

FACILITY SCHEDULE NO. 29

1. Name: **Downie**
2. Facility Location: Cooperative Downie Switching Station 5061 FM 1023, Uvalde, Uvalde County (intersection of Company's existing Uvalde-Moore 138 kV transmission line and Cooperative's existing Ferris Switch-Uvalde 69 kV)
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Loss Adjustment Due To Meter Location: None
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:

Cooperative will procure, install and own all facilities and equipment inside the switching station except for Company's RTU and communications equipment and the terminated 69kV lines.

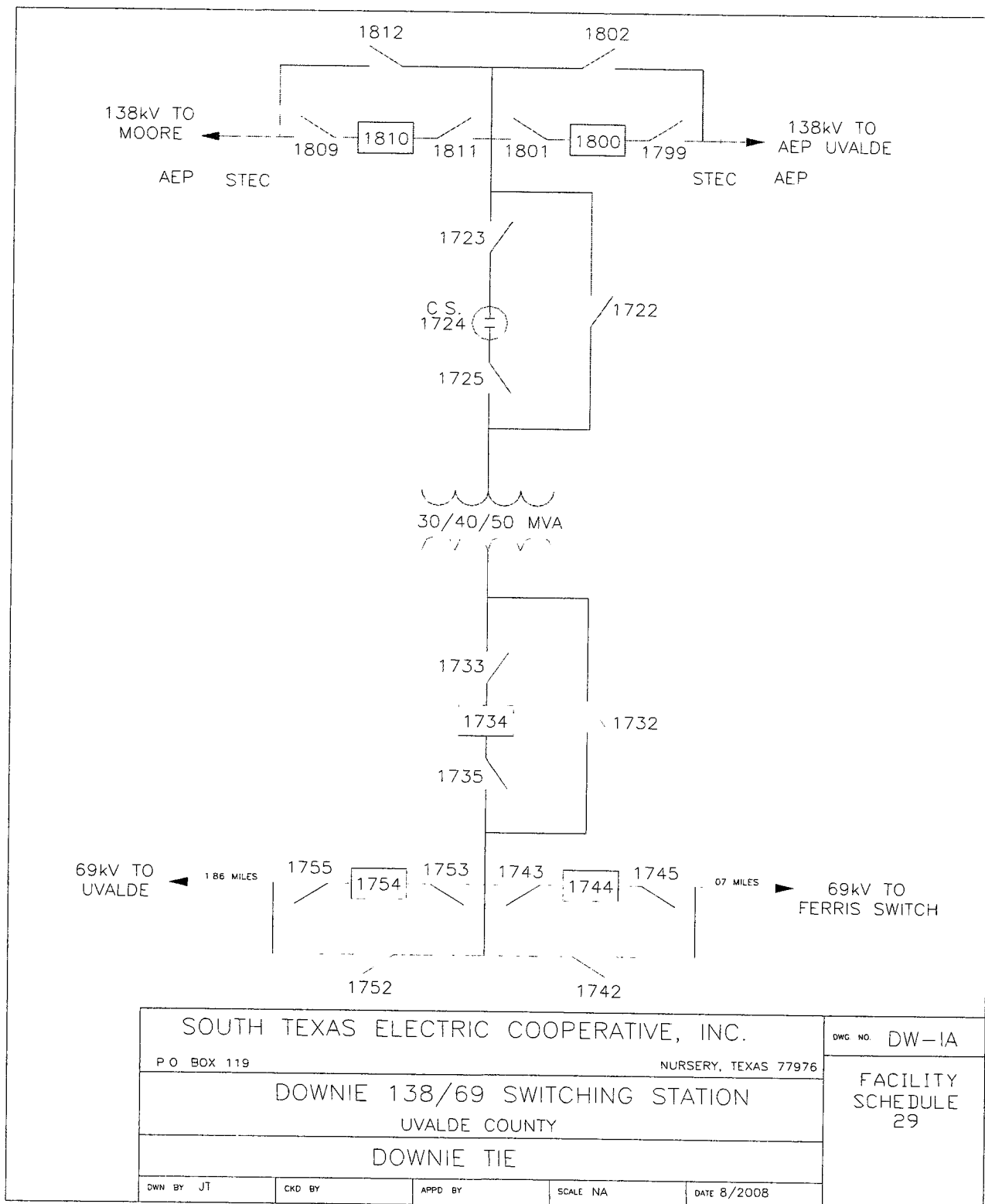
Company will procure, install and own separate RTU and communications equipment inside the switching station for Company SCADA monitoring and control of its transmission system. Company owns the terminated 138kV lines.
9. Operational Responsibilities of Each Party:

Company shall operate its RTU and associated communications equipment and circuit breakers 1800 and 1810.

Cooperative will operate all other facilities within the switching station.
10. Maintenance Responsibilities of Each Party:

Cooperative will maintain all facilities within the switching station except for Company's RTU and communications equipment.
11. Other Terms and Conditions:

Company has access to the station with its lock in the entrance gate and access to Cooperative's control house.



FACILITY SCHEDULE NO. 30

1. Name: **Garza**
2. Facility Location: Company's Garza Switching Station approx 6 miles north of Rio Grande City, Starr County
3. Delivery Voltage: 69 kV
4. Metered Voltage: 24.9 kV
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:

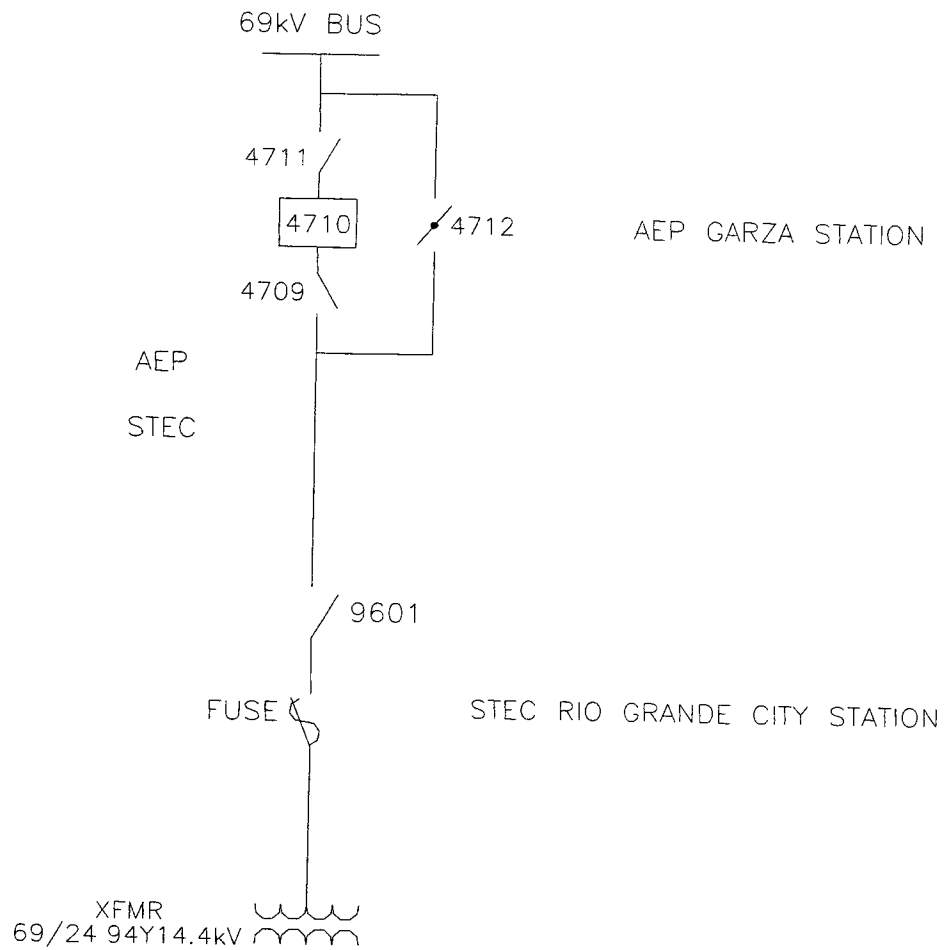
All facilities inside the Garza Substation were installed and are owned by Company except that Cooperative owns breaker 4710.

All facilities inside the Rio Grande City Substation were installed and are owned by Cooperative. Cooperative owns the connection between the stations.
9. Operational Responsibilities of Each Party:

Each party is responsible for the operation of the facilities it owns except that Company may operate breaker 4710 and associated air switches. Cooperative has access to Company's Garza Switching Station to operate breaker 4710 and associated Company air switches per Company instructions. Cooperative and Company system operators shall discuss appropriate actions prior to operations of transmission equipment by either party that affect equipment or load of the other party. Switches 4709, 4711, and 4712 have dual lock capability.
10. Maintenance Responsibilities of Each Party:

Each party is responsible for the maintenance of the facilities it owns except that Company maintains all equipment in its Garza Substation.
11. Other Terms and Conditions:

Cooperative has access to Garza Substation.



SOUTH TEXAS ELECTRIC COOPERATIVE, INC.					DWC NO RG-1A	
P.O. BOX 119			NURSERY, TEXAS 77976			
AEP GARZA - STEC RIO GRANDE CITY STATIONS					FACILITY SCHEDULE 30	
STARR COUNTY						
GARZA TIE						
DWN BY CA	CKD BY	APPD BY	SCALE NA	DATE 6/08		

104

FACILITY SCHEDULE NO. 31

1. Name: **Lopeno**
2. Facility Location: Cooperative Lopeno Substation at 4670 S. US Hwy 83, Zapata, Zapata County (1.1 miles south of Lopeno)
3. Delivery Voltage: 138 kV
4. Metered Voltage: 25 kV
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:

All facilities at the Lopeno Substation are owned by Cooperative except for the following, which are owned by Company:

- Motor operated switch (MOS) #1152 and associated equipment
- MOS #1047 and associated equipment
- Circuit switcher #1007 and associated equipment
- Switch #1203 and associated equipment
- Transmission dead end structures
- 138 kV bus and associated equipment
- Company's SCADA RTU and communications equipment

9. Operational Responsibilities of Each Party:

Cooperative and Company may operate Company's switches 1152 and 1047.

Cooperative shall operate switch 1203, the 138kV fuses, and the equipment it owns.

Company operates circuit switcher 1007.

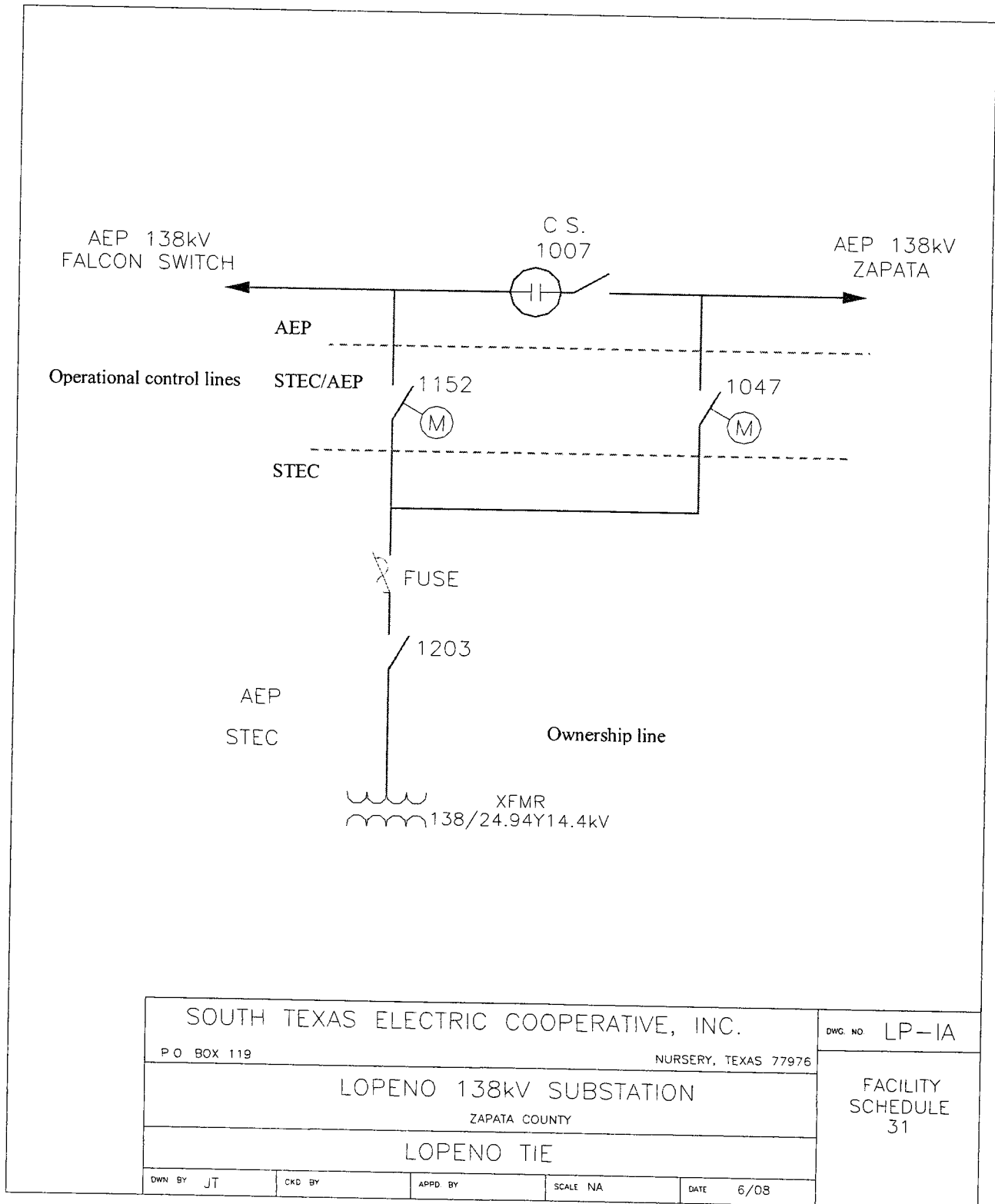
Dual locks shall be used on switches 1203, 1152, and 1047.

