

LEGEND:

- R187 LINE: - - -
- R187 STR: 5



LINE R187, 115kV LINE
STATE OWNED LAND CROSSING, LOCATION PLAN
LONDONDERRY, NEW HAMPSHIRE
EXHIBIT 1

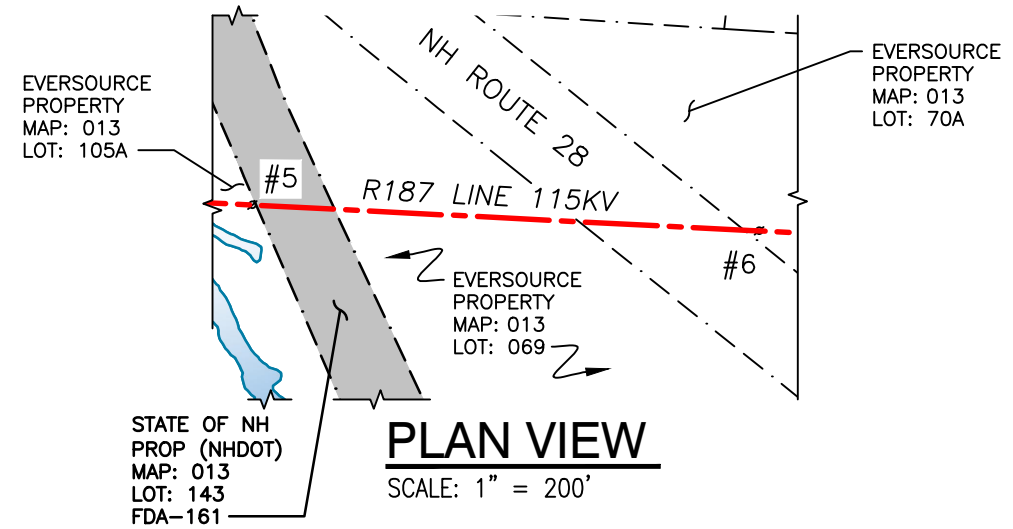
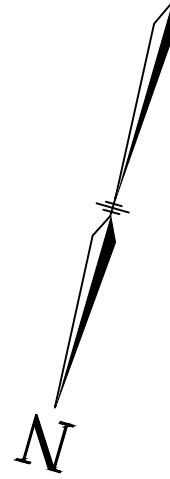
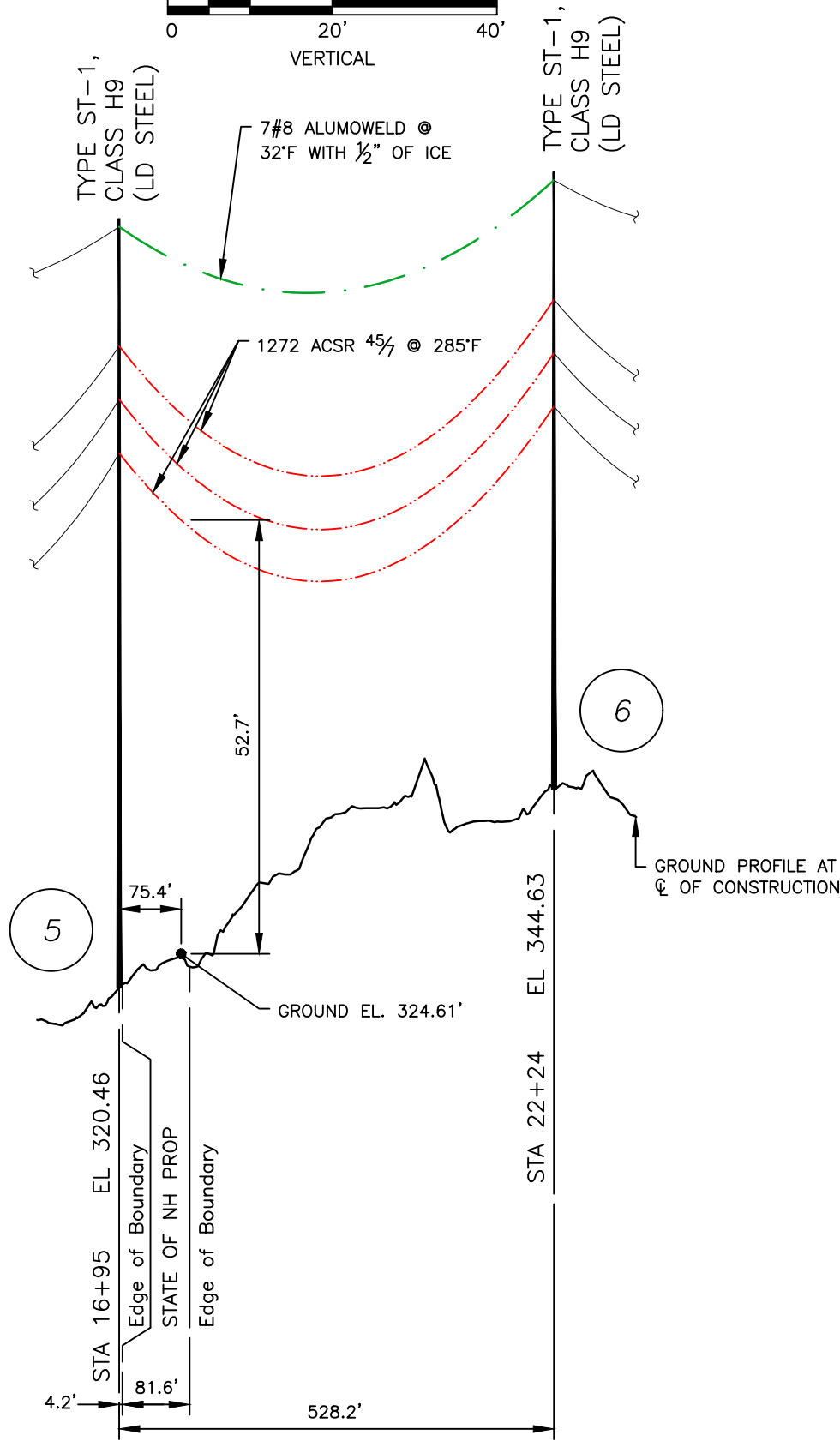
| | |
|----------|---|
| T | 1 |
| DRAWN | |
| JAM/TRC | |
| ENGINEER | |
| GEL/TRC | |
| CHECKED | |
| SEK/TRC | |
| APPROVED | |
| BRK/TRC | |
| DATE | |
| 05/07/21 | |

