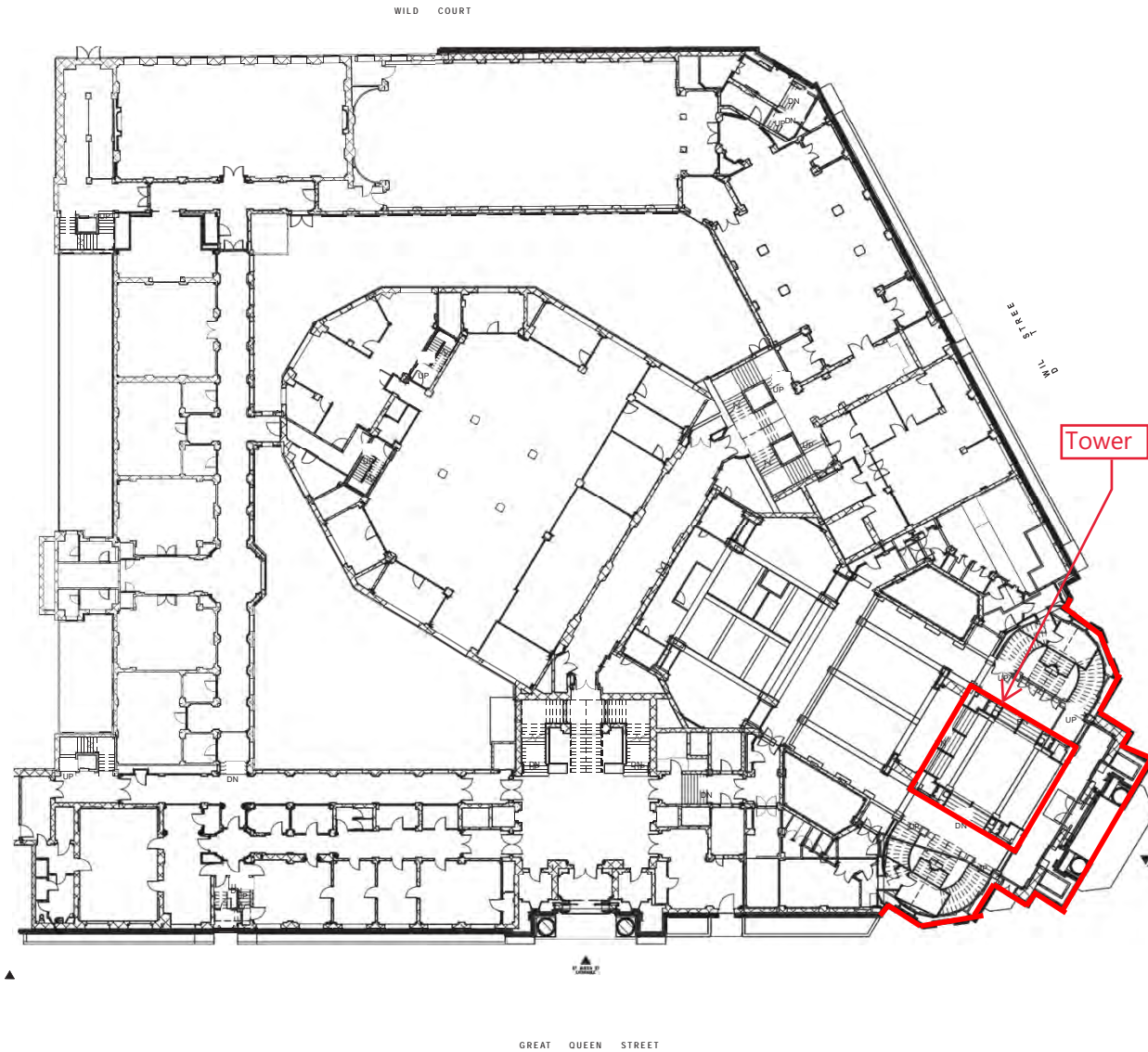


Appendix A
Site Plan



Do not scale from drawing, use figured dimensions only.



revisions	date	no.
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ABBOTT & ASSOCIATES
 Chartered Building Surveyors
 11 Cranmer Road Riverhead Sevenoaks Kent TN13 2AT
 Telephone: 01732 465455 Facsimile: 01732 460042
 E-mail: abbottassociates@btconnect.com

