1. LOCATE UNDERGROUND UTILITIES PRIOR TO DIGGING. CALL USA (UNDERGROUND SERVICE ALERT) 1–800–277–2600, MON THRU FRI 6AM TO 7PM, A MINIMUM 2 WORKING DAYS WITH A MAXIMUM 14 CALENDAR DAYS, TO OBTAIN A TICKET. CONTACT THE DISTRICT INSPECTOR OR PARK SUPERVISOR FOR DISTRICT UTILITIES NOT LOCATED BY USA.

2. FABRICATION, HOT–DIP GALVANIZING, AND PAINTING OF STEEL GATES, POSTS, AND SLEEVES, SHALL BE PER DISTRICT STANDARD PLANS 380 PIPE GATE FABRICATION, AND 003 PAINTING AND STAINING SPECIFICATION.


4. GATE, (WITH CHAIN), GATE POST (WITH FASTENERS), LATCH POST, SLEEVES, AND GATE–OPEN LATCH POSTS (NOT SHOWN), MAY BE AVAILABLE AT DISTRICT CENTRAL STORES, FOR PURCHASE BY DISTRICT STAFF ONLY.

5. PIPE GATE SHALL BE INSTALLED CENTERED IN ROAD (UON), WITH POSTS PLUMB, AND GATE LEVEL. DIRECTION OF GATE SWING TO SUIT FIELD CONDITIONS.

6. GATE–OPEN LATCH POST (NOT SHOWN), SHALL BE FIELD LOCATED AND INSTALLED IN THE SHOULDER OF ROAD. GATE–OPEN LATCH POST DOES NOT REQUIRE A SLEEVE.

7. CONCRETE SHALL BE COMMERCIAL 5–SACK PRE–MIX CONCRETE OR EQUIVALENT.

8. REINFORCING BARS (CONCRETE ISLAND) SHALL BE ASTM A615, GRADE 60 MINIMUM.

9. CONCRETE FINISH (CONCRETE ISLAND) SHALL BE A MEDIUM BROOM FINISH PERPENDICULAR TO THE LENGTH.

10. REFLECTIVE SAFETY TAPE SHALL BE 3” WIDE YELLOW BANDS RATED FOR 5 YEAR MIN OUTDOOR LIFE AND MEET D.O.T. SPECIFICATION FP–85 FOR TYPE 2 SHEETING.

11. OBJECT MARKERS SHALL BE 18” X 18” HEAVY GAUGE ALUMINUM, TYPE N YELLOW, MUTCD OM1–3, N–1 (CA), RETROREFLECTIVE YELLOW SHEETING, WITH MOUNTING HOLES AT TOP AND BOTTOM CENTER. INSTALL OBJECT MARKERS AT FRONT AND BACK FACE OF EACH GATE (TOTAL 2 PER GATE).

12. AFTER INSTALLATION, PRIME AND PAINT TACK WELDS AND TOUCH–UP ANY DAMAGE TO PAINTED METAL FINISH PER DISTRICT STANDARD PLAN 003, PAINTING AND STAINING SPECIFICATION.
INSTALL 2 HDG STRUCTURAL BOLTS 5/8-11 X 1 1/2 L WITH HEAVY HEX NUTS AND WASHER TYP

GATE POST

REFLECTIVE SAFETY TAPE 18" OC MAX

PROVIDE 1" GAP BETWEEN GATE AND POST

OBJECT MARKERS TOTAL 2

FG (VARIIES)

ADJUST POST HEIGHT AND TACK WELD 3 SIDES

POST FOOTING TYP SHEET 6

ADJUST POST HEIGHT AND TACK WELD 3 SIDES

SLEEVE

14'-6" 1/4"±

SLEEVE

LATCH POST

NOTES:
1. GATE-OPEN LATCH POST (1 REQUIRED) NOT SHOWN.

PIECE GATE - INSTALLATION

EAST BAY REGIONAL PARK DISTRICT - STANDARD PLANS
PIPE GATE - INSTALLATION

1. GATE OPEN LATCH POSTS (2 REQUIRED) NOT SHOWN.

NOTES:

- PROVIDE 2" GAP BETWEEN GATES
- GATE POST TYP
- REFLECTIVE SAFETY TAPE 18" OC MAX TYP
- FG (VARIES)
- ADJUST POST HEIGHT AND TACK WELD 3 SIDES
- OBJECT MARKERS 2 EA GATE TYP TOTAL 4
- POST FOOTING TYP SHEET 6
- SLEEVE
DOUBLE PIPE GATE WITH CONCRETE ISLAND

NOTES:
1. GATE-OPEN LATCH POSTS (2 REQUIRED) NOT SHOWN.
CENTER LATCH POST SLEEVE AND FOOTING BELOW

CONCRETE ISLAND (CENTERED IN ROAD)

SLOPE 2% TO DRAIN (MATCH ROAD)

PLAN

CENTER LATCH POST

ADJUST POST HEIGHT AND TACK WELD 3 SIDES

CONCRETE ISLAND

#4 @ 12" ON CENTER EACH WAY

24" DIA CONCRETE FOOTING

3/4" CRUSHED OR ANGULAR ROCK

SECTION

CONCRETE ISLAND
POST FOOTING

3/4" CRUSHED OR ANGULAR ROCK

4'-6" MIN

3'-0" DIA MIN

CONCRETE FILLED HOLE

ADJUST POST HEIGHT AND TACK WELD 3 SIDES

SLEEVE (EXCEPT AT GATE—OPEN LATCH POST)

POST

FG (VARIES)

4" ±

3" ±

1" ±