10. Maintenance Responsibilities of Each Party:

Each party will maintain the facilities it owns except that Cooperative will replace the 138 kV fuses as required and will maintain the 138kV equipment from its transformer up to and including the 138kV fuses and switch 1203. Cooperative maintains the 25kV revenue metering and associated equipment including instrument transformers.

11. Other Terms and Conditions:

Both parties have access to the station with locks in the entrance gates and access to the control house and equipment enclosures.

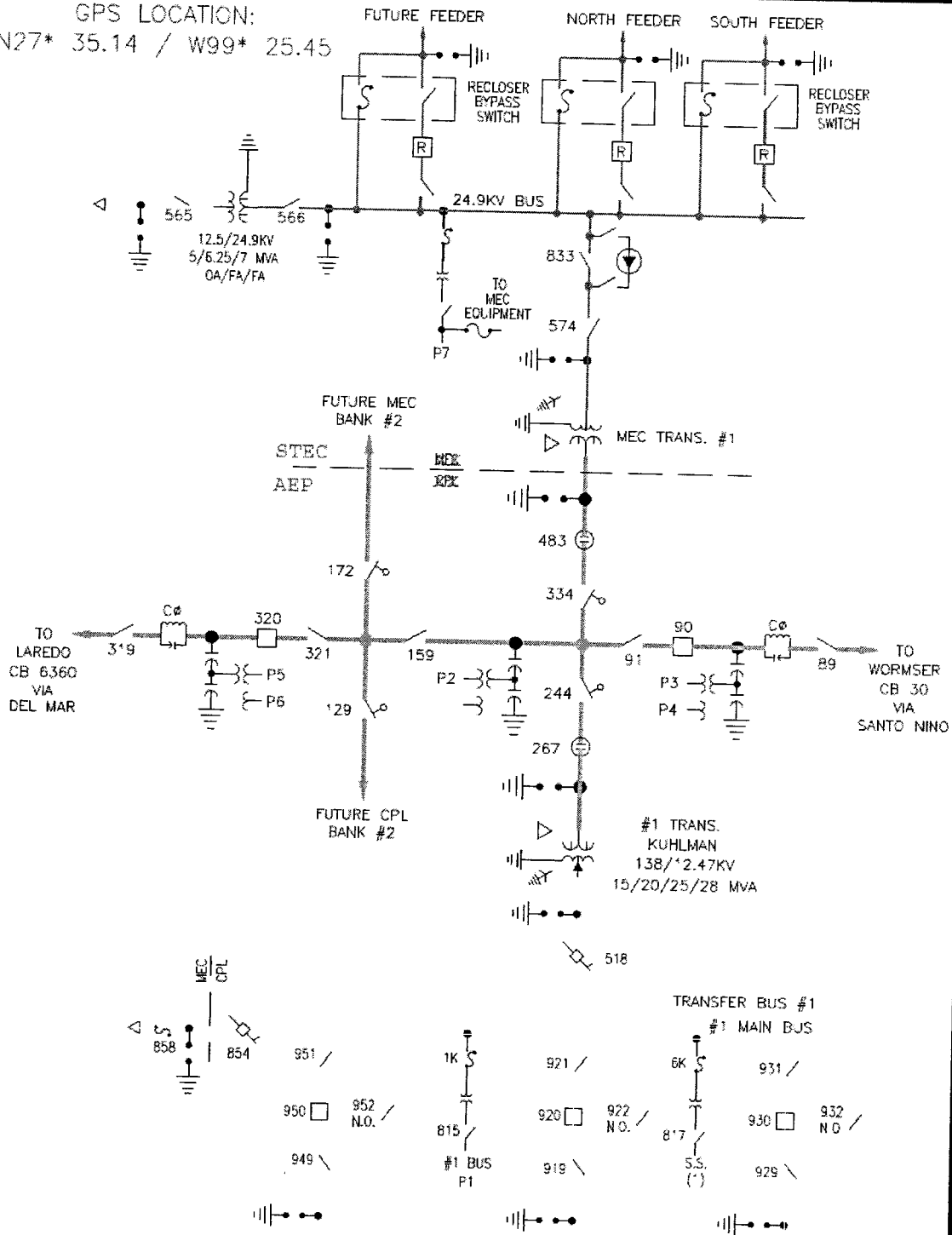


FACILITY SCHEDULE NO. 32

1. Name: **University**
2. Facility Location: Company's University Substation at 7910 Casa Verde Road, Laredo, Webb County approx. 0.25 miles SE of the intersection of Del Mar Blvd. and San Ygnacio Road.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 25 kV – Main Circuit, 12.5 kV – Alternate Circuit
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection: Main Circuit – Closed
Alternate Circuit - Open
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:
All facilities inside the University Substation were installed and are owned by Company, except for the following which are owned by Cooperative:
 - 12.5kV / 25kV transformer
 - 12.5kV facilities between Company's switch #854 and Cooperative's 12.5 kV / 25 kV transformer
 - All 25 kV facilities including power transformer, secondary equipment, SCADA RTU and associated communications equipment.
9. Operational Responsibilities of Each Party:
Each party is responsible for operating the facilities it owns. Switching operations between the main and alternate circuits will be done in accordance with operating procedures established between the Parties. Cooperative may operate switch 334 and 854 and the circuit switcher 483 as per instruction from Company.
10. Maintenance Responsibilities of Each Party:
Each party is responsible for maintaining the facilities it owns.
11. Other Terms and Conditions:
Both Parties have access to the station with locks in the entrance gates and access into the control house and equipment enclosures. Company allows Cooperative space in its control house.

Transfer of load between Main Circuit feed to Alternate Circuit feed shall be de-energized. Parallel switching of the two circuits is not possible.

GPS LOCATION:
N27* 35.14 / W99* 25.45



TEXAS CENTRAL COMPANY

UNIVERSITY SUB #7021 - WEST DIV.

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DATE: 01/05/05

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FACILITY SCHEDULE NO. 33

1. Name: **Randado Tie**
2. Facility Location: Company's Randado Substation at 3947 Hwy 16, Hebbbronville, Jim Hogg County (about a mile west of the CR 649 intersection).
3. Delivery Voltage: **138 kV**
4. Metered Voltage: **25 kV**
5. Loss Adjustment Due To Meter Location: **Yes**
6. Normal Operation of Interconnection: **Closed**
7. One-Line Diagram Attached: **Yes**
8. Description of Facilities Installed and Owned by Each Party:

All facilities inside the Company Randado Substation were installed and are owned by Company.

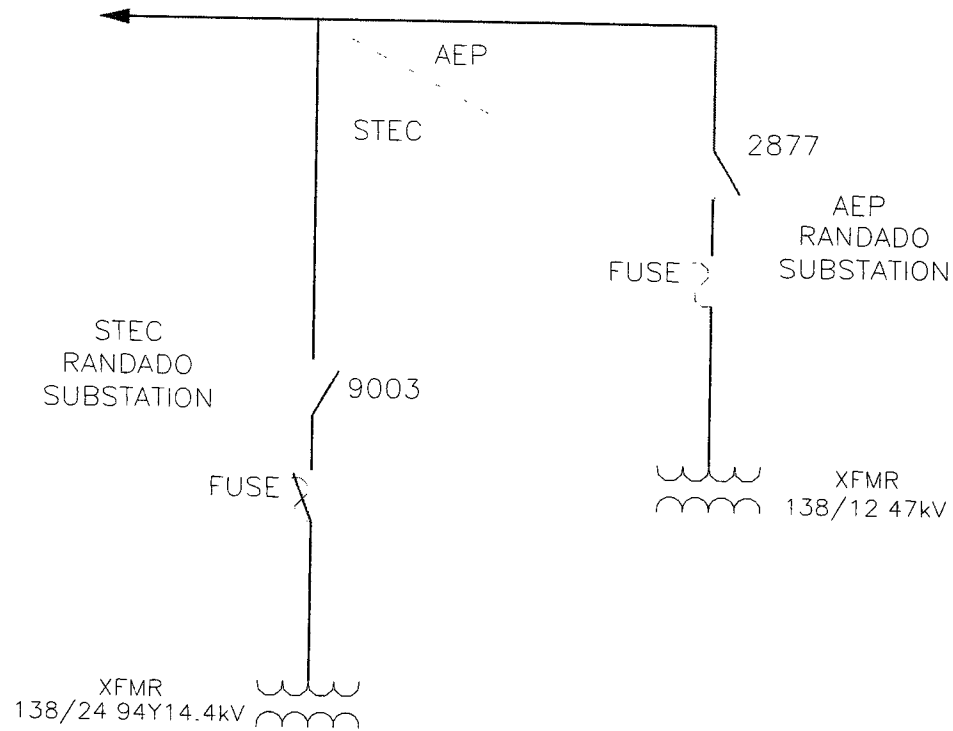
All facilities inside the Cooperative's Randado Substation were installed and are owned by Cooperative. Cooperative owns the 138kV connection between its station and Company's station.
9. Operational Responsibilities of Each Party:

Each party is responsible for operating the facilities it owns except that both Parties may operate switch 9003 which has dual locks.
10. Maintenance Responsibilities of Each Party:

Each party is responsible for maintaining the facilities it owns.
11. Other Terms and Conditions:

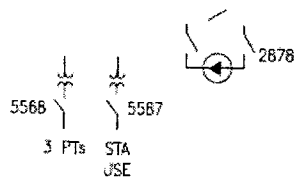
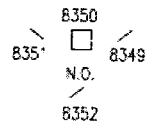
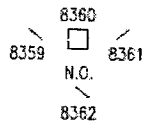
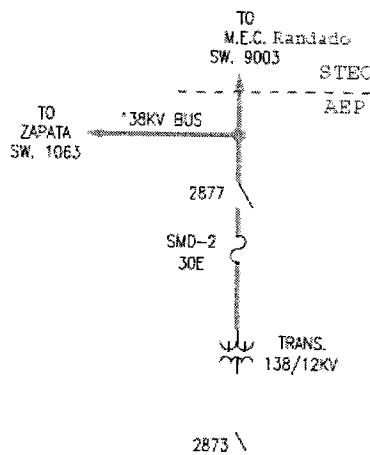
Company has access to Cooperative's Randado Substation with a lock in the entrance gate.

AEP 138kV
TO ZAPATA



SOUTH TEXAS ELECTRIC COOPERATIVE, INC.					DWG NO. RA-1A	
P.O. BOX 119			NURSERY, TEXAS 77976			
RANDADO SUBSTATIONS						FACILITY SCHEDULE 32
JIM HOGG COUNTY						
RANDADO TIE						
DWN BY CA	CKD BY	APPD BY	SCALE NA	DATE 6/08		

GPS LOCATION:
N27* 05.2 / W98* 57.3



TEXAS CENTRAL COMPANY

RANDADO SUB #7050 - WEST DIV.



