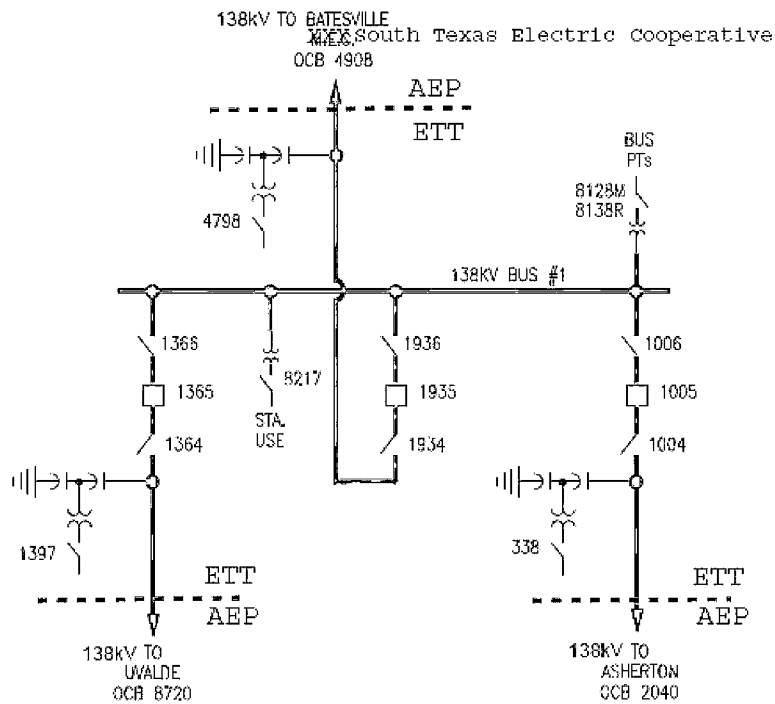


10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 19 (continued)
One-Line Diagram

GPS LOCATION:
N28* 58.3 / W99* 43.2



FACILITY SCHEDULE NO. 20

1. **Name:** **Citgo West**
2. **Facility Location:** The Citgo West Substation (“Substation”) is located approximately 1 mile west of the intersection of I-37 and Hwy 358 in Corpus Christi, Nueces County, Texas. The Point of Interconnection at the Substation is located at the Substation dead-end structure that terminates the 138 kV transmission line from the Weil Tract substation. More specifically, where the jumper conductors from the Substation equipment physically contact the connectors on the 138 kV transmission line conductors from the Weil Tract substation.
3. **Delivery Voltage:** 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - a. **ETT agrees that it owns the following facilities:**
 - i. the 138 kV transmission line from the Substation to the Weil Tract substation including the Optical Ground Wire (“OPGW”)
 - ii. entrance OPGW cable into and fiber distribution panel within the control house
 - b. **AEP agrees that it owns the following facilities:**
 - i. the following transmission facilities within the Substation that are not owned by Citgo:
 - A. the 138 kV breakers (535, 665 and 4325)
 - B. the 138 kV switches (727, 847, 664, 666, 4324, 4326, 526, 524, 536, 534 and 967)
 - C. one (1) Substation remote terminal unit (RTU)
7. **Facility Operation Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Party:**

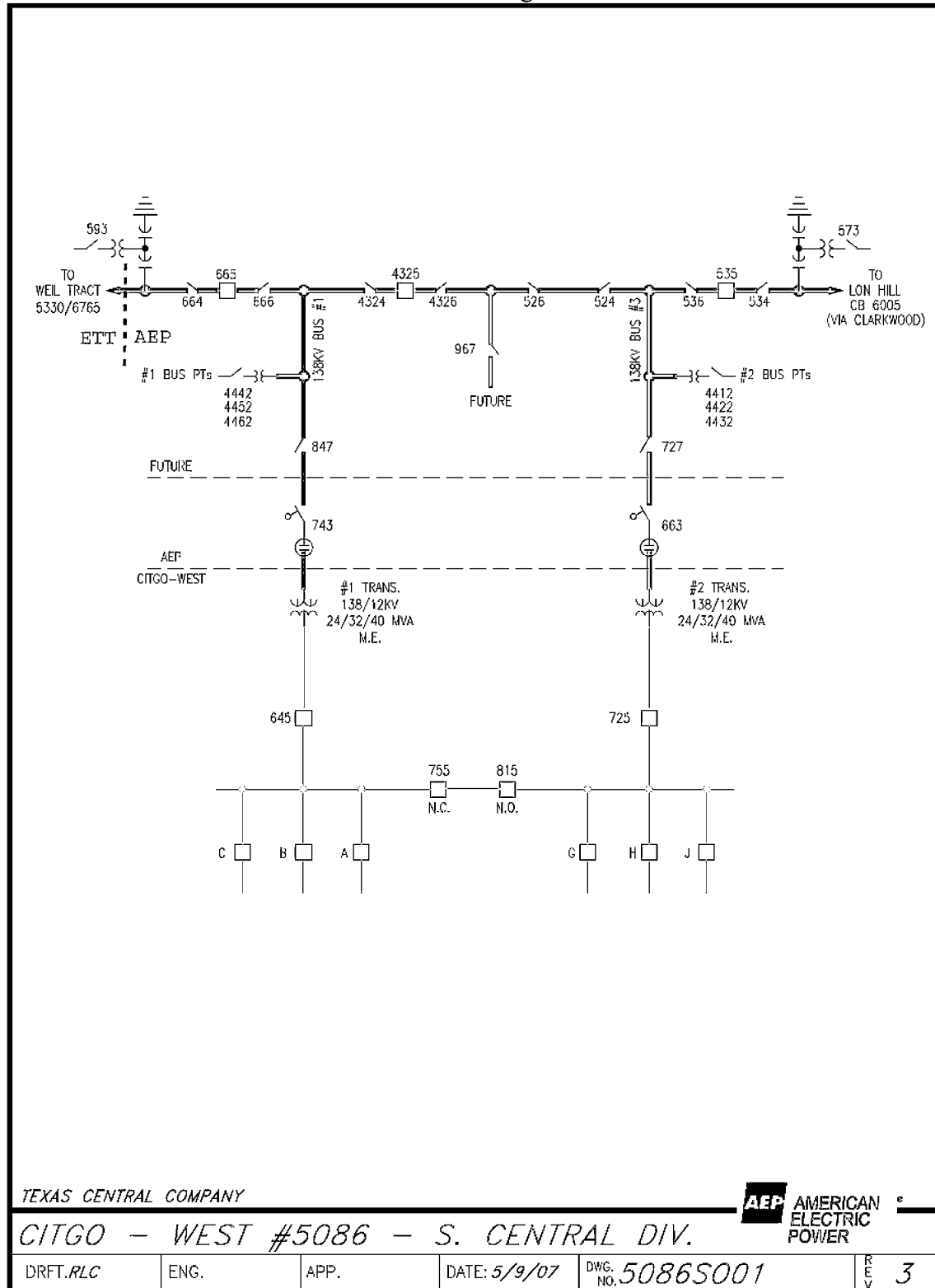
Each Party is responsible for the maintenance of the facilities it owns.
9. **Cost Responsibilities of the Parties:**

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 20 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 21

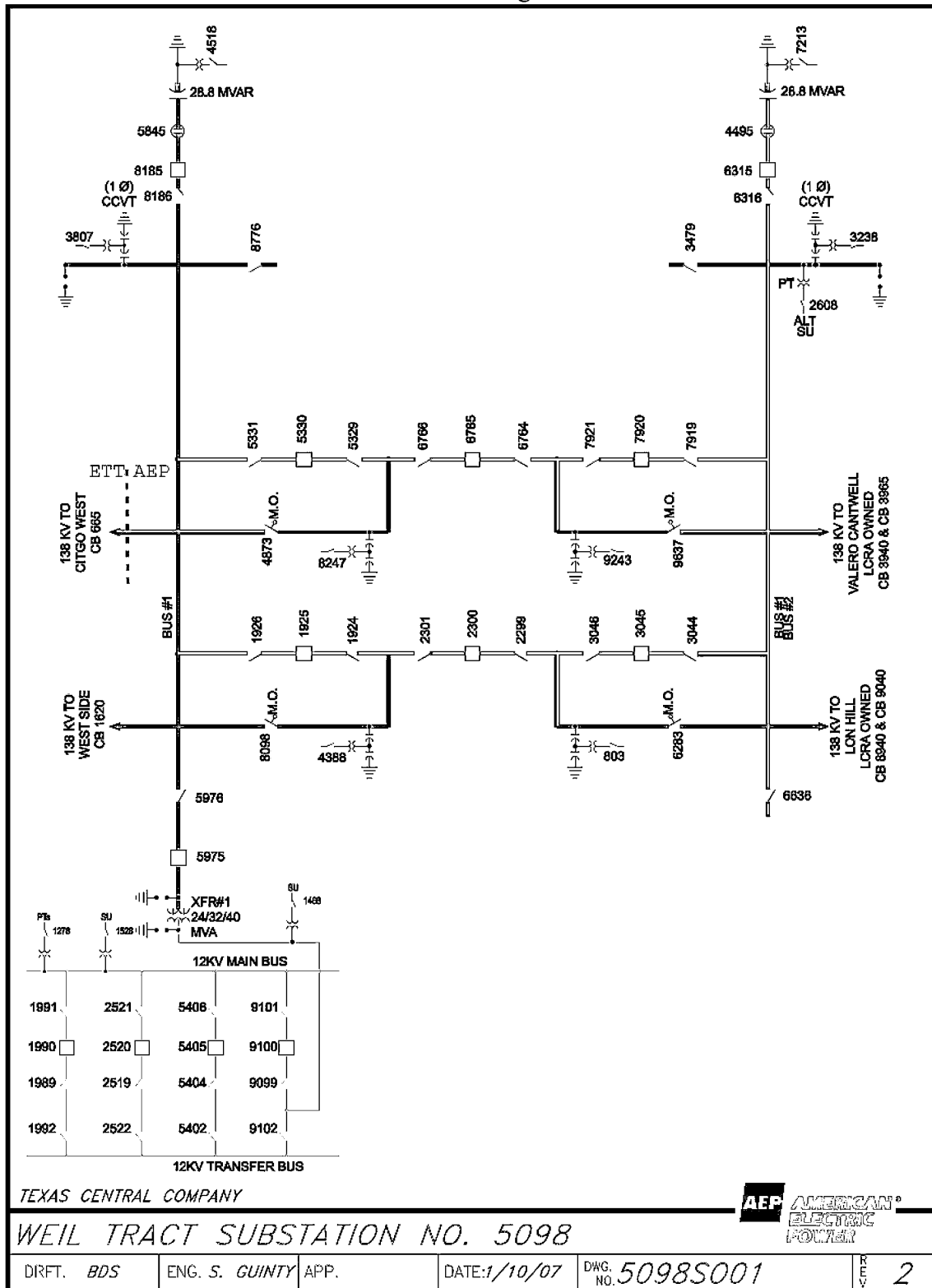
1. **Name:** Weil Tract
2. **Facility Location:** The AEP Weil Tract Substation ("AEP Substation") is located at 300 Corn Products Rd in Corpus Christi, Nueces County, Texas. The Point of Interconnection at the AEP Substation is at the AEP Substation dead-end structure that terminates the 138 kV transmission line from the Citgo West substation where the jumper conductors from the AEP Substation equipment physically contact the connectors on the 138 kV transmission line conductors from the Citgo West substation.
3. **Delivery Voltage:** 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - a. **ETT agrees that it owns the following facilities:**
 - i. the 138 kV transmission line from the AEP Substation to the Citgo West substation including the Optical Ground Wire ("OPGW")
 - ii. entrance OPGW cable into and fiber distribution panel within the control house
 - b. **AEP agrees that it owns the following facilities:**
 - i. the AEP Substation including all of the facilities within it
7. **Facility Operation Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

Each Party is responsible for the maintenance of the facilities it owns.
9. **Cost Responsibilities of the Parties:**

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
10. **Other Terms and Conditions:** None

FACILITY SCHEDULE NO. 21 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 22

1. **Name:** **Lon C. Hill**
2. **Facility Location:** The AEP Lon C. Hill Substation ("AEP Substation") is located at 3601 Callicoatte Rd. in the City of Corpus Christi, Nueces County, Texas. There are two (2) Points of Interconnection at the AEP Substation. The Points of Interconnection are located at: 1) the AEP Substation dead-end structure that terminates the ETT 138 kV transmission line from the Hearn's Ferry substation; and 2) the AEP Substation dead-end structure that terminates the ETT 69 kV transmission line from the Koch Upriver Road substation via Hearn Road. More specifically, where the AEP jumper conductors from the AEP Substation equipment physically contact the connectors on the ETT transmission line conductors.
3. **Delivery Voltage:** 69 kV and 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - a. **ETT agrees that it owns the following facilities:**
 - i. The 69 kV conductors and static wires on approximately 5.7 miles of 138/69 kV double circuit transmission structures (structures included) and approximately 1.2 miles of single circuit transmission structures (structures included) from the AEP Substation to the Koch Upriver substation via Hearn Road
 - ii. The 138kV conductors and static wires on approximately 5.7 miles of 138/69 kV double circuit transmission structures (structures included) and approximately 0.5 miles on single circuit transmission structures (structures included) from the AEP Substation to the Hearn's Ferry substation
 - b. **AEP agrees that it owns the following facilities:**
 - i. the AEP Substation and all of the facilities within it
 - ii. the jumpers that connect to the ETT transmission lines
7. **Facility Operational Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

Each Party is responsible for the maintenance of the facilities it owns.
9. **Cost Responsibilities of the Parties:**

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. **Other Terms and Conditions:** None

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TEXAS CENTRAL COMPANY

APPD BY : SPC DR. BY : KJO

CH. BY : SPC

DATE : 03/26/10

1 RIVERSIDE PLAZA COLUMBUS, OH 43215

Work Order #:

41275343

ONE LINE DIAGRAM SWITCHING ONE LINE

DWG. No. 5079SO02 REV 15

138/12KV

TEXAS CENTRAL COMPANY

LON HILL SUBSTATION NO. 5079

138KV BUS #1

138KV BUS #2

138KV BUS #3

138KV BUS #4

138KV BUS #5

138KV BUS #6

138KV BUS #7

138KV BUS #8

138KV BUS #9

138KV BUS #10

138KV BUS #11

138KV BUS #12

138KV BUS #13

138KV BUS #14

138KV BUS #15

138KV BUS #16

138KV BUS #17

138KV BUS #18

138KV BUS #19

138KV BUS #20

138KV BUS #21

138KV BUS #22

138KV BUS #23

138KV BUS #24

138KV BUS #25

138KV BUS #26

138KV BUS #27

138KV BUS #28

138KV BUS #29

138KV BUS #30

138KV BUS #31

138KV BUS #32

138KV BUS #33

138KV BUS #34

138KV BUS #35

138KV BUS #36

138KV BUS #37

138KV BUS #38

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138KV BUS #40

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138KV BUS #198

138KV BUS #199

138KV BUS #200

138KV BUS #201

138KV BUS #202

138KV BUS #203

138KV BUS #204

138KV BUS #205

138KV BUS #206

138KV BUS #207

138KV BUS #208

138KV BUS #209

138KV BUS #210

138KV BUS #211

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138KV BUS #213

138KV BUS #214

138KV BUS #215

138KV BUS #216

138KV BUS #217

138KV BUS #218

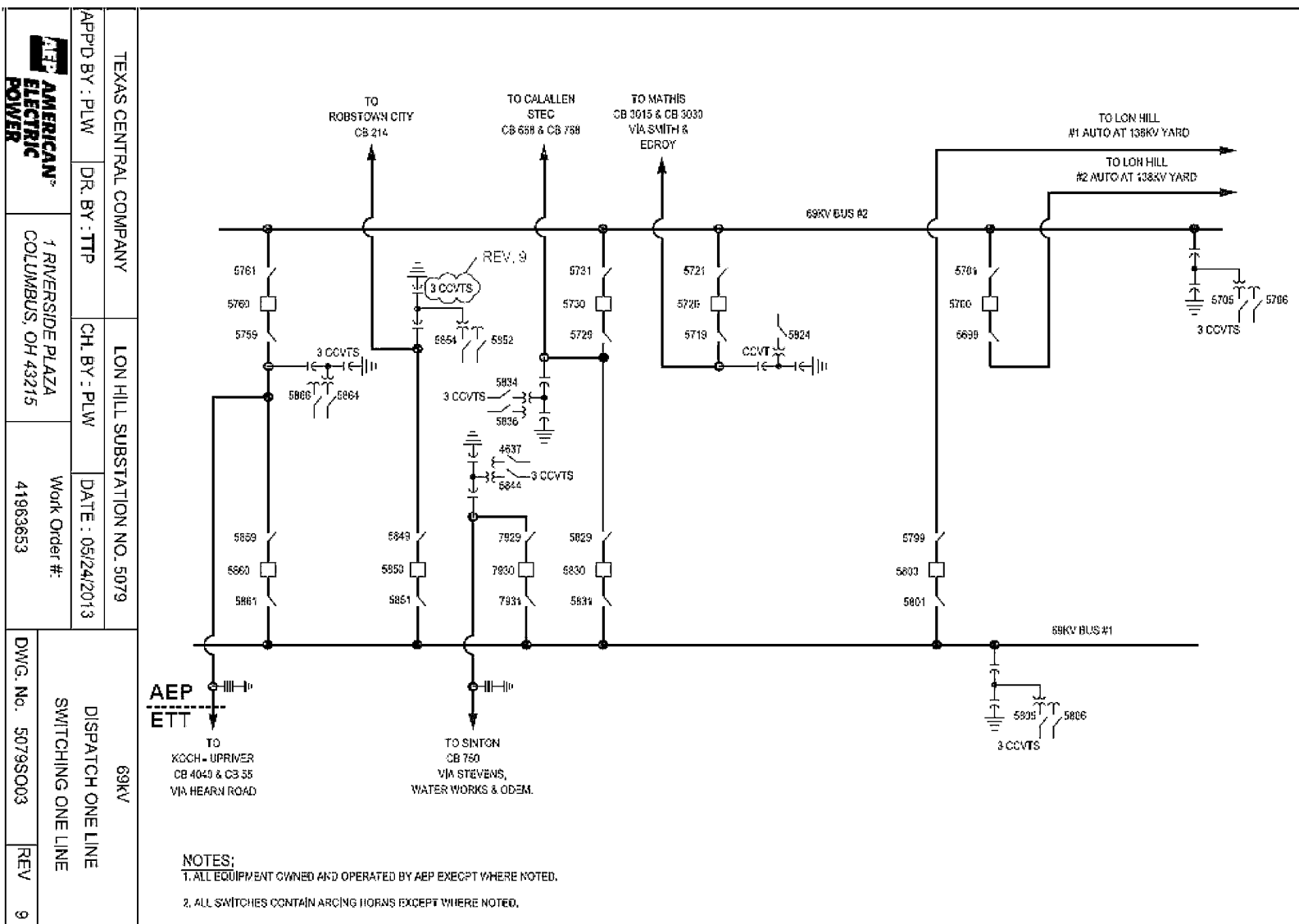
138KV BUS #219

138KV BUS #220

138KV BUS #221

13

FACILITY SCHEDULE NO. 22 (continued) **One-Line Diagram**



FACILITY SCHEDULE NO. 23

1. **Name:** **Hearns Ferry**
 2. **Facility Location:** The Hearns Ferry Substation (“Substation”) is located at 12301 Hearn Rd in Corpus Christi, Nueces County, Texas. There are two (2) Points of Interconnection at the Substation. The Points of Interconnection are located at: 1) the AEP dead-end structure within the Substation that terminate the 138 kV transmission line from the Lon C. Hill substation; and 2) the AEP dead-end structure within the Substation that terminate the 138 kV transmission line from the Koch Upriver Road substation. More specifically, where the AEP jumper conductors from the AEP transmission facilities within the Substation physically contact the connectors on the ETT 138 kV transmission line conductors.
 3. **Delivery Voltage:** 138 kV
 4. **Normal Operation of Interconnection:** Closed
 5. **One-Line Diagram Attached:** Yes
 6. **Facility Ownership Responsibilities of the Parties:**
 - a. **ETT agrees that it owns the following facilities:**
 - i. 138 kV conductors and static wires on approximately 5.7 miles of 138/69 kV double circuit transmission structures (structures included) and approximately 0.5 miles on single circuit transmission structures (structures included) from the Lon C. Hill substation
 - ii. 138 kV conductors and static wires on the 138/69kV double circuit transmission structures (structures included) from the Koch Upriver substation
 - b. **AEP agrees that it owns the following facilities within the Substation*:**
 - i. The dead-end structures within the Substation that terminate both 138 kV transmission line
 - ii. one (1) Substation remote terminal unit (RTU)
 - iii. 138 kV metering facilities
- *Note: The Substation is owned by a retail customer of AEP**
7. **Facility Operational Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.
 8. **Facility Maintenance Responsibilities of the Parties:**

