



THE CHURCH
OF ENGLAND



Church-based Telecoms Installations

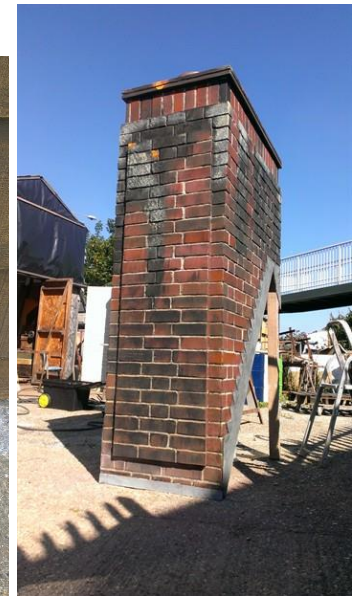
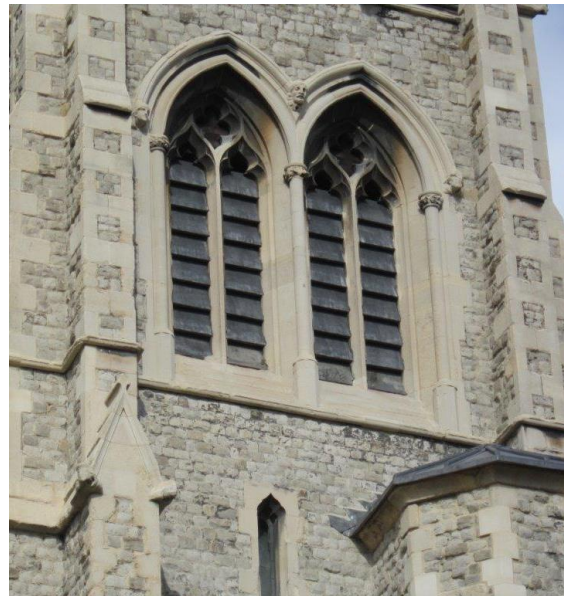
- To date, NET have secured faculty approval for church-based telecoms installations on over 100 C of E churches in over 25 different dioceses.
- NET never propose to permanently remove or destroy any historic fabric, anything removed to facilitate the installation will be numbered, logged and stored on site for future reinstatement.
- A reinstatement plan will be created to ensure the area can be fully reinstated following the removal of the equipment at the end of the licence term.
- The church insurance company has been alerted to the proposal and confirmed there is no additional risk which would impact the existing policy.



GRP Replica Louvres

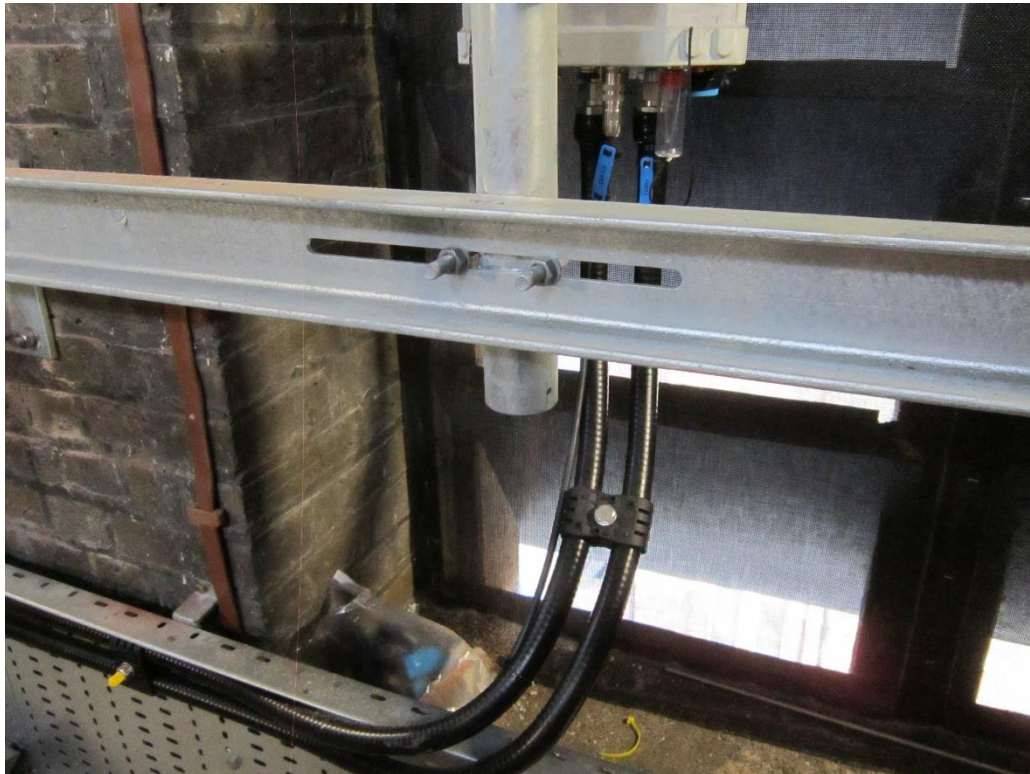


- NET never propose to permanently remove or destroy any historic church fabric, anything removed to facilitate the installation will be numbered, logged and stored on site for future reinstatement.
- A reinstatement plan will be created to ensure the area can be fully restored following the removal of the equipment at the end of the licence term.
- Any louvre material can be replicated using GRP, including wood, stone, slate and brick. Even clear window panes can be replicated using GRP.
- NET use only the highest-quality GRP. It is satin finished to protect against UV degradation, the pigmentation for the gel-coat resin makes it resistant to high salt-content winds and spray in coastal locations (as well as the usual prevailing weather conditions), it does not corrode, and is antistatic according to EN 50014.
- GRP louvres are created by carefully removing an existing louvre and recording its dimensions using scanning technology; from this a mould is created which will exactly replicate the size, shape and texture of the existing louvres. Each GRP-replica louvre is then hand-painted to match the colour and weathering.