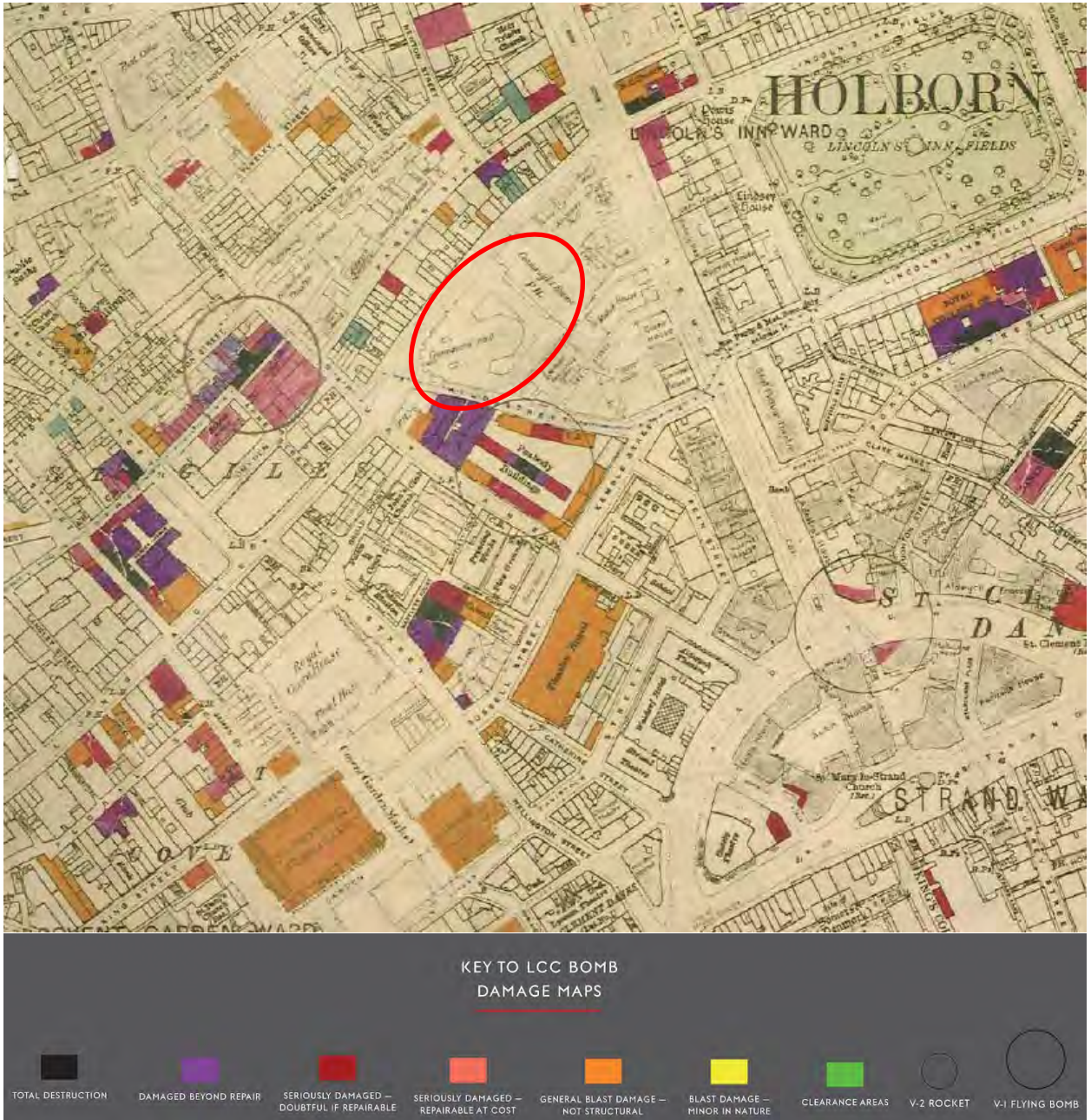
job title
 Freemasons Hall
 Great Queen Street
 London
 WC2

dwg title
 Ground floor plan as existing.

