

MACFARLANE'S CASTINGS

WALTER MACFARLANE & Co.
SARACEN FOUNDRY, GLASGOW

Volume 2

T | Technical Reference Series

TECHNICAL CONSERVATION GROUP

HISTORIC SCOTLAND

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TECHNICAL REFERENCE SERIES

MACFARLANE'S CASTINGS

WALTER MACFARLANE & Co
SARACEN FOUNDRY,
GLASGOW

CATALOGUE
SIXTH EDITION
VOLUME 2

David S Mitchell

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CONSERVATION
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CASTINGS.
VOL. II.

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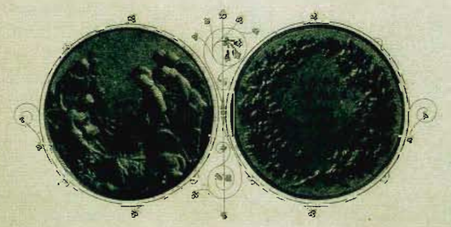
ILLUSTRATED CATALOGUE OF

MACFARLANE'S CASTINGS.

SIXTH EDITION.

VOLUME II.

AWARDED INTERNATIONAL PRIZE MEDAL.



Contractors by Special Appointment to her Majesty's War Department.

TRADE MARK

WALTER MACFARLANE & CO.,

ARCHITECTURAL, SANITARY, AND ENGINEERING ART FOUNDERS,

SARACEN FOUNDRY,

POSSILPARK, GLASGOW.

Entered at Stationers' Hall.

TRADE MARK ON WALTER MACFARLANE & CO GLASGOW SARACEN FOUNDRY EVERY CASTING.

PREFACE.

WE have much pleasure announcing that our Illustrated Catalogue is now completed by the issue of this the second volume.

The work as a whole occupies a unique position among trade catalogues. It is divided into twenty-three Sections, each dealing with a particular branch of our manufactures, and having an explanatory preface at the beginning. At the end of each Section we give "Examples" illustrating the application of our castings, which, however, can only be looked upon as vaguely suggestive of the innumerable purposes they are suitable for, and which our customers can themselves best supplement according to their own special requirements. We shall be glad to aid them in doing so on receiving detailed sizes and particulars relating to the purpose they have in view. A list of these "Examples," along with a general Index to the Catalogue, is given at the end of volume second.

We call special attention to an extensive branch of our trade illustrated in "Section XXIII.—Structures," embracing Business Premises, Shop Fronts, Arcades, and every conceivable outdoor structure for recreation, shelter, rest, shade, and ornament; Cast Iron being beyond all other materials adapted for such, occupying little space, giving the maximum light, strength, and durability, and expressing the most elegant picturesque forms and lacelike tracery, for which stone is too massive and wood too perishable.

In carrying forward this work to completion, we have been largely encouraged by the exceptional position our Castings have attained in the markets of the world, and it shall be our endeavour to still further merit the confidence that has been so liberally awarded us.

WALTER MACFARLANE & CO.

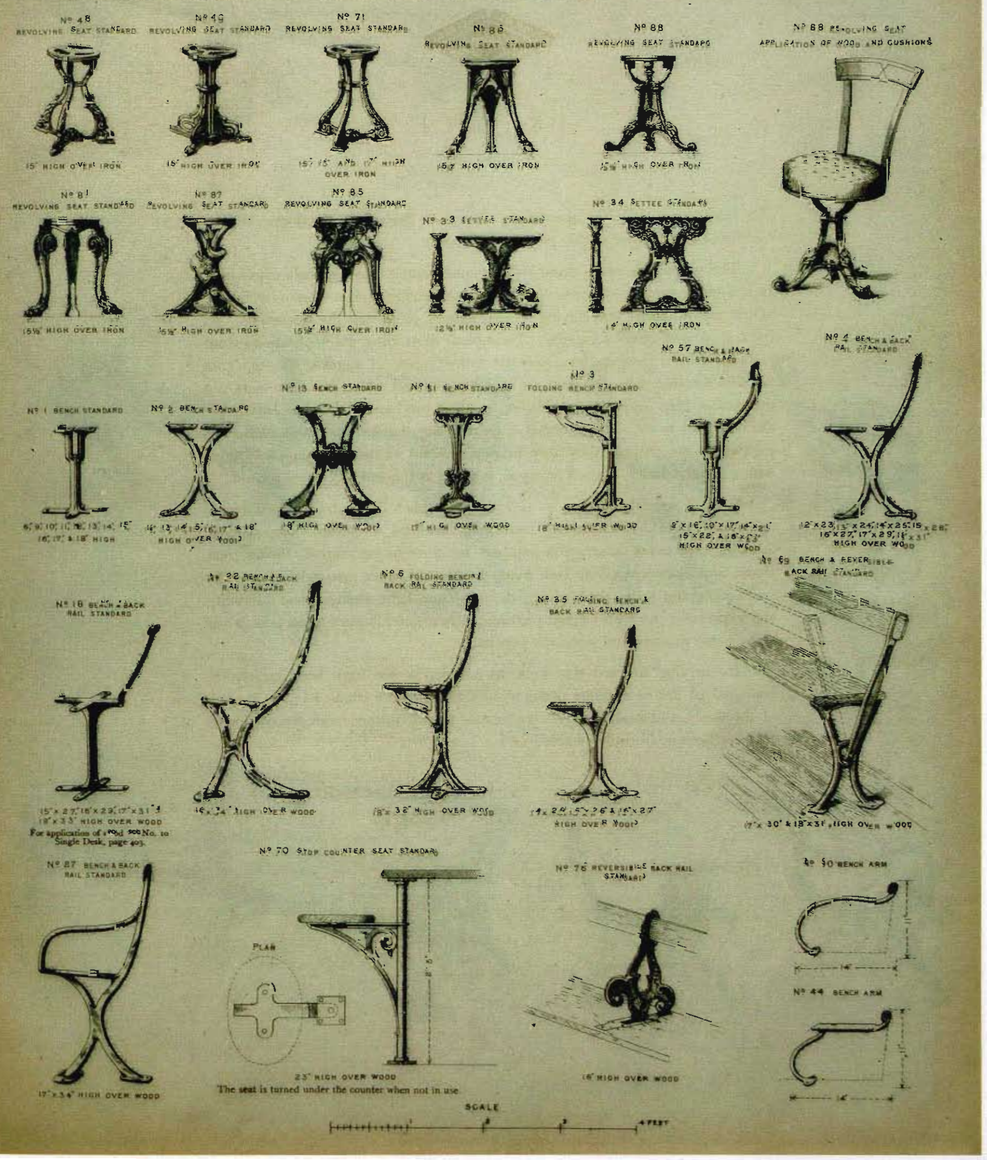
SECTION X.—SEATS, DESKS, TABLES, &c.

FOR SCHOOLS, CHURCHES, HALLS, THEATRES, REFRESHMENT ROOMS, GARDENS, SHIPS, &c.

One of the most encouraging features of the age, is the frequent assemblage of large numbers of people for intellectual, social, recreative and educational improvement. It has therefore become a matter of importance to provide seat accommodation suitable for such occasions, combining durability, neatness and economy. In these respects no material equals cast iron for Seat, Desk and Table Standards, and the following designs have been prepared with a view to meet all the varied requirements of public use.

Please insert in Specification "**To be Macfarlane's Castings, from Saracen Foundry, Glasgow,**" to prevent an inferior article being supplied.

Revolving Seat, Settee and Bench Standards,	page 401	Drawing Desk and Bench Standards,	page 405
Shop Counter Seat Standard,	„ 401	Office Desk, Division Bracket, &c.,	„ 406
Bench Arms,	„ 401	Office Umbrella Stands,	„ 406
Park and Garden Benches,	„ 401—402	Ink Wells,	„ 406
Chair Range Standards,	„ 403	Counter Guard,	„ 406
School Desk and Bench Standards,	„ 403—405	Table Standards,	„ 407



MACFARLANE'S CASTINGS — PARK AND GARDEN SEATS

Nº 11 BENCH & BACK RAIL STANDARD

18"x34" HIGH OVER WOOD

Nº 12 BENCH & BACK RAIL STANDARD

18"x34" HIGH OVER WOOD

Nº 11 GARDEN BENCH

2' 10½"

Nº 42 BENCH & BACK RAIL STANDARD

18"x34" HIGH OVER WOOD

Nº 43 BENCH & BACK RAIL STANDARD

18"x34" HIGH OVER WOOD

Nº 42 GARDEN BENCH

2' 10½"

Nº 40 BENCH STANDARD

16"x31" HIGH OVER WOOD

Nº 39 BENCH STANDARD

16"x31" HIGH OVER WOOD

Nº 40 GARDEN BENCH

2' 7"

SCALE

1 2 3 4 FEET

MACFARLANE'S CASTINGS — SEATS &c.

Nº 82 CHAIR RANGE STANDARD
For any number of persons.

14"x34" HIGH OVER IRON

Nº 82 CHAIR
APPLICATION OF CUSHIONS

Nº 82 CHAIR RANGE
APPLICATION OF CUSHIONS

Reserved Seats in public assemblies of whatever kind, being entitled to superior accommodation, we have designed the Chair Range to combine an open, airy comfort, with cleanliness, convenience and portability. The folding seat gives freedom of passage with economy of space, and may be removed when necessary for cleaning or other purpose; and the chairs for one, two, and three persons can be lifted complete for rearranging passages, &c., without separating any of the parts.

MACFARLANE'S SCHOOL DESKS AND BENCHES

Nº 1 DESK STANDARD

20", 21½", 23", 24½", 26", 27½" & 29" HIGH OVER WOOD
For application of wood see No. 1 Desk and Bench, page 404.

Nº 2 DESK STANDARD

20", 21½", 23", 24½", 26", 27½" & 29" HIGH OVER WOOD
For application of wood see No. 3 Desk and Bench, page 404.

Nº 9 DESK STANDARD FOR BOOKSHELF

26", 27½" & 29" HIGH OVER WOOD
For application of wood see Nº 15 Desk and Bench, page 404.

Nº 58 DESK, BOOKSHELF & FOOT BOARD STANDARD

26", 27½" & 29" HIGH OVER WOOD

Nº 20 DESK STANDARD

38", 42", HIGH OVER WOOD

Nº 10 SINGLE DESK AND BOOKSHELF STANDARD WITH HOOKS

26", 27½" & 29" HIGH OVER WOOD

Nº 10 SINGLE DESK WITH Nº 18 BENCH & BACK RAIL APPLICATION OF WOOD

Nº 5 FOLDING DESK STANDARD

26", 27½" & 29" HIGH OVER WOOD
For application of wood see No. 17 Folding Desk and Bench, page 405.

Nº 14 FOLDING DESK STANDARD

26", 27½", 29" & 31" HIGH OVER WOOD
For application of wood see No. 17 Folding Desk and Bench, page 405.

SCALE

1 2 3 4 FEET

MACFARLANE'S CASTINGS — SCHOOL DESKS AND BENCHES

Nº 5 BENCH & BOOK BOARD APPLICATION OF WOOD

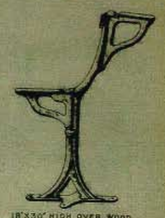


Nº 5 BENCH & BOOK BOARD STANDARD



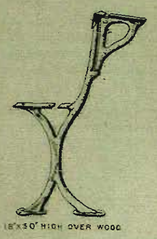
18"x30" HIGH OVER WOOD

Nº 8 FOLDING BENCH AND FOLDING BOOK BOARD STANDARD



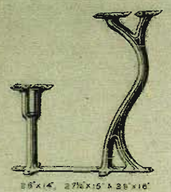
18"X30" HIGH OVER WOOD

Nº 7 BENCH & FOLDING BOOK BOARD STANDARD



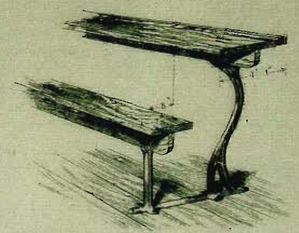
18"x30" HIGH OVER WOOD

Nº 3 DESK & BENCH STANDARD

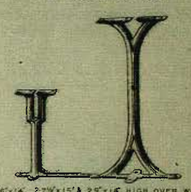


25"x14", 27½"x15" & 25"x16" HIGH OVER WOOD

Nº 3 DESK & BENCH WITH Nº 2 INK WELL APPLICATION OF WOOD



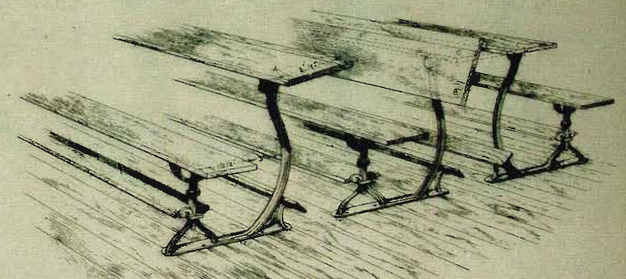
Nº 4 DESK & BENCH STANDARD



26"x14", 27½"x15" & 29"x16" HIGH OVER WOOD.

For application of wood see No. 3 Desk and Bench.

Nº 38 DESK, TABLE, BENCH & BACK RAIL WITH HAT & FOOT BOARDS. APPLICATION OF WOOD



Nº 38 STANDARD FOR DESK, TABLE, BENCH & BACK RAIL WITH HAT & FOOT BOARDS.



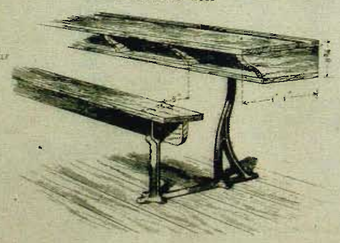
BACK VIEW OF TOP



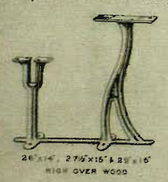
25"x14", 27½"x15" & 29"x16½" OVER WOOD

The part A B C being movable may be used for Desk as shown at A, for Back Rail as at B, or for Table as at C C, as occasion may require. *(Provision can also be made for bookboard to order.)*

Nº 15 DESK & BENCH WITH BOOKSHELF & Nº 2 INK WELL APPLICATION OF WOOD

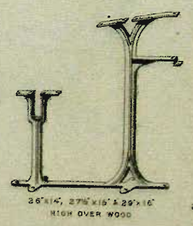


Nº 15 DESK & BENCH STANDARD FOR BOOKSHELF



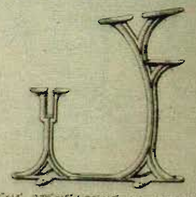
26"x14", 27½"x15" & 29"x16" HIGH OVER WOOD

Nº 56 DESK, BENCH AND BOOKSHELF STANDARD



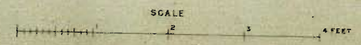
26"x14", 27½"x15" & 29"x16" HIGH OVER WOOD

Nº 60 DESK, BENCH & BOOKSHELF STANDARD



26"x14", 27½"x15" & 29"x16" HIGH OVER WOOD

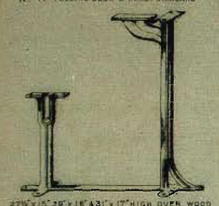
SCALE



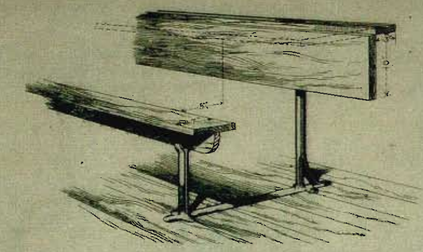
MACFARLANE'S CASTINGS — SCHOOL DESKS AND BENCHES

Nº 17 FOLDING DESK & BENCH WITH Nº 2 INK WELL

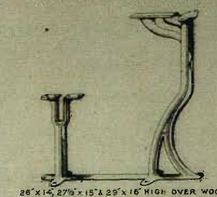
Nº 17 FOLDING DESK & BENCH STANDARD



27½"x15" 29"x16"&31"x17" HIGH OVER WOOD



Nº 16 FOLDING DESK & BENCH STANDARD



26"x14", 27½"x15"&29"x16" HIGH OVER WOOD

For application of wood see No. 17 Folding Desk and Bench.

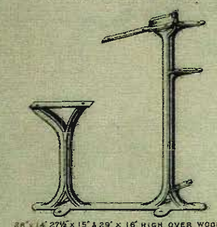
Nº 73 FOLDING DESK, BENCH, BOOKSHELF & FOOT BOARD END STANDARD



26"x14", 27½"x15"&29"x16" HIGH OVER WOOD

For application of wood see No. 45 below.

Nº 74 FOLDING DESK, BENCH, BOOKSHELF & FOOT BOARD INTERMEDIATE STANDARD



26"x14", 27½"x15"&29"x16" HIGH OVER WOOD

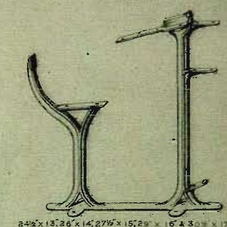
For application of wood see No. 45 below.

Nº 45 FOLDING DESK, BENCH, BACK RAIL, BOOKSHELF & FOOT BOARD END STANDARD



24½"x13", 26"x14", 27½"x15", 29"x16"&30½"x17" HIGH OVER WOOD

Nº 46 FOLDING DESK, BENCH, BACK RAIL, BOOKSHELF & FOOT BOARD INTERMEDIATE STANDARD

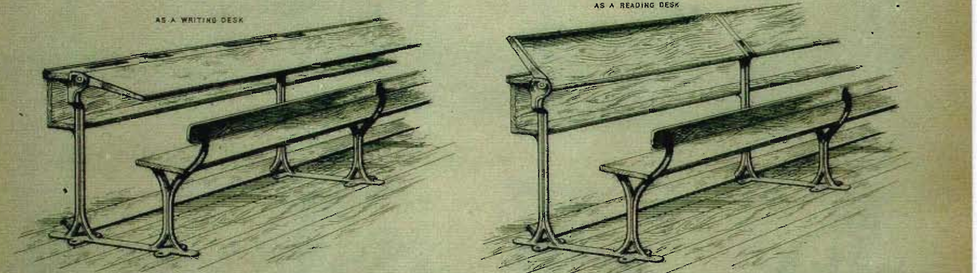


24½"x13", 26"x14", 27½"x15", 29"x16"&30½"x17" HIGH OVER WOOD

Nº 45 DESK AND BENCH, APPLICATION OF WOOD

AS A WRITING DESK

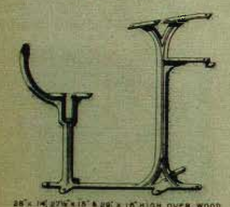
AS A READING DESK



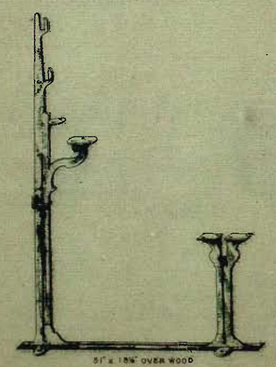
The above Desk combines the following important desiderata:—1st. A Solid Writing Desk with Bookshelf, Foot Board, and Back Rail specially designed to assist the scholar in maintaining a correct and healthful posture. 2nd. A Reading-Desk of suitable inclination and distance from the eye. 3rd. A clear space between Desk and Seat for drill exercise or sewing lessons. 4th. The Mechanism is simple, not liable to be put out of order, and free from exposed joints, such as are apt to cause injury by accidentally closing on the fingers.

Nº 23 DRAWING DESK & BENCH STANDARD

Nº 59 DESK, BENCH, BACK RAIL, BOOKSHELF & FOOT BOARD STANDARD

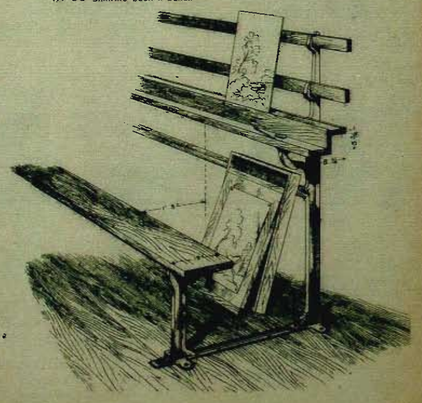


26"x14", 27½"x15" & 29"x16" HIGH OVER WOOD

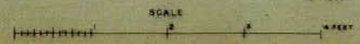


51"x18½" OVER WOOD

Nº 23 DRAWING DESK & BENCH



SCALE

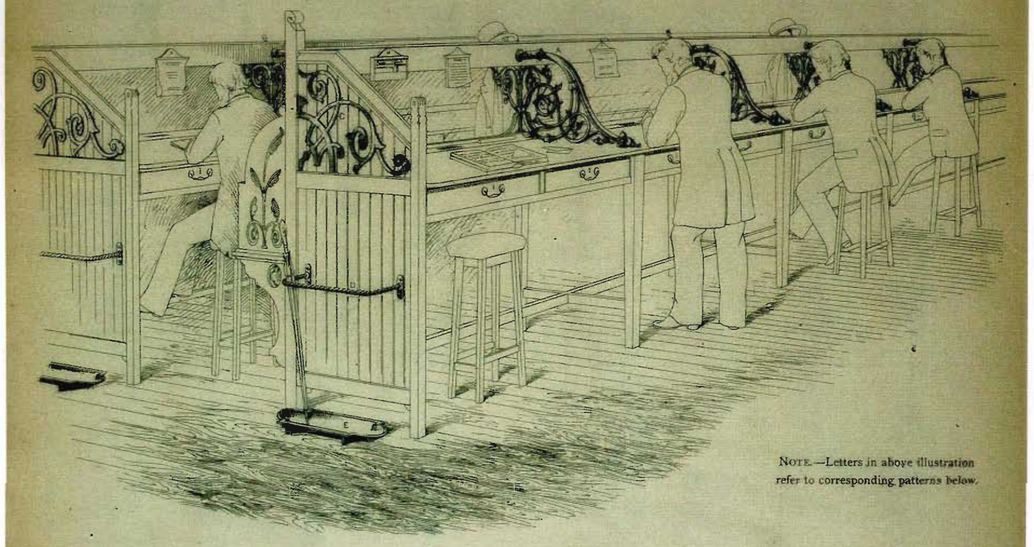


406

MACFARLANE'S CASTINGS — OFFICE DESKS &c.

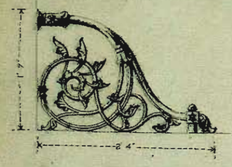
The following arrangement of Desks is particularly suitable for large offices. Although forming a continuous range, every Desk is complete in itself, the Divisional Brackets indicating the limit of each compartment, and the clerks facing the backs of those in the next range. At the back of each is a shelf for his books and papers not in immediate use and a hook for his coat and hat, the whole conducing to a quiet orderliness and easy supervision.

Nº 66 OFFICE DESK

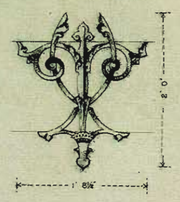


NOTE.—Letters in above illustration refer to corresponding patterns below.

A
Nº 47 DESK DIVISION BRACKET



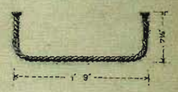
B
Nº 62 DESK RAIL STANDARD



C
Nº 63 DESK END ENRICHMENT



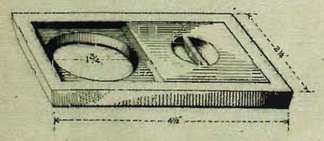
D
Nº 65 UMBRELLA RAIL



E
Nº 64 UMBRELLA BASIN



F
Nº 2 INK WELL COVER



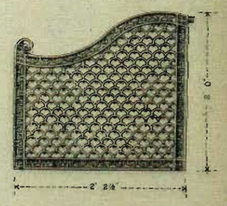
F
EARTHENWARE INK WELL



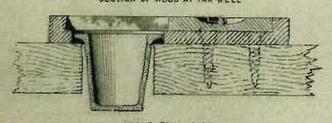
Nº 72 CHOIR DESK STANDARD



Nº 80 COUNTER GUARD

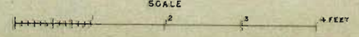


SECTION OF WOOD AT INK WELL



HALF FULL SIZE

SCALE



MACFARLANE'S CASTINGS — TABLES

407

For Dining Halls, Refreshment, Reading, and Recreation Rooms, Shops, Public Institutions, Gardens, &c.

Nº 53 TABLE STANDARD



31" HIGH OVER TABLE

Nº 52 TABLE STANDARD



31" HIGH OVER TABLE

Nº 83 TABLE STANDARD



25½" HIGH OVER TABLE

Nº 61 TABLE STANDARD



31" HIGH OVER TABLE

Nº 75 TABLE STANDARD



30" HIGH OVER TABLE

Nº 89 TABLE STANDARD



26" & 30" HIGH OVER TABLE

Nº 6 TABLE STANDARD



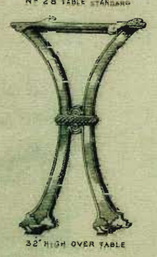
24", 26", 28", 30", 32" & 34" HIGH OVER TABLE

Nº 29 TABLE STANDARD



34", 26", 28", 30", 32" & 34" HIGH OVER TABLE

Nº 28 TABLE STANDARD



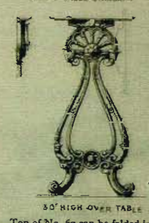
32" HIGH OVER TABLE

Nº 37 TABLE STANDARD



29½" HIGH OVER TABLE

Nº 67 TABLE STANDARD



30" HIGH OVER TABLE

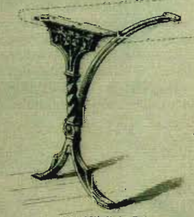
Top of No. 67 can be folded into position shown by dotted line, to economise space when not in use.

Nº 88 TABLE STANDARD



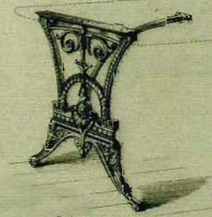
30" HIGH OVER TABLE

Nº 77 TABLE STANDARD



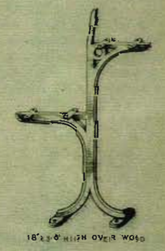
30" HIGH OVER TABLE

Nº 50 TABLE STANDARD



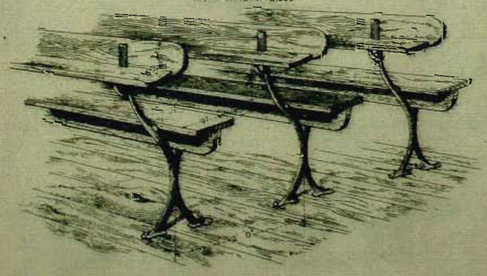
30" HIGH OVER TABLE

Nº 84 BENCH AND TABLE STANDARD

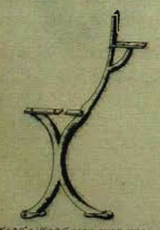


18" x 3'-0" HIGH OVER WOOD

Nº 19 BENCH AND TABLE APPLICATION OF WOOD

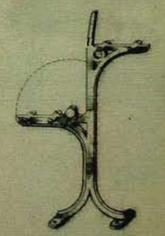


Nº 19 BENCH AND TABLE STANDARD



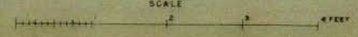
18" x 3'-0" x 18" x 31" HIGH OVER WOOD

Nº 24 FOLDING BENCH AND TABLE STANDARD



18" x 36" HIGH OVER WOOD

SCALE



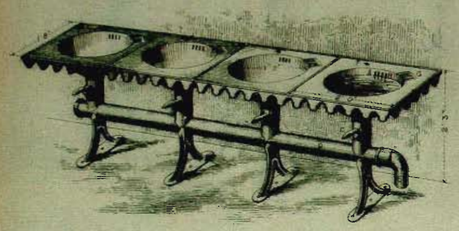
SECTION XI.—LAVATORY RANGES.

FOR SCHOOLS, HOSPITALS, AND PUBLIC INSTITUTIONS.

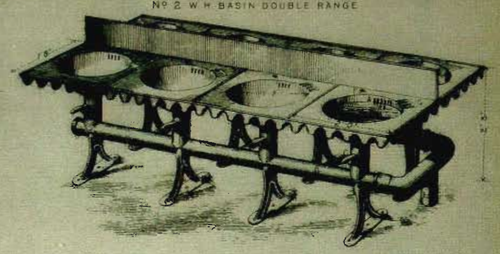
The clean and orderly habits now inculcated in all our Public Institutions, are largely dependent on the improved appliances available for the purpose, none being more effective towards this end than our Wash Hand and Wash Foot Ranges, which have stood the test of public approval for the last twenty-seven years, their simplicity of construction, strength, and nonliability to get out of order, rendering them peculiarly fitted for Public purposes.

Please insert in specification "**To be Macfarlane's Castings, from Saracen Foundry, Glasgow,**" to prevent an inferior article being supplied.

Nº 1 W.H. BASIN RANGE

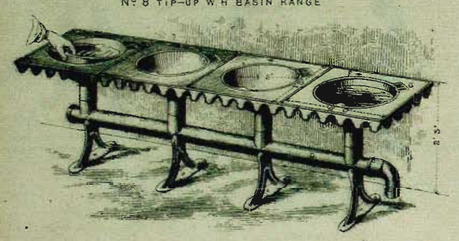


Nº 2 W.H. BASIN DOUBLE RANGE

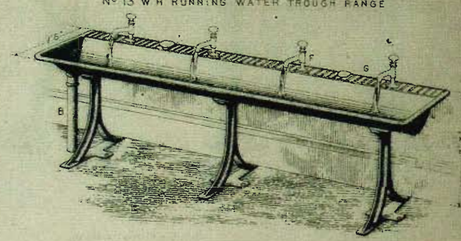


The basins have each an overflow B leading to the discharge pipe, and in the bottom of each a moveable stopper, acted on by the lever C, allows the water to pass through pipe D E to the sewer. An inch square hole F for fixing supply cock by jam nut, is on left hand of overflow, and a draining Soap Holder G is on right hand.

Nº 8 TIP-UP W.H BASIN RANGE



Nº 13 W.H RUNNING WATER TROUGH RANGE



In our Tip-Up Basins provision is made for cleaning the inner and outer Basins. There are no screws or small pieces to get lost, and no joints to rust or cause leakage. The Soap Holder and Preparation for Supply Cock are same as in Nos. 1 and 2. Can also be supplied in Double Ranges (as shown in illustration of No. 2 above), and are then called No. 9.

In our W. H. Running Water Range, the water does not accumulate, but flows continuously from the trough by discharge pipe B, so that the ablutions are performed in running jets of water, preventing all possibility of infection, and occupying no time beyond that required for washing. A draining Soap Holder G is at back of Trough, with an inch square hole F at intervals for fixing supply pipe. Can also be supplied in Double Ranges (as show in illustration of No. 2 above), and is then called No. 14.

Nº 5 W.H. BASIN STAND
ALSO Nº 10 TIP-UP BASIN STAND



Nº 6 W.H BASIN STAND
ALSO Nº 11 TIP-UP BASIN STAND



Nº 7 W.H BASIN STAND
ALSO Nº 12 TIP-UP BASIN STAND



Nos. 5, 6 and 7 W. H. Basin Stands are of same construction as Nos. 1 and 2 described above. Nos. 10, 11 and 12 Tip-Up Basin Stands are of same construction as No. 8 described above.

Nº 1 WASH FOOT BASIN RANGE



The Overflow, Discharge, Soap Holder and Preparation for Supply are the same as in No. 1 Wash Hand Basin Range.

SECTION XII.—BATHS, PUMPS, &c.

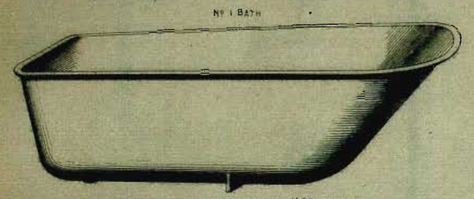
FOR DWELLINGS, PUBLIC INSTITUTIONS, PASSENGER VESSELS, &c.

The extraordinary development of water supply to almost every locality calls for a corresponding advance in the appliances in connection, which the following patterns are designed to meet. Owing to the smooth, clean and indestructible nature of our Baths, they require almost no expense for repairs.

Please insert in Specification "**To be Macfarlane's Castings, from Saracen Foundry, Glasgow,**" to prevent an inferior article being supplied.

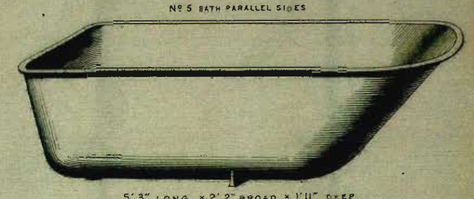
Baths and Kitchen Sinks, ... page 409
Pan and Ship W.C. Basins, ... „ 409
Sink Traps, ... „ 409
Pumps and Cisterns, ... page 410
Boilers and Furnace Fittings, ... „ 410
Plumber's Tools, ... „ 410

Nº 1 BATH



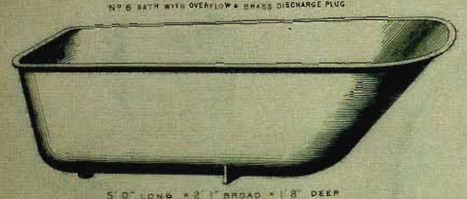
5' 0" LONG × 2' 1" BROAD × 1' 8" DEEP
5' 6" „ × 2' 2" „ × 1' 10" „
6' 0" „ × 2' 3" „ × 2' 0" „

Nº 5 BATH PARALLEL SIDES



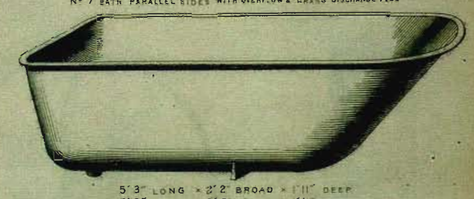
5' 3" LONG × 2' 2" BROAD × 1' 11" DEEP
5' 9" „ × 2' 2" „ × 1' 11" „

Nº 6 BATH WITH OVERFLOW & BRASS DISCHARGE PLUG



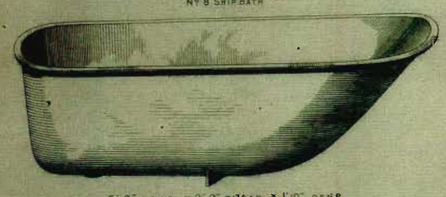
5' 0" LONG × 2' 1" BROAD × 1' 8" DEEP
5' 6" „ × 2' 2" „ × 1' 10" „
6' 0" „ × 2' 3" „ × 2' 0" „

Nº 7 BATH PARALLEL SIDES WITH OVERFLOW & BRASS DISCHARGE PLUG



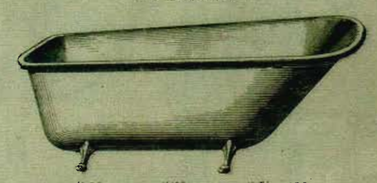
5' 3" LONG × 2' 2" BROAD × 1' 11" DEEP
5' 9" „ × 2' 2" „ × 1' 11" „

Nº 8 SHIP BATH



5' 6" LONG × 2' 2" BROAD × 1' 10" DEEP

Nº 9 CHILDREN'S BATH



4' 0" LONG × 1' 10" BROAD × 1' 3" DEEP

No. 8 Ship Bath has been designed to prevent as far as possible the splashing caused by the motion of the vessel. Any of our Baths can be prepared with holes for fixing hot and cold water supply fittings and overflow pipe *to order*.

Nº 1 KITCHEN SINK



15", 18", 21", 24", 27", 30", 33", and 36".
For extra sizes see Price List.

Nº 3 CORNER SINK



14" BROAD ON EACH SIDE BY 8" DEEP
18" „ „ „ „ 9" „
22" „ „ „ „ 9" „

PAN W.C. CASTINGS.



Nº 1 SQUARE SINK TRAP



4", 5", 6", 7", 8", 9", 10", 11" AND 12"

Nº 2 ROUND SINK TRAP



4", 5", 6", 7", 8", 9", 10", 11" AND 12"

Nº 3 O SINK TRAP



8" AND 12"

Nº 4 SQUARE SINK TRAP EXTRA HEAVY



8" AND 12"

Nº 1 SHIP W.C. BASIN



Nº 2 SHIP W.C. BASIN



Nº 5 HINGED SINK TRAP.

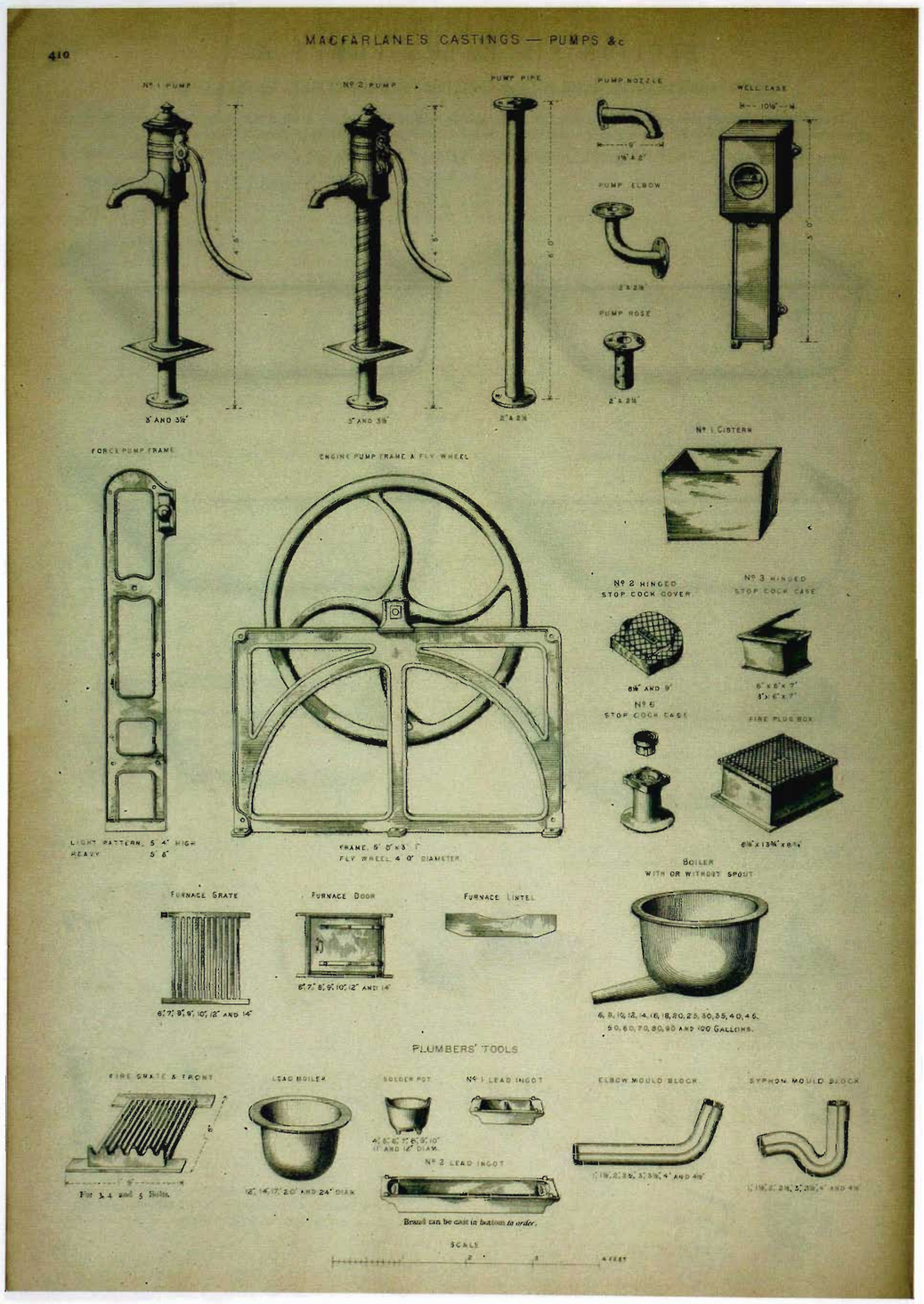


10"

No. 5 Hinged Sink Trap combines the advantages of both Bell and D Traps, giving direct access to the drain when necessary without danger of losing or breaking the Bell cover, the latter being hinged to the cistern and constructed on a new and strong principle, besides being sunk below the ground level and protected by the top grating.

410

MACFARLANE'S CASTINGS — PUMPS &c



SECTION XIII.—FOUNTAINS.

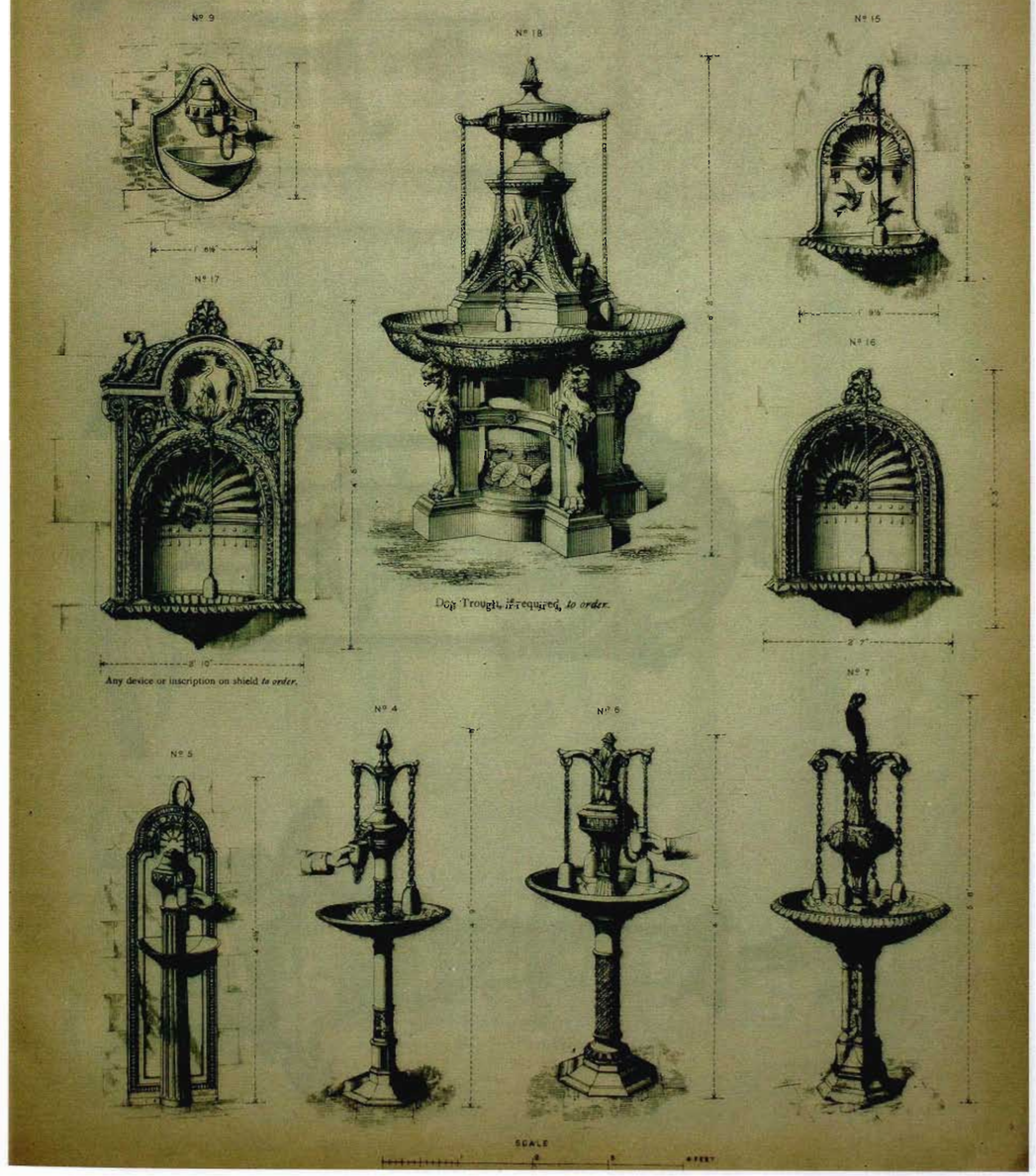
FOR STREETS, SQUARES, ROADS, PARKS, GARDENS, SCHOOLS, &c.

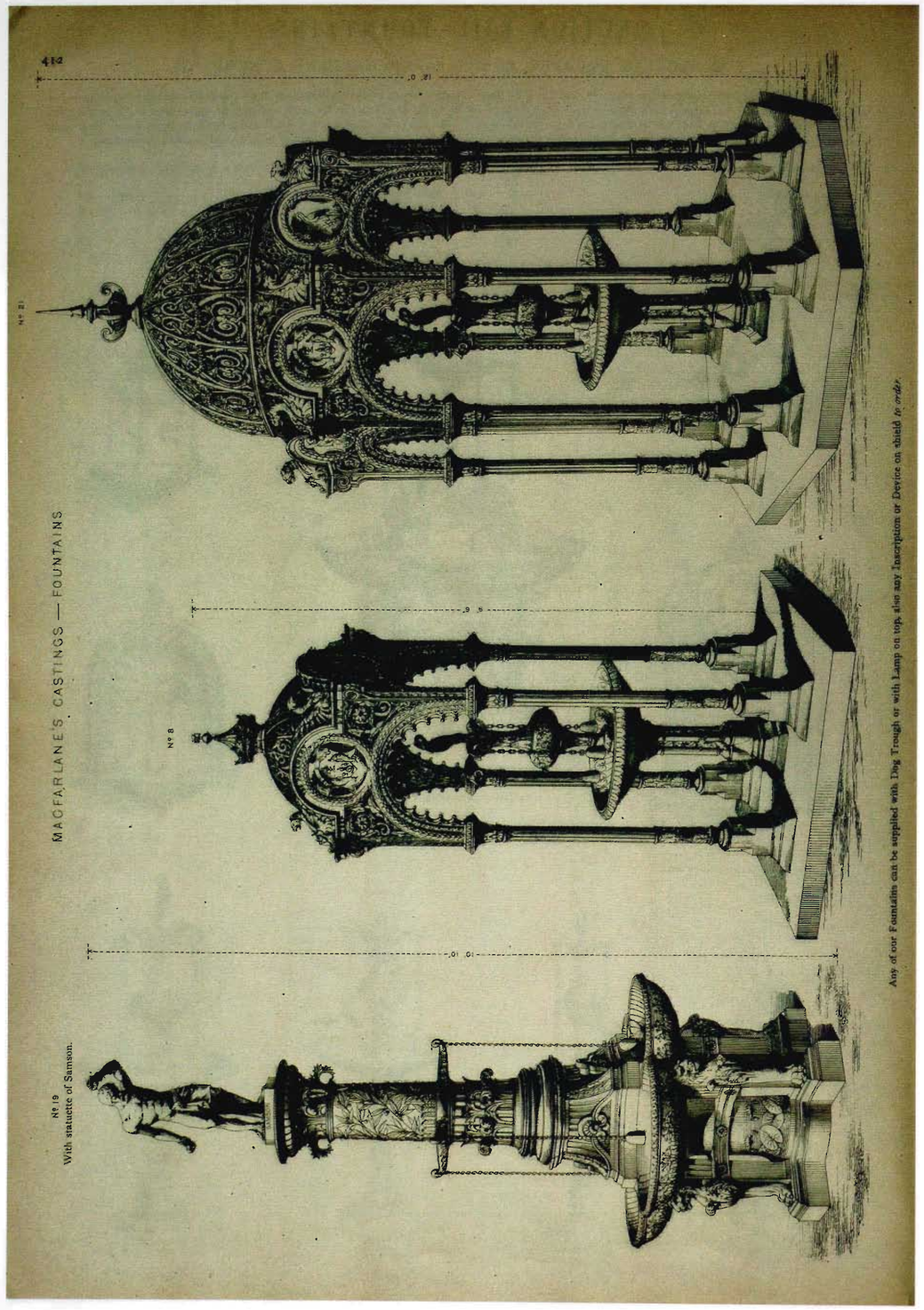
411

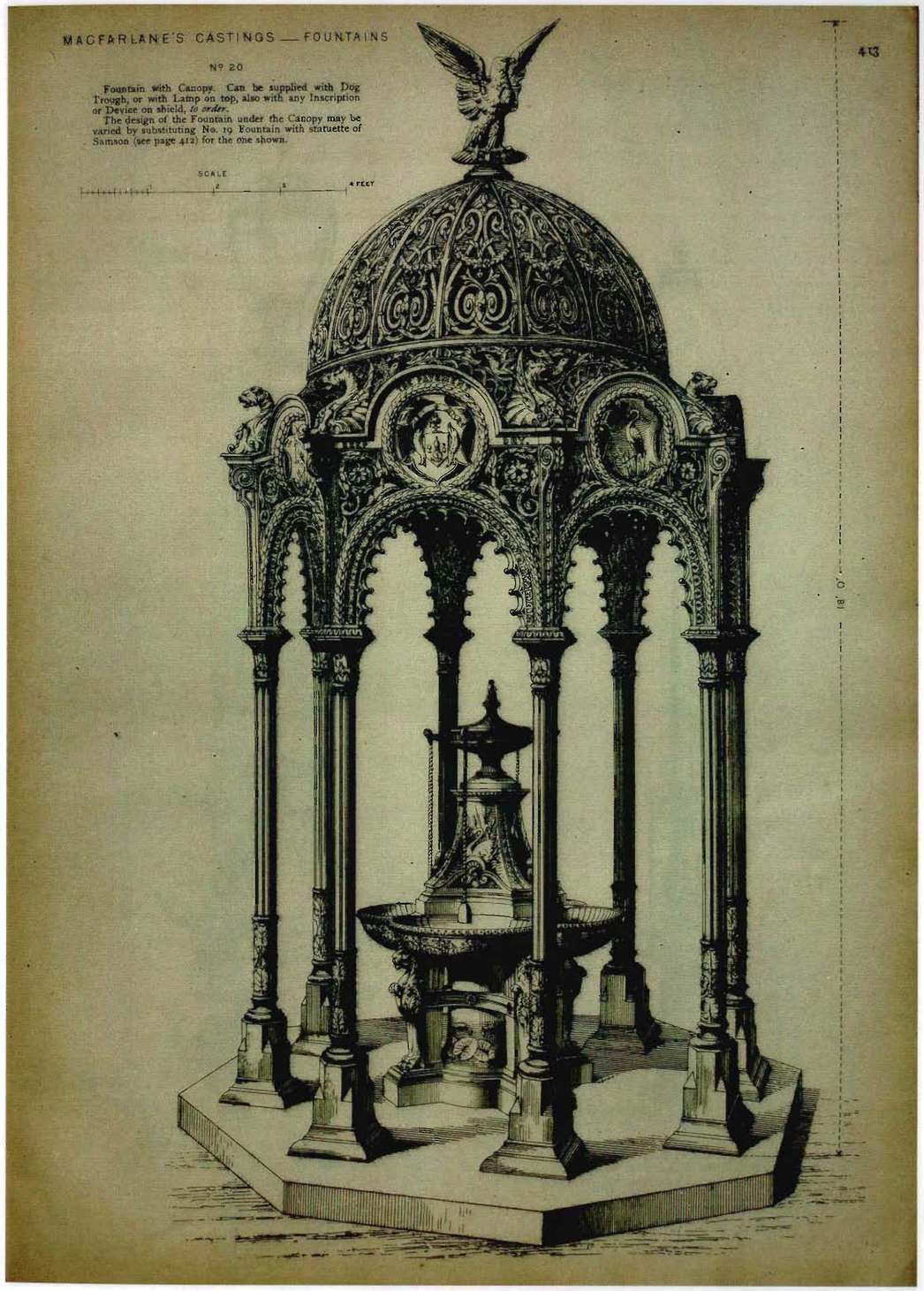
A supply of drinking water to the outdoor population, and also to the lower animals, is now an acknowledged necessity of the changed circumstances of the times and the growing intelligence of the community, encouraging habits of temperance and humanity, and promoting the moral and physical improvement of the people. The appliances in this Section will be found well adapted to this end. We call particular attention to the simple action of our Drinking Fountain Supply Valve. By pressing the lip of the drinking cup against the valve stud as shown in several of the illustrations, the water flows into it, the operation being thus performed by one hand only.

Please insert in Specification **"To be Macfarlane's Castings, from Saracen Foundry, Glasgow,"** to prevent an inferior article being supplied.

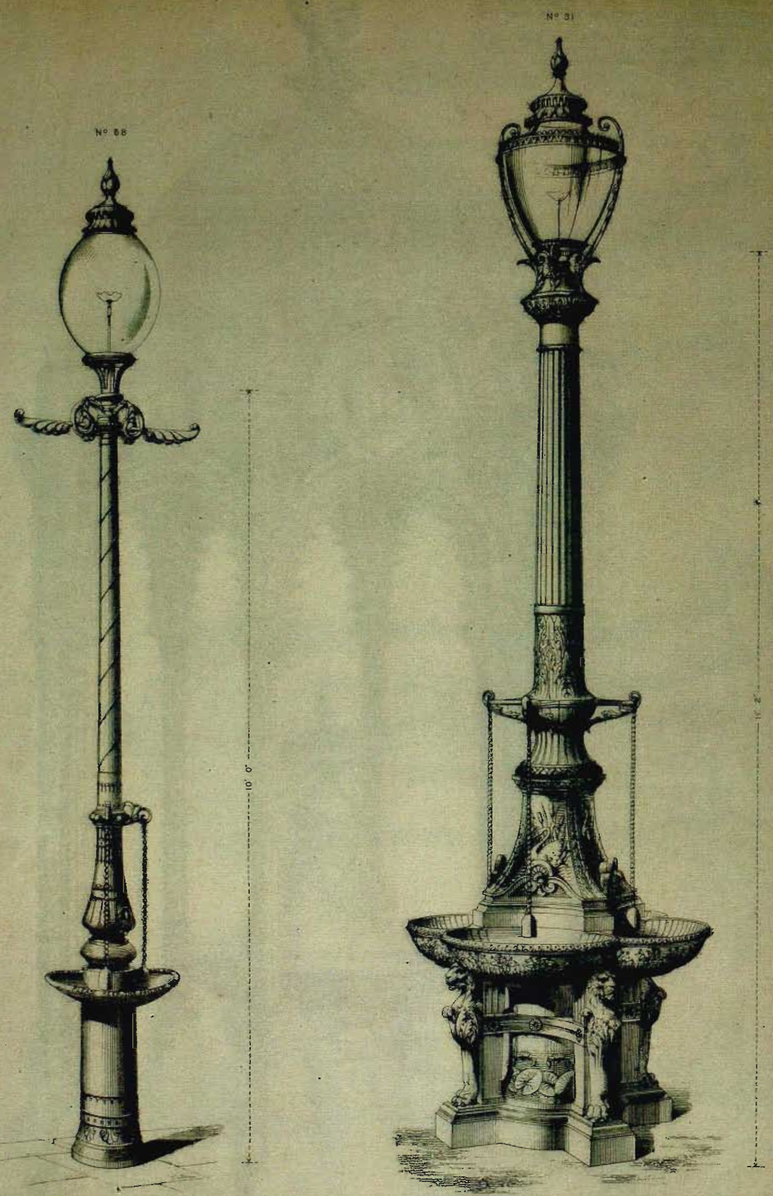
Wall Fountains,	pages	411	Water Troughs,	pages	416
Pillar Fountains,	"	411—412	Circular Water Troughs,	"	416
Fountains with Canopies,	"	412—413	Circular Water Troughs, with Fountains and Lamps,	"	417—419
Fountains with Lamps,	"	414 415	Example,	"	420




412
MACFARLANE'S CASTINGS — FOUNDRIES
Nº 21
Nº 8
Nº 19
With statuette of Samson.
Any of our Fountains can be supplied with Dog Trough or with Lamp on top, also any Inscription or Device on shield to order.


MACFARLANE'S CASTINGS — FOUNDRIES
413
Nº 20
Fountain with Canopy. Can be supplied with Dog Trough, or with Lamp on top, also with any Inscription or Device on shield, to order.
The design of the Fountain under the Canopy may be varied by substituting No. 19 Fountain with statuette of Samson (see page 412) for the one shown.
SCALE
4 FEET
18' 0"

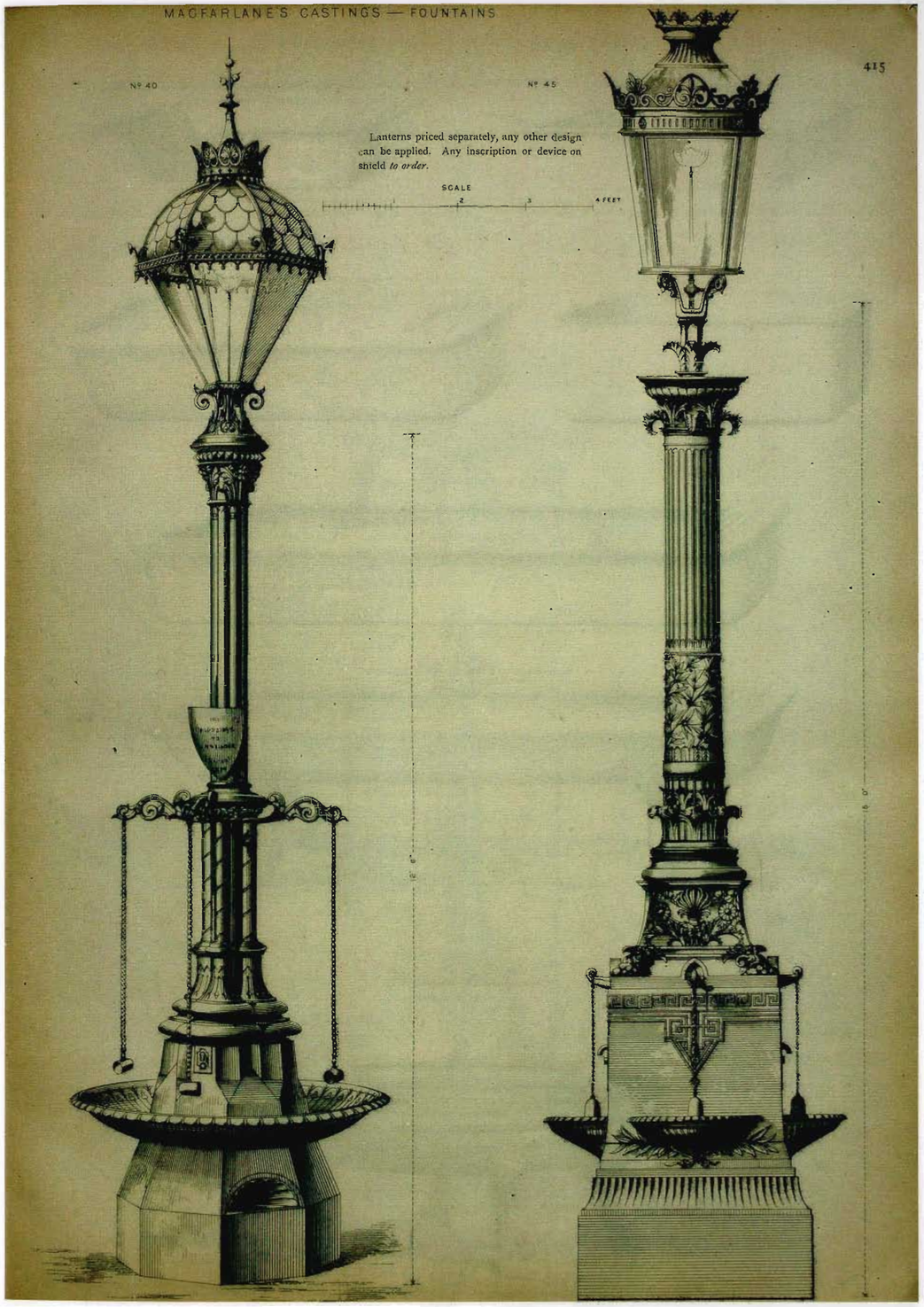
MACFARLANE'S CASTINGS — FOUNTAINS



No. 68 Fountain with Lamp for side of footpath, in place of a usual lamp pillar. It adds no obstruction to the traffic, and passengers can drink without stepping on the roadway.—Lantern priced separately. Any other design of lantern can be applied.

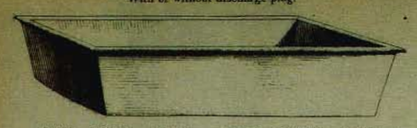
Lantern priced separately, any other design can be applied. Dog Trough, if required, *to order*.

MACFARLANE'S CASTINGS — FOUNTAINS



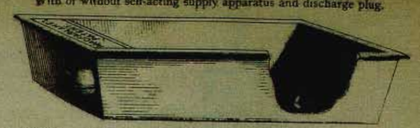
MACFARLANE'S CASTINGS — WATER TROUGHS

Nº 1
With or without discharge plug.



LENGTH	BREADTH	DEPTH	LENGTH	BREADTH	DEPTH
2 FT. ×	1 FT. 8 INS. ×	1 FT. 0 INS.	2 FT. ×	2 FT. 0 INS. ×	1 FT. 4 INS.
3 " ×	1 " 8 " ×	1 " 0 "	3 " ×	2 " 0 " ×	1 " 4 "
4 " ×	1 " 8 " ×	1 " 0 "	4 " ×	2 " 0 " ×	1 " 4 "
6 " ×	1 " 8 " ×	1 " 0 "	6 " ×	2 " 0 " ×	1 " 4 "
9 " ×	1 " 8 " ×	1 " 0 "	9 " ×	2 " 0 " ×	1 " 4 "
12 " ×	1 " 8 " ×	1 " 0 "	12 " ×	2 " 0 " ×	1 " 4 "

Nº 3
With or without self-acting supply apparatus and discharge plug.



LENGTH	BREADTH	DEPTH	LENGTH	BREADTH	DEPTH
2 FT. ×	1 FT. 8 INS. ×	1 FT. 0 INS.	2 FT. ×	2 FT. 0 INS. ×	1 FT. 4 INS.
3 " ×	1 " 8 " ×	1 " 0 "	3 " ×	2 " 0 " ×	1 " 4 "
4 " ×	1 " 8 " ×	1 " 0 "	4 " ×	2 " 0 " ×	1 " 4 "
6 " ×	1 " 8 " ×	1 " 0 "	6 " ×	2 " 0 " ×	1 " 4 "
9 " ×	1 " 8 " ×	1 " 0 "	9 " ×	2 " 0 " ×	1 " 4 "
12 " ×	1 " 8 " ×	1 " 0 "	12 " ×	2 " 0 " ×	1 " 4 "

Nº 23



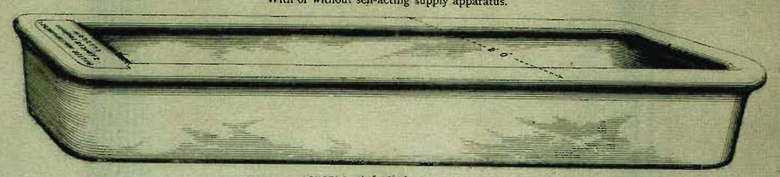
LENGTH	BREADTH	DEPTH
2 FT. ×	1 FT. 8 INS. ×	1 FT. 8 INS.
2 " ×	2 " 0 " ×	2 " 0 "
3 " ×	2 " 0 " ×	2 " 0 "
4 " ×	2 " 0 " ×	2 " 0 "
6 " ×	2 " 0 " ×	2 " 0 "

Nº 24
With or without self-acting supply apparatus.



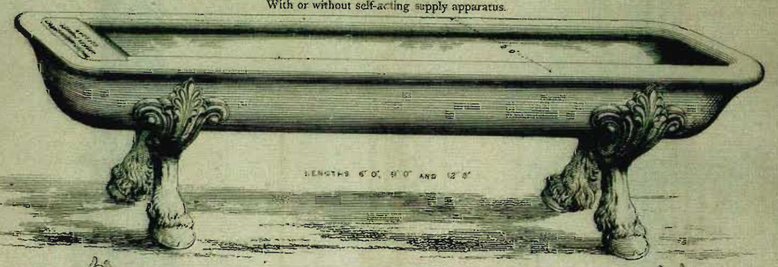
LENGTH	BREADTH	DEPTH
4 FT. ×	2 FT. 0 INS. ×	1 FT. 2 INS.
6 " ×	2 " 0 " ×	1 " 2 "
9 " ×	2 " 0 " ×	1 " 2 "

Nº 25
With or without self-acting supply apparatus.



LENGTHS 6' 0", 9' 0" AND 12' 0"

Nº 10
With or without self-acting supply apparatus.



LENGTHS 6' 0", 9' 0" AND 12' 0"

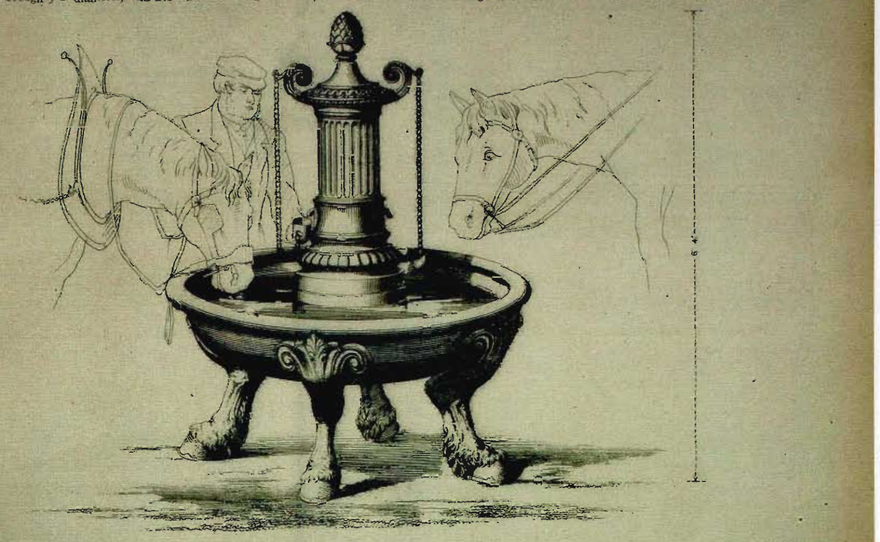
Nº 11
Circular Horse Trough, with or without self-acting supply apparatus.
5' 0" and 6' 6" diameter.



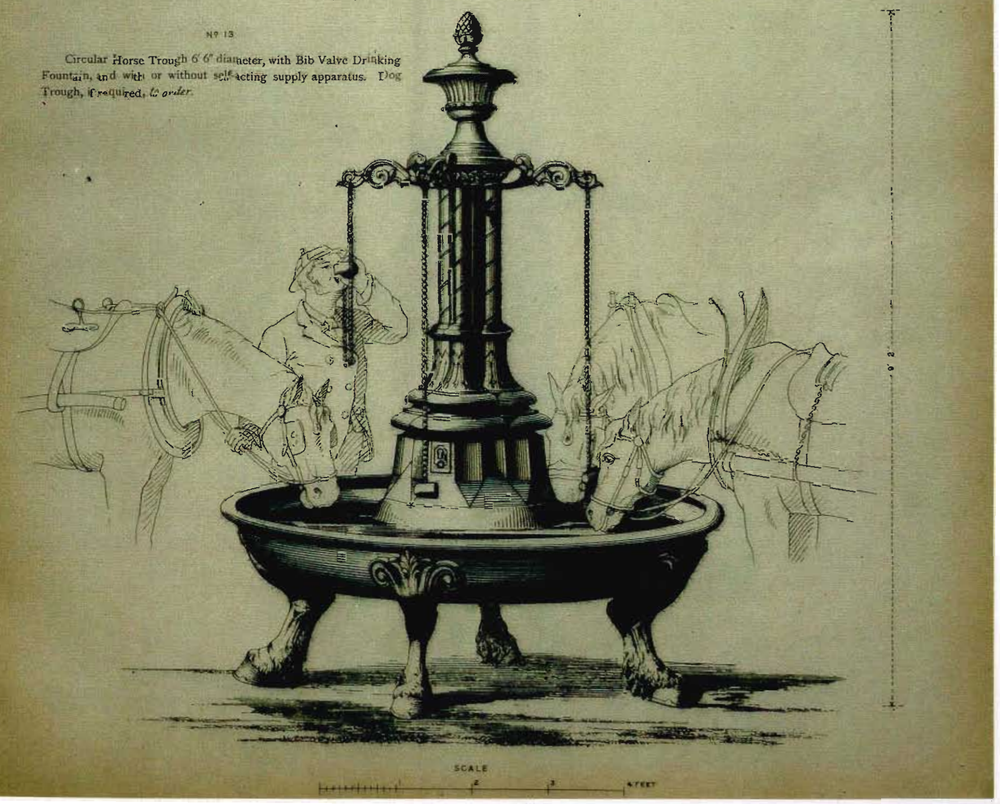
MACFARLANE'S CASTINGS — WATER TROUGHS

For Street Crossings, Squares, Markets, Horse Bazaars, &c., affording drinking accommodation for both horses and drivers, with the least possible obstruction to the traffic.

Nº 12
Circular Horse Trough 5' 0" diameter, with Bib Valve Drinking Fountain, and with or without self-acting supply apparatus. Dog Trough, if required, *to order*.



Nº 13
Circular Horse Trough 6' 6" diameter, with Bib Valve Drinking Fountain, and with or without self-acting supply apparatus. Dog Trough, if required, *to order*.



SCALE

418

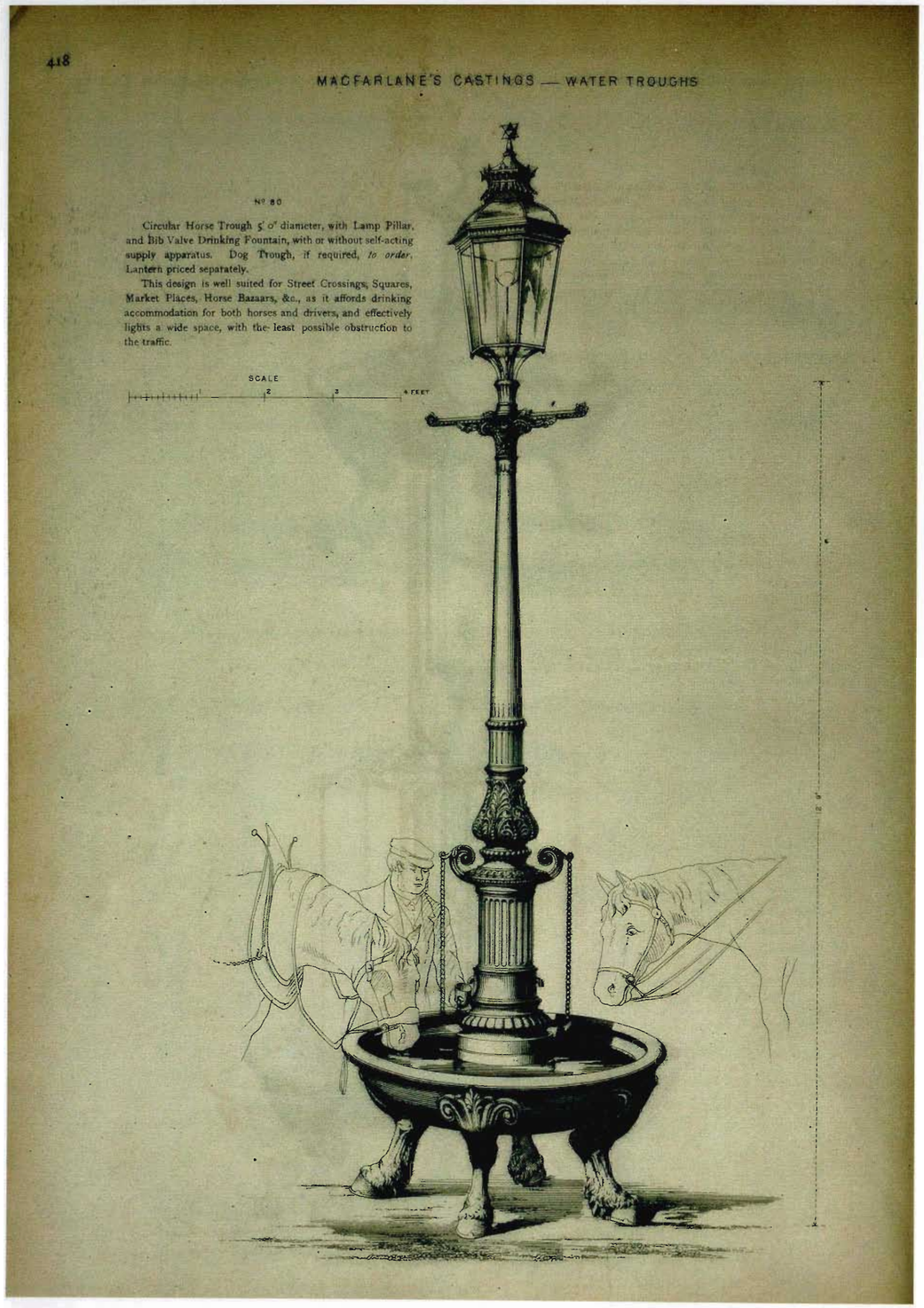
MACFARLANE'S CASTINGS — WATER TROUGHS

Nº 80

Circular Horse Trough 5' 0" diameter, with Lamp Pillar, and Bib Valve Drinking Fountain, with or without self-acting supply apparatus. Dog Trough, if required, *to order*. Lantern priced separately.

This design is well suited for Street Crossings, Squares, Market Places, Horse Bazaars, &c., as it affords drinking accommodation for both horses and drivers, and effectively lights a wide space, with the least possible obstruction to the traffic.

SCALE 1 2 3 4 FEET



419

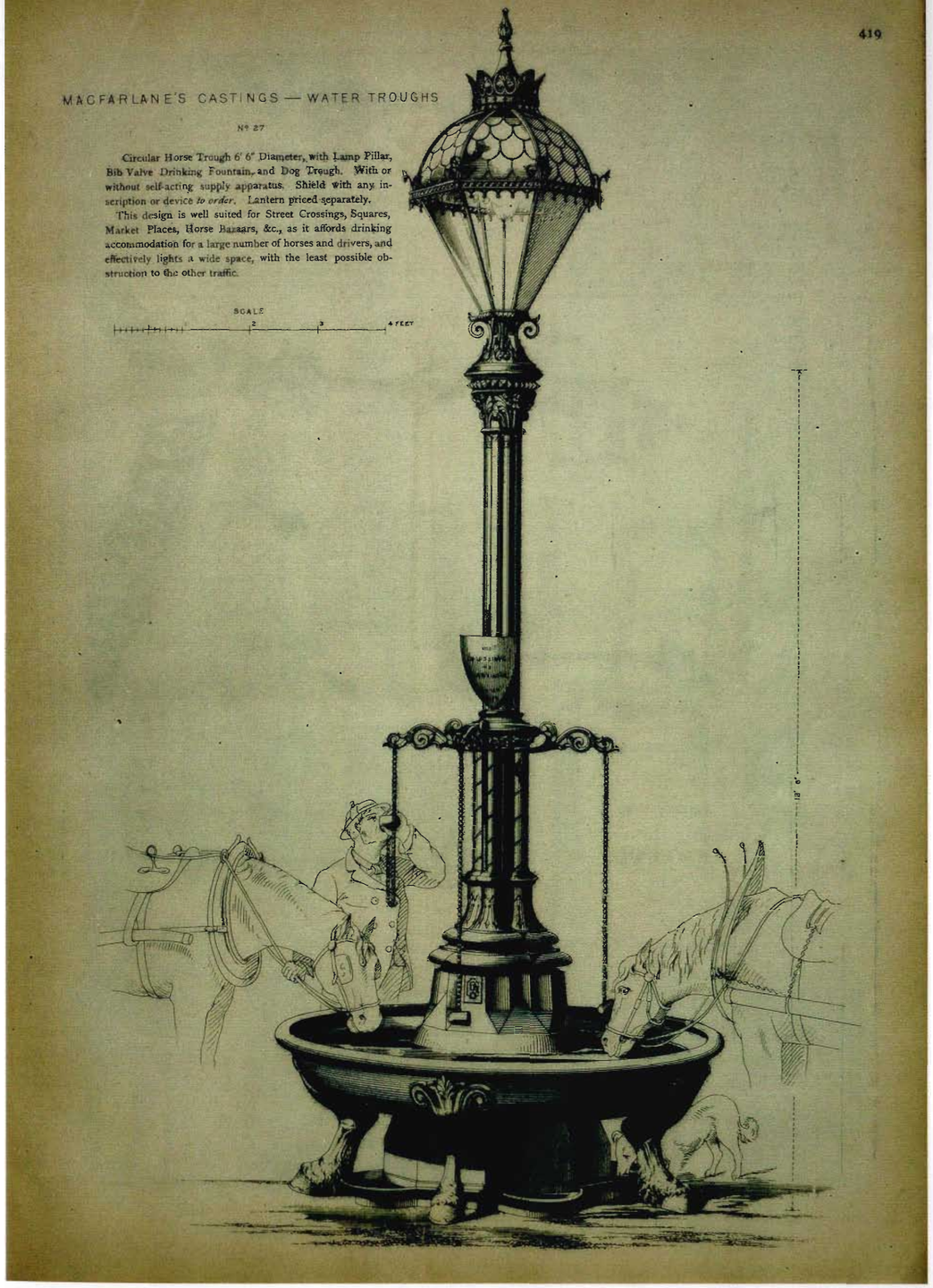
MACFARLANE'S CASTINGS — WATER TROUGHS

Nº 27

Circular Horse Trough 6' 6" Diameter, with Lamp Pillar, Bib Valve Drinking Fountain, and Dog Trough. With or without self-acting supply apparatus. Shield with any inscription or device *to order*. Lantern priced separately.

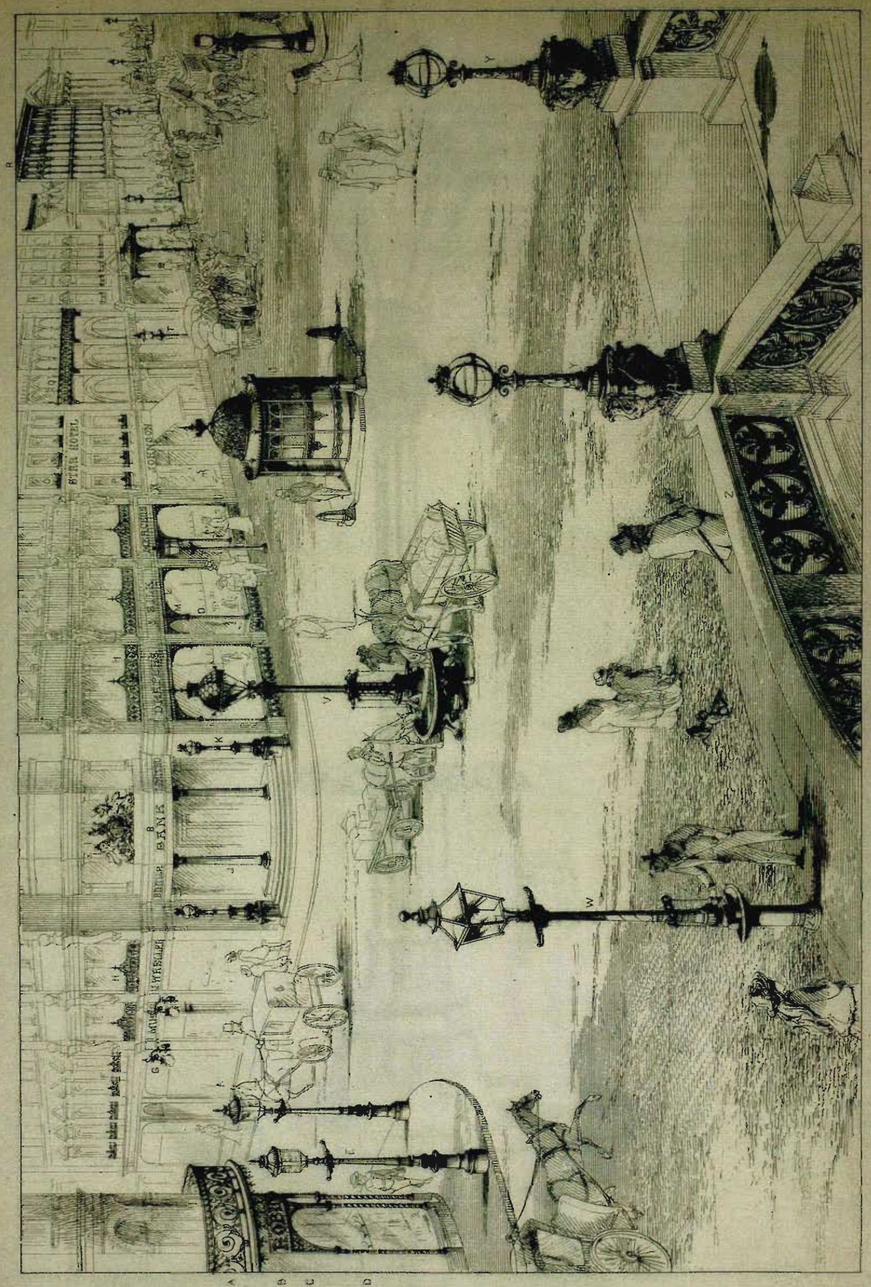
This design is well suited for Street Crossings, Squares, Market Places, Horse Bazaars, &c., as it affords drinking accommodation for a large number of horses and drivers, and effectively lights a wide space, with the least possible obstruction to the other traffic.

SCALE 1 2 3 4 FEET



MACFARLANE'S CASTINGS — EXAMPLES

Nº XLIV



SECTION XIV.—URINALS.

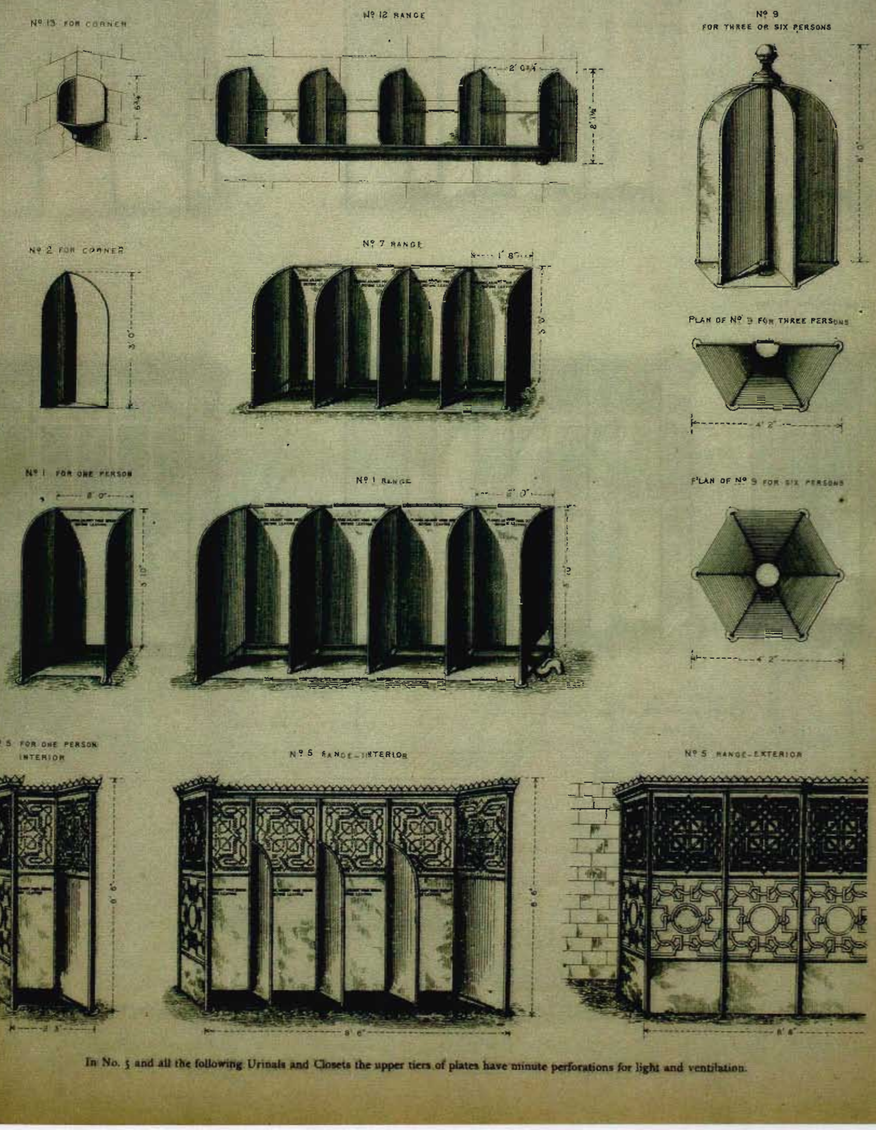
FOR STREETS, PARKS, RAILWAYS, FACTORIES, SCHOOLS, INSTITUTIONS, &c.

The advance of Sanitary Science since we first introduced our Patent Urinals thirty years ago, shows the importance of providing adequate accommodation, wherever numbers of people are congregated. For public purposes, greater strength, simpler construction, and freer ventilation are necessary than for appliances of more private use. Amongst the many improvements we have introduced in their construction, we call special attention to the ornamental perforations in the walls which admit air from all quarters, keeping them fresh and free from smell. The various kinds of Urinals illustrated here, can be modified to suit particular situations. It will often be found desirable to combine them with our Water or Dry Closets and Dust Bins. See Examples pages 435 and 436.

Please insert in Specification "**To be Macfarlane's Castings, from Saracen Foundry, Glasgow,**" to prevent an inferior article being supplied.

DIRECTIONS FOR ORDERING.

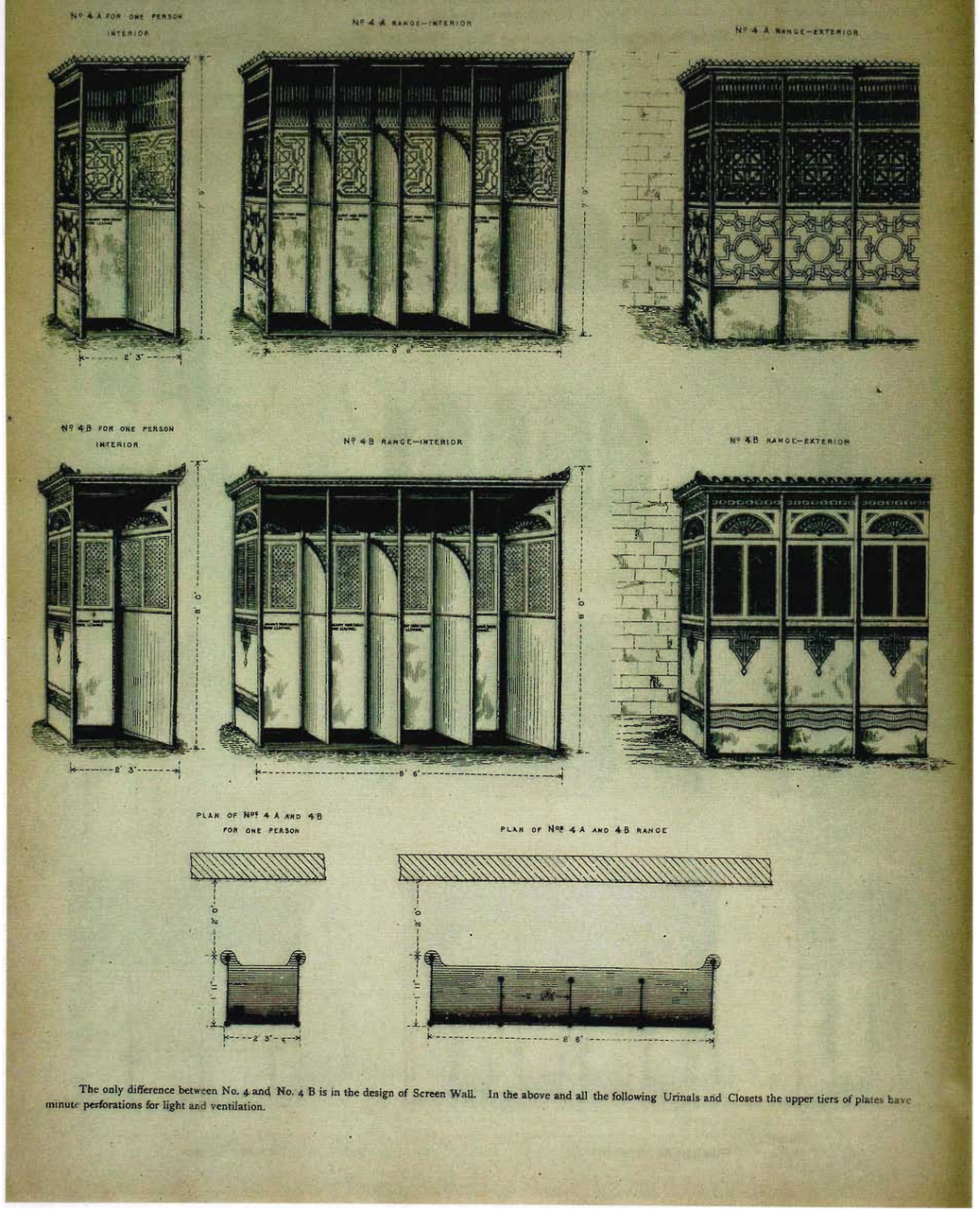
State No. and for how many persons, and when wanted combined with other Sanitary appliances, or modified to suit the exigencies of the site, give rough sketch indicating the proposed arrangement.



In No. 5 and all the following Urinals and Closets the upper tiers of plates have minute perforations for light and ventilation.

422

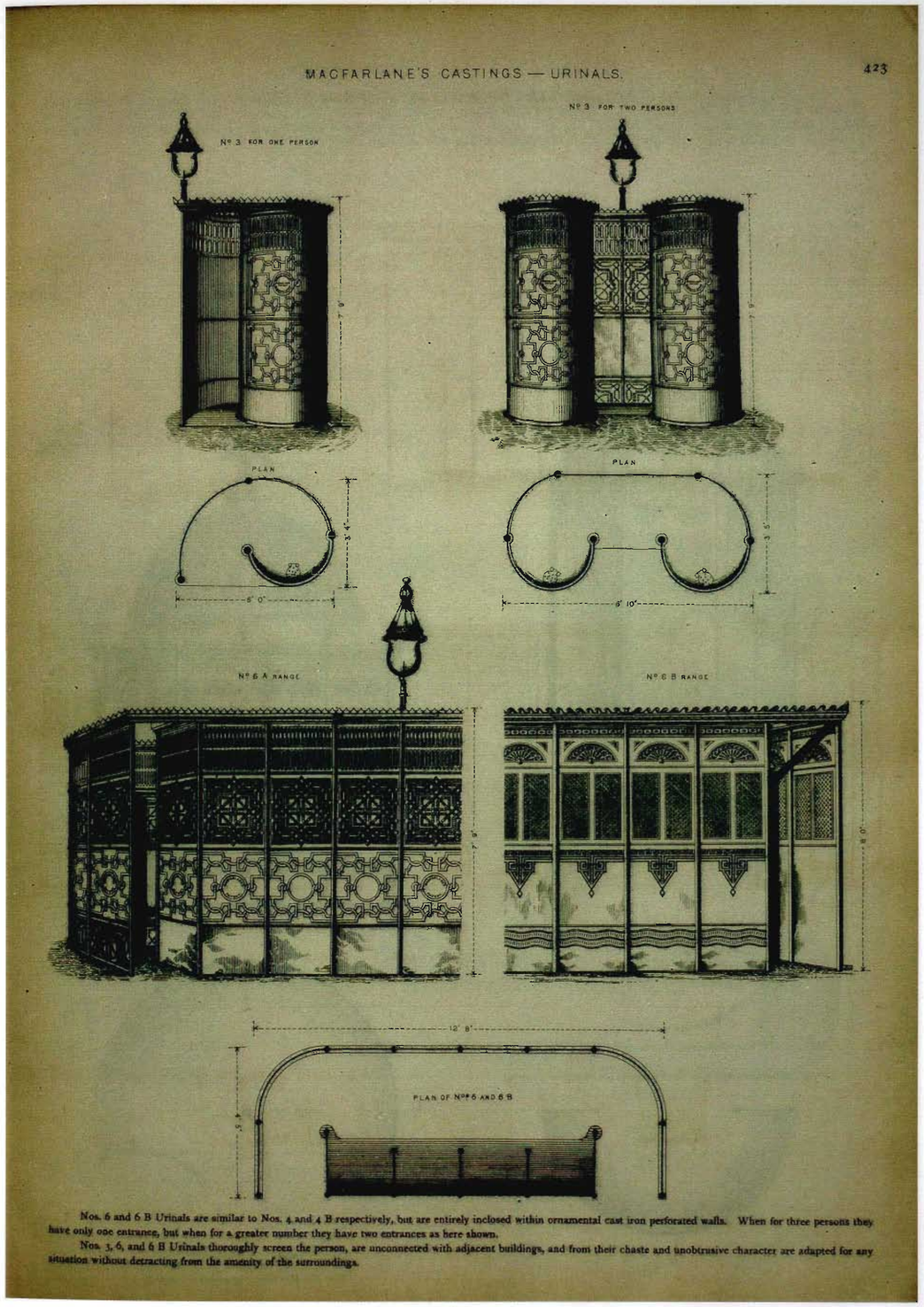
MACFARLANE'S CASTINGS — URINALS.



The only difference between No. 4 and No. 4 B is in the design of Screen Wall. In the above and all the following Urinals and Closets the upper tiers of plates have minute perforations for light and ventilation.

MACFARLANE'S CASTINGS — URINALS.

423



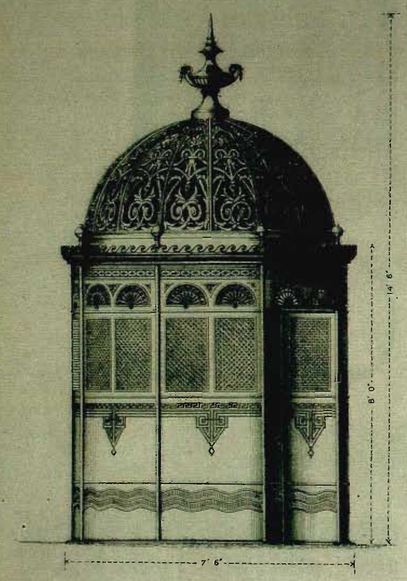
Nos. 6 and 6 B Urinals are similar to Nos. 4 and 4 B respectively, but are entirely inclosed within ornamental cast iron perforated walls. When for three persons they have only one entrance, but when for a greater number they have two entrances as here shown.

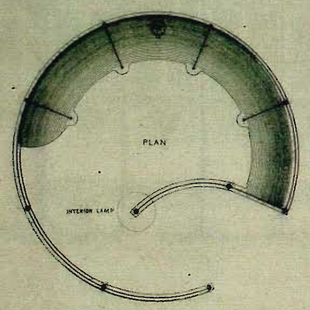
Nos. 3, 6, and 6 B Urinals thoroughly screen the person, are unconnected with adjacent buildings, and from their chaste and unobtrusive character are adapted for any situation without detracting from the amenity of the surroundings.

MACFARLANE'S CASTINGS — URINALS.

These Urinals are specially designed for central positions in public Thoroughfares, Parks, Gardens, Promenades, Railways, &c. They occupy the least possible space and offer the least possible obstruction, consistent with a cleanly and roomy interior. The walls have numerous minute perforations which with the ornamental fretwork of dome, give abundant light and ventilation and screen the person from observation, both from the street and from windows of adjacent buildings. At night the interior is lit by a lamp, and when desired a lamp surmounting the dome can be supplied for lighting the surrounding roadway.

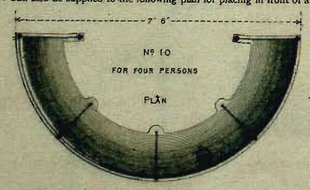
Nº 10 FOR FIVE PERSONS



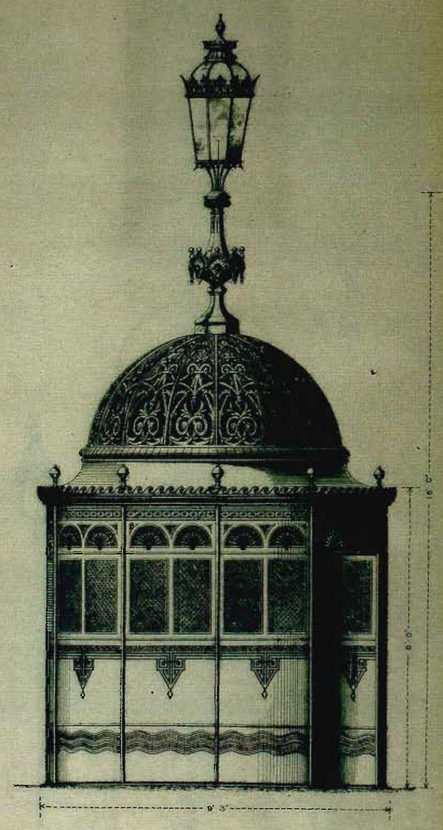


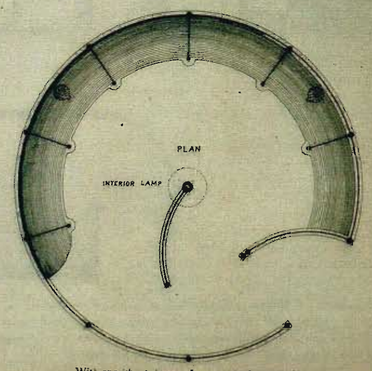
With or without dome. Lamps priced separately.

Nº 10 Can also be supplied to the following plan for placing in front of a wall.



Nº 11 FOR SEVEN PERSONS





With or without dome. Lamps priced separately.

SECTION XV.—TROUGH WATER CLOSETS.

FOR SCHOOLS, FACTORIES, INSTITUTIONS, RAILWAYS, STREETS, PARKS, &c.

It is now thirty years since we first introduced our Patent Trough Water Closets, and ever since we have spared no expense in perfecting their construction. Their excellence and suitability for public purposes have been universally acknowledged, such requirements being entirely different from those of private Water Closets. All their gearing is inclosed within the trough, they act as their own cistern, require no water pressure, are as efficient with an intermittent as with a constant supply of water and require less than any other closet in use. The persons using our Closets have nothing to do with their gearing, *only the person whose duty it is* discharges their contents once every day. They can be fitted into any common privy or closet already in use, and can be partitioned into any number of separate compartments; one range can thus be made suitable for both males and females, whilst a portion of the same range may be kept for Counting-house employés or superintendents. As a general rule one seat should be allowed for every thirty or forty persons according to circumstances. Any of our Closets can be modified to suit particular situations, and may be combined with Urinals, Dust Bins, &c. See examples pages 435–436.

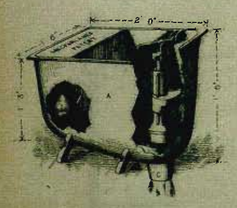
We would call special attention to the mistake often made of using stone, brick, and wood in the construction of Public Closets. These materials being porous become infested with vermin and loaded with effluvia, nauseous and unwholesome. The imperviousness of our cast iron closets entirely prevents those evils, whilst the imperishable nature of the material and the thorough lighting and ventilation by means of minute perforations in the walls, render them marvels of sanitary construction.

Please insert in Specification "**To be Macfarlane's Castings, from Saracen Foundry, Glasgow,**" to prevent an inferior article being supplied.

DIRECTIONS FOR ORDERING.

State No. and for how many persons, and when wanted combined with other Sanitary Appliances, or modified to suit the exigencies of the site, give rough sketch of the proposed arrangement.

Nº 1 FOR ONE PERSON

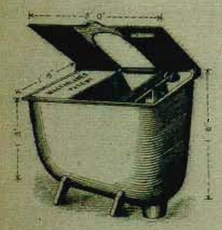


Nº 1 RANGE

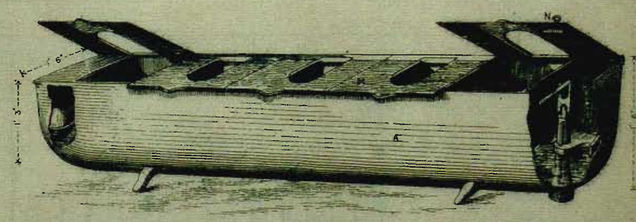


No. 1 W. C. consists of trough A, the bottom having an inclination towards the discharge end. The discharge apparatus is enclosed by the sluice plate B, sufficient space being left between its under edge and the bottom of the trough to allow the matters to pass freely through to the discharge pipe C, leading into the drain trap. The socket valve of the discharge is lifted, by the lever G, the whole being inclosed by the hinged cover and lock N. The discharge gearing is thus only accessible to the person whose duty it is to discharge the contents. When only for one person it has no cover on the discharge gearing, the seat being expected to serve this purpose. The water supply compartment is at opposite end of trough, inclosed by cover and only accessible to a tradesman. The discharge is effected by lifting the lever G, when the whole contents rush off unimpeded to the sewer, then letting the valve drop into its socket, the trough refills of its own accord to the proper height. The same arrangements are applied to all our Public Water Closets.

Nº 2 FOR ONE PERSON



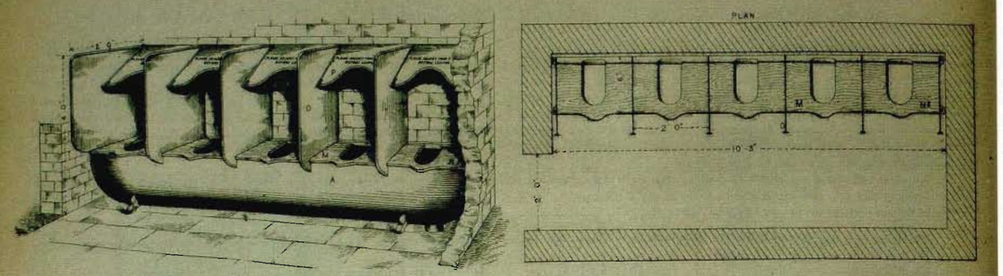
Nº 2 RANGE



No. 2 W. C. is the same as No. 1, but with the addition of hinged seats M, consisting of iron plates, covered with wood, having an oblong opening, terminating at the back with an iron cope, thus giving a degree of cleanliness not attainable by the usual oval opening. The discharge gearing is inclosed by a portion of the end seat with lock N. Partitions may be added of any suitable material.

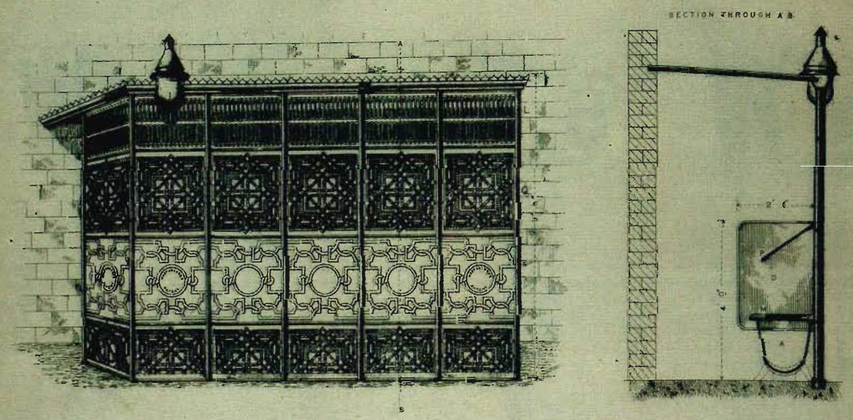
MACFARLANE'S CASTINGS — TROUGH WATER CLOSETS

Nº 4 RANGE



No. 4 W. C. is the same as No. 2, but the seats are separated by iron partitions O, giving privacy and comfort. The back guard plate P prevents standing on the seats. Our Nos. 1, 2, and 4 Water Closets are intended to be fitted up inside a building of any suitable material. See illustration of improved brick erection on page 429.

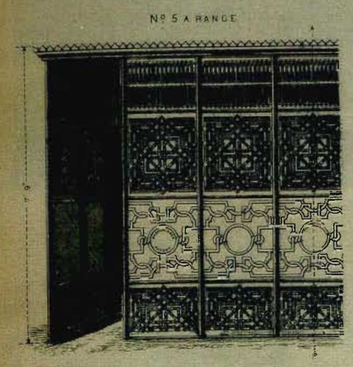
Nº 3 RANGE



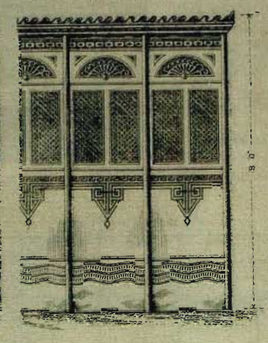
No. 3 W. C. is the same as No. 4 with the addition of front and end walls and roof, wholly composed of ornamental cast iron plates and pillars all dovetailed together and fixed against a wall. It is lighted and ventilated by open fretwork L and perforated plates Q, and at night is lighted by lamp. When for more than five persons an entrance is at both ends. No door is required on entrance, but in situations where necessary an iron screen may be placed opposite. The material of the walls, &c, being cast iron, is in its nature indestructible, and impervious to foul gases and vermin, whilst the ventilation by means of the fretwork and perforated plates, produces a marvellous degree of freshness and freedom from smell.

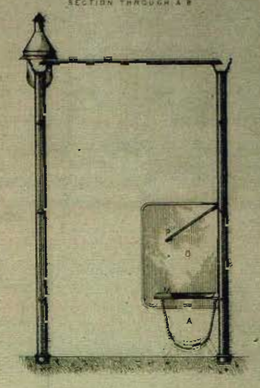
MACFARLANE'S CASTINGS — TROUGH WATER CLOSETS

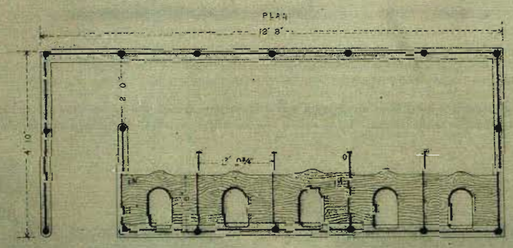
Nº 5 A RANGE



Nº 5 B RANGE

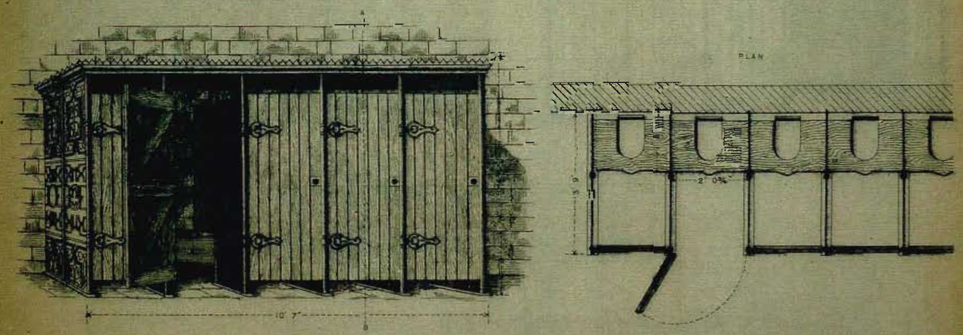






No. 5 W. C. is the same as No. 3, but instead of being fitted up against a wall, it is complete in itself, being entirely inclosed by cast iron perforated walls, giving light and ventilation to the interior, and the lamp lights it at night. When for more than five persons, an entrance is at both ends. The chaste and unobtrusive character of the structure adapts it for any situation without detracting from the amenity of the surroundings. Can be supplied with design of Screen Wall either as No. 5 A or No. 5 B.

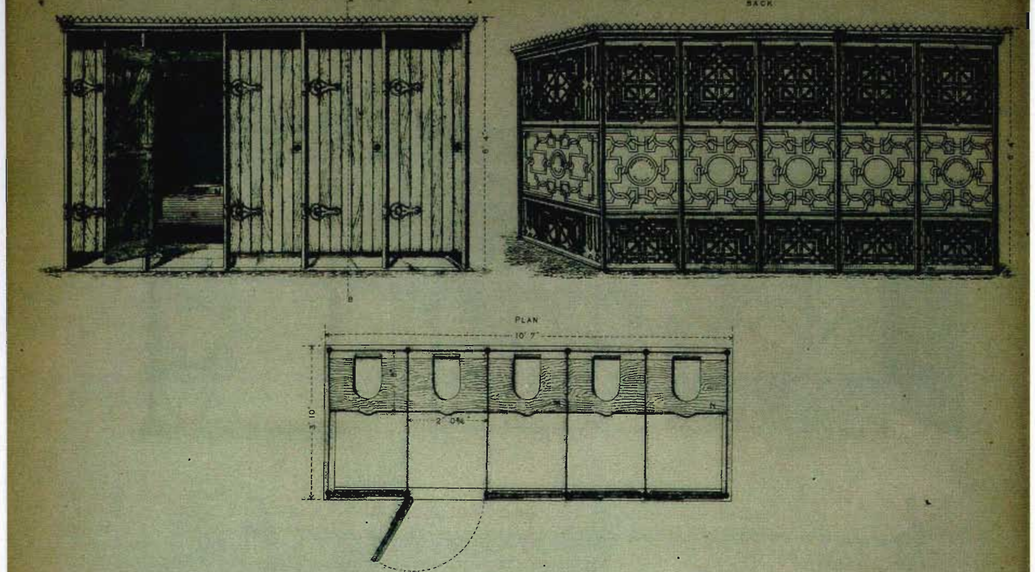
Nº 6 RANGE



No. 6 W. C. has a separate door to each compartment. The partition walls and roof are wholly of cast iron plates and pillars, and the structure is intended to be placed against a wall.

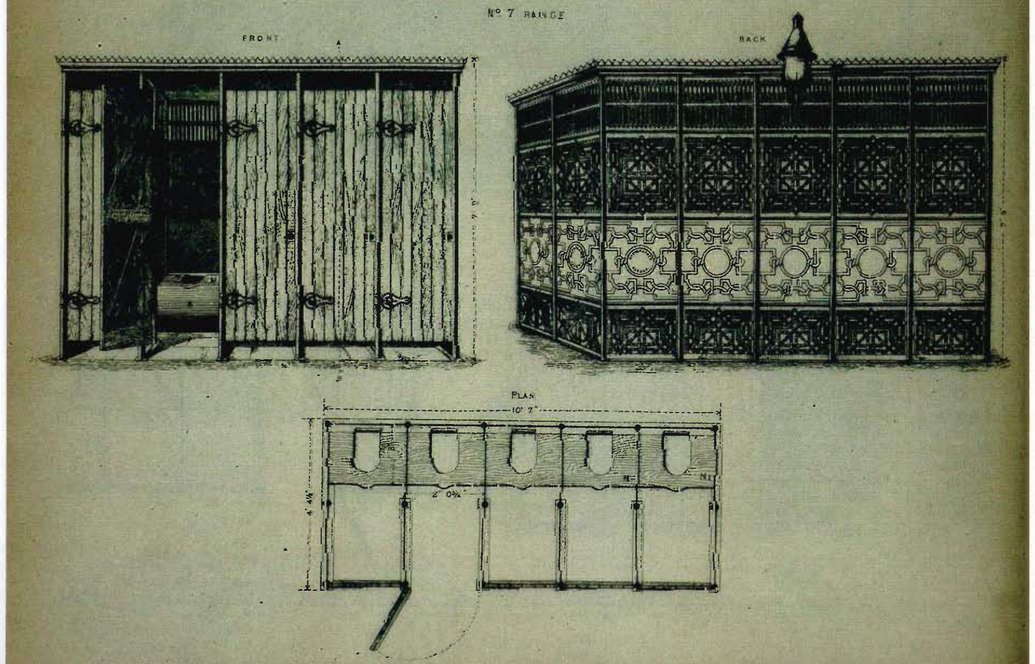
MACFARLANE'S CASTINGS — TROUGH WATER CLOSETS

No 9 RANGE



No. 9 W. C. is the same as No. 6, but instead of being fitted up against a wall it is complete in itself and unconnected with the adjacent buildings, being inclosed by cast iron perforated walls giving light and ventilation to the interior. It can also be supplied with Screen Wall B (see page 433) instead of design shown above, and is then called No. 9 B.

No 7 RANGE



No. 7 W. C. is the same as No. 9, but is higher and has more room in front of the seats. It can also be supplied with Screen Wall B (see page 433) instead of design shown above, and is then called No. 7 B.

SECTION XVI.—TROUGH DRY CLOSETS

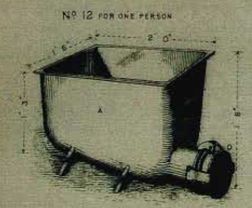
FOR SCHOOLS, WORKS, FACTORIES, INSTITUTIONS, RAILWAYS, GARDENS, STREETS, &c.

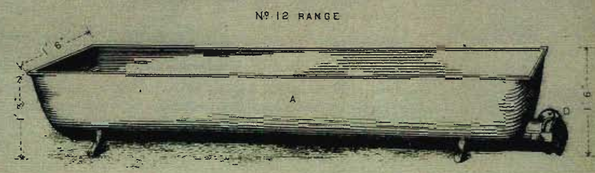
It is now twenty years since we first introduced our Patent Ordure Closets, for use in situations where it is desirable to keep the excrement out of sewers, thereby not only preventing the pollution of rivers, but saving the excrement in a comparatively dry state for manuring purposes, and above all, under the most perfect sanitary conditions without water or drains. Being made in lengths for any number of persons, they only require to be emptied once in the day, and are simple and imperishable in their construction, entailing no after expense for repairs. Deodorants of earth, dust or sweepings of any kind, may be applied, but with free air space, and emptied daily, under ordinary circumstances no deodorant is necessary, such effluvia when fresh, not being injurious to health. Any of our Closets can be modified to suit particular situations, and may be combined with Urinals, Dust Bins, &c. See examples pages 435-436.

Please insert in Specification "**To be Macfarlane's Castings, from Saracen Foundry, Glasgow,**" to prevent an inferior article being supplied.

DIRECTIONS FOR ORDERING.

State No. and for how many persons, and when wanted combined with other Sanitary Appliances, or modified to suit the exigences of the site, give rough sketch indicating the proposed arrangement.

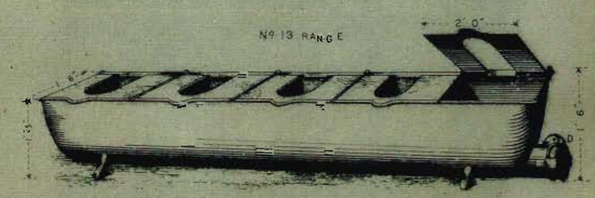




No. 12 Dry Closet consists of trough A, the bottom having an inclination towards the discharge end. The discharge consists of an inclined pipe projecting from the deep end to the outside of the building and having a valve D hinged and fitted with lock. The gearing is thus only at the command of the person whose duty it is to discharge the contents. To empty, place the bucket (see page 433) under the valve, then open the valve and the contents will fall into the bucket (see below). Draw forward with the scraper (see page 433) any of the more solid parts resting on the bottom. The operation only requires to be done once every day and is the work of a few minutes.

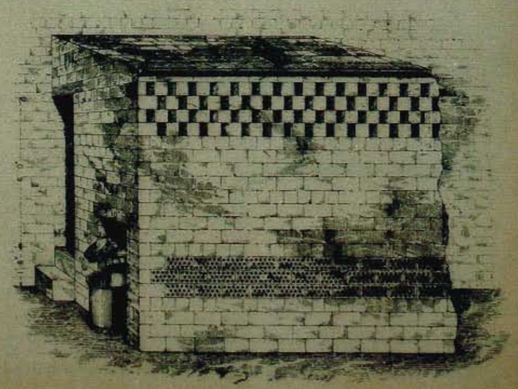
No. 12 Dry Closet is the same as our more expensive kinds, but without seats, divisions, or other attachments, which may be added of any suitable form or material.





No. 13 Dry Closet is the same as No. 12 but with the addition of hinged seats M, consisting of iron plates covered with wood, having an oblong opening, terminating at the back with an iron cope, thus giving a degree of cleanliness not attainable by the usual oval opening. Partitions may be added of any suitable form or material.

BRICK WORK FOR CLOSETS

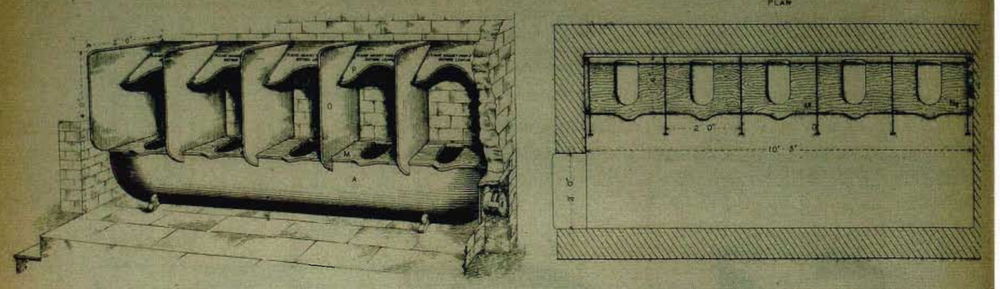


Nos. 12, 13, and 14 Dry Closets are sometimes wanted to be fitted up in brick buildings, and with the view of securing the best possible construction, we submit for consideration the annexed design of an improved brick erection.

The interior pavement is 18 inches above the ground. The walls are 9 inches thick having three rows of perforated bricks immediately behind the closet trough, and four rows of open brickwork near the roof to give light and ventilation. The discharge valve D of closet trough projects through the opening in the end.

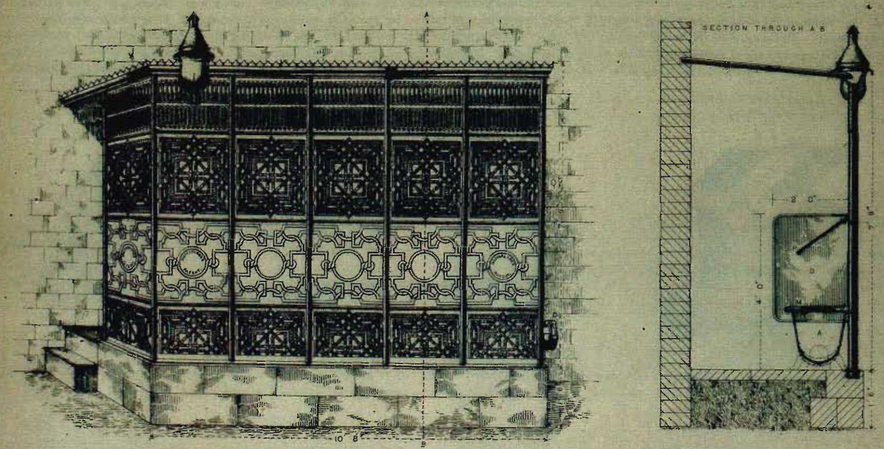
MACFARLANE'S CASTINGS — TROUGH DRY CLOSETS

Nº 14 RANGE



No. 14 Dry Closet is the same as No. 13 but the seats are separated by iron partitions O giving privacy and comfort. The back guard plate P prevents standing on the seats. Our Nos. 12, 13, and 14 Dry Closets are intended to be fitted up inside a building of any suitable material. See illustration of improved brick erection on preceding page.

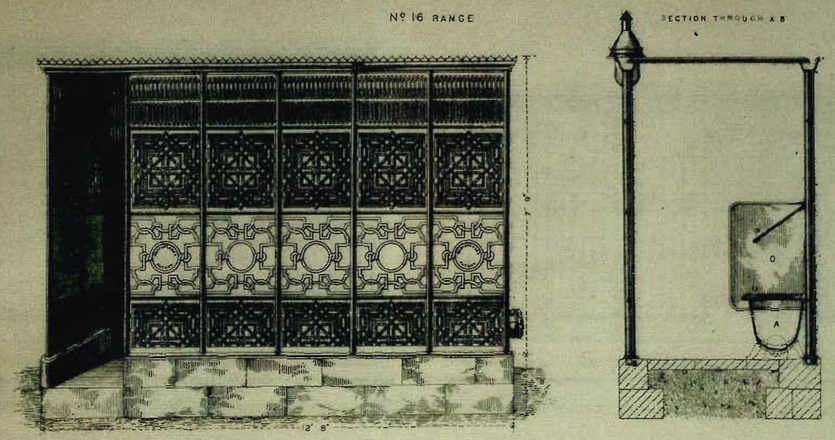
Nº 15 RANGE



No. 15 Dry Closet is the same as No. 14 with the addition of front and end walls and roof, wholly composed of ornamental cast iron plates and pillars, all dovetailed together, and fixed against a wall. It is lighted and ventilated by open fretwork L and perforated plates Q and at night is lighted by lamp. No door is required on entrance, but in situations where necessary an iron screen may be placed opposite. The material of the walls, &c., being cast iron, is in its nature indestructible, and impervious to foul gases and vermin, whilst the ventilation by means of the fretwork and perforated plates, produces a marvellous degree of freshness and freedom from smell.

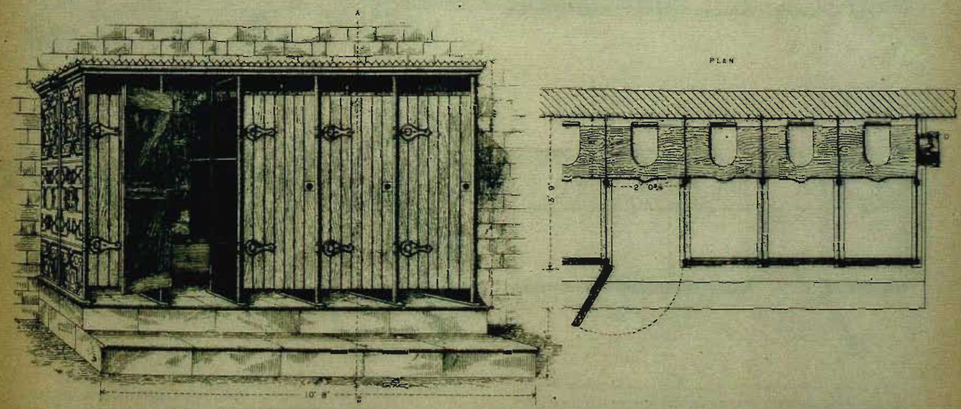
MACFARLANE'S CASTINGS — TROUGH DRY CLOSETS

Nº 16 RANGE



No. 16 Dry Closet is the same as No. 15, but instead of being fitted up against a wall, it is complete in itself, being entirely inclosed by cast iron perforated walls, giving light and ventilation to the interior, and the lamp lights it at night. When for more than five persons, an entrance is at both ends. The chaste and unobtrusive character of the structure adapts it for any situation without detracting from the amenity of the surroundings. It can also be supplied with Screen Wall B (see page 433), instead of design shown above, and is then called No. 16 B.

