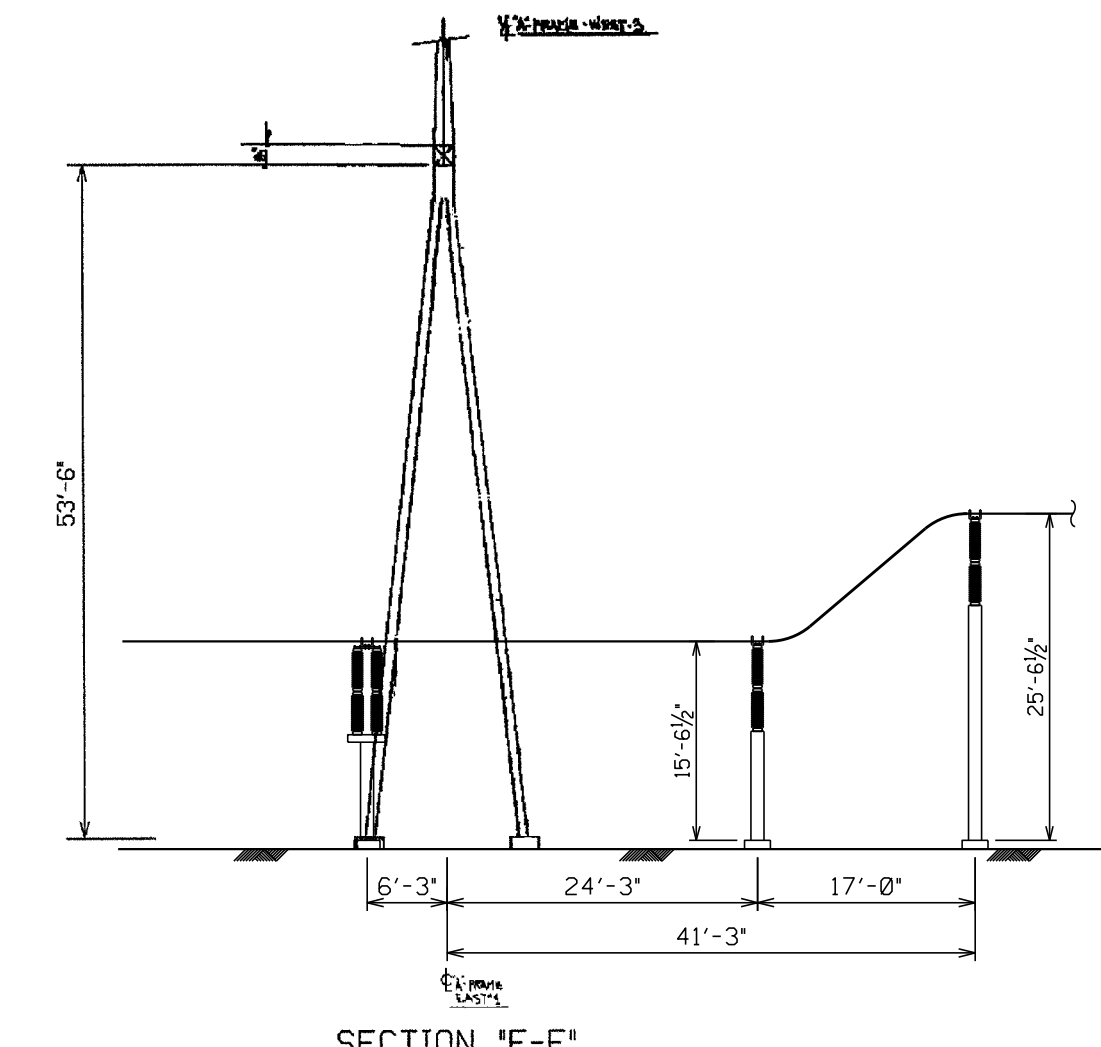


- LEGEND:**
- — — — — 8' HIGH ANTI-CUT/CLIMB FENCE
 - ○ ○ ○ ○ 17' HIGH PRECAST CONCRETE WALL

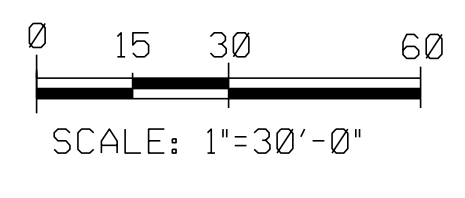
- CONSTRUCTION NOTES:**
1. SWITCHGEAR POSITION #8025 TO FEED SL&P #1 AT SHARP ROAD SWITCH.

