GATE PLACEMENT

- Gate type & height to match adjacent fences
- Gate post - not attached to fence
- Fence/access easement/tract line
- Driving surface
- 15' min.
- 12' min. clr.
- 120.5" clr.

BOLLARD PLACEMENT

- Edge of access road
- Fixed bollard
- Removable bollard
- Driving surface
- 15' min.
- 6' max.
- 6' max.
- 12' min. clr.

FINISHED GRADE OF PAVING

- Post bracket support 3/8" galvanized A36 steel plate (typical)
- Heavy-duty hasp - provide adequate clearance between pavement & hasp to allow hasp to lay flat when open
- Install post bracket support buried flush in concrete
- 1/4" fillet weld (both sides)

1" BEVEL (TYPICAL)

- Bollard manufactured from 8"x8" douglas fir, #2 or better, pressure-treated w/lp-22
- Removable bollard installation: Removable bollard bases are set in a 1" diameter hole, 30" deep, and backfilled w/6" gravel on bottom and to finished grade with concrete. Lock hasp faces the street
- Fixed bollard installation: Set fixed bollards in a 16" diameter hole, 30" deep, and backfill with 6" gravel on bottom and to finished grade with concrete
- Incise 1/4" to fit removable bollard to base bracket

SLIDE-THROUGH POST BRACKET - 3/8" galvanized A36 steel plate

- (3) 7/16" holes for 7/16" x 3" lag screws (ea. side)

HEAVY-DUTY HASP