Nº 17 RANGE

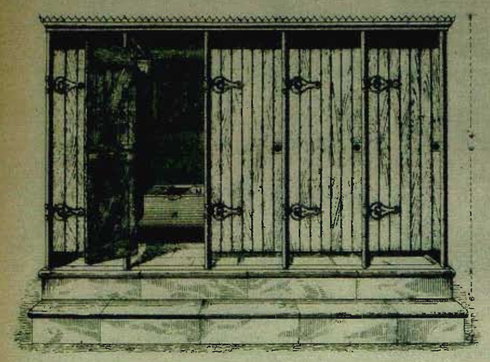


No. 17 Dry Closet is divided into Compartments having each a separate door. The partitions, walls and roof are wholly of cast iron, and the structure is intended to be placed against a wall.

MACFARLANE'S CASTINGS — TROUGH DRY CLOSETS

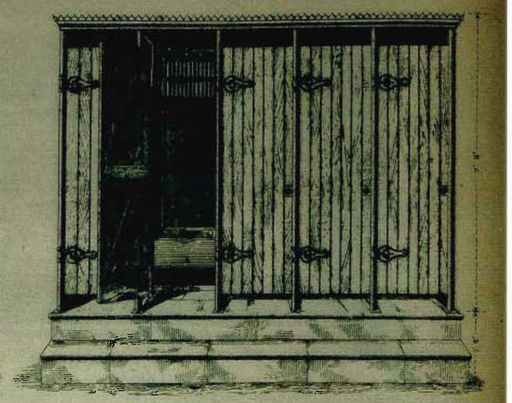
Nº 18 RANGE

FRONT

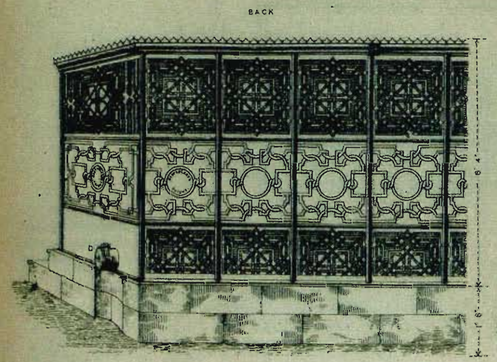


Nº 19 RANGE

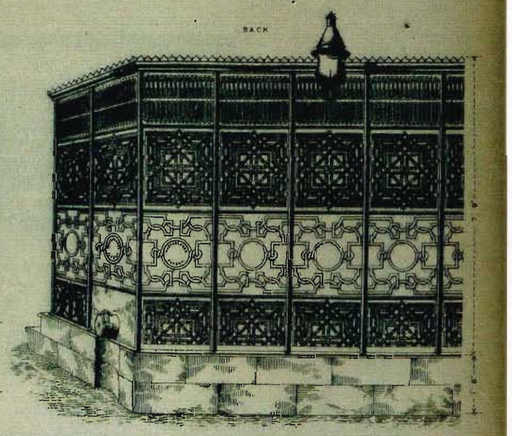
FRONT



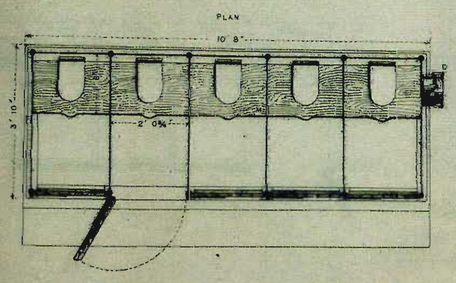
BACK



BACK

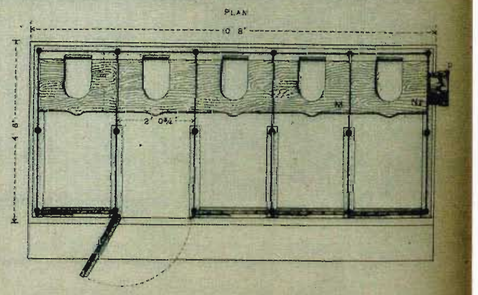


PLAN



No. 18 Dry Closet is the same as No. 17, but instead of being fitted up against a wall, it is complete in itself, and unconnected with the adjacent buildings, being inclosed by cast iron perforated walls giving light and ventilation to the interior.

PLAN

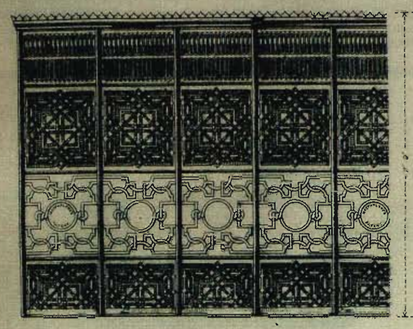


No. 19 Dry Closet is the same as No. 18, but is higher and has more room in front of seats.

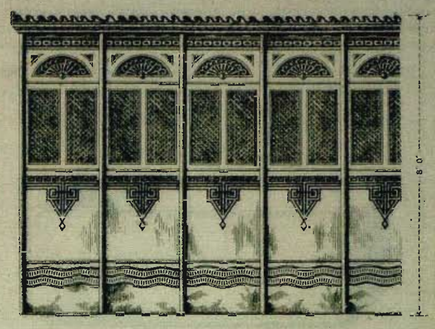
These Closets can also be supplied with Screen Wall B (see page 433), instead of design shown above, and are then called No. 18 B and No. 19 B respectively.

MACFARLANE'S CASTINGS — SCREEN WALLS AND DRY CLOSET TOOLS

SCREEN WALL A

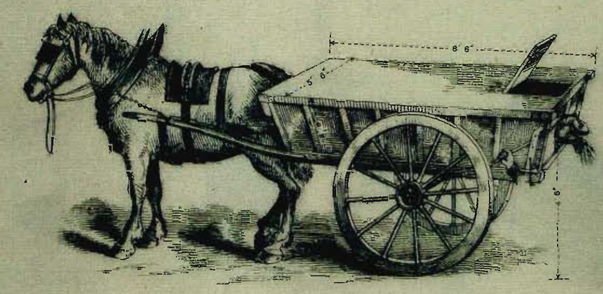


SCREEN WALL B



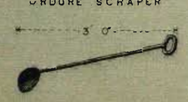
Either pattern of our ORNAMENTAL SCREEN WALLS A or B may be fitted up in connection with any sanitary appliance, in front of the entrances, &c., and can be made any size and to any plan *to order*.

ORDURE CART



Our Ordure Cart is close bodied and watertight, having an opening in the top for receiving the soil and a discharge valve similar to that of our Dry Closets.

ORDURE SCRAPER



ORDURE BUCKET



CLEANSING HOSE APPARATUS



The Scraper is used to facilitate the discharge of our Dry Closets.

The Bucket is used for conveying the soil to the Ordure Cart.

The Cleansing hose is fitted with a union coupling for attaching to the nose of stop cock B. The latter is inclosed in cast iron case with hinged cover intended to be sunk flush with the ground. The apparatus is for washing public Conveniences, Urinals, Courts, &c. A great saving of water and time is thus effected, besides being much better done than by the old system of buckets.

SECTION XVII.—DUST BINS.

FOR MANSIONS, VILLAS, TENEMENTS, FACTORIES, COURTS, GARDENS, STABLES, &c.

It is now twenty-seven years since we first introduced our Patent Dust Bins for every kind of garbage, ordure, &c., prior to which time little attention had been bestowed on this common but necessary adjunct to every dwelling. Huge unsightly erections of stone or brick had been in use, occupying a space of ground altogether unnecessary, and storing up putrefying matter for months in the midst of dense populations, forming hotbeds for generating disease and vermin. Local authorities are now alive to this evil, and are insisting on the daily removal of all garbage from amongst the people. To facilitate this and supplant the former offensive and pestilential system, we introduced our cast-iron Dust Bins; their strength, non-absorbent properties, the resistance they offer to rats and other vermin, and the little space they occupy, make them the best possible receptacles for dust, ashes, and garbage of every description, equally suitable for Mansions, Cottages, Tenements, and Public Works.

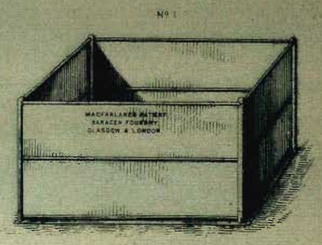
Please insert in Specification "To be Macfarlane's Castings, from Saracen Foundry, Glasgow," to prevent an inferior article being supplied.

No 1



3′ 0″ long × 2′ 0″ Broad × 2′ 0″ high.
4′ 0″ ,, × 2′ 0″ ,, × 2′ 0″ ,,
6′ 0″ ,, × 2′ 0″ ,, × 2′ 0″ ,,

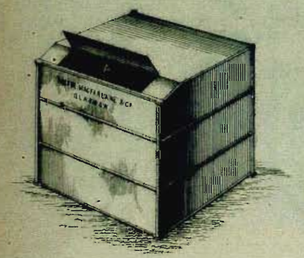
No 1



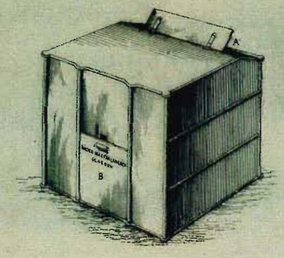
4′ 6″ long × 1′ 9″ Broad × 2′ 6″ high.
4′ 6″ ,, × 2′ 0″ ,, × 2′ 6″ ,,
6′ 0″ ,, × 2′ 0″ ,, × 2′ 6″ ,,
4′ 6″ ,, × 2′ 6″ ,, × 2′ 6″ ,,
4′ 6″ ,, × 3′ 0″ ,, × 2′ 6″ ,,
4′ 0″ ,, × 4′ 0″ ,, × 2′ 6″ ,,

No 2

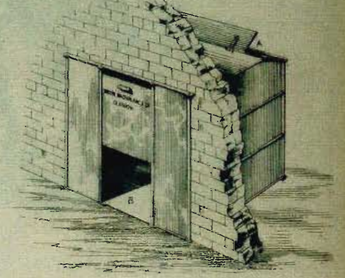
FRONT



BACK



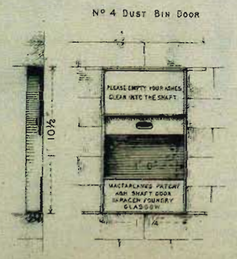
BUILT INTO WALL



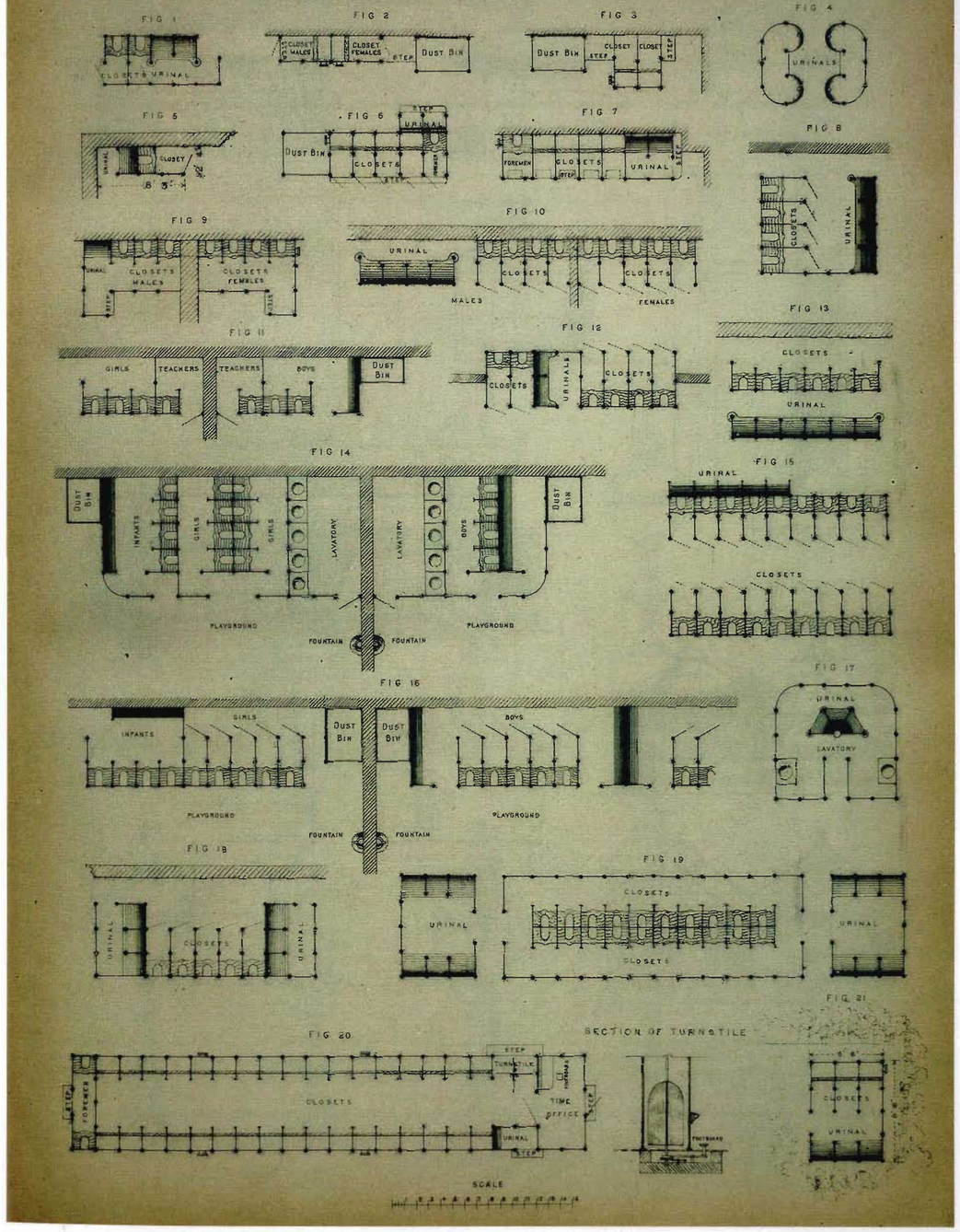
3′ 0″ long × 1′ 9″ Broad × 2′ 6″ high.
2′ 6″ ,, × 1′ 9″ ,, × 2′ 6″ ,,
3′ 0″ ,, × 1′ 9″ ,, × 2′ 6″ ,,
3′ 6″ ,, × 2′ 6″ ,, × 2′ 6″ ,,
3′ 0″ ,, × 3′ 0″ ,, × 3′ 0″ ,,
4′ 0″ ,, × 4′ 0″ ,, × 4′ 0″ ,,

No. 2 Dust Bin has an inlet opening **A** at the front with hinged cover, and a sliding outlet door **B** at the back, opening upwards and fitted with lock. It may either stand isolated, or be built into the wall at the rear of the buildings, in which case, the ashes, garbage, &c., being discharged into the Bin by the opening **A** inside the premises, the dustman, by opening the slide door **B** has access to the Bin from the outside only. Modifications can be made to suit particular situations.

No 4 Dust Bin Door



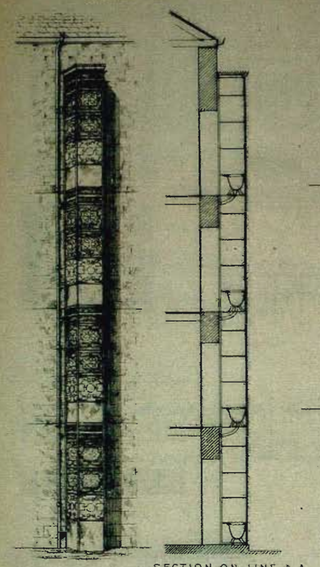
The following plans illustrate the adaptability of our Sanitary Appliances to the various requirements of Towns, Streets, Parks, Railways, Public Works, Factories, Barracks, Schools, Asylums, and Public Institutions generally. We shall be glad to supply our Customers with a plan of the most suitable and economical arrangement for their purpose on receipt of a rough sketch of site and statement of their requirements.



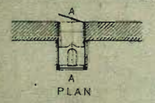
MACFARLANE'S CASTINGS — EXAMPLES

Combination of Sanitary Appliances

FIG 22
Closets for Flats.

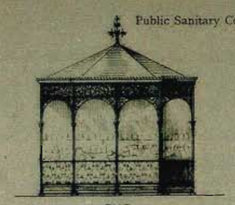


SECTION ON LINE A A

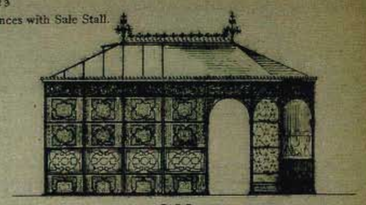


PLAN

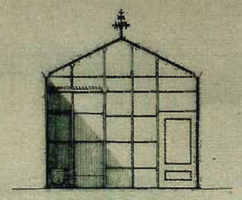
FIG 23
Public Sanitary Conveniences with Sale Stall.



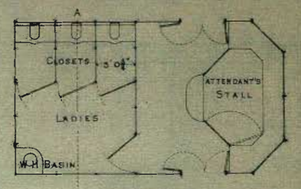
END



SIDE

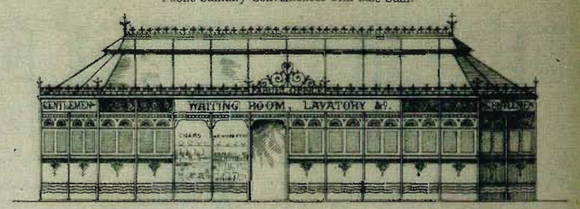


SECTION ON LINE A A



PLAN

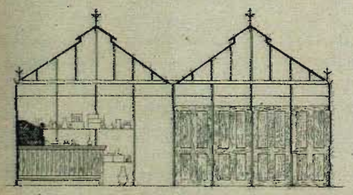
FIG 24
Public Sanitary Conveniences with Sale Stall.



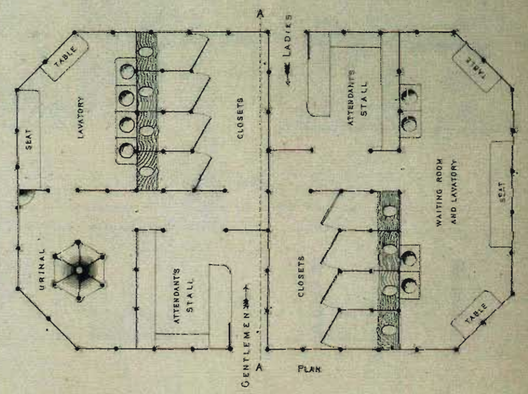
SIDE



END



SECTION ON LINE A A



PLAN

Fig. 22 shows application of our Closets to buildings in flats, such as Tenements, Mills, Factories, Warehouses, &c. They may be fitted with any kind of Closet Apparatus, and being outside of the building, and thoroughly ventilated and lighted by the perforated wall-plates, they are cleanly, fresh and wholesome, and preserve the staircases and dwellings from contamination. They can be easily applied to existing buildings, too many of which either have no suitable conveniences or have them placed in dark and confined corners.

Figs. 23 and 24 are Examples of Combined Sanitary Appliances for Cities, Railway Termini, Markets, Watering Places, Public Parks, Promenades Race Courses, Recreation Grounds, &c., where large numbers of people are passing or frequently assembled. In such places the want of public conveniences is often painfully felt by both sexes, and with a view to provide structures perfectly suited for the purpose, at once cleanly, sightly, and durable, we submit these examples. All the Walls, Partitions, Roof Principals, Astragals and Urinals are cast iron, indestructible, and impervious to foul gases or vermin.

SCALE

SECTION XVIII.—LAMPS.

PUBLIC AND PRIVATE FOR GAS, ELECTRICITY, OIL, &c.

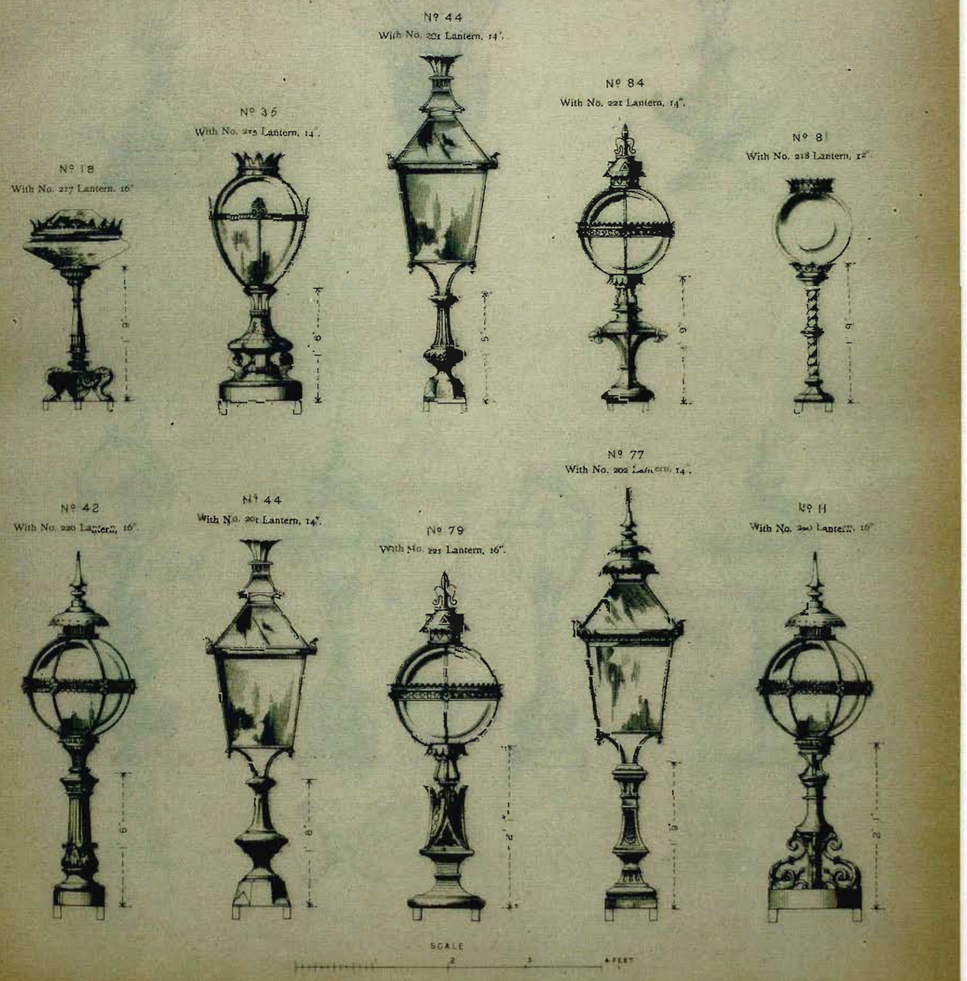
The requirements of modern civilization necessitate an increasing attention to the use of Artificial Light for both public and private purposes. Corporations have to illuminate streets, crossings, squares, parks, bridges, piers, promenades, and public buildings generally, while private enterprise to be successful must render cheerful and attractive the entrances to warehouses, shops, mansions, hotels, clubs, halls, churches, theatres, stations, &c. We here illustrate such a variety of designs and sizes as will suit almost every purpose. Any other of our Lanterns can be substituted for those shown in connection, which are merely suggestive.

Please insert in specification **"To be Macfarlane's Castings, from Saracen Foundry, Glasgow,"** to prevent an inferior article being supplied.

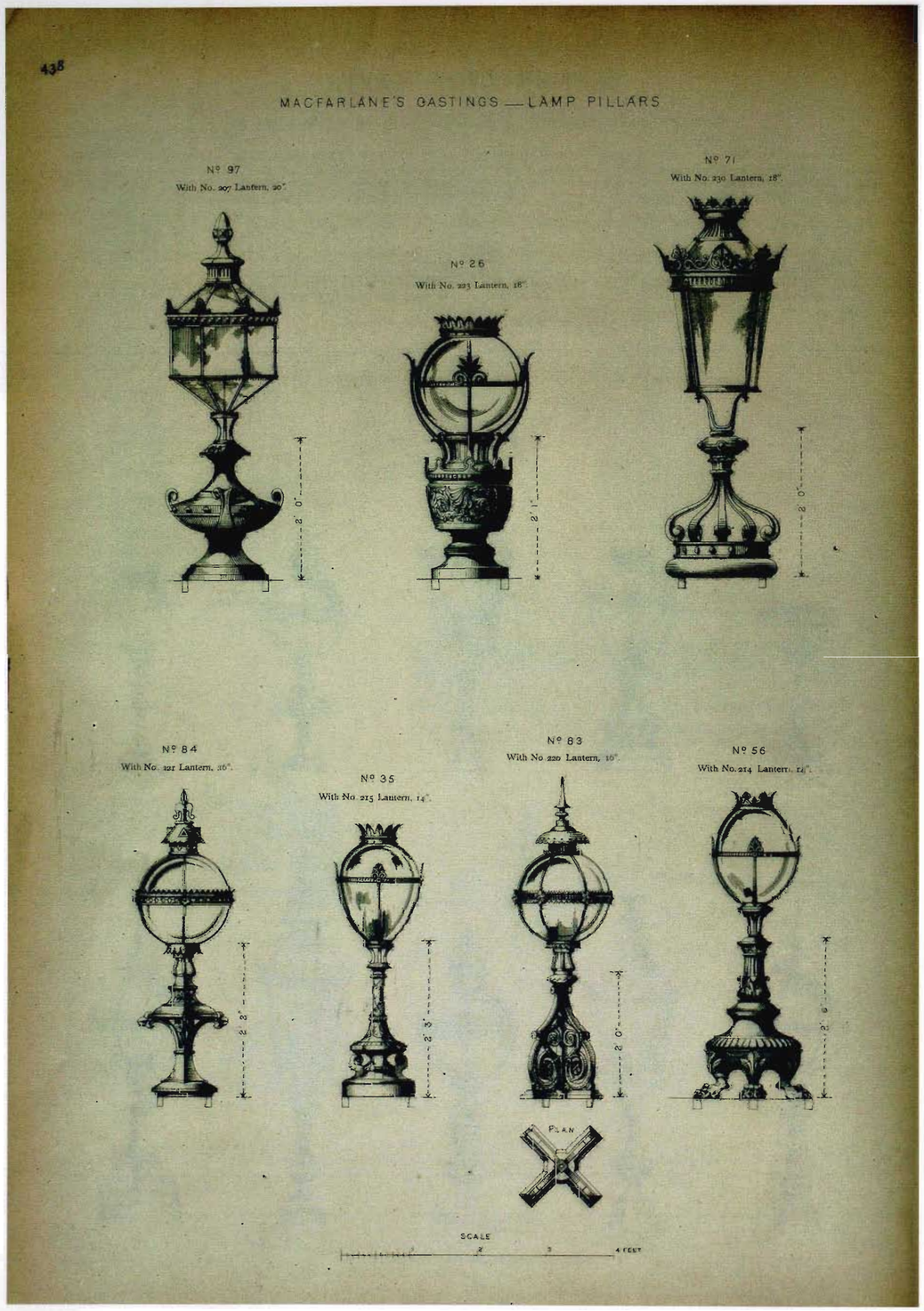
Lamp Pillars	pages 437–474	Lamp Connections	pages 488
Lamp Brackets	„ 475–482	Lanterns	„ 489–490
Lamp Arches	„ 483–486	Examples	„ 491–492
Lamp Pendants	„ 487–488	For Lamps with Drinking Fountains and Troughs, see Section XIII.	

The illustrations are arranged in the order of their sizes.

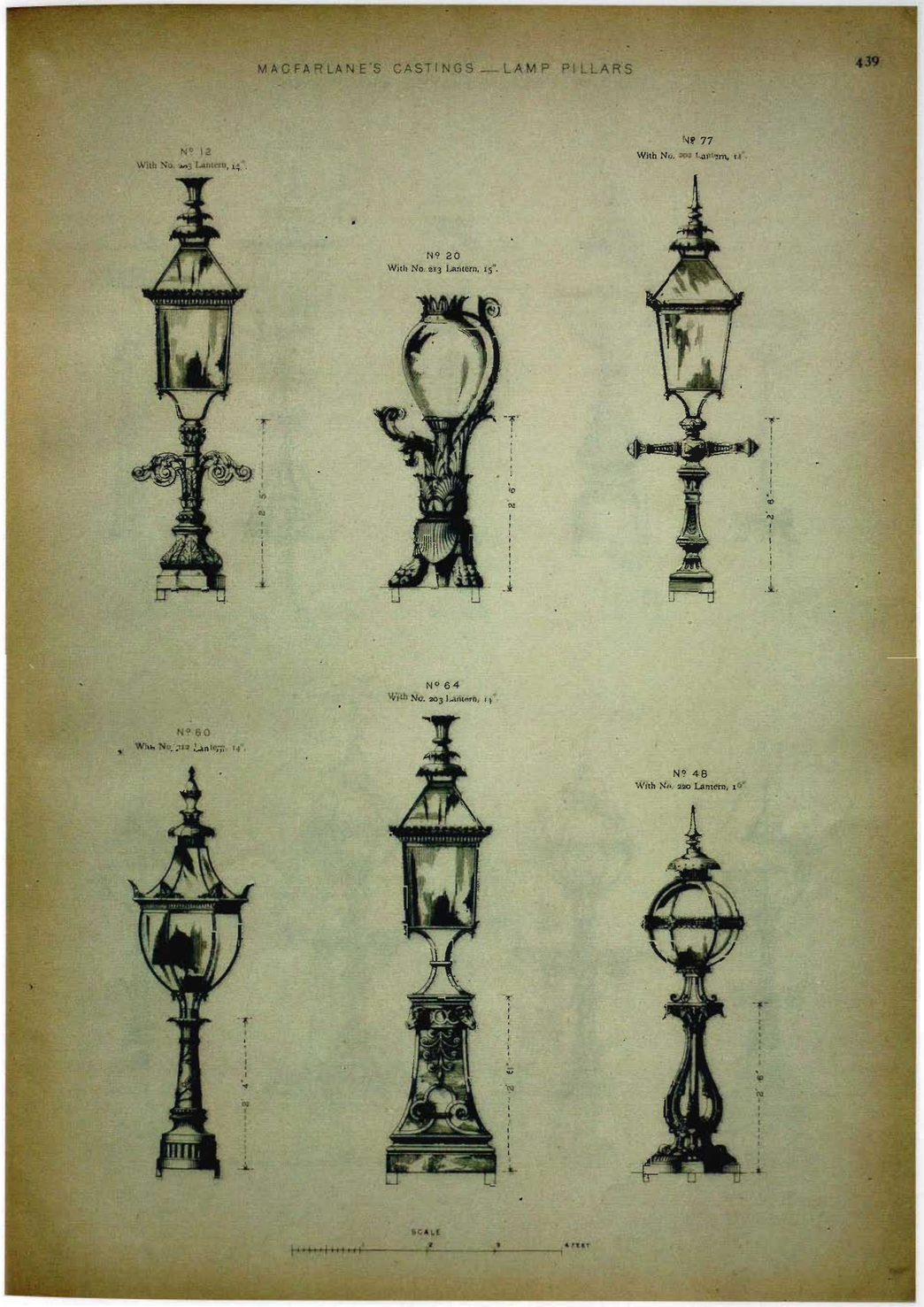
MACFARLANE'S CASTINGS — LAMP PILLARS



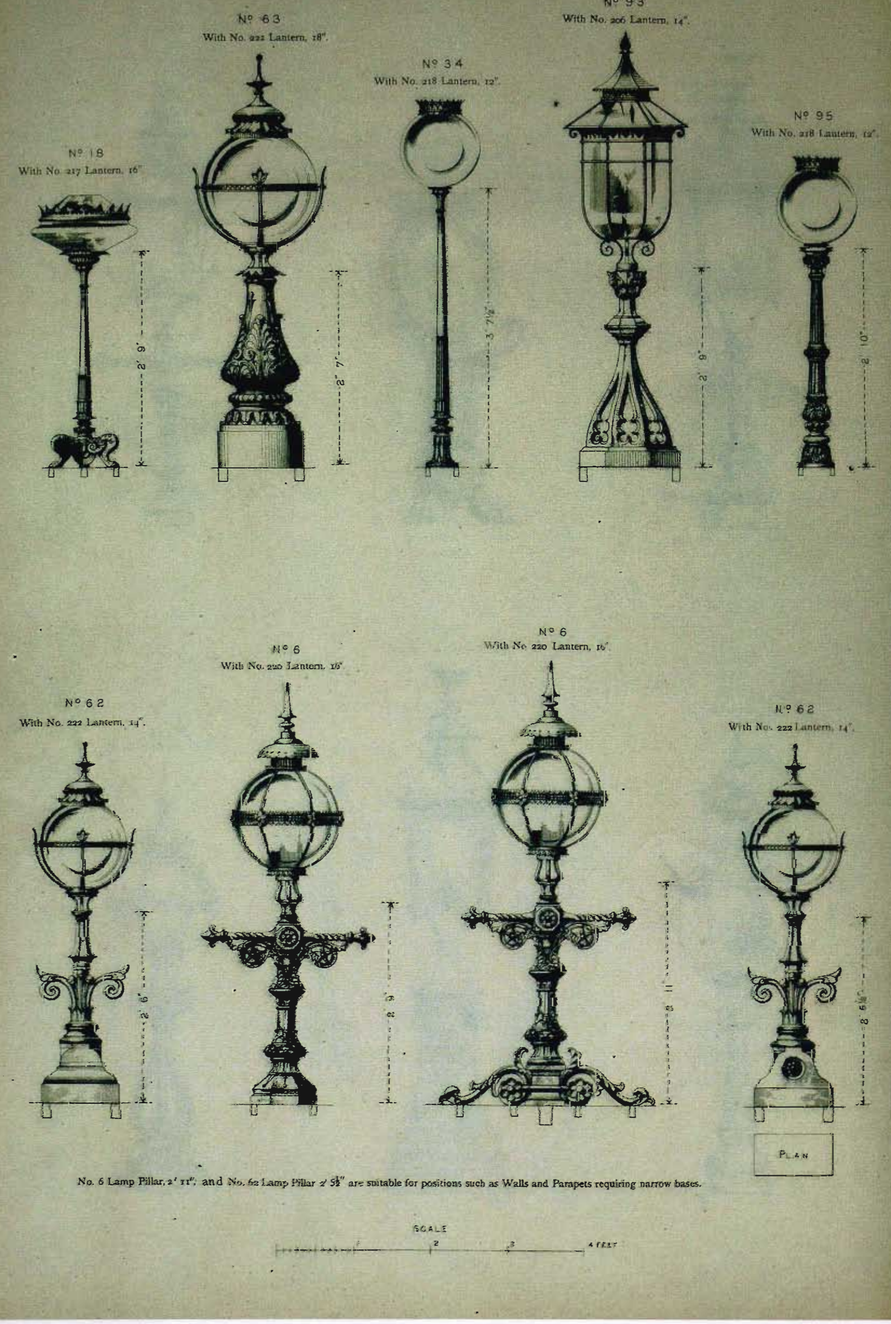
MACFARLANE'S CASTINGS — LAMP PILLARS



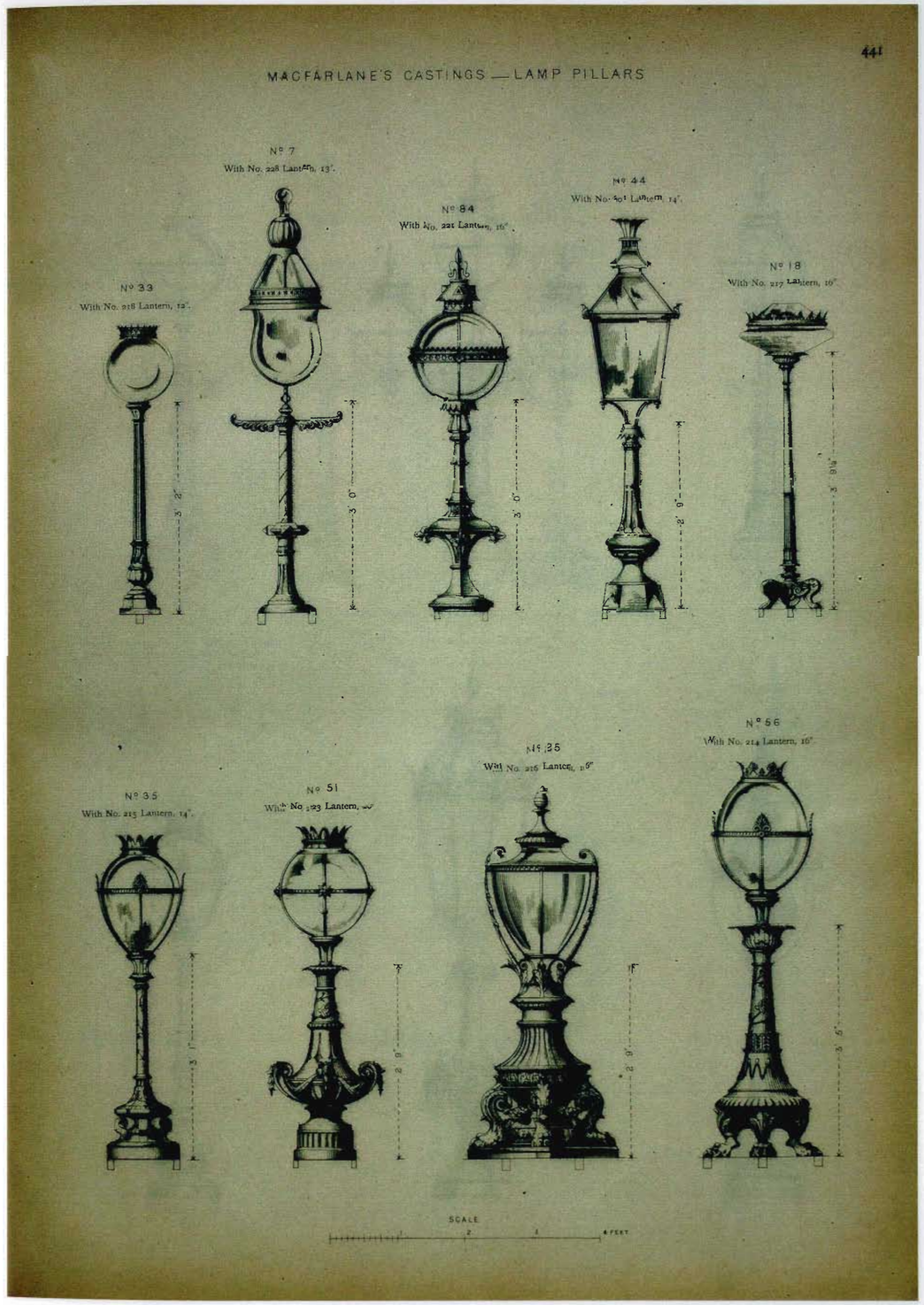
MACFARLANE'S CASTINGS — LAMP PILLARS



MACFARLANE'S CASTINGS — LAMP PILLARS



MACFARLANE'S CASTINGS — LAMP PILLARS

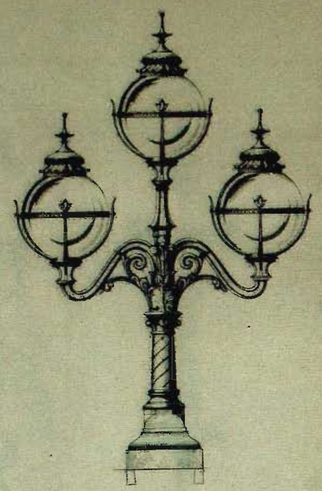


MACFARLANE'S CASTINGS — LAMP PILLARS

Nº 62
With No. 222 Lantern, 14".



Nº 62
With No. 222 Lantern, 14".



Nº 62
With No. 222 Lantern, 14".



PLAN

No. 62 Lamp Pillar 3'5½" is suitable for positions such as Walls and Parapets requiring narrow bases.

Nº 88
With No. 210 Lantern, 20".



Nº 60
With No. 212 Lantern, 14".



Nº 35
With No. 215 Lantern, 14".



SCALE 1 2 3 4 FEET

MACFARLANE'S CASTINGS — LAMP PILLARS

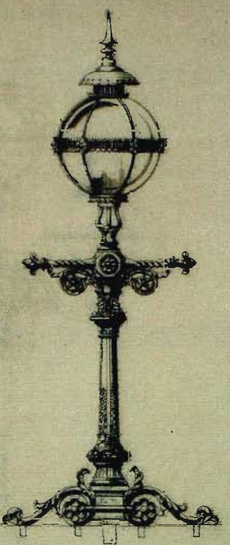
Nº 16
With No. 222 Lantern, 16".



Nº 6
With No. 220 Lantern, 16".



Nº 6
With No. 220 Lantern, 16".



Nº 44
With No. 201 Lantern, 14".



No. 6 Lamp Pillar, 3' 11", is suitable for positions such as Walls and Parapets requiring narrow bases.

Nº 43
With No. 229 Lantern, 16".



Nº 43
With No. 229 Lantern, 14" and 16".

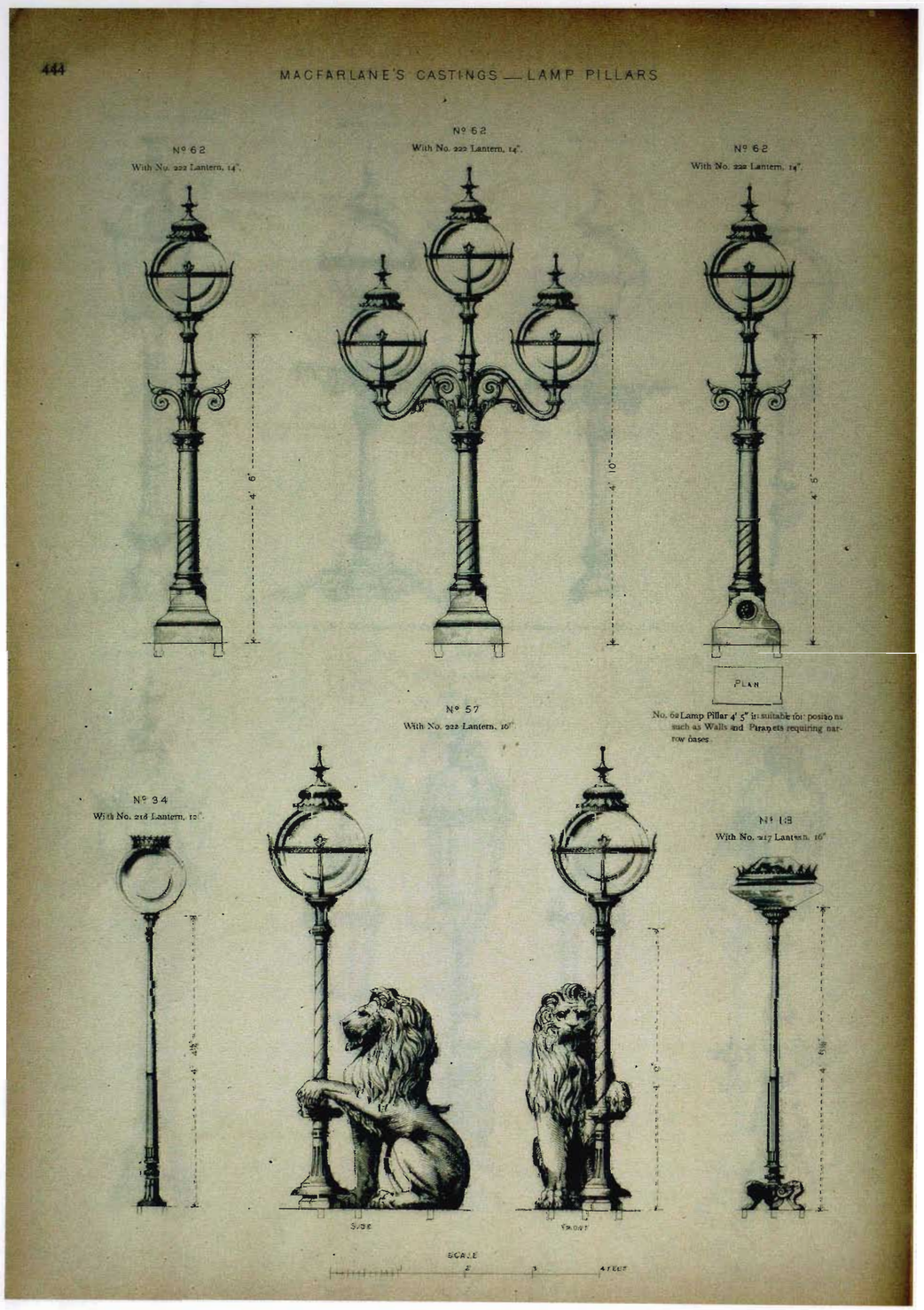


Nº 60
With No. 212 Lantern, 14".

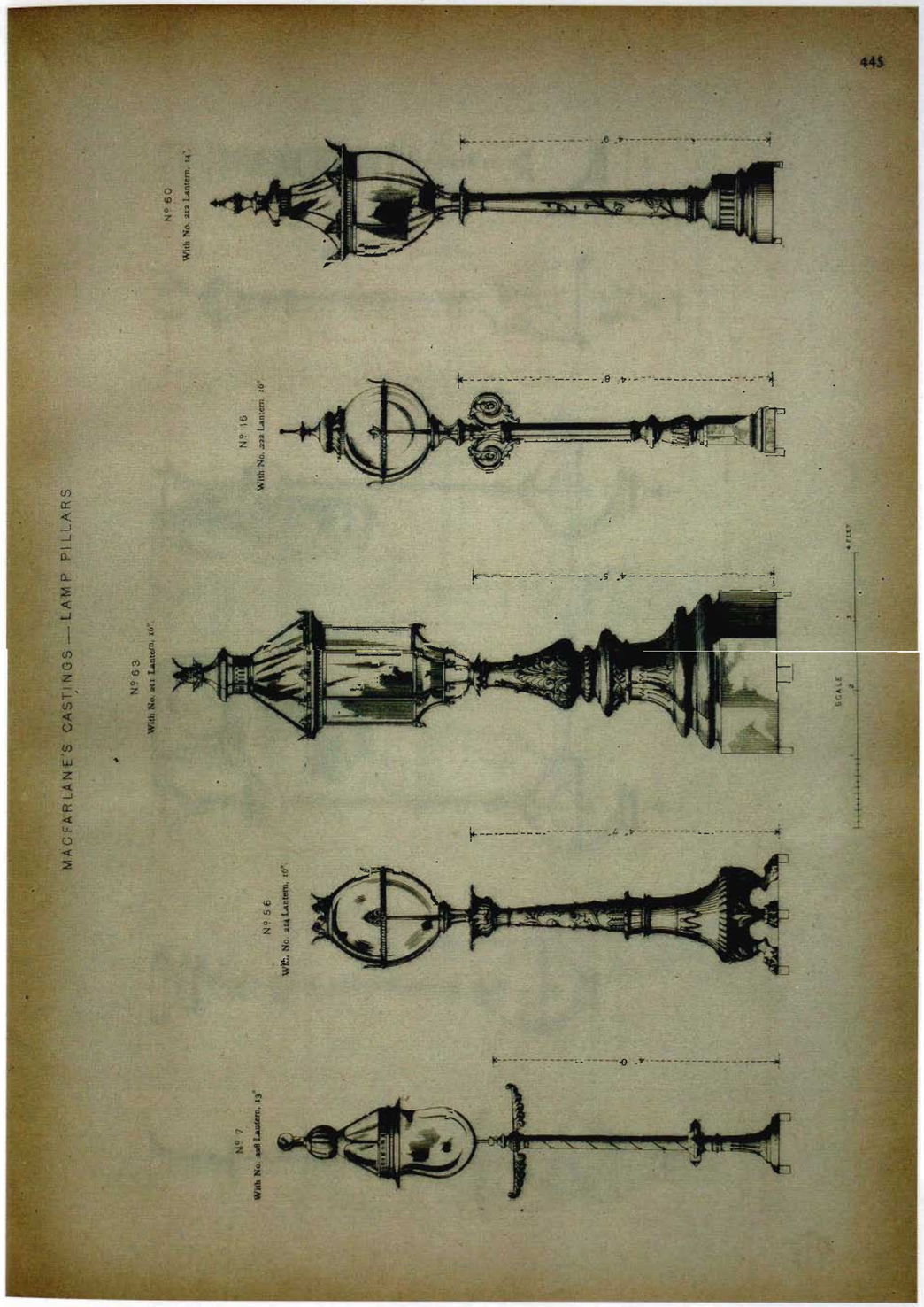


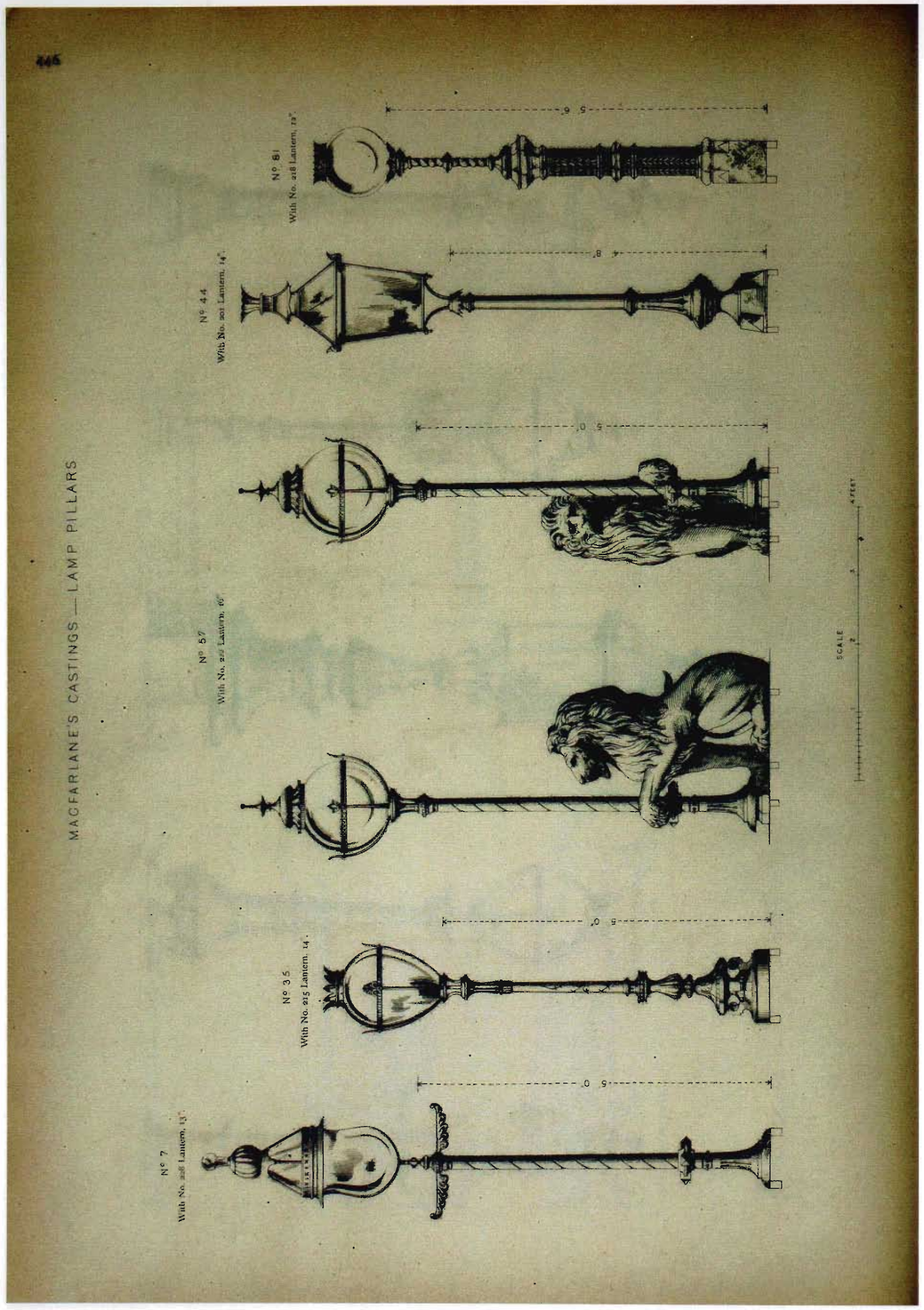
SCALE 1 2 3 4 FEET

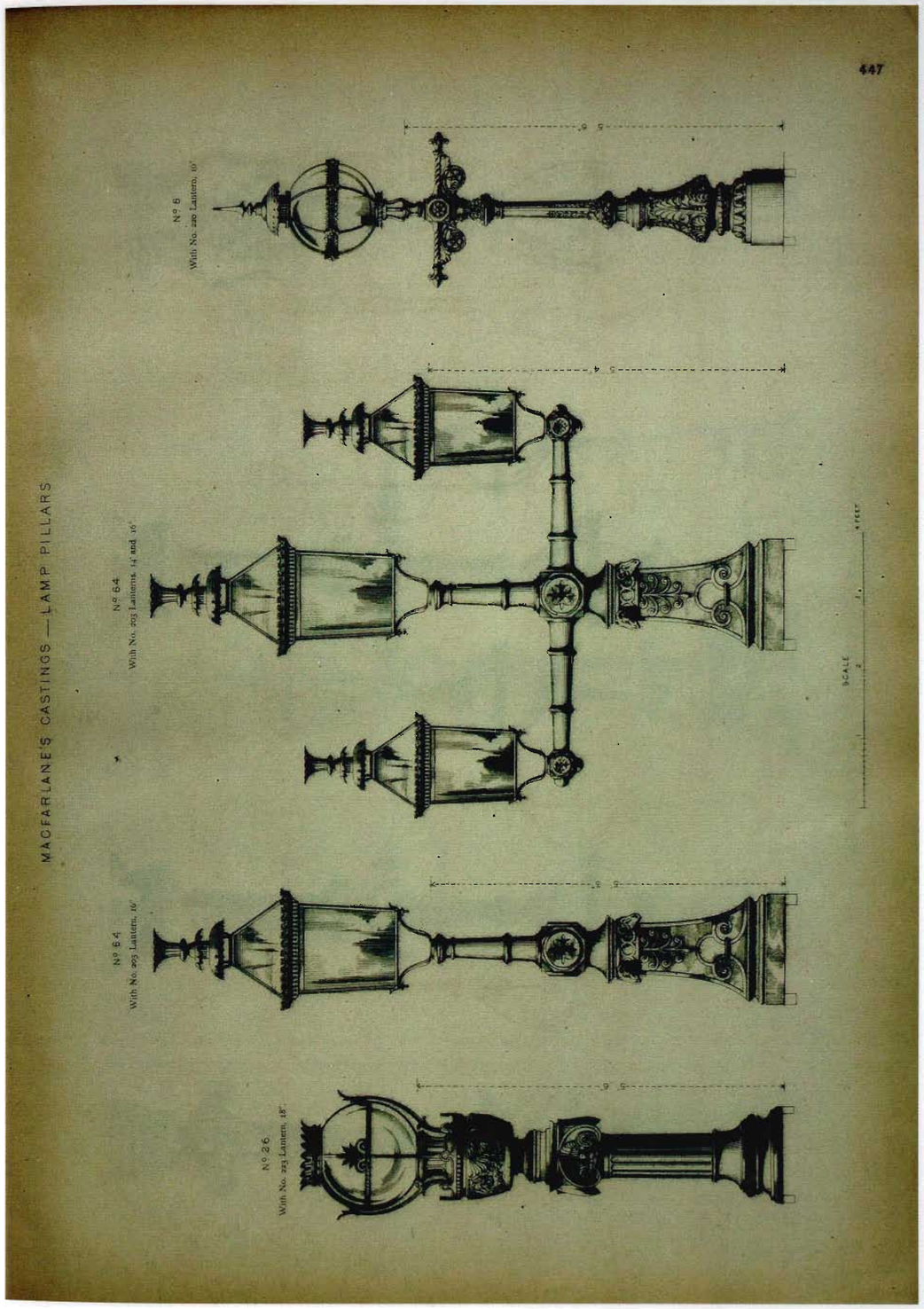
MACFARLANE'S CASTINGS — LAMP PILLARS

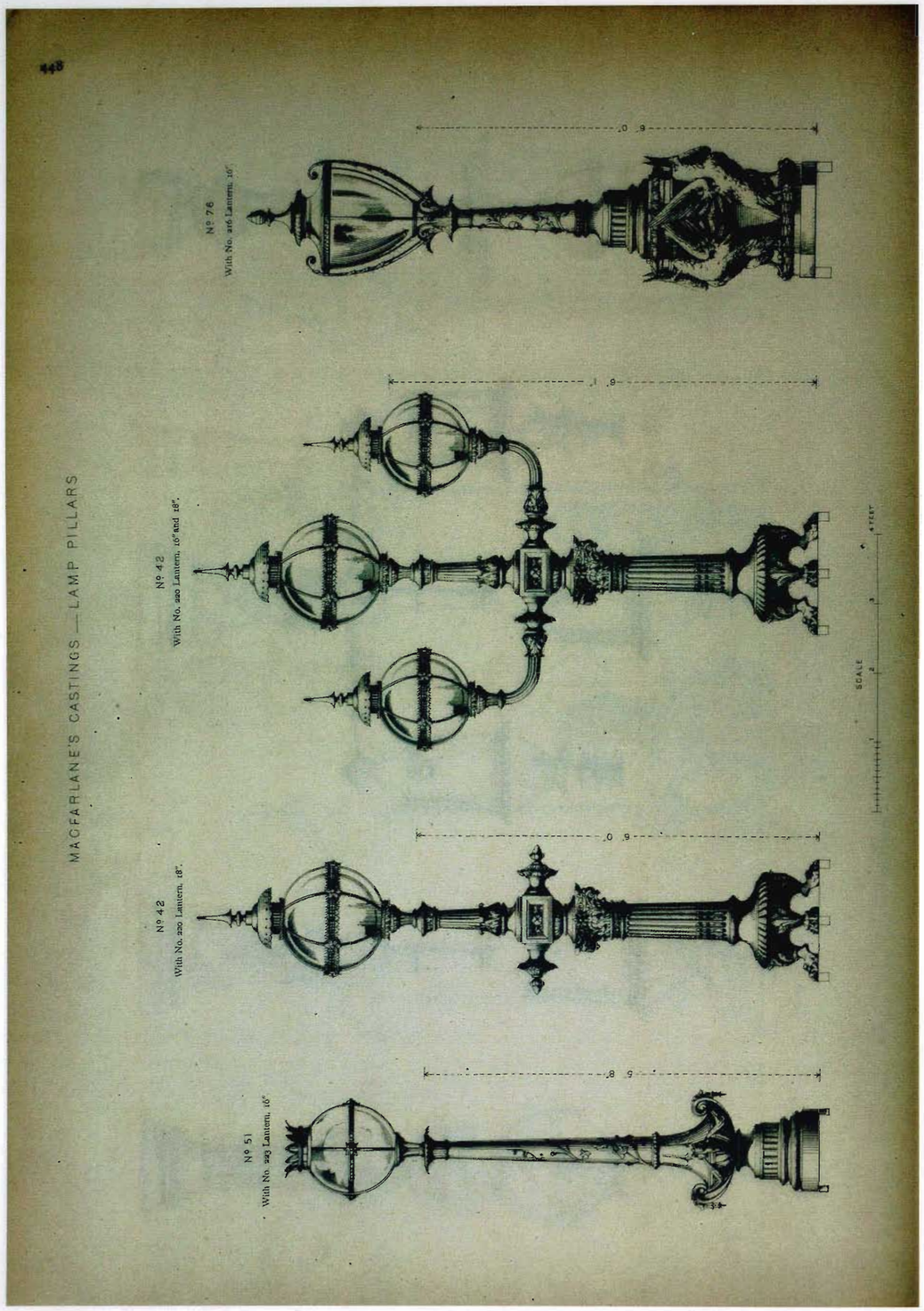


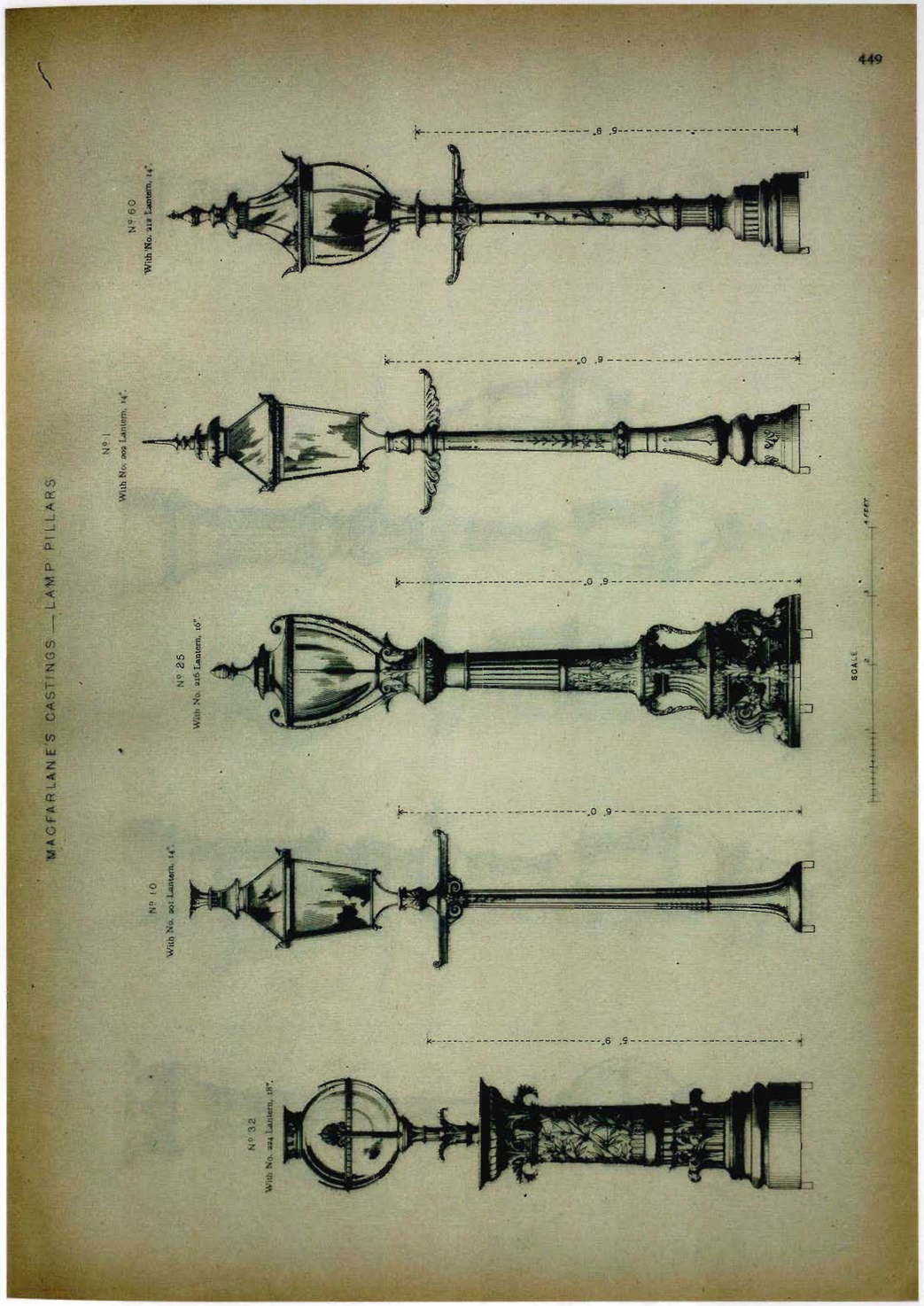
MACFARLANE'S CASTINGS — LAMP PILLARS

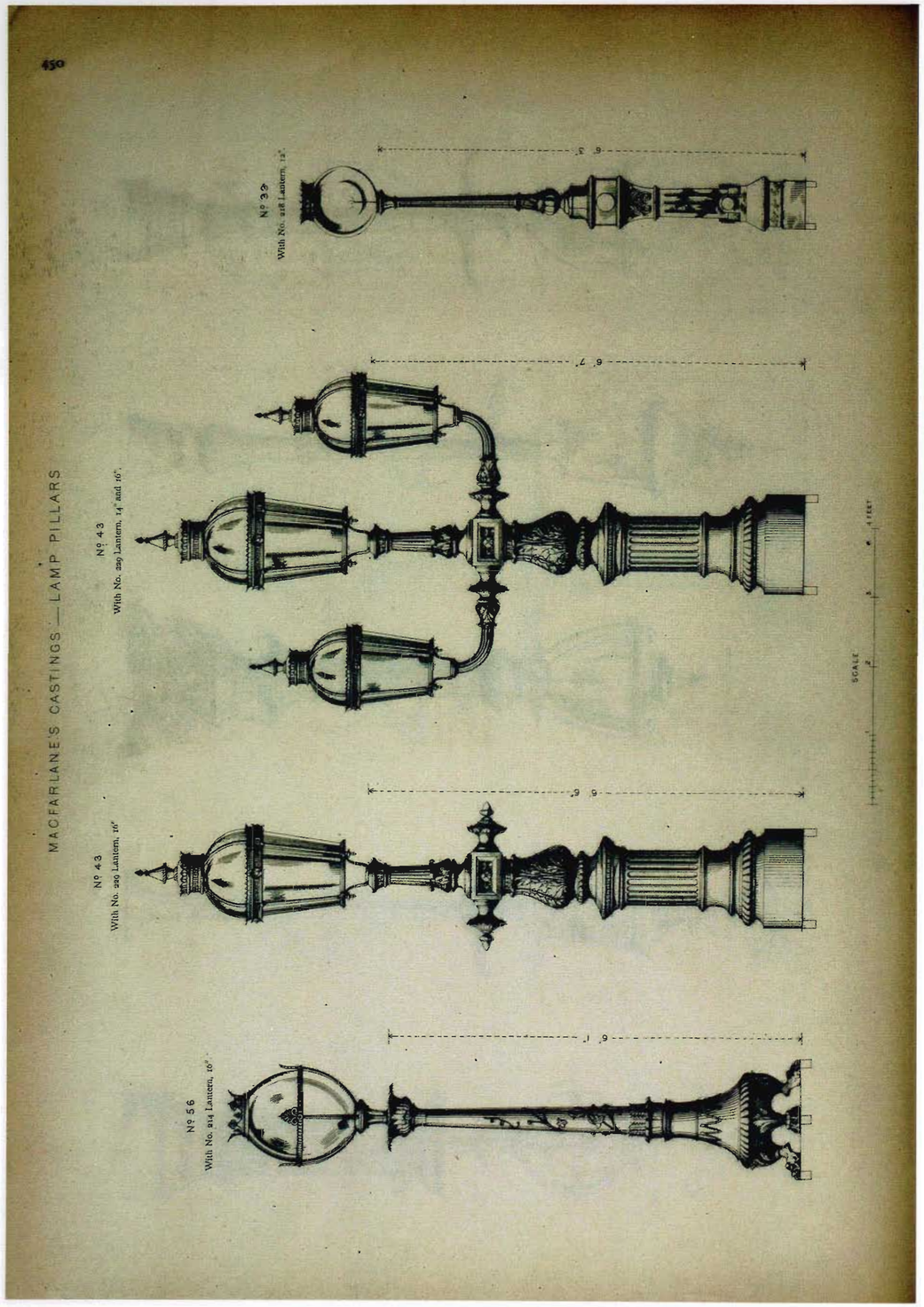


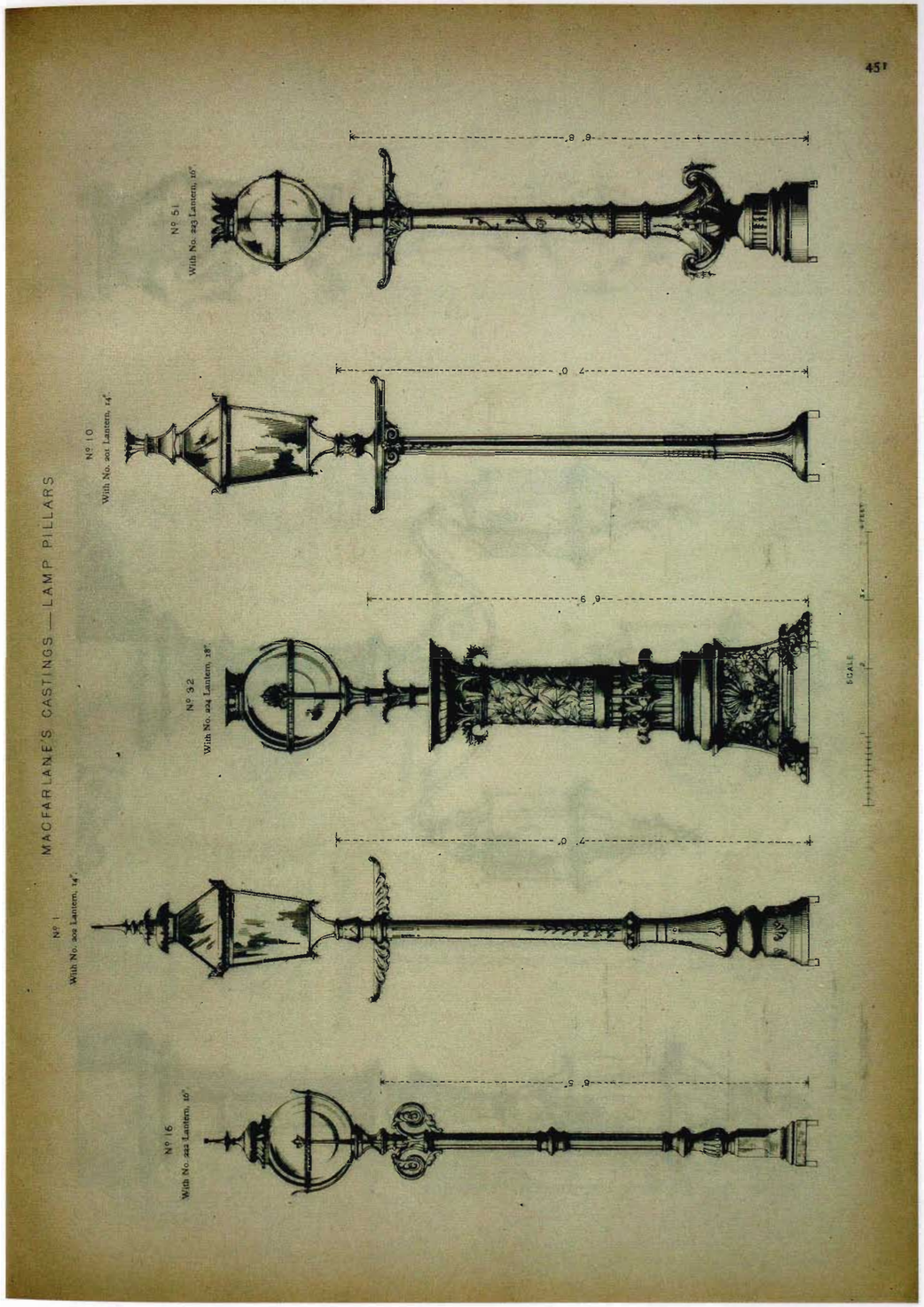

446
MACFARLANE'S CASTINGS — LAMP PILLARS
No 61
With No. 218 Lantern, 12".
No 44
With No. 201 Lantern, 14".
No 57
With No. 206 Lantern, 16".
No 35
With No. 215 Lantern, 14".
No 7
With No. 208 Lantern, 13".
SCALE
4 FEET

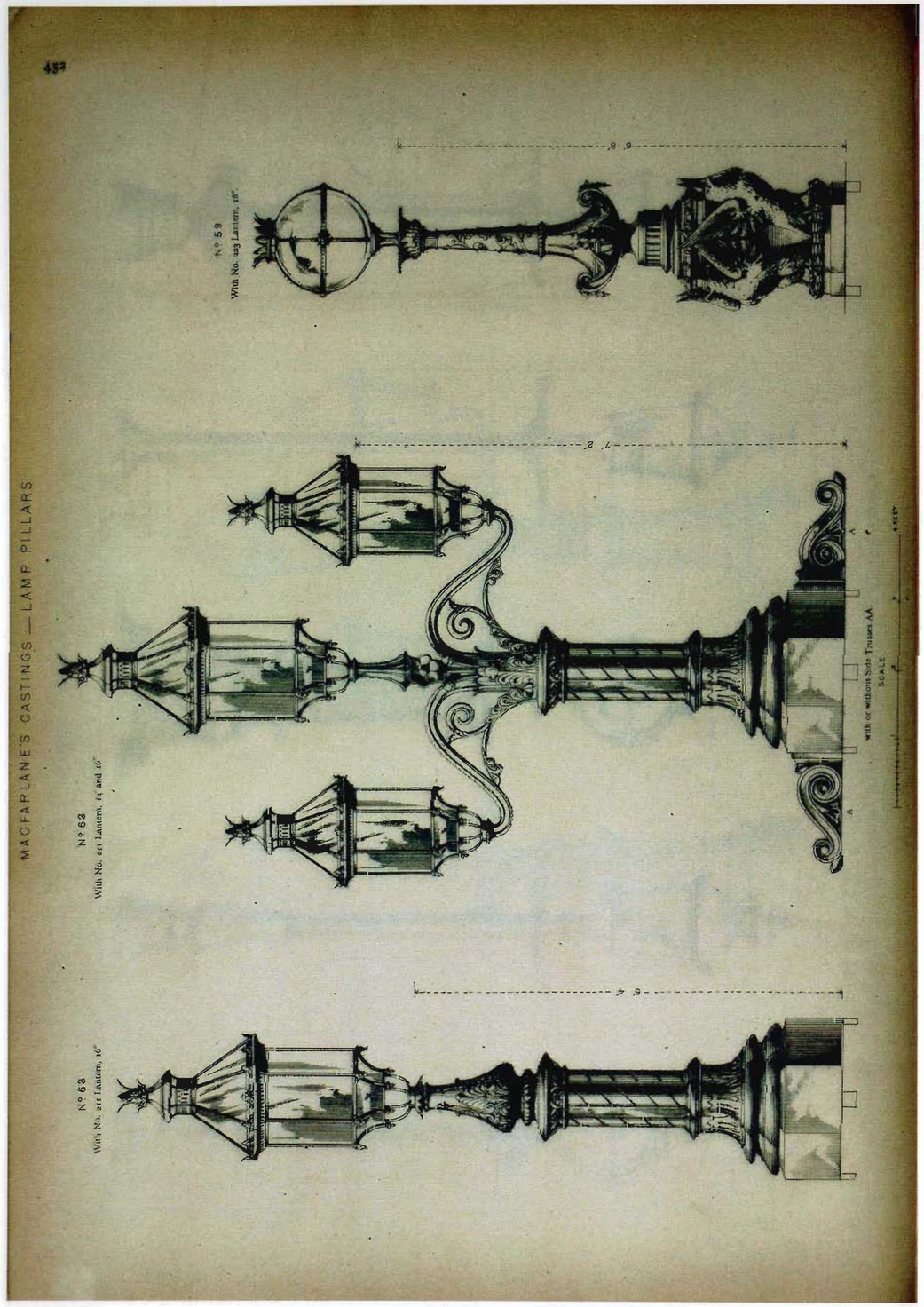

447
MACFARLANE'S CASTINGS — LAMP PILLARS
No 6
With No. 220 Lantern, 16".
No 64
With No. 203 Lanterns, 14' and 16'.
No 64
With No. 203 Lantern, 16'.
No 26
With No. 223 Lantern, 18".
SCALE
4 FEET

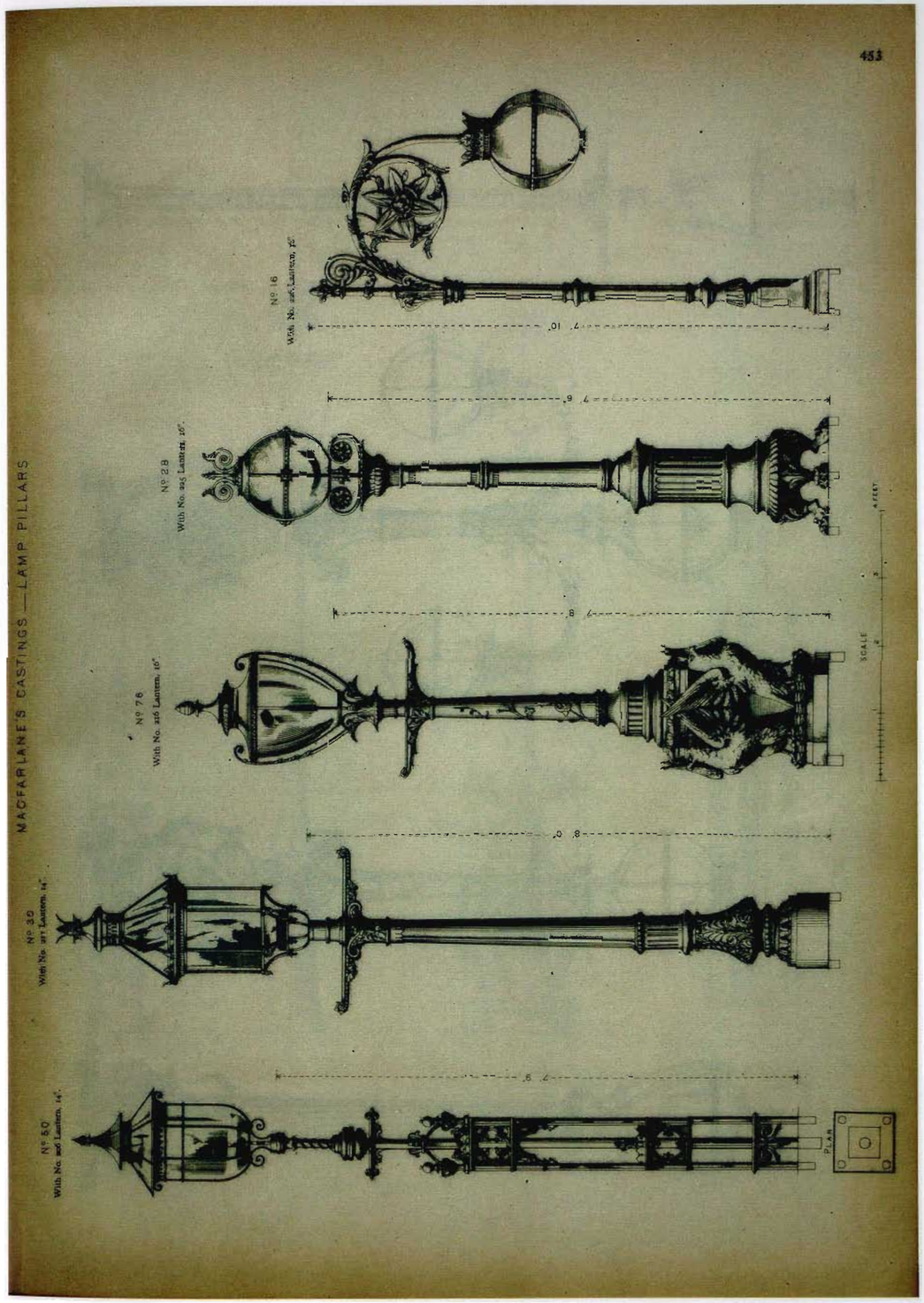

448
MACFARLANE'S CASTINGS — LAMP PILLARS
Nº 76
With No. 216 Lantern, 16".
Nº 42
With No. 220 Lantern, 16" and 18".
Nº 42
With No. 220 Lantern, 18".
Nº 51
With No. 229 Lantern, 16".
SCALE
1 FEET

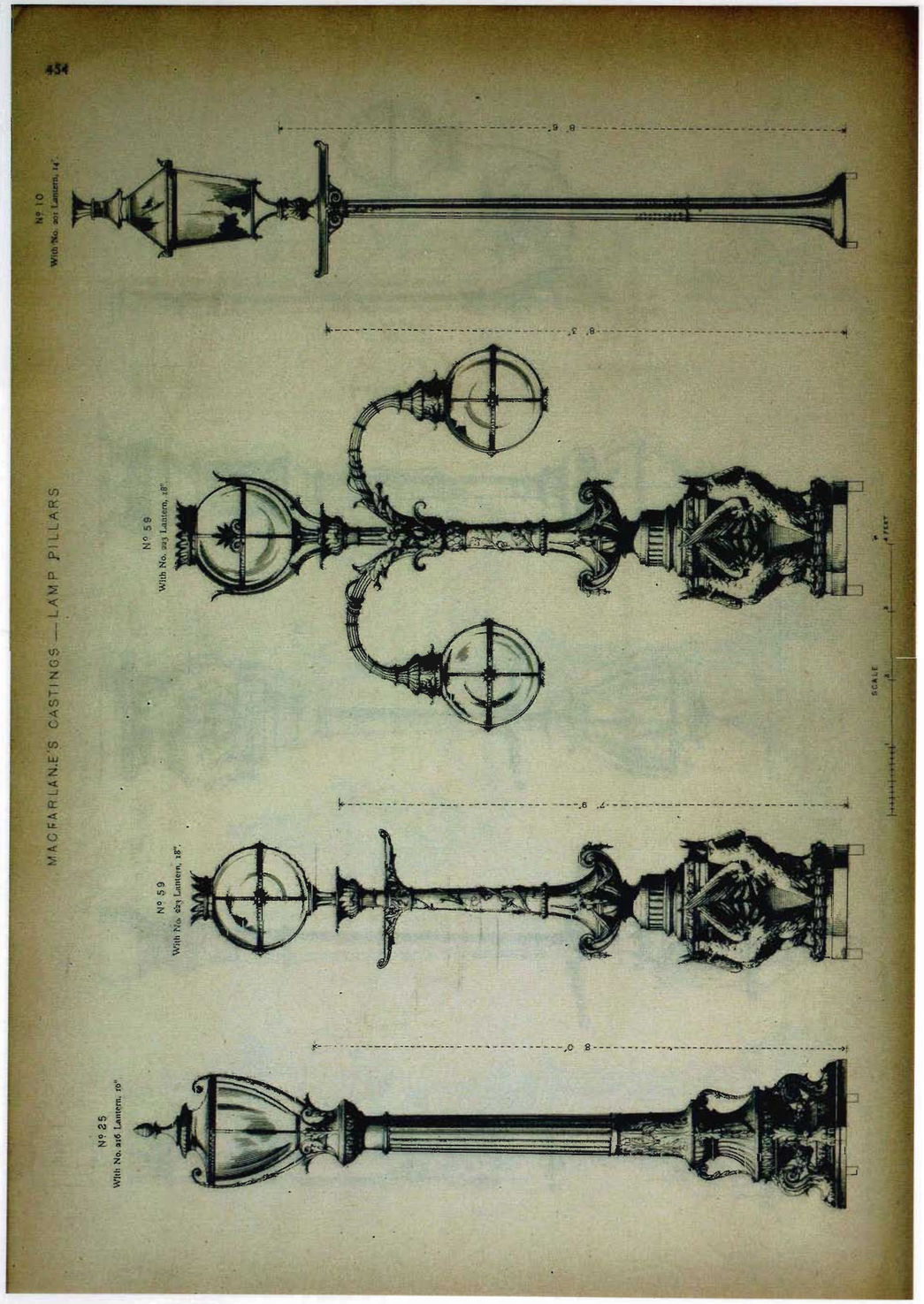

449
MACFARLANE'S CASTINGS — LAMP PILLARS
Nº 60
With No. 212 Lantern, 14".
Nº 1
With No. 202 Lantern, 14".
Nº 25
With No. 216 Lantern, 16".
Nº 10
With No. 201 Lantern, 14".
Nº 32
With No. 224 Lantern, 18".
SCALE
1 FEET

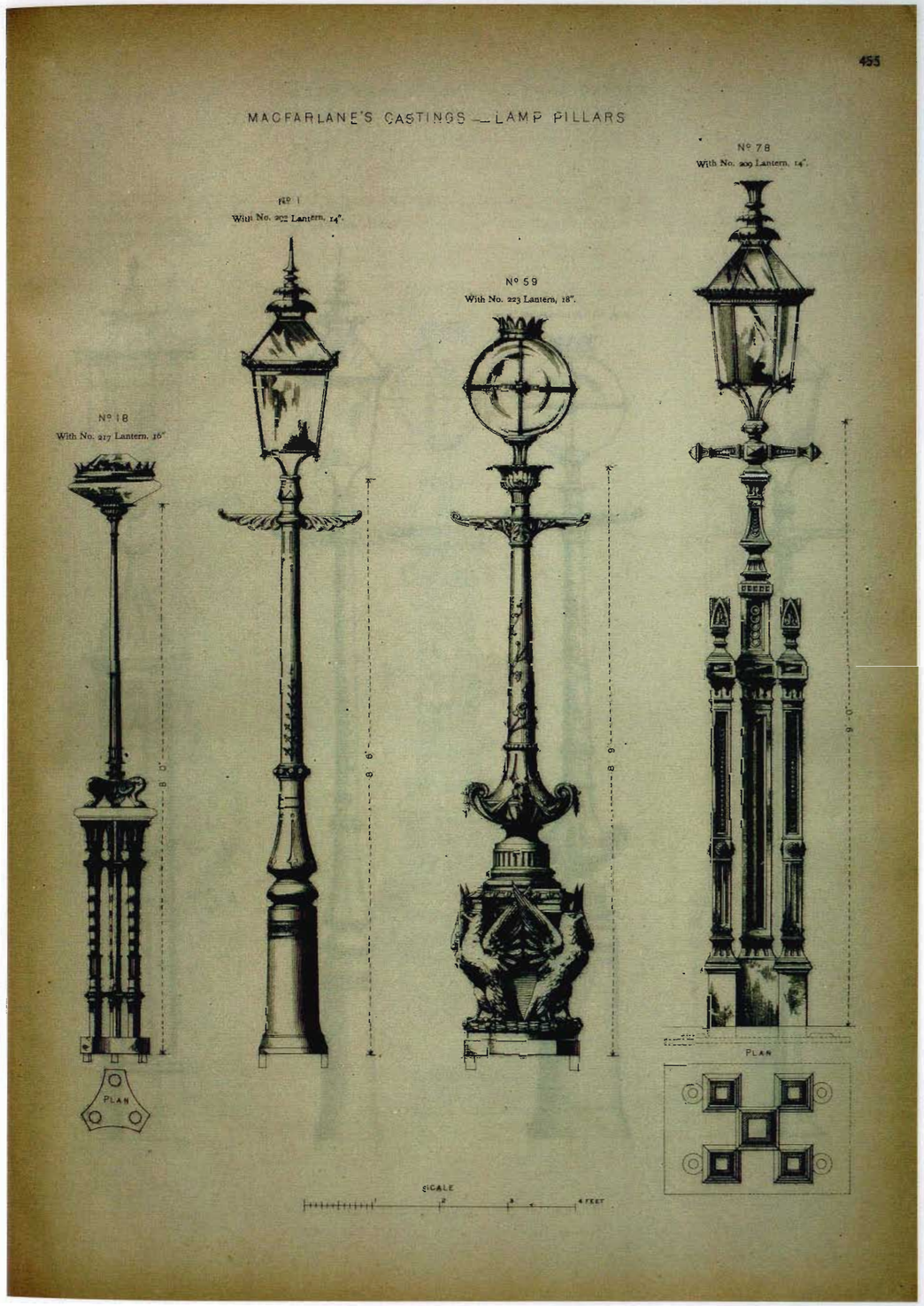

450
MACFARLANE'S CASTINGS — LAMP PILLARS
Nº 39
With No. 218 Lantern, 12".
Nº 43
With No. 229 Lantern, 14" and 16".
Nº 43
With No. 230 Lantern, 16".
Nº 56
With No. 214 Lantern, 16".
SCALE
FEET


451
MACFARLANE'S CASTINGS — LAMP PILLARS
Nº 51
With No. 249 Lantern, 16".
Nº 10
With No. 201 Lantern, 14".
Nº 32
With No. 224 Lantern, 18".
Nº 1
With No. 202 Lantern, 14".
Nº 16
With No. 222 Lantern, 16".
SCALE
FEET


452
MACFARLANE'S CASTINGS — LAMP PILLARS
No 59
With No. 29g Lantern, 28".
8' 9"
No 63
With No. 21f Lantern, 14 and 16"
7' 2"
with or without Side Trusses AA.
SCALE
4 FEET
No 68
With No. 21f Lantern, 16"
7' 9"

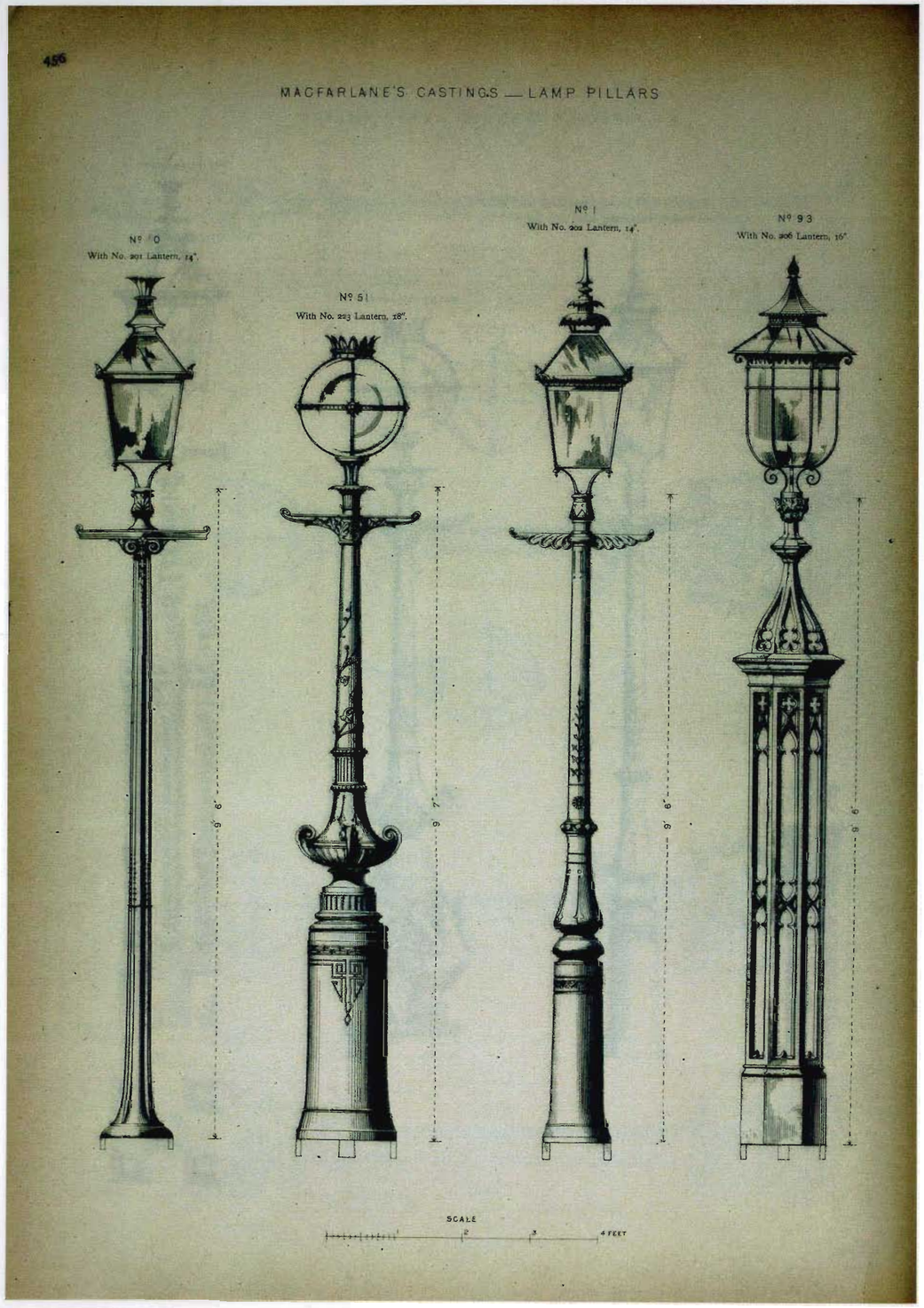

453
MACFARLANE'S CASTINGS — LAMP PILLARS
No 16
With No. 21f. Lantern, 16"
10' 7"
No 28
With No. 29g. Lantern, 28".
7' 6"
No 76
With No. 21f Lantern, 16".
8' 7"
No 30
With No. 21f Lantern, 14".
8' 0"
No 50
With No. 21f Lantern, 14".
6' 7"
PLAN
SCALE
4 FEET


454
MACFARLANE'S CASTINGS — LAMP PILLARS
Nº 10
With No. 201 Lantern, 14".
9' 8"
Nº 59
With No. 223 Lantern, 18".
8' 3"
SCALE
Nº 59
With No. 221 Lantern, 18".
8' 6"
Nº 25
With No. 216 Lantern, 16".
8' 0"


455
MACFARLANE'S CASTINGS — LAMP PILLARS
Nº 18
With No. 217 Lantern, 16"
8' 0"
PLAN
Nº 1
With No. 202 Lantern, 14".
8' 6"
Nº 59
With No. 223 Lantern, 18".
8' 9"
Nº 78
With No. 209 Lantern, 14".
9' 0"
PLAN
SCALE
1 2 3 4 FEET

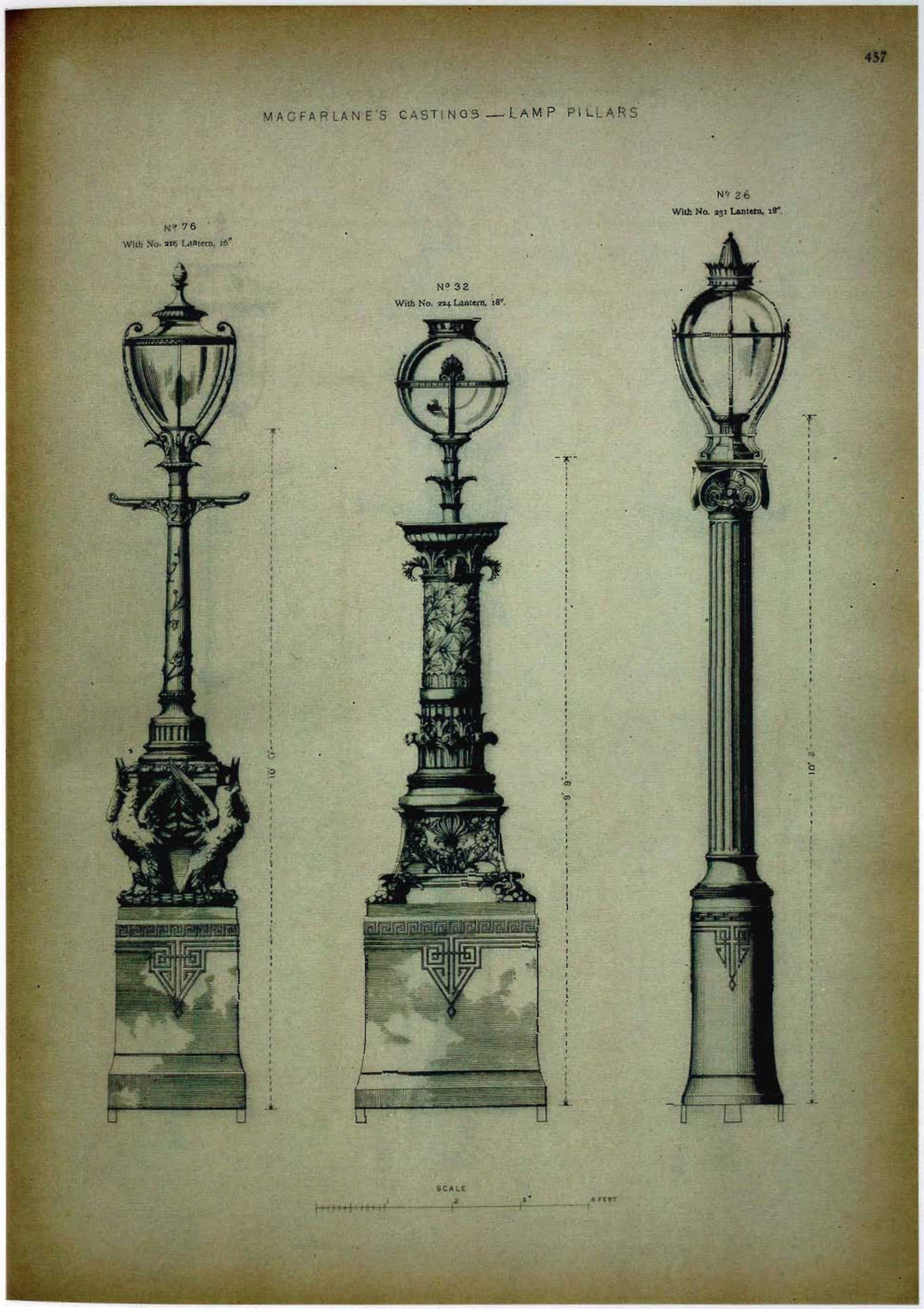
456

MACFARLANE'S CASTINGS — LAMP PILLARS

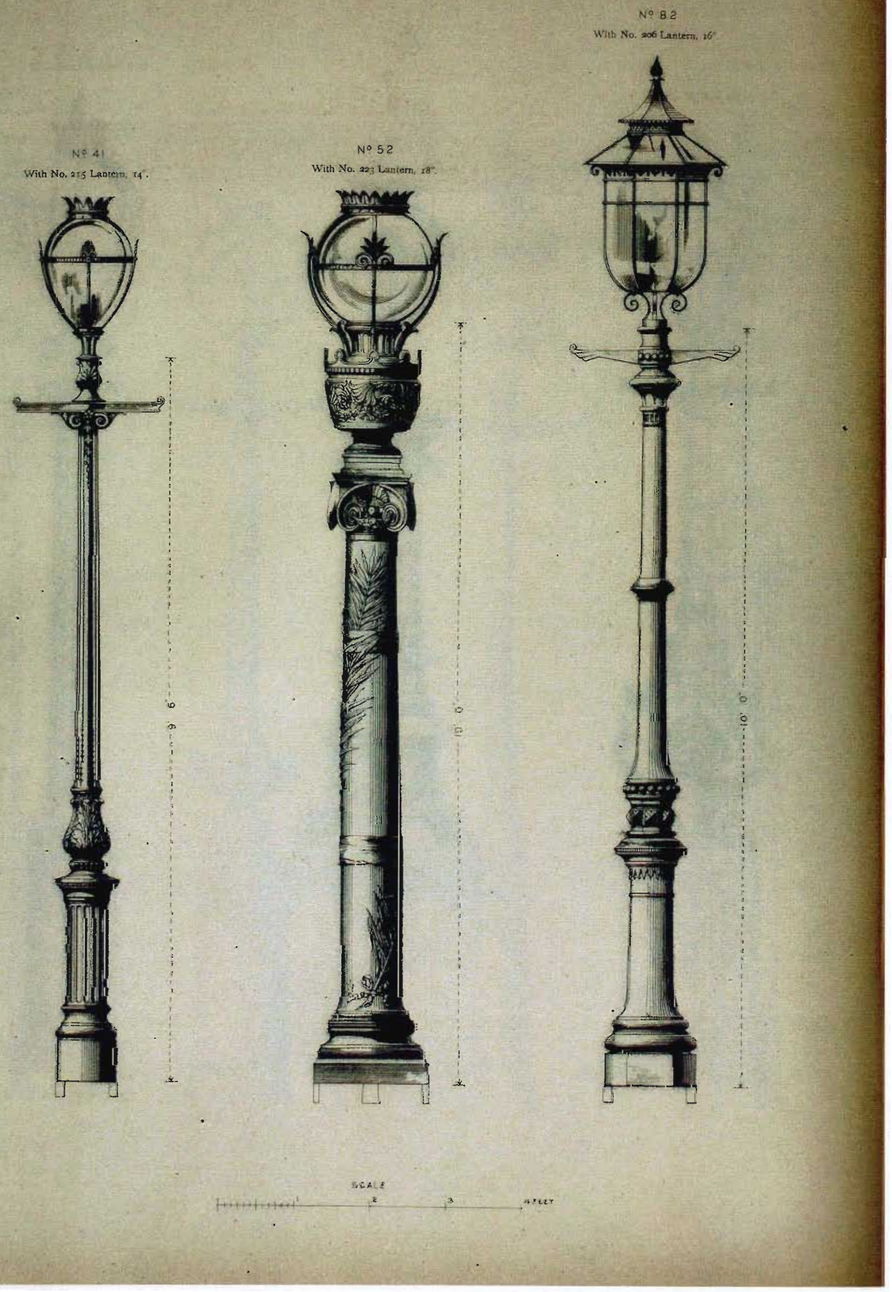


457

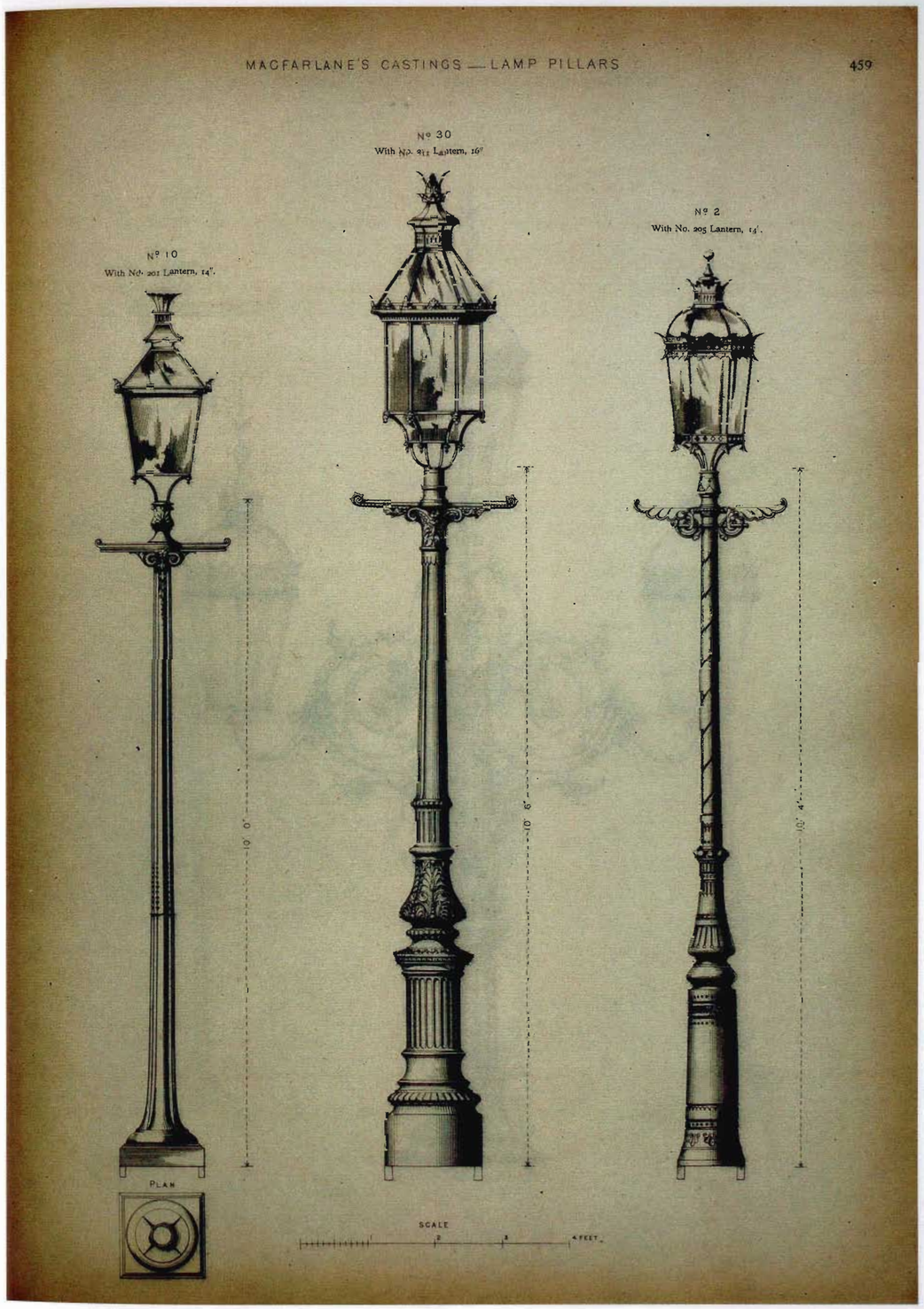
MACFARLANE'S CASTINGS — LAMP PILLARS

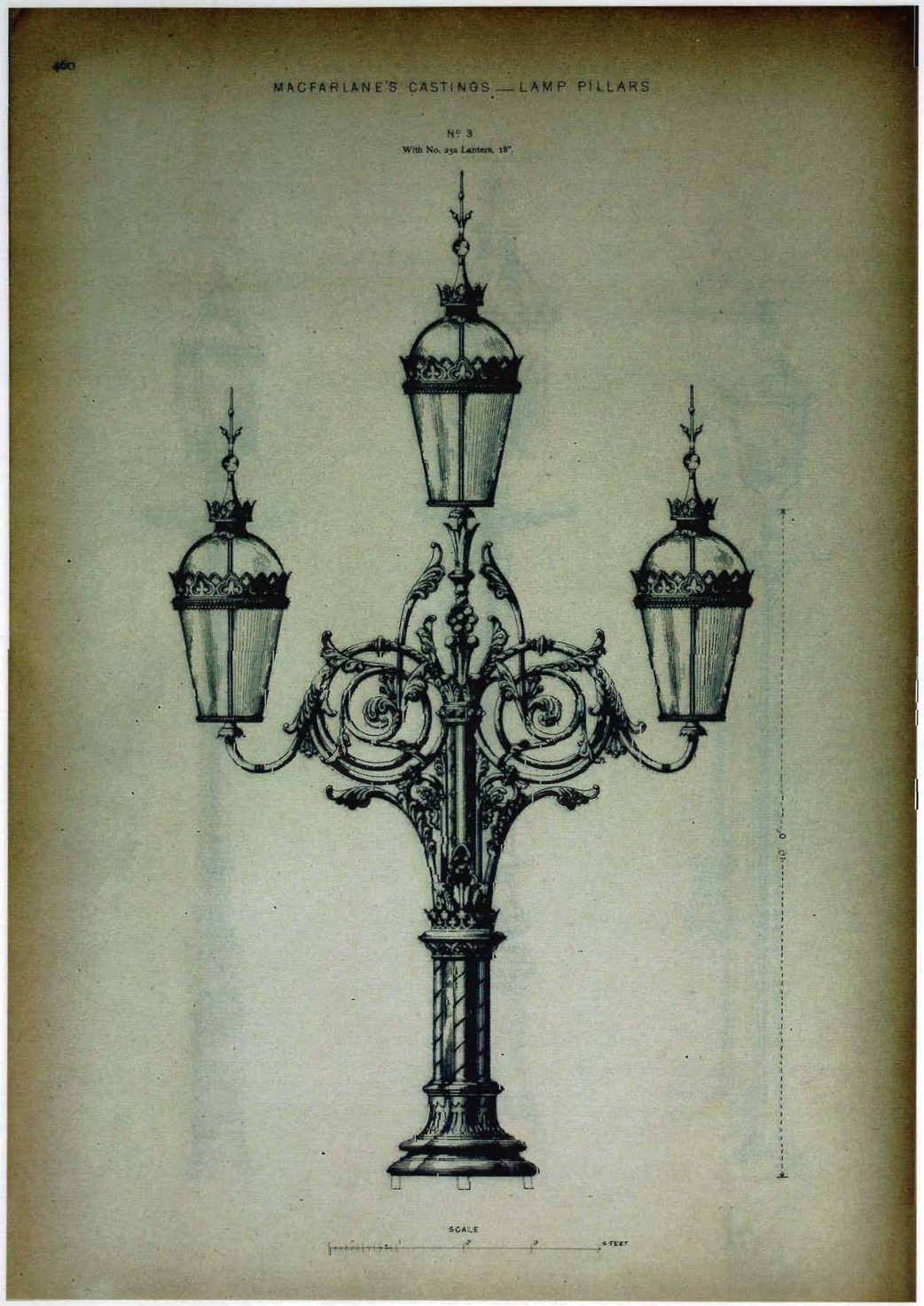


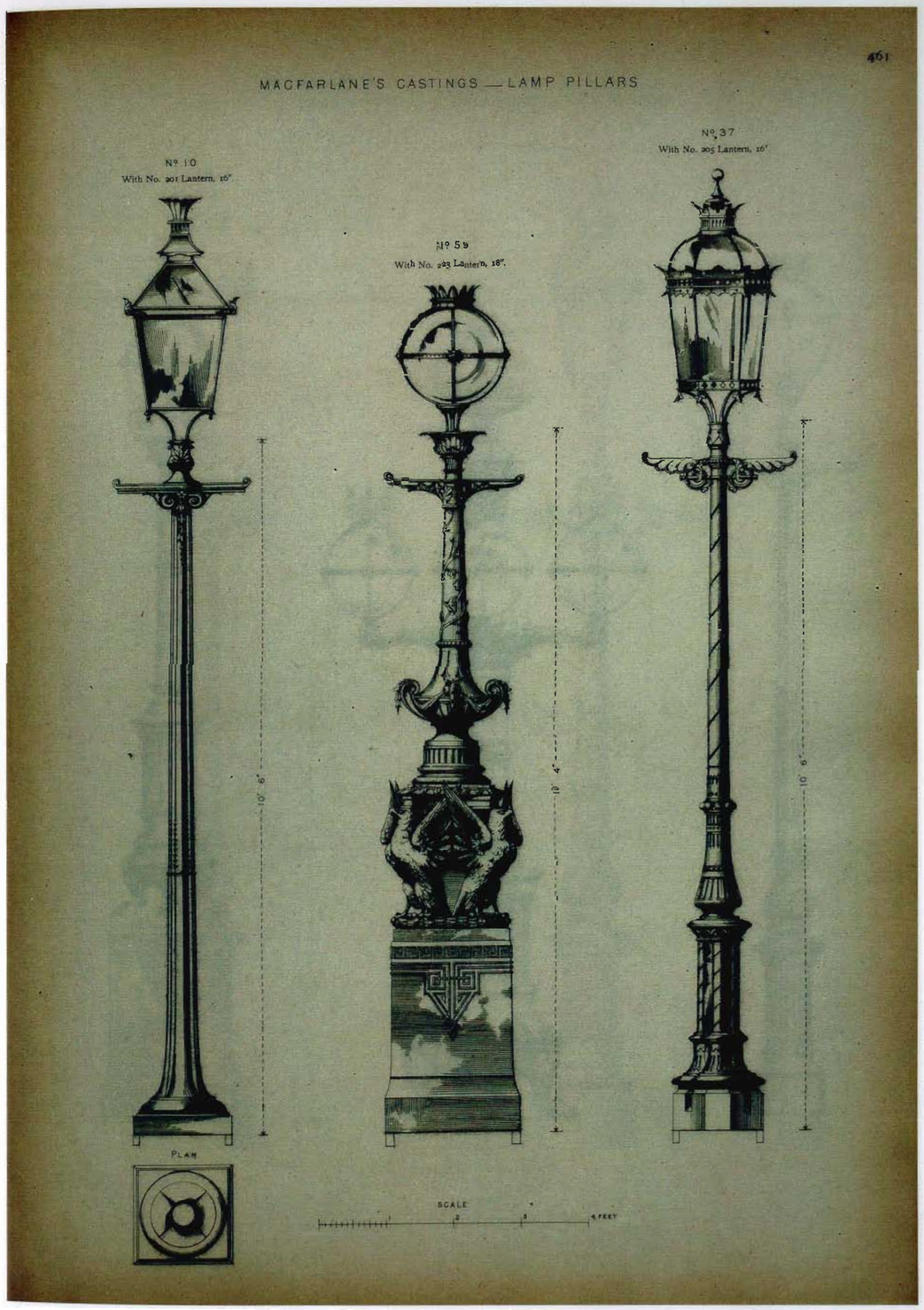
MACFARLANE'S CASTINGS — LAMP PILLARS

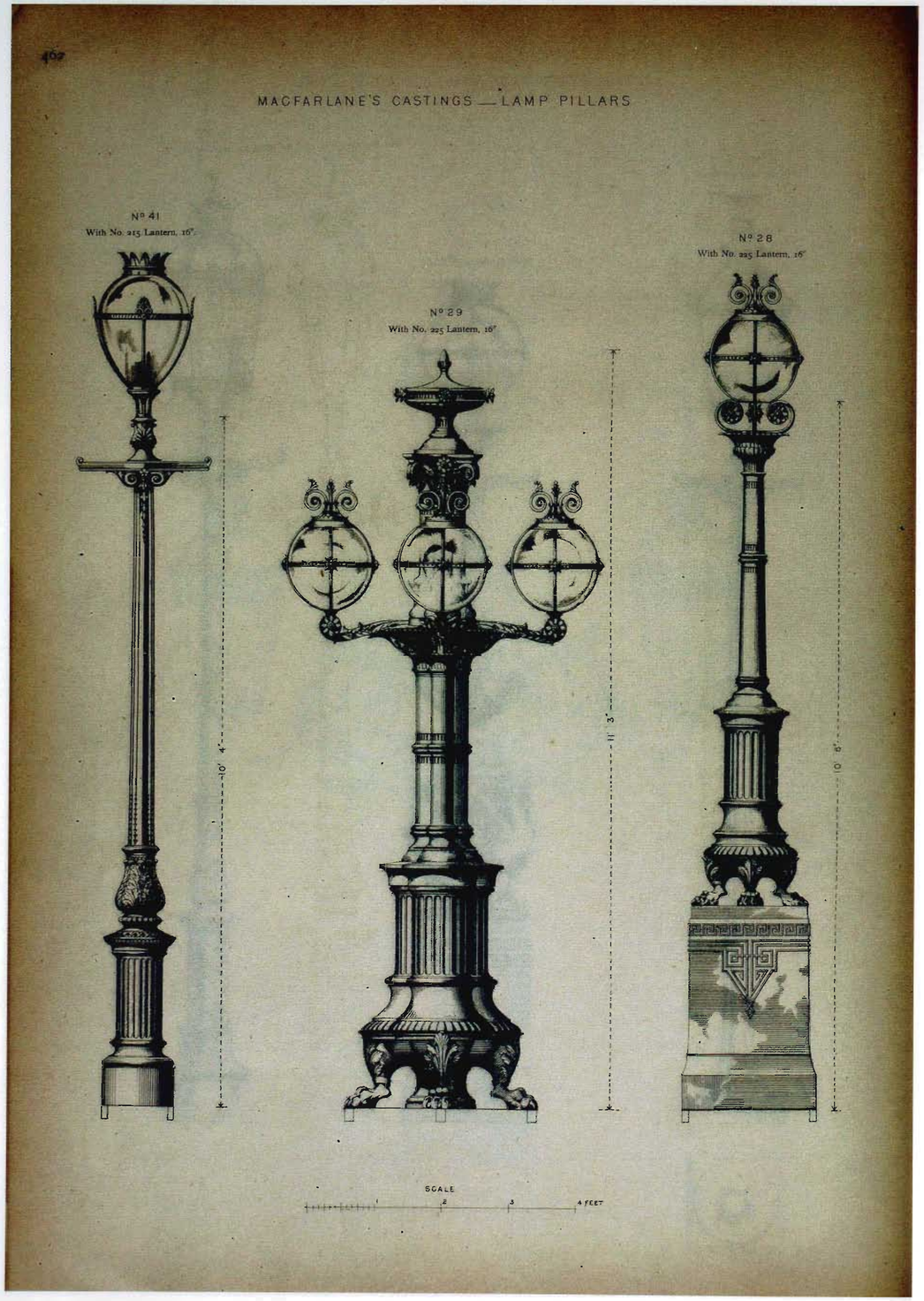


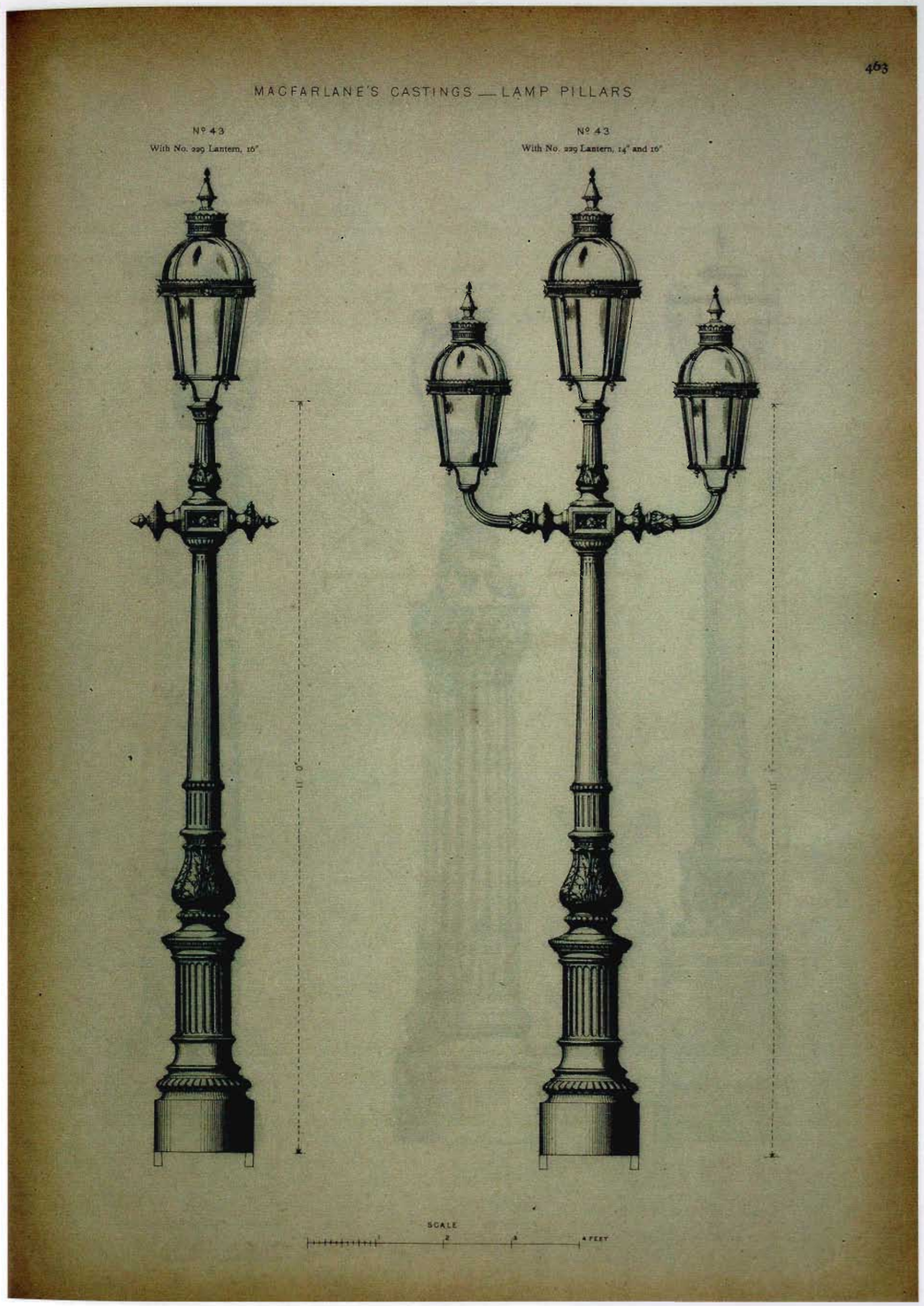
MACFARLANE'S CASTINGS — LAMP PILLARS

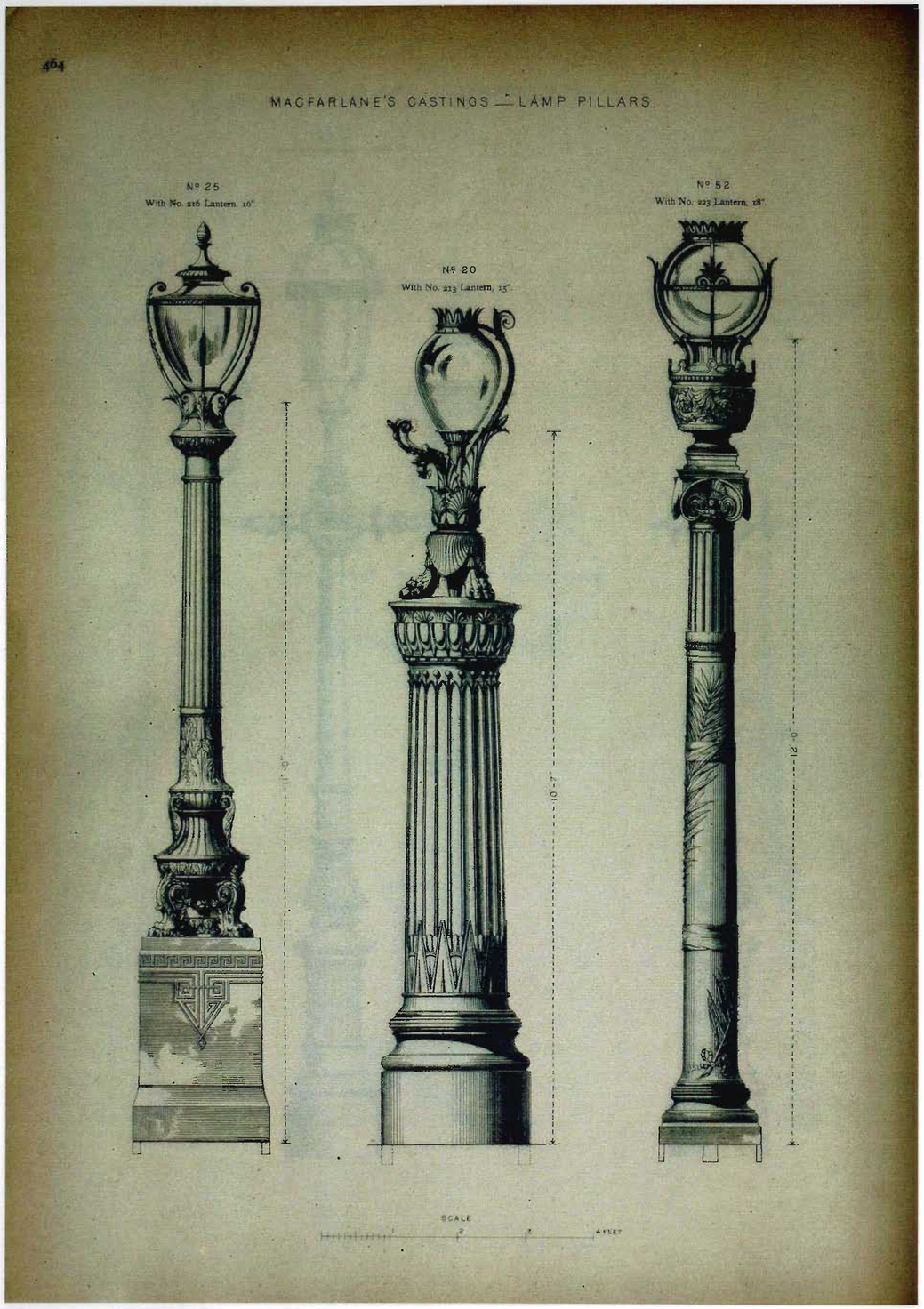


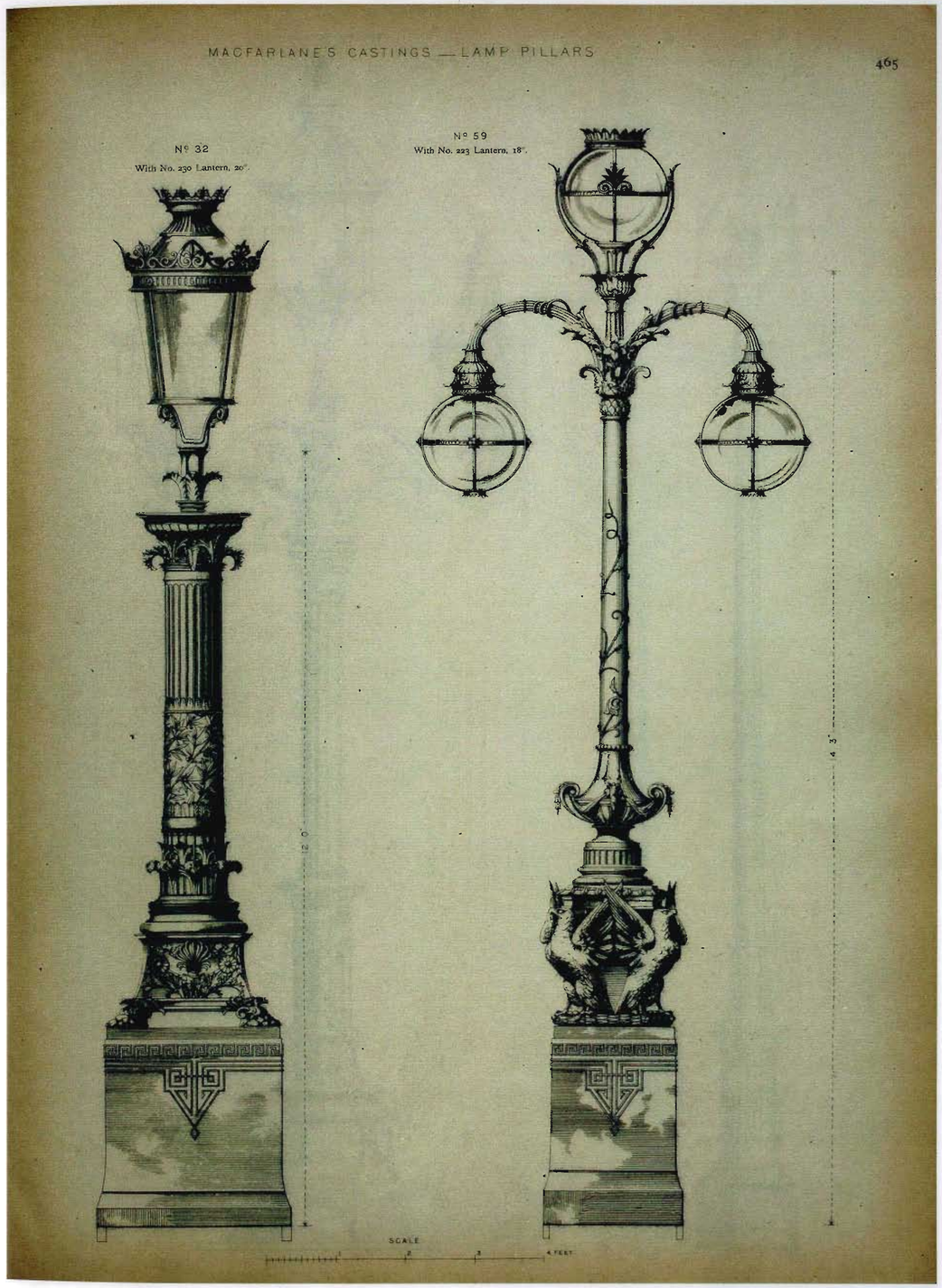

460
MACFARLANE'S CASTINGS — LAMP PILLARS
Nº 3
With No. 232 Lantern, 18".
10' 0"
SCALE
4 FEET


461
MACFARLANE'S CASTINGS — LAMP PILLARS
Nº 10
With No. 201 Lantern, 16".
Nº 59
With No. 223 Lantern, 18".
Nº 37
With No. 205 Lantern, 16'
10' 6"
10' 4"
10' 6"
PLAN
SCALE
4 FEET

