

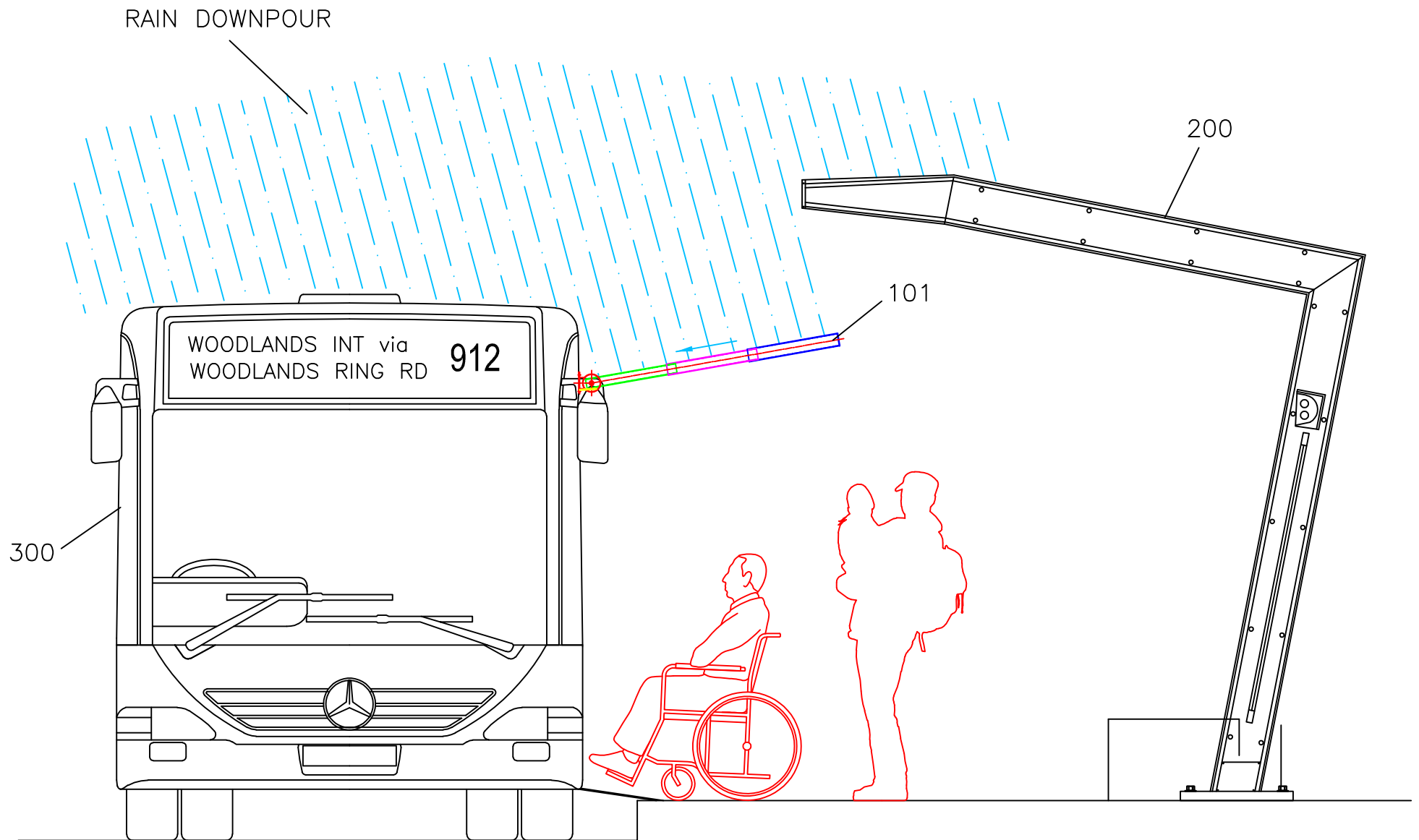


FIGURE-1
AI ENABLED TELESCOPIC RAIN SHIELD
FOR ENTRANCE AND EXIT DOORS OF PASSENGER BUS

LEFT SIDE

RIGHT SIDE

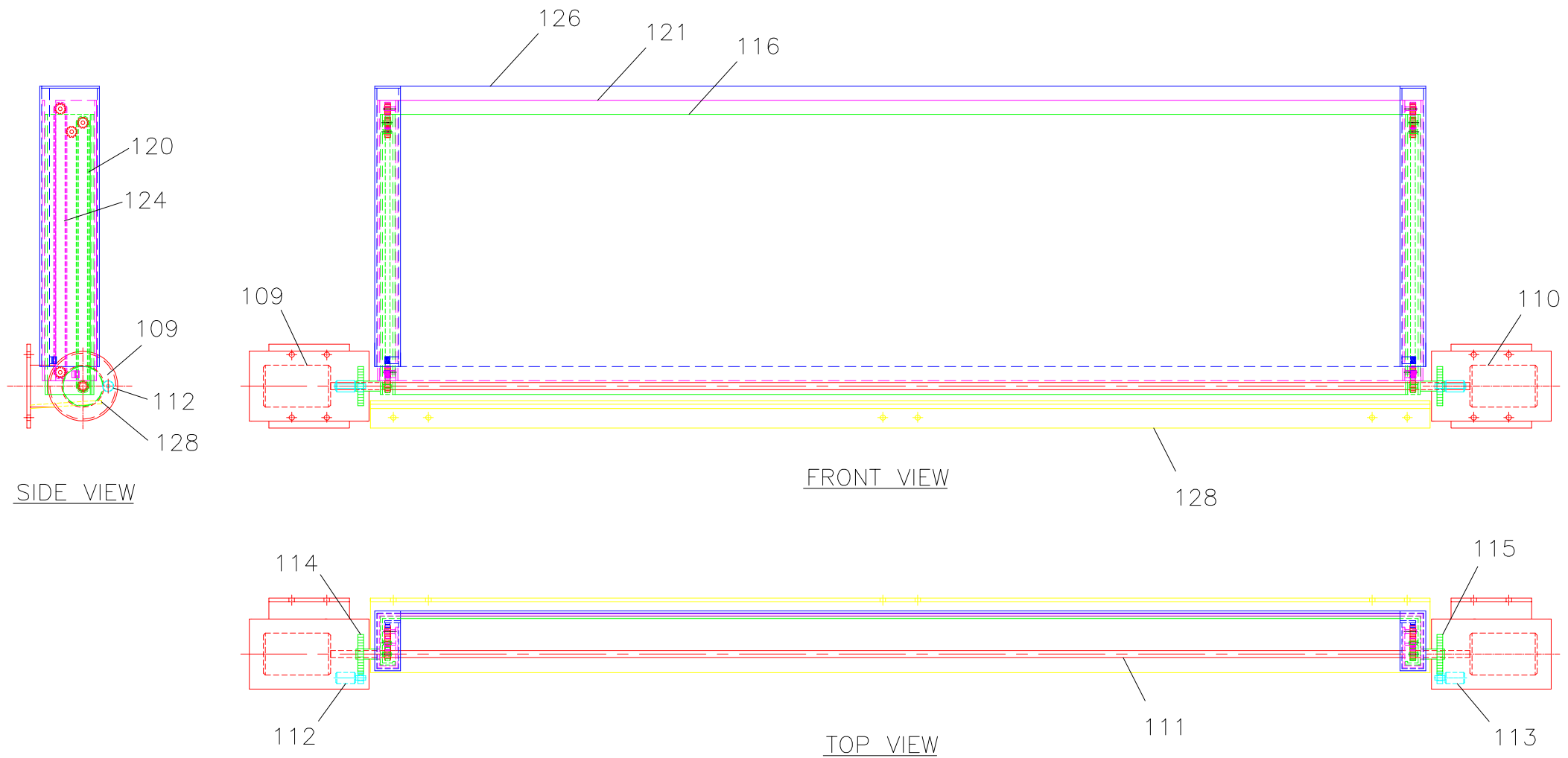


FIGURE-2

AI ENABLED TELESCOPIC RAIN SHIELD AT INITIAL POSITION

