THE CONTRACTOR SHALL COMPLETE AN "EQUIPMENT RECORD" FORM, PROVIDED BY THE PUD, FOR POLE AND THE CENTER OF THE ANCHOR ROD.

ALL 12" SGL HELIX ANCHORS SHALL BE INSTALLED AT 8000 FT-LBS PER T&D GUIDELINE 4-6-1.2.

AT LOCATIONS WHERE REUSING POLES, XFR ALL SEC SERVICES TO NEW NEUTRAL.

PLAN FOR FUTURE WORK.


HYDRAULIC TAMPED TO 90% COMPACTION IN 6" LIFTS. POLE SPOILS SHALL NOT BE MOUNDED

ALL GROUNDS ON FIBERGLASS POLES (NEW & EXST) SHALL BE RUN THROUGH THE POLE, SEE FIBERGLASS POLE IN ADVANCE. IF CONTACTING THE COUNTY DIRECTLY, PROVIDE THE DISTRICT WITH DOCUMENTATION.

FOLLOW THE PUD STANDARD FOR FIBERGLASS POLES, T&D 4-5-30.0.

WHEN FIBERGLASS POLES AND/OR FIBERGLASS CROSSARMS ARE USED, THE CONTRACTOR SHALL BAIL STRAND VISE AS NEEDED TO ELLIMINATE INTERFERENCE.

THE CONTRACTOR SHALL TEST AND VERIFY PHASING BEFORE MAKINGUP JUMPERS AND WRITTEN APPROVAL.

ANY CHANGES TO THESE CONTRACT PLANS MUST BE IN WRITING AND APPROVED BY THE SWITCHING COORDINATION SHALL NOT CONSTITUTE AN "EXTRA" BY THE CONTRACTOR.

EXPENSE OF THE CONTRACTOR.  DELAYS AND/OR OVERTIME WORK DUE TO OUTAGES OR OF 48 HOURS NOTIFICATION. OUTAGES SHALL BE COORDINATED AND DONE AT THE DISTRICT AND THE DISTRICT'S CUSTOMERS.  EVENING AND WEEKEND WORK MAY BE ALL OUTAGES SHALL BE COORDINATED BY THE CONTRACTOR TO THE SATISFACTION OF
CONSTRUCTION NOTES:

1. STRIP, TOP & ABANDON POLE TO ZIPLY
2. INSTALL (3) LOADBREAK CUTOUTS. FUSE AND TAP PER SCHEMATIC (E0202, E1080)
3. TRANSFER OTHER PRIMARY, NEUTRAL, AND SECONDARY WIRES, MATCH EXISTING TENSION
4. INSTALL (1) NEUTRAL 3/8" DOWN GUY TO ANCHOR, L=10' SOUTH (G0113)
5. INSTALL (1) PRIMARY 3/8" DOWN GUY TO ANCHOR, L=10' SOUTH (G0113)
6. INSTALL 3Ì 10' UNDERBUILD DEADEND BUCK-ARM, 4' BELOW ALLEY ARM (12F318A)
7. POLE XDJ-4
8. STENCIL POLE XDJ-3
9. TRANSFER PRIMARY, NEUTRAL, AND SECONDARY CONDUCTORS, MATCH EXISTING TENSION
10. INSTALL 3Ì 12' BRACELESS ALLEY ARM TANGENT ASSEMBLY (12F338, X0555)
11. TRANSFER PRIMARY, NEUTRAL, AND SECONDARY CONDUCTORS, MATCH EXISTING TENSION
12. INSTALL NEW 15 KVA XFMR (12F601, BA21L, E1006)
13. REMOVE EXISTING 15KVA XFMR DIST #15-394476
14. SET 50' CL1 POLE 7' DEEP W/ GROUND, 10.5' SOUTH OF EXISTING (PW1050, N0110)
15. STRIP, TOP & ABANDON POLE TO ZIPLY
16. DIST # ______________, SER # ______________
17. REMOVE EXISTING 15KVA XFMR DIST #15-397462
18. INSTALL 3Ì 10' BRACELESS ALLEY ARM TANGENT ASSEMBLY (12F337, X0553)
19. SET 50' CL1 POLE 7' DEEP W/ GROUND, 8' SOUTH OF EXISTING (PW1050, N0110)
20. INSTALL 1Ì END-OF-ARM TAP ASSEMBLY (12V115), FUSE AND TAP PER SCHEMATIC (E0202, E???)
21. INSTALL 3Ì DEADEND ASSEMBLY (12F310)
22. POLE XDJ-5
23. STENCIL POLE XDJ-6
24. SEC VOLT __________/ __________/ _________
25. INSTALL NEW 15 KVA XFMR (12F601, BA21L, E1006)
26. INTERCEPT EXISTING CONDUIT/CABLE AND RE-ROUTE PER UG DRAWING #9982
27. INSTALL (1) PRIMARY 3/8" DOWN GUY TO ANCHOR, L=25' WEST (G0113)
28. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=25' WEST (A0102)
29. INSTALL 3Ì DEADEND ASSEMBLY (12F310)
30. SET 50' CL1 POLE 7' DEEP W/ GROUND, 14' SOUTH OF EXISTING (PW1050, N0110)
31. POLE XDJ-6
32. TRANSFER EXISTING 25KVA XFMR DIST #25-454359 (12F601, E1010)
33. INSTALL 3Ì 10' BRACELESS ALLEY ARM TANGENT ASSEMBLY (12F337, X0553)
34. RAKE POLE 2" NORTH
35. INSTALL 1Ì END-OF-ARM TAP ASSEMBLY (12V115)
CONSTRUCTION NOTES:

1. **PUBLIC UTILITY DISTRICT NO 1**
   
Preliminary Use Only - 60% Design, 11/12/2022

2. **PROJECT - PHASE II**
   
LINE IMPROVEMENTS AND SYSTEM SR 530 CONTROL ZONE XD-310 TO XD-313

3. **LEGEND**
   
- **CONSTRUCTION NOTES**
  - PROPOSED EASEMENT
  - STEEP SLOPES
  - WETLAND BUFFER
  - WETLAND
  - STREAM BUFFER
  - SHORELINE MGMT AREA
  - OHWM
  - LINE TO BE REMOVED
  - PROPERTY LINE
  - RIGHT-OF-WAY LINE
  - NEW SECONDARY CONDUCTOR
  - NEW TRANSMISSION LINE
  - EXISTING TRANSMISSION LINE
  - NEW DISTRIBUTION LINE
  - EXISTING DISTRIBUTION LINE
  - NEW POLE TO REPLACE EXISTING POLE
  - NEW POLE
  - EXISTING POLE-TO-BE-REMOVED
  - EXISTING POLE

4. **DRAWING**
   
file: B:\Eng\WorkGroups\Transmission & Distribution\Luu\Relocations\2020 - SR 530, Phase II\Design\OH Design Drawings.dgn
STENCIL POLE XD-319
ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
INSTALL 3Ì 12' BRACELESS ALLEY ARM TANGENT ASSEMBLY (12F338, X0555)
SET 55' CL1 DUCTILE IRON POLE 7.5' DEEP W/ GROUND, 19' SOUTH & 55' WEST

STENCIL POLE XD-318
TRANSFER SECONDARY WIRES, MATCH EXISTING TENSION
ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
DIST # ______________, SER # ______________

REMOVE EXISTING 25KVA XFMR DIST #25-12488
INSTALL (1) NEUTRAL 3/8" DOWN GUY TO ANCHOR, L=10' SOUTH (G0111)
INSTALL (1) 12" SINGLE HELIX ANCHOR, L=10' SOUTH (A0102)
SCHEMATIC (E0202, E1040)
INSTALL 3Ì 10' BRACELESS ALLEY ARM TANGENT ASSEMBLY (12F337, X0553)
SET 50' CL1 POLE 7' DEEP W/ GROUND, 12.5' SOUTH & 5' WEST OF EXISTING (PW1050, N0110)

SET 50' CL1 DUCTILE IRON POLE 7' DEEP W/ GROUND, 15.5' SOUTH

PROPOSED EASEMENT
WETLAND BUFFER
WETLAND
STREAM BUFFER
SHORELINE MGMT AREA
PROPERTY LINE
RIGHT-OF-WAY LINE
NEW SECONDARY CONDUCTOR
EXISTING TRANSMISSION LINE

- 60% DESIGN, 1/12/2022 PRELIMINARY USE ONLY
<table>
<thead>
<tr>
<th>Description</th>
<th>Notes</th>
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<tbody>
<tr>
<td>STRIP, TOP &amp; ABANDON POLE AND ANCHOR TO ZIPLY</td>
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<tr>
<td>REMOVE OLD DOWN GUYS AND PRIMARY ANCHOR</td>
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<tr>
<td>STENCIL POLE XD-339</td>
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<tr>
<td>TRANSFER EXISTING PRIMARY AND NEUTRAL CONDUCTORS, MATCH EXISTING TENSION</td>
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<tr>
<td>INSTALL (1) PRIMARY 3/8&quot; DOWN GUY TO ANCHOR, L=15' SOUTH (G0113)</td>
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<tr>
<td>INSTALL (2) 12&quot; SINGLE HELIX ANCHORS, L=20' &amp; 13' SOUTH (A0102)</td>
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<tr>
<td>INSTALL 3Ì DOUBLE DEADEND ASSEMBLY (12F311)</td>
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<tr>
<td>SET 50' CL1 DUCTILE IRON POLE 7' DEEP W/ GROUND, 13' NORTH (PFE1050, N0110)</td>
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<td>POLE XD-332</td>
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<td>STRIP, TOP &amp; ABANDON POLE TO ZIPLY</td>
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<tr>
<td>REMOVE OLD DOWN GUY</td>
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<tr>
<td>STENCIL POLE XD-331</td>
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<tr>
<td>ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS</td>
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<tr>
<td>REMOVE EXISTING 15KVA XFMR DIST #15-339438</td>
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<tr>
<td>INSTALL 1Ì DEADEND ASSEMBLY (12V109)</td>
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<tr>
<td>SET 40' CL2 DUCTILE IRON POLE 6' DEEP W/ GROUND, 115' SOUTHWEST (PFE2040, N0110)</td>
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<tr>
<td>NEW LATERAL POLE</td>
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<tr>
<td>STENCIL POLE XD-330</td>
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<tr>
<td>INSTALL 3Ì 10' SINGLE TANGENT ARM ASSEMBLY (12F303)</td>
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<tr>
<td>SET 50' CL1 POLE 7' DEEP W/ GROUND, 14' NORTHEAST (PW1050, N0110)</td>
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<tr>
<td>POLE XD-330, PLI 195897</td>
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<td>STRIP, TOP &amp; ABANDON POLE TO ZIPLY</td>
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<tr>
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<tr>
<td>STENCIL POLE XD-332</td>
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<tr>
<td>TRANSFER EXISTING PRIMARY AND NEUTRAL CONDUCTORS, SPLICE NEW WIRE TO REACH NEW POLE</td>
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<tr>
<td>STENCIL POLE XD-332</td>
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<tr>
<td>INSTALL 3Ì PRIMARY 3/8&quot; DOWN GUY TO ANCHOR, L=20' SOUTH (G0113)</td>
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<tr>
<td>INSTALL (1) 12&quot; SINGLE HELIX ANCHORS, L=20' SOUTH (A0102)</td>
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<tr>
<td>INSTALL RECLOSER ASSEMBLY, PER PUD STANDARD (12F614)</td>
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<tr>
<td>INSTALL 3Ì 10' DOUBLE DEADEND ASSEMBLY (12F311)</td>
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<tr>
<td>SET 50' CL1 POLE 7' DEEP W/ GROUND, 6' NORTH (PW1050, N0110)</td>
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<tr>
<td>POLE XD-336</td>
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<tr>
<td>STRIP, TOP &amp; ABANDON POLE AND ANCHOR TO ZIPLY</td>
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<tr>
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<tr>
<td>STENCIL POLE XD-336</td>
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<tr>
<td>TRANSFER RECLOSER #20014</td>
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<tr>
<td>INSTALL (1) PRIMARY 3/8&quot; DOWN GUY TO ANCHOR, L=15' SOUTH (G0113)</td>
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<td>INSTALL (1) 12&quot; SINGLE HELIX ANCHORS, L=20' SOUTH (A0102)</td>
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**Legend:**
- **CONSTRUCTION NOTES:**
- **DATE:**
- **BY:**
- **5G:**
- **OF:**
- **27:**
- **APVD:**
- **30:**
- **APVD:**
- **5A:**
- **195897:**
- **5C:**
- **5D:**
- **5B:**
- **5F:**
- **5E:**
- **RCL:**
- **20014:**
- **W E T L A N D  T:**
- **W E T L A N D  U:**
- **SHORELINE MGMT AREA:**
- **OHWM:**
- **STREAM BUFFER:**
- **PROPOSED EASEMENT:**
- **SHOULDER:**
- **NEW POLE TO REPLACE EXISTING POLE:**
- **NEW POLE:**
- **EXISTING POLE-TO BE REMOVED:**
- **EXISTING POLE:**
- **LEGEND:**
- **- 60% DESIGN, 1/12/2022 - PRELIMINARY USE ONLY**
CONSTRUCTION NOTES:

