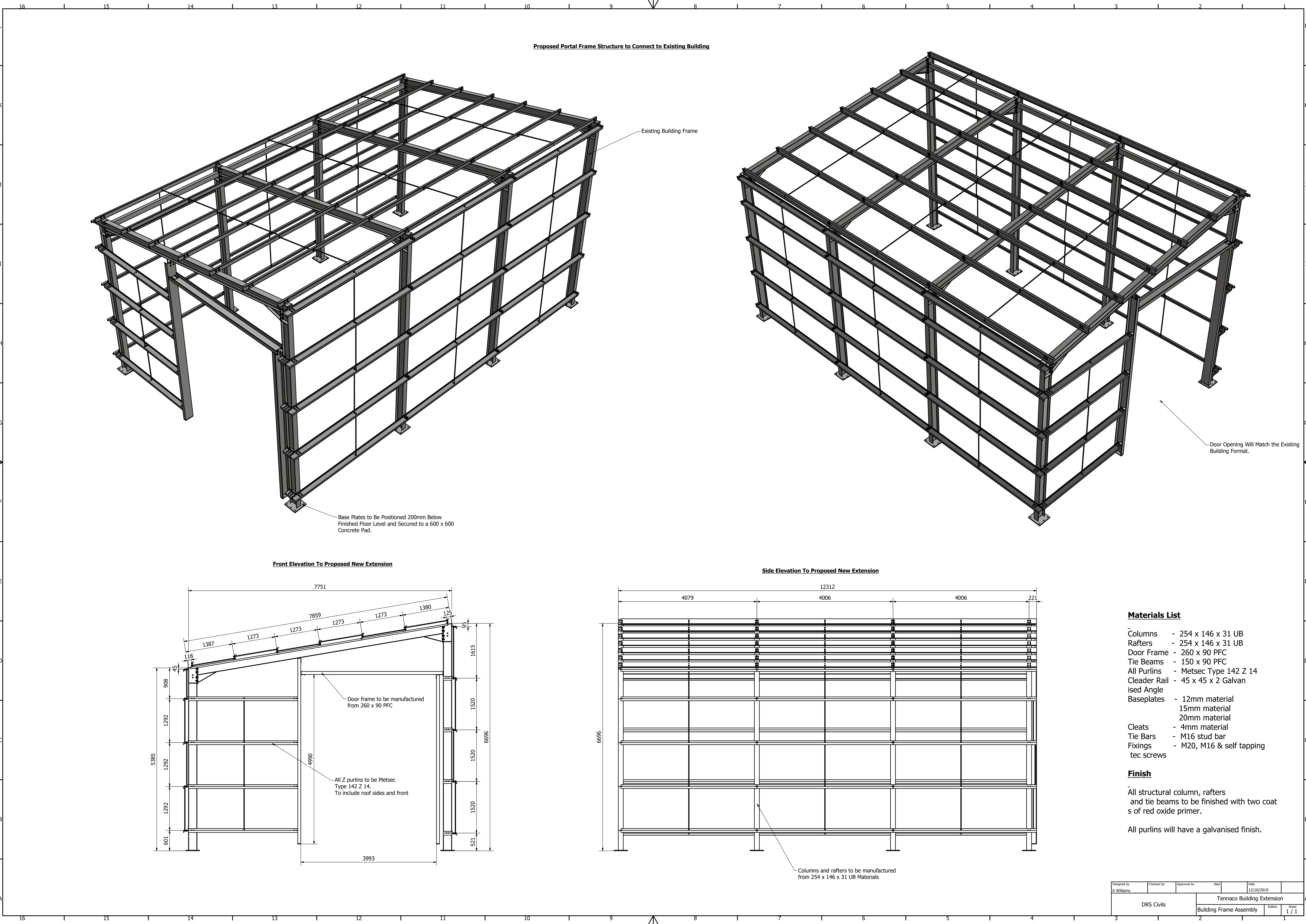




Proposed Portal Frame Structure to Connect to Existing Building

Existing Building Frame

Base Plates to Be Positioned 200mm Below Finished Floor Level and Secured to a 600 x 600 Concrete Pad.

Door Opening Will Match the Existing Building Format.

Front Elevation To Proposed New Extension

Side Elevation To Proposed New Extension

Materials List

- Columns - 254 x 146 x 31 UB
- Rafters - 254 x 146 x 31 UB
- Door Frame - 260 x 90 PFC
- Tie Beams - 150 x 90 PFC
- All Purlins - Metsec Type 142 Z 14
- Cleader Rail - 45 x 45 x 2 Galvan
- ised Angle
- Baseplates - 12mm material
15mm material
20mm material
- Cleats - 4mm material
- Tie Bars - M16 stud bar
- Fixings - M20, M16 & self tapping
tec screws

Finish

All structural column, rafters and tie beams to be finished with two coat s of red oxide primer.

All purlins will have a galvanised finish.