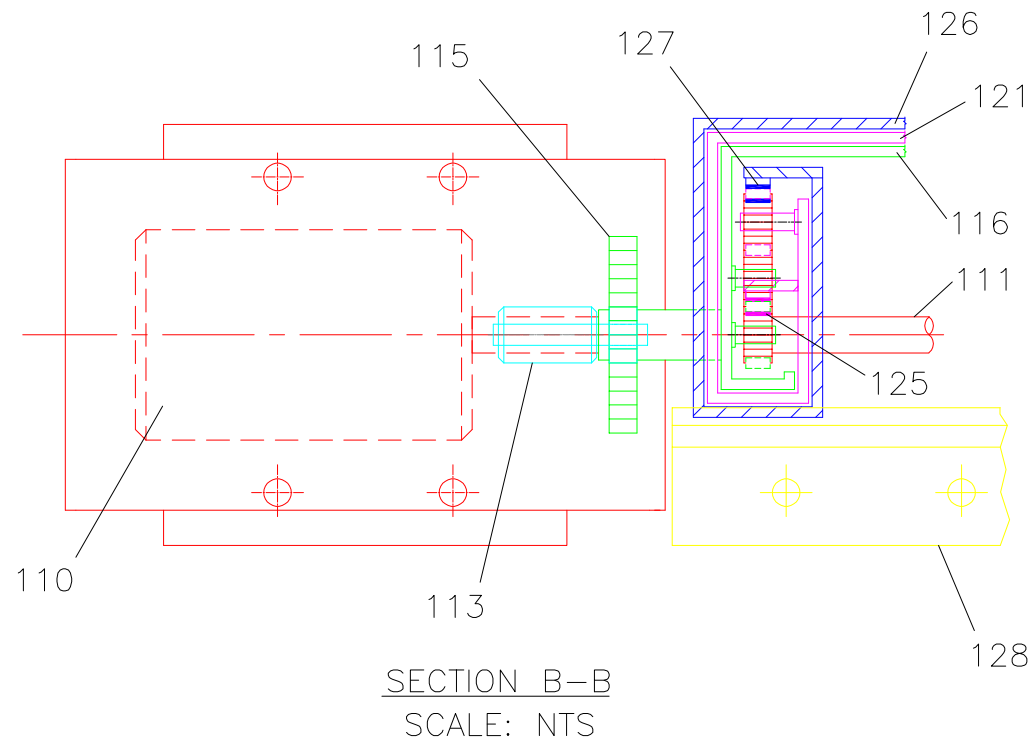
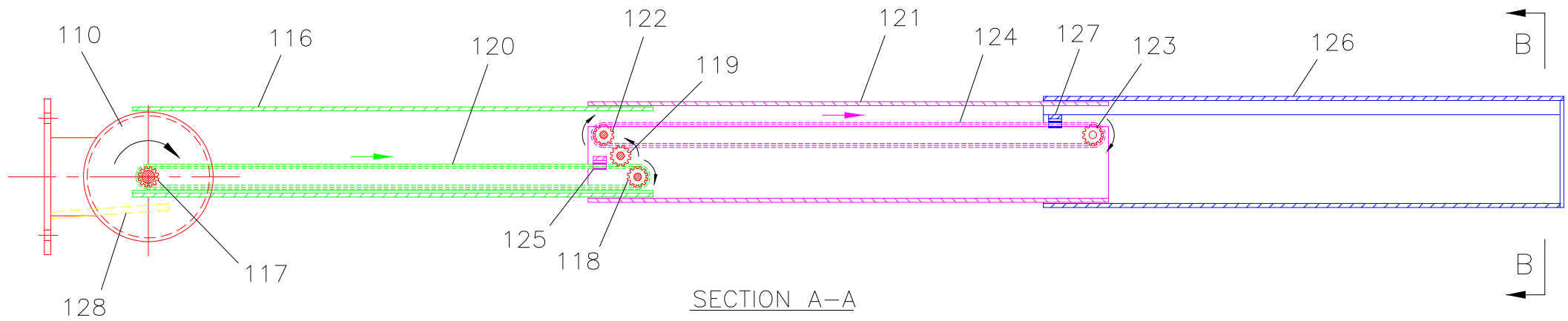
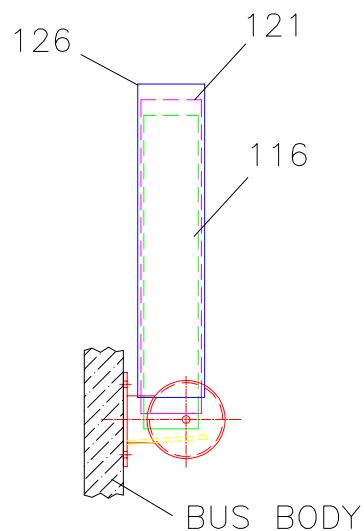
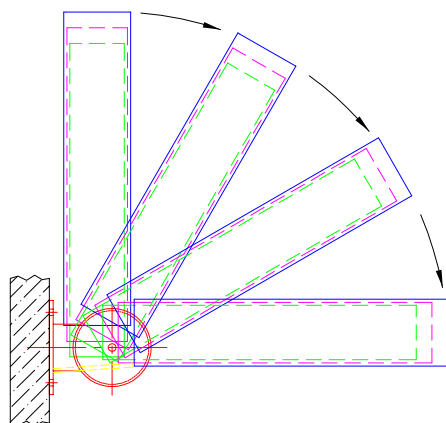


FIGURE-4
SECTIONAL VIEW OF AI ENABLED TELESCOPIC RAIN SHIELD
IN FULLY DEPLOYED POSITION

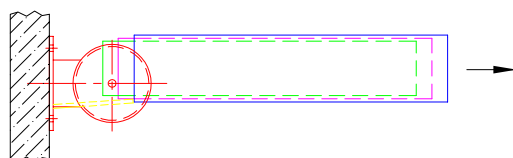
STAGE-1:
INITIAL POSITION
OF TELESCOPIC
RAIN SHIELD
ASSEMBLY



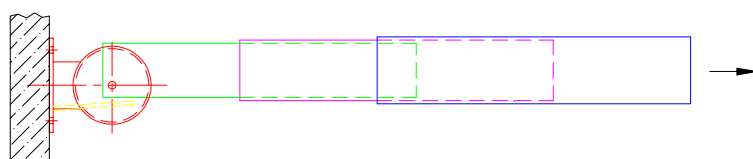
STAGE-2:
ANGULAR MOTION
OF RAIN SHIELD
ASSEMBLY



