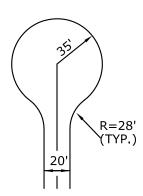
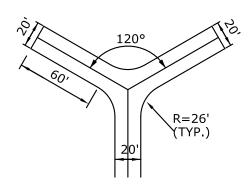


96' DIAMETER CUL-DE-SAC

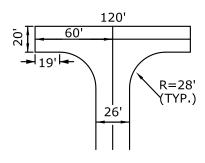


70' DIAMETER CUL-DE-SAC

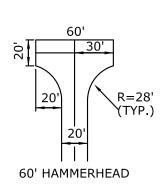
Lenath Width



ACCEPTABLE ALTERNATIVE TO 120' HAMMERHEAD



120' HAMMERHEAD

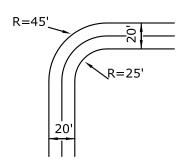


ACCEPTABLE ALTERNATIVE TO 120' HAMMERHEAD

22'

R=28' (TYP.)

Requirements for dead end fire access roads



INSIDE AND OUTSIDE TURN RADIUS

(feet)	(feet)	Turnarounds Required
0-150'	20'	None Required
151'-500'	20'	120' hammerhead, 60' "Y", or 96' diameter cul-de-sac
501'-750'	26'	120' hammerhead, 60' "Y", or 96' diameter cul-de-sac
OVER 750'	SPECIAL APPROVAL REQUIRED	

NOTES:

Where a fire hydrant is located on a fire apparatus access road, the minimum road width shall be 26 feet.

Road surfaces must be capable of supporting the imposed load of fire apparatus weighing at the least 75,000 pounds.

Fire apparatus access roads shall not exceed ten percent in grade. Grades steeper than ten percent must be approved by the Fire Marshal.

FIRE MARSHAL APPROVAL OF CONSTRUCTION PLANS REQUIRED

Newberg

PUBLIC WORKS	ENG	INEERING	DΙ\	/ISIDN	
414 E. FIRST ST	REET	NEWBERG,	□R	97132	
PHDNE: 503-537-1240					
FAX:	503-5	537-1277			

REVISIONS:

APPROVED FIRE DEPARTMENT TURN AROUNDS

	SCALE:	N.T.S
	DATE:	July 2004
	APPROVED BY:	D. Danicic
	STANDARD DRAWING	529