see WSDOT Amendment to Standard Specifications, Dec. 9, 2006 for design requirements & test procedures. Acceptance of this pull box is based on materials requirements & receipt of independent testing lab results stating pull box meets or exceeds testing criteria.

6" through cored hole in frame STI12PT, 12 inch lap & wire tie to #3 bar. Typical 4 places.

NOTES:
- Shop cut welded wire mesh for blockouts. Provide #3 trimming bars around blockouts as shown.

Design Parameters:
- Accepted Standard Specifications for Highway Bridges
- ACI-318-02 Building Code
- ASTM C857 Minimum Structural Design Loading for Underground Prestressed Concrete Utility Structures

Loads:
- 150 psi concrete density
- 150 psi soil density
- Weight: 0.60 lb/m2 wheel load w/30% impact
- Weight: 0.68 lb/sq. ft. live (25% live)
- Effective soil pressure = 45 psi

Materials:
- Concrete: 28 day compression strength @ = 6000 psi
- Rebar: ASTM A706 Grade 50 fy = 60 ksi (min)
- ASTM A706 Grade 60 fy = 80 ksi (min)
- Roll of welded wire mesh shall be straightened & cut to size before placement.
- 3/8" diamond plate cover: ASTM A36 fy = 36 ksi

SOIL COVER:
- NO soil cover - top of cover @ grade

Typical 4 places