scales
 1:200

dwg no	date	drawn
01	May 2018	PA

Appendix B
WWII London Bomb Map Extract



Appendix C
Archive Drawings

Appendix D
Typical Repair Details



TYPICAL CHIMNEY STACK REPAIR USING HELI BARS



TYPICAL BRICK PARAPET CRACK REPAIR USING HELI BARS



TYPICAL BRICK PARAPET CRACK REPAIR USING HELI BARS



TYPICAL TOP OF BRICK PARAPET CRACK REPAIR USING VERTICAL HELI BARS

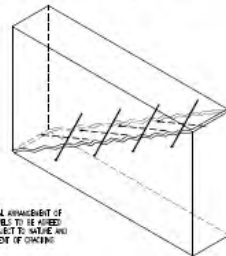


TYPICAL CORNICE REPAIR DETAIL USING HELI BARS AND STAINLESS STEEL TREADED RODS SET IN RESIN



TYPICAL CORNICE REPAIR DETAIL USING HELI BARS AND STAINLESS STEEL TREADED RODS SET IN RESIN

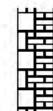
REPAIR OF CORNICE REPAIR DETAIL
 THE REASON FOR A CRACKLE OCCURRING THROUGH A CORNICE SHOULD BE DETERMINED BEFORE AN APPROPRIATE REPAIR TECHNIQUE IS SELECTED.
 STONES SHOULD BE FINISHED ACROSS THE CORNICE USING FINISHED TREAD CORNICE. THE QUANTITY AND LENGTH OF HELI BARS WILL BE REQUIRED TO SUIT THE PARTICULAR APPLICATION BUT TYPICALLY WILL BE FROM 4 TO 6 BARS LONG.
 CORNICE HELI BARS SHOULD BE FINISHED AT ANGLE ACROSS THE FACE AND TOP OF THE APPROPRIATE CORNICE FOR THE CORNICE AND TYPE OF REPAIR SELECTED. THE HELI BARS MUST BE THOROUGHLY CLEANED AND BE COVERED IN A PROTECTIVE RESIN. THE CORNICE SHOULD BE SET DOWN BELOW THE SURFACE.



FINAL ADJUSTMENT OF CORNICE TO BE FINISHED SUBJECT TO WATER AND DRYING OF CORNICE.

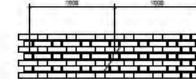
TYPICAL STRUCTURAL CRACK REPAIRS TO STONE

IDENTIFY DAMAGED STONE SHOULD BE CUT OUT IN A RECTANGULAR OR SQUARE SHAPED AREA IF APPROPRIATE. IN THE EVENT OF THE REPAIR NOT BEING REQUIRED INTERNALLY THE REPAIR CUT MUST BE A MINIMUM DEPTH OF 100MM AND A MINIMUM BENCH OF 100MM. THESE DIMENSIONS IF THEY ARE GREATER MUST BE AS PER REPAIR TO MAINTAIN A FULL THICKNESS BENCH.
 THE NEW JOINTS OF THE REPAIR SHOULD BE SET TO THE REPAIRER'S CHOICE WITH JOINT FINISHED TO THE LEVEL OF THE EXISTING JOINT.
 THE JOINTS TO BE REPAIRED WITH THE REPAIR SHOULD BE FINISHED TO THE EXISTING LEVEL. JOINTS SHOULD BE SET TO THE LEVEL OF THE EXISTING JOINTS AND FINISHED TO THE EXISTING LEVEL.
 THE REPLACEMENT JOINTS TO BE SET IN PLASTER LIKE MORTAR. ENSURING THAT ALL JOINTS BEHIND THE REPAIR ARE FINISHED WITH MORTAR.
 THE REPLACEMENT JOINTS SHOULD BE SET SO THAT THE EXTERNAL FACE ALIGNS EXACTLY WITH THE SURROUNDING EXISTING FACE OF THE BUILDING.
 FOR LARGE AREAS OF REPLACEMENT ALL STITCHED JOINTS ARE TO BE STITCHED.
 WHERE THERE IS ONLY PARTIAL DAMAGED TO A REPAIR JOINTS THE JOINTS SHOULD BE SET TO THE EXISTING LEVEL AS FAR AS POSSIBLE TO HELP THE JOINTS TO BE SET.

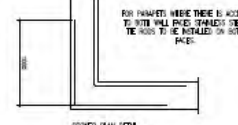


TYPICAL CROSS SECTION THROUGH AN EXTERNAL WALL

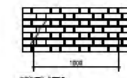
TYPICAL STONE INDENT REPAIRS



ELEVATION DETAIL



CORNER PLAN DETAIL



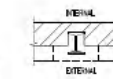
CORNER DETAIL

REPAIR OF REPAIR REPAIR REPAIR OR SIMILAR APPROVED TO SUIT WORKY THICKNESS.

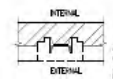
TYPICAL CRACK BRICKWORK REPAIRS.

