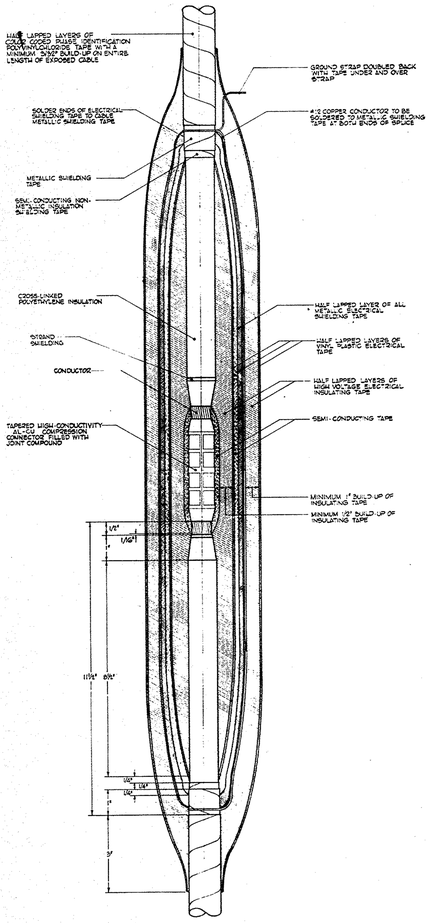
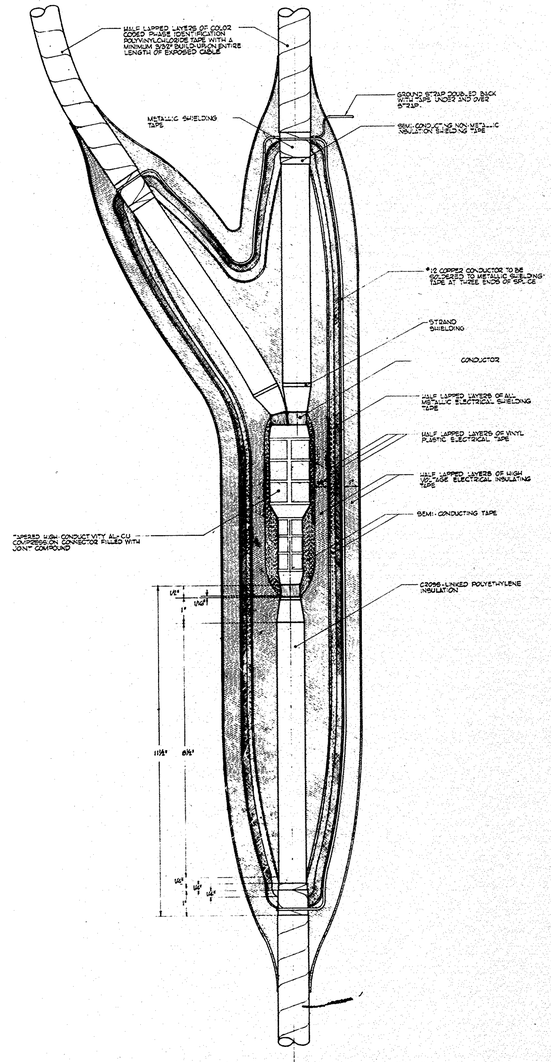
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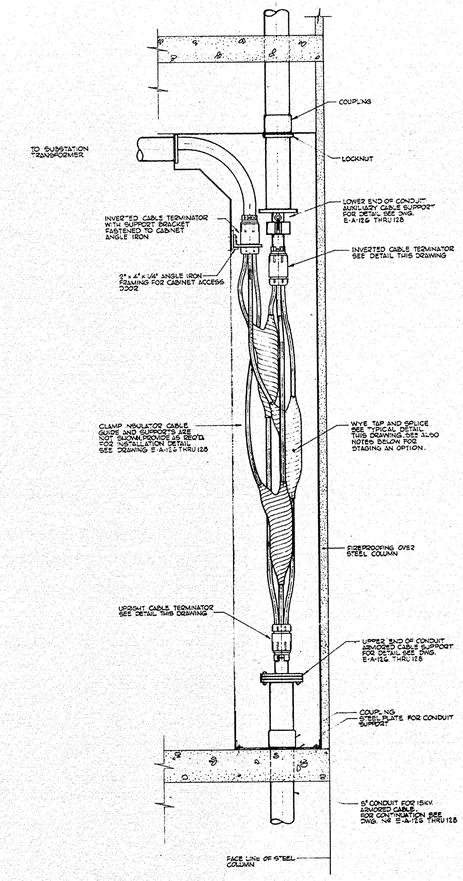

