| Dwg. No. | Drawing Title | Date | Rev. | Date | Rev |
|--------------------|--|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|------|--------|
| SRS-E-600-00 | Electrical Collector System Cover Sheet and Drawing Index | 01/29/21 | Α | 05/18/21 | В | 07/02/21 | С | 07/20/21 | D | 12/08/21 | E | 01/18/22 | F | • | |
| SRS-E-610-01 | 34.5KV Collector line Plan and Profile - Key Map | 01/29/21 | Α | 07/02/21 | В | 07/20/21 | С | 01/18/22 | D | | | | | | |
| SRS-E-610-02 | 34.5KV Collector line Plan and Profile - Sheet 1 | 01/29/21 | Α | 07/02/21 | В | 07/20/21 | С | 01/18/22 | D | | | | | | |
| SRS-E-610-02_SUP A | 34.5KV Collector line Plan and Profile - Supplement A | 11/24/21 | Α | 12/08/21 | В | 01/18/22 | С | | | | | | | | |
| SRS-E-610-03 | 34.5KV Collector line Plan and Profile - Sheet 2 | 01/29/21 | Α | 07/02/21 | В | 07/20/21 | С | 01/18/22 | D | | | | | | |
| SRS-E-610-04 | 34.5KV Collector line Plan and Profile - Sheet 3 | 01/29/21 | Α | 07/02/21 | В | 07/20/21 | С | 01/18/22 | D | | | | | | |
| SRS-E-610-05 | 34.5KV Collector line Plan and Profile - Sheet 4 | 01/29/21 | Α | 07/02/21 | В | 07/20/21 | С | 01/18/22 | D | | | | | | |
| SRS-E-610-06 | 34.5KV Collector line Plan and Profile - Sheet 5 | 01/29/21 | Α | 07/02/21 | В | 07/20/21 | С | 01/18/22 | D | | | | | | |
| SRS-E-610-07 | 34.5KV Collector line Plan and Profile - Sheet 6 | 01/29/21 | Α | 07/02/21 | В | 07/20/21 | С | 01/18/22 | D | | | | | | |
| SRS-E-610-08 | 34.5KV Collector line Plan and Profile - Sheet 7 | 01/29/21 | Α | 07/02/21 | В | 07/20/21 | С | 01/18/22 | D | | | | | | |
| SRS-E-610-09 | 34.5KV Collector line Plan and Profile - Sheet 8 | 01/29/21 | Α | 07/02/21 | В | 07/20/21 | С | 01/18/22 | D | | | | | | |
| SRS-E-610-10 | 34.5KV Collector line Plan and Profile - Sheet 9 | 01/29/21 | Α | 07/02/21 | В | 07/20/21 | С | 01/18/22 | D | | | | | | |
| SRS-E-620-01_SUP A | Single Line Diagram and Cable Schedule - Feeder 1 - Supplement A | 11/24/21 | Α | | | | | | | | | | | | |
| SRS-E-620-02_SUP A | Single Line Diagram and Cable Schedule - Feeder 2 - Supplement A | 11/24/21 | Α | | | | | | | | | | | | |
| SRS-E-620-03_SUP A | Single Line Diagram and Cable Schedule - Feeder 3 - Supplement A | 11/24/21 | Α | | | | | | | | | | | | |
| SRS-E-620-04_SUP A | Single Line Diagram and Cable Schedule - Feeder 4 - Supplement A | 11/24/21 | Α | | | | | | | | | | | | |
| SRS-E-620-05_SUP A | BESS Single Line Diagram and Cable Schedule - Supplement A | 11/24/21 | Α | | | | | | | | | | | | |
| SRS-E-640-01 | Collector System Cable Trenching and Burial Details | 01/29/21 | Α | 05/21/21 | В | 07/02/21 | С | 01/18/22 | D | | | | | | |
| SRS-E-640-01_SUP A | Cable Trenching and Burial Details - Supplement A | 11/24/21 | Α | 12/08/21 | В | 01/18/22 | С | | | | | | | | |
| SRS-E-640-02 | Underground Cable Splicing Details | 01/29/21 | Α | 05/21/21 | В | 07/02/21 | С | | | | | | | | |
| SRS-E-640-03 | Typical Road and Wetland Crossing Details | 01/29/21 | Α | 05/21/21 | В | 07/02/21 | С | | | | | | | | |
| SRS-E-640-04 | Typical Underground Pipeline Crossing Details | 01/29/21 | Α | 05/21/21 | В | 07/02/21 | С | | | | | | | | |
| SRS-E-640-05 | Typical Protected Vegetation Crossing Details | 01/29/21 | Α | 05/21/21 | В | 07/02/21 | С | | | | | | | | |
| SRS-E-650-01 | Junction Box Details | 01/29/21 | Α | 05/21/21 | В | 07/02/21 | С | | | | | | | | |
| SRS-E-650-02 | Pad-Mounted Switchgear Details | 01/29/21 | Α | 05/21/21 | В | 07/02/21 | С | | | | | | | | |
| SRS-E-660-01 | Typical Single Circuit Framing Details - Tangent Poles | 01/29/21 | Α | 05/21/21 | В | 07/02/21 | С | | | | | | | | |
| SRS-E-660-02 | Typical Single Circuit Framing Details - Dead-End Poles | 01/29/21 | Α | 05/21/21 | В | 07/02/21 | С | | | | | | | | |
| SRS-E-660-03 | Typical Triple Circuit Framing Details | 01/29/21 | Α | 05/21/21 | В | 07/02/21 | С | | | | | | | | \top |
| SRS-E-663-01 | Typical Guy and Anchor Details | 01/29/21 | Α | 05/21/21 | В | 07/02/21 | С | | | | | | | | |

