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Abbreviations

AIS	All India standards
BIM	Building information modelling
BS	British standard
CAD	Computer-aided design
DAF	Dynamic amplification factor
EWS	Economically weaker section
HT	High tensile
IBS	Industrialized building system
IS	Indian standard
LIG	Lower income group
MC	Modular coordination
MEP	Mechanical, electrical and plumbing
MIG	Middle income group
PEB	Pre-engineered building
RC	Reinforced concrete
RCC	Reinforced cement concrete
SF	Steel frame
VOSF	Volumetric off-site fabrication

LIST OF SYMBOLS

M	Bending moment
P	Load/applied force
W	Load (dead/live load)
Δ	Displacement/deflection
f_c	Characteristic compressive strength of concrete
f_y	Yield strength of steel
A_s	Area of steel reinforcement
b	Width of section
d	Effective depth
D	Overall depth
L	Span length
w	Load per unit length
σ	Stress
τ	Shear stress
θ	Angle
ρ	Reinforcement ratio
γ	Unit weight
E	Modulus of elasticity
I	Moment of inertia
V	Shear force