TYPICAL PRIMARY CABLE IN-LINE SPLICE DETAIL

NOT TO SCALE




TYPICAL PRIMARY CABLE WYE TAP AND SPLICE DETAIL

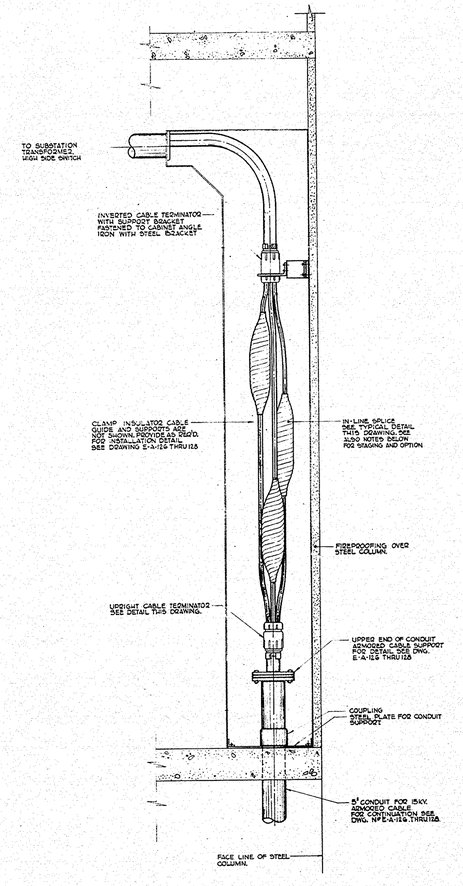
NOT TO SCALE




VERTICAL SECTION THROUGH TYPICAL BAY OF PRIMARY CABLE PULL AND SPLICE CABINET

SCALE: 1" = 1'-0"

APPLICABLE FOR SUBSTATIONS SS-7N&S, SS-41N&S, SS-75N&S




VERTICAL SECTION THROUGH TYPICAL BAY OF PRIMARY CABLE PULL AND SPLICE CABINET

SCALE: 1" = 1'-0"

APPLICABLE FOR SUBSTATIONS SS-108N & S.

NOTE:

A FINAL HALF LAPPED LAYER OF 33G AND FIREPROOFING TAPE TO COVER ENTIRE SECTIONS OF EXPOSED CABLES IN PULL AND SPLICE CABINET SHALL BE APPLIED AFTER INSTALLATION IS COMPLETED.

## STEPS REQUIRED FOR STAGING INSTALLATION OF FEEDERS

1. PULL ARMORED CABLE UP INTO CABINET - APPLY TEMPORARY SUPPORTS.
2. STRIP CABLE OF ARMOR - PERFORM PERMANENT SUPPORT CONNECTION.
3. PERFORM IN-LINE SPLICE TO UNARMORED CABLE FROM TRANSFORMER.
4. ACCEPTANCE TESTS - INSTALL BARRIER - ENERGIZE FEEDER (AFTER TESTS).

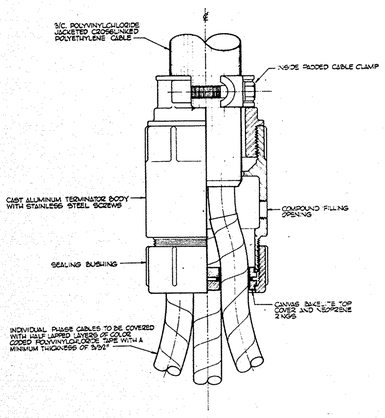
NOTE: IN LIEU OF MAKING SPLICE, CONTRACTOR MAY ELECT TO RUN CABLE DIRECTLY TO TRANSFORMER SWITCH AFTER STRIPPING ARMOR OFF LENGTH BETWEEN SWITCH AND CABINET.