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SOUTH RIPLEY SOLAR PROJECT

PREPARED FOR: CONNECTGEN CHAUTAUQUA

COUNTY, LLC

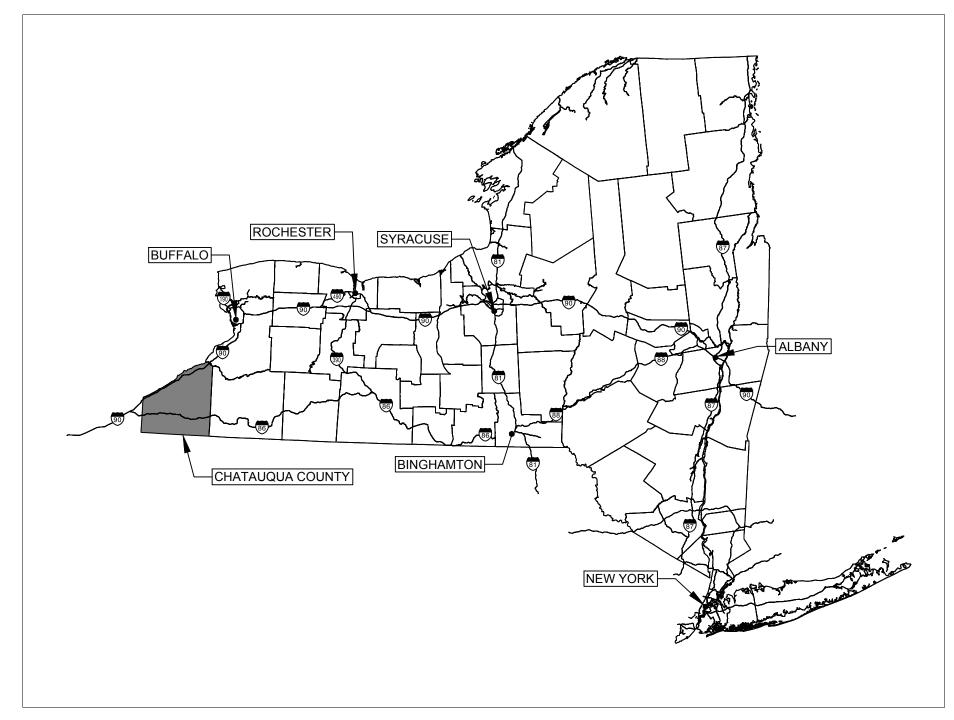
PREPARED BY: MOTT MACDONALD NY, INC

ISSUE DATE: JANUARY 18, 2022 ISSUE STATUS: RE-ISSUED FOR 94-C

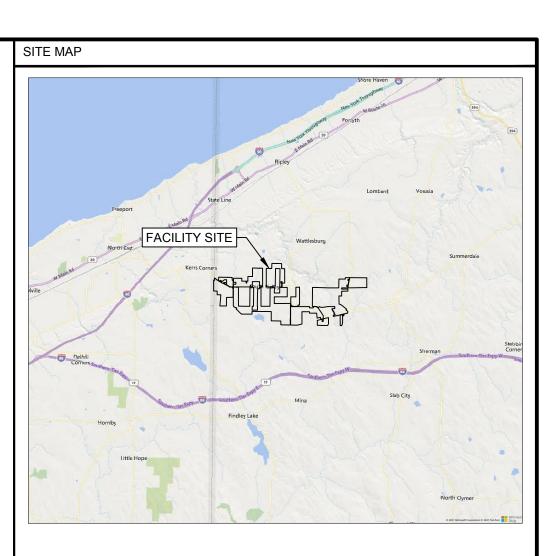
PROJECT DATA:

LOCATION: CHAUTAUQUA COUNTY, NY PROJECTION: STATE PLANE NAD 83 (NY83-WF)

POWER GENERATED: 270 MWac



THE STATE OF NEW YORK



| F | 01/18/2022 | EHK | ISSUED FOR 94-C | JS | RA |
|-----|------------|-------|-------------------|--------|-------|
| Е | 12/08/2021 | EHK | ISSUED FOR REVIEW | JS | RA |
| D | 07/20/2021 | EHK | ISSUED FOR REVIEW | JS | RA |
| С | 07/02/2021 | EHK | ISSUED FOR REVIEW | JAB | JAB |
| В | 05/18/2021 | EHK | ISSUED FOR REVIEW | | JB |
| Α | 01/29/2021 | EHK | ISSUED FOR REVIEW | BG | JB |
| Rev | Date | Drawn | Description | Ch'k'd | App'd |

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SOUTH RIPLEY SOLAR
MVAC ELECTRICAL COLLECTOR SYSTEM
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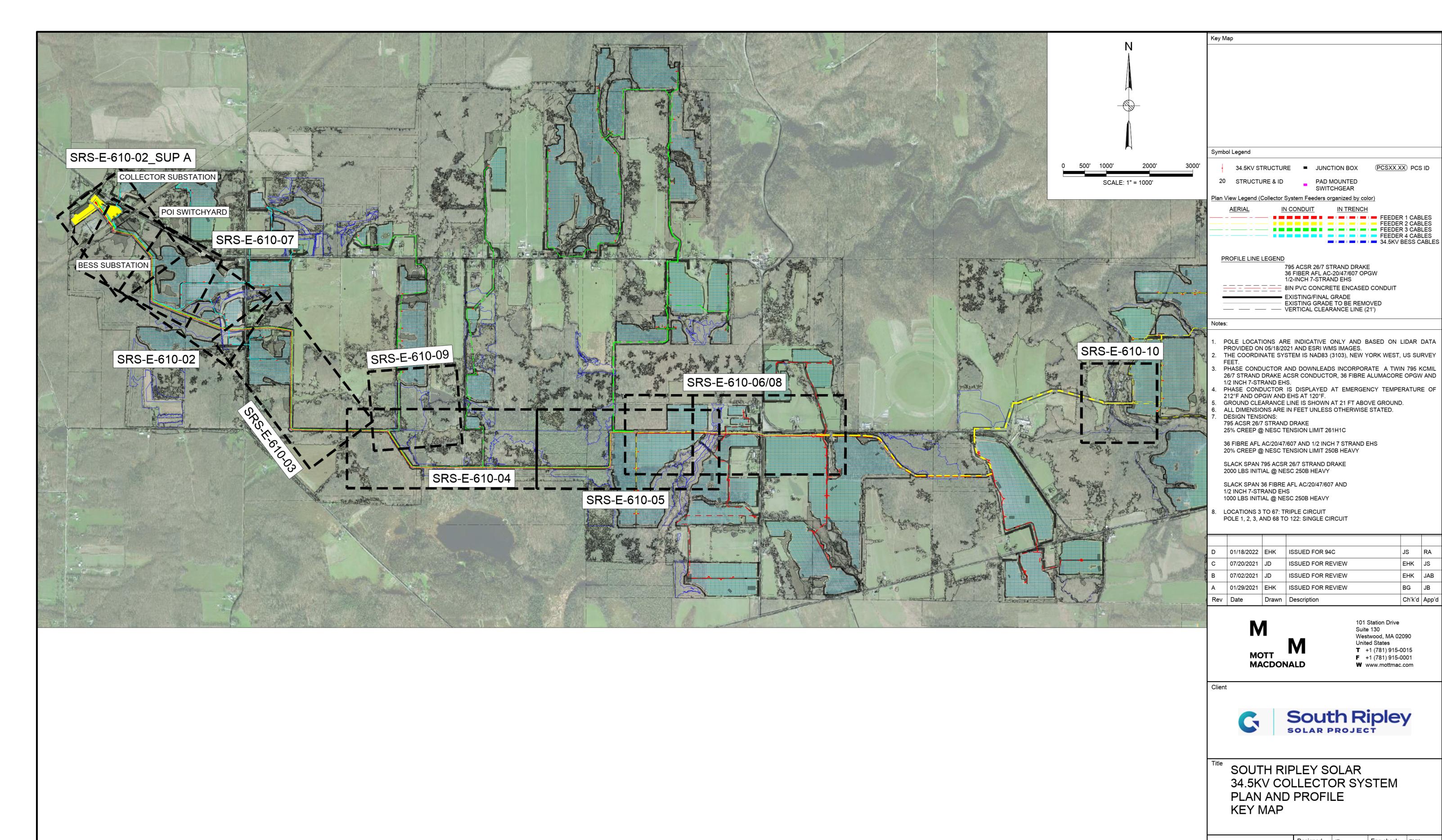
| | Drawing Number SRS-E-600-00 | | | | | | | | |
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| | Drawn EHK | | Approved | RA | | | | | |
| | Designed | EHK | Eng check | JS | | | | | |

