

```

def read_values(self, build_ele):
    """
    Read palette parameter values

    Args:
        build_ele: the building element.
    """
    #----- Extract foundation geometry parameter values
    self.showfoundationhandles = build_ele.ShowFoundationHandles.value
    self.foundationlength1 = build_ele.FoundationLength1.value
    self.foundationlength2 = build_ele.FoundationLength2.value
    self.foundationwidth1 = build_ele.FoundationWidth1.value
    self.foundationprojection = build_ele.FoundationProjection.value
    self.foundationheight = build_ele.FoundationHeight.value
    self.foundationprojectionoutside = build_ele.FoundationProjectionOutside.value
    self.foundationoutsideslope = build_ele.FoundationOutsideSlope.value
    self.foundationinsideslope = build_ele.FoundationInsideSlope.value
    self.constructionjointheight = build_ele.ConstructionJointHeight.value
    self.absoluteheight_joint = self.foundationheight + self.constructionjointheight

    #----- Extract abutment wall geometry parameter values
    self.showabutmentwallhandles = build_ele.ShowAbutmentWallHandles.value
    self.abutmentwallthickness = build_ele.AbutmentWallThickness.value
    self.abutmentwallheight2 = build_ele.AbutmentWallHeight2.value
    self.abutmentwallheight3 = build_ele.AbutmentWallHeight3.value
    self.abutmentwallheight4 = build_ele.AbutmentWallHeight4.value
    self.abutmentwallheight = build_ele.WingWallHeight.value # Abutment wall height
    self.abutmentchamberwallthickness = build_ele.AbutmentChamberWallThickness.value
    self.abutmentwallbenchingslope = build_ele.AbutmentWallBenchingSlope.value
    self.abutmentwallupstanddepth = build_ele.AbutmentWallUpstandDepth.value
    self.abutmentwallslopeangle.Deg = 90 - build_ele.AbutmentWallSlopeAngle.value
    self.absoluteheight_abutmentwall = self.foundationheight + self.abutmentwallheight

```