| 1 | ISSUED TO PUC | 05/21 | JAM | SEK | BRK | |
|---------|-----------------|----------|------|-----|------|------|
| DWG REV | EPN/DESCRIPTION | CONT/PE# | DATE | DRN | CHKD | APPR |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | |
|----------|---------------------|-------------|
| SCALE | FILE: R18743501.DWG | DRAWING NO. |
| 1"=1000' | IMAGE: | R18743901 |

PROFILE VIEW

SCALE: HORZ 1" = 200'
 VERT 1" = 20'
 HORIZONTAL
 0 200' 400'
 VERTICAL
 0 20' 40'

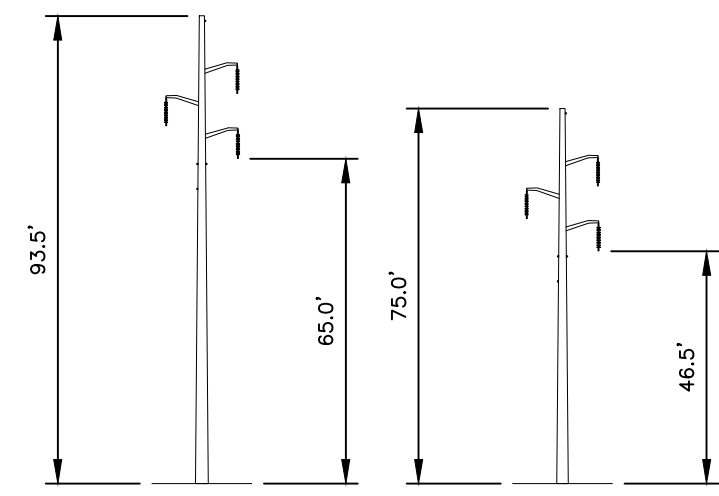


PLAN VIEW

SCALE: 1" = 200'

LEGEND:

- #5 STRUCTURE
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- R187 LINE 115KV
- LINE, C/L OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY



STRUCTURE 5
 TYPE ST-1
 STR 5: IS AN EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, DELTA CONFIG.

