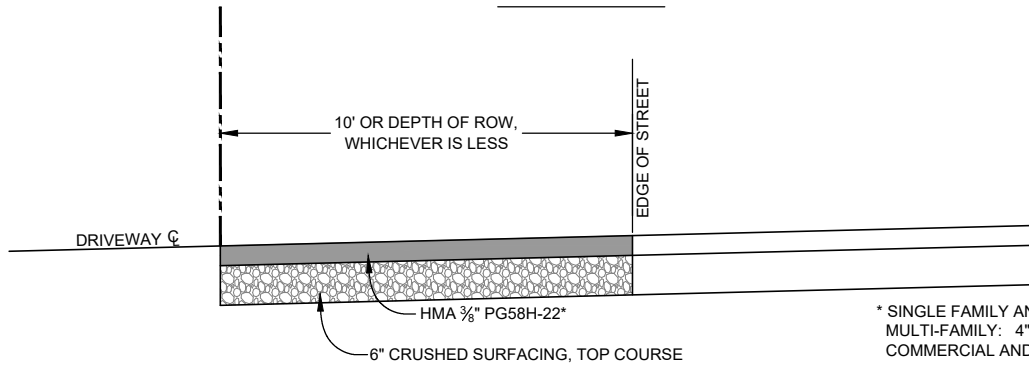
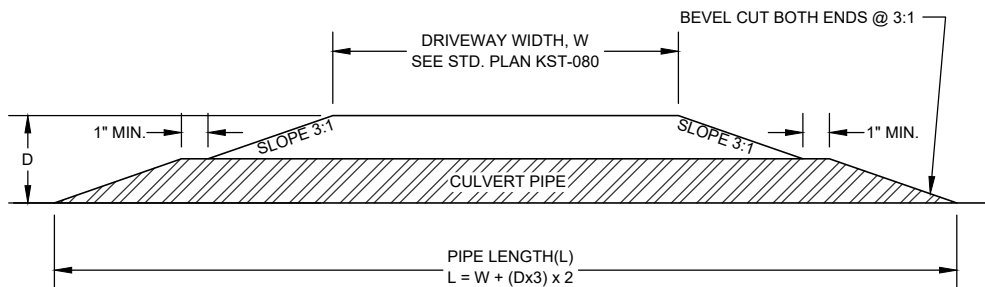


**PLAN VIEW**



\* SINGLE FAMILY AND DUPLEX: 3"  
 MULTI-FAMILY: 4"  
 COMMERCIAL AND INDUSTRIAL: 7"

**SECTION "A-A" - ASPHALT**



L = LENGTH OF CULVERT  
 D = DEPTH (DRIVEWAY SURFACE TO BOTTOM OF PIPE)  
 W = WIDTH OF DRIVEWAY

**CULVERT PIPE INSTALLATION**

SECTION VIEW

**NOTES:**

1. CULVERT SHALL BE PLACED IN ROADSIDE DITCH ALIGNMENT, MATCHING DITCH ELEVATIONS AT ENDS OF PIPE.
2. CULVERT PIPE SIZE PER DESIGN, 12" DIAMETER MIN.
3. CULVERT PIPE MATERIAL SHALL BE HIGH DENSITY POLYETHYLENE (HDPE) - DOUBLE WALL, CORRUGATED EXTERIOR / SMOOTH INTERIOR

N.T.S.



**ASPHALT DRIVEWAY APPROACH, NO CURB**

**CITY OF KELSO**  
 DEPARTMENT OF  
 COMMUNITY DEVELOPMENT  
 & ENGINEERING

**CITY ENGINEER APPROVAL: Michael Kardas, P.E.**

x *[Signature]*

STANDARD PLAN NO.

**KST-090-21**

DATE:

**MAY 2021**