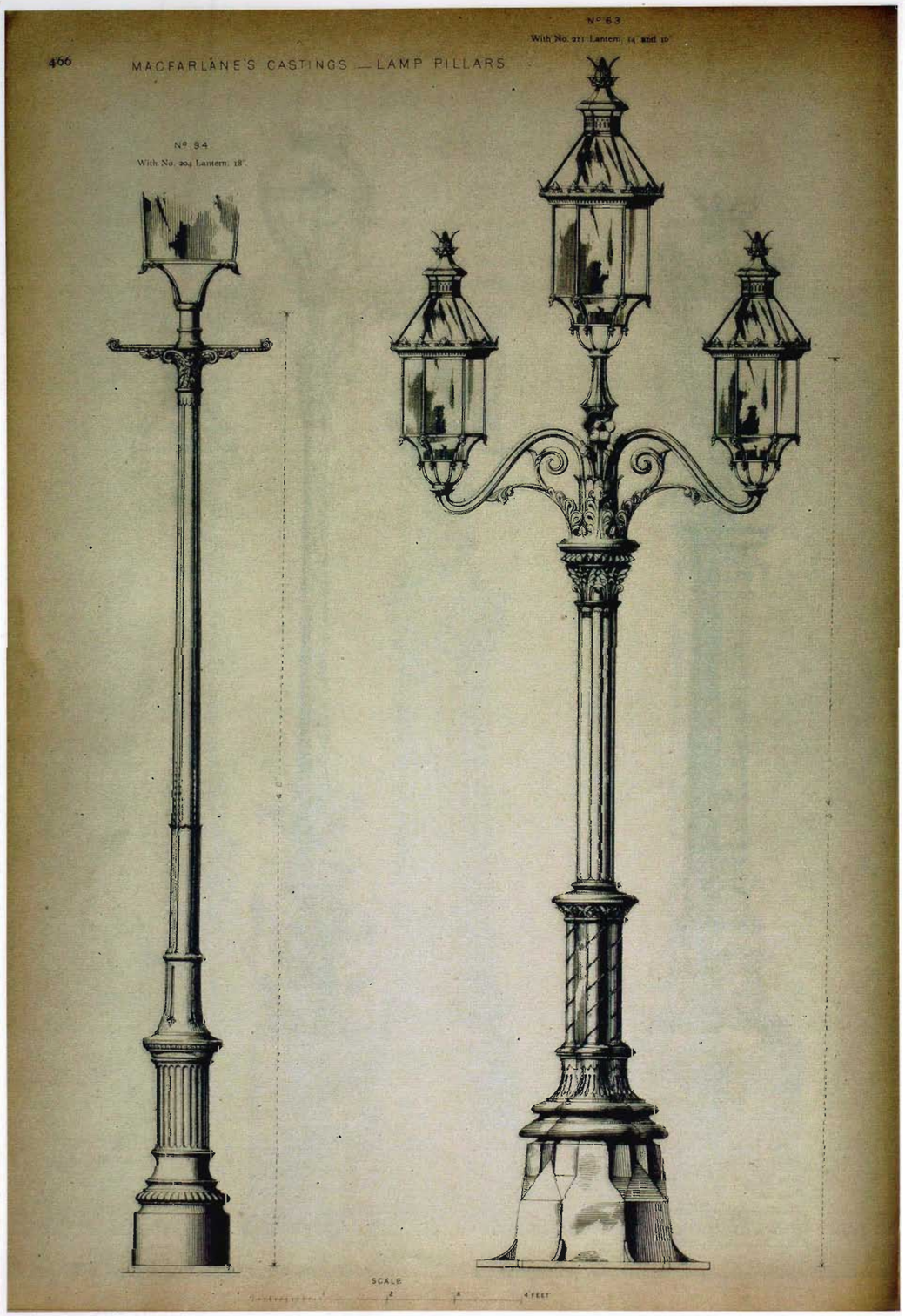

462
MACFARLANE'S CASTINGS — LAMP PILLARS
Nº 41
With No. 215 Lantern, 16".
Nº 29
With No. 225 Lantern, 16"
Nº 28
With No. 225 Lantern, 16"
10' 4"
11' 3"
10' 6"
SCALE
1 2 3 4 FEET


463
MACFARLANE'S CASTINGS — LAMP PILLARS
Nº 43
With No. 229 Lantern, 16".
Nº 43
With No. 229 Lantern, 14" and 16"
11' 0"
11' 0"
SCALE
1 2 3 4 FEET

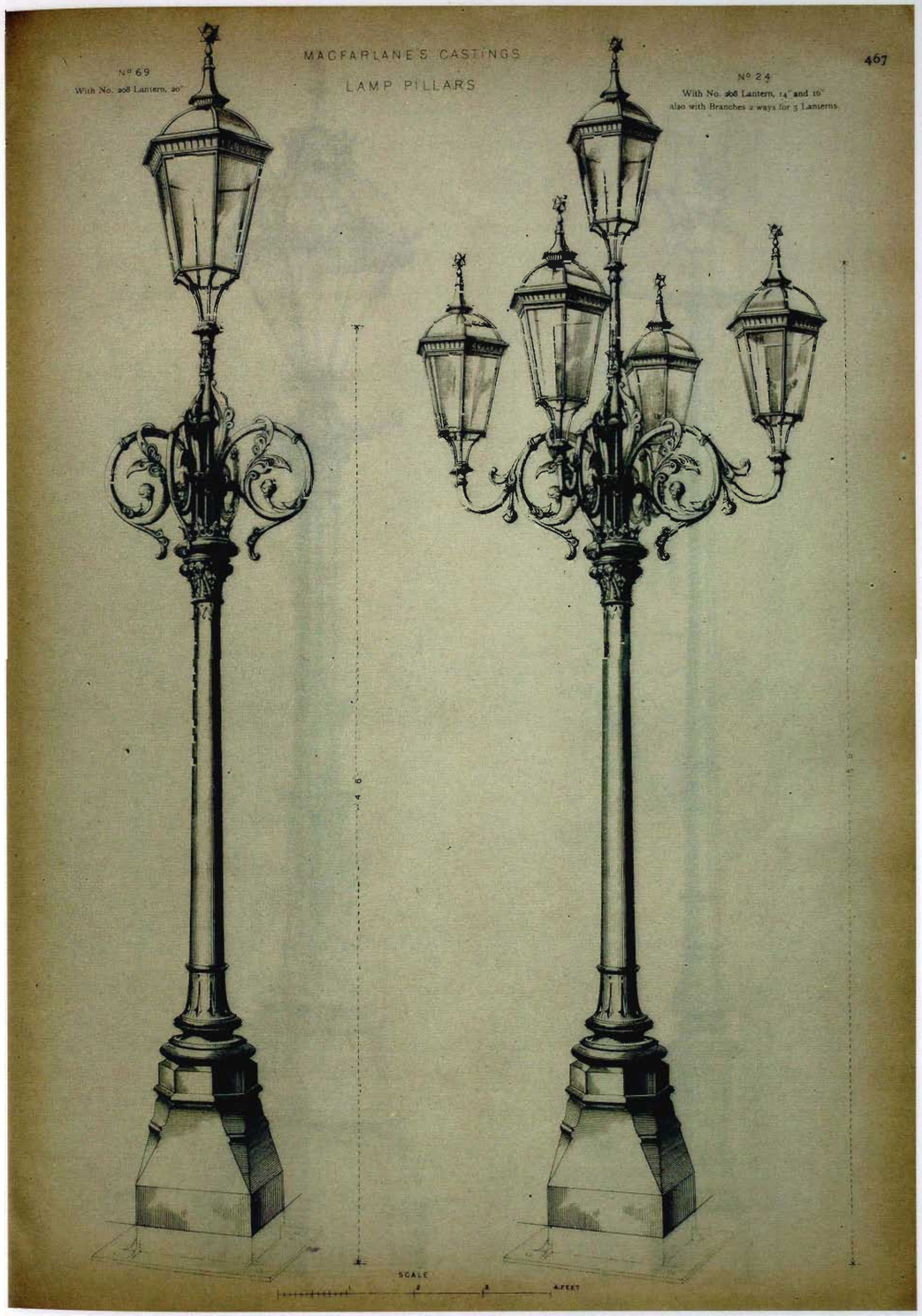

464
MACFARLANE'S CASTINGS — LAMP PILLARS
Nº 25
With No. 216 Lantern, 16".
Nº 20
With No. 213 Lantern, 15".
Nº 52
With No. 223 Lantern, 18".
12'-0"
10'-7"
SCALE
4 FEET


MACFARLANE'S CASTINGS — LAMP PILLARS
465
Nº 32
With No. 230 Lantern, 20".
Nº 59
With No. 223 Lantern, 18".
12'-0"
14'-3"
SCALE
4 FEET

MACFARLANE'S CASTINGS — LAMP PILLARS

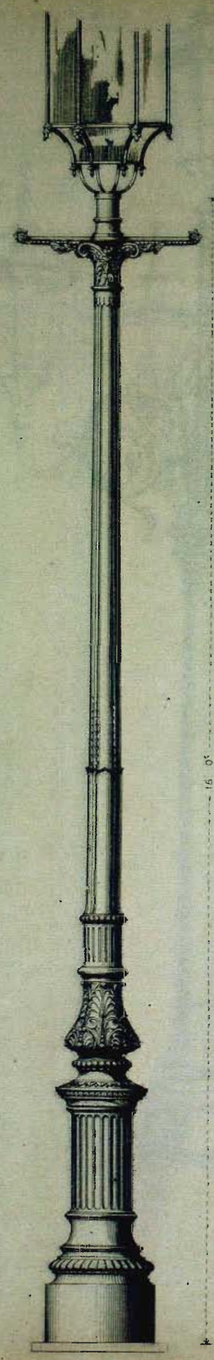


MACFARLANE'S CASTINGS
LAMP PILLARS

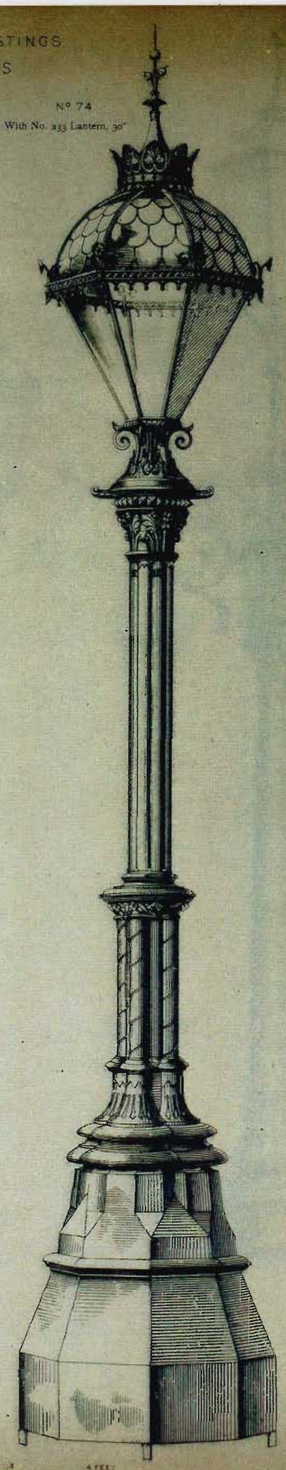


MACFARLANE'S CASTINGS
LAMP PILLARS

Nº 30
With No. 211 Lantern, 18"

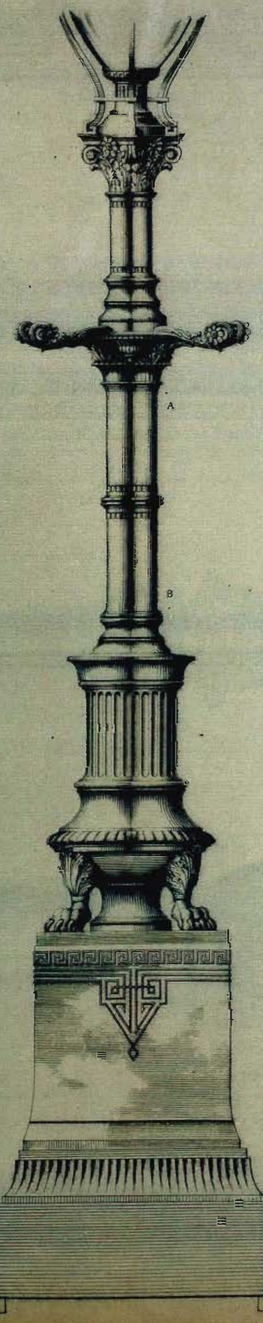


Nº 74
With No. 233 Lantern, 30"

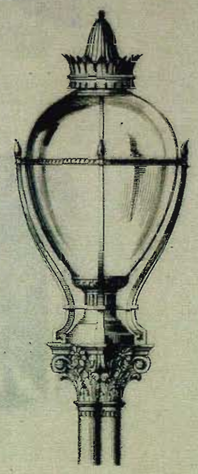


MACFARLANE'S CASTINGS — LAMP PILLARS

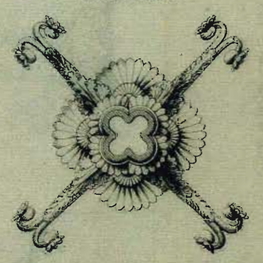
Nº 29
With No. 231 Lantern, 24"



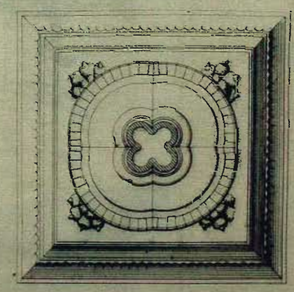
Lantern.



Plan at A looking up.



Plan at B looking down.

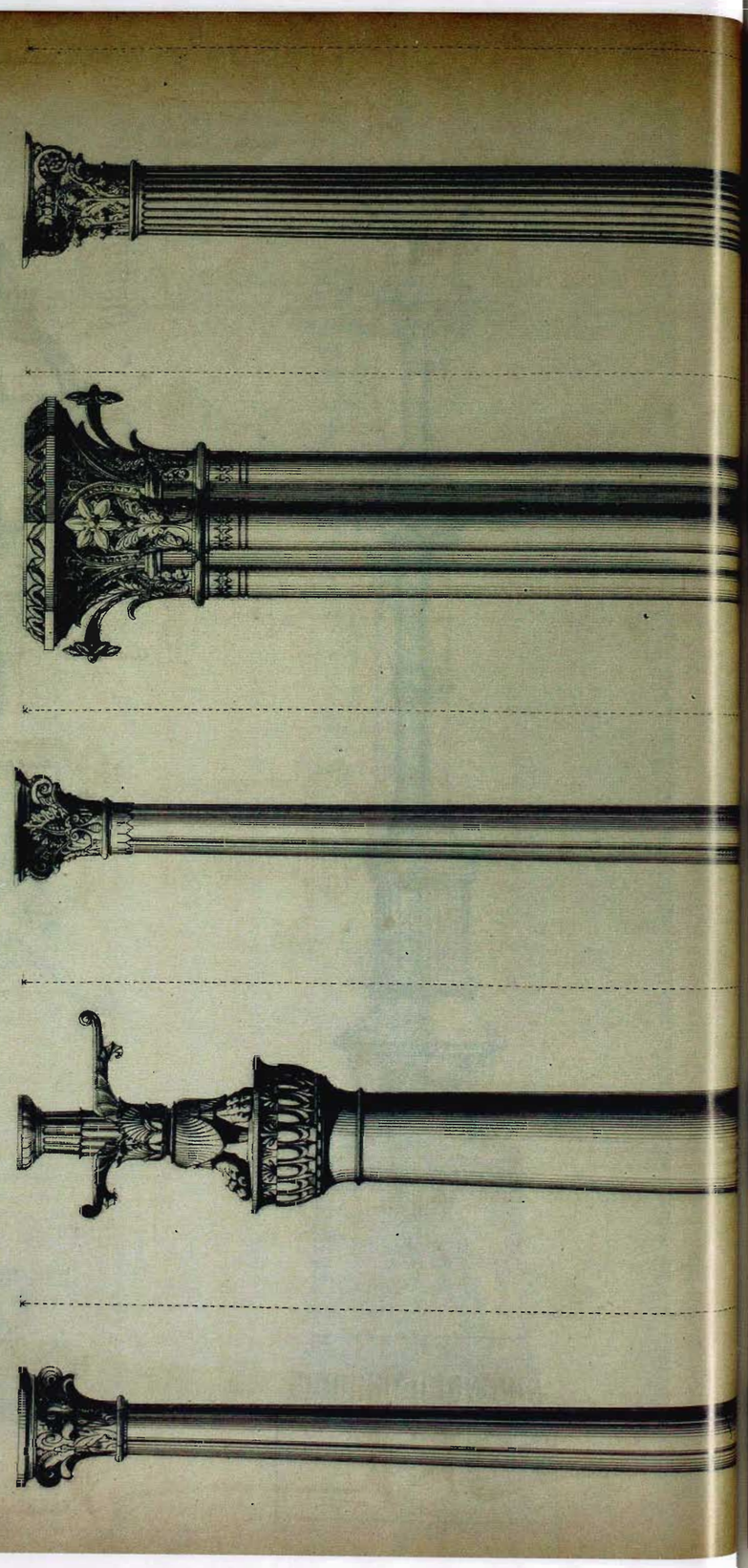


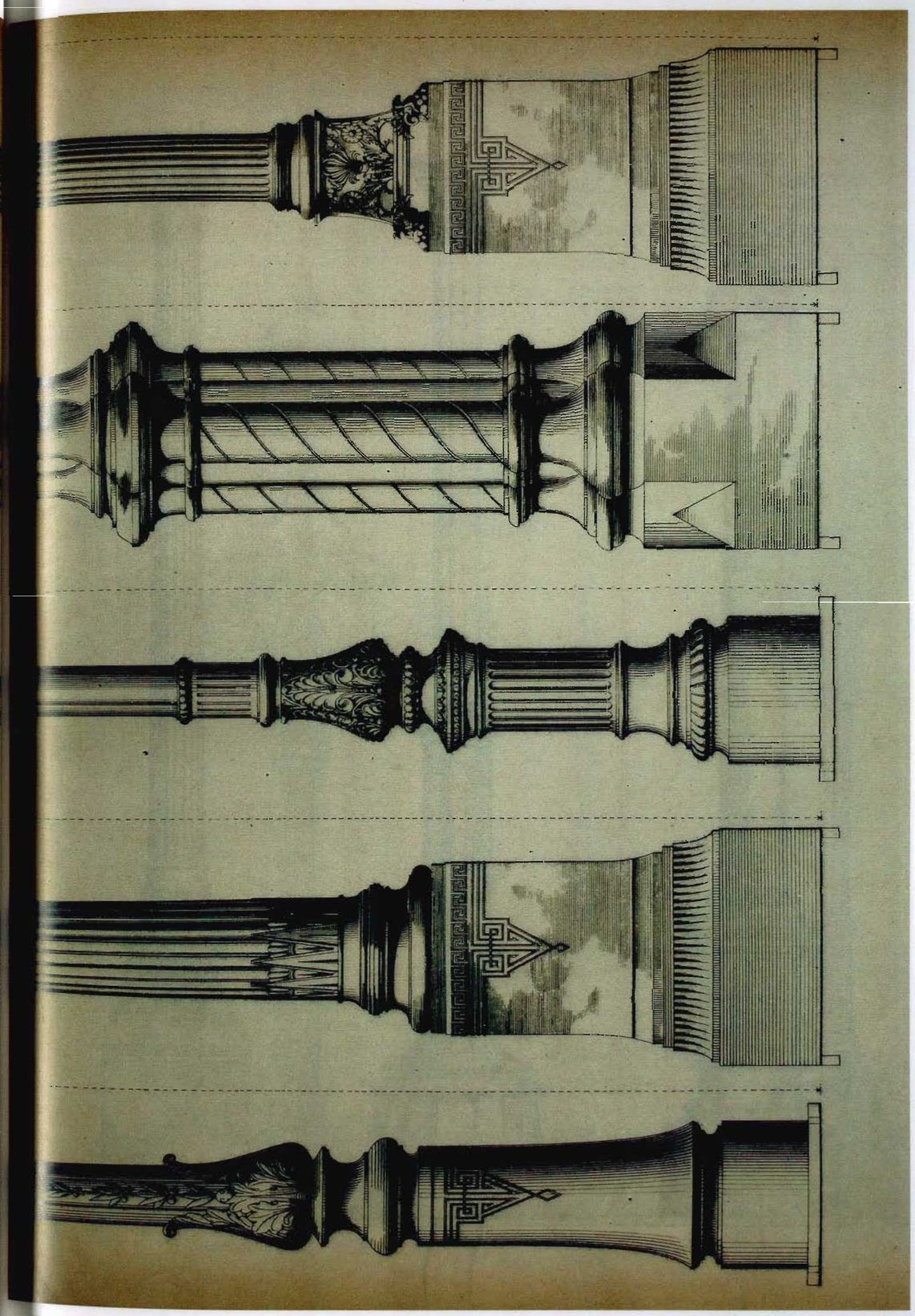
WALTER MACFARLANE & CO, SARACEN FOUNDRY CATALOGUE – VOLUME 2

470

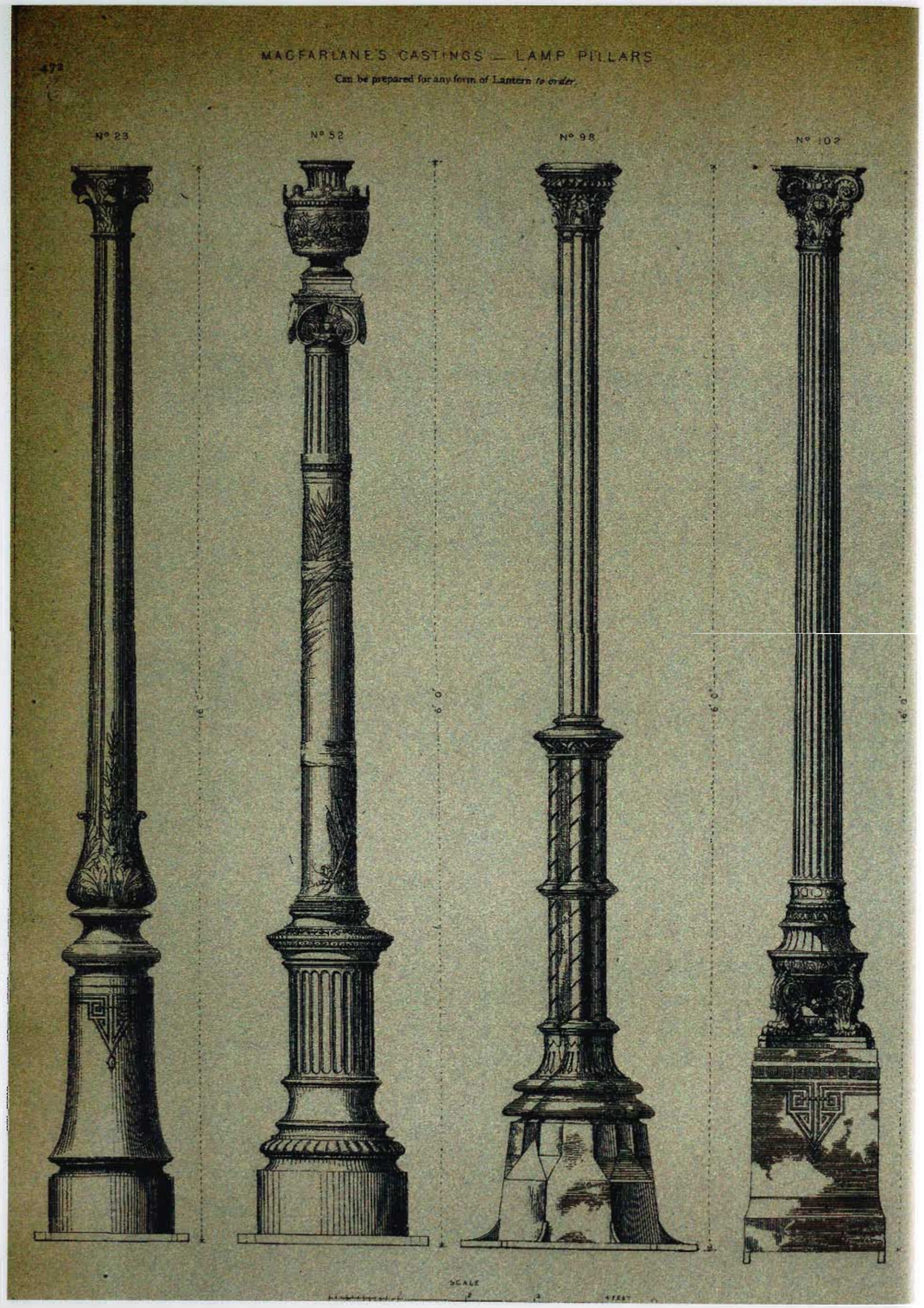
MACFARLANE'S CASTINGS — LAMP PILLARS

Can be prepared for any form of Lantern to order.

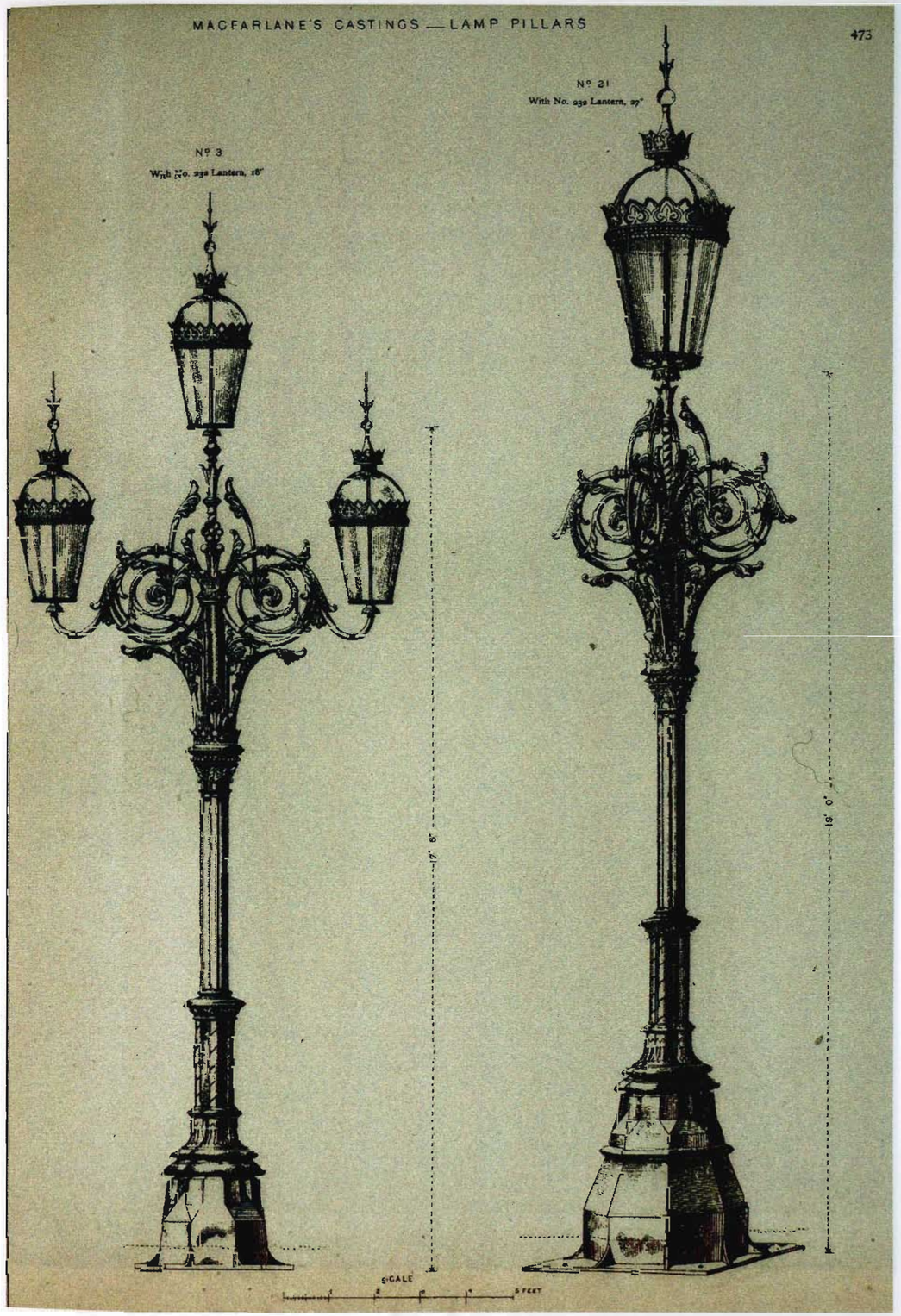


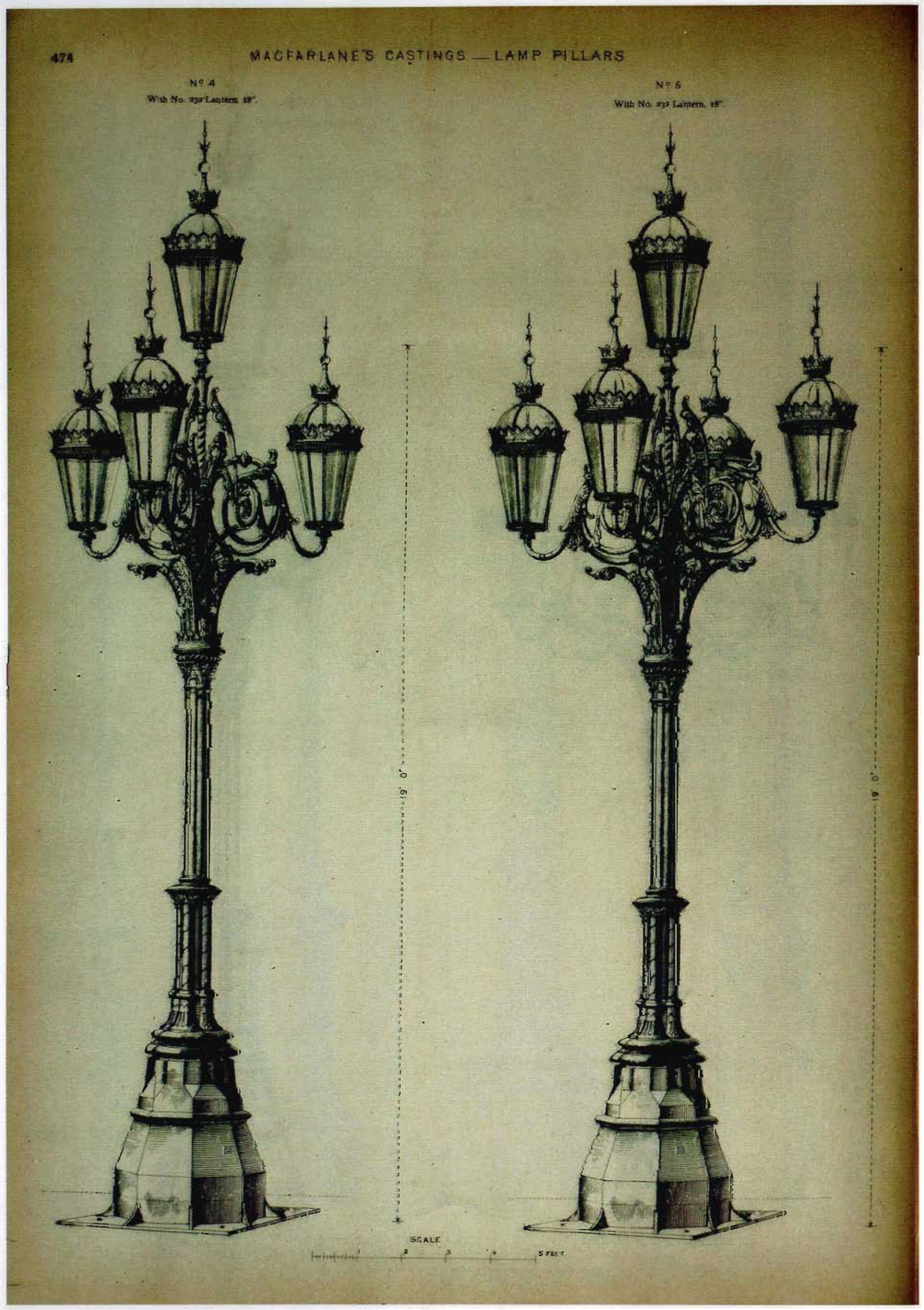


471

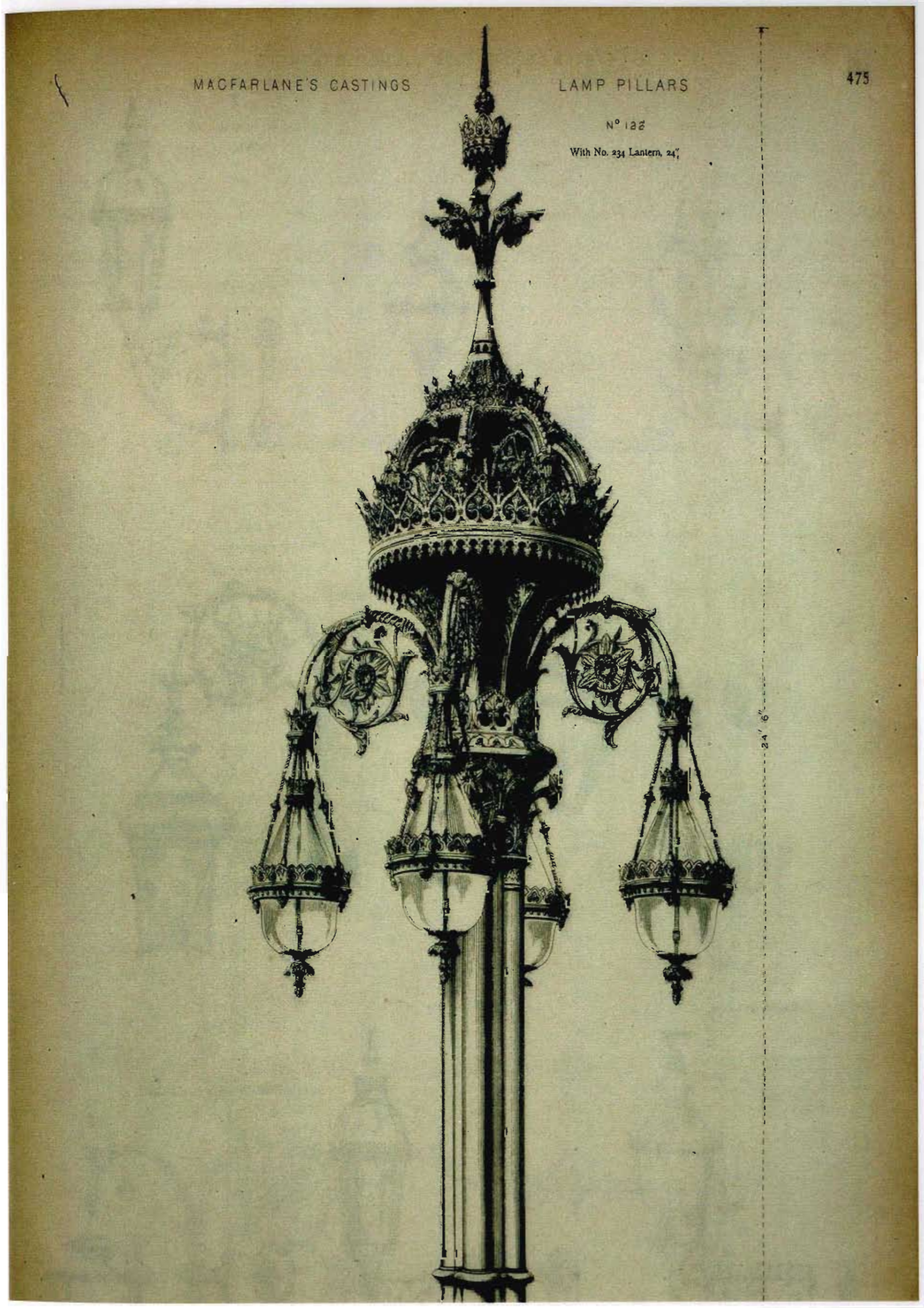


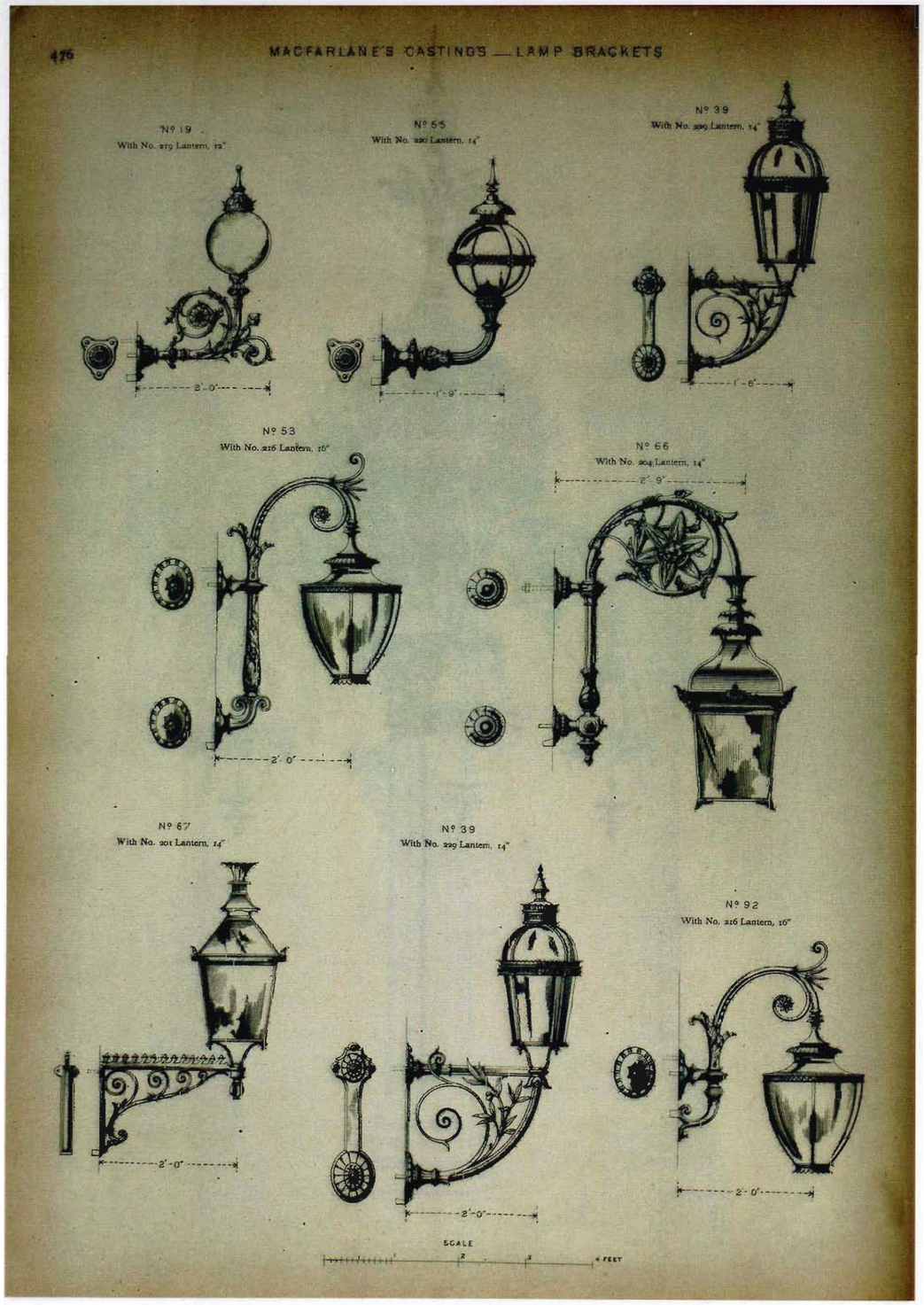
WALTER MACFARLANE & CO, SARACEN FOUNDRY CATALOGUE – VOLUME 2

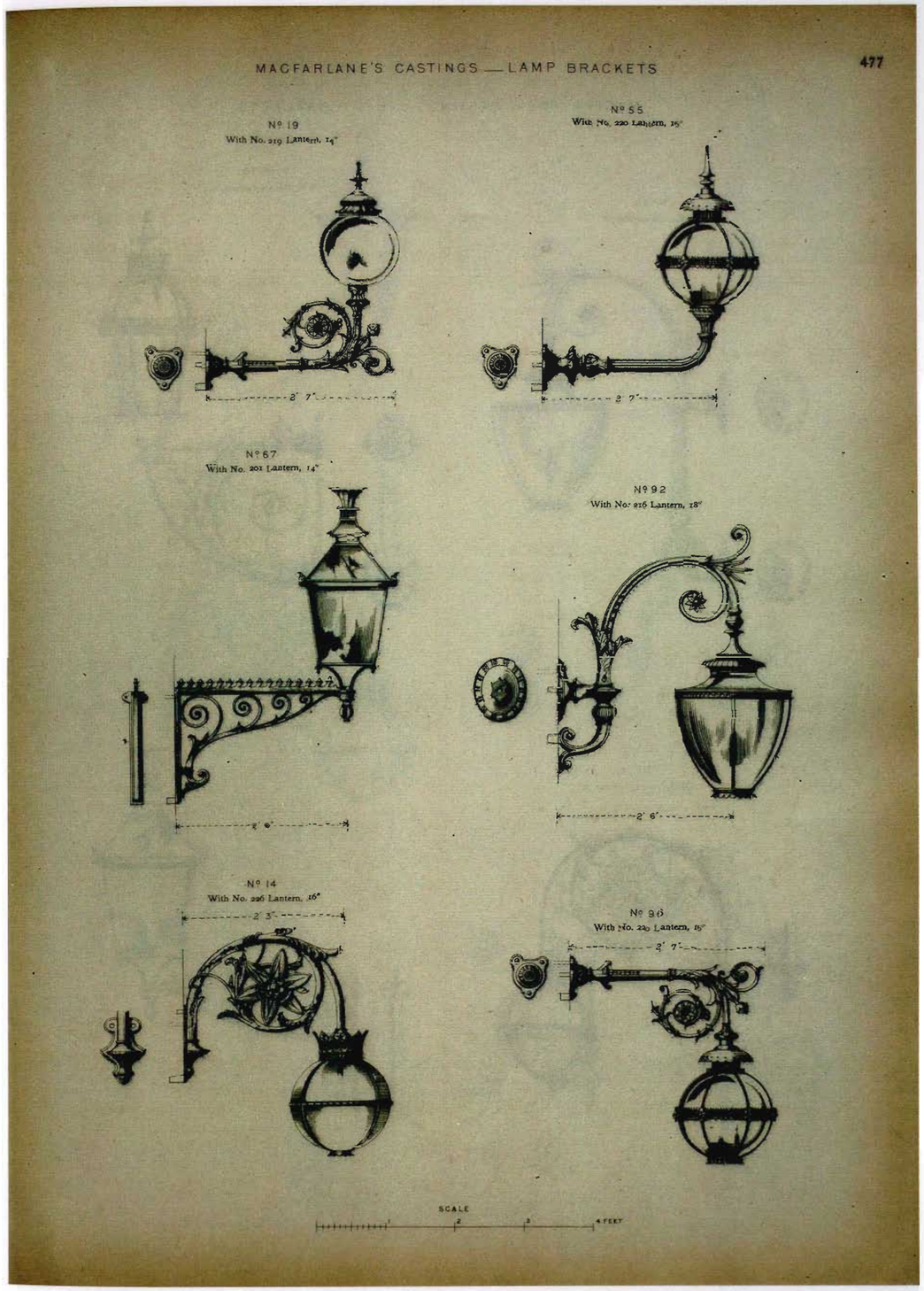




WALTER MACFARLANE & CO, SARACEN FOUNDRY CATALOGUE – VOLUME 2

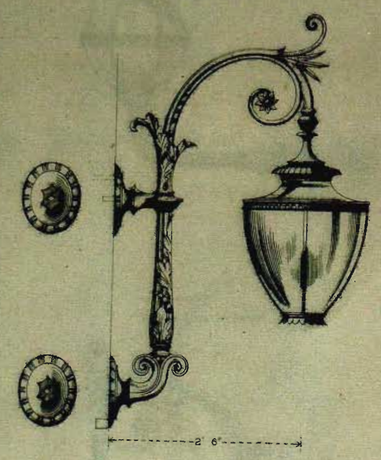



476
MACFARLANE'S CASTINGS — LAMP BRACKETS
Nº 19
With No. 219 Lantern, 12"
2'-0"
Nº 55
With No. 220 Lantern, 14"
1'-9"
Nº 39
With No. 229 Lantern, 14"
1'-6"
Nº 53
With No. 216 Lantern, 16"
2' 0"
Nº 66
With No. 204 Lantern, 14"
2' 9"
Nº 67
With No. 201 Lantern, 14"
Nº 39
With No. 229 Lantern, 14"
Nº 92
With No. 216 Lantern, 16"
2'-0"
2'-0"
2'-0"
SCALE
1
2
3
4 FEET


MACFARLANE'S CASTINGS — LAMP BRACKETS
477
Nº 19
With No. 219 Lantern, 14"
2' 7"
Nº 55
With No. 220 Lantern, 15"
2' 7"
Nº 67
With No. 201 Lantern, 14"
2' 0"
Nº 92
With No. 216 Lantern, 18"
2' 6"
Nº 14
With No. 226 Lantern, 16"
2' 3"
Nº 96
With No. 230 Lantern, 15"
2' 7"
SCALE
1
2
3
4 FEET

MACFARLANE'S CASTINGS — LAMP BRACKETS

Nº 53
With No. 216 Lantern, 18"

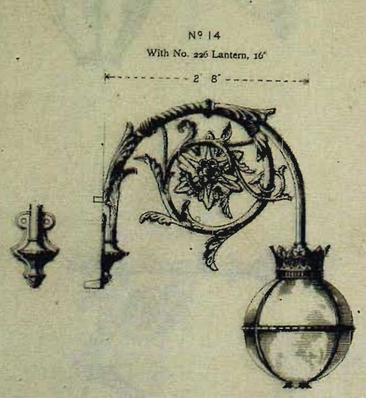


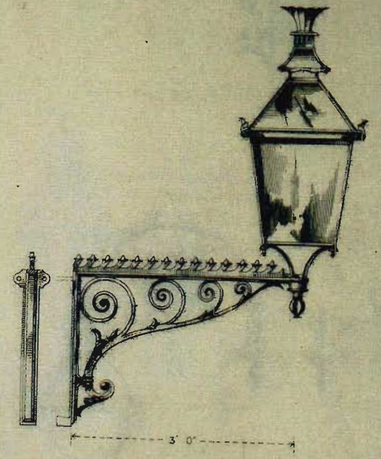
Nº 39
With No. 229 Lantern, 16"



Nº 67
With No. 201 Lantern, 16"

Nº 14
With No. 226 Lantern, 16"





SCALE
1 2 3 4 FEET

MACFARLANE'S CASTINGS — LAMP BRACKETS

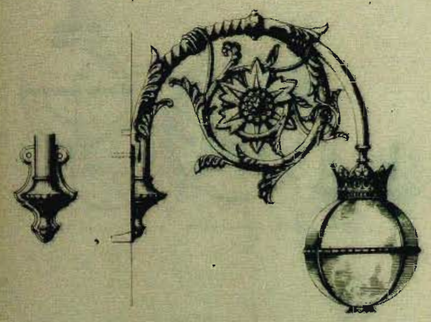
Nº 17
With No. 208 Lantern, 14"



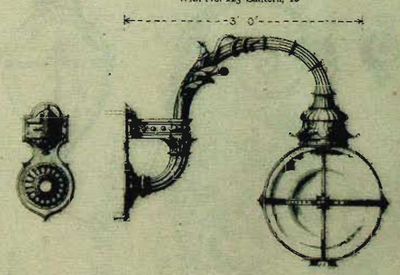
Nº 75
With No. 212 Lantern, 14"



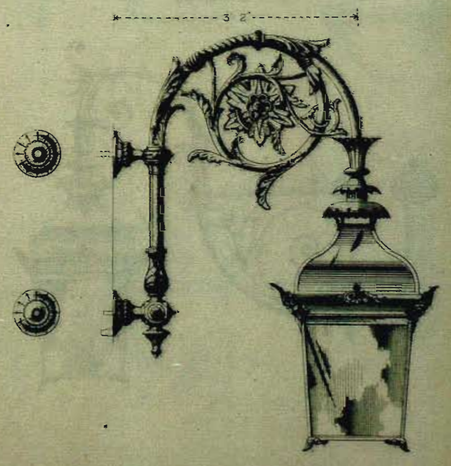
Nº 14
With No. 226 Lantern, 16"



Nº 61
With No. 223 Lantern, 18"



Nº 66
With No. 204 Lantern, 16"

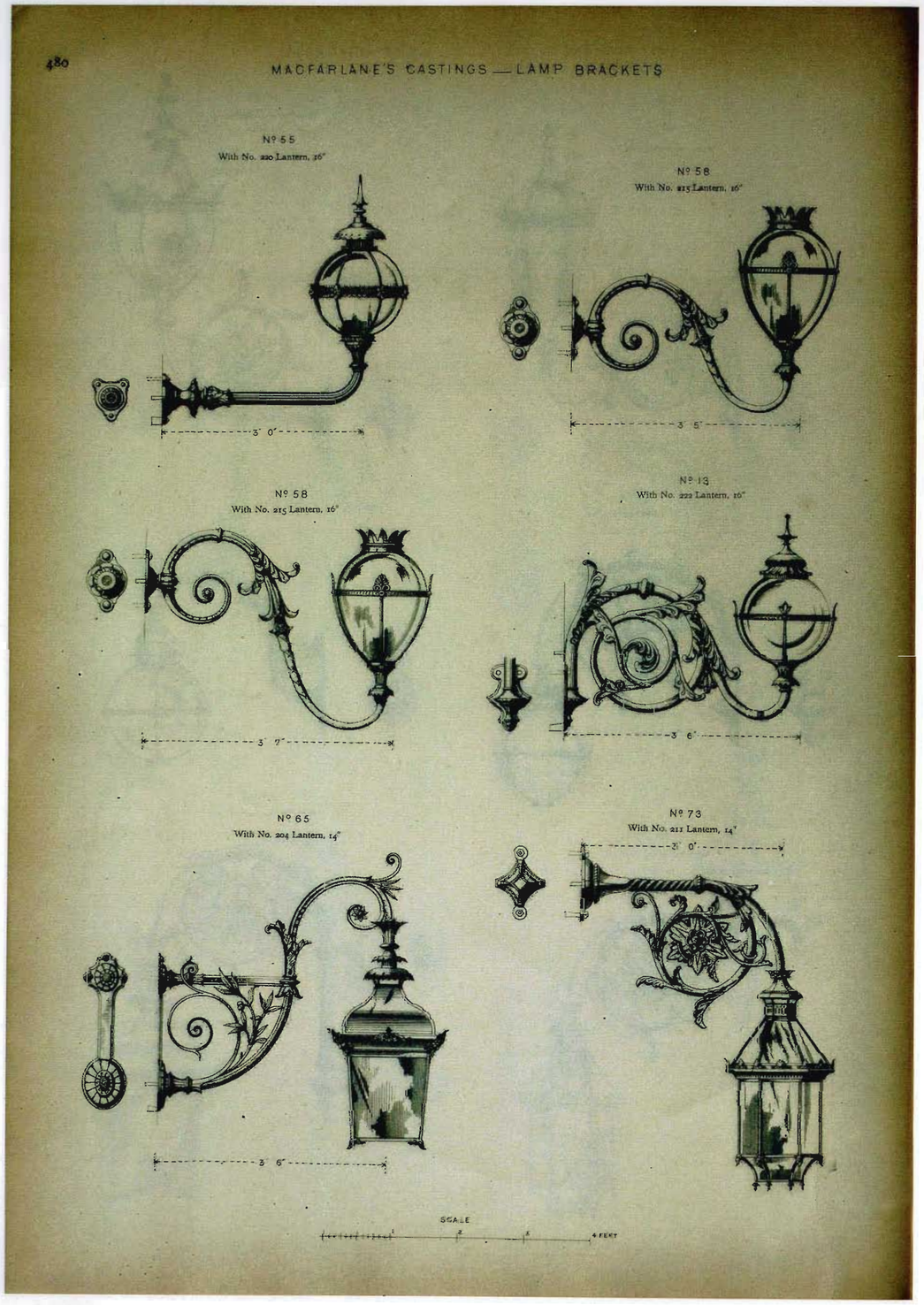


Nº 73
With No. 211 Lantern, 14"

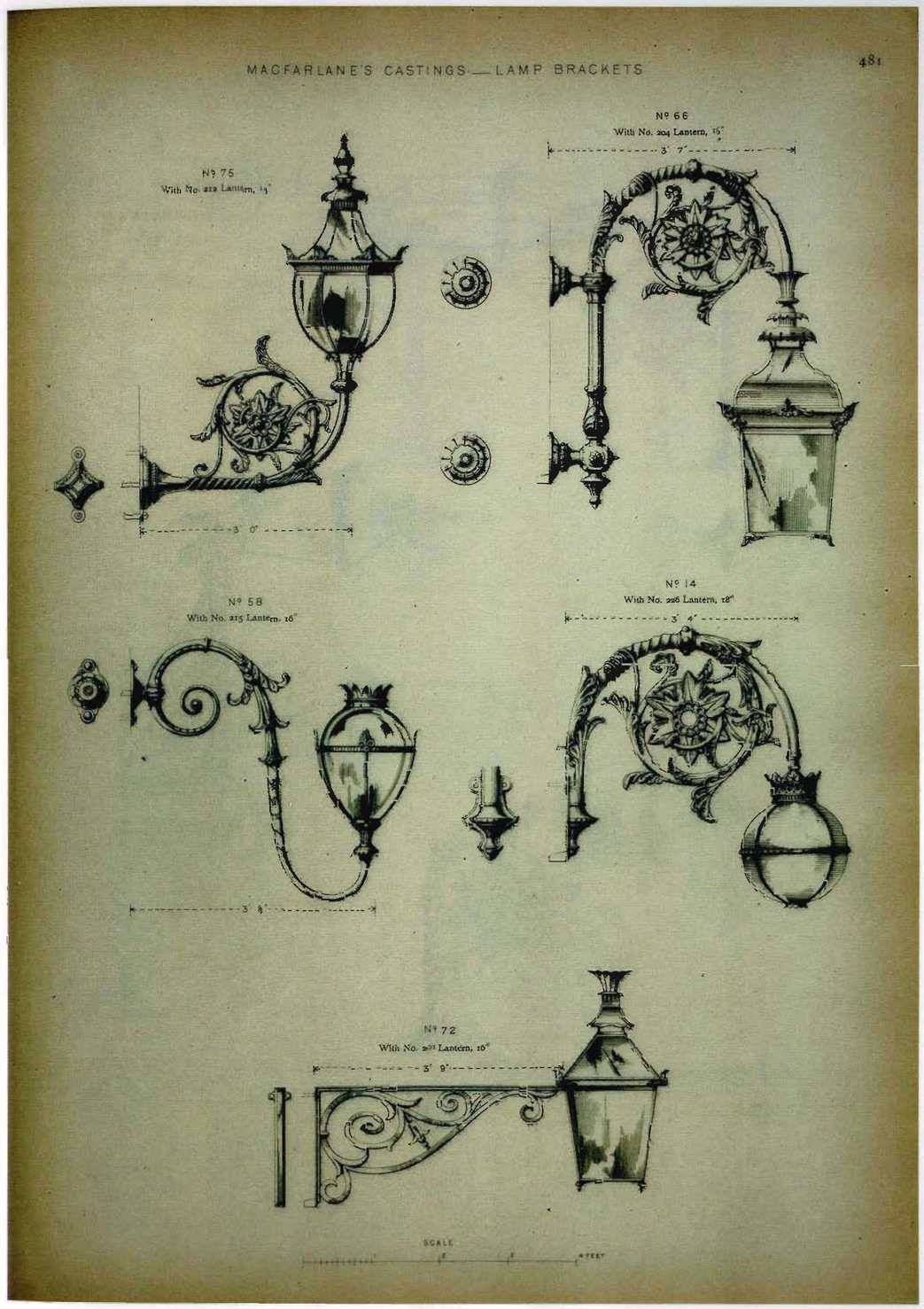


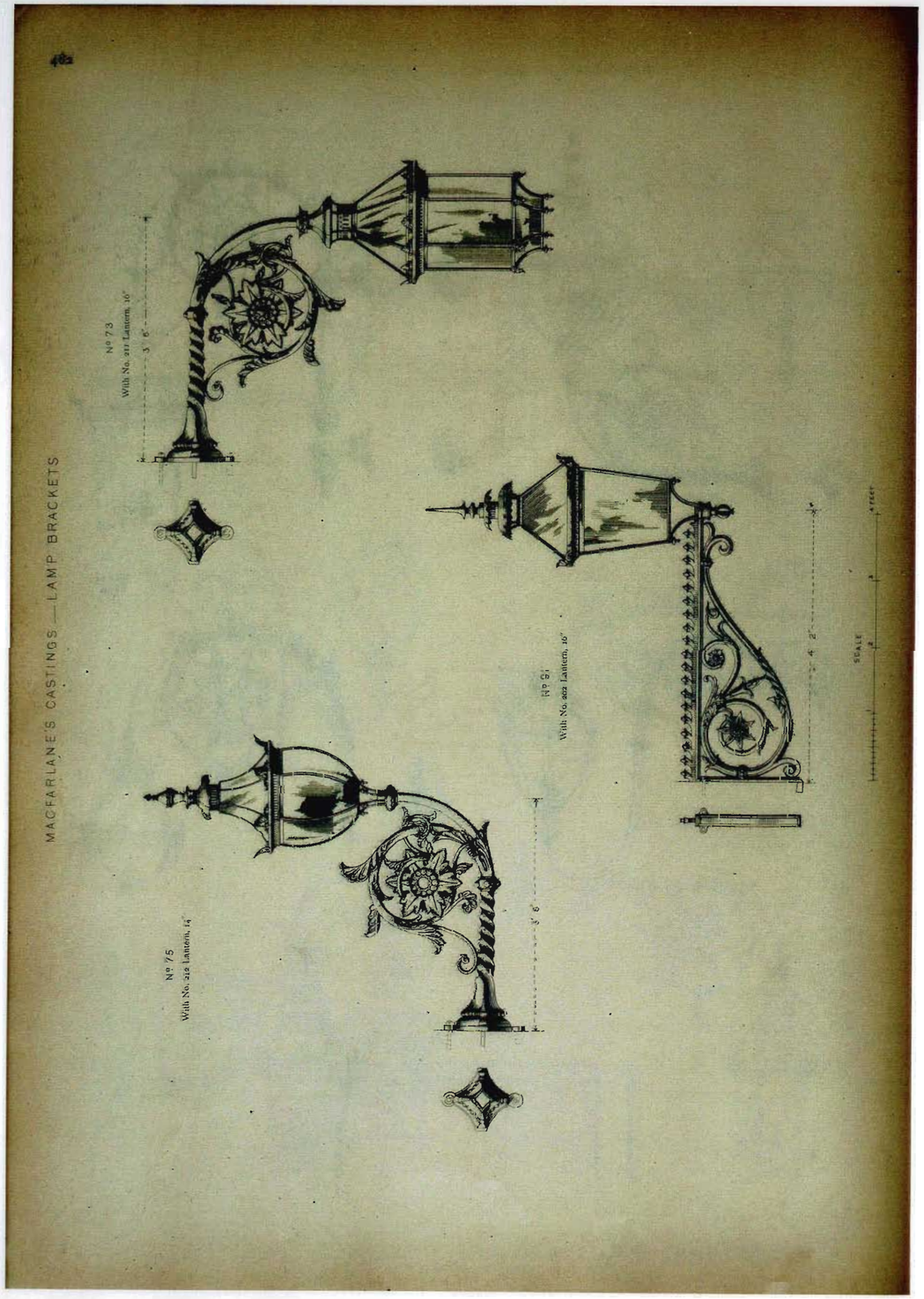
SCALE
1 2 3 4 FEET

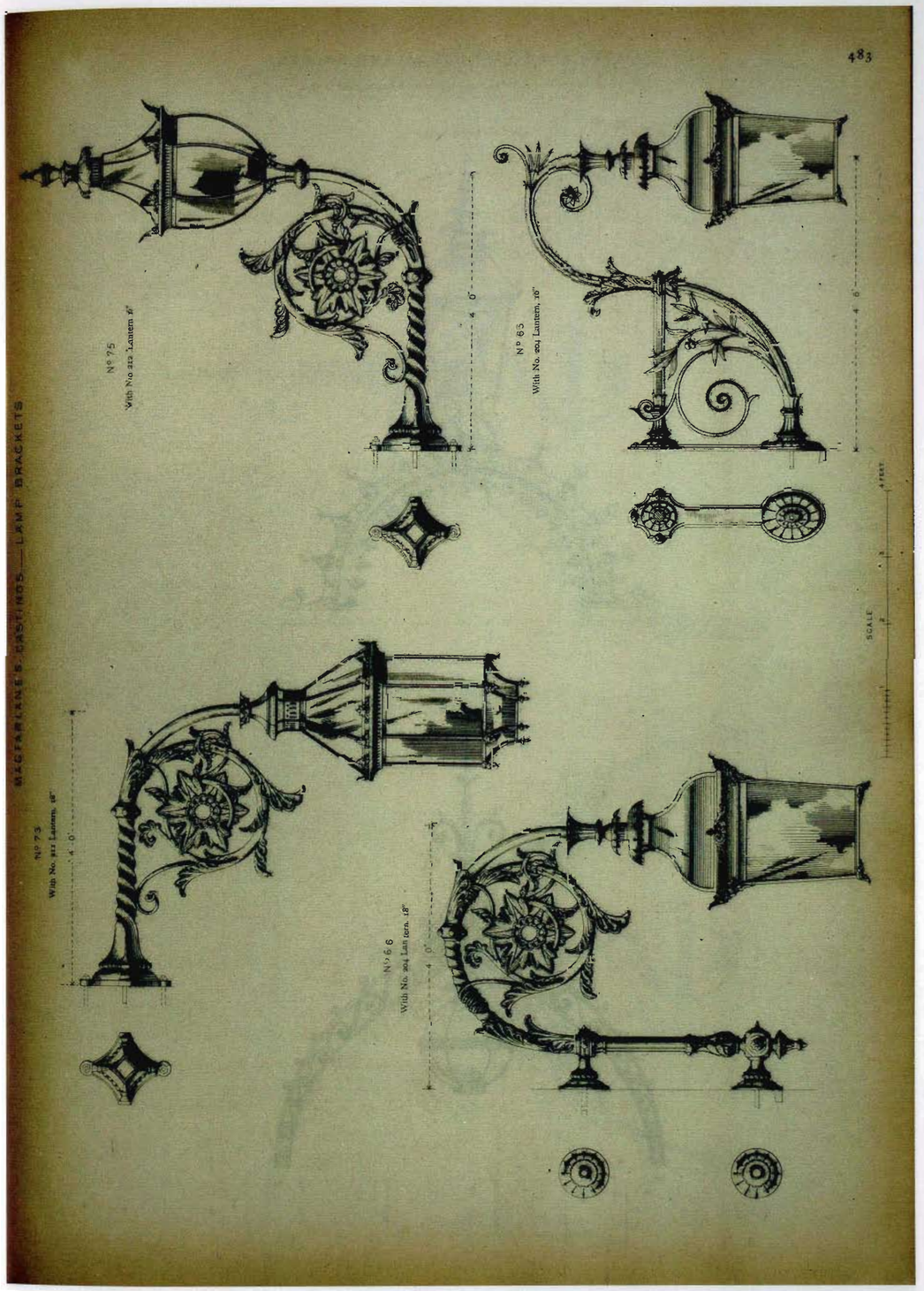
MACFARLANE'S CASTINGS — LAMP BRACKETS



MACFARLANE'S CASTINGS — LAMP BRACKETS



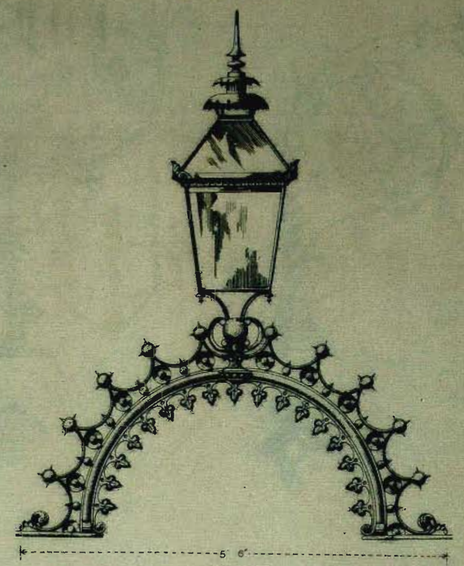

482
MACFARLANE'S CASTINGS — LAMP BRACKETS
No 73
With No. 211 Lantern, 16"
3' 6"
No 75
With No. 212 Lantern, 14"
3' 6"
No 91
With No. 202 Lantern, 16"
4' 2"
SCALE
4 FEET


483
MACFARLANE'S CASTINGS — LAMP BRACKETS
No 75
With No 212 Lantern 16"
4' 0"
No 83
With No. 204 Lantern, 16"
4' 8"
No 73
With No. 211 Lantern, 16"
4' 0"
No 66
With No. 204 Lantern, 18"
4' 0"
SCALE
4 FEET

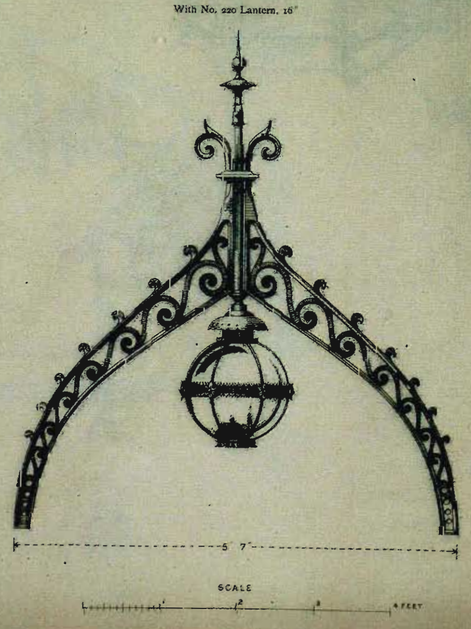
MACFARLANE'S CASTINGS — LAMP ARCHES

Can be prepared for Lanterns either suspended below or fixed on top.

Nº 47
With No. 201 Lantern, 16"

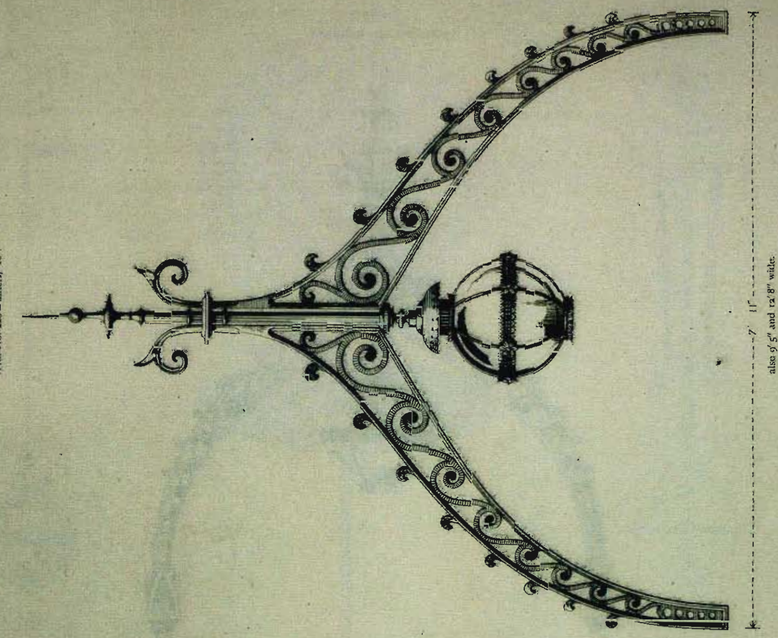


Nº 54
With No. 220 Lantern, 16"

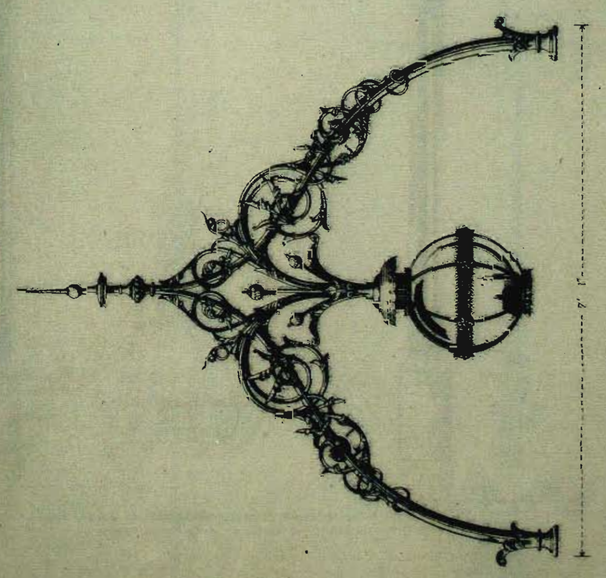


MACFARLANE'S CASTINGS — LAMP ARCHES

Nº 54
With No. 220 Lantern, 18".



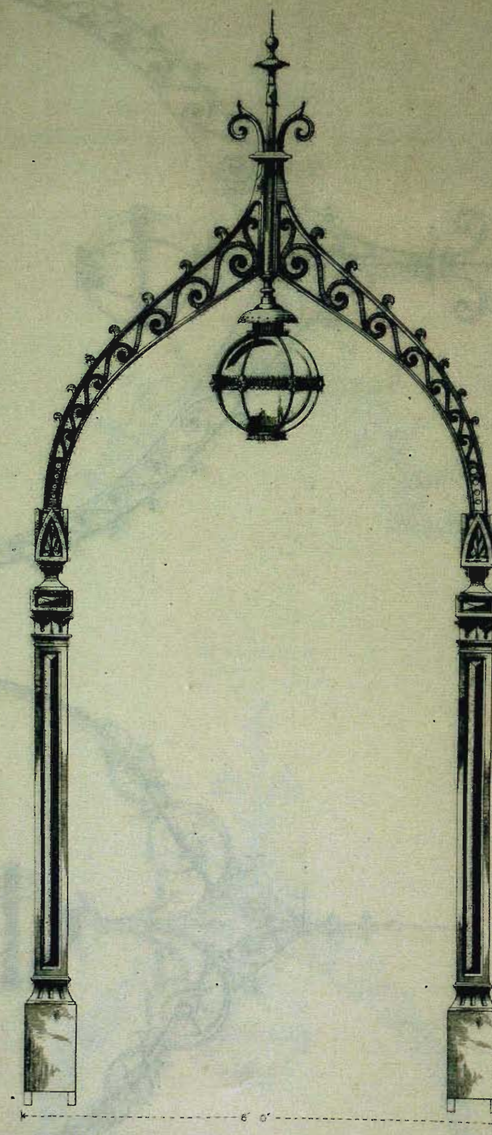
Nº 46
With No. 220 Lantern, 16"



486

MACFARLANE'S CASTINGS — LAMP ARCHES

Nº 90
With No. 220 Lantern, 16"



Any other of our Lamp Arches can be supplied with Standards as shown above or of any other pattern, for which see Gate Standards, Section VI.

SCALE
1 2 3 4 FEET

487

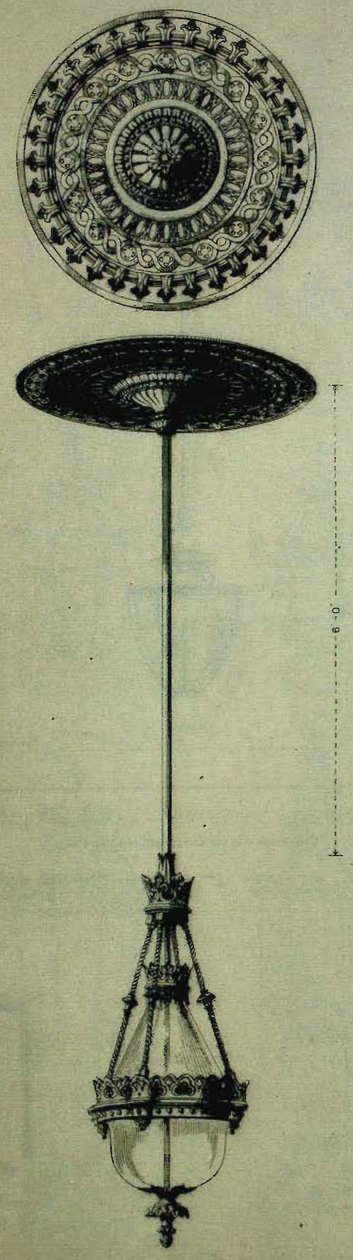
MACFARLANE'S CASTINGS — LAMP PENDANTS

Any length *to order*.

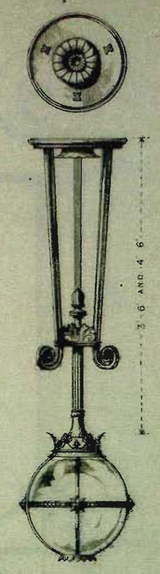
Nº 89
With No. 220 Lantern, 14"



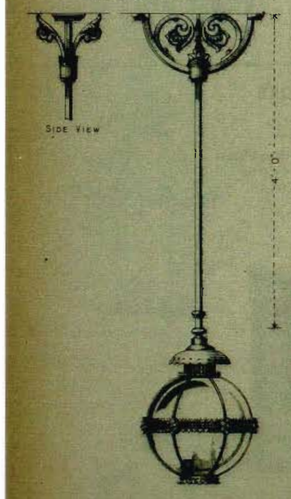
Nº 87
With No. 234 Lantern, 24"



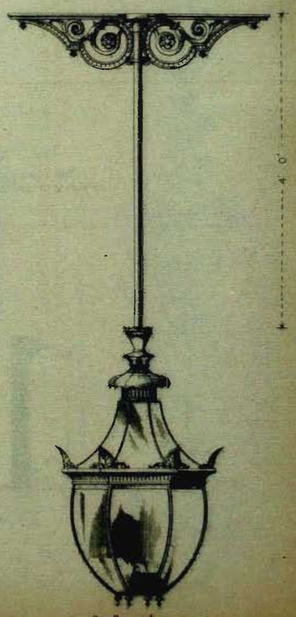
Nº 49
With No. 227 Lantern, 16"



Nº 36
With No. 220 Lantern, 16"



Nº 70
With No. 212 Lantern, 16"



SCALE
1 2 3 4 FEET

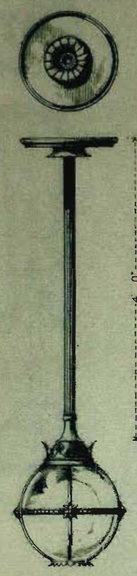
Scrolls 2 and 4 ways.

488

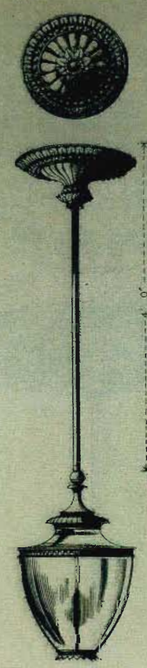
MACFARLANE'S CASTINGS — LAMP PENDANTS

Any length *to order.*

Nº 85
With No. 227 Lantern, 16".



Nº 86
With No. 226 Lantern, 16".



Nº 38
With No. 204 Lantern, 14".

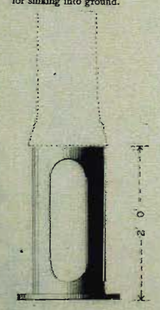


SCALE 1 2 3 4 FEET

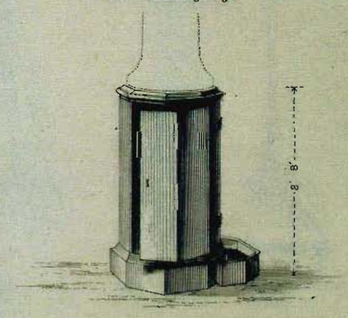
MACFARLANE'S CASTINGS — LAMP CONNECTIONS

Can be made to suit any pattern of Lamp Pillar.

Tail Piece
for sinking into ground.



Water or Meter Compartment
With or without dog trough.



SCALE 1 2 3 4 FEET

489

MACFARLANE'S LANTERNS

Can be applied to any Pillar, Standard, Arch, Bracket, or Pendant.

Nº 201



14", 15" and 16"

Nº 202



14", 15" and 16"

Nº 203



14", 16", 18" and 20"

Nº 204



14", 16", 18" and 20"

Nº 205
Hexagon



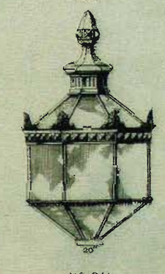
14", 16" and 18"

Nº 206
Octagon.



14", 16" and 18"

Nº 207
Octagon.



20"

Nº 208
Hexagon



14", 16", 18" and 20"

Nº 211
Hexagon

Nº 212
Hexagon

Nº 209
Hexagon.



14", 15", 16", 18" and 20"

Nº 210
Octagon.



20"



14", 16", 18" and 20"



14", 15" and 18"

Nº 216

Nº 213



14", 15" and 16"

Nº 214



14", 15" and 16"

Nº 215

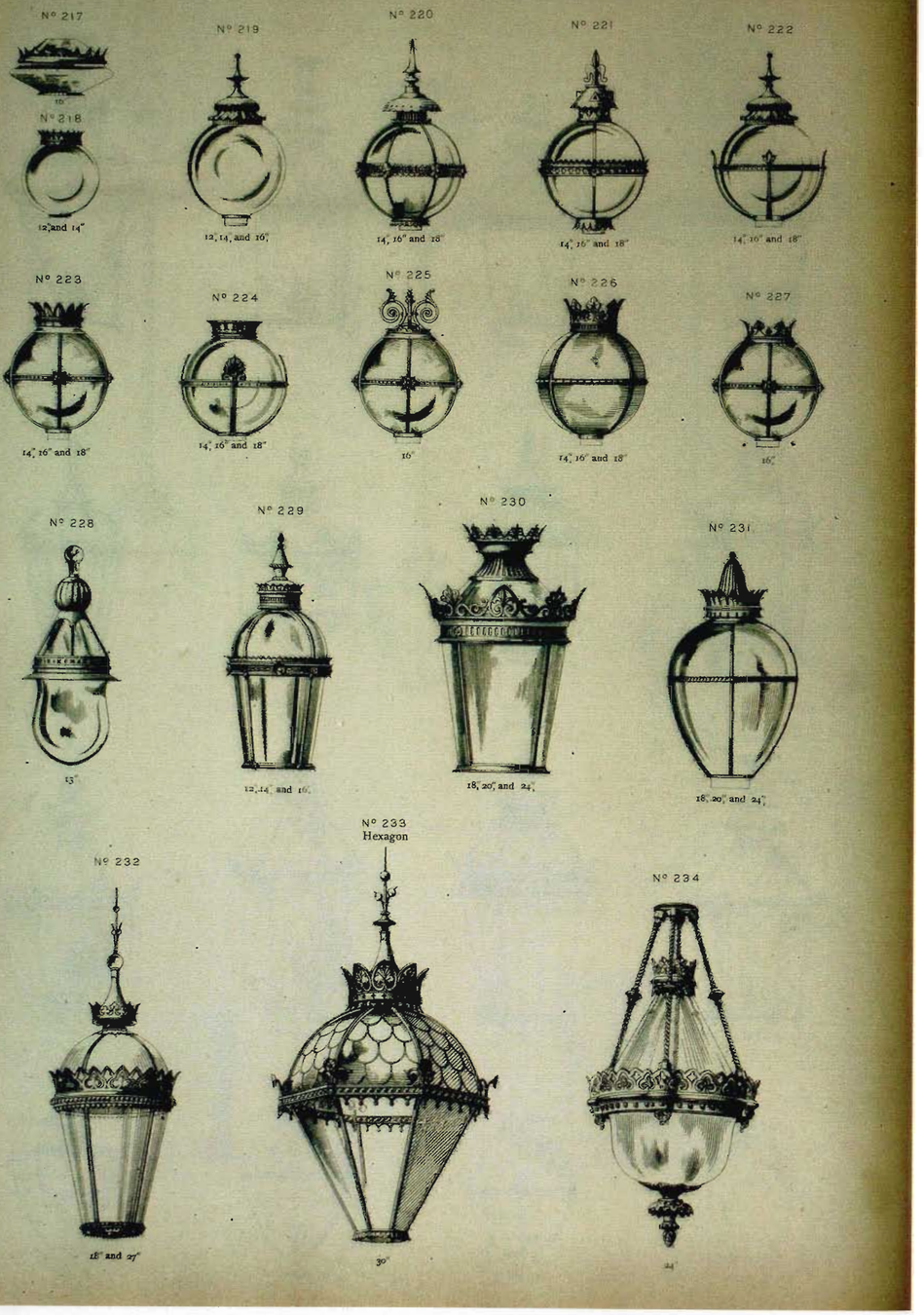


14", 15" and 16"



16" and 18"

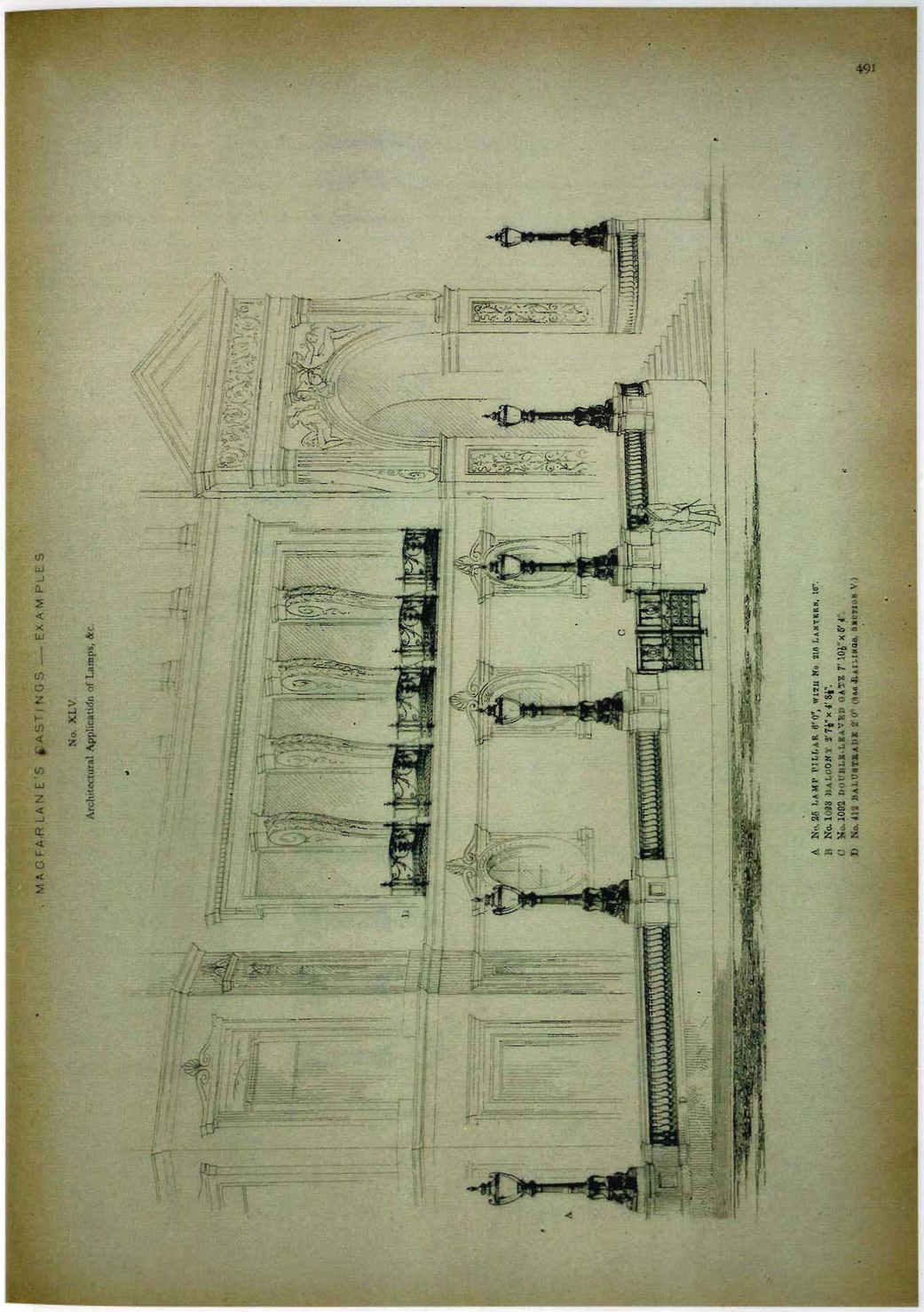
MACFARLANE'S LANTERNS



MACFARLANE'S CASTINGS — EXAMPLES

No. XLV.

Architectural Applicatido of Lamps, &c.

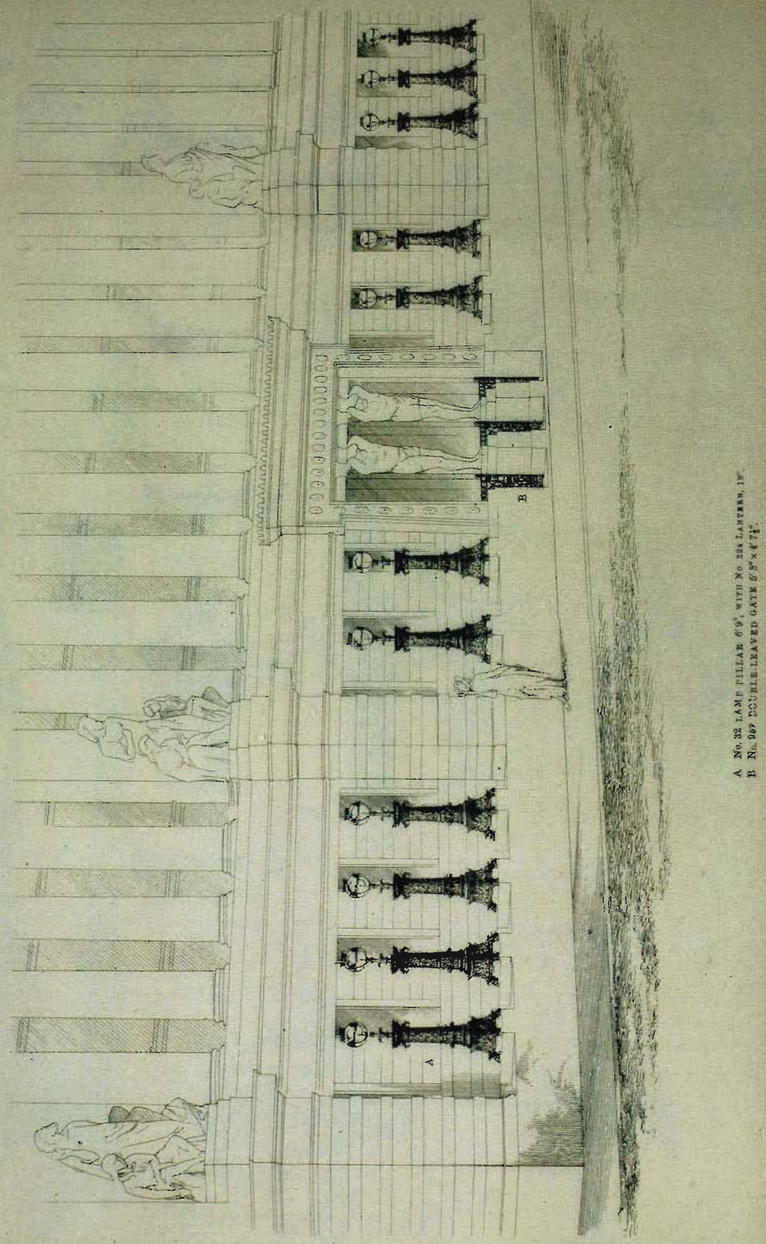


A No. 26 LAMP PILLAR 8'0", WITH No. 210 LANTERN.
B No. 1098 BALCONY 2'6½"×4'8".
C No. 1095 DOUBLE-LEAVED GATES 7'10½"×6'4".
D No. 412 BALUSTRADE 2'0" (SEE ILLUSTRATION, SECTION V.)

MACFARLANE'S CASTINGS — EXAMPLES

No. XLVI.

Architectural Application of Lamps, &c.



A No. 32 LAMP PILLAR 6'0", WITH No. 228 LANTERN, 18".
B No. 997 DOUBLE-LEAVED GATE 6'8" × 4'7½".

SECTION XIX.—BRACKETS.

STRUCTURAL AND DECORATIVE, FOR STONE, BRICK, WOOD, OR IRON WORK.

This Section is of exceedingly varied application to the support and enrichment of beams, girders, entablatures, cornices, lintels, shelves, shop fronts, balconies, verandahs, railway roofing, covered ways, arcades, conservatories, and every kind of structure. The following designs illustrate the strong and graceful forms into which Cast Iron can be fashioned, and its suitability for such purposes.

Please insert in Specification "**To be Macfarlane's Castings, from Saracen Foundry, Glasgow**," to prevent an inferior article being supplied.

Bed Brackets,	pages 494	Bracket and Spandril Shafts,	pages 563–564
Brackets, Trusses, Consoles, Corbels, Cantilevers, &c.,	„ 494–510	Roof Spandrils,	„ 565–569
Curved and Bevelled Brackets,	„ 511–512	Girders,	„ 569
Spandril Brackets,	„ 513–528	Examples,	„ 569
Spandril Arches,	„ 529–544	Also other Examples at end of Section XX.	
Column Brackets,	„ 545–562		

The illustrations are arranged vertically in the order of their horizontal measurement.

DIRECTIONS FOR ORDERING.

State the No. and Sizes, and the nature of the fixings required, whether screwholes, snugs, batts or bolts, for wood, stone or iron, and when necessary give rough sketch of any special addition or modification required. The following examples show the simplest method of ordering.

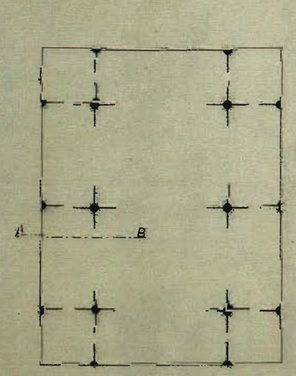
115 No. 68 Brackets 1′ 6″ × 1′ 8″ with screwholes for fixing to wood.
34 No. 209 Brackets 3′ 0″ × 3′ 6″ with batts on back for fixing to stone.
18 No. 55 Brackets 4′ 6½″ × 3′ 8″ with bolt and nut at corner, and batt at bottom for fixing to 2′ 6″ wall.
14 No. 66 Spandril Brackets 3′ 6″ × 3′ 6¾″ with batts on back for fixing to stone, and screwholes in top for fixing to wood beam.

3 No. 61 Spandril Arches 6′ 11½″ × 4′ 5″ with screwholes for fixing to wood, one of the Arches to be widened to 8′ 6″ as sketch.

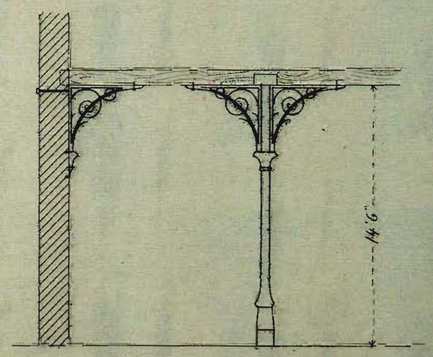


6 No. 129 Columns 6″ diameter, each with Spandril Shaft and No. 53 Column Brackets 4′ 0″ × 3′ 5″, 4 ways. Each Spandril Shaft to have shoe on top for wood beam as full size drawing herewith, and each Bracket to have a bolt near the point for fixing to beam. Height from bottom of Column to underside of beam is 14′ 6″.

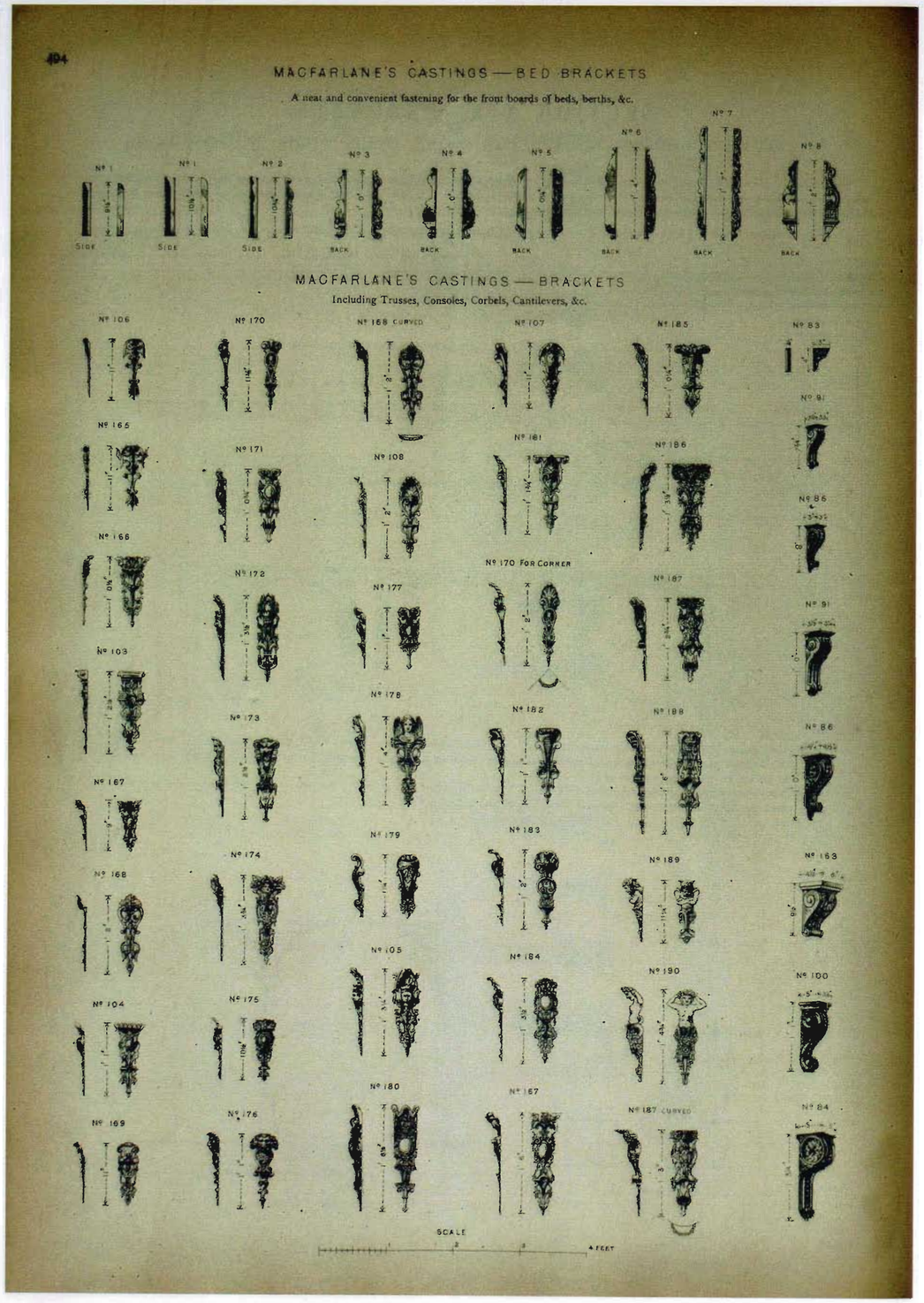
Also 10 No. 156 Corbels 7″ × 1′ 5½″ with Spandril Shafts and Column Brackets 1 way, to match above, but prepared for fixing to 2′ 0″ wall, with batts on Corbel, and bolt at top of Spandril Shaft. See sketch plan and section.

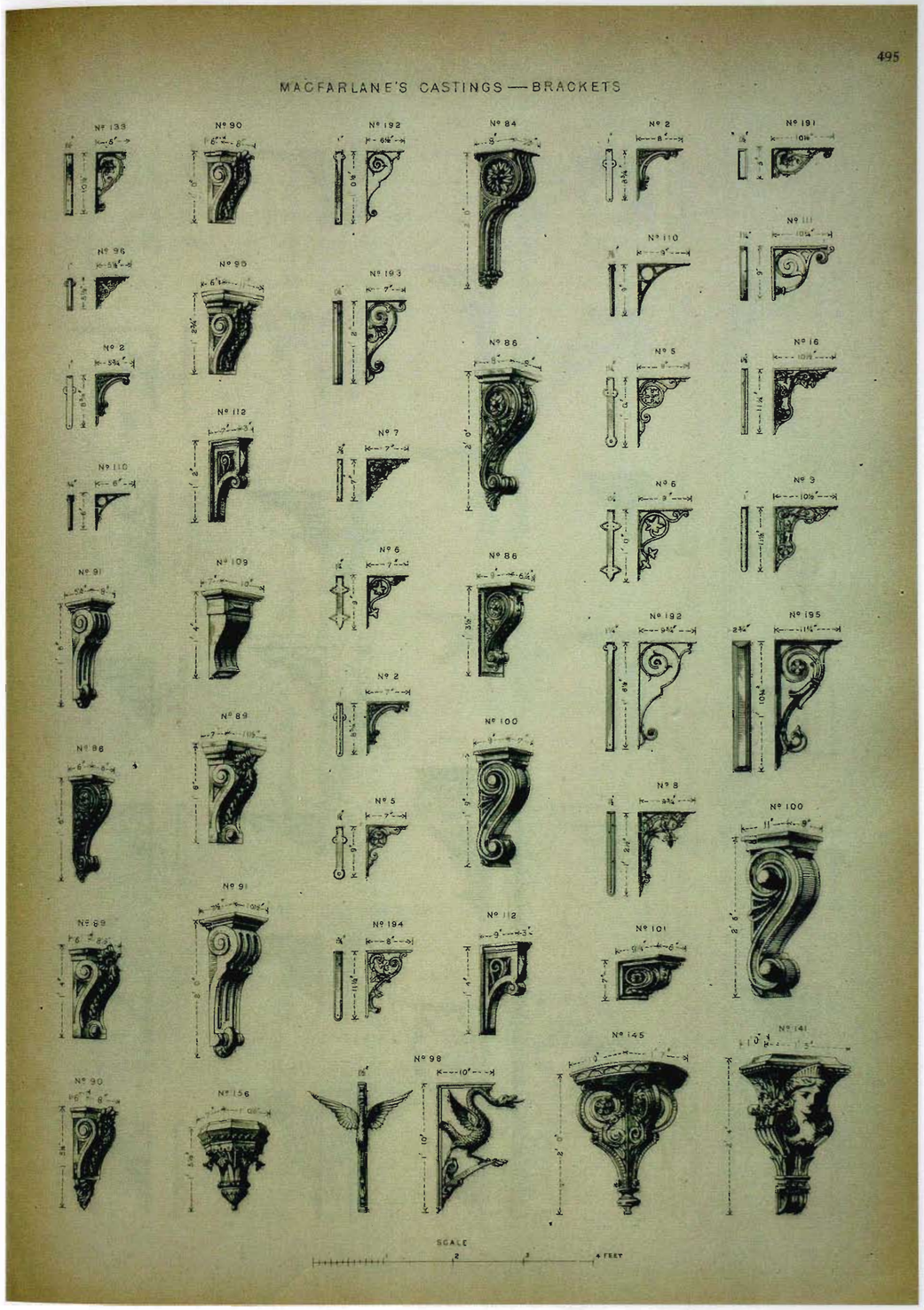


PLAN.

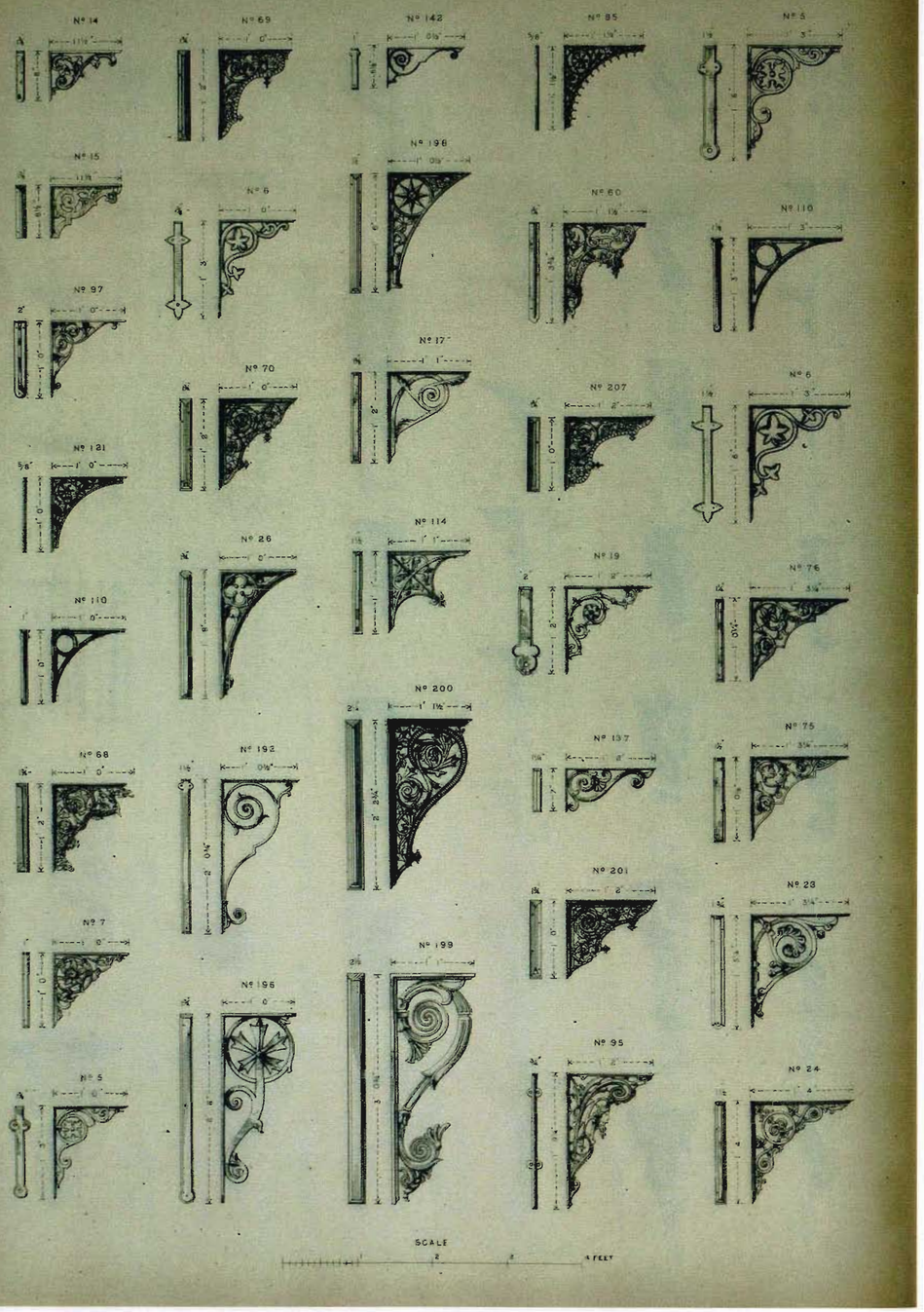


SECTION THROUGH A-B.