- 60% DESIGN, 1/12/2022 - PRELIMINARY USE ONLY

PROJECT - PHASE II
LINE IMPROVEMENTS
AND SYSTEM
SR 530 CONTROL ZONE

XD-349

LEGEND:
- PROPOSED EASEMENT
- STEEP SLOPES
- WETLAND BUFFER
- WETLAND
- STREAM BUFFER
- SHORELINE MGMT AREA
- OHWM
- LINE TO BE REMOVED
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- NEW SECONDARY CONDUCTOR
- NEW TRANSMISSION LINE
- EXISTING TRANSMISSION LINE
- NEW DISTRIBUTION LINE
- EXISTING DISTRIBUTION LINE
- NEW POLE TO REPLACE EXISTING POLE
- NEW POLE
- EXISTING POLE-TO-BE-REMOVED
- EXISTING POLE

PRELIMINARY USE ONLY
- 60% DESIGN, 1/12/2022 - PRELIMINARY USE ONLY

FILE: B:\Eng\WorkGroups\Transmission & Distribution\Luu\Relocations\2020 - SR 530, Phase II\Design\OH Design Drawings.dgn
CONSTRUCTION NOTES:

1. STRIP, TOP & ABANDON POLE AND ANCHOR TO ZIPLY
2. REMOVE OLD DOWN GUYS
3. STENCIL POLE XD-359
4. TRANSFER PRIMARY AND NEUTRAL CONDUCTORS, MATCH EXISTING TENSION
5. INSTALL (1) NEUTRAL 3/8" DOWN GUYS TO ANCHOR, L=10' NORTH (G0111)
6. INSTALL (1) PRIMARY 3/8" DOWN GUYS TO ANCHOR, L=10' NORTH (G0113)
7. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=10' NORTH (A0102)
8. INSTALL 3Ì 10' DOUBLE ARM LINE ANGLE ASSEMBLY (12F304)
9. SET 50' CL1 POLE 7' DEEP W/ GROUND, TIGHT SOUTH OF EXISTING (PW1050, N0110)
10. (CHECK WHY THIS POLE HAS TO MOVE, IT'S BEHIND A GUARD RAIL)
11. STRIP, TOP & ABANDON POLE AND ANCHOR TO ZIPLY
12. REMOVE OLD DOWN GUYS
13. STENCIL POLE XD-360
14. TRANSFER PRIMARY AND NEUTRAL CONDUCTORS, MATCH EXISTING TENSION
15. INSTALL (1) PRIMARY 3/8" DOWN GUYS TO ANCHOR, L=10' NORTH (G0113)
16. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=10' NORTH (A0102)
17. INSTALL 3Ì 10' DOUBLE ARM LINE ANGLE ASSEMBLY (12F304)
18. SET 35' CL2 DUCTILE IRON POLE 5.5' DEEP W/ GROUND, TIGHT SOUTH OF EXISTING (PFE2035, N0110)

POLE PLI# 187622

- PRELIMINARY USE ONLY -

- 60% DESIGN, 1/12/2022 -

PRELIMINARY USE ONLY
PROJECT - PHASE II
LINE IMPROVEMENTS
AND SYSTEM
SR 530 CONTROL ZONE
NO WORK

LEGEND:
- PROPOSED EASEMENT
- STEEP SLOPES
- WETLAND BUFFER
- WETLAND STREAM BUFFER
- SHORELINE MGMT AREA
- OHWM
- LINE TO BE REMOVED
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- NEW SECONDARY CONDUCTOR
- NEW TRANSMISSION LINE
- OLD SECONDARY CONDUCTOR
- OLD TRANSMISSION LINE
- NEW DISTRIBUTION LINE
- OLD DISTRIBUTION LINE
- NEW POLE TO REPLACE EXISTING POLE
- NEW POLE
- EXISTING POLE -TO BE REMOVED
- EXISTING POLE
- WIND DIRECTION
- WIND SPEED
- PREVIOUS EASEMENT
- CHECKED
REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS
INSTALL (1) NEUTRAL 3/8" DOWN GUY TO ANCHOR, L=10' NORTH (G0111)
INSTALL (1) PRIMARY 3/8" DOWN GUY TO ANCHOR, L=10' NORTH (G0113)

