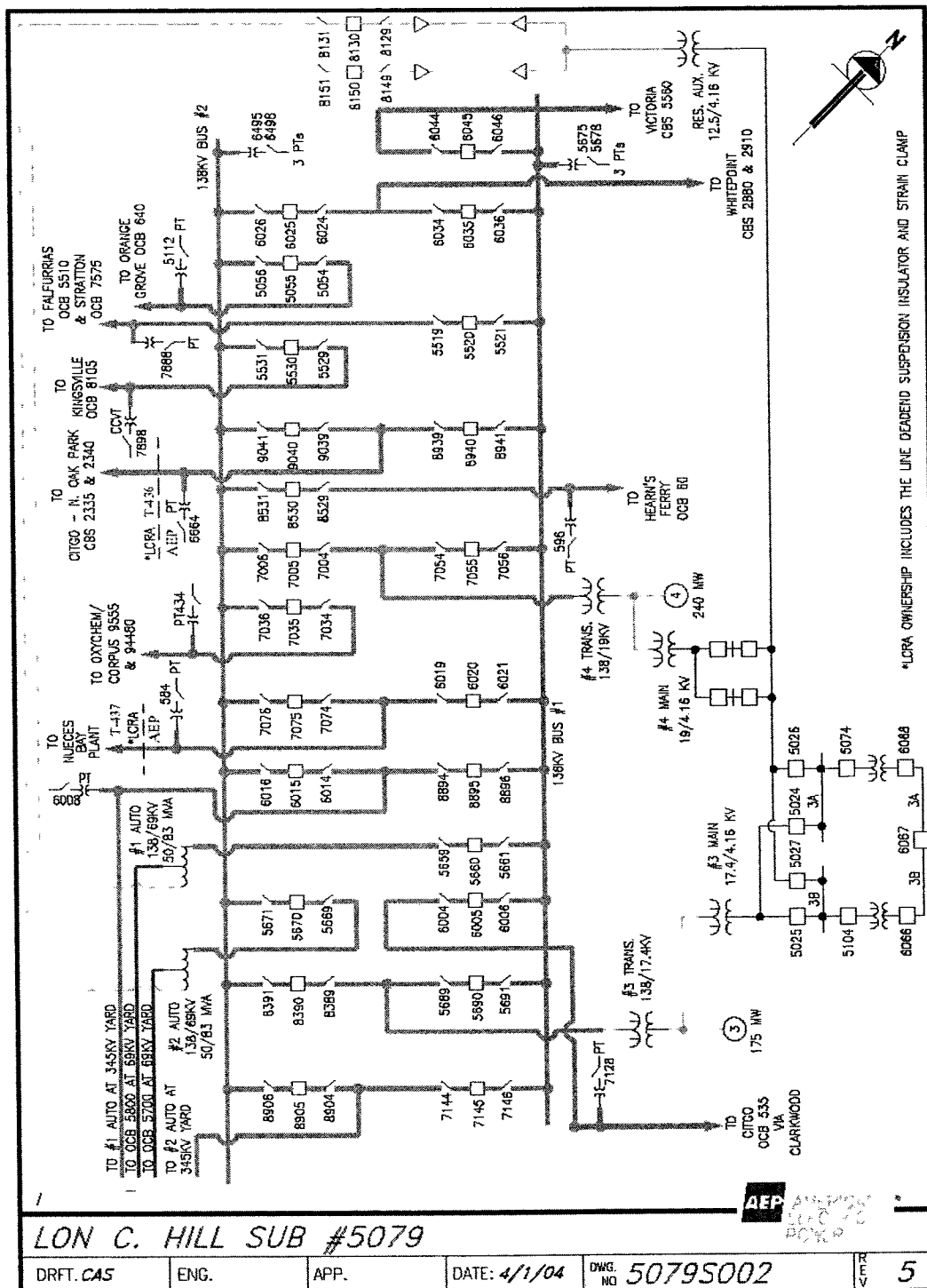




FACILITY SCHEDULE NO. 12

1. Name: **Highway 9**
2. Facility Location: The Highway 9 Station is located in Corpus Christi, in Nueces County, Texas. The Point of Interconnection is at the termination of the 138 kV transmission line from the Citgo North Oak Park Station where the jumper conductors from the substation equipment physically contact the connectors on the 138kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Highway 9 Station and all the substation facilities within it
- transmission line relay protection panel and all associated equipment for the LCRA transmission line
- the Remote Terminal Unit (RTU)
- a four-wire RTU communications circuit from the station to the AEP control center
- jumper conductors from the station facilities to the Point of Interconnection
- the following transmission lines comprised of easements, conductors, shield wires, insulators, connecting hardware, and structures;
 - Highway 9 to Nueces Bay 138 kV transmission line
 - Highway 9 to Arcadia 138 kV transmission line
 - Highway 9 to Javelina 138 kV transmission line
 - Highway 9 to Morris St 138 kV transmission line
 - all 69 kV transmission lines that terminate at the Highway 9 Station
- substation deadend structures that terminate all transmission lines into the station
- transmission line easements, under-built distribution voltage circuits, and the Industrial to Highway 9 69kV transmission circuit comprised of conductors, insulators and connecting hardware attached to LCRA's Highway 9 to Citgo North Oak Park 138 kV transmission line structures.
- OPGW shield/fiber aerial cable and fiber optic communications circuits attached to the following LCRA transmission lines:
 - Highway 9 to Citgo North Oak Park Station 138 kV transmission line

LCRA owns the following facilities:

- insulators and hardware connections on the deadend structure that terminates the 138 kV line from the Citgo North Oak Park Station.
- the following transmission lines comprised of licenses, conductors, insulators, connecting hardware, and structures;
 - Highway 9 to Citgo North Oak Park Station 138 kV transmission line
- a four-wire RTU communications circuit from the station to the LCRA control center

8. Facility Operation Responsibilities of the Parties:

- AEP controls and operates the Highway 9 Substation, including all facilities within it.
- AEP controls and operates all of the transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

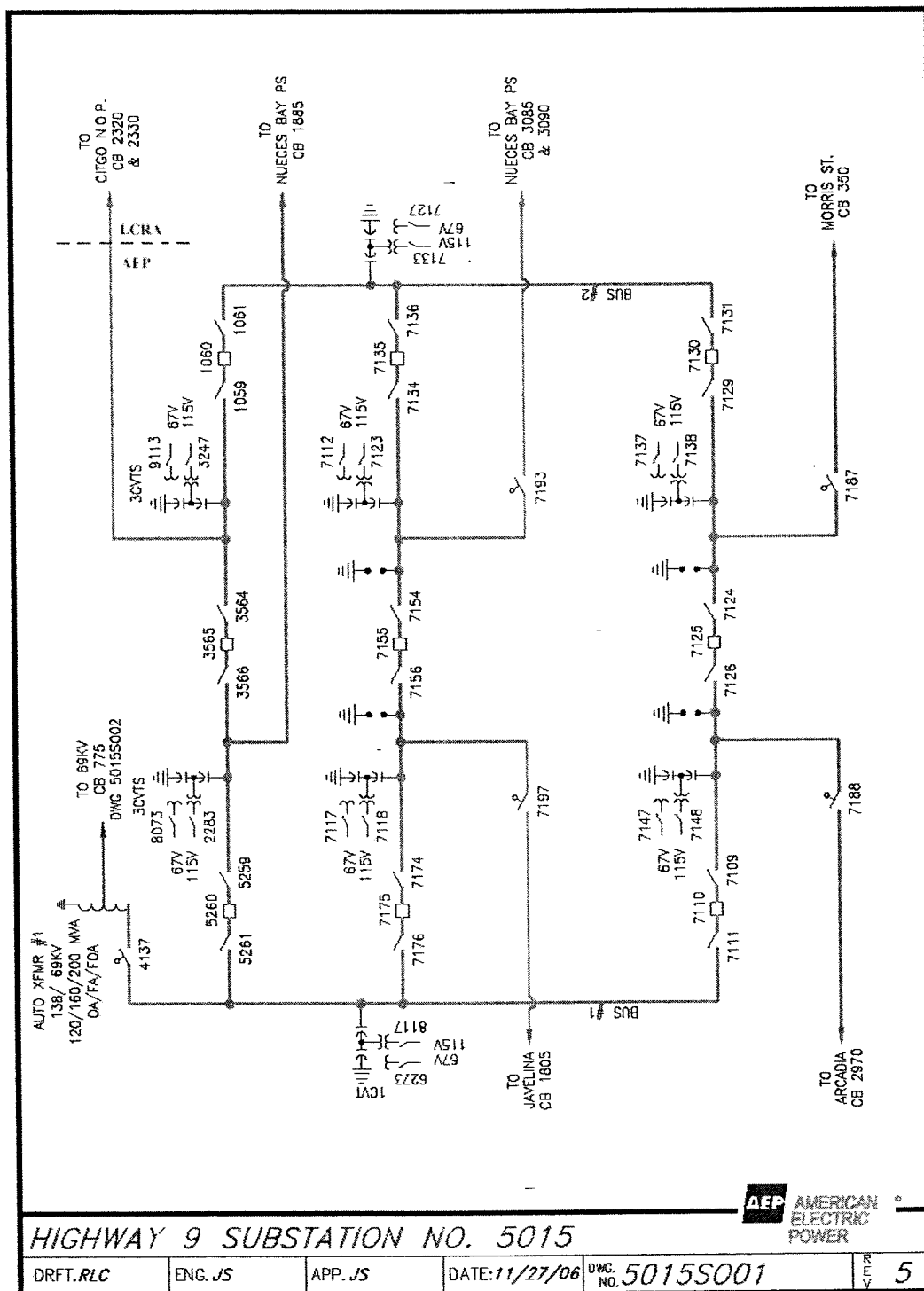
9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.
- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a four-wire RTU communications circuit until such time that a direct Inter-control Center Communications Protocol (ICCP) communication circuit is established between the Parties' control centers. The Parties will

- coordinate the analog and digital point list and communications protocol issues.
- AEP will provide physical space at the station for LCRA to terminate a four-wire RTU communications circuit until such time that LCRA establishes its ICCP communication circuit between control centers.