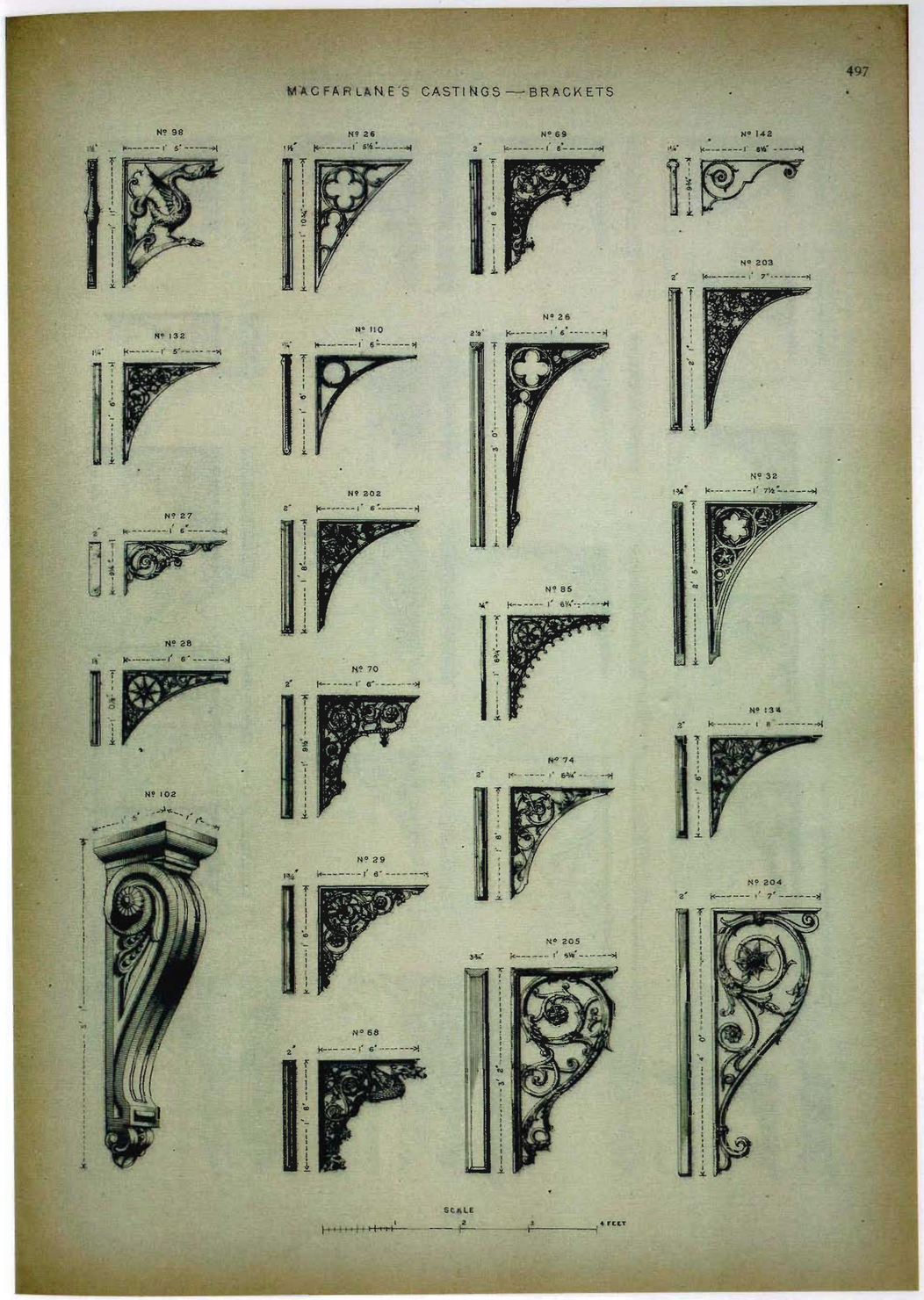

494
MACFARLANE'S CASTINGS — BED BRACKETS
A neat and convenient fastening for the front boards of beds, berths, &c.
MACFARLANE'S CASTINGS — BRACKETS
Including Trusses, Consoles, Corbels, Cantilevers, &c.
SCALE
FEET


495
MACFARLANE'S CASTINGS — BRACKETS
SCALE
FEET

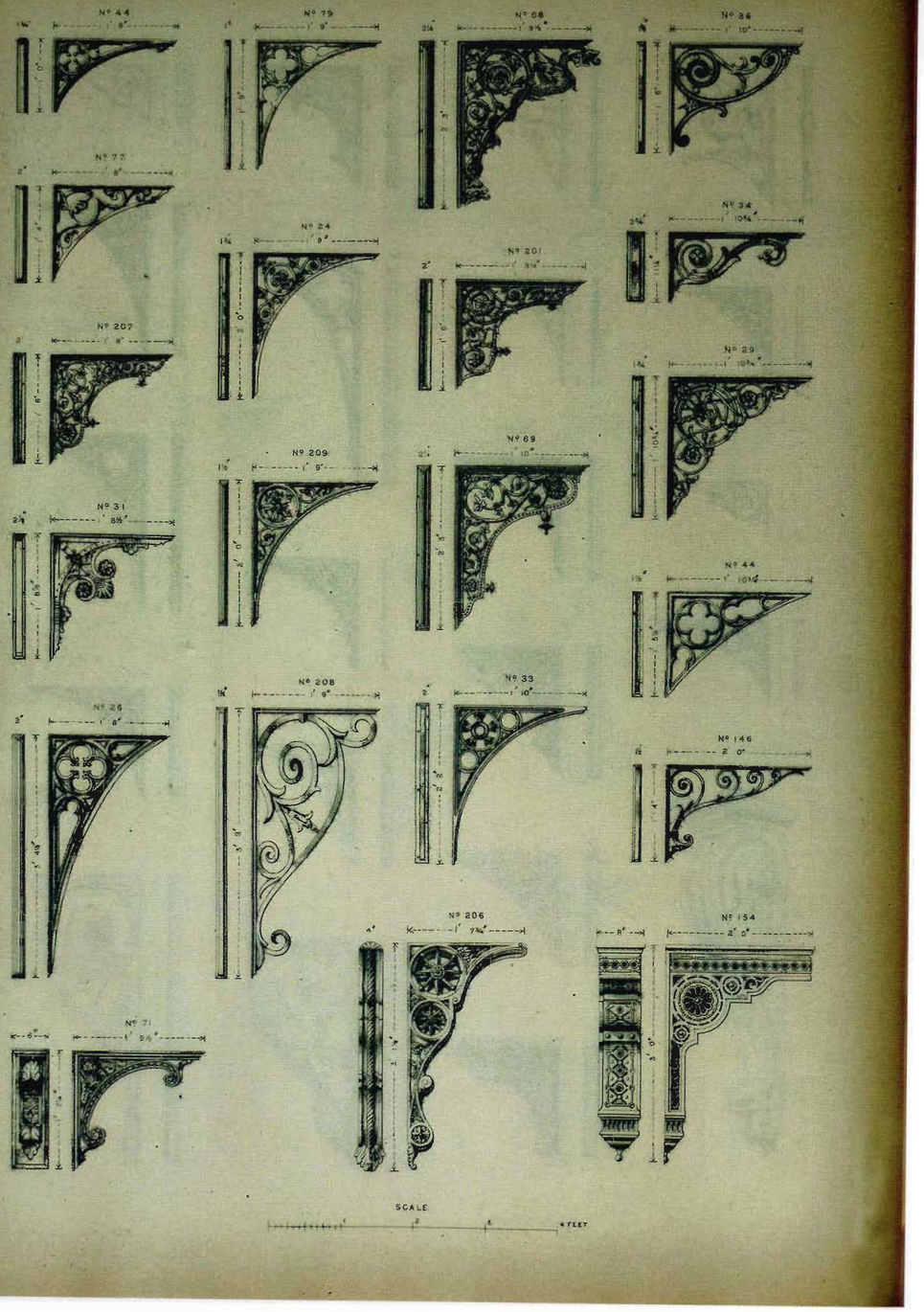
MACFARLANE'S CASTINGS — BRACKETS



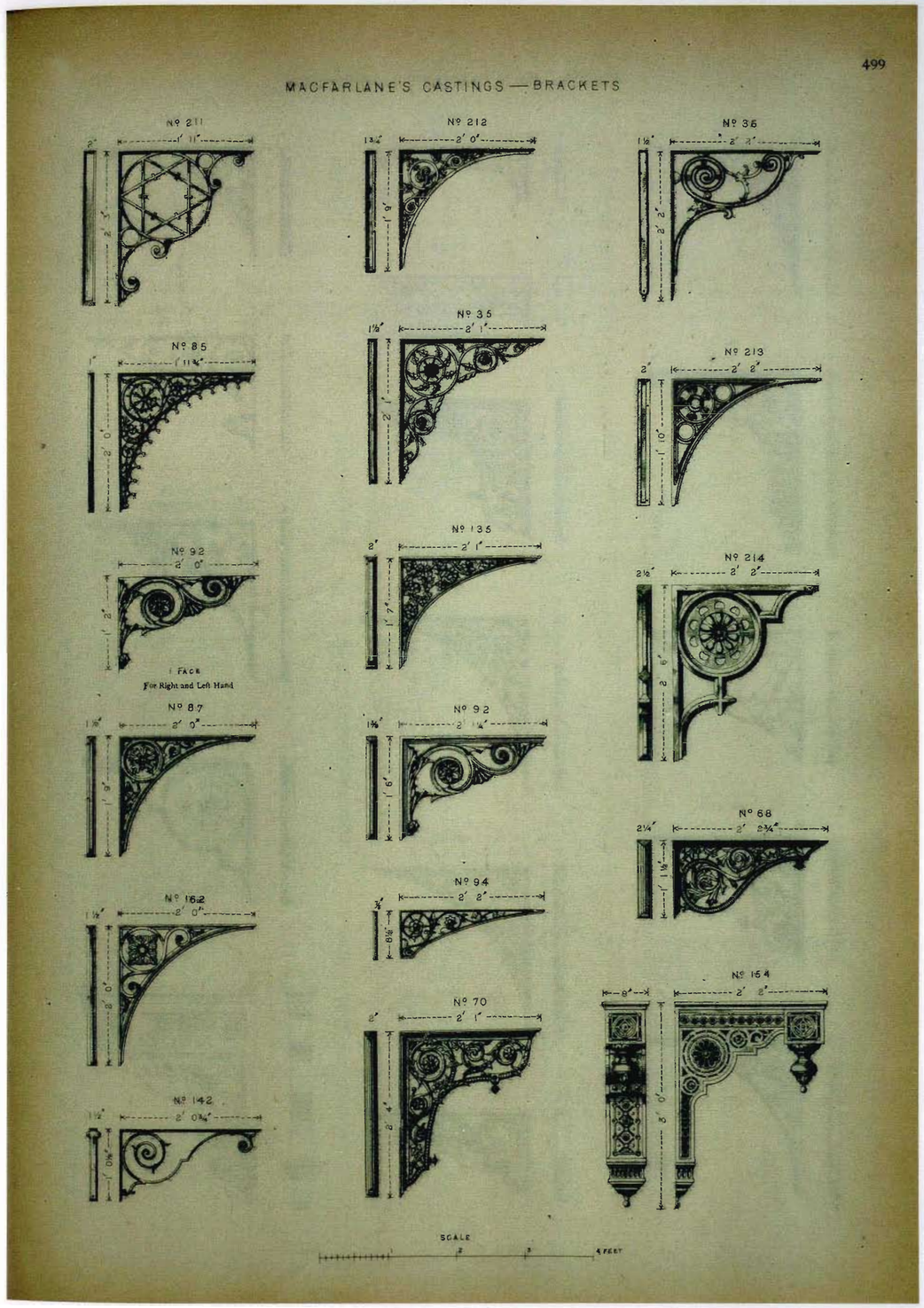
MACFARLANE'S CASTINGS — BRACKETS

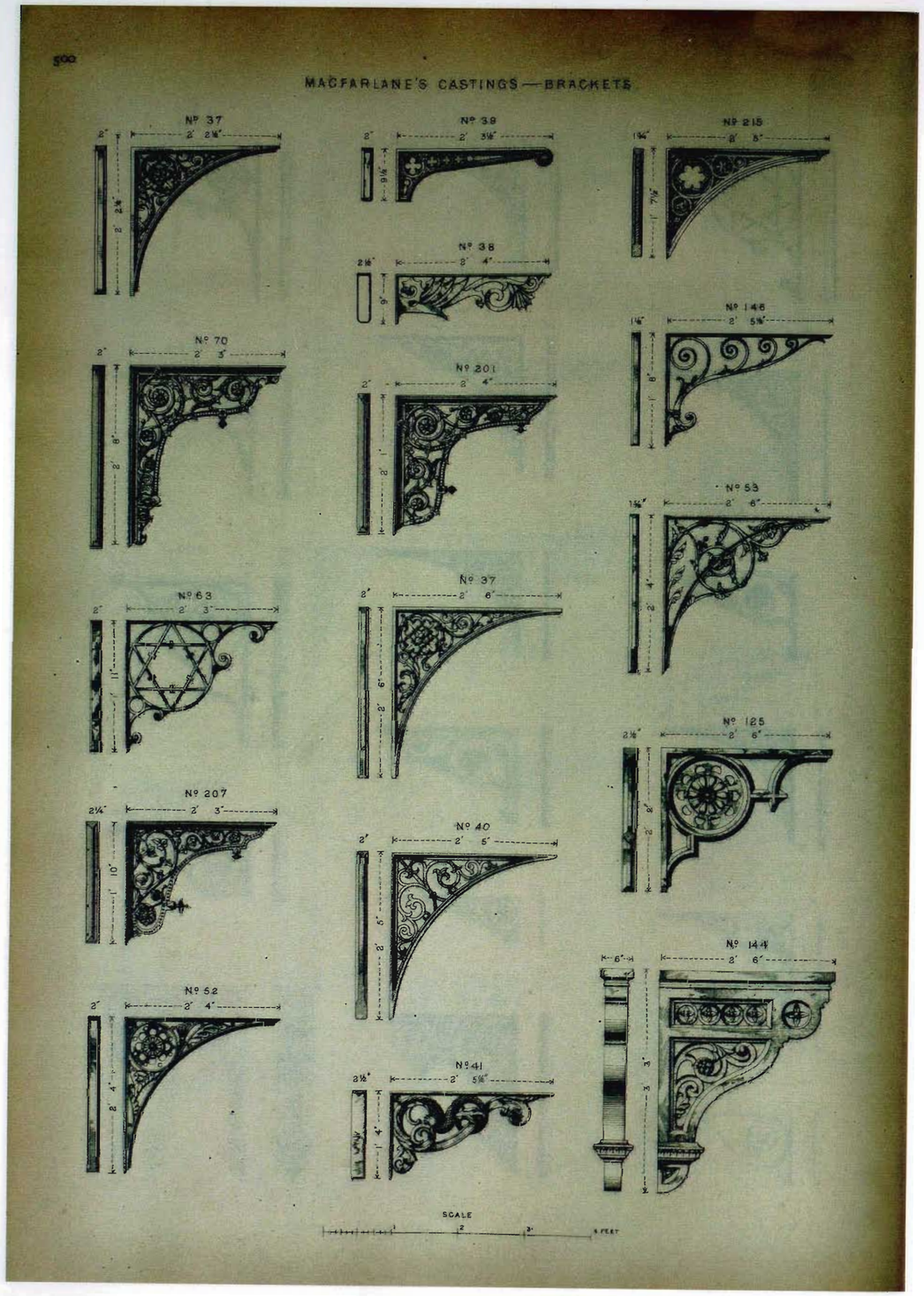


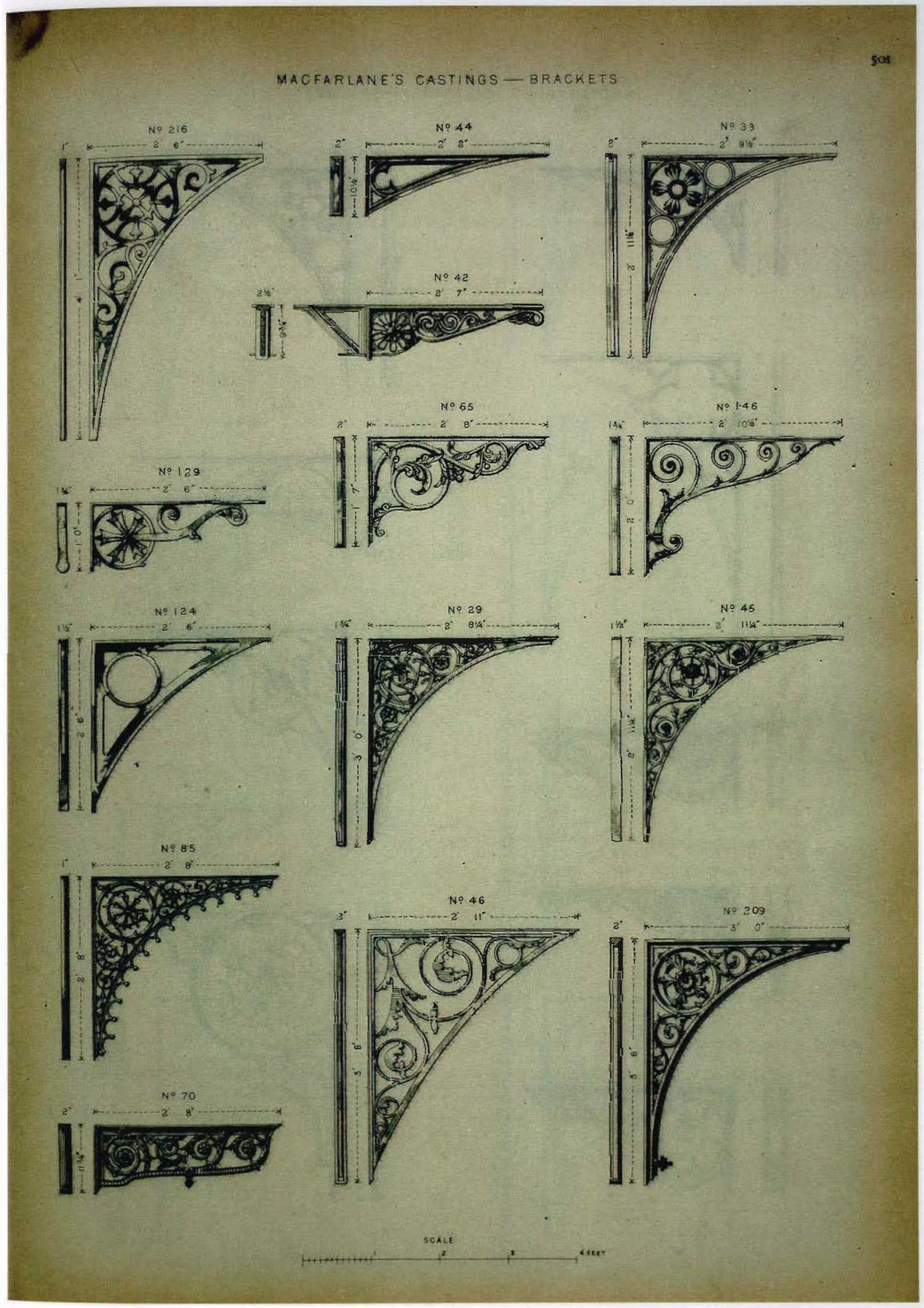
MACFARLANE'S CASTINGS — BRACKETS



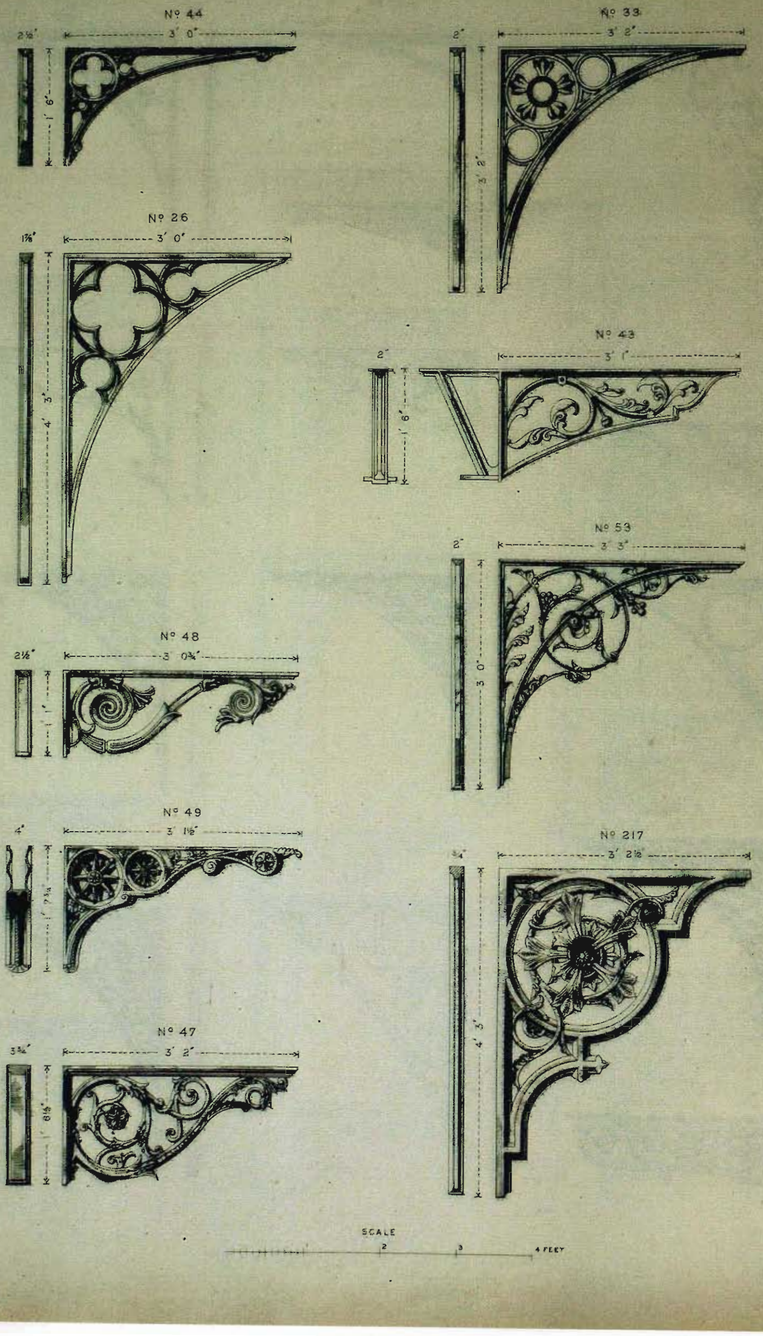
MACFARLANE'S CASTINGS — BRACKETS



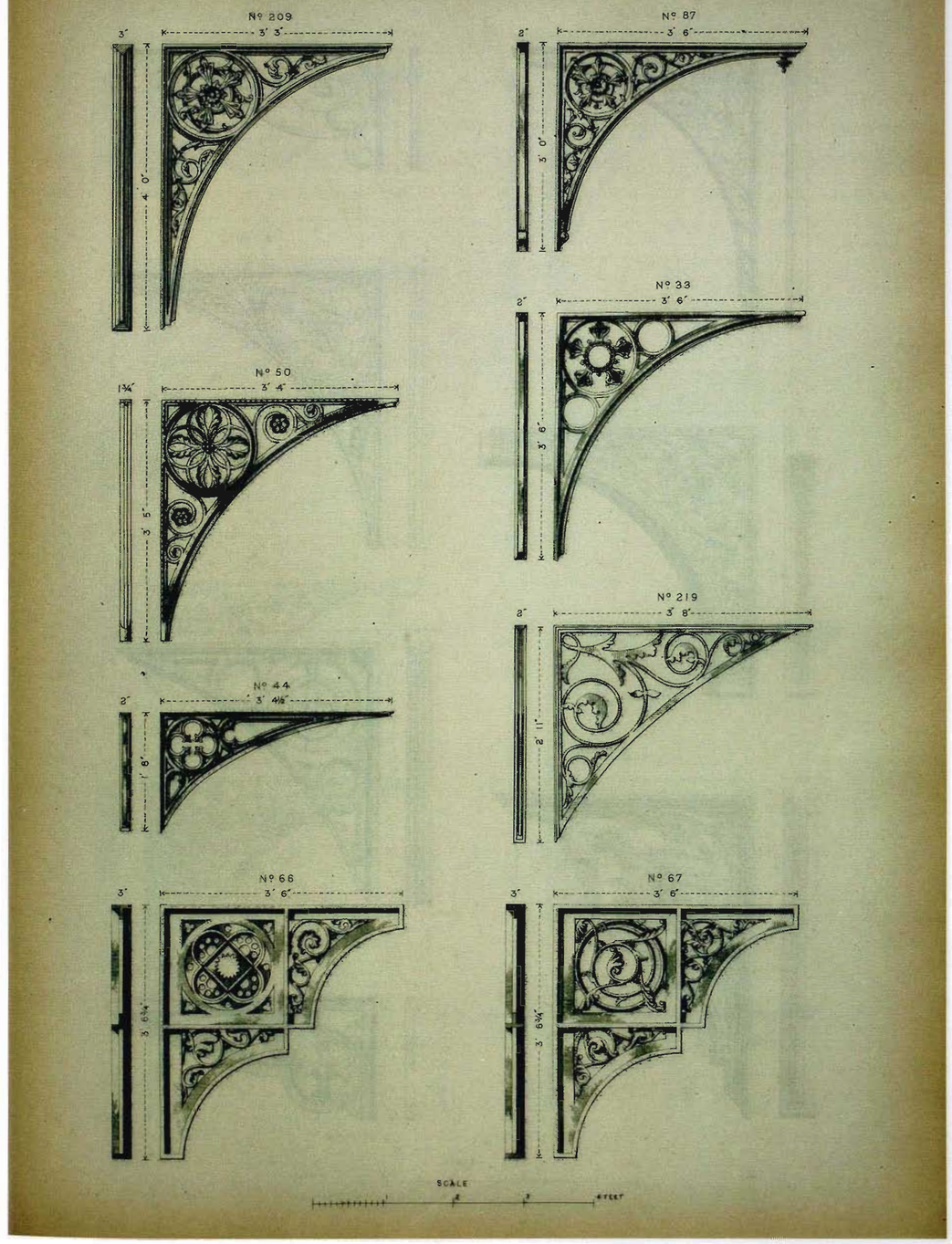

500
MACFARLANE'S CASTINGS — BRACKETS
Nº 37
Nº 39
Nº 215
Nº 38
Nº 146
Nº 70
Nº 201
Nº 53
Nº 63
Nº 37
Nº 125
Nº 207
Nº 40
Nº 144
Nº 52
Nº 41
SCALE


501
MACFARLANE'S CASTINGS — BRACKETS
Nº 216
Nº 44
Nº 33
Nº 42
Nº 65
Nº 146
Nº 129
Nº 124
Nº 29
Nº 45
Nº 85
Nº 46
Nº 209
Nº 70
SCALE

MACFARLANE'S CASTINGS — BRACKETS

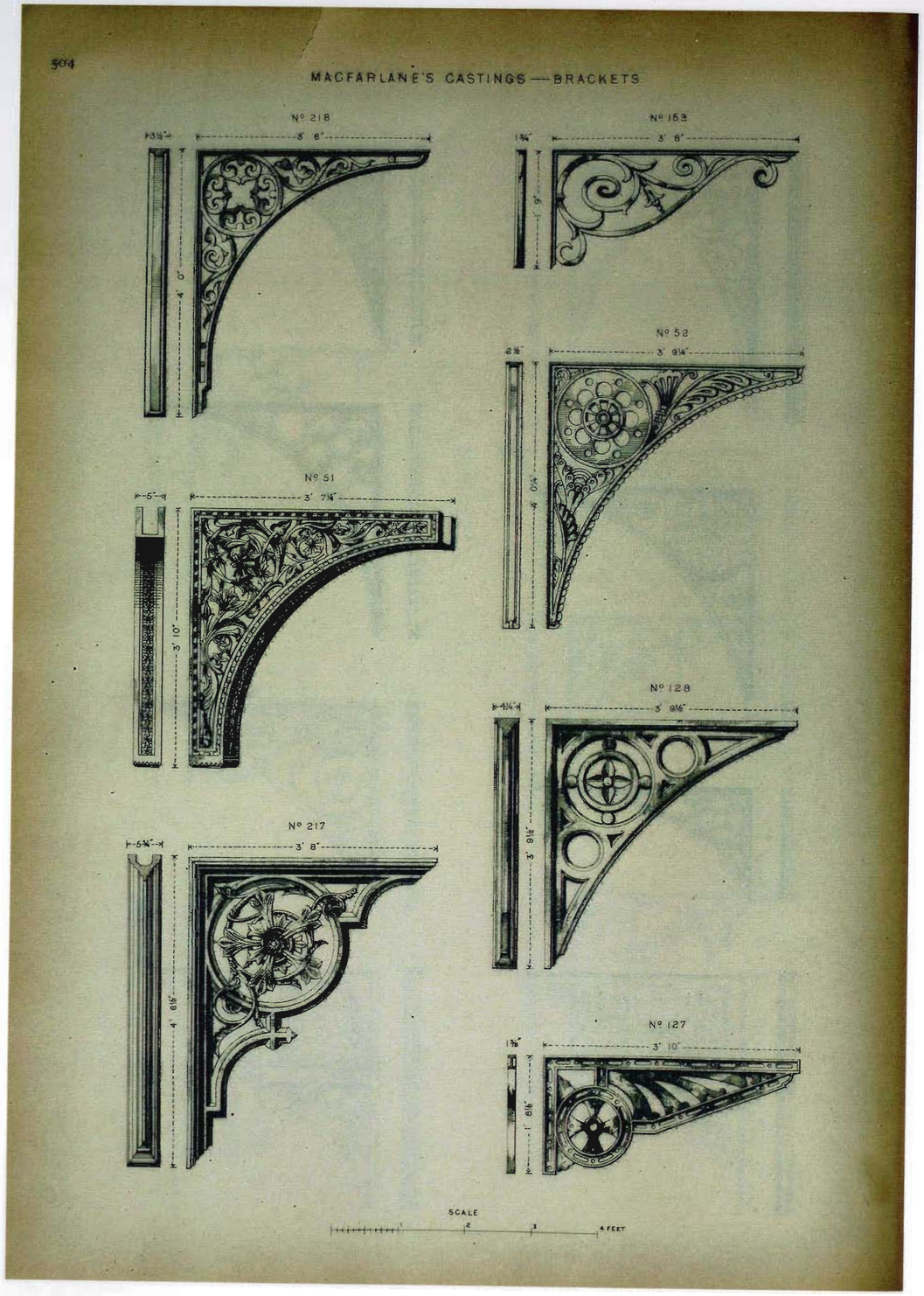


MACFARLANE'S CASTINGS — BRACKETS



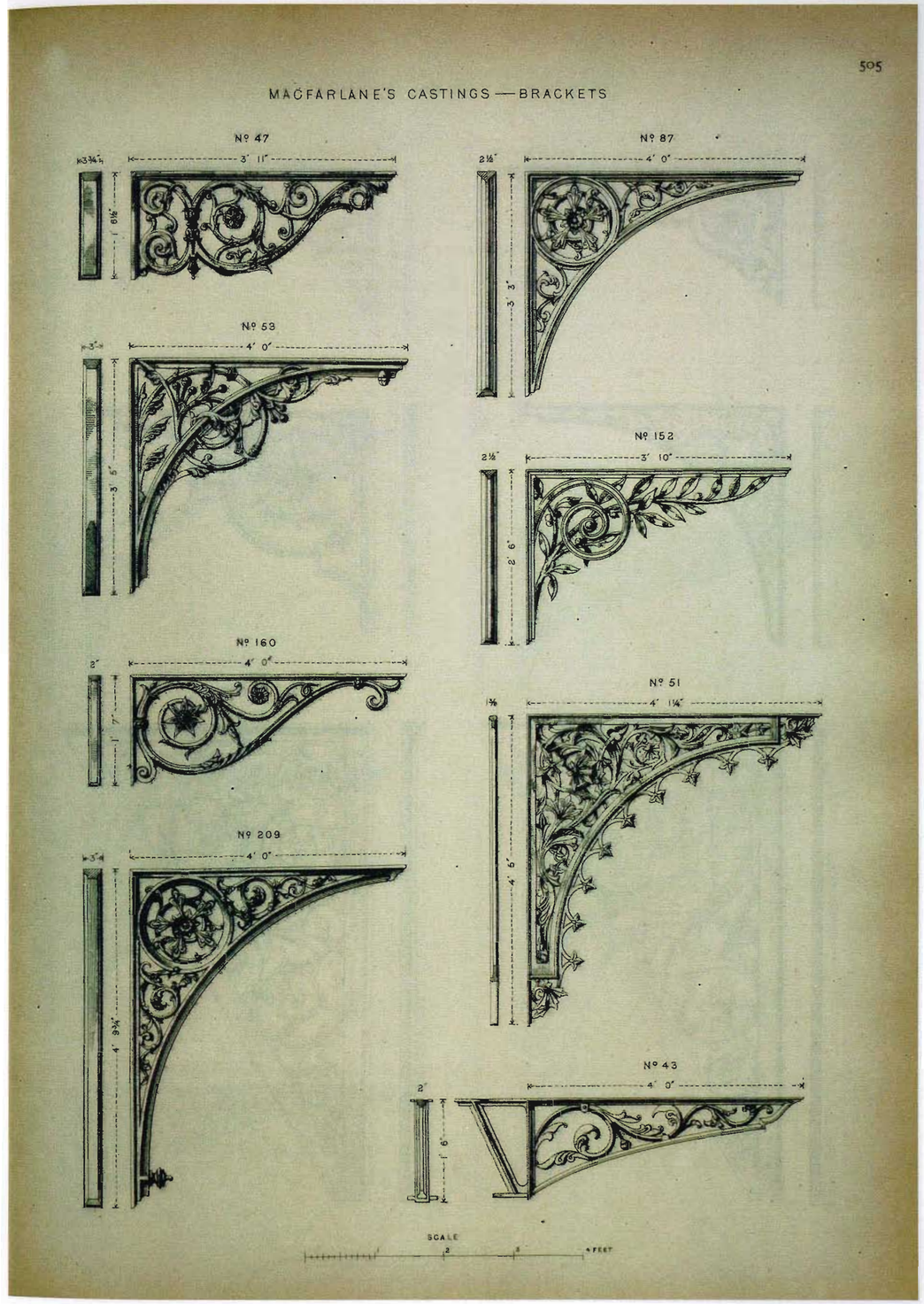
504

MACFARLANE'S CASTINGS — BRACKETS



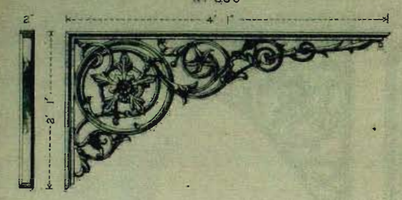
505

MACFARLANE'S CASTINGS — BRACKETS

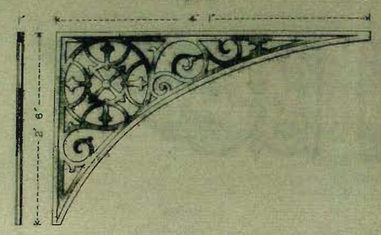


MACFARLANE'S CASTINGS — BRACKETS

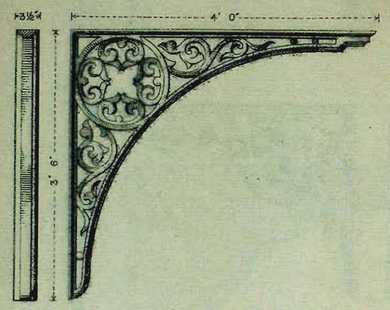
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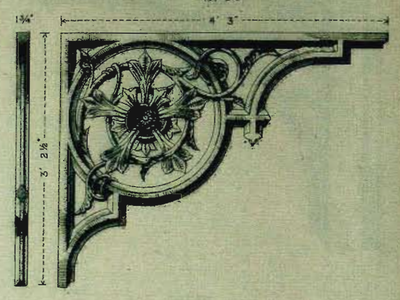
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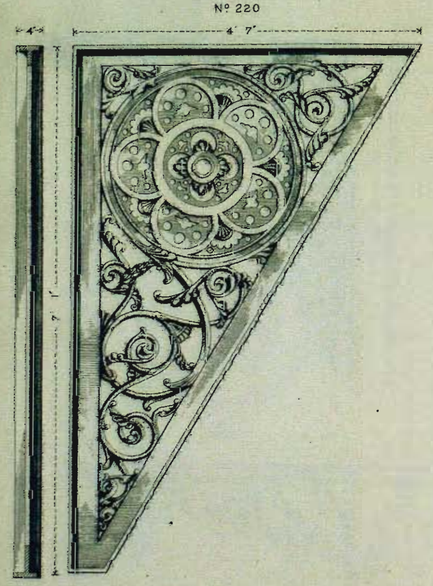
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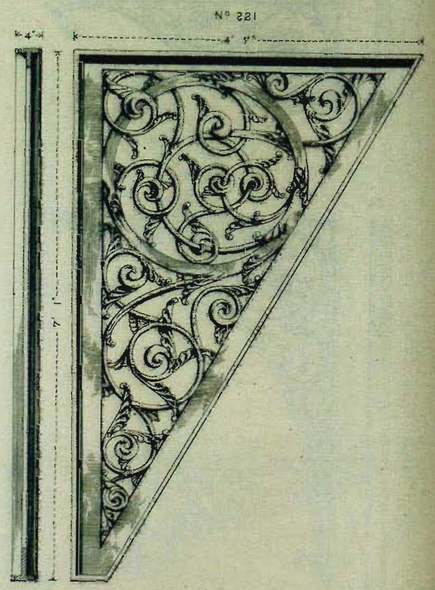
Nº 55



Nº 220



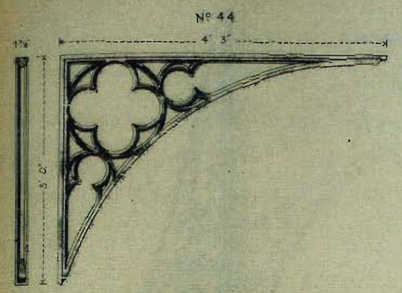
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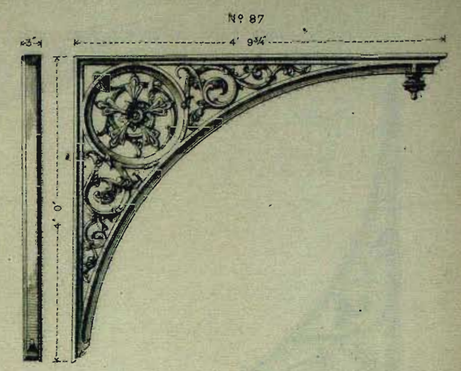
SCALE 1 2 3 4 FEET

MACFARLANE'S CASTINGS — BRACKETS

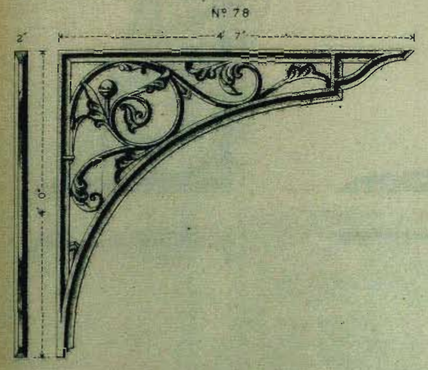
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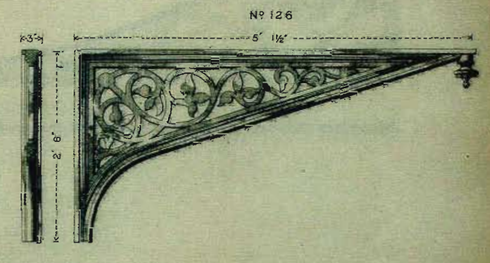
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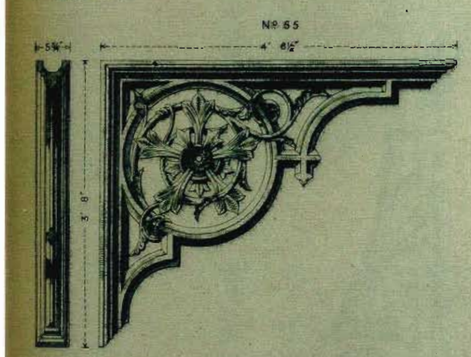
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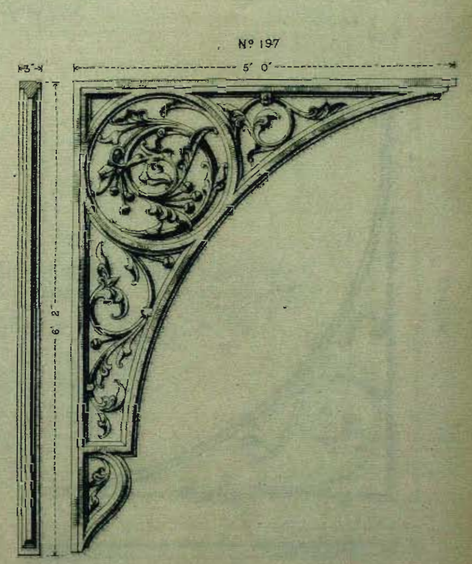
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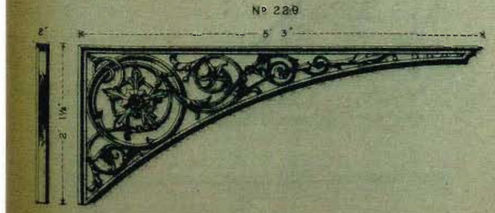
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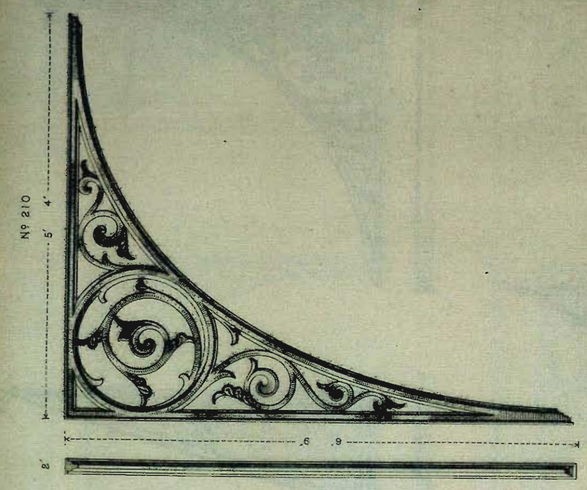


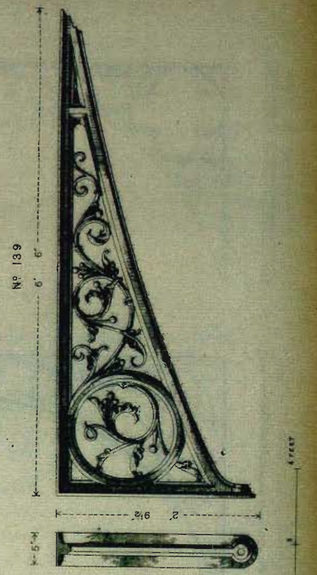
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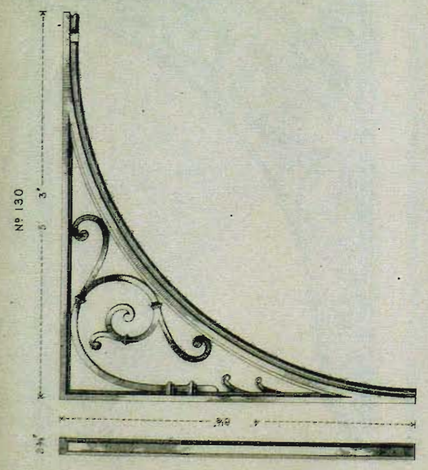


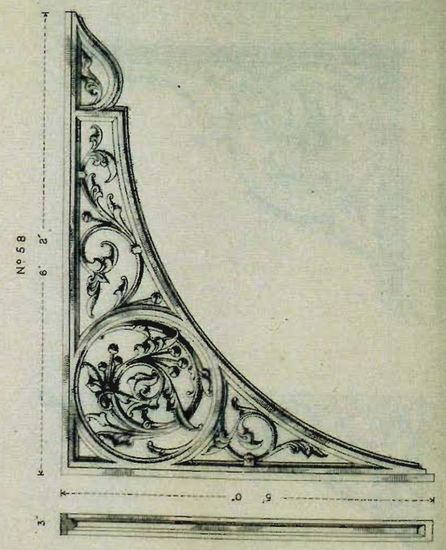
SCALE 1 2 3 4 FEET

MACFARLANE'S CASTINGS — BRACKETS





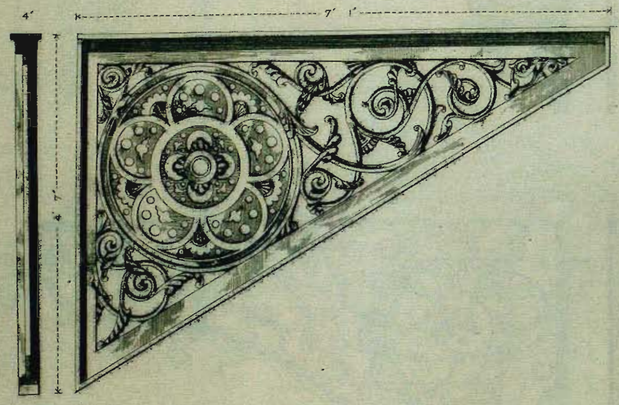




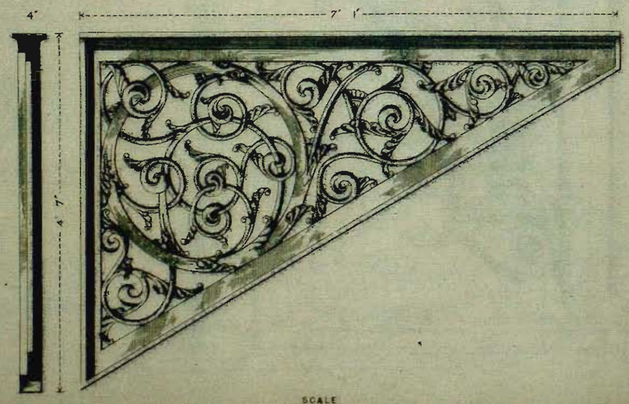
Nº 149



Nº 222



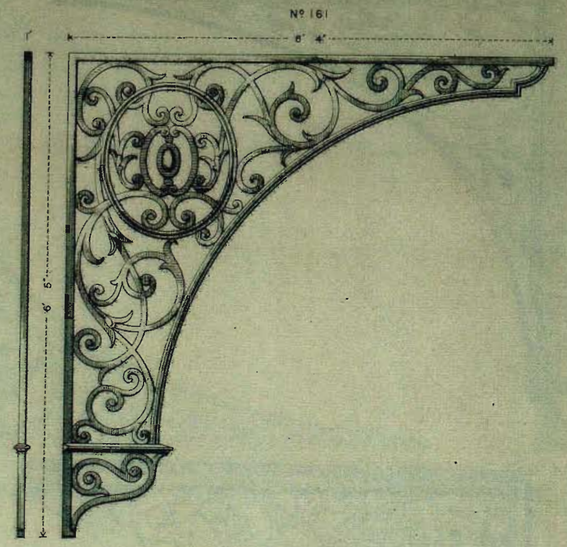
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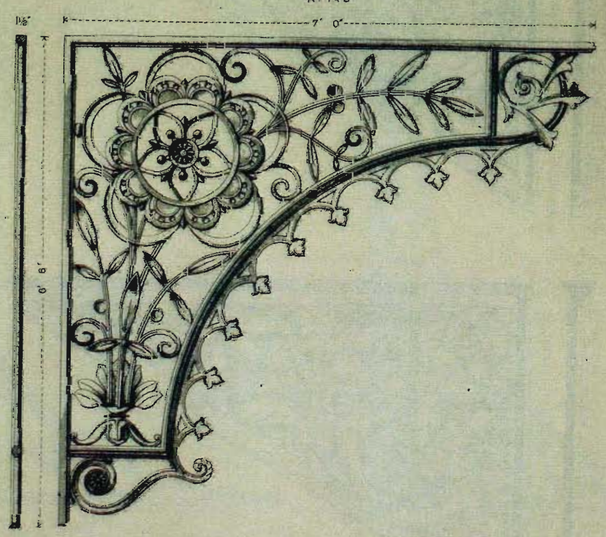


MACFARLANE'S CASTINGS — BRACKETS

Nº 161



Nº 143

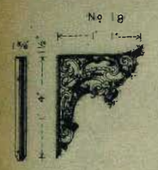


SCALE

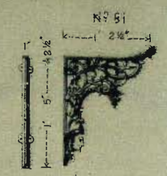
MACFARLANE'S CASTINGS — CURVED AND BEVELLED BRACKETS

For Ship Saloons, Conservatories, Greenhouses, Verandahs, Covered Ways, Stations, Glazed Roofs, &c.

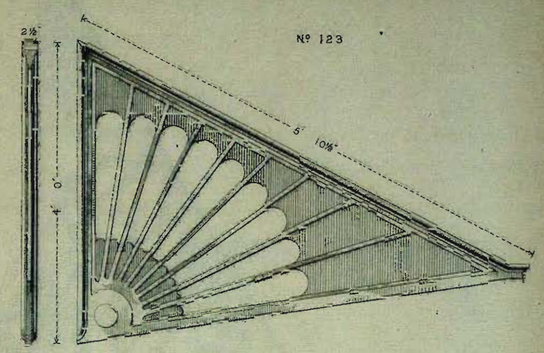
Nº 18



Nº 51



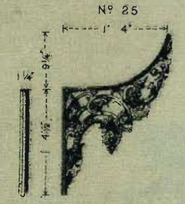
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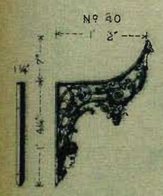
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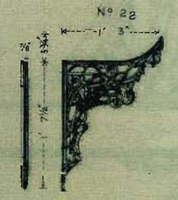
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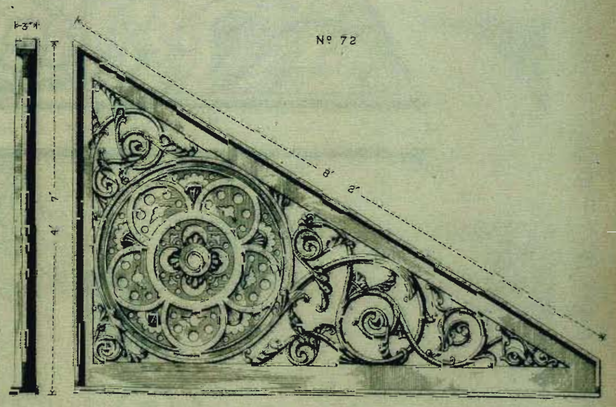
Nº 30



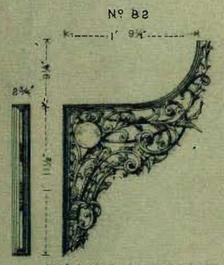
Nº 22



Nº 72

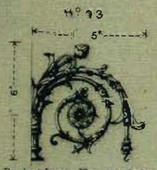


Nº 82



Any device can be added in Circle to order.

Nº 93

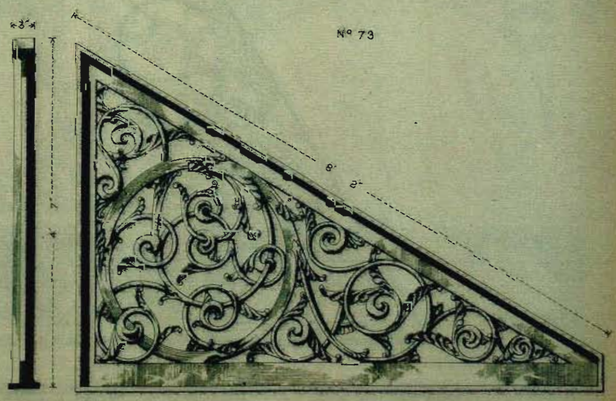


For Pendant Lamp, Flowers, or Filament.

Nº 28



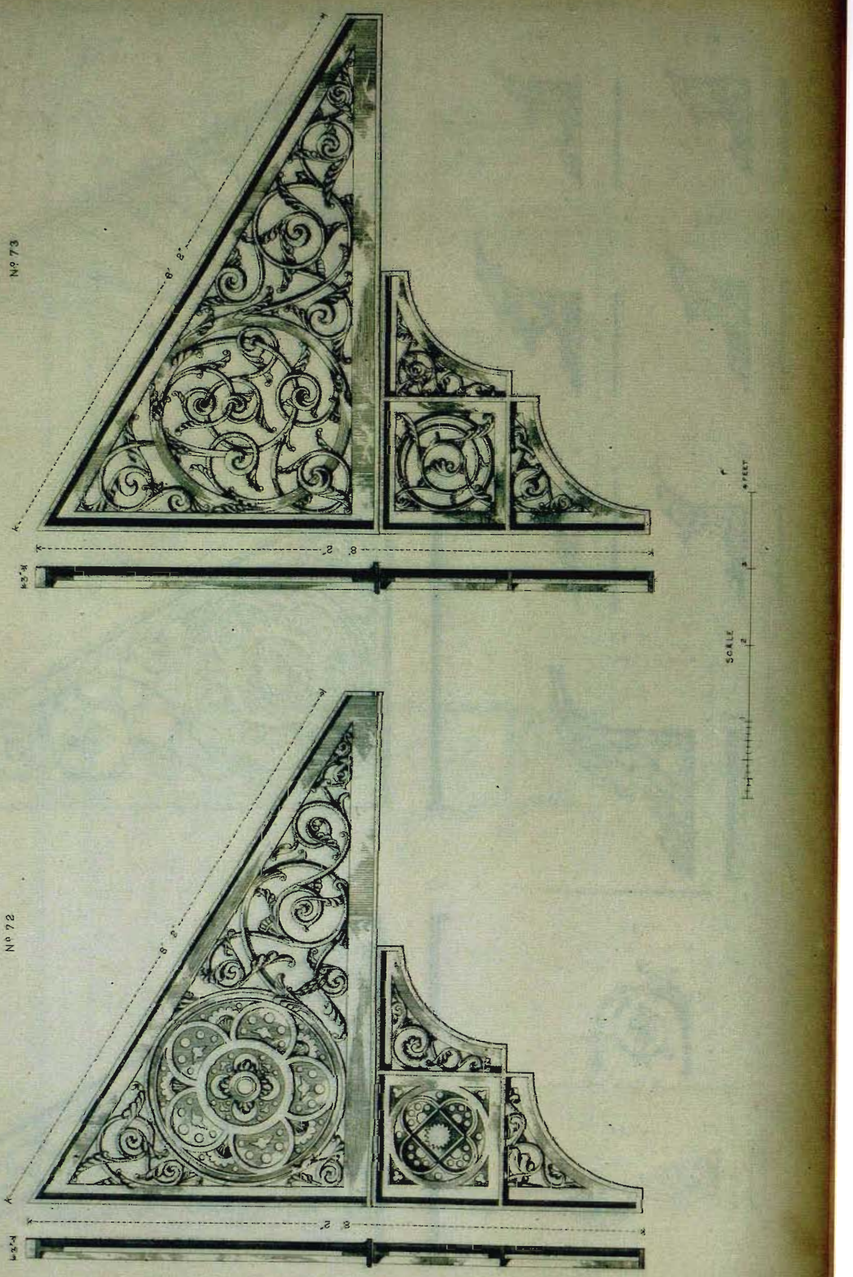
Nº 73



SCALE

512

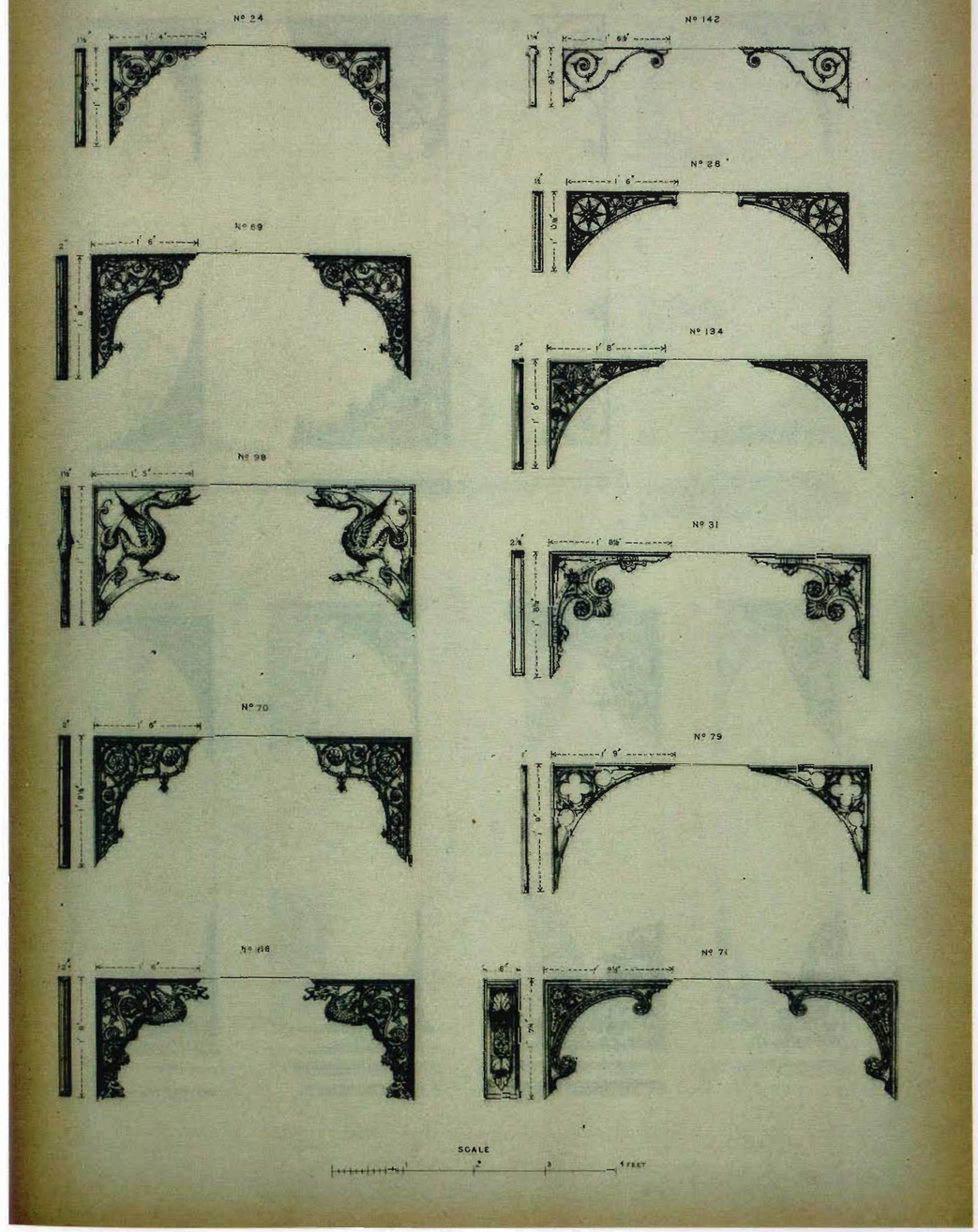
MACFARLANE'S CASTINGS — BEVELLED BRACKETS

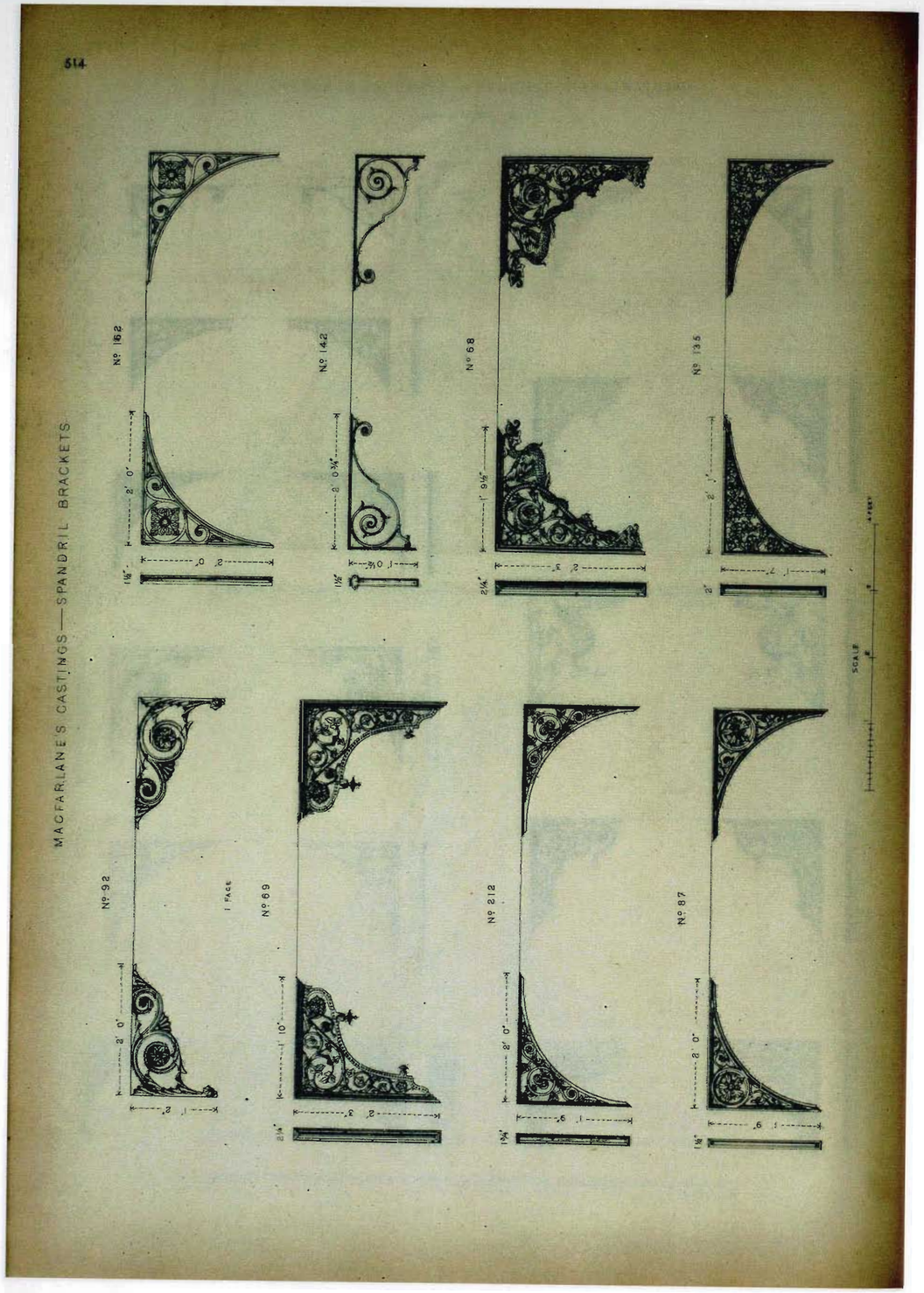


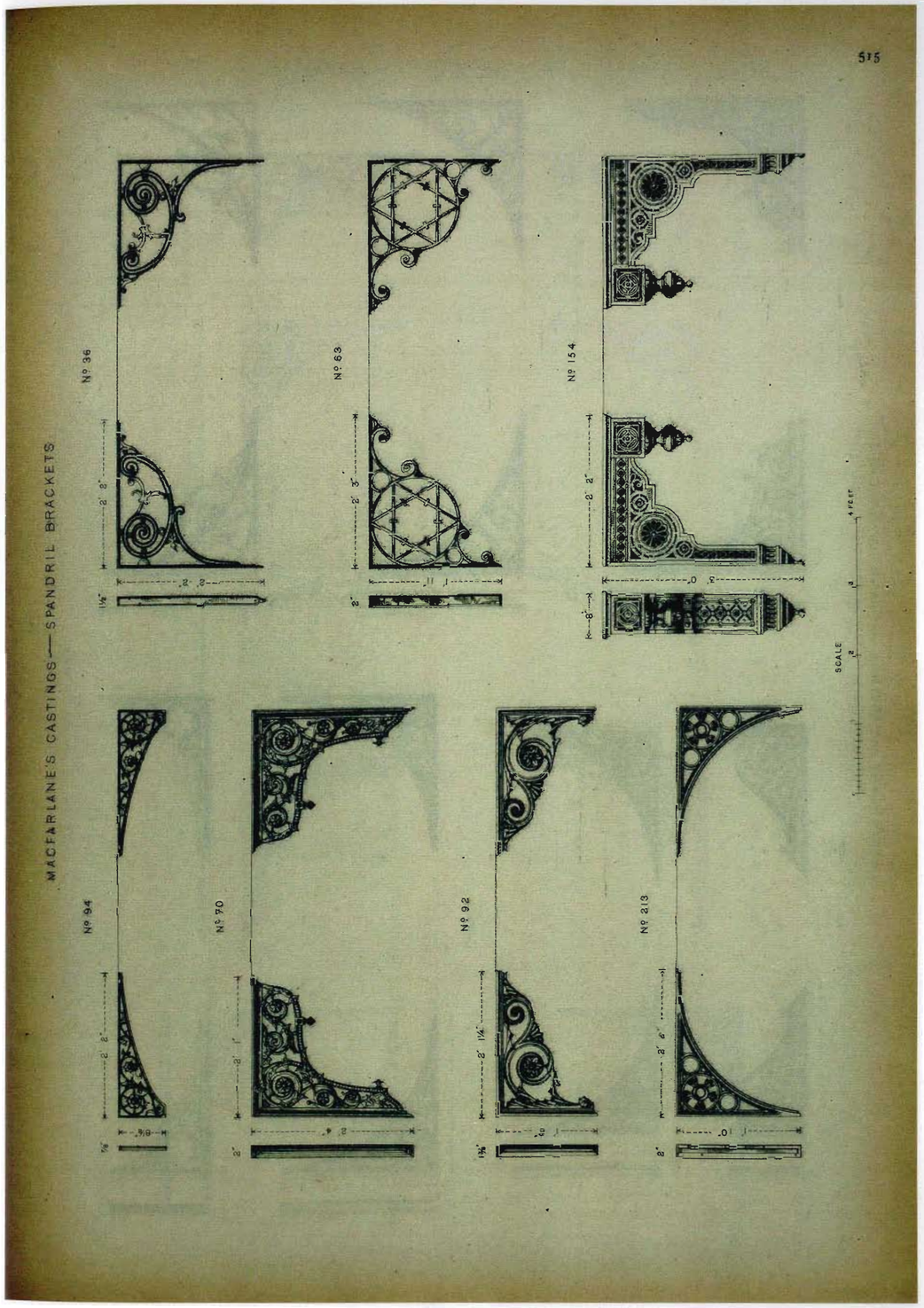
513

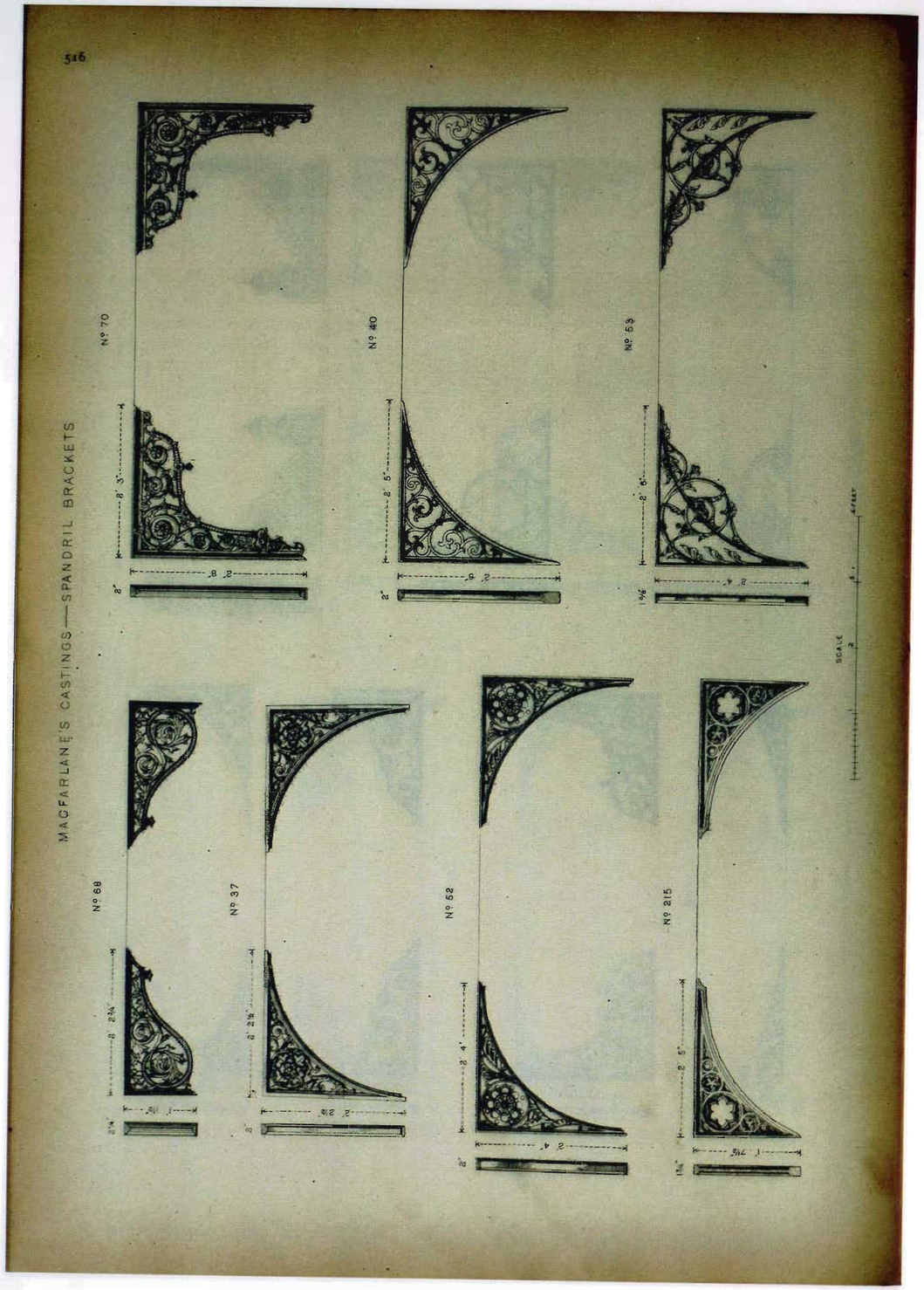
MACFARLANE'S CASTINGS — SPANDRIL BRACKETS

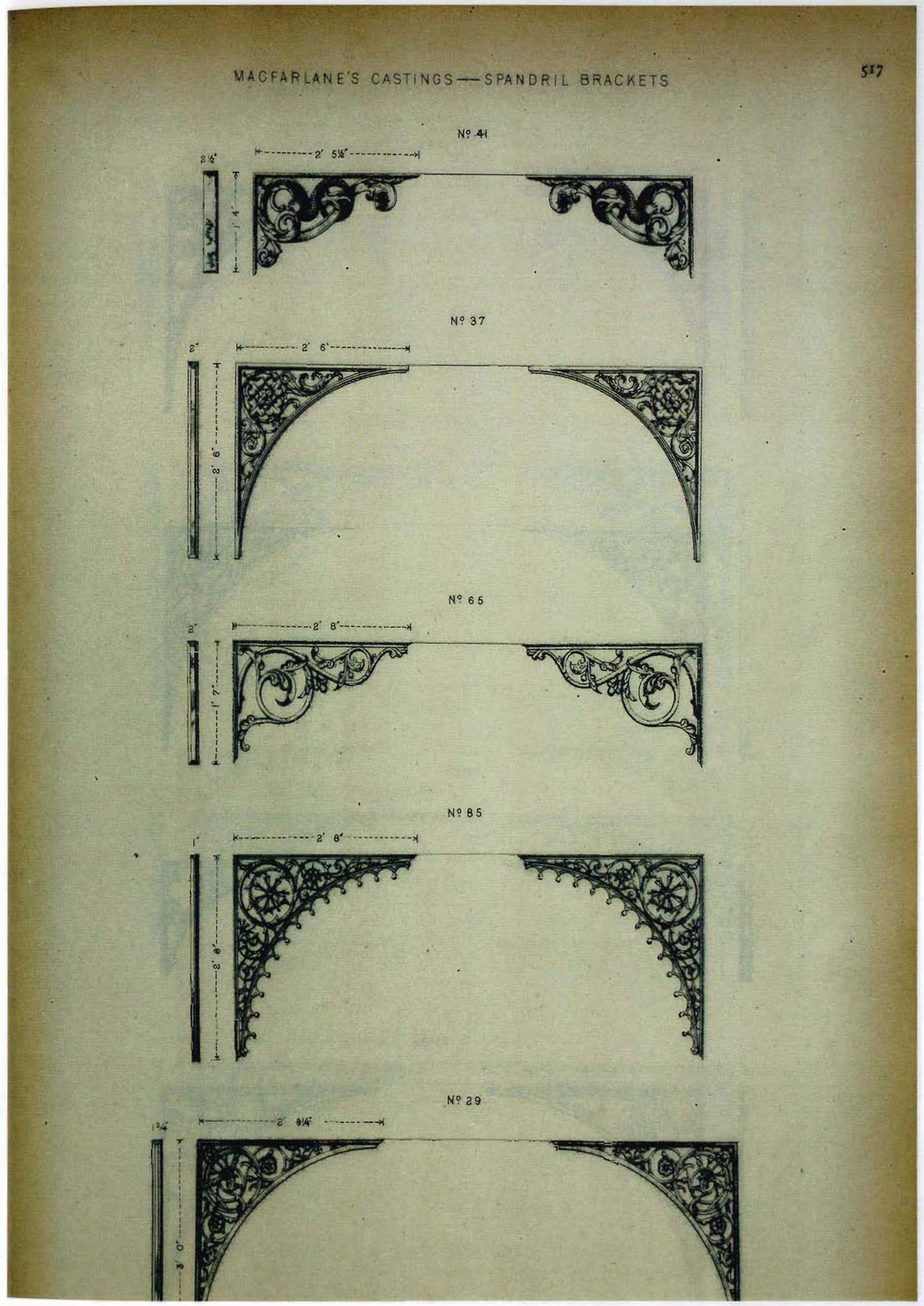
For any width of opening.




514
MACFARLANE'S CASTINGS — SPANDRIL BRACKETS
Nº 162
Nº 142
Nº 68
Nº 135
Nº 92
1 FACE
Nº 69
Nº 212
Nº 87
SCALE


515
MACFARLANE'S CASTINGS — SPANDRIL BRACKETS
Nº 36
Nº 63
Nº 154
Nº 94
Nº 70
Nº 92
Nº 213
SCALE

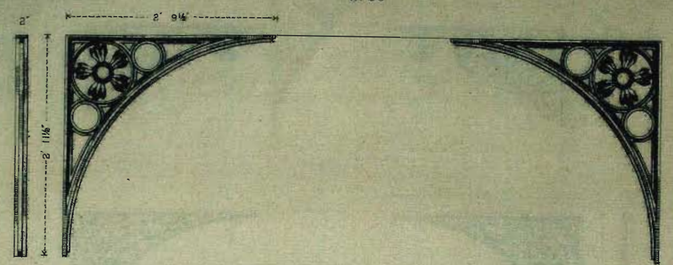

516
MACFARLANE'S CASTINGS — SPANDRIL BRACKETS
Nº 70
Nº 40
Nº 53
Nº 68
Nº 37
Nº 52
Nº 215
SCALE


MACFARLANE'S CASTINGS — SPANDRIL BRACKETS
517
Nº 41
Nº 37
Nº 65
Nº 85
Nº 29

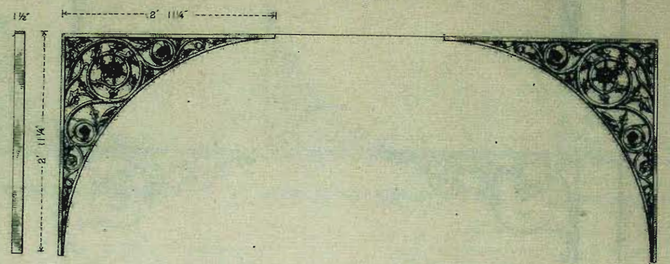
518

MACFARLANE'S CASTINGS — SPANDRIL BRACKETS

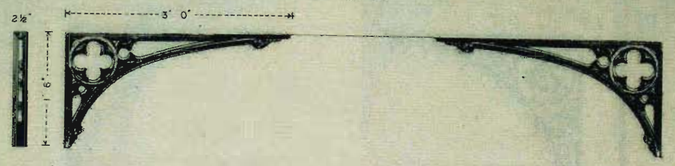
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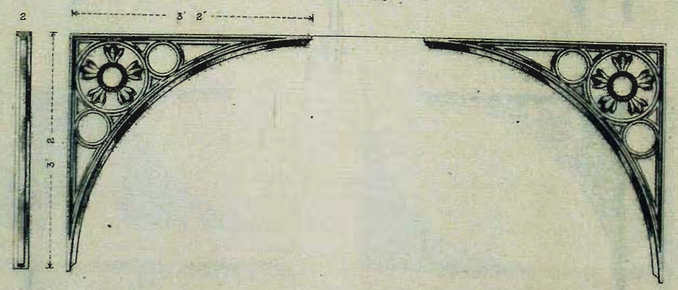
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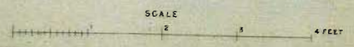


Nº 44



Nº 33

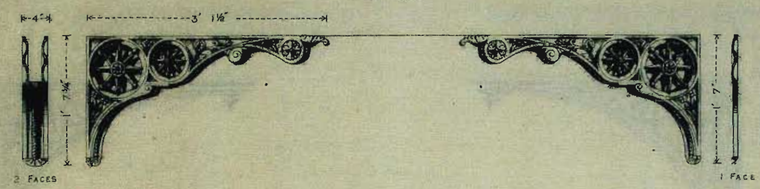




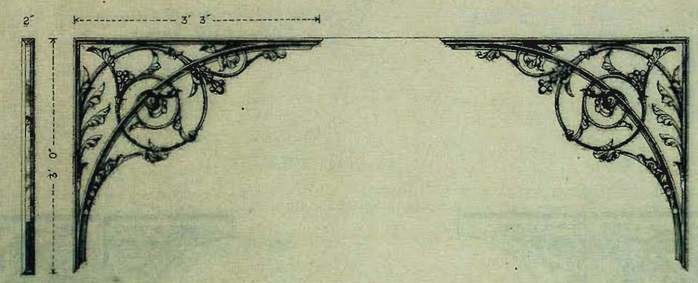
519

MACFARLANE'S CASTINGS — SPANDRIL BRACKETS

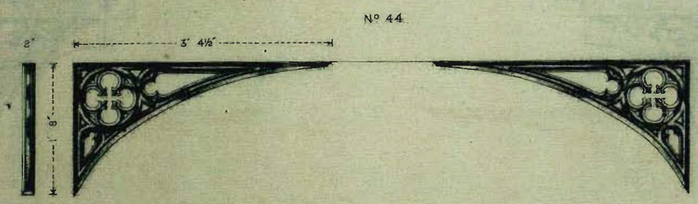
Nº 49



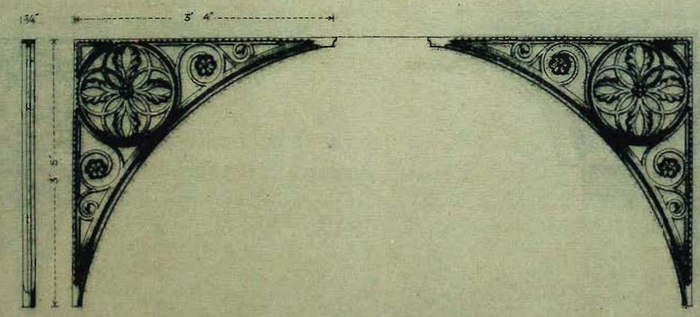
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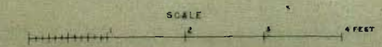


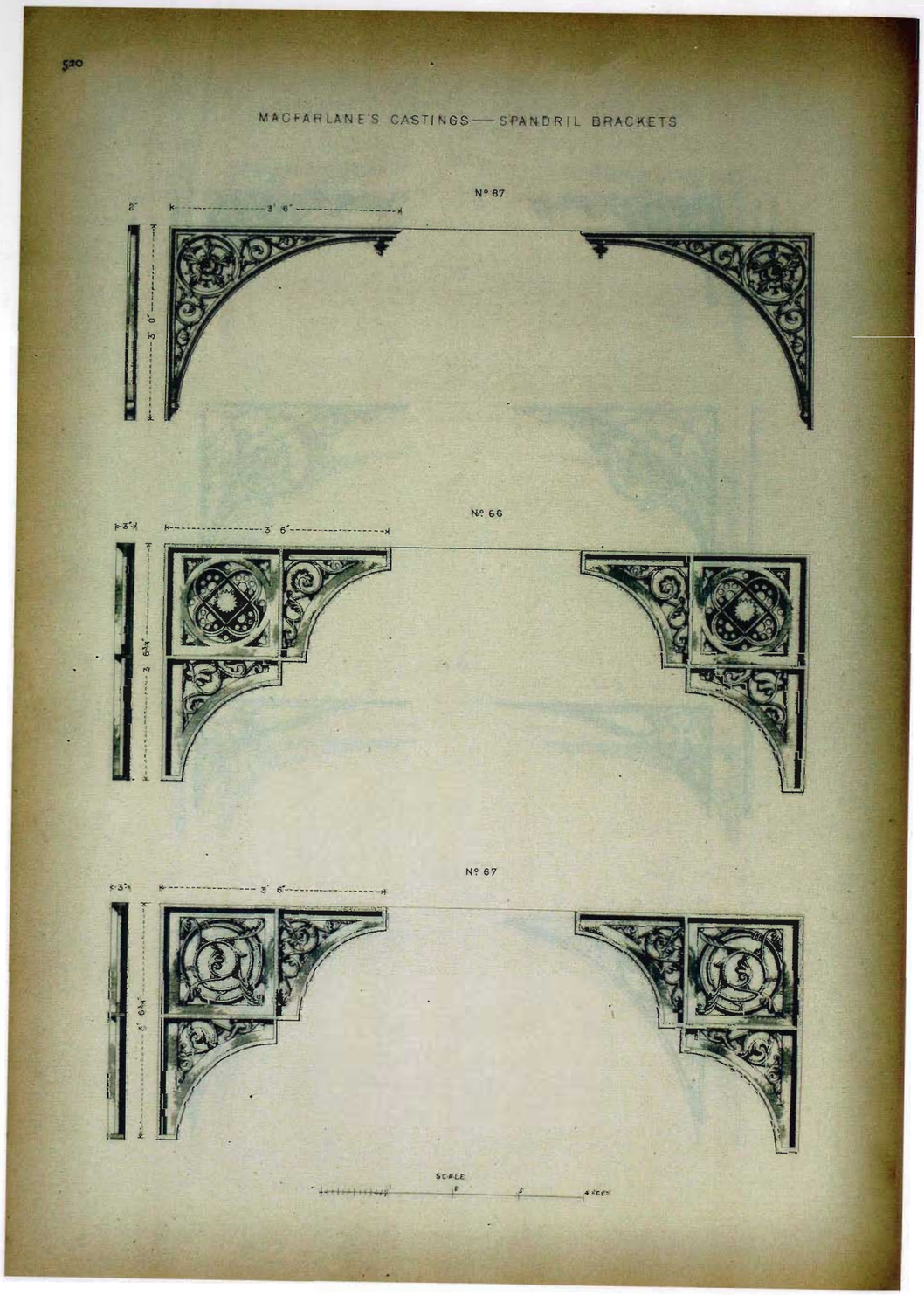
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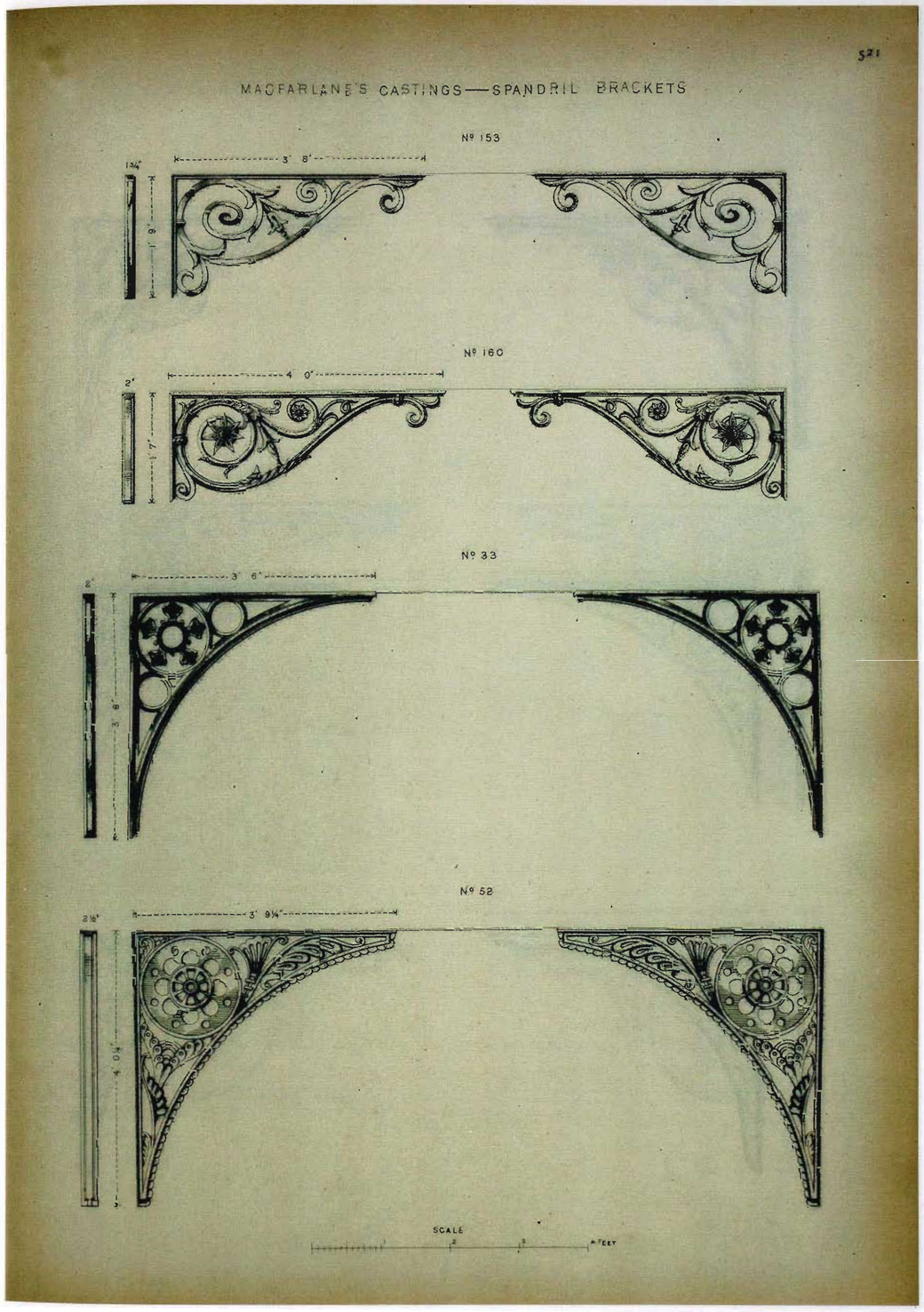


Nº 50



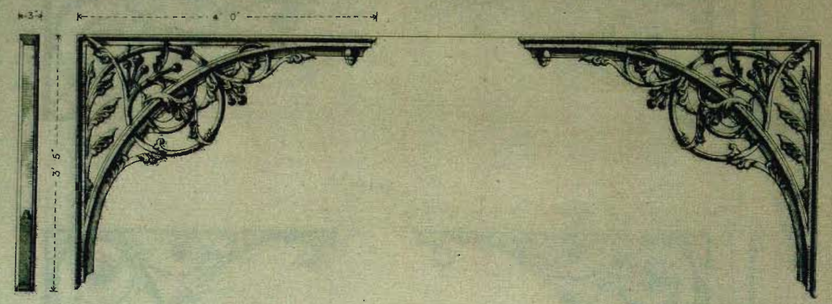



520
MACFARLANE'S CASTINGS — SPANDRIL BRACKETS
Nº 87
2"
3' 6"
3' 0"
Nº 66
3"
3' 6"
3' 6¾"
Nº 67
3"
3' 6"
3' 6¾"
SCALE
1
2
3
4 FEET

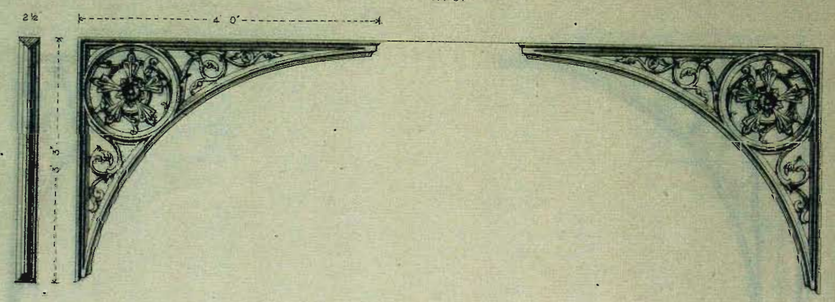

521
MACFARLANE'S CASTINGS — SPANDRIL BRACKETS
Nº 153
1¾"
3' 8"
1' 9"
Nº 160
2"
4' 0"
1' 7"
Nº 33
2"
3' 6"
3' 6"
Nº 52
2½"
3' 9¼"
4' 0¼"
SCALE
1
2
3
4 FEET

MACFARLANE'S CASTINGS — SPANDRIL BRACKETS

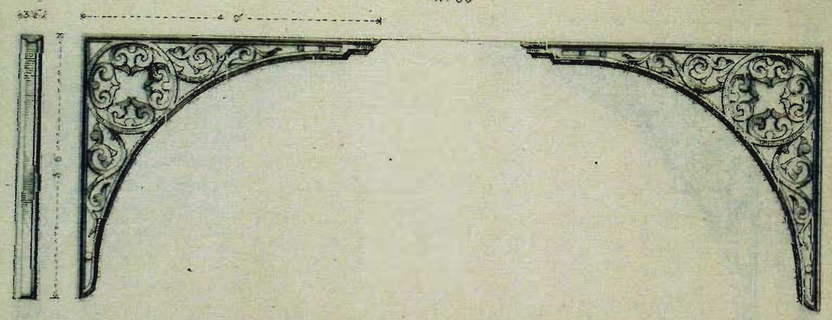
Nº 53



Nº 87

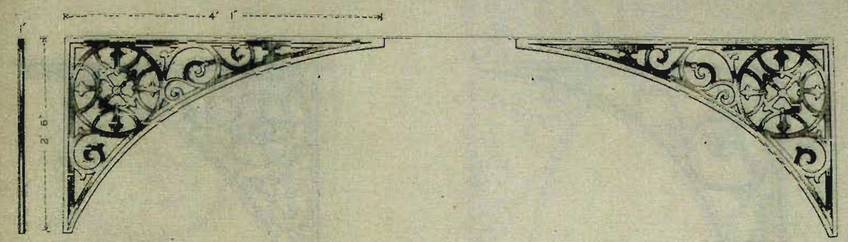


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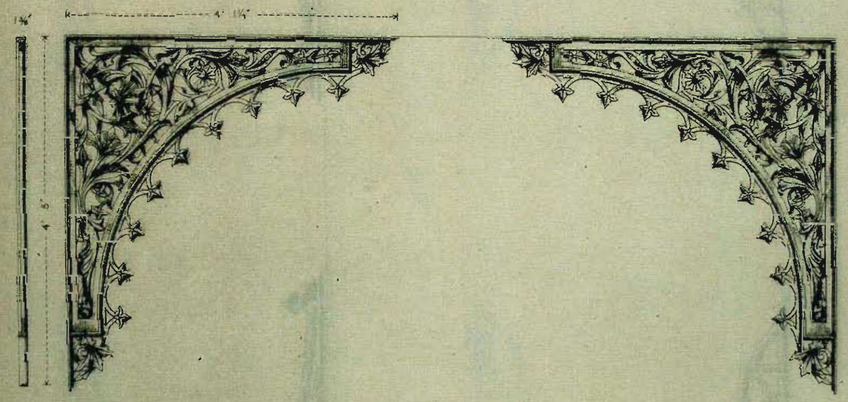


MACFARLANE'S CASTINGS — SPANDRIL BRACKETS

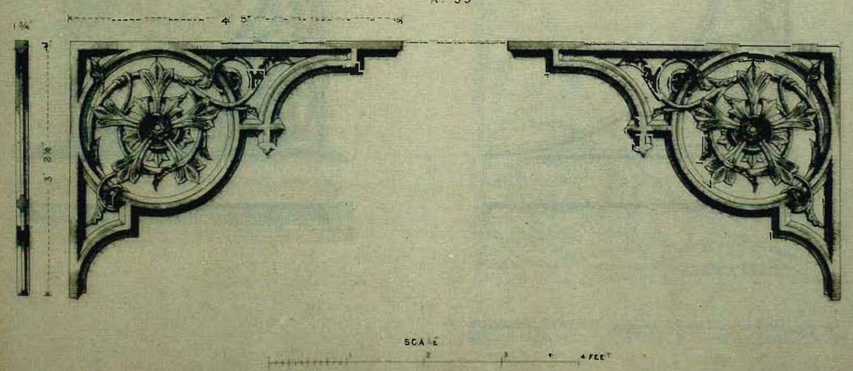
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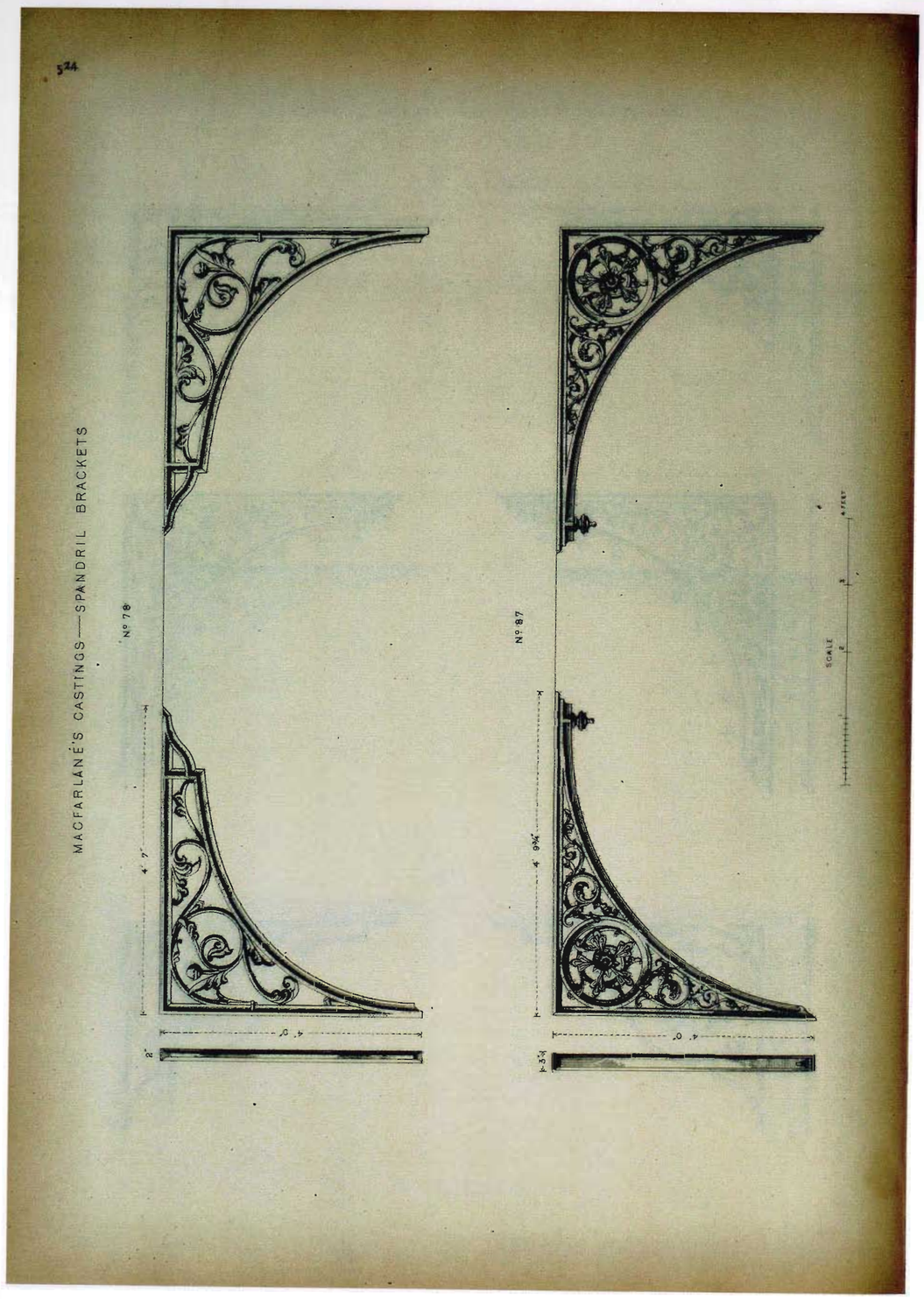


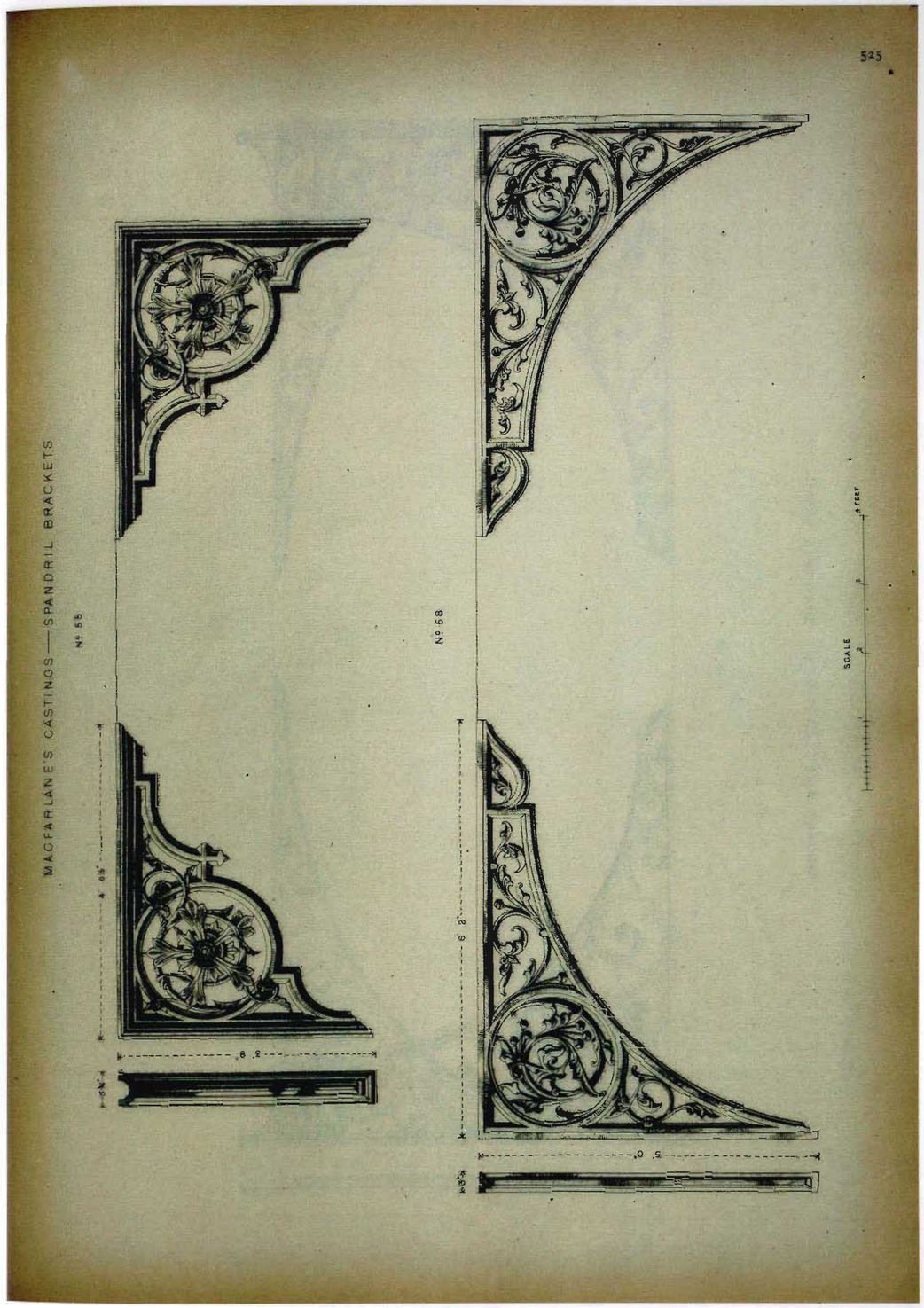
Nº 51



Nº 55

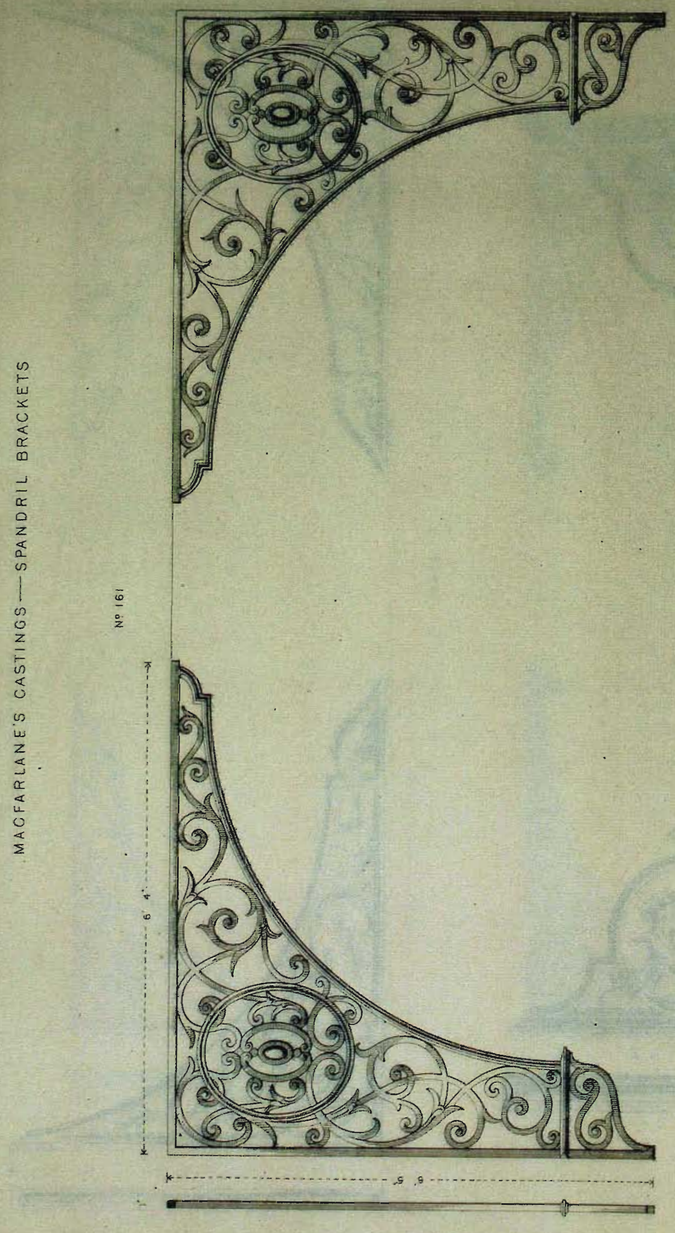



524
MACFARLANE'S CASTINGS — SPANDRIL BRACKETS
Nº 78
4' 7"
4' 0"
2"
Nº 87
4' 9¾"
4' 0"
1-3¼
SCALE
2
4 FEET


525
MACFARLANE'S CASTINGS — SPANDRIL BRACKETS
Nº 55
4' 6½"
3' 8"
1-3¼
Nº 58
6' 2"
5' 0"
1-3¼
SCALE
2
4 FEET

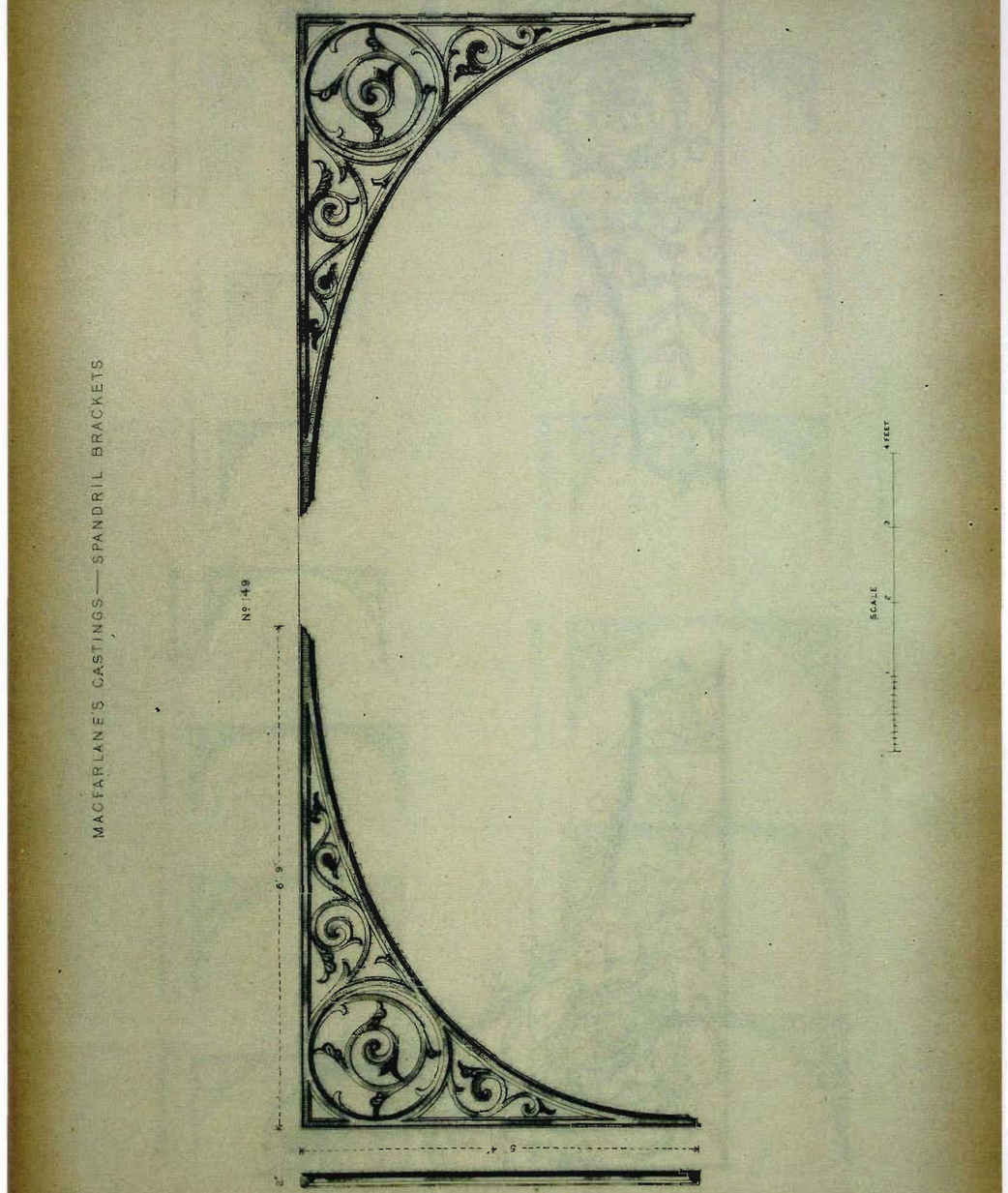
526

MACFARLANE'S CASTINGS — SPANDRIL BRACKETS



527

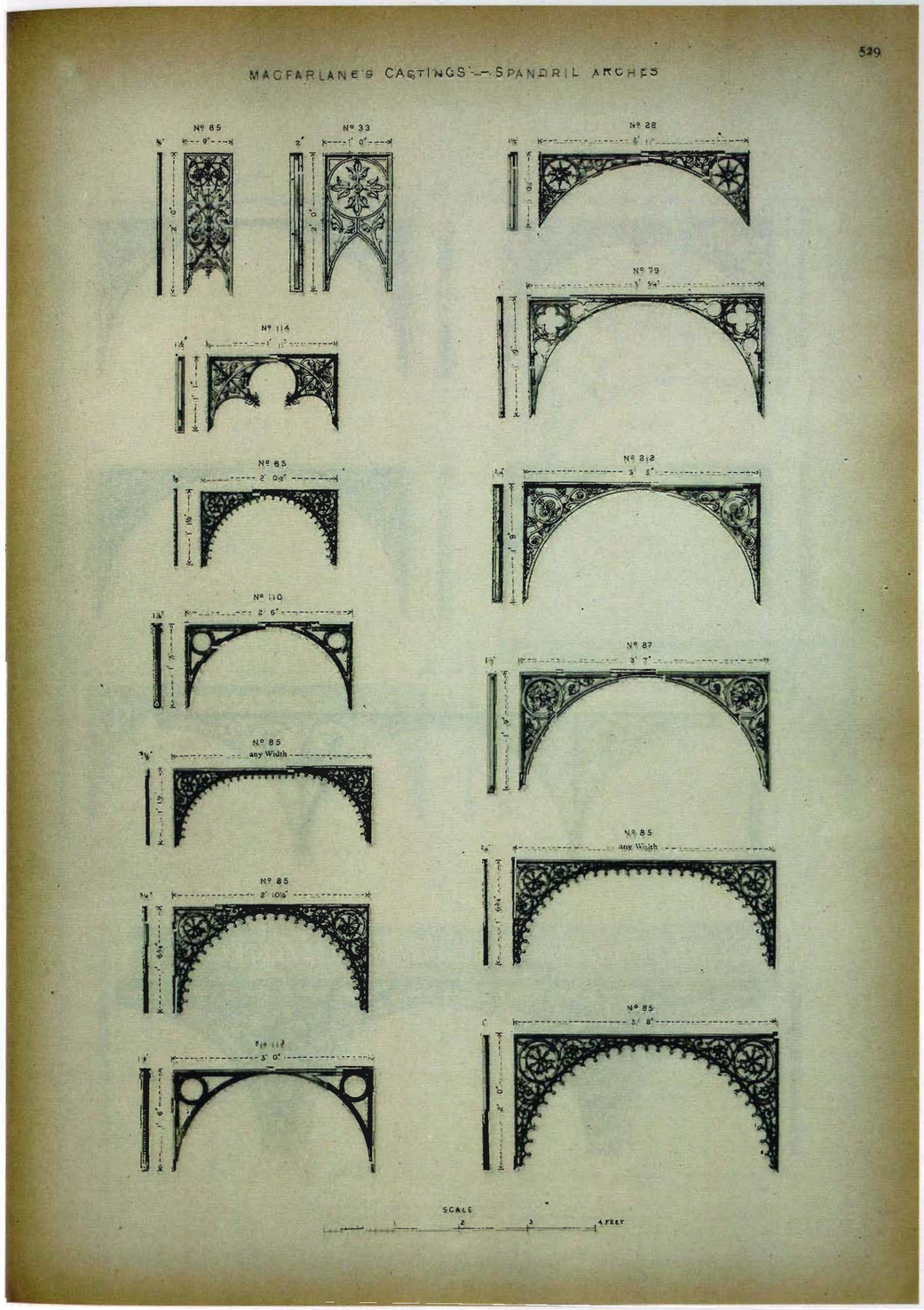
MACFARLANE'S CASTINGS — SPANDRIL BRACKETS



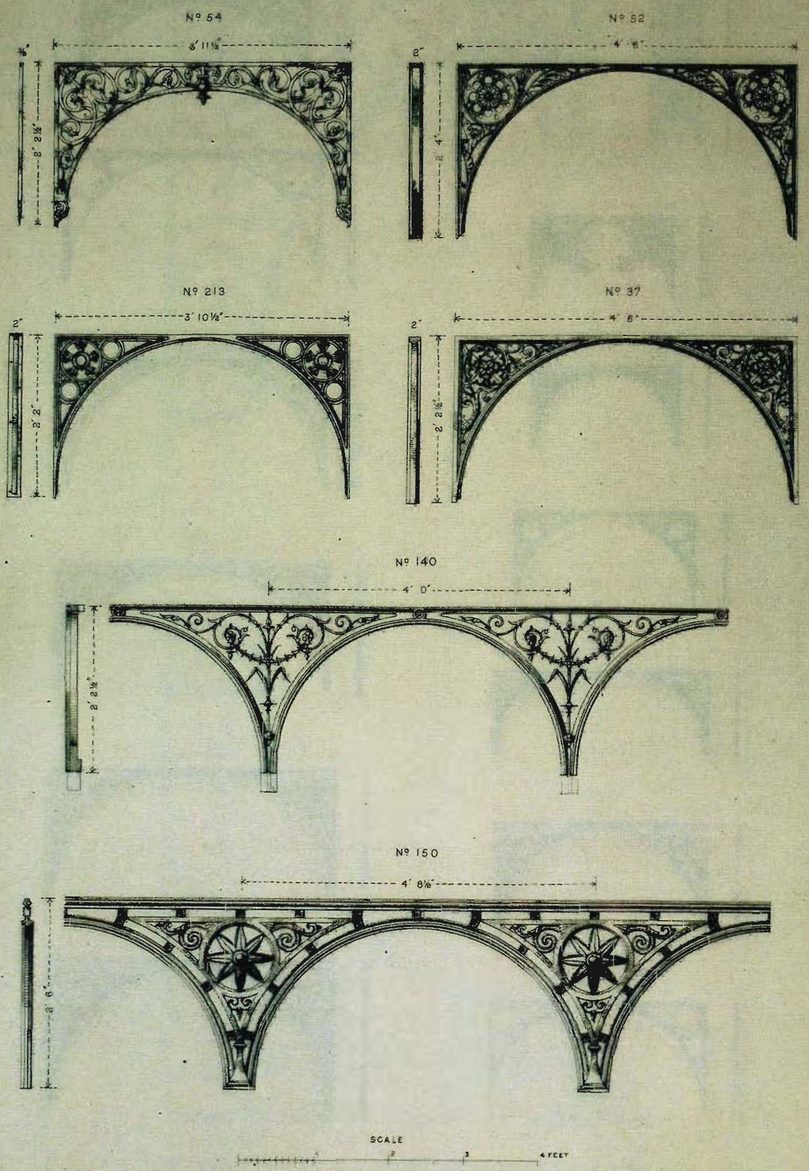
MACFARLANE'S CASTINGS.—SPANDRIL BRACKETS



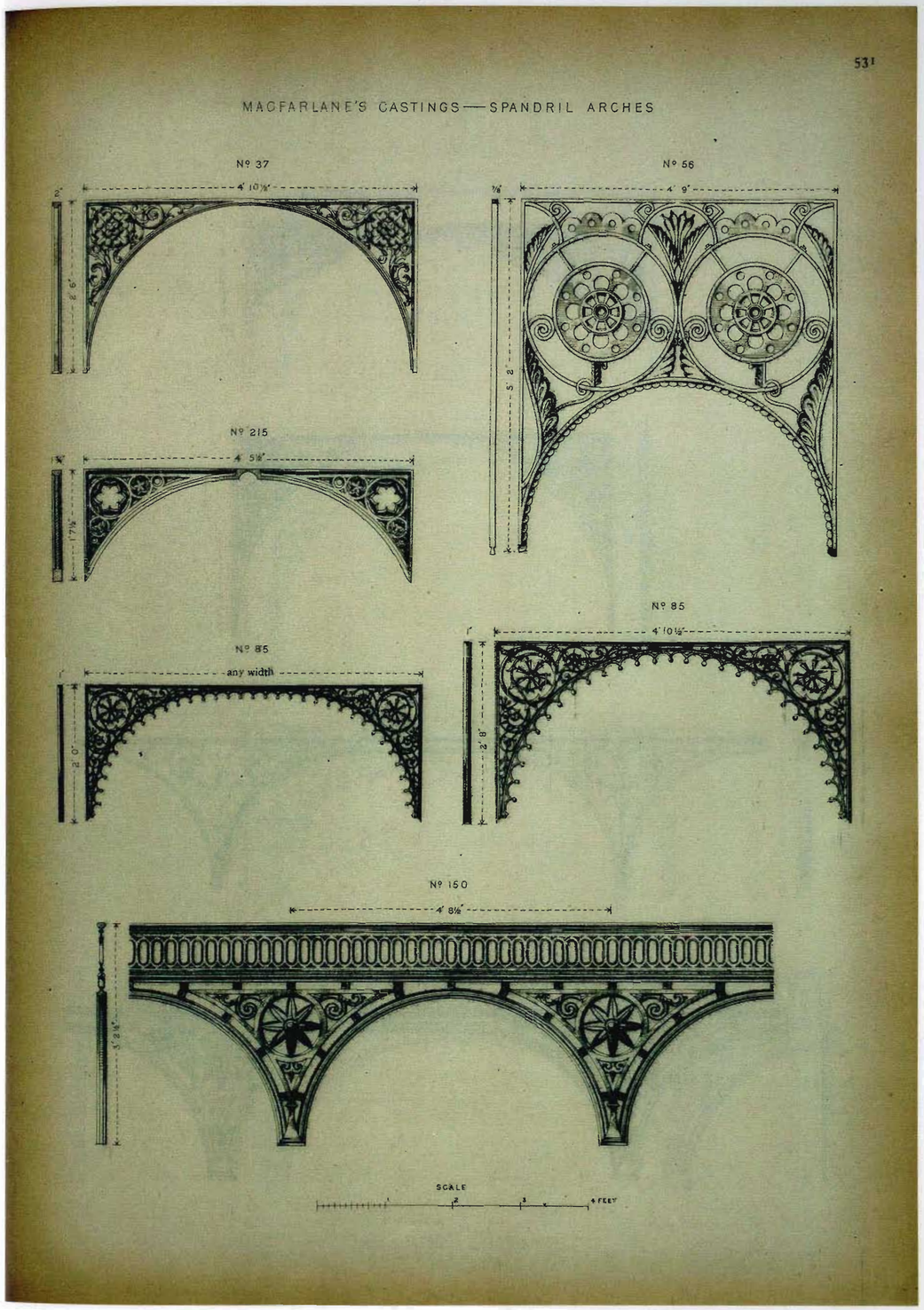
MACFARLANE'S CASTINGS.—SPANDRIL ARCHES



MACFARLANE'S CASTINGS — SPANDRIL ARCHES

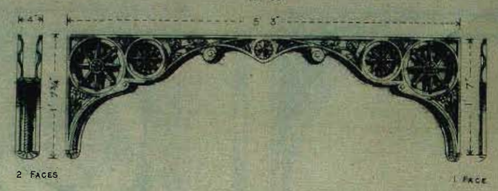


MACFARLANE'S CASTINGS — SPANDRIL ARCHES

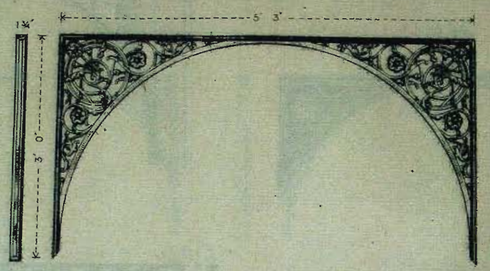


MACFARLANE'S CASTINGS — SPANDRIL ARCHES

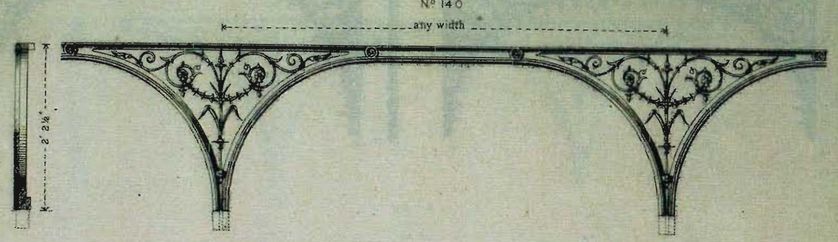
Nº 49



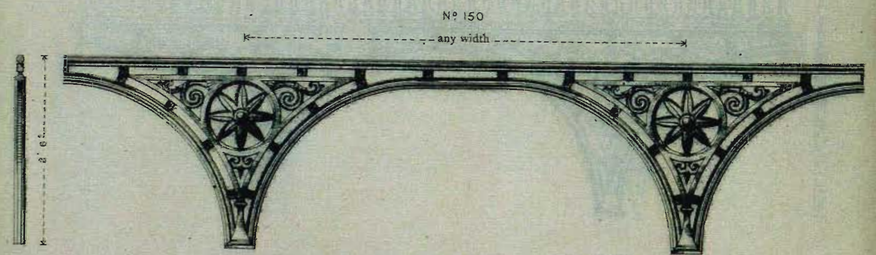
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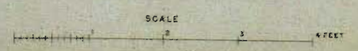


Nº 140



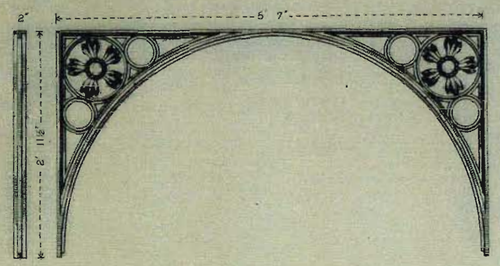
Nº 150



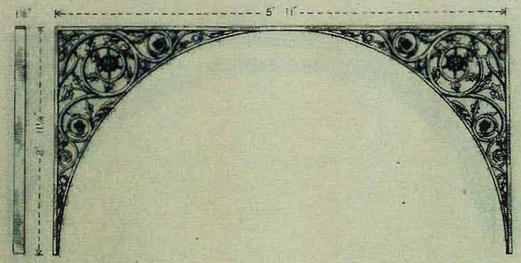


MACFARLANE'S CASTINGS — SPANDRIL ARCHES

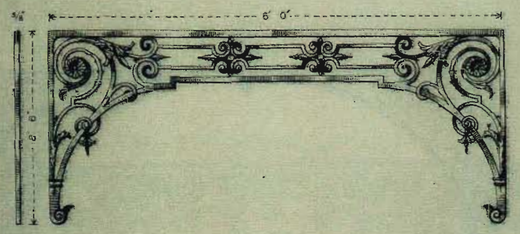
Nº 33



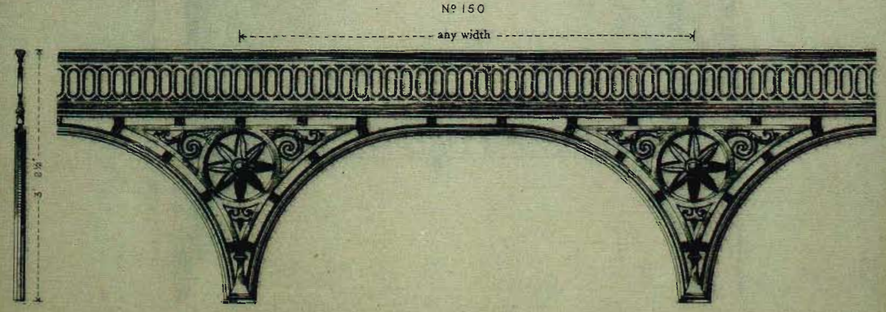
Nº 45



Nº 158



Nº 150

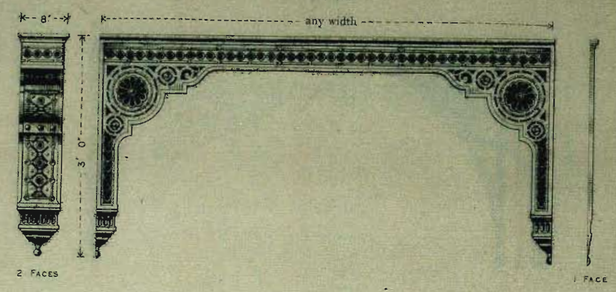




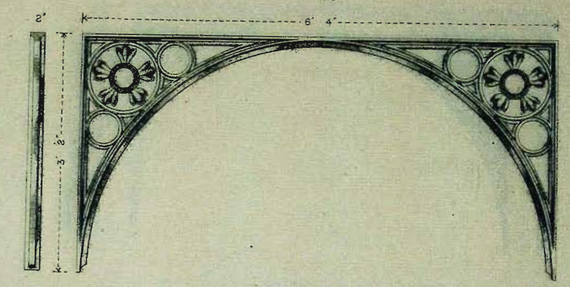
534

MACFARLANE'S CASTINGS — SPANDRIL ARCHES

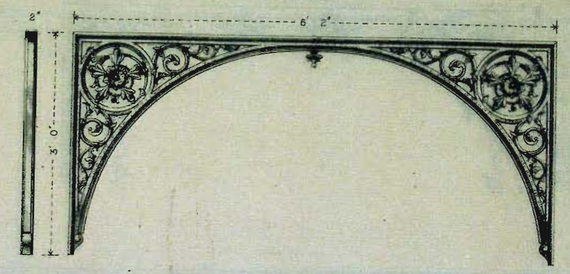
Nº 154



Nº 33



Nº 87



Nº 54



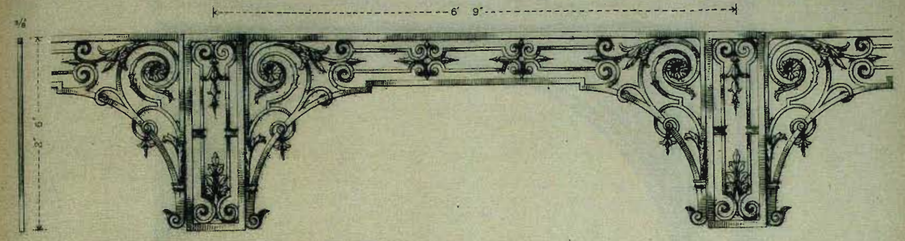
SCALE



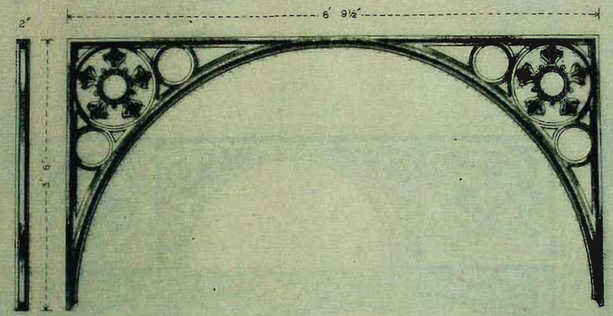
535

MACFARLANE'S CASTINGS — SPANDRIL ARCHES

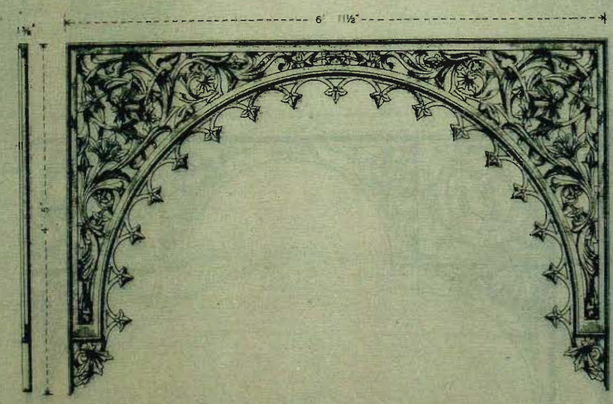
Nº 158



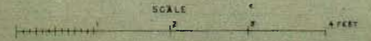
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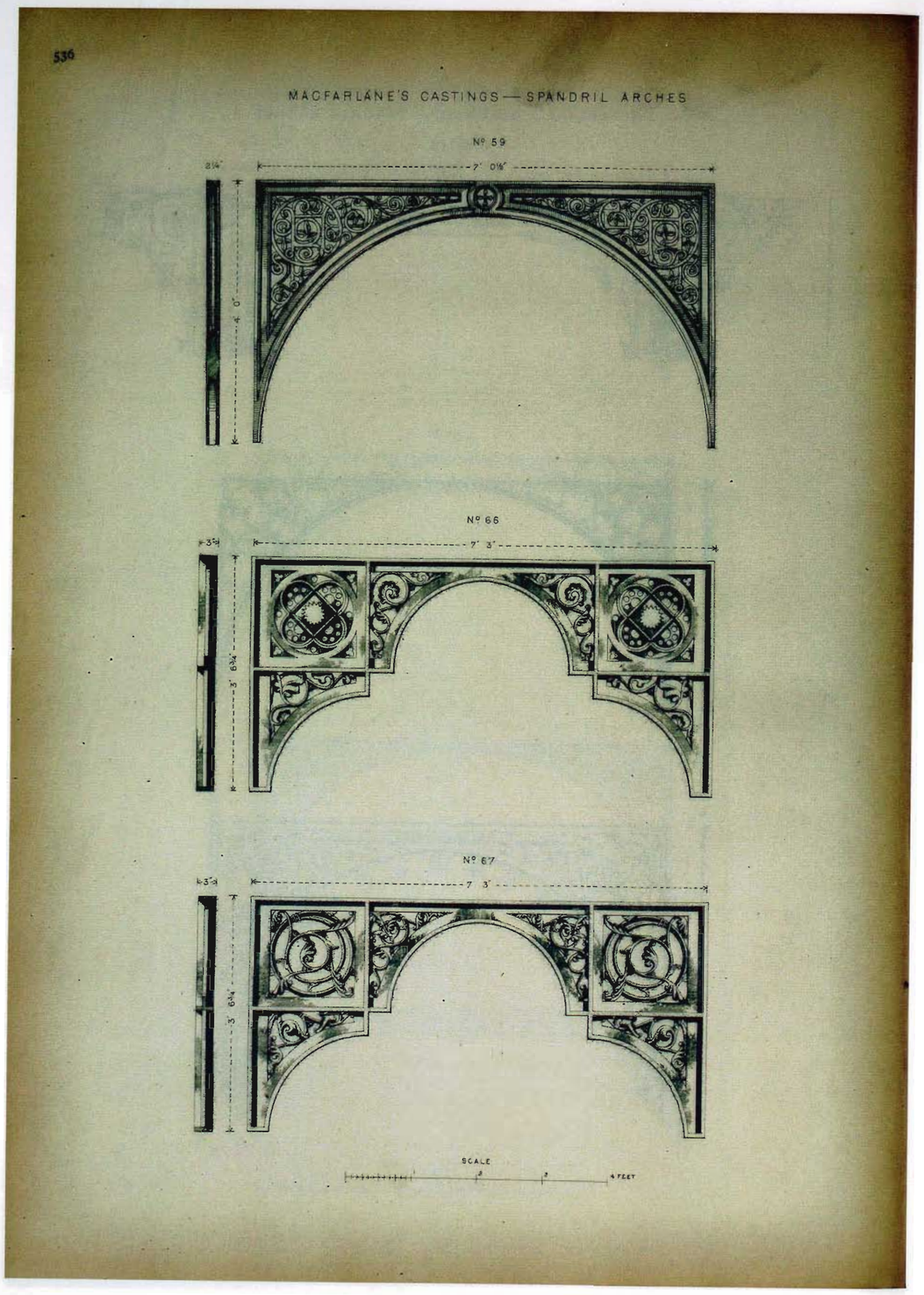
Nº 51



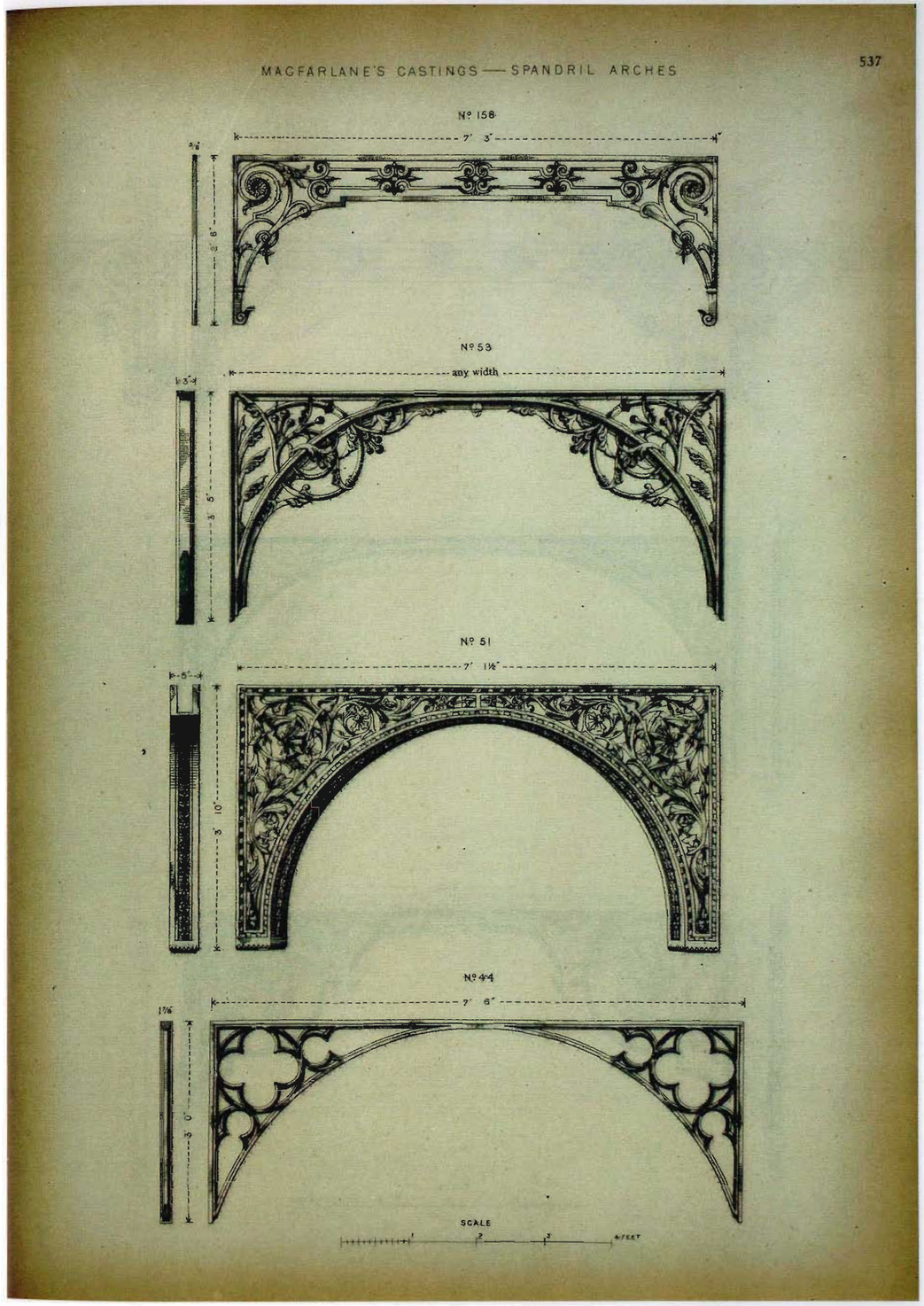
SCALE



MACFARLANE'S CASTINGS — SPANDRIL ARCHES

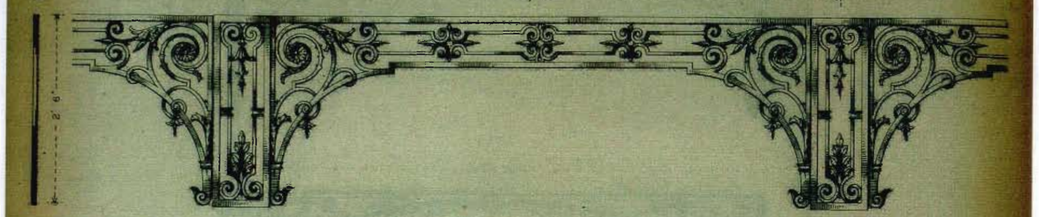


MACFARLANE'S CASTINGS — SPANDRIL ARCHES

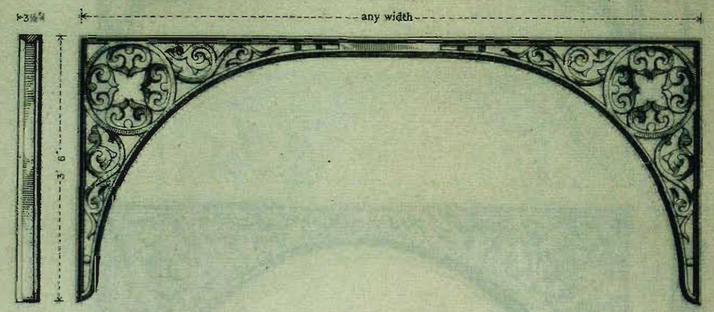


MACFARLANE'S CASTINGS — SPANDRIL ARCHES

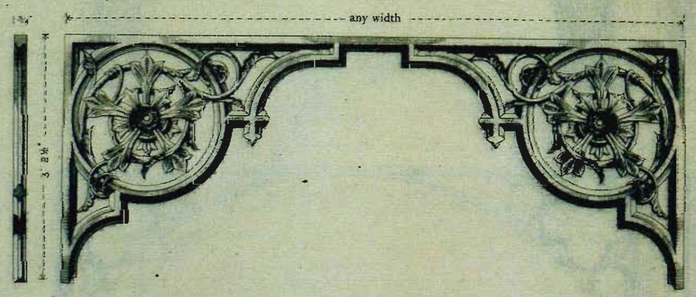
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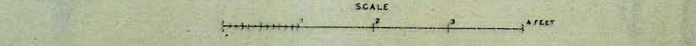


Nº 80



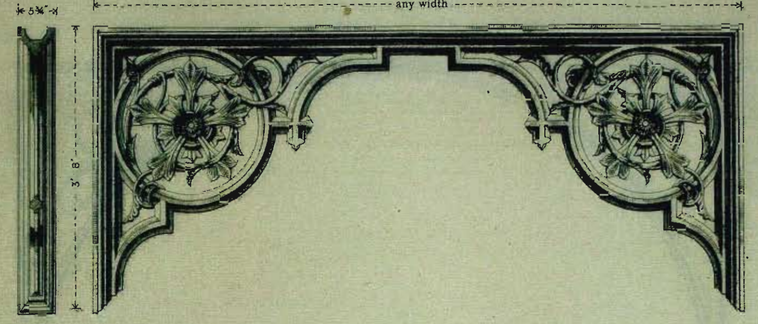
Nº 55



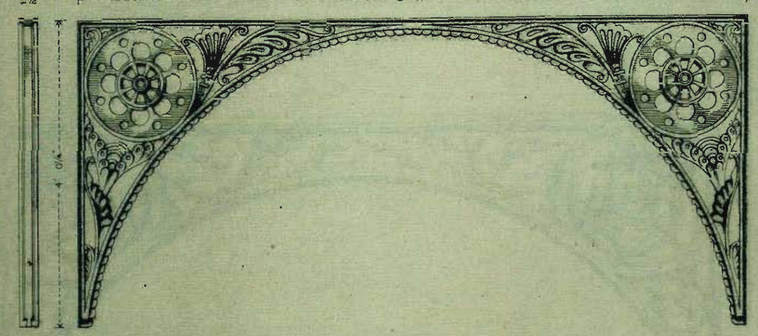


MACFARLANE'S CASTINGS — SPANDRIL ARCHES

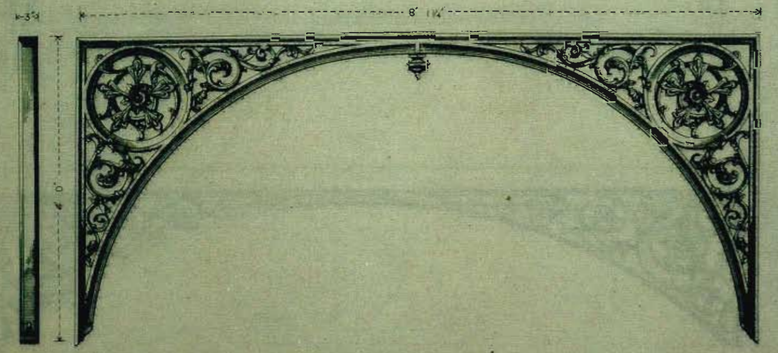
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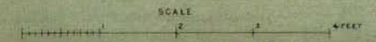


Nº 52



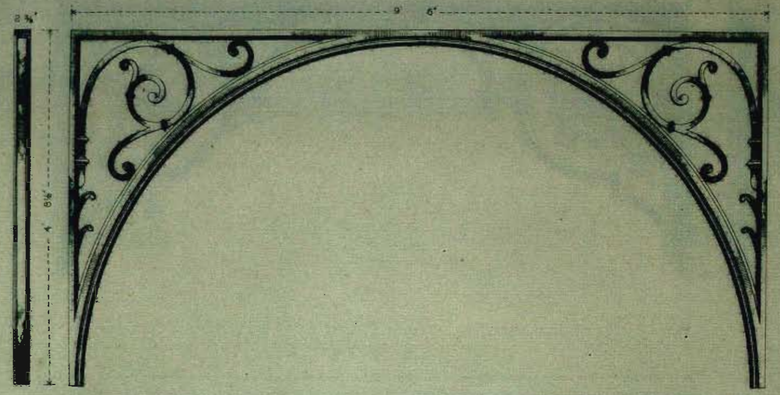
Nº 87



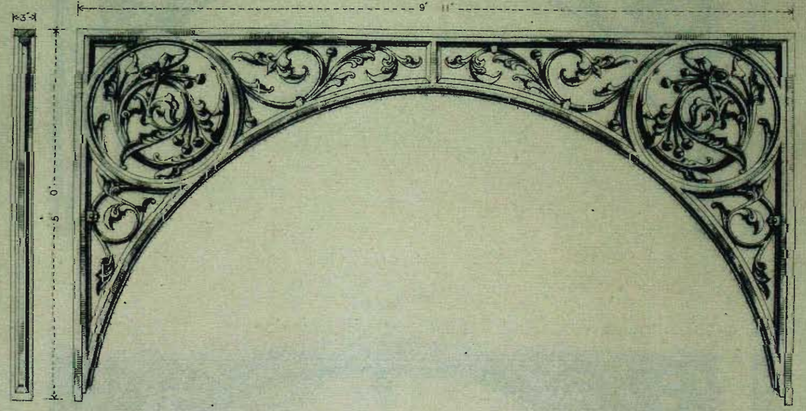


MACFARLANE'S CASTINGS — SPANDRIL ARCHES

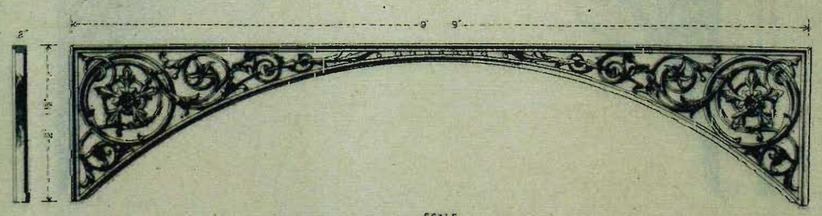
Nº 130

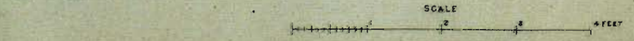


Nº 58



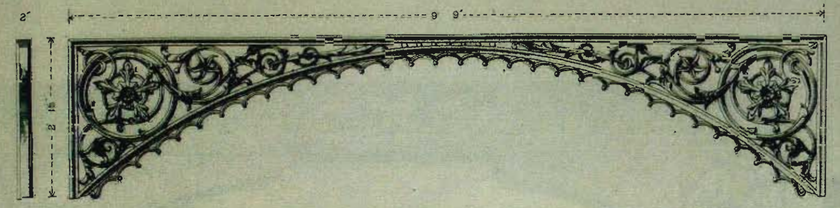
Nº 229



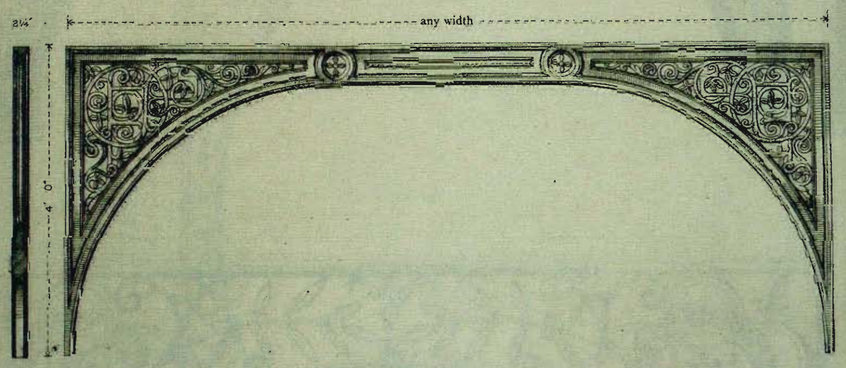


MACFARLANE'S CASTINGS — SPANDRIL ARCHES

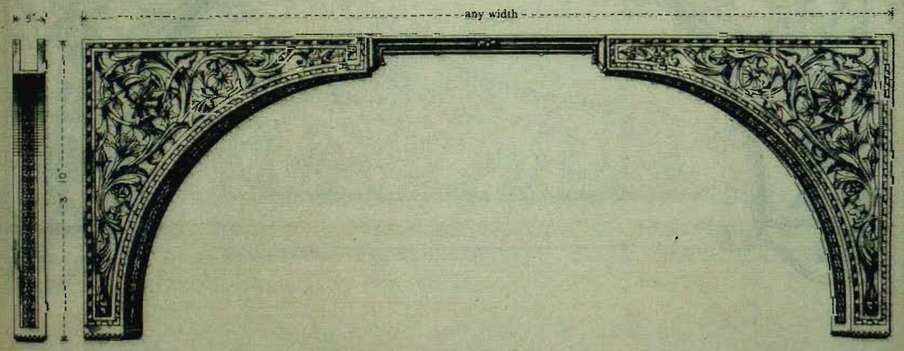
Nº 99

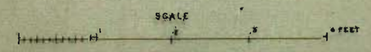


Nº 59



Nº 51





542

MACFARLANE'S CASTINGS — SPANDRIL ARCHES

Nº 51

any width

5"

4'-8"

Nº 143

11' 4½"

1½"

8' 5"

SCALE

0 FEET

543

MACFARLANE'S CASTINGS — SPANDRIL ARCHES.