- REFERENCE DRAWINGS:**
- | | |
|--|---------------------------------|
| 1. BURLINGTON-COX'S CORNER TRANS. LINE | DWG. #10410R |
| 2. PLAN OF SURVEY | DWG. #SURVEY BY J. REUTTER ASS. |
| 3. DISTRIBUTION ULTIMATE LAYOUT | DWG. #DS-22-1086-1 |
| 4. 230KV SUBSTATION BUS PLAN SH.1 | DWG. #206938-A |
| 5. 230KV SUBSTATION FENCE GROUNDING | DWG. #206942-A |
| 6. 230KV SUBSTATION GROUNDING & LIGHTING DETAILS | DWG. #206947-A |
| 7. 230KV SUBSTATION GROUNDING & LIGHTING PLAN | DWG. #206948-A |
| 8. 230KV SUBSTATION SECTIONS & ELEVATIONS SH.1 | DWG. #206949-A |
| 9. 230KV SUBSTATION CONTROL DUCTS & HANDHOLES | DWG. #206952-A |
| 10. 230KV SUBSTATION SECTIONS & ELEVATIONS SH.2 | DWG. #207850-A |
| 11. STA. LTC & PWR TRANSF. & EMERG. MOTOR GEN. HOUSE | DWG. #207851-A |
| 12. 230KV SUBSTATION SECTIONS & DETAILS - SHEET 3 | DWG. #219959-A |
| 13. 230KV SUBSTATION BUS PLAN SH.2 | DWG. #260347-A |
| 14. 230KV CIRCUIT BKR, ABB CO. | DWG. #26061-A |
| 15. 230/13KV ULT. LTC. DIST. PLAN | DWG. #296061-A |
| 16. 230/13KV SECTIONS & ELEV. | DWG. #296515-A |
| 17. 230/13KV U.S. TRANSF. WEST PLAN | DWG. #296516-A |
| 18. 230/13KV BILL OF MATERIAL | DWG. #296517-A |
| 19. CONTROL DUCTS SECTIONS & DETAILS | DWG. #296585-A |
| 20. FEEDER DUCTS SECTIONS & DETAILS | DWG. #296586-A |
| 21. 230KV SUBSTATION BUS PLAN SH.3 | DWG. #316263-A |
| 22. 230KV CIRCUIT BKR APP 20H | DWG. #316475-A |
| 23. 230KV SUBSTATION BUS PLAN SH.4 | DWG. #398577-A |

— PLAN —



SITE LOCATION
225 SHARP RD
BLOCK 15, LOT 2



SYMBOLS

⊙ ASSEMBLY CABLE, DIST. DEPT. DWG. #880
 ⊙ ASSEMBLY CABLE
 ⊙ ASSEMBLY CABLE

| MANUFACT. | NO. OF CABLES | LOAD | TEMPER. | TENSION | W&A |
|-----------|---------------|----------|---------|---------|------|
| Δ | 15 | 15000 LB | 50 | 10000 | 3.14 |
| Δ | 15 | 15000 LB | 50 | 10000 | 3.14 |
| Δ | 15 | 15000 LB | 50 | 10000 | 3.14 |
| Δ | 15 | 15000 LB | 50 | 10000 | 3.14 |
| Δ | 15 | 15000 LB | 50 | 10000 | 3.14 |
| Δ | 15 | 15000 LB | 50 | 10000 | 3.14 |
| Δ | 15 | 15000 LB | 50 | 10000 | 3.14 |
| Δ | 15 | 15000 LB | 50 | 10000 | 3.14 |
| Δ | 15 | 15000 LB | 50 | 10000 | 3.14 |
| Δ | 15 | 15000 LB | 50 | 10000 | 3.14 |

THE PRESENCE OF UNDERGROUND HAZARDS MAY ONLY BE SHOWN ON OTHER DISCIPLINE DRAWINGS. THE CONTRACTOR IS RESPONSIBLE TO CHECK OTHER DISCIPLINE DRAWINGS FOR UNDERGROUND HAZARDS. CONTRACTOR SHALL FOLLOW PSE&G EXCAVATION PROCEDURE AND EXERCISE EXTREME CAUTION DURING ALL BELOW GRADE WORK.

APPLICATION CASE # TBD

| NO | DATE | DESCRIPTION | DWN | CHKD | EXD | APD |
|------|----------|--|-----|------|-----|-----|
| 22P1 | 08/14/25 | ADDED SOUTHWEST GATE OPERATOR | EH | FSA | EA | PB |
| 22P | 04/23/25 | MOVED P-2321 LINE TO LP 20H & S-2245 TO LP 30H, MOVED LP 20H, MOVED CONNECTION FROM SHARP TO SHARP (SHARP SWITCH SL&P #1), WBS #1-206942-2,2 | EH | FSA | EA | PB |
| 21 | 07/08/16 | INSTALLED 14.25H REMOTE END TO ECKELON | JLM | TRM | MJS | EA |
| 20 | 07/27/16 | INSTALLED 14.25H REMOTE END TO ECKELON | ACL | MJS | PAP | EA |
| 19 | 07/30/14 | EXPANDED YARD FOR ADDITION OF 230KV REACTOR REGH, BKR B&H, DISC. SW. 615RH, WBS #1-4147, JLM, L.2 | BMC | KDK | PAP | JA |

REVISION
COX'S CORNER SWITCHING STATION
230/13KV SUBSTATION
PLAN & PROFILE

ARRANGEMENT: ELECTRICAL

PSE&G
PUBLIC SERVICE ELECTRIC AND GAS COMPANY
ELECTRIC DELIVERY COMPANY-ASSET RELIABILITY, NEWARK, N.J.

DRAWN BY: _____ CHECKED: _____ SCALE: 1"=30'-0"
 DATE: 08/06/1968 EXAMINED: E. ARGUETA
 WBS: U-6931 APPROVED: P. BHATTACHARYA

204320 A -22P1

BLACK & VEATCH

BLACK & VEATCH
11401 LAMAR AVE.
OVERLAND PARK, KS 66211
(CORPORATE HEADQUARTERS)

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DESIGNER REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY.

TYLER J. SCHUMACHER
N.J. PROFESSIONAL ENGINEER NO. CE52765
EX. NO. 262778250