STRUCTURE 6
 TYPE ST-1
 STR 6: IS AN EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, DELTA CONFIG.

STRUCTURE DETAILS

SCALE: NTS

| STRUCTURE LOCATION | | |
|--------------------|--------------|-------------|
| STRUCTURE | LONGITUDE | LATITUDE |
| 5 | -71.34570780 | 42.90111752 |
| 6 | -71.34762926 | 42.90079308 |

| NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1 | |
|--|-------|
| NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES | 115kV |
| TRACK RAILS OF RAILROADS | 28.1 |

| CABLE SCHEDULE | | | | | | |
|----------------|---------------|--------------------------------|-------------------------|-----------|----------|------------|
| WIRE | QTY OF CABLES | DESCRIPTION | DESIGN CONDITIONS | | | |
| | | | MAX DESIGN TENSION (lb) | TEMP (°F) | ICE (in) | WIND (psf) |
| CONDUCTOR | 3 | ACSR, 1272 kcmil 45/7, BITTERN | 9500 | 0 | 0.5 | 4 |
| SHIELD WIRE | 1 | 7 NO. 8 AW | 4000 | 0 | 0.5 | 4 |

NOTES:

- PARCEL INFORMATION PROVIDED BY NH GRANIT.
- ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

| DWG REV | ISSUED TO PUC | EPN/DESCRIPTION | CONT/PE# | DATE | JAM | SEK | BRK |
|---------|---------------|-----------------|----------|-------|-----|-----|-----|
| 1 | | | | 05/21 | JAM | SEK | BRK |