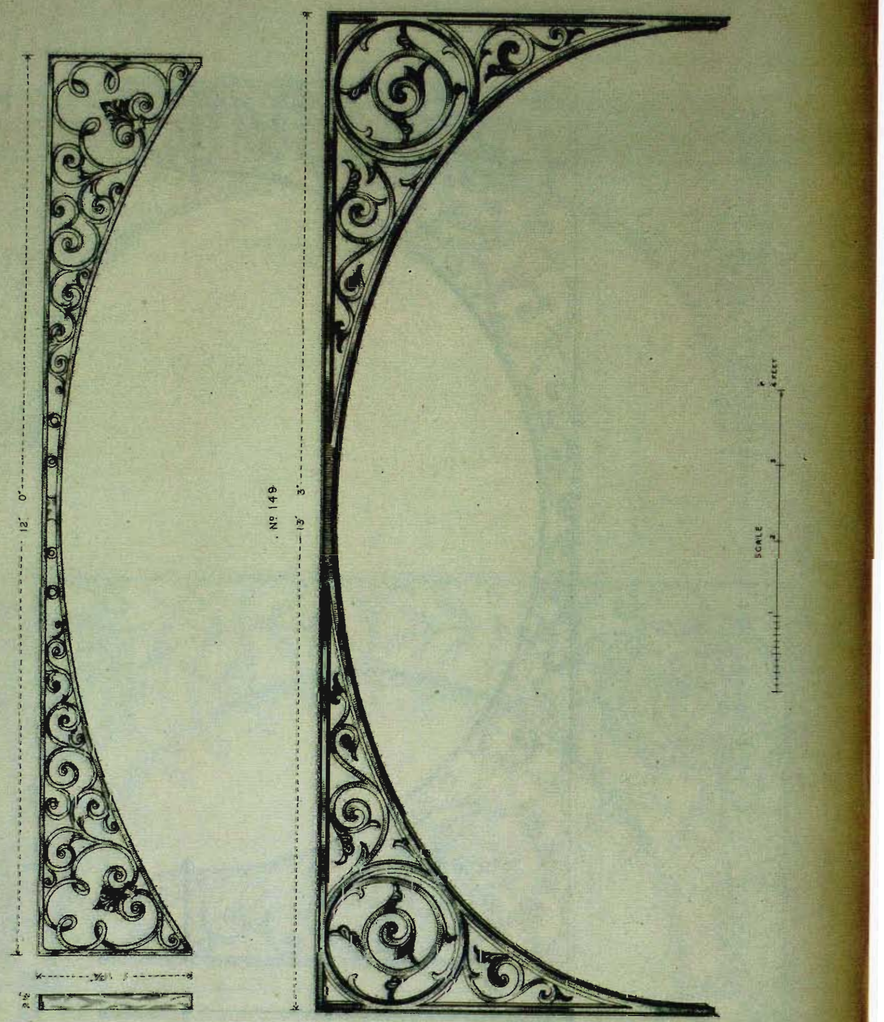
Nº 181

11' 10"

SCALE

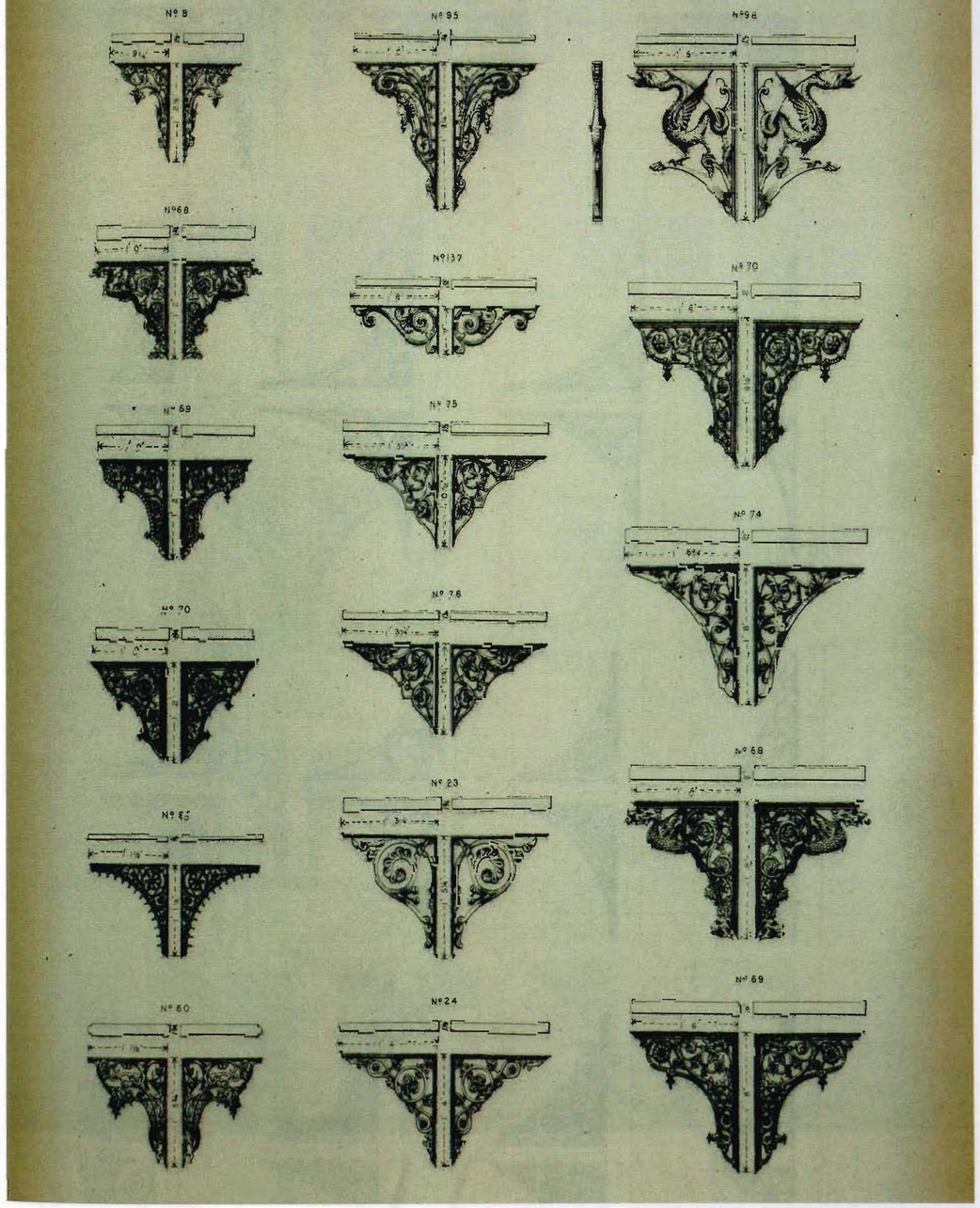
4 FEET

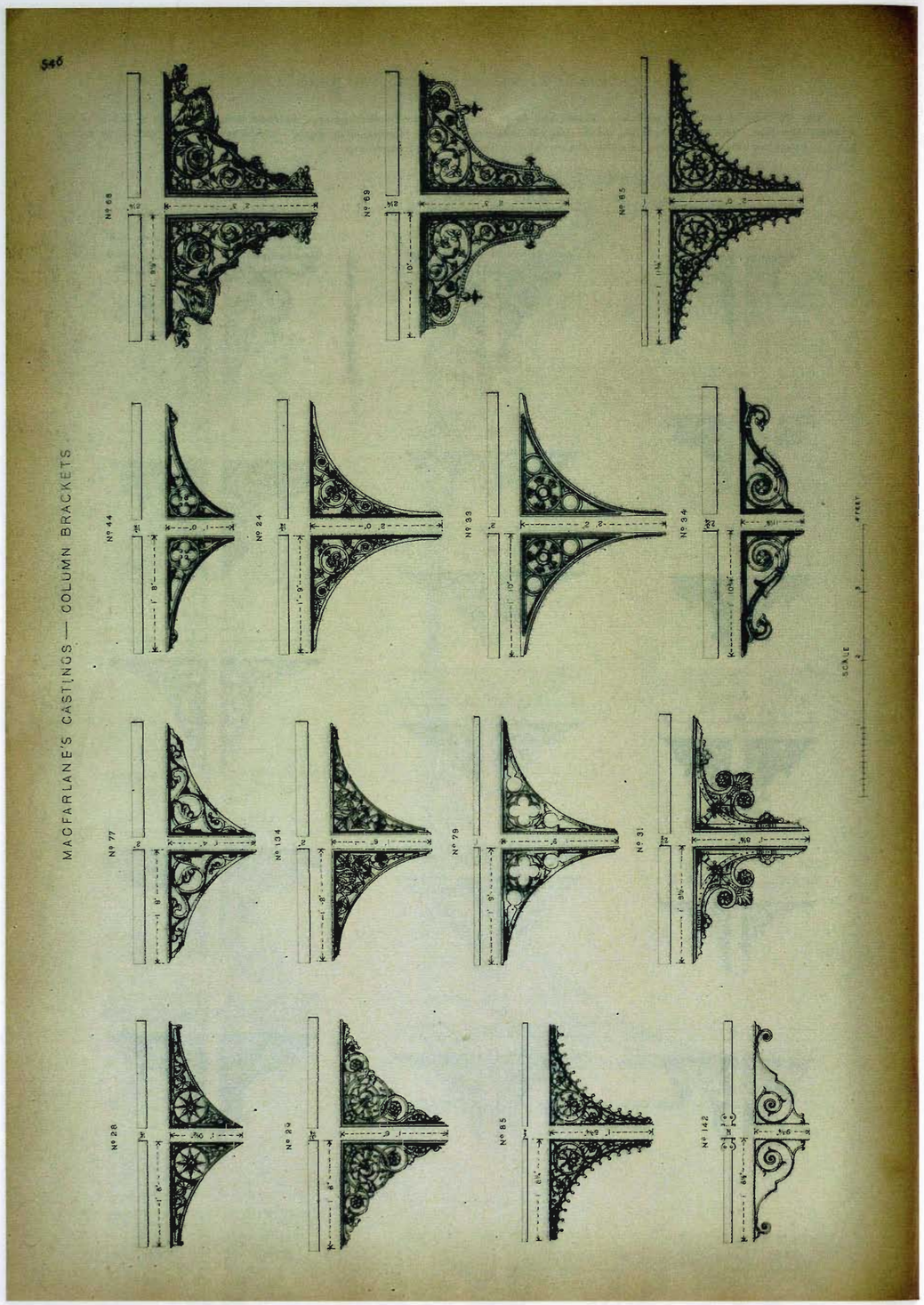
MACFARLANE'S CASTINGS — SPANDRIL ARCHES

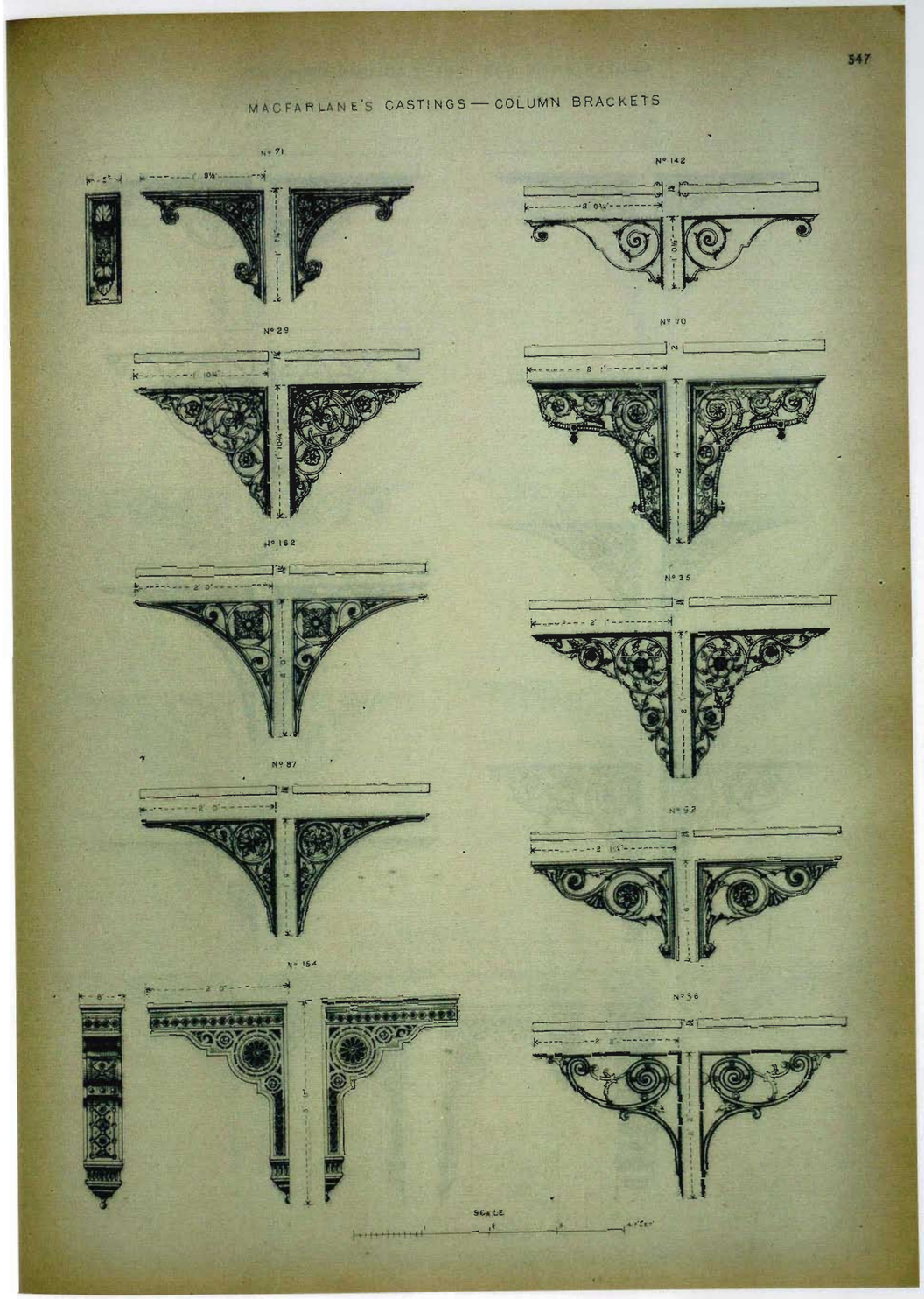


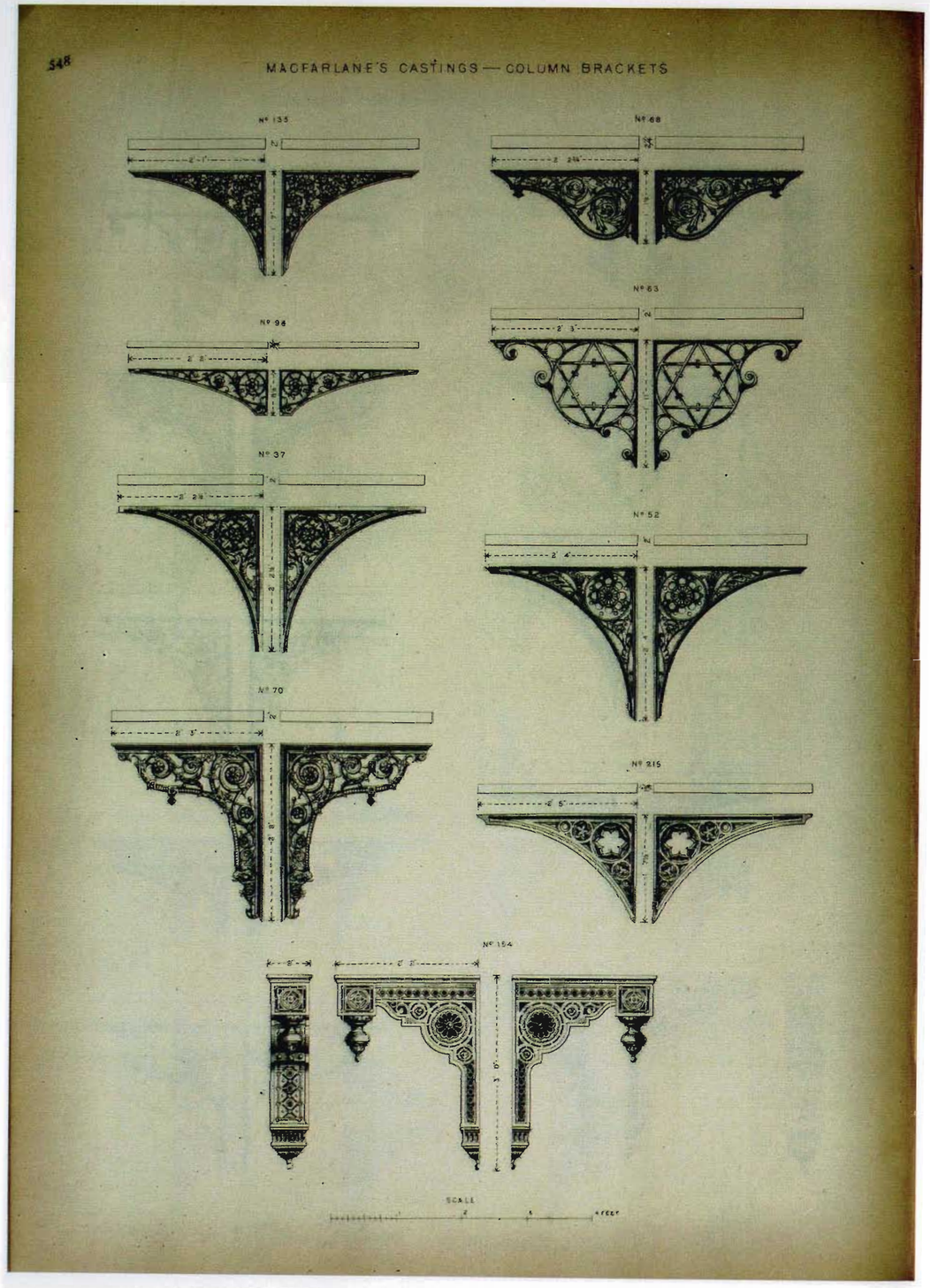
MACFARLANE'S CASTINGS — COLUMN BRACKETS

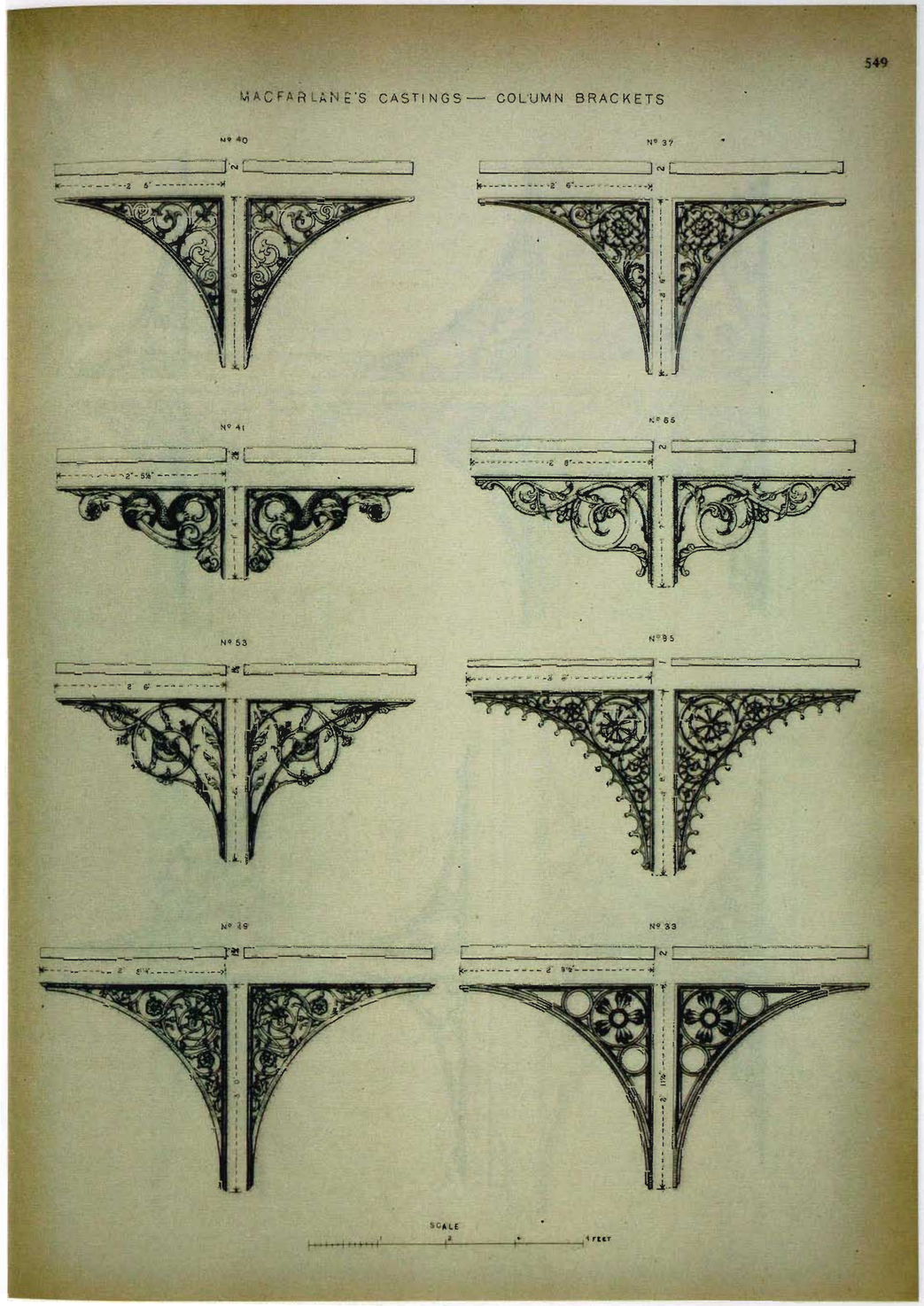
This application of Brackets is particularly valuable, both for its structural and artistic effect, giving a convenient fixing and breadth of bearing to the superincumbent beam, girder, lintel, or architrave, and softening with ornamental tracery, the otherwise severe angular junctions, and view line. They can be applied 1, 2, 3, or 4 ways, and different patterns may be combined to suit special circumstances. See Examples page 564

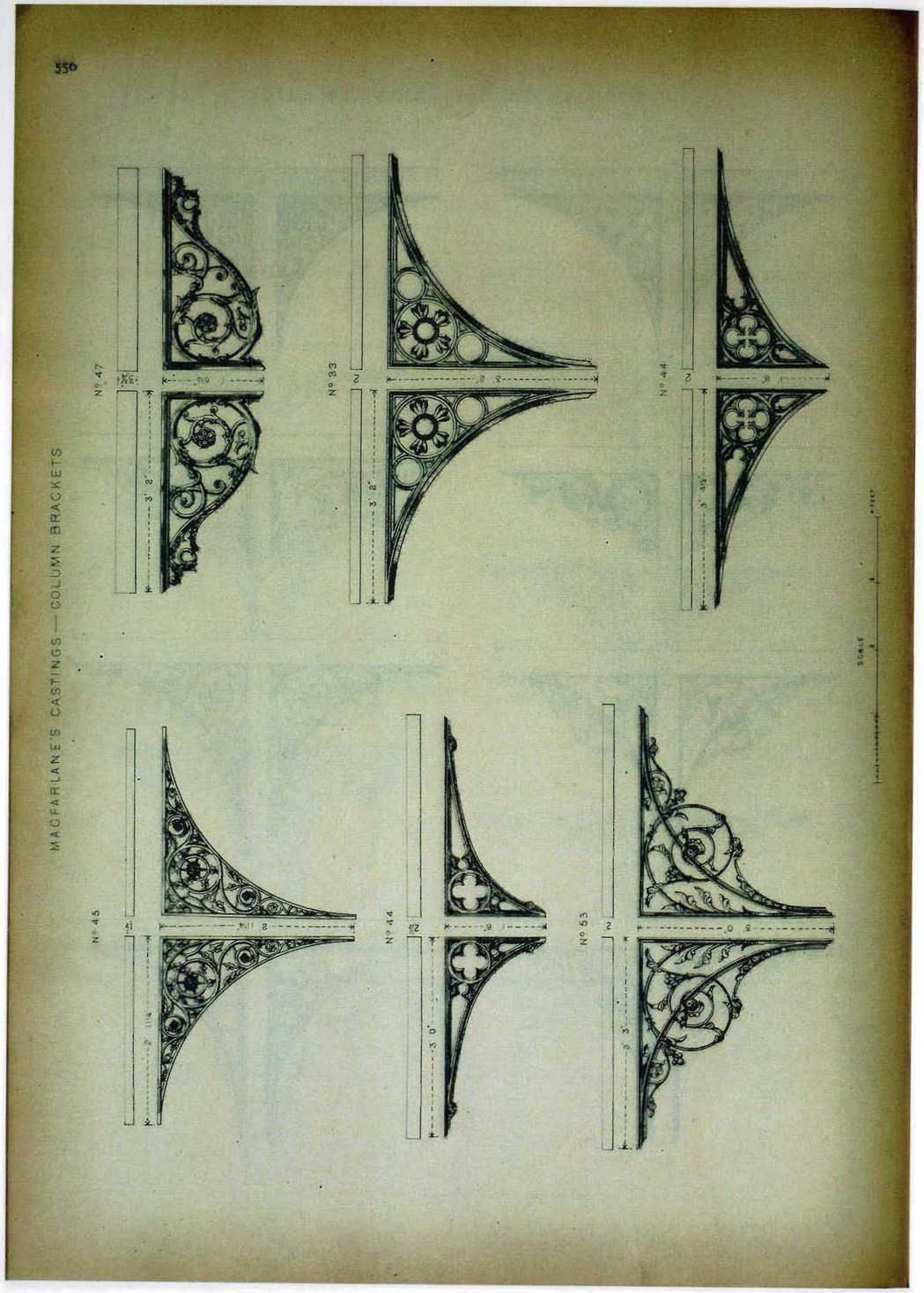


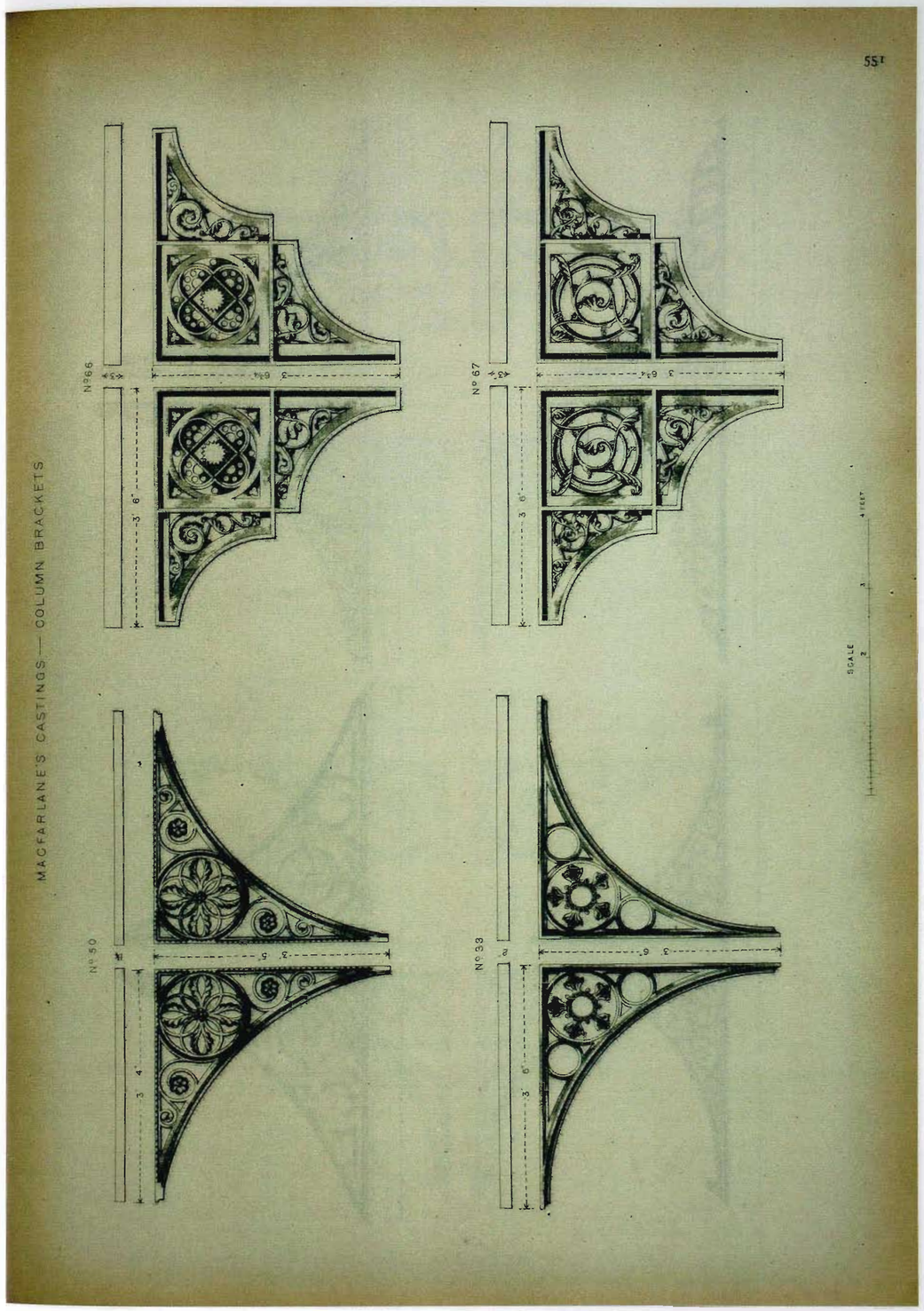

MACFARLANE'S CASTINGS — COLUMN BRACKETS
Nº 68
Nº 69
Nº 65
Nº 44
Nº 24
Nº 33
Nº 34
Nº 77
Nº 134
Nº 78
Nº 31
Nº 28
Nº 29
Nº 85
Nº 142
SCALE
FEET


MACFARLANE'S CASTINGS — COLUMN BRACKETS
Nº 71
Nº 142
Nº 29
Nº 70
Nº 162
Nº 35
Nº 87
Nº 92
Nº 154
Nº 36
SCALE
FEET


548
MACFARLANE'S CASTINGS — COLUMN BRACKETS
Nº 135
Nº 68
Nº 63
Nº 98
Nº 37
Nº 52
Nº 70
Nº 215
Nº 154
SCALE
FEET

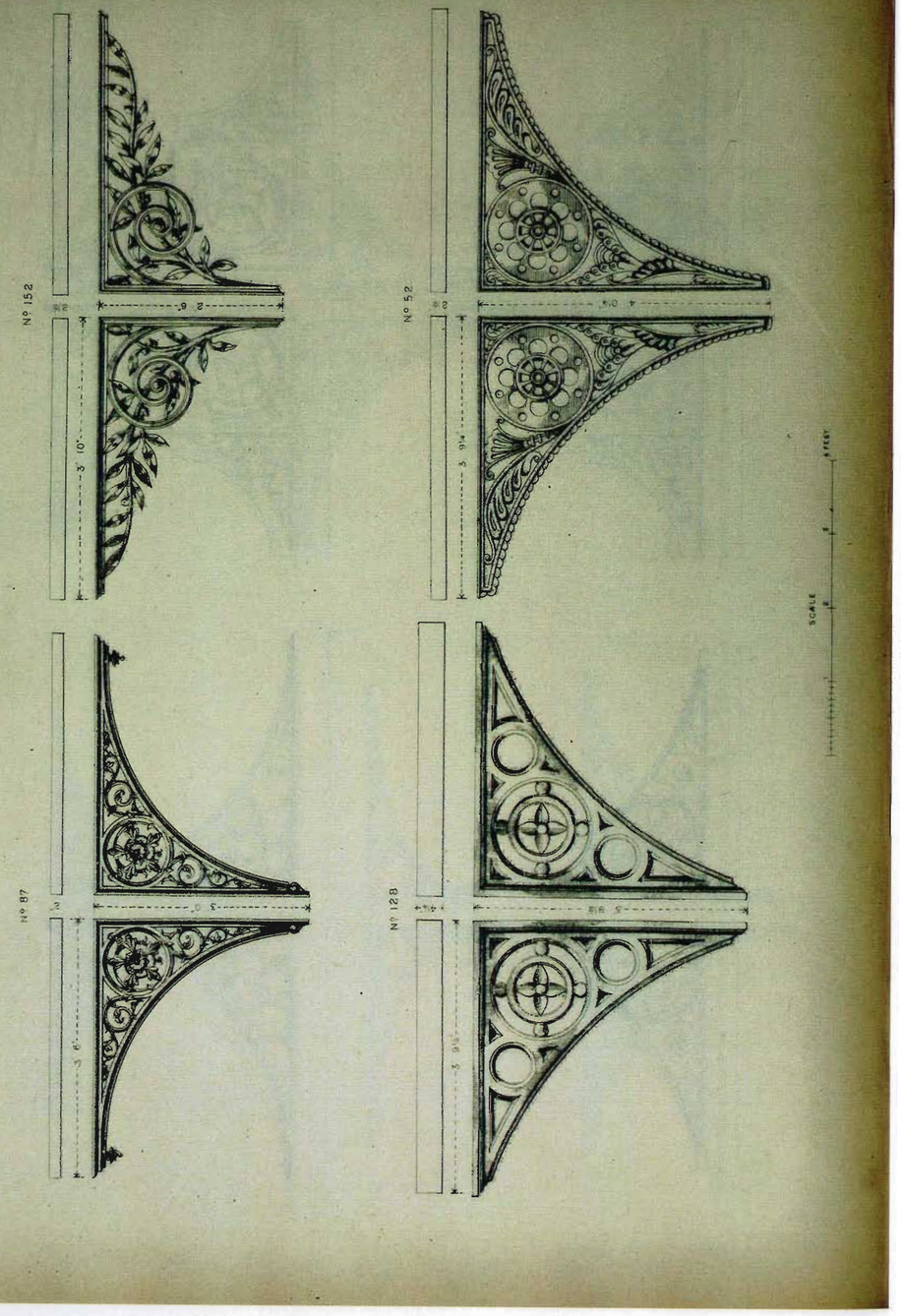

549
MACFARLANE'S CASTINGS — COLUMN BRACKETS
Nº 40
Nº 37
Nº 41
Nº 65
Nº 53
Nº 35
Nº 39
Nº 33
SCALE
FEET


550
MACFARLANE'S CASTINGS — COLUMN BRACKETS
No 47
No 33
No 44
No 45
No 44
No 53
SCALE
4 FEET


551
MACFARLANE'S CASTINGS — COLUMN BRACKETS
No 86
No 87
No 50
No 33
SCALE
4 FEET

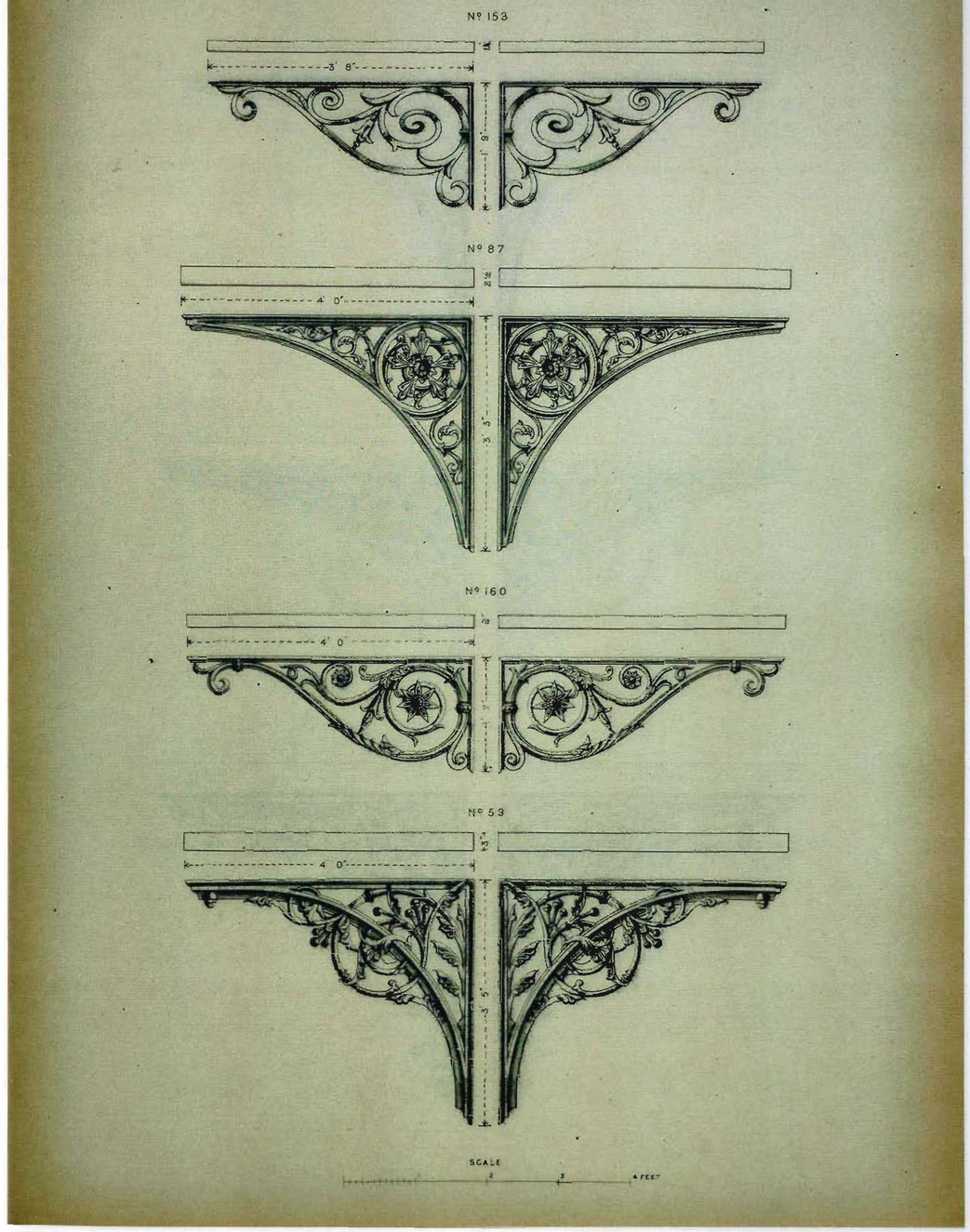
552

MACFARLANE'S CASTINGS — COLUMN BRACKETS



553

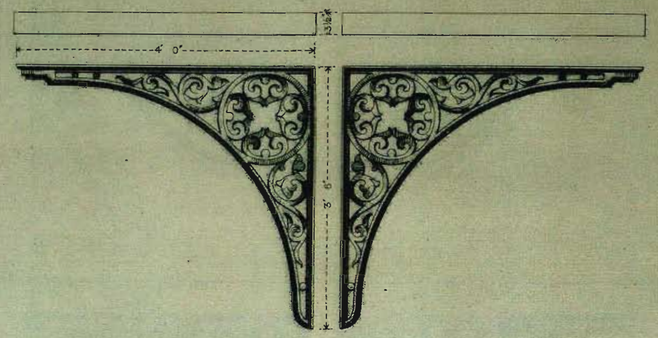
MACFARLANE'S CASTINGS — COLUMN BRACKETS



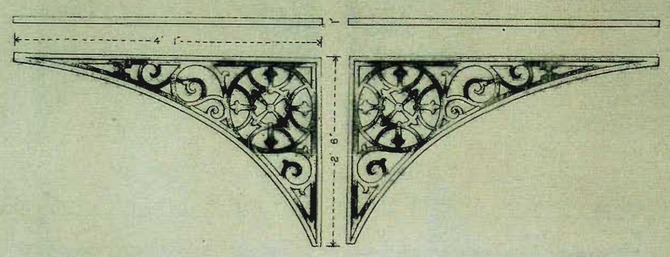
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MACFARLANE'S CASTINGS — COLUMN BRACKETS

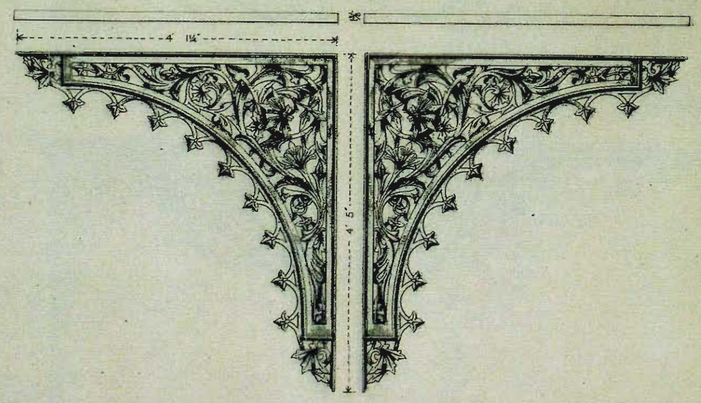
Nº 80



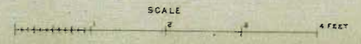
Nº 113



Nº 51



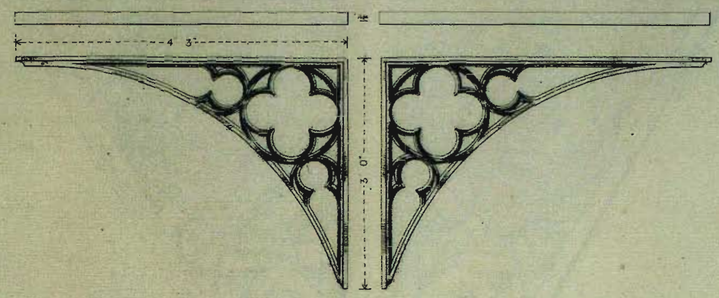
SCALE



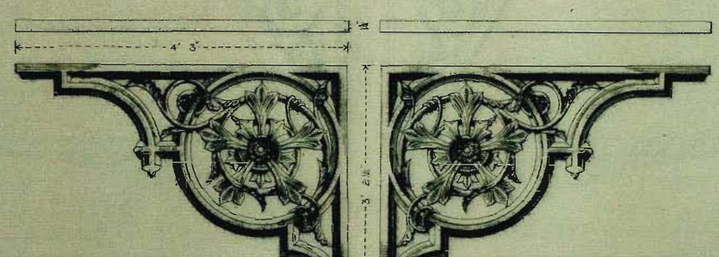
555

MACFARLANE'S CASTINGS — COLUMN BRACKETS

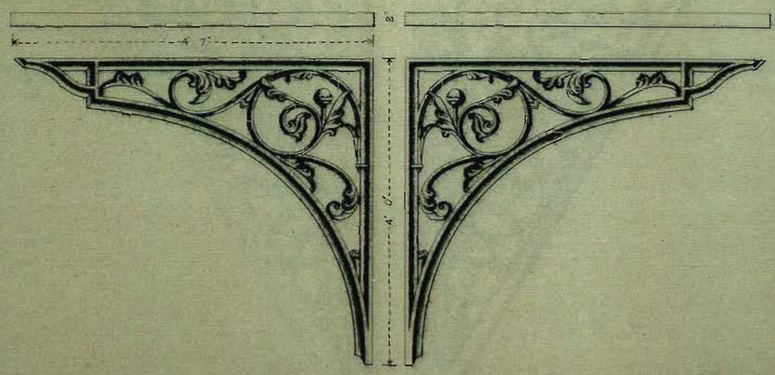
Nº 44



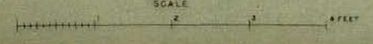
Nº 55



Nº 78

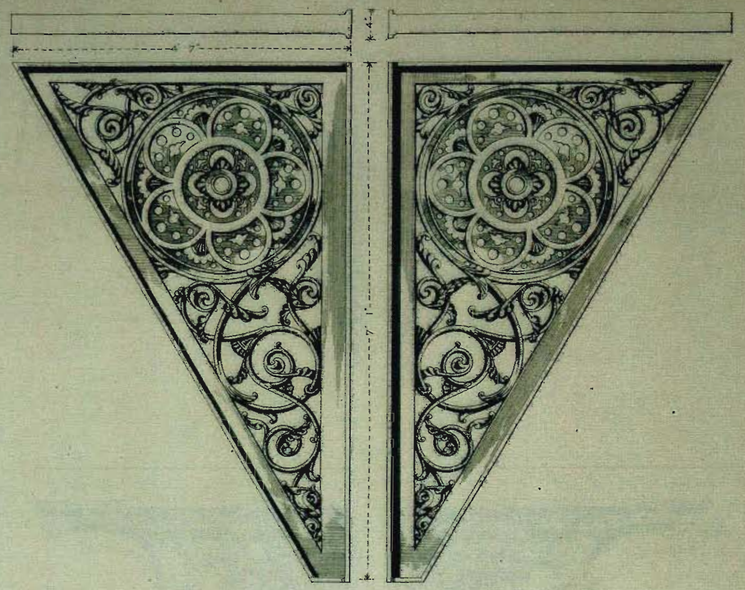


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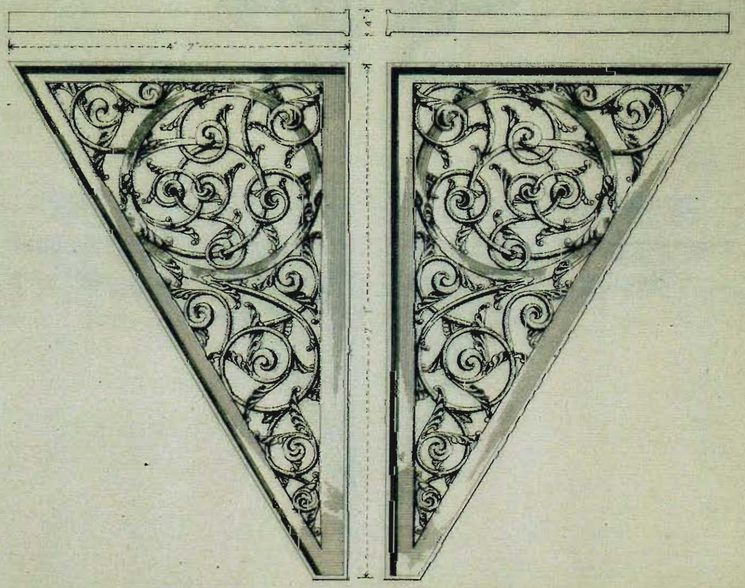


MACFARLANE'S CASTINGS — COLUMN BRACKETS

Nº 220



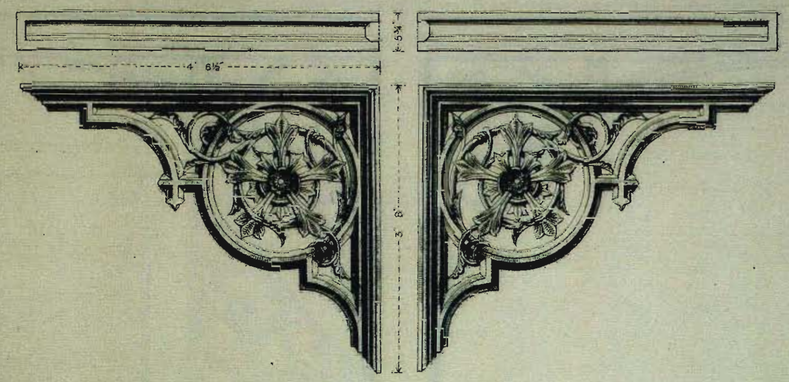
Nº 221



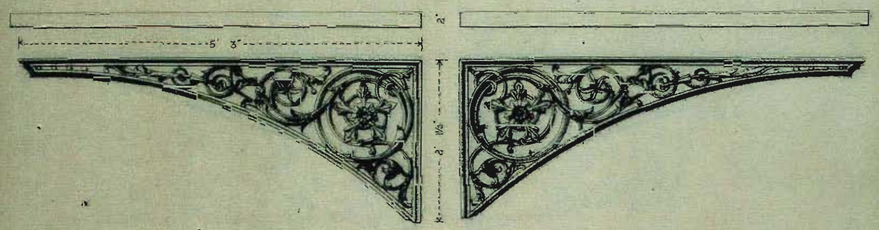
SCALE

MACFARLANE'S CASTINGS — COLUMN BRACKETS

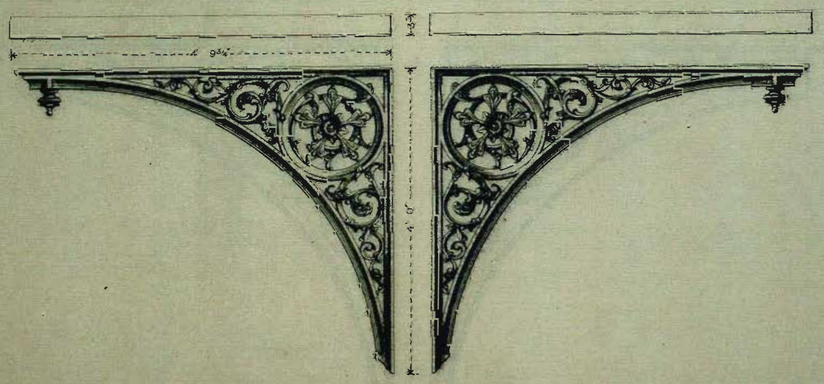
Nº 55



Nº 229

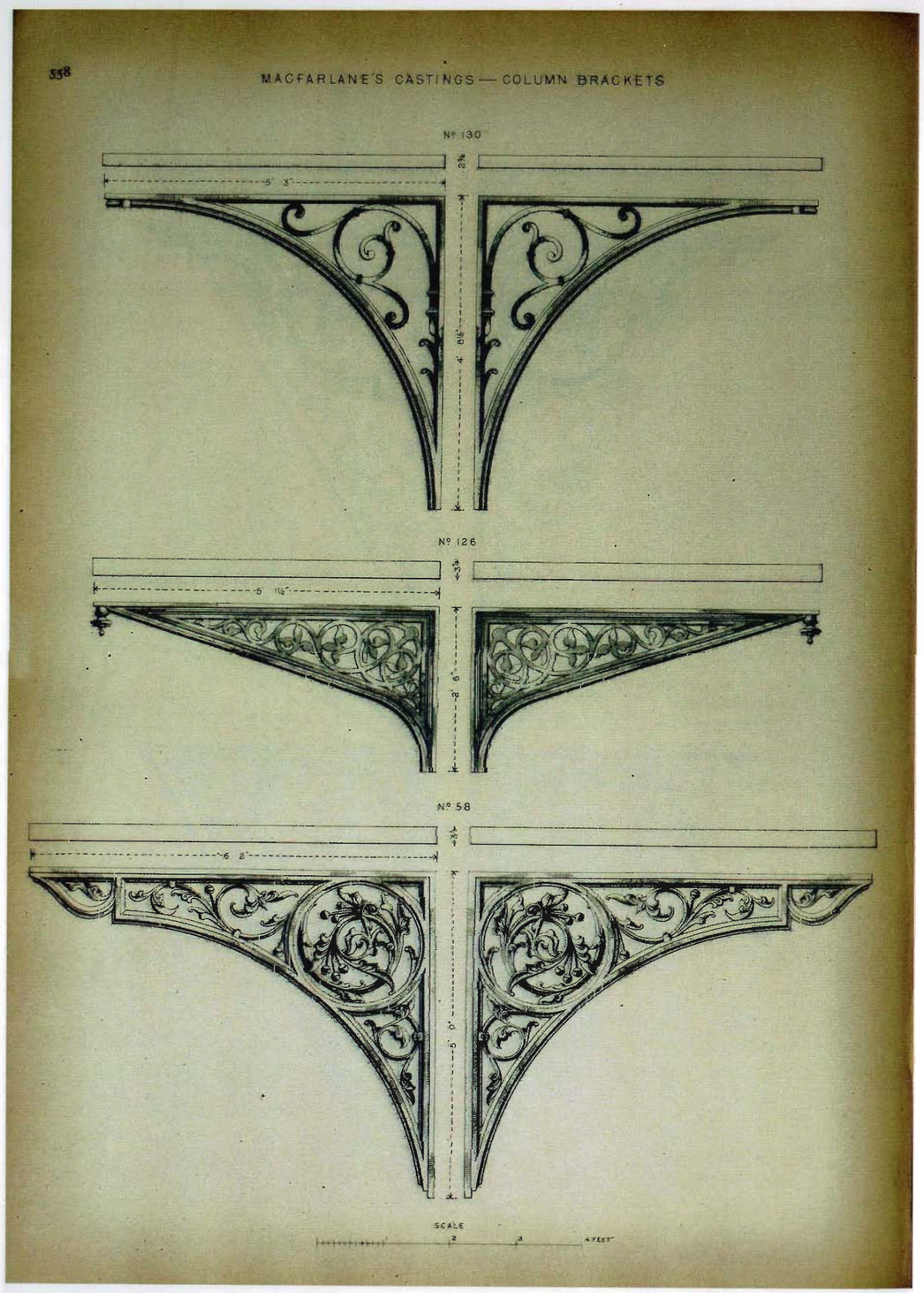


Nº 87

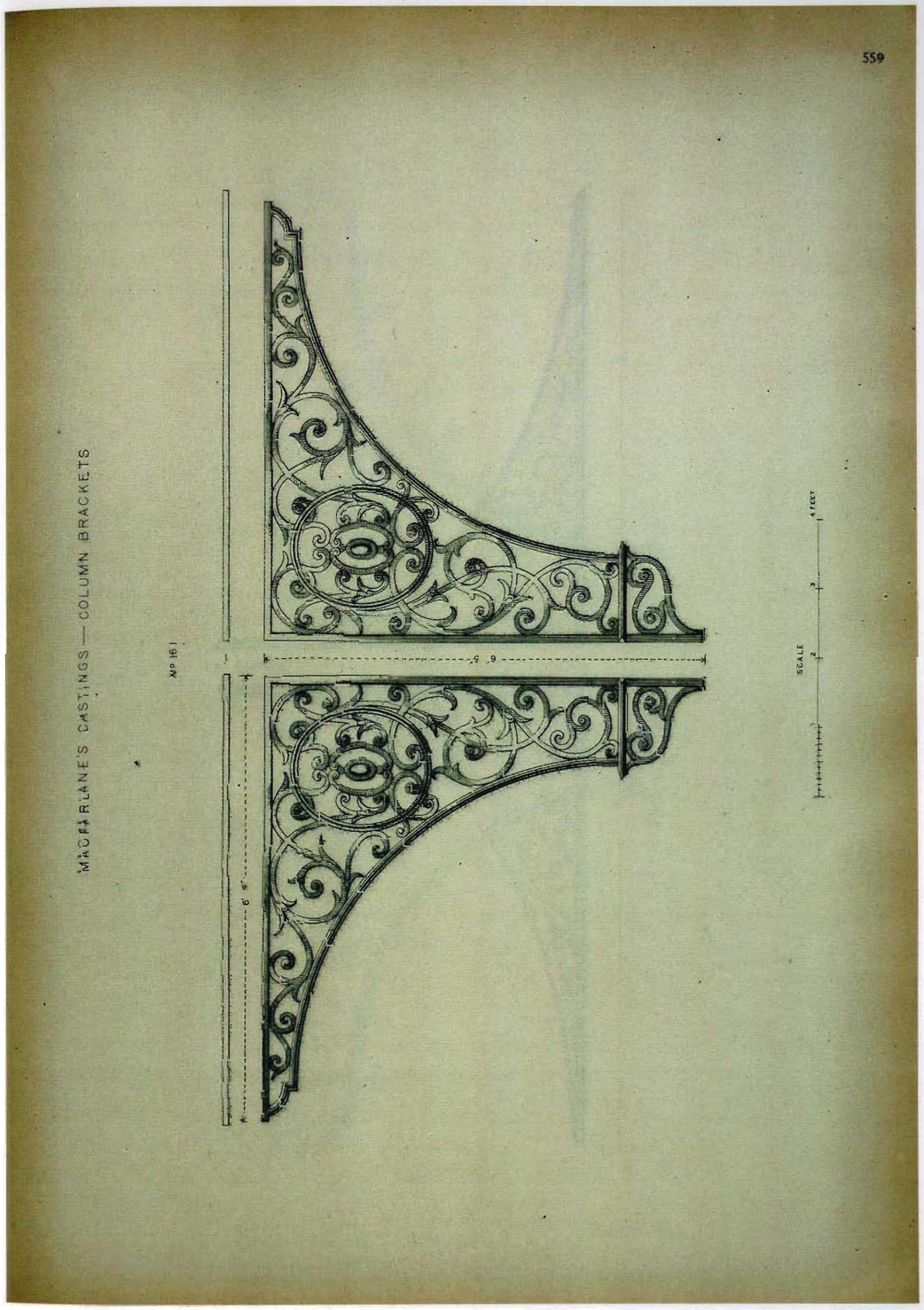


SCALE

MACFARLANE'S CASTINGS — COLUMN BRACKETS

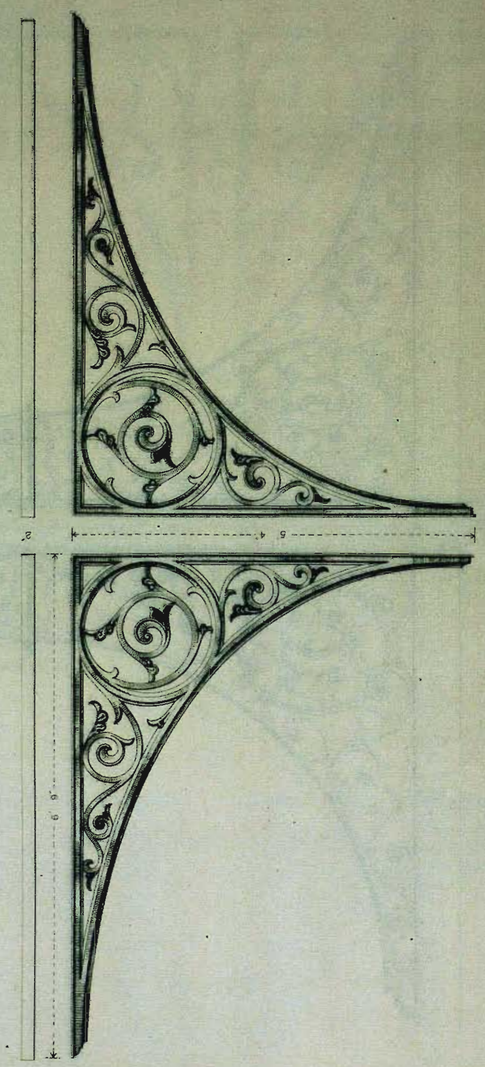


MACFARLANE'S CASTINGS — COLUMN BRACKETS



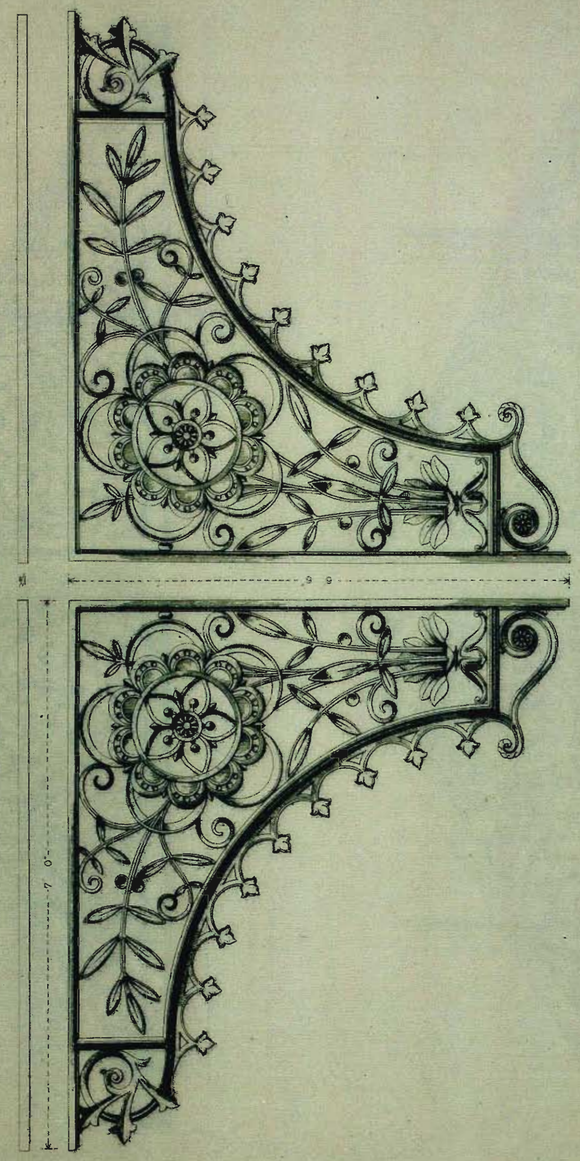
MACFARLANE'S CASTINGS — COLUMN BRACKETS

Nº 149

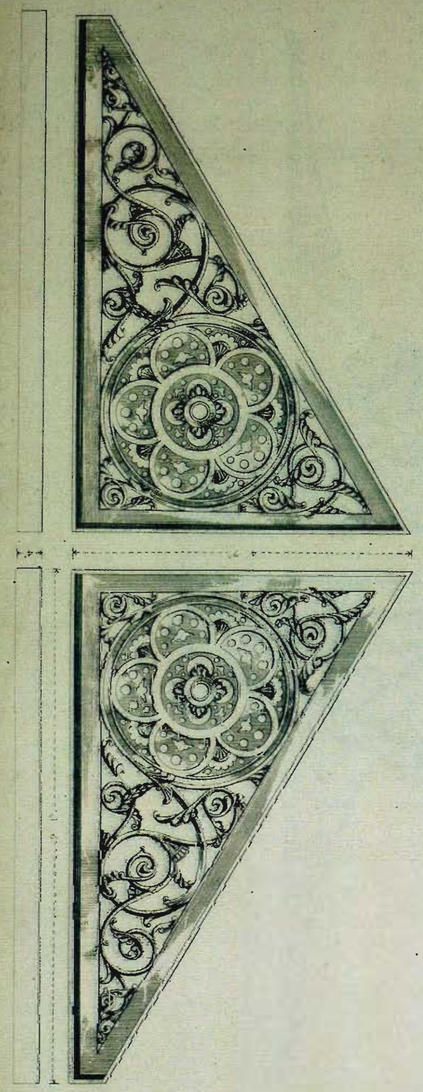


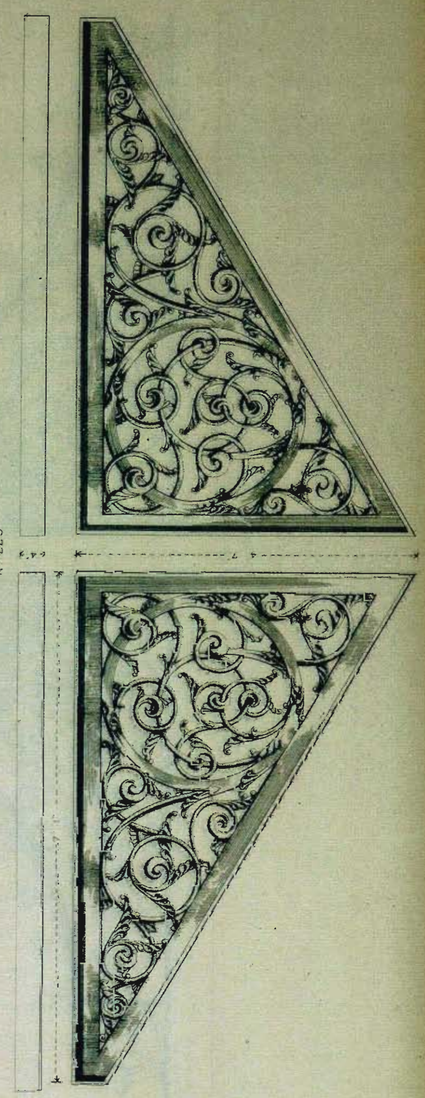
MACFARLANE'S CASTINGS — COLUMN BRACKETS

Nº 143



MACFARLANE'S CASTINGS — COLUMN BRACKETS

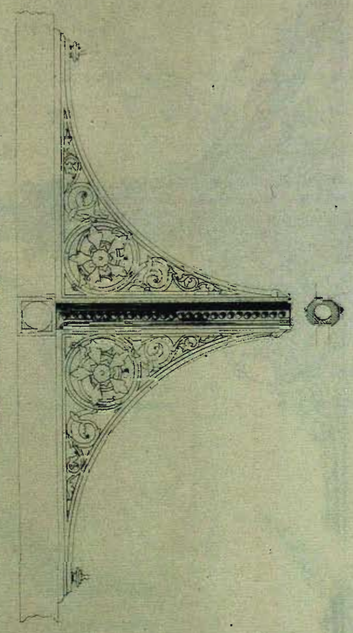




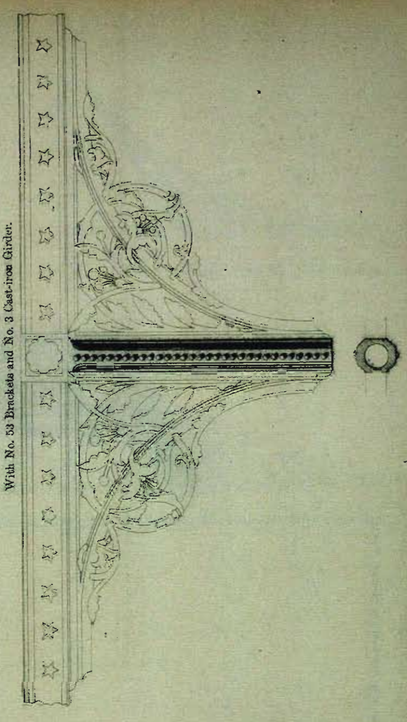
MACFARLANE'S CASTINGS — BRACKET AND SPANDRIL SHAFTS.

These Shafts can be made for any kind or size of Bracket, Spandril, or Column, and prepared for fixing on 1, 2, 3 or 4 sides. The following illustrate their application with Brackets, Beams and Girders.

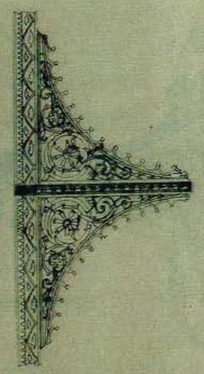
No. 1 Bracket Shaft
With No. 87 Brackets and Wood or Iron Beam.



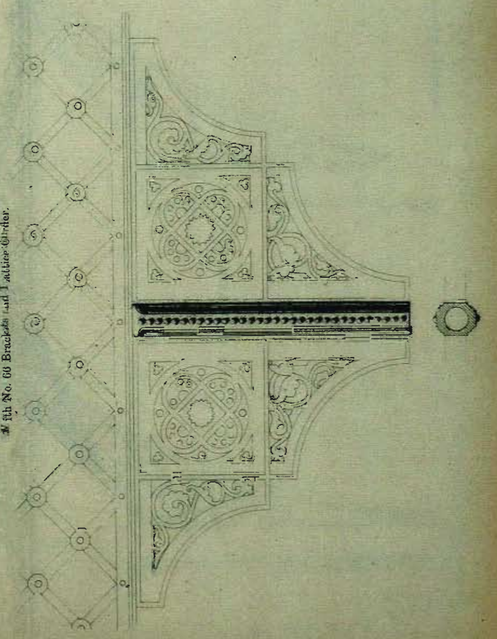
No. 1 Bracket Shaft.
With No. 53 Brackets and No. 3 Cast-iron Girder.



No. 6 Bracket Shaft
With No. 65 Brackets and No. 7 Cast-iron Girder.



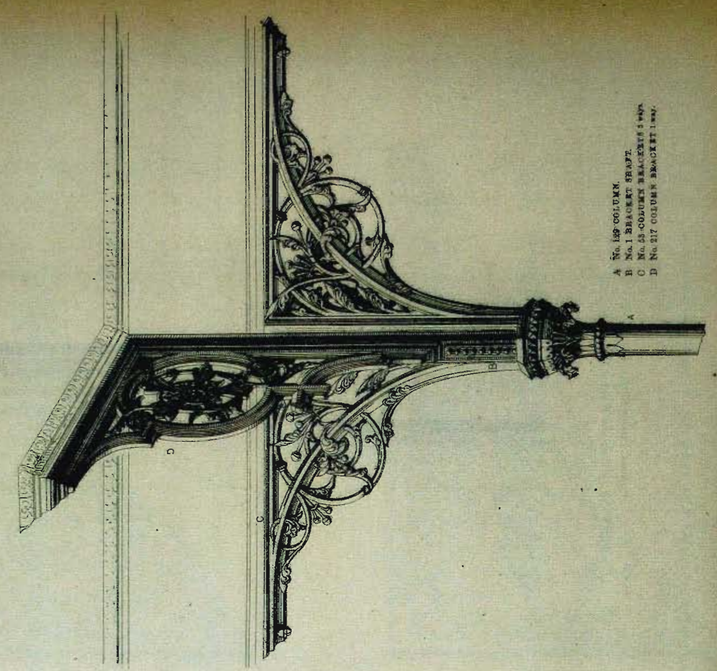
No. 1 Bracket Shaft
With No. 60 Brackets and Lattice-Girder.



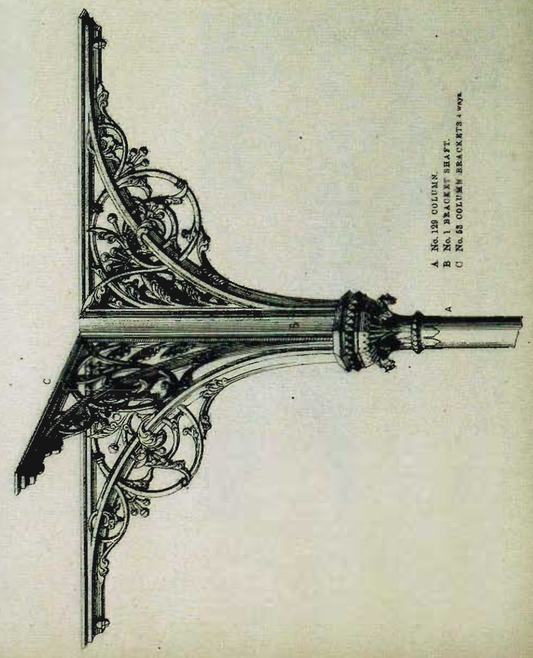
MACFARLANE'S CASTINGS — EXAMPLES

Combination of Columns with Brackets and Bracket Shafts.

No. XLVIII. EXAMPLE.

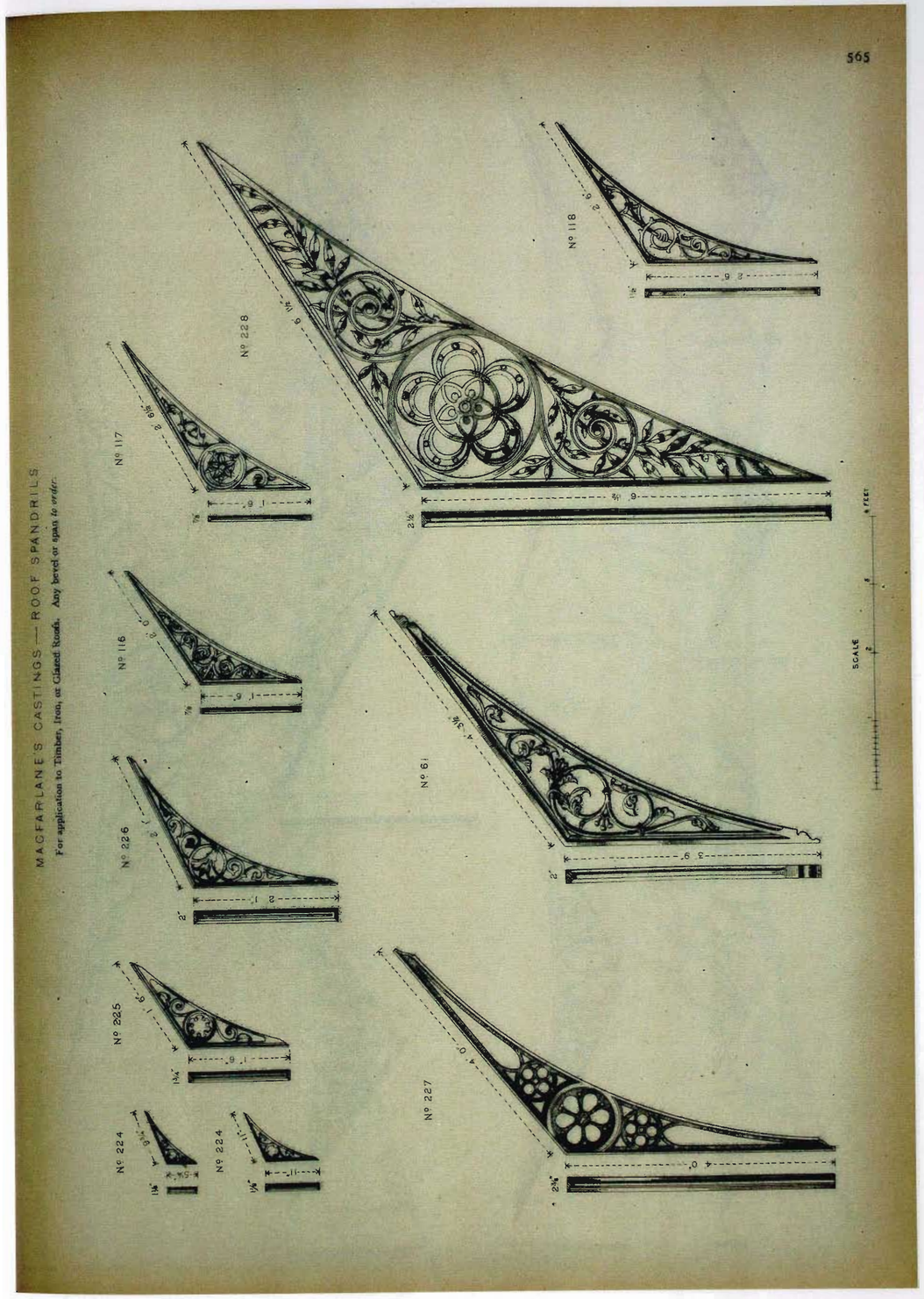


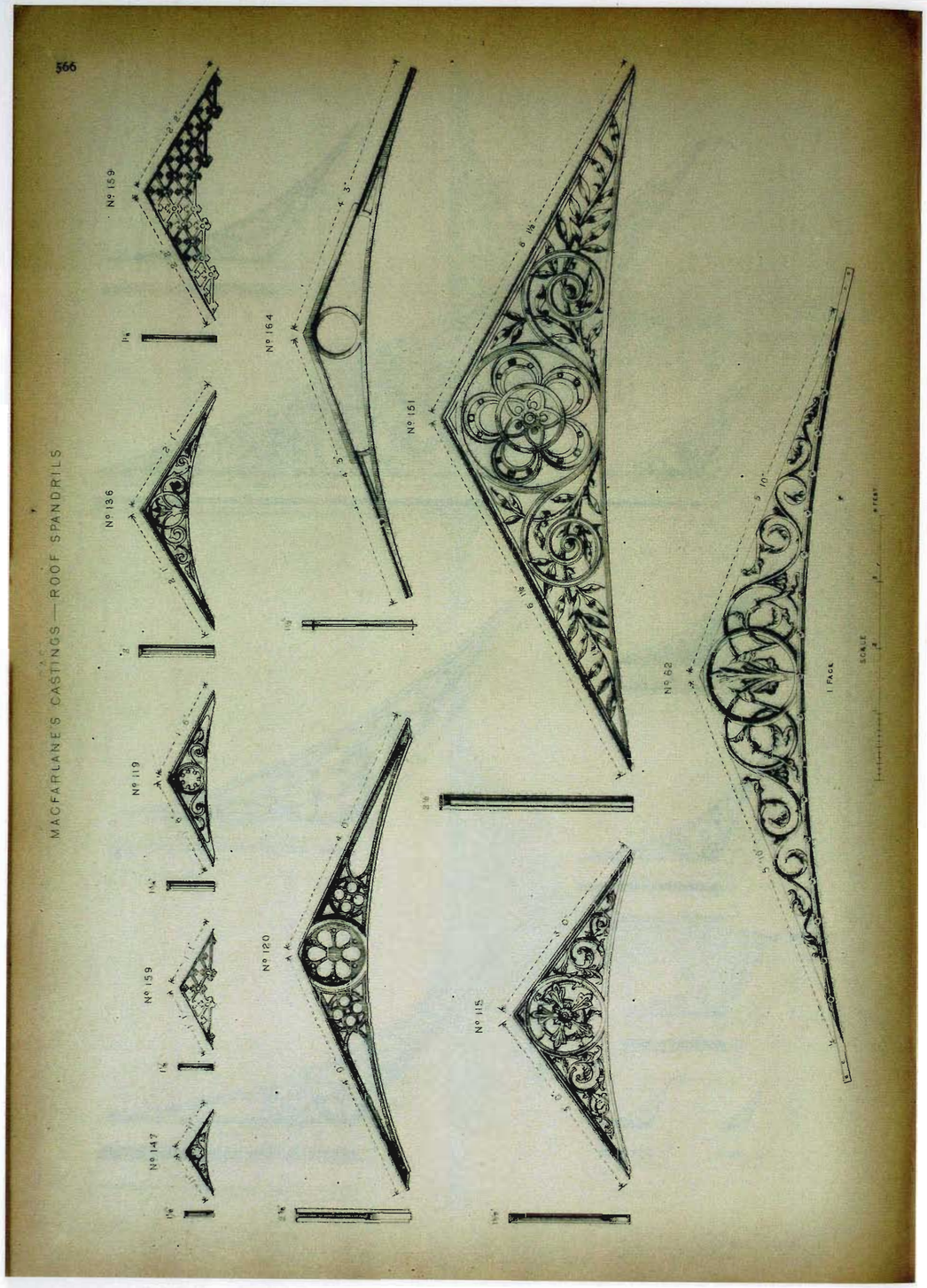
No. XLVII. EXAMPLE.

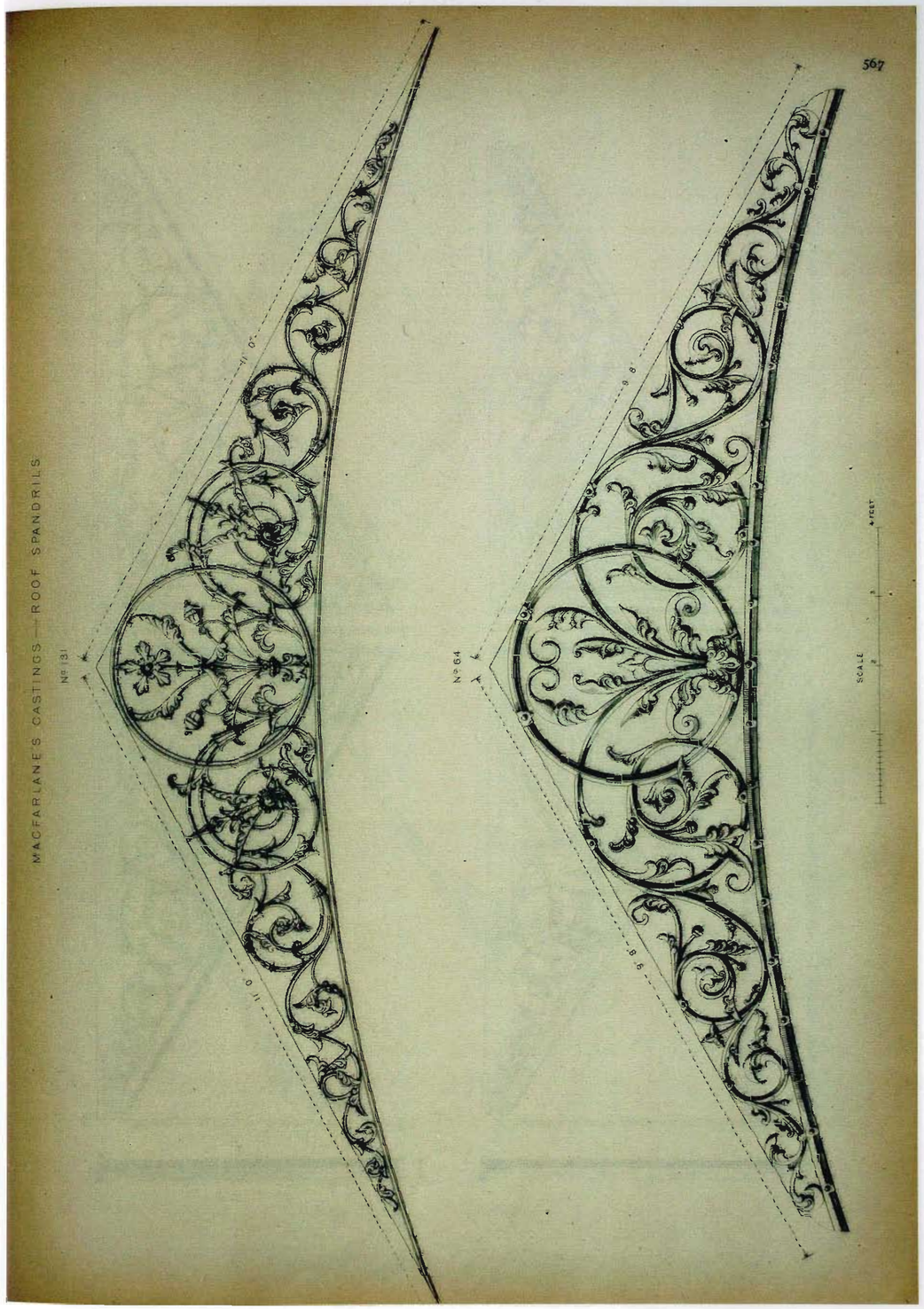


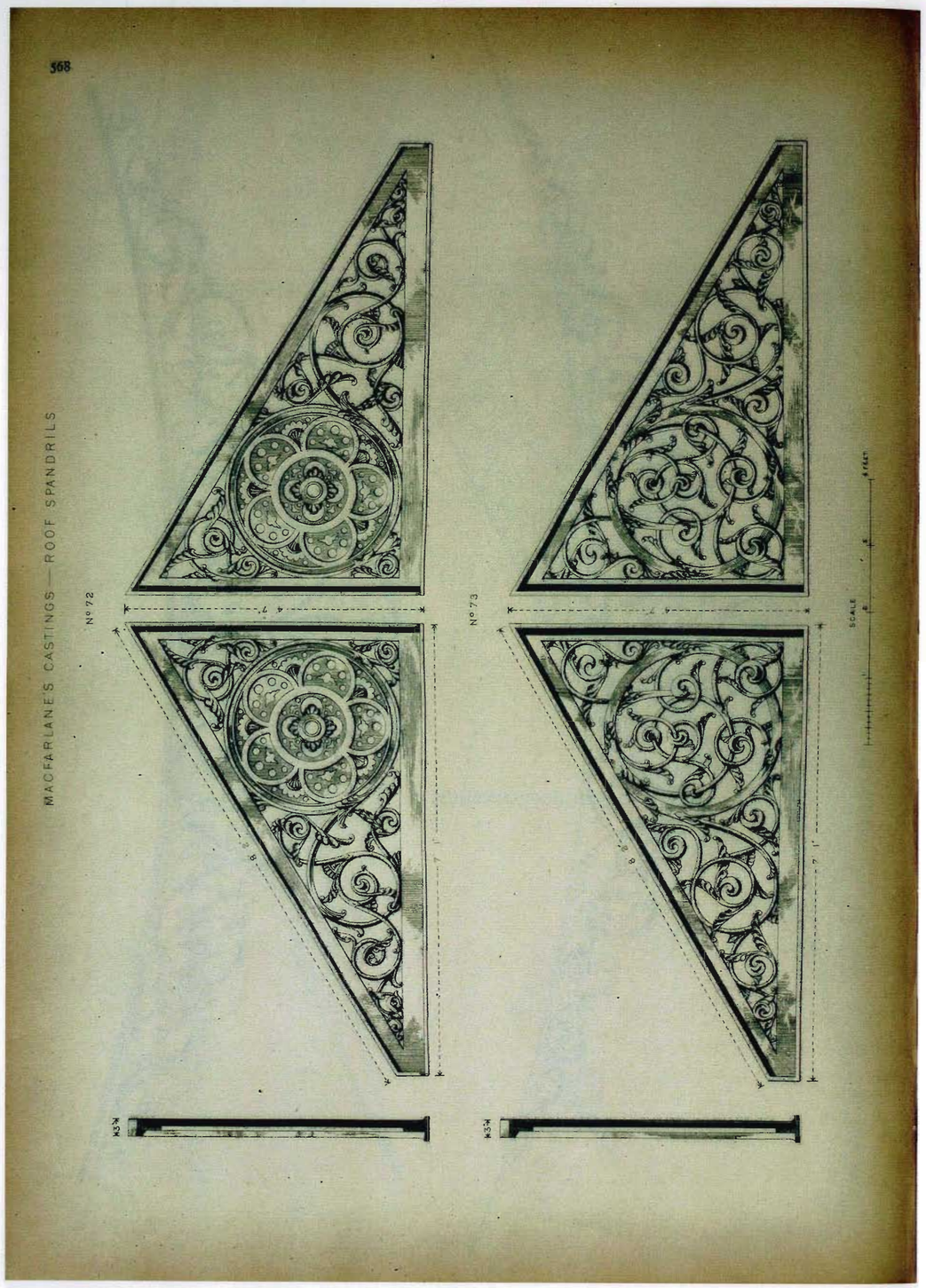
MACFARLANE'S CASTINGS — ROOF SPANDRILS

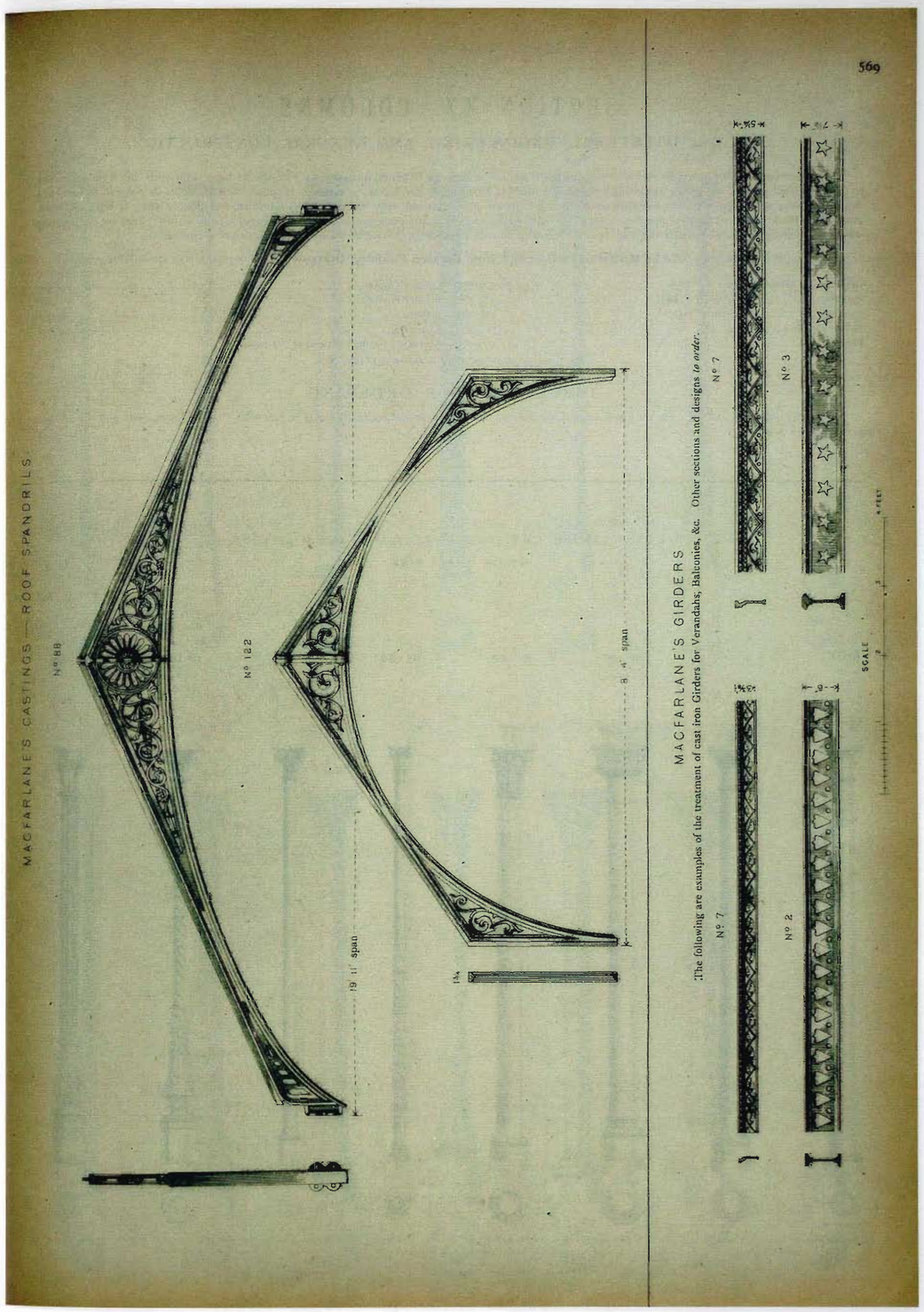
For application to Timber, Iron, or Glazed Roofs. Any bevel or span *to order*.




566
MACFARLANE'S CAST
CASTINGS — ROOF SPANDRILS
No 159
No 136
No 164
No 151
No 119
No 159
No 120
No 147
No 115
No 82
SCALE
FEET


567
MACFARLANE'S CASTINGS — ROOF SPANDRILS
No 131
No 64
SCALE
FEET


568
MACFARLANE'S CASTINGS — ROOF SPANDRILS
No 72
No 73
SCALE
4 FEET


569
MACFARLANE'S CASTINGS — ROOF SPANDRILS
No 88
19' 11" span
No 122
8' 4" span
MACFARLANE'S GIRDERS
The following are examples of the treatment of cast iron Girders for Verandahs, Balconies, &c. Other sections and designs to order.
No 7
No 3
No 2
SCALE
2 FEET

SECTION XX.—COLUMNS.

FOR ARCHITECTURAL, ENGINEERING, AND GENERAL CONSTRUCTION.

In connection with the improved construction of public, private, and commercial buildings, there arises a necessity for larger clear areas, free from obstruction to light, view, and passage, and having supports of a material not liable to be injured by fire, friction, or exposure;-conditions best attainable by cast-iron Columns and Brackets, combining strength with light and ornamental effect, in a greater degree than any other material. Their introduction in place of stone or brick partitions, especially in public works and business premises, facilitates the future readjustment of apartments to provide altered or extended accommodation. They are also specially suitable for Railway Structures, Building and Shop Fronts, Verandahs, Porches, Bandstands, Covered Ways, and an endless variety of applications.

Please insert in Specification "**To be Macfarlane's Castings, from Saracen Foundry, Glasgow,**" to prevent an inferior article being supplied.

Columns and Mullions, under 7' 0" high,	pages 570–572	Column Capitals,	pages 592–593
Columns, 7' 0" to 10' 0" high,	„ 573–577	Pilaster Capitals,	„ 593
Columns, over 10' 0" high,	„ 578–589	Pedestals,	„ 594–596
Square Columns,	„ 572 & 589	Examples,	pages 597–604
Pilasters,	„ 590–591	Also other Examples at end of Catalogue.	

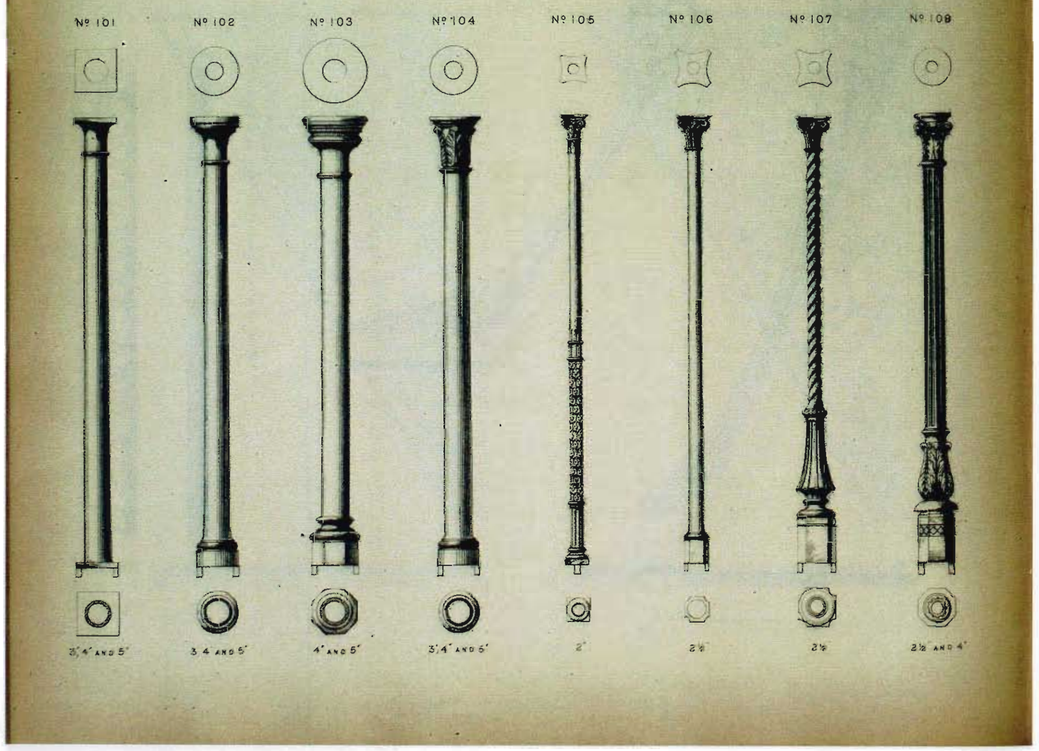
The illustrations are arranged in the order of their Nos.

DIRECTIONS FOR ORDERING.

State No. and Sizes, and when necessary give rough sketch showing any addition or modification that may be required. Flanges, Shoes, Bolts, and other fittings than those shown, *to order*.