FACILITY SCHEDULE NO. 13
Terminated

1. Name: **Nueces Bay**

FACILITY SCHEDULE NO. 14

1. Name: **Cantwell**
2. Facility Location: The Cantwell Substation is owned by Valero Refining – Texas, L.P. and is located on Cantwell Lane near Up River Road in Corpus Christi, Texas. There are two (2) Points of Interconnection at the Cantwell Substation. Each of these Points of Interconnection are located at the point where the jumper conductors from the line side disconnect switches inside the substation physically contact the connectors on the Citgo North Oak Park to Cantwell and Weil Tract to Cantwell 138 kV transmission lines.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

Valero Refining-Texas LP owns the following facilities:

- the Cantwell Substation, including the 138 kV ring bus comprised of circuit breakers and switches, and all facilities within it except for the metering and telemetry equipment owned by AEP
- conductors and connecting hardware from the 138 kV metering instrument transformers to the 138 kV line side disconnect switches and 138 kV bus inside the Cantwell Substation

AEP owns the following facilities:

- 2 –revenue quality meter instrument transformers (one at each Point of Interconnection) located inside the Cantwell Substation
- 1 – Remote Terminal Unit (RTU) inside the substation
- a four-wire RTU communications circuit from the substation to the AEP control center
- 1 - dynamics and fault recorder inside the substation
- fiber optic multiplexer, cable, conduit, splice box, and termination panel inside the substation for the fiber optics from the Citgo North Oak Park Substation
- transmission line easements, under-built distribution voltage circuits, and the following transmission circuits comprised of conductors, insulators, and connecting hardware:

- Coastal States East to Avery Point 69 kV transmission circuit attached to LCRA's Citgo North Oak Park to Cantwell 138 kV transmission line structures
- Nueces Bay to Highway 9 69 kV transmission circuit attached to LCRA's Citgo North Oak Park to Cantwell 138 kV transmission line structures
- Nueces Bay to Highway 9 69 kV transmission circuit attached to LCRA's Cantwell to Weil Tract 138 kV transmission line structures
- OPGW shield/fiber aerial cable and fiber optic communications circuits attached to the following LCRA transmission lines:
 - the Citgo North Oak Park to Cantwell 138 kV transmission line
 - the Weil Tract to Cantwell 138 kV transmission line

LCRA owns the following facilities:

- 2 - deadend structures in the Citgo North Oak Park to Weil 138 kV transmission line that turns the line in and out of the Cantwell Substation
- the following transmission lines comprised of licenses, conductors, insulators, connecting hardware, and structures:
 - the Citgo North Oak Park to Cantwell 138 kV transmission line
 - the Weil Tract to Cantwell 138 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

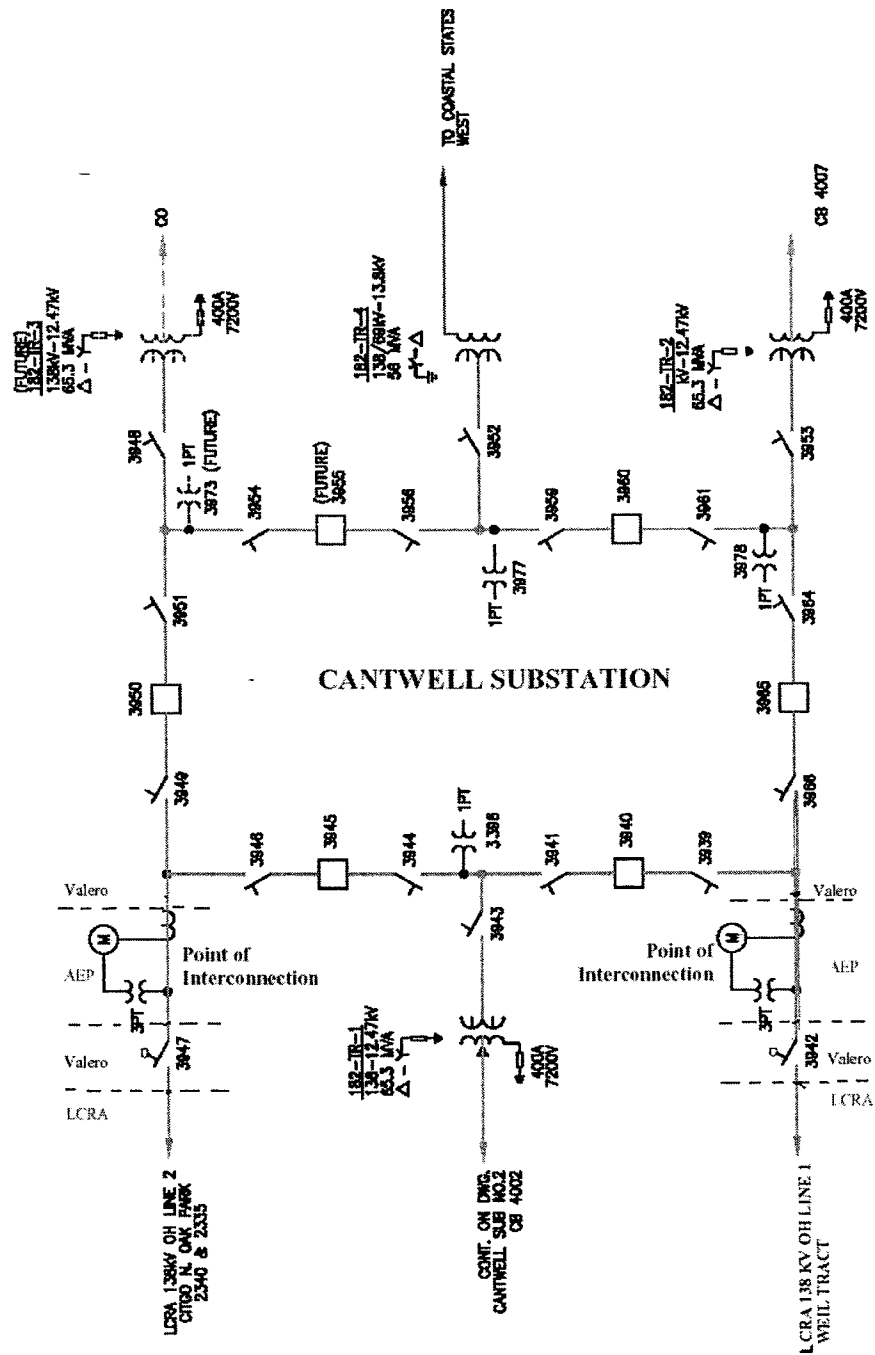
- AEP controls and operates the 138 kV ring bus (six 138 kV circuit breakers and related disconnect switches) inside the Cantwell substation.
- AEP also controls and operates all of the transmission lines that terminate into the substation
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

AEP will poll the AEP RTU installed inside the substation and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.



FACILITY SCHEDULE NO. 15

1. Name: **Weil Tract**
2. Facility Location: The Weil Tract Switching Station is located on Corn Products Road near Leopard Street in Corpus Christi, Texas. There are two (2) Points of Interconnection at Weil Tract. One is at the termination of the 138 kV transmission line from the Cantwell Substation and the other is at the termination of the 138 kV transmission line from the Lon C. Hill Substation. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Weil Tract Substation and all the substation facilities within it
- transmission line relay protection system for the termination of the 138 kV transmission lines from the Cantwell and Lon C. Hill substations
- the Remote Terminal Unit (RTU)
- a four-wire RTU communications circuit from the station to the AEP control center
- jumper conductors from the substation facilities to the Points of Interconnection
- substation deadend structures that terminate all transmission lines into the substation
 - Weil Tract to Westside 138 kV transmission line
- transmission line easements, under-built distribution voltage circuits, and the following transmission circuits comprised of conductors, insulators and connecting hardware:
 - Nueces Bay to Highway 9 69 kV transmission circuit attached to LCRA's Cantwell to Weil Tract 138 kV transmission line structures
 - Kingsville to Lon C. Hill 138 kV transmission circuit attached to LCRA's Weil Tract to Lon C. Hill 138 kV transmission line structures
- OPGW shield/fiber aerial cable and fiber optic communications circuits attached to the following LCRA transmission lines:

- the Weil Tract to Lon C. Hill 138 kV transmission line
- the Weil Tract to Cantwell 138 kV transmission line

LCRA owns the following facilities:

- 6 – transmission line deadend structures within the Weil Tract Substation
- the following transmission lines comprised of licenses, conductors, insulators, connecting hardware, and structures;
 - the Weil Tract to Lon C. Hill 138 kV transmission line
 - the Weil Tract to Cantwell 138 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

- AEP controls and operates the Weil Substation, including all facilities within it.
- AEP also controls and operates all of the transmission lines that terminate into the substation.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed inside the substation and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.