SEC VOLT __________/ __________/ _________
DIST #  ______________ , SER # ______________

REMOVE EXISTING 15KVA XFMR DIST #15-338724
INSTALL 3Ì DOUBLE ARM LINE ANGLE ASSEMBLY (12F304)
SET 50' CL1 DUCTILE IRON POLE 7' DEEP W/ GROUND, 13.5' NORTH OF EXISTING (PFE1050, N0110)
POLE XD-392
INSTALL (1) PRIMARY 3/8" DOWN GUY TO ANCHOR, L=10' SOUTH (G0113)
SET NEW 40' CL2 POLE 6' DEEP W/ GROUND, 50' SOUTH OF XD-391 (PW2040, N0110)
ATTACH NEW 336AAC PRIMARY AND 3/0AAC NEUTRAL CONDUCTORS
INSTALL (1) 3/8" SPAN GUY TO NEW GUY STUB POLE (G0202)

(WSDOT CONTROL ZONE = 18')

LEGEND:
• PROPOSED EASEMENT
• STREAM BUFFER
• WETLAND BUFFER
• SHORELINE MGMT AREA
• OHWM
• NEW TRANSMISSION LINE
• EXISTING TRANSMISSION LINE
• NEW DISTRIBUTION LINE
• EXISTING DISTRIBUTION LINE
• NEW POLE TO REPLACE EXISTING POLE
• NEW POLE
• EXISTING POLE-TO BE REMOVED
• EXISTING POLE
• PROPERTY LINE
• LINE TO BE REMOVED
• 60% DESIGN, 1/12/2022 - PRELIMINARY USE ONLY

- 60% DESIGN, 1/12/2022 - PRELIMINARY USE ONLY
**CONSTRUCTION NOTES:**

- **POLE XD-419**
  - Remove pole stub, backfill hole and restore work area per guidelines.
  - Remove old primary and neutral conductors.
  - Attach new 336AAC and 3/0AAC conductors.
  - Install 3Ì 10' single arm tangent assembly (12F303).

- **POLE XD-420**
  - Remove pole stub, backfill hole and restore work area per guidelines.
  - Attach 336AAC primary and 3/0AAC neutral conductors.
  - Install 3Ì 10' single arm tangent assembly (12F303).

- **POLE XD-421**
  - Remove existing primary and neutral conductors.
  - Install (1) primary 3/8" down guy to anchor, L=7' south (G0113).
  - Install (1) 12" single helix anchor, L=7' south (A0102).
  - Reframe pole as 3Ì 10' single arm tangent assembly (12F303).

- **POLE XD-423**
  - Remove existing primary and neutral conductors.
  - Attach new 336AAC and 3/0AAC conductors.
  - Install (1) primary 3/8" down guy to anchor, L=7' south (G0113).
  - Install (1) 12" single helix anchor, L=7' south (A0102).
  - Reframe pole as 3Ì 10' single arm tangent assembly (12F303).

- **POLE XD-424**
  - Remove pole stub, backfill hole and restore work area per guidelines.
  - Attach 336AAC primary and 3/0AAC neutral conductors.
  - Install 3Ì 10' single arm tangent assembly (12F303).

- **POLE XD-425**
  - Remove old primary and neutral conductors.
  - Stencil pole XD-425.
  - Attach 336AAC primary and 3/0AAC neutral conductors.
  - Install 3Ì 10' single arm tangent assembly (12F303).

- **POLE XD-426**
  - Remove existing primary and neutral conductors.
  - Transfer secondary service conductor.
  - Dist # ______________, Ser # ______________.
  - Install new 15 KVA xfmr (12F601, BA21L, E1006).
  - Install (1) neutral 3/8" down guy to anchor, L=10' south (G0111).
  - Install (1) 12" single helix anchor, L=10' south (A0102).
  - Install 3Ì 10' double arm line angle assembly (12F304).

- **POLE XD-427**
  - Remove pole stub, backfill hole and restore work area per guidelines.
  - Stencil pole XD-427.
  - Attach new 336AAC and 3/0AAC conductors.
  - Transfer primary and neutral 1Ì UG lateral.
  - Intercept existing conduit and cable, re-route per UG drawing #8504.
  - Install (1) neutral 3/8" down guy to anchor, L=10' south (G0111).
  - Install (1) 12" single helix anchor, L=10' south (A0102).
  - Install service insulator for overhead service (I0102).

- **POLE #112901**
  - Remove pole stub, backfill hole and restore work area per guidelines.
  - Transfer existing area light #AL-110808.
  - Transfer existing secondary service conductor.
  - Set 35' CL2 pole 5.5' deep w/ ground, set in place (PW2035, N0110).
  - (WSDOT CONTROL ZONE = 26').

**NOTES:**

- **LAYOUT**
  - 1" = 100'

**PROJECT - PHASE II**

**PUBLIC UTILITY DISTRICT NO 1**

**DATE:** 13-Jan-22 08:03
CONSTRUCTION NOTES:

1. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
2. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS
3. STENCIL POLE XD-446
4. TRANSFER EXISTING PRIMARY RISER
5. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
6. INSTALL 3Ì 10' SINGLE ARM TANGENT ASSEMBLY (12F303)

POLE XD-445

1. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS
2. REMOVE OLD DOWN GUY AND ANCHOR
3. STENCIL POLE XD-444
4. INSTALL (1) PRIMARY 3/8" DOWN GUY TO ANCHOR, L=10' NORTH (G0113)
5. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=10' NORTH (A0102)

POLE XD-443

1. REMOVE EXISTING PRIMARY AND NEUTRAL CONDUCTORS
2. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
3. INSTALL 3Ì DOUBLE DEADEND ASSEMBLY (12F311), FUSE AND TAP PER SCHEMATIC (E0305, RO103)
4. SET 50' CL1 POLE 7' DEEP W/ GROUND, 2' SOUTHWEST OF EXISTING (PW1050, N0110)