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

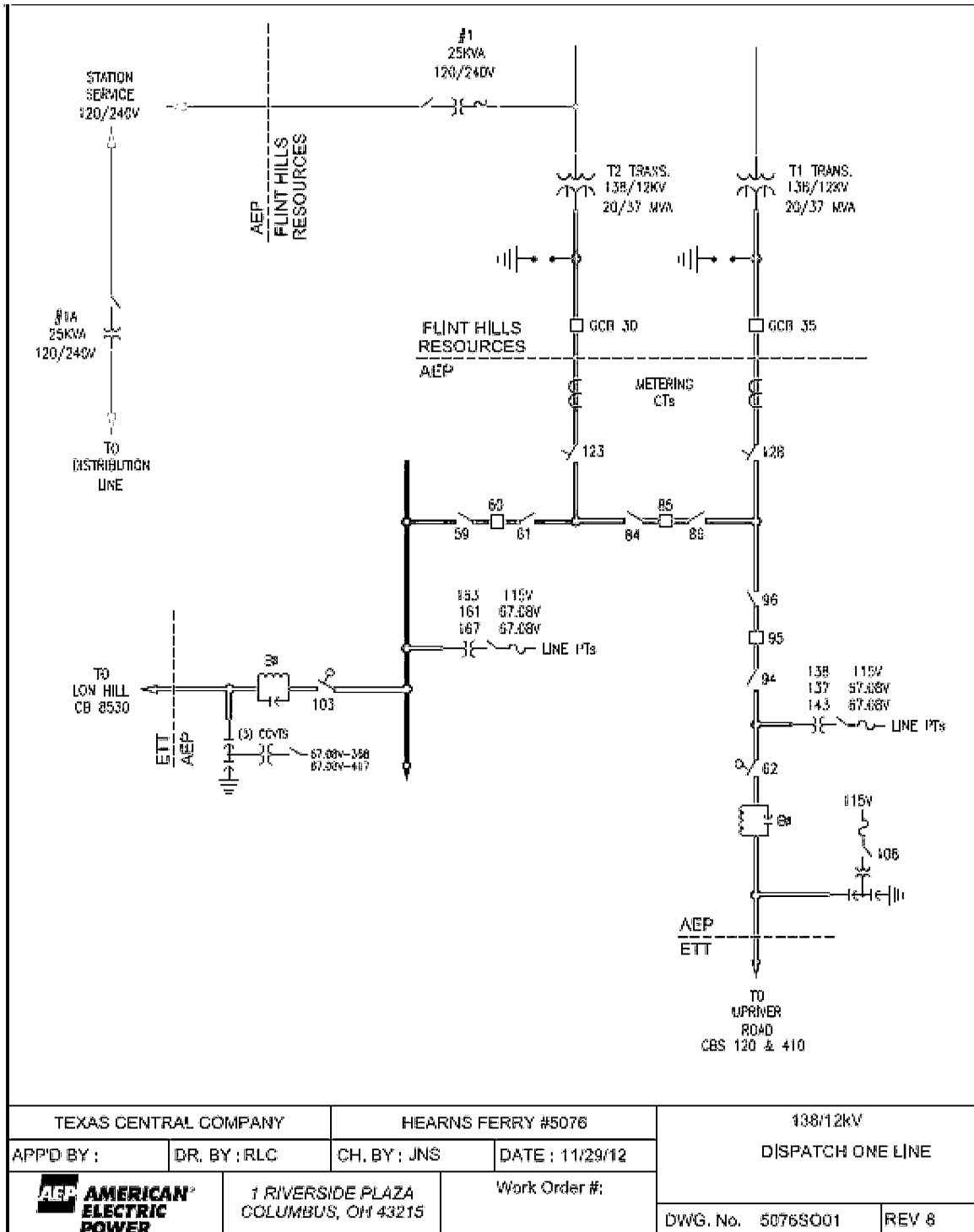
9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 23 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 24

1. **Name:** **Koch Upriver Road**
2. **Facility Location:** The Koch Upriver Road Substation (“Substation”) is located at 8214 Upriver Road and Tuloso Road in Corpus Christi, Nueces County, Texas. There are three (3) Points of Interconnection within the Substation. The Points of Interconnection are located at: 1) the AEP dead-end structure within the Substation that terminate the 138 kV transmission line from the Hearn’s Ferry substation; 2) the AEP dead-end structure that terminates the 69 kV transmission line from the Lon C. Hill substation via Hearn Road; and 3) the AEP dead-end structure within the Substation that terminate 69 kV transmission line from the Valero West substation. More specifically, where the AEP jumper conductors from the AEP transmission facilities physically contact the connectors on the ETT transmission lines’ conductors.
3. **Delivery Voltage:** 138 kV and 69 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. the 138 kV and 69 kV conductors and static wires on the 138/69 kV double circuit transmission structures (structures included) from the Hearn’s Ferry substation
 - ii. the 69 kV transmission line from the Valero West substation
 - 6.2 **AEP agrees that it owns the following facilities within the Substation*:**
 - i. all the transmission facilities within the Substation that are not owned by a retail customer of AEP as indicated on the attached one-line diagram
 - ii. one (1) Substation remote terminal unit (RTU)
 - iii. the 138 kV meter and metering facilities within the Substation
 - iv. two (2) 69 kV meter and metering facilities within the Substation

***Note: The Substation is owned by a retail customer of AEP.**
7. **Facility Operation Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

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

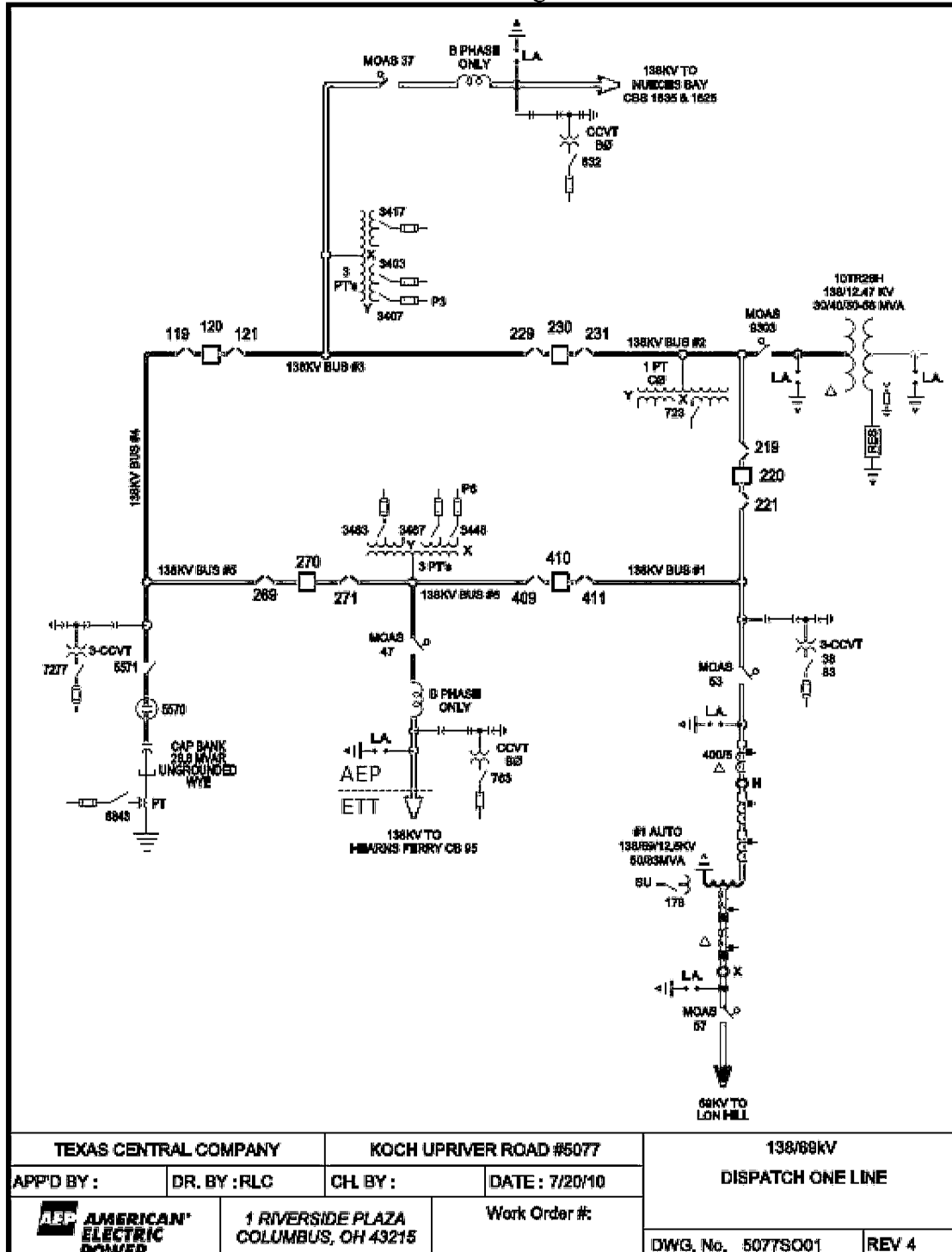
9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

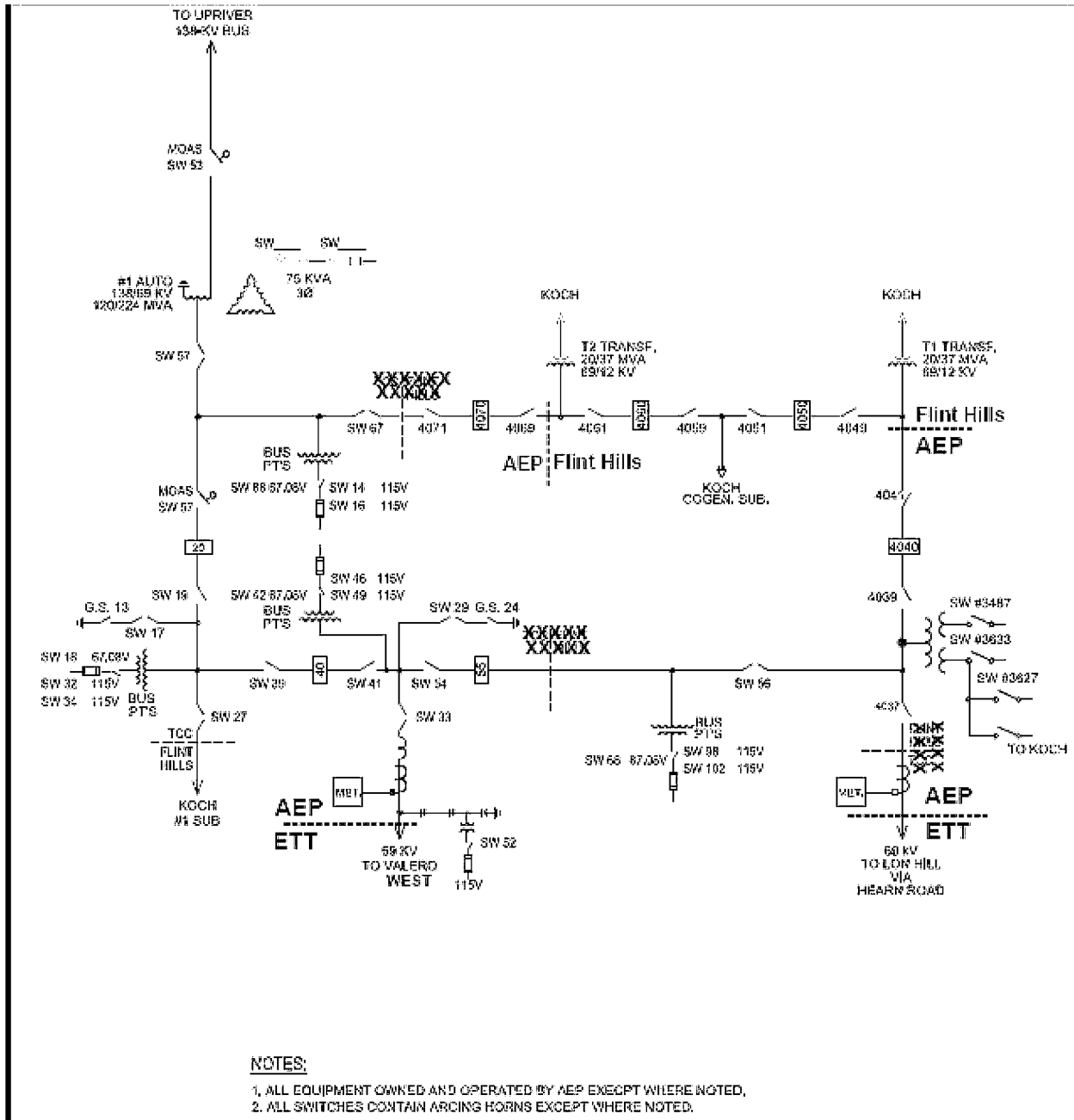
10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 24 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 24 (continued) One-Line Diagram



APP'D BY :		DR. BY :		CH. BY :		DATE :	
AEP AMERICAN [®] ELECTRIC POWER		1 RIVERSIDE PLAZA COLUMBUS, OH 43215		Work Order #:		DWG. No.	
						REV	

FACILITY SCHEDULE NO. 25

1. **Name:** Valero West
2. **Facility Location:** The Valero West Substation (“Substation”) is located at 6560 Upriver Road in the City of Corpus Christi, Nueces County, Texas. There are two (2) Points of Interconnection located at the Substation dead-end structures that terminate: 1) the ETT 69 kV transmission lines from the Koch Upriver Road substation; and 2) the ETT 69 kV transmission lines from the Valero East substation. More specifically, the Points of Interconnection is where the AEP jumper conductors from the Substation equipment physically contact the connectors on the ETT 69 kV transmission lines’ conductors.
3. **Delivery Voltage:** 69 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. the 69 kV transmission line from the Substation to the Koch Upriver Road substation
 - ii. the 69 kV transmission line from the Substation to the Valero East substation
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. the transmission facilities within the Substation that are not owned by a retail customer of AEP
 - ii. one (1) Substation remote terminal unit (RTU)
 - iii. 69 kV meter and metering facilities within the Substation
 - iv. the jumper conductors at the dead-end structures that connect to ETT’s transmission lines
 - v. the 69 kV dead-end structures that terminate ETT’s transmission lines
7. **Facility Operation Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

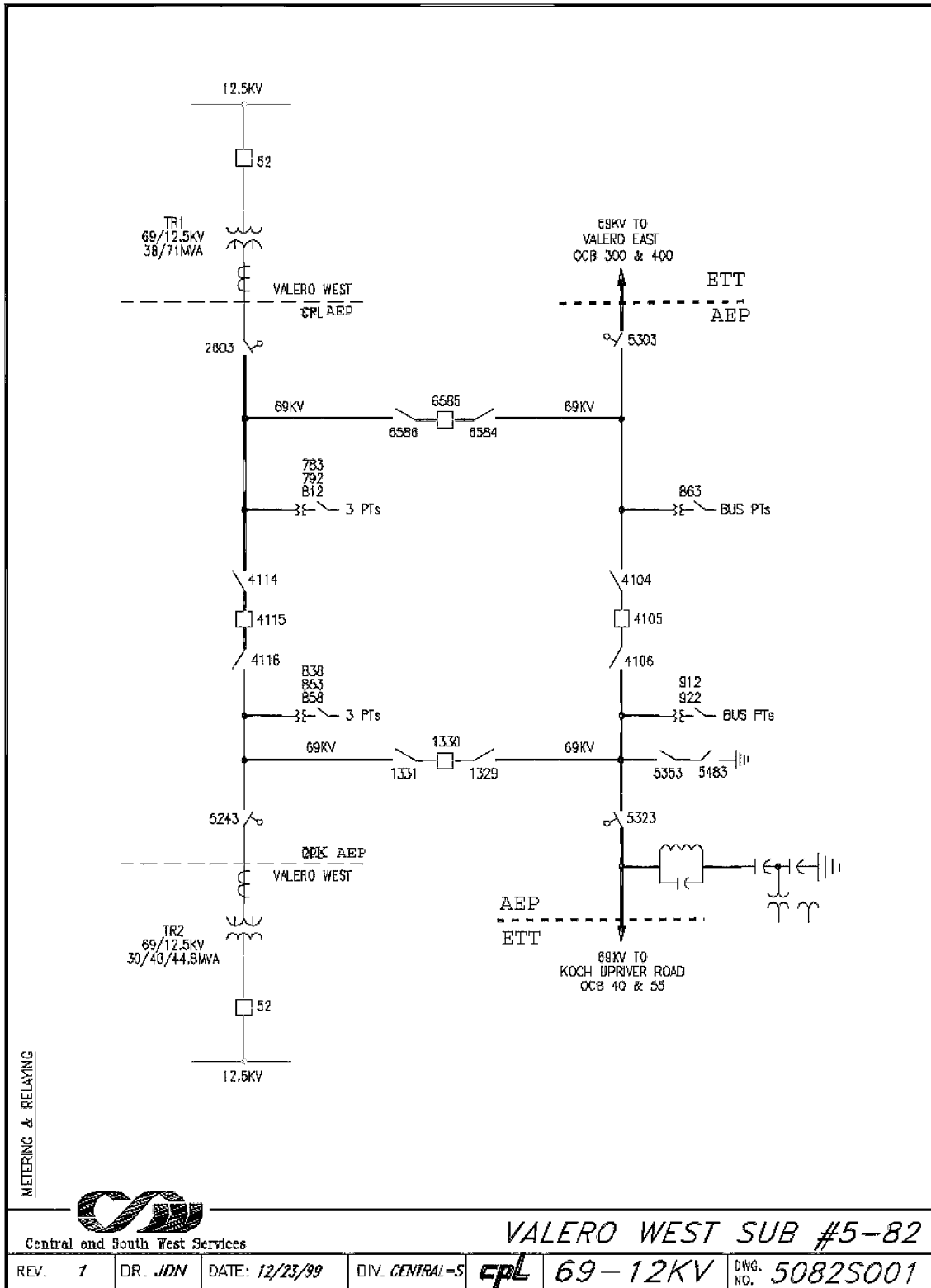
Each Party is responsible for the maintenance of the facilities it owns.
9. **Cost Responsibilities of the Parties:**

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 25 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 26

1. **Name:** **Valero East**
2. **Facility Location:** The Valero East Substation (“Substation”) is located at 6560 Up River Rd in Corpus Christi, Nueces County, Texas. There are two (2) Points of Interconnection at the Substation. The Points of Interconnection are located at: 1) the dead-end structures within the Substation that terminate the 69 kV transmission line from the Valero West substation; and 2) the dead-end structures within the Substation that terminate the 69 kV transmission line from the Highway 9 substation. More specifically, the Points of Interconnection is where the AEP jumper conductors from the Substation transmission facilities physically contact the connectors on the ETT 69 kV transmission lines’ conductors.
3. **Delivery Voltage:** 69 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. the 69 kV transmission line from the Valero East substation
 - ii. the 69 kV transmission line from the Highway 9 substation
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. all of the transmission facilities within the Substation that are not owned by a retail customer of AEP
 - ii. one (1) Substation remote terminal unit (RTU)
 - iii. the 69 kV meter and metering facilities within the AEP Substation
 - iv. the jumper conductors at the dead-end structures that connect to ETT’s transmission lines
 - v. the 69 kV dead-end structures that terminate ETT’s transmission lines
7. **Facility Operation Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

