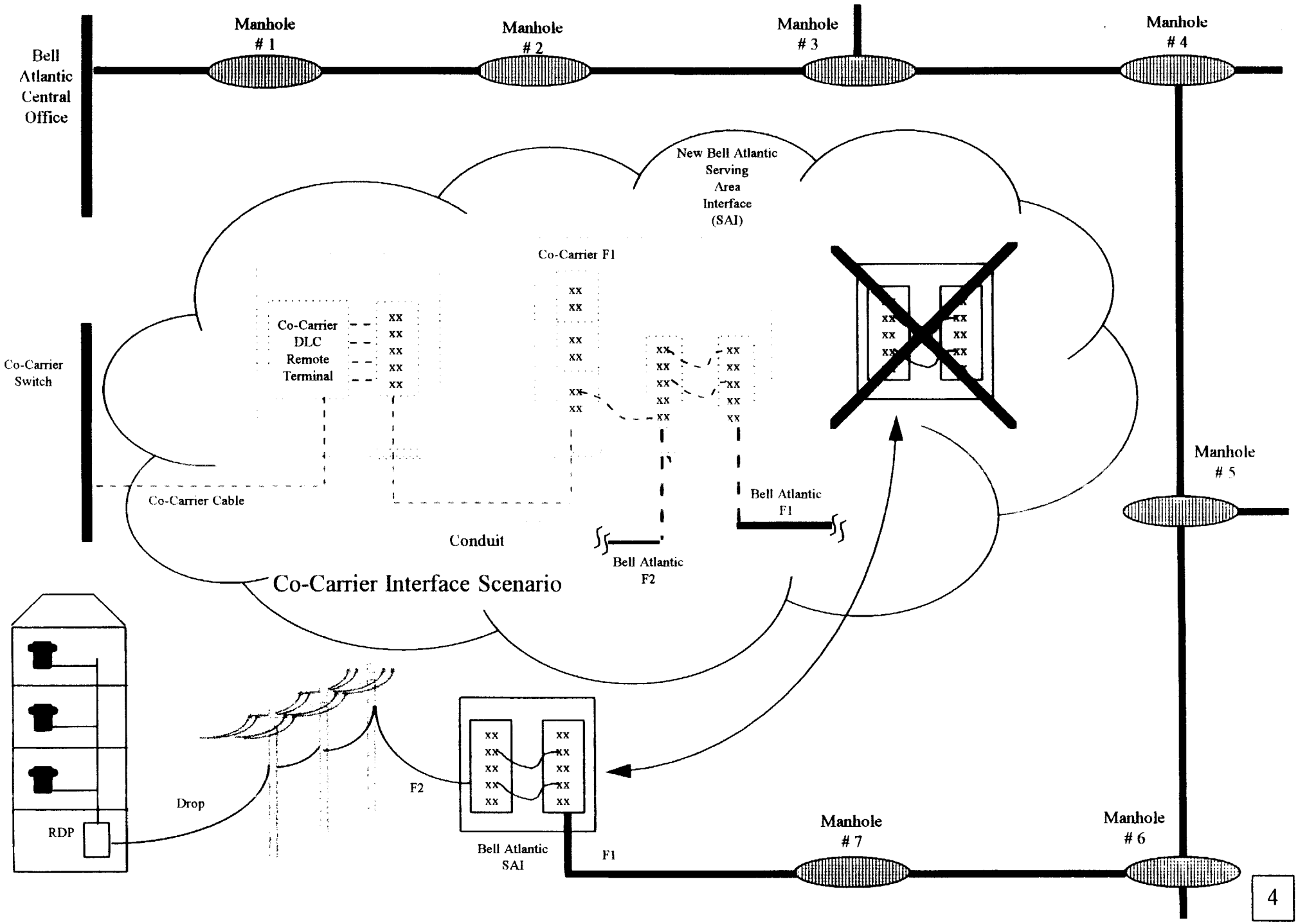
Straight F1 (Conduit and/or Buried) - Conceptual Sub-Loop Unbundling