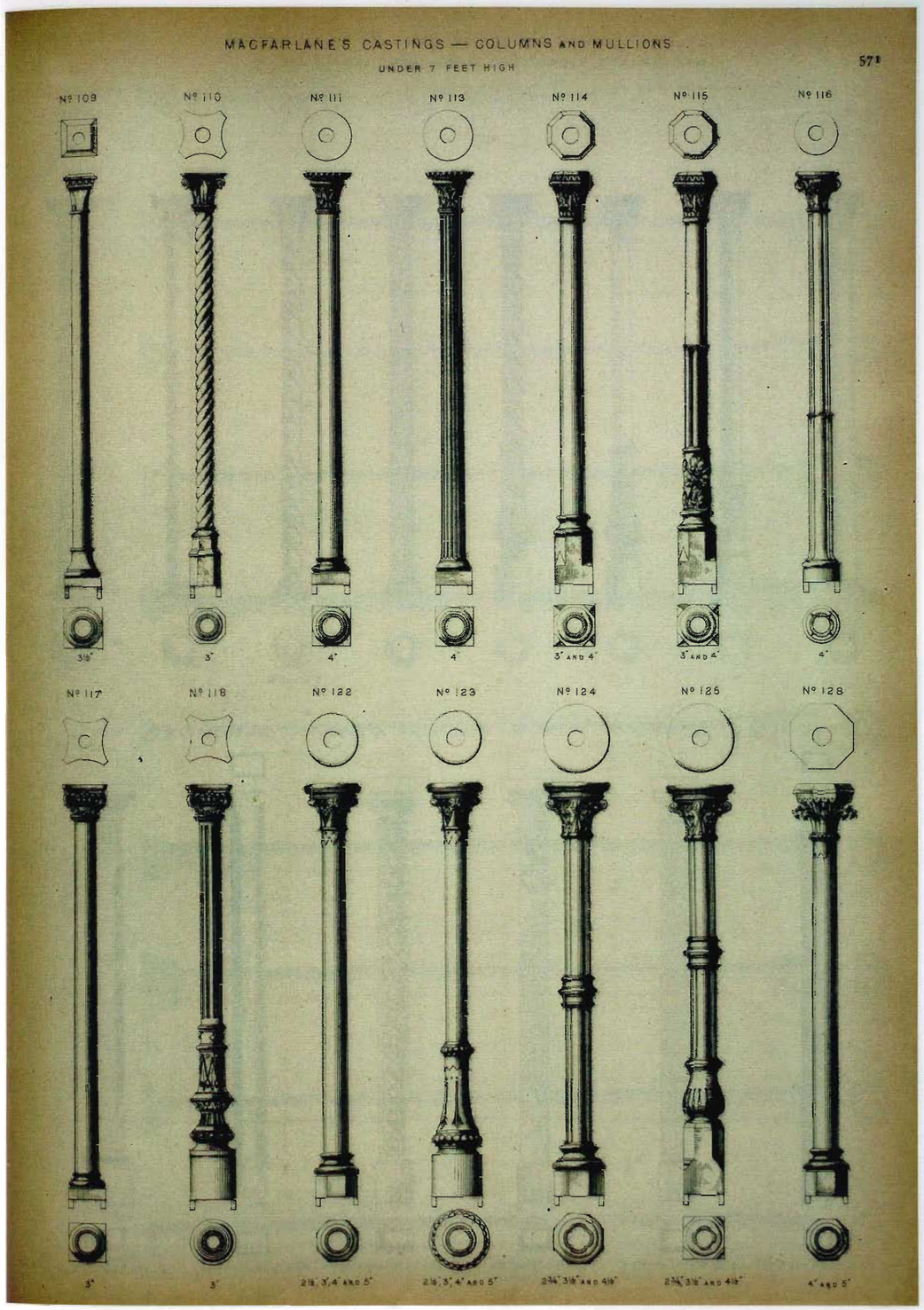
MACFARLANE'S CASTINGS — COLUMNS AND MULLIONS

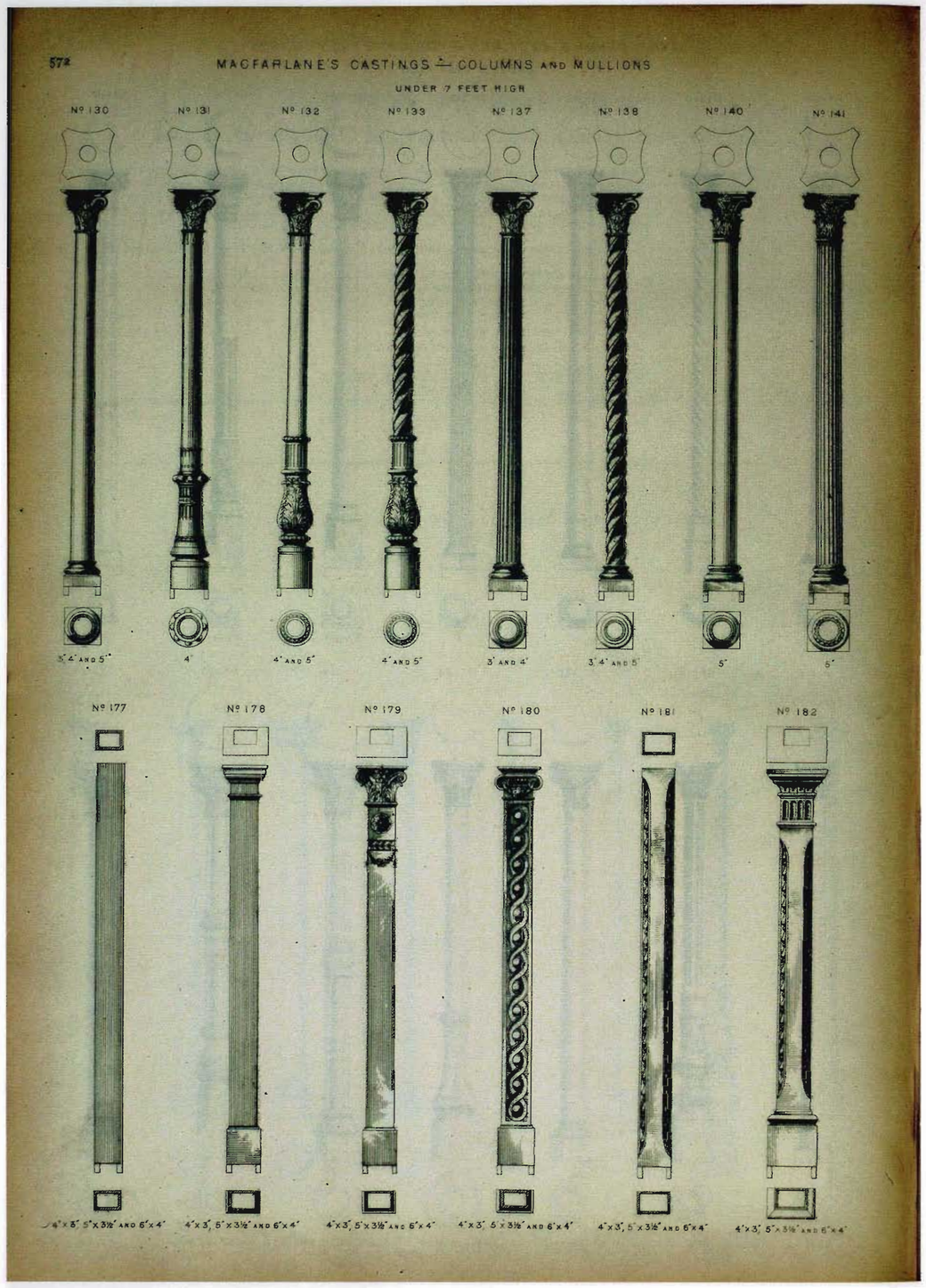
UNDER 7 FEET HIGH

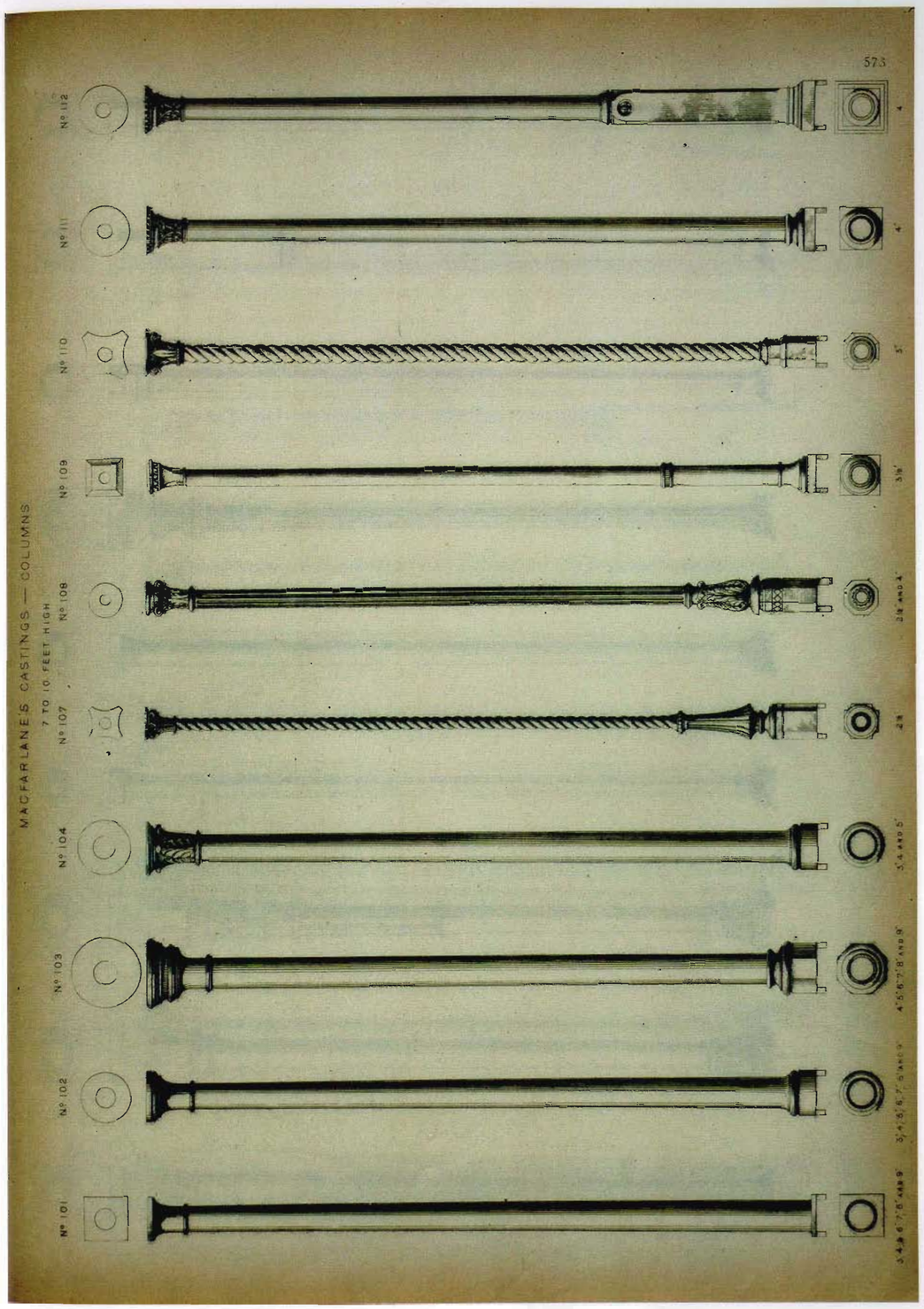


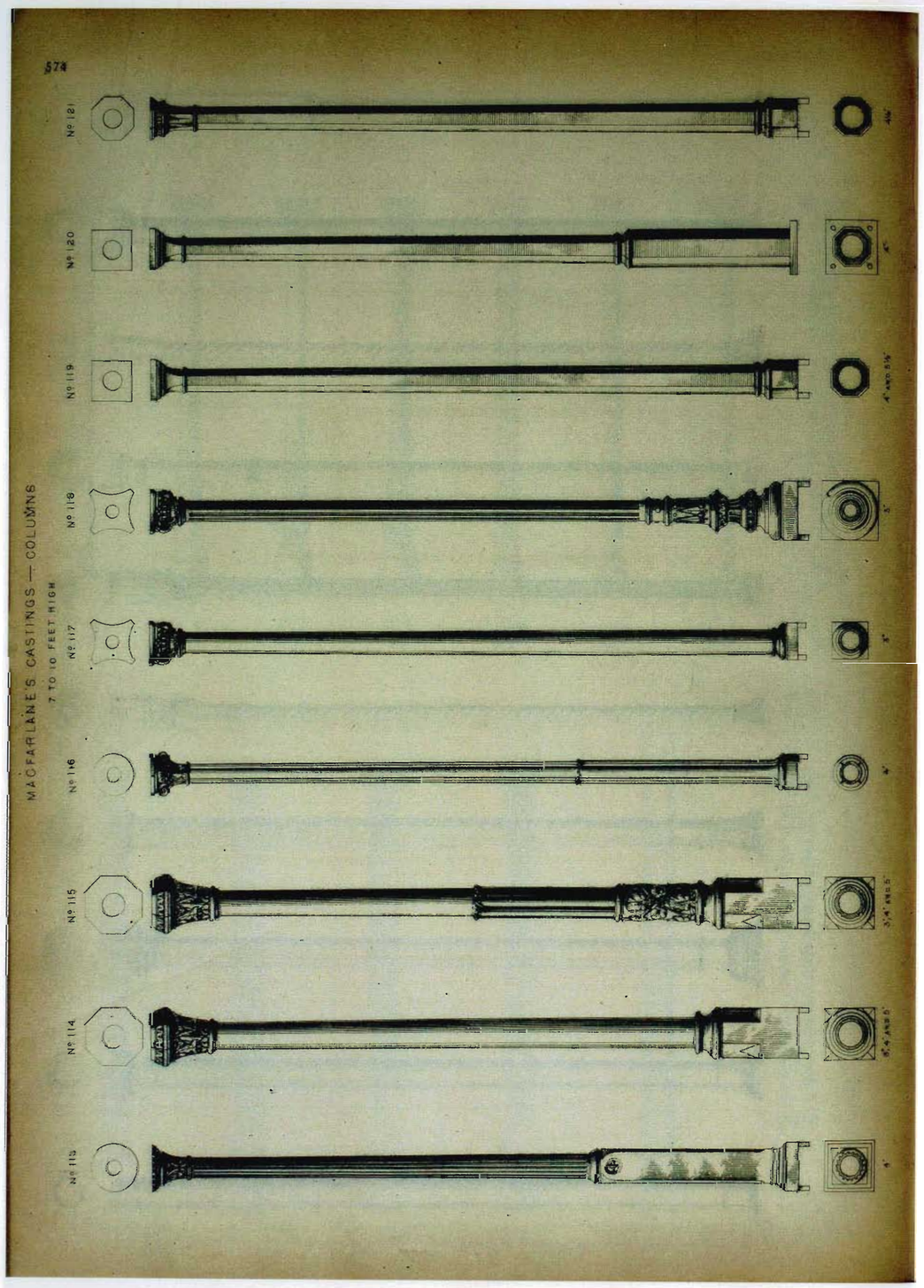
MACFARLANE'S CASTINGS — COLUMNS AND MULLIONS

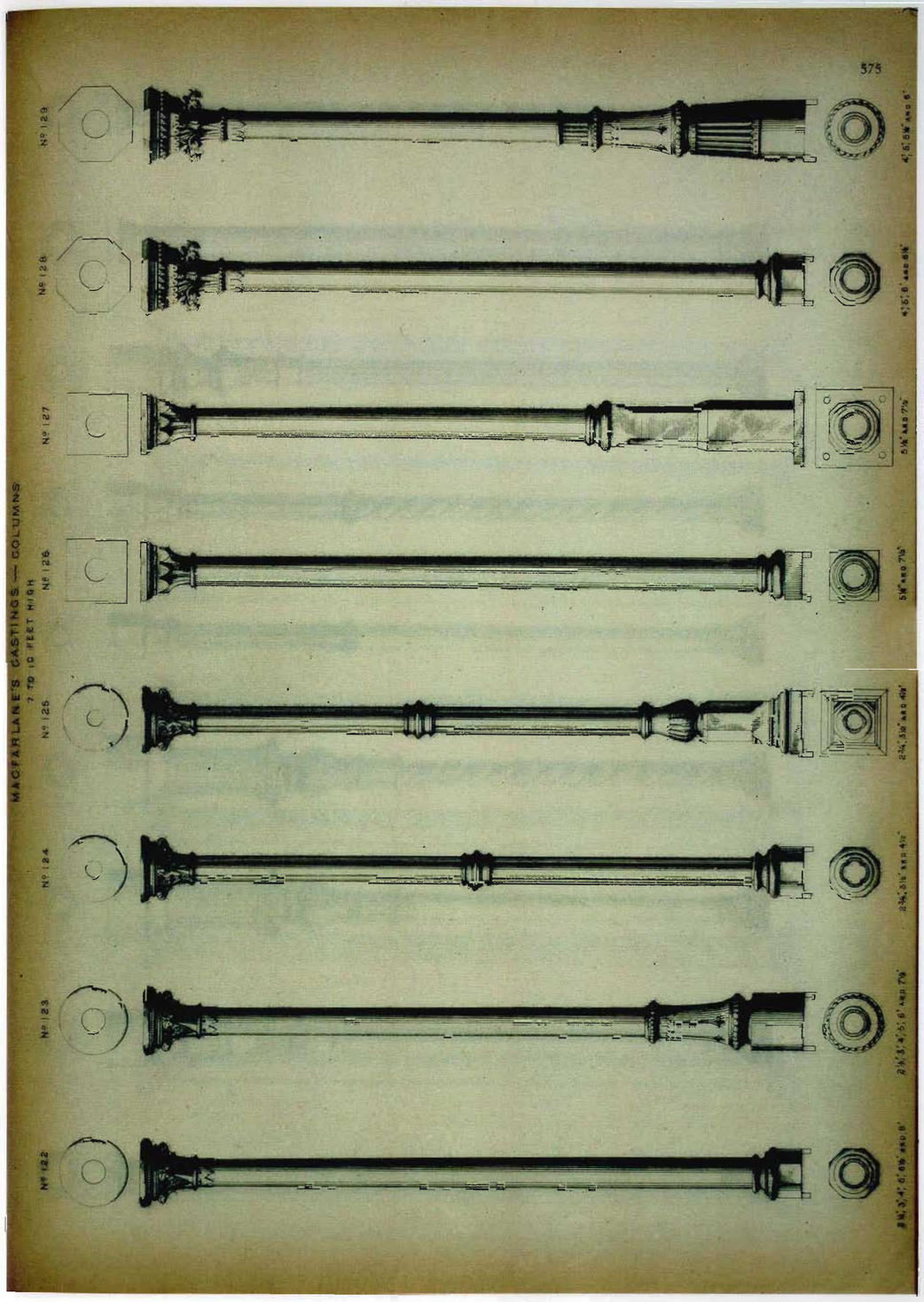
UNDER 7 FEET HIGH

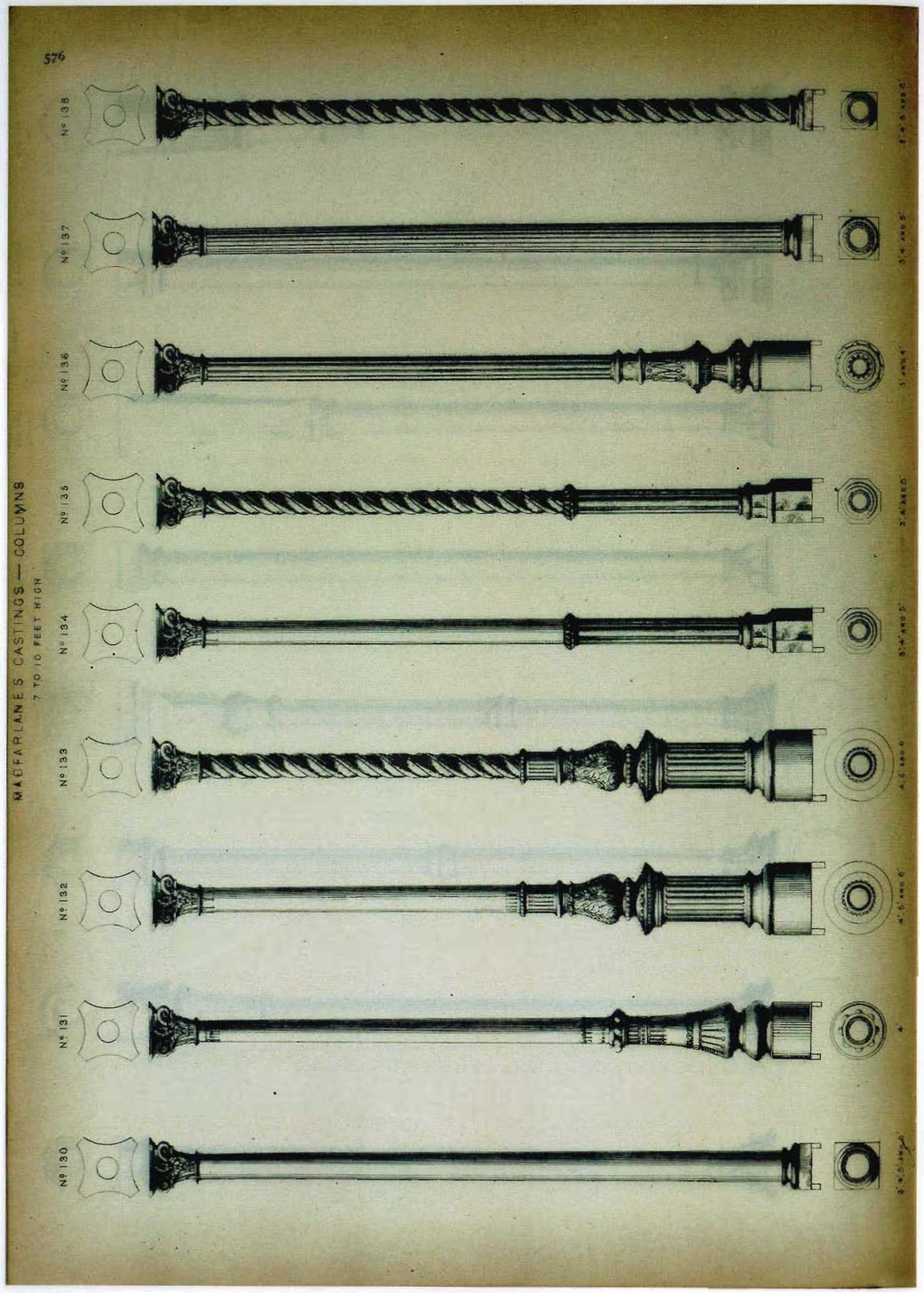


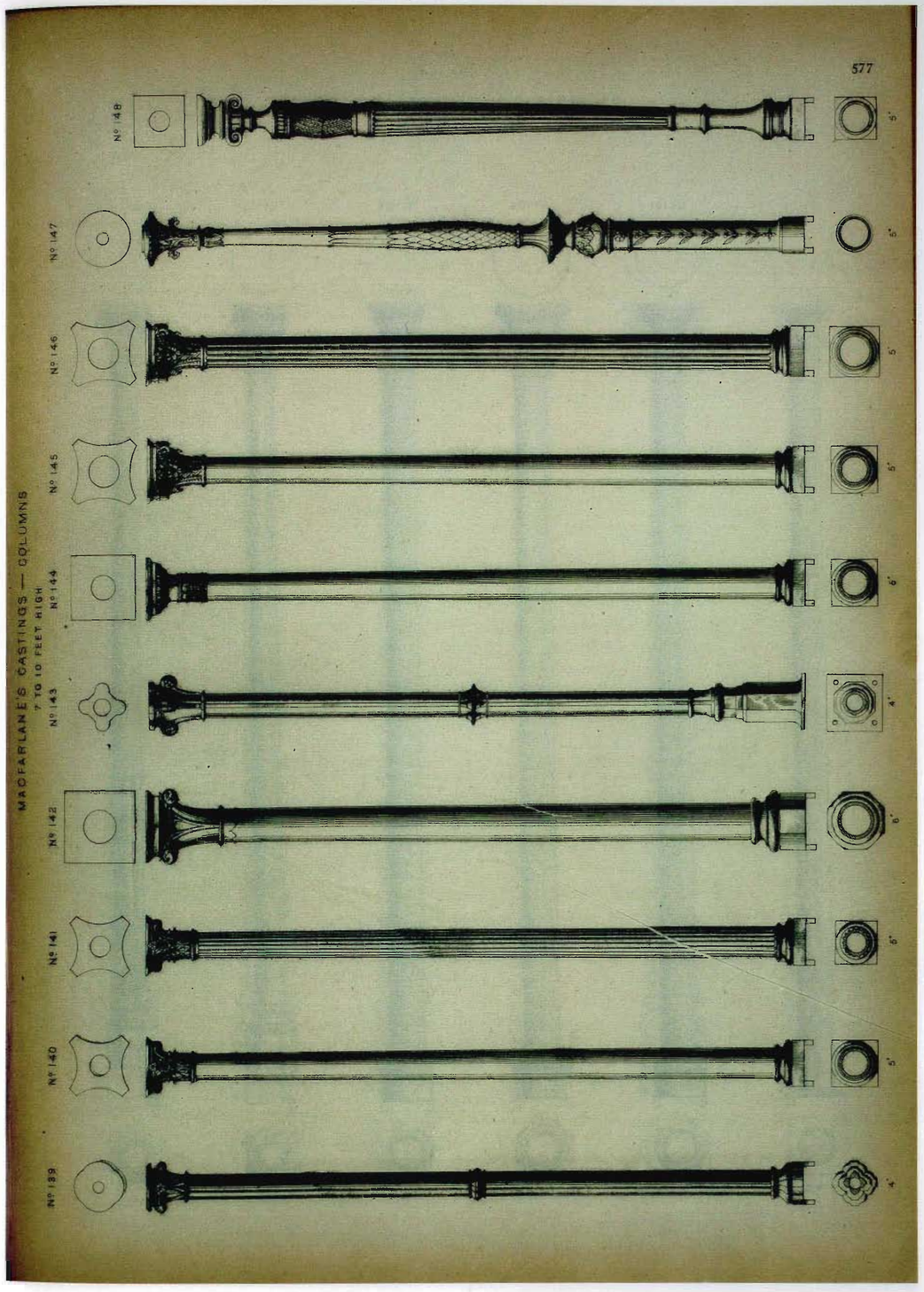

572
MACFARLANE'S CASTINGS — COLUMNS AND MULLIONS
UNDER 7 FEET HIGH
Nº 130
Nº 131
Nº 132
Nº 133
Nº 137
Nº 138
Nº 140
Nº 141
3' 4' AND 5"
4'
4' AND 5"
4' AND 5"
3' AND 4'
3' 4' AND 5'
5'
5'
Nº 177
Nº 178
Nº 179
Nº 180
Nº 181
Nº 182
6"x 3", 5"x 3½" AND 6"x 4"
4"x 3", 5"x 3½" AND 6"x 4"
4"x 3", 5"x 3½" AND 6"x 4"
4"x 3", 6"x 3½" AND 6"x 4"
4"x 3", 5"x 3½" AND 6"x 4"
4"x 3", 5"x 3½" AND 6"x 4"

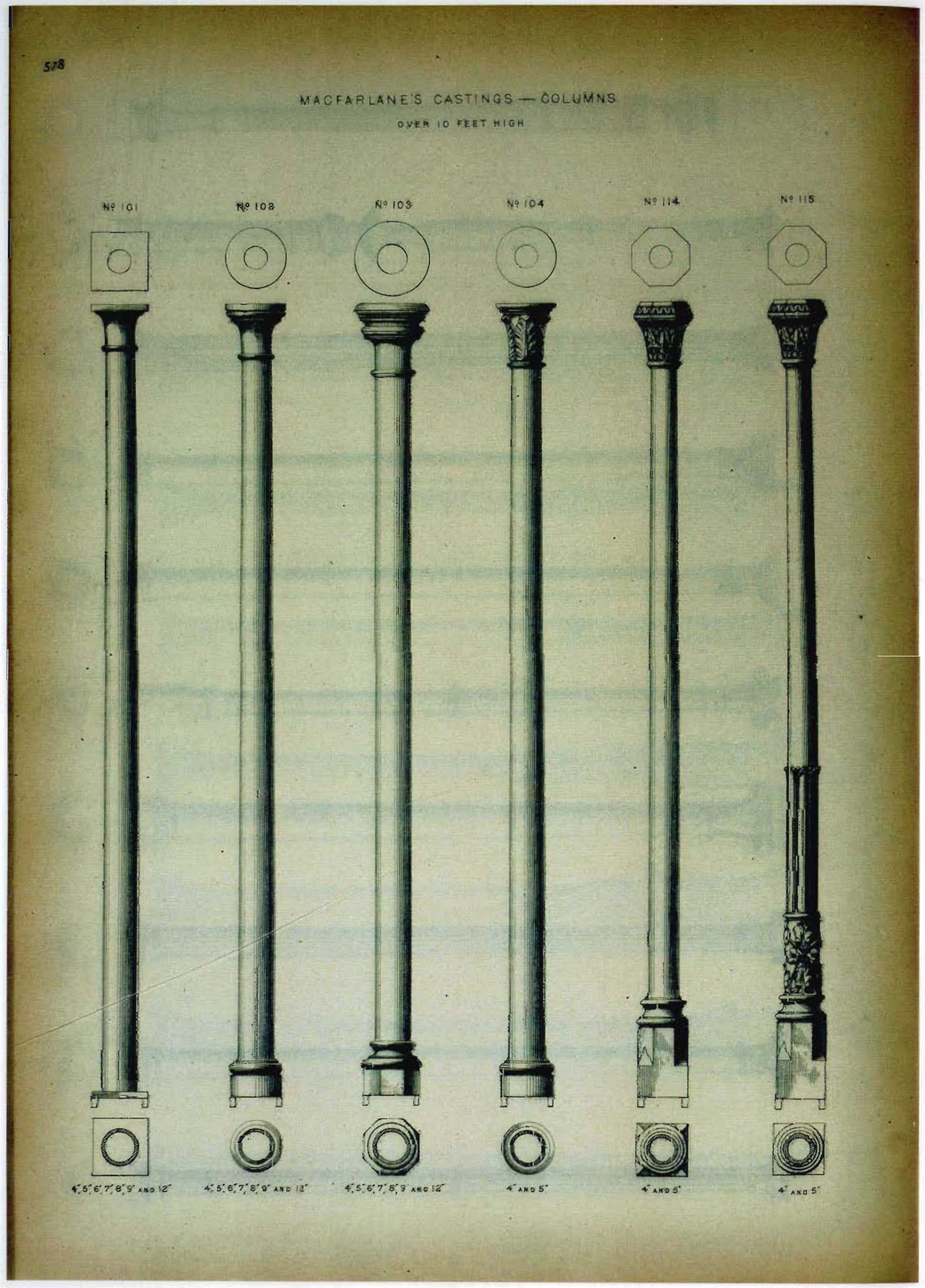

573
MACFARLANE'S CASTINGS — COLUMNS
7 TO 10 FEET HIGH
Nº 112
Nº 111
Nº 110
Nº 109
Nº 108
Nº 107
Nº 104
Nº 103
Nº 102
Nº 101

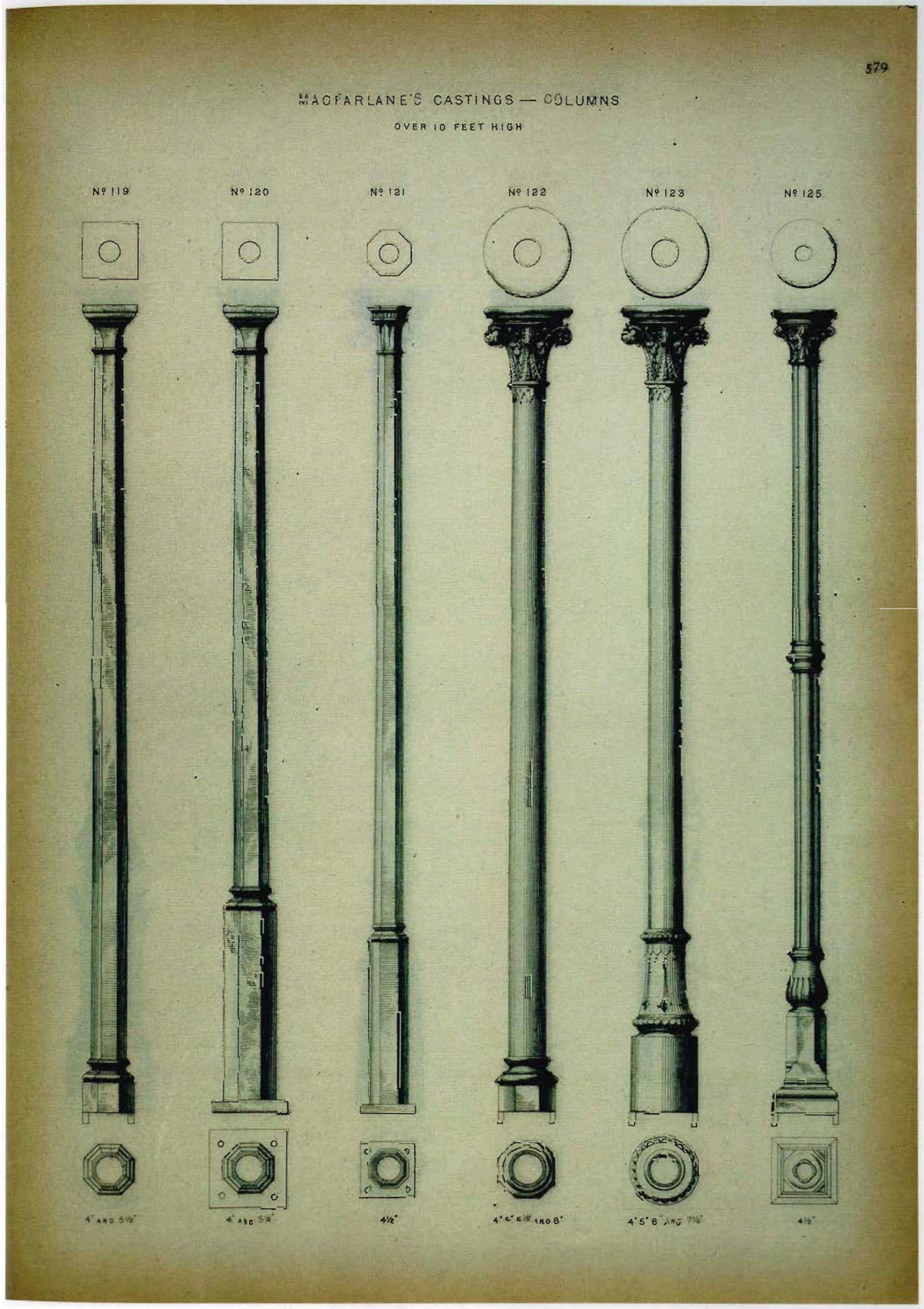

574
MACFARLANE'S CASTINGS — COLUMNS
7 TO 10 FEET HIGH
Nº 121
Nº 120
Nº 119
Nº 118
Nº 117
Nº 116
Nº 115
Nº 114
Nº 113

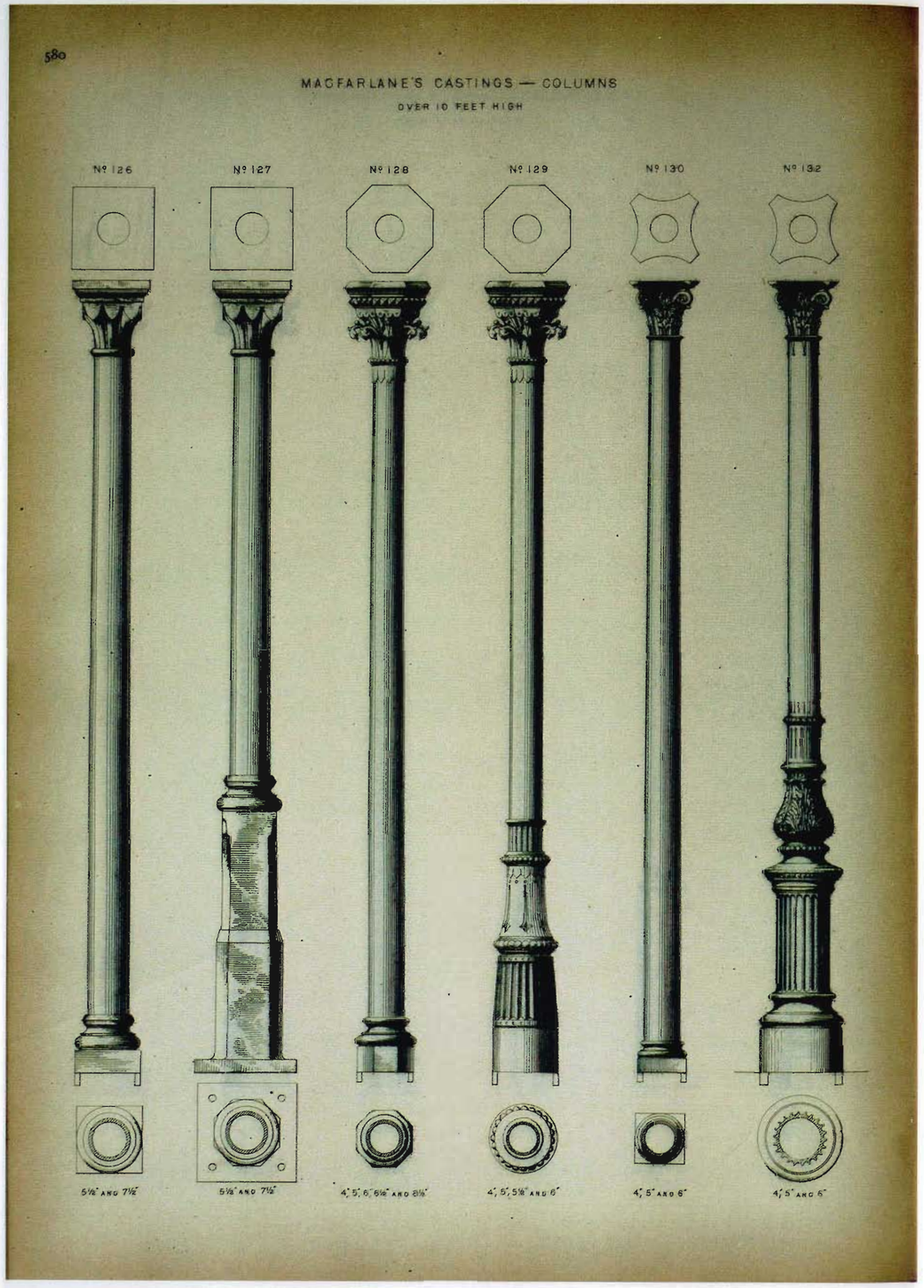

575
MACFARLANE'S CASTINGS — COLUMNS
7 TO 10 FEET HIGH
Nº 129
Nº 128
Nº 127
Nº 126
Nº 125
Nº 124
Nº 123
Nº 122

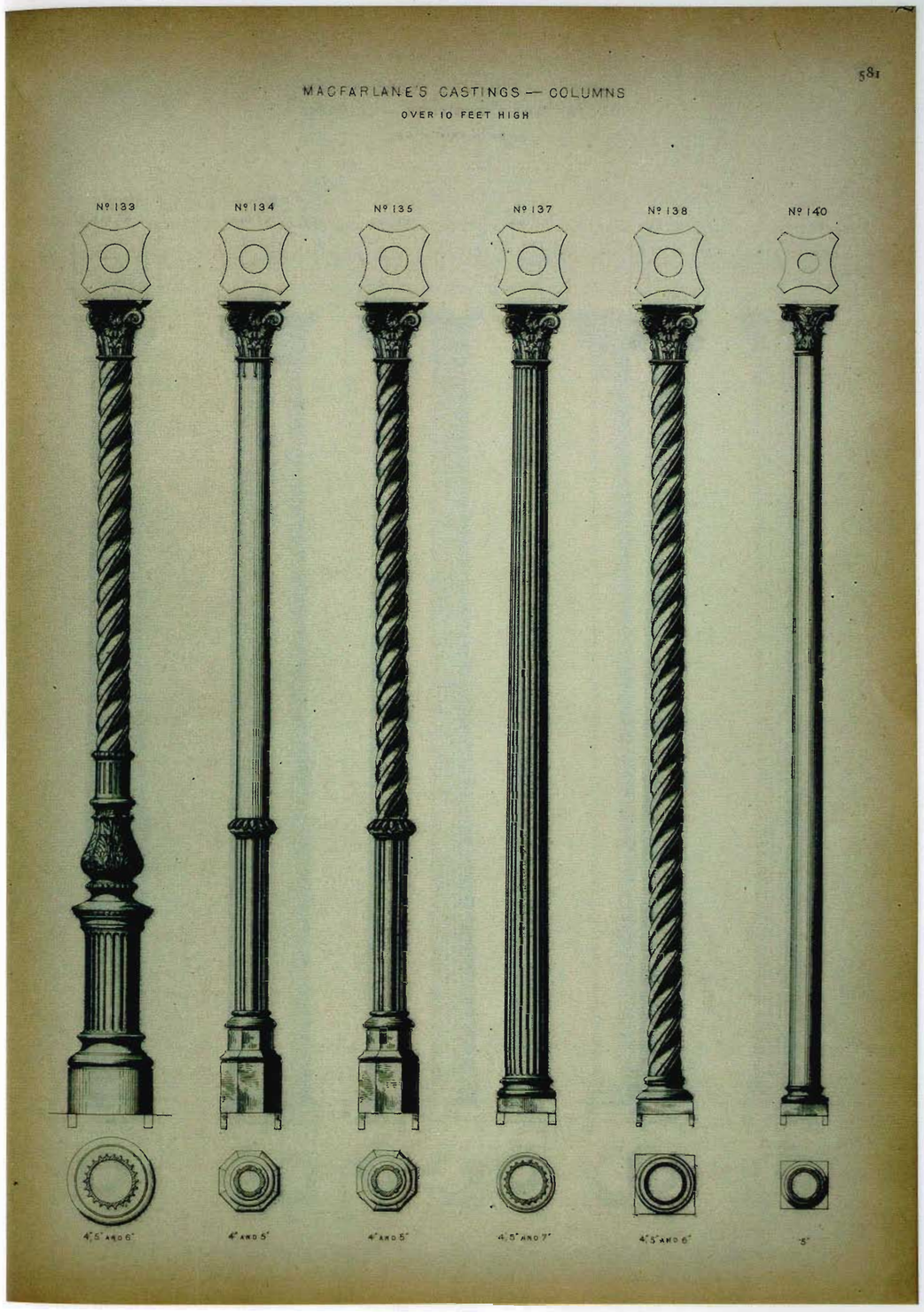

576
MACFARLANE'S CASTINGS — COLUMNS
7 TO 10 FEET HIGH
Nº 138
Nº 137
Nº 136
Nº 135
Nº 134
Nº 133
Nº 132
Nº 131
Nº 130


577
MACFARLANE'S CASTINGS — COLUMNS
7 TO 10 FEET HIGH
Nº 148
Nº 147
Nº 146
Nº 145
Nº 144
Nº 143
Nº 142
Nº 141
Nº 140
Nº 139


578
MACFARLANE'S CASTINGS — COLUMNS
OVER 10 FEET HIGH
Nº 101
Nº 108
Nº 103
Nº 104
Nº 114
Nº 115
4', 5', 6', 7', 8', 9' AND 12"
4', 5', 6', 7', 8', 9' AND 12"
4', 5', 6', 7', 8', 9 AND 12"
4" AND 5"
4" AND 5"
4" AND 5"


579
MACFARLANE'S CASTINGS — COLUMNS
OVER 10 FEET HIGH
Nº 119
Nº 120
Nº 121
Nº 122
Nº 123
Nº 125
4" AND 5½"
4" AND 5½"
4½"
4', 6', 8' AND 8'
4', 5', 6' AND 7½"
4½"

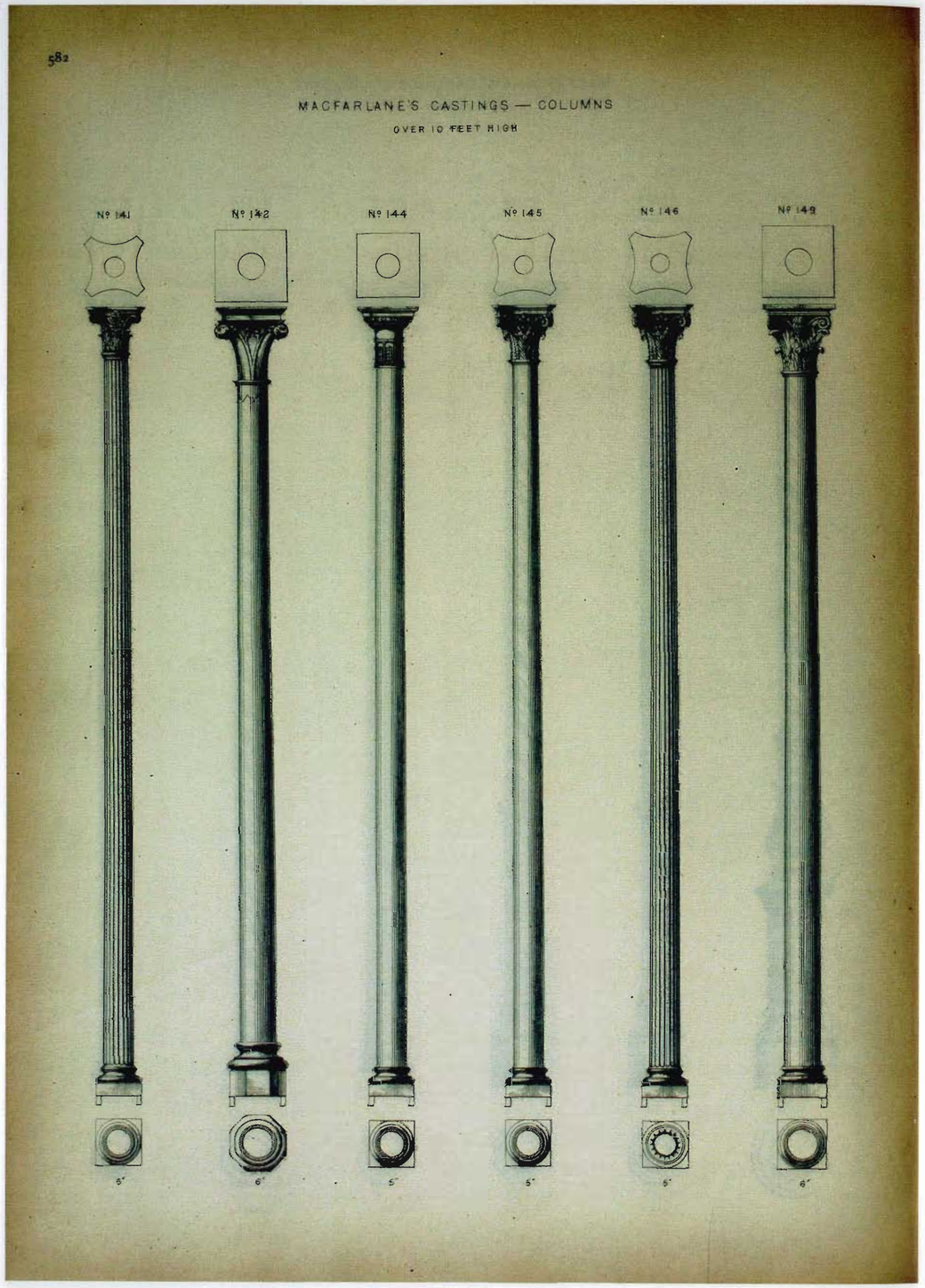

580
MACFARLANE'S CASTINGS — COLUMNS
OVER 10 FEET HIGH
Nº 126
Nº 127
Nº 128
Nº 129
Nº 130
Nº 132
5½" AND 7½"
5½" AND 7½"
4', 5', 6', 6½" AND 8½"
4', 5', 5½" AND 6"
4', 5" AND 6"
4', 5" AND 6"


581
MACFARLANE'S CASTINGS — COLUMNS
OVER 10 FEET HIGH
Nº 133
Nº 134
Nº 135
Nº 137
Nº 138
Nº 140
4', 5" AND 6"
4" AND 5"
4" AND 5"
4, 5" AND 7"
4', 5" AND 6"
5"

582

MACFARLANE'S CASTINGS — COLUMNS

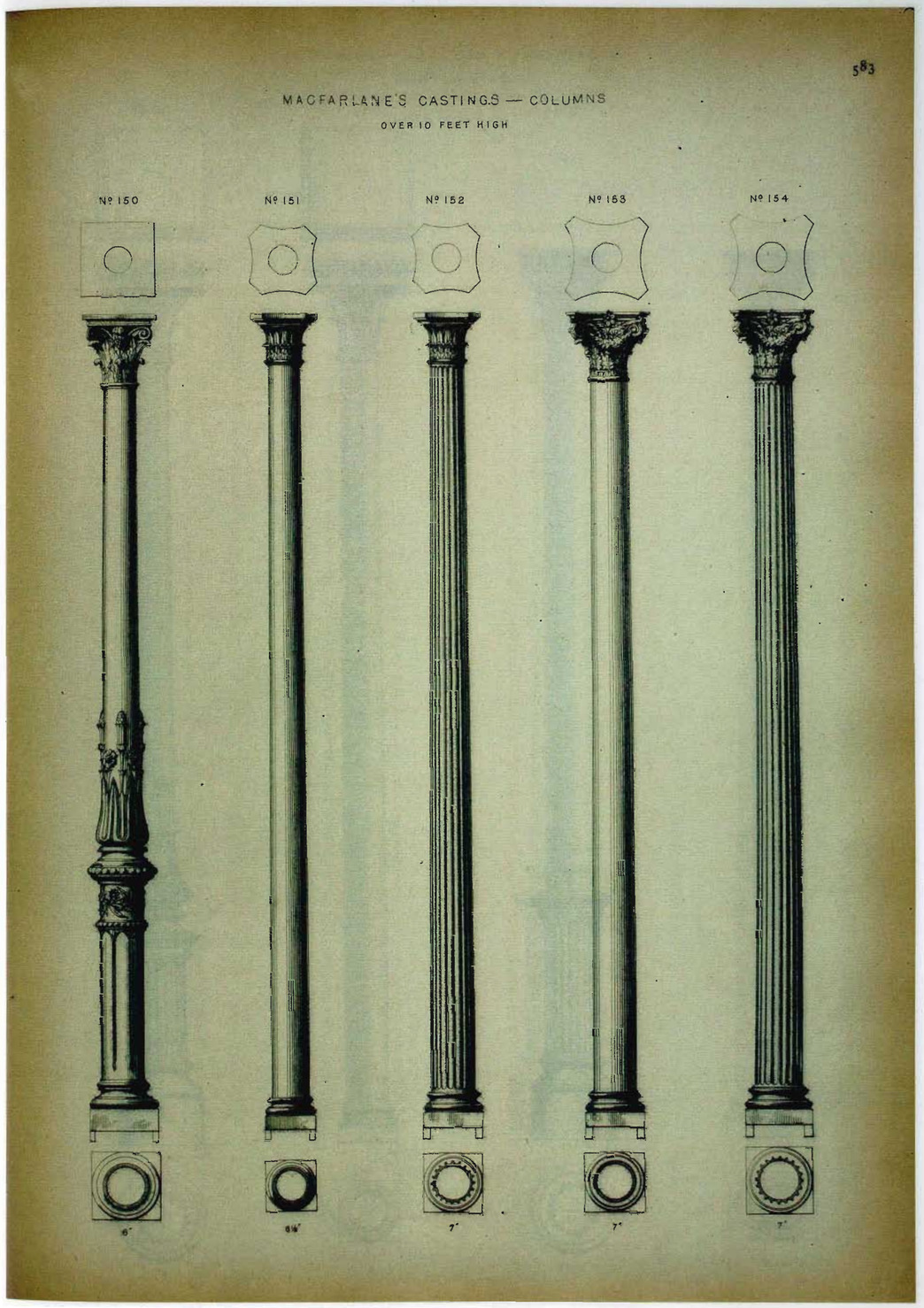
OVER 10 FEET HIGH



583

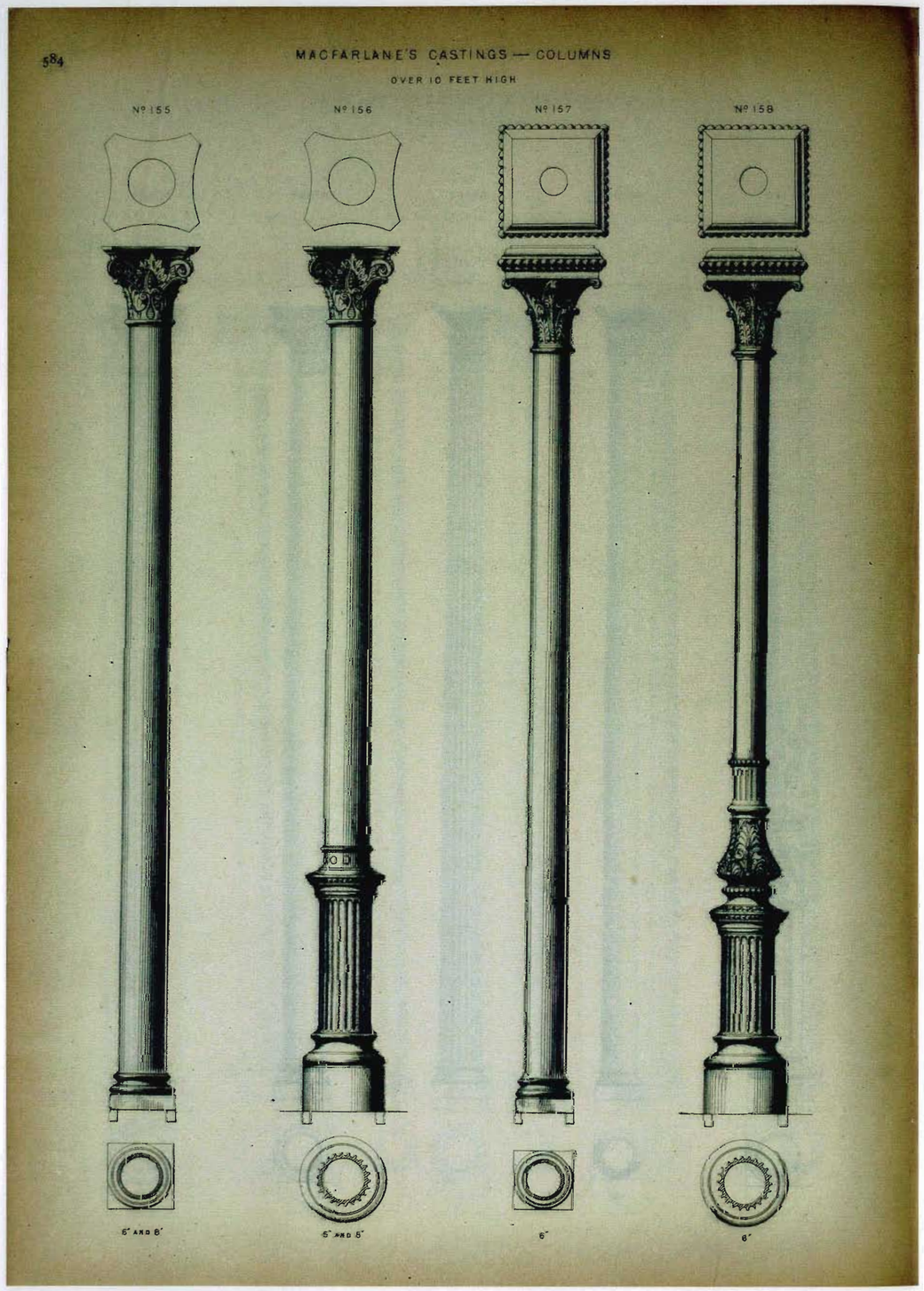
MACFARLANE'S CASTINGS — COLUMNS

OVER 10 FEET HIGH



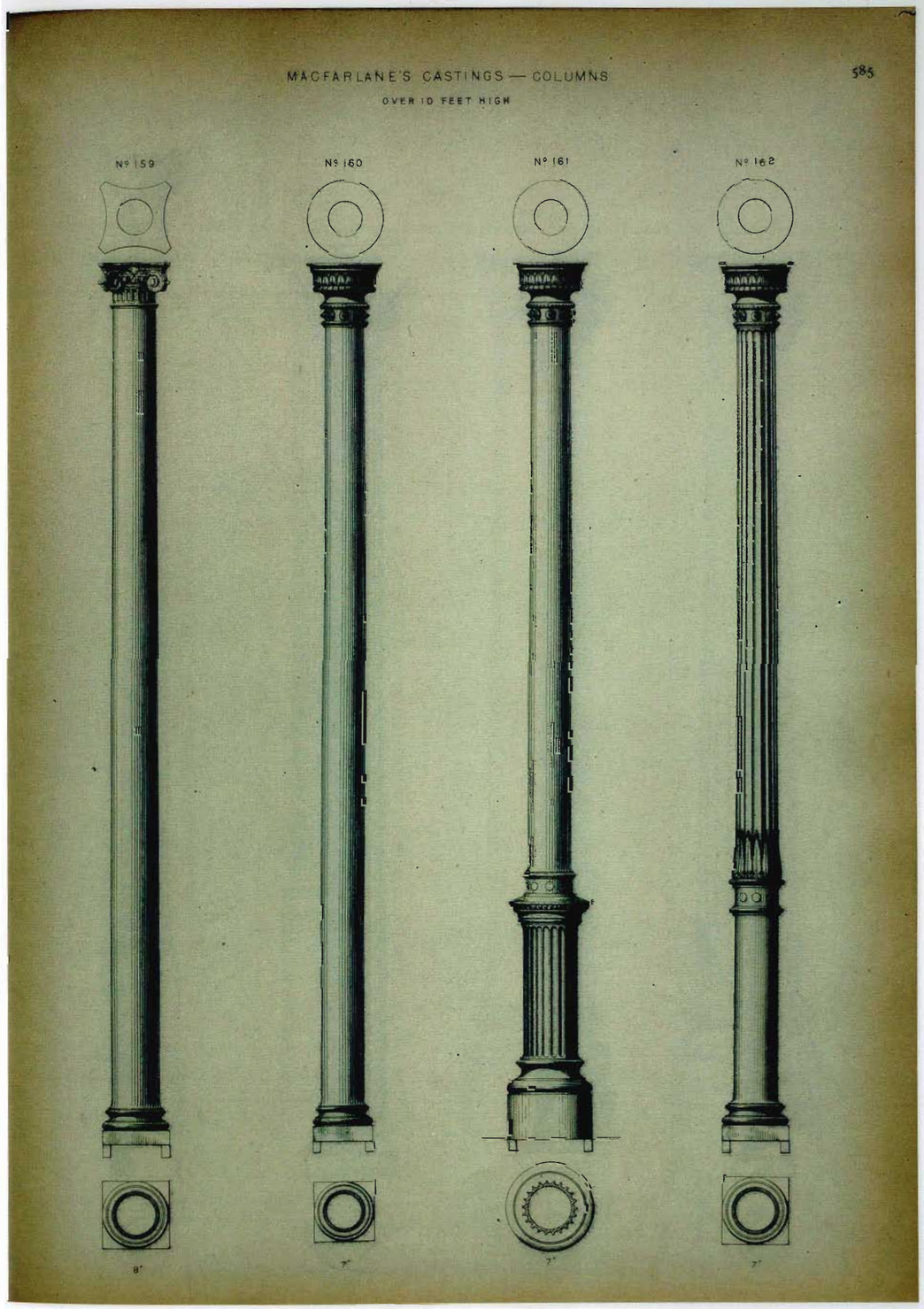
MACFARLANE'S CASTINGS — COLUMNS

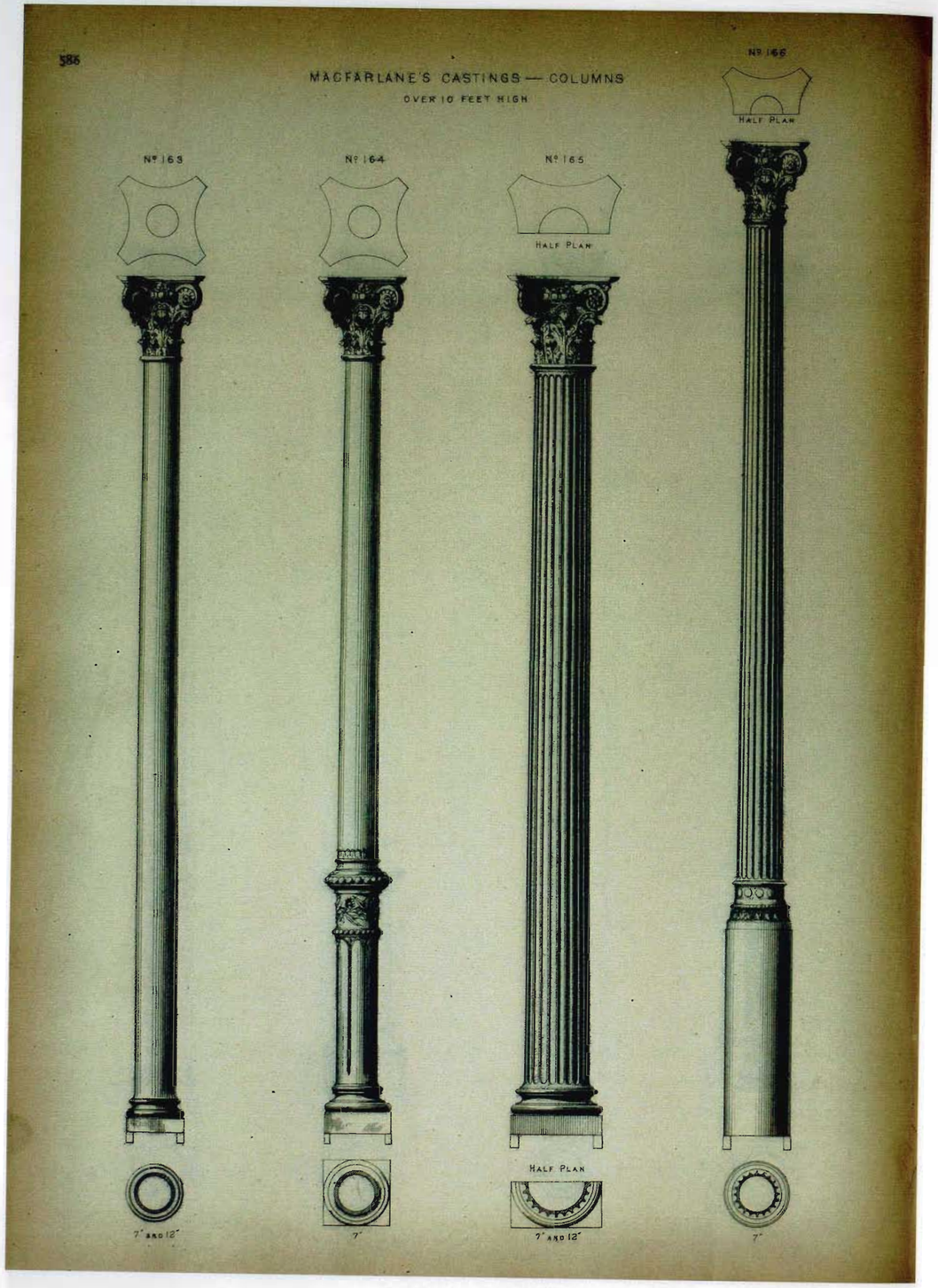
OVER 10 FEET HIGH

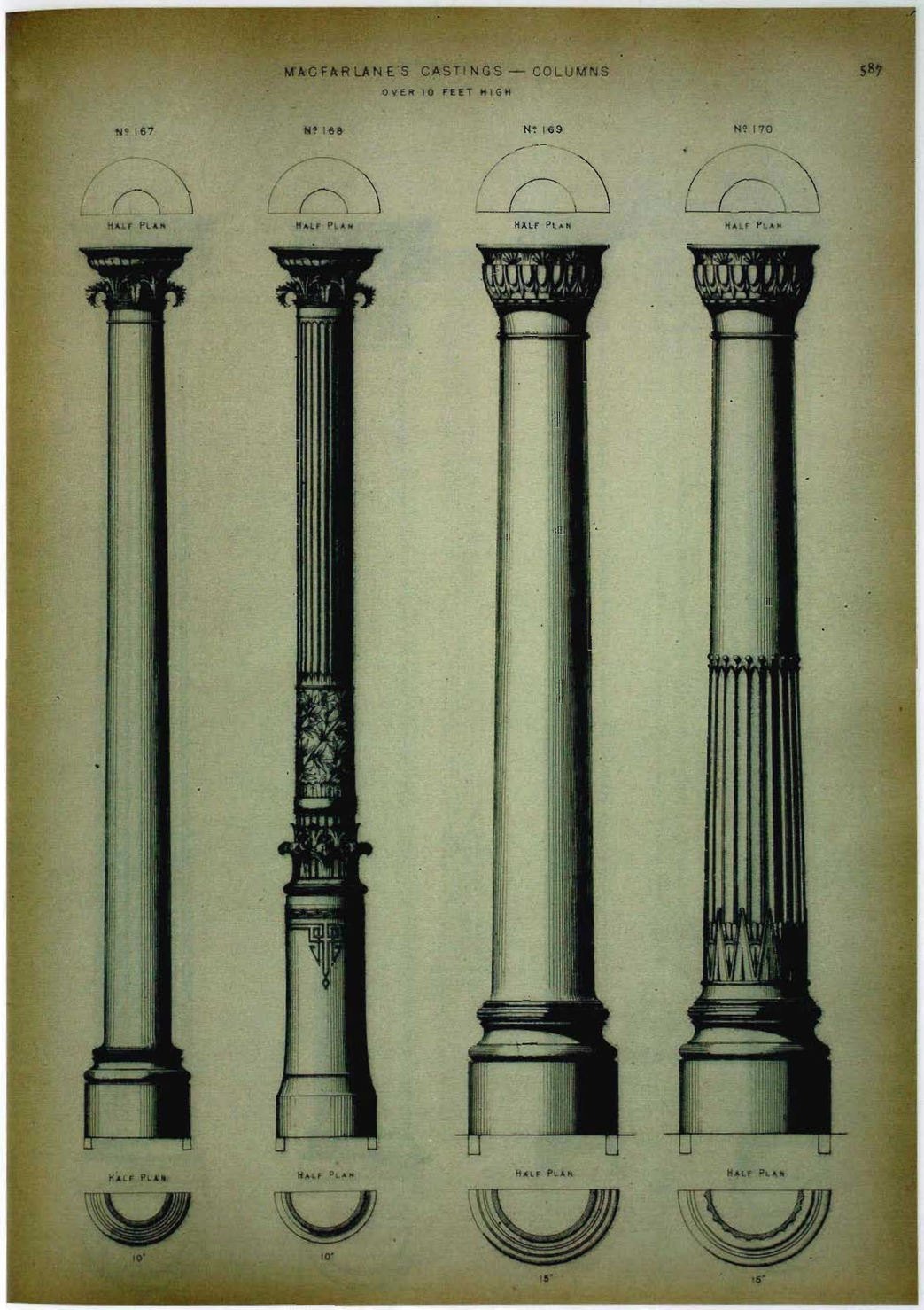


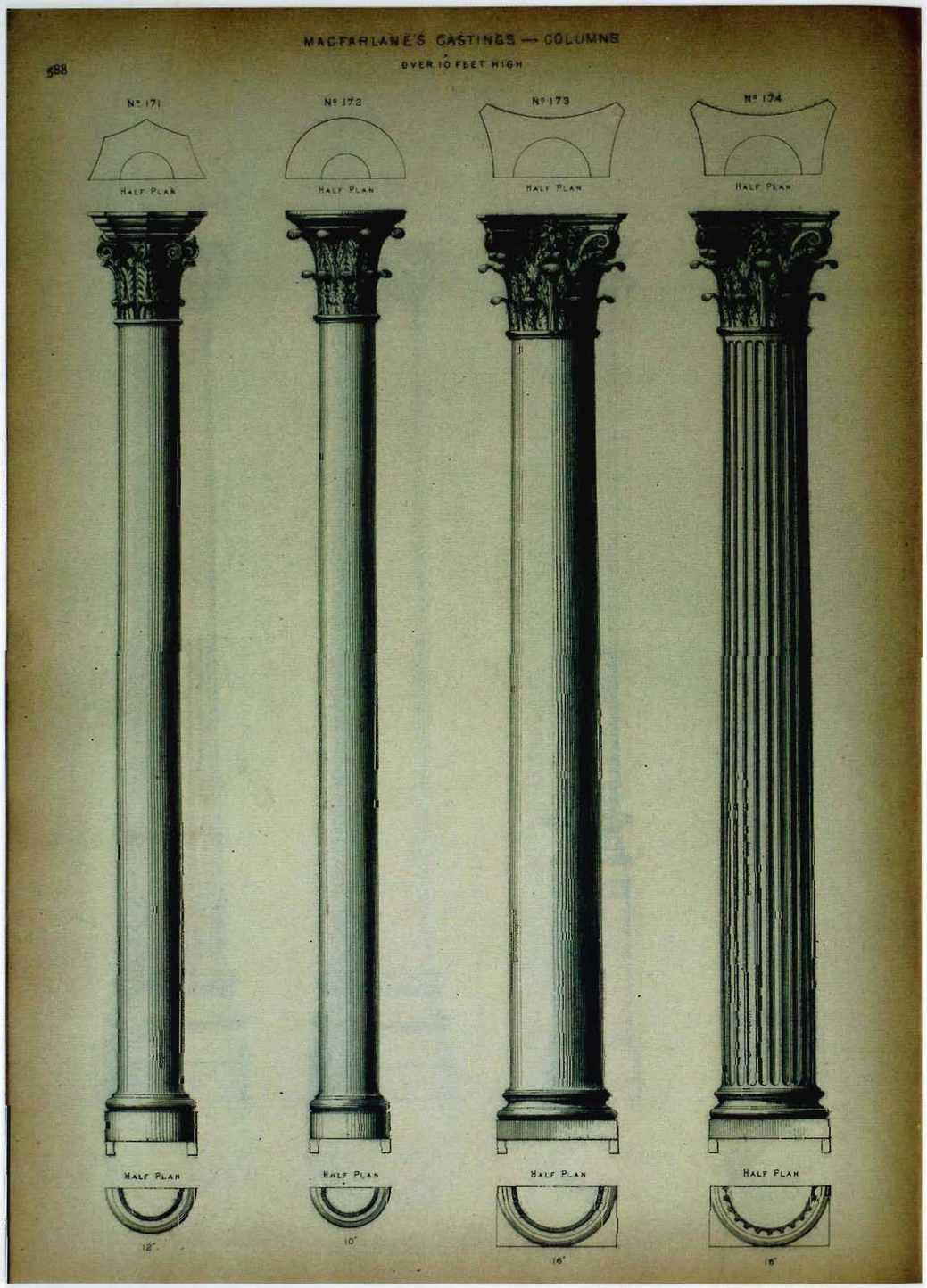
MACFARLANE'S CASTINGS — COLUMNS

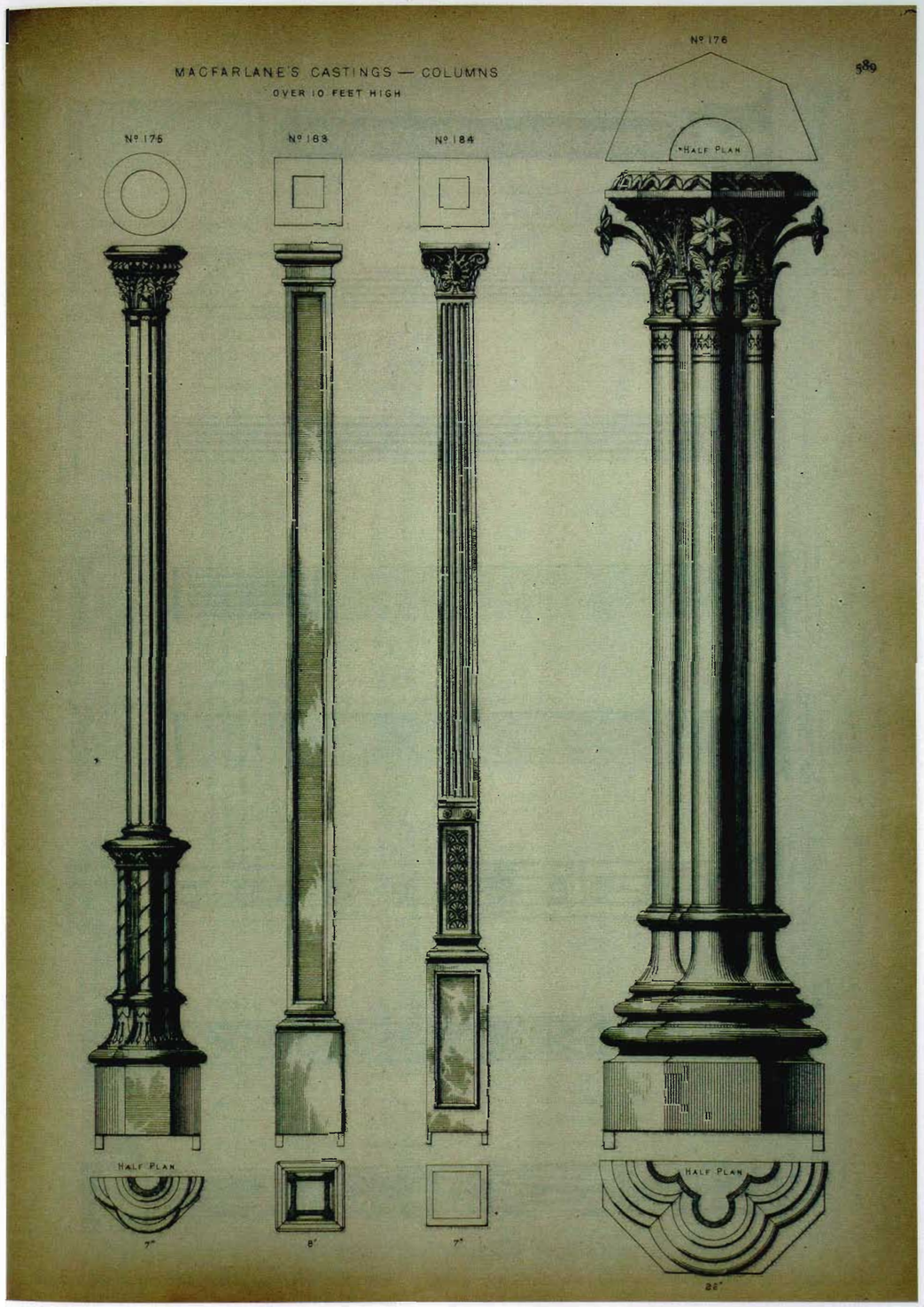
OVER 10 FEET HIGH

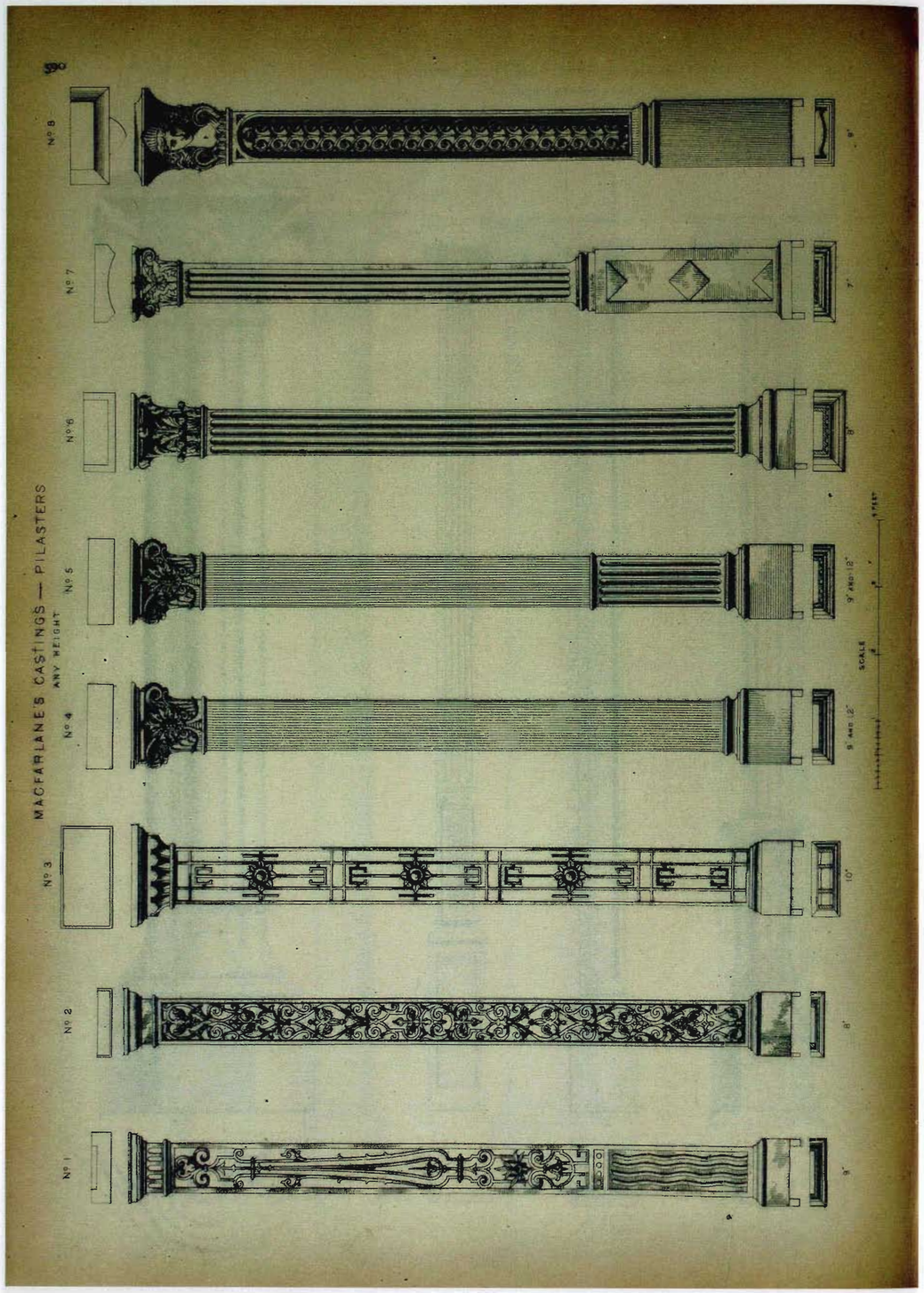


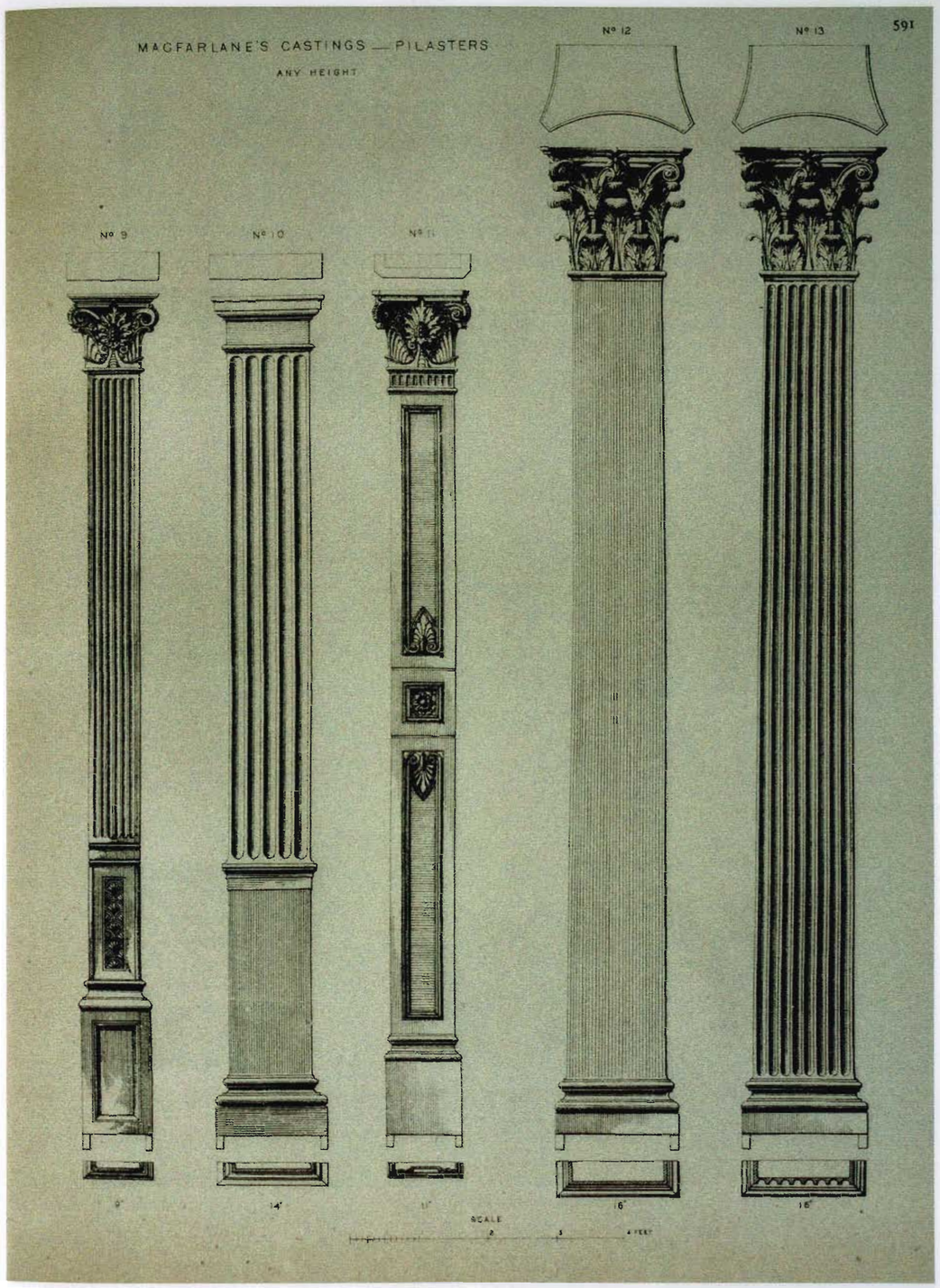

586
MACFARLANE'S CASTINGS — COLUMNS
OVER 10 FEET HIGH
Nº 163
Nº 164
Nº 165
Nº 166
HALF PLAN
HALF PLAN
HALF PLAN
7" AND 12"
7"
7" AND 12"
7"


MACFARLANE'S CASTINGS — COLUMNS
OVER 10 FEET HIGH
587
Nº 167
Nº 168
Nº 169
Nº 170
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
10"
10"
15"
15"


588
MACFARLANE'S CASTINGS — COLUMNS
OVER 10 FEET HIGH
Nº 171
Nº 172
Nº 173
Nº 174
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
12"
10"
16"
16"

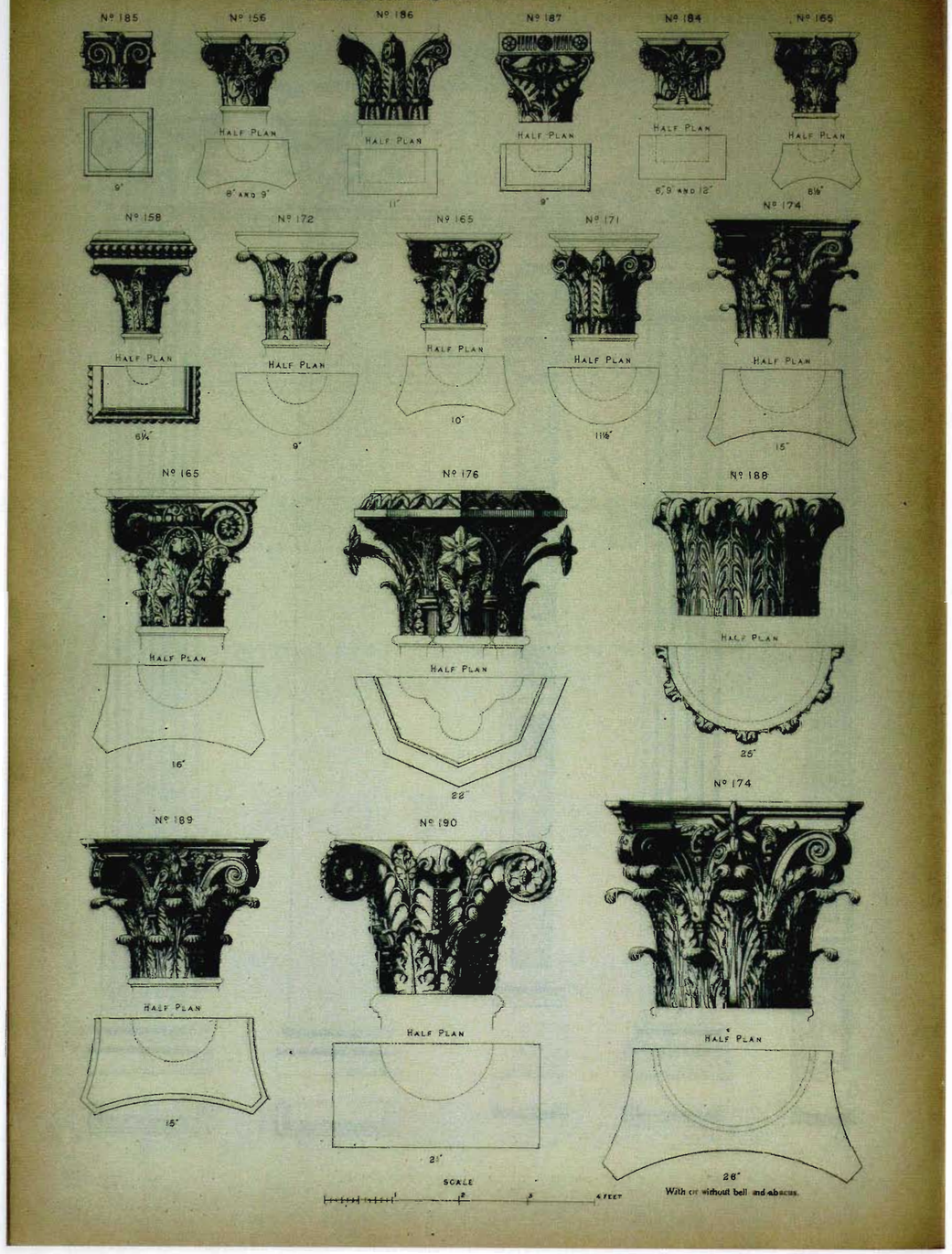

589
MACFARLANE'S CASTINGS — COLUMNS
OVER 10 FEET HIGH
Nº 175
Nº 183
Nº 184
Nº 176
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
HALF PLAN
7"
8"
7"
22"


590
MACFARLANE'S CASTINGS — PILASTERS
ANY HEIGHT
No 8
No 7
No 6
No 5
No 4
No 3
No 2
No 1
SCALE
4 FEET


591
MACFARLANE'S CASTINGS — PILASTERS
ANY HEIGHT
No 9
No 10
No 11
No 12
No 13
9'
14'
11'
16'
16'
SCALE
2 3 4 FEET

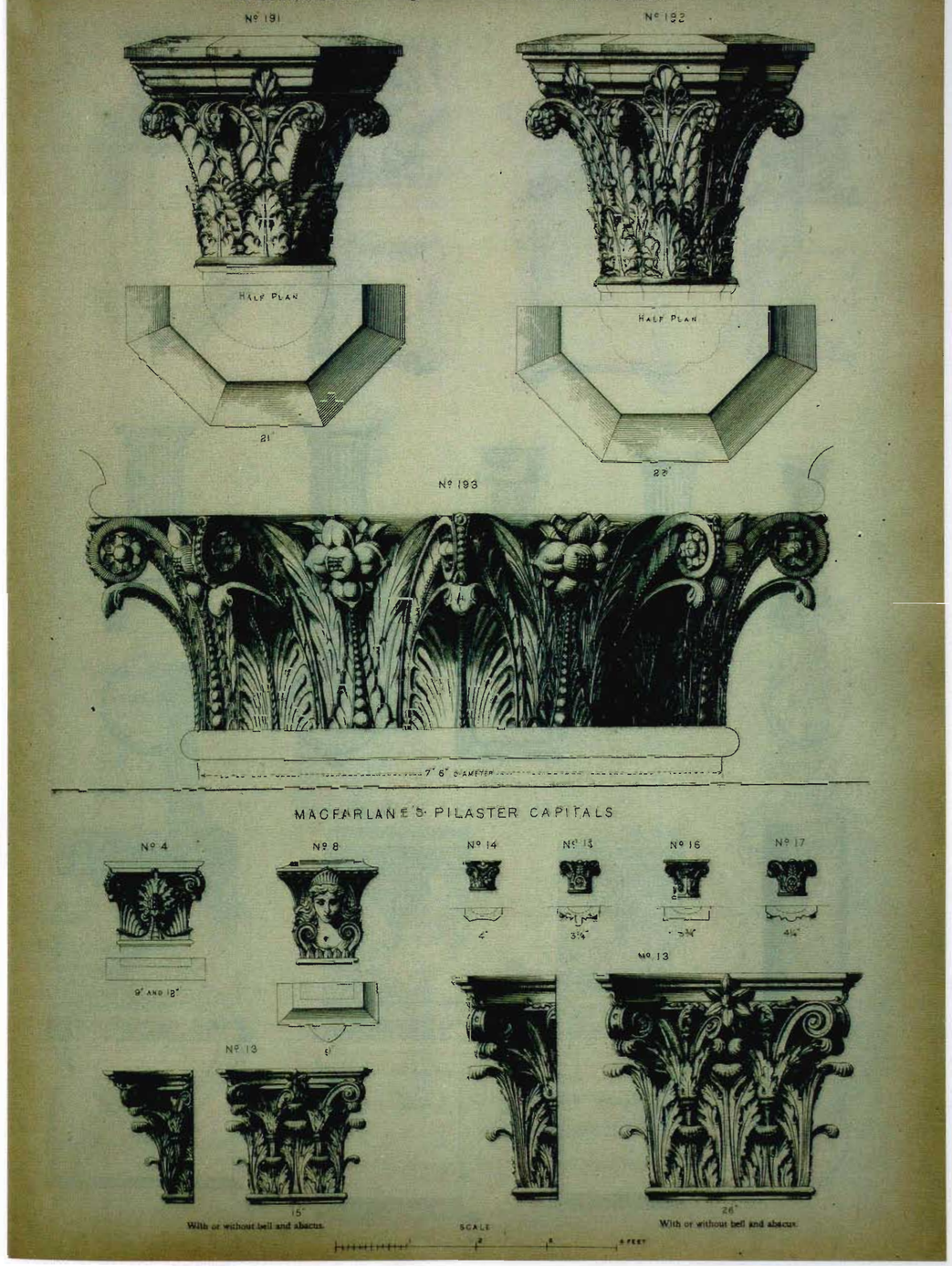
MACFARLANE'S CASTINGS — COLUMN CAPITALS

The size is in each case taken through the neck of the column shaft which Capital suits.

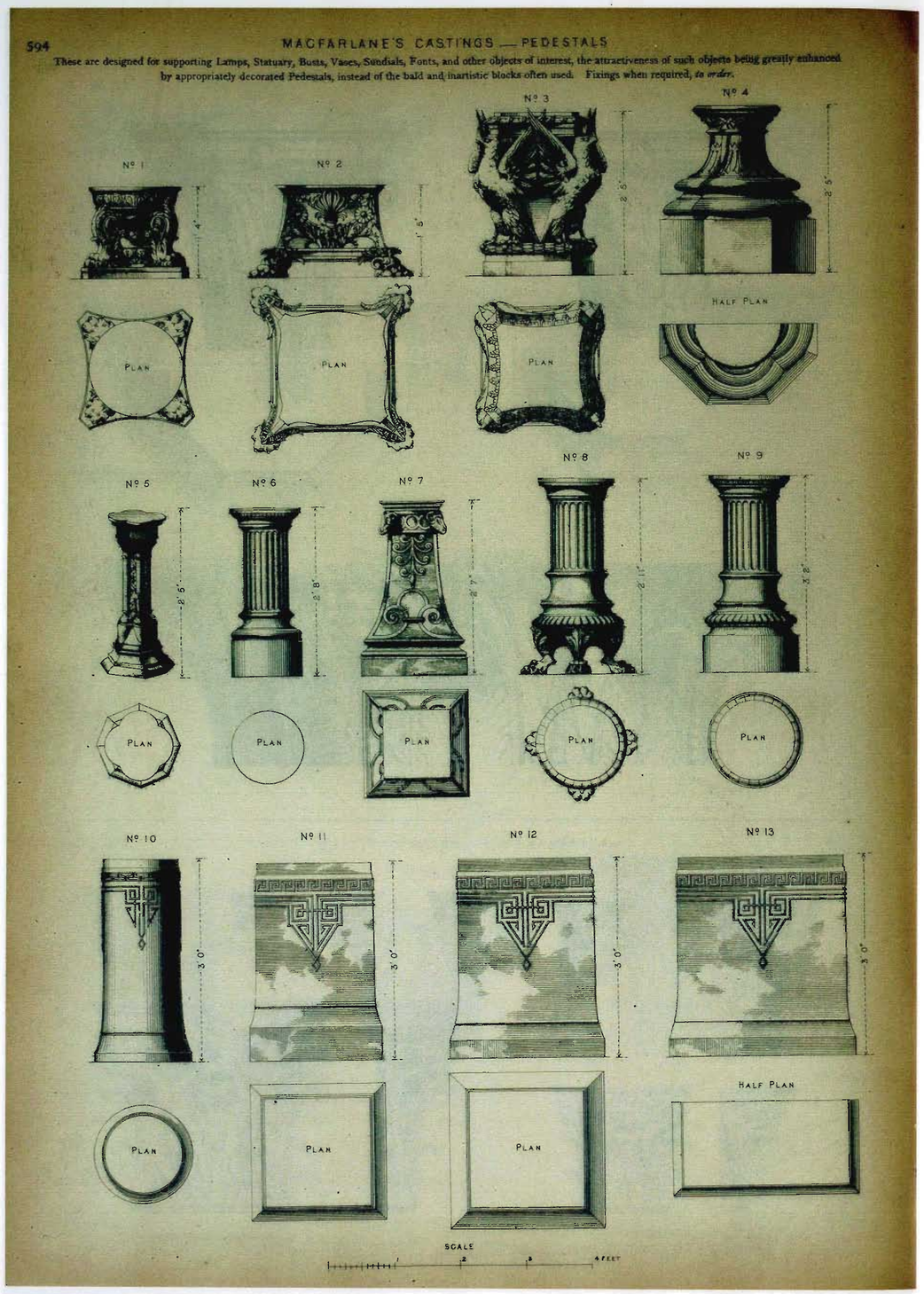


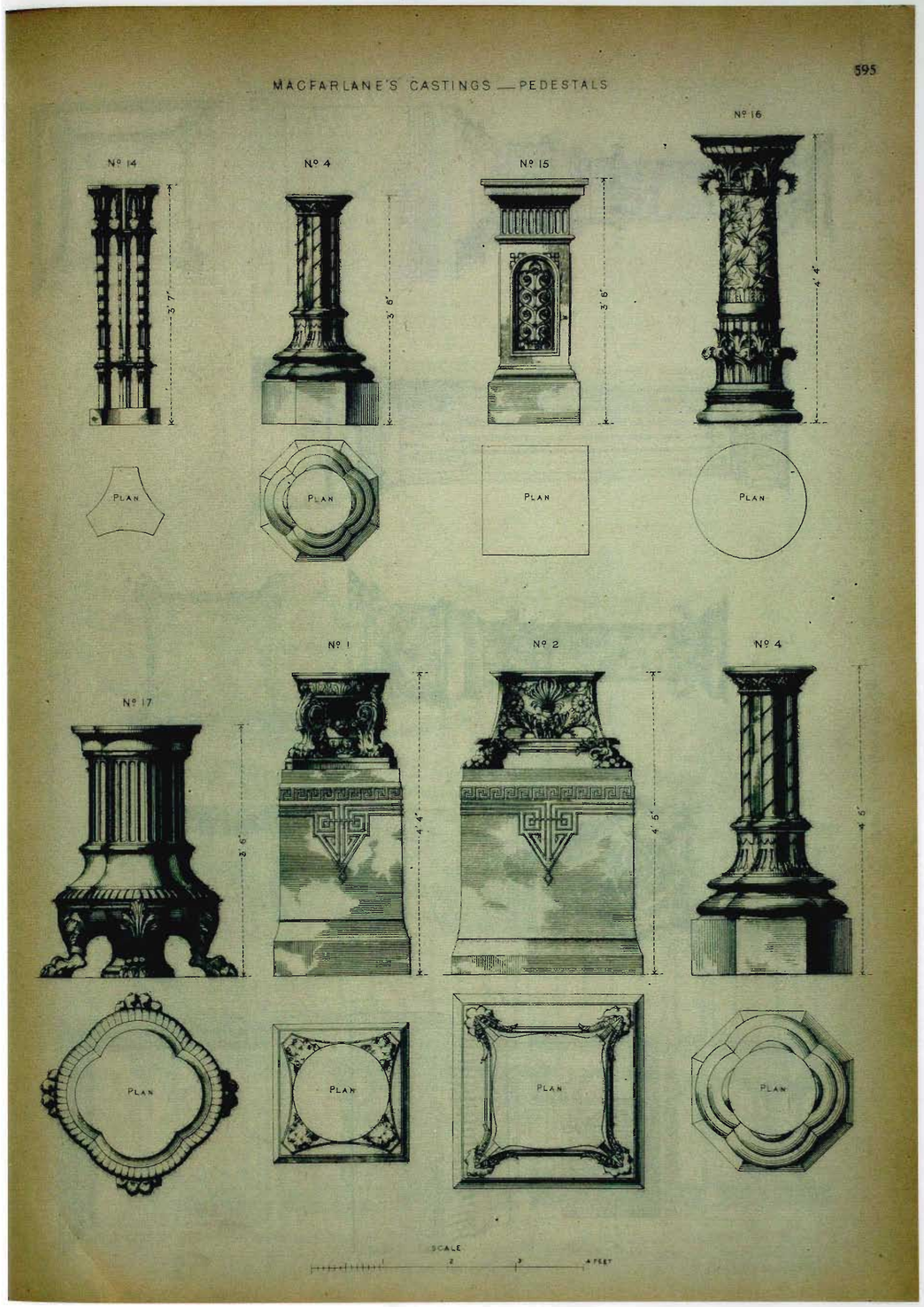
MACFARLANE'S CASTINGS — COLUMN CAPITALS

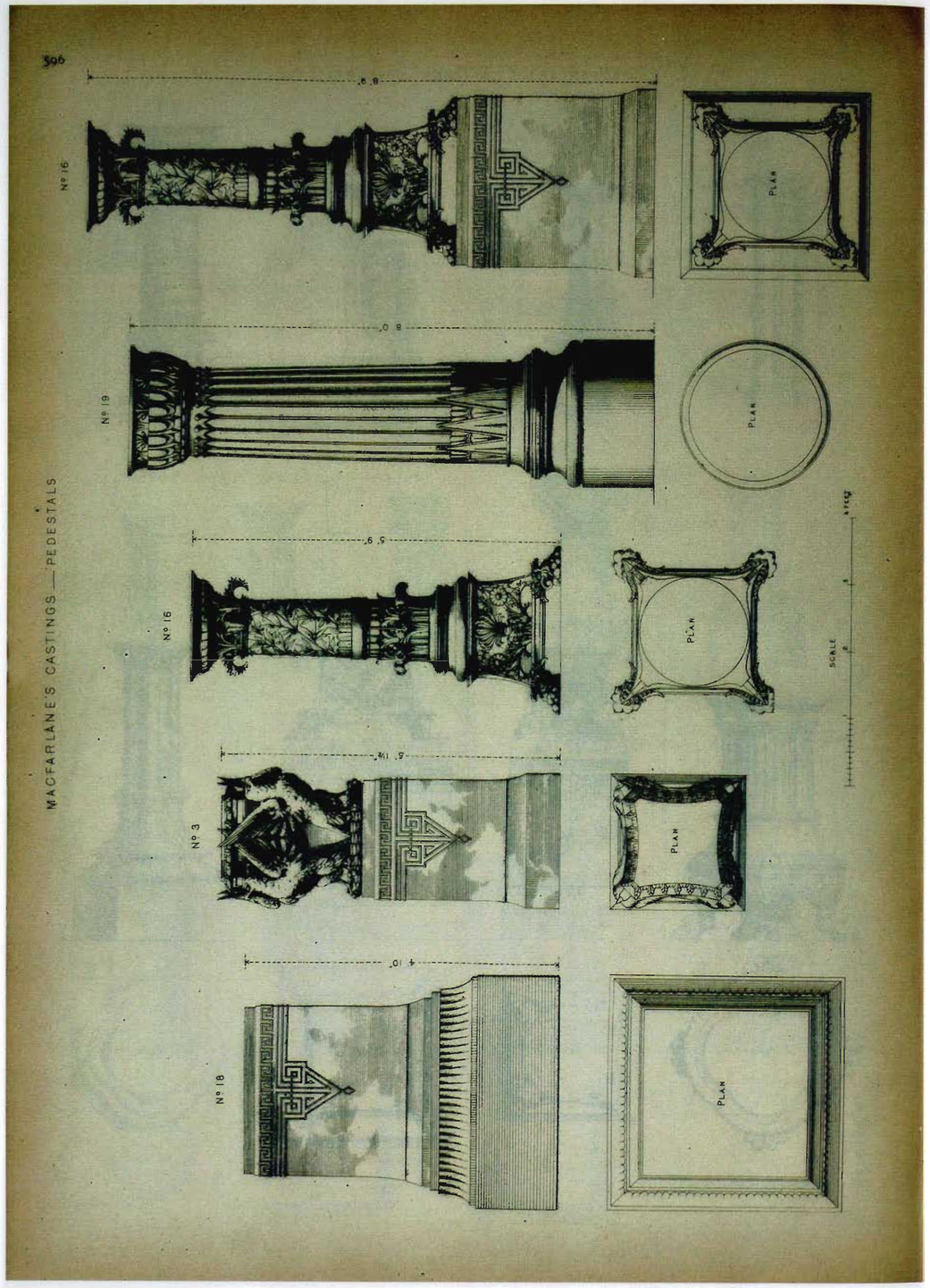
The size is in each case taken through the neck of the column shaft which Capital suits.



MACFARLANE'S PILASTER CAPITALS


594
MACFARLANE'S CASTINGS — PEDESTALS
These are designed for supporting Lamps, Statuary, Busts, Vases, Sundials, Fonts, and other objects of interest, the attractiveness of such objects being greatly enhanced by appropriately decorated Pedestals, instead of the bald and inartistic blocks often used. Fixings when required, to order.
Nº 1
Nº 2
Nº 3
Nº 4
PLAN
HALF PLAN
Nº 5
Nº 6
Nº 7
Nº 8
Nº 9
Nº 10
Nº 11
Nº 12
Nº 13
SCALE
4 FEET


595
MACFARLANE'S CASTINGS — PEDESTALS
Nº 14
Nº 4
Nº 15
Nº 16
PLAN
Nº 1
Nº 2
Nº 4
Nº 17
SCALE
4 FEET



By the use of Iron in the construction of buildings, a greater window space can be obtained than with stone, brick, timber, or other material, thus allowing a larger built area to be lighted throughout, without the necessity of breaking it up with courts or wellholes to admit light to the centre of the block. An iron construction also absorbs little of the floor space, and enables large apartments to be formed with light partitions readjustable to suit altered circumstances. The following Examples illustrate the application of our castings to these purposes, but other combinations will readily suggest themselves according to the requirements of the proposed structure.

No. XLIX.

Application of Ironwork to Building Construction and Decoration.

See view of Interior on next page.

A No. 186 TERMINAL 8'6".
B No. 84 ANTEFIXAE.
C No. 20 CRESTING 1'7".
D No. 144 TERMINAL 2'6".
E No. 9 TERMINAL 1'11".
F No. 101 GUTTER CORNICE.
G No. 145 CRESTING 1'7".
H No. 10 GUTTER 3"×6".
I No. 6 GUTTER BRACKET.
J No. 131 COLUMN.
K No. 2 DADO PLATE.
L No. 129 COLUMN.
M No. 206 FASCIA PLATE 2'2".
N No. 837 FASCIA PLATE.
O No. 45 BRACKET.
P No. 115 COLUMN.
Q No. 413 WINDOW GUARD.
R No. 784 GATE.

Spandril Arches, Girders, Roof Principals, Astragals, &c., *to order*.

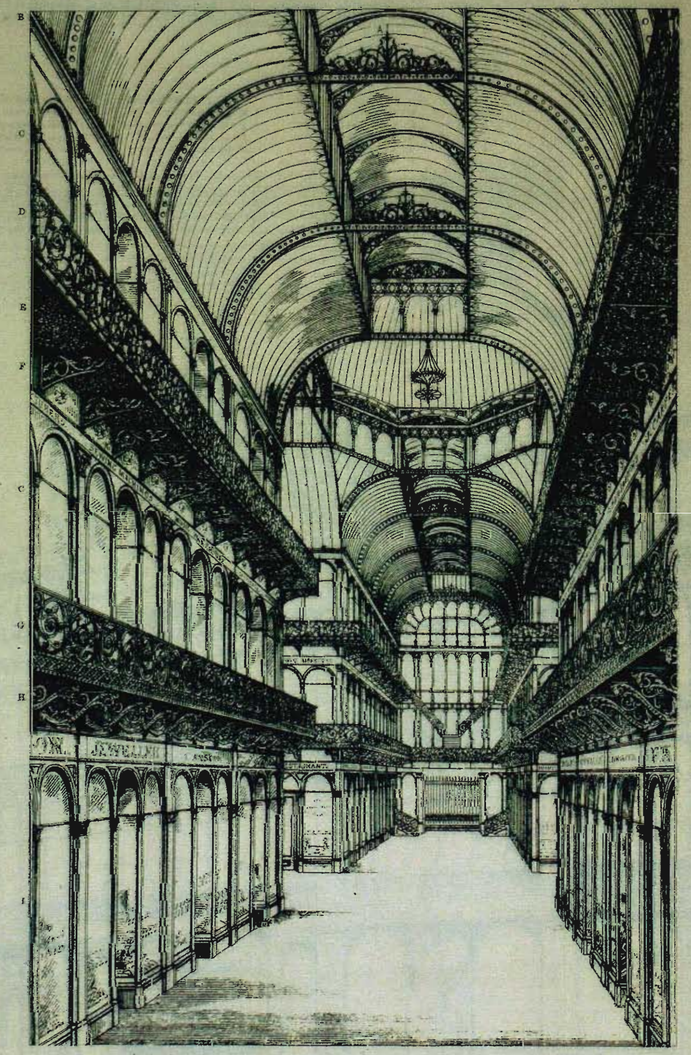


MACFARLANE'S CASTINGS — EXAMPLES

No. L.

Application of Ironwork to Building Construction and Decoration.

See view of Exterior on preceding page.



A No. 144 TERMINAL 2'6".
B No. 89 GUTTER CORNICE 6¾" x 6".
C No. 131 COLUMN.
D No. 25 RAILING 2'10".
E No. 818 FRIEZE PLATE.
F No. 85 BRACKET 2'1" x 1'0".
G No. 135 RAILING 2'5".
H No. 47 BRACKET 2'2" x 1'0".
I No. 104 COLUMN.

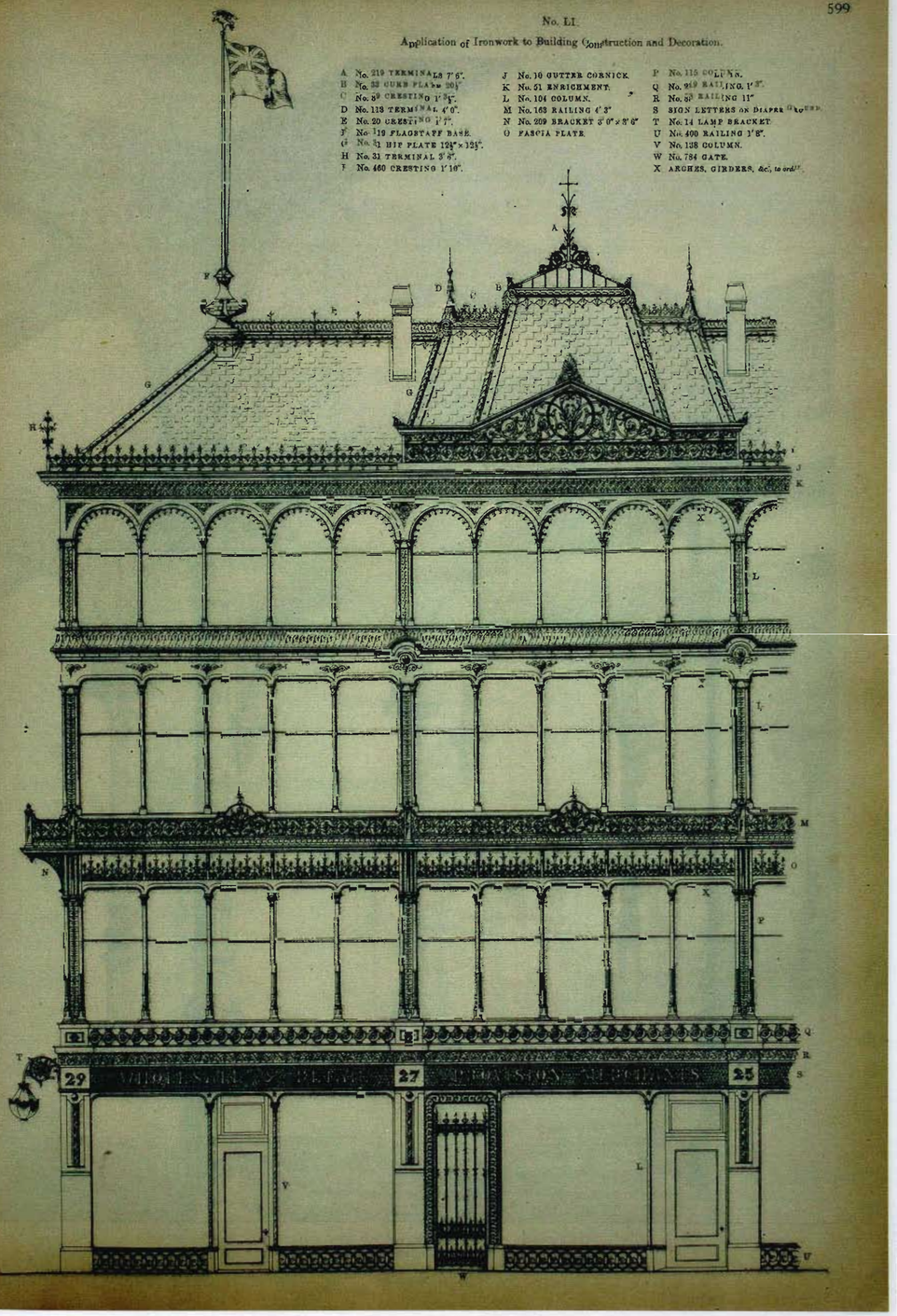
Spandrill Arches, Girders, Roof Principals, Astragals &c. *to order.*

MACFARLANE'S CASTINGS — EXAMPLES

No. LI.

Application of Ironwork to Building Construction and Decoration.

A No. 219 TERMINALS 7'6".
B No. 33 CURB PLATE 20½".
C No. 58 CRESTING 1'3½".
D No. 113 TERMINAL 4'0".
E No. 20 CRESTING 1'7".
F No. 119 FLAGSTAFF BASE.
G No. 21 HIP PLATE 12½" x 12½".
H No. 31 TERMINAL 3'6".
I No. 460 CRESTING 1'10".
J No. 10 GUTTER CORNICE.
K No. 51 ENRICHMENT.
L No. 104 COLUMN.
M No. 163 RAILING 4'3"
N No. 209 BRACKET 3'0" x 3'0"
O FASCIA PLATE.
P No. 115 COLUMN.
Q No. 219 RAILING 1'3".
R No. 58 RAILING 11"
S SIGN LETTERS ON DIAPER GROUND.
T No. 14 LAMP BRACKET.
U No. 400 RAILING 1'8".
V No. 128 COLUMN.
W No. 784 GATE.
X ARCHES, GIRDERS, &c. *to order.*



MACFARLANE'S CASTINGS — EXAMPLES

Application of Ironwork to Public Interiors, Halls, Museums, Libraries, Saloons, Banks, &c.

No. LII.

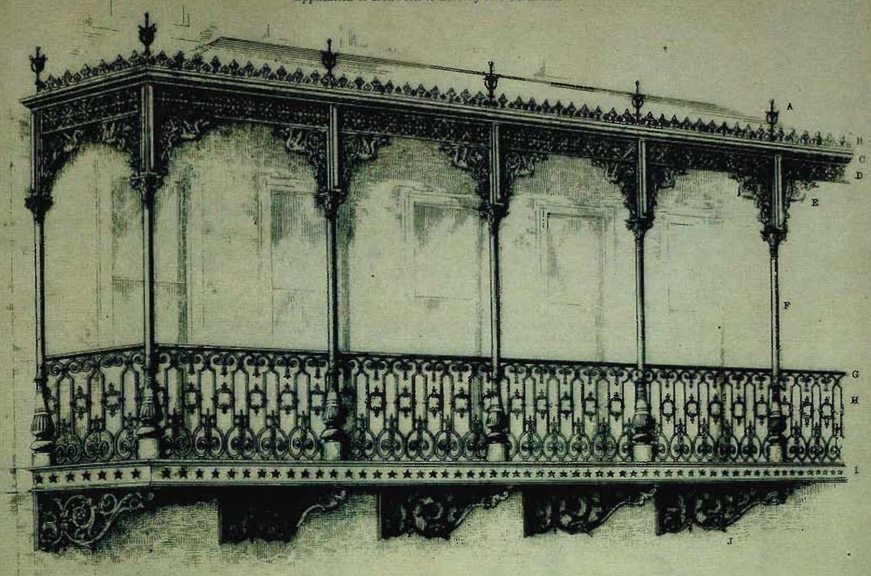


A No. 153 COLUMN.
B CORBEL TO MATCH COLUMN.
C No. 51 SPANDRIL ARCH.
D No. 133 FRIEZE 10"

MACFARLANE'S CASTINGS — EXAMPLES

No. LIII.

Application of Ironwork to Balcony and Verandah.



A No. 161 TERMINAL 1'6".
B No. 69 CRESTING 7".
C No. 43 GUTTER 6"×4½".
D No. 106 FRIEZE RAIL 7½".
E No. 88 BRACKET 1'6"×1'8".
F No. 131 COLUMN WITH BRACKET SHAFT.
G No. 5 HANDRAIL 2½"×1¼".
H No. 600 BALUSTER RAILING 2'10".
I No. 3 PERFORATED GIRDER.
J No. 47 BRACKET 3'11"×1'8½".
ORNAMENTAL FLOOR PLATE, SOLID OR PERFORATED, *to order.*

No. LIV.

Application of Ironwork to Shop Front.



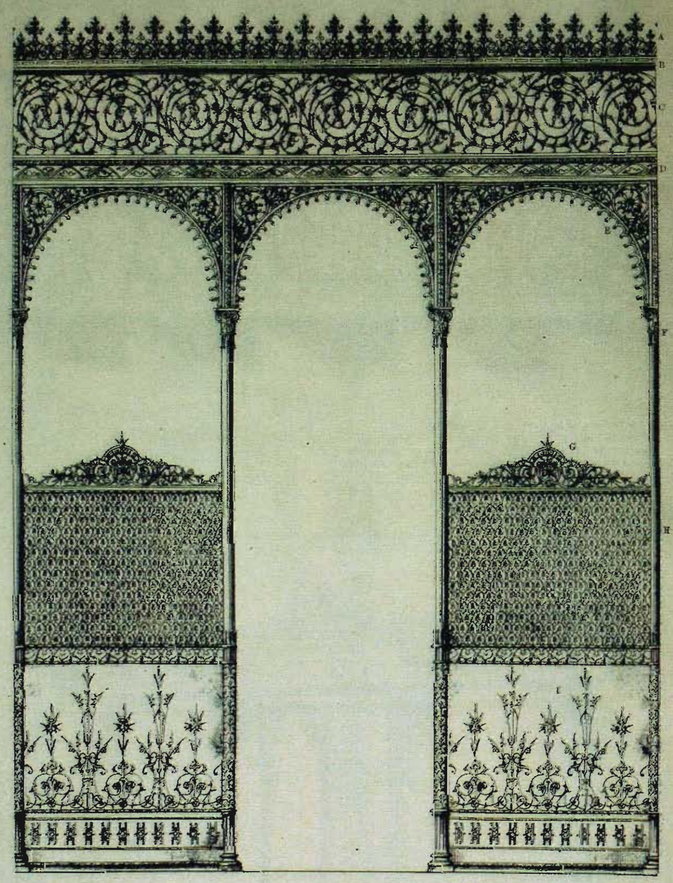
A No. 144 TERMINAL 2'4"
B No. 86 CRESTING 5".
C No. 158 TERMINAL 1'5".
D No. 86 CONSOLES 5"×2'6".
E CAST IRON SIGN LETTERS.
F No. 257 VENTILATING FRIEZE 5".
G No. 53 BRACKET 2'6"×2'4".
H No. 131 COLUMN WITH BRACKET SHAFT.
I No. 273 WINDOW GUARD 1'5".

602

MACFARLANE'S CASTINGS — EXAMPLES

No. LV.

Application of Ironwork to Interior Screen. Arches can be made of any width and prepared for glazing if required.



A No. 808 CRESTING 8½".
B CORNICE RAIL.
C No. 269 FRIEZE RAIL 1'1½".
D No. 7 GIRDER 5½".
E No. 85 SPANDRIL ARCH.
F No. 105 COLUMN WITH SPANDRIL SHAFT.
G No. 187 TERMINAL 8½" × 2' 10".
H No. 837 TRELLIS PANEL
I No. 2 DADO PLATE.

SCALE

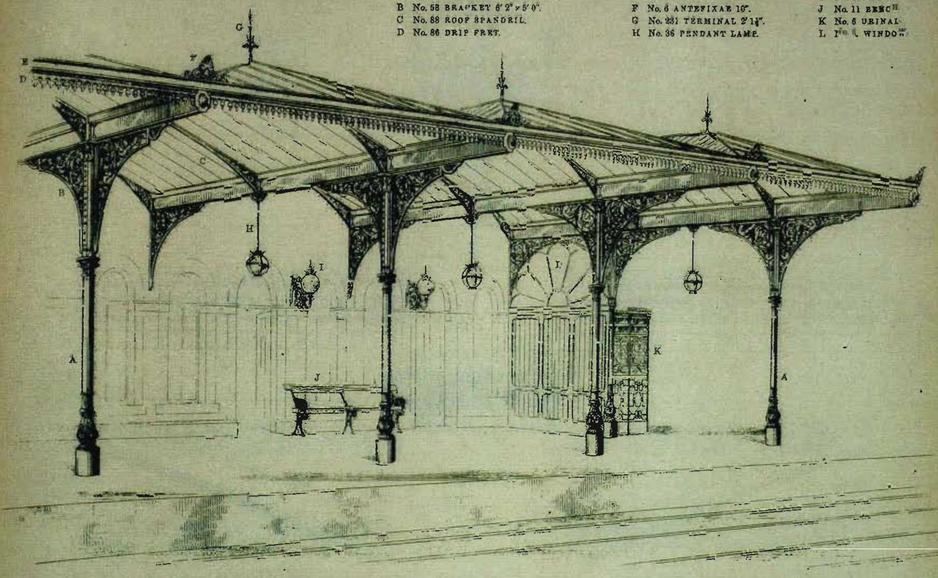
MACFARLANE'S CASTINGS — EXAMPLES

603

No. LVI.

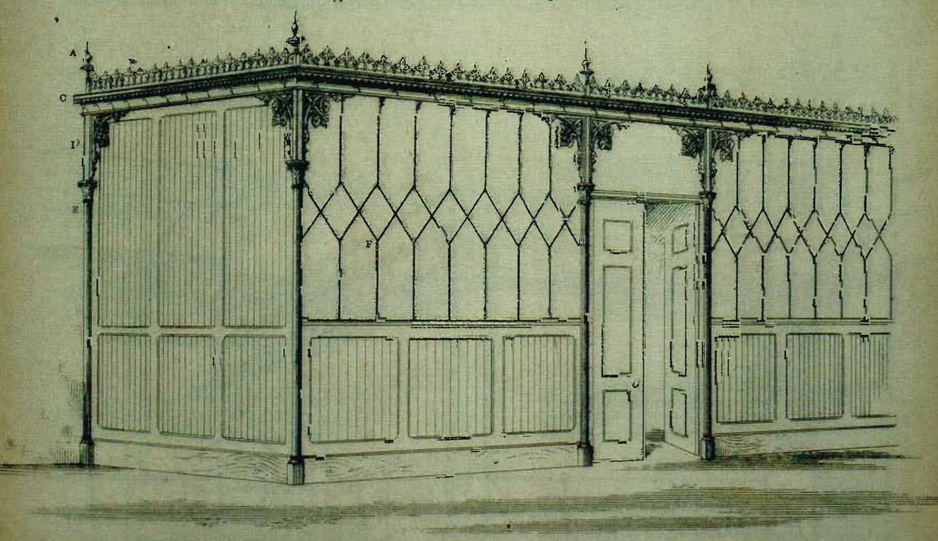
Application of Ironwork to Railway Platform Roofing, &c.

A No. 123 COLUMN WITH BRACKET SHAFT.
B No. 53 BRACKET 6'2" × 5'0".
C No. 88 ROOF SPANDRIL.
D No. 86 DRIP FRET.
E No. 28 GUTTER.
F No. 6 ANTEFIXAE 10".
G No. 231 TERMINAL 2'14".
H No. 36 PENDANT LAMP.
I No. 13 LAMP BRACKET.
J No. 11 BENCH.
K No. 6 URINAL.
L No. 6 WINDOW.



No. LVII.

Application of Ironwork to Station Waiting Rooms, &c.

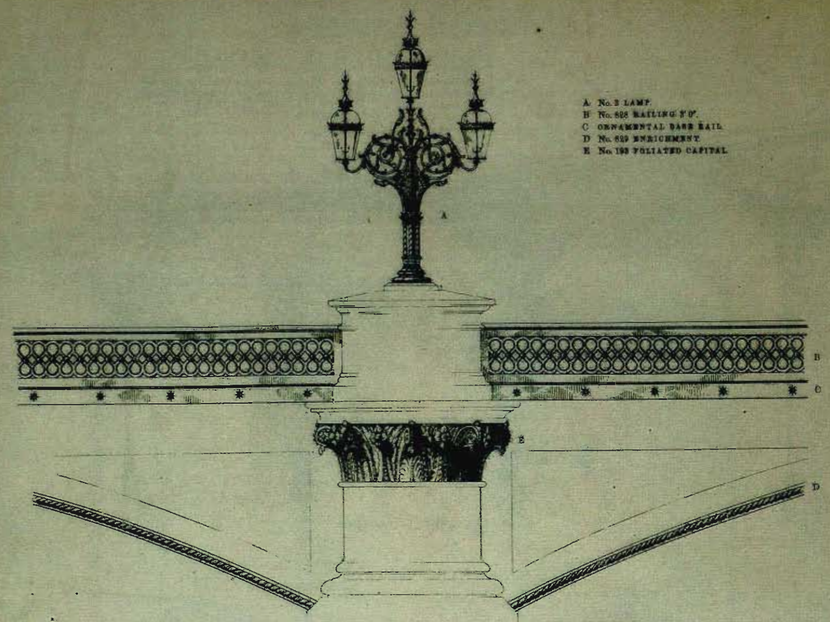


A No. 168 TERMINAL 1'9".
B No. 69 CRESTING 7".
C No. 101 FIGURED GUTTER 8" × 6".
D No. 31 BRACKET 1'8½" × 1'8½".
E No. 104 COLUMN WITH BRACKET SHAFT.
F CAST IRON ANTRAGALS.

MACFARLANE'S CASTINGS — EXAMPLES

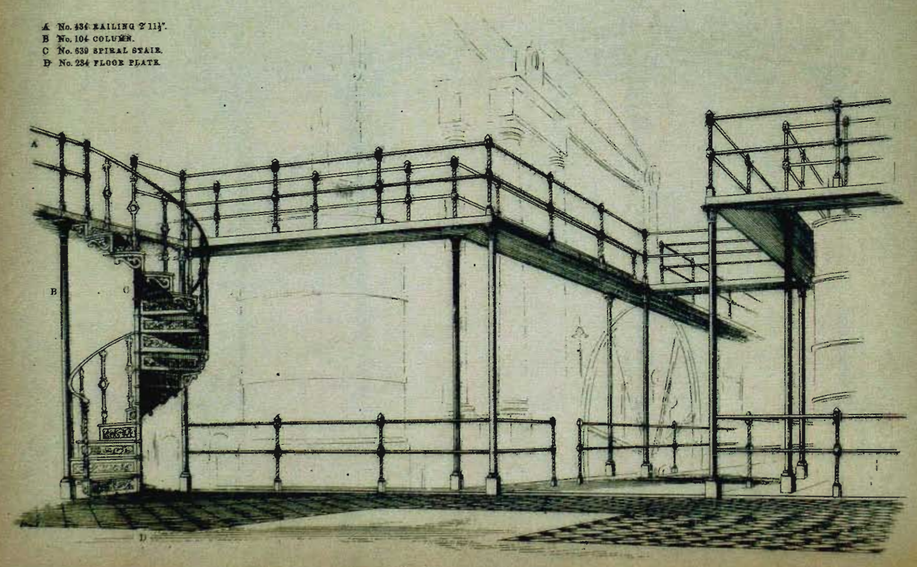
No. LVIII.

Application of Ironwork to Bridges, Engineering and Building Structures, &c.



No. LIX.

Application of Ironwork to Gangways, Flooring, Stairs, and Fencing for Machinery, &c.



SECTION XXI.—ENRICHMENTS AND SIGNS.

FOR STONE, BRICK, WOOD, AND IRON BUILDINGS, &c.

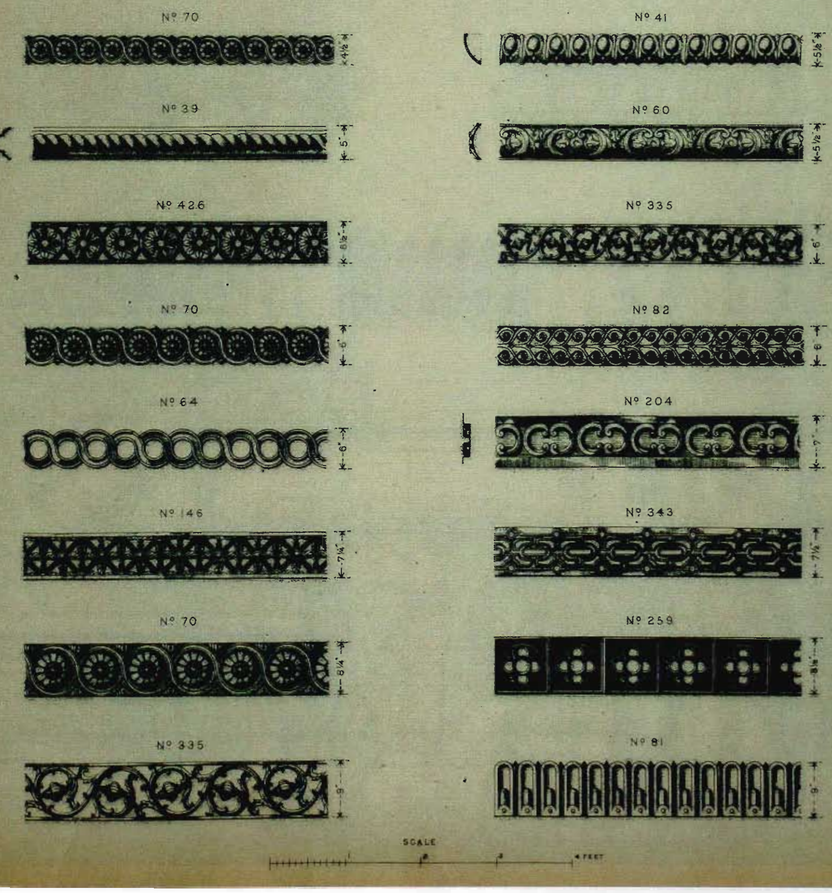
The attractive influence of beauty and individuality in every kind of premises, has become recognized as an indispensable aid to success, and has led to the extensive adoption of Ornamentation, Devices and Decorative Signs. How to obtain this impressive effect with economy, and also with facility for future alteration or extension, is a matter to which we have given great attention, as evinced by the following pages, in which will be found designs suitable for enriching all kinds of Architectural and Engineering structures, the durability of Cast Iron under exposure to weather giving it great advantages over other materials for such purposes. During the rapid development of trade, the plainness of a building often prevents it from realizing its proper value and commercial advantages, while the idea of pulling down and reconstructing is out of the question on account of the prolonged interruption to business and great cost involved. In these circumstances extensive and striking improvements can be made without serious inconvenience, and at comparatively little cost, by means of Cast Iron Enrichments. As an illustration of what can be effected in this way, see Examples No. LXVIII. and LXIX., pages 624 and 625. Besides the patterns shown in this Section, all our ornamental Castings, Terminals, Railings, Balconies, &c., are serviceable for such application. Special Devices of every kind, Monograms, Arms, &c., *to order*.

Please insert in specification **"To be Macfarlane's Castings, from Saracen Foundry, Glasgow,"** to prevent an inferior article being supplied.

Continuous Enrichments,	pages	605-609	Royal Arms,	pages	616
Panel and Terminal Enrichments,	„	610-611	Hinge Enrichments,	„	617
Pilaster Enrichments and Trusses,	„	612	Sign Letters and Numerals,	„	618
Coronal Enrichments,	„	613	Tablets,	„	619
Devices and Monograms,	„	614	Signs,	„	620
Crests, Arms, Insignia, &c.,	„	615	Examples,	„	620-626

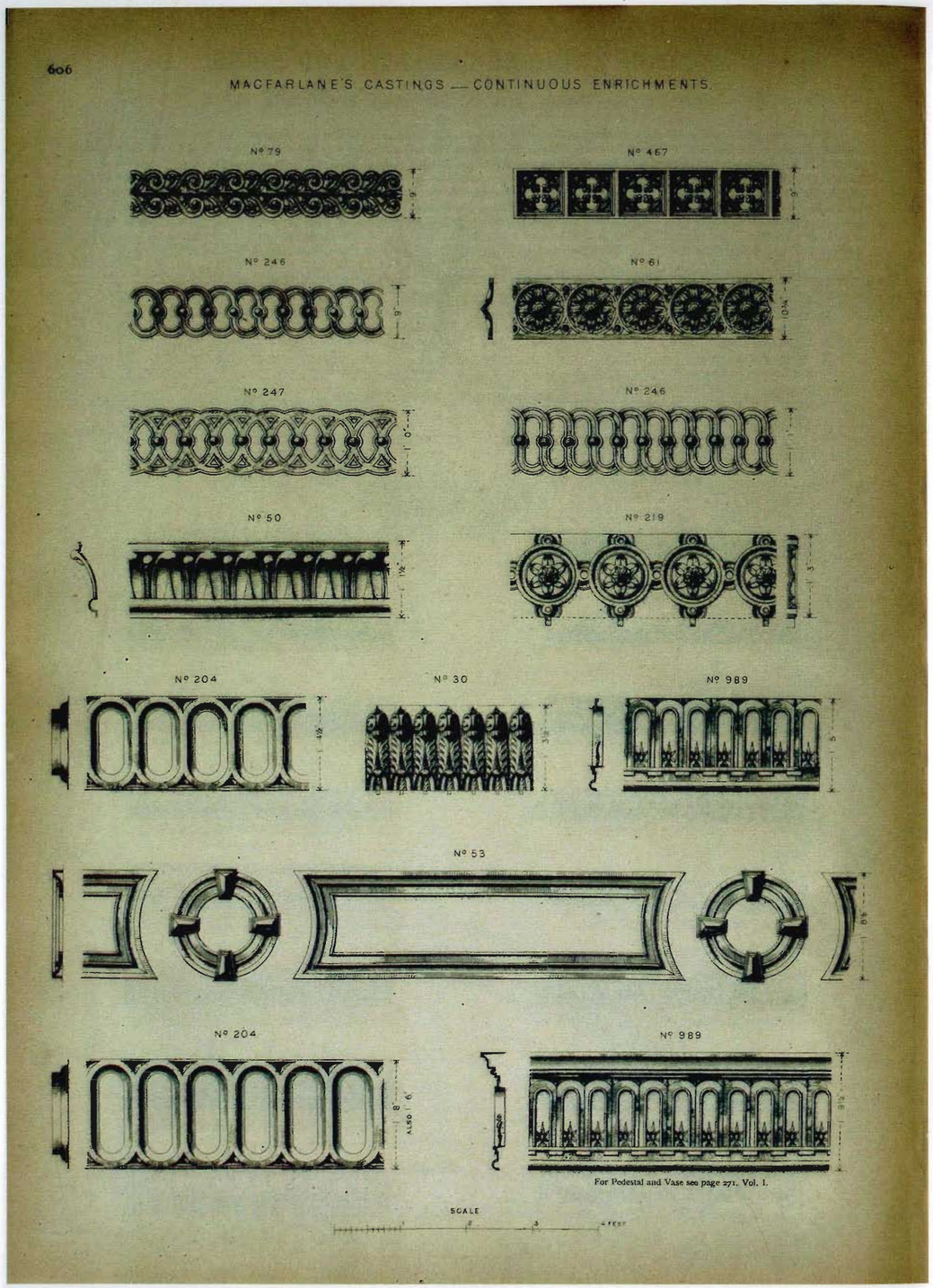
The illustrations are arranged in the order of their sizes.

MACFARLANE'S CASTINGS — CONTINUOUS ENRICHMENTS.



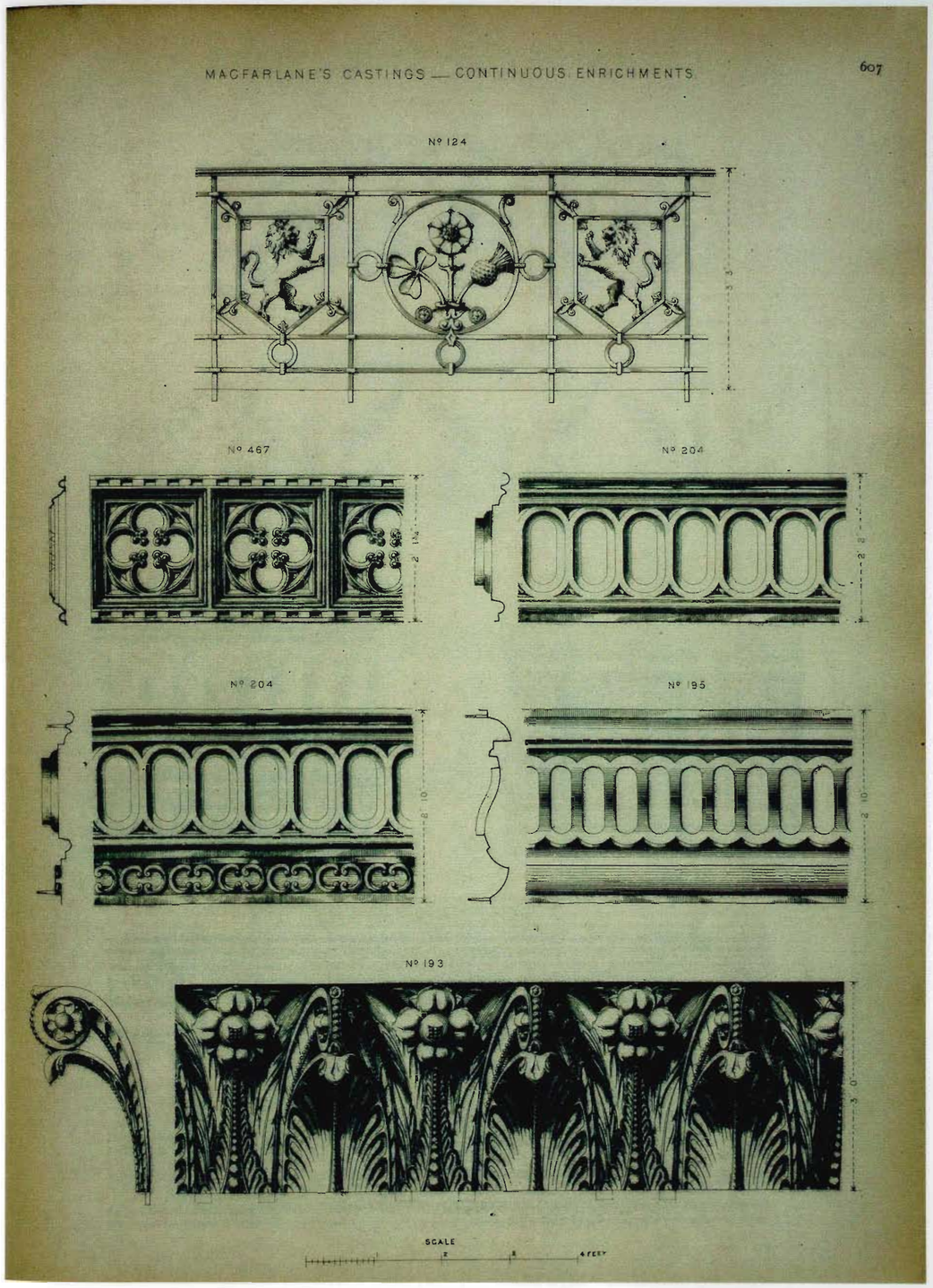
606

MACFARLANE'S CASTINGS — CONTINUOUS ENRICHMENTS.



MACFARLANE'S CASTINGS — CONTINUOUS ENRICHMENTS.

607

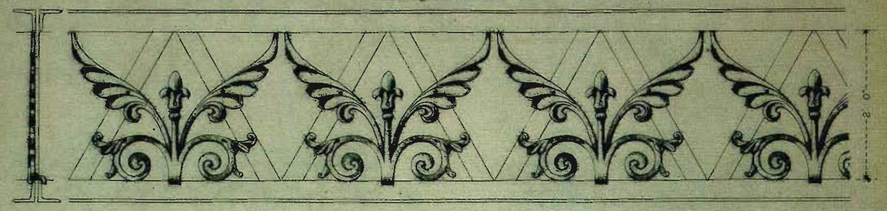


MACFARLANE'S CASTINGS — CONTINUOUS ENRICHMENTS.

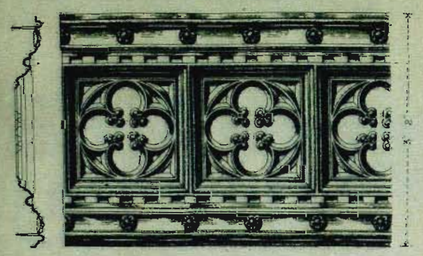
Nº 37



Nº 72
For Wrought Iron Girder.