DRFT. CAS	ENG.	APP.	DATE: 6/20/03	DWG. NO 70505001	KEY 1
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FACILITY SCHEDULE NO. 34

1. Name: **Union Carbide Brownsville**
2. Facility Location: Company's Union Carbide Substation near intersection of FM 48 and Chemical Road near Brownsville, Cameron County
3. Delivery Voltage: 138kV
4. Metered Voltage: 138kV, line monitoring meter
5. Loss Adjustment Due To Meter Location: No
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:

Company owns all equipment at this substation except for the following that is owned by Cooperative:

 - Weather station monitoring and communication equipment
 - Cooperative SCADA monitoring and control equipment
 - Fiber and radio communications equipment used for Cooperative communication and relaying.
 - Cooperative's 138kV line connected to Company's deadend structure in the station
9. Operational Responsibilities of Each Party:

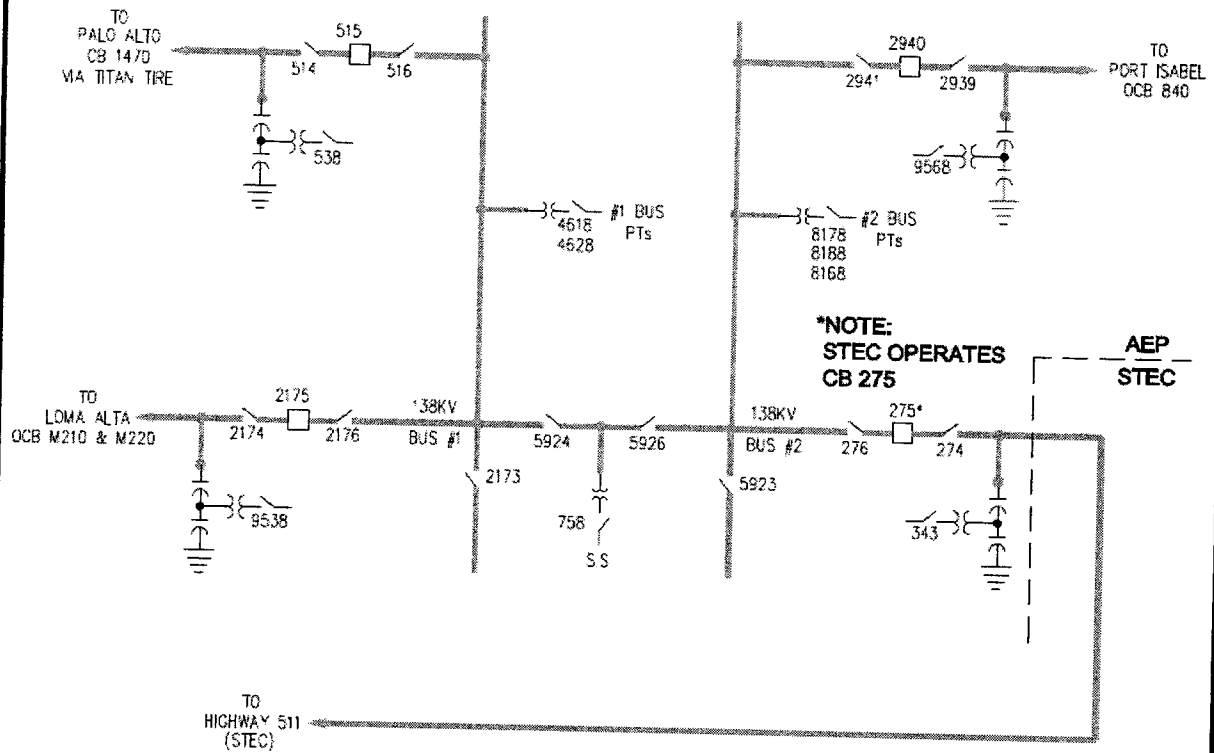
Cooperative operates breaker #275.

Company operates all remaining equipment at this station.
10. Maintenance Responsibilities of Each Party:

Each Party is responsible for the maintenance of its own equipment.

Company will maintain the site including vegetation control.
11. Other Terms and Conditions:

Cooperative has access to the station with a lock in the entrance gate(s) and access to the control house.



ENTIRE STATION OWNED
& OPERATED BY AEP
EXCEPT AS NOTED

TEXAS CENTRAL COMPANY		UNION CARBIDE BROWNSVILLE #1070		138KV ONE LINE DIAGRAM DISPATCHING	
APP'D BY :	DR. BY : RLC	CH. BY :	DATE : 12/16/09		
AEP AMERICAN ELECTRIC POWER		1 RIVERSIDE PLAZA COLUMBUS, OH 43215	Work Order #:	DWG. No. 1070SO01	REV 2

FACILITY SCHEDULE NO. 35

1. Name: **Las Milpas**
2. Facility Location: Cooperative's Las Milpas Substation at 5708 S. Cage Blvd.(Hwy 281), Pharr, Hidalgo County
3. Delivery Voltage: 138kV
4. Metered Voltage: 12.47kV
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:
Cooperative owns all equipment at this substation except for the following, which is owned by Company:
 - Dead end transmission tower and associated equipment
 - Motor Operated Air Switch (MOAS) 4247, 4257, and Circuit Switcher 4187 including all associated equipment
 - Switch 4267 and associated equipment
 - Wave trap and associated equipment
 - 138 kV metering and associated equipment including CT's, PT's, meters, and recorders
 - RTU's for the above equipment, radio for SCADA and control panel for Company switches
9. Operational Responsibilities of Each Party:
Company operates MOAS 4247, MOAS 4257 and Circuit Switcher 4187.
Cooperative operates all remaining equipment at this station including switch 4267.
10. Maintenance Responsibilities of Each Party:
Each Party is responsible for the maintenance of the equipment it owns.
Cooperative will maintain the site including vegetation control.
11. Other Terms and Conditions:
Each Party has access to the station and the control house.

TO AEP S. McALLEN
138kV

4187
C.S.

TO AEP WESLACO
138kV

Operational
control line

4247
AEP

STEC

4257

AEP

ownership

STEC

L163

4267

L160
C.S.

L150
C.S.

138kV-12.5/7.2kV
TRANSFORMER

138kV-13.2/7.6kV
TRANSFORMER

OWNERSHIP CHANGE

138kV



MOTOR OPERATOR



CIRCUIT SWITCHER

SOUTH TEXAS ELECTRIC COOPERATIVE, INC.

P O BOX 119

NURSERY, TEXAS 77976

DWG NO LM-1A

LAS MILPAS SUBSTATION

HILDALGO COUNTY

LAS MILPAS TIE

FACILITY
SCHEDULE
35

DWN. BY JT

CKD. BY

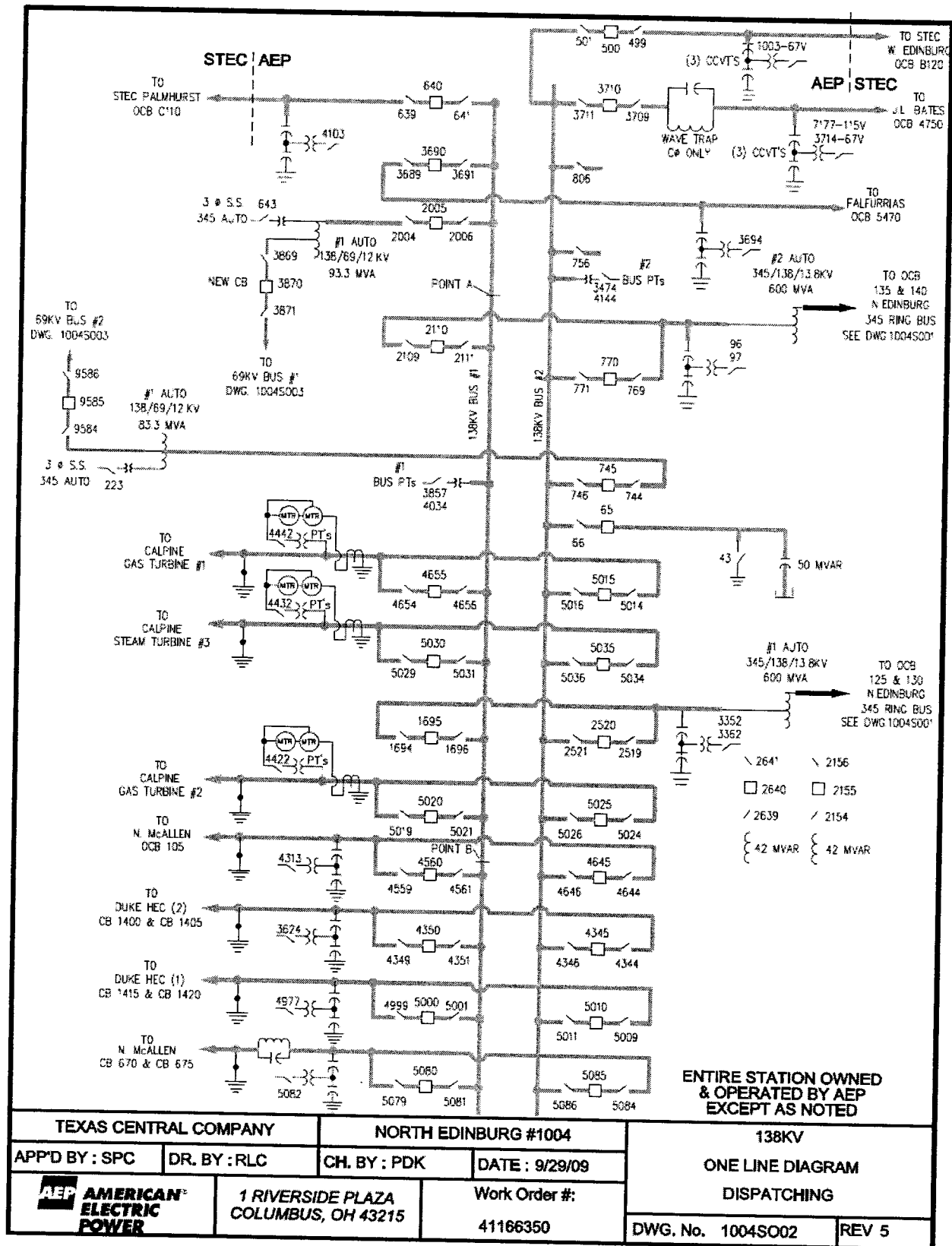
APPD. BY

SCALE NA

DATE 6/08

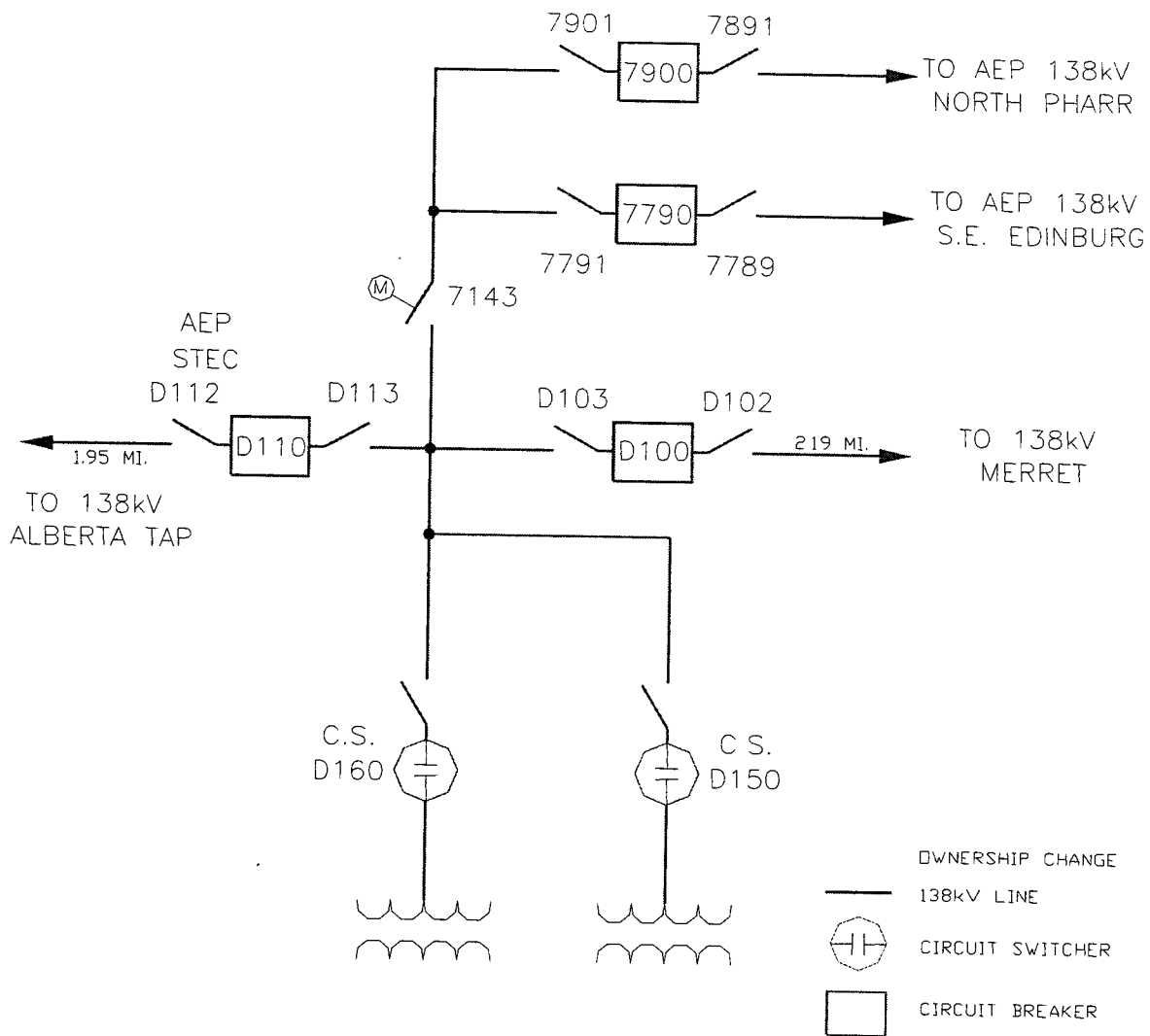
FACILITY SCHEDULE NO. 36

1. Name: **North Edinburg 138**
2. Facility Location: Company's North Edinburg Substation located on the northwest side of the Monte Cristo Road (FM 1925) and McColl Road intersection in Edinburg, Hidalgo County
3. Delivery Voltage: 138kV
4. Metered Voltage: 138kV, line monitoring meter
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes.
8. Description of Facilities Installed and Owned by Each Party:
Company owns all equipment at this substation except for the following, which is owned by Cooperative:
 - Cooperative SCADA monitoring and control equipment
 - Fiber and radio communications equipment used for Cooperative communication and relaying
 - Cooperative's 138kV lines to Palmhurst and West Edinburg connected to Company's deadend structures in the station
9. Operational Responsibilities of Each Party:
Company operates all equipment at this station.
10. Maintenance Responsibilities of Each Party:
Each Party is responsible for the maintenance of its own equipment.
Company will maintain the site including vegetation control.
11. Other Terms and Conditions:
Cooperative has access to the station with a lock in the entrance gate(s) and access to the control house.



