Appendix F

Osprey Nest Platform Detail

avian-safe design

EV 131 Raptor Nest Platform—Pole-Mounted

RCMS Code: BA

		EV 131 _
Material	**SI#**	**Code** •
Wood	7991280	A
Metal	7991279	B

Scope

Osprey and other large raptors often select power poles for nest sites, typically utilizing structures with double crossarms or equipment. This standard provides information on the installation of pole-mounted raptor nest platforms, which provide an alternative safe nesting location for raptors.

These platforms may be used near or on various types of structures where osprey or other large raptors have started to construct a nest. The platforms should be used to relocate nests that will pose a risk to the birds or to system reliability. Relocating a problem nest off the structure to an adjacent pole without electrical facilities is preferred to avoid excrement contamination or nest material falling on conductors.

All adjacent structures must be retrofitted to meet avian protection standards when utilizing a nest platform. This work should be scheduled to minimize disturbance to active nests; contact environmental services for guidance. Wooden platforms are preferred, but steel units can be utilized in areas with heavy precipitation and the potential for decay, or areas with no significant lightning threat. If the nest is active (eggs or young are present), contact the company's environmental services department for guidance and for a permit to relocate the nest. Eagle nests require a permit prior to conducting activities, regardless if the nest is active or inactive. Environmental services should be contacted to submit permit applications for all eagle and active nest management actions.

Standard References

EV 001 Bird Protection—General Information

EV 021 Bird Protection—Avian-Safe Designs and Modifications

EV 101 Bird Perch—Pole-Mounted

ROCKY MOUNTAIN POWER PACIFIC POWER

Installation Procedures

1. Nest platforms should be mounted on another pole, preferably set off the line, or above and offset from energized conductors, equipment, and exposed line parts to ensure that nest materials do not touch or fall upon energized parts. **The use of a nest platform does not make the structure avian-safe.** Structures near nest locations should meet avian-safe designs (see *Scope*, above).
2. The wood nest platform shall be made of redwood 2 ″× 4″ and 2″ × 8″ lumber, and shall be mounted on the top of a pole that is close to the existing structure. The new pole must be as tall or taller than the line structure. Natural topography may be used to match the height of the original nest location. If nest platforms are unavailable, wooden pallets or cable spool ends may also be used. The nest platform shall be a minimum of 3′ × 3′ in size.
3. Wood platforms must be constructed locally and are not available from company stores. Schools, scouts, and service organizations are often willing to construct perches and wooden nest platforms, and should follow the design criteria shown in Figure 1.
4. See Figure 2 for metal nest platform materials and details.
5. The nest platform can be mounted to the line structure if there is not enough room for a new pole. The platform should be mounted using crossarms to extend the nest well above conductors and equipment.