EVERSOURCE ENERGY

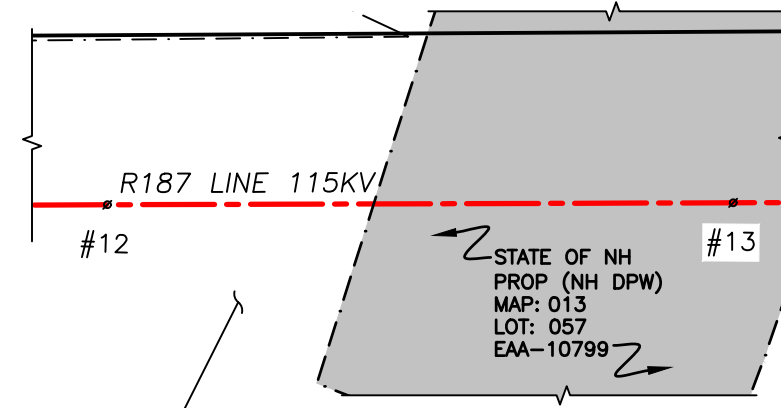
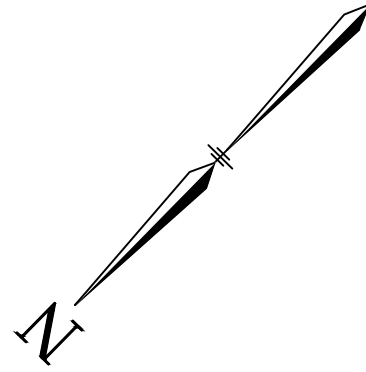
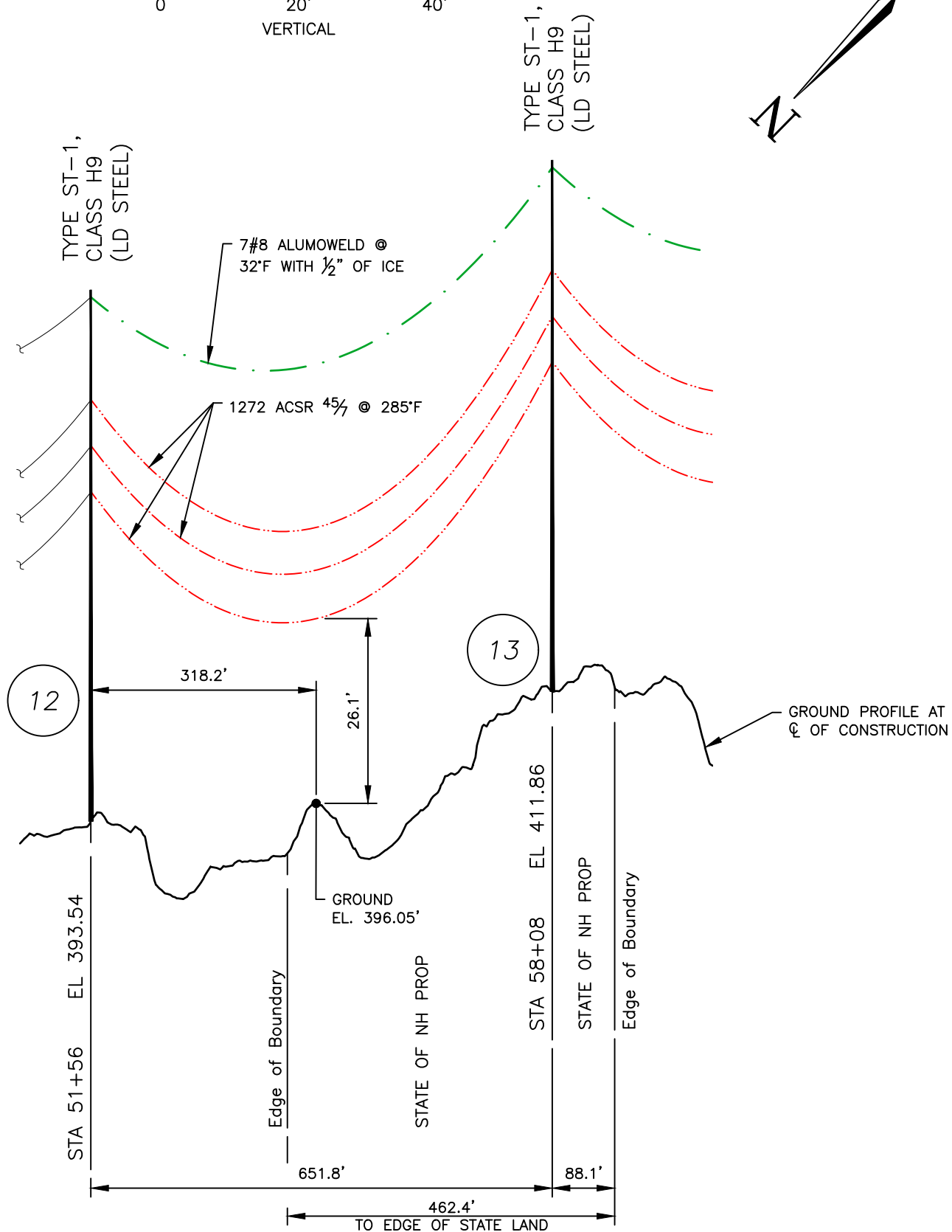
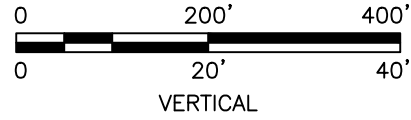
LINE R187, 115kV LINE
 STATE OWNED LAND CROSSING
 LONDONDERRY, NEW HAMPSHIRE
 EXHIBIT 2

| | |
|---------------------|-------|
| DRAWN JAM/TRC | T 1 |
| ENGINEER GEL/TRC | |
| CHECKED SEK/TRC | |
| APPROVED BRK/TRC | |
| DATE 05/07/21 | |

| | | |
|-------------------|-------------------------------|--------------------------|
| SCALE AS SHOWN | FILE: R18743501.DWG IMAGE: | DRAWING NO. R18743501 |
|-------------------|-------------------------------|--------------------------|

PROFILE VIEW

SCALE: HORZ 1" = 200'
VERT 1" = 20'
HORIZONTAL
VERTICAL



PLAN VIEW

SCALE: 1" = 200'

EVERSOURCE PROPERTY
MAP: 013
LOT: 056

LEGEND:

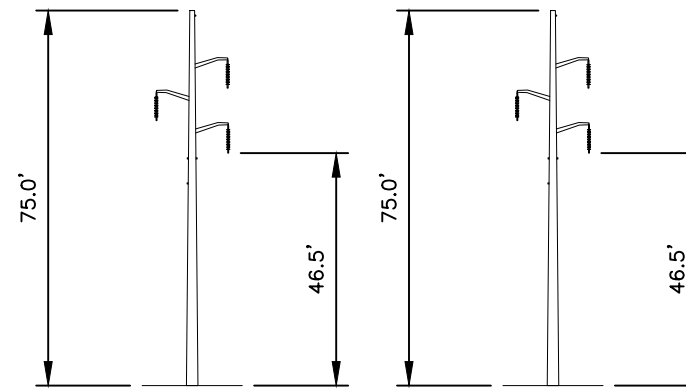
Ø #12 STRUCTURE

STATE OF NEW HAMPSHIRE PROPERTY

PROPERTY BOUNDARY

R187 LINE 115KV
LINE, Q OF CONSTRUCTION

LIMITS OF EVERSOURCE RIGHT OF WAY



STRUCTURE 12
TYPE ST-1

STR 12: IS AN EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, DELTA CONFIG.

STRUCTURE 13
TYPE ST-1

STR 13: IS AN EVERSOURCE TYPE ST-1, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, DELTA CONFIG.

STRUCTURE DETAILS

SCALE: NTS

| STRUCTURE LOCATION | | |
|--------------------|--------------|-------------|
| STRUCTURE | LONGITUDE | LATITUDE |
| 12 | -71.35737879 | 42.89774141 |
| 13 | -71.35911672 | 42.89648994 |

| NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1 | |
|---|-------|
| NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES | 115kV |
| OTHER AREAS TRAVERSED BY VEHICLES, SUCH AS CULTIVATED, GRAZING, FOREST, AND ORCHARD LANDS, INDUSTRIAL SITES, COMMERCIAL SITES, ETC. | 20.1 |

NOTES:

- PARCEL INFORMATION PROVIDED BY NH GRANIT.
- ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

| CABLE SCHEDULE | | | | | | |
|----------------|---------------|--------------------------------|-------------------------|-----------|----------|------------|
| WIRE | QTY OF CABLES | DESCRIPTION | DESIGN CONDITIONS | | | |
| | | | MAX DESIGN TENSION (lb) | TEMP (°F) | ICE (in) | WIND (psf) |
| CONDUCTOR | 3 | ACSR, 1272 kcmil 45/7, BITTERN | 10500 | 0 | 0.5 | 4 |
| SHIELD WIRE | 1 | 7 NO. 8 AW | 3500 | 0 | 0.5 | 4 |

| DWG REV | ISSUED TO PUC | EPN/DESCRIPTION | CONT/PE# | DATE | JAM | SEK | BRK |
|---------|---------------|-----------------|----------|-------|-----|-----|-----|
| 1 | | | | 05/21 | | | |

EVERSOURCE ENERGY

LINE R187, 115kV LINE
STATE OWNED LAND CROSSING
LONDONDERRY, NEW HAMPSHIRE
EXHIBIT 3

| | |
|---------------------|-------|
| DRAWN JAM/TRC | T 1 |
| ENGINEER GEL/TRC | |
| CHECKED SEK/TRC | |
| APPROVED BRK/TRC | |
| DATE 05/07/21 | |

| | | |
|-------------------|-------------------------------|--------------------------|
| SCALE AS SHOWN | FILE: R18743502.DWG IMAGE: | DRAWING NO. R18743502 |
|-------------------|-------------------------------|--------------------------|