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

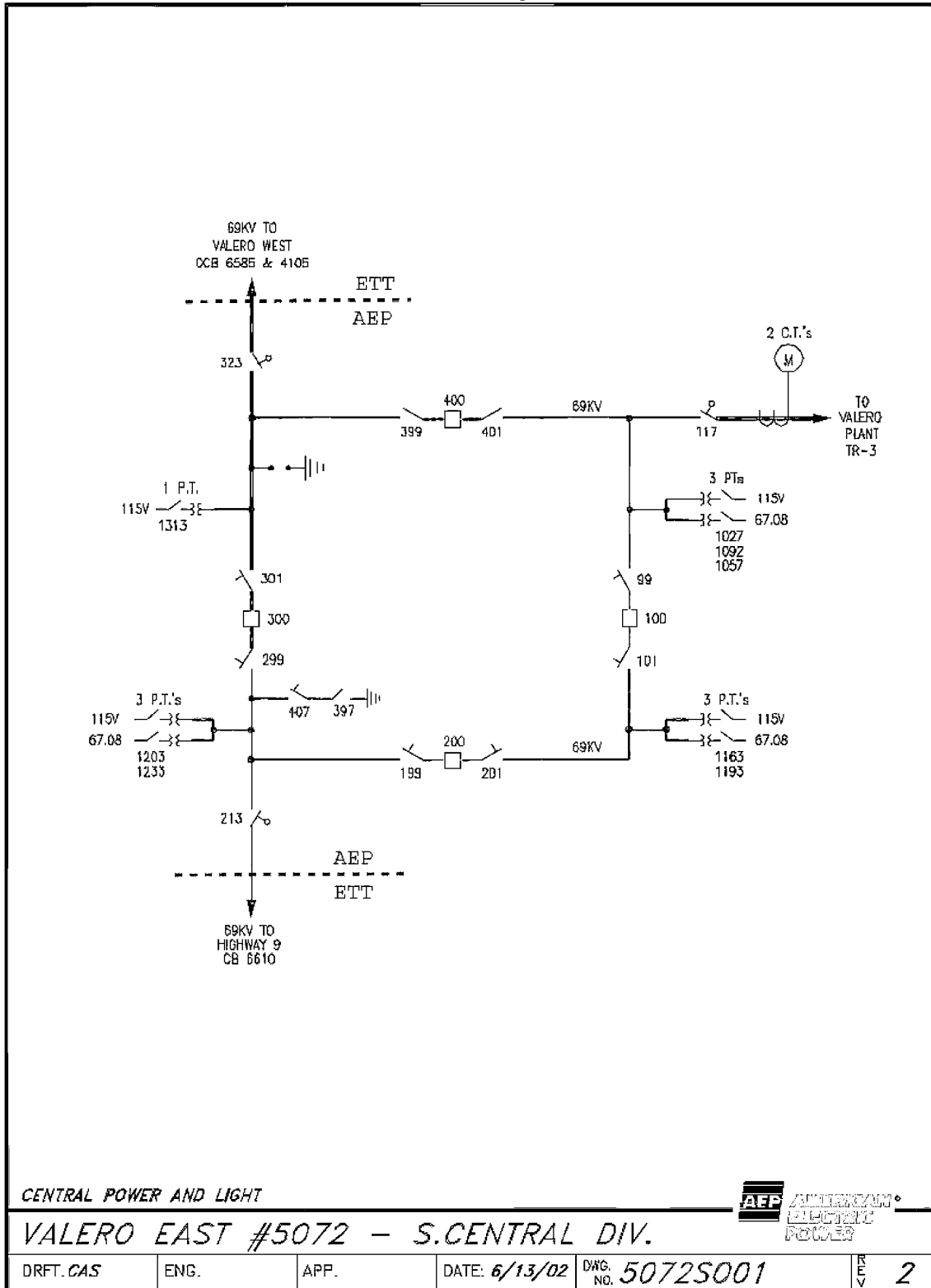
9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 26 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 27

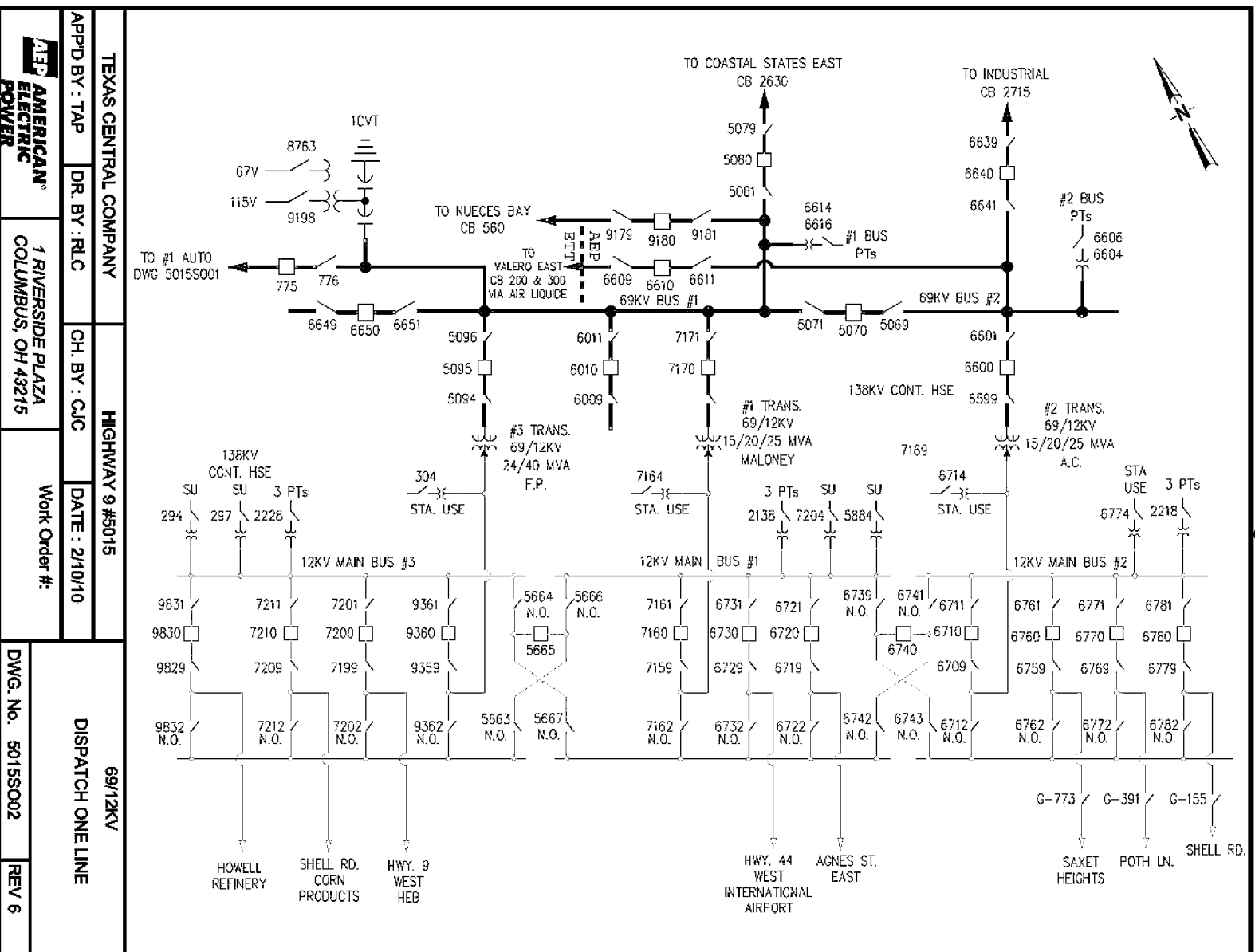
1. **Name:** Highway 9
2. **Facility Location:** The AEP Highway 9 Substation (“AEP Substation”) is located at 4509 Leopard St. in Corpus Christi, Nueces County, Texas. The Point of Interconnection at the AEP Substation is at the AEP Substation dead-end structure that terminates the ETT 69 kV transmission line from the Valero East substation where the AEP jumper conductors from the AEP Substation equipment physically contact the connectors on the ETT 69 kV transmission line conductors.
3. **Delivery Voltage:** 69 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. the 69 kV transmission line from the Valero East substation
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. the AEP Substation and all the facilities within it
 - ii. the dead-end structure within the AEP Substation
 - iii. the jumper conductors at the dead-end structures that connect to ETT’s transmission lines
7. **Facility Operation Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

Each Party is responsible for the maintenance of the facilities it owns.
9. **Cost Responsibilities of the Parties:**

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
10. **Other Terms and Conditions:** None

FACILITY SCHEDULE NO. 27 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 28

1. **Name:** Nueces Bay
2. **Facility Location:** The 69 kV and 138 kV ETT Nueces Bay Substation (“ETT Substation”) is located in Nueces County, at 2002 Navigation Blvd in Corpus Christi, Texas. There are three (3) Points of Interconnection at the ETT Substation located at 1) the dead-end structure within the 138 kV ETT Substation that terminate the AEP 138 kV transmission line from the Morris Street substation, and 2) the dead-end structure within the 138 kV ETT Substation that terminate the AEP 138 kV transmission line from the Whitepoint substation, and 3) the dead-end structure within the 69 kV ETT Substation that terminate the AEP 69 kV transmission line from the Industrial substation. More specifically, where the jumper conductors from the ETT Substation equipment physically contact the connectors on the AEP transmission lines’ conductors.
3. **Delivery Voltage:** 138 kV and 69 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facilities Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - A. the 69 kV and 138 kV ETT Substations and all the facilities within them, including dead-end structures, except for the facilities identified in Section 6.B below
 - B. the property, including perimeter fencing
 - C. the 138 kV transmission tie line to the Nueces Bay WLE, LP Unit No. 7 generator step-up transformer of the Nueces Bay WLE Energy Center
 - D. 138 kV transmission line between the 69 kV and 138 kV ETT Substations excluding the structures, static wires, Optical Ground Wire (“OPGW”) and OPGW entrance cables in each substation
 - E. all protective, metering, or control facilities and equipment within the 138 kV ETT Substation and the 69 kV ETT Substation not functioning exclusively as protective, metering, or control devices for, or in support of the operation or maintenance of distribution facilities and equipment
 - 6.2 **AEP agrees that it owns the following facilities:**
 - A. the 138 kV transmission line to the Morris Street substation
 - B. the 138 kV transmission line to the Whitepoint substation
 - C. the 69 kV transmission line to the Industrial substation
 - D. one (1) RTU within the 69 kV ETT Substation
 - E. the following facilities within the subsurface ground grid boundary of the 69 kV ETT Substation:
 - i. station service transformer if energized by distribution facilities
 - ii. instrument transformers if energized by distribution facilities
 - iii. ground grid

- iv. foundations
 - v. cable tray, trench or raceway or conduit bank
 - vi. lighting
 - vii. lightning rods and statics
 - viii. spill prevention and retention facilities
- F. all structures including static wires and OPGW between the 138 kV ETT Substation and the 69 kV ETT Substation on which are located the 138 kV transmission tie conductors between the 138 kV ETT Substation and the 69 kV ETT Substation and the conductors that comprise the 69 kV transmission line to the Industrial substation

7. Facility Operation Responsibilities of the Parties:

Each Party controls and operates all the facilities it owns.

8. Facility Maintenance Responsibilities of the Parties:

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

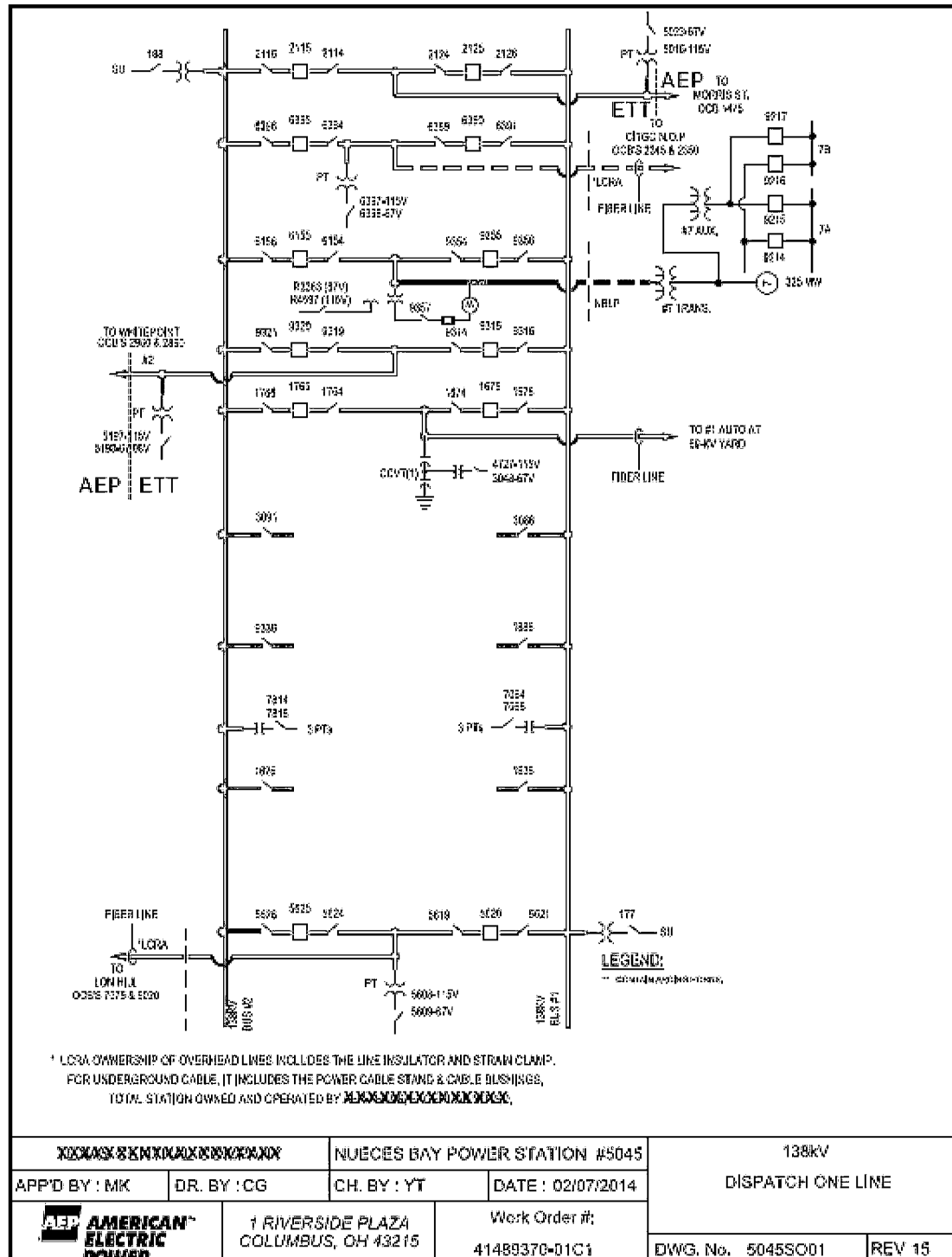
9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

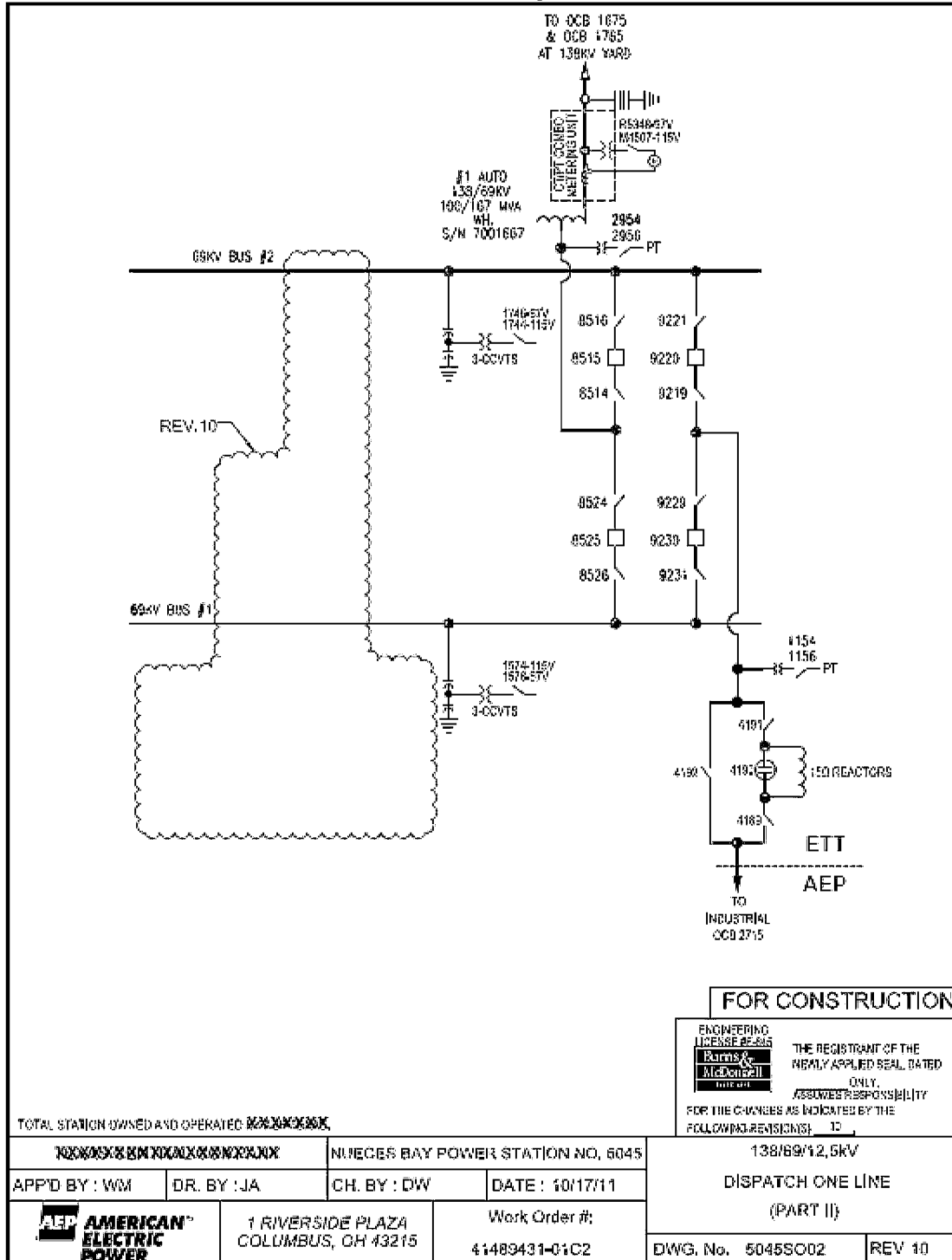
10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 28 (continued)
One-Line Diagram



One-Line Diagram



FACILITY SCHEDULE NO. 29

1. **Name:** **Laguna**
2. **Facility Location:** The AEP Laguna Substation ("AEP Substation") is located in Nueces County, at 498 Husslin Hornet Corpus Christi, Texas. The Point of Interconnection is located at the AEP 69/12.5 kV high-side bushings of the distribution transformer.
3. **Delivery Voltage:** 69 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. all the transmission facilities within the AEP Substation, including dead-end structures
 - ii. all protective, metering, or control facilities and equipment within the AEP Substation not functioning exclusively as protective, metering, or control devices for, or in support of the operation or maintenance of distribution facilities and equipment
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. all distribution facilities within the AEP Substation
 - ii. the 69/12.5 kV distribution transformers
 - iii. the high side bushings of the 69/12.5 kV distribution transformer
 - iv. all facilities and equipment functioning exclusively as protective, metering, or control devices for, or in support of the operation or maintenance of distribution facilities and equipment except for the circuit switcher
 - v. the AEP Substation property, including perimeter fencing, as well as the control house structure within the AEP Substation
 - vi. one (1) remote terminal unit (RTU) within the AEP Substation
 - vii. one (1) wireless remote communication device
 - viii. the following facilities within the subsurface ground grid boundary of the AEP Substation:
 - a) AEP Substation service transformer if energized by distribution facilities
 - b) instrument transformers if energized by distribution facilities
 - c) ground grid
 - d) foundations
 - e) cable tray, trench or raceway or conduit bank
 - f) lighting
 - g) telecommunication monopole
 - h) spill prevention and retention facilities

7. Facility Operation Responsibilities of the Parties:

Each Party controls and operates all the facilities it owns.

