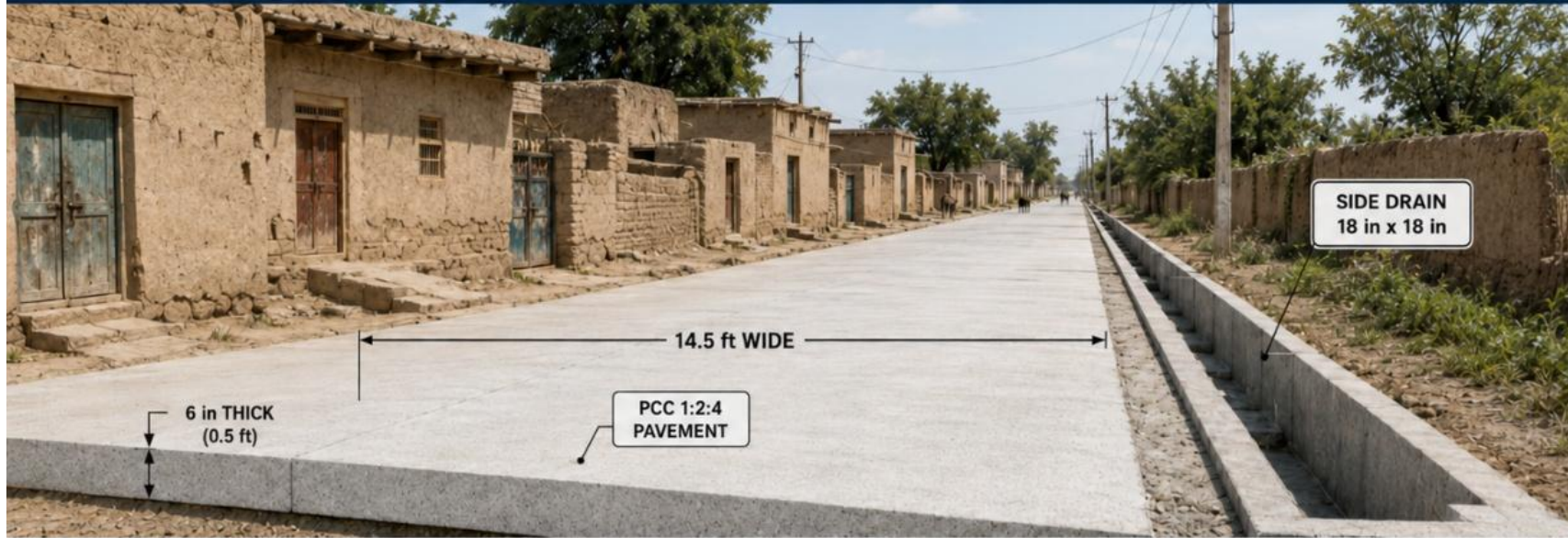
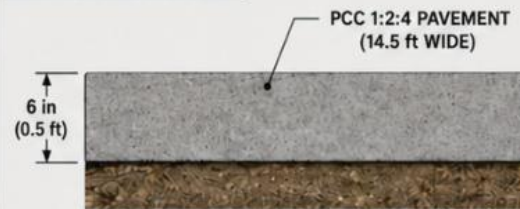


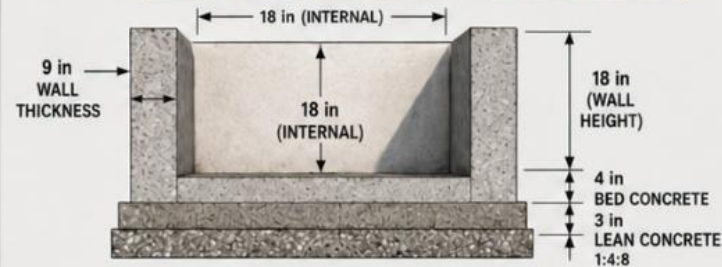
RESIDENTIAL STREET WITH SIDE DRAIN – PAVEMENT, DRAIN & CULVERT DETAILS



PAVEMENT SECTION



SIDE DRAIN SECTION (INTERNAL SIZE 18 in x 18 in)



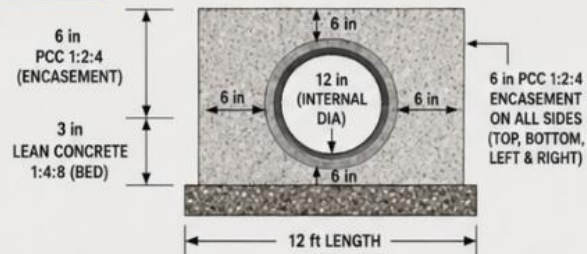
SIDE DRAIN SPECIFICATIONS

Internal Size	18 in x 18 in
Wall Thickness	9 in (PCC)
Wall Height	18 in
Bed Concrete	4 in (PCC 1:2:4)
Lean Concrete	3 in (1:4:8)

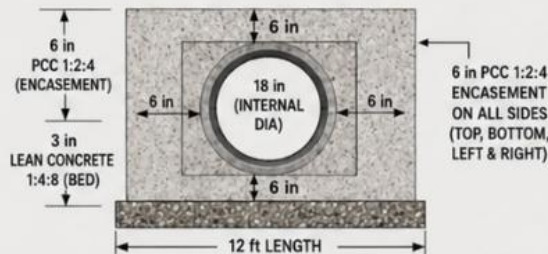
Open at top and runs continuously along the side of the street.

CULVERT DETAILS

RCC PIPE CULVERT – 12 in DIA



RCC PIPE CULVERT – 18 in DIA



CULVERT SPECIFICATIONS

Pipe Material	RCC
Wall Thickness (Pipe)	2 in
Length	12 ft
Encasement Concrete	6 in PCC 1:2:4 on all sides (Top, Bottom, Left & Right)
Lean Concrete (Bed)	3 in 1:4:8
Pipes to be centered in PCC encasement.	