**Joint Detail**

**Section A**

1. **Concrete Masonry**
   - Ensure all mortar joints are 1 in. (25 mm) thick and properly placed.

2. **Steel Reinforcement**
   - Use a minimum of #4 A23.8 bars per 12 in. (300 mm) in all directions for the required capacity.

3. **Concrete Mix**
   - Use a concrete mix with a minimum 28-day cube strength of 2000 psi (13.8 MPa).

4. **Curing**
   - Cure the concrete for a minimum of 7 days to ensure adequate hydration and strength development.

5. **Jointing**
   - Use proper jointing materials to prevent water intrusion and ensure durability.

6. **Expansion Joints**
   - Use appropriate expansion joint materials to accommodate thermal movement.

7. **Drainage**
   - Ensure proper drainage to prevent water accumulation and freeze-thaw damage.

8. **Surrounding Materials**
   - Ensure that surrounding materials are compatible with the concrete masonry units.

9. **Fire Protection**
   - Use appropriate fire-resistant materials to meet local building codes.

10. **Sealing**
    - Use appropriate sealing materials to prevent water penetration.

11. **Inspection**
    - Regular inspections are required to ensure compliance with the design and construction specifications.

**Suitable Patching Material**

- **Exterior Masonry**
- **Concrete**
- **Steel Reinforcement**
- **Curing**
- **Expansion Joints**
- **Drainage**
- **Surrounding Materials**
- **Fire Protection**
- **Sealing**
- **Inspection**