


SPACE NECESSARY FOR 25kV OVERHEAD CONTACT SYSTEN FOR CHSTP SECTIONS DEDICATED TO HIGH SPEED FOR CONTACT WIRE HEIGHT OF 17'-0


SPACE NECESSARY FOR 25 kV OVERHEAD CONTACT SYSTEM FOR CHSTP SECTIONS DEDICATED TO HIGH SPEED
IN TUNNEL OR STRUCTURE FOR SUPERELEVATED TRACK

NOTE:
THE 25 KV OCS ELECTRICAL ENVELOPE DOES NOT INCLUDE
THE NECSSARY SPACE REOUIREMENT FORTHE 25 KV NEGAT


CALIFORNIA HIGH-SPEED TRAIN PROJECT
25 kV OVERHAD CONTACT SYSTEM AND PANTOGRAPH CLEARANCE ENVELOPE SHEET 2 OF 4



SPACE NECESSARY FOR 25kV OVERHEAD CONTACT SYSTEM FOR CHSTP SECTIONS DEDICATED TO HIGH SPEED ALIGNMENT IN TUNNEL OR STRUCTIRE


SPACE NECESSARY FOR 25 KV OVERHEAD CONTACT SYSTEM $\frac{\text { FOR CHSTP SECTIONS DEDICATED TO HIGH SPEED }}{\text { FOR CONTACT WIRE HEIGHT OF } 18^{\prime}-9}$ IN TUNNEL CONTACT WIRE HEIGHTOF OR $18^{\prime \prime-9}$

NOTE:


## CALIFORNIA HIGH-SPEED TRAIN PROJECT

5kV OVERHEAD CONTACT SYSTEM AND PANTOGRAPH CLEARANCE ENVELOPE SHEET 4 OF 4


