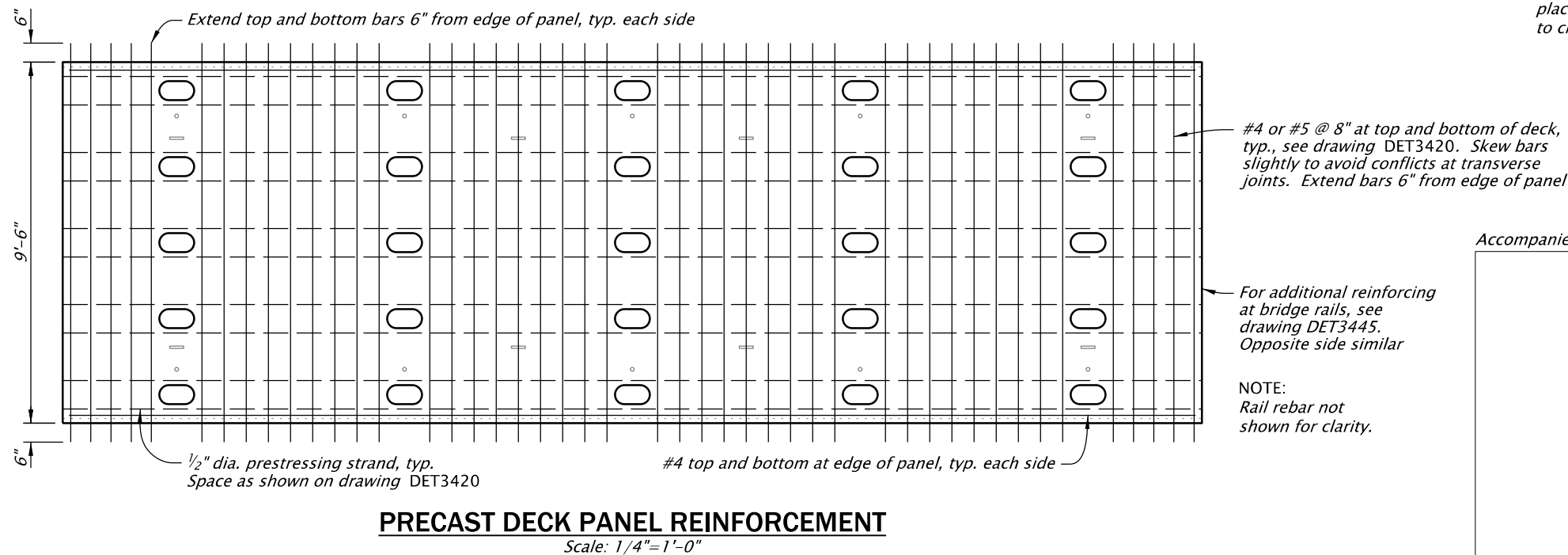
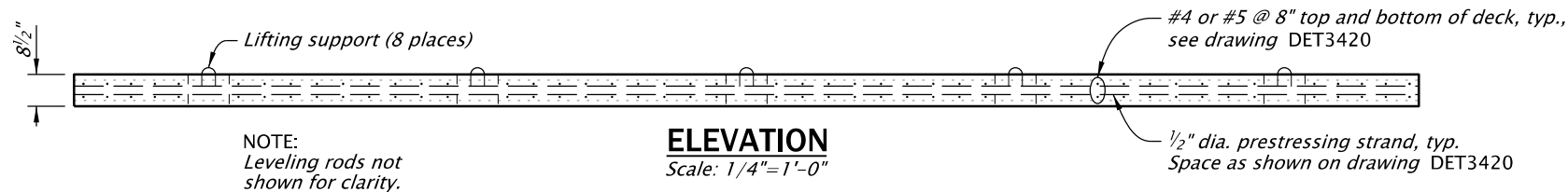
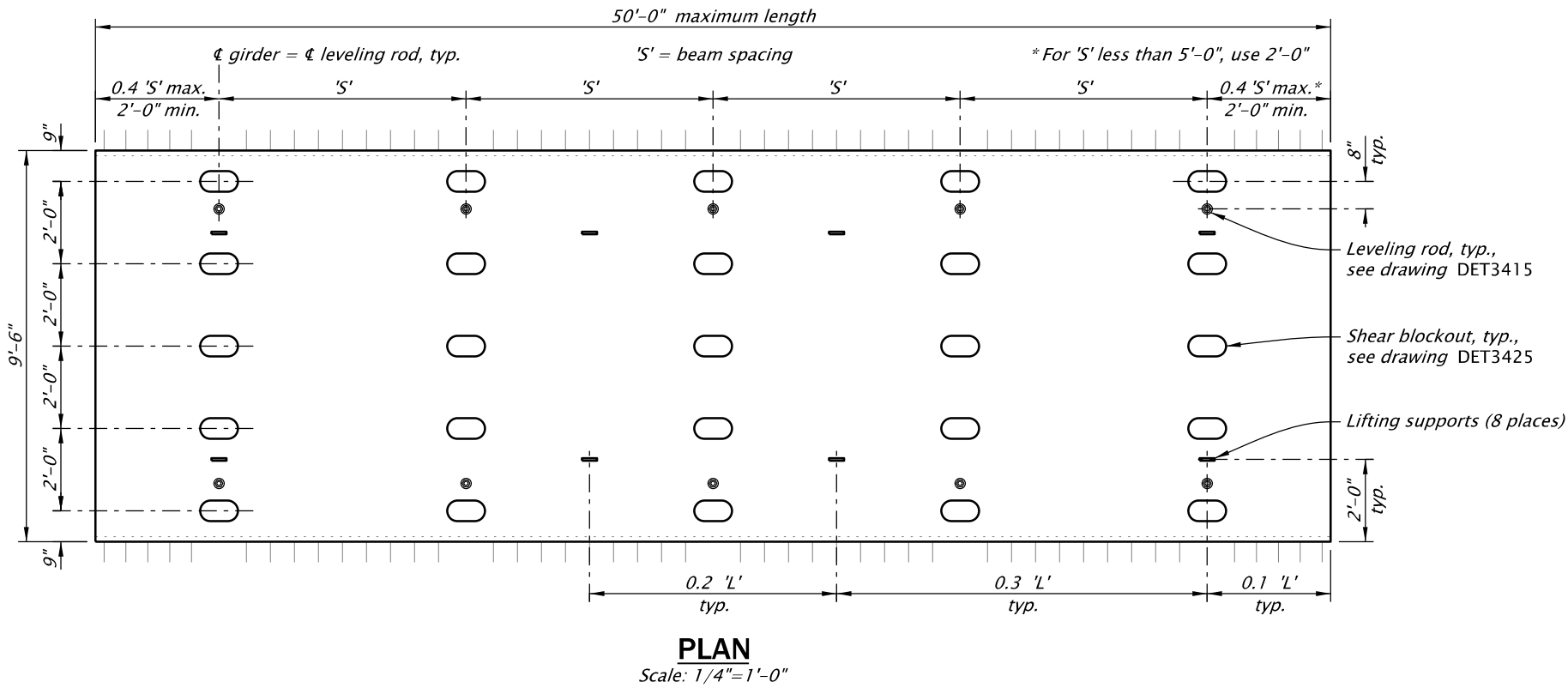