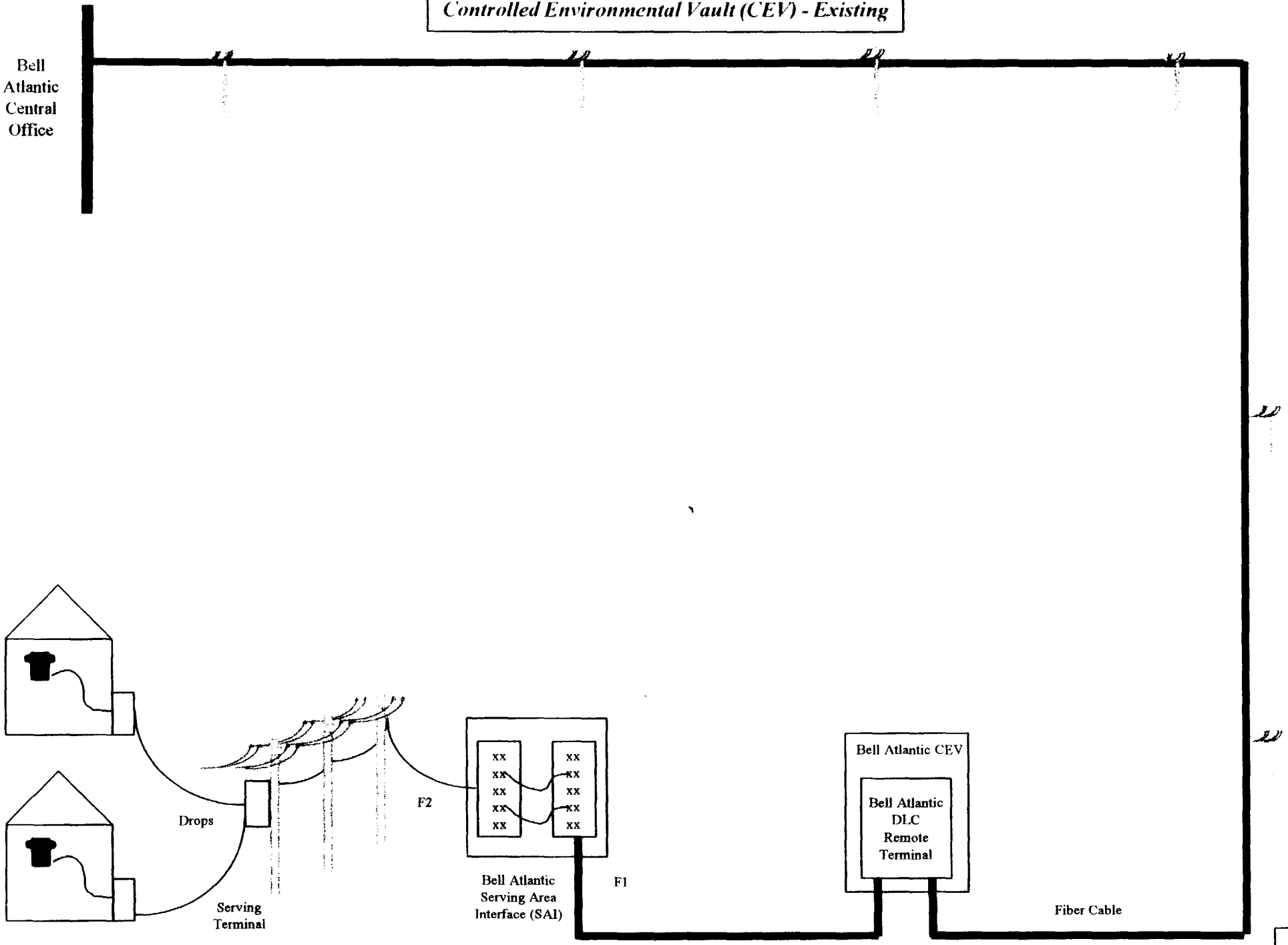
Serving Area Interface (SAI) F1 & F2 Existing