FACILITY SCHEDULE NO. 37

1. Name: **Pharr**
2. Facility Location: Cooperative's Pharr Substation at 1920 E. Wisconsin Road, Edinburg, Hidalgo County
3. Voltage at Point of Interconnection: 138kV
4. Metered Voltage: 138kV, line monitoring meter
5. Loss Adjustment Due To Meter Location: No
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:
Cooperative owns all equipment at this substation except for the following, which is owned by Company:
 - Two meters, CTs, PTs and their associated equipment on Company's North Pharr and Southeast Edinburg 138kV lines
 - Company SCADA RTUs and associated equipment
 - Breaker #7790 and associated relays and equipment
 - Disconnect Switches #7789 and #7791 and associated equipment
 - Breaker #7900 and associated relays and equipment
 - Disconnect switches #7899 and #7901 and associated equipment
 - Switch #7143 and associated relays and equipment
9. Operational Responsibilities of Each Party:
Each Party operates its own equipment at this site
10. Maintenance Responsibilities of Each Party:
Each Party maintains its own equipment at this site.
11. Other Terms and Conditions:
Each Party has access to the premises including the fence gates and control house.



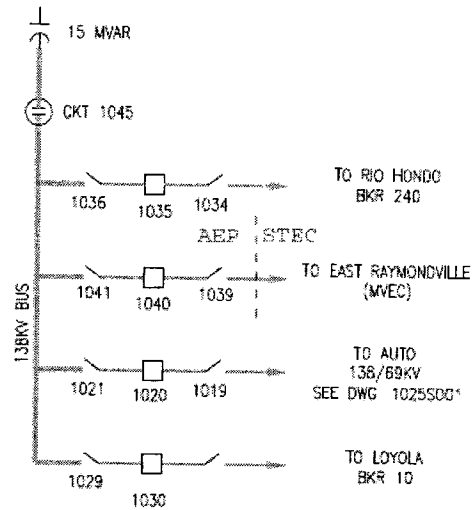
SOUTH TEXAS ELECTRIC COOPERATIVE, INC.				DWC NO PH-1A	
P.O. BOX 119		NURSERY, TEXAS 77976			
PHARR SUBSTATION					
HIDALGO COUNTY					
PHARR TIE					
DWN BY JT	CKD BY	APPD BY	SCALE NA	DATE 6/08	FACILITY SCHEDULE 37

FACILITY SCHEDULE NO. 38

1. Name: **North Edinburg 69**
2. Facility Location: Company's North Edinburg Substation Company's North Edinburg Substation located on the northwest side of the Monte Cristo Road (FM 1925) and McColl Road intersection in Edinburg, Hidalgo County
3. Voltage at Point of Interconnection: 69kV
4. Metered Voltage: 69kV, line monitoring meter
5. Loss Adjustment Due To Meter Location: No
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:
Company owns all equipment at this substation except for the following, which is owned by MVEC:
 - Cooperative SCADA monitoring and control equipment
 - Weather monitoring and communications equipment
 - Fiber communications equipment used for Cooperative communication
 - Cooperative's 69kV Faysville tap line connecting to Company's deadend structure inside the station
9. Operational Responsibilities of Each Party:
Cooperative operates Breaker #3390.
Company operates all remaining equipment at this station.
10. Maintenance Responsibilities of Each Party:
Each Party is responsible for the maintenance of its own equipment.
Company will maintain the site including vegetation control.
11. Other Terms and Conditions:
Cooperative has access to the station with a lock in the fence gate(s) and access to the control house.

FACILITY SCHEDULE NO. 39

1. Name: **Raymondville No. 2**
2. Facility Location: Company's Raymondville No. 2 Substation approx one mile east of the FM 186 and Hwy 77 Bypass intersection near Raymondville, Willacy County
3. Voltage at Point of Interconnection: 138kV
4. Metered Voltage: 138kV, line monitoring meter
5. Loss Adjustment Due To Meter Location: No
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:
Company owns all equipment at this substation except for the following, which is owned by Cooperative:
 - Weather monitoring and communications equipment.
 - Cooperative SCADA monitoring equipment.
 - Communications equipment used for Cooperative communication.
 - Cooperative's 138kV line connecting to Company's deadend structure in the station
9. Operational Responsibilities of Each Party:
Cooperative operates breaker 1040.
Company operates all other equipment at this station.
10. Maintenance Responsibilities of Each Party:
Each Party is responsible for the maintenance of its own equipment.
Company will maintain the site including vegetation control.
11. Other Terms and Conditions:
Cooperative has access to the station with a lock in the fence gate(s) and access to the control room.



TEXAS CENTRAL COMPANY



RAYMONDVILLE #2 - SUB #1025

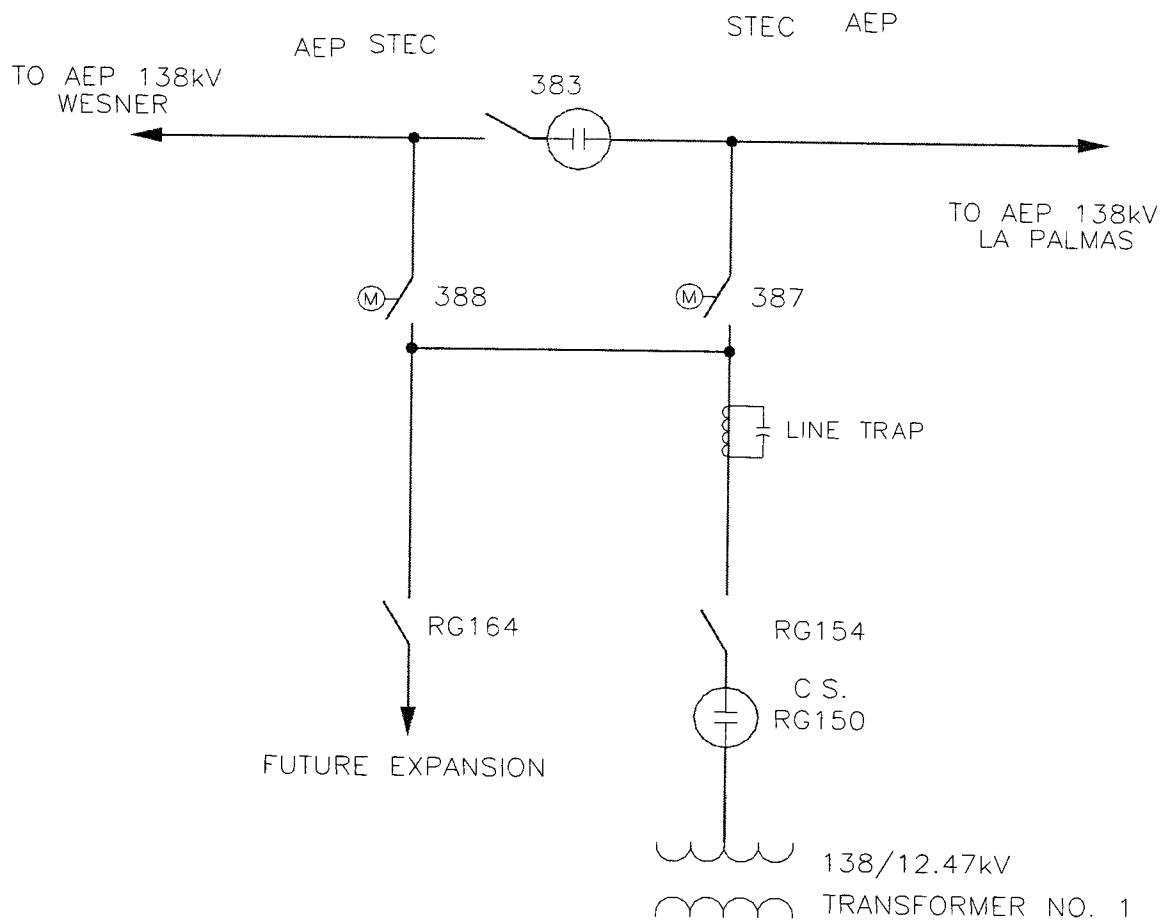
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FACILITY SCHEDULE NO. 40

1. Name: **Port Mansfield Tie Line**
2. Facility Location: Pole mounted meter on the East Ranch on Company's last pole in the 12.47 kV feeder, approximately 20 miles east of Company's Raymondville No. 2 Substation.
3. Voltage at Point of Interconnection: 12.47 kV
4. Metered Voltage: 12.47 kV
5. Loss Adjustment Due To Meter Location: Yes.
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: No
8. Description of Facilities Installed and Owned by Each Party:
Company owns the metering equipment.
Cooperative owns the switch that isolates its portion of the 12.47 kV circuit, an RTU and communication equipment. Magic Valley Electric Cooperative owns the distribution line connected past this meter point.
9. Operational Responsibilities of Each Party:
Each party will operate its own equipment.
Any switching shall be performed using good utility practice after informing the other party.
10. Maintenance Responsibilities of Each Party:
Maintenance is the responsibility of the equipment owner except that Cooperative shall maintain the meter, instrument transformers, and the isolation device(s).
11. Other Terms and Conditions:
Company calculates the loss factor based upon resistances between this meter point and the ERCOT system.

