



## STANDARD PRECAST MANHOLE

NTS SEE DETAIL U142 - TYPICAL DROP MANHOLE

### NOTES:

1. WHEN MANHOLES ARE INSTALLED IN UNIMPROVED AREAS, THE TOP OF THE COVER SHALL BE A MINIMUM OF 1 FOOT ABOVE ADJACENT FINISHED GRADE.
2. SET ALL BARREL SECTIONS, TAPER BARREL SECTIONS AND GRADE ADJUSTMENT RINGS IN PLASTIC GASKET.
3. CONE SECTION MUST BE ECCENTRIC.
4. LARGER DIAMETER BARRELS REQUIRED, WHERE SHOWN IN PLANS.
5. CONSTRUCT ALL FLOW CHANNELS OF PIPE WHEREVER POSSIBLE. AFTER LOWER RING SECTION IS SET BREAK OUT TOP HALF OF PIPE FLUSH WITH INSIDE FACE OF M.H. WALL AND CONSTRUCT SHELF AND U-SHAPED CHANNEL. MAKE ELEVATION CHANGES GRADUALLY AND DIRECTIONAL CHANGES WITH SMOOTH CURVES.
6. A FLEXIBLE COUPLING AS APPROVED BY THE UNIVERSITY, SHALL BE INSTALLED IN THE SEWER MAIN WITHIN 12" OF THE BASE OF THE MANHOLE
7. BASE SHALL BE POURED FULL THICKNESS TO UNDISTURBED SIDES OF EXCAVATION OR SHALL BE FORMED.
8. EMBEDDED RUNGS ARE NOT PERMITTED. FOR LADDER DETAILS SEE LBNL STD S108.

LBNL STANDARD  
STD PRECAST MANHOLE

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