8. Facility Maintenance Responsibilities of the Parties:

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

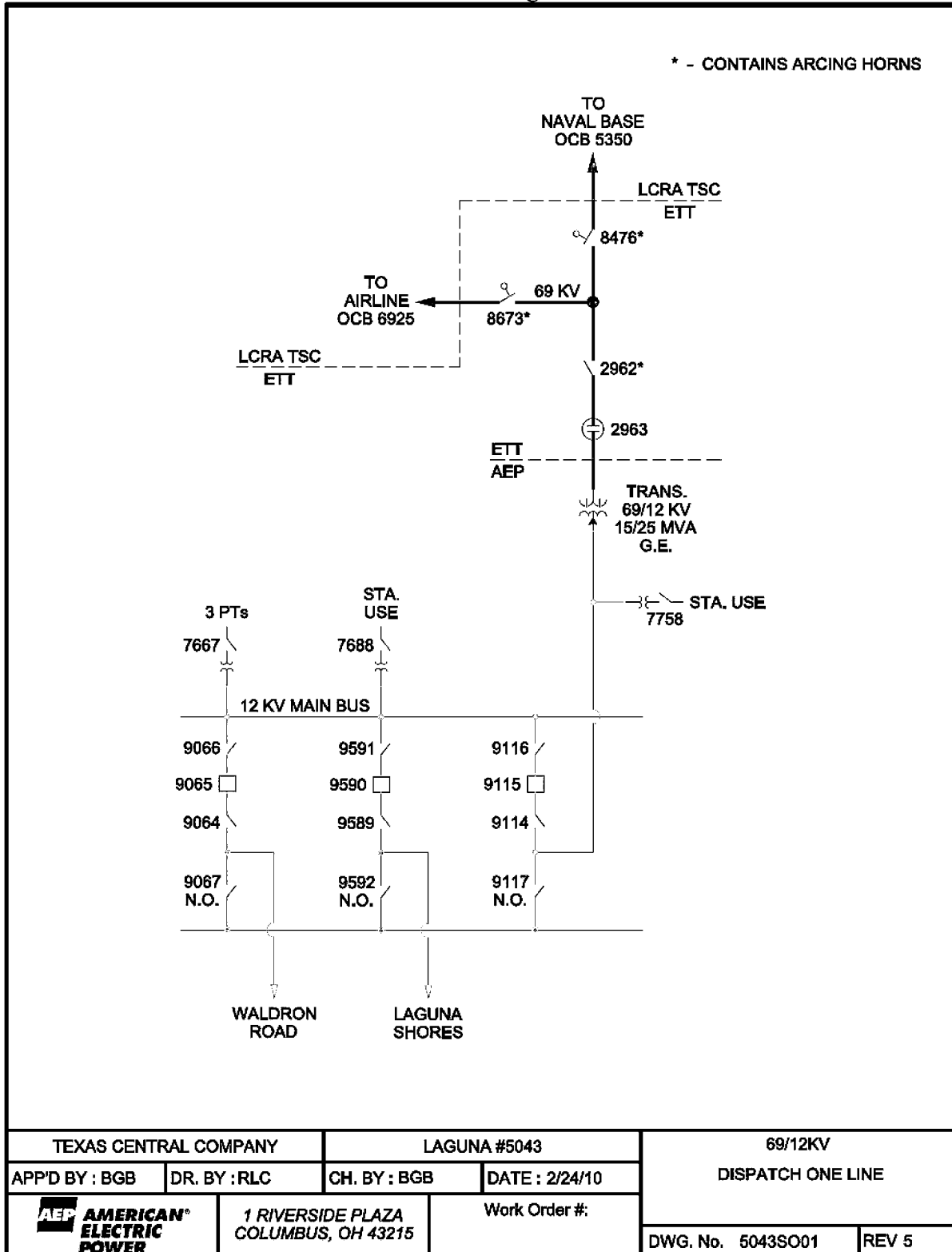
9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 29 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 30

1. **Name:** **McKenzie Road**
2. **Facility Location:** The AEP McKenzie Road Substation (“AEP Substation”) is located in Nueces County at 1501 McKenzie Road, Corpus Christi, Texas. The Point of Interconnection is located at the AEP Substation dead-end structure that terminates the ETT 138 kV transmission line from the Westside substation where the jumper conductors from the AEP Substation equipment physically contact the connectors on the ETT 138 kV transmission line conductors.
3. **Delivery Voltage:** 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. approximately 11.5 miles of three phase 138 kV transmission line conductor and 10.9 miles of structures to the Westside substation

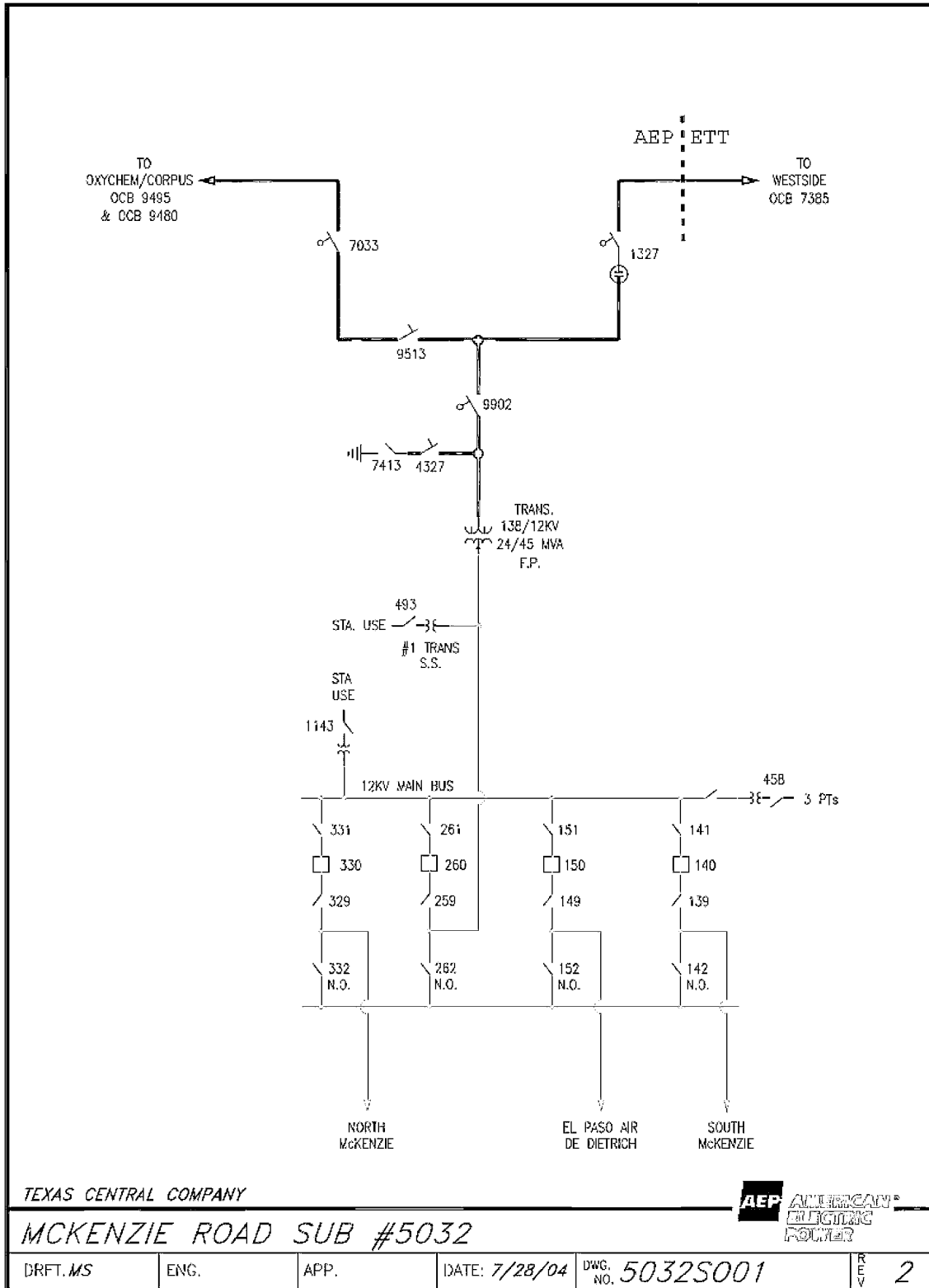
Note: LCRA Transmission Service Corporation owns the structures on approximately 0.6 miles of the line proximate to the AEP Substation
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. the AEP Substation including all of the facilities within it
 - ii. static wire and optical ground wire (OPGW) fiber attached to the structures of the 138 kV transmission line from the Westside substation
 - iii. the 138 kV transmission line to the Oxychem Corpus Christi substation
7. **Facility Operation Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

Each Party is responsible for the maintenance of the facilities it owns.
9. **Cost Responsibilities of the Parties:**

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
10. **Other Terms and Conditions:** None

FACILITY SCHEDULE NO. 30 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 31

1. **Name:** Westside
2. **Facility Location:** The AEP Westside Substation (“AEP Substation”) is located in Nueces County at 1400 Holly Road Corpus Christi, Texas. The Point of Interconnection is located at the dead-end structure within the AEP Substation that terminates the ETT’s 138 kV transmission line from the McKenzie Road substation. More specifically, where the jumper conductors from the AEP Substation equipment physically contact the connectors on the ETT 138 kV transmission line conductors.
3. **Delivery Voltage:** 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. approximately 11.5 miles of three phase 138 kV transmission line conductor and 10.9 miles of structures and static wire to the McKenzie Road substation
 - Note: LCRA Transmission Service Corporation owns the structures on approximately 0.6 miles of the line proximate to the McKenzie Road substation**
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. the AEP Substation including all of the facilities within it
 - ii. static wire and optical ground wire (“OPGW”) fiber attached to the structures of the ETT 138 kV transmission line to the McKenzie Road substation
 - iii. fiber distribution panel associated with the OPGW on the ETT 138 kV transmission line to McKenzie Road substation
 - iv. the 138 kV transmission line to the Airline substation via the Cabaniss substation
 - v. the 138 kV transmission line to the Cantwell substation via the Weil Tract substation
 - vi. the 138 kV transmission line to the Javelina substation via the West Oso substation
 - vii. the 138 kV transmission line to the Morris Street substation
 - viii. the 138 kV transmission line to the Holly substation
 - ix. the 138 kV transmission line to the Arcadia substation
7. **Facility Operation Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.

8. Facility Maintenance Responsibilities of the Parties:

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

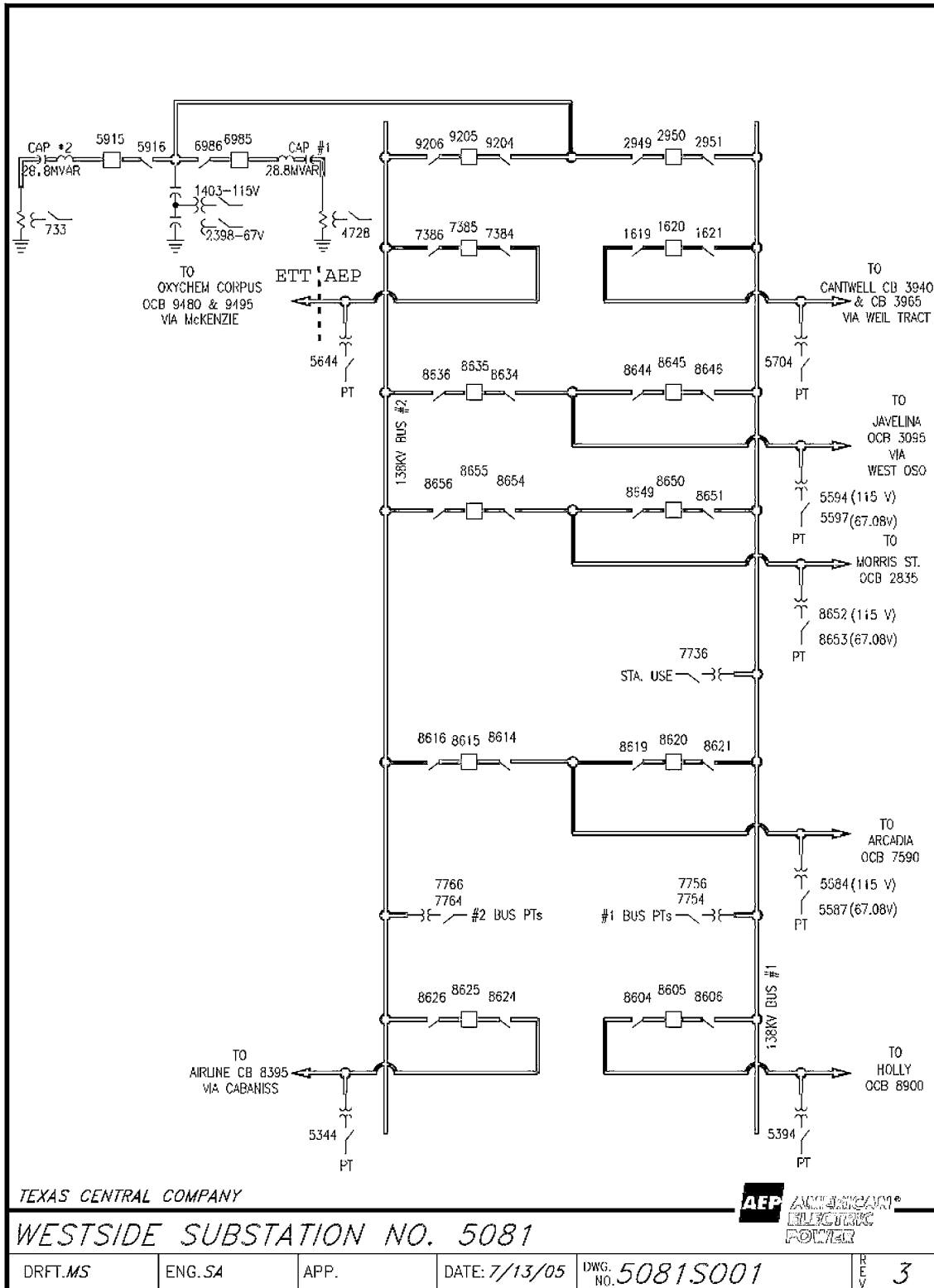
9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 31 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 32

1. **Name:** **Barney M. Davis**
2. **Facility Location:** The ETT Barney M. Davis Substation (“ETT Substation”) is located in Nueces County at 4301 Waldron Road Corpus Christi, Texas. The four (4) Points of Interconnection at the ETT Substation are located at the ETT Substation dead-end structures that terminate 1) the AEP 138 kV transmission line from the Holly substation via the Rodd Field substation, and 2) the AEP (West) 138 kV transmission line from the Airline substation, and 3) the AEP (East) 138 kV transmission line from the Airline substation via the Woolridge substation, and 4) the AEP 138 kV transmission line from the Airline substation via the Pharoah substation. More specifically, where the jumper conductors from the ETT Substation equipment physically contact the connectors on the AEP transmission line conductors.
3. **Delivery Voltage:** 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagrams Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. all transmission facilities within the ETT Substation, including dead-end structures
 - ii. the ETT Substation property, including perimeter fencing, as well as the control house structure within the ETT Substation
 - iii. one (1) remote terminal unit (RTU) within the ETT Substation
 - iv. all protective, metering, or control facilities and equipment in the ETT Substation not functioning exclusively as protective, metering, or control devices for, or in support of the operation or maintenance of distribution facilities and equipment
 - v. Special Protection Scheme (SPS) facilities
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. the 138 kV transmission line to the Holly substation via the Rodd Field substation
 - ii. the (West) 138 kV transmission line to the Airline substation
 - iii. the (East) 138 kV transmission line to the Airline substation via the Woolridge substation
 - iv. the 138 kV transmission line to the Airline substation via the Pharoah substation
 - v. fiber entrance cables and distribution panels that are associated with the Optical Ground Wire (OPGW) fiber to the Rodd Field and Alazan substations
 - vi. the telecommunication multiplex units including associated interface and power equipment
 - vii. monopole antenna structure including associated interface and power equipment

7. Facility Operation Responsibilities of the Parties:

Each Party controls and operates all the facilities it owns.

8. Facility Maintenance Responsibilities of the Parties:

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

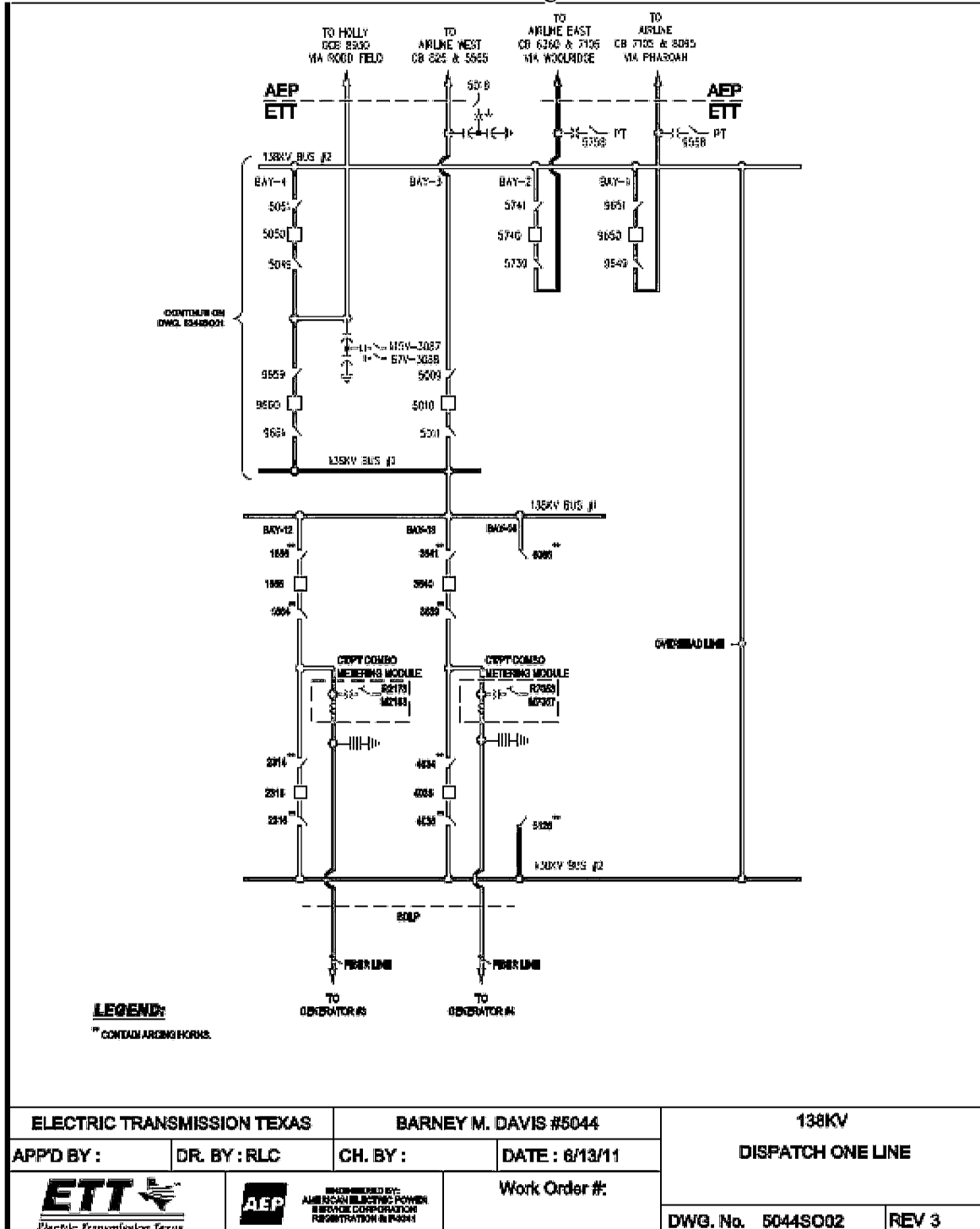
9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 32 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 33

1. **Name:** **La Quinta Switch Station**
2. **Facility Location:** The ETT La Quinta Switch Station ("ETT Station") is located in Webb County, approximately 29 miles east of Laredo, Texas. There are two (2) 138 kV Points of Interconnection at the ETT Station. The Points of Interconnection are located at: 1) the dead-end structure within the ETT Station, where the jumper conductors from the ETT Station equipment connect to the conductors of the AEP 138 kV transmission line from the Lobo switch station; and 2) the dead-end structure within the ETT Station where the jumper conductors from the ETT Station equipment connect to the conductors of the AEP 138 kV transmission line from the Falfurrias substation.
3. **Delivery Voltage:** 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. the ETT Station and all the facilities within it
 - ii. the dead-end structures within the ETT Station
 - iii. the jumpers at the dead-end structures
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. the 138 kV transmission line to the Lobo switch station
 - ii. the 138 kV transmission line to the Falfurrias substation
7. **Facility Operation Responsibilities of the Parties:**

