

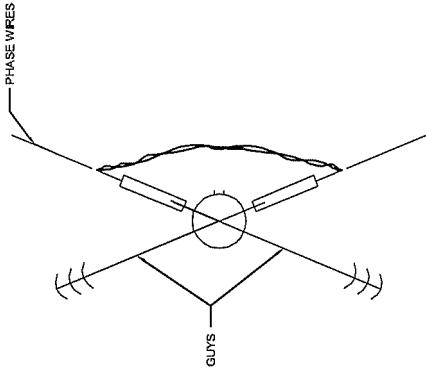
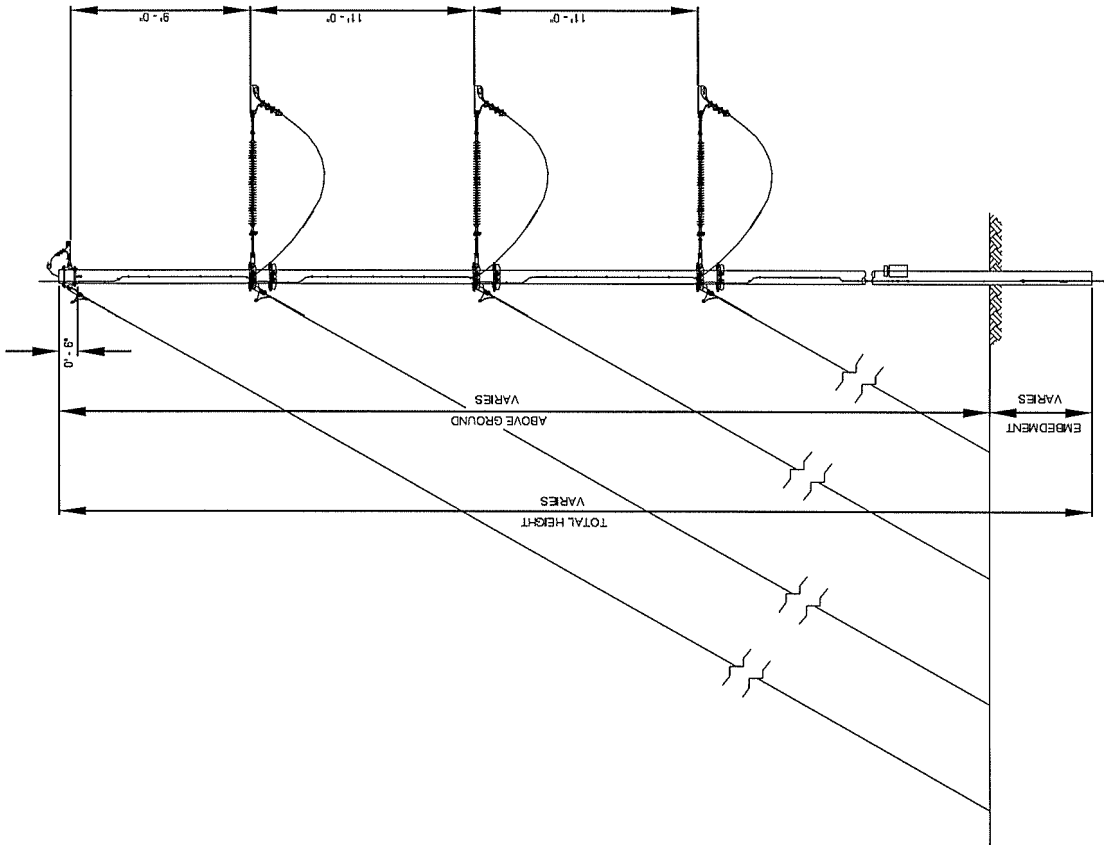
PRELIMINARY 7-12-06

NOTES:

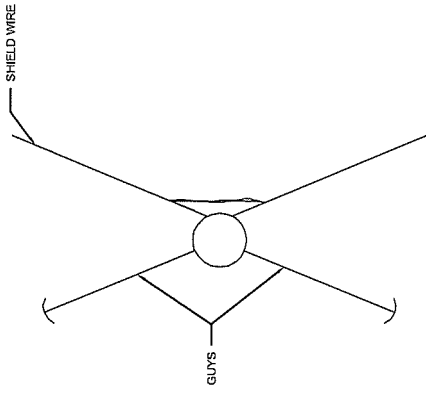
1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 5°-40°
4. 115W1_LA_VSUS2_GUY

| | | | | |
|----------------------------------|------|----|-------|---|
| NO. | DATE | BY | CHKD. | DESCRIPTION |
| | | | | VERMONT ELECTRIC POWER CO., INC. MIDDLEBURY, VERMONT |
| VELCO | | | | |
| STRUCTURES CONSTRUCTION TRAINING | | | | |
| 115W1_LA_VSUS2_GUY | | | | |
| DATE: 7/12/06 | | | | |
| DRAWN BY: [blank] | | | | |
| CHECKED BY: [blank] | | | | |
| SCALE: [blank] | | | | |
| SHEET NUMBER: SKETCH 4 | | | | |
| PAGE 1 OF 1 | | | | |

| | | | |
|---------|---------|---------|-------------|
| DATE | BY | CHKD. | DESCRIPTION |
| 7/12/06 | [blank] | [blank] | CH (P) |
| 7/12/06 | [blank] | [blank] | DR (P) |
| 7/12/06 | [blank] | [blank] | SC (P) |



CONDUCTOR PLAN



OHGW PLAN

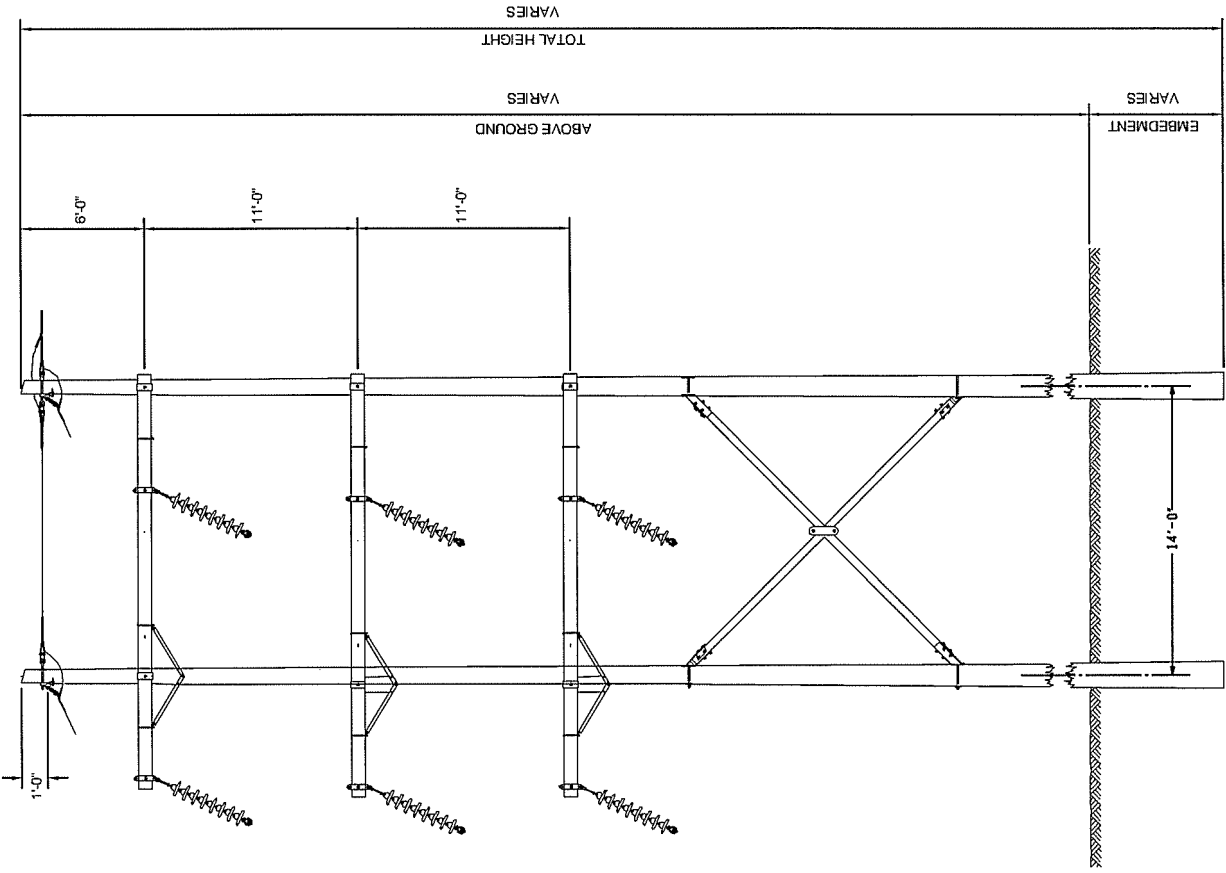
PRELIMINARY 7-12-06

NOTES:

