

LEGEND:

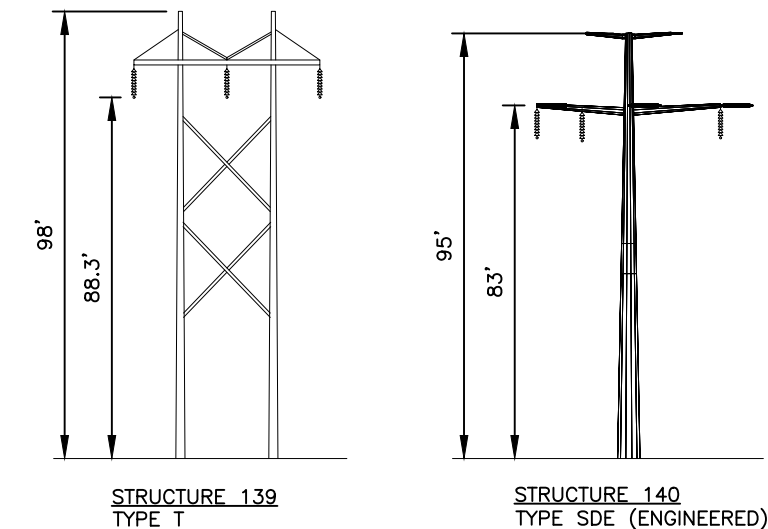
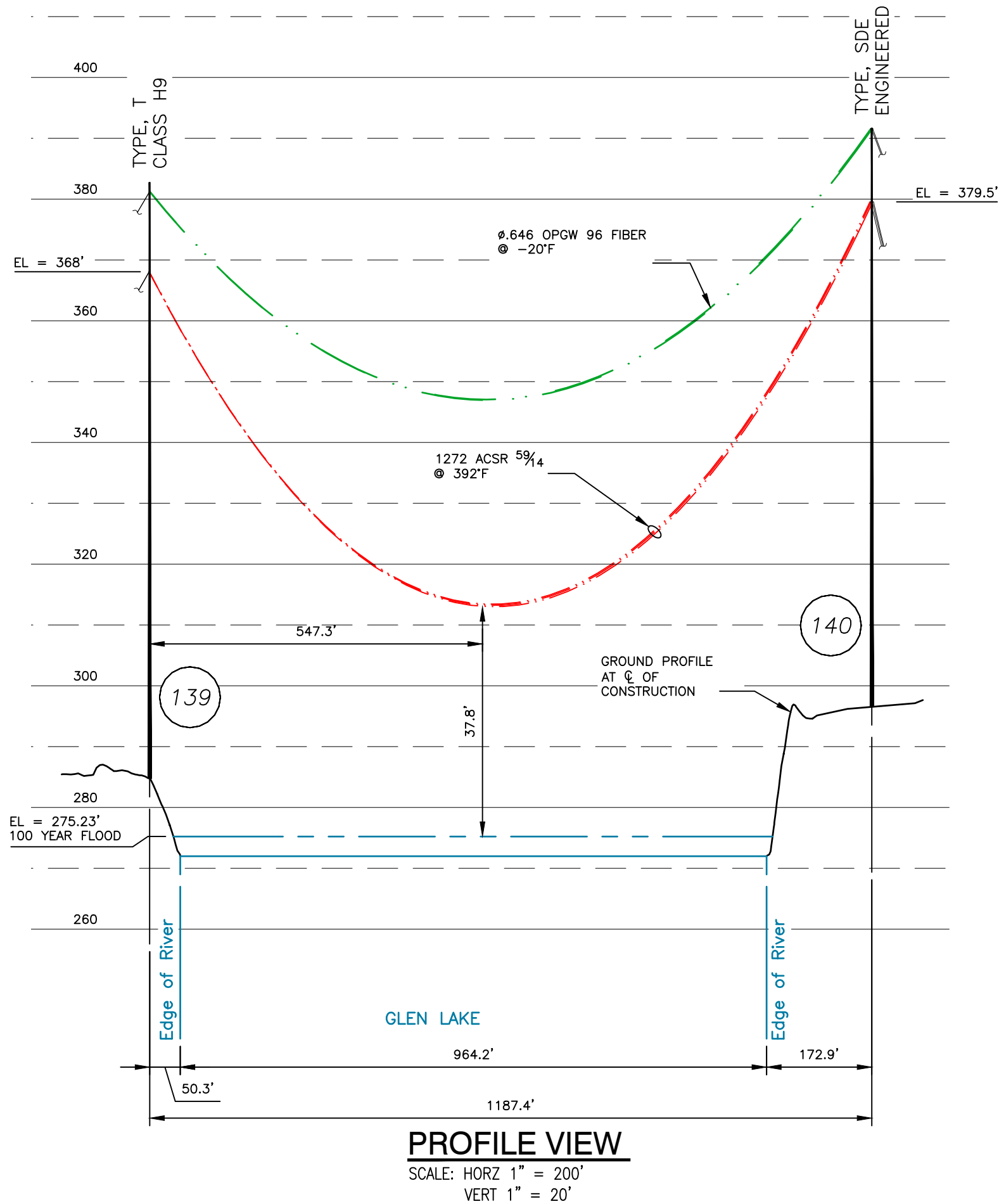
- Q171 LINE:
- Q171 STR:

| DWG REV | EPN/DESCRIPTION | CONT/PE# | DATE | DRN | CHKD | APPR |
|---------|-----------------|----------|-------|-----|------|------|
| 1 | ISSUED TO NHDOE | | 07/22 | GBS | CJN | CJN |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

EVERSOURCE ENERGY

Q171 115kV LINE
PUBLIC WATERBODY CROSSING, LOCATION PLAN
GOFFSTOWN, NEW HAMPSHIRE
EXHIBIT 1

| | |
|------------------|---|
| T | 1 |
| DRAWN GBS | |
| ENGINEER CJN | |
| CHECKED CJN | |
| APPROVED CJN | |
| DATE 05/27/22 | |

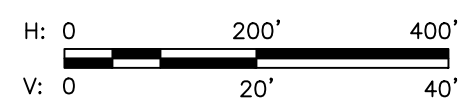


STR 139: IS A EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL POLE TANGENT, HORIZONTAL CONFIG

STR 140: IS A EVERSOURCE TYPE SDE (ENGINEERED), SINGLE CIRCUIT STEEL POLE DEAD END ANGLE, HORIZONTAL CONFIG

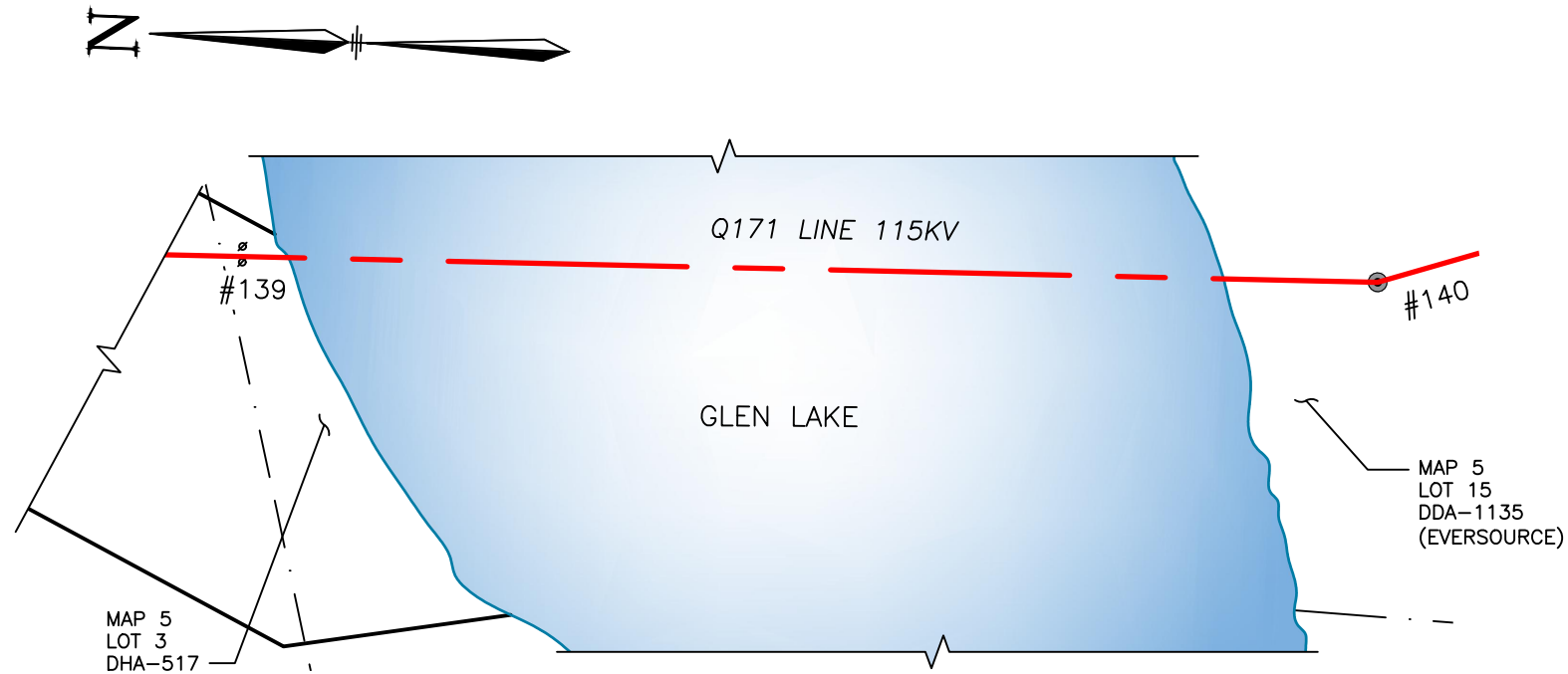
STRUCTURE DETAIL
 SCALE: NTS

- NOTES:**
1. PARCEL INFORMATION PROVIDED BY NH GRANIT.
 2. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
 3. 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 05/17/2022.








| | | | | | |
|---------|-----------------|----------|------|-----|------|
| 1 | ISSUED TO NHDOE | 07/22 | GBS | CJN | CJN |
| DWG REV | EPN/DESCRIPTION | CONT/PE# | DATE | DRN | CHKD |

| | | | |
|---|--|-------------|----------|
| | | T | 1 |
| | | DRAWN | GBS |
| Q171, 115kV LINE GLEN LAKE, PUBLIC WATER CROSSING GOFFSTOWN, NEW HAMPSHIRE EXHIBIT 2 | | ENGINEER | CJN |
| | | CHECKED | CJN |
| SCALE AS SHOWN FILE: 04068-81001.DWG IMAGE: | | APPROVED | CJN |
| | | DATE | 05/27/22 |
| DRAWING NO. | | 04068-81001 | |



PLAN VIEW
SCALE: 1" = 200'

LEGEND:

-  #139 STRUCTURE
-  PROPERTY BOUNDARY
-  Q171 LINE 115KV LINE, ϕ OF CONSTRUCTION
-  LIMITS OF EVERSOURCE RIGHT OF WAY
-  WATERBODY

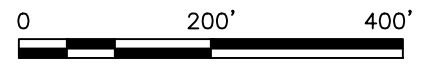
| STRUCTURE LOCATION | | |