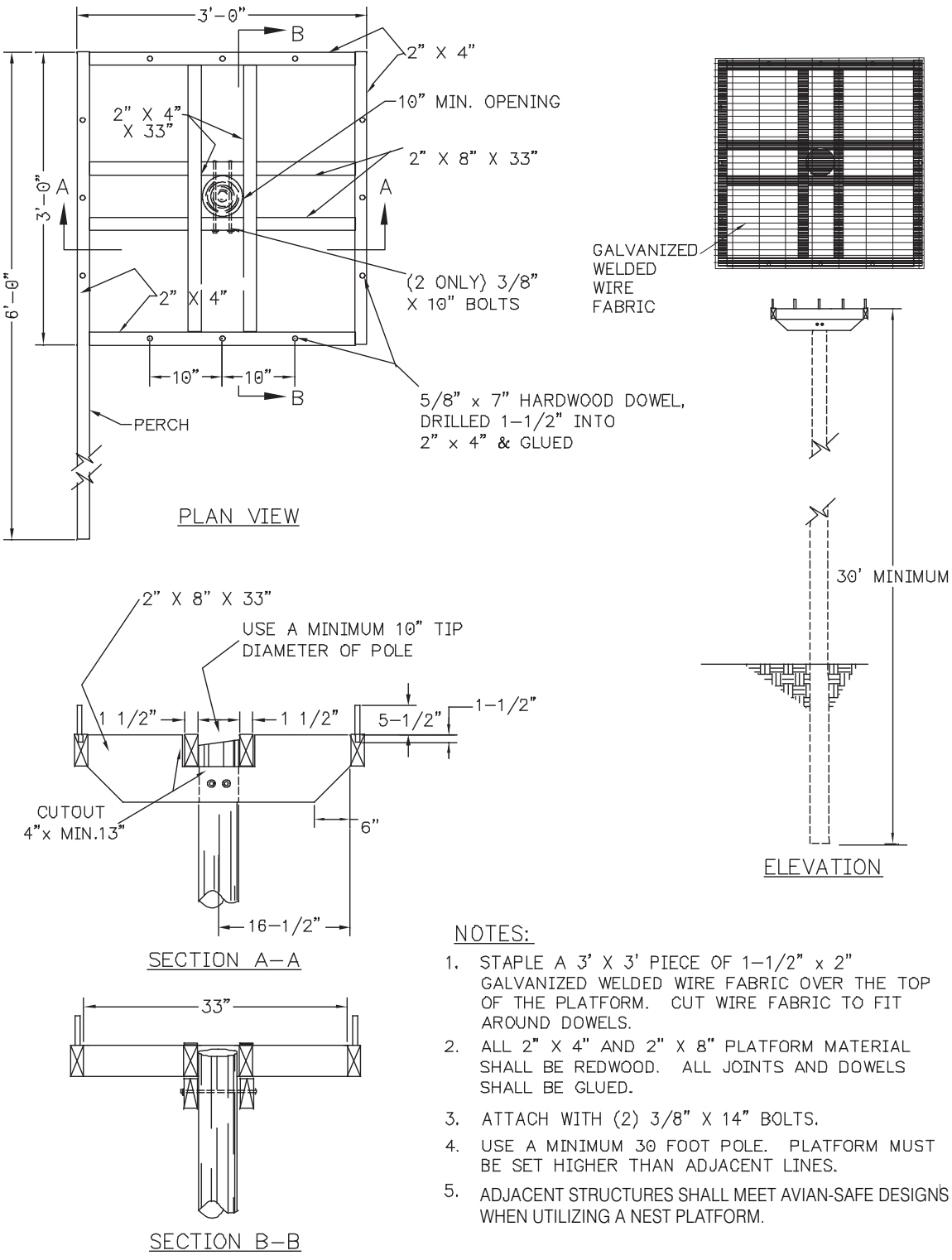

Figure 1—Wooden Raptor Nest Platform Detail

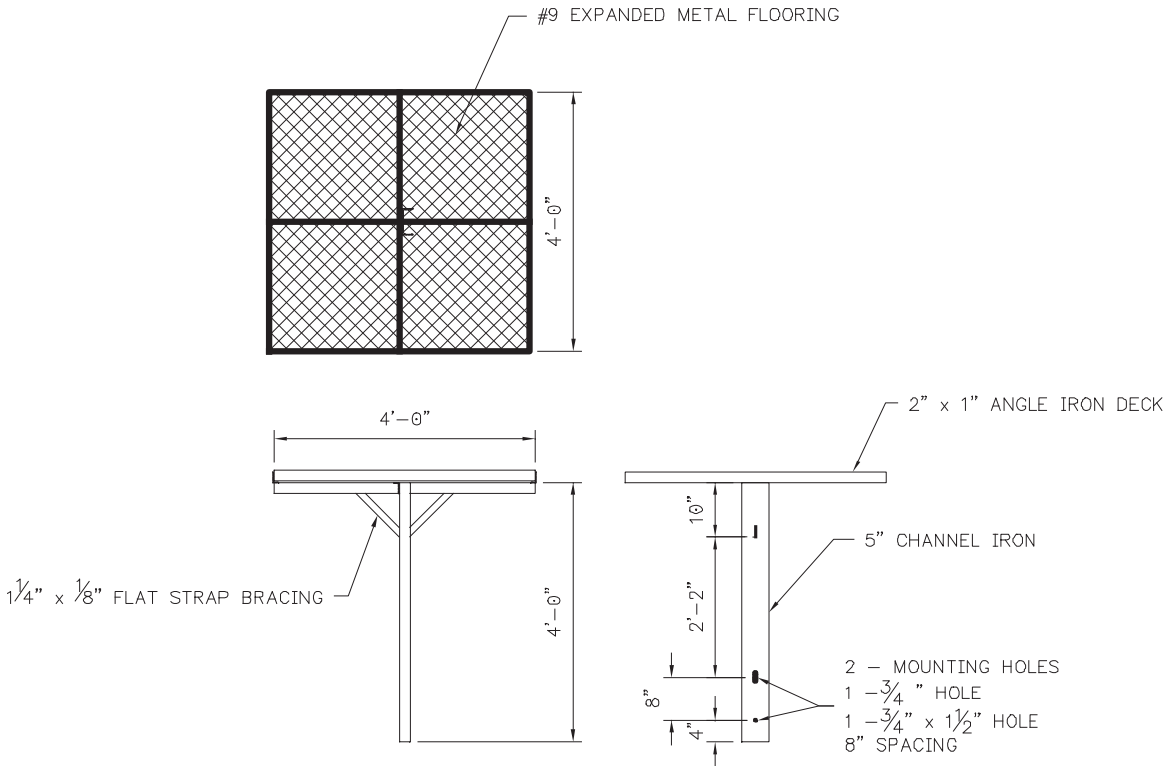

Figure 2—Metal Raptor Nest Platform Detail