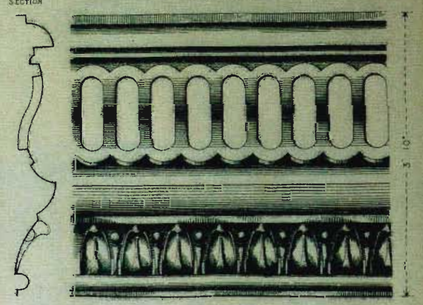


Nº 467

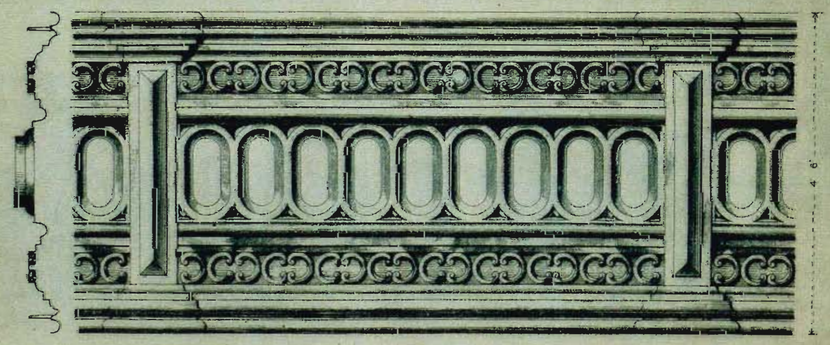


SECTION

Nº 195



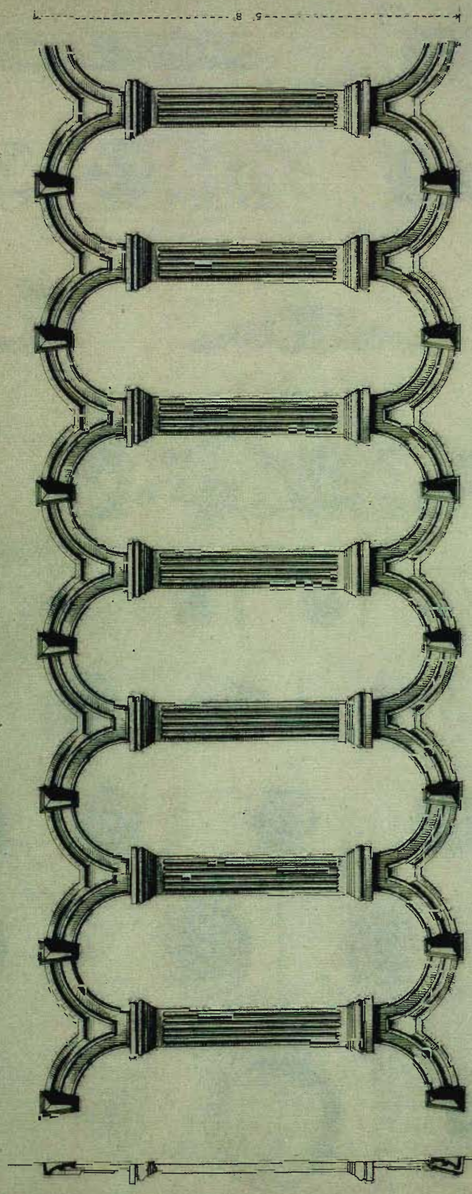
Nº 204



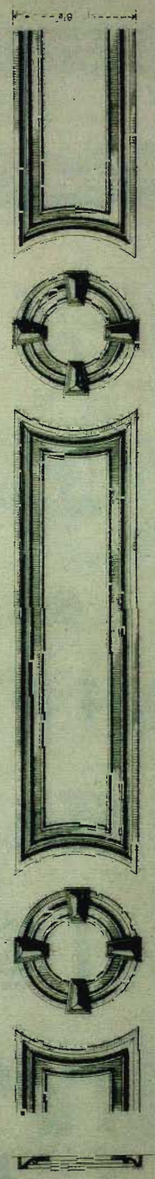
SCALE
2 4 FEET

MACFARLANE'S CASTINGS — CONTINUOUS ENRICHMENTS.

Nº 52



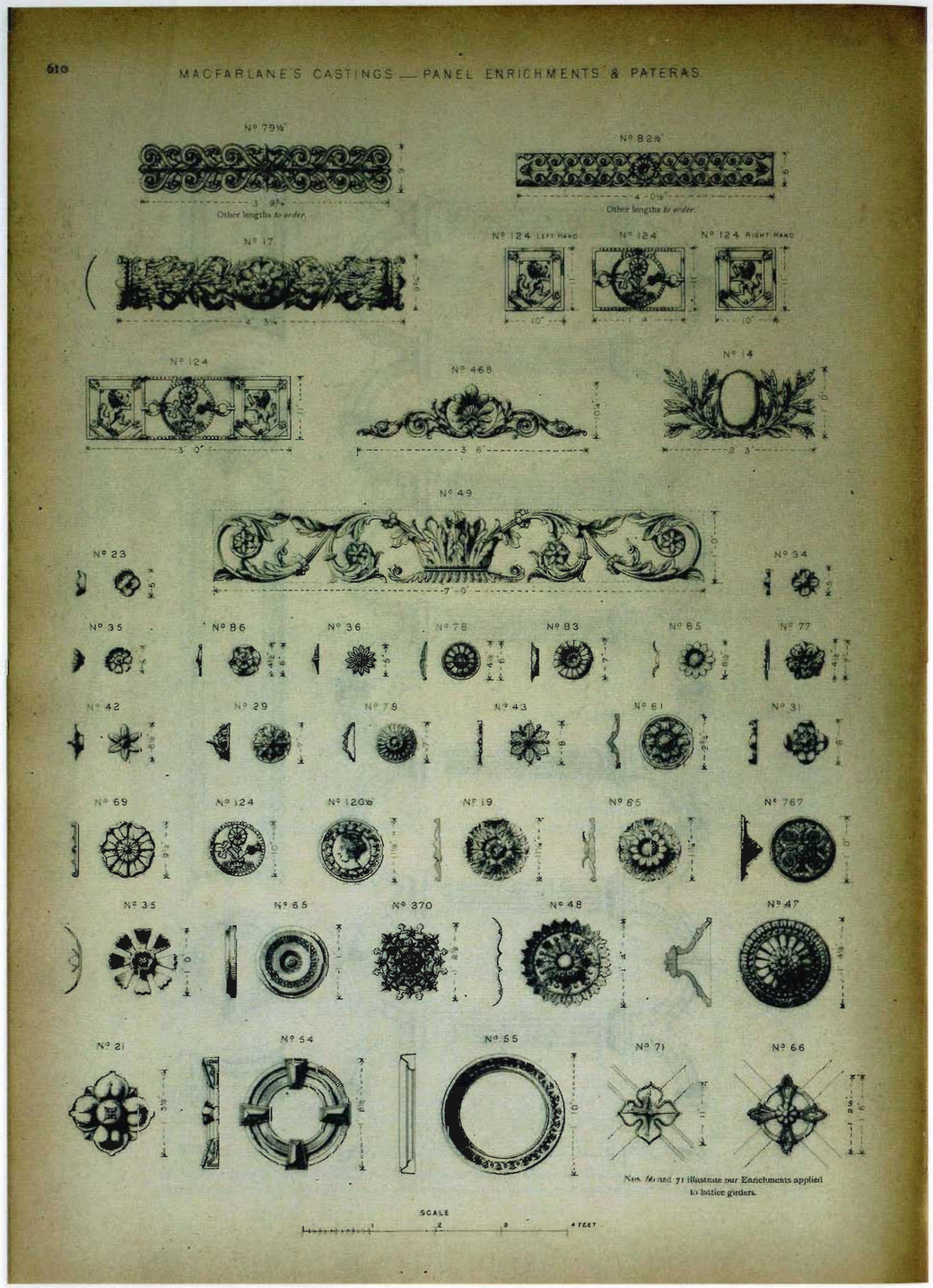
Nº 53



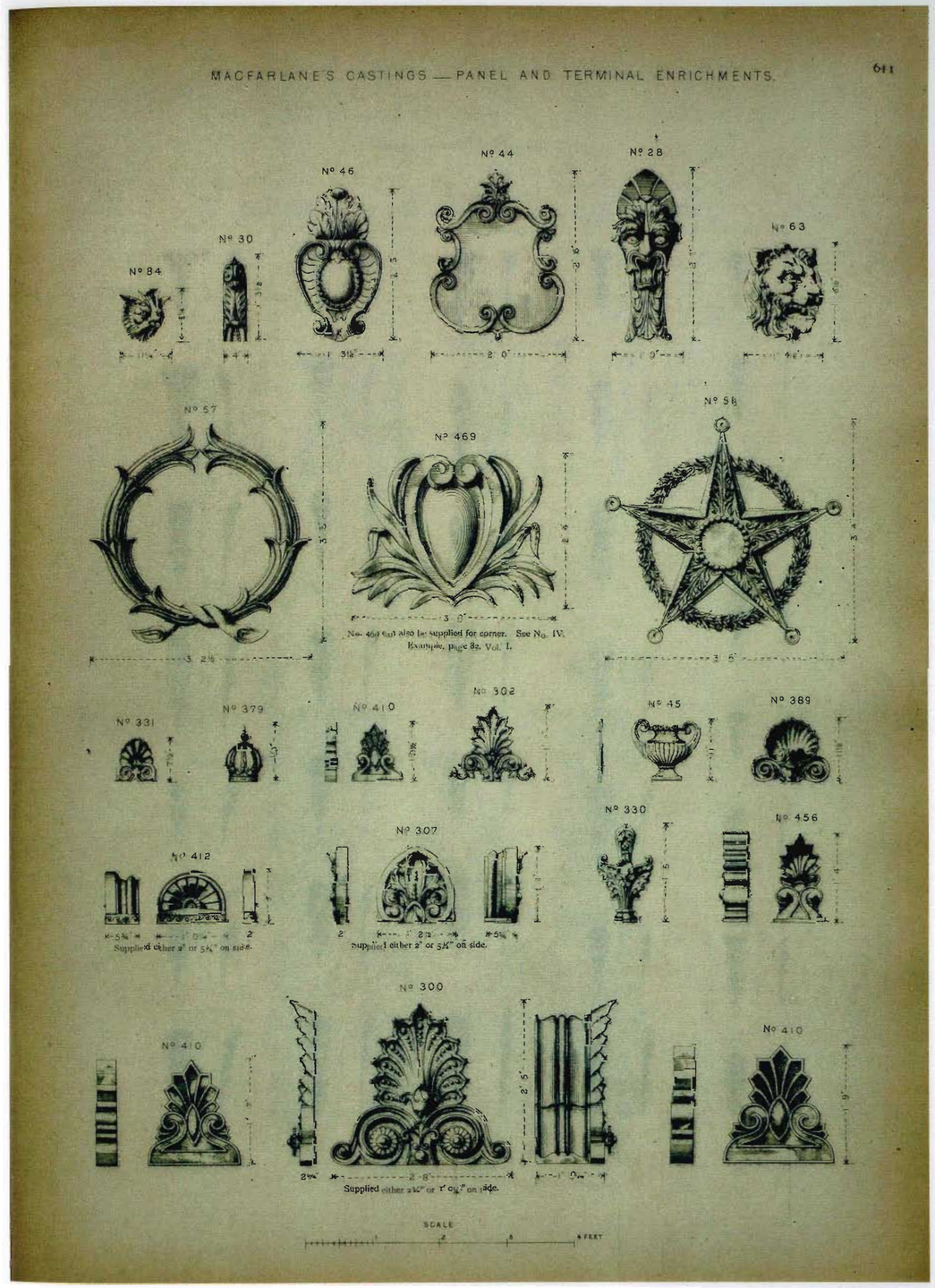
Not granted as can be used as after in the positions shown here, also with No. 53 at top if required.

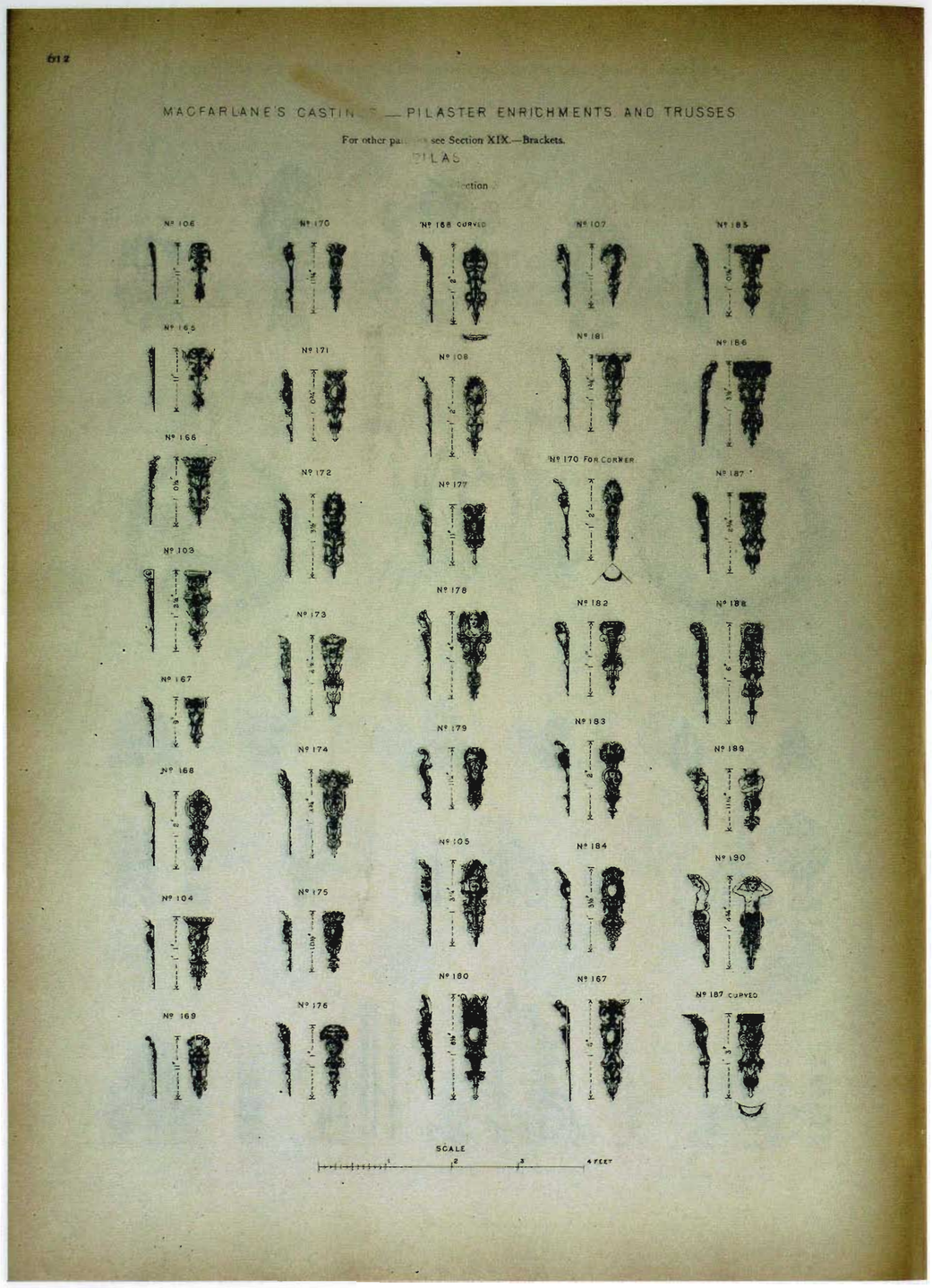
SCALE
2 4 FEET

MACFARLANE'S CASTINGS — PANEL ENRICHMENTS & PATERAS.



MACFARLANE'S CASTINGS — PANEL AND TERMINAL ENRICHMENTS.




MACFARLANE'S CASTIN[illegible] — PILASTER ENRICHMENTS AND TRUSSES
For other pa[illegible] see Section XIX.—Brackets.
PILAS
[illegible]ection
Nº 106
Nº 170
Nº 168 CURVED
Nº 107
Nº 185
Nº 165
Nº 171
Nº 108
Nº 181
Nº 186
Nº 166
Nº 170 FOR CORNER
Nº 172
Nº 177
Nº 187
Nº 103
Nº 178
Nº 173
Nº 182
Nº 188
Nº 167
Nº 179
Nº 183
Nº 174
Nº 189
Nº 168
Nº 105
Nº 184
Nº 190
Nº 104
Nº 175
Nº 180
Nº 167
Nº 187 CURVED
Nº 169
Nº 176
SCALE
1 2 3 4 FEET

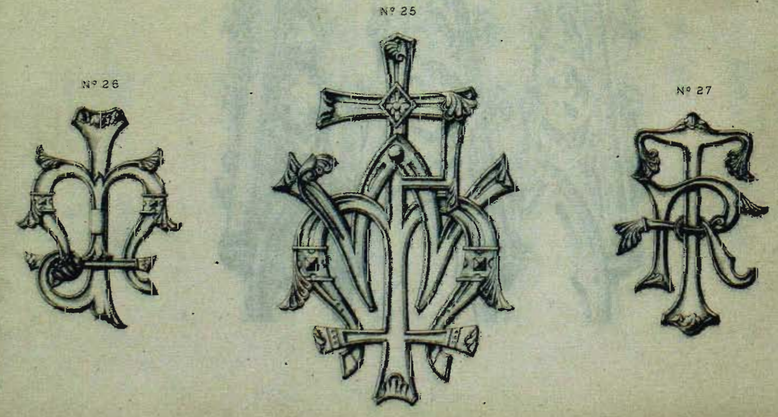

MACFARLANE'S CASTINGS — CORONAL ENRICHMENTS
Nº 352
Nº 352
Nº 352
Nº 467
Nº 467
Nº 467
Nº 467
Nº 246
8' 3"
SCALE
1 2 3 4 FEET

MACFARLANE'S CASTINGS — DEVICES

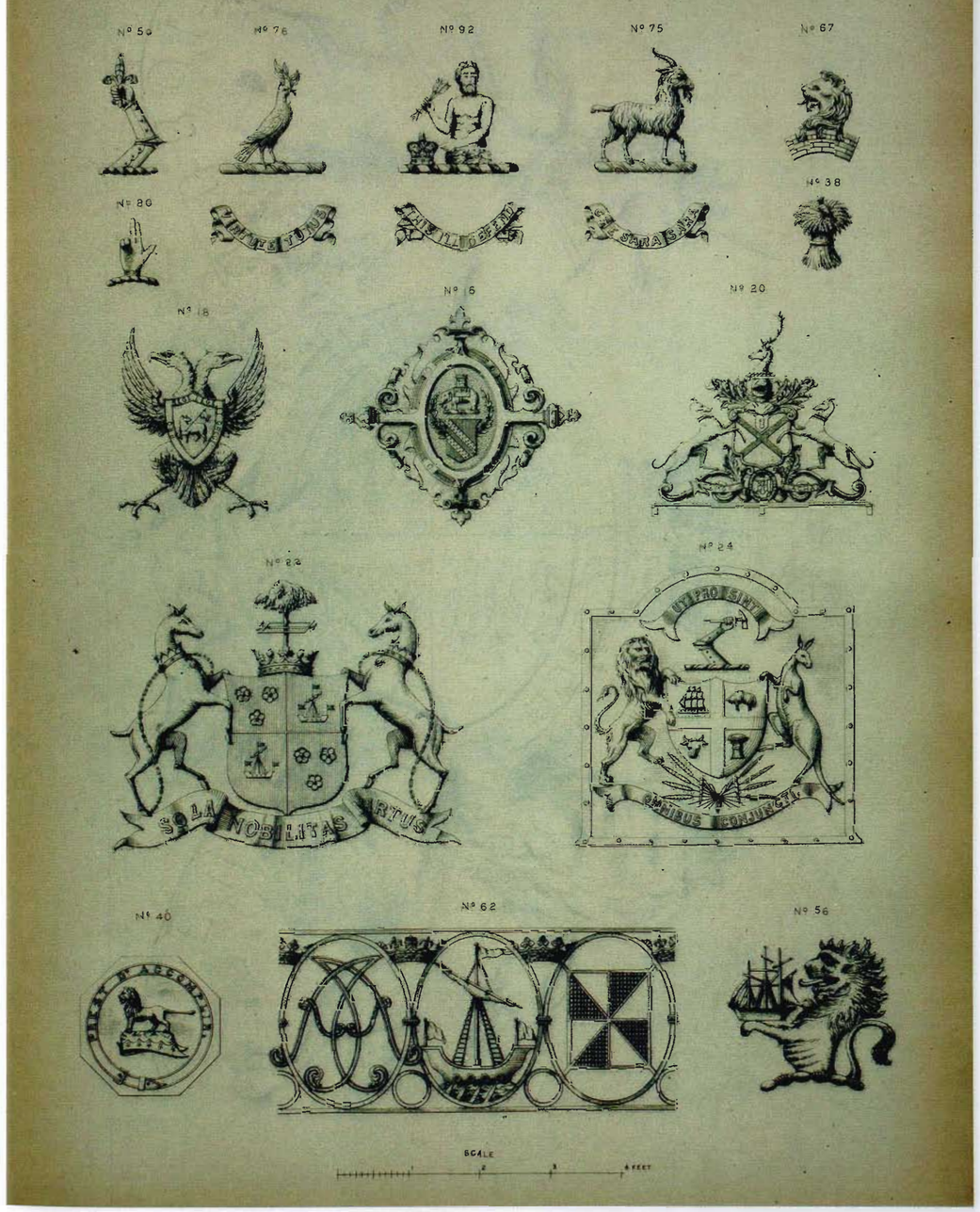


MACFARLANE'S CASTINGS — MONOGRAMS

Any size and any combination of letters *to order*.

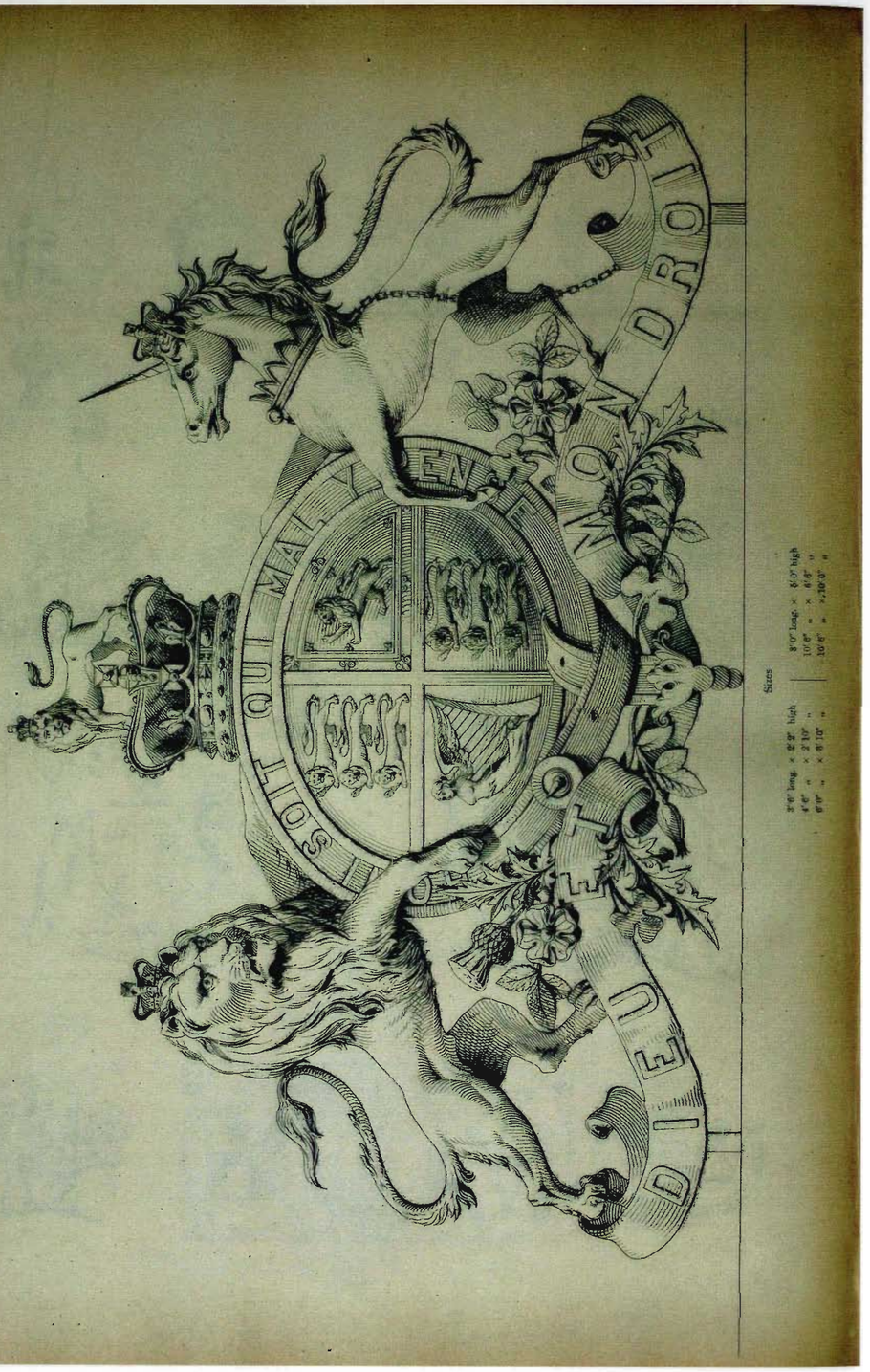


MACFARLANE'S CASTINGS — DEVICES CRESTS ARMS INSIGNIA &c



MACFARLANE'S CASTINGS — ROYAL ARMS

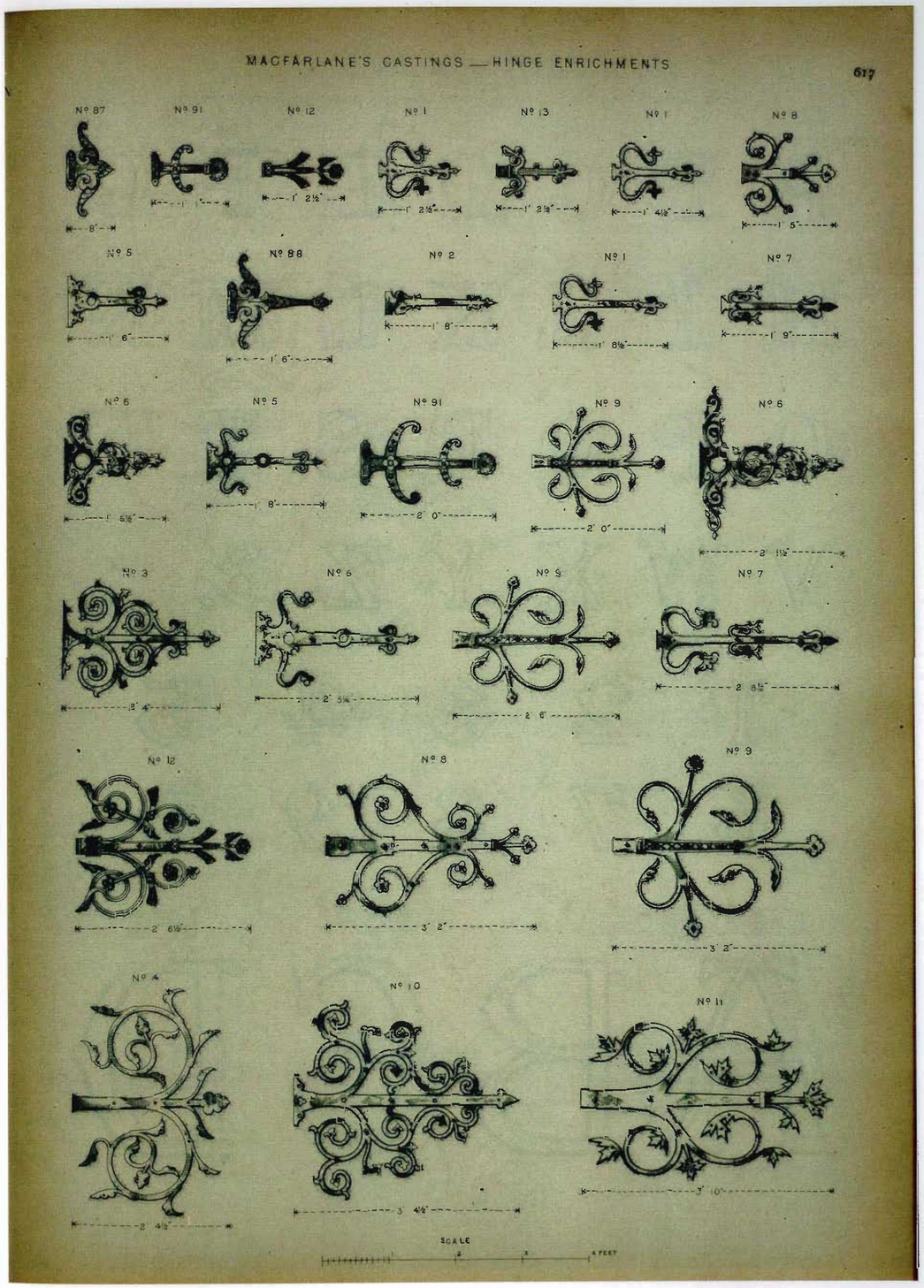
Nº 73



Sizes

3'0" long × 2'3" high	3'0" long × 2'0" high
4'6" " × 3'5" "	10'6" " × 6'6" "
6'9" " × 5'0" "	10'6" " × 7'10" "

MACFARLANE'S CASTINGS — HINGE ENRICHMENTS



MACFARLANE'S CASTINGS — SIGN LETTERS.

Our Letters and Numerals may be applied to wood, stone, or other material for Sign Boards, Door and Pew Numbers, &c.

No 1

A B C D E F G

H I J K L M N

O P Q R S T U

V W X Y Z & :

1 2 3 4 5

6 7 8 9 0

2" 2½" 3" 4" 6" 9" 12" 16" 20" AND 24"

Other sizes *to order*.

No 2

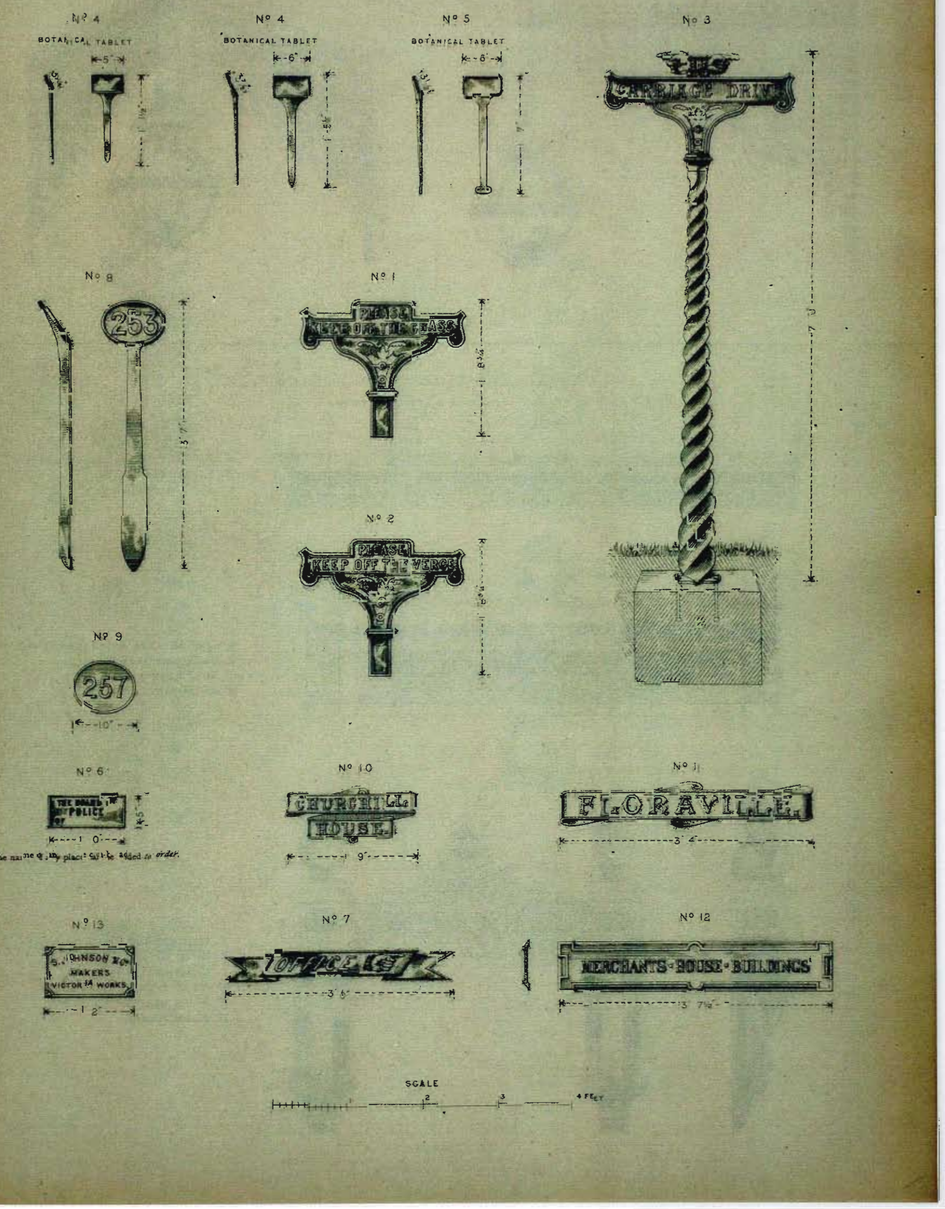
A B C D

Height.	Average Width.
3'0"	× 2'3".
4'0"	× 3'0".
5'0"	× 3'9".

Other sizes *to order*.

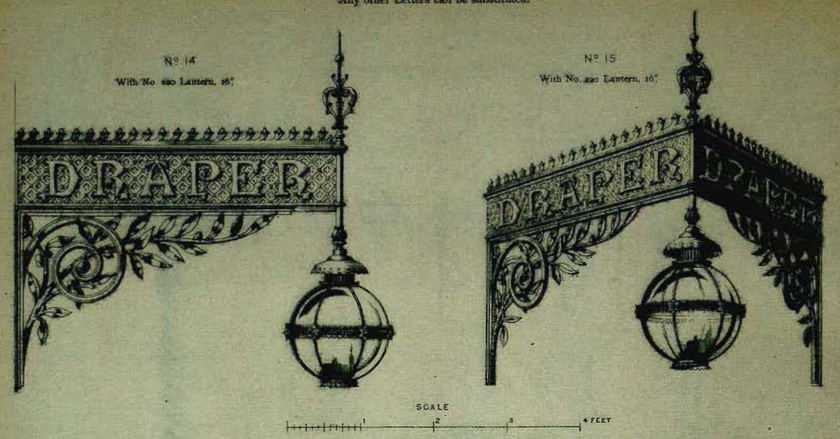
MACFARLANE'S CASTINGS — TABLETS.

Other forms of Plates and any inscription *to order*.



MACFARLANE'S CASTINGS — SIGNS.

Any other Letters can be substituted.



MACFARLANE'S CASTINGS — EXAMPLES.

Application of Castings to Signs.

No. LX



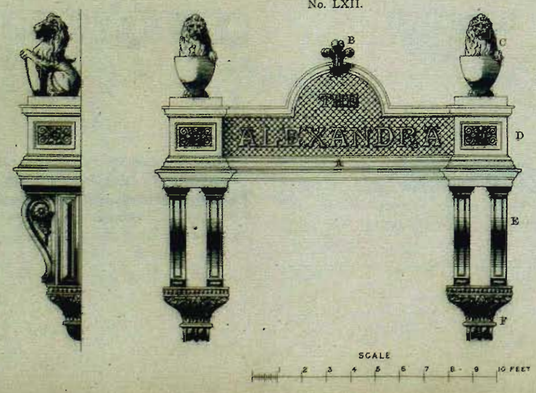
A SIGN LETTERS ON DIAPER GROUND.
B No. 168 CRESTING 5½".
C No. 976 RAILING 2'0".

No. LXI.



A SIGN LETTERS AND PATERAS ON DIAPER GROUND.
B No. 439 CRESTING 9".
C No. 53 TERMINAL 2'0".
D No. 106 PANEL 1'0"×2'0".

No. LXII.

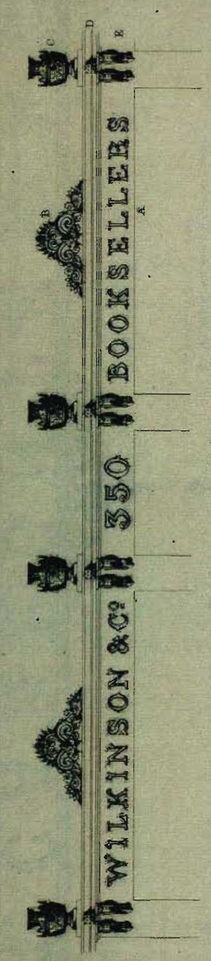


A SIGN LETTERS ON DIAPER GROUND.
B No. 411 DEVICE 1'7½".
C No. 423 DEVICE 3'5".
D No. 79½ PANEL ENRICHMENT.
E No. 102 BRACKET 1'5"×5'1".
F No. 148 CORBEL.

MACFARLANE'S CASTINGS — EXAMPLES

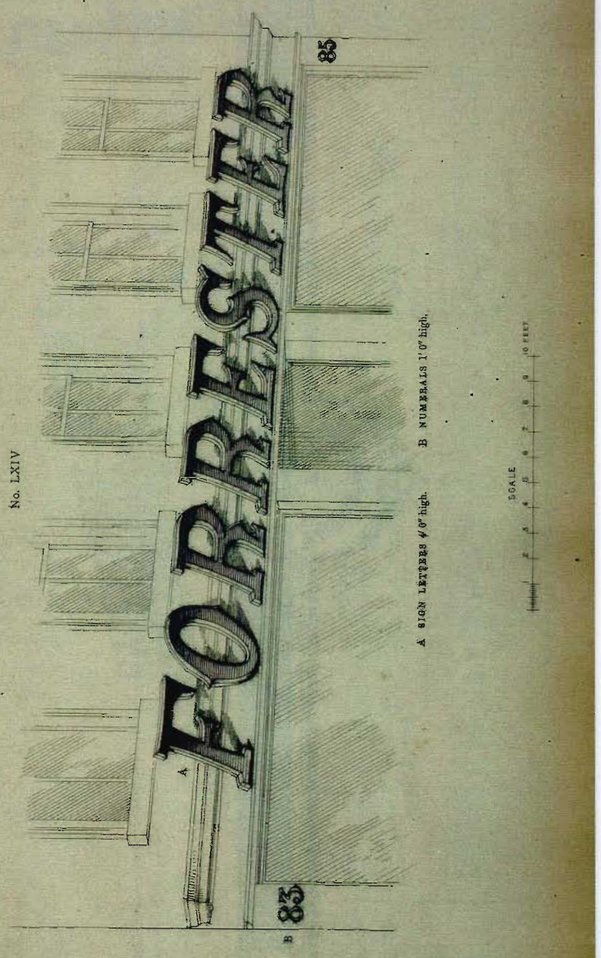
Application of Castings to Signs.

No. LXIII.



A SIGN LETTERS.
B No. 106 TERMINAL 1'8½".
C No. 440 TERMINAL 1'10".
D No. 1 LION'S HEAD 6".
E No. 66 BRACKET 6"×1'6".

No. LXIV



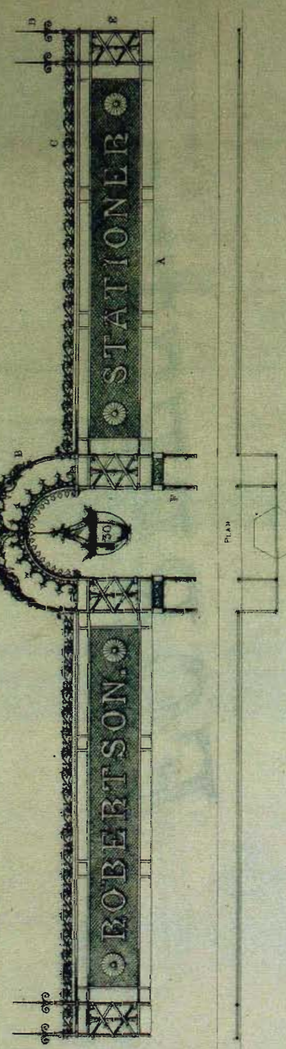
A SIGN LETTERS 4'0" high.
B NUMERALS 1'0" high.

MACFARLANE'S CASTINGS — EXAMPLES.

Application of Castings to Signs.

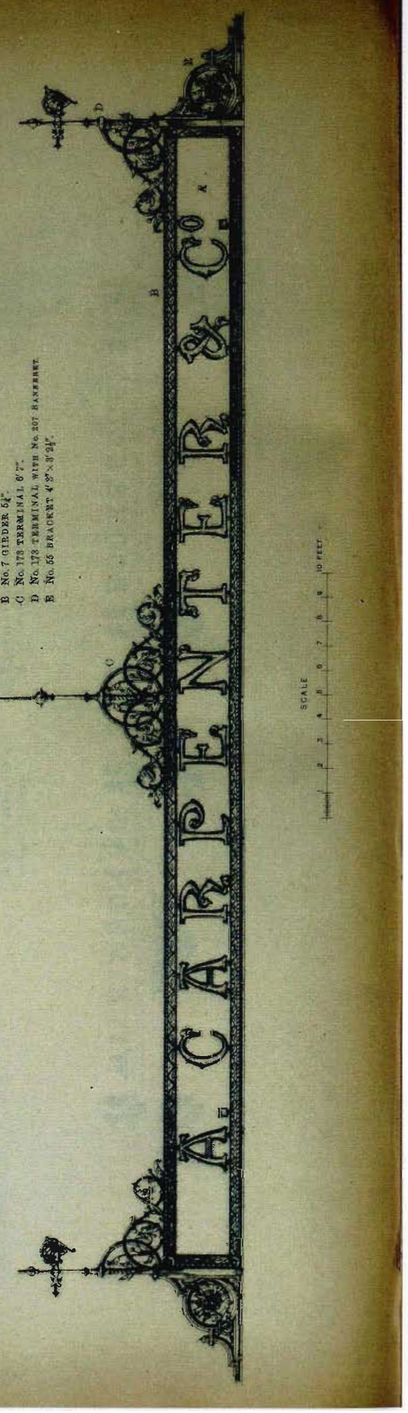
No. LXV.

A SIGN LETTERS AND PATERAS ON DIAPER GROUND.
B No. 494 TERMINAL ARCH WITH No. 116 LANTERN.
C No. 439 CRESTING 9".
D No. 53 TERMINAL 5'0".
E No. 105 PANEL 1'0"×5'0".
F No. 207 BRACKET 1'8"×1'6".



No. LXVI.

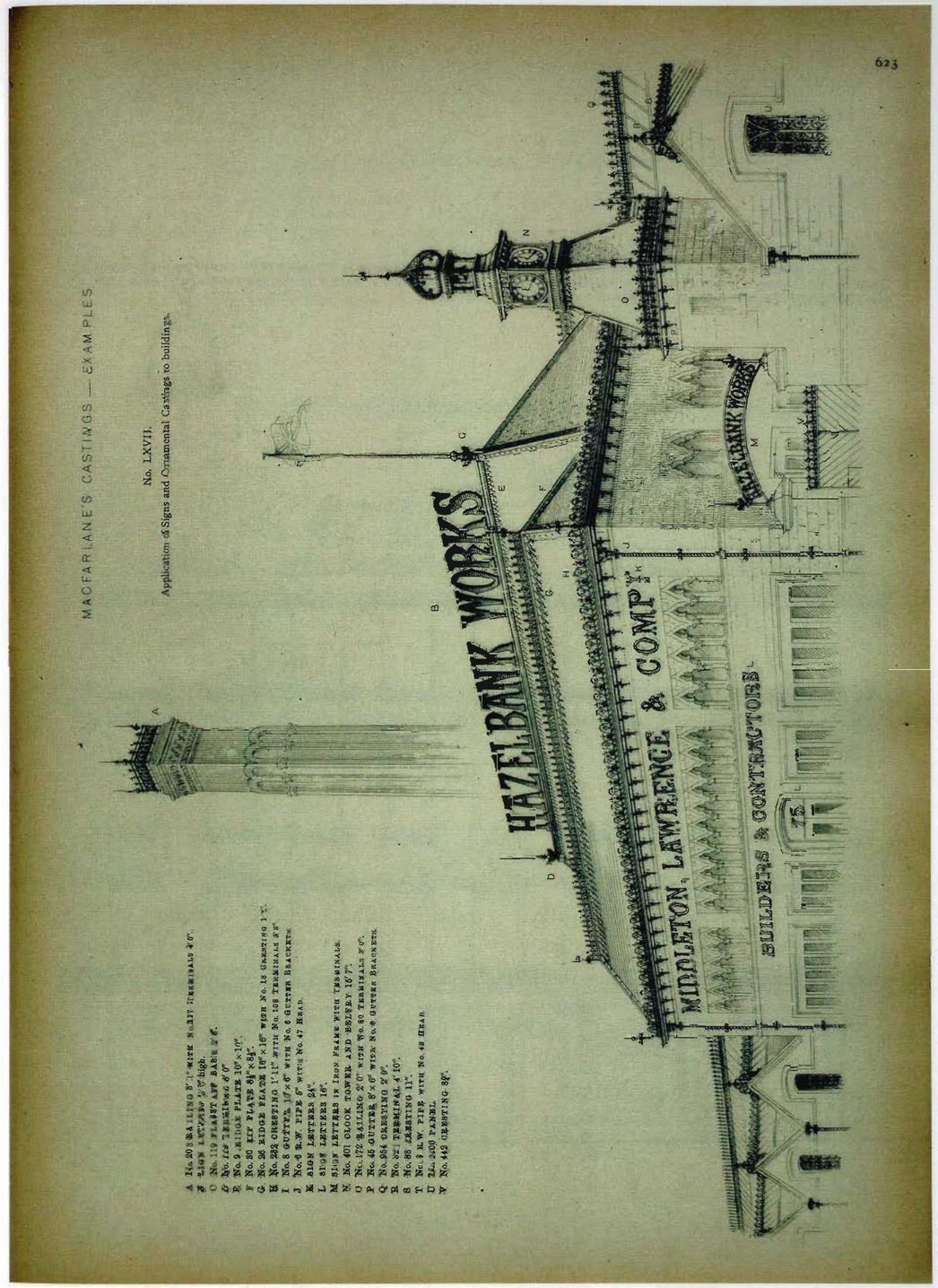
A SIGN LETTERS
B No. 7 GIRDER 6'4".
C No. 173 TERMINAL 6'7".
D No. 173 TERMINAL WITH No. 207 BANDRAIL.
E No. 55 BRACKET 4'9"×3'9½".



MACFARLANE'S CASTINGS — EXAMPLES.

No. LXVII.

Application of Signs and Ornamental Castings to buildings.

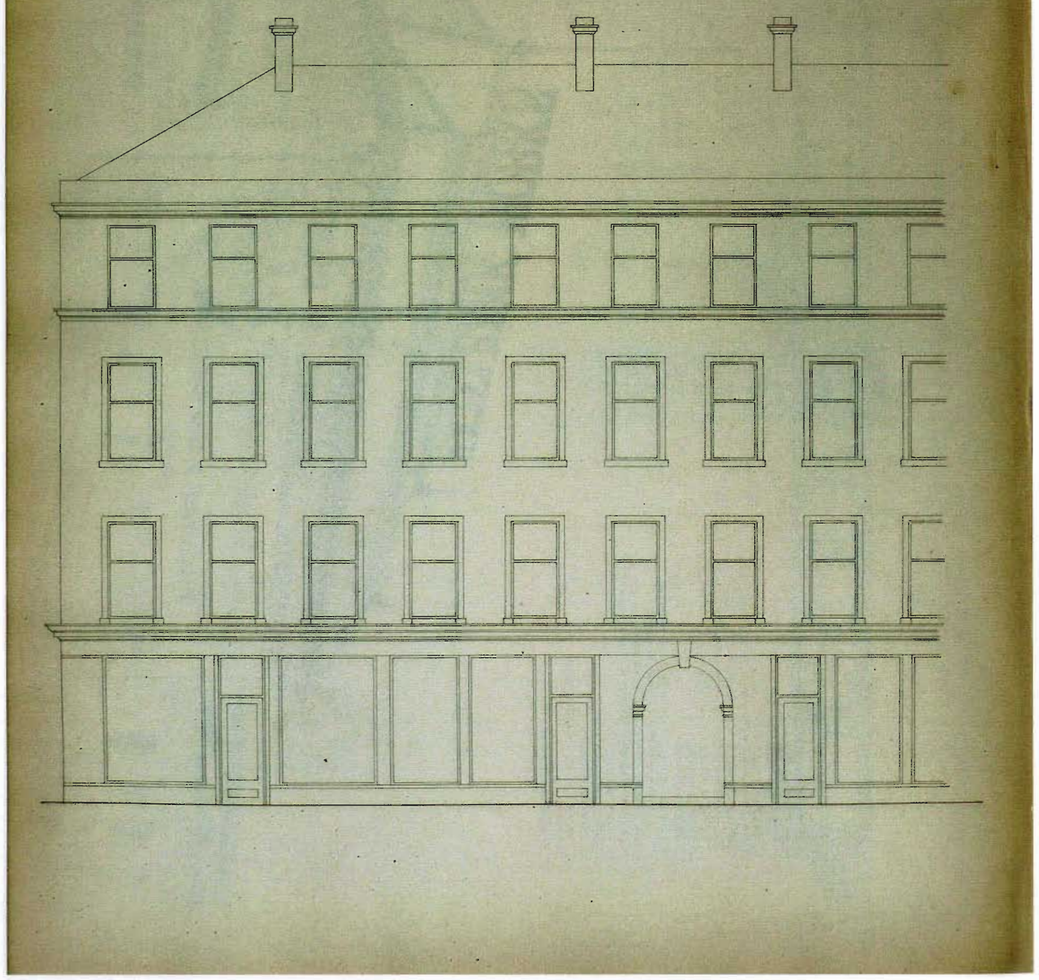


A No. 20 RAILING 5'1" WITH No. 117 TERMINALS 4'0".
B SIGN LETTERS 5'0" High.
C No. 119 FLAP FLAP BASE 2'6".
D No. 173 TERMINAL 4'0".
E No. 6 RAILING PLATE 10"×10".
F No. 86 KEY PLATES 6½"×6½".
G No. 86 GIRDER PLATES 16"×10" WITH No. 18 CRESTING 1'3".
H No. 225 CRESTING 1'11" WITH No. 105 TERMINALS 3'8".
I No. 8 GUTTERS 2'6" WITH No. 6 GUTTER BRACKETS.
J No. 6 R.W. PIPES 6'0" WITH No. 6 GUTTER BRACKETS.
K SIGN LETTERS 9½".
L SIGN LETTERS 16".
M SIGN LETTERS IN IRON FRAME WITH TERMINALS.
N No. 401 CLOCK TOWER AND KEEPER 15'7".
O No. 172 RAILING 2'0" WITH No. 80 TERMINALS 3'0".
P No. 45 GUTTER 8'×6" WITH No. 6 GUTTER BRACKETS.
Q No. 264 CRESTING 2'9".
R No. 221 TERMINAL 4'10".
S No. 88 CRESTING 11".
T No. 8 R.W. PIPE WITH No. 48 HEAD.
U No. 300 PANEL.
V No. 442 CRESTING 8".

MACFARLANE'S CASTINGS — EXAMPLES

No. LXVIII.

This is an example of a class of old buildings not uncommon in the thoroughfares of our towns and cities, and whose bald uninteresting appearance detracts greatly from their commercial value. The Example on following page shows the improvements effected by means of our Cast Iron Enrichments, at comparatively little cost and without the serious interruption to business which would be incurted by rebuilding.

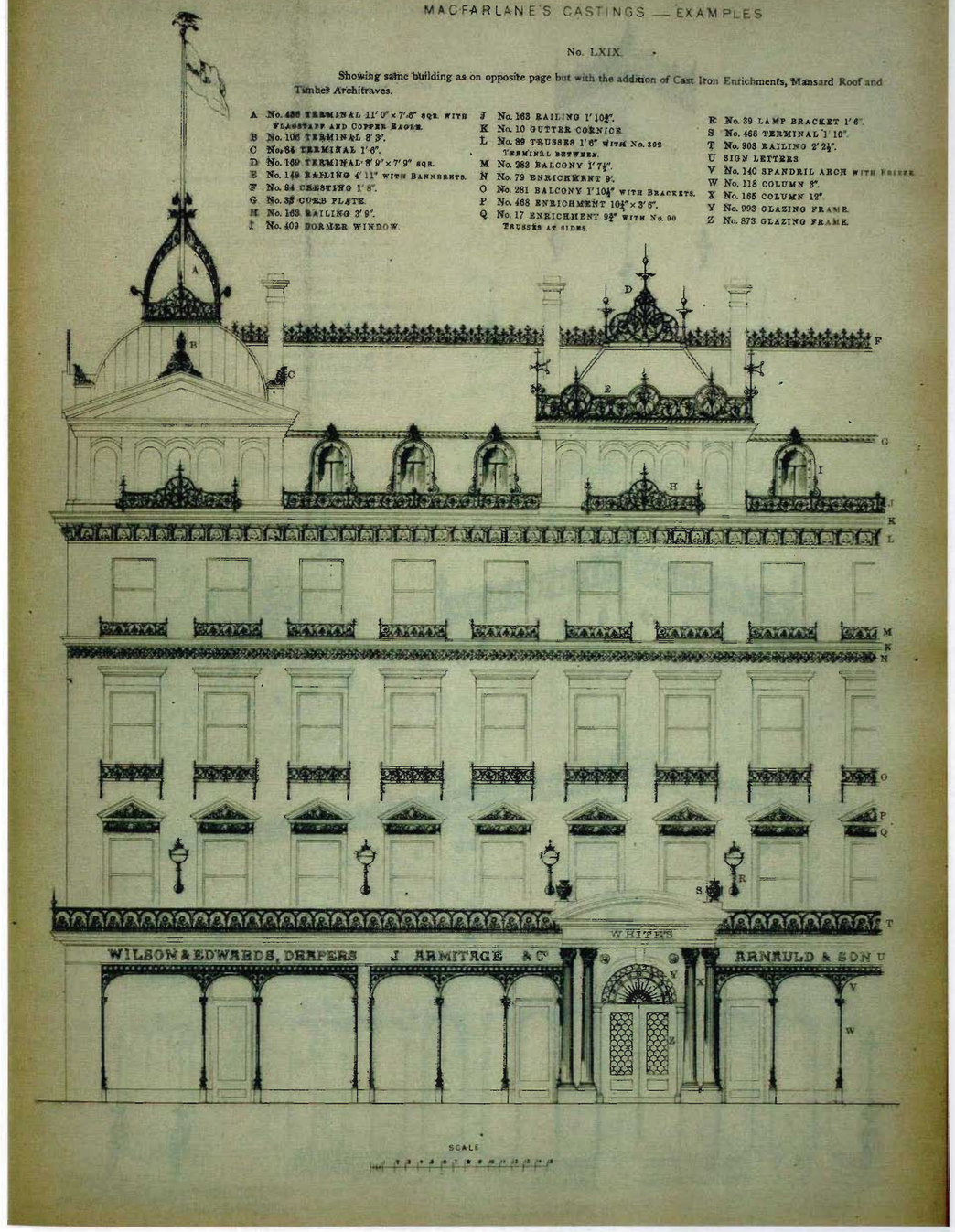


MACFARLANE'S CASTINGS — EXAMPLES

No. LXIX.

Showing same building as on opposite page but with the addition of Cast Iron Enrichments, Mansard Roof and Timber Architraves.

A No. 486 TERMINAL 11'0" × 7'6" SQR. WITH FLAGSTAFF AND COPPER EAGLE.
B No. 106 TERMINAL 8'3".
C No. 84 TERMINAL 1'6".
D No. 169 TERMINAL 8'9" × 7'9" SQR.
E No. 149 RAILING 4'11" WITH BANNERETS.
F No. 94 CRESTING 1'8".
G No. 38 CURB PLATE.
H No. 163 RAILING 3'9".
I No. 403 DORMER WINDOW.
J No. 163 RAILING 1'10¾".
K No. 10 GUTTER CORNICE.
L No. 89 TRUSSES 1'6" WITH No. 302 TERMINAL BETWEEN.
M No. 283 BALCONY 1'7¼".
N No. 79 ENRICHMENT 9".
O No. 281 BALCONY 1'10¾" WITH BRACKETS.
P No. 488 ENRICHMENT 10¼" × 3'6".
Q No. 17 ENRICHMENT 9¾" WITH No. 90 TRUSSES AT SIDES.
R No. 39 LAMP BRACKET 1'6".
S No. 466 TERMINAL 1'10".
T No. 908 RAILING 2'2½".
U SIGN LETTERS.
V No. 140 SPANDRIL ARCH WITH FRIEZE.
W No. 118 COLUMN 3'.
X No. 185 COLUMN 12".
Y No. 993 GLAZING FRAME.
Z No. 873 GLAZING FRAME.

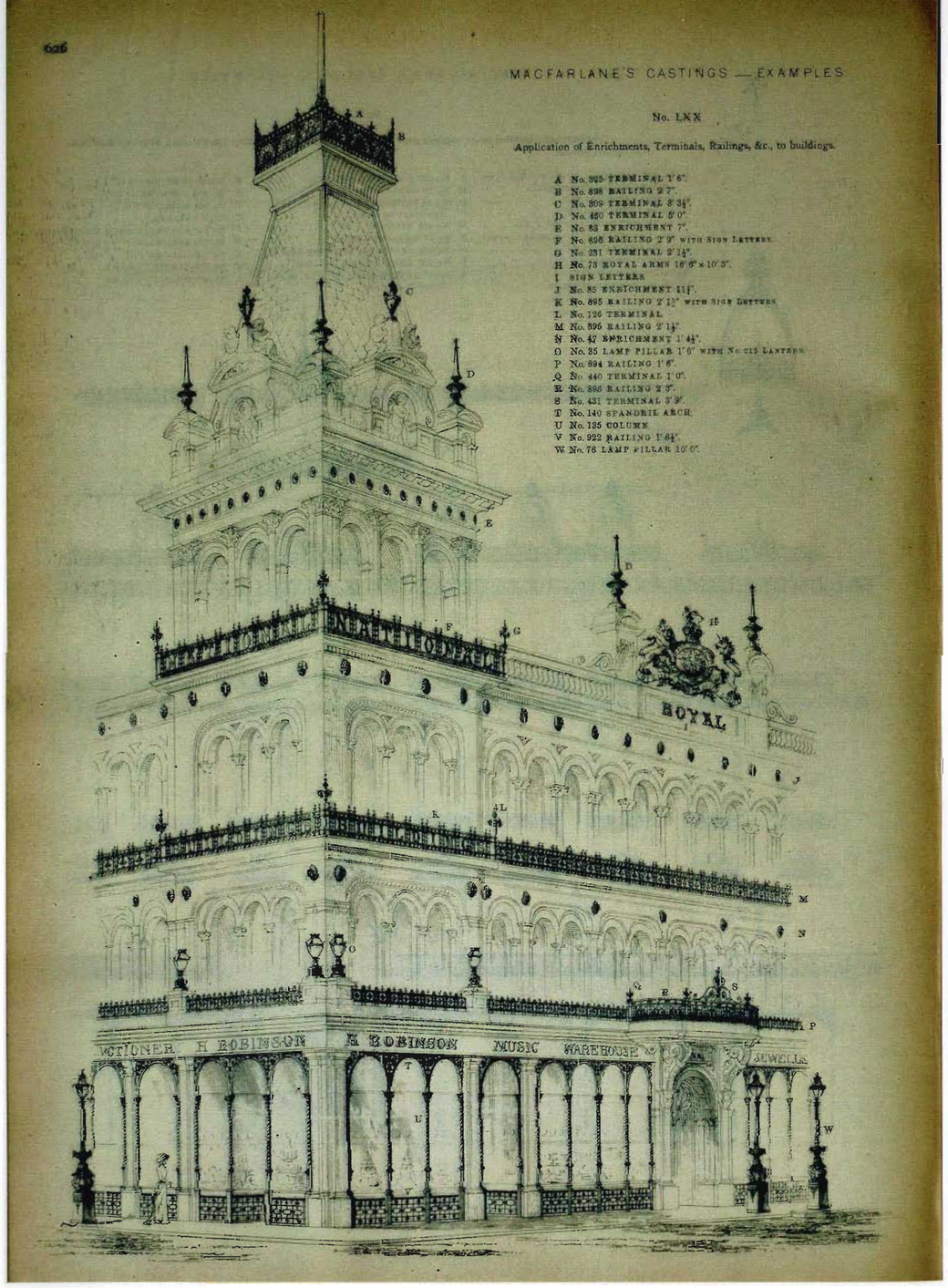


MACFARLANE'S CASTINGS — EXAMPLES

No. LXX

Application of Enrichments, Terminals, Railings, &c., to buildings.

A No. 325 TERMINAL 1'6".
B No. 898 RAILING 2'7".
C No. 309 TERMINAL 8'3½".
D No. 460 TERMINAL 5'0".
E No. 83 ENRICHMENT 7".
F No. 898 RAILING 2'9" WITH SIGN LETTERS.
G No. 231 TERMINAL 2'1½".
H No. 73 ROYAL ARMS 16'6" x 10'3".
I SIGN LETTERS.
J No. 85 ENRICHMENT 11½".
K No. 895 RAILING 2'1½" WITH SIGN LETTERS.
L No. 126 TERMINAL.
M No. 896 RAILING 2'1½".
N No. 47 ENRICHMENT 1'4½".
O No. 35 LAMP PILLAR 1'6" WITH No. 215 LANTERN.
P No. 894 RAILING 1'6".
Q No. 440 TERMINAL 1'0".
R No. 886 RAILING 2'3".
S No. 431 TERMINAL 3'9".
T No. 140 SPANDREL ARCH.
U No. 135 COLUMN.
V No. 922 RAILING 1'6½".
W No. 76 LAMP PILLAR 10'0".



SECTION XXII.—WINDOWS.

FOR ROOFS, WALLS, PARTITIONS, DOORS, &c.

The lighting of Buildings cannot be too carefully considered in this era of large establishments often occupying confined situations, where accommodation can only be secured by the utmost utilisation of ground space, necessitating increased facilities for lighting the back, central and upper apartments. Cast Iron from its strength and durability under exposure to weather as well as from the light and graceful forms into which it can be fashioned, is the most suitable material for such purposes, as shown in the following designs, combining strength with lightness and simplicity with beauty, for Saloons, Halls, Offices, Warehouses, Billiard, Reading and Show Rooms, Mansions, Staircases, &c. Although our patterns of Cupola Windows are round or dome-shaped, they are all prepared for flat glass, thus both reducing the first cost of glazing, and avoiding the difficulty, annoyance and expense that attend the repairing of bent glass. The pleasing forms and ornamental grouping of the panes admit of charming effects in colour by means of variously arranged tints of glass, and also of richer stained glass decoration at very little additional expense—see Examples at end of Catalogue.

Please insert in specification "**To be Macfarlane's Castings, from Saracen Foundry, Glasgow,**" to prevent an inferior article being supplied.

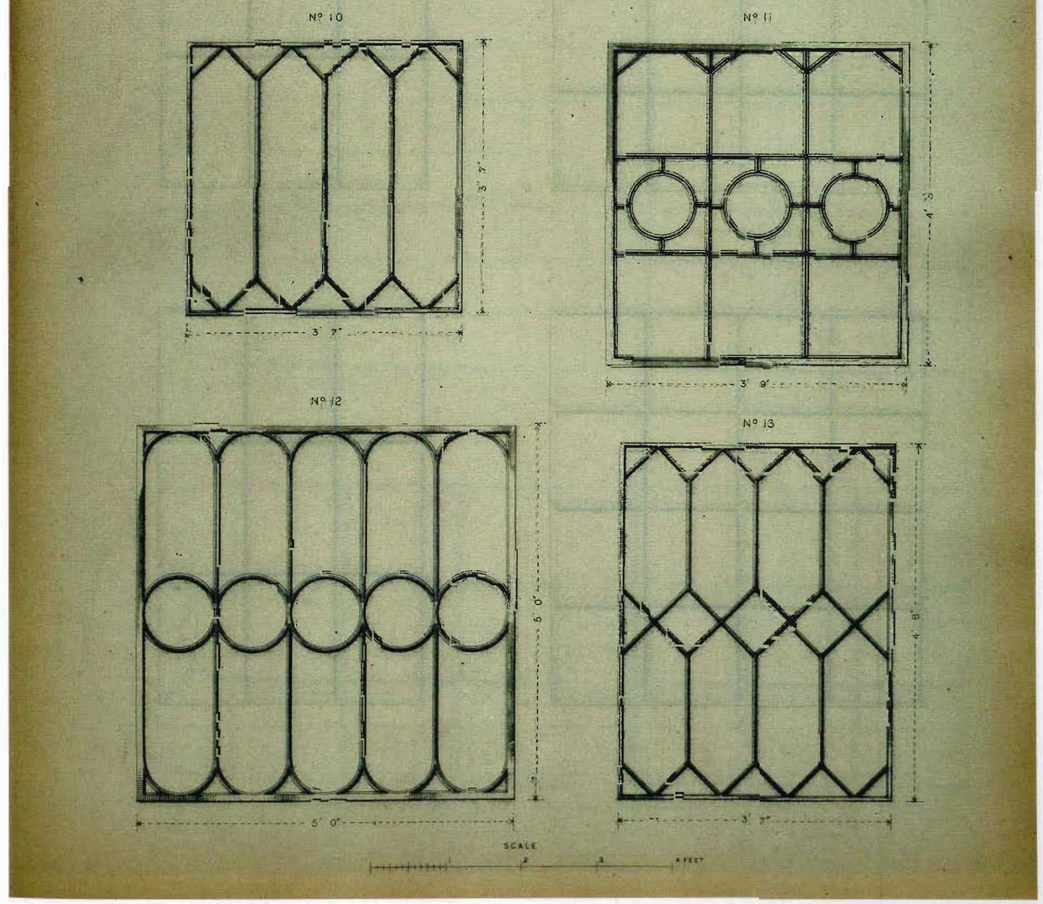
Windows,	pages 627–633	Cupola and Roof Lights,	pages 647–653
Semicircular Windows and Fanlights,	„ 634–640	Arch and Lean-to Roofs,	„ 653
Circular Windows,	„ 641–642	Example,	„ 654
Dormer Windows,	„ 643–646	Other Examples at end of Catalogue.	

The illustrations are arranged in the order of their Nos.

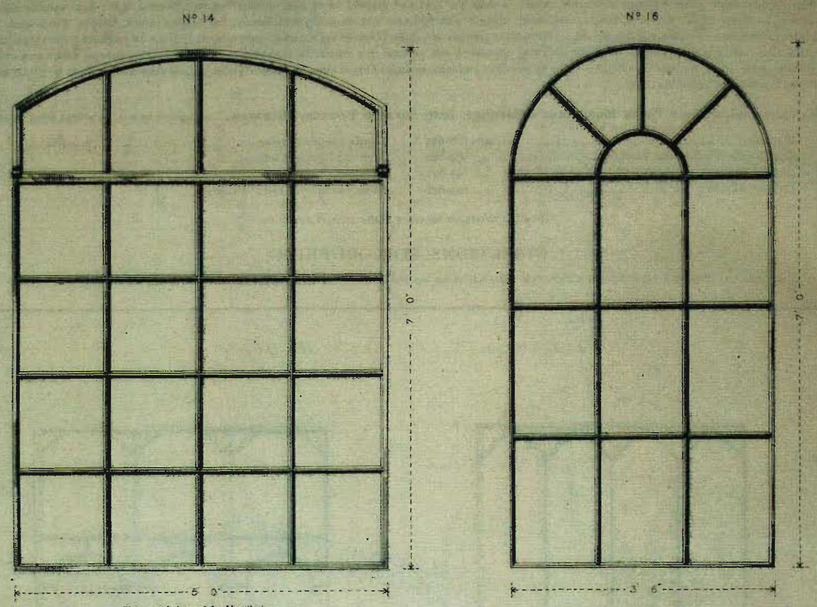
DIRECTIONS FOR ORDERING.

State Nos. and Sizes, and when necessary give rough sketch showing any addition or modification required. Other sizes than those shown—*to order*.

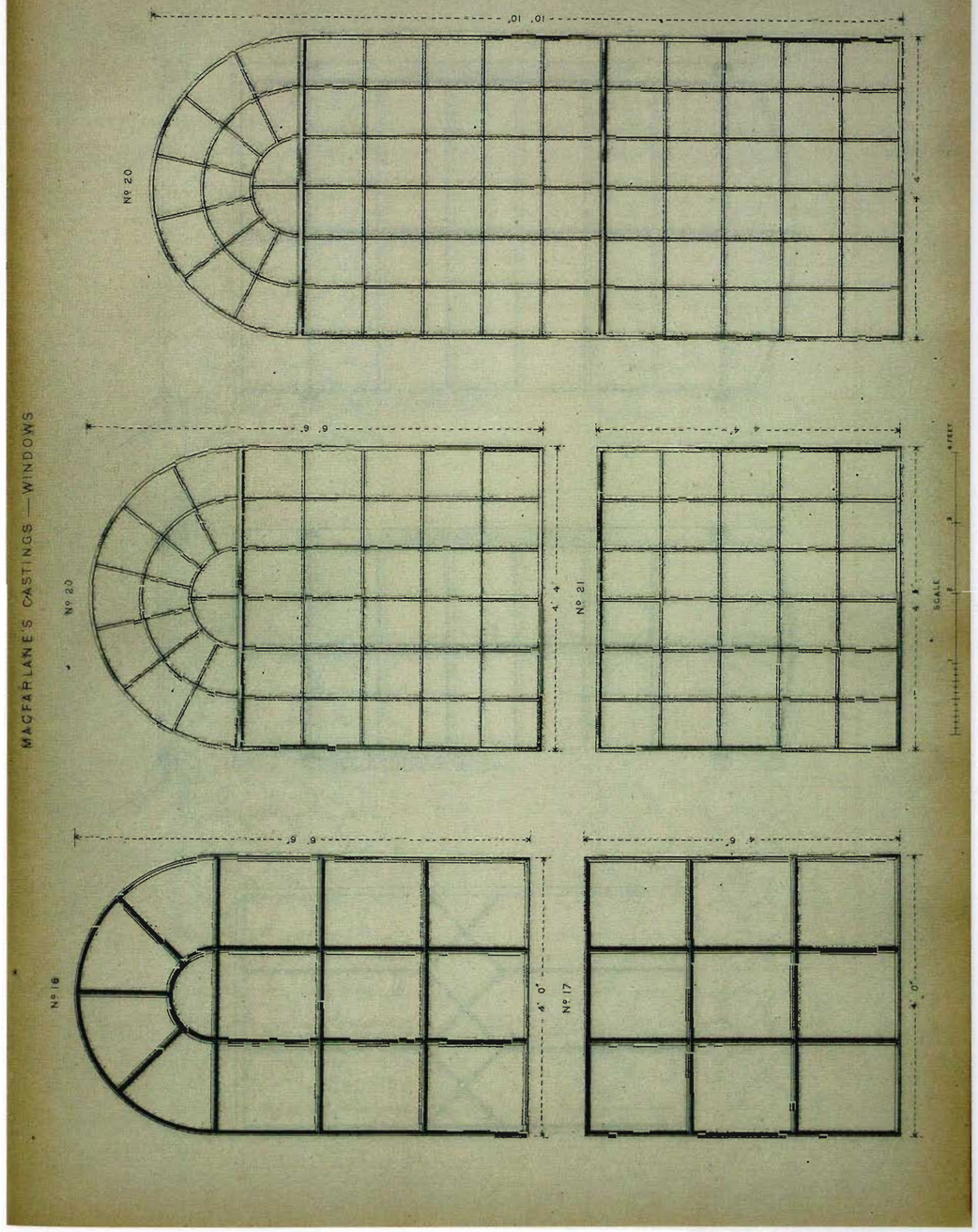
MACFARLANE'S CASTINGS — WINDOWS



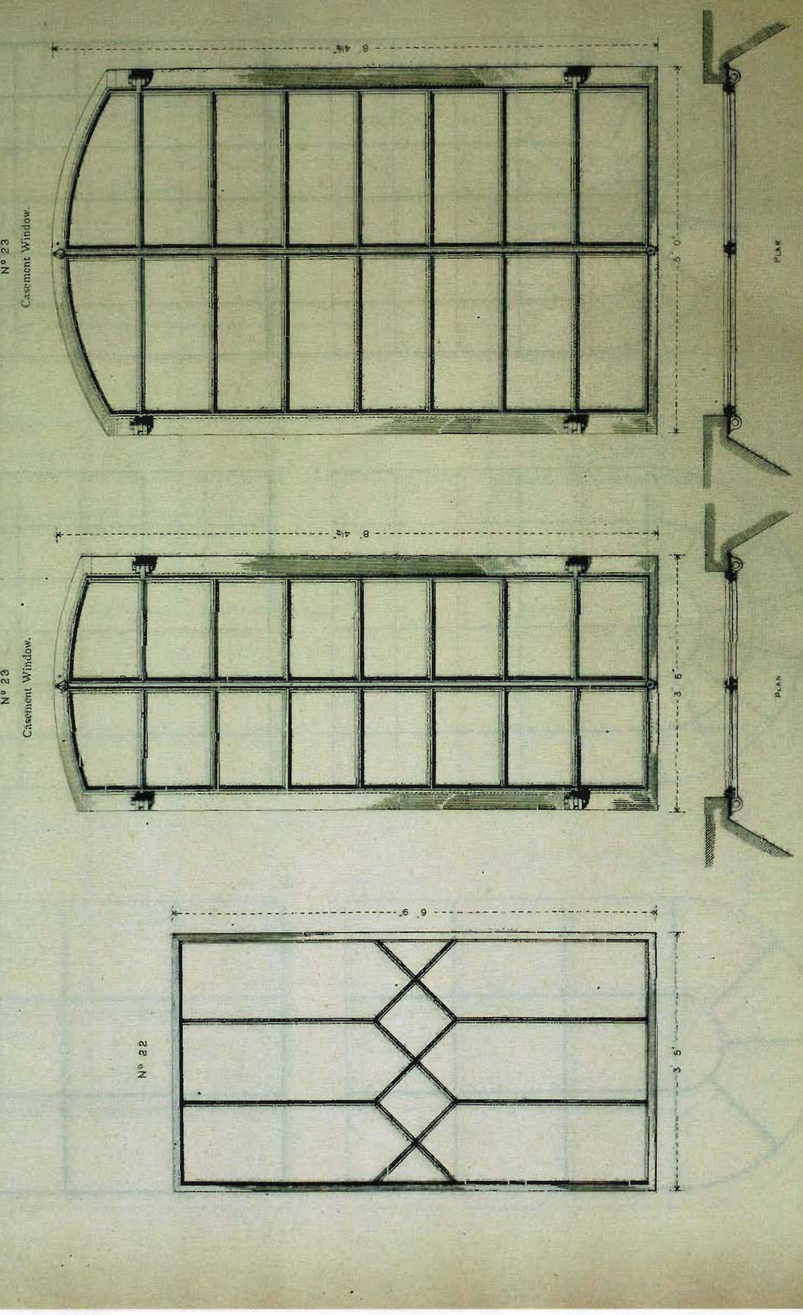
MACFARLANE'S CASTINGS — WINDOWS



MACFARLANE'S CASTINGS — WINDOWS

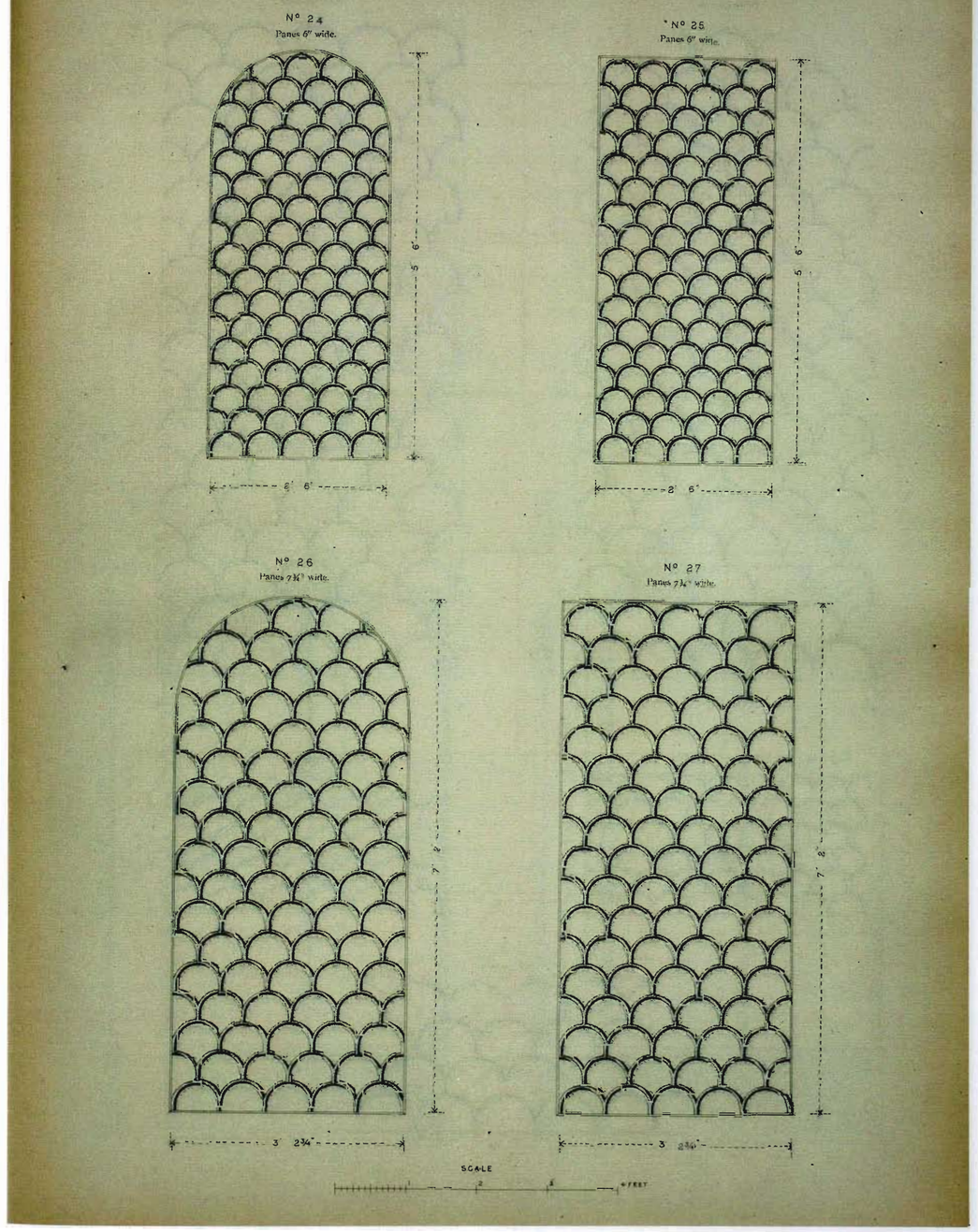


MACFARLANE'S CASTINGS — WINDOWS.



MACFARLANE'S CASTINGS — WINDOWS

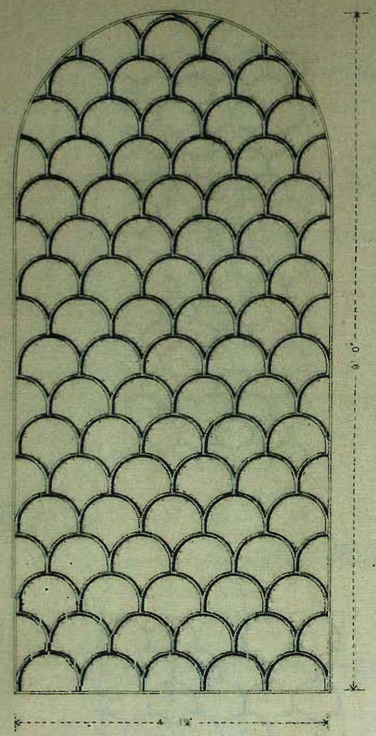
Any size *to order*.



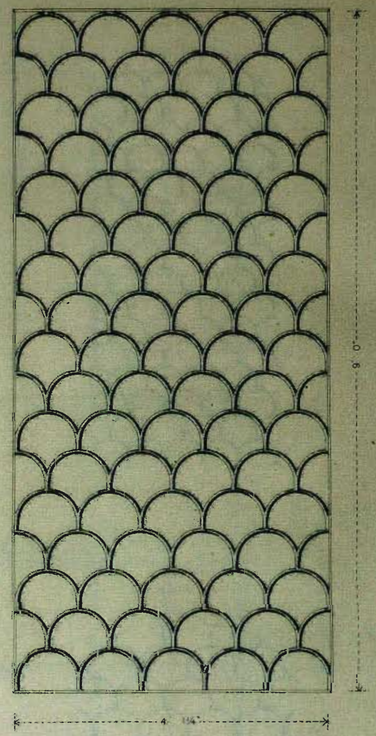
MACFARLANE'S CASTINGS — WINDOWS

Any size *to order*.

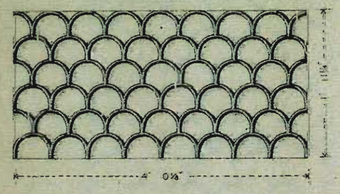
Nº 28
Panes 10" wide.



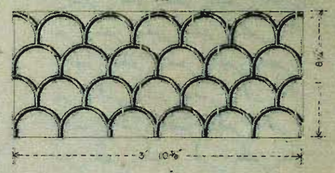
Nº 29
Panes 10" wide.



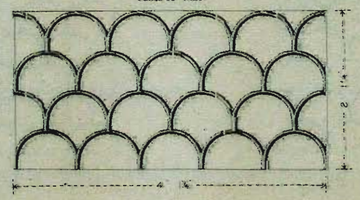
Nº 25
Panes 6" wide.



Nº 27
Panes 7½" wide.



Nº 29
Panes 10" wide.



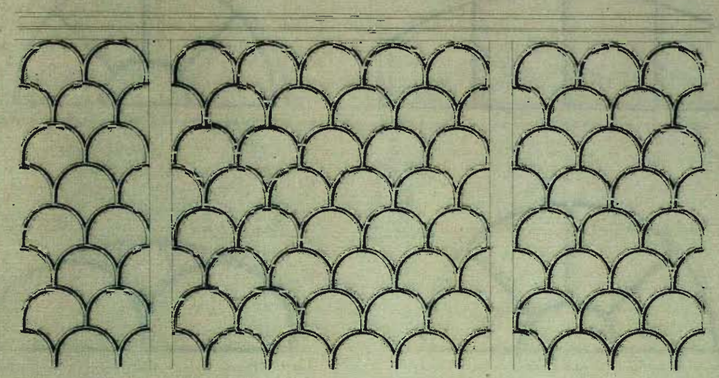
SCALE

MACFARLANE'S CASTINGS — WINDOWS

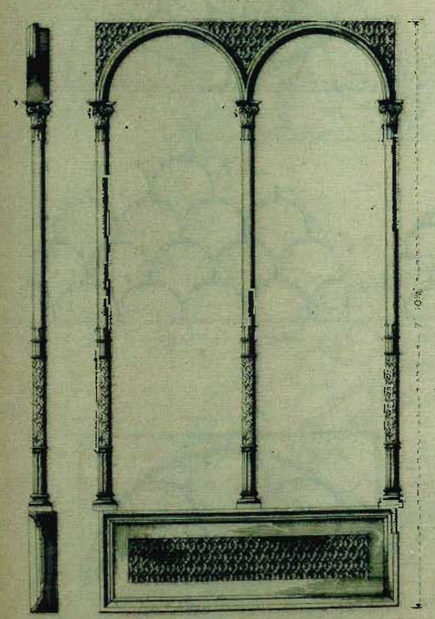
Nº 29

Glazed Partition for subdivision of apartments and transmission of light to the central and back premises of Shops, Warehouses, Offices, &c.

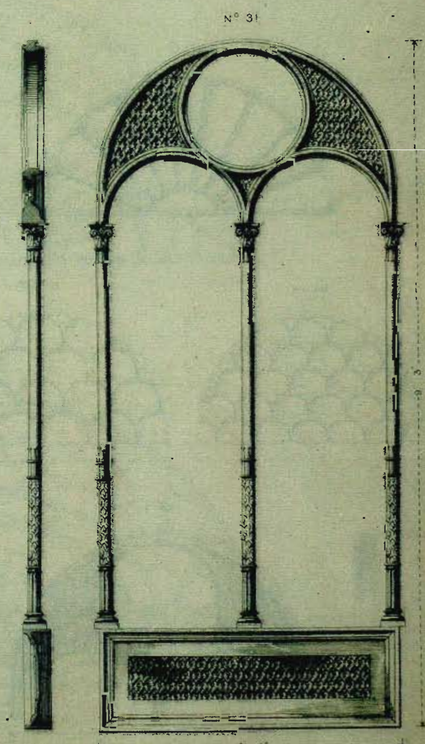
Any size *to order*.



Nº 30

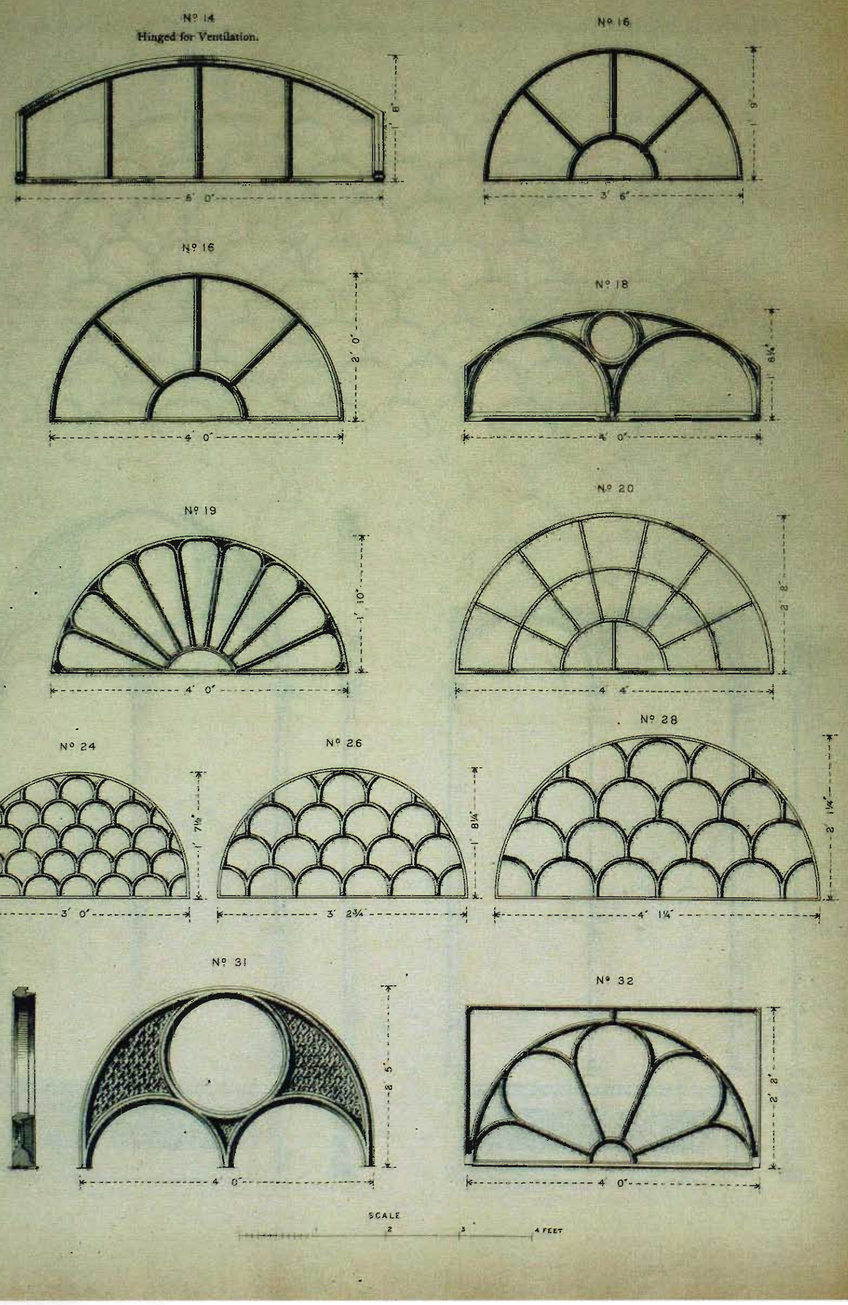


Nº 31

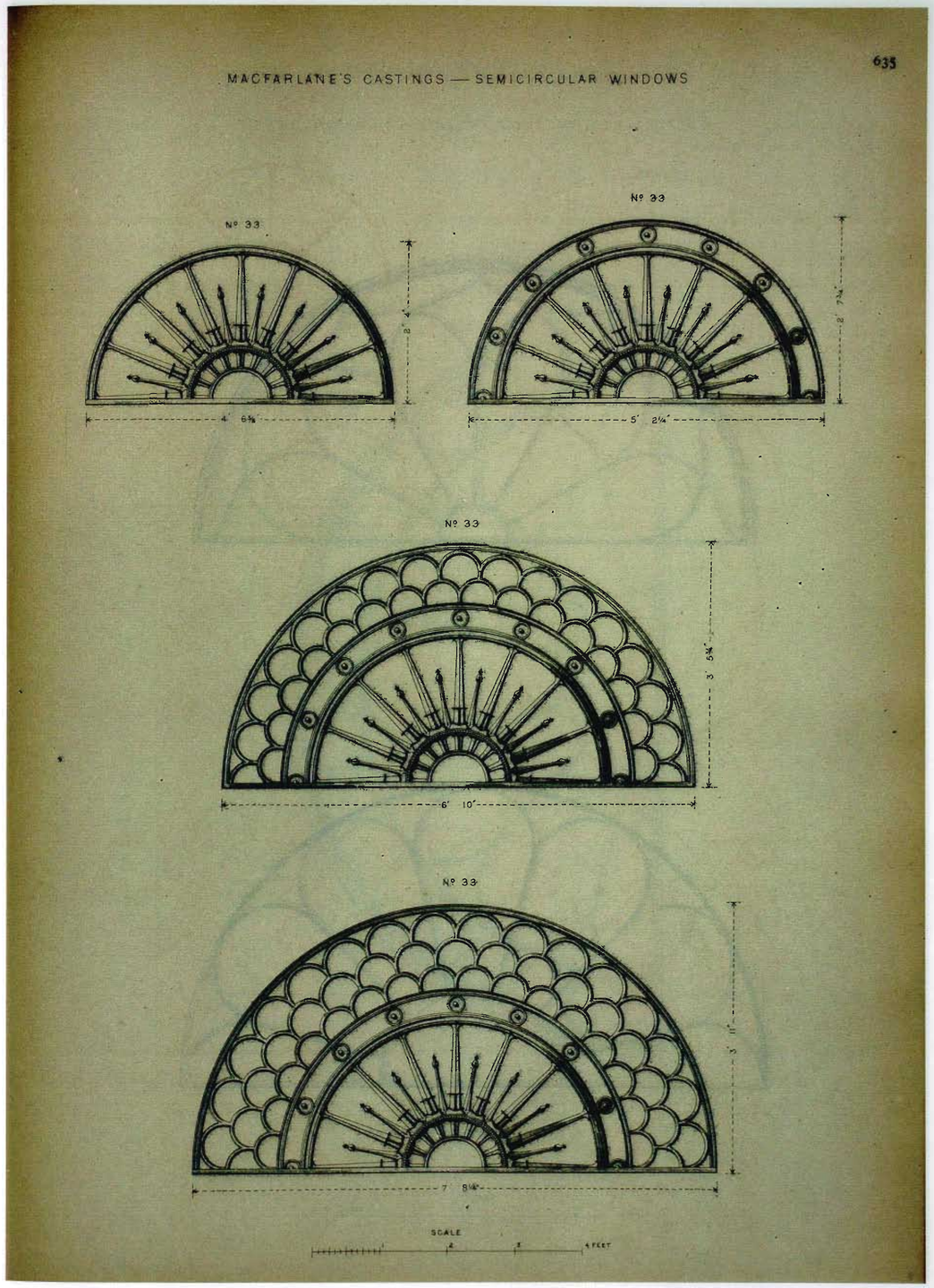


SCALE

MACFARLANE'S CASTINGS — SEMICIRCULAR WINDOWS AND FANLIGHTS



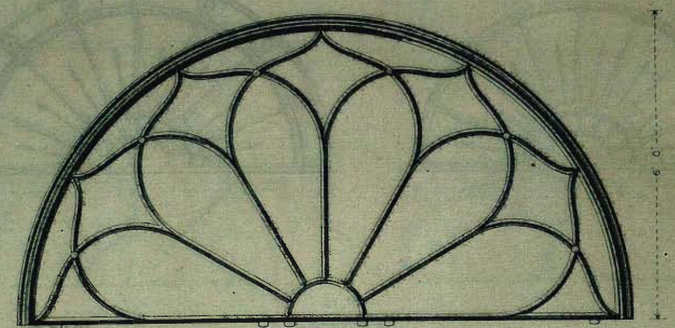
MACFARLANE'S CASTINGS — SEMICIRCULAR WINDOWS



636

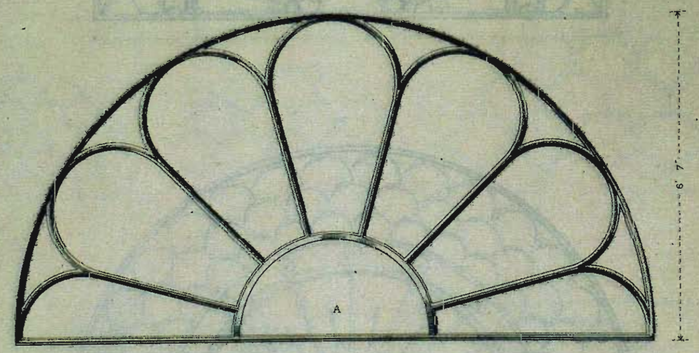
MACFARLANE'S CASTINGS — SEMICIRCULAR WINDOWS

Nº 34



Also 8' 0" × 4' 0"

Nº 35



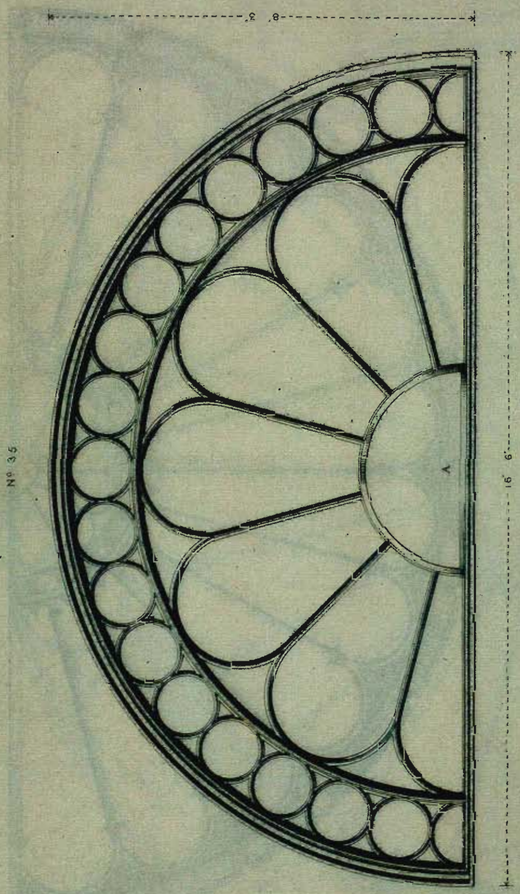
A Semicircular hinged frame for Ventilation.

SCALE 1' 2' 3' 4' 5 FEET

637

MACFARLANE'S CASTINGS — SEMICIRCULAR WINDOWS

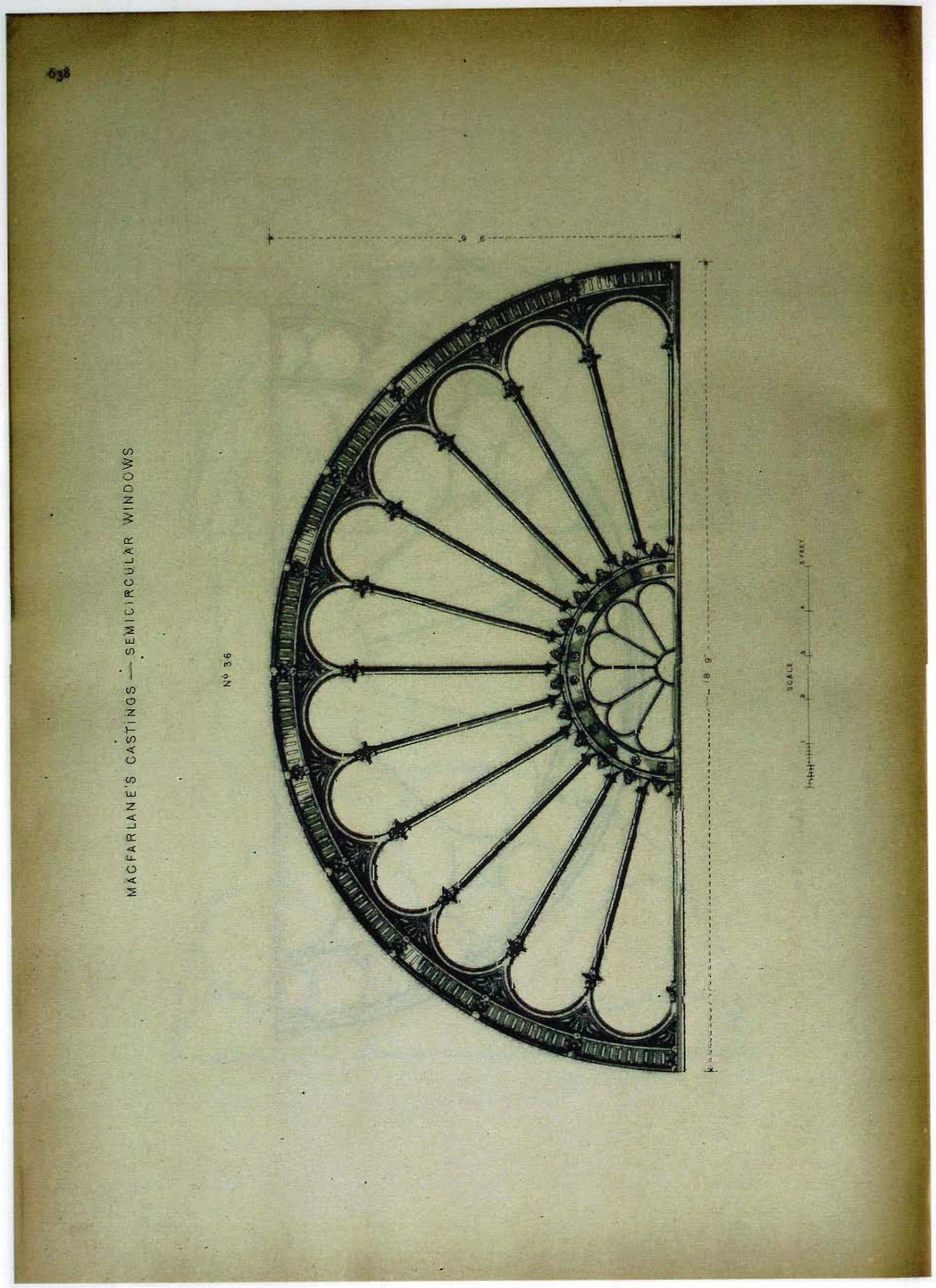
Nº 35



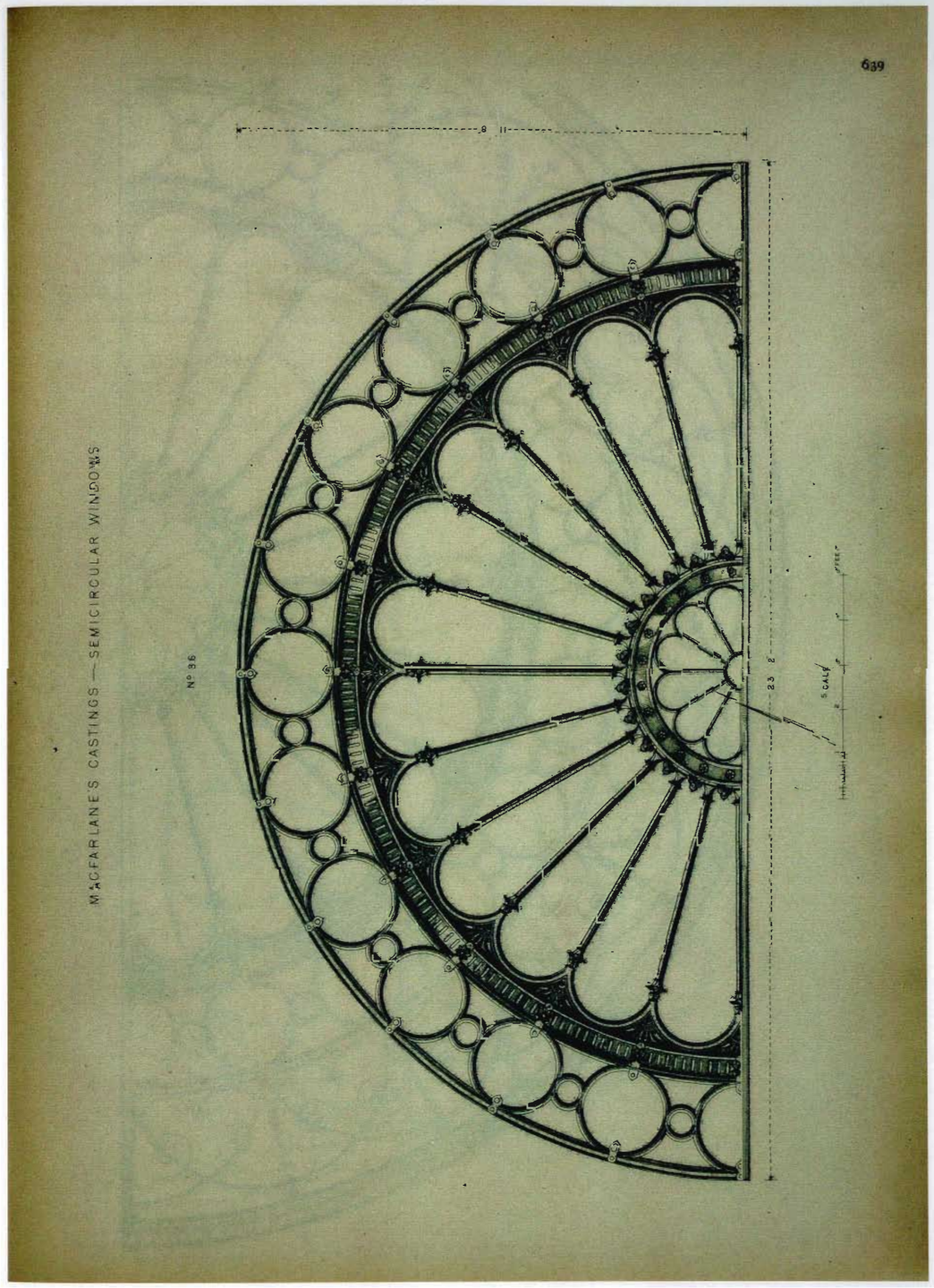
A Semicircular hinged frame for Ventilation.

SCALE 1' 2' 3' 4' 5 FEET

638

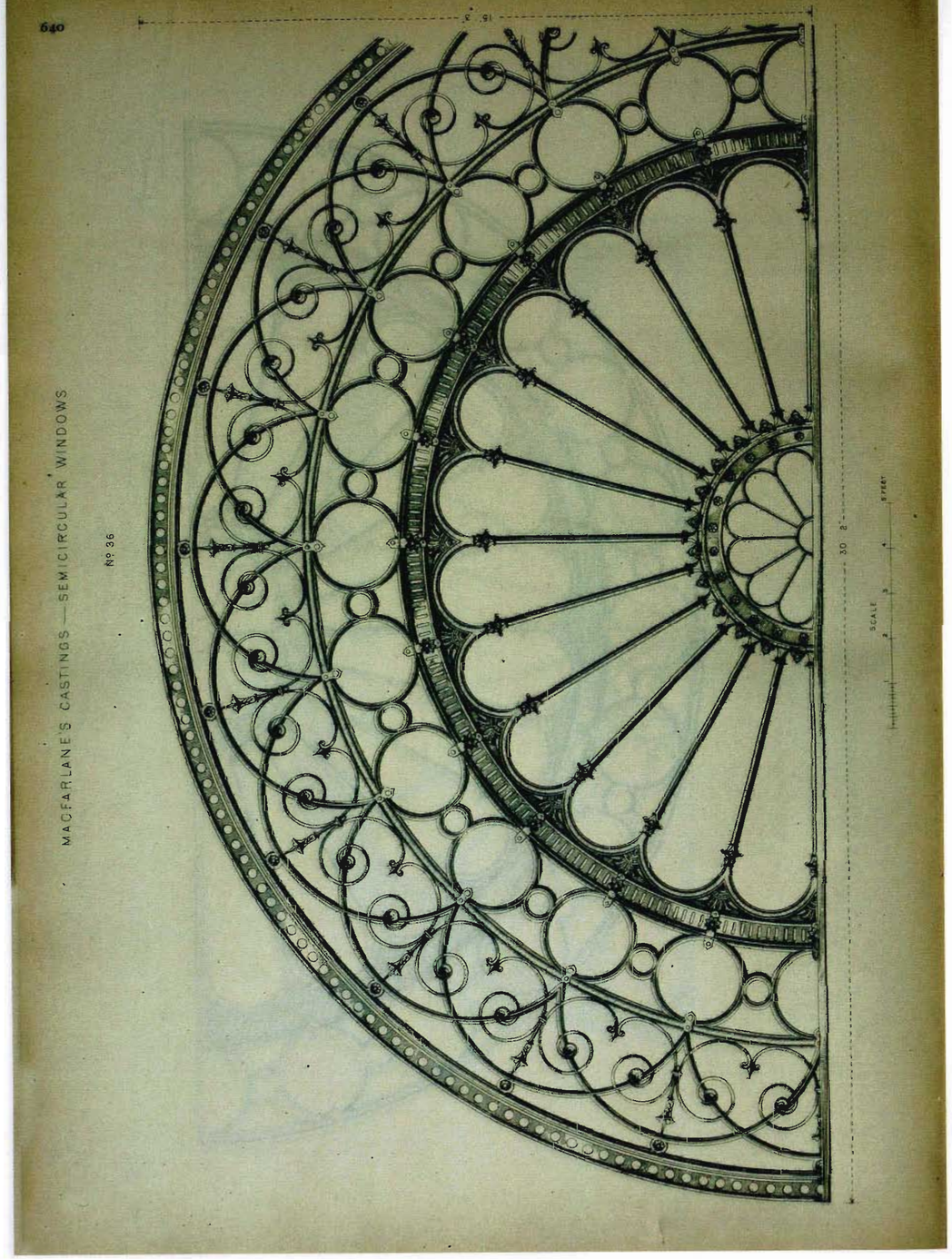

MACFARLANE'S CASTINGS — SEMICIRCULAR WINDOWS
No 36
9 6
18 9
SCALE
3 FEET

639


MACFARLANE'S CASTINGS — SEMICIRCULAR WINDOWS
No 96
8 11
23 2
5 FEET

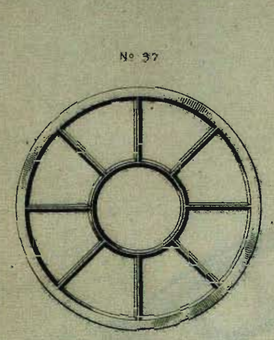
MACFARLANE'S CASTINGS — SEMICIRCULAR WINDOWS

Nº 36

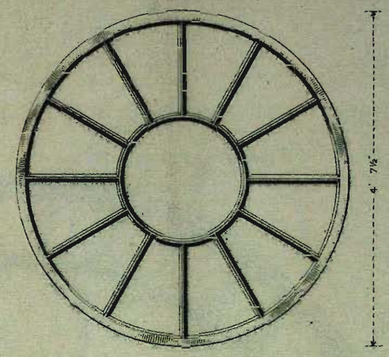


MACFARLANE'S CASTINGS — CIRCULAR WINDOWS

Nº 37

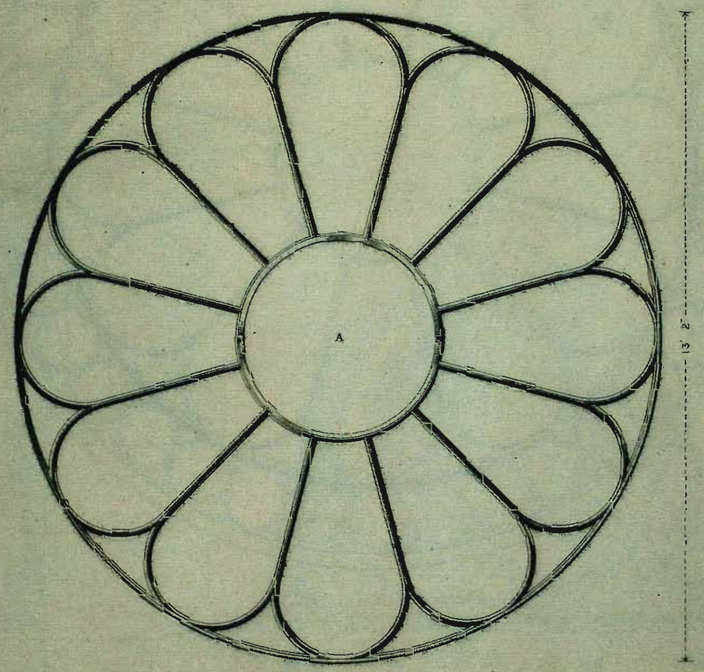


Nº 37



SCALE
1 2 3 4 FEET

Nº 38



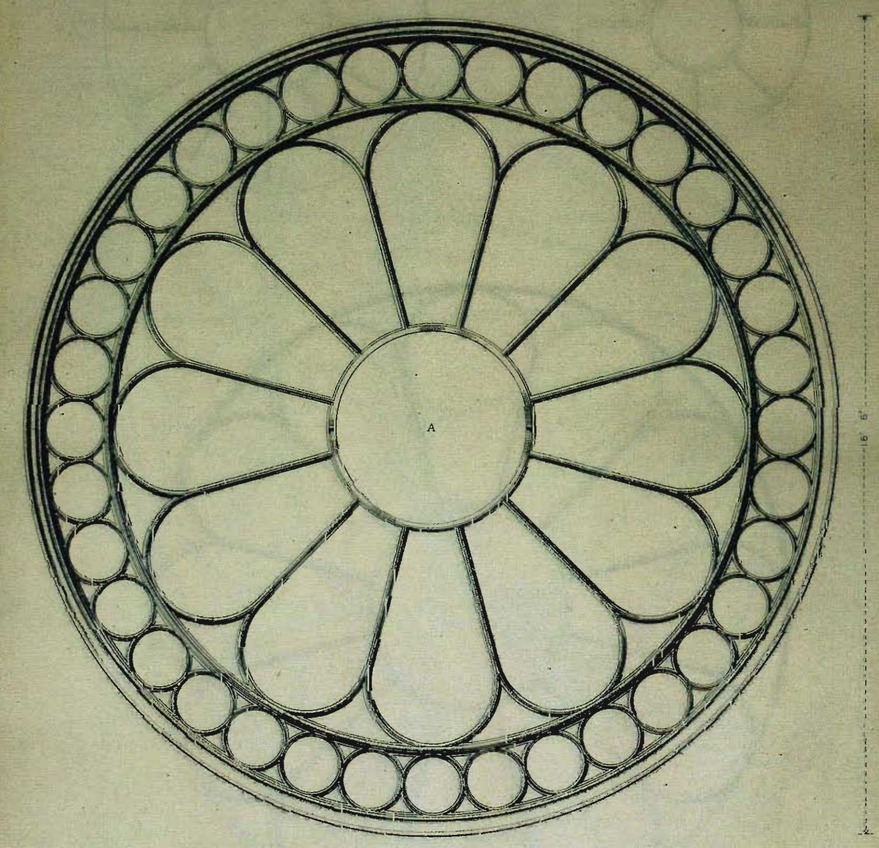
A Circular hinged frame for Ventilation.

SCALE
1 2 3 4 5 FEET

642

MACFARLANE'S CASTINGS — CIRCULAR WINDOWS

No 38



A Circular hinged frame for Ventilation.

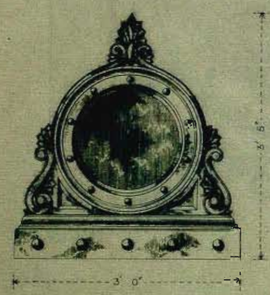
SCALE

MACFARLANE'S CASTINGS — DORMER WINDOWS

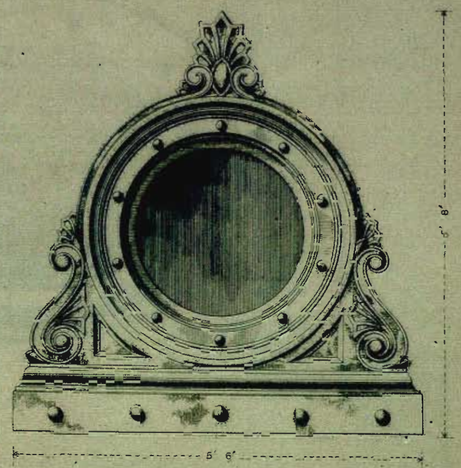
643

With hinged frame for Ventilation—see side view below.

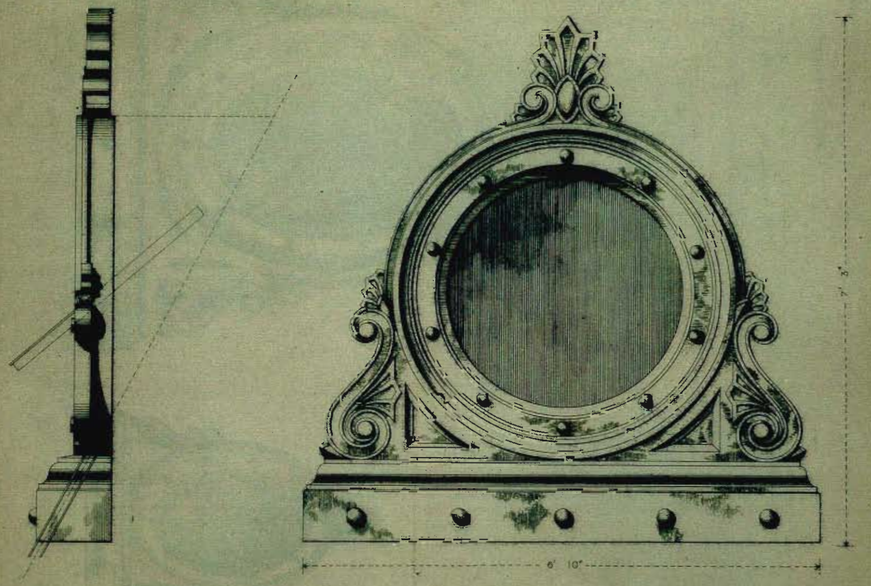
No 39



No 40



No 39

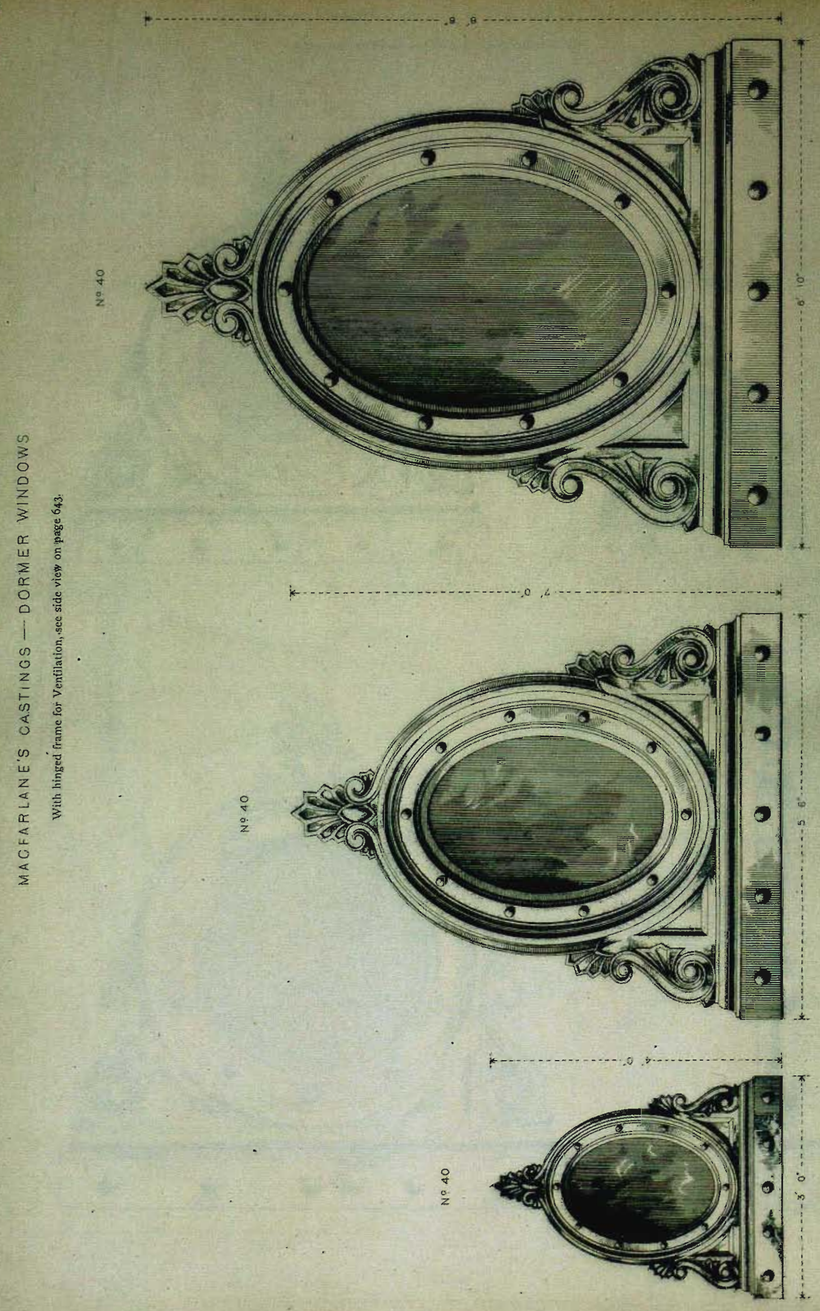


SCALE

644

MACFARLANE'S CASTINGS — DORMER WINDOWS

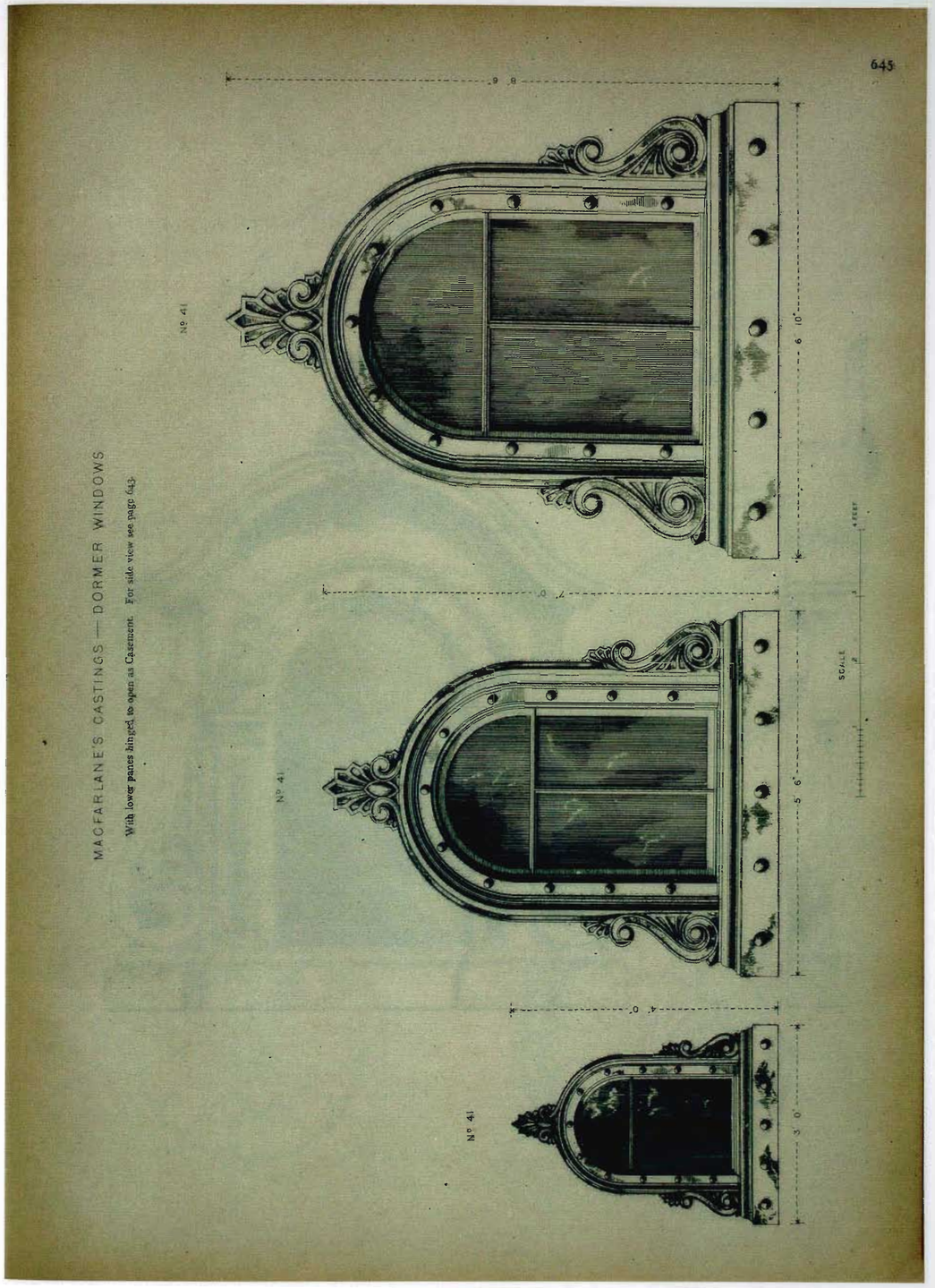
With hinged frame for Ventilation, see side view on page 643.