FACILITY SCHEDULE NO. 41

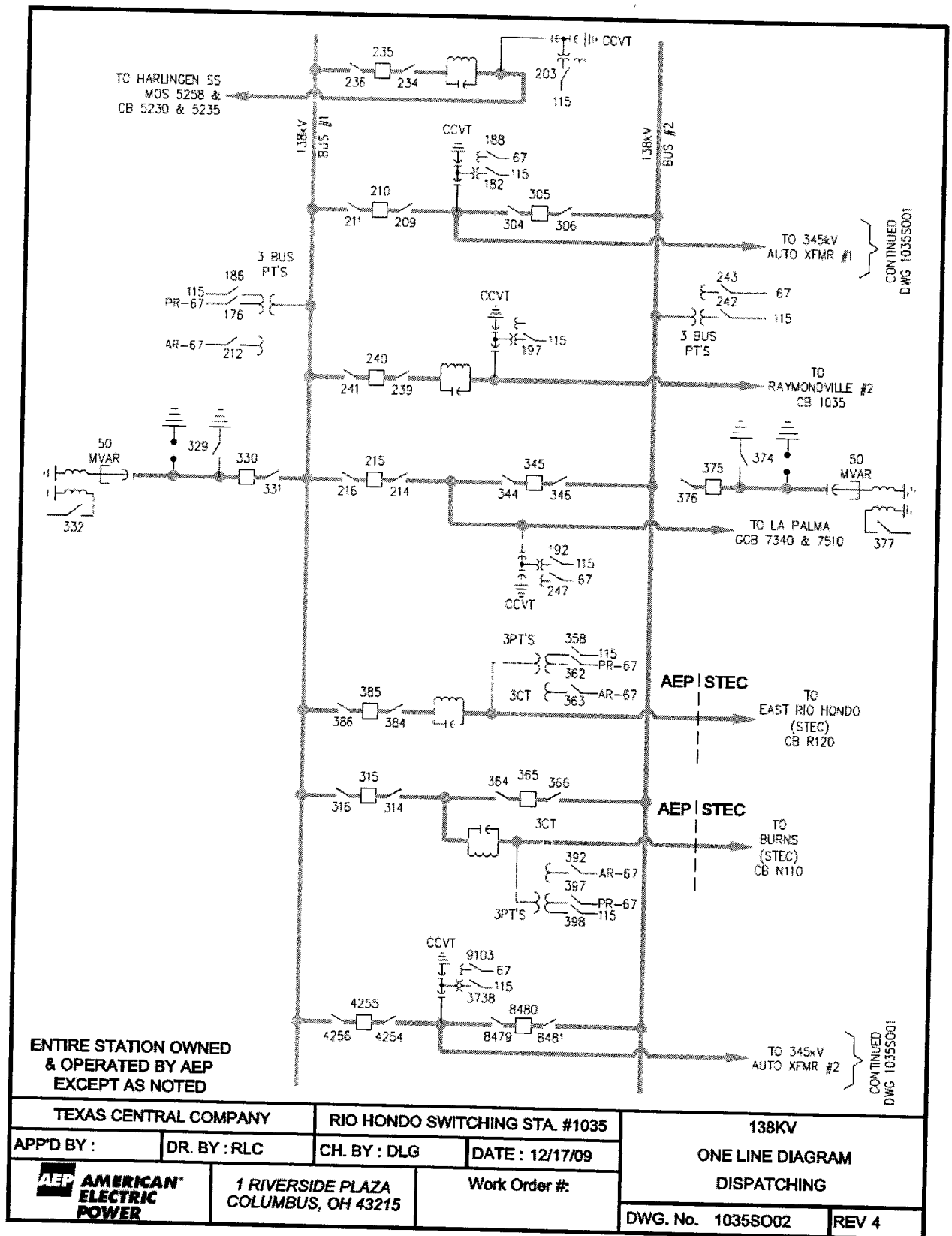
1. Name: **Rangerville**
2. Facility Location: Cooperative Rangerville Substation at 18669 FM 800, Rangerville, Cameron County
3. Voltage at Point of Interconnection: 138kV
4. Metered Voltage: 12.47kV
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:
Cooperative owns all equipment at this substation except for the following, which is owned by Company:
 - Company SCADA monitoring and operating equipment
 - Company's 138kV lines to Wesmer and La Palma connected to Cooperative's deadend structure in the station.
9. Operational Responsibilities of Each Party:
Company operates MOS 388, MOS 387 and Circuit Switcher 383.
Cooperative operates all remaining equipment at this station.
10. Maintenance Responsibilities of Each Party:
Each Party is responsible for the maintenance of its own equipment.
Cooperative will maintain the site including vegetation control.
11. Other Terms and Conditions:
Company has access to the station with a lock in the entrance gate and access to the control house.



SOUTH TEXAS ELECTRIC COOPERATIVE, INC.					DWG NO. RG-1A		
P O BOX 119			NURSERY, TEXAS 77976			FACILITY SCHEDULE 41	
RANGERVILLE SUBSTATION							
CAMERON COUNTY							
RANGERVILLE TIE							
DWN BY JT		CKD BY		APPD BY		SCALE NA	DATE 6/08

FACILITY SCHEDULE NO. 42

1. Name: **Rio Hondo**
2. Facility Location: Company's Rio Hondo Switching Station west of Searcy Road and north of Rio Hondo, Cameron County
3. Voltage at Point of Interconnection: 138kV
4. Metered Voltage: 138kV, line monitoring meter
5. Loss Adjustment Due To Meter Location: No
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:
Company owns all equipment at this substation except for the following, which is owned by Cooperative:
 - Cooperative SCADA monitoring equipment
 - Fiber and radio communications equipment
 - Cooperative's 138 kV lines to Burns and East Rio Hondo connecting to Company's deadend structures in the station
9. Operational Responsibilities of Each Party:
Company operates all equipment at this station.
10. Maintenance Responsibilities of Each Party:
Each Party is responsible for the maintenance of its own equipment.
Company will maintain the site including vegetation control.
11. Other Terms and Conditions:
Cooperative has access to the station with a lock in the entrance gate(s) and access to the control house.



FACILITY SCHEDULE NO. 43

1. Name: **Weslaco Switching Station**
2. Facility Location: Company's Weslaco Switching Station near the intersection of Mile 6 West and Minnesota Roads near Weslaco, Hidalgo County
3. Voltage at Point of Interconnection: 138kV
4. Metered Voltage: 138kV, line monitoring meter
5. Normal Operation of Interconnection: Closed
6. Loss Adjustment Due To Meter Location: No
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:

Company installed and owns all equipment at this substation except for Cooperative's SCADA monitoring and control equipment and associated fiber and radio communications equipment.

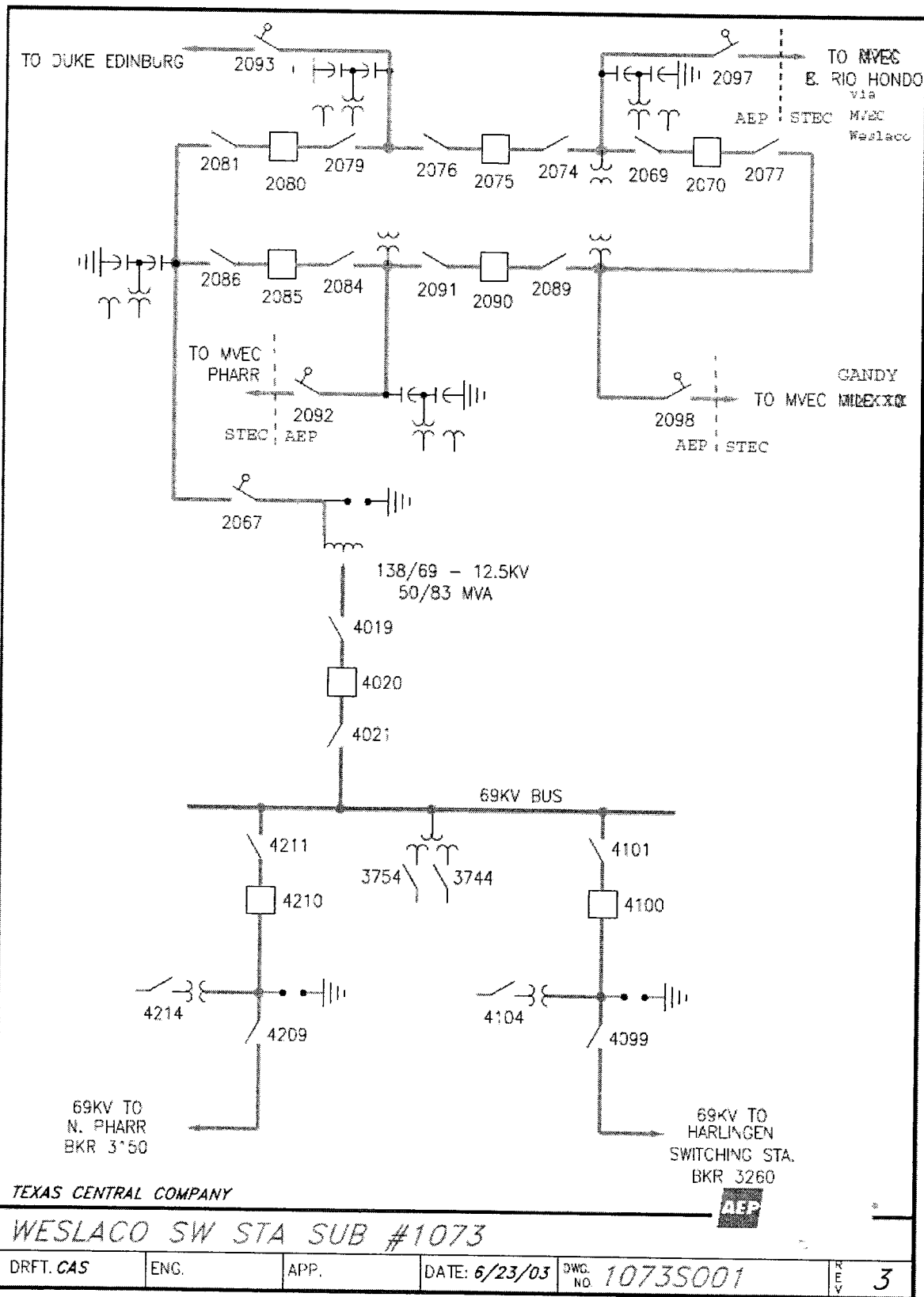
Cooperative owns the transmission lines to its Val Verde, Weslaco, and Gandy substations that connect to Company's deadend structures inside this station.
9. Operational Responsibilities of Each Party:
 - Cooperative operates Breaker 2070 and Breaker 2090.
 - Cooperative operates motor operated air switches 2092, 2097 and 2098.

Company operates all remaining equipment at this station.
10. Maintenance Responsibilities of Each Party:

Each Party is responsible for the maintenance of the equipment it owns.

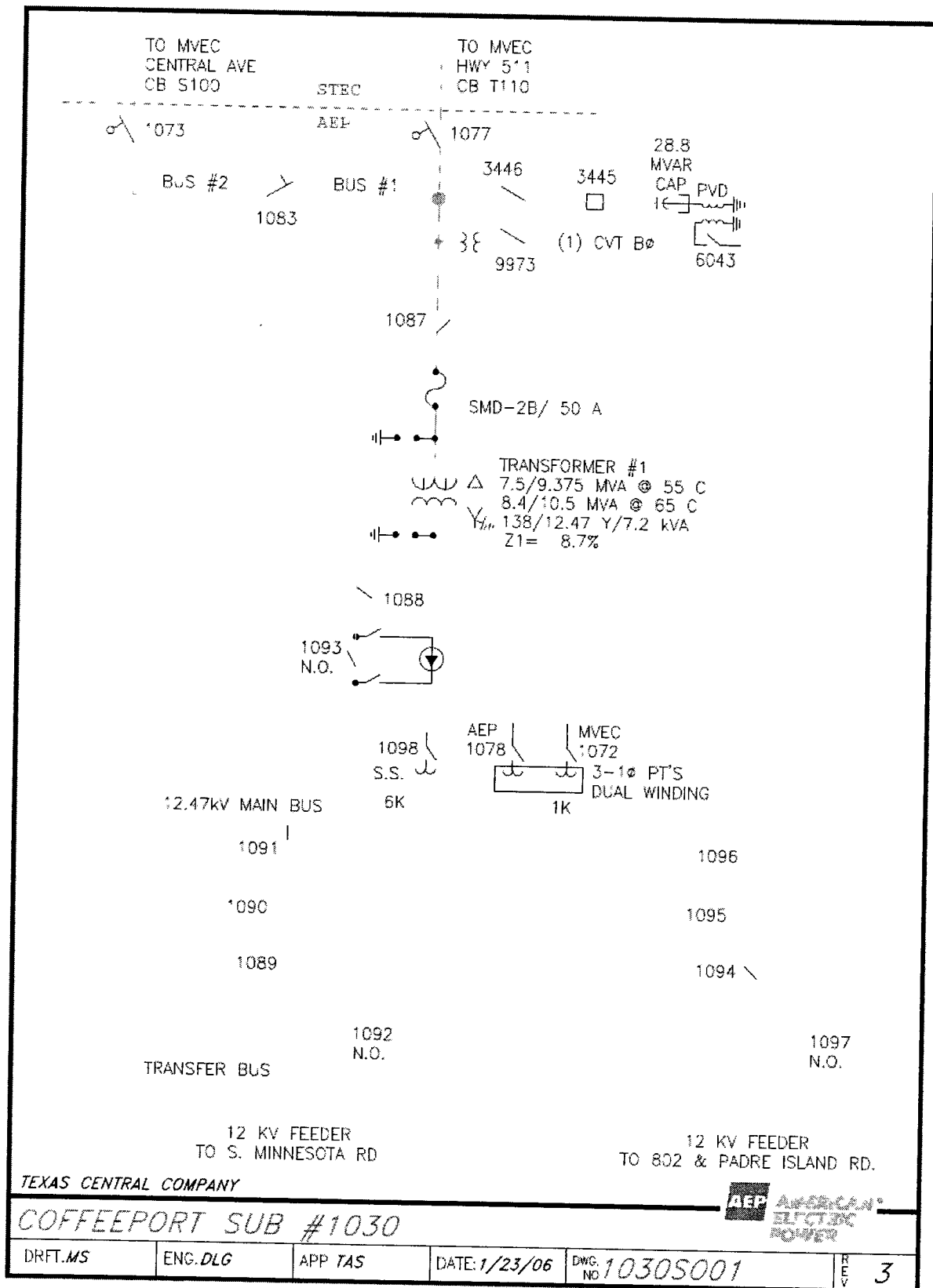
Company will maintain the site including vegetation control.
11. Other Terms and Conditions:

Cooperative has access to the station with a lock in the entrance gate(s) and access to the control house.



