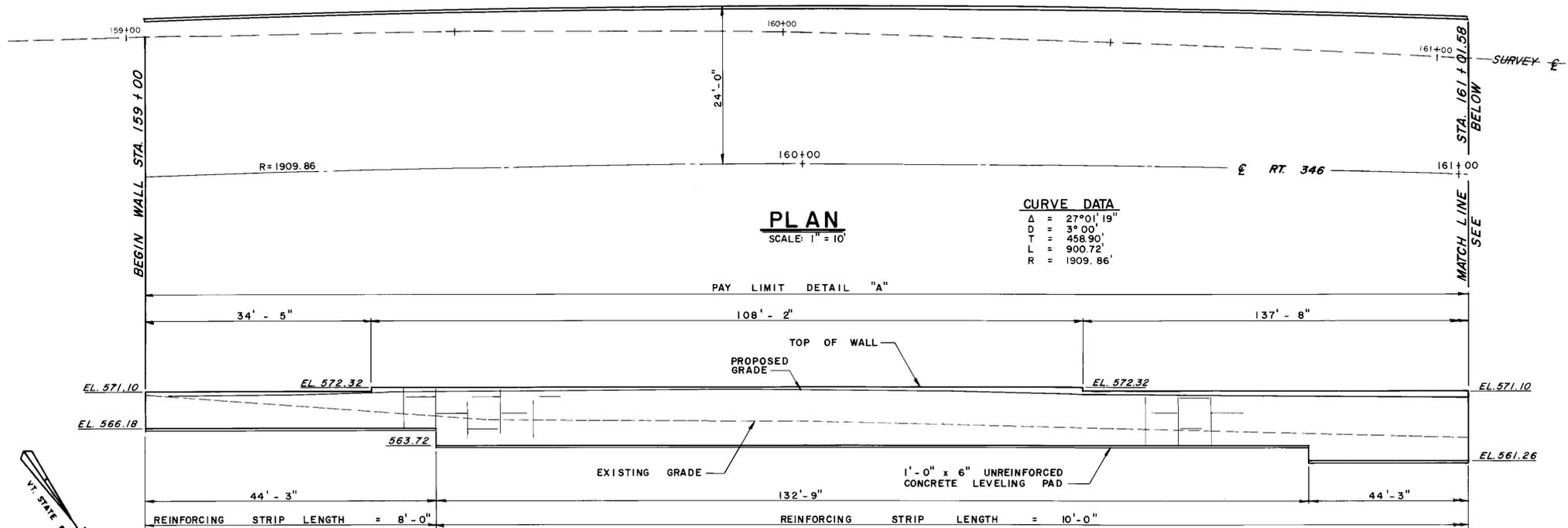
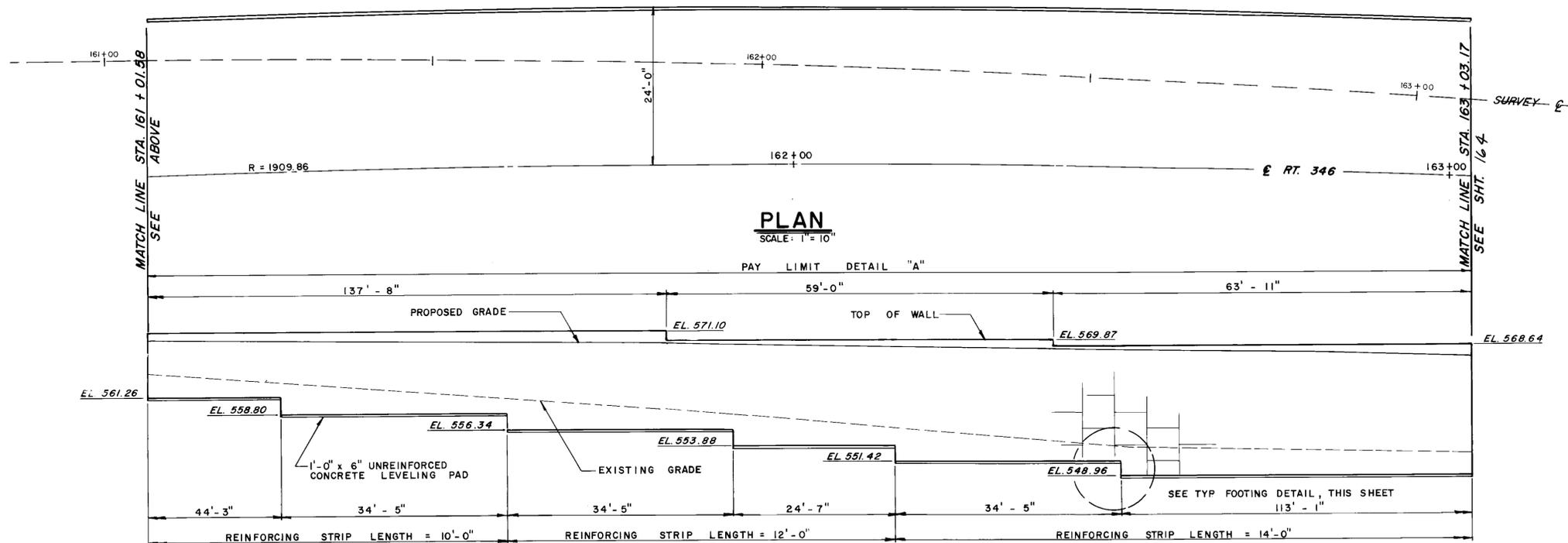