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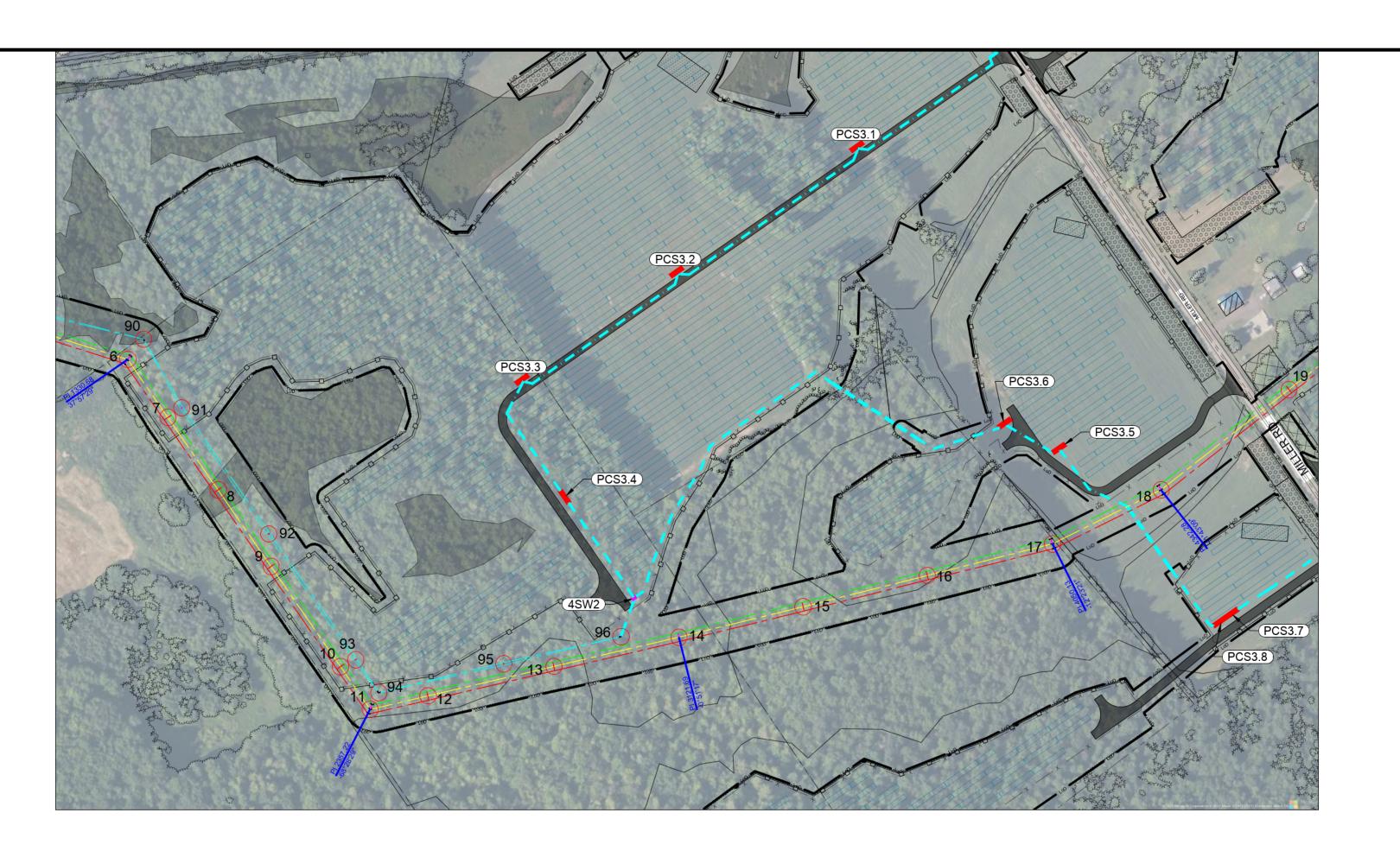