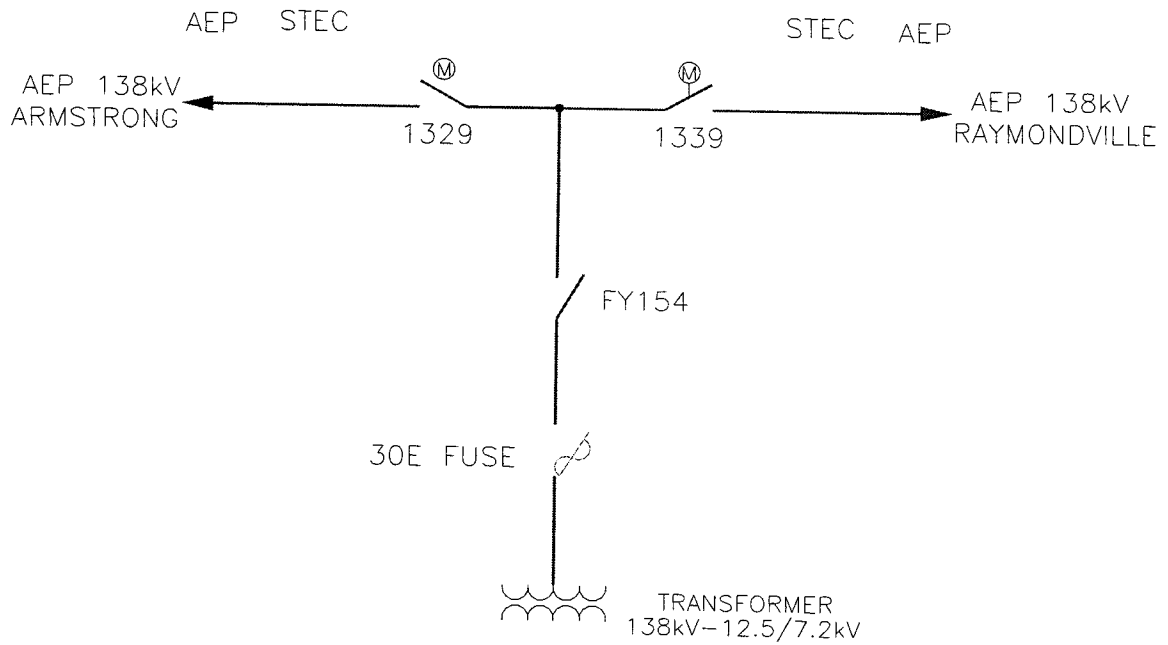
FACILITY SCHEDULE NO. 44

1. Name: **Coffee Port**
2. Facility Location: Company's Coffee Port Substation on Coffee Port Road between Hwy 802 and Hwy 48 just north of Brownsville, Cameron County
3. Voltage at Point of Interconnection: 138kV
4. Metered Voltage: 12.47kV
5. Loss Adjustment Due to Meter Location: Yes
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:
Company owns all equipment at this substation except for the following, which is owned by Cooperative:
 - SCADA monitoring, control equipment, and associated communications equipment
 - Cooperative's 138kV transmission lines to Hwy 511 and Central Avenue that are connected to Company's deadend structure in this station
9. Operational Responsibilities of Each Party:
Both Parties may operate the capacitor bank air switch 6043 (AEP's 3446) which has dual lock capability.
Cooperative operates MOAS 1073, MOAS 1077, and Switch 1083.
Company operates all remaining equipment at this station.
10. Maintenance Responsibilities of Each Party:
Each Party is responsible for the maintenance of its own equipment.
Company will maintain the site including vegetation control.
11. Other Terms and Conditions:
Cooperative has access to the station with a lock in the entrance gate(s) and access to the control house.



FACILITY SCHEDULE NO. 45

1. Name: **F. Yturria**
2. Facility Location: Cooperative F. Yturria Substation at 113 CR 4132, Raymondville, Kenedy County approx. 11 miles north of Raymondville on Highway 77
3. Voltage at Point of Interconnection: 138kV
4. Metered Voltage: 12.47kV
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:
Cooperative owns all equipment at this substation except for the following, which is owned by Company:
 - Radio communication equipment to communicate with Cooperative SCADA RTU
 - Company's 138kV transmission lines to Armstrong and Raymondville No. 2 connected to Cooperative's deadend structure in the station
9. Operational Responsibilities of Each Party:
Company operates Switch 1329 and Switch 1339.
Cooperative operates all remaining equipment at this station.
10. Maintenance Responsibilities of Each Party:
Each Party is responsible for the maintenance of its own equipment.
Cooperative will maintain the site including vegetation control.
11. Other Terms and Conditions:
Company has access to the station with a lock in the entrance gate(s) and access to the control house.



SOUTH TEXAS ELECTRIC COOPERATIVE, INC.					DWG NO FY-1A	
P O BOX 119			NURSERY, TEXAS 77976			
F YTURRIA SUBSTATION						FACILITY SCHEDULE 45
KENEDY COUNTY						
F. YTURRIA TIE						
DWN BY JT	CKD BY	APPD BY	SCALE NA	DATE	6/08	

FACILITY SCHEDULE NO. 46

1. Name: **Aderhold**
2. Facility Location: Cooperative's Aderhold Substation at 7318 East Mile 17 North, Edinburg, Hidalgo County near the intersection of Monte Cristo Road and Sharp Road near San Carlos.
3. Delivery Voltage: 138kV
4. Metered Voltage: 12.47kV
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: No
8. Description of Facilities Installed and Owned by Each Party:

Cooperative owns the 1.6 mile hairpin 138kV double circuit transmission line including the dead end structures in Company's North Edinburg – Elsa 138kV line to Cooperative's Aderhold Substation. Cooperative owns all equipment in the Aderhold Substation except for Company's radio equipment including antenna pole for communications with Cooperative's RTU.

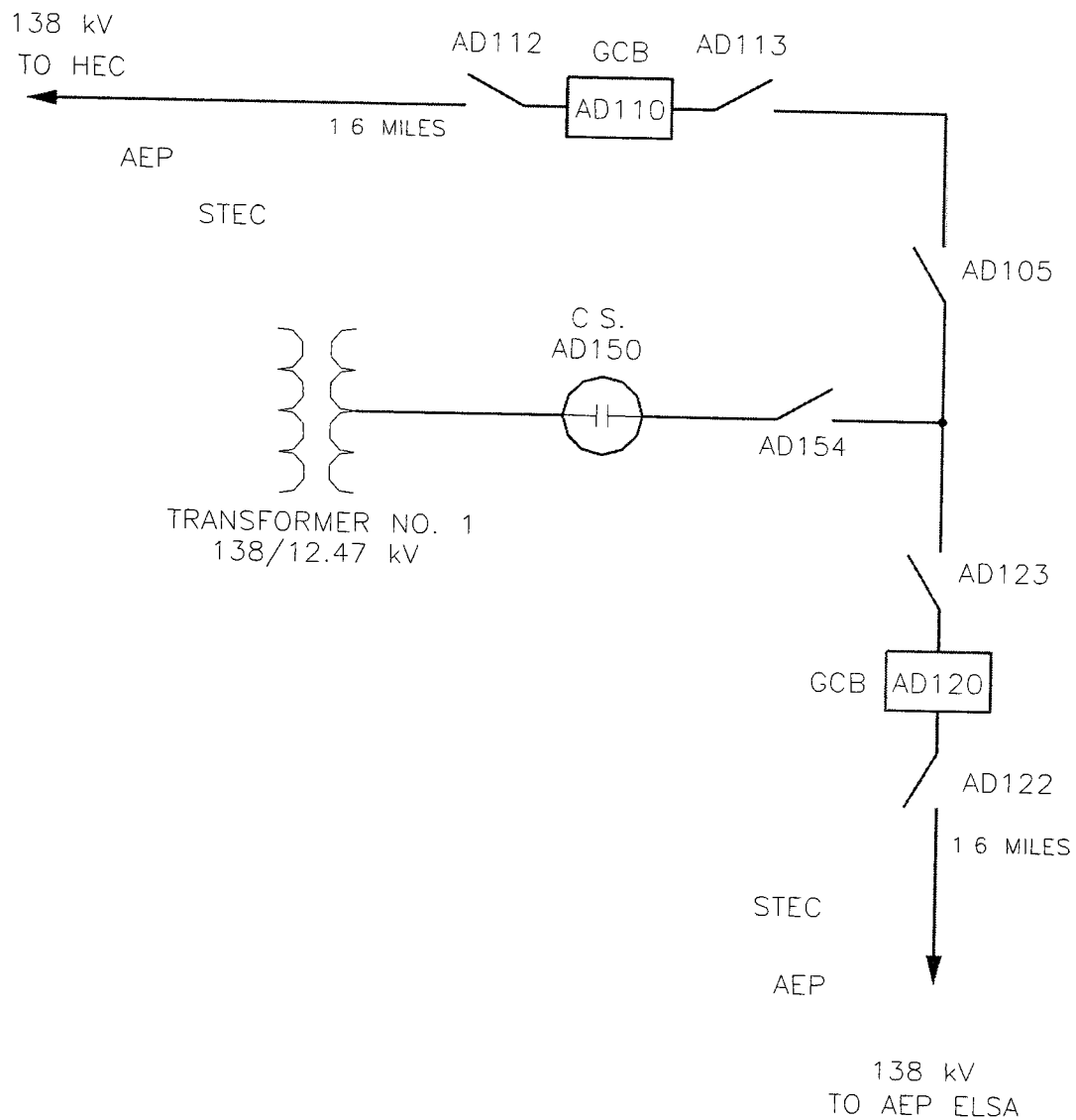
Company owns the 138kV transmission lines between Cooperative's deadend structure and the North Edinburg and Elsa Substations.

Each Party will provide their own SCADA communication circuit from the Aderhold Substation to their respective control centers.
9. Operational Responsibilities of Each Party:

Each Party operates the facilities it owns with the exception that Company also operates 138kV breakers AD110 and AD120.
10. Maintenance Responsibilities of Each Party:

Each Party maintains the facilities it owns with the exception that Company maintains the relays that protect the North Edinburg/HEC – Aderhold 138 kV transmission line and the Aderhold – Elsa 138 kV transmission line.
11. Other Terms and Conditions:

Company has access to the station with a lock in the entrance gate(s) and access to the control house.



SOUTH TEXAS ELECTRIC COOPERATIVE, INC.					DWG NO. AD-1A	
P.O. BOX 119			NURSERY, TEXAS 77976			
ADERHOLD SUBSTATION HIDALGO COUNTY						
ADERHOLD TIE						
DWN BY	JT	CKD BY	APPD BY	SCALE	NA	
				DATE	6/08	
FACILITY SCHEDULE 46						

FACILITY SCHEDULE NO. 47

1. Name: **Greta Tie Line**
2. Facility Location: Near Quintana Road and Hwy 59 intersection approx 11 miles northeast of Refugio, Texas
3. Delivery Voltage: 12.47 kV
4. Metering Voltage: 12.47 kV
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection : Closed
7. One-Line Diagram Attached: Not Applicable
8. Description of Facilities to be Installed and Owned by Each Party:

Company originally installed all metering and isolation equipment including the pole at this distribution line metering point. Company owns the pole and the Company feeder conductors, crossarm, hardware, and the connections to the top of the isolation device.

Cooperative owns all equipment mounted on the pole associated with metering and switching the tie point. Victoria Electric Cooperative owns the distribution equipment on the load side of this metering point.
9. Operational Responsibilities of Each Party:

Company will operate those facilities it owns including the distribution line serving the tie point.

Cooperative will operate the facilities it owns.

Any switching shall be performed using good utility practice after informing the other party.
10. Maintenance Responsibilities of Each Party:

Maintenance is the responsibility of the equipment owner.
11. Other Terms and Conditions:

Company calculates the loss factor based upon resistances between this meter point and the ERCOT system.

FACILITY SCHEDULE NO. 48

1. Name: **Capehart Tie Line**
2. Facility Location: Near S. Emily Drive and US 181 intersection on outskirts of Beeville, Texas
3. Delivery Voltage: 12.47 kV
4. Metering Voltage: 12.47 kV
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection : Closed
7. One-Line Diagram Attached: Not Applicable
8. Description of Facilities to be Installed and Owned by Each Party:

Company originally installed all metering and isolation equipment including the pole at this distribution line metering point. Company owns the pole and the Company supply feeder conductors, crossarm, hardware, and the connections to the top of the isolation device.