FACILITY SCHEDULE NO. 16

1. Name: **Rincon Switching Station**
2. Location: The Rincon Switching Station is located near Taft, Texas in San Patricio County. The Point of Interconnection is at the termination of the 138 kV transmission line from the Rockport Substation where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Rincon Switching Station and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- OPGW shield/fiber aerial cable and attached fiber optic communications circuits from the station to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware:
 - Rincon to Seadrift Coke (Airco) 138 kV transmission line
 - Rincon to Whitepoint Switching Station 138 kV transmission line
 - Rincon to DuPont Switching Station double circuit 138 kV transmission line
 - Rincon to Bonnie View 69 kV transmission line
 - Rincon to Gregory 69 kV transmission line
 - Rincon to Midway Pump 69 kV transmission line
- distribution line easements and any under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission line from the Rockport station

- the following transmission line(s) comprised of structures, conductors, insulators, easements and connecting hardware and attached OPGW shield/fiber aerial cable and fiber optic communications circuits:
 - Rincon to Rockport 138 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

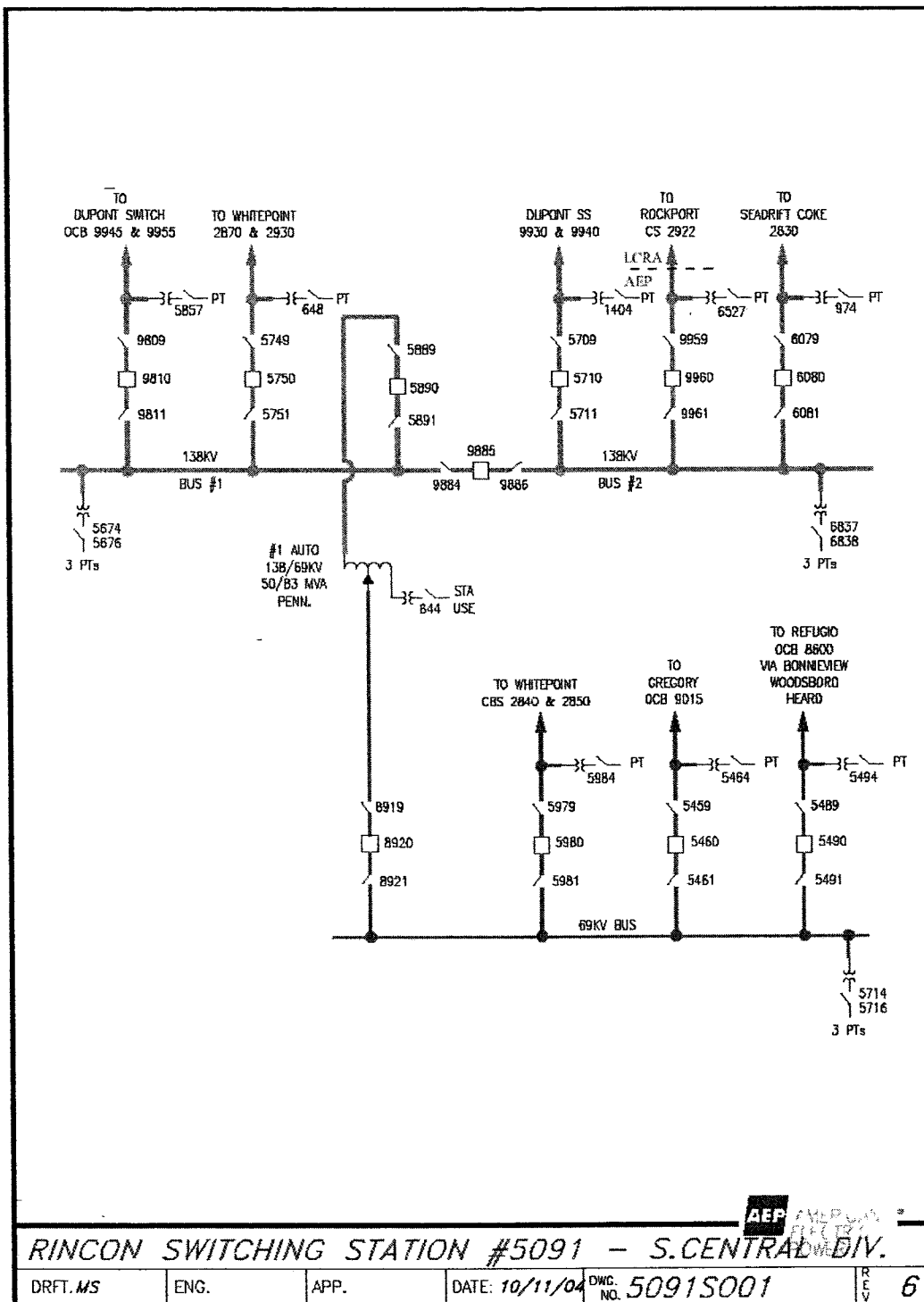
- AEP controls and operates the Rincon Switching Station, including all facilities within it.
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.



FACILITY SCHEDULE NO. 17

1. Name: **Rockport**
2. Location: The Rockport Substation is located near Rockport, Texas in Aransas County. There are two Points of Interconnection at the Rockport Substation. One Point of Interconnection is at the termination of the 138 kV transmission line from the Rincon Substation and the other is at the termination of the 69 kV transmission line from the Fulton Substation. Both Points of Interconnection are where the jumper conductors from the substation equipment physically contact the connectors on the transmission line conductors.
3. Delivery Voltage: 138 kV / 69 kV
4. Metered Voltage: 138 kV / 69 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Rockport Substation and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- OPGW shield/fiber aerial cable and attached fiber optic communications circuits from the station to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware and any attached OPGW shield/fiber aerial cable and fiber optic communications circuits:
 - Rockport to Aransas Pass 69 kV transmission line
 - Rockport to Fulton via Live Oak 69 kV transmission line
- any under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission line from the Rincon station
- the following transmission line(s) comprised of easements, structures, conductors, insulators, shield wires and connecting hardware and any attached OPGW shield/fiber aerial cable and fiber optic communications circuits:

- Rockport to Rincon 138 kV transmission line
- Rockport to Fulton 69 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

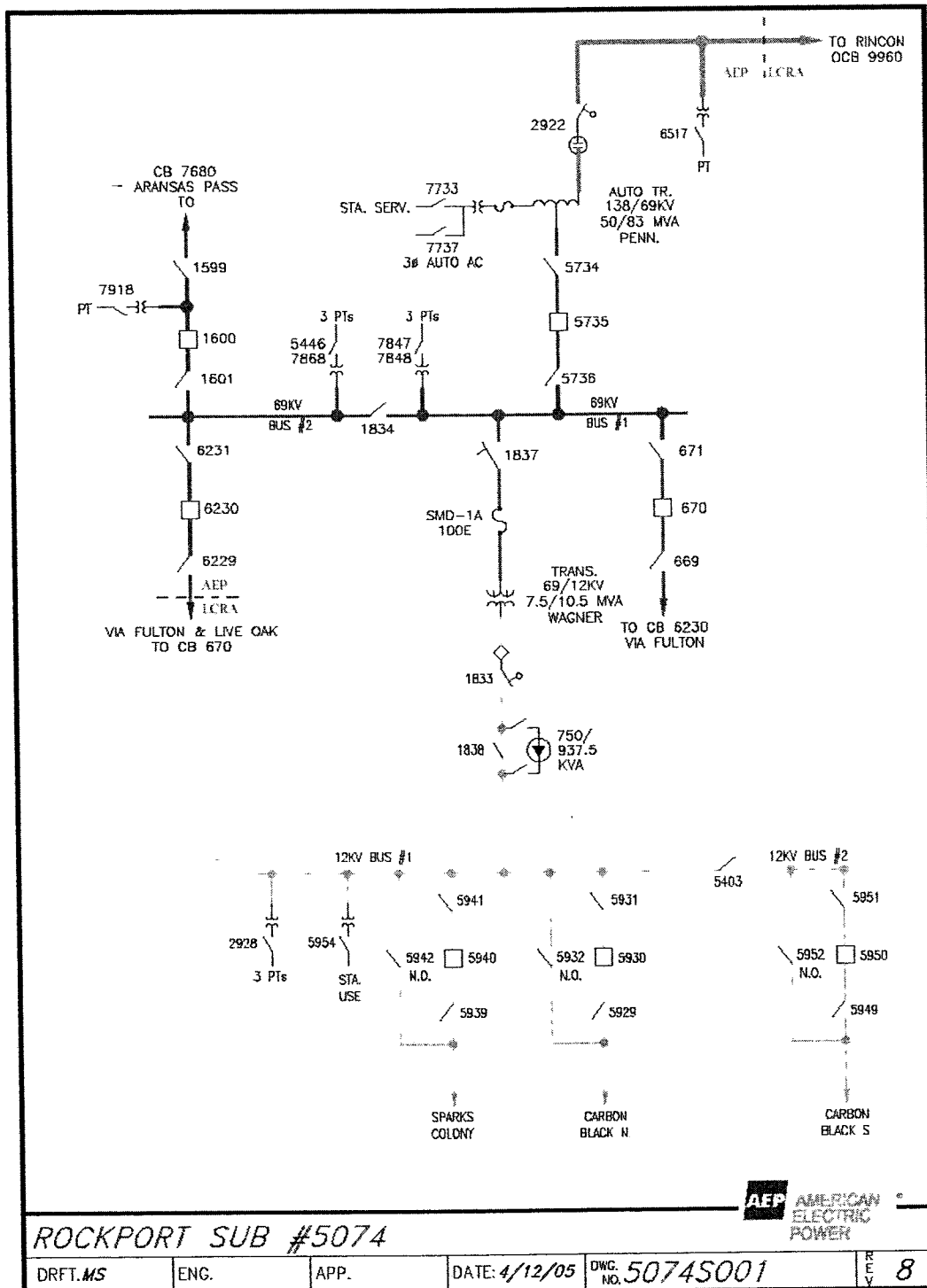
- AEP controls and operates the Rockport Substation, including all facilities within it.
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.



