



NOTES:

1. DESIGNER SHALL DETERMINE AND SPECIFY SUBSURFACE CHECK DAM SPACING BASED ON THE SUBGRADE SLOPE AND DESIGN AVERAGE STORAGE DEPTH REQUIRED. TYPICAL MAXIMUM SPACING CAN BE ESTIMATED BY DIVIDING THE CHECK DAM HEIGHT BY THE SUBSURFACE SLOPE.
2. SEE STD DETAIL SD-621 THROUGH SD-624 FOR PERMEABLE PAVEMENT SECTION.
3. IF REQUIRED, UNDERDRAIN PIPE SHALL BE 6" MINIMUM DIAMETER (PRIVATE), 8" MINIMUM DIAMETER (PUBLIC). SLOPE PIPE AT 0.5% MIN UNLESS OTHERWISE SPECIFIED. PROVIDE ONE CLEANOUT (MIN) PER 100 FEET OF UNDERDRAIN, AND AT EACH END. LOCATE UNDERDRAIN BELOW STRUCTURAL PAVEMENT BASE DEPTH.
4. LINER SHALL BE HDPE CONFORMING TO GEOSYNTHETIC RESEARCH INSTITUTE (GRI) GM13 OR LLDPE CONFORMING TO GRI GM17.



CITY OF EDMONDS
PUBLIC WORKS
DEPARTMENT

**PERMEABLE PAVEMENT
SUBSURFACE
CHECK DAMS**

APPROVED BY: R. ENGLISH

REVISION DATE
DECEMBER 2017

STANDARD
DETAIL
SD-627