Cooperative owns all equipment mounted on the pole associated with metering and switching the tie point. San Patricio Electric Cooperative owns the distribution equipment on the load side of this metering point.
9. Operational Responsibilities of Each Party:

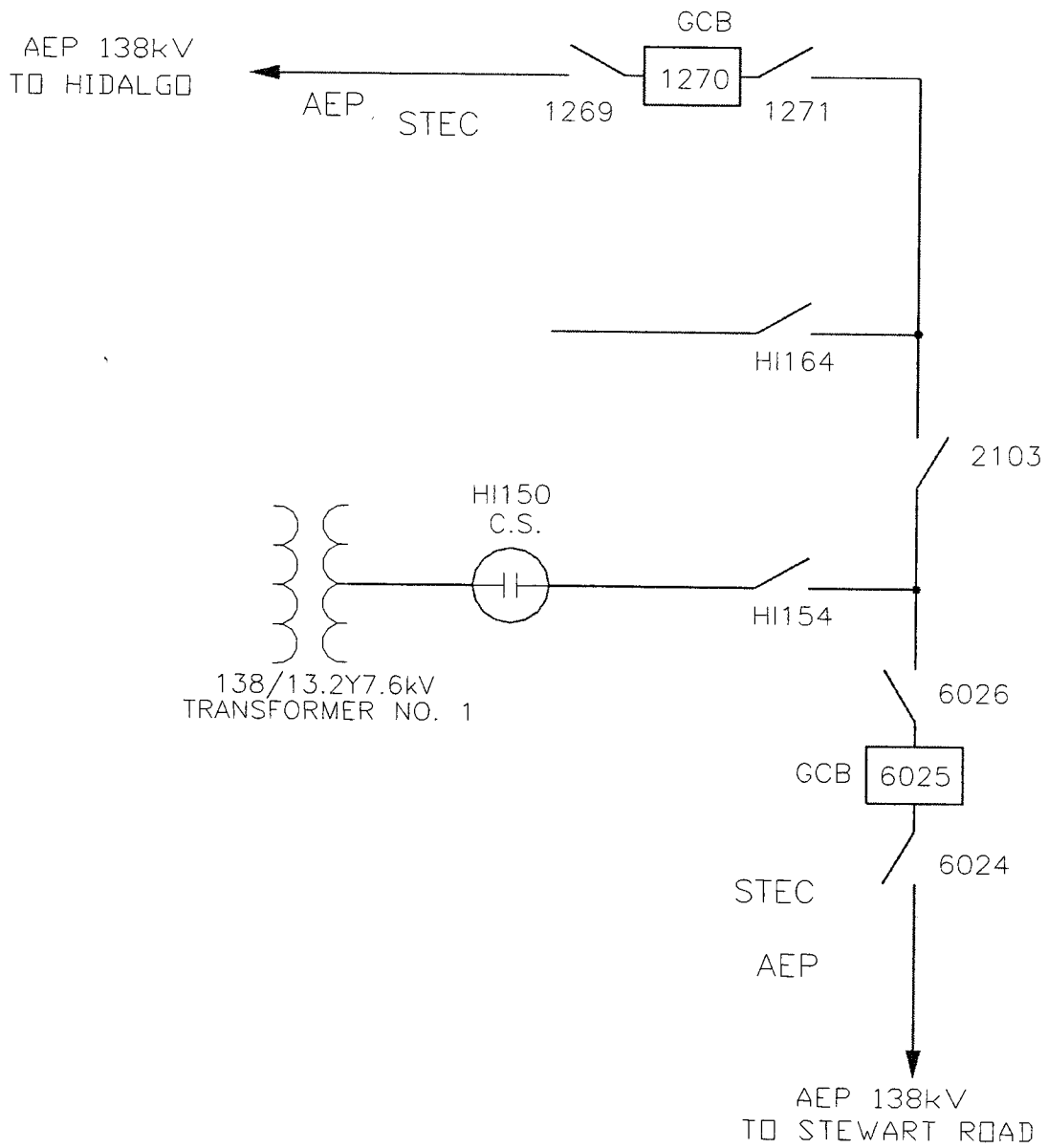
The parties shall operate the facilities they own but shall keep each other informed of switching and outage operations.
10. Maintenance Responsibilities of Each Party:

Maintenance is the responsibility of the equipment owner.
11. Other Terms and Conditions:

Company calculates the loss factor based upon resistances between this meter point and the ERCOT system.

FACILITY SCHEDULE NO. 49

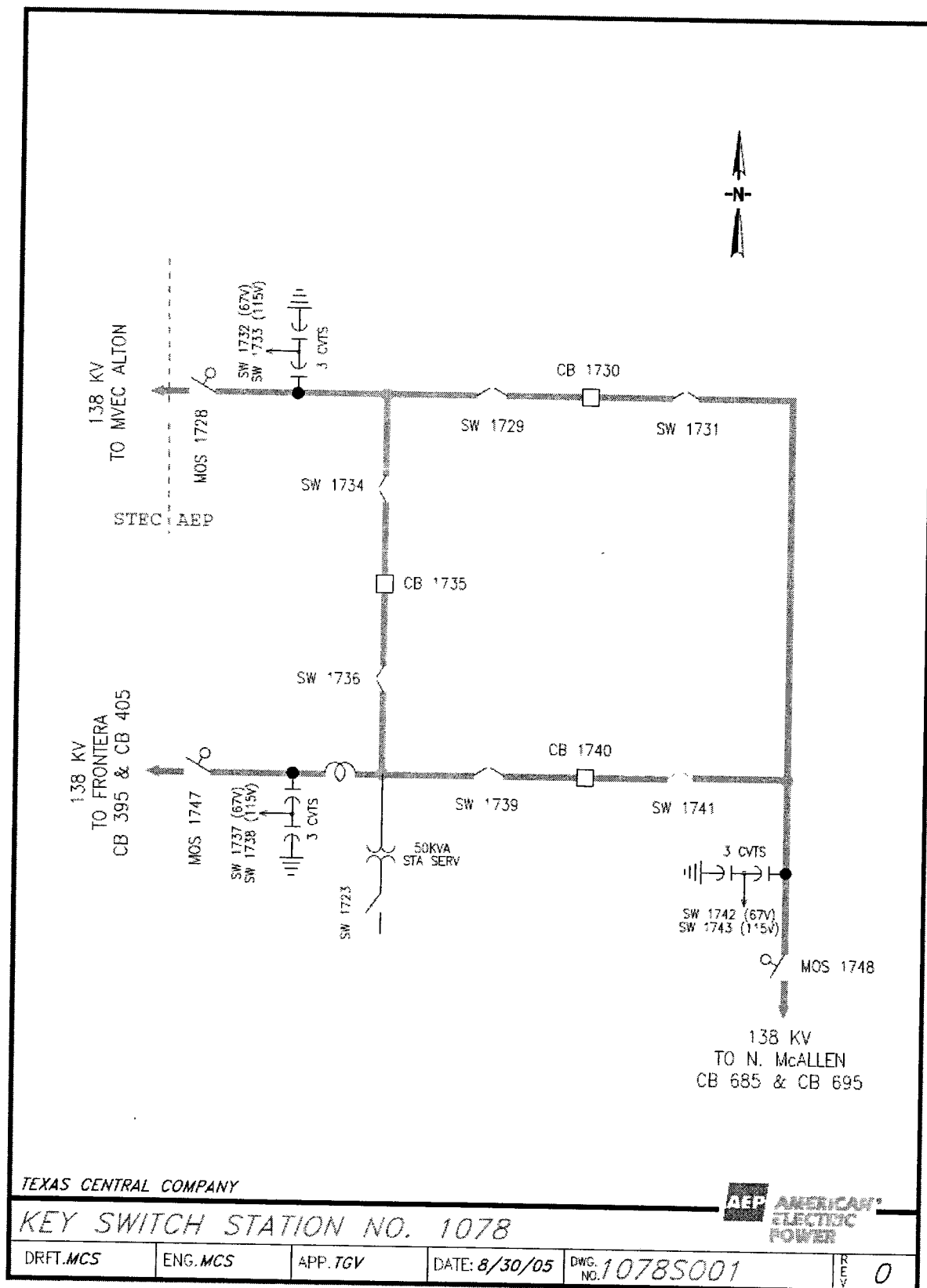
1. Name: **Hi-Line**
2. Facility Location: Cooperative Hi-Line Substation at 1121 W. Highline Road, Pharr, Hidalgo County
3. Delivery Voltage: 138 kV
4. Metered Voltage: 12.47 kV
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:
Cooperative owns all equipment in the Hi-Line Substation with the exception of the following Company owned equipment:
 - Company's RTU and associated communications equipment
 - Company's 138kV lines to Hidalgo and Stewart Road that are connected to Cooperative's deadend structures
9. Operational Responsibilities of Each Party:
Company operates the equipment it owns and circuit breakers 1270 and 6025.
Cooperative operates the remaining equipment it owns.
10. Maintenance Responsibilities of Each Party:
Each Party maintains the facilities it owns.
11. Other Terms and Conditions:
Company has access to the station with a lock in the entrance gate(s) and access to the control house.



SOUTH TEXAS ELECTRIC COOPERATIVE, INC.					DWG NO HL-IA	
P O BOX 119					FACILITY SCHEDULE 49	
HI-LINE 138kV STATION						
HIDALGO COUNTY						
HI-LINE TIE						
DWN BY JT	CKD BY	APPD BY	SCALE NA	DATE	6/08	

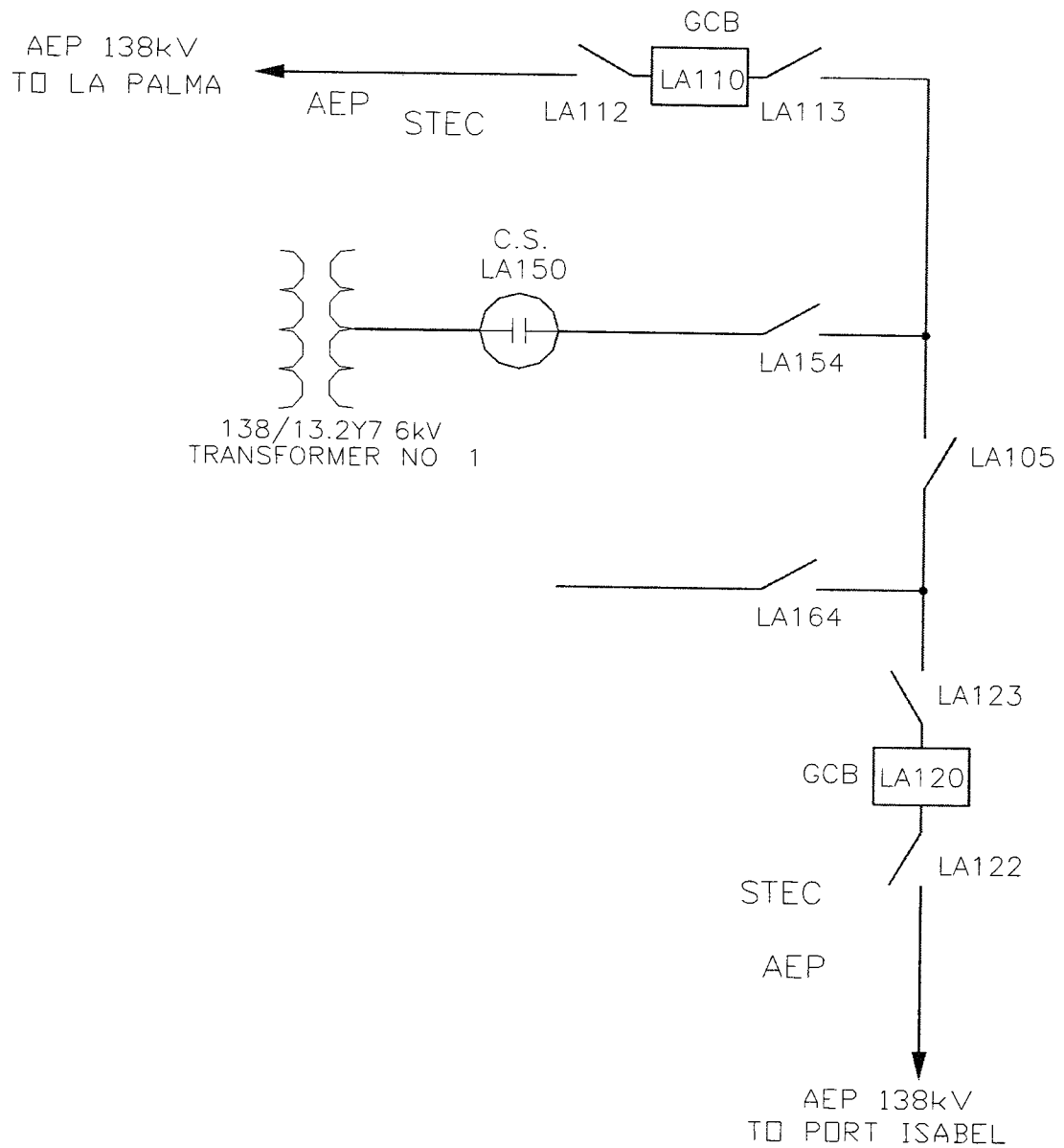
FACILITY SCHEDULE NO. 50

1. Name: **Key**
2. Facility Location: Company Key Switching Station on Mile 3 Road between Stewart and Bryan Roads approx. 5 miles northwest of McAllen in Palmhurst, Hidalgo County
3. Delivery Voltage: 138 kV
4. Metered Voltage: Not Applicable
5. Loss Adjustment Due To Meter Location: Not applicable
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes
8. Description of Facilities Installed and Owned by Each Party:
Company owns all equipment in its Key Switching Station with the exception of the following owned by Cooperative:
 - Cooperative 138kV line to Alton that connects to Company's deadend structure in the station
 - Cooperative RTU and associated communications equipment
9. Operational Responsibilities of Each Party:
Each Party operates the facilities it owns except that Cooperative operates circuit breakers 1730, 1735, and 1740.
10. Maintenance Responsibilities of Each Party:
Each Party maintains the facilities it owns.
11. Other Terms and Conditions:
Cooperative has access to the station with a lock in the entrance gate(s) and access to the control house.