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 60'-105'
4. 115W1_DE_GUY

POWER ENGINEERS
 CONSULTING ENGINEERS
 1155 W. 10TH ST.
 SUITE 100
 DENVER, CO 80202
 TEL: (303) 733-1111
 FAX: (303) 733-1112
 WWW: WWW.POWERENGINEERS.COM

| | | | |
|-----|---------|------|----------------------------|
| NO. | DATE | REV. | DESCRIPTION |
| 1 | 7/12/06 | 1 | PRELIMINARY SKETCH |
| 2 | 7/12/06 | 2 | REVISED TO ADD GUY WIRE |
| 3 | 7/12/06 | 3 | REVISED TO ADD SHIELD WIRE |
| 4 | 7/12/06 | 4 | REVISED TO ADD PHASE WIRES |
| 5 | 7/12/06 | 5 | REVISED TO ADD GUY WIRE |
| 6 | 7/12/06 | 6 | REVISED TO ADD SHIELD WIRE |
| 7 | 7/12/06 | 7 | REVISED TO ADD PHASE WIRES |
| 8 | 7/12/06 | 8 | REVISED TO ADD GUY WIRE |
| 9 | 7/12/06 | 9 | REVISED TO ADD SHIELD WIRE |
| 10 | 7/12/06 | 10 | REVISED TO ADD PHASE WIRES |

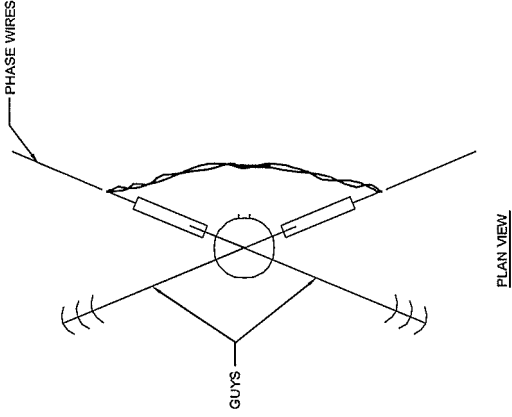
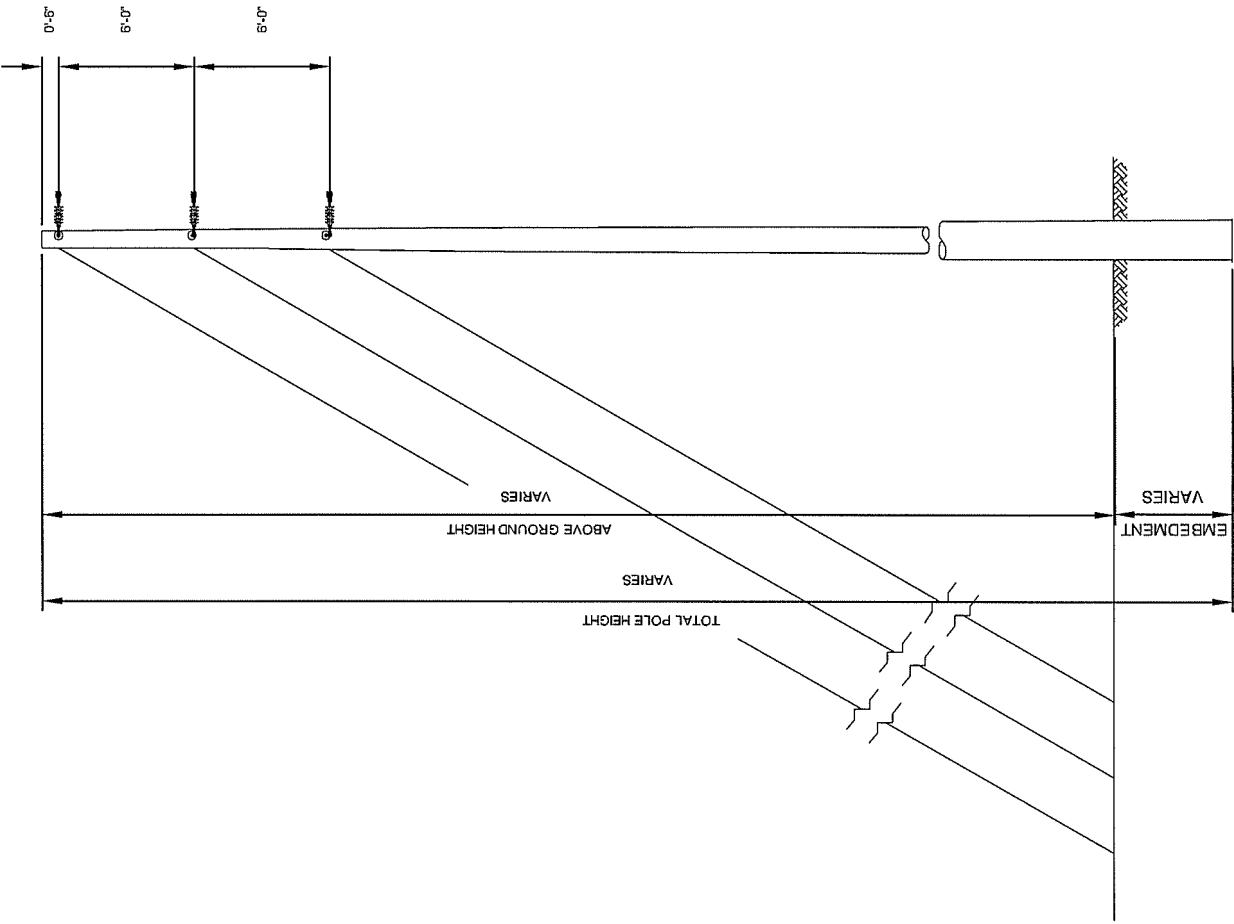