STAGE-3:
STARTING TO DEPLOY



STAGE-4:
DEPLOYMENT IN
PROGRESS



STAGE-5:
FULLY DEPLOYED
TELESCOPIC RAIN
SHIELDS

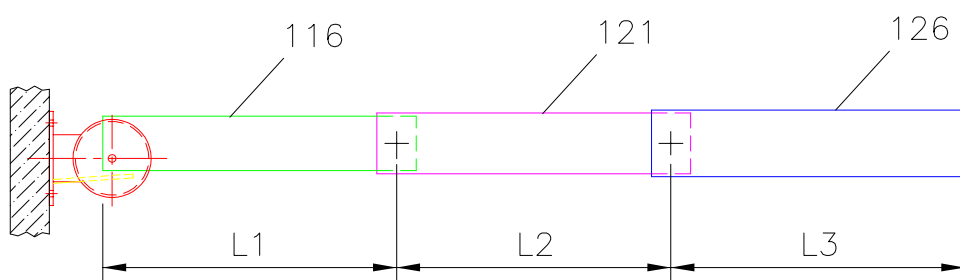


FIGURE-5
FUNCTIONAL SEQUENCE OF
AI ENABLED TELESCOPIC RAIN SHIELD

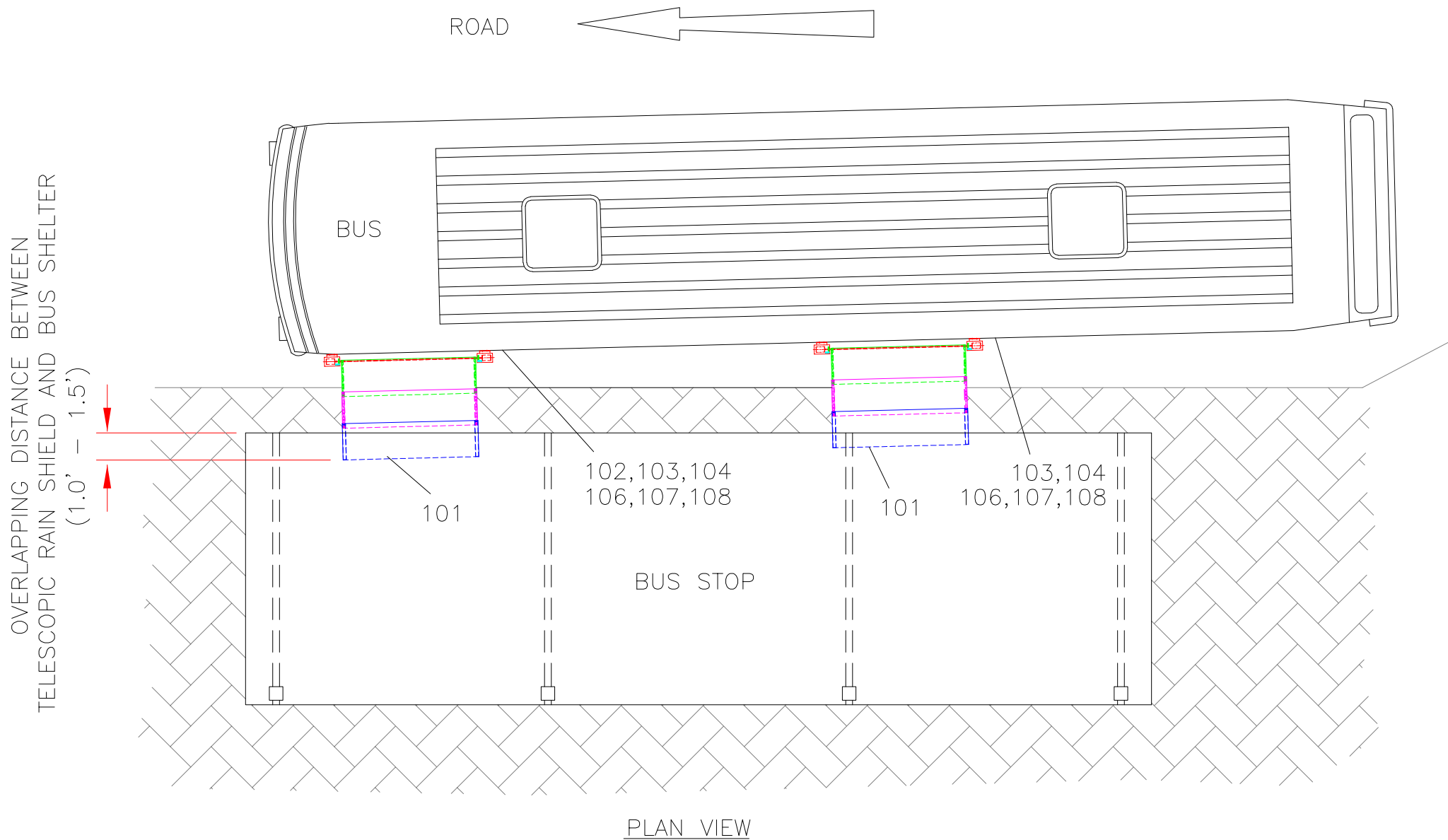
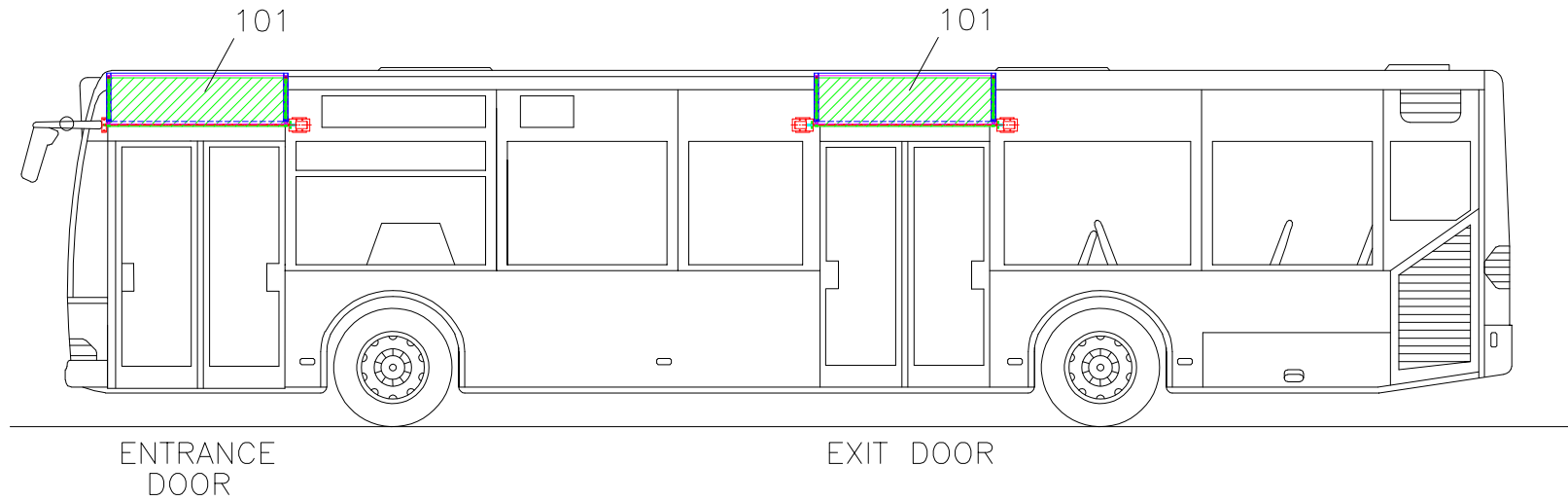
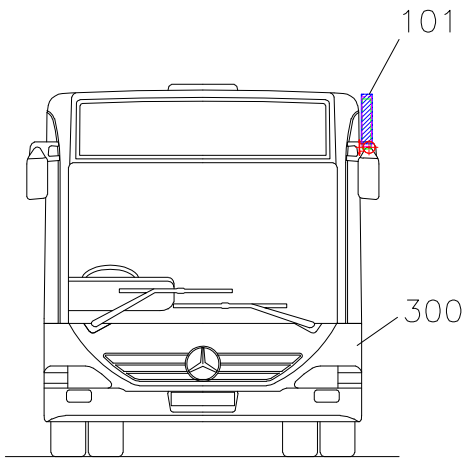
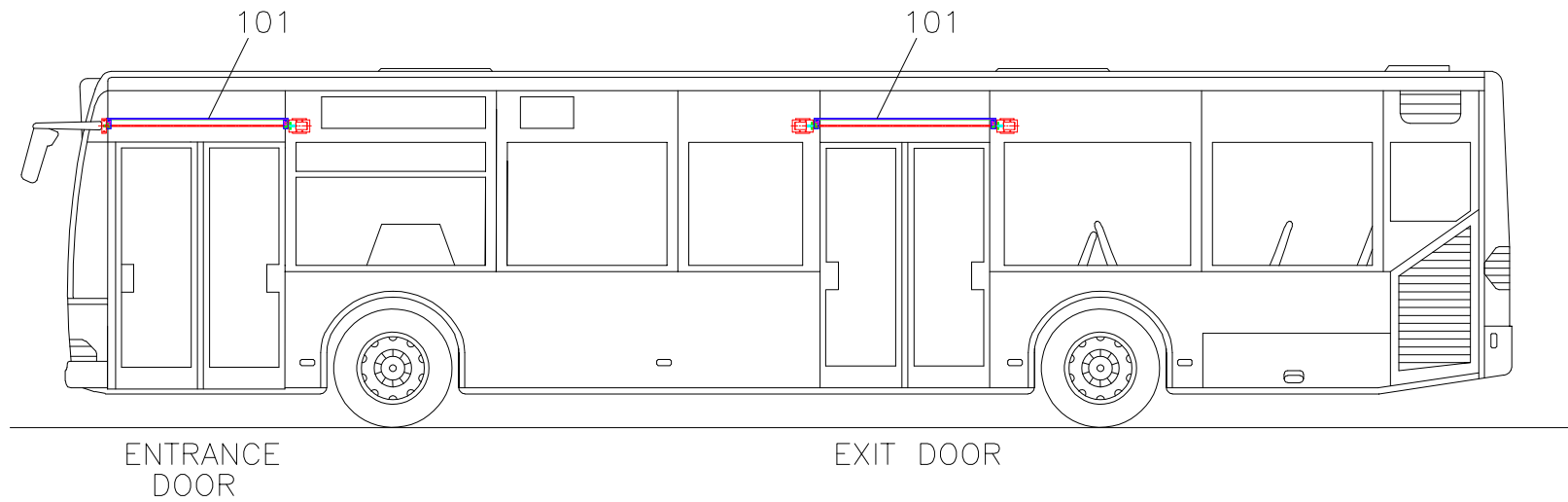
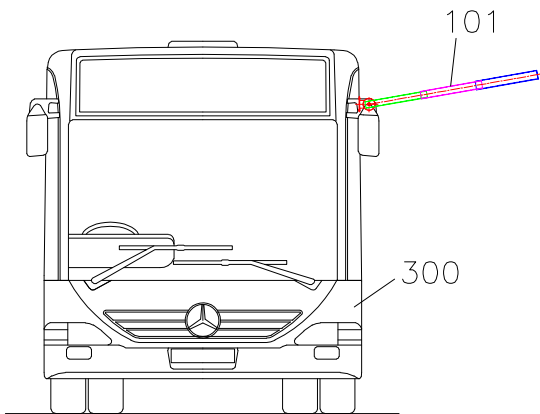


