PURPOSE DRIVEN BIM | DESIGNING THE FUTURE

FRANK MCLEOD | TOMASZ OLECHOWSKI | TOMASZ KORZENIEWSKI
LEADING GLOBAL ENGINEERING PROFESSIONAL SERVICES & CONSULTING

OVER **35000** STAFF // MORE THAN **500** OFFICES

BASED IN **39** COUNTRIES // LOCATED IN EVERY CONTINENT
BIM LIFE CYCLE
CASE STUDIES

55 – 91 KNIGHTSBRIDGE
UNIVERSITY OF GLASGOW
HANOVER SQUARE
HEATHROW T1, T2 & T4 Q6 BAGGAGE
22 BISHOPSGATE
55 – 91 KNIGHTSBRIDGE

RETAINED FAÇADE

- GOOGLE EARTH VIEW
- STRUCTURAL 3D MODEL
- FEDERATED WITH RETAINED FAÇADE MODEL
55 – 91 KNIGHTSBRIDGE

SCOPE OF DESIGN

- GEOMETRY
- ANALYSIS
- TIMBER
- STEEL
- REINFORCED CONCRETE
55 – 91 KNIGHTSBRIDGE
DESIGNING STRUCTURE – KEY ISSUES

- BRACING
- ISOLATION
- TUBE
- QUIET
- NOISY
55 – 91 KNIGHTSBRIDGE
DESIGNING STRUCTURE – KEY ISSUES
55 – 91 KNIGHTSBRIDGE

BIM TOOLS

- BEP
- EIR
- RAM STRUCTURAL
- ISM Enabled
- ETABS
- NAVISWORKS
- REVIT
55 – 91 KNIGHTSBRIDGE

FROM OUR POINT OF VIEW

- CHEVAL KNIGHTSBRIDGE
- SITE SURVEY
- BIM
- BUILDING STRUCTURES
- ACOUSTICS
- BUILDING SERVICES
- CONSERVATION ARCHITECT
- INTERIOR ARCHITECT
- ARCHITECT
- WSP PARSONS BRINCKERHOFF
55 – 91 KNIGHTSBRIDGE

FEDERATED MODEL - NAVISWORKS

CLASH REPORT
CLEAR COMMUNICATION USING BIM

RAMP

55 – 91 KNIGHTSBRIDGE
EXCHANGEING INFORMATION

55 – 91 KNIGHTSBRIDGE

HUDDLE
55 – 91 KNIGHTSBRIDGE

FINAL RESULTS
UNIVERSITY OF GLASGOW

| SYSTEM | CODE/Name | Code Parameters | Notes | C | C | C | C | C | C | M | M | M | M | S | S | S | S | S | S | S | S | S |
| EIR    | Code Parameter Name | System Name | Notes | C | C | C | C | C | C | M | M | M | M | S | S | S | S | S | S | S | S | S | S |
| BEP    | Code Parameter Name | System Name | Notes | C | C | C | C | C | C | M | M | M | M | S | S | S | S | S | S | S | S | S | S | S | S |

LEARNING AND TEACHING HUB
JULY 2015

- EIR STRATEGY
- REVISION OF SYSTEM FOR TEACHING
- BEP STRATEGY
- PROFESSIONAL/TEACHING/ADMIN
- POST OFFICE & EDUCATION PLAN

OIR
EIR
BEP
HANOVER SQUARE

- EIR
- BEP
- TECHNICAL INTEGRATION
- CONSTRUCTION REPORTING
- ASSET TAGGING
- MAINTENANCE PROCEDURES
HEATHROW T1, T2 & T4 BAGGAGE

- EIR
- BEP
- REALITY CAPTURE
- DESIGN INTEGRATION
- CLIENT REQUIREMENT VERIFICATION
- ASSET TAGGING
22 BISHOPSGATE
CONTACT US

KRZYSZTOF BIELAZIK  
CHIEF STRUCTURAL

KRZYSZTOF.BIELAZIK@WSPGROUP.COM

+48 22 270 77 06