PRELIMINARY 7-12-06

NOTES:

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 1'-20'

| | | | | | | | |
|---|---------|--------------|---------|---|---------|--------------|---------|
| DATE | 7/12/06 | BY | CH (P) | DATE | 7/12/06 | BY | CH (P) |
| PROJECT NO. | 1505030 | PROJECT NAME | 1505030 | PROJECT NO. | 1505030 | PROJECT NAME | 1505030 |
| POWER ENGINEERS 1155 W. 11TH ST. SUITE 100 DENVER, CO 80202 | | | | VELCO VERMONT ELECTRIC POWER CO., INC. 1155 W. 11TH ST. SUITE 100 DENVER, CO 80202 | | | |
| PROJECT DESCRIPTION: STRUCTURE CONFIGURATION DRAWING | | | | SHEET NUMBER: SKETCH 7 | | | |

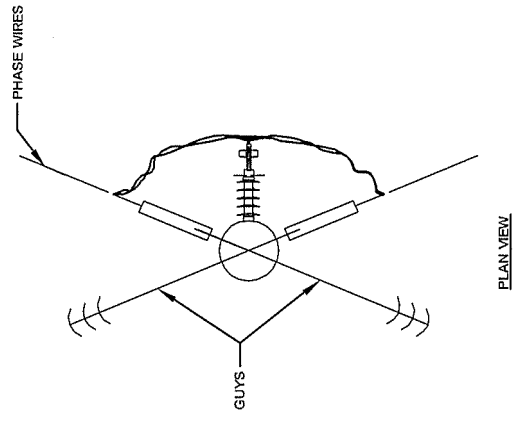
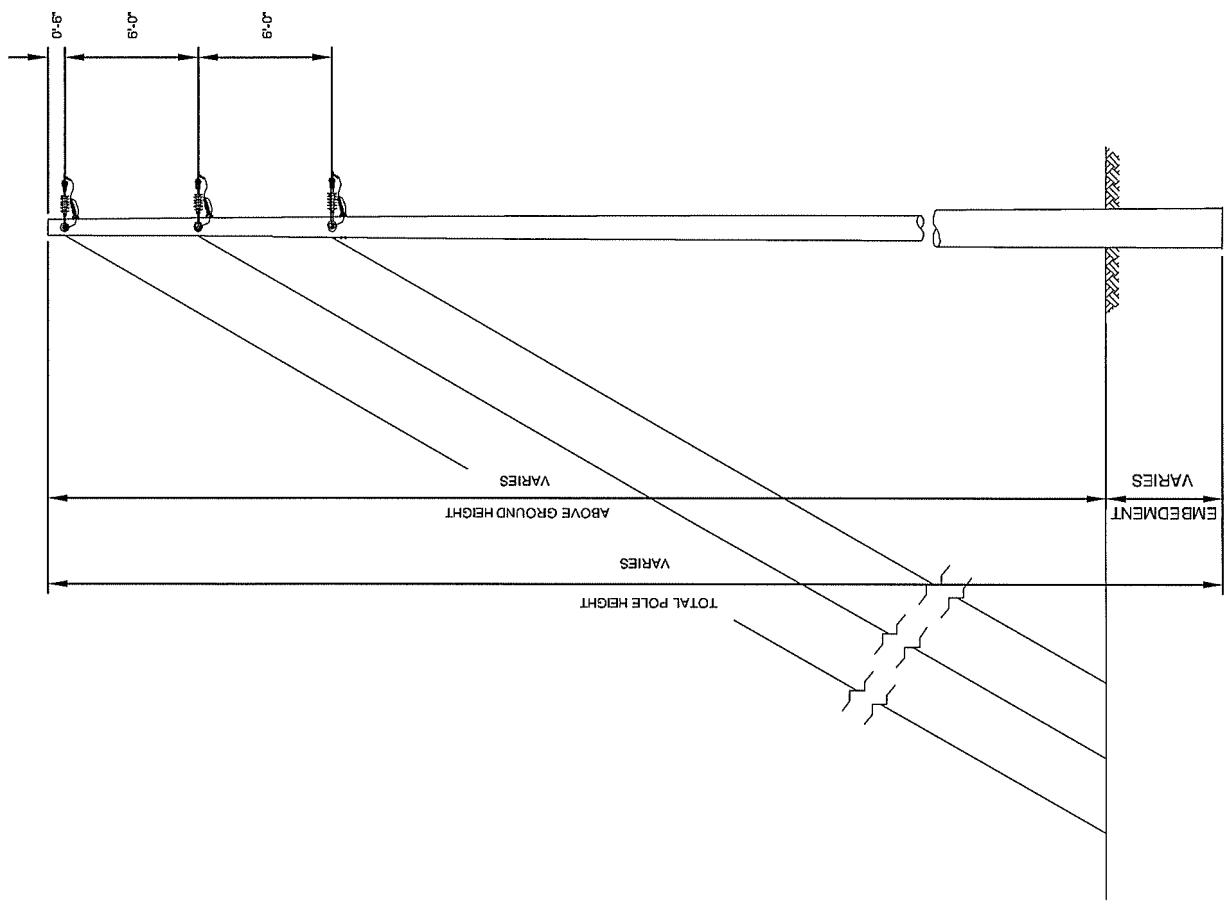


PRELIMINARY 7-12-06

NOTES:

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 30°-60°
4. DIST_34DE-VERT-1CKT

| | | | |
|---|--|--|--|
| | | PROJECT NO. _____ SHEET NO. _____ DATE: 7/12/06 DRAWN BY: _____ CHECKED BY: _____ SCALE: _____ SHEET TITLE: SKETCH 8 | |
| CLIENT: _____ PROJECT: _____ LOCATION: _____ CONTRACT NO.: _____ PROJECT NO.: _____ SHEET NO.: _____ | | DESIGNER: _____ CHECKER: _____ DATE: 7/12/06 SCALE: _____ SHEET TITLE: SKETCH 8 | |