REPAIRING
 RANDOM JOINTS AND LONG REPAIR JOINTS TO BE MADE AT EVERY JOINT BREAK TO BE REPAIRED TO SUIT THE SEVERITY OF ANY MOVEMENT OF THE GAUGED ARCH. JOINTS TO BE REPAIRED TO LEVEL WITH TO CHILING.
 IF ANY WINDOW LEVELS ARE FOUND THAT NEED REPAIRING WITH AN ARCH AND ARE NOT WHERE A GAUGED ARCH OCCURS THEY SHOULD BE REPAIRED AND REPAIRED TO THE EXISTING.

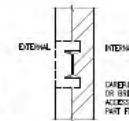
TYPICAL GAUGED ARCH BRICKWORK LINTEL DETAIL



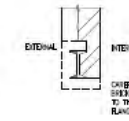
TYPICAL EXTERNAL COLUMN REPAIR DETAIL



TYPICAL EXTERNAL ROTATED COLUMN REPAIR DETAIL



TYPICAL EXTERNAL BEAM REPAIR DETAIL



TYPICAL EXTERNAL BEAM AT WINDOW/DOOR HEAD REPAIR DETAIL

clarkebond

Technical Masonry Repair Specification



REMOVAL OF BRICKWORK FOR ACCESS TO CLEAN AND TREAT CORRODING STEEL COLUMN