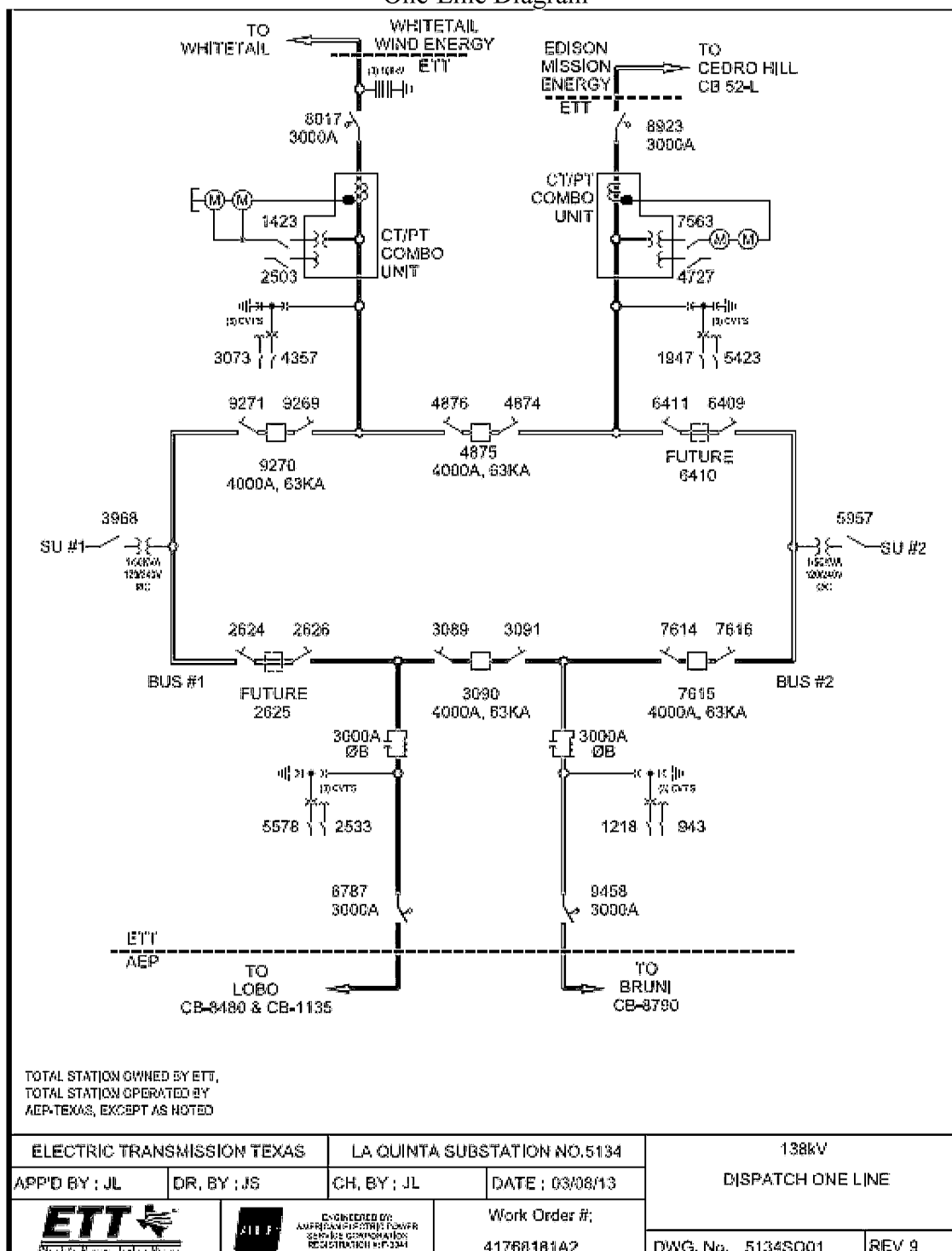
Each Party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

Each Party is responsible for the maintenance of the facilities it owns.
9. **Cost Responsibilities of the Parties:**

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
10. **Other Terms and Conditions:** None

FACILITY SCHEDULE NO. 33 (continued)

One-Line Diagram



FACILITY SCHEDULE NO. 34

1. **Name:** **Kepler**
2. **Facility Location:** The ETT Kepler Substation (“ETT Substation”) will be located (27° 49’ 8.02” N., 97° 30’ 18.02” W.) in Nueces County, 7249 Up River Road, Corpus Christi, Texas. There will be three (3) Points of Interconnection at this location. The three (3) Points of Interconnection are located at: 1) the ETT vertical dead-end structure where the compression dead-end lugs that terminate ETT’s jumpers to AEP’s 69 kV transmission line (L-1); 2) the ETT vertical dead-end structure where the compression dead-end lugs that terminate ETT’s jumpers to AEP’s 69 kV transmission line (L-2); and 3) the terminal lugs on the source side of AEP’s distribution switch serving AEP’s circuit switcher and distribution transformer.
3. **Delivery Voltage:** 69 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it will design, procure, construct, and own the following facilities:**
 - i. the ETT Substation and the facilities within it, except for the facilities identified in Section 6.B below
 - ii. two (2) vertical dead-end structures that terminate AEP’s 69 kV transmission lines (L-1 and L-2) within the ETT Substation
 - iii. the 69 kV jumpers at the dead-end structures
 - iv. the jumpers/bus in and out of the AEP owned 69 kV metering instrument transformers
 - v. the Koch Upriver to Valero West 69 kV transmission line
 - vi. the ETT Substation Control House/Drop in Control Module (“DICM”) and contents, except for facilities identified in Section 6.B.v below
 - vii. the ETT Substation property, fence and subsurface grounding
 - 6.2 **AEP agrees that it will design, procure, construct, and own the following facilities:**
 - i. two (2) sets of 69 kV meters and metering facilities within the ETT Substation
 - ii. the line dead-end insulators at ETT’s vertical dead-end structures within the ETT Substation
 - iii. the two (2) 69 kV transmission lines (L-1 and L-2) to AEP’s customer
 - iv. the distribution facilities within the ETT Substation
 - v. the distribution relay facilities within ETT’s DICM

7. Facility Operation Responsibilities of the Parties:

Each Party controls and operates all the facilities it owns.

8. Facility Maintenance Responsibilities of the Parties:

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

9. Cost Responsibilities of the Parties:

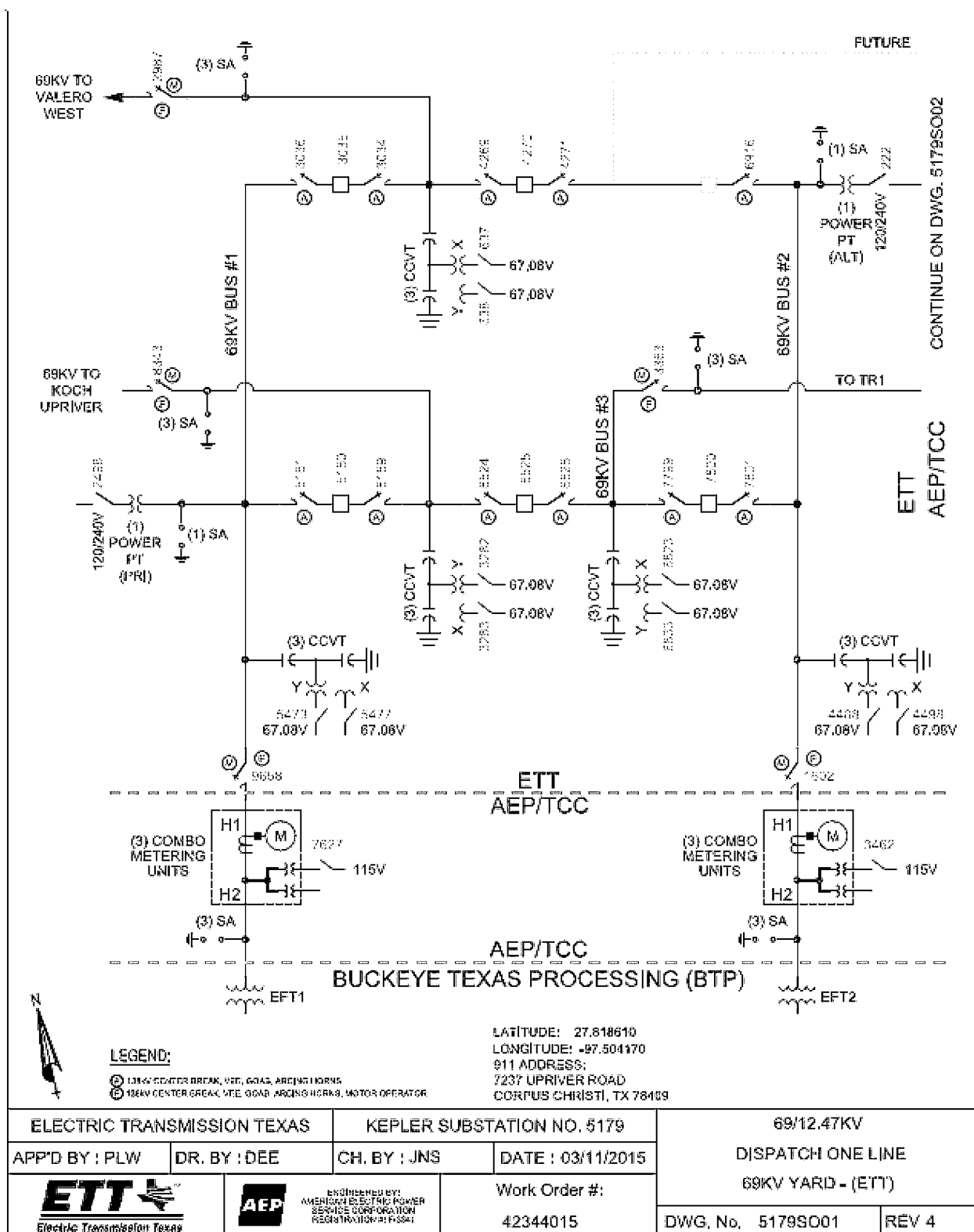
Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions:

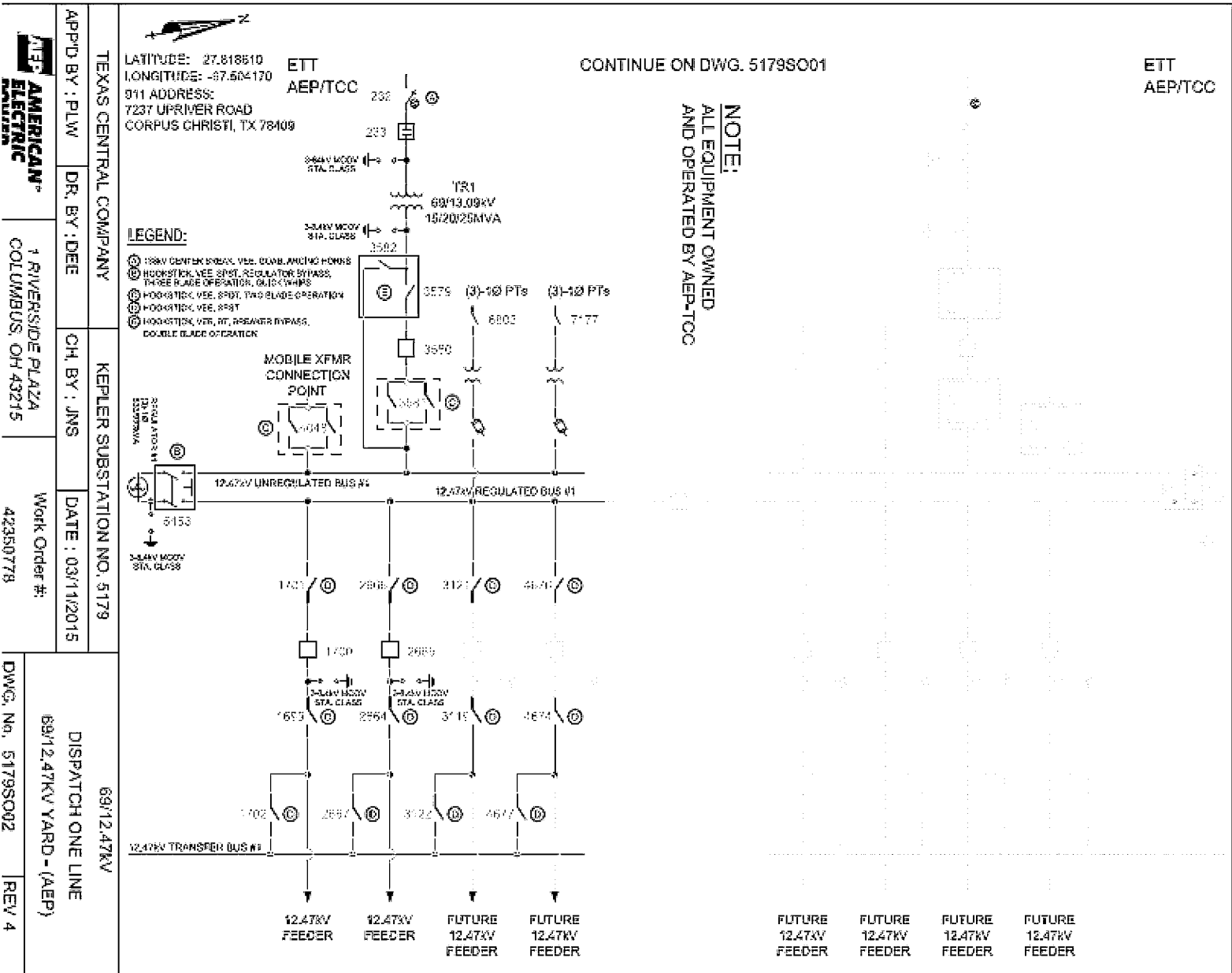
AEP recognizes that ETT is installing the facilities described in Section 6(A) of this Facility Schedule to facilitate AEP's request for the new Points of Interconnection identified in Section 2 of this Facility Schedule. If AEP cancels its request for these Points of Interconnection prior to energizing the Points of Interconnection or if AEP terminates the Points of Interconnection because the facilities are not required, AEP agrees to pay the actual installed costs incurred and committed to be incurred by ETT, and the actual costs of removal of the ETT material and equipment, that ETT determines cannot be recovered through transmission cost of service rates. The total installed cost of the ETT facilities described hereinabove is estimated to be Eight Million Three Hundred Thirty-Nine Thousand Six Hundred Eleven Dollars (\$8,339,611) which AEP agrees is reasonable. Any payment by AEP will be treated as a contribution in aid of construction for tax purposes and AEP agrees to reimburse ETT a tax gross up amount for any tax that may be due as a result of any such payment by AEP to ETT.

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One-Line Diagram



FACILITY SCHEDULE NO. 34 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 35

1. **Name:** **Lantana**
2. **Facility Location:** The AEP Lantana Substation (“AEP Substation”) will be located (27° 48’ 44.57” N., 97° 28’ 01.45” W.) in Nueces County, 7249 Up River Road, Corpus Christi, Texas. There will be two (2) Points of Interconnection located at the line-side of the AEP disconnect switches. More specifically, the Points of Interconnection will be located: 1) where ETT’s bus-work equipment jumpers physically connect to AEP’s 69 kV transformer disconnect switch within the AEP Substation; and 2) where the ETT’s bus-work equipment jumpers physically connect to AEP’s 69 kV transformer disconnect switch within the AEP Substation.
3. **Delivery Voltage:** 69 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. the Highway 9 to Valero East 69 kV transmission line
 - ii. two (2) dead-end structures in the Highway 9 to Valero East 69 kV transmission line
 - iii. the slack-span conductors from the Highway 9 to Valero East 69 kV transmission line to the AEP Substation dead-end terminals
 - iv. the in and out transmission bus-work
 - v. two (2) motor operated line switches
 - vi. one (1) manual bus tie switch
 - vii. additional 69 kV terminal for future transformer/mobile
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. the AEP Substation and the facilities within it, except for the facilities identified in Section 6.A above
 - ii. two (2) 69 kV transformer disconnect switches
 - iii. 69 kV circuit switcher and the associated facilities
 - iv. the property, fence and subsurface grounding for the AEP Substation
 - v. the drop-in-control-module (DICM)/control house and relaying equipment
7. **Facility Operation Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.

8. Facility Maintenance Responsibilities of the Parties:

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

9. Cost Responsibilities of the Parties:

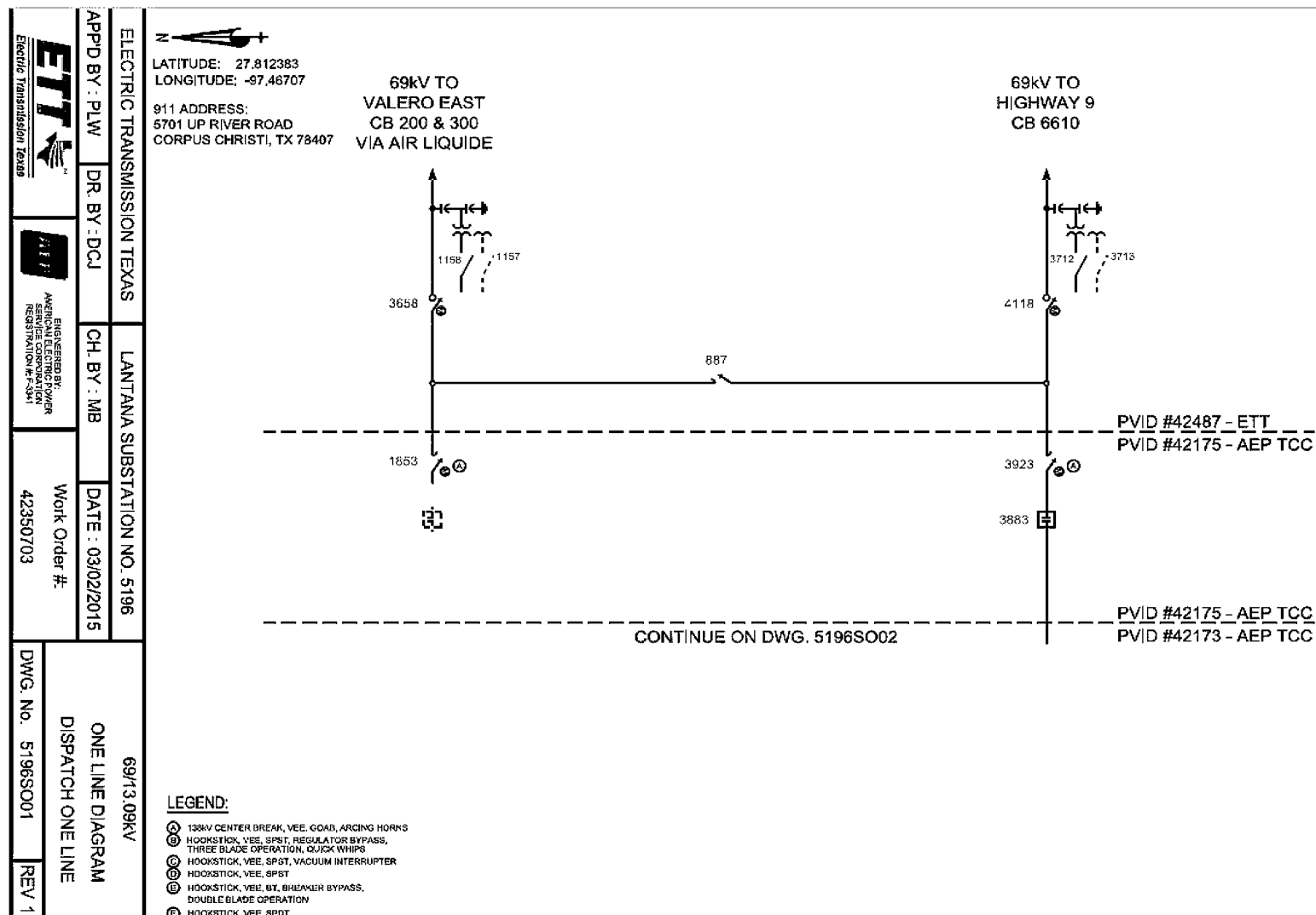
Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions:

AEP recognizes that ETT is installing the facilities described in Section 6(A) of this Facility Schedule to facilitate AEP's request for the new Points of Interconnection identified in Section 2 of this Facility Schedule. If AEP cancels its request for these Points of Interconnection prior to energizing the Points of Interconnection or if AEP terminates the Points of Interconnection because the facilities are not required, AEP agrees to pay the actual installed costs incurred and committed to be incurred by ETT, and the actual costs of removal of the ETT material and equipment, that ETT determines cannot be recovered through transmission cost of service rates. The total installed cost of the ETT facilities described hereinabove is estimated to be One Million Eight Hundred Thousand Dollars (\$1,800,000) which AEP agrees is reasonable.