GENERAL NOTES

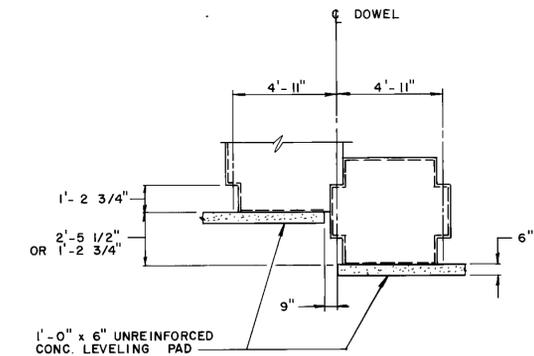
- DESIGN IS BASED ON THE ASSUMPTION THAT THE MATERIAL WITHIN THE REINFORCED EARTH VOLUME, METHODS OF CONSTRUCTION, AND QUALITY OF PREFABRICATED MATERIALS SHALL CONFORM TO THE SPECIAL PROVISIONS OF THE CONTRACT DOCUMENTS.
- ASSUMED SOIL CHARACTERISTICS:
 GRANULAR BACKFILL MATERIAL = 34 DEGREES, c = 0 PCF, $\phi = 140$ PCF
 RANDOM BACKFILL = 30 DEGREES, c = 0 PCF, $\phi = 140$ PCF
 FOUNDATION MATERIAL = 30 DEGREES, c = 0 PCF
 IF ACTUAL CONDITIONS, GRADES AND DIMENSIONS OF THE SOIL MATERIALS DIFFER FROM THOSE ABOVE, THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION TO EVALUATE THE NEED FOR REDESIGN.
- ANY UNSUITABLE MATERIAL BELOW THE LEVELING PAD SHALL BE REMOVED AND REPLACED WITH GRANULAR BACKFILL MATERIAL TO THE DEPTH AND LIMITS AS DETERMINED BY THE ENGINEER.
- THE CURVED REINFORCED EARTH WALL WILL BE FORMED BY A SERIES OF SHORT CHORDS OF 4'-11" EACH TO MATCH THE DESIRED ALIGNMENT.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF THE GUARDRAIL POSTS BEHIND THE REINFORCED EARTH PANELS PRIOR TO PLACEMENT OF THE UPPER LAYERS OF REINFORCING STRIPS. THESE STRIPS MAY BE SKEWED AS REQUIRED TO CLEAR THE PROPOSED POST LOCATIONS. ANY DAMAGE DONE TO THE REINFORCING STRIPS DUE TO THE INSTALLATION OF THE GUARDRAIL SHALL BE REPAIRED BY THE CONTRACTOR.
- HORIZONTAL DIMENSIONS ON PLAN VIEW ARE GIVEN RADIAL TO CENTERLINE OF ROUTE 346 (STA. 159+00 TO STA. 166+38.31) AND AT 90° TO CENTERLINE OF ROUTE 346 (STA. 166+38.31 TO STA. 167+25).
- HORIZONTAL DIMENSIONS ON ELEVATION VIEW ARE GIVEN ALONG THE TOP OF THE WALL.
- SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER IN SUFFICIENT TIME TO PERMIT CAREFUL REVIEW PRIOR TO DELIVERY AND CONSTRUCTION.
- CONCRETE FOR REINFORCED EARTH PANELS SHALL CONFORM TO THE SPECIAL PROVISION OF THE SPECIFICATIONS FOR THE REINFORCED EARTH RETAINING WALL.
- SEE NOTE 13, SHEET 153.



ELEVATION (VIEW FACING SOUTH)
SCALE: 1" = 10'



ELEVATION (VIEW FACING SOUTH)
SCALE: 1" = 10'



TYPICAL FOOTING DETAIL
SCALE: 1/4" = 1'-0"

LEVELING PAD MUST BE POURED TO THE DESIGN ELEVATIONS AS SHOWN ON THE WALL ELEVATION VIEWS. THE ALLOWABLE ELEVATION TOLERANCES ARE 0.01' (+) AND 0.02' (-). PRECAST PANEL JOINT FILLER MATERIAL IS NOT PERMITTED BETWEEN PRECAST PANEL AND LEVELING PAD UNLESS AUTHORIZED IN WRITING BY THE ENGINEER.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

| | | | |
|-----------------------------------|-----------|--------------------------|------------|
| Town Of | POWNA | Bridge No. | |
| Highway No. | ROUTE 346 | Log Sta. | |
| REINFORCED EARTH WALL | | Surv. Sta. | |
| STA. 159 + 00 TO STA. 163 + 03.17 | | | |
| Designed By | J.S.J. | Drawn By | KRP |
| Checked By | Date | Bridge Design Supervisor | Date |
| PROJECT | POWNA | PROJECT NO. | RS0107 (7) |
| L.C. Info. | | | |
| Bridge Sheet No. | | Sheet | 165 of 319 |

PARE ENGINEERING CORPORATION
 Engineers - Planners - Landscape Architects
 8 Blackstone Valley Place, Lincoln, RI 02865
 401-334-4100