CRACKED STONE CAUSED BY CORROSION OF BURIED STEEL COLUMN BEHIND



CRACKED STONE CAUSED BY CORROSION OF BURIED STEEL COLUMN BEHIND



STEEL PARAPET BEAM AFTER CLEANING + PAINTING



REMOVAL OF STONE FOR ACCESS TO CLEAN AND TREAT CORRODING STEEL COLUMN



STEEL COLUMN CLEANED AFTER SHOT BLASTING PRIOR TO PAINTING



STEEL COLUMN CLEANED AFTER SHOT BLASTING PRIOR TO PAINTING



REMOVAL OF STONE PARAPET FOR ACCESS TO CLEAN AND TREAT CORRODING STEEL BEAM

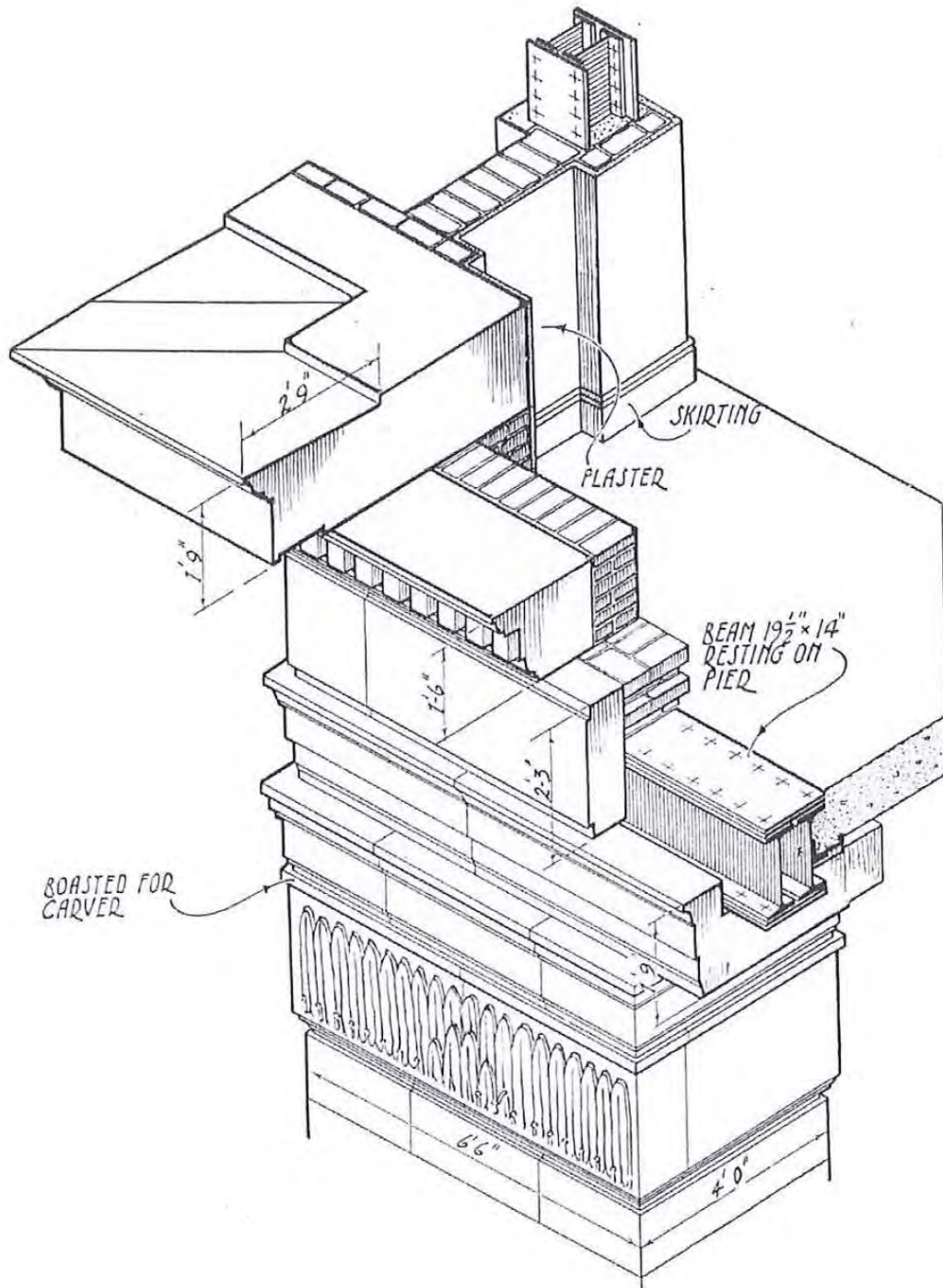


REMOVAL OF STONE PARAPET FOR ACCESS TO CLEAN AND TREAT CORRODING STEEL BEAM



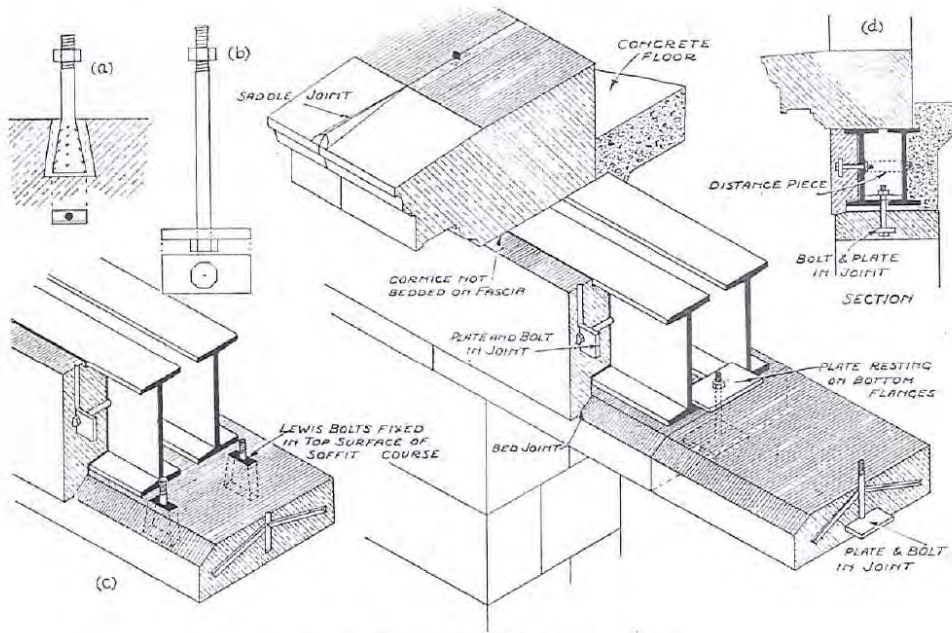
REMOVAL OF STONE PARAPET FOR ACCESS TO CLEAN AND TREAT CORRODING STEEL BEAM

Appendix E
Typical Historical Details

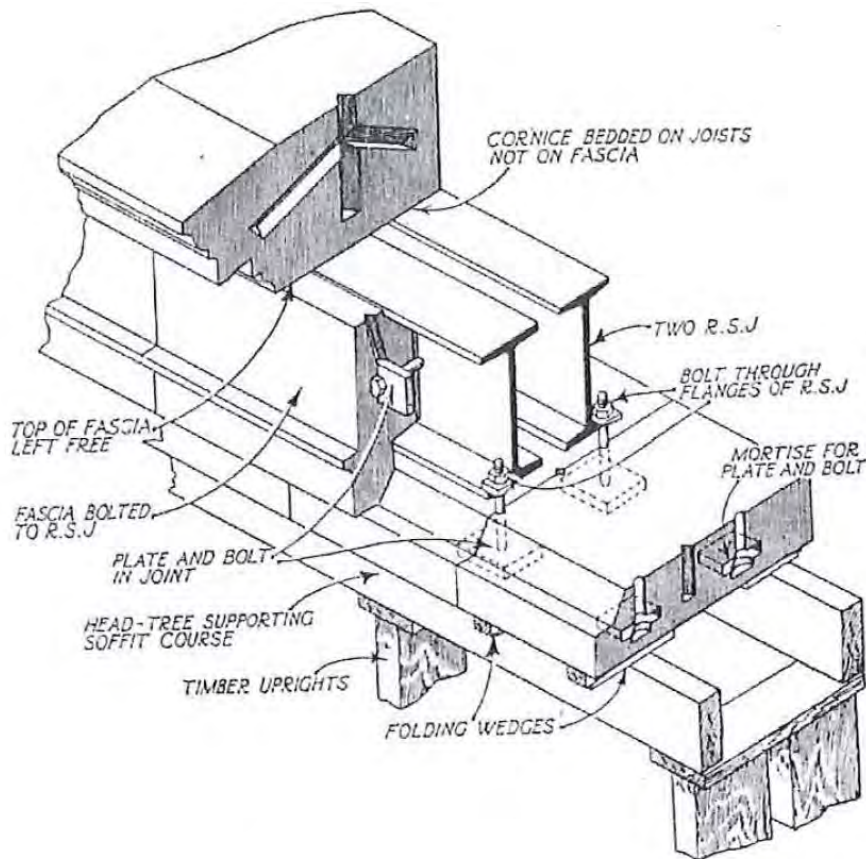


Sketch 1