## ADDITIONAL STEPS REQUIRED FOR WYE TAP ARRANGEMENT

5. AFTER CABLE TO NEXT HIGHER SUBSTATION IS IN PLACE AND PERMANENTLY SUPPORTED AT LOWER END, DE-ENERGIZE FEEDER - REMOVE BARRIER AND ACCEPTANCE.
6. BREAK-AWAY IN-LINE SPLICE AND PERFORM WYE TAP SPLICE.
7. PERFORM OPERATIONS UNDER NOTES 1 THRU 4 AT NEXT HIGHER SUBSTATION.
8. ACCEPTANCE CABLES - INSTALL BARRIER - ENERGIZE FEEDER (AFTER TESTS).

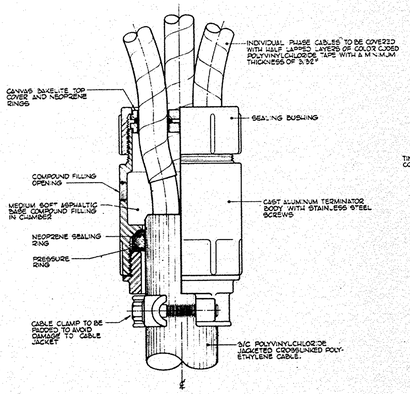
NOTE: IF OPTION UNDER NOTE 4 ABOVE IS EXERCISED NOTE 6 SHALL BE AS FOLLOWS

6. CUT AND SEPARATE CABLES TO TRANSFORMER SWITCH AND PERFORM WYE TAP SPLICE.



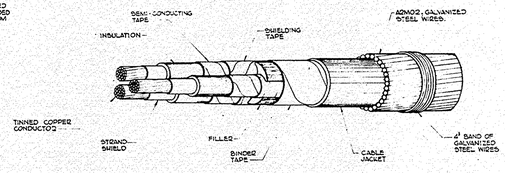

INVERTED WATERTIGHT PRIMARY CABLE TERMINATOR

NOT TO SCALE




UPRIGHT WATERTIGHT PRIMARY CABLE TERMINATOR

NOT TO SCALE




15 KV WIRE ARMORED CABLE DETAIL

NOT TO SCALE

1"=1'-0" 0" 3" 6" 9" 1' 2' 3' scale feet

CONTRACT BID DRAWING date OCT. 16, 1967

| NO. | DATE | BUL. NO. | BY | NO. | DATE | BUL. NO. | BY |
|---|---|---|---|---|---|---|---|
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REVISIONS REVISIONS

APPROVED

CHIEF, PLANNING DIVISION

DATE

# THE WORLD TRADE CENTER

THE PORT OF NEW YORK AUTHORITY

MINORU YAMASAKI & ASSOCIATES
MINORU YAMASAKI, ARCHITECT

EMERY ROTH & SONS
RICHARD ROTH, ARCHITECT

WORTHINGTON, SKILLING, HELLE & JACKSON
STRUCTURAL ENGINEERS

JAROS, BAUM & BOLLES
MECHANICAL ENGINEERS

JOSEPH R. LORING & ASSOCIATES
ELECTRICAL ENGINEERS

THE PORT OF NEW YORK AUTHORITY
PAVING, UTILITIES, FOUNDATIONS

TITLE

## PRIMARY FEEDER SPLICE DETAILS

| | | | |
|---|---|---|---|
| DRAWN | R.F.H. | CHECKED | J.R.L. |
| SCALE | AS NOTED | DATE | OCT. 16, 1967 |
| PROJECT NUMBER | | SHEET 106 OF 114 | |
| DRAWING NUMBER | E-A-126 | | |

File Juicer