FIGURE-6
AI ENABLED TELESCOPIC RAIN SHIELD
FOR ENTRANCE AND EXIT DOORS OF PASSENGER BUS AT BUS STOP



AI ENABLED TELESCOPIC RAIN SHIELD AT INITIAL POSITION



AI ENABLED TELESCOPIC RAIN SHIELD AT DEPLOYED POSITION

FIGURE-7

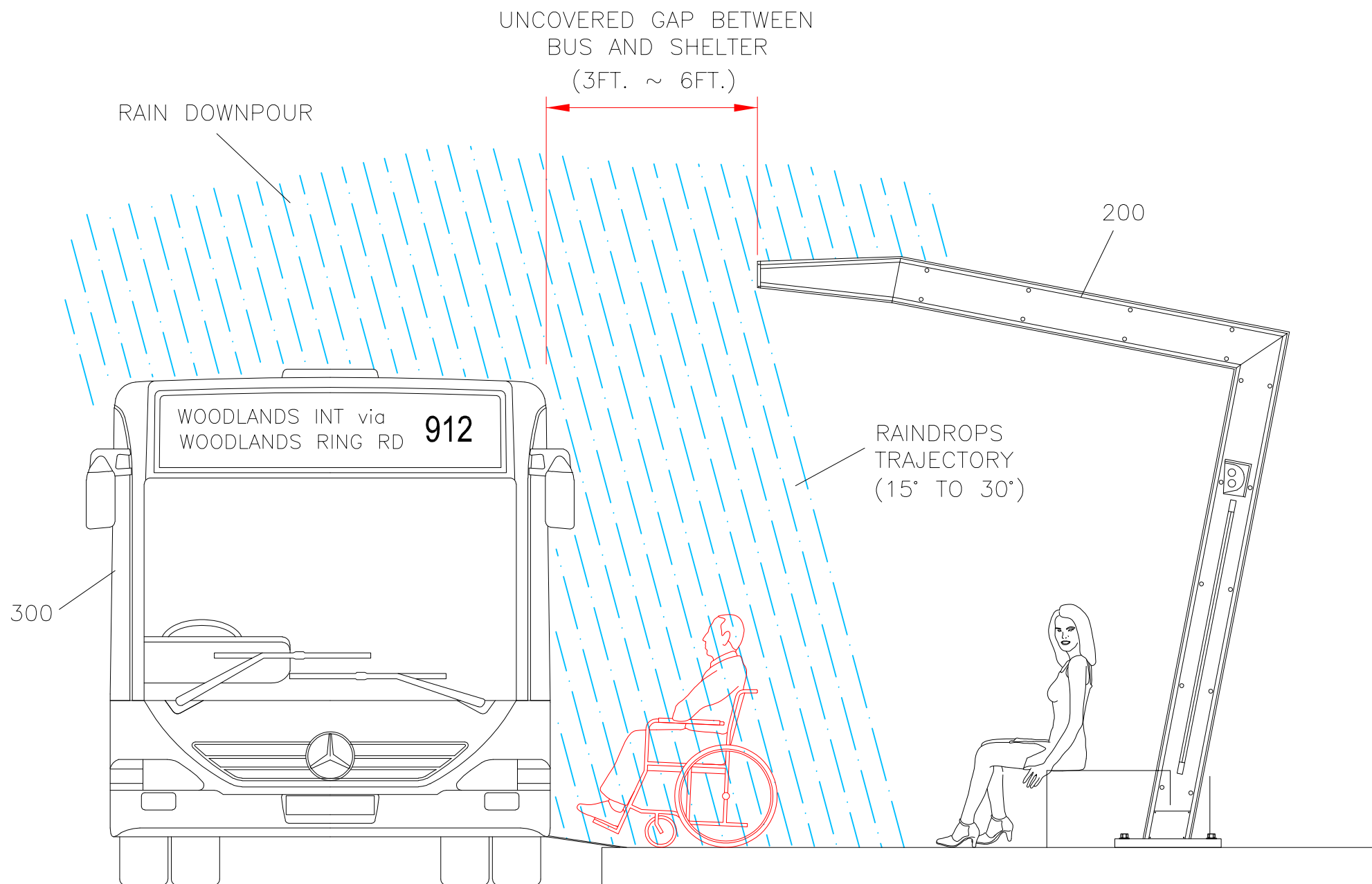


FIGURE-8
UNCOVERED GAP BETWEEN BUS AND SHELTER AND
RAINDROPS TRAJECTORY ANGLE STUDIES

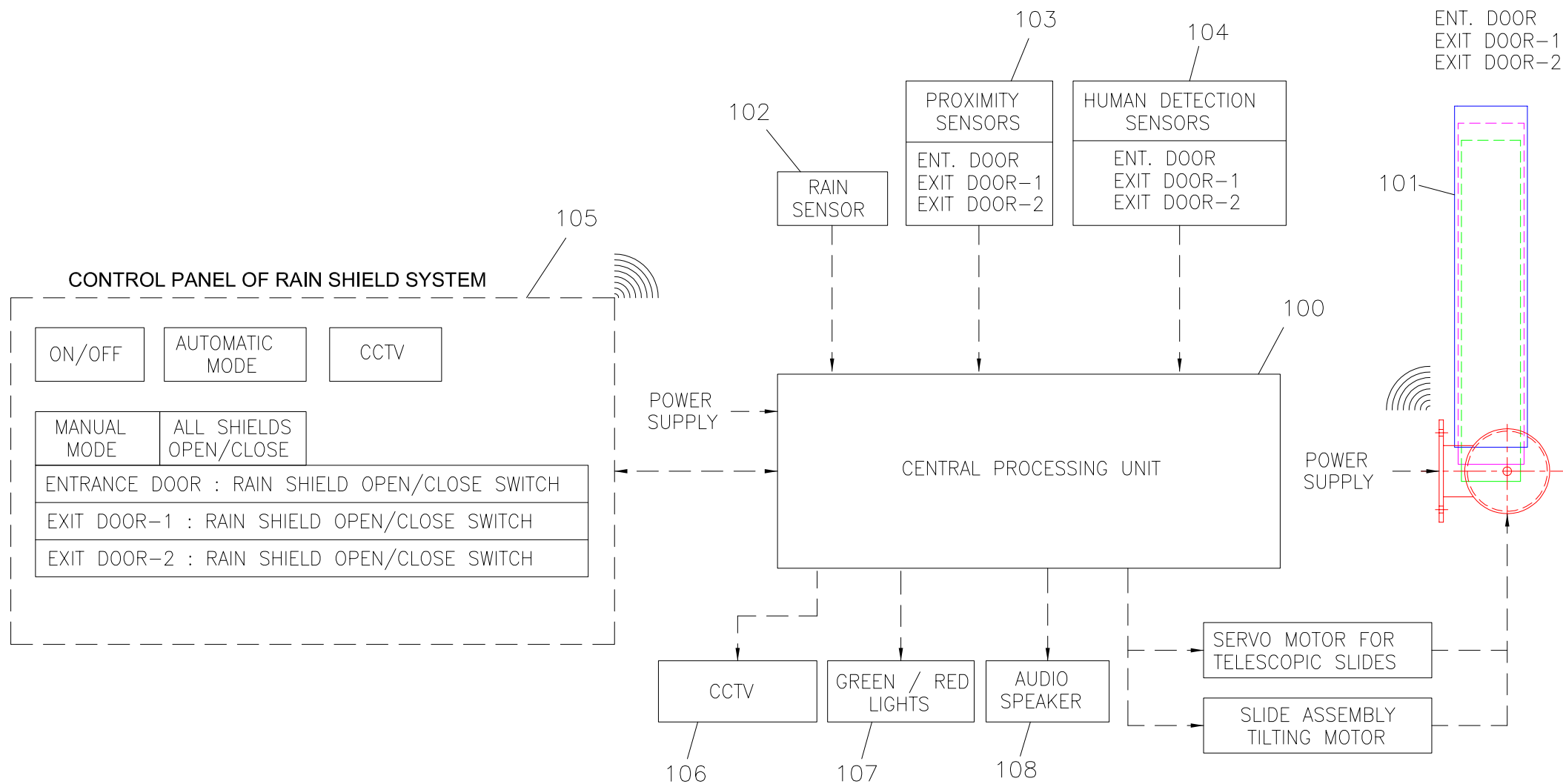


FIGURE-9
 SYSTEM DIAGRAM FOR AI ENABLED TELESCOPIC
