



CERTIFICATE

No. 24-1520/PES/BIM-C3D/VII/2024

This certifies that

Muhammad Yusuf Barakka

Has successfully completed the intensive training of :

**BIM IMPLEMENTATION FOR
WATER INFRASTRUCTURE MODELING DETAIL
AUTODESK CIVIL3D**

Held on July 22-25, 2024 (total 4 days)

Conducted By PT. Minarta Dutahutama, in Jakarta.

Topics Include :

Introduction and User Interface of Civil 3D, UTM Zones
Topographic Data Processing, and Modify.
Create and Modification of Surface dan Contour.
Horizontal and Vertical Alignment, Modeling Assembly for Roads and Irrigation Canal, 3D Model Corridor
Produce Sample Line and Cross Section also Cross Label and Quantity
Plan Production, Section Sheet, Site Development and Grading Plan.
Material Take off
Cad Tool and Coordinate Report

Depok, July 26, 2024



**Muslih
Trainer**

PRABA ENGINEERING SERVICES

BIM : CIVIL3D, INFRAWORKS, REVIT, ARCHICAD, TEKLA, ADVANCE STEEL, ALLPLAN, NAVISWORKS, SYNCRO, LUMION, PLANT3D, CATIA, INVENTOR, ZW3D, BIM360
SURVEY & GIS : DRONE AERIAL VIDEO, DRONE AERIAL MAPPING, DRONE LIDAR, SURVEY TOPO, GNSS RTK, TS, BATHYMETRY, TLS3DSCAN, QGIS, ARCGIS, WEBGIS, SURPAC
ANALISIS DAN MANAJEMEN PROYEK : PLAXIS, SAP, ETABS, STAADPRO, CSI BRIDGE, MIDAS CIVIL, HECRAS, MS. PROJECT, PRIMAVERA, AR+VR

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