Steelwork & Fixings

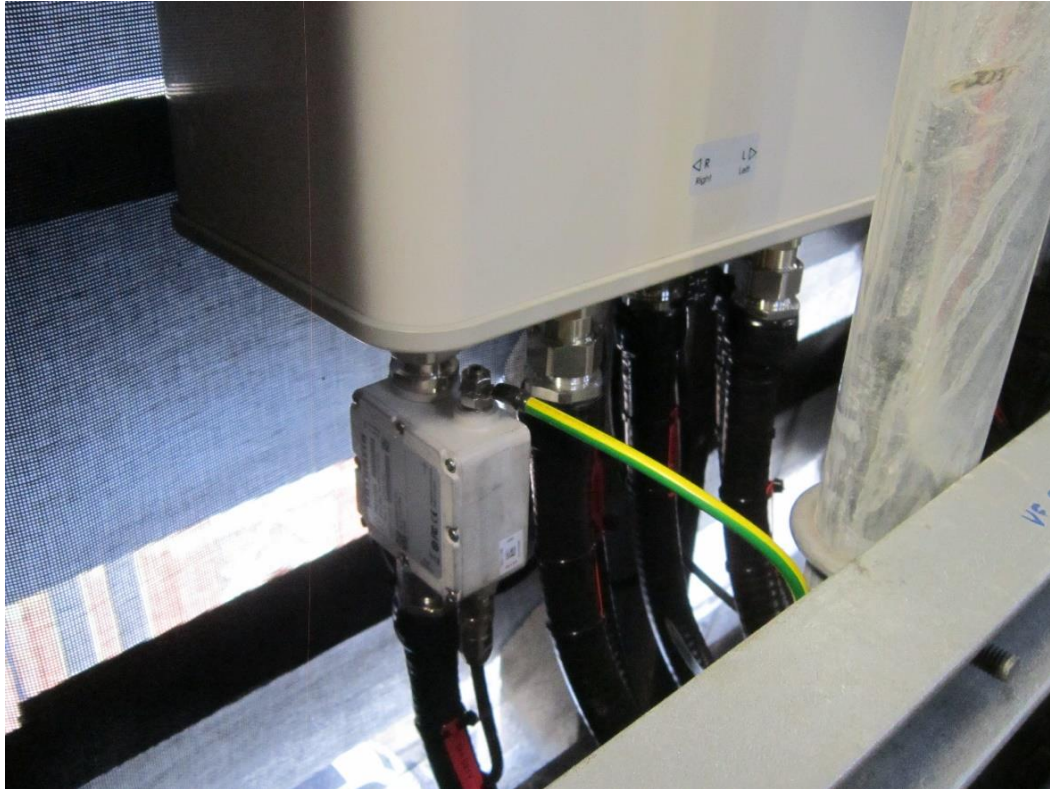
- All steelwork, large bolts and nuts are hot-dipped galvanised to BS EN ISO 1461. All hot-dipped nuts and bolts will be free turning without removing galvanizing.
- Steelwork is designed to ensure value engineering: no steelwork will be oversized or disproportionate to its use, and will be sympathetic to its surroundings.
- Fixings will be made using stainless steel or non-ferrous screws in fibre plugs.
- All fixings made into the fabric of the church will be stainless steel and made into mortar joints where practicable.



Electrical Compliance



- All electrical work will be carried out by qualified electricians to BS7671 standard (or higher) and NICEIC registered.
- A 17th Edition certificate is produced upon completion of the installation.
- The equipment cabinets, steelwork, cable tray, access ladders etc. will be bonded to the church's existing lightning protection system.



- In addition to the telecommunications equipment, NET often propose to significantly improve the church's existing access infrastructure.
- Following the removal of the telecommunications equipment the church are permitted, if desired, to keep the upgraded access equipment.
- In addition to safety ladders, in some situations new hatches, steel-grid floors and handrails are proposed to site the telecommunications equipment. This also grants access to previously-unreachable areas of the church tower, making the maintenance and upkeep of the church fabric easier for the PCC.



Summary



- The proposal will enable the church to generate much needed income from the rental to continue its mission to meet both the spiritual and community needs of its parishioners, to assist in the care of the building and to ensure its continuing existence.
- New antenna sites are best located within existing structures where its visual impact will be less intrusive than an external setting nearby. Locating these sites within church towers also reduces the impact on the environment by diminishing the need to manufacture and construct new steel support towers.
- The installation of the antennas will not adversely affect the appearance of the tower. The antennae will be mounted so as not to impact significantly on the exterior appearance of the building. Any cable connections between the aerials and equipment will not cause damage to the fabric of the tower or church. In general, any changes made to the fabric will be minimal and completely reversible if removed.
- Care will be taken to ensure that there are no cables, cable trays or ancillary equipment within the paths of any clock weights, pendulums, strike levers and hand counterbalances.
- The installation will not impact the usage of the bells, except for specific circumstances during the installation itself. All ropes, guides, bell wheels, mufflers etc. will remain in use following the installation.
- The installation will be coordinated to fit entirely around the church's own schedule. The PCC will have full input to the schedule of works to ensure the installation occurs on days appropriate to the church's needs, not NET's.
- The installation will comply with NET's stringent Health & Safety Management, Environmental, and Working at Height Policies. The work is also covered by NET's Public, Professional and Contractor Indemnity cover, copies of each can be provided upon request.





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