FACILITY SCHEDULE NO. 18

1. Name: **Fulton**
2. Location: The Fulton Substation is located near Fulton, Texas in Aransas County. The Point of Interconnection is at the termination of the 69 kV transmission line from the Rockport Substation where the jumper conductors from the substation equipment physically contact the connectors on the 69 kV transmission line conductors.
3. Delivery Voltage: 69 kV
4. Metered Voltage: 69 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Fulton Substation and all the substation facilities within it
- jumper conductors from the station facilities to the Point of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware:
 - Fulton to Rockport via Live Oak 69 kV transmission line
- a four-wire RTU communication circuit from the station to the AEP control center
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 69 kV transmission line from the Rockport station
- the following transmission line(s) comprised of structures, conductors, insulators, shield wires, easements and connecting hardware:
 - Fulton to Rockport 69 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:
 - AEP controls and operates the Fulton Substation, including all facilities within it.
 - AEP controls and operates all transmission lines that terminate into the station.

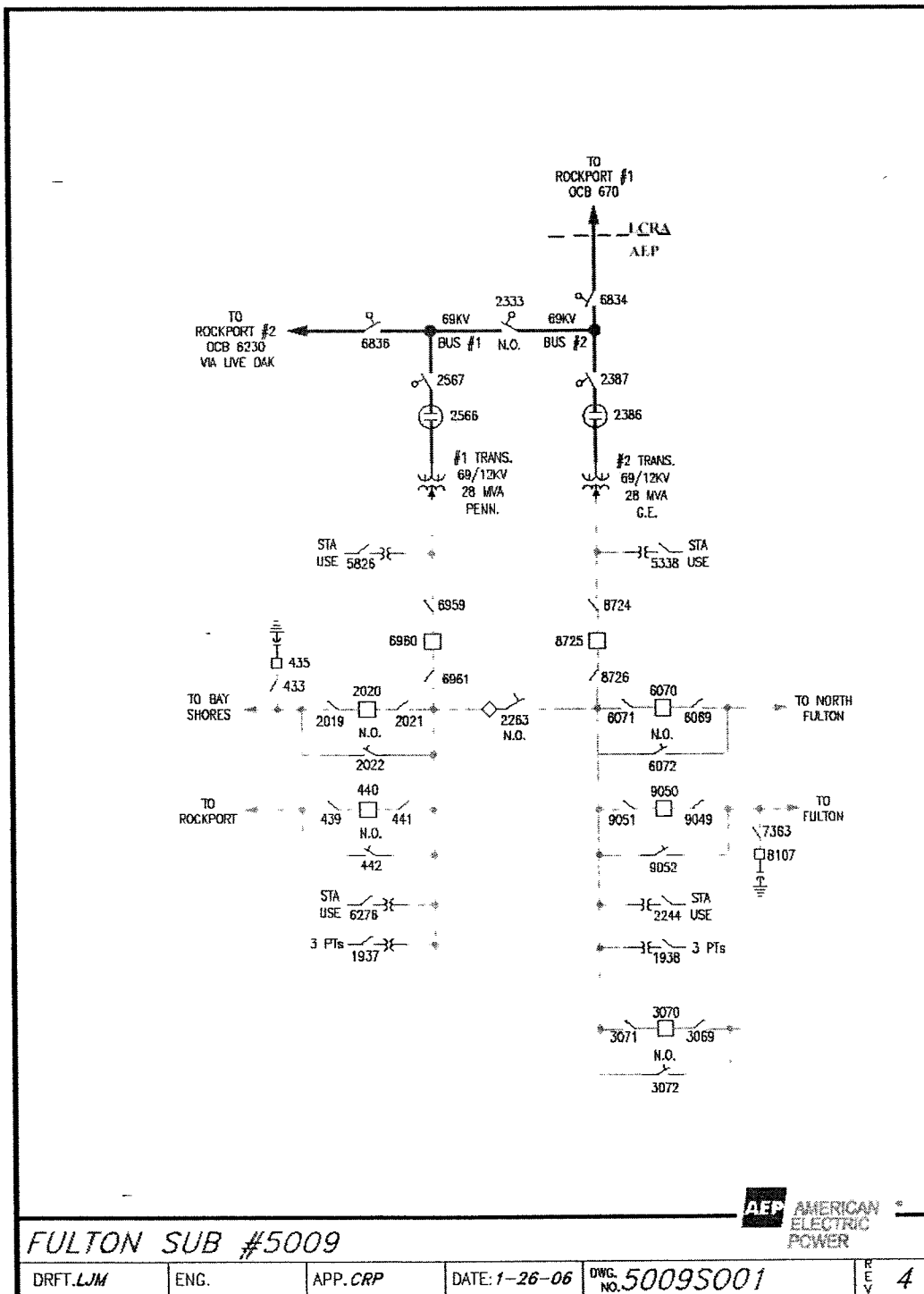
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- • Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.



FACILITY SCHEDULE NO. 19

1. Name: **Roma**
2. Location: The Roma Substation is located in Roma, Texas in Starr County. The Point of Interconnection is at the termination of the 138 kV transmission line from the Garceno Substation where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:
 - the Roma Substation and all the substation facilities within it
 - jumper conductors from the station facilities to the Point(s) of Interconnection
 - substation deadend structures that terminate all transmission lines into the station
 - the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware:
 - Roma to Roma Tap 138 kV transmission line
 - a four-wire RTU communication circuit from the station to the AEP control center
 - any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station
LCRA owns the following facilities:
 - insulators and hardware on the deadend structures that terminate the 138 kV transmission line from the Garceno station
 - the following transmission line(s) comprised of structures, conductors, insulators, easements, licenses, shield wires and connecting hardware:
 - Roma to Garceno 138 kV transmission line
8. Facility Operation and Maintenance Responsibilities of the Parties:
 - AEP controls and operates the Roma Substation, including all facilities within it.
 - AEP controls and operates all transmission lines that terminate into the station.

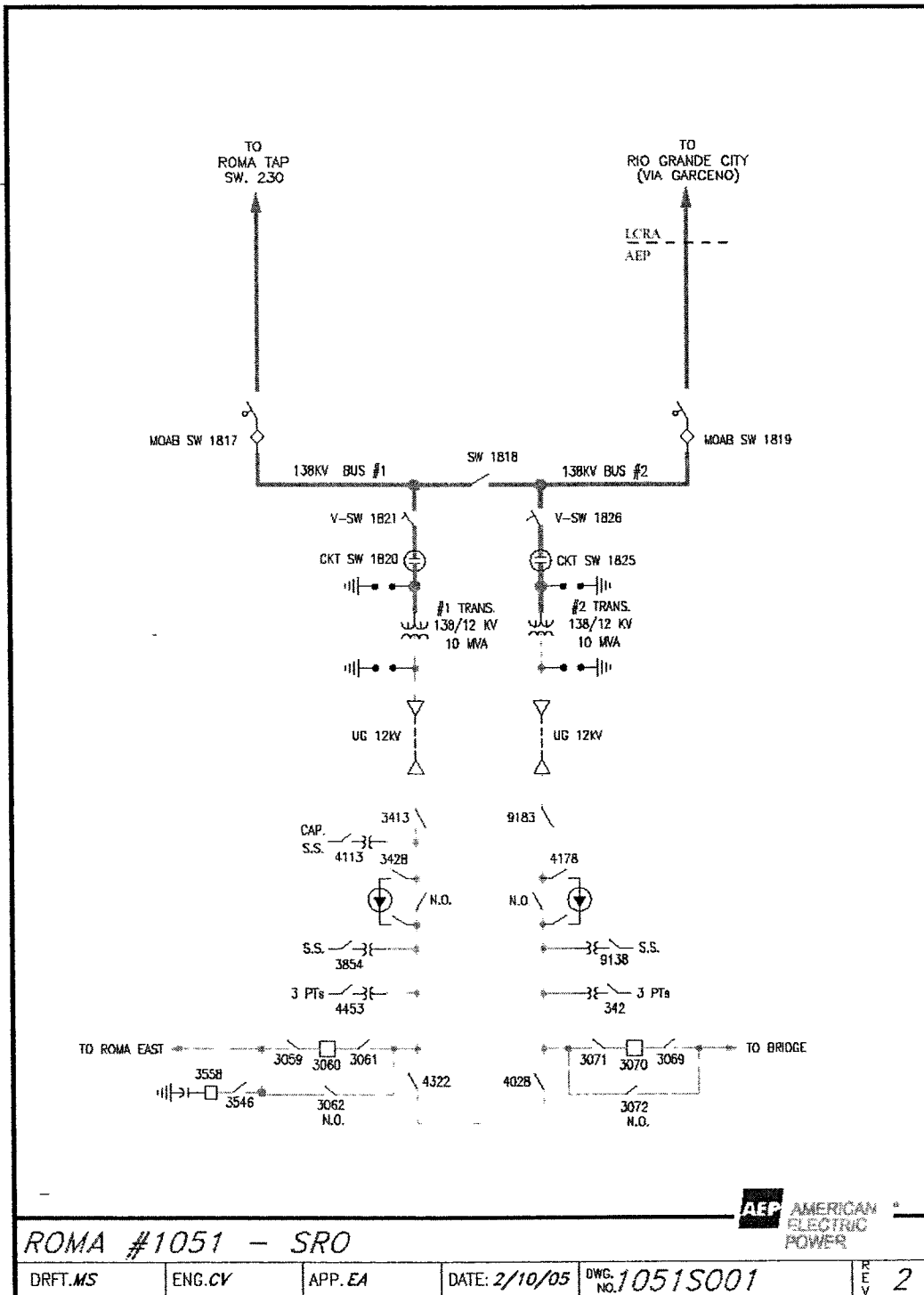
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.