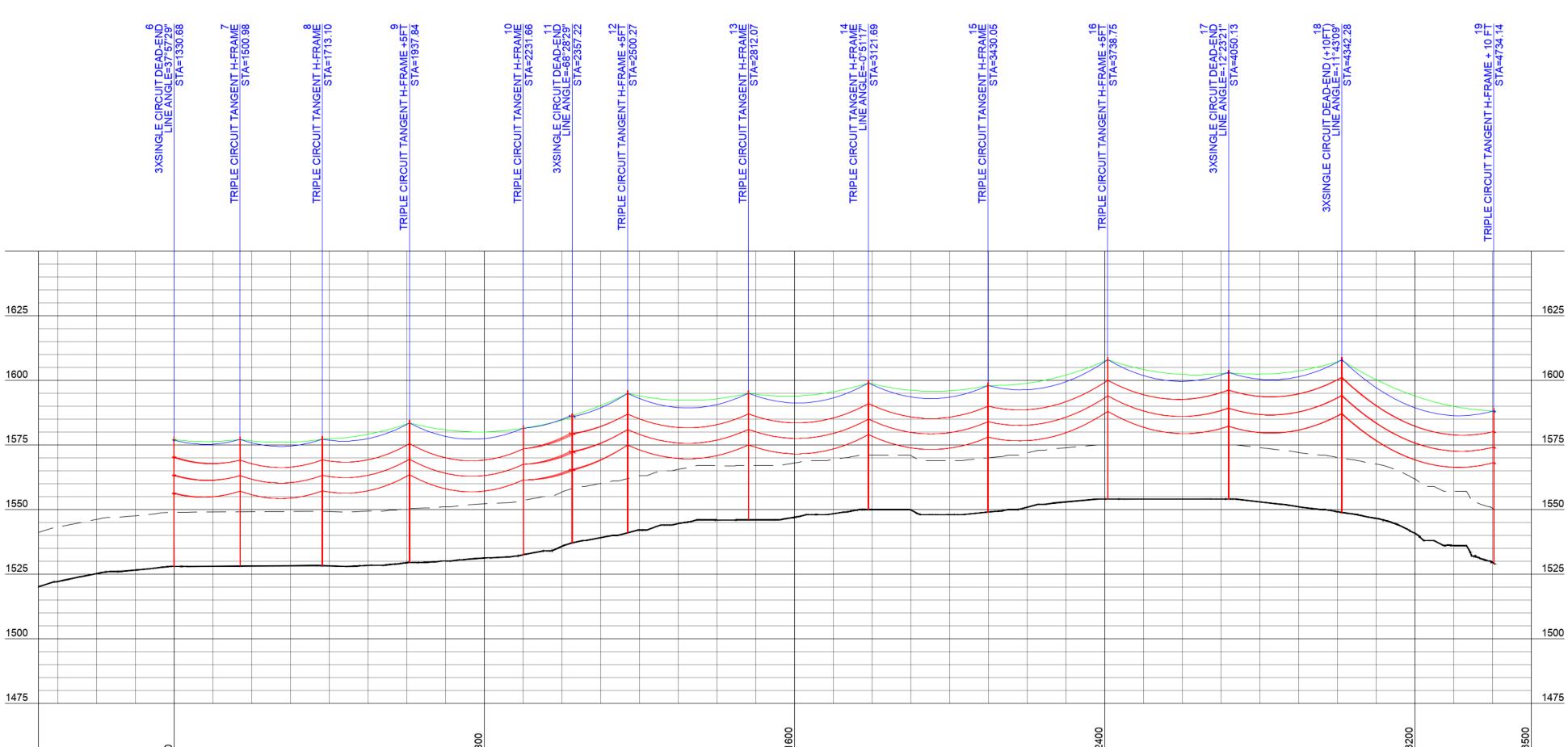
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Eng check EHK Drawn **Approved** JAB PRELIMINARY NOT FOR CONSTRUCTION Date Scale at ANSI D REPLACE WITH 01/18/2022 As Noted ENGINEERS STAMP AT CONSTRUCTION AND/OR FABRICATION