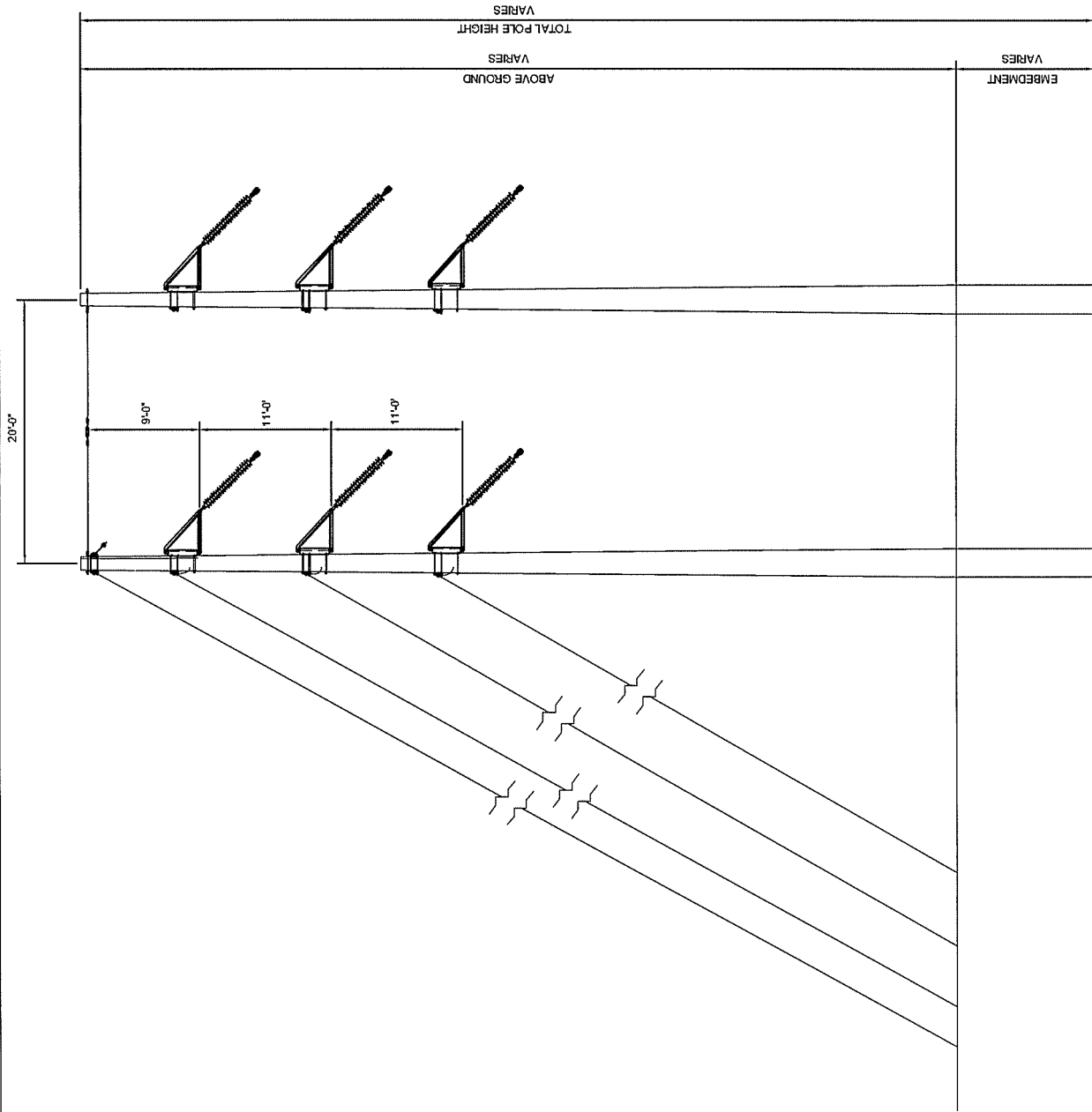
PLAN VIEW

PRELIMINARY 7-12-06

NOTES:

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 60°-100°
4. DIST_34DE-VERT-1CKT

| | | | |
|--|--------------------------|--|--------------------------|
| | | VELCO VERMONT ELECTRIC POWER CO., INC. VERMONT, NEW HAMPSHIRE | |
| DATE: 7/12/06 | PROJECT: 34 DE VERT 1CKT | DATE: 7/12/06 | PROJECT: 34 DE VERT 1CKT |
| DESIGNED BY: [] | CHECKED BY: [] | DATE: 7/12/06 | PROJECT: 34 DE VERT 1CKT |
| POWER ENGINEERS ASSOCIATES, INC. 245 W. MAIN STREET, SUITE 200 WASHINGTON, VT 05676 TEL: 802-535-1111 FAX: 802-535-1112 WWW: WWW.POWERENGINEERS.COM | | DRAWING NUMBER: SKETCH 8A PAGE: 1 OF 1 | |