645

MACFARLANE'S CASTINGS — DORMER WINDOWS

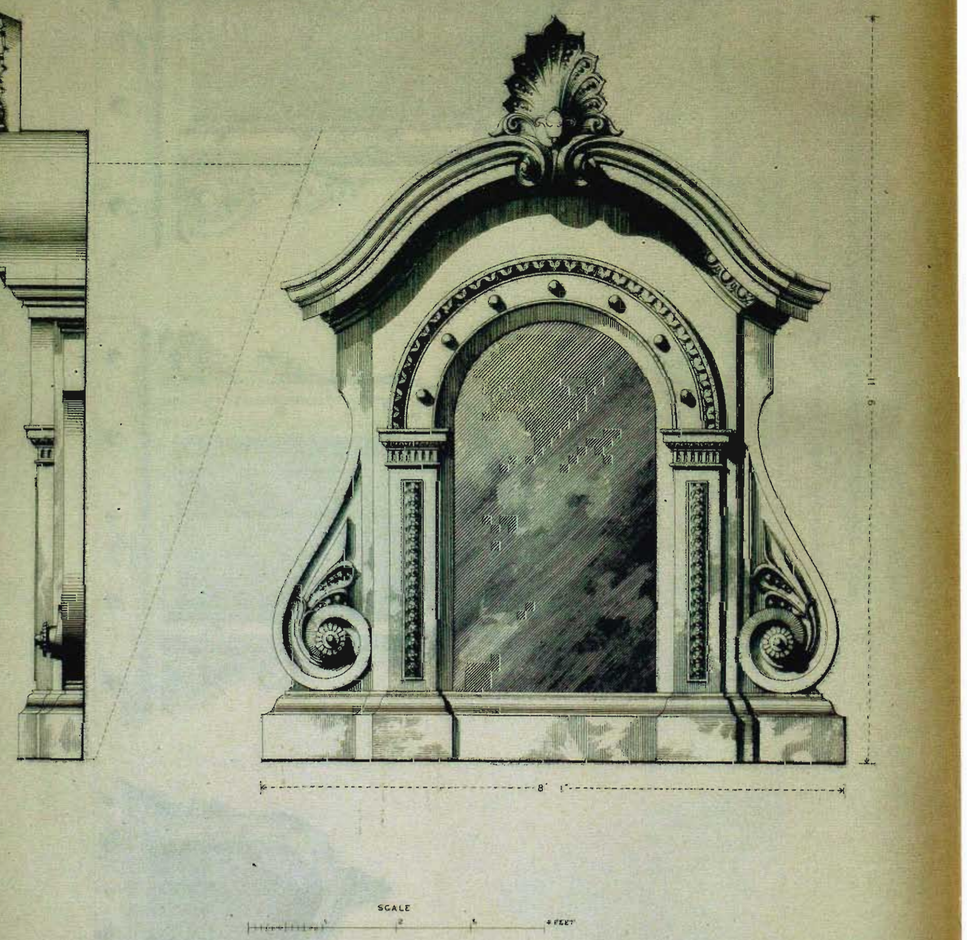
With lower panes hinged, to open as Casement. For side view see page 643.



646

MACFARLANE'S CASTINGS — DORMER WINDOWS

Nº 42

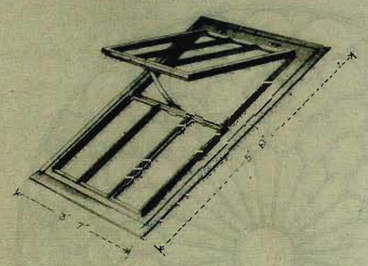


MACFARLANE'S CASTINGS — CUPOLA AND ROOF LIGHTS

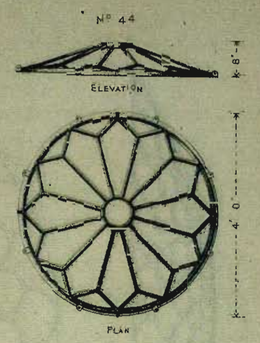
647

All prepared for FLAT GLASS.

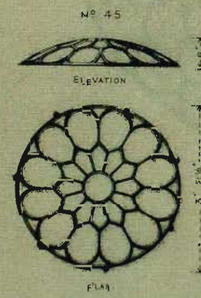
Nº 42



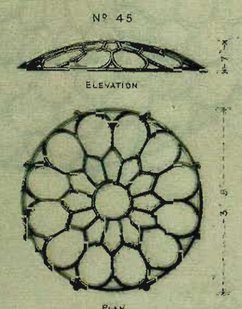
Nº 44



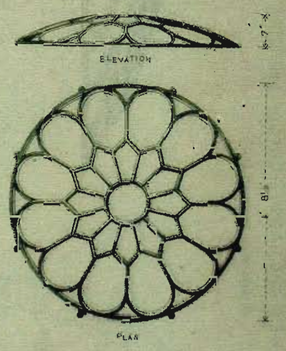
Nº 45



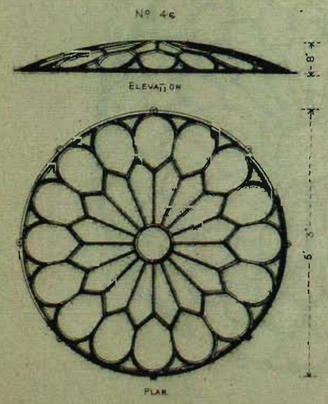
Nº 45



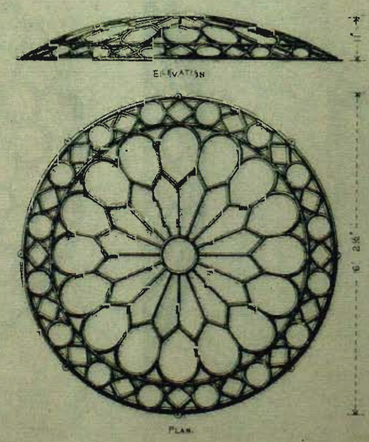
Nº 45



Nº 46

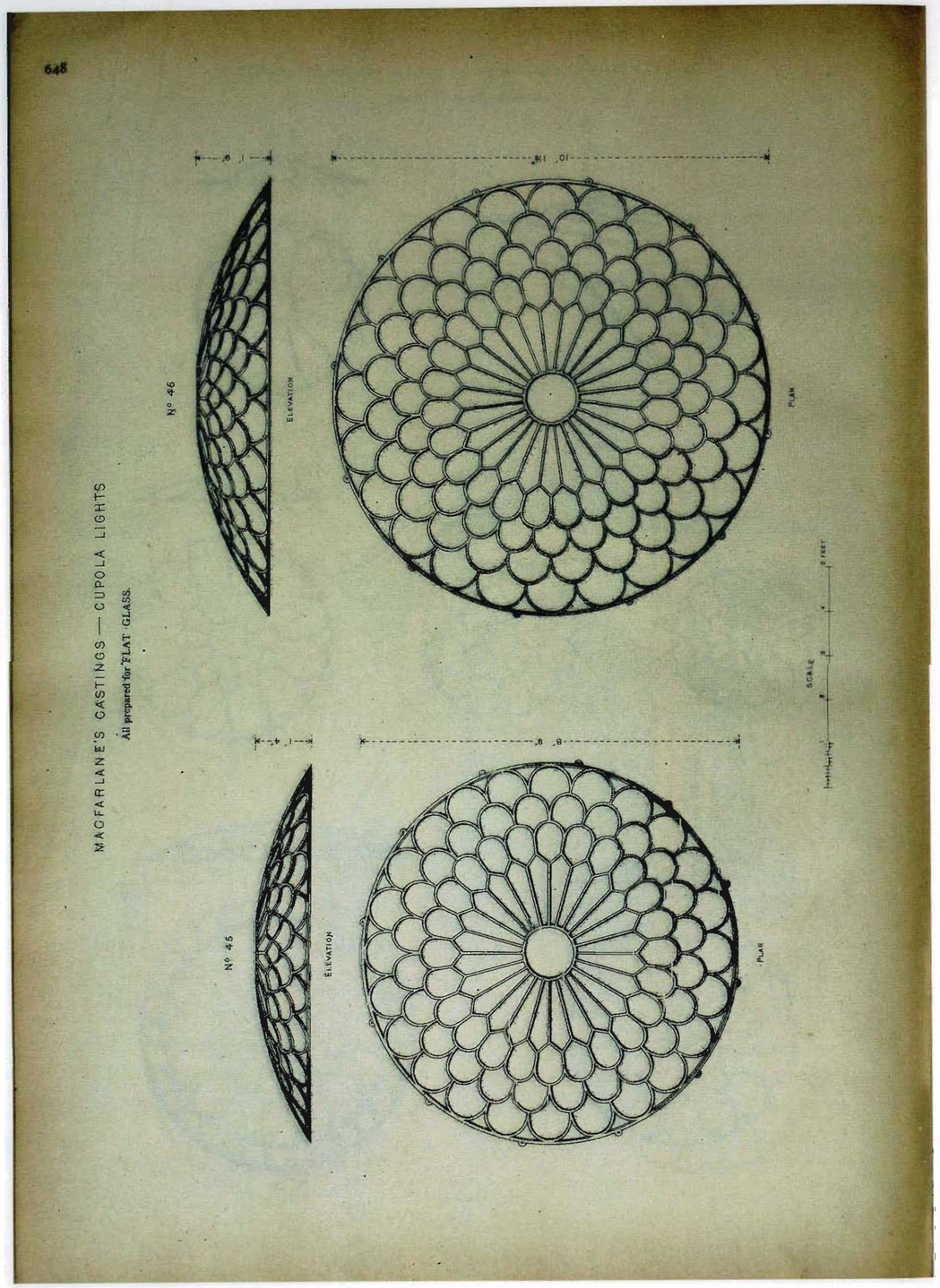


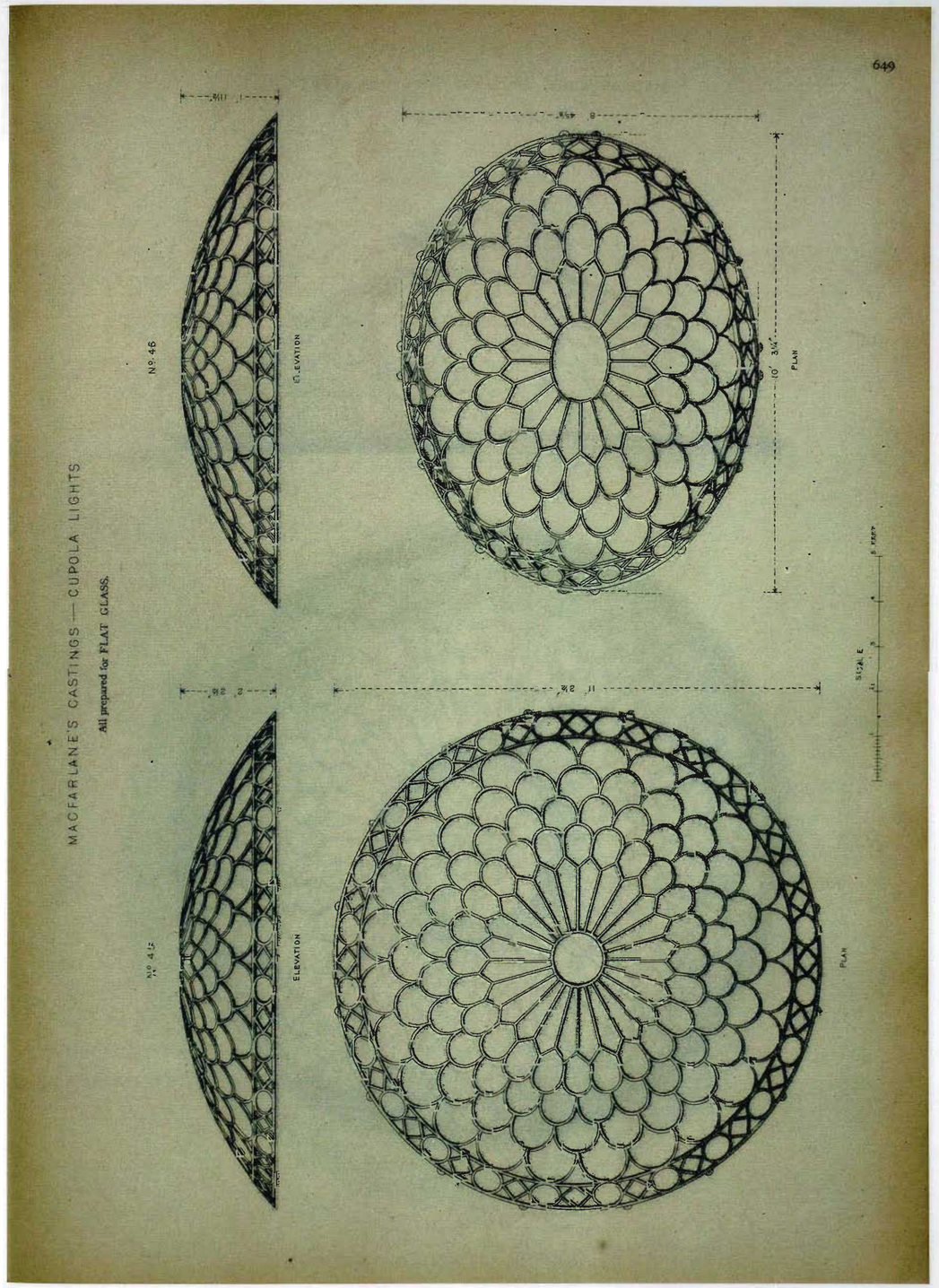
Nº 45



SCALE

2 3 4 5 FEET


648
MACFARLANE'S CASTINGS — CUPOLA LIGHTS
All prepared for FLAT GLASS.
No 46
ELEVATION
PLAN
No 45
ELEVATION
PLAN
SCALE
3 FEET

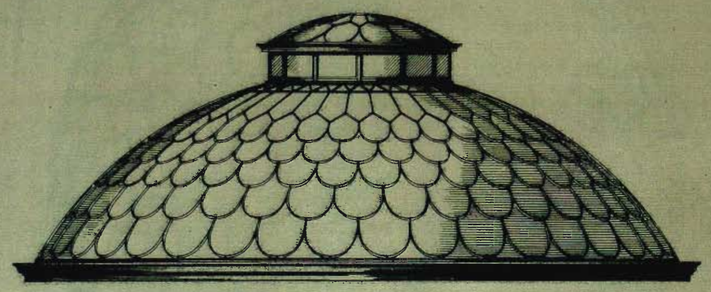

649
MACFARLANE'S CASTINGS — CUPOLA LIGHTS
All prepared for FLAT GLASS.
No 46
ELEVATION
PLAN
No 45
ELEVATION
PLAN
SCALE
3 FEET

650

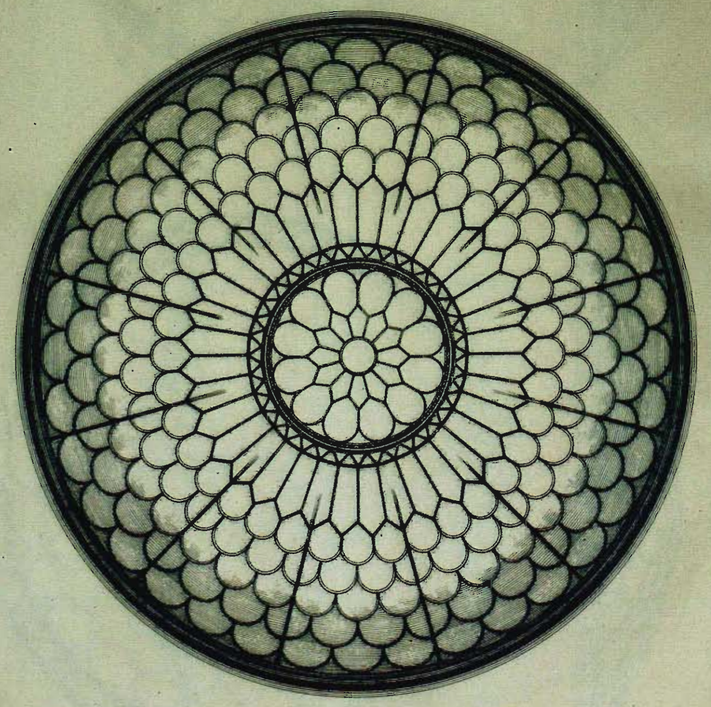
MACFARLANE'S CASTINGS — CUPOLA LIGHTS

All prepared for FLAT GLASS.

Nº 47



ELEVATION



PLAN LOOKING UP

SCALE

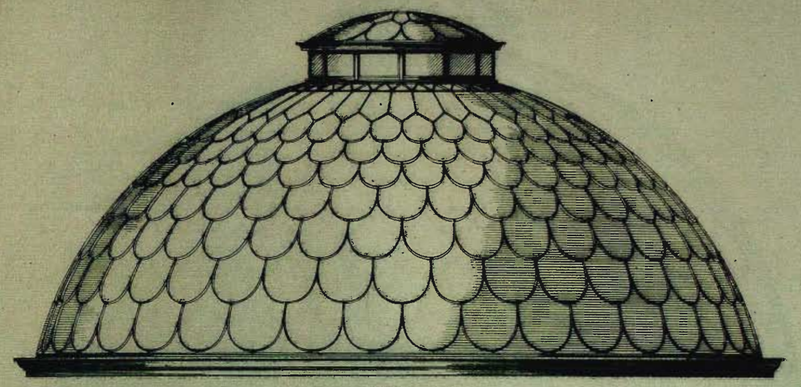
1 2 3 4 5 FEET

MACFARLANE'S CASTINGS — CUPOLA LIGHTS

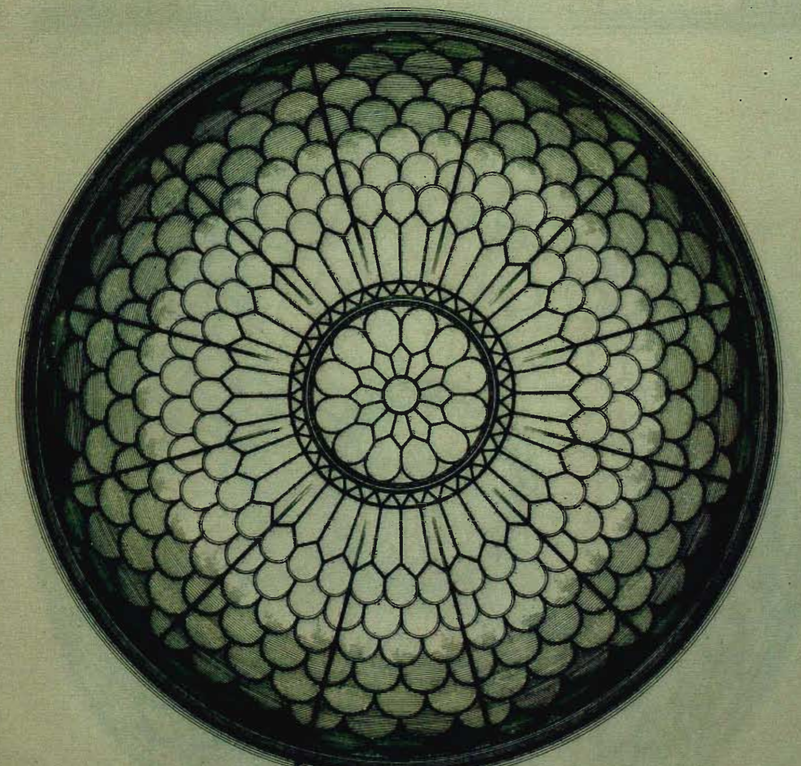
651

All prepared for FLAT GLASS.

Nº 47



ELEVATION



PLAN LOOKING UP

SCALE

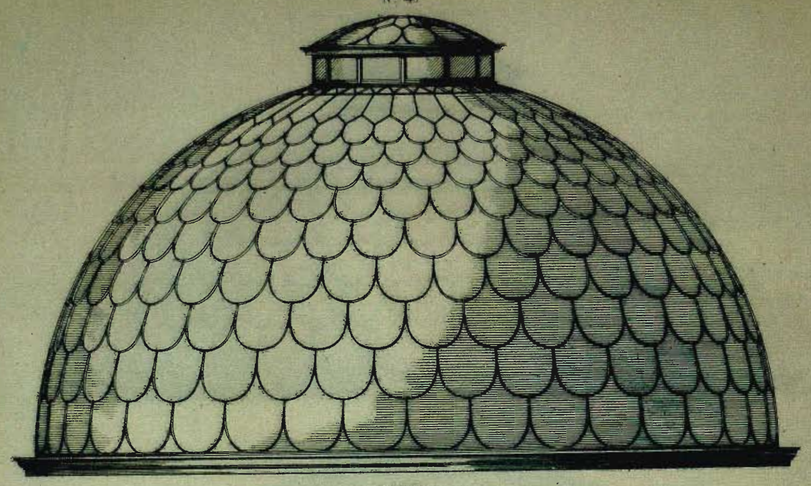
1 2 3 4 5 FEET

652

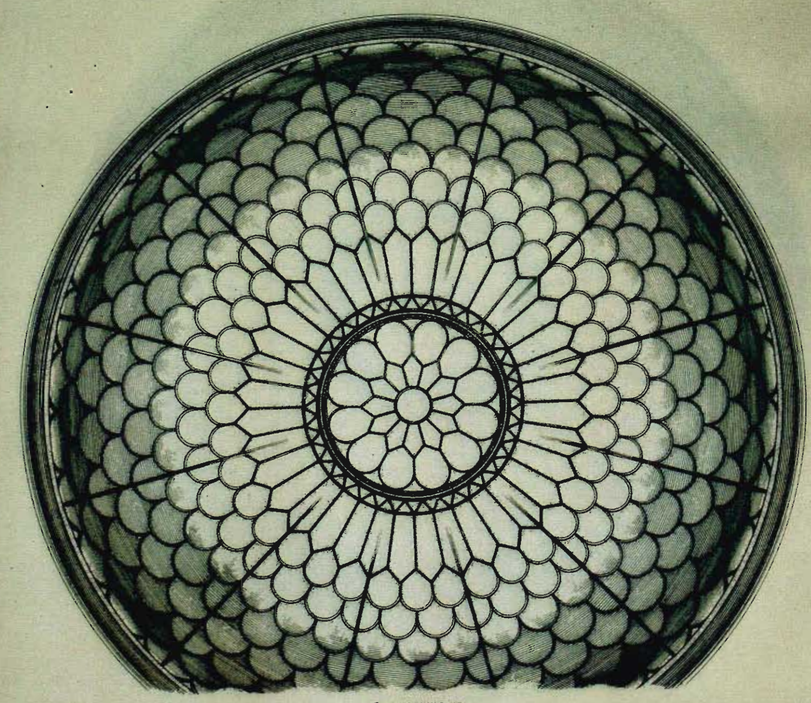
MACFARLANE'S CASTINGS — CUPOLA LIGHTS

All prepared for FLAT GLASS.

N°. 47



ELEVATION



PLAN LOOKING UP

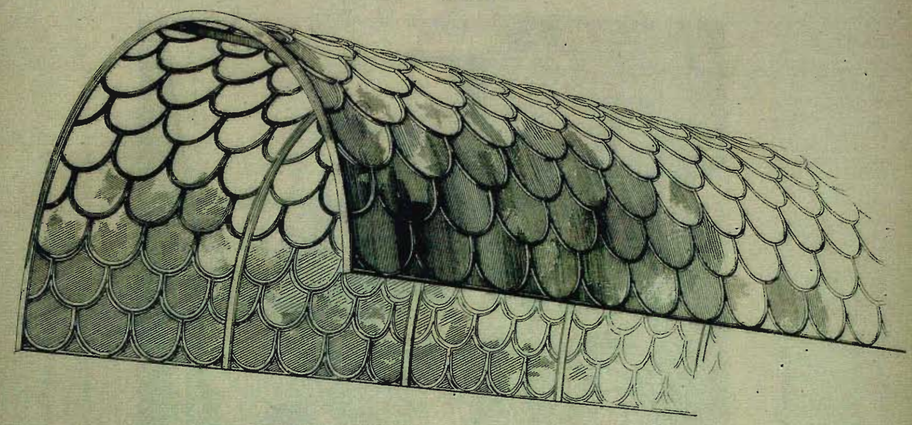
SCALE 1 2 3 4 5 FEET

653

MACFARLANE'S CASTINGS — ARCH AND LEAN-TO ROOFS

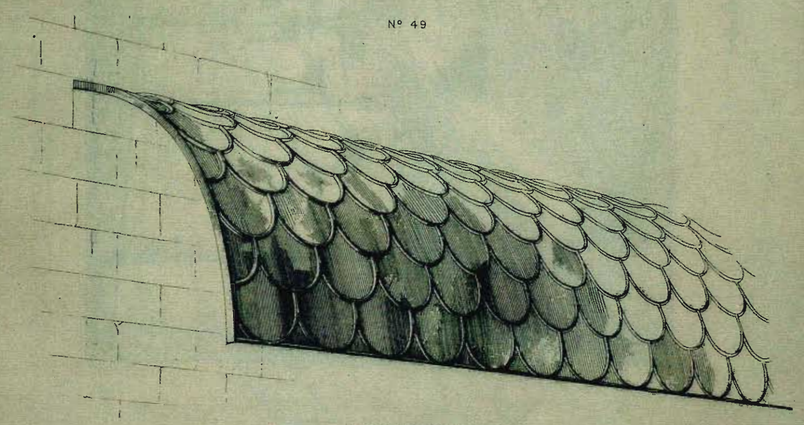
All prepared for FLAT GLASS.

N° 48



8' 0" and 12' 0" spans.

N° 49



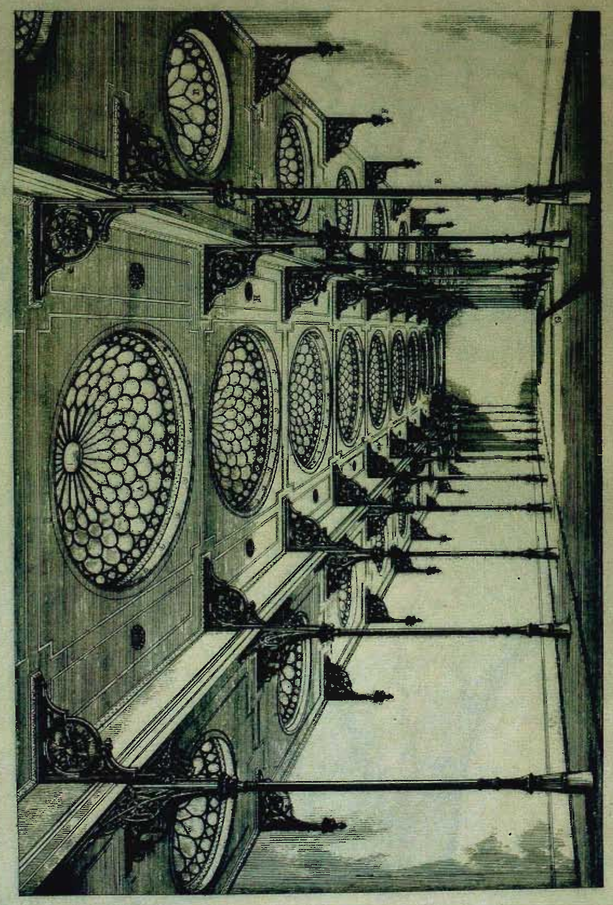
4' 0" and 6' 0" projection.

SCALE 1 2 3 4 5 FEET

MACFARLANE'S CASTINGS — EXAMPLES

No. LXXI.

Application of Ironwork to Saloons, Offices, Halls, &c.



A No. 46 CUPOLA LIGHT 11'9½" DIA.
B No. 46 CUPOLA LIGHT 6'3½" DIA.
C No. 217 BRACKET 2'8"×4'6½".
D No. 63 BRACKET 4'0"×3'6".
E No. 139 COLUMN with BRACKET SHAFT.
F No. 156 CORBEL.
G No. 164 GRATING 1'0".
H No. 754 VENTILATING GRATING 1'1".

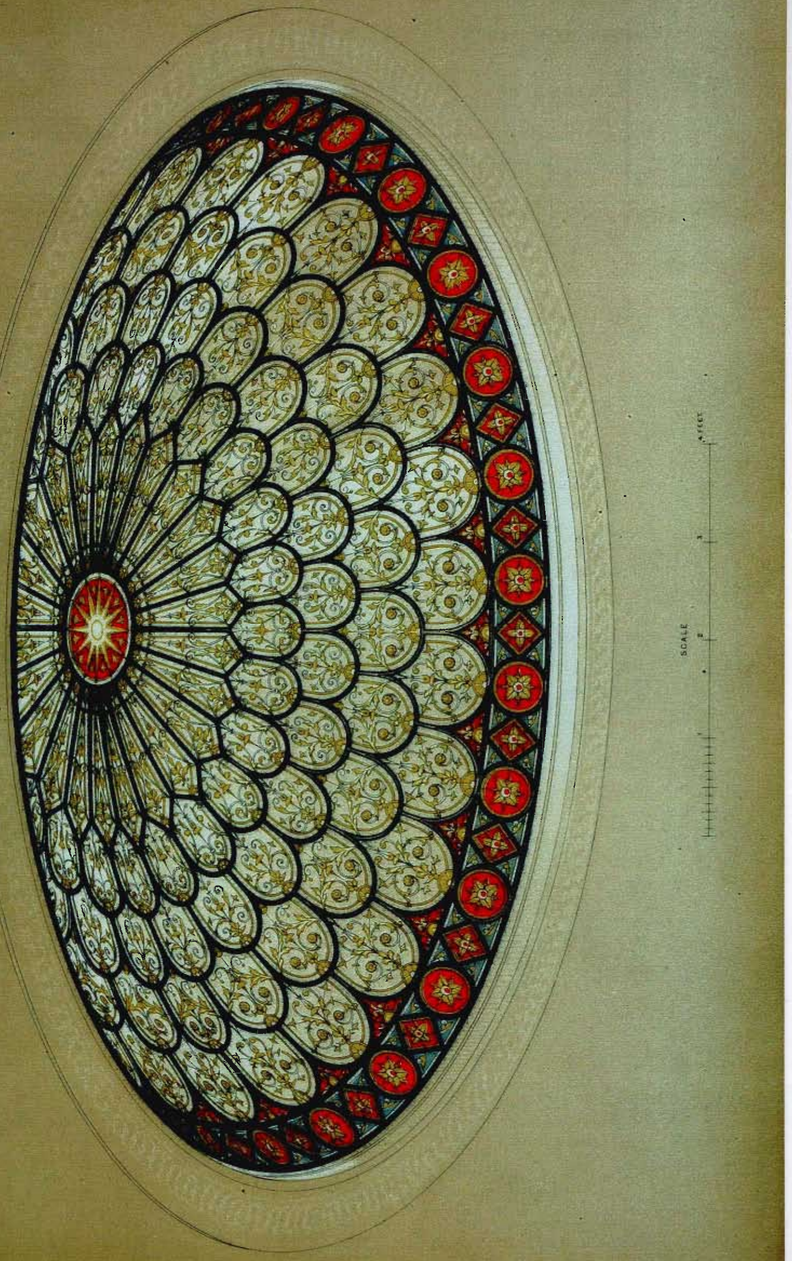
The Cupolas are prepared for *fair glass*. The centre panes I may be arranged to open for Ventilation and to suspend Lights.

MACFARLANE'S CASTINGS — EXAMPLES

No. LXXII.

No. 45 Cupola Lights with ornamental stained glass.

Beautiful effects can also be obtained by means of simple tinted glass variously arranged.



SCALE

ILLUSTRATION MISSING FROM THE ORIGINAL

SECTION XXIII.—STRUCTURES

FOR BUSINESS PREMISES, SHELTER, REST, SHADE, RECREATION, AND ORNAMENT.

The increasing tendency of population to congregate within confined areas, as in cities and towns, naturally calls for a new class of outdoor arrangements for recreation, in connection with Dwellings, Parks, Gardens, &c. Towards this end we have introduced a class of Structures, the illustrations of which in this Section only indicate to a very limited extent the numerous forms and purposes to which our patterns are adaptable. For assistance in designing other structures or in modifying these to suit special circumstances, refer to the preceding Sections of our Catalogue, which form an immense store of Architectural and Artistic Material of such extensive range in styles and sizes as to meet almost every requirement. The Structures here shown can be adapted to any sizes that may be required.

Please insert in specification "**To be Macfarlane's Castings, from Saracen Foundry, Glasgow,**" to prevent an inferior article being supplied.

Porches, Door Hoods, with Balconies, &c..... pages 657–659
Verandahs, Porticoes, Covered Ways, Colonnades, Recreation Pavilion, Vestibule with Carriage Canopy, &c..... „ 660–669
Wall-Shades, Door and Window Hoods, &c..... „ 669
Bandstands, Pavilions, Summerhouses, Arbours, Kiosks, &c., „ 670–677
Game and Meat Larder, &c..... „ 678
Clock Towers with Lamps, Drinking Fountains, &c..... pages 679–681
Conservatories, Winter Gardens, Floral Halls, Smoking Room, Airing Room, &c..... „ 682–688
Examples — Pavilion, Grand Stand, Semicircular Roof, Aquarium, Fernery, Building Front, Building Decoration, Shop Interior, W. H. Basin Stands, &c..... „ 689–693

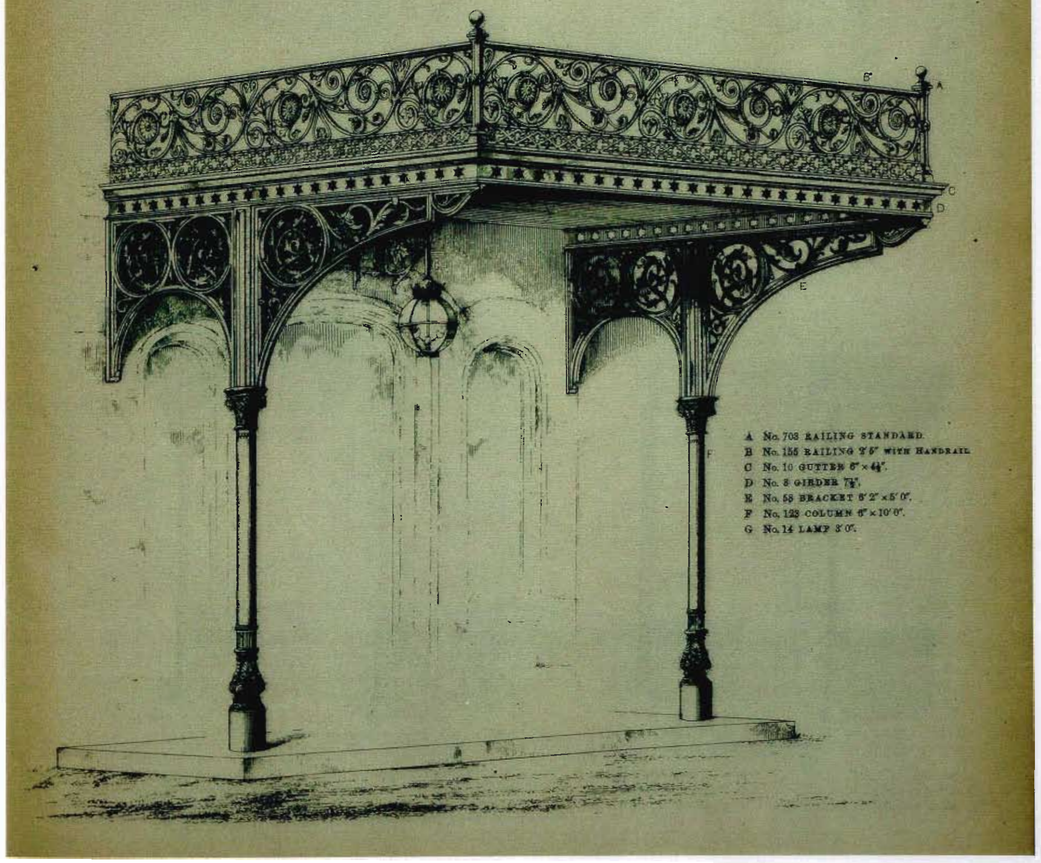
See also Business Fronts, Shops, Arcades, &c., pages 597–599.

DIRECTIONS FOR ORDERING.

Give as full particulars as possible of the purpose and style of the structure required, also of the foundations or building it is to be fixed to, and a rough sketch with all important sizes accurately figured.

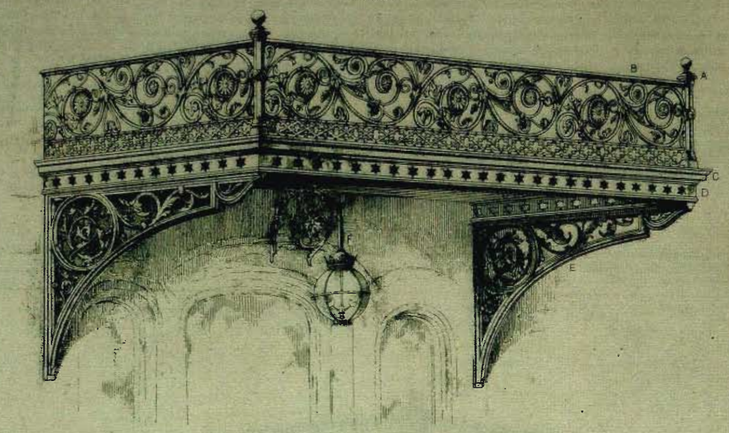
MACFARLANE'S CASTINGS — PORCH WITH BALCONY

Nº 201



MACFARLANE'S CASTINGS — DOOR HOOD WITH BALCONY

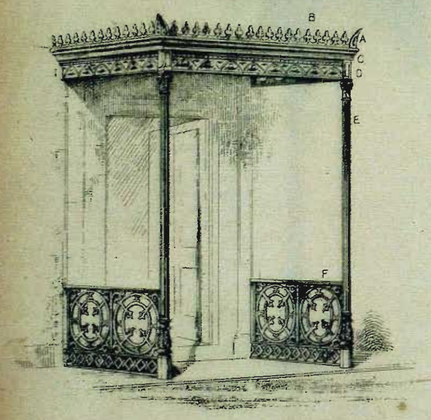
Nº 202



A No. 703 RAILING STANDARD.
B No. 155 RAILING 2'5" WITH HANDRAIL.
C No. 10 GUTTER 6" × 4½".
D No. 3 GIRDER 7½".
E No. 63 BRACKET 6'2" × 5'0".
F No. 14 LAMP 3'0".

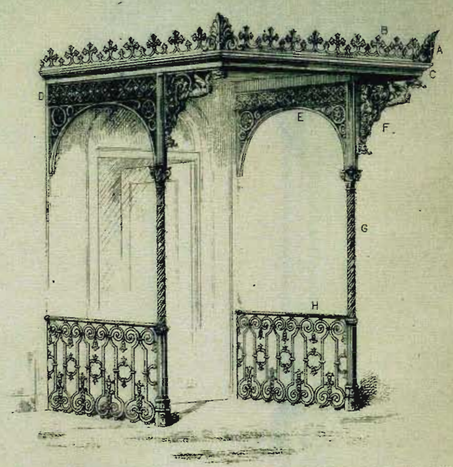
MACFARLANE'S CASTINGS — PORCHES &c

Nº 203



A No. 7 ANTEFIXÆ 7".
B No. 86 CRESTING 5".
C No. 33 GUTTER 5" × 4".
D No. 7 GIEDER 5½".
E No. 108 COLUMN 2½" × 8'6".
F No. 42 RAILING 2'6".

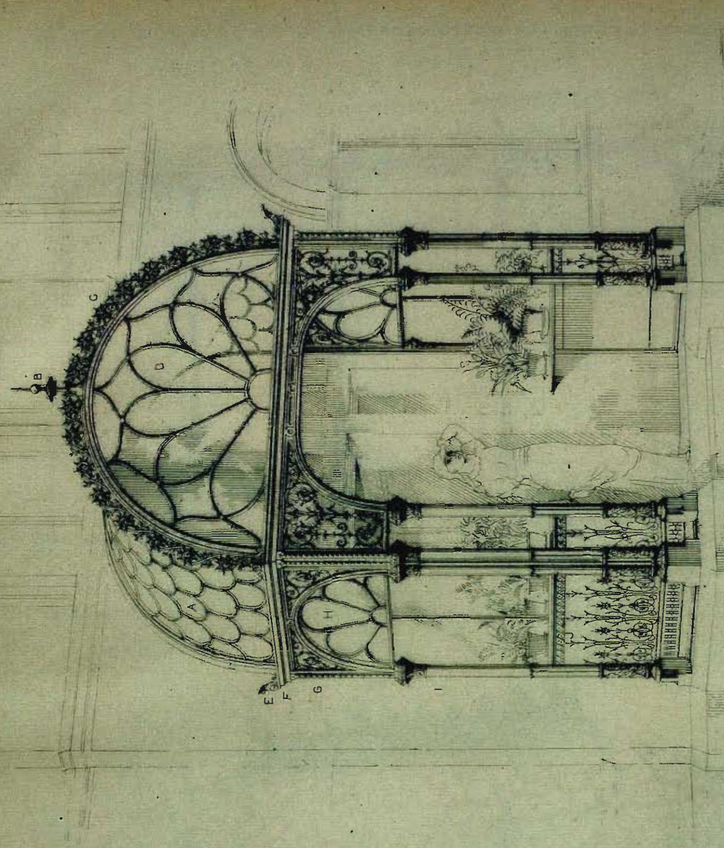
Nº 204



A No. 84 TERMINAL 1'1".
B No. 284 CRESTING 8½".
C No. 50 GUTTER 6" × 4".
D No. 109 FRIEZE RAIL 7½".
E No. 213 SPANDRIL ARCH 3'10½" × 2'2".
F No. 88 BRACKET 1'9½" × 2'8".
G No. 135 COLUMN 3" × 7'0"
H No. 600 BALUSTER 2'10" WITH HANDRAIL

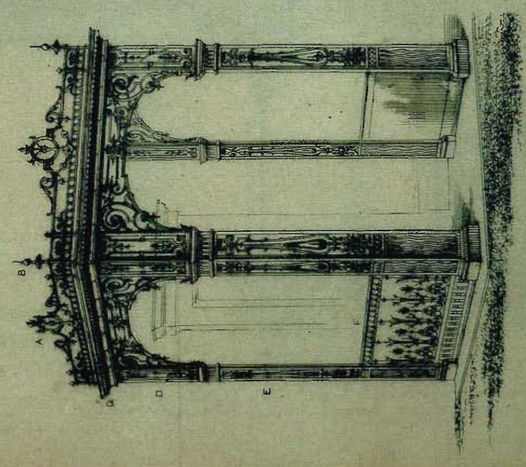
MACFARLANE'S CASTINGS — PORCHES &c

Nº 206



A No. 46 ARCH ROOF PREPARED FOR FLAT GLASS.
B No. 284 TERMINAL 1'6".
C No. 49 CRESTING 12".
D No. 34 SEMICIRCULAR WINDOW.
E No. 92 SEMICIRCULAR WINDOW.
F No. 10 GUTTER 6" × 4½".
G No. 180 SPANDRIL ARCH.
H No. 92 SEMICIRCULAR WINDOW.
I No. 135 COLUMN 3".
J No. 2 DADO PLATE.

Nº 205



A No. 109 BALCONY RAILING 1'9".
B No. 284 TERMINAL 11".
C No. 101 GUTTER 5" × 4½".
D No. 128 SPANDRIL ARCH.
E No. 1 PILASTER.
F No. 2 DADO PLATE WITH HANDRAIL.

MACFARLANE'S CASTINGS — VERANDAH PORTICO COVERED WAY COLONNADE &c

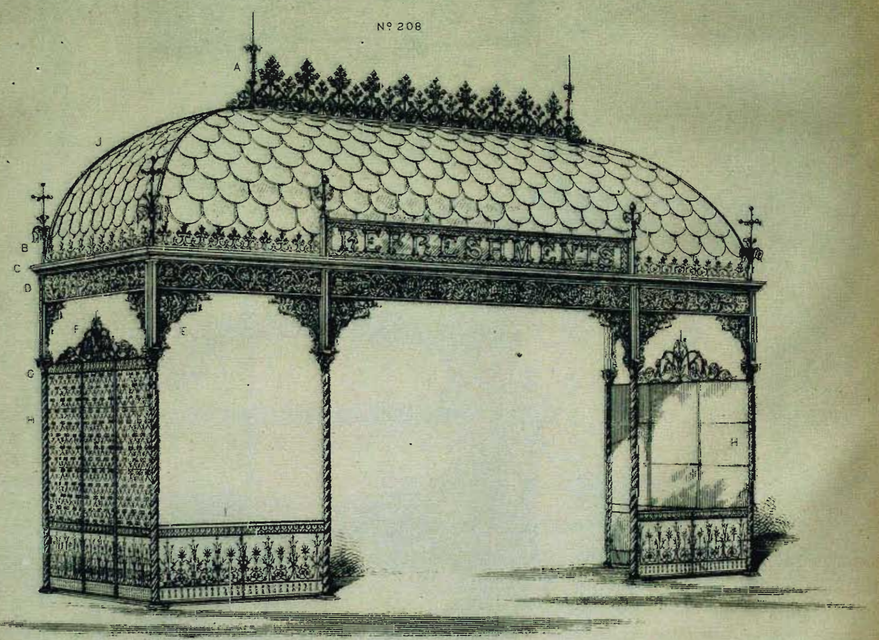
Nº 207



A No. 7 ANTEFIXÆ 7".
B No. 86 CRESTING 6".
C No. 33 GUTTER 5"×4".
D No. 7 GIRDER 5¼".
E No. 108 COLUMN 2½"×8'6".

MACFARLANE'S CASTINGS — VERANDAH, REFRESHMENT STALL, WAITING ROOM &c

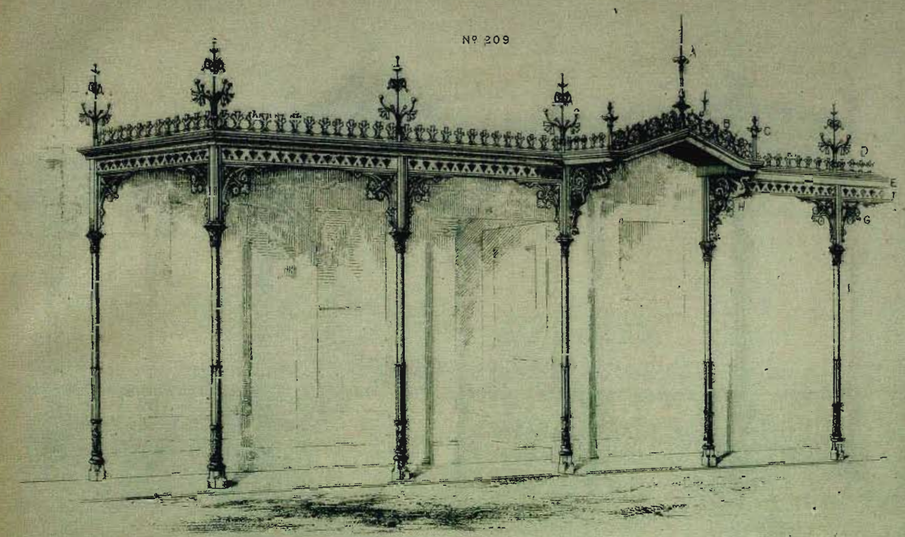
Nº 208



A No. 34 CRESTING 2'2" WITH No. 30 TERMINALS.
B No. 384 CRESTING 9¼" WITH No. 34 TERMINALS.
C GUTTER CORNICE.
D No. 38 FRIEZE RAIL 1'1¼".
E No. 68 BRACKET 1'9½"×2'3".
F No. 144 TERMINAL 2'6"×5'9".
G No. 138 COLUMN 3".
H No. 2 SCREEN PLATES.
I No. 2 DADO PLATE WITH HANDRAIL.
J No. 48 ARCH ROOF FOR FLAT GLASS.
K No. 1 SIGN LETTERS WITH FRAME.

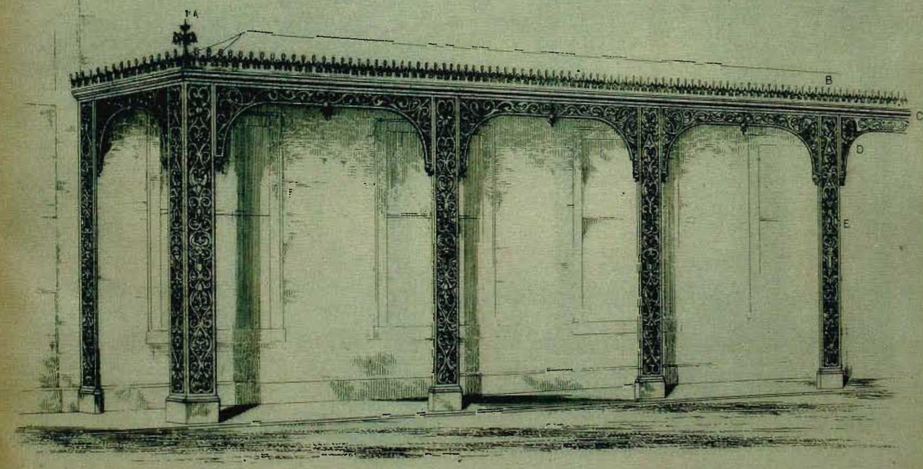
MACFARLANE'S CASTINGS — VERANDAHS, PORTICOS, COVERED WAYS, COLONNADES &c

Nº 209



A No. 30 TERMINAL 3'0".
B No. 479 CRESTING 7½".
C No. 190 TERMINAL.
D No. 35 CRESTING 6".
E No. 50 GUTTER 6"×4".
F No. 2 GIRDER.
G No. 31 BRACKET 1'8½"×1'6½".
H No. 68 BRACKET 1'9½"×2'3".
I No. 116 COLUMN 3"×7'0".

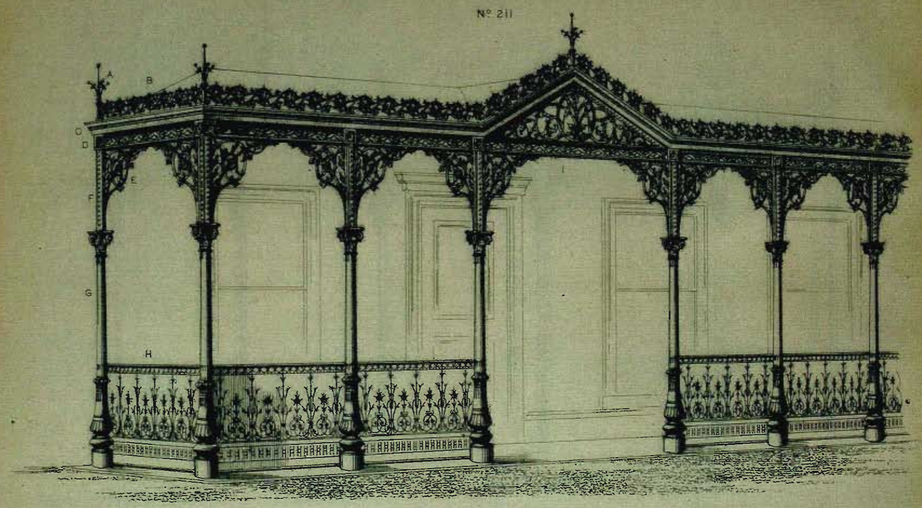
Nº 210



A No. 31 TERMINAL 1'0".
B No. 13 CRESTING 6½".
C No. 10 GUTTER 4½"×3½".
D No. 54 SPANDRIL ARCH.
E No. 2 PILASTER 8".

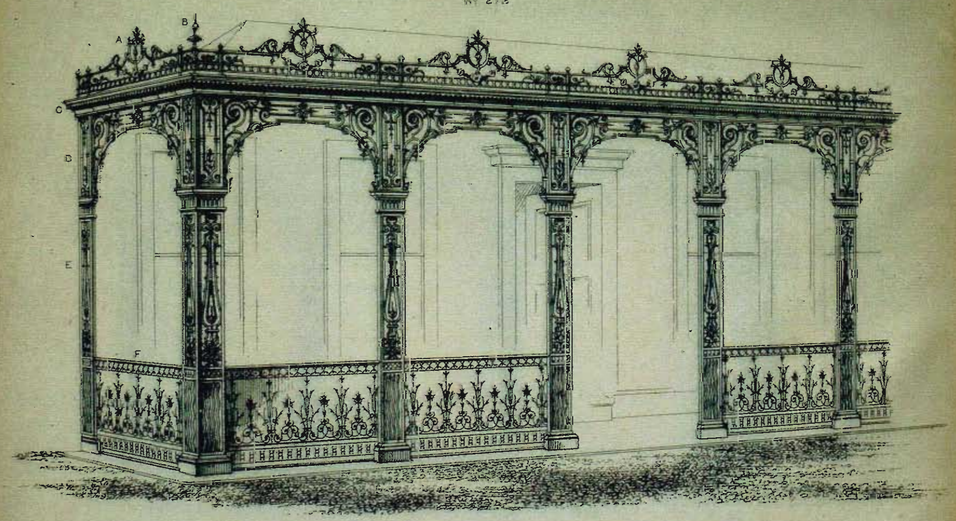
MACFARLANE'S CASTINGS — VERANDAHS, PORTICOS, COVERED WAYS, &c

No 211



A No. 90 TERMINAL 2'1".
B No. 439 CRESTING 9".
C No. 10 GUTTER 6" × 4½".
D No. 7 GIRDER 5½".
E No. 53 BRACKET 2'6" × 2'4".
F No. 1 SPANDRIL SHAFT.
G No. 131 COLUMN 4" × 7'0".
H No. 2 DADO PLATE 3'0" WITH HANDRAIL.
I No. 891 TRIANGULAR PANEL 7'1½" × 1'9½".

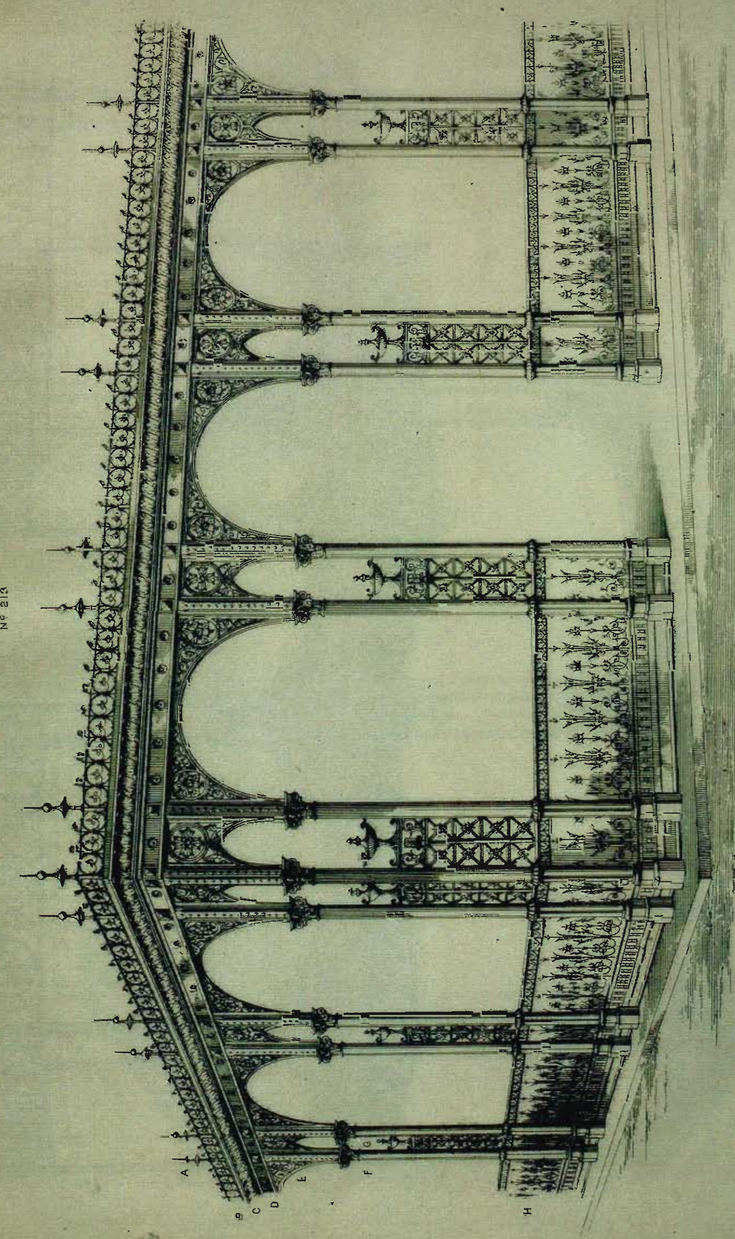
No 213



A No. 1089 BALCONY RAILING 1'9".
B No. 294 TERMINAL 11".
C No. 101 GUTTER 6" × 4½".
D No. 158 SPANDRIL ARCH.
E No. 1 PILASTER.
F No. 2 DADO PLATE WITH HANDRAIL.

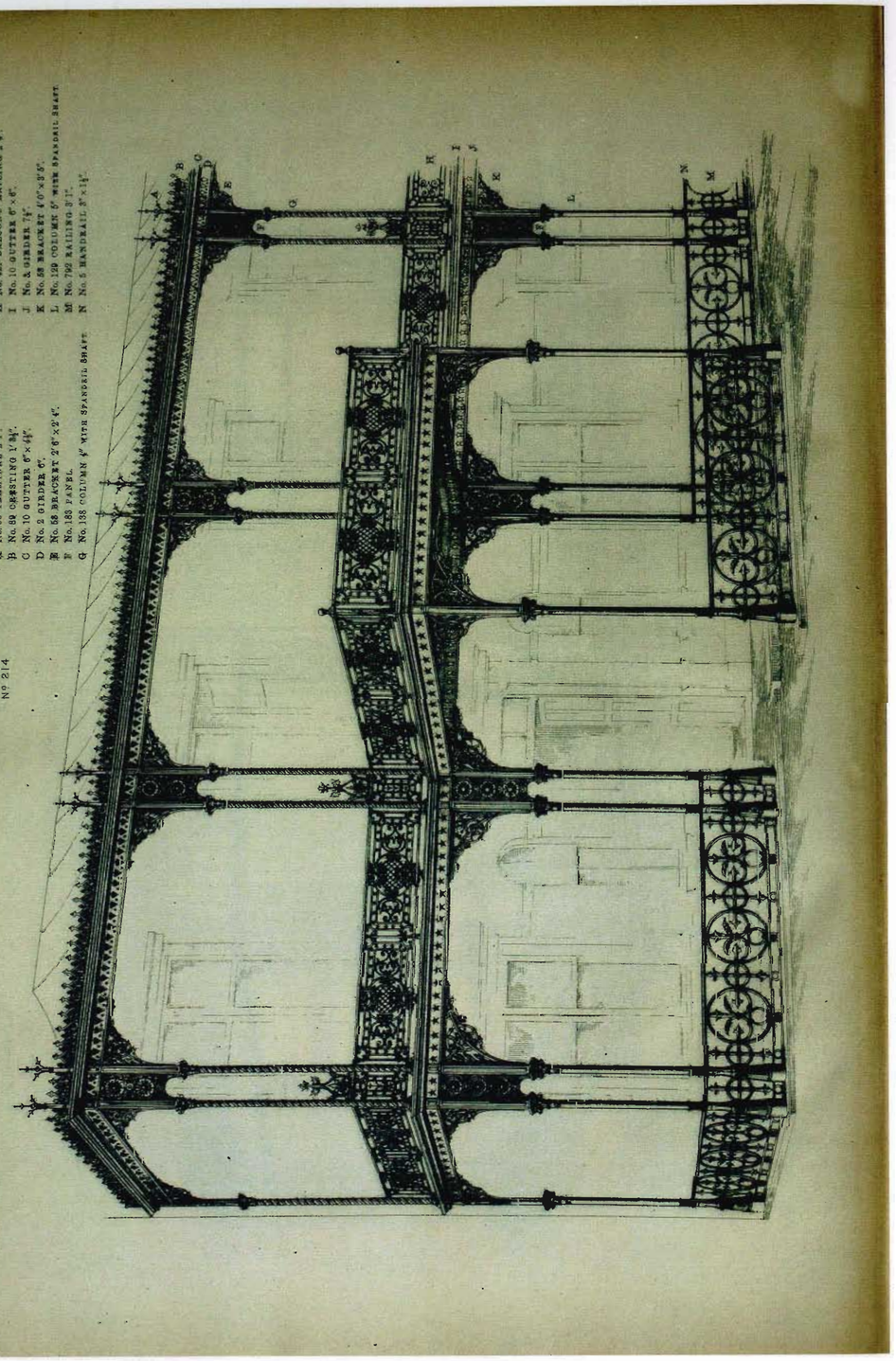
MACFARLANE'S CASTINGS — VERANDAH, PORTICO, COLONNADE, RECREATION PAVILION, &c

No 213



A No. 193 TERMINAL 1'6".
B No. 1075 RAILING 11½".
C No. 91 GUTTER 8" × 6".
D FRIEZE GIRDER WITH BRACKETS.
E No. 37 SPANDRIL ARCH 8'2" × 3'0".
F No. 134 COLUMN 4" × 8'6".
G No. 97 RAILING STANDARD.
H No. 2 DADO PLATE 3'0" WITH HANDRAIL.

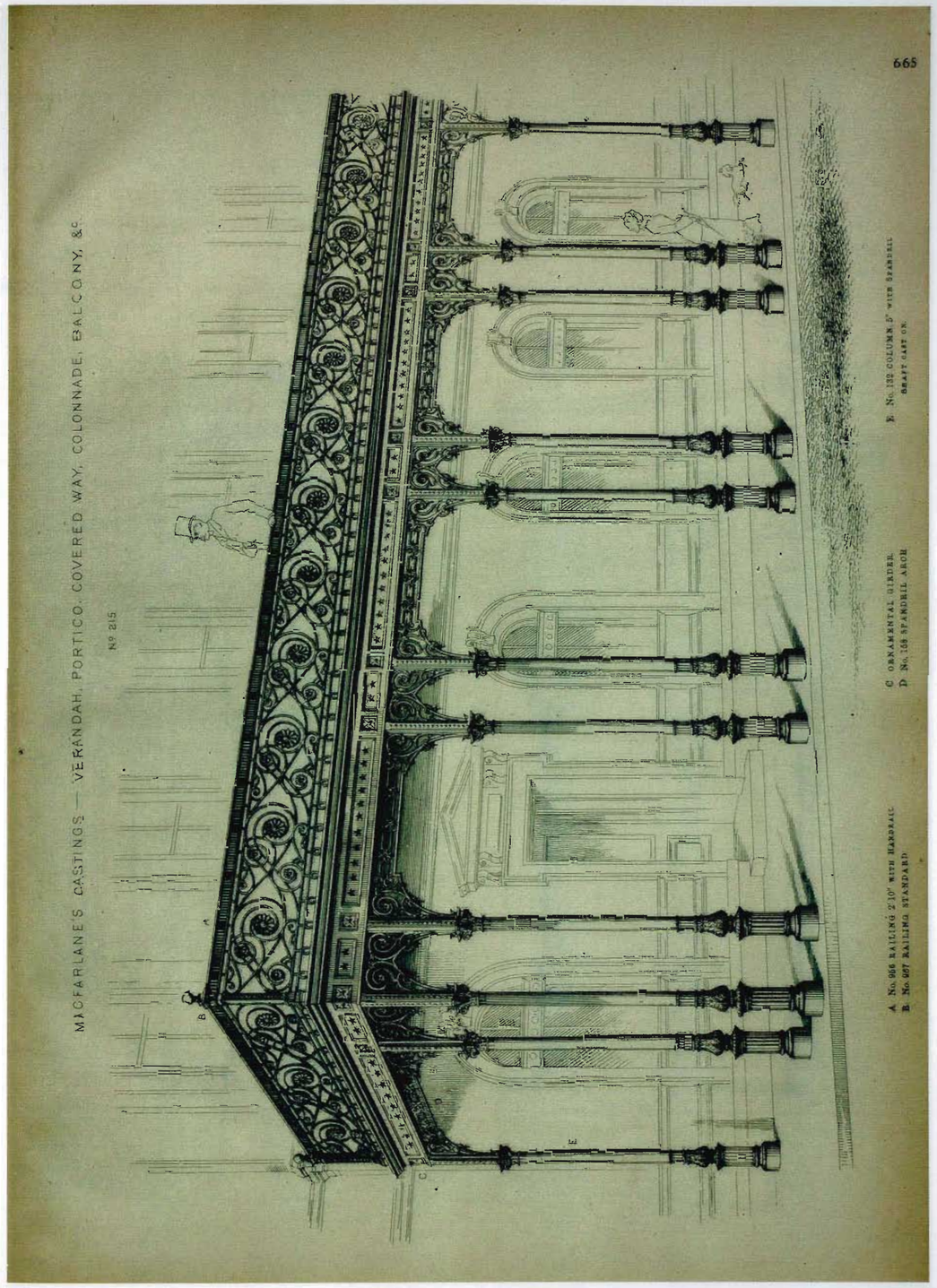
MACFARLANE'S CASTINGS — VERANDAH, PORTICO, CARRIAGE CANOPY AND BALCONY



Nº 214

A No. 90 TERMINAL 2'1".
B No. 89 CRESTING 1'8½".
C No. 10 GUTTER 6"×4½".
D No. 2 GIRDER 6".
E No. 68 BRACKET 2'6"×2'6".
F No. 183 PANEL.
G No. 138 COLUMN 4" WITH SPANDRIL SHAFT.
H No. 62 BALCONY RAILING 2'6".
I No. 10 GUTTER 6"×6".
J No. 2 GIRDER 7½".
K No. 68 BRACKET 1'6"×2'6".
L No. 139 COLUMN 5" WITH SPANDRIL SHAFT.
M No. 792 RAILING 3'1".
N No. 5 HANDRAIL 3"×1½".

MACFARLANE'S CASTINGS — VERANDAH, PORTICO, COVERED WAY, COLONNADE, BALCONY, &c.



Nº 215

A No. 966 RAILING 2'10" WITH HANDRAIL.
B No. 967 RAILING STANDARD.
C ORNAMENTAL GIRDER.
D No. 156 SPANDRIL ARCH.
E No. 139 COLUMN 5" WITH SPANDRIL SHAFT CAST ON.

MACFARLANE'S CASTINGS — VERANDAH,



PORTICO, COVERED WAY, COLONNADE &c

A No. 169 TERMINAL 8'9".
B No. 180 TERMINAL 1'10".
C No. 11 HANDRAIL 8" × 5¼".
D No. 246 RAILING 1'1".
E BASE RAIL.
F No. 10 GUTTER 10" × 6".
G No. 89 BRACKET 6" × 1'4".
H ORNAMENTAL FACIA.
I No. 3 GIRDER 7¼".
J No. 51 SPANDRIL ARCH 6'1¾" × 4'5".
K No. 132 COLUMN 5" 3RD H SPANDRIL SHAFT CAST ON.
L No. 234 PENDANT LANTERN 24".

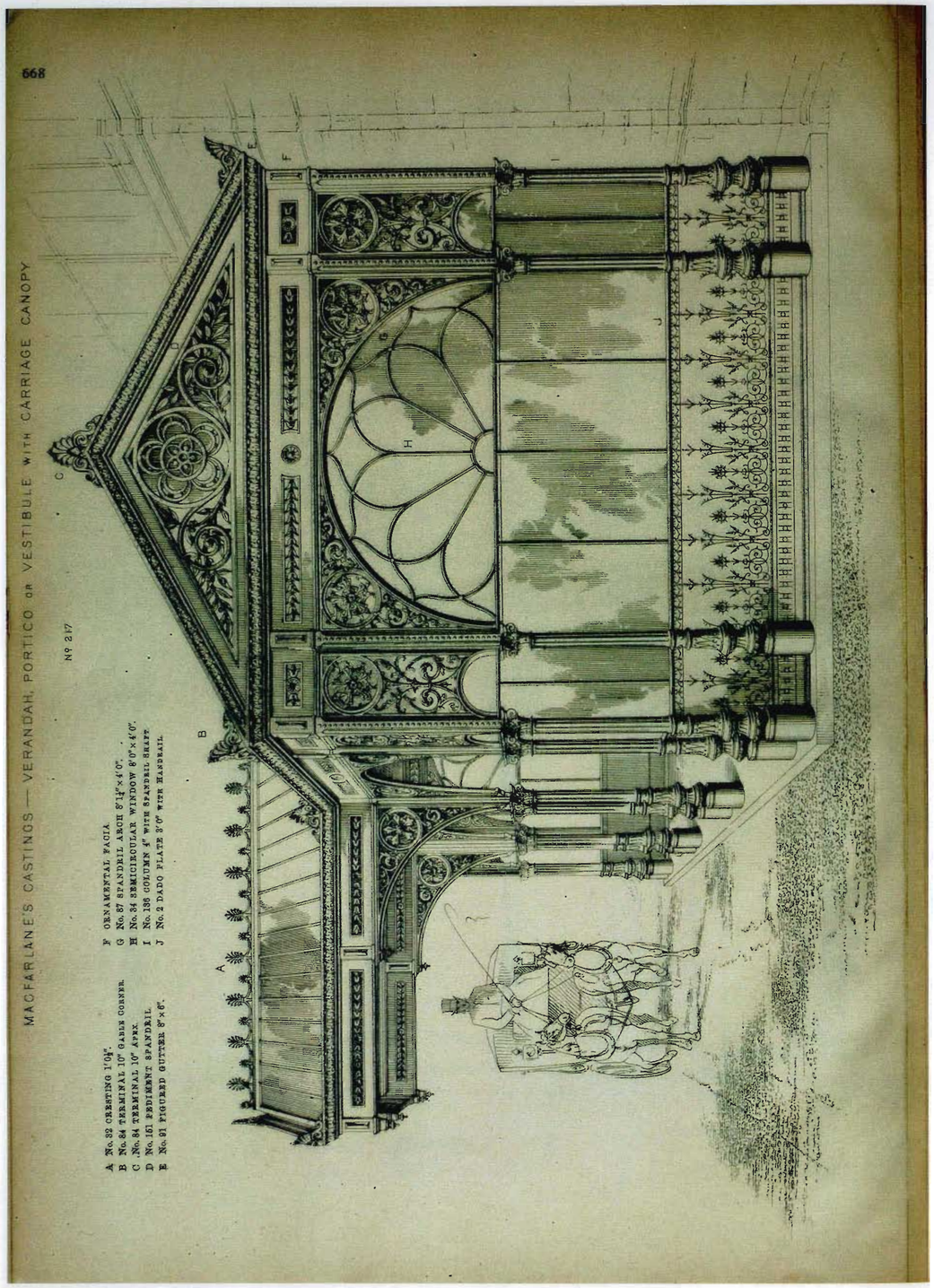


668

MACFARLANE'S CASTINGS — VERANDAH, PORTICO OR VESTIBULE WITH CARRIAGE CANOPY

Nº 217

A No. 83 CRESTING 1'04".
B No. 84 TERMINAL 10" EAVES CORNER.
C No. 84 TERMINAL 10" APEX.
D No. 161 PEDIMENT SPANDRIL.
E No. 91 FIGURED GUTTER 8"×6".
F ORNAMENTAL FACIA
G No. 87 SPANDRIL ARCH 5'4"×4'0".
H No. 84 SEMICIRCULAR WINDOW 8'0"×4'0".
I No. 136 COLUMN 4" WITH SPANDRIL BRACKET.
J No. 2 DADO PLATE 2'0" WITH BALUSTRADE.



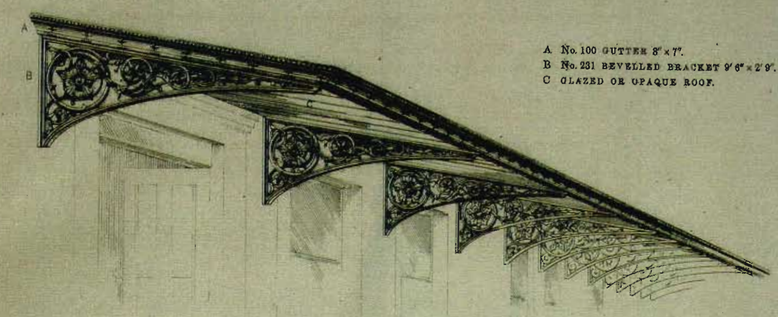
669

MACFARLANE'S CASTINGS — WALL SHADES, COVERED WAYS, DOOR AND WINDOW HOODS, &c

These can be made of any length, also in single bays for Entrance, Door and Window Hoods, and any width between the brackets. The roofs may either be glazed or opaque as desired.

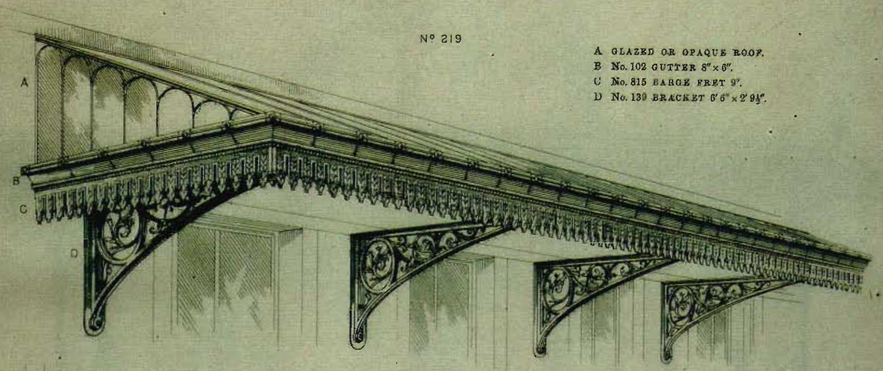
Nº 218

A No. 100 GUTTER 8"×7".
B No. 231 BEVELLED BRACKET 9'6"×2'9".
C GLAZED OR OPAQUE ROOF.



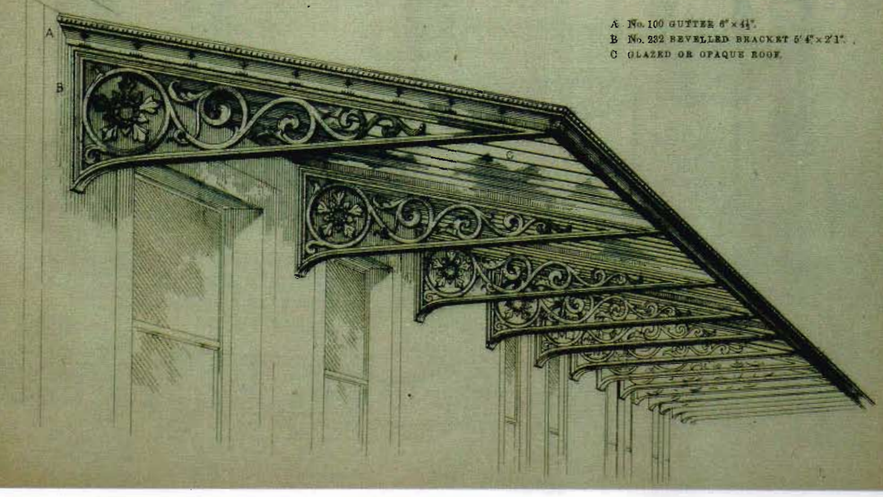
Nº 219

A GLAZED OR OPAQUE ROOF.
B No. 102 GUTTER 8"×6".
C No. 815 BARGE FRET 9".
D No. 139 BRACKET 5'6"×2'9½".



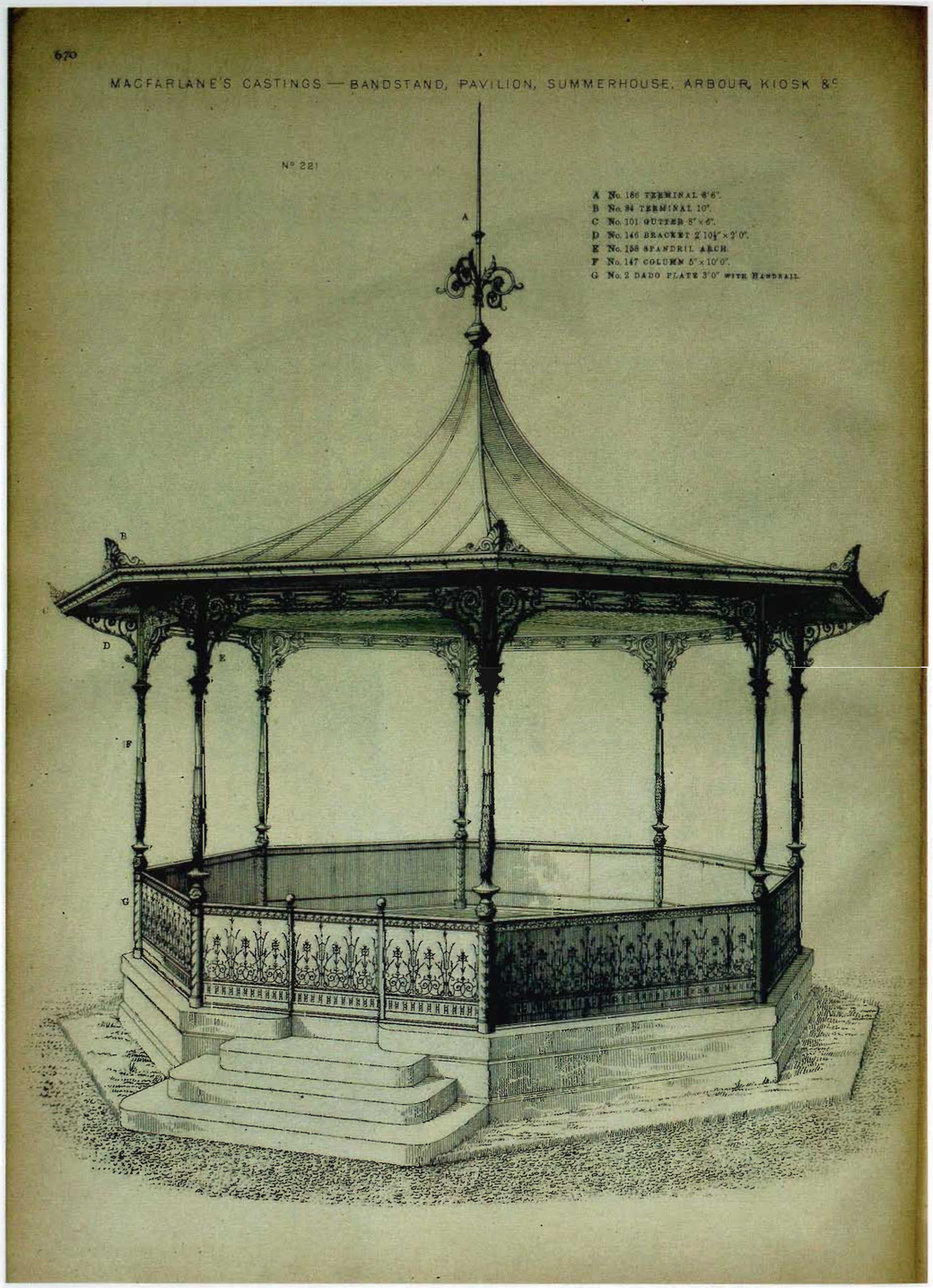
Nº 220

A No. 100 GUTTER 6"×4½".
B No. 232 BEVELLED BRACKET 5'4"×2'1".
C GLAZED OR OPAQUE ROOF.



MACFARLANE'S CASTINGS — BANDSTAND, PAVILION, SUMMERHOUSE, ARBOUR, KIOSK &c

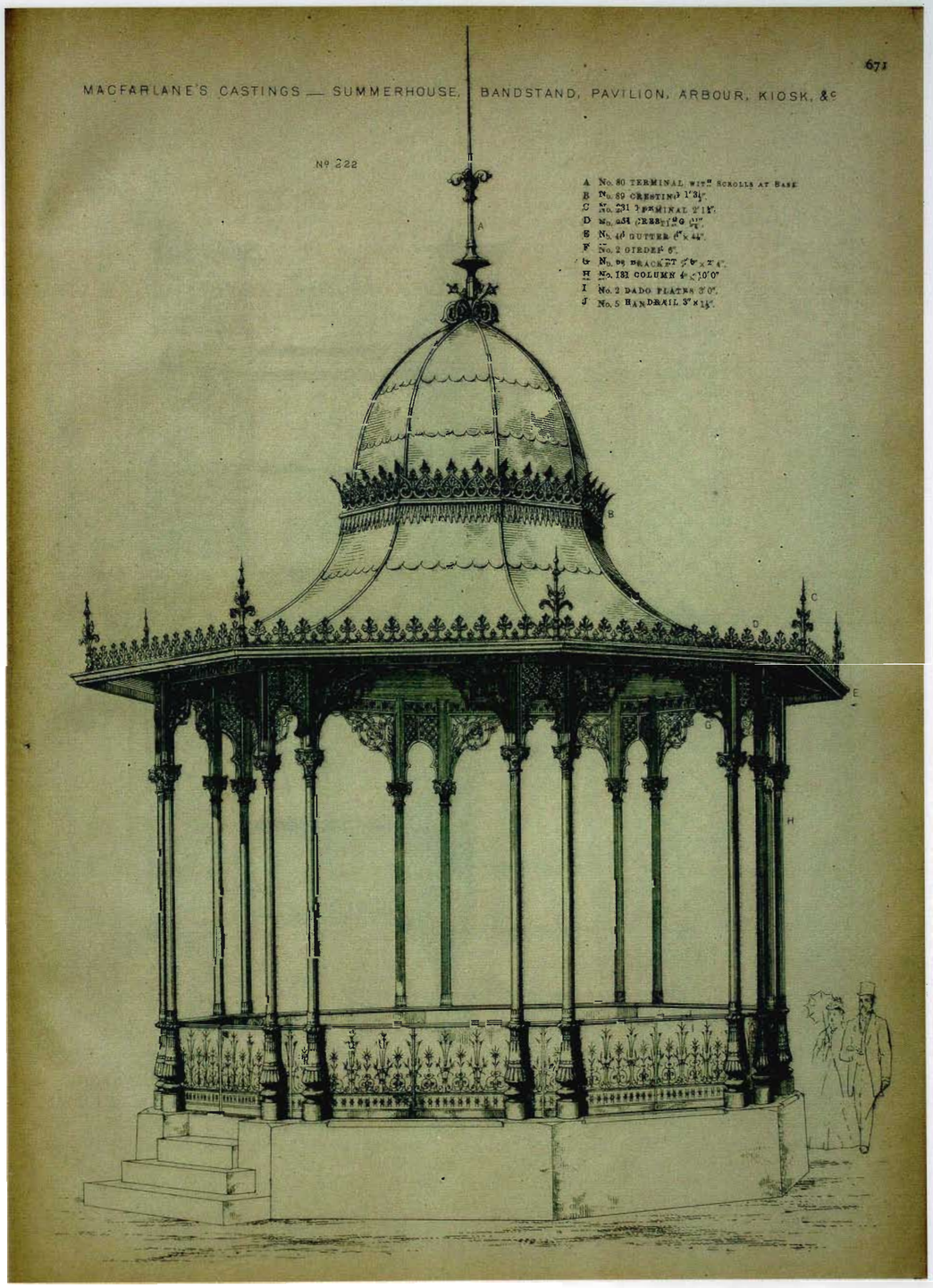
Nº 221



A No. 186 TERMINAL 8'6".
B No. 84 TERMINAL 10".
C No. 101 GUTTER 8"×6".
D No. 146 BRACKET 2'10½"×2'0".
E No. 138 SPANDRIL ARCH.
F No. 147 COLUMN 5"×10'0".
G No. 2 DADO PLATE 3'0" WITH HANDRAIL.

MACFARLANE'S CASTINGS — SUMMERHOUSE, BANDSTAND, PAVILION, ARBOUR, KIOSK, &c

Nº 222



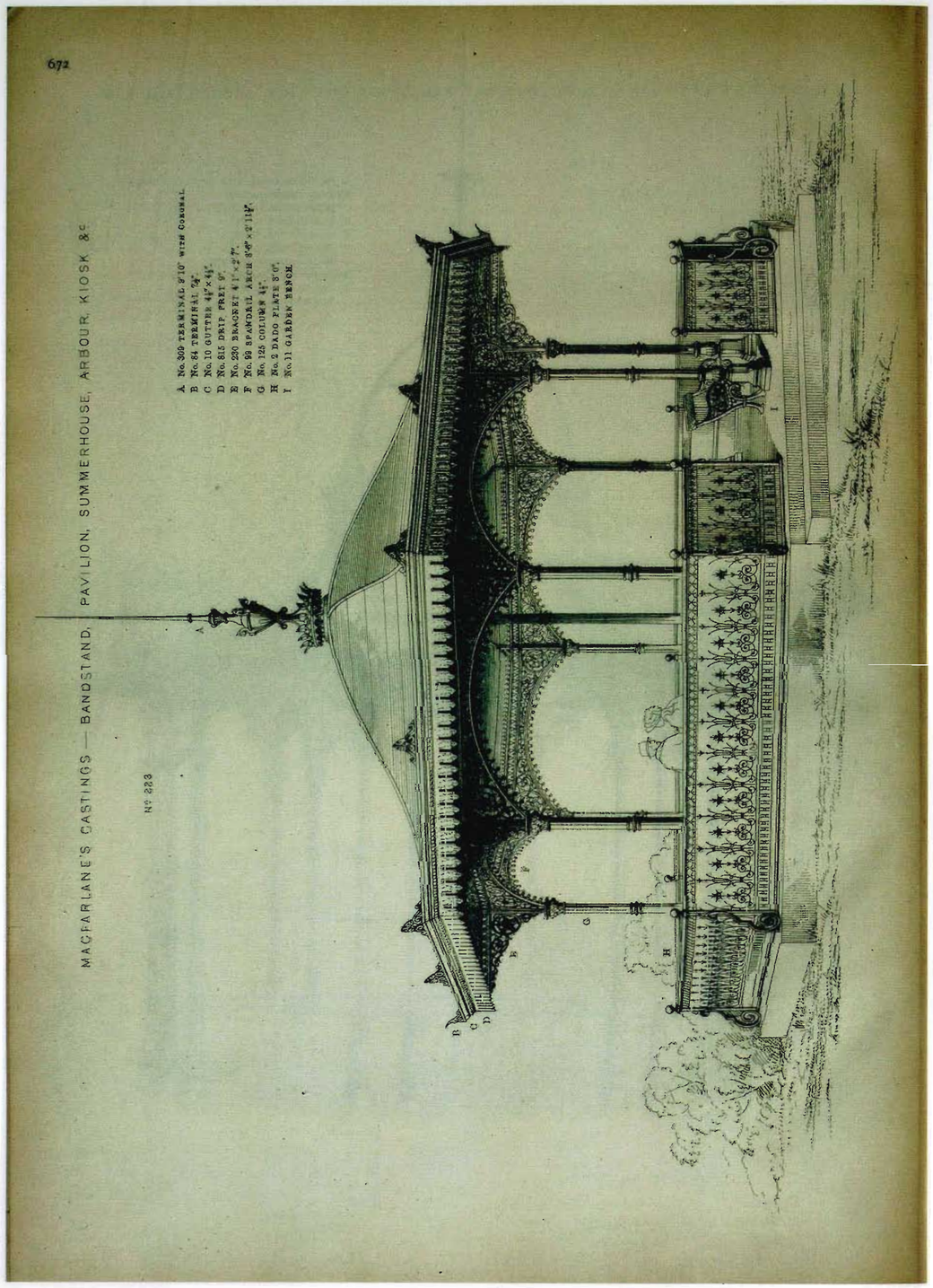
A No. 80 TERMINAL WITH SCROLLS AT BASE
B No. 89 CRESTING 1'3½"
C No. 231 TERMINAL 2'1½"
D No. 258 CRESTING 1'0"
E No. 40 GUTTER 6"×4½"
F No. 2 GIRDER 6".
G No. 98 BRACKET 3'6"×2'4".
H No. 181 COLUMN 4"×10'0"
I No. 2 DADO PLATES 3'0".
J No. 5 HANDRAIL 3"×1½".

672

MACFARLANE'S CASTINGS — BANDSTAND, PAVILION, SUMMERHOUSE, ARBOUR, KIOSK, &c

A No.309 TERMINAL 9'10" with CORONAL
B No.64 TERMINAL 9'0"
C No.10 GUTTER 4½"x4½"
D No.815 DRIP PREY 9"
E No.299 BRACKET 4'1"x2'7"
F No.99 SPANDRIL ARCH 5'0"x2'11½"
G No.125 COLUMN 4'0"
H No.2 DADO PLATE 5'0"
I No.31 GARDEN BENCH

Nº 223



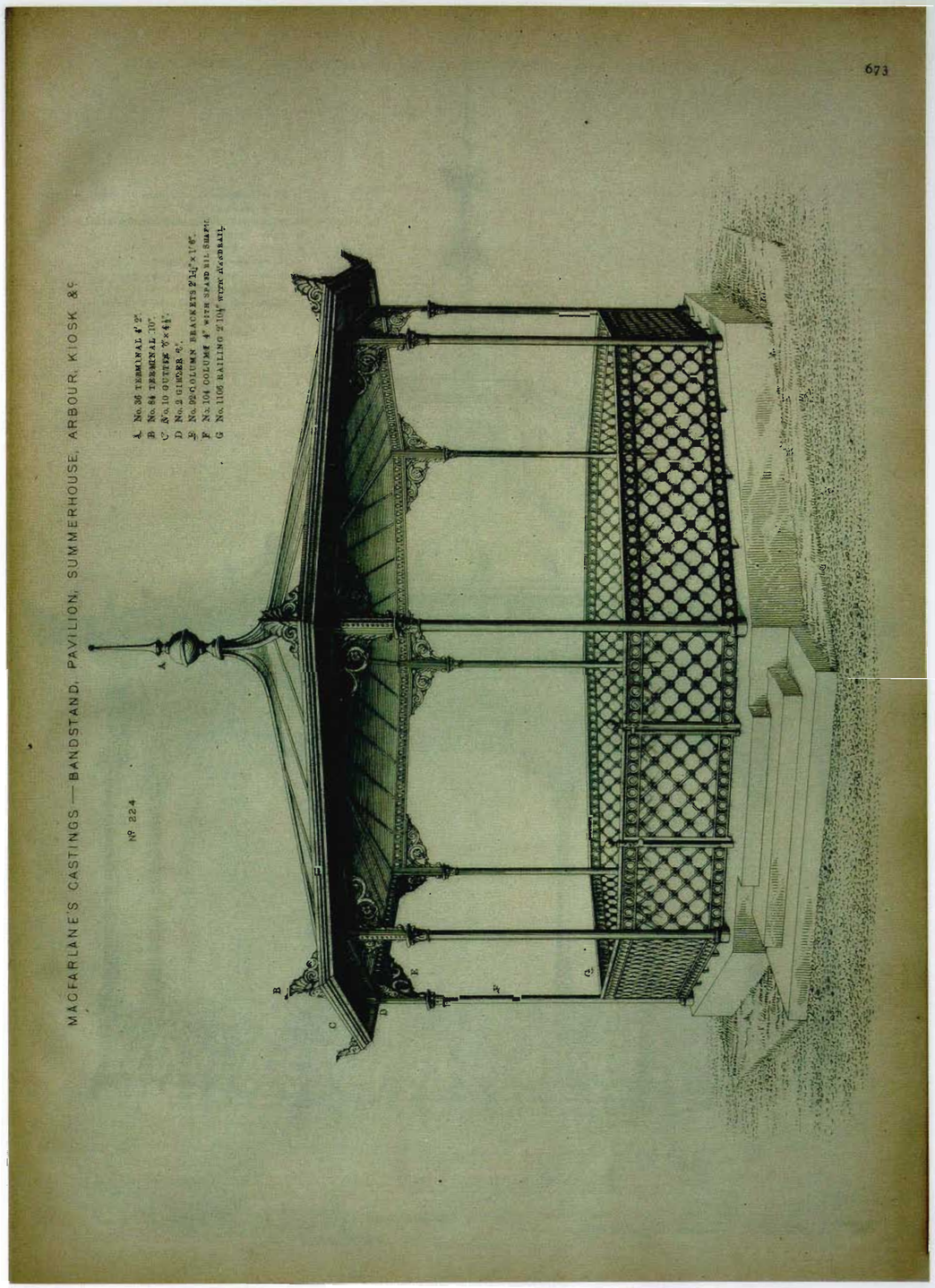
672

673

MACFARLANE'S CASTINGS — BANDSTAND, PAVILION, SUMMERHOUSE, ARBOUR, KIOSK &c

A No.36 TERMINAL 8'9"
B No.64 TERMINAL 10"
C &No.10 GUTTER 9"x4½"
D No.2 GUARD &c.
E No.824 COLUMN BRACKETS 2'1½"x1'6"
F No.104 COLUMN 4" with SPAND RIL SHAPE
G No.1106 RAILING 2'10½" with DISCOBALL

Nº 224



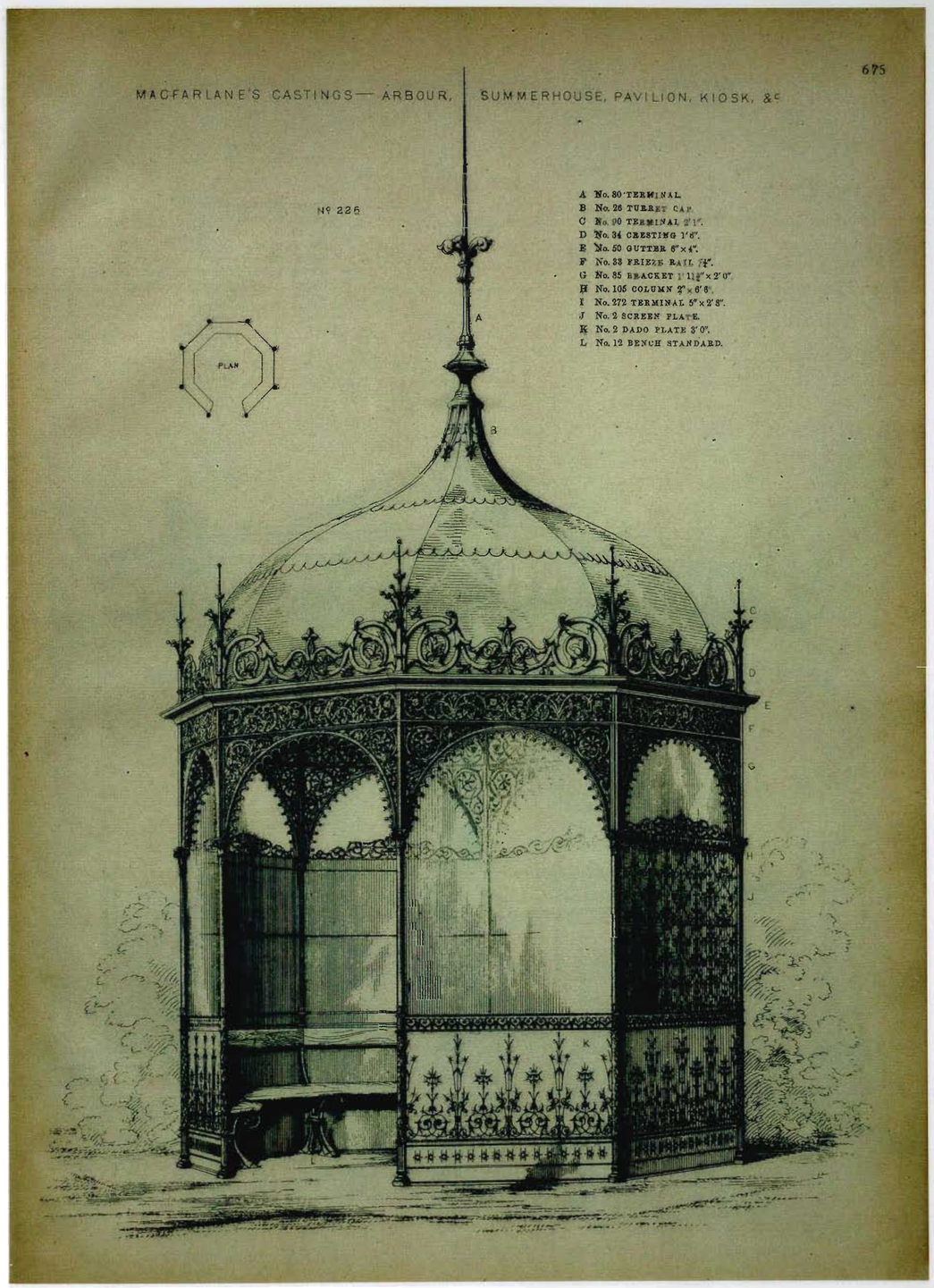
673

Nº 225



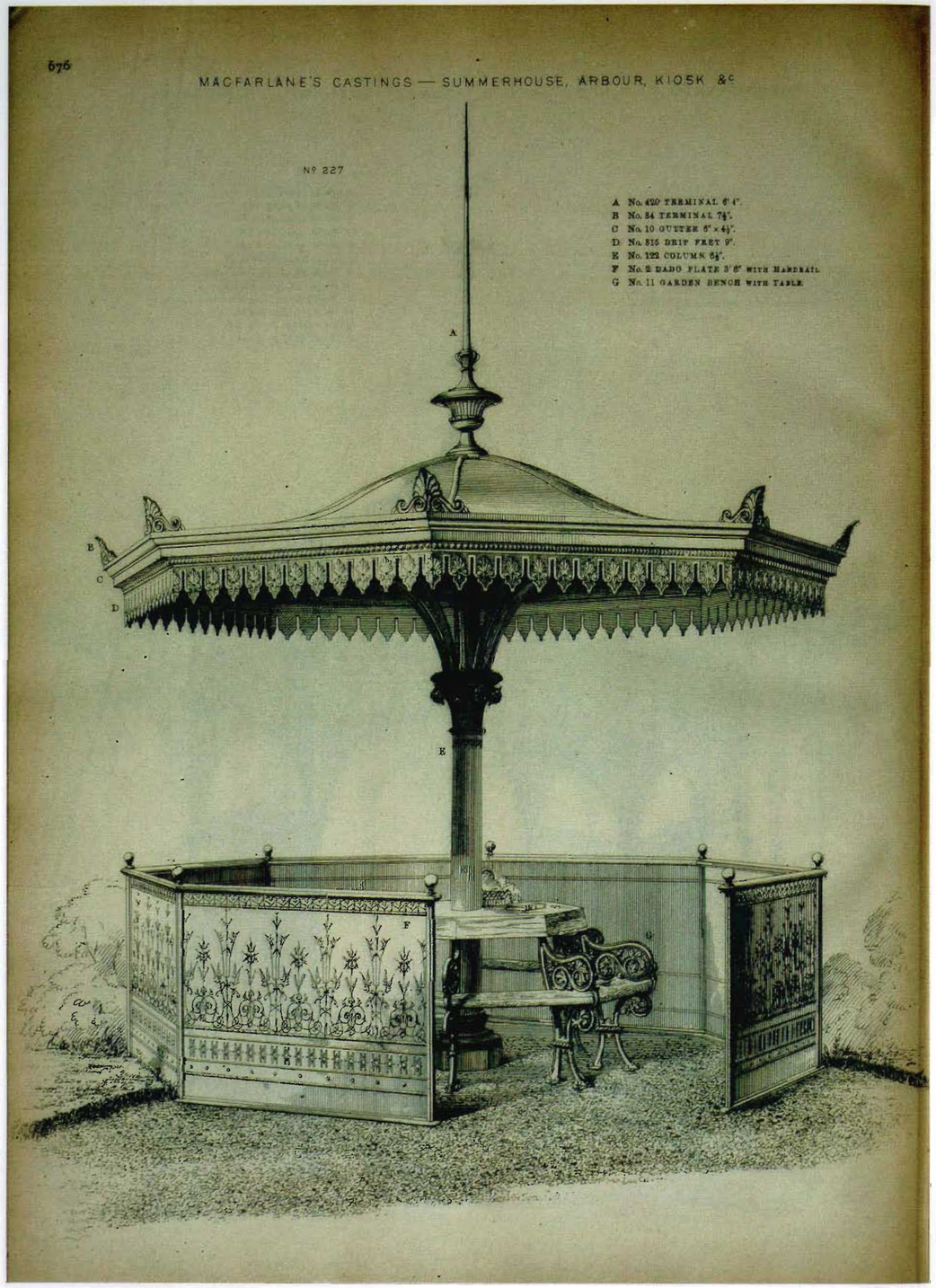
A No. 209 TERMINAL 4'10" WITH CORONAL
B No. 84 TERMINAL 5¼".
C No. 33 CURB PLATE WITH CORNICE MOULDING.
D No. 84 TERMINAL 1'1".
E No. 7 ANTEFIX 2' 7".
F No. 51 CORNICE ENRICHMENT 1'6".
G No. 99 SPANDRIL ARCH 3'9"×2'1½".
H No. 189 COLUMN 6".
I No. 1020 RAILING 2'6" WITH HANDRAIL

Nº 226



A No. 80 TERMINAL.
B No. 26 TURRET CAP.
C No. 90 TERMINAL 2'1".
D No. 34 CRESTING 1'6".
E No. 50 GUTTER 6"×4".
F No. 33 FRIEZE RAIL 7¼".
G No. 85 BRACKET 1'1½"×2'0".
H No. 105 COLUMN 2"×6'6".
I No. 272 TERMINAL 5"×2'8".
J No. 2 SCREEN PLATE.
K No. 2 DADO PLATE 3'0".
L No. 12 BENCH STANDARD.

MACFARLANE'S CASTINGS — SUMMERHOUSE, ARBOUR, KIOSK &c

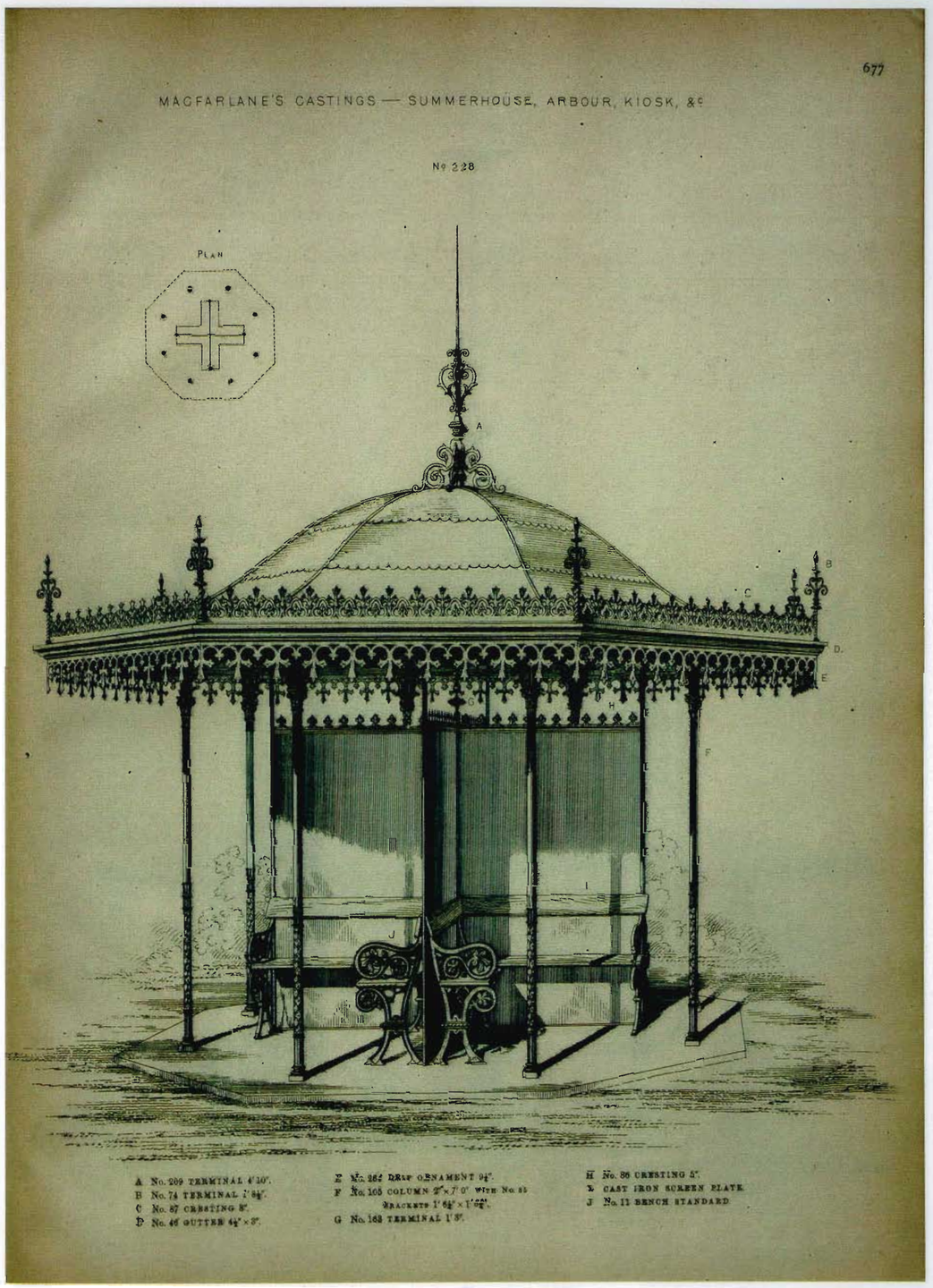


Nº 227

A No. 420 TERMINAL 6'4".
B No. 84 TERMINAL 7½".
C No. 10 GUTTER 6" × 4½".
D No. 515 DRIP FRET 9".
E No. 122 COLUMN 8½".
F No. 2 DADO PLATE 3'6" WITH HANDRAIL
G No. 11 GARDEN BENCH WITH TABLE

MACFARLANE'S CASTINGS — SUMMERHOUSE, ARBOUR, KIOSK, &c

Nº 228

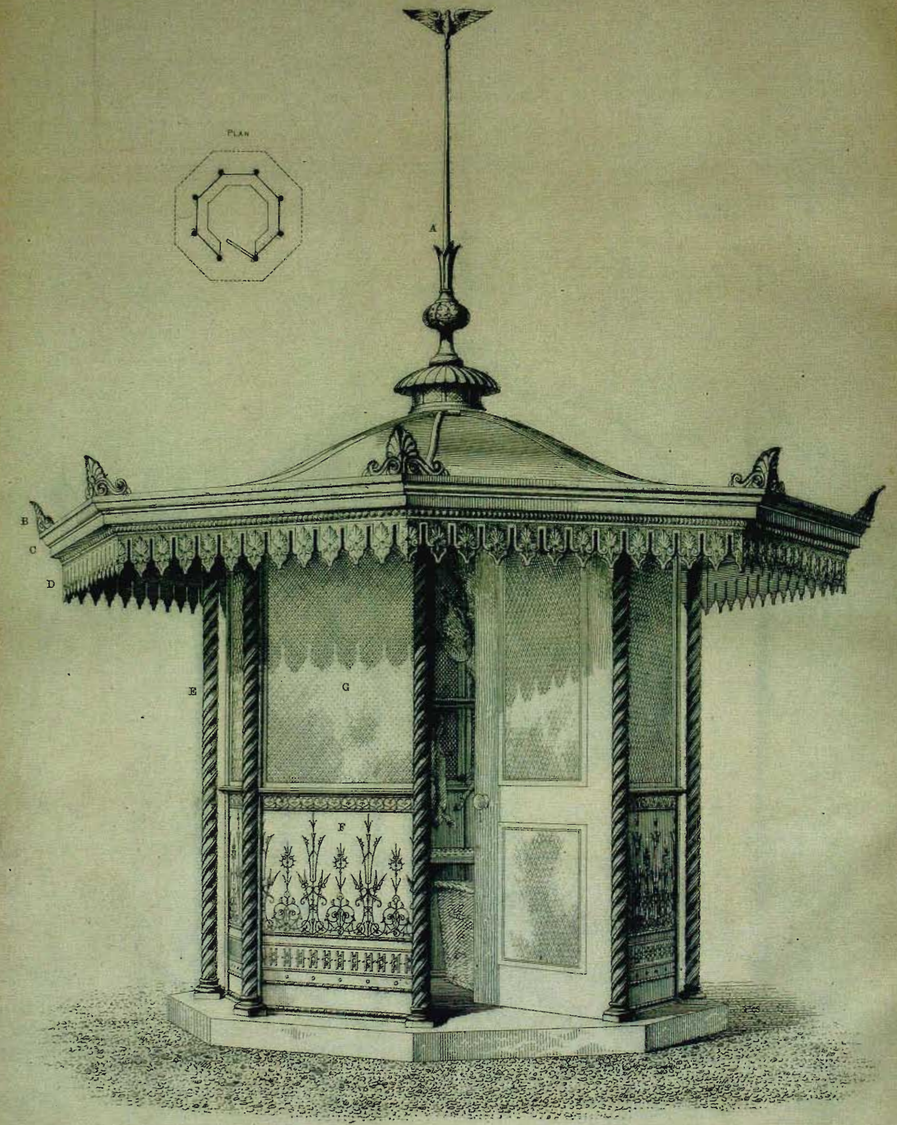


A No. 289 TERMINAL 4'10".
B No. 74 TERMINAL 1'8½".
C No. 87 CRESTING 8".
D No. 46 GUTTER 6½" × 3".
E No. 264 DRIP ORNAMENT 9½".
F No. 105 COLUMN 2" × 7'0" WITH No. 81 BRACKETS 1'6½" × 1'6½".
G No. 163 TERMINAL 1'3".
H No. 86 CRESTING 5".
I CAST IRON SCREEN PLATE
J No. 11 BENCH STANDARD

678

MACFARLANE'S CASTINGS — GAME AND MEAT LARDER &c

Nº 229



A No. 421 TERMINAL 5'0" WITH BIRD
B No. 84 TERMINAL 7½".
C No. 16 GUTTER 6" × 4½".
D No. 815 DRIP FRET 9".
E No. 138 COLUMN 3".
F No. 2 DADO PLATE 3'0" WITH TOP RAIL.
G WIRE GAUZE WINDOWS FOR LIGHT AND VENTILATION.

679

MACFARLANE'S CASTINGS — CLOCK TOWER, BANDSTAND, PAVILION, SUMMERHOUSE &c

Nº 230

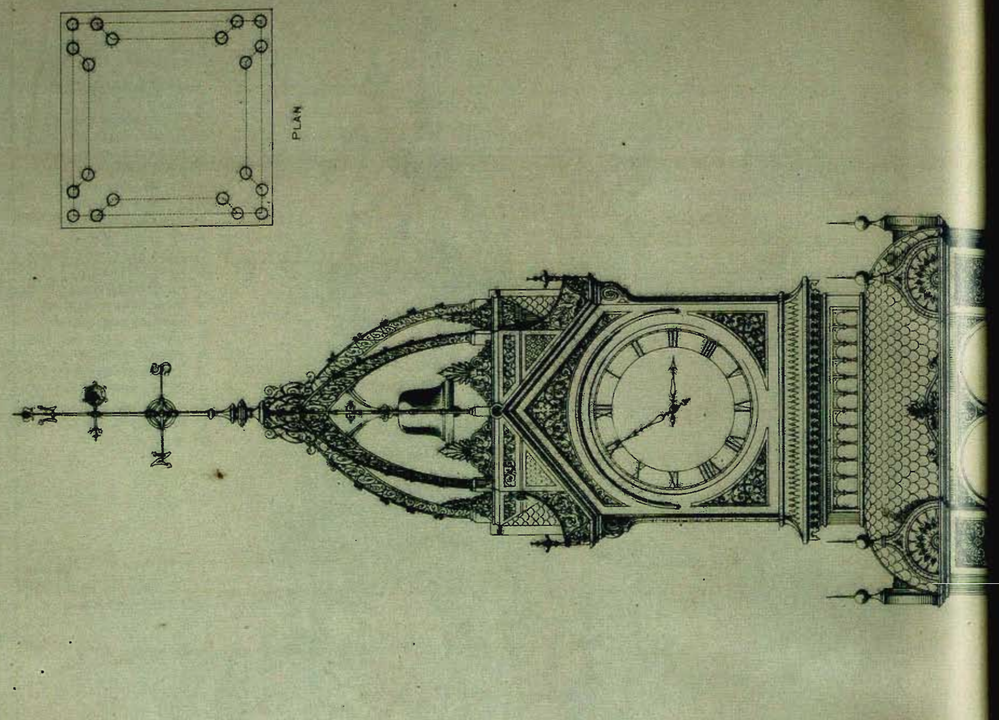


A No. 80 TERMINAL 4'0".
B No. 132 CORONAL.
C No. 202 TERMINAL.
D No. 102 TERMINAL 1'6".
E CLOCK FRAME FOR DIALS 4'0" DIA.
F No. 94 TERMINAL.
G No. 264 CRESTING 9½".
H No. 163 TERMINAL 1'3".
I No. 10 GUTTER CORNICE.
J No. 2 GIRDER 6".
K No. 53 BRACKET 2'6" × 2'4".
L No. 104 COLUMN 3".
M No. 173 TERMINAL 6'7" × 5'2".
N No. 33 CURB PLATE 20½".
O DRAGON ENRICHMENT.
P ROOF IN SLATE OR IRON.
Q No. 89 GUTTER 6¾" × 6¾".
R No. 53 BRACKET 4'0" × 3'5".
S No. 13 LAMP BRACKET 3'6".
T No. 129 COLUMN 5" × 9'0".
U No. 7 DRINKING FOUNTAIN.
V No. 11 BENCH.

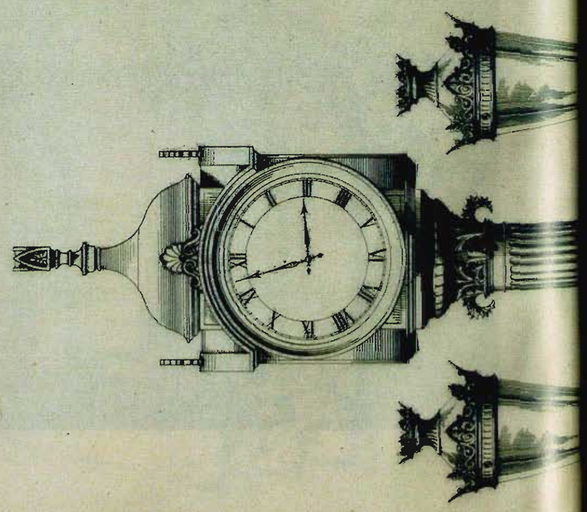
680

MACFARLANE'S CASTINGS — CLOCK TOWERS BELFRIES &c

PLAN



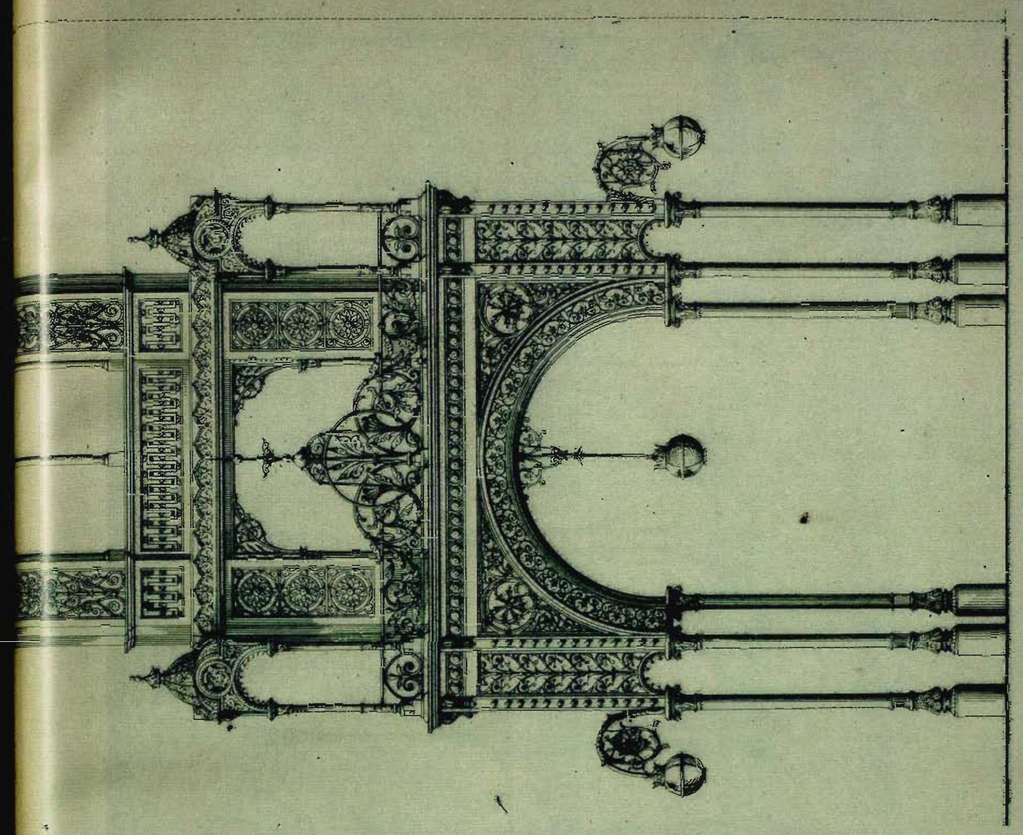
Nº 232



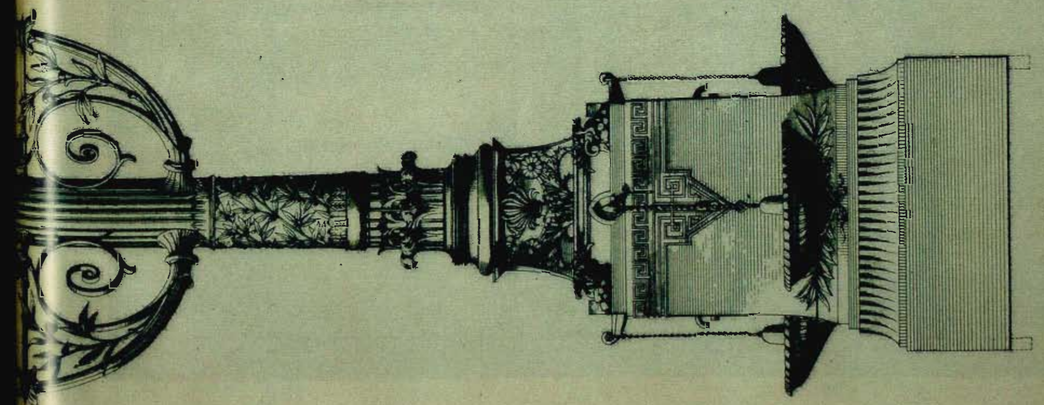
Nº 231

With or without Lamps or Drinking Fountains.

681



20' 0"

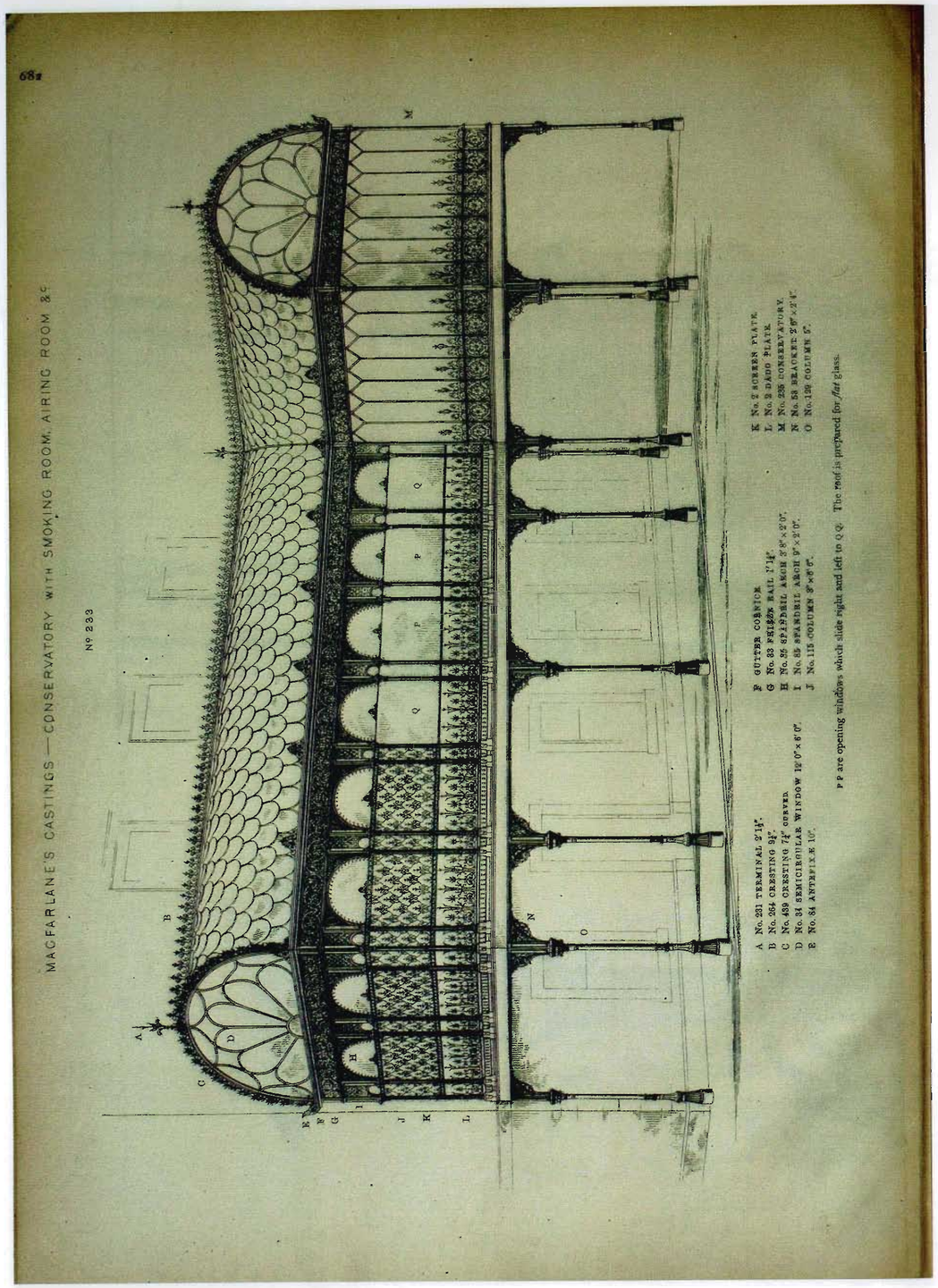


SCALE 1 2 3 4 FEET

MACFARLANE'S CASTINGS — CONSERVATORIES

Nº 233

CONSERVATORY WITH SMOKING ROOM, AIRING ROOM &c