POLE XD-452

1. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
2. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS
3. STENCIL POLE XD-451
4. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
5. INSTALL 3Ì 10' SINGLE ARM TANGENT ASSEMBLY (12F303)
6. SET 50' CL1 POLE 7' DEEP W/ GROUND, 4' SOUTHEAST OF EXISTING (PW1050, N0110)

POLE XD-450

1. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
2. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS
3. STENCIL POLE XD-449
4. INSTALL 3Ì 10' SINGLE ARM TANGENT ASSEMBLY (12F303)
5. SET 50' CL1 POLE 7' DEEP W/ GROUND, TIGHT EAST OF EXISTING (PW1050, N0110)

POLE XD-448

1. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
2. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS
3. STENCIL POLE XD-447
4. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
5. INSTALL 3Ì 10' SINGLE ARM TANGENT ASSEMBLY (12F303)
6. SET 55' CL1 POLE 7.5' DEEP W/ GROUND, TIGHT EAST OF EXISTING (PW1055, N0110)

POLE XD-442

1. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
2. REMOVE OTHER PRIMARY AND NEUTRAL CONDUCTORS
3. STENCIL POLE XD-446
4. TRANSFER EXISTING PRIMARY RISER
5. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
6. INSTALL 3Ì 10' SINGLE ARM TANGENT ASSEMBLY (12F303)

SET 50' CL1 POLE 7' DEEP W/ GROUND, TIGHT EAST OF EXISTING (PW1050, N0110)
CONSTRUCTION NOTES:

1. REMOVE EXISTING SECONDARY SERVICE CONDUCTOR
2. STRIP, TOP, AND ABANDON POLE AND ANCHOR TO ZIPLY
3. REMOVE OLD DOWN GUY
4. INSTALL 3Ì 10' DOUBLE ARM LINE ANGLE ASSEMBLY (12F304)
5. POLE XD-456
6. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
7. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
8. INSTALL 3Ì 10' SINGLE ARM TANGENT ASSEMBLY (12F303)
9. POLE XD-455
10. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS
11. STENCIL POLE XD-457
12. INSTALL 3Ì 10' BRACELESS ALLEY ARM TANGENT ASSEMBLY (12F337, X0553)
13. SET 50' CL1 POLE 7' DEEP W/ GROUND, 4' NORTH & 2' EAST OF EXISTING (PW1050, N0110)
14. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
15. TRANSFER EXISTING SECONDARY SERVICE CONDUCTORS
16. INSTALL (1) PRIMARY 3/8" DOWN GUY TO ANCHOR, L=10' NORTH (G0113)
17. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=10' NORTH (A0102)
18. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS
19. STENCIL POLE XD-458
20. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
21. POLE XD-458
22. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS
23. STENCIL POLE XD-459
24. INSTALL (3) PRIMARY 3/8" DOWN GUYS TO ANCHOR, L=15' NORTHWEST, L=15' EAST, L=25' NORTHEAST (G0113)
25. SET 50' CL1 POLE 7.5' DEEP W/ GROUND, TIGHT WEST OF EXISTING (PW1055, N0110)
26. INSTALL (3) PRIMARY 3/8" DOWN GUYS TO ANCHOR, L=15' WEST, L=15' SOUTHEAST, L=25' & 10' & 10' SOUTHWEST (G0113)
27. INSTALL (2) 1Ì END-OF-ARM TAP ASSEMBLIES (12V115), FUSE AND TAP
28. INSTALL 3Ì DOUBLE DEADEND ASSEMBLY (12F311)
29. POLE XD-460
30. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
31. SET 35' CL2 DUCTILE IRON POLE 5.5' DEEP W/ GROUND, TIGHT SOUTH OF EXISTING (PFE2035, N0110)
32. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
33. REMOVE EXISTING DOWN GUY AND ANCHOR
34. TRANSFER EXISTING PRIMARY, NEUTRAL, AND SECONDARY SERVICE CONDUCTORS
35. SEC VOLT __________/ __________/ _________
36. SER # ______________
37. REMOVE EXISTING 15KVA XFMR DIST #15-18717
38. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=10' SOUTH (A0102)
39. INSTALL 3Ì 10' SINGLE ARM TANGENT ASSEMBLY (12F303)
40. POLE XD-462
41. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
42. SET 35' CL2 DUCTILE IRON POLE 5.5' DEEP W/ GROUND, TIGHT SOUTH OF EXISTING (PFE2035, N0110)
43. REMOVE EXISTING DOWN GUY
44. TRANSFER EXISTING PRIMARY, NEUTRAL, AND SECONDARY SERVICE CONDUCTORS
45. SEC VOLT __________/ __________/ _________
46. SER # ______________
47. REMOVE EXISTING 15KVA XFMR DIST #15-18717
48. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=10' SOUTH (A0102)
49. INSTALL 3Ì 10' SINGLE ARM TANGENT ASSEMBLY (12F303)
50. POLE XD-463
51. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
52. SET 50' CL1 POLE 7' DEEP W/ GROUND, 3.5' NORTHEAST OF EXISTING (PW1050, N0110)
53. REMOVE EXISTING DOWN GUY
54. FUSE AND TAP PER SCHEMATIC (E0202, E1025)
55. INSTALL 1Ì END-OF-ARM TAP CONNECTED TO OPPOSITE PHASE ASSEMBLY (12V116)
56. SET 50' CL1 POLE 7' DEEP W/ GROUND, 3.5' NORTHEAST OF EXISTING (PW1050, N0110)
57. INSTALL 3Ì SINGLE ARM TANGENT ASSEMBLY (12F303)
58. SET 50' CL1 POLE 7' DEEP W/ GROUND, 3.5' NORTHEAST OF EXISTING (PW1050, N0110)
CONSTRUCTION NOTES:

1. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES.
2. REMOVE OLD DOWN GUYS AND ANCHOR.
3. STENCIL POLE XD2W-1.
4. INSTALL NEW 15 KVA XFMR (12F601, BA21L, E1006).
5. REMOVE EXISTING 15KVA XFMR DIST #15-22229.
6. INSTALL (1) NEUTRAL 3/8" DOWN GUY TO ANCHOR, L=10' NORTH (G0111).
7. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=10' NORTH (A0102).
8. INSTALL 1Ì VERTICAL TANGENT ASSEMBLY (12F102).
9. STENCIL POLE XD-465.
10. REMOVE EXISTING 15KVA XFMR DIST #15-349637.
11. INSTALL (1) NEUTRAL 3/8" DOWN GUY TO ANCHOR, L=10' SOUTH (G0111).
12. INSTALL (1) PRIMARY 3/8" DOWN GUY TO ANCHOR, L=10' SOUTH (G0113).
13. INSTALL (1) 12" SINGLEHELIX ANCHOR, L=10' SOUTH (A0102).
14. PER SCHEMATIC (E0202, E1040).
15. SET 50' CL1 POLE 7' DEEP W/ GROUND, 2' NORTHEAST OF EXISTING (PW1050, N0110).
16. ATTACH NEW (EAST) 336AAC AND 3/0AAC CONDUCTORS.
17. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=13' NORTHEAST (A0102).
18. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES.
19. STENCIL POLE XD-467.
20. INSTALL 3Ì SINGLE ARM TANGENT ASSEMBLY (12F303).
21. STRIP, TOP, AND ABANDON POLE TO ZIPLY.
22. TRANSFER PRIMARY & NEUTRAL LATERAL CONDUCTORS, MATCH EXISTING TENSION.
23. INSTALL (1) 3/8" SPAN GUY TO POLE PLI #113103 (G0202).
24. INSTALL 3Ì SINGLE ARM TANGENT ASSEMBLY (12F303).
25. STRIP, TOP, AND ABANDON POLE TO ZIPLY.
26. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS.
27. SET 50' CL1 POLE 7' DEEP W/ GROUND, 2' SOUTHWEST OF EXISTING (PW1050, N0110).
28. POLE XD-471.
29. REMOVE EXISTING PRIMARY AND NEUTRAL CONDUCTORS.
30. STENCIL POLE XD-472.
31. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS.
32. INSTALL 3Ì 10' SINGLE ARM TANGENT ASSEMBLY (12F303).
33. SET 50' CL1 POLE 7' DEEP W/ GROUND, 1.5' SOUTHWEST OF EXISTING (PW1050, N0110).
34. POLE XD-471.
35. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS.
36. STENCIL POLE XD-474.
37. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS.
38. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=10' SOUTHWEST (A0102).
39. INSTALL 1Ì END-OF-ARM TAP CONNECTED TO OPPOSITE PHASE ASSEMBLY (12V116), FUSE AND TAP PER SCHEMATIC (E0202, E1065).
40. SET 50' CL1 POLE 7' DEEP W/ GROUND, 5.5' SOUTHWEST & 12' SOUTHEAST OF EXISTING (PW1050, N0110).
41. POLE XD-475.
42. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS.
43. STENCIL POLE XD-474.
44. POLE XD-474.
45. STRIP, TOP, AND ABANDON POLE TO ZIPLY.
46. TRANSFER PRIMARY AND NEUTRAL CONDUCTORS, MATCH EXISTING TENSION.
47. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS.
48. STENCIL POLE XD-475.
49. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS.
50. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=10' SOUTHWEST (A0102).
51. INSTALL 1Ì END-OF-ARM TAP ASSEMBLY (12V115), FUSE AND TAP PER SCHEMATIC (E0202, E1065).
52. SET 50' CL1 POLE 7' DEEP W/ GROUND, 5.5' SOUTHWEST & 12' SOUTHEAST OF EXISTING (PW1050, N0110).
53. POLE XD-475.
CONSTRUCTION NOTES:

1. INSTALL (1) PRIMARY 3/8" DOWN GUY TO ANCHOR, L=10' NORTHEAST (G0113)
2. INSTALL (1) 12" SINGLE HELIX ANCHOR, L=10' NORTHEAST (A0102)
3. SET NEW 40' CL2 POLE 6' DEEP W/ GROUND, __' NORTHEAST OF XD-482 (PW2040, N0110)
4. NEW GUY STUB FOR XD-482
5. STRIP, TOP, AND ABANDON POLE TO ZIPLY
6. INSTALL (1) PRIMARY 3/8" SPAN GUY TO NEW GUY STUB POLE (G0202)
7. SET 50' CL1 POLE 7' DEEP W/ GROUND, 7' SOUTHWEST OF EXISTING (PW1050, N0110)
8. STRIP, TOP, AND ABANDON POLE TO ZIPLY
9. STENCIL POLE XD-481
10. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
11. POLE XD-481
12. STRIP, TOP, AND ABANDON POLE TO ZIPLY
13. STENCIL POLE XD-480
14. INSTALL 3Ì UNDERBUILD 10' SINGLE ARM TANGENT ASSEMBLY (12F305)
15. SET 50' CL1 POLE 7' DEEP W/ GROUND, 4' SOUTHWEST OF EXISTING (PW1050, N0110)
16. STRIP, TOP, AND ABANDON POLE TO ZIPLY
17. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS
18. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
19. INSTALL 3Ì 7' BRACELESS ALLEY ARM TANGENT ASSEMBLY (12F339, X0551)
20. SET 45' CL2 POLE 7' DEEP W/ GROUND, 5' SOUTHWEST OF EXISTING (PW2045, N0110)
21. POLE XD-479
22. REMOVE EXISTING PRIMARY AND NEUTRAL CONDUCTORS
23. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
24. INSTALL (1) PRIMARY SPAN GUY TO PLI #113131 (G0202)
25. INSTALL 1Ì END-OF-ARM TAP ASSEMBLY (12V115), FUSE AND TAP PER SCHEMATIC (E0202, E1015)
26. INSTALL 3Ì BUCK ARM ASSEMBLY (12F318), FUSE AND TAP PER SCHEMATIC (E0202, E1025)
27. INSTALL 3Ì DOUBLE DEADEND ASSEMBLY (12F311)
28. SET 50' CL1 POLE 7' DEEP W/ GROUND, TIGHT SOUTH OF EXISTING (PW1050, N0110)
29. POLE XD-485
30. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
31. REMOVE OLD PRIMARY AND NEUTRAL CONDUCTORS
32. STENCIL POLE XD-486
33. ATTACH NEW 336AAC AND 3/0AAC CONDUCTORS
34. INSTALL (1) PRIMARY SPAN GUY TO PLI #113131 (G0202)
35. INSTALL 1Ì END-OF-ARM TAP ASSEMBLY (12V115), FUSE AND TAP PER SCHEMATIC (E0202, E1015)
36. INSTALL 3Ì BUCK ARM ASSEMBLY (12F318), FUSE AND TAP PER SCHEMATIC (E0202, E1025)
37. INSTALL 3Ì DOUBLE DEADEND ASSEMBLY (12F311)
38. SET 50' CL1 POLE 7' DEEP W/ GROUND, TIGHT SOUTH OF EXISTING (PW1050, N0110)
39. POLE XD-485
40. REMOVE POLE STUB, BACKFILL HOLE AND RESTORE WORK AREA PER GUIDELINES
41. INSTALL (1) PRIMARY 3/8" DOWN GUY TO ANCHOR, L=15' NORTH (G0113)
42. POLE #113131
43. 60% DESIGN, 1/12/2022 - PRELIMINARY USE ONLY
CONSTRUCTION NOTES:

- Strip, top & abandon pole to Zippy pole XD-491.
- Install new 15 kVA xfmr (12F601, BA21L, E1006) with serial # __________.
- Install 3-ì 10' single arm tangent assembly (12F303).
- Remove old primary and neutral conductors.
- Remove old down guy.
- Stencil pole XD-491.
- Install (1) 12" single helix anchor, L=10' south (A0102).
- Install 1-ì end-of-arm tap assembly (12V115), fuse and tap pole XD-493.
- Remove existing primary and neutral conductors.
- Re-frame pole as 3-ì 10' single arm tangent assembly (12F303).
- Strip, top & abandon pole and anchor to Zippy pole XD-491.
- Stencil pole XD-491.
- Attach new 336AAC and 3/0AAC conductors.
- Install (1) primary 3/8" down guy to anchor, L=10' south (G0113).
- Install (1) 12" single helix anchor, L=10' south (A0102).
- Set 45' CL2 pole 6.5' deep w/ ground, 5' east of existing (PW2045, N0110).
- 60% DESIGN, 8/24/2021 - PRELIMINARY USE ONLY

BEFORE SCHEMATIC

AFTER SCHEMATIC
### TABLE 1:
**Conductor:** 336.4 kcmil 19 Strand AAC "Tulip"  
**Ruling Span:** 270.00 ft  
**Stringing Sag Table Using Initial Sag**

<table>
<thead>
<tr>
<th>Cond. Temp ˚F</th>
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<th>70.0</th>
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<td>H Tens</td>
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<td>366</td>
<td>343</td>
<td>323</td>
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### TABLE 2:
**Conductor:** #3/0 AWG 7 Strand AAC "Phlox"  
**Ruling Span:** 315.00 ft  
**Stringing Sag Table Using Initial Sag**

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<td>H Tens</td>
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<td>1194</td>
<td>1082</td>
<td>987</td>
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### TABLE 3:
**Conductor:** #3/0 AWG 7 Strand AAC "Phlox"  
**Ruling Span:** 250.00 ft  
**Stringing Sag Table Using Initial Sag**

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<td>Max Tension</td>
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### TABLE 4:
**Conductor:** #3/0 AWG 7 Strand AAC "Phlox"  
**Ruling Span:** 250.00 ft  
**Stringing Sag Table Using Initial Sag**

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### TABLE 5:
**Conductor:** #3/0 AWG 7 Strand AAC "Phlox"  
**Ruling Span:** 250.00 ft  
**Stringing Sag Table Using Initial Sag**

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<td>Max Tension</td>
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### TABLE 6:
**Conductor:** 336.4 kcmil 19 Strand AAC "Tulip"  
**Ruling Span:** 300.00 ft  
**Stringing Sag Table Using Initial Sag**

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### TABLE 7:
**Conductor:** 336.4 kcmil 19 Strand AAC "Tulip"  
**Ruling Span:** 300.00 ft  
**Stringing Sag Table Using Initial Sag**

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<tbody>
<tr>
<td>H Tens</td>
<td>426</td>
<td>384</td>
<td>350</td>
<td>322</td>
<td>301</td>
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<tr>
<td>Max Tension</td>
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### TABLE 8:
**Conductor:** 336.4 kcmil 19 Strand AAC "Tulip"  
**Ruling Span:** 300.00 ft  
**Stringing Sag Table Using Initial Sag**

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<td>H Tens</td>
<td>426</td>
<td>384</td>
<td>350</td>
<td>322</td>
<td>301</td>
<td>280</td>
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<td>Max Tension</td>
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### TABLE 9:
**Conductor:** 336.4 kcmil 19 Strand AAC "Tulip"  
**Ruling Span:** 300.00 ft  
**Stringing Sag Table Using Initial Sag**

<table>
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<tr>
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<td>H Tens</td>
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</tbody>
</table>

- 60% DESIGN, 8/24/2021 -  
PRELIMINARY USE ONLY

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STRING (23) SPANS, 5,327 CIRCUIT FT OF (3) 336AAC PRIMARY (SAG TABLE 17) & (1) 3/0AAC NEUTRAL CONDUCTORS (SAG TABLE 18) FROM XD-490 TO XD-512