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FACILITY SCHEDULE NO. 35 (continued) **One-Line Diagram**



FACILITY SCHEDULE NO. 36

1. **Name:** **Thomaston**
2. **Facility Location:** The ETT Thomaston Substation (“ETT Substation”) (28° 59’ 51.39” N., 97° 08’ 53.95” W.) is located 0.5 mile east of Hwy 87 on Fordtran Road between Victoria and Cuero, Texas, in DeWitt County. There are three (3) Points of Interconnection at the ETT Substation located at: 1) the 138 kV bushings of the 138/12.5 kV transformer within the ETT Substation; 2) the ETT dead-end structure within the ETT Substation terminating the AEP 138 kV transmission line from the Magruder substation; and 3) the ETT dead-end structure within the ETT Substation terminating the AEP 138 kV transmission line from the Cuero substation. More specifically, the Points of Interconnection for item 2 and 3 above are where the ETT jumper conductors from the ETT Substation equipment physically contact the connectors on the AEP transmission line conductors.
3. **Delivery Voltage:** 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facilities Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. all the transmission facilities within the ETT Substation, except for the facilities identified in Section 6.B below.
 - ii. the dead-end structure and jumpers within the ETT Substation that terminates the AEP 138 kV transmission line from the Magruder substation
 - iii. the dead-end structure and jumpers within the ETT Substation that terminates the 138 kV transmission line from the Cuero substation
 - iv. the 138 kV phase shift transformer (PST) within the Substation
 - v. three (3) capacitor banks within the ETT Substation
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. all the distribution facilities within the ETT Substation
 - ii. the distribution transformers and the 138 kV high side bushings of the distribution transformers within the ETT Substation
 - iii. all the facilities and equipment functioning exclusively as protective, metering, or control devices for, or in support of the operation or maintenance of distribution facilities and equipment
 - iv. the ETT Substation property for the distribution facilities, including perimeter fencing, as well as the control house
 - v. one (1) remote terminal unit (RTU)
 - vi. the following facilities within the subsurface ground grid boundary of the ETT Substation:

- a) the substation service transformer if energized by distribution facilities
- b) instrument transformers if energized by distribution facilities
- c) ground grid
- d) foundations
- e) cable tray, trench or raceway or conduit bank
- f) lighting
- g) lightning rods and statics
- h) spill prevention and retention facilities

7. Facility Operation Responsibilities of the Parties:

Each Party controls and operates all the facilities it owns.

8. Facility Maintenance Responsibilities of the Parties:

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

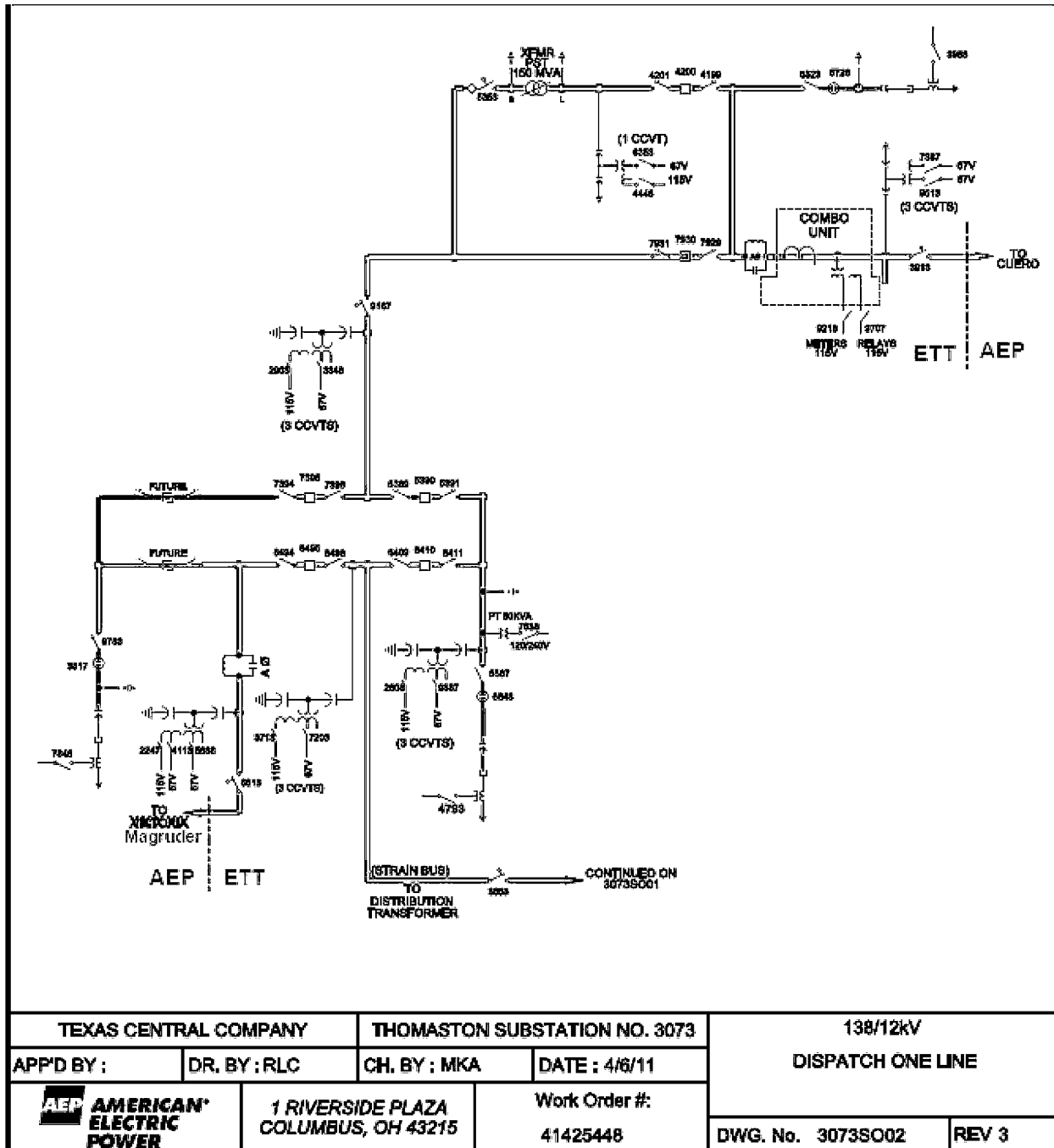
9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

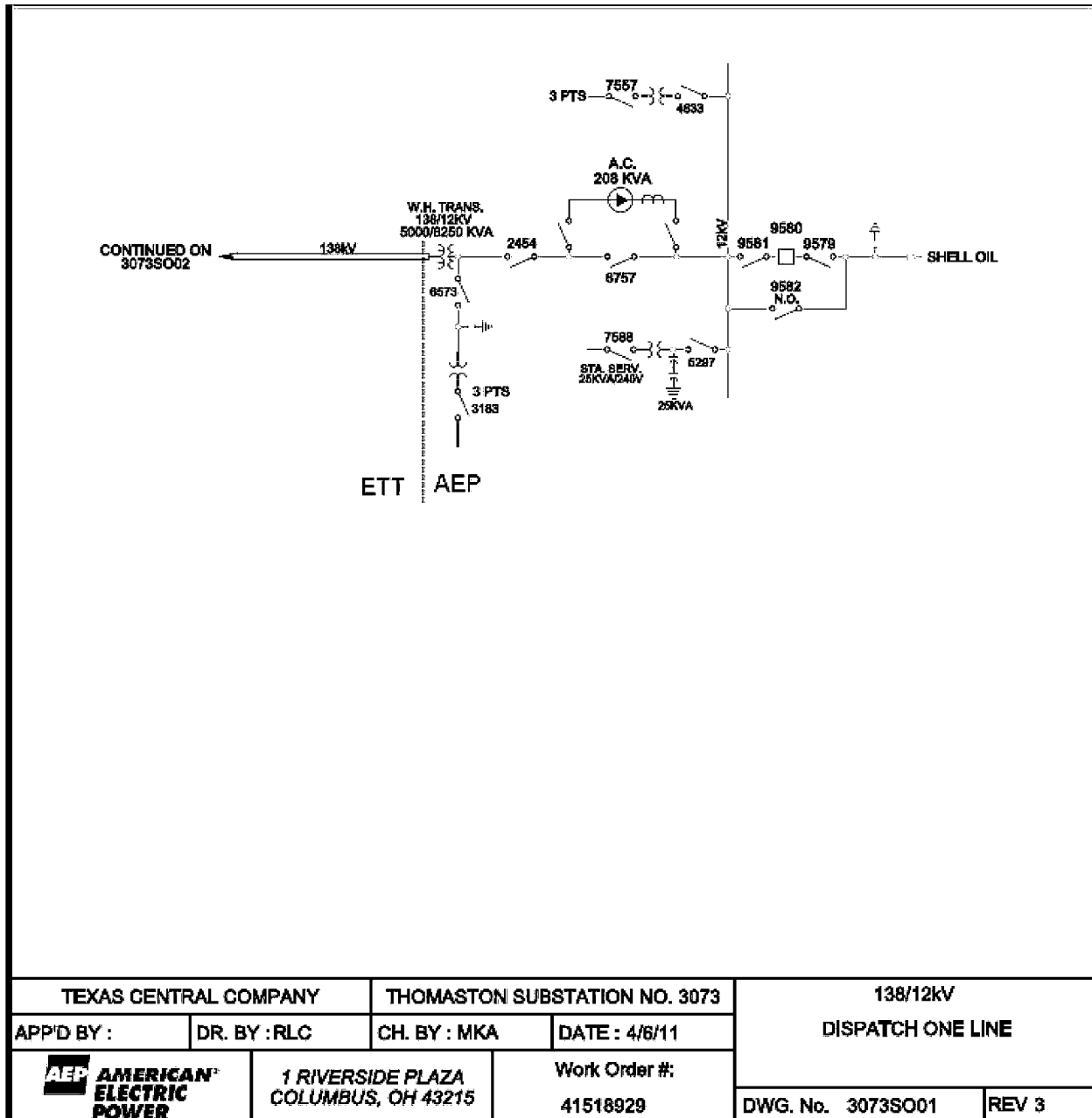
10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 36 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 36 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 37

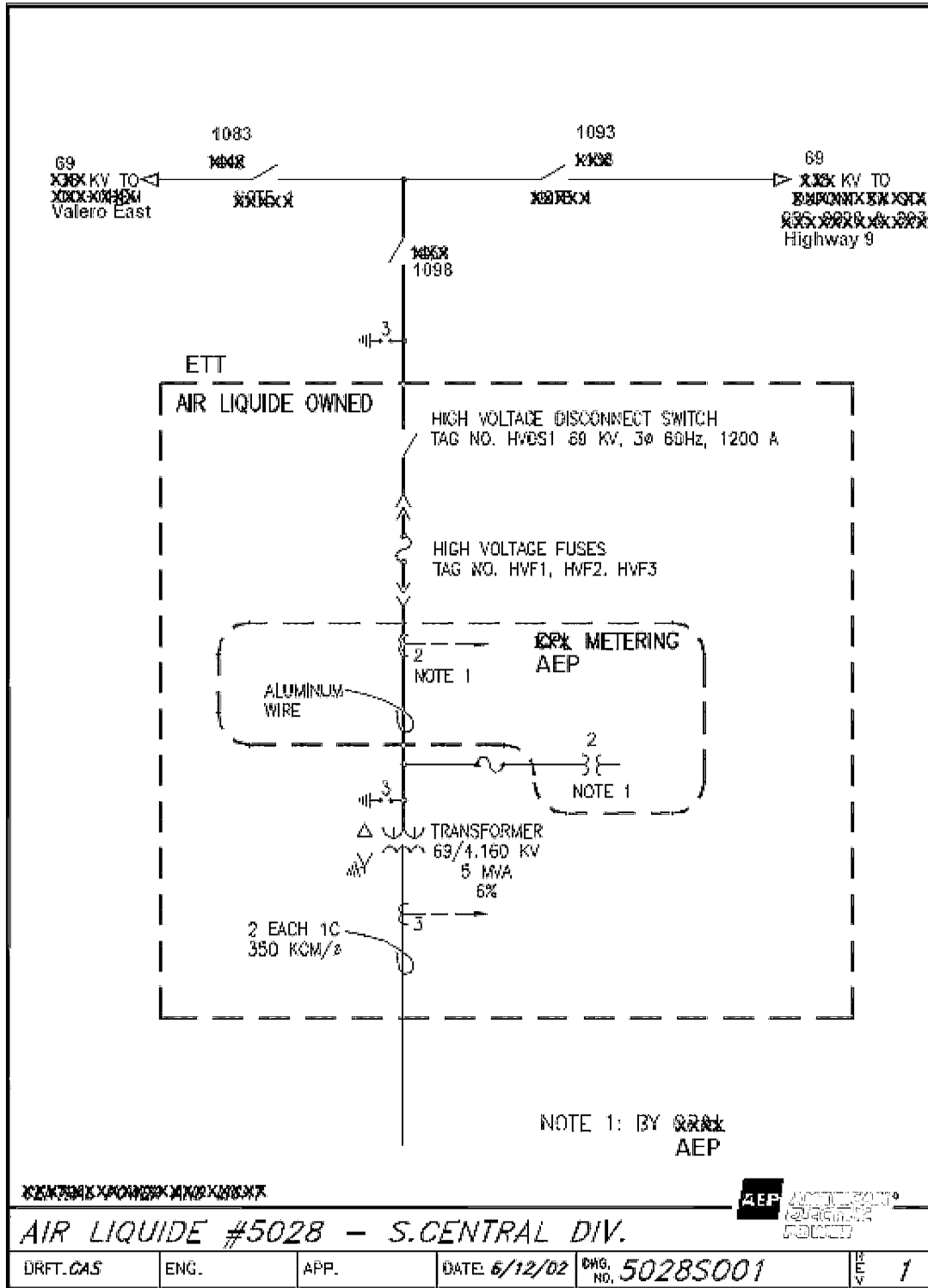
1. **Name:** **Air Liquide**
2. **Facility Location:** The ETT Air Liquide Tap ("ETT Tap") is located at 5984 Up River Rd in Corpus Christi, Nueces County, Texas. There is one (1) Point of Interconnection located at the Air Liquide dead-end structure within the Air Liquide substation that terminates the 69 kV transmission line from the ETT Tap. More specifically, the Point of Interconnection is where the ETT conductors from the in-line ETT Tap switch (1098) physically contact the dead-end structure within the Air Liquide substation.
3. **Delivery Voltage:** 69 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. the 69 kV transmission line from the Valero East substation
 - ii. the 69 kV transmission line from the Highway 9 substation
 - iii. the 69 kV three pole switch in the 69 kV Valero East to Highway 9 transmission line
 - iv. the approximately 100 feet of 69 kV transmission tap line to the Air Liquide dead-end within the Air Liquide substation
 - v. the in-line switches (1083, 1093 and 1098)
 - 6.2 **AEP agree that it owns the following facilities:**
 - i. the 69 kV meter and metering facilities within the Air Liquide substation
7. **Facility Operation Responsibilities of the Parties:**

Each Party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

Each Party is responsible for the maintenance of the facilities it owns.
9. **Cost Responsibilities of the Parties:**

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
10. **Other Terms and Conditions:** None

FACILITY SCHEDULE NO. 37 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 38

1. **Name:** Nelson Sharpe
2. **Facility Location:** The AEP Nelson Sharpe Substation ("AEP Substation") is located in Nueces County, approximately 12 miles northeast of Kingsville, Texas. There are two (2) 138 kV Points of Interconnection at the AEP Substation. The Points of Interconnection are located at: 1) the dead-end structure that terminates the ETT 138 kV transmission line from the Barney M. Davis substation via Alazan substation; and 2) the dead-end structure that terminates the ETT 138 kV transmission line from the Santa Cruz substation. More specifically, where the AEP jumper conductors from the AEP Substation equipment physically connect to the conductors of the ETT 138 kV transmission lines.
3. **Delivery Voltage:** 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. the 138 kV transmission line to the Barney M. Davis substation via Alazan substation with optical ground wire ("OPGW")
 - ii. the 138 kV transmission line to the Santa Cruz substation with OPGW
 - iii. fiber entrance cable and fiber distribution panel (FDP) associated with the OPGW fiber from Barney M. Davis substation via Alazan substation
 - iv. fiber entrance cable and fiber distribution panel (FDP) associated with the OPGW fiber from the Santa Cruz substation
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. the AEP Substation and all the facilities within it, except for those facilities identified as being owned by ETT above
 - ii. the dead-end structure to which the ETT 138 kV transmission line from the Barney M. Davis substation via Alazan substation terminate
 - iii. the dead-end structure to which the ETT 138 kV transmission line from the Santa Cruz substation terminate
7. **Facility Operational Responsibilities of the Parties:**

Each party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

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

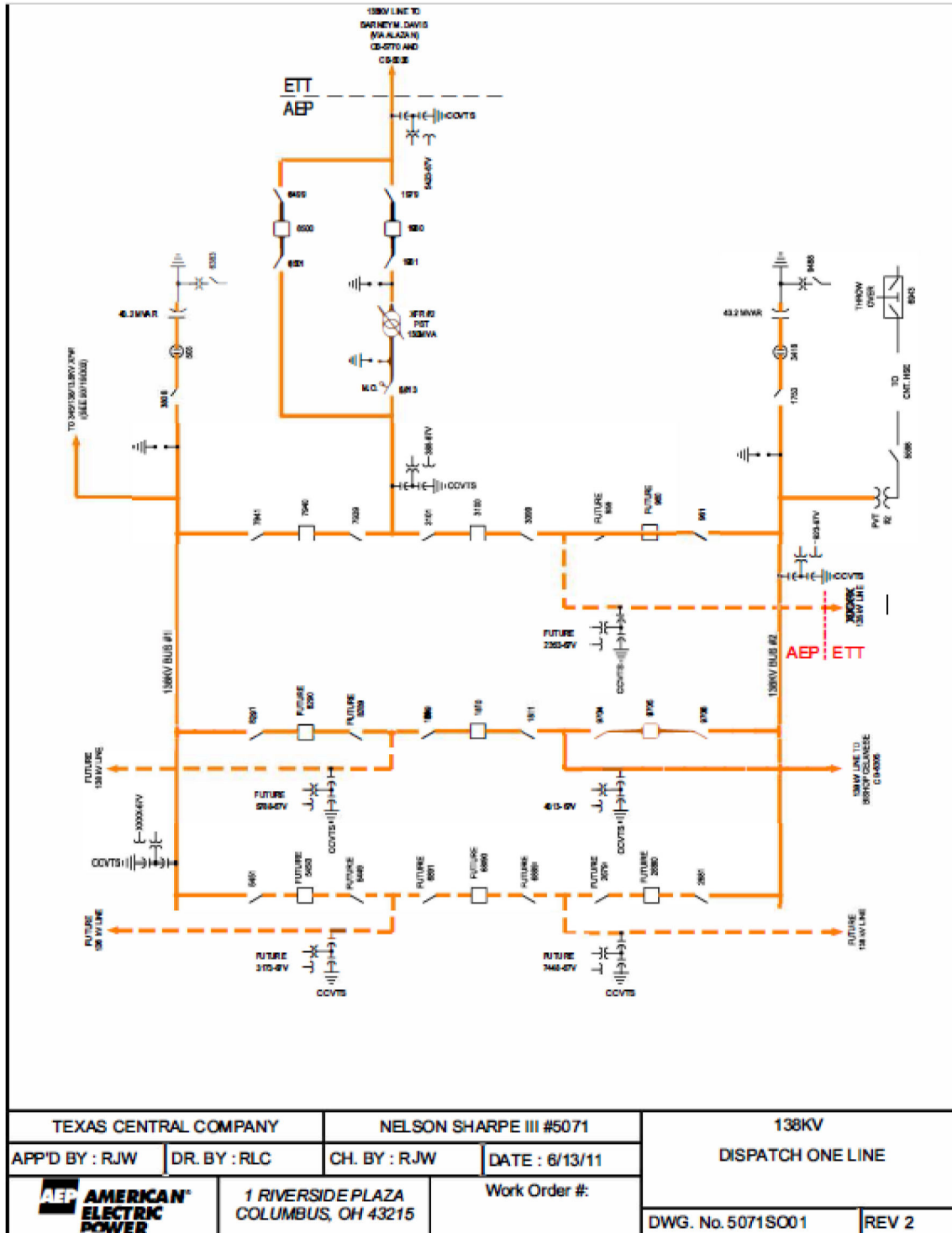
9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 38 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 39

1. **Name:** Alazan
2. **Facility Location:** The AEP Alazan Substation ("AEP Substation") is located in Kleberg County, approximately 16 miles south of Corpus Christi, Texas. There is one (1) Point of Interconnection located at the 138 kV bushings of the 138/24.9 kV transformer within the AEP Substation.
3. **Delivery Voltage:** 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. all transmission facilities within the AEP Substation
 - ii. the dead-end structure within the AEP Substation that terminates the 138 kV transmission line from the Nelson Sharpe substation
 - iii. the dead-end structure within the AEP Substation that terminates the 138 kV transmission line from the Barney M. Davis substation
 - iv. the 138 kV transmission line to the Nelson Sharpe substation with optical ground wire ("OPGW")
 - v. the 138 kV transmission line to the Barney M. Davis substation with OPGW
 - vi. the fiber entrance cable and fiber distribution panel ("FDP") associated with the OPGW fiber to Nelson Sharpe substation
 - vii. the fiber entrance cable and FDP associated with the OPGW fiber to Barney M. Davis substation
 - viii. the high side facilities of the 138/24.9 kV distribution transformer
 - ix. the 138 kV lightning arresters attached to the 138/24.9 kV distribution transformer
 - x. the control house
 - xi. All protective, metering, or control facilities and equipment in the AEP Substation not functioning exclusively as protective, metering, or control devices for, or in support of the operation or maintenance of distribution facilities
 - xii. the 138 kV switches (1023, 1802, 1037 and 1363
 - xiii. the 138 kV circuit switcher (5148)
 - xiv. certain footprint facilities within the subsurface ground grid boundary of the Substation
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. all the distribution facilities within the AEP Substation
 - ii. all the facilities and equipment functioning exclusively as protective, metering, or control devices for, or in support of the operation or maintenance of distribution facilities

- iii. all the telecommunication facilities within the AEP Substation except the fiber entrance cables and FDP's referenced in Section 6.A above
- iv. certain footprint facilities within the subsurface ground grid boundary of the AEP Substation

7. Facility Operation Responsibilities of the Parties:

Each party controls and operates all the facilities it owns.