FACILITY SCHEDULE NO. 51

1. Name: **Laureles**
2. Facility Location: Cooperative Laureles Substation at 30064 Adams Road, San Benito, Cameron County
3. Delivery Voltage: 138 kV
4. Metered Voltage: 12.47 kV
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: No
8. Description of Facilities Installed and Owned by Each Party:
Cooperative installed and owns all equipment in the Laureles Substation with the exception of the following:
 - Company's 138kV lines to La Palma and Port Isabel that connect to Cooperative's deadend structure in the station
 - Company's RTU and associated communications equipment
9. Operational Responsibilities of Each Party:
Each Party operates the facilities it owns except that Company operates circuit breakers LA110 and LA120.
10. Maintenance Responsibilities of Each Party:
Each Party maintains the facilities it owns.
11. Other Terms and Conditions:
Company has access to the station with a lock in the entrance gate(s) and access to the control house.



SOUTH TEXAS ELECTRIC COOPERATIVE, INC.					DWG NO	LA-1A
P O BOX 119					FACILITY SCHEDULE 51	
LAURELES SUBSTATION						
CAMERON COUNTY						
LAURELES TIE						
DWN BY	JT	CKD BY	APPD BY	SCALE	NA	DATE 6/08

FACILITY SCHEDULE NO. 52

1. Name: **North Laredo**
2. Facility Location: Company's North Laredo Switching Station at 13434 IH 35, Laredo, Webb County
3. Delivery Voltage: 138 kV
4. Metered Voltage: 24.94 kV
5. Loss Adjustment Due To Meter Location: Yes
6. Normal Operation of Interconnection: Closed
7. One-Line Diagram Attached: Yes..
8. Description of Facilities Installed and Owned by Each Party:

Company installed and owns all equipment in the North Laredo Switching Station including line breakers and associated equipment terminating Cooperative's 138kV line to its Botines Substation. Company installed and owns the jumpers from the Cooperative's tensioned conductor to the station equipment.

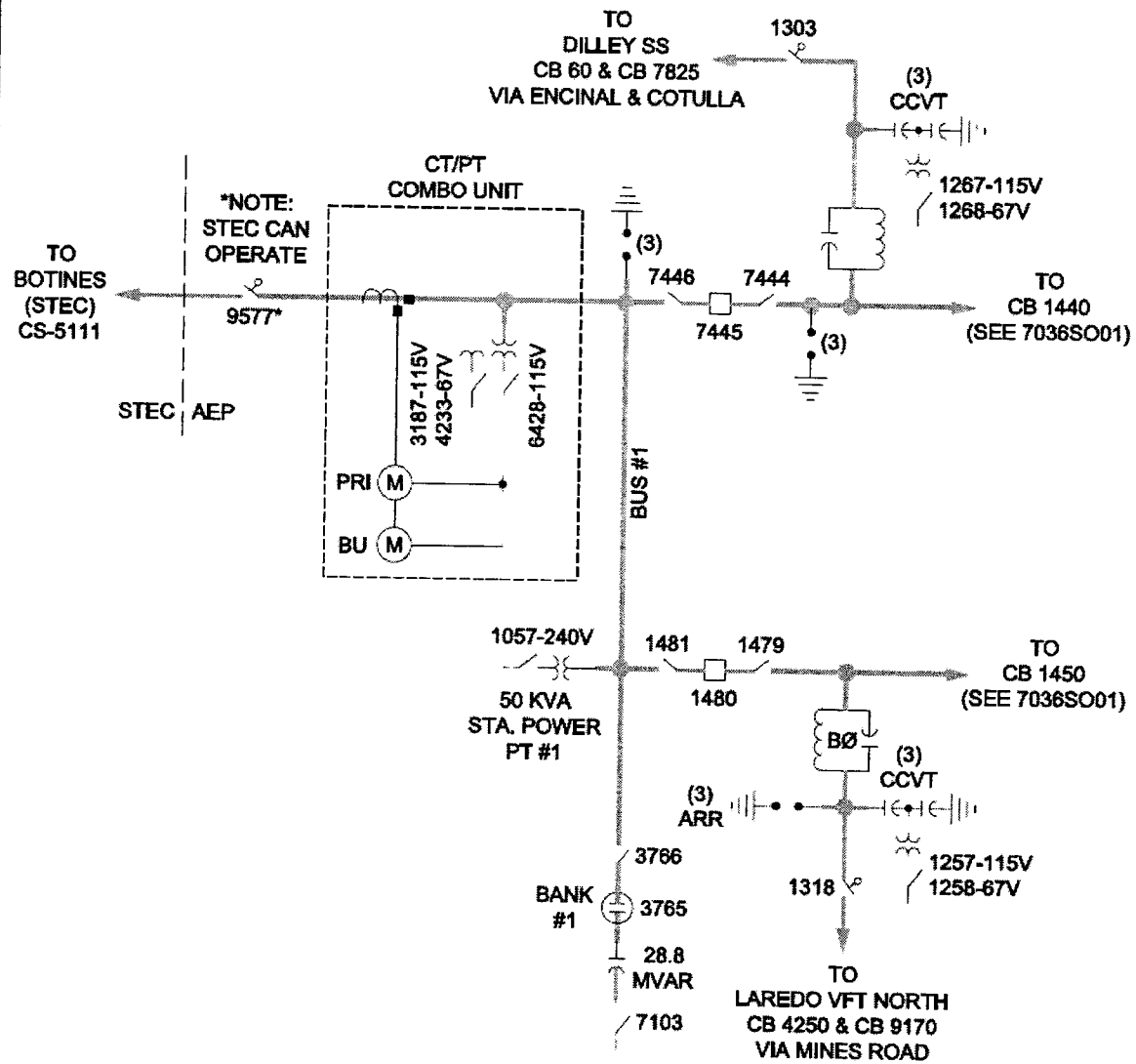
Cooperative installed and owns the 138 kV transmission line connecting Cooperative's Botines Station to the North Laredo Switching Station including the conductors to the Company's station deadend structure.
9. Operational Responsibilities of Each Party:

Company operates all equipment and facilities it owns.


Cooperative shall be allowed access to lock open and tag the air disconnect switch(es) that isolate its Botines - North Laredo 138kV transmission line.
10. Maintenance Responsibilities of Each Party:

Each Party maintains the facilities it owns.
11. Other Terms and Conditions Attached:

Company shall provide Cooperative with SCADA information from the breakers associated with this Point of Interconnection from the North Laredo Switching Station via existing communications networks.



ENTIRE STATION OWNED
& OPERATED BY AEP
EXCEPT AS NOTED

TEXAS CENTRAL COMPANY		NORTH LAREDO SW. STA. #7036		138KV ONE LINE DIAGRAM DISPATCHING	
APP'D BY : PLW	DR. BY : RLC	CH. BY : TQT	DATE : 12/18/09		
		1 RIVERSIDE PLAZA COLUMBUS, OH 43215		Work Order #:	
				41182693	
				DWG. No. 7036SO02	REV 7

FACILITY SCHEDULE NO. 53

1. Name: **Franklins Camp**
2. Facility Location: Cooperative Franklins Camp Substation at 5565 FM 2918, Churchill, Brazoria County
3. Delivery Voltage: not applicable
4. Metering Voltage: 138 kV
5. Loss Adjustment Due To Meter Location: not applicable
6. Normal Operation of Interconnection: not applicable
7. One-Line Diagram Attached: not applicable
8. Description of Facilities to be Installed and Owned by Each Party:

Company owns a revenue class meter along with associated wiring and isolation devices connected in parallel with Cooperative's meter on the Franklins Camp to Seaway 138kV transmission line.

Cooperative owns all other equipment at its Franklin's Camp Station.
9. Operational Responsibilities of Each Party:

Company operates those facilities it owns. All operations by Company shall be coordinated with STEC using good utility practices.

Cooperative will operate its facilities using good utility practices.
10. Maintenance Responsibilities of Each Party:

Maintenance is the responsibility of the equipment owner.
11. Other Terms and Conditions:

Company shall make this meter's data available to Cooperative upon request in an approved format usable by Cooperative. Company is also responsible for the communications path to its meter that affects remote reading except for any part of the path that utilizes Cooperatives communications network. Any work on Cooperative communications equipment solely for Company's access to its meter shall be paid by the Company.

FACILITY SCHEDULE NO. 54

1. **Name:** Lyssy
2. **Facility Location:** The Lyssy Substation (the “Substation”) is located between the towns of Falls City and Campbellton, south of FM 791 and west of CR199 in Karnes County, Texas. The Substation is connected to Company’s 138 kV Pleasanton-Kenedy transmission line approximately 22.55 transmission miles east of the Pleasanton substation and approximately 17.45 transmission miles west of the Kenedy switch station. The two (2) Points of Interconnection are within the Substation at 1) the 138 kV line-side of the disconnect switch of transformer #1 (“T-1”), and 2) the 138 kV line-side of the disconnect switch of transformer #2 (“T-2”). More specifically the Points of Interconnection are where the conductors from the 138 kV bus facilities physically contact the 138 kV bus-side of the switches.
3. **Delivery Voltage:** 138 kV
4. **Metered Voltage:** 24.94 kV
5. **Loss Adjustment Due To Meter Location:** Yes, metered load compensated for transformer losses
6. **Normal Operation of Interconnection:** Closed
7. **One-Line Diagram Attached:** Yes
8. **Facilities Ownership and Installation Responsibilities of the Parties:**
 - A. Cooperative will install and own the following facilities:
 - Control house with cable trays in the concrete floor
 - T-1 and associated high-side 138 kV disconnect switch and high-side 138 kV circuit switcher
 - T-2 and associated high-side 138 kV disconnect switch and high-side 138 kV circuit switcher
 - One set of three multi-ratio, tank mounted, CT’s in the primaries of T-1 and T-2 for Company use in bus differential protection
 - Transformer differential and distribution bus and feeder relaying
 - All distribution voltage level facilities including the metering instrument transformers
 - Property, site work, fencing, ground grid
 - RTU and associated communications facilities
 - Communication and distribution feeder breaker battery back-up systems if needed
 - Substation service facilities
 - All other facilities not specified or specifically associated with the items listed below as Company property

- B. Company will install and own the following facilities:
- the 138 kV Pleasanton-Kenedy transmission line
 - breaker and motor operated line switches on the Lyssy-Kenedy 138 kV transmission line and associated relaying facilities
 - breaker and motor operated line switches on the Lyssy-Pleasanton 138 kV transmission line and associated relaying facilities
 - 125 VDC battery back-up system (batteries, AC/DC panel, charger, rack and accessories) within Cooperative's control house
 - 138 kV bus differential protection
 - all control cables required for the control and protection of the Company-owned 138 kV facilities including cables for the operation of the motor operated line switches to Pleasanton substation and Kenedy switch station
 - RTU and associated communications facilities
 - Approximately 0.9 miles of double circuit 138 kV transmission line connecting the Substation to the Pleasanton to Kenedy transmission line.
 - Metering facilities located in the control house connected to the secondary wiring of Cooperative's instrument transformers
 - Power potential transformer for station service

Each Party provides its own SCADA communication circuit from its RTU to its control center unless a mutually agreeable alternative solution is reached. Each Party provides and maintains a monitor-only communications port on its RTU for use by the other Party to locally interrogate interconnection data as determined by mutual agreement or as specified herein. Cooperative provides transformer MW and MVAR load data to Company via Cooperative's monitor-only RTU communications port as described above. Additionally, Cooperative provides transformer MW and MVAR load data to ERCOT via Inter-control Center Communications Protocol (ICCP).

9. Facility Operation Responsibilities of the Parties:

- Each Party controls and operates all the facilities it owns except that Cooperative shall have access through use of dual locks to operate the high-side disconnect switches of T-1 and T-2, in compliance with Company dispatch instructions.

10. Facility Maintenance Responsibilities of the Parties:

- Each Party is responsible for maintenance of the facilities it owns that are provided for in this Facility Schedule.

11. Other Terms and Conditions:

Both parties have access to the Substation with locks in the gates and access to the control house with dual locks in a hasp type arrangement or dead bolts on individual doors.

Cooperative recognizes that Company is installing the facilities described in Section 8(B) of this Facility Schedule to facilitate Cooperative's request for the new Points of