STRING (5) SPANS, 1,009 CIRCUIT FT OF (3) 336AAC PRIMARY (SAG TABLE 15) & (1) 3/0AAC NEUTRAL CONDUCTORS FROM XD-485 TO XD-490

STRING (17) SPANS, 4,376 CIRCUIT FT OF (3) 336AAC PRIMARY (SAG TABLE 5) & (1) 3/0AAC NEUTRAL CONDUCTORS (SAG TABLE 6) FROM XD-468 TO XD-485

STRING (6) SPANS, 1,485 CIRCUIT FT OF (3) 336AAC PRIMARY (SAG TABLE 13) & (1) 3/0AAC NEUTRAL CONDUCTORS (SAG TABLE 14) FROM XD-452 TO XD-459

STRING (14) SPANS, 3,781 CIRCUIT FT OF (3) 336AAC PRIMARY (SAG TABLE 3) & (1) 3/0AAC NEUTRAL CONDUCTORS (SAG TABLE 4) FROM XD-438 TO XD-452

STRING (1) SPANS, 143 CIRCUIT FT OF (3) 336AAC PRIMARY (SAG TABLE 11) & (1) 3/0AAC NEUTRAL CONDUCTORS (SAG TABLE 12) FROM XD-437 TO XD-438

STRING (7) SPANS, 1,722 CIRCUIT FT OF (3) 336AAC PRIMARY (SAG TABLE 3) & (1) 3/0AAC NEUTRAL CONDUCTORS (SAG TABLE 4) FROM XD-431 TO XD-437

STRING (1) SPAN, 136 CIRCUIT FT OF (3) 336AAC PRIMARY (SAG TABLE 11) & (1) 3/0AAC NEUTRAL CONDUCTORS (SAG TABLE 12) FROM XD-430 TO XD-431

STRING (15) SPANS, 3,765 CIRCUIT FT OF (3) 336AAC PRIMARY & (1) 3/0AAC NEUTRAL CONDUCTORS FROM XD-415 TO XD-430

STRING (2) SPANS, 194 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS (SAG TABLE 10) FROM XD-414 TO XD-415

STRING (3) SPANS, 831 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS (SAG TABLE 8) FROM XD-411 TO XD-414

STRING (14) SPANS, 3,550 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-391 TO XD-406

STRING (18) SPANS, 4,618 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-313 TO XD-331

STRING (2) SPANS, 629 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS (SAG TABLE 2) FROM XD-310 TO XD-313

INSTALL:

REMOVE (23) SPANS, 5,327 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-490 TO XD-512

REMOVE (5) SPANS, 1,009 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-468 TO XD-485

REMOVE (17) SPANS, 4,376 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-415 TO XD-430

REMOVE (6) SPANS, 1,485 CIRCUIT FT OF (3) 3/0AAC PRIMARY & (1) 3/0AAC NEUTRAL CONDUCTORS FROM XD-452 TO XD-459

REMOVE (14) SPANS, 3,781 CIRCUIT FT OF (3) 3/0AAC PRIMARY & (1) 3/0AAC NEUTRAL CONDUCTORS FROM XD-438 TO XD-452

REMOVE (1) SPANS, 143 CIRCUIT FT OF (3) 1/0ACSR PRIMARY & (1) 1/0ACSR NEUTRAL CONDUCTORS FROM XD-437 TO XD-438

REMOVE (7) SPANS, 1,722 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-431 TO XD-437

REMOVE (1) SPAN, 136 CIRCUIT FT OF (3) 3/0AAC PRIMARY & (1) 3/0AAC NEUTRAL CONDUCTORS FROM XD-430 TO XD-431

REMOVE (15) SPANS, 3,765 CIRCUIT FT OF (3) 3/0AAC PRIMARY & (1) 3/0AAC NEUTRAL CONDUCTORS FROM XD-415 TO XD-430

REMOVE (2) SPANS, 194 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-414 TO XD-415

REMOVE (3) SPANS, 831 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-411 TO XD-414

REMOVE (14) SPANS, 3,550 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-391 TO XD-406

REMOVE (18) SPANS, 4,618 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-313 TO XD-331

REMOVE (2) SPANS, 629 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-310 TO XD-313

REMOVE (23) SPANS, 5,327 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-490 TO XD-512

REMOVE (5) SPANS, 1,009 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-468 TO XD-485

REMOVE (17) SPANS, 4,376 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-415 TO XD-430

REMOVE (6) SPANS, 1,485 CIRCUIT FT OF (3) 3/0AAC PRIMARY & (1) 3/0AAC NEUTRAL CONDUCTORS FROM XD-452 TO XD-459

REMOVE (14) SPANS, 3,781 CIRCUIT FT OF (3) 3/0AAC PRIMARY & (1) 3/0AAC NEUTRAL CONDUCTORS FROM XD-438 TO XD-452

REMOVE (1) SPANS, 143 CIRCUIT FT OF (3) 1/0ACSR PRIMARY & (1) 1/0ACSR NEUTRAL CONDUCTORS FROM XD-437 TO XD-438

REMOVE (7) SPANS, 1,722 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-431 TO XD-437

REMOVE (1) SPAN, 136 CIRCUIT FT OF (3) 3/0AAC PRIMARY & (1) 3/0AAC NEUTRAL CONDUCTORS FROM XD-430 TO XD-431

REMOVE (15) SPANS, 3,765 CIRCUIT FT OF (3) 3/0AAC PRIMARY & (1) 3/0AAC NEUTRAL CONDUCTORS FROM XD-415 TO XD-430

REMOVE (2) SPANS, 194 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-414 TO XD-415

REMOVE (3) SPANS, 831 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-411 TO XD-414

REMOVE (14) SPANS, 3,550 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-391 TO XD-406

REMOVE (18) SPANS, 4,618 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-313 TO XD-331

REMOVE (2) SPANS, 629 CIRCUIT FT OF (3) #4CU PRIMARY & (1) #4CU NEUTRAL CONDUCTORS FROM XD-310 TO XD-313