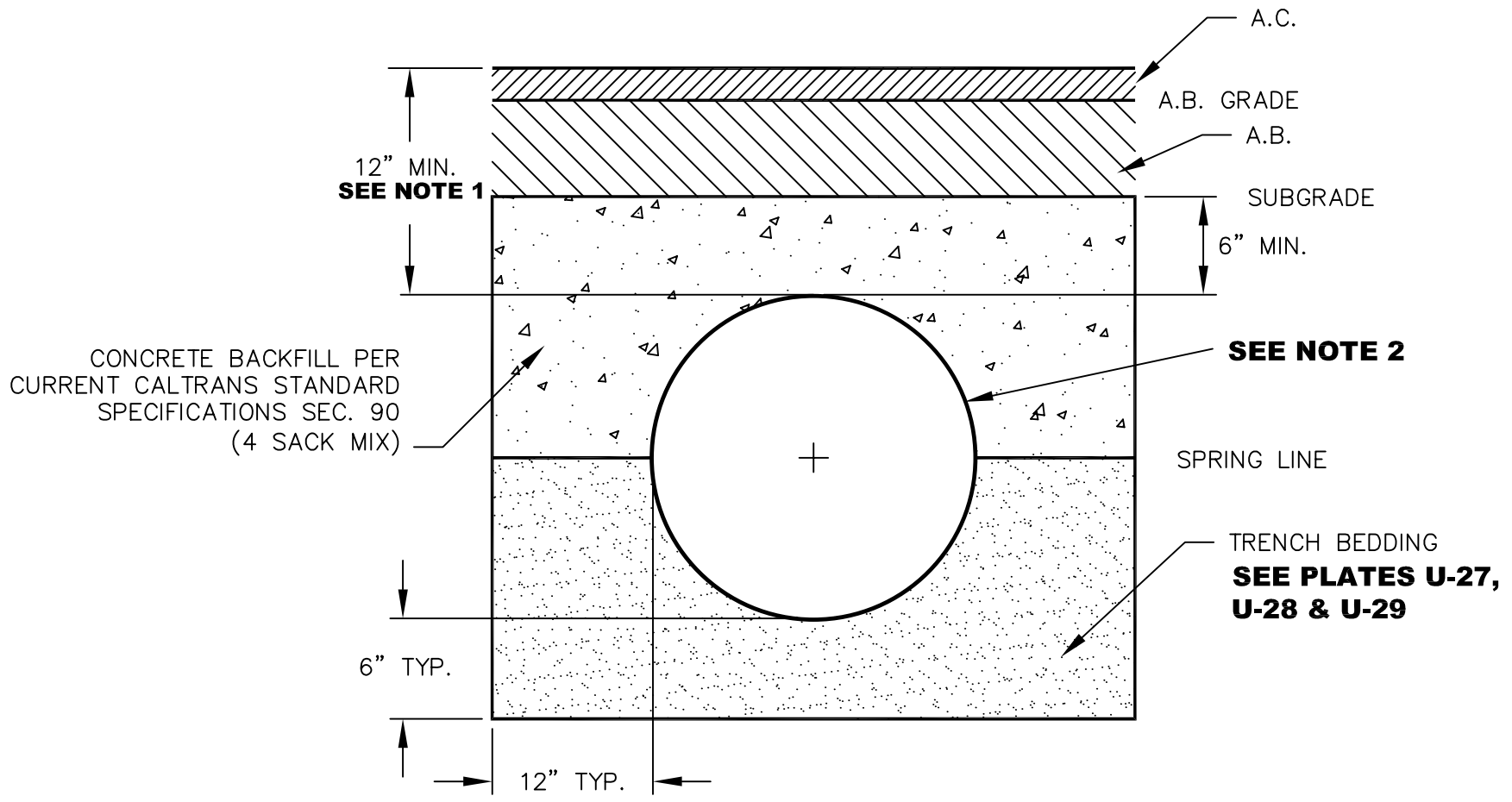


APPROVED: *Jim Heckworth*
 DIRECTOR OF PUBLIC WORKS

**COUNTY OF PLACER
 DEPARTMENT OF PUBLIC WORKS**

**CONCRETE CAP FOR PIPES
 HAVING LESS THAN MINIMUM COVER**

DATE: JULY, 2005 | NTS | PLATE **U-31** (43)



NOTES:

1. PROVIDE MINIMUM COVER SUCH THAT FULL DESIGN A.C. LAYER PROVIDED AND AT LEAST 0.20 FT. OF A.B. TO ALLOW FOR GROUNDWATER FLOW OVER PIPE (i.e. TO PREVENT HYDROSTATIC PRESSURE BUILD-UP UNDER PAVEMENT).
2. IF CONCRETE BONDING TO PIPE IS A CONCERN, WRAP ENTIRE PIPE WITH MINIMUM 10 MIL PLASTIC TO PREVENT BONDING.
3. CONCRETE CAP SHALL NOT BE ALLOWED WITHIN 5' OF A FLEX JOINT IN A SEWER PIPELINE.