Plan View - Top Slab

- **Diameter**: 24" (8" Min)
- **Lift Handles**: 3 Places
- **Riser**: 4" x 5"
- **Sump**: 6" x 6" (As Req'd)
- **Notes**: 3 & 4

**General Notes**
1. Concrete: fc = 4,000 psi @ 28 Days Minimum, Type III Cement
2. HS-20 Design Loading Conforms to Latest Specifications
   - ASTM C478, AASHTO M199 Precast Reinforced Concrete Manhole Sections
3. One Pour Monolithic Base Section
4. Steel Reinforcement Conforms to Latest ASTM Specification:
   - ASTM A-615, Grade 60 Black Deformed Bars
   - ASTM A-185 Welded Wire Fabric
   - 0.12 Sq. In./Lineal Ft. And 0.12 Sq. In.(Both Ways) Base Bottom
5. Butyl Rubber Joint Sealant Provided Conforms to ASTM C-990
   - And Federal Spec SS-S-210A
6. 94 Gallons/VF
7. Holes & Elevations TBD
8. Sections Available in Increments of 6"
   - Maximum Booted Connection Pipe Size is 24"
10. Maximum Pipe OD is 32" (24" RCP)
11. Plastic Manhole Step (If Required) are Steel Reinforced
    - Conforming to ASTM C-478

**Est Weights**
- Top Slab: 2,000 Lbs
- Wt/VF: 864 Lbs
- Floor: 931 Lbs

**Phoenix Precast Products**
4' Diameter Shallow Catch Basin

**77 Regional Drive**
Concord, NH 03301