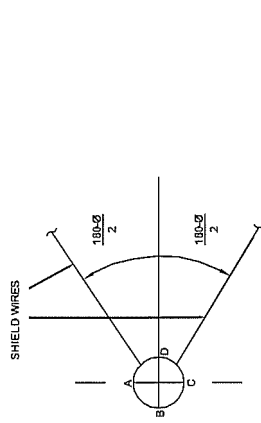
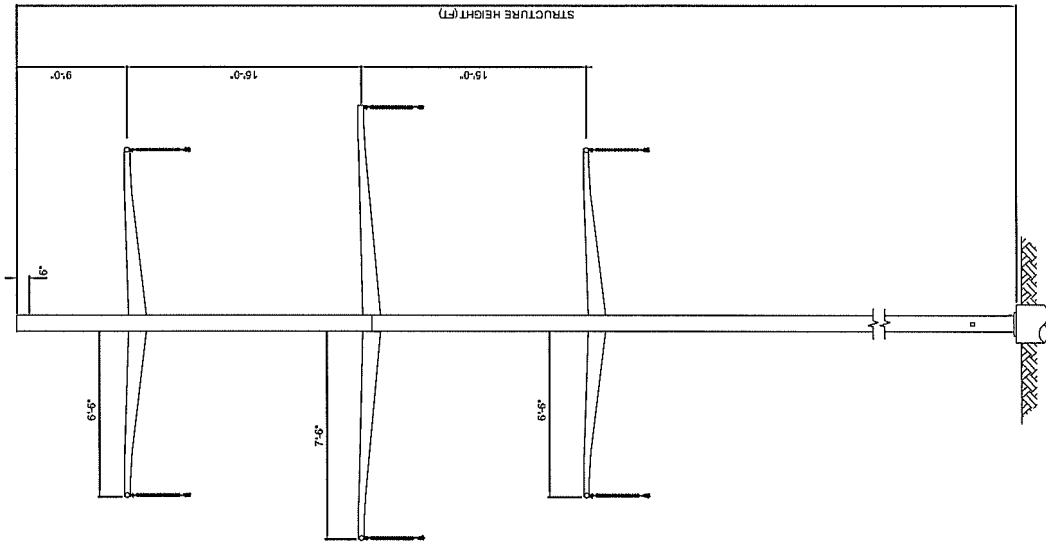


PRELIMINARY 7-12-06

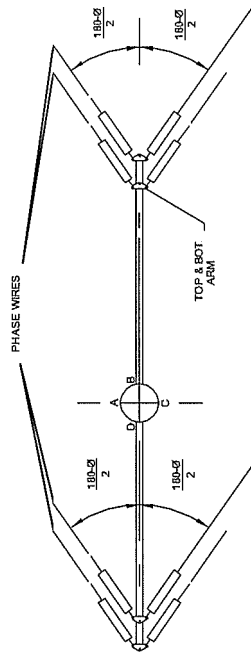
NOTES:

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 5° - 40°

| | | | |
|---|---------|--------------|-----------|
| DATE | 7/12/06 | BY | CH (PE) |
| DESIGNED BY | MM (PE) | CHECKED BY | AC (PE) |
| PROJECT NO. | | PROJECT NAME | SKETCH 11 |
| | | | |
| VESCO VERMONT ELECTRIC POWER CO., INC. 115AV DOUBLE CULVERT ST. - STONE STRUCTURE CONFIGURATION DRAWING 115AV DOUBLE CULVERT ST. - STONE DATE: 7/12/06 PROJECT NO. | | | |
| SCALE | | DATE | |
| | | | |
| | | | |
| | | | |