 RAIN SHIELD FOR ENTRANCE AND EXIT DOORS
 OF PASSENGER BUS

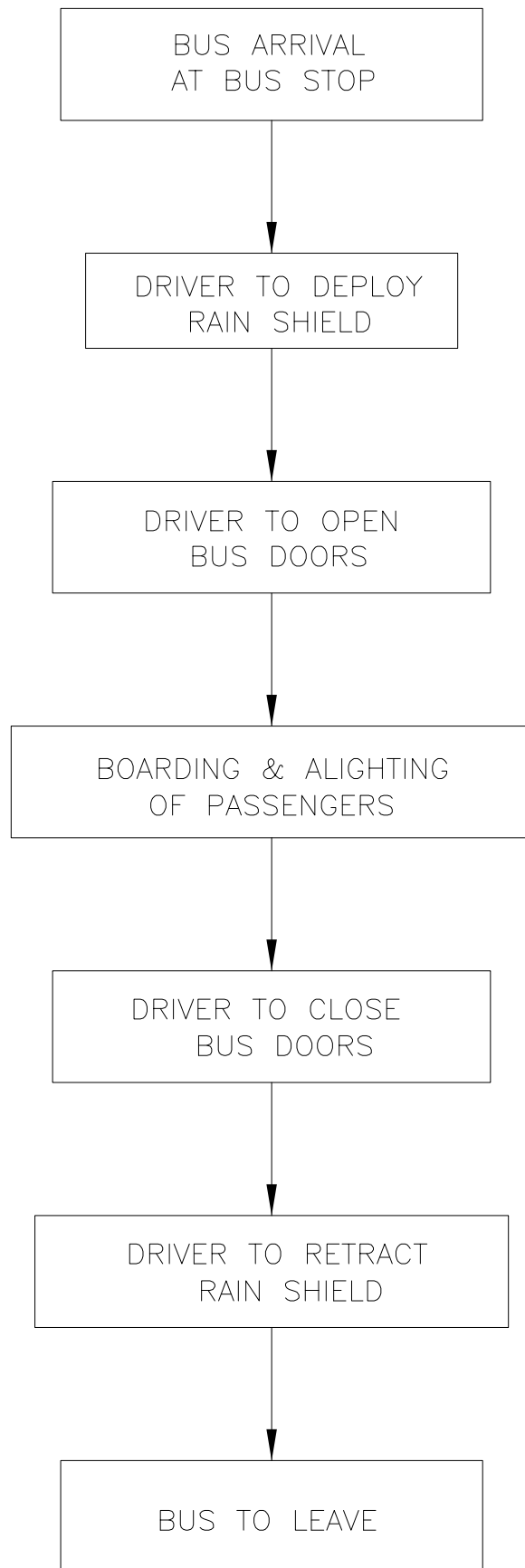


FIGURE-10
FUNCTIONAL FLOW CHART FOR MANUAL MODE

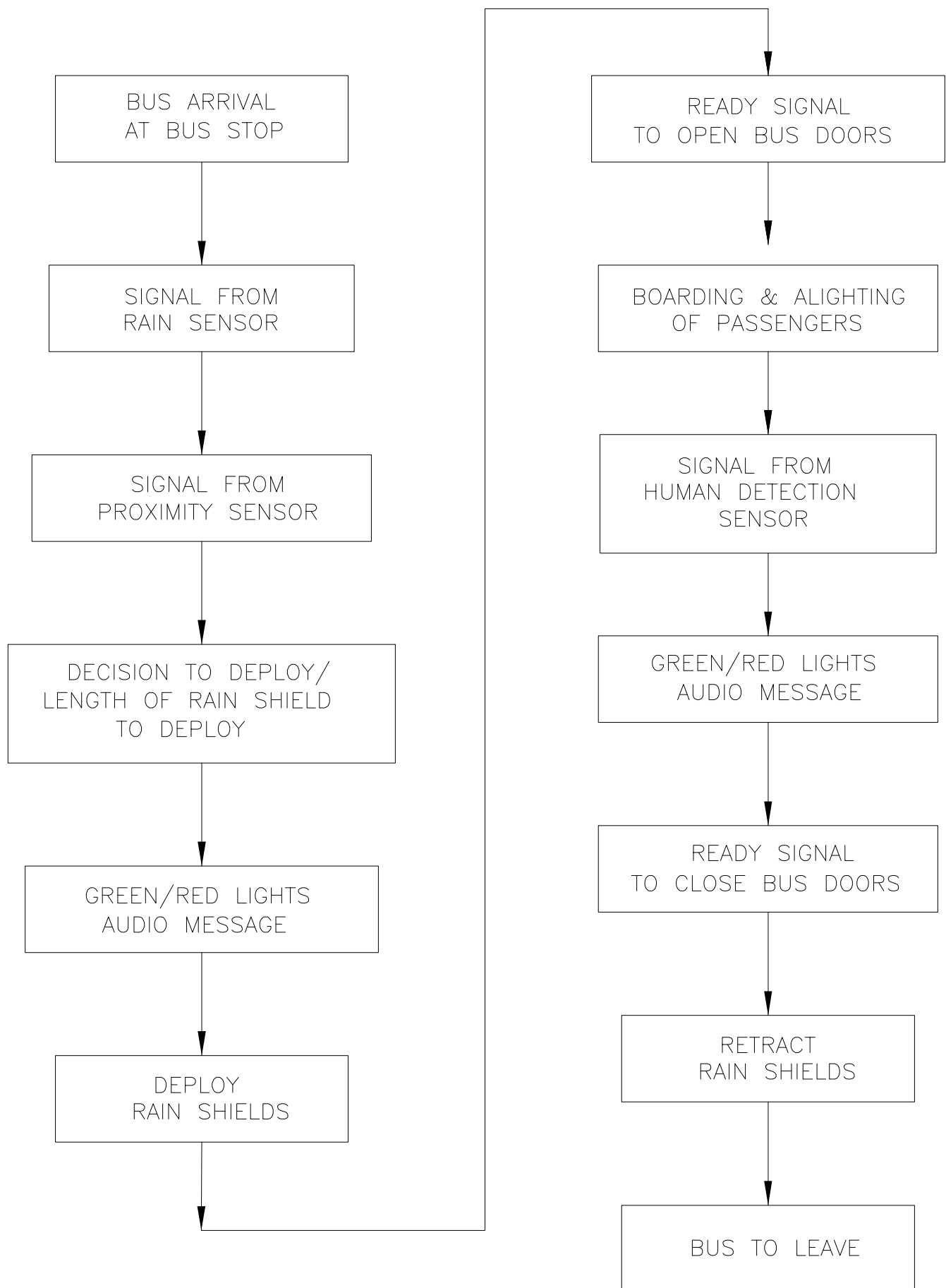


FIGURE-11
FUNCTIONAL FLOW CHART FOR AI ENABLED MODE