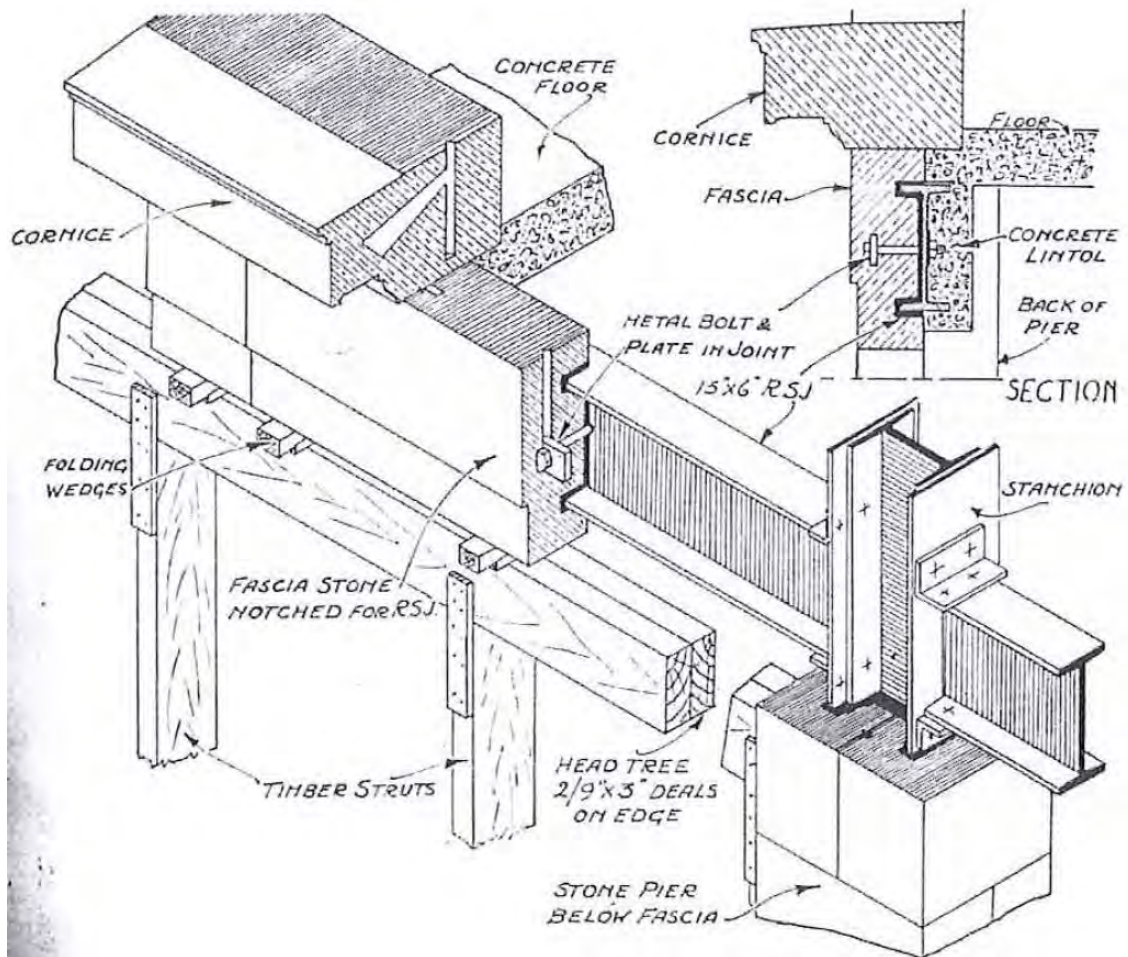
Typical construction of an entablature



Sketch 2
Typical methods of securing soffit courses

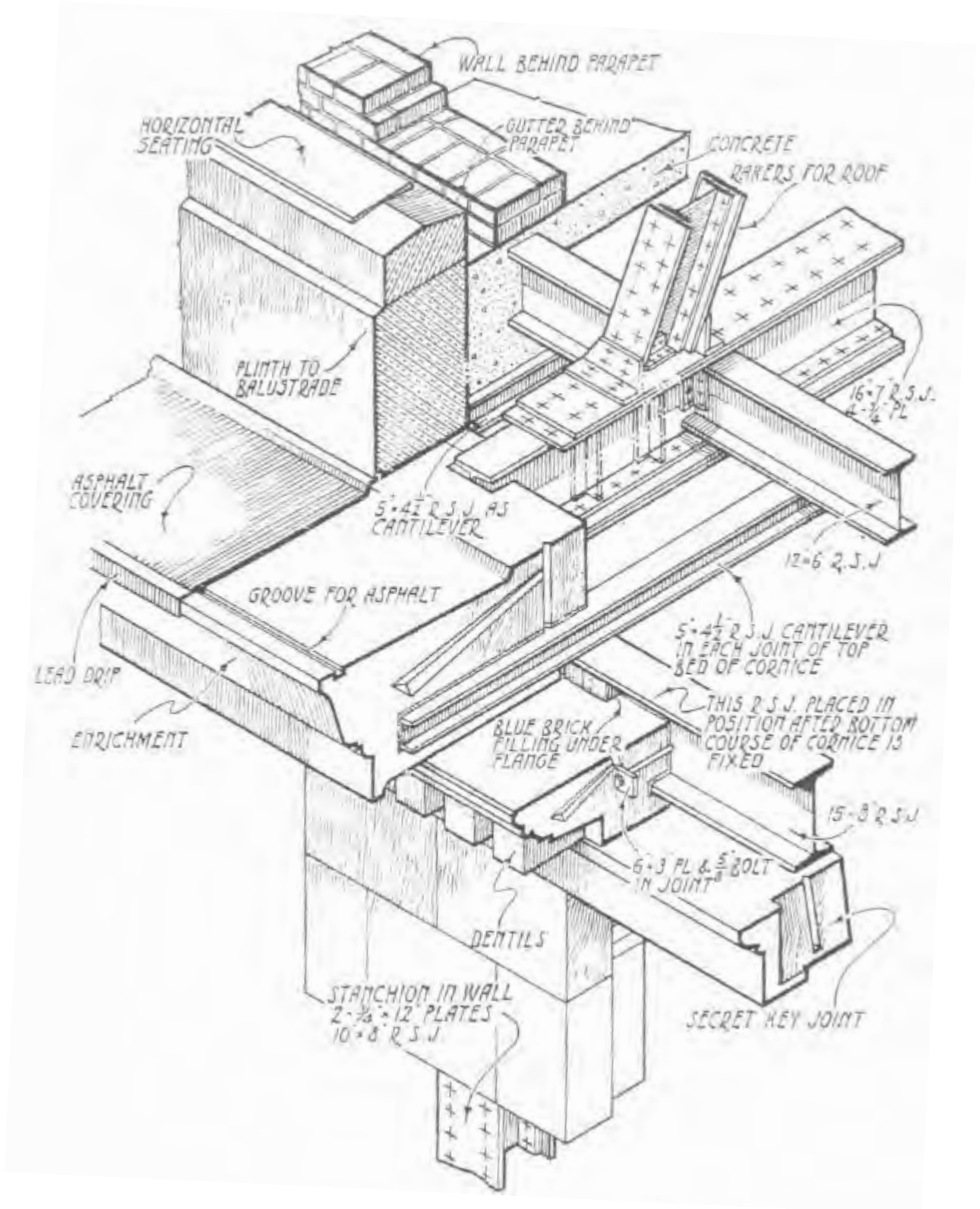


Sketch 3
Typical construction of a fascia



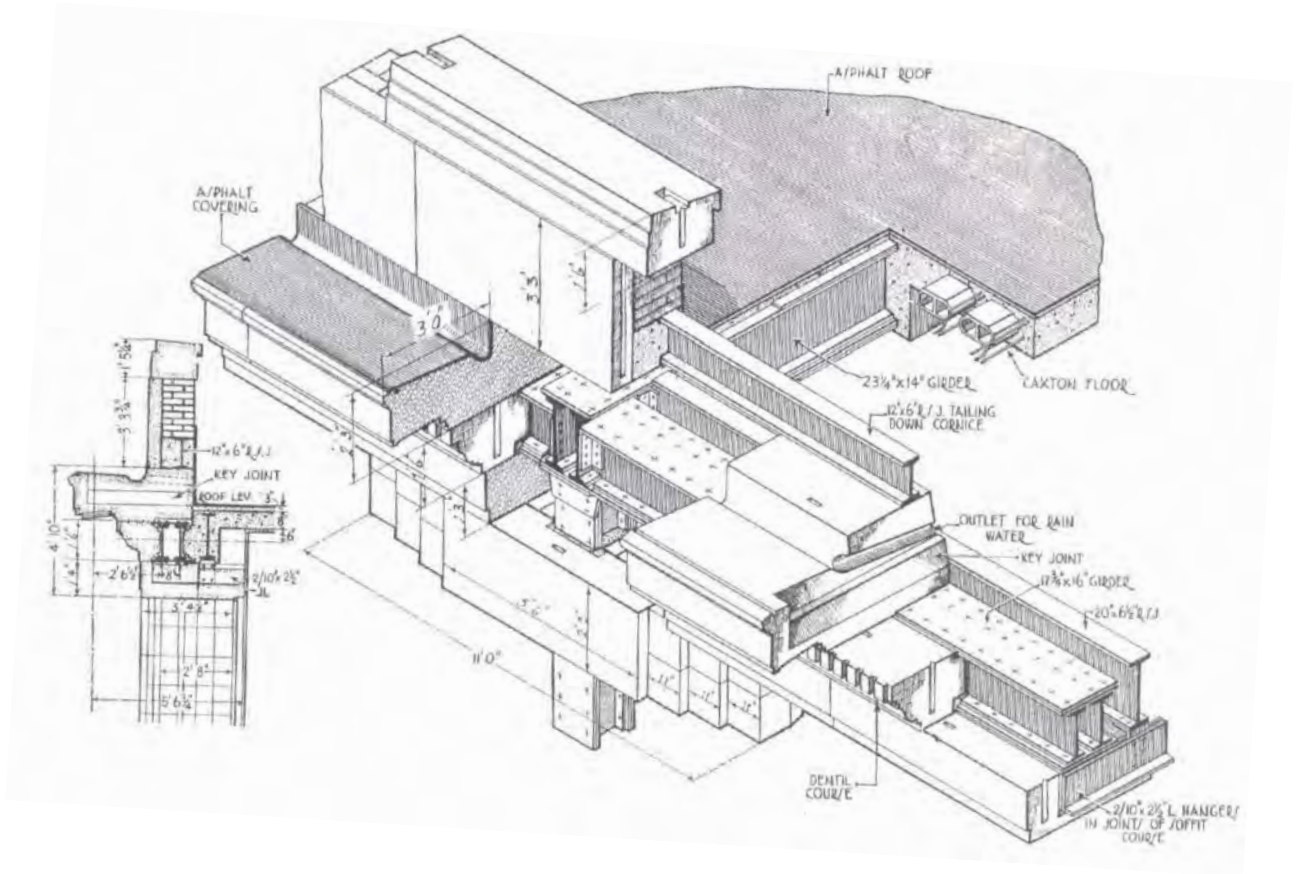
Sketch 4

A typical historical window head detail



Sketch 5

A typical construction of a main cornice



Sketch 6
A typical construction of a cornice