GENERAL NOTES

Precast deck panels are designed for a superimposed dead load of 60 pounds per square foot.

The design live load is a wheel load from an AASHTO HL93 truck.

Concrete in precast panels shall be Class 8000 - 1 or 3/4

Concrete strength required at release of prestress = 4000 psi.

Concrete in shear blockouts and transverse joints shall be UHPC.

Provide reinforcing as specified in the General Notes for the Project.

Provide 0.50" diameter 7 wire low relaxation prestressing steel strand for pretensioning conforming to AASHTO Specification M203 (ASTM A416), Grade 270 Supplement 1.

Tension 0.50" strand to 31.0 kips per strand.

Support panels during storage and transportation according to the diagram shown in the detail.
Transport after concrete has reached the design concrete strength and a minimum of seven days after casting.

For deck panels used on bridges with no applied wearing surface, finish the top surface on the panels according to Standard Specification 540.50. Provide a general finish on all other surfaces.

For deck panels used on bridges with applied wearing surface, provide a transverse broom finish on the top of the panel. Provide a general finish on all other surfaces.

NOTE:

Lifting support locations shown are intended to minimize transport and placement loads to the precast deck units. Locations can be adjusted as required to clear obstructions. Transport stability is the responsibility of the fabricator.

Accompanied by drawings DET3415, DET3420, DET3425, DET3430, DET3435, DET3440, DET3445.

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION



ENGINEERING AND
TECHNICAL SERVICES BRANCH

**PRECAST CONCRETE DECK
PANEL PLAN, ELEVATION,
AND REINFORCEMENT**

DETAIL NO.

DET3405