NOTES:

1. ALL STEEL PIPE SHALL BE ASTM A53 GRADE B, TYPE E OR S, OR EQUIVALENT HSS ROUND TUBE ASTM A 500 GRADE B
2. ALL STEEL PLATE SHALL BE ASTM A 36 OR ASTM A 572
3. WIRE ROPE SHALL CONSIST OF ZINC-COATED WIRES CONFORMING TO ASTM A 603, OR ASTM A 1023 WITH A PRESTRETCHED MODULUS OF ELASTICITY OF 15,000 KSI, OR "PHILLYSTRAN" ROPE.
4. ALL PARTS EXCEPT ROPE SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH AASHTO M111, M232, OR ASTM F2329 AFTER FABRICATION, UNLESS NOTED OTHERWISE.
5. THE SPELTER SOCKETS AND SOCKETING PROCEDURE SHALL BE IN ACCORDANCE WITH THE SPELTER SOCKET AND ROPE MANUFACTURERS RECOMMENDATIONS.
6. ROPE SHALL BE INSTALLED TO 400 LBS TENSION LEAVING A TAKE UP OF 6" STILL AVAILABLE IN THE TURNBUCKLE.
7. EACH CONTINUOUS LENGTH OF CABLE SHALL HAVE A TURNBUCKLE AT ONE END ONLY AND BE ANCHORED TO END POST WITH BRACE AT BOTH ENDS.
8. INTERMEDIATE POSTS AND BRACES SHALL NOT BE INSTALLED ACROSS EXPANSION JOINT.
10. ROPE, SPELTER SOCKETS, TURNBUCKLES AND THEIR CONNECTIONS SHALL HAVE A MINIMUM BREAKING STRENGTH OF 26 KIPS.
11. ALL POSTS TO BE INSTALLED VERTICAL AND ON THE RETAINED UP-HILL SIDE OF THE WALL.
12. ROPE TO BE INSTALLED PARALLEL TO THE TOP OF WALL.

PROVIDE 1½"Ø VENT HOLE IN 2½"Ø STD. PIPE (TYP.)

PROVIDE 2"Ø VENT HOLE IN 2½"Ø STD. PIPE (TYP.)

DRILL 1½"Ø HOLE FOR ¾" Ø SCHED. 40 PVC PIPE (1.05"O.D.), BEVEL EDGES OF INSIDE DIAMETER TO PREVENT CHAFING, PLACE THROUGH CENTER OF POST AND FLARE ENDS (TYP.).

DRILL 1½"Ø HOLE FOR ¾" Ø SCHED. 40 PVC PIPE (1.05"O.D.), BEVEL EDGES OF INSIDE DIAMETER TO PREVENT CHAFING, PLACE THROUGH CENTER OF POST AND FLARE ENDS (TYP.).

FACE OF PIPE

PVC PIPE SLEEVE DETAIL

DETAIL 1

DETAIL 2

VIEW B

SECTION C

NOTE: SEE DETAIL

BRIDGE AND STRUCTURES OFFICE

Washington State Department of Transportation

CABLE FENCE - SIDE MOUNT

100'-0" MAX.

6'-0" MIN.

3'-0" MIN.

2'-6" MIN.

2'-6" MIN.

2'-6" MIN.

2'-6" MIN.

2'-6" MIN.

2'-6" MIN.

2'-6" MIN.

2'-6" MIN.