FACILITY SCHEDULE NO. 20

1. Name: **Garceno**
2. Location: The Garceno Substation is located in Garceno, Texas in Starr County. There are two Points of Interconnection at the Garceno Substation. One is at the termination of the 138 kV transmission line from the Roma Substation and the other is at the termination of the 138 kV transmission line from the Rio Grande City Substation. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Garceno Substation and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- a four-wire RTU communication circuit from the station to the AEP control center
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission lines from the Roma and Rio Grande City stations
- the following transmission line(s) comprised of structures, conductors, insulators, easements, licenses, shield wires and connecting hardware:
 - Garceno to Roma 138 kV transmission line
 - Garceno to Rio Grande City 138 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

- AEP controls and operates the Garceno Substation, including all facilities within

it

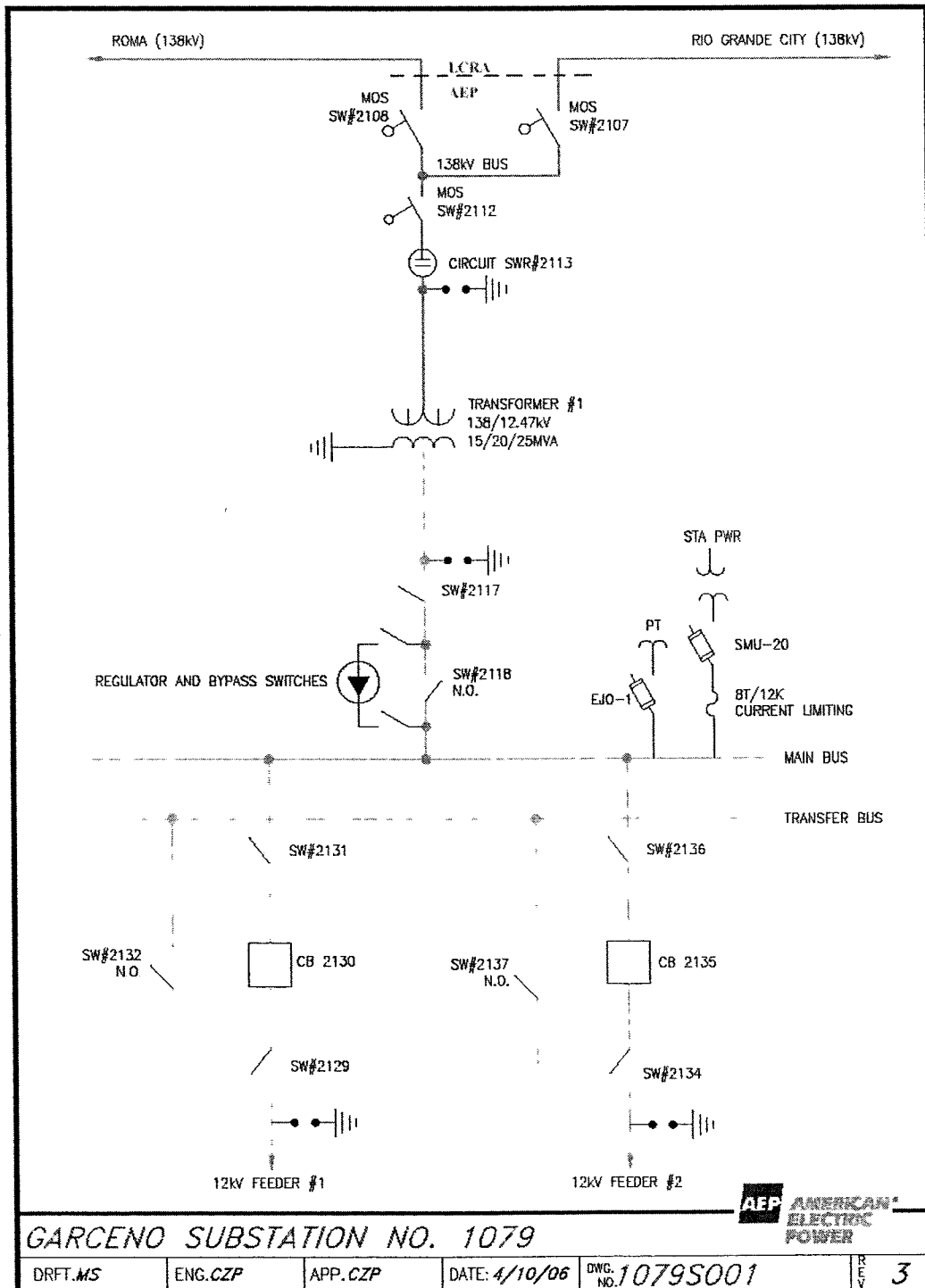
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.



Issued by: Richard E. Munczinski, Senior Vice President
Regulatory Services
Issued on: April 28, 2010

Effective: March 29, 2010

FACILITY SCHEDULE NO. 21

1. Name: **Rio Grande City**
2. Location: The Rio Grande City Substation is located in Rio Grande City, Texas in Starr County. There are two Points of Interconnection at the Rio Grande City Substation. One is at the termination of the 138 kV transmission line from the Garceno Substation and the other is at the termination of the 138 kV transmission line from the La Grulla Substation. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Rio Grande City Substation and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- the following transmission line(s) comprised of structures, conductors, insulators and connecting hardware:
 - Rio Grande City to Garza 69 kV transmission line
- a four-wire RTU communication circuit from the station to the AEP control center
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission lines from the Garceno and La Grulla stations
- the following transmission line(s) comprised of structures, conductors, insulators, shield wire, easements, licenses and connecting hardware:
 - Rio Grande City to Garceno 138 kV transmission line
 - Rio Grande City to La Grulla 138 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

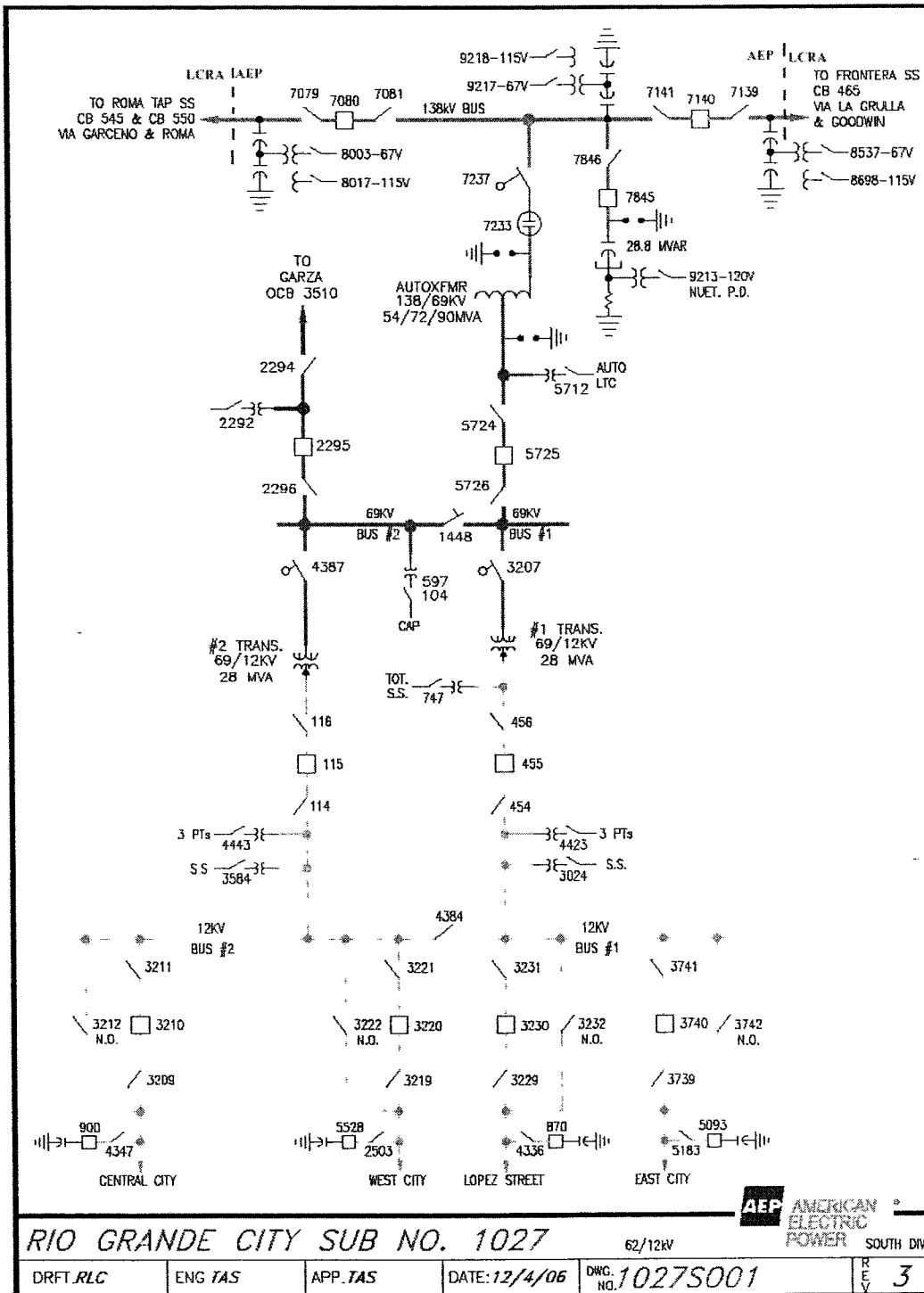
- AEP controls and operates the Rio Grande City Substation, including all facilities within it.
- AEP controls and operates all transmission lines that terminate into the station.
- • AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.