8. Facility Maintenance Responsibilities of the Parties:

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

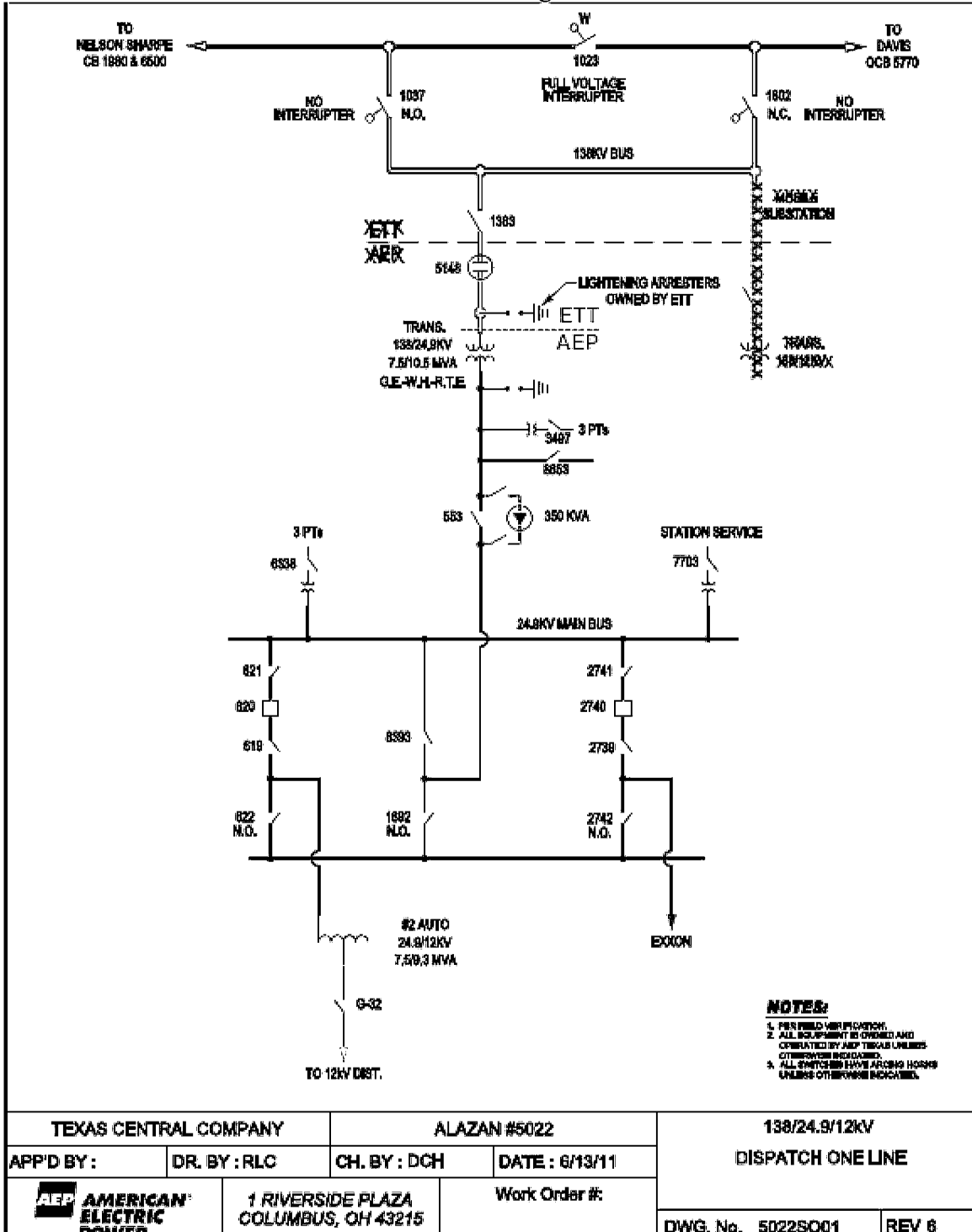
9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 39 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 40

1. **Name:** **Gila**
2. **Facility Location:** The ETT Gila Substation ("ETT Substation") is located in Nueces County, approximately 2 miles northwest of downtown Corpus Christi, Texas. There are six (6) 138 kV Points of Interconnection at the ETT Substation located at 1) the ETT dead-end structure within the ETT Substation terminating the AEP 138 kV transmission line from the Whitepoint substation, and 2) the ETT dead-end structure within the ETT Substation terminating the AEP 138 kV transmission line from the Upriver substation, and 3) the ETT dead-end structure within the ETT Substation terminating the AEP (circuit no. 1) 138 kV transmission line from the Highway 9 substation, and 4) the ETT dead-end structure within the ETT Substation terminating the AEP (circuit no. 2) 138 kV transmission line from the highway 9 substation, and 5) the 138 kV bushings of the 138/12.5 kV transformer no. 1 (T-1), and 6) the 138 kV bushings of the 138/12.5 kV transformer no. 2 (T-2). More specifically, the Points of Interconnection for item 1 through 4 above are where the ETT jumper conductors from the ETT Substation facilities physically contact the connectors on the AEP transmission line conductors.
3. **Delivery Voltage:** 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. all transmission facilities within the ETT Substation
 - ii. the dead-end structure within the ETT Substation that terminates the AEP 138 kV transmission line from the Whitepoint substation
 - iii. the dead-end structure within the ETT Substation that terminates the AEP 138 kV transmission line from the Upriver substation
 - iv. the dead-end structures within the ETT Substation that terminates the AEP (circuit 1 and 2) 138 kV transmission line from the Highway 9 substation
 - v. the high side facilities of the two (2) 138/24.9 kV distribution transformer
 - vi. the 138 kV lightning arresters attached to the two (2) 138/24.9 kV distribution transformer
 - vii. the control house
 - viii. All protective, metering, or control facilities and equipment within the ETT Substation not functioning exclusively as protective, metering, or control devices for, or in support of the operation or maintenance of distribution facilities
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. all the distribution facilities within the ETT Substation

- ii. all the facilities and equipment functioning exclusively as protective, metering, or control devices for, or in support of the operation or maintenance of distribution facilities
- iii. the high-side fuses for the two (2) 138/24.9 kV distribution transformer

7. Facility Operation Responsibilities of the Parties:

Each party controls and operates all the facilities it owns.

8. Facility Maintenance Responsibilities of the Parties:

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

9. Cost Responsibilities of the Parties:

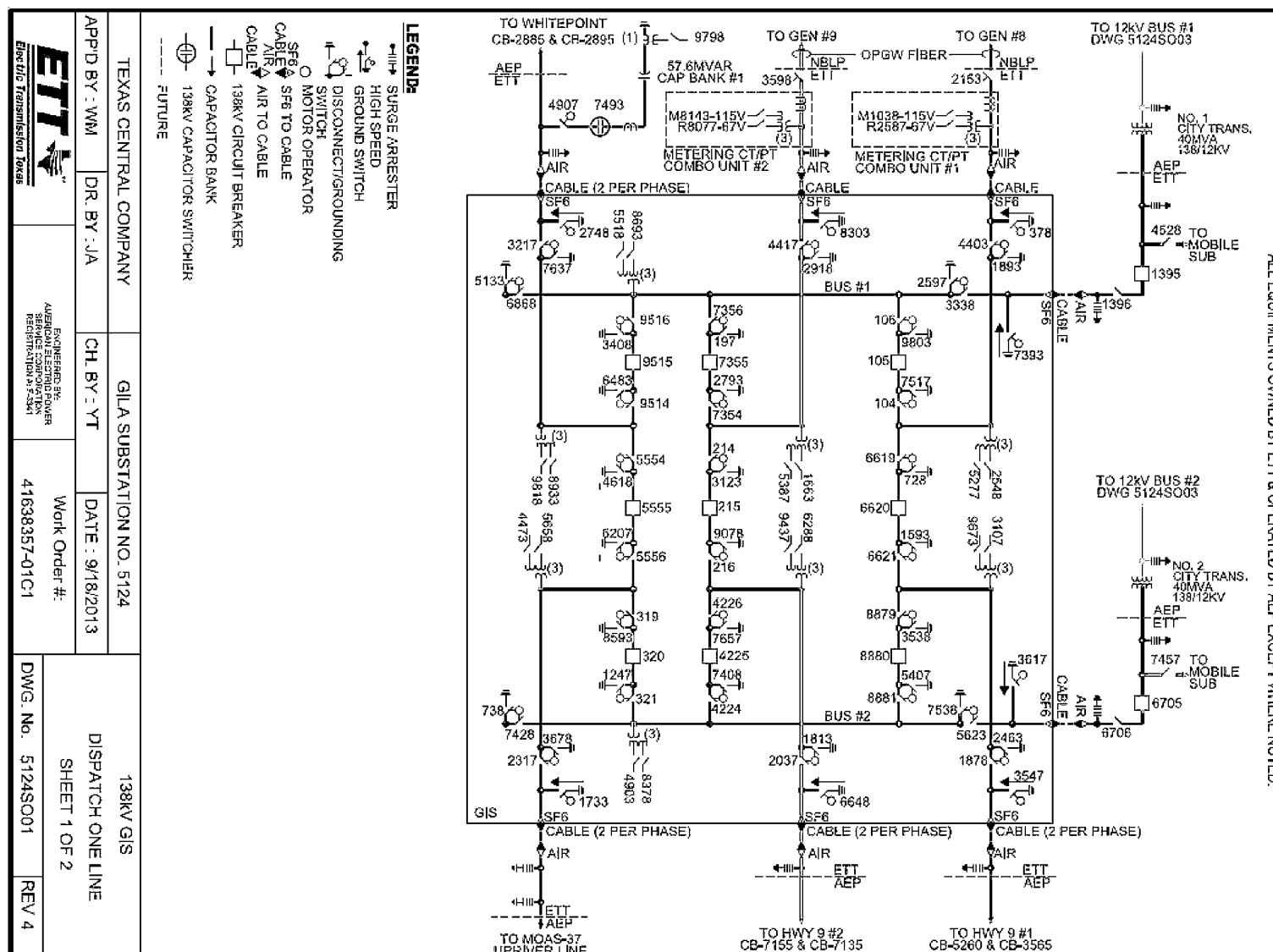
Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions: None

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FACILITY SCHEDULE NO. 40 (continued)

One-Line Diagram



FACILITY SCHEDULE NO. 41

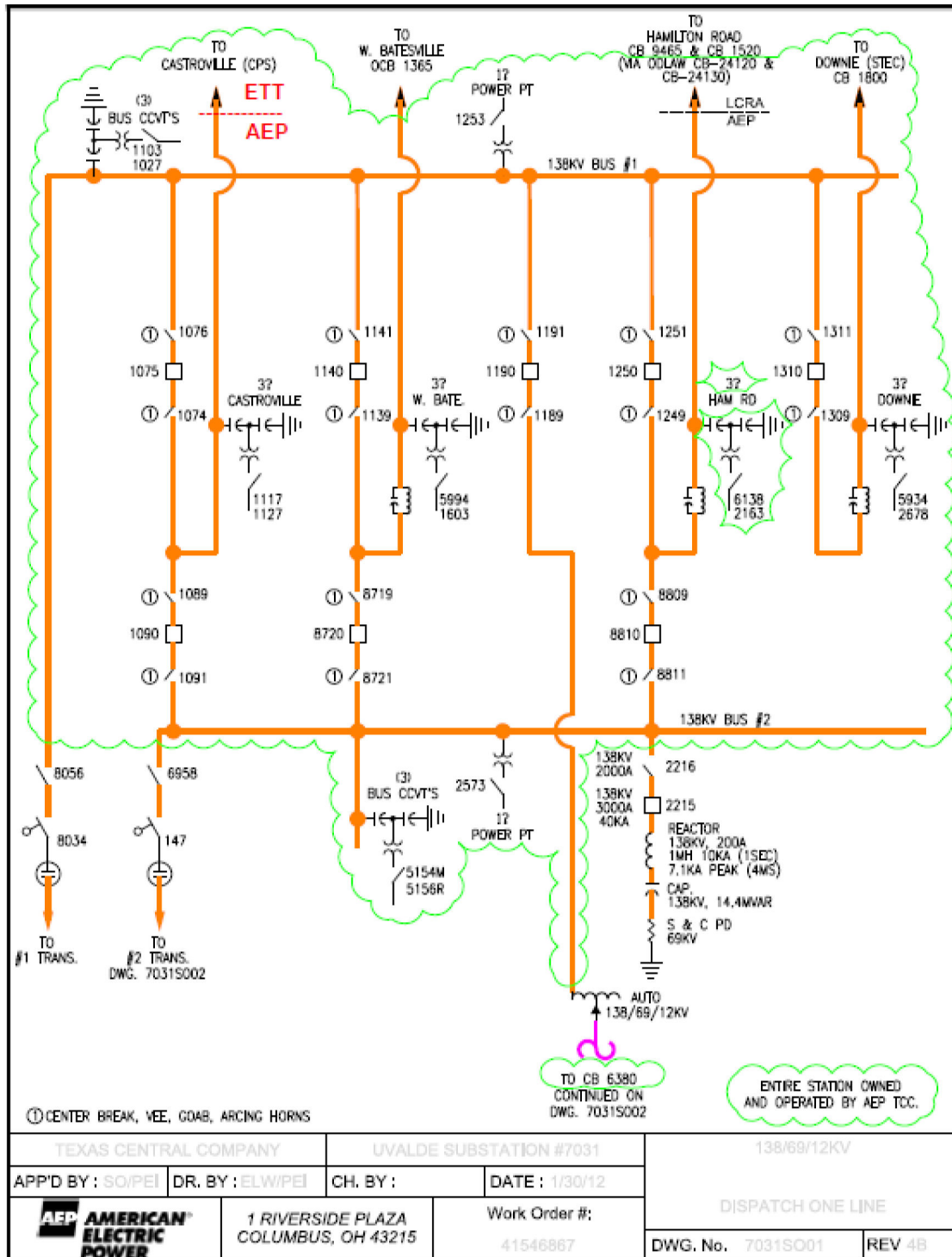
1. **Name:** Uvalde
2. **Facility Location:** The AEP Uvalde Substation (“AEP Substation”) is located in Uvalde County, at 526 W. Leona Street, Uvalde, Texas. There is one (1) 138 kV Point of Interconnection at the AEP Substation. The Point of Interconnection is located at the dead-end structure within the AEP Substation, where the AEP jumper conductors from the AEP Substation facilities connect to the conductors of the ETT 138 kV transmission line from the Razorback substation.
3. **Delivery Voltage:** 138 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. the 138 kV transmission line to the Razorback substation
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. the AEP Substation and all the facilities within it
 - ii. the dead-end structure that ETT’s 138 kV transmission line from the Razorback substation terminate
 - iii. the jumpers at the dead-end structure
7. **Facility Operation Responsibilities of the Parties:**

Each party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

Each Party is responsible for the maintenance of the facilities it owns.
9. **Cost Responsibilities of the Parties:**

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
10. **Other Terms and Conditions:** None

FACILITY SCHEDULE NO. 41 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 42

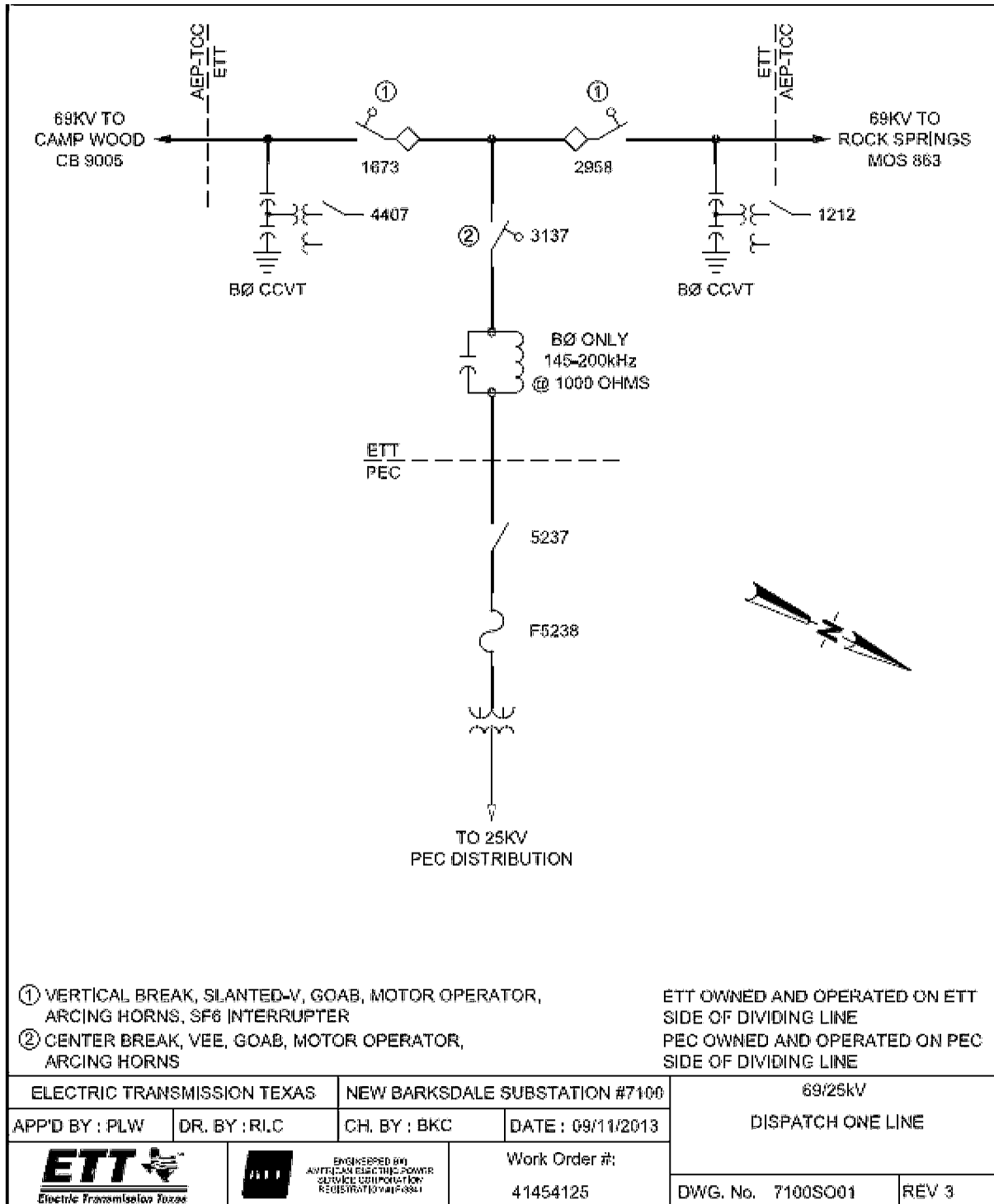
1. **Name:** **New Barksdale**
2. **Facility Location:** The Points of Interconnection are located in Edwards County, adjacent and west of Hwy 55, approximately 3.80 miles northwest of Barksdale, Texas. There are two (2) Points of Interconnection located at the dead-end box-bay structure inside the New Barksdale Substation (“Substation”) that terminates AEP’s 69 kV Campwood transmission line and AEP’s Rock Springs 69 kV transmission line. More specifically, the Points of Interconnection are located where the ETT jumper conductors from the Substation equipment connect to AEP’s 69 kV transmission line conductors.
3. **Delivery Voltage:** 69 kV
4. **Normal Operation of Interconnection:** Closed
5. **One-Line Diagram Attached:** Yes
6. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. the 69 kV box-bay structure
 - ii. the 69 kV switches (1673, 2958 and 3137)
 - iii. the 69 kV jumpers
 - iv. the wave trap
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. the Rock Springs 69 kV transmission line that terminates at the box-bay structure
 - ii. the Campwood 69 kV transmission line that terminates at the box-bay structure
7. **Facility Operation Responsibilities of the Parties:**