OHGW PLAN



CONDUCTOR PLAN

PRELIMINARY 7/31/06

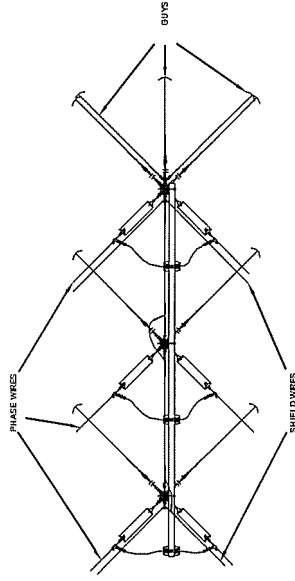
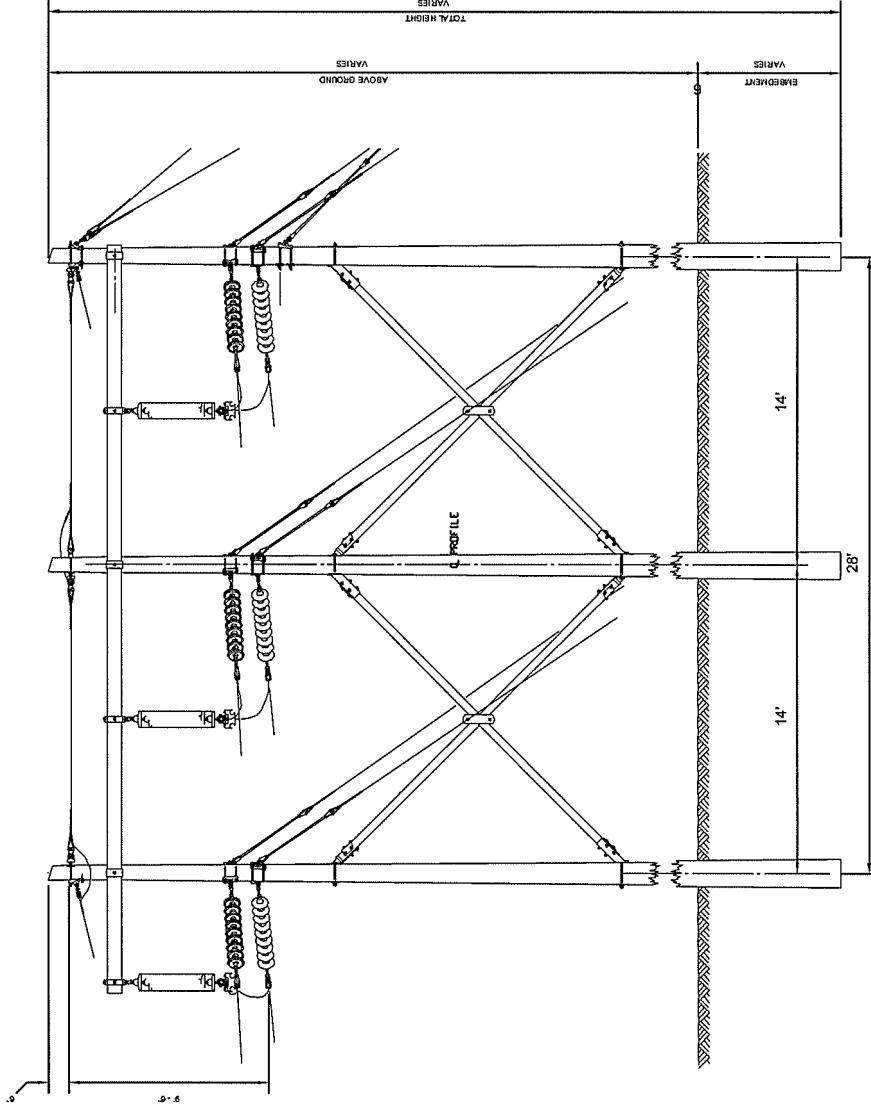
NOTES:

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. ANGLE RANGE: 0° - 105°
3. STRUCTURE NAME: 115-34S2_DE

| NO. | DATE | BY | DESCRIPTION |
|-----|------|----|--|
| | | | VERMONT ELECTRIC POWER CO., INC. MOUNTAIN VIEW MOUNTAIN VIEW |
| | | | STRUCTURE CONSTRUCTION DRAWING |
| | | | 115-34S2_DE DATE: 7/31/06 DRAWN BY: JLD CHECKED BY: JLD |
| | | | SKETCH 12 |



| DATE | BY | DESCRIPTION |
|---------|-----|-------------|
| 7/31/06 | JLD | SKETCH 12 |



PLAN VIEW

PRELIMINARY 7-12-06

NOTES:

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 30°-105°
4. 115KV TYPE DA

| | | | |
|------------------|---------------|--|----------------------------------|
| | | VELCO POWER ENGINEERS 1500 W. 10th St. Des Moines, IA 50319 (515) 281-1111 www.velcope.com | |
| DATE | 7/12/06 | BY | CH |
| SCALE | AS SHOWN | PROJECT NO. | 06-001 |
| PROJECT | 115KV TYPE DA | CLIENT | VERMONT ELECTRIC POWER CO., INC. |
| DESIGNED BY | CH | CHECKED BY | DA |
| DRAWN BY | CH | DATE | 7/12/06 |
| PROJECT NO. | 06-001 | PROJECT NAME | 115KV TYPE DA |
| PROJECT LOCATION | VERMONT | PROJECT TYPE | SKETCH TYPE DA |
| PROJECT STATUS | PRELIMINARY | PROJECT OWNER | VERMONT ELECTRIC POWER CO., INC. |