Drawing Number



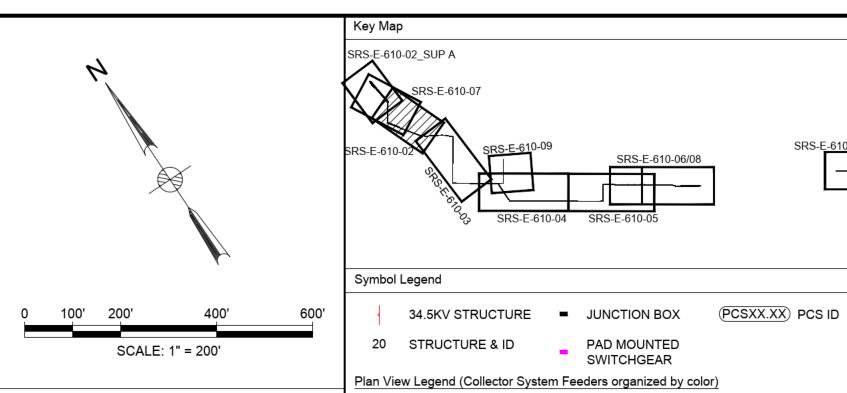


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PROFILE LINE LEGEND

795 ACSR 26/7 STRAND DRAKE
36 FIBER AFL AC-20/47/607 OPGW
1/2-INCH 7-STRAND EHS
8IN PVC CONCRETE ENCASED CONDUIT
EXISTING/FINAL GRADE
EXISTING GRADE TO BE REMOVED
VERTICAL CLEARANCE LINE (21')

Notes:

- . POLE LOCATIONS ARE INDICATIVE ONLY AND BASED ON LIDAR DATA PROVIDED ON 05/18/2021 AND ESRI WMS IMAGES.
- THE COORDINATE SYSTEM IS NAD83 (3103), NEW YORK WEST, US SURVEY FEET.
- 3. PHASE CONDUCTOR AND DOWNLEADS INCORPORATE A TWIN 795 KCMIL 26/7 STRAND DRAKE ACSR CONDUCTOR, 36 FIBRE ALUMACORE OPGW AND 1/2 INCH 7-STRAND EHS.
- 4. PHASE CONDUCTOR IS DISPLAYED AT EMERGENCY TEMPERATURE OF 212°F AND OPGW AND EHS AT 120°F.
- GROUND CLEARANCE LINE IS SHOWN AT 21 FT ABOVE GROUND.
 ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE STATED.
- 7. DESIGN TENSIONS:

795 ACSR 26/7 STRAND DRAKE 25% CREEP @ NESC TENSION LIMIT 261H1C

36 FIBRE AFL AC/20/47/607 AND 1/2 INCH 7 STRAND EHS 20% CREEP @ NESC TENSION LIMIT 250B HEAVY

SLACK SPAN 795 ACSR 26/7 STRAND DRAKE 2000 LBS INITIAL @ NESC 250B HEAVY

SLACK SPAN 36 FIBRE AFL AC/20/47/607 AND

1/2 INCH 7-STRAND EHS 1000 LBS INITIAL @ NESC 250B HEAVY

8. LOCATIONS 3 TO 67: TRIPLE CIRCUIT

POLE 1, 2, 3, AND 68 TO 122: SINGLE CIRCUIT

| D | 01/18/2022 | EHK | ISSUED FOR 94C | EHK | JS |
|-----|------------|-------|-------------------|--------|-------|
| O | 07/20/2021 | JD | ISSUED FOR REVIEW | EHK | JAB |
| В | 07/02/2021 | JD | ISSUED FOR REVIEW | EHK | JAB |
| Α | 01/29/2021 | EHK | ISSUED FOR REVIEW | BG | JB |
| Rev | Date | Drawn | Description | Ch'k'd | App'd |

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SOUTH RIPLEY SOLAR
34.5KV COLLECTOR SYSTEM
PLAN AND PROFILE
SHEET 1

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| As Noted | | 01/18/2022 | D |
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wing Number

SRS-E-610-02