Each party controls and operates all the facilities it owns.
8. **Facility Maintenance Responsibilities of the Parties:**

Each Party is responsible for the maintenance of the facilities it owns.
9. **Cost Responsibilities of the Parties:**

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
10. **Other Terms and Conditions:** None

FACILITY SCHEDULE NO. 42 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 43

1. **Name:** North Edinburg
2. **Facility Location:** AEP's North Edinburg Substation ("AEP Substation") is located on the northwest side of the Monte Cristo Road (FM 1925) and McColl Road intersection in Edinburg, Texas, in Hidalgo County. There are two (2) Points of Interconnection at the AEP Substation where: 1) ETT's Pomelo (circuit No.1) 345 kV transmission line terminate within the AEP Substation; and 2) ETT's Stewart Road 345 kV transmission line terminate within the AEP Substation. More specifically, the Points of Interconnection is located where the AEP jumper conductors from the AEP Substation equipment connect to ETT's 345 kV transmission line conductors.
3. **Delivery Voltage:** 345 kV
4. **Metered Voltage:** N/A
5. **Normal Operation of Interconnection:** Closed
6. **One-Line Diagram Attached:** Yes
7. **Facility Ownership Responsibilities of the Parties:**
 - 6.1 **ETT agrees that it owns the following facilities:**
 - i. the Stewart Road 345 kV transmission line.
 - ii. the Pomelo (circuit No.1) 345 kV transmission line
 - iii. optical ground wire ("OPGW") from the Stewart Road substation
 - iv. OPGW from the Pomelo substation
 - 6.2 **AEP agrees that it owns the following facilities:**
 - i. the AEP Substation and all the facilities within it
 - ii. the dead-end structures that terminate ETT's 345 kV transmission lines
 - iii. the underground fiber optic cables and entrance ducts
 - iv. one (1) multiplexer within the North Edinburg substation to accommodate the fiber optic cable on the Stewart Road 345 kV transmission line
8. **Facility Operation Responsibilities of the Parties:**

Each party controls and operates all the facilities it owns.
9. **Facility Maintenance Responsibilities of the Parties:**

Each Party is responsible for the maintenance of the facilities it owns.
10. **Cost Responsibilities of the Parties:**

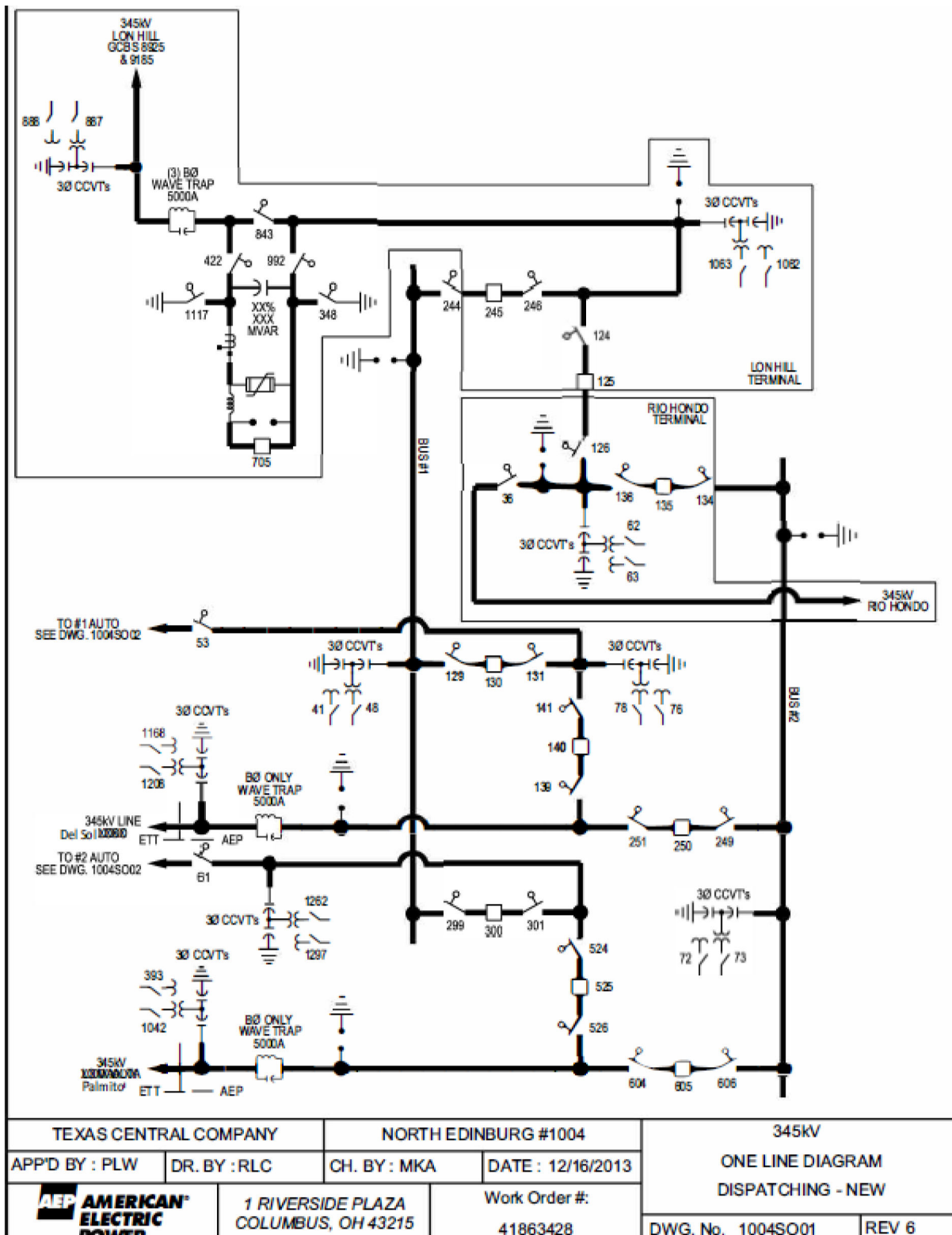
Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

11. Other Terms and Conditions:

AEP shall have exclusive right of use of fiber circuits one (1) through twenty-four (24) within the OPGW from the AEP Substation to the Palmito substation.

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FACILITY SCHEDULE NO. 43 (continued)
One-Line Diagram



FACILITY SCHEDULE NO. 44

1. **Name:** Dustdevil
2. **Facility Location:** AEP's Dustdevil Substation ("AEP Substation") (27° 35 51.84" N., 99° 26' 56.20" W.) is located north of Laredo, Texas in Webb County and on the right side of De Novo Street and Kirby Drive. There are two (2) Points of Interconnection within the AEP Substation. The Points of Interconnection are located where 1) the AEP disconnect switch connects to ETT's bus-work from ETT's manual bus tie switch and motor operated switch that terminates ETT's 138 kV Laredo VFT North Circuit No.1 transmission line, 2) the AEP disconnect switch connects to ETT's bus-work from ETT's manual bus tie switch and motor operated switch that terminates ETT's 138 kV Lobo circuit No.1 transmission line. More specifically, the Points of Interconnection are located where AEP's jumpers from AEP's disconnect switch connect to ETT's bus work.
3. **Delivery Voltage:** 138 kV
4. **Metered Voltage:** N/A
5. **Normal Operation of Interconnection:** Closed
6. **One-Line Diagram Attached:** Yes
7. **Facility Ownership Responsibilities of the Parties:**
 - 7.1. **ETT agrees that it install and own the following facilities:**
 - i. Two (2) 138 kV motor operated switches (453 and 498)
 - ii. One (1) manual bus tie switch (518)
 - iii. The 138 kV bus work
 - iv. The dead-end structure within the AEP Substation that terminates ETT's 138 kV Lobo circuit No.1 transmission line
 - v. The dead-end structure within the AEP Substation that terminates ETT's 138 kV Laredo VFT North circuit No.1 transmission line
 - vi. one (1) remote terminal unit ("RTU")
 - vii. The 138 kV Laredo VFT North circuit No.1 transmission line
 - viii. The 138 kV Lobo circuit No.1 transmission line
 - ix. Transmission line relay panels, RTU panel and control equipment inside the control house needed for the protection of the 138 kV bus and transmission lines
 - 7.2. **AEP agrees that it install and own the following facilities:**
 - i. The AEP Substation
 - ii. One (1) 138 kV circuit switcher (688)
 - iii. Two (2) 138 kV disconnect switches (622 and 633)
 - iv. One (1) 138/12.5 kV distribution transformer
 - v. One (1) drop in control module (DICM)
 - vi. 12.5 kV metering and metering facilities

8. Facility Operation Responsibilities of the Parties:

Each party controls and operates all the facilities it owns.

9. Facility Maintenance Responsibilities of the Parties:

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

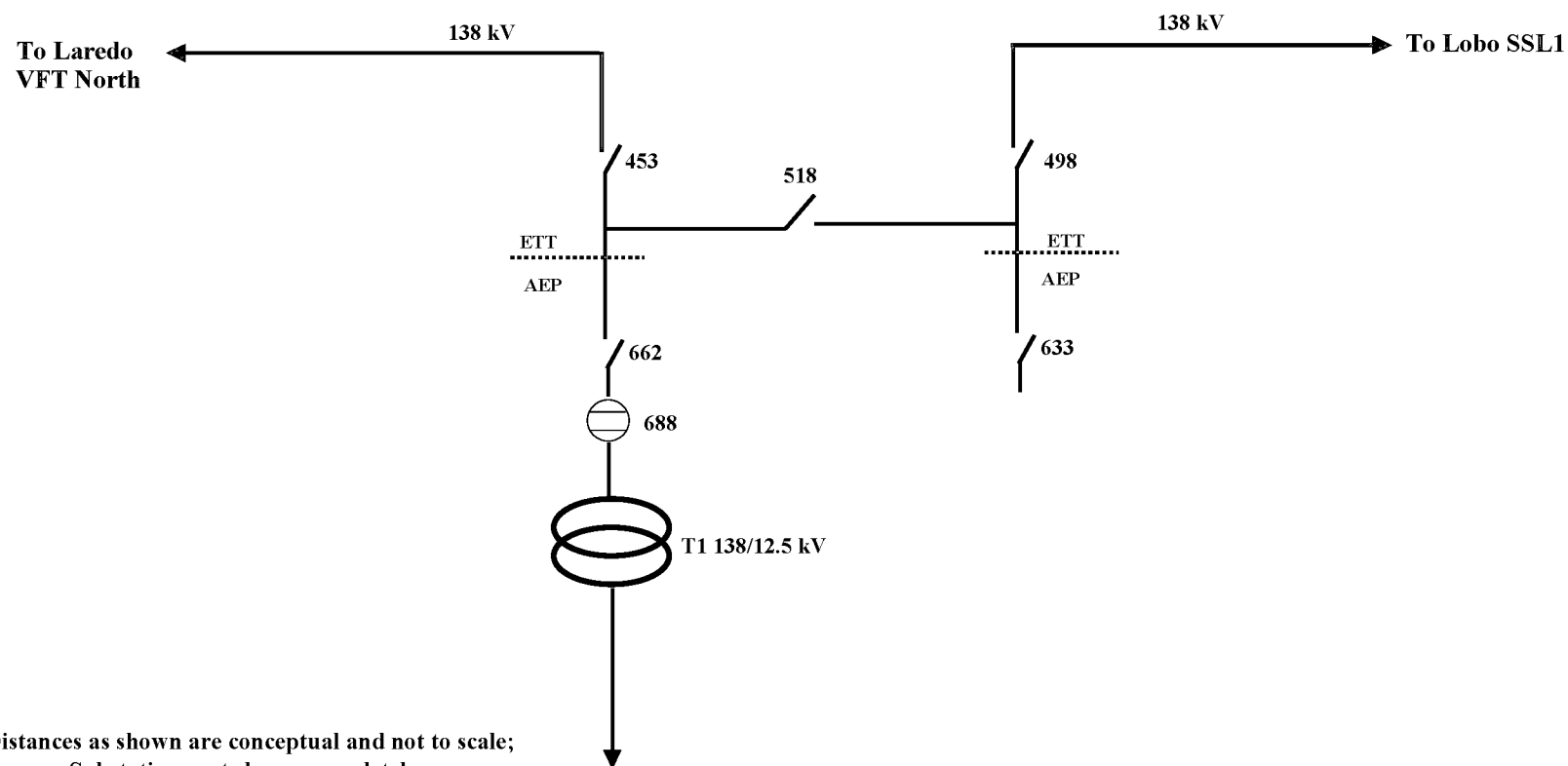
10. Other Terms and Conditions:

10.1. ETT and AEP will connect its RTU via serial fiber link

10.2. AEP fiber optic cable will be constructed to AEP's Substation

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FACILITY SCHEDULE NO. 44 (continued)
One-Line Diagram



— ETT Owned Facilities
— AEP Owned Facilities

FACILITY SCHEDULE NO. 45

1. **Name:** **Stewart Road**
2. **Facility Location:** AEP's Stewart Road Substation ("AEP Substation") (26° 07' 32.47" N., 98° 09' 17.93" W.) is located at 744 E. Thomas Rd, San Juan, Hidalgo County, Texas; approximately five (5) miles southeast of Pharr, Texas. There are two (2) Points of Interconnection within the AEP Substation. The Points of Interconnection are located where 1) AEP's jumpers connect to ETT's North Edinburg 345 kV transmission line conductors that terminate at the AEP Substation steel dead-end structure, and 2) AEP's jumpers connect to ETT's Palmito (via ETT/Sharyland dead-end structure Point of Interconnection structure (47/6)) 345 kV transmission line conductors that terminate at the AEP Substation steel dead-end structure.
3. **Delivery Voltage:** 345 kV
4. **Metered Voltage:** 345 kV, line terminal metering equipment on the Palmito 345 kV line terminal
5. **Normal Operation of Interconnection:** Closed
6. **One-Line Diagram Attached:** Yes
7. **Facility Ownership Responsibilities of the Parties:**
 - 7.1. **ETT agrees that it owns the following facilities:**
 - i. the North Edinburg 345 kV transmission line
 - ii. the Palmito 345 kV transmission line
 - iii. two (2) optical ground wire on the 345 kV transmission lines identified in Sections 7.1(i and ii) above
 - iv. two (2) entrance ducts to accommodate two (2) fiber optic station entrance cables
 - v. two (2) all-dielectric fiber optic station entrance cables
 - vi. splice cases and fiber slack storage devices, to accommodate transition fiber cable
 - 7.2. **AEP agrees that it owns the following facilities:**
 - i. the AEP Substation and all the facilities within it, except those identified in Section 7.1(i, ii, iv and v)
 - ii. the 345 kV line terminal metering equipment on the Palmito 345 kV transmission line terminal
 - iii. one (1) Icon mux for the fiber on the Palmito 345 kV transmission line
8. **Facility Operation Responsibilities of the Parties:**

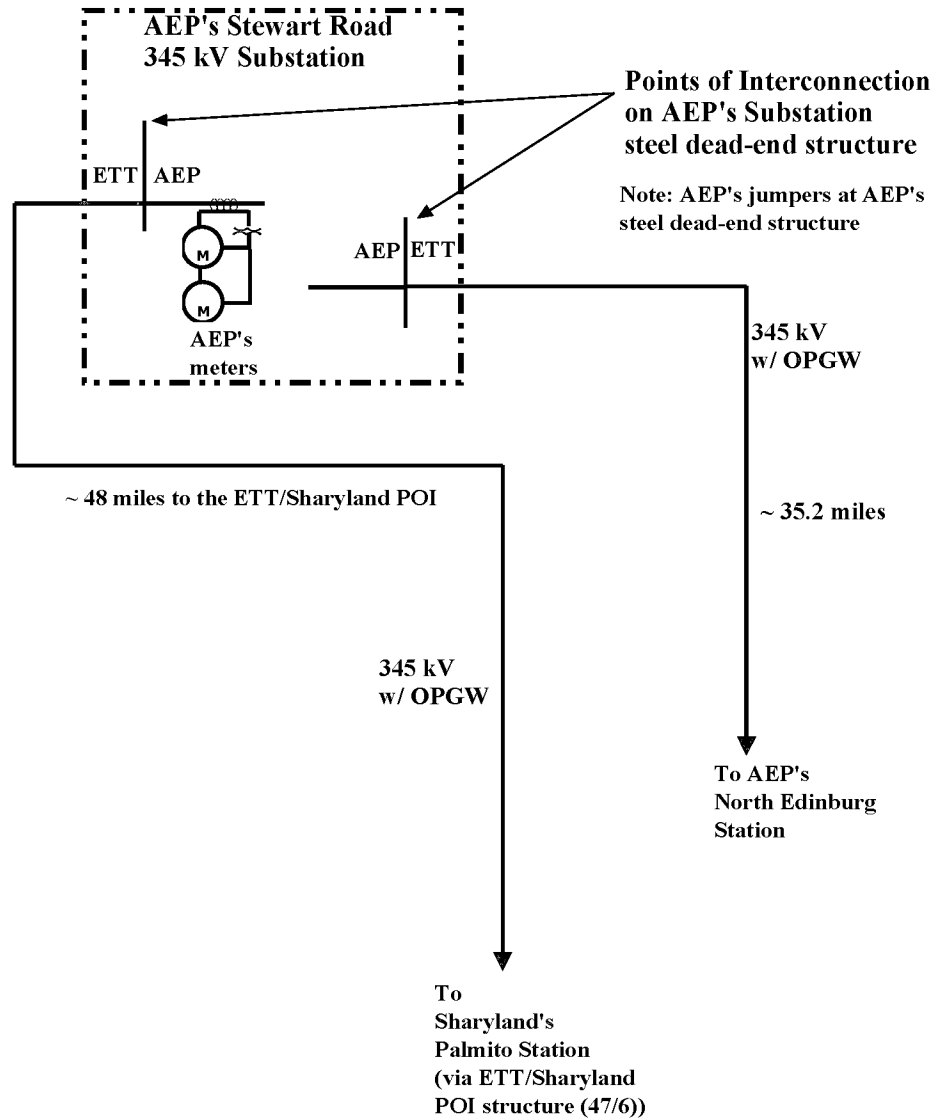
Each party controls and operates all the facilities it owns.
9. **Facility Maintenance Responsibilities of the Parties:**

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

10. **Other Terms and Conditions:** None

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FACILITY SCHEDULE NO. 45 (continued)
One-Line Diagram



_____ AEP-Owned Facilities
 _____ ETT-Owned Facilities
 _____ Other Utility-Owned Facilities

Distances as shown are conceptual and not to scale;
Substation and Station not shown completely.