1. Top of valve box and concrete ring must be 1/4" below finished grade.
2. Concrete ring for valves and manholes shall have four (4) stress joints at 90° angles.
3. Depth of concrete shall be a min. 6" or same as AC and ABC section, not to exceed 8".
4. Valves and manholes located under concrete paving shall have a cold joint or expansion joint concrete collar.

**NOTE:**
- Precast manhole neck
- AC pavement or finish grade
- Water
- Finish Grade
- Class 'A' concrete
- Water valves, blowoffs and survey handholes
- Finish Grade 15" 6" 6" 3:1 2" 6" MIN 1/4" 1/4" 6" MIN.
- Manhole paved
- Unpaved
- AC pavement or finish grade
- Class 'A' concrete
- ABC backfill per specs.
- Compact to 95%
- Finish Grade 2" 6" 6" MIN 12" 12" 6" MIN 1/4" 1/4"

**Revision Date:**
- Detail No.
- Engineering detail
- City of Flagstaff
- 09-03-062
- 12/30/2017
- 1

**Diagram Details:**
- Ada Ramp 'A'
- Ada Ramp 'B'
- Ada Ramp 'C'
- North Side McConnell Dr Sidewalk Typical Section