FACILITY SCHEDULE NO. 22

1. Name: **La Grulla**
2. Location: The La Grulla Substation is located in La Grulla, Texas in Starr County. There are two Points of Interconnection at the La Grulla Substation. One is at the termination of the 138 kV transmission line from the Rio Grande City Substation and the other is at the termination of the 138 kV transmission line from the Goodwin Substation. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:
 - AEP owns the following facilities:
 - the La Grulla Substation and all the substation facilities within it
 - jumper conductors from the station facilities to the Point(s) of Interconnection
 - substation deadend structures that terminate all transmission lines into the station
 - a four-wire RTU communication circuit from the station to the AEP control center
 - any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station
 - LCRA owns the following facilities:
 - insulators and hardware on the deadend structures that terminate the 138 kV transmission lines from the Rio Grande City and Goodwin stations
 - the following transmission line(s) comprised of structures, conductors, insulators, easements, licenses, shield wires and connecting hardware:
 - La Grulla to Rio Grande City 138 kV transmission line
 - La Grulla to Goodwin 138 kV transmission line
8. Facility Operation and Maintenance Responsibilities of the Parties:
 - AEP controls and operates the La Grulla Substation, including all facilities within

it.

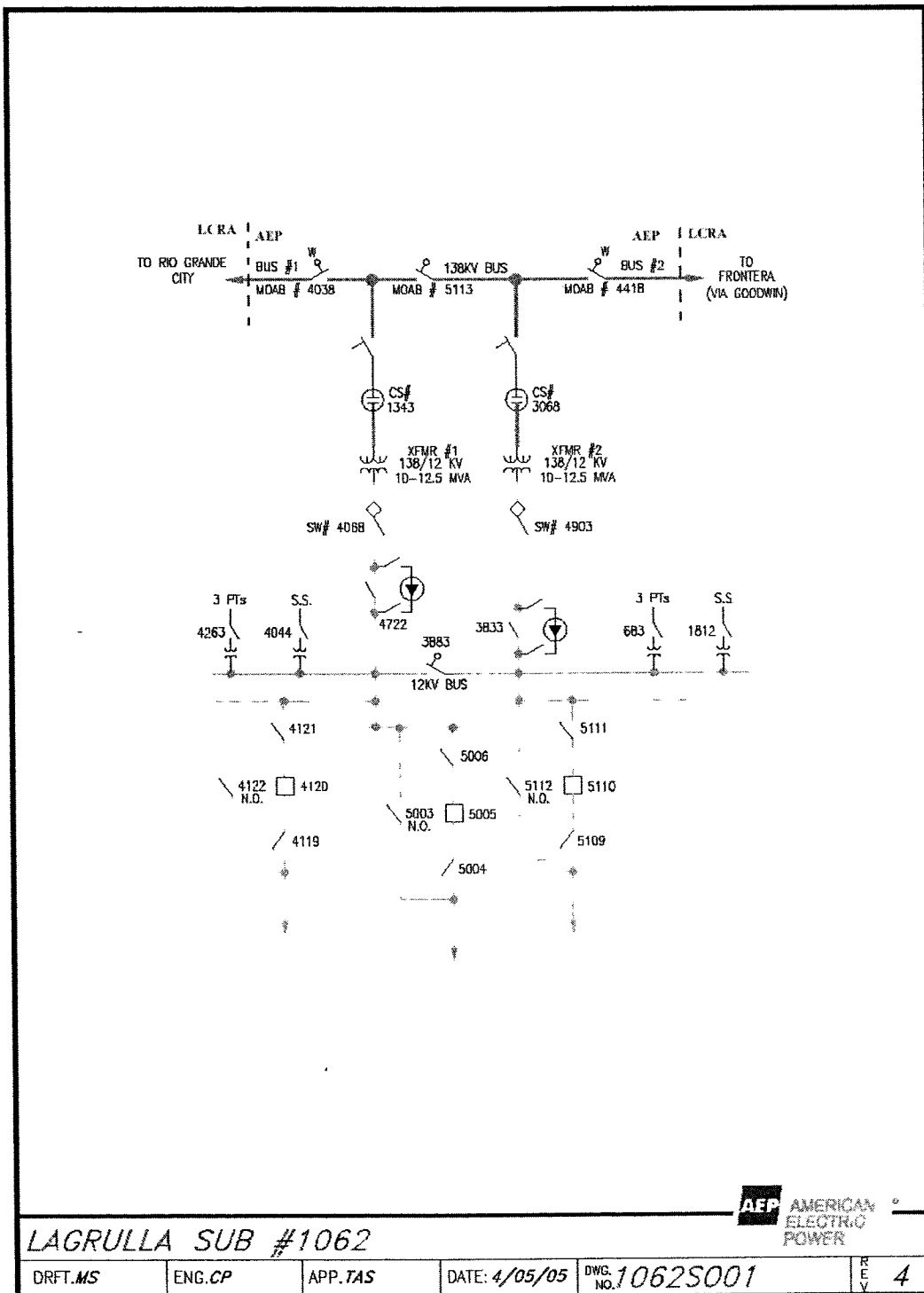
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.



FACILITY SCHEDULE NO. 23

1. Name: **Goodwin**
2. Location: The Goodwin Substation is located in Goodwin, Texas in Hidalgo County. There are two Points of Interconnection at the Goodwin Substation. One is at the termination of the 138 kV transmission line from the La Grulla Substation and the other is at the termination of the 138 kV transmission line from the Frontera Switching Station. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Goodwin Substation and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- a four-wire RTU communication circuit from the station to the AEP control center
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission lines from the North Weslaco station and Harlingen switching station
- the following transmission line(s) comprised of structures, conductors, insulators, easements, licenses, shield wires and connecting hardware:
 - Goodwin to La Grulla 138 kV transmission line
 - Goodwin to Frontera Switching Station 138 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

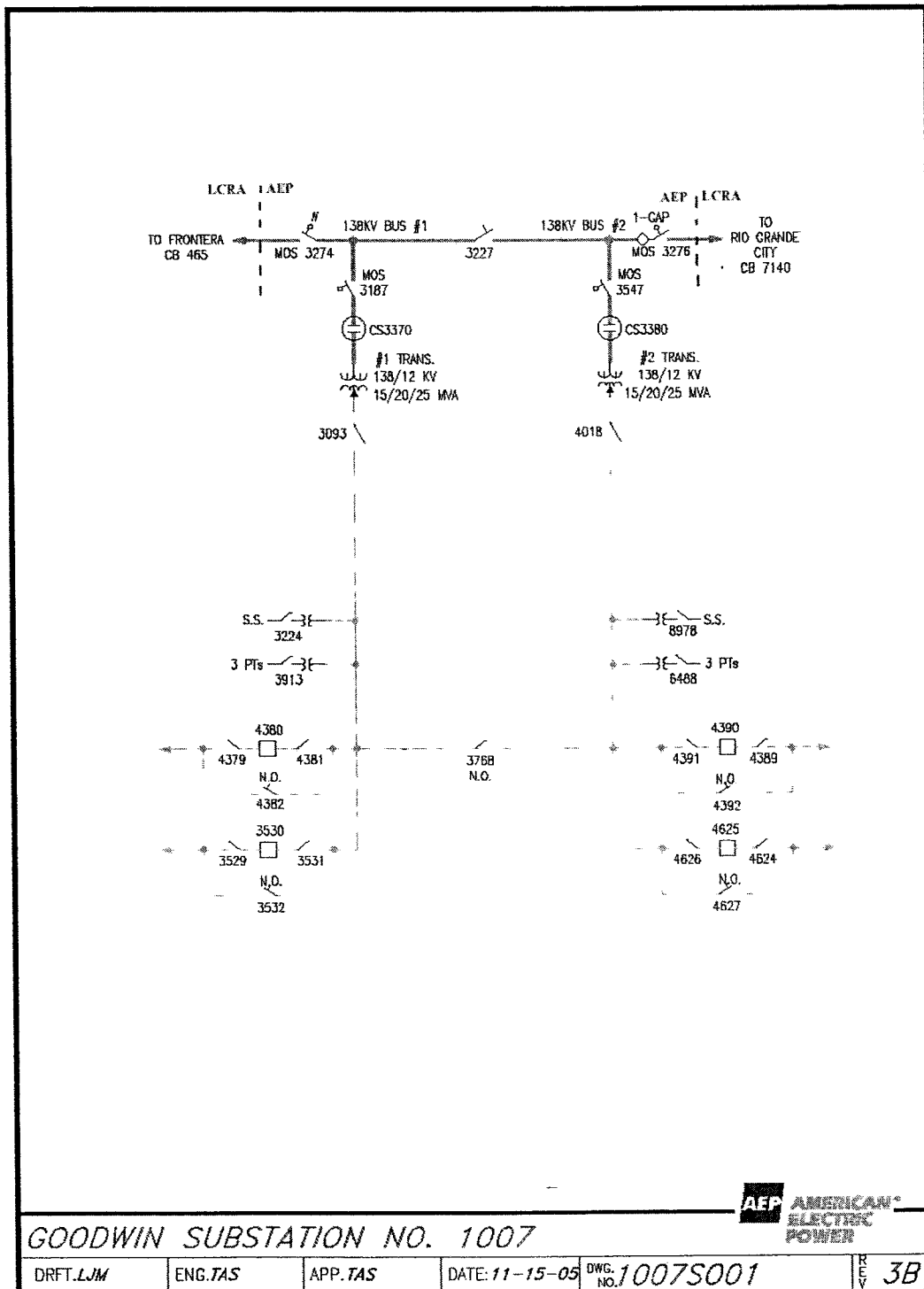
- AEP controls and operates the Goodwin Substation, including all facilities within it.
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.



FACILITY SCHEDULE NO. 24

1. Name: **Frontera Switching Station 138**
2. Location: The 138 kV Frontera Switching Station is located near Mission, Texas in Hidalgo County. The Point of Interconnection is at the termination of the 138 kV transmission line from the Goodwin Substation where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Frontera Switching Station and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware:
 - Frontera Switching Station to J L Bates 138 kV transmission line
 - Frontera Switching Station to North McAllen 138 kV transmission line
 - Frontera Switching Station to Sharyland 138 kV transmission line
- a four-wire RTU communication circuit from the station to the AEP control center
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission line from the Goodwin station
- the following transmission line(s) comprised of structures, conductors, insulators, easements, shield wires and connecting hardware:
 - Frontera Switching Station to Goodwin 138 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

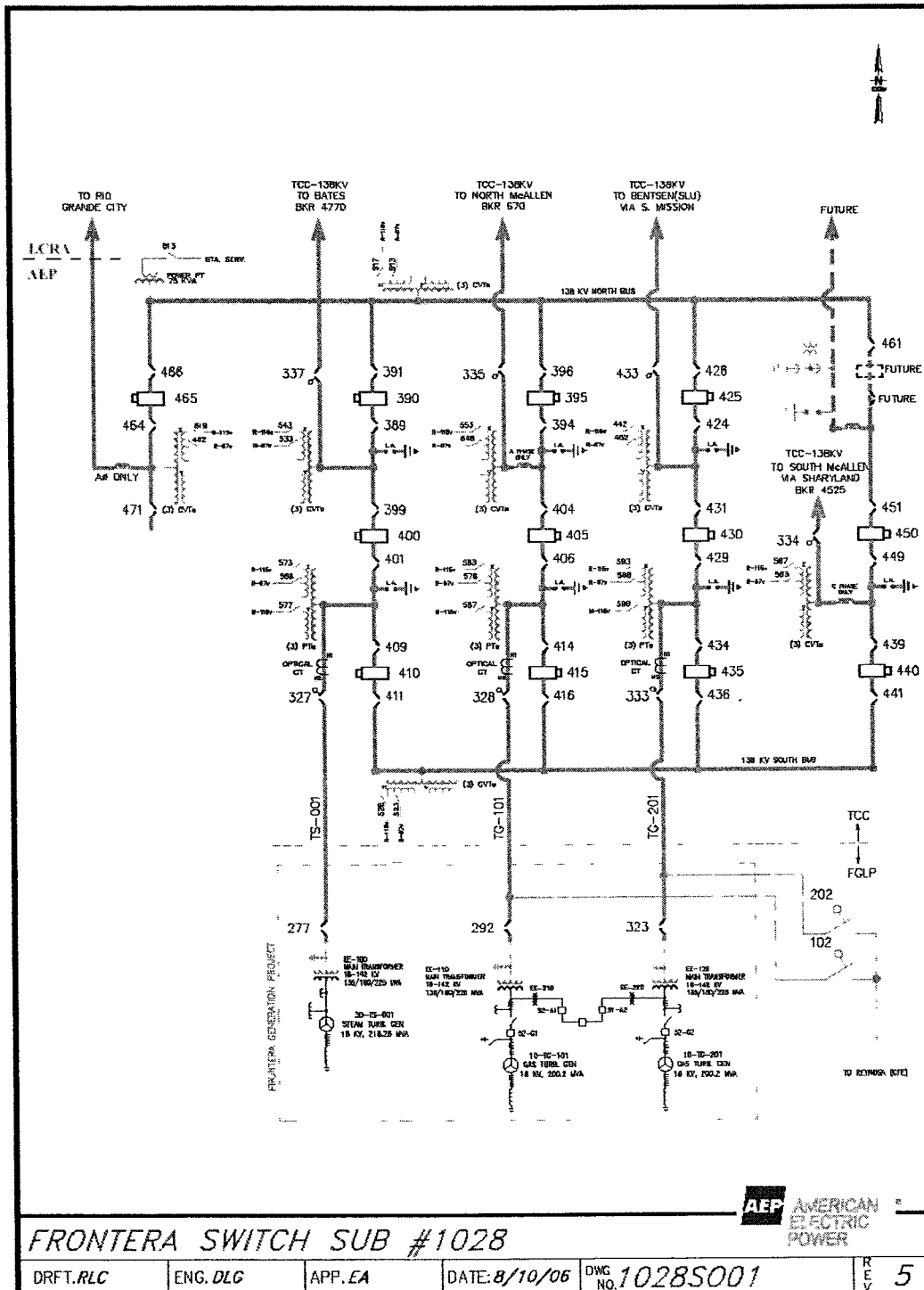
- AEP controls and operates the Frontera Switching Station, including all facilities within it.
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.



FACILITY SCHEDULE NO. 25

1. Name: **Asherton**
2. Location: The Asherton Substation is located in Asherton, Texas in Dimmit County. The Point of Interconnection is at the termination of the 138 kV transmission line from the Conoco Chittam Ranch Tap where the conductors from jumpers from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Asherton Substation and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware:
 - Asherton to North Laredo Switching Station 138 kV transmission line
 - Asherton to Dilley Switching Station 138 kV transmission line
 - Asherton to West Batesville 138 kV transmission line
 - Asherton to Crystal City 69 kV transmission line
- a four-wire RTU communication circuit from the station to the AEP control center
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission line from the Pueblo station
- the following transmission line(s) comprised of easements, structures, conductors, insulators, shield wires and connecting hardware:
 - Asherton to Conoco Chittam Ranch Tap 138 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

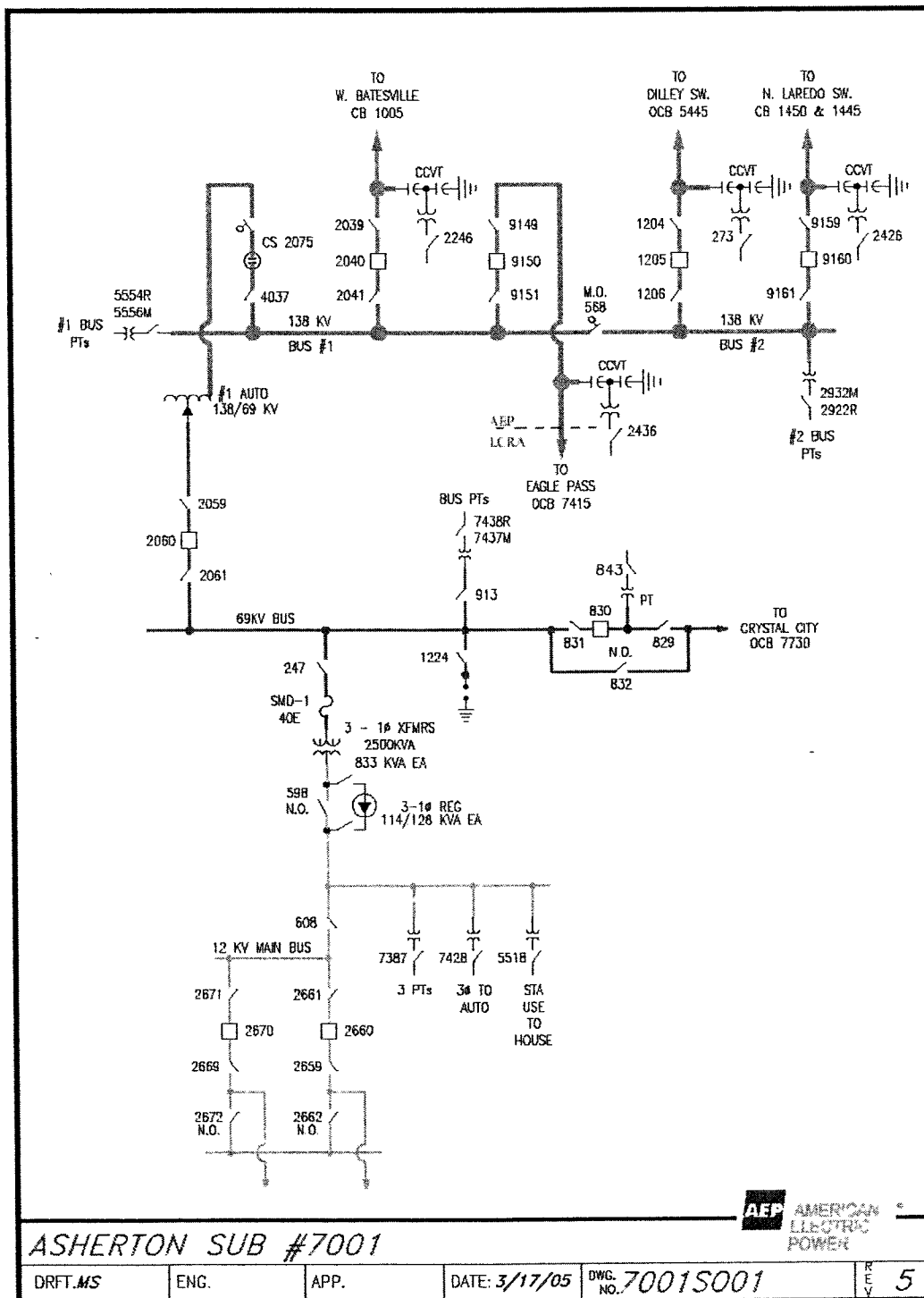
- AEP controls and operates the Asherton Substation, including all facilities within it.
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.



FACILITY SCHEDULE NO. 26

1. Name: **Conoco Chittam Ranch Tap**
2. Location: The transmission tap to the Conoco Chittam Ranch Substation is located approximately 5 miles south of the substation approximately 18 miles east of Eagle Pass, Texas in Maverick County. There are two Points of Interconnection at the Conoco Chittam Ranch. One is at the termination of the 138 kV transmission line from the Asherton Substation and the other is at the termination of the 138 kV transmission line from the Pueblo Substation. Both Points of Interconnection are at the point where the jumper conductors from the circuit switchers on the tap structure physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Conoco Chittam Ranch Substation and all the substation facilities within it
- the tap structure and associated 138 kV bus and circuit switchers that comprise the Conoco Chittam Ranch Tap
- the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware:
 - Conoco Chittam Ranch Tap to Conoco Chittam Ranch Substation 138 kV transmission line
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the substation

LCRA owns the following facilities:

- insulators and hardware on the tap structure that terminate the 138 kV transmission lines from the Asherton and Pueblo stations
- the following transmission line(s) comprised of easements, structures, conductors, insulators, shield wires and connecting hardware:
 - Conoco Chittam Ranch Tap to Asherton 138 kV transmission line
 - Conoco Chittam Ranch Tap to Pueblo 138 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

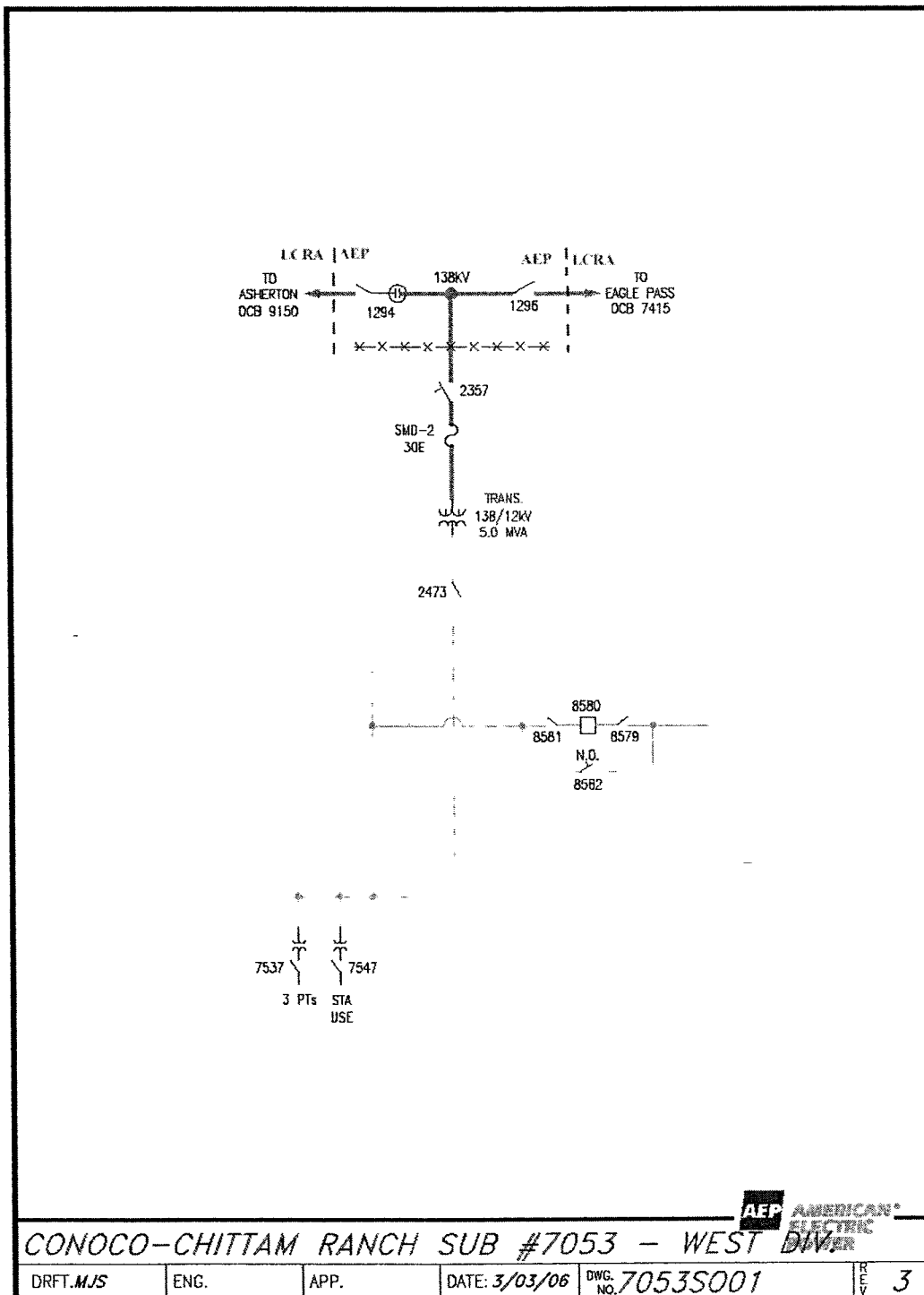
- AEP controls and operates the Conoco Chittam Ranch Substation, including all facilities within it.
- AEP controls and operates the Conoco Chittam Ranch Tap and all transmission lines that terminate into the tap.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

None



FACILITY SCHEDULE NO. 27

1. Name: **Pueblo**
2. Location: The Pueblo Substation is located near Eagle Pass, Texas in Maverick County. There are two Points of Interconnection at the Pueblo Substation. One is at the termination of the 138 kV transmission line from the Conoco Chittam Ranch Tap and the other is at the termination of the 138 kV transmission line from the Escondido Switching Station. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: Yes
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Pueblo Substation and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- a four-wire RTU communication circuit from the station to the AEP control center
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission lines from the Conoco Chittam Ranch Tap and Escondido Switching Station
- the following transmission line(s) comprised of easements, structures, conductors, insulators, shield wires and connecting hardware:
 - Pueblo to Conoco Chittam Ranch Tap 138 kV transmission line
 - Pueblo to Escondido 138 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

- AEP controls and operates the Pueblo Substation, including all facilities within it.
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.

FACILITY SCHEDULE NO. 28

1. Name: **Escondido Switching Station**
2. Location: The Escondido Switching is located in Eagle Pass, Texas in Maverick County. The Point of Interconnection is at the termination of the 138 kV transmission line from the Pueblo Substation where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
3. Delivery Voltage: 138 kV
4. Metered Voltage: 138 kV
5. Normal Operation of Interconnection: Closed
6. One-Line Diagram Attached: No
7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Escondido Switching Station and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware:
 - Escondido to Hamilton Road 138 kV transmission line
- a four-wire RTU communication circuit from the station to the AEP control center
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission line from the Pueblo station
- the following transmission line(s) comprised of easements, structures, conductors, insulators, shield wires and connecting hardware:
 - Escondido to Pueblo 138 kV transmission line

8. Facility Operation and Maintenance Responsibilities of the Parties:

- AEP controls and operates the Escondido Switching Station, including all facilities within it.