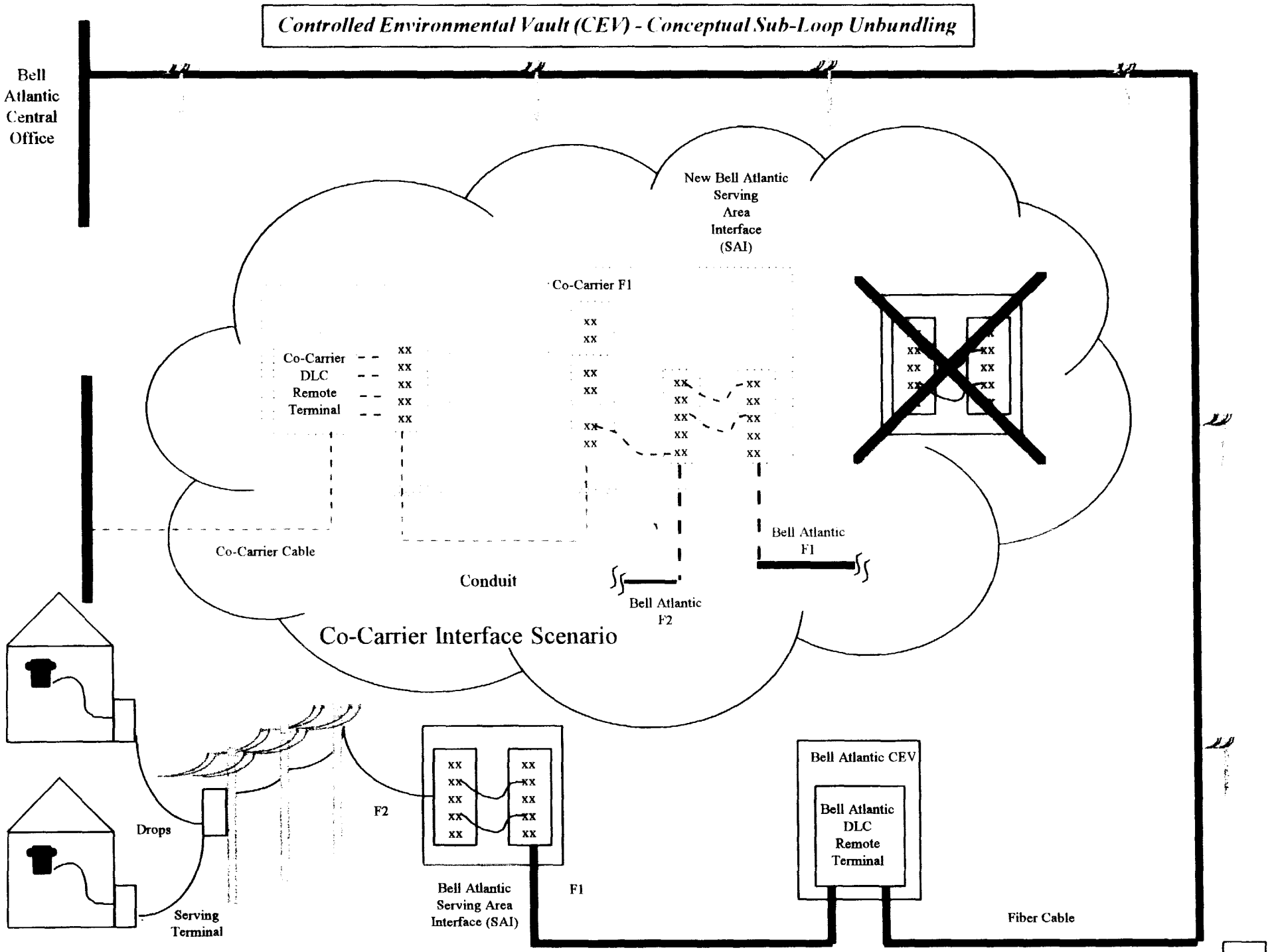


Serving Area Interface (SAI) - F1 & F2 - Conceptual Sub-Loop Unbundling



Controlled Environmental Vault (CEV) - Existing




Controlled Environmental Vault (CEV) - Conceptual Sub-Loop Unbundling
Bell Atlantic Central Office
New Bell Atlantic Serving Area Interface (SAI)
Co-Carrier F1
Co-Carrier DLC Remote Terminal
Co-Carrier Cable
Conduit
Bell Atlantic F1
Bell Atlantic F2
Co-Carrier Interface Scenario
Drops
Serving Terminal
F2
Bell Atlantic Serving Area Interface (SAI)
F1
Bell Atlantic CEV
Bell Atlantic DLC Remote Terminal
Fiber Cable