



*Upgrade Resources
Boost Productivity*



CERTIFICATE

No. 24-1392/PES/BIM-R.ARS-STR-MEP/I/2024

This certifies that

Muhammad Yusuf Barakka, S.ST.

Has successfully completed the intensive training of :

**BIM REVIT
ARCHITECT, STRUCTURE & M.E.P.**

Held on January 20-21, 2024 (total 2 days, 16 hours) in Makassar, South Sulawesi

Topics Include :

Architect

Navigating the Revit Architecture workspace and interface.
Basic drawing and editing tools. Levels and Grids as datum elements for the model.
Modeling of Wall, Architectural Column, Floor, Door, Window, Ceiling, Stair, Railing, and Roof.
Load Family, Create Floor Plan, Annotation and Tagging, Adding component features such as furniture and equipment. Setup Sheet, Schedule/Quantities.

Structure :

Use 3D Modeling of Building include Column, slabs, and customized structural beam.
Label, tagging and annotation.
Bar bending, Material take off and 2D Detail drawing in sheet view & Schedule/Quantities

MEP :

Building Model architecture for MEP base.
Level dan Grid. Job Workflow from Architect to MEP Include the Revit Architect link
Create a new Plan view, HVAC System Modeling, Models of Mechanical Equipment, Air Duct, Air Terminal, Making Space, Plumbing Fixture, Placement Fixture.
Material take off and 2D Detail drawing in sheet view & Schedule/Quantities

Depok, January 22, 2024



Syamsul, S.T.
Trainer

PRABA ENGINEERING SERVICES

BIM : CIVIL3D, INFRAWORKS, REVIT, ARCHICAD, TEKLA, ADVANCE STEEL, ALLPLAN, NAVISWORKS, SYNCHRO, LUMION, PLANT3D, CATIA, INVENTOR, BIM360
SURVEY & GIS : DRONE AERIAL VIDEO, AERIAL MAPPING, SURVEY TOPO, GNSS RTK, TS, BATHYMETRY, QGIS, ARCGIS, WEBGIS, SURPAC
ANALYSIS AND PROJECT MANAGEMENT : PLAXIS, SAP, ETABS, STAADPRO, CSI BRIDGE, MIDAS CIVIL, HECRAS, MS. PROJECT, PRIMAVERA
Vila Mutiara Cinere Blok F/40, JL. Grogol Raya, Boulevard VMC, Grogol, Limo, Depok 16514, WEST JAVA, INDONESIA