|--------------------|--------------|-------------|
| STRUCTURE | LONGITUDE | LATITUDE |
| 139 | -71.57064655 | 43.01907797 |
| 140 | -71.57057096 | 43.01582065 |

| NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1, C2-2012 | |
|---|------|
| NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES | (FT) |
| WATER AREAS SUITABLE FOR SAIL BOATING INCLUDING LAKES, PONDS, RESERVOIRS, TIDAL WATERS, RIVERS, STREAMS, AND CANALS WITH AN UNUPSTRUCTED SURFACE AREA OF OVER 20 TO 200 ACRES | 30.1 |


| CABLE SCHEDULE | | | | | | |
|----------------|---------------|-----------------------------------|-------------------------|-----------|----------|------------|
| WIRE | QTY OF CABLES | DESCRIPTION | DESIGN CONDITIONS | | | |
| | | | MAX DESIGN TENSION (lb) | TEMP (°F) | ICE (in) | WIND (psf) |
| CONDUCTOR | 3 | ACSS, 1272 kcmil 54/19, PHESANT | 12000 | 0 | 0.5 | 4 |
| OPGW | 2 | 96F ϕ 0.646 AFL S3-81/60/646 | 6000 | 0 | 0.5 | 4 |

NOTES:

1. PARCEL INFORMATION PROVIDED BY NH GRANIT.
2. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
3. 100 YEAR FLOOD ELEVATION FROM THE FEMA FLOOD MAP SERVICE CENTER, NATIONAL FLOOD HAZARD LAYER FIRMETTE, 05/17/2022.



| DWG REV | EPN/DESCRIPTION | CONT/PE# | DATE | DRN | CHKD | APPR |
|---------|-----------------------------------|----------|-------|-----|------|------|
| 2 | UPDATED COND MAX TENSION, WAS 10K | | 08/22 | GBS | CJN | CJN |
| 1 | ISSUED TO NHDOE | | 07/22 | GBS | CJN | CJN |

| | |
|---|----------------------------|
|  <p>EVERSOURCE ENERGY</p> <p>Q171, 115kV LINE GLEN LAKE, PUBLIC WATER CROSSING GOFFSTOWN, NEW HAMPSHIRE EXHIBIT 3</p> | T 2 |
| | DRAWN GBS |
| | ENGINEER CJN |
| | CHECKED CJN |
| | APPROVED CJN |
| DATE 05/27/22 | |
| SCALE 1:200 | FILE: 04068-81001.DWG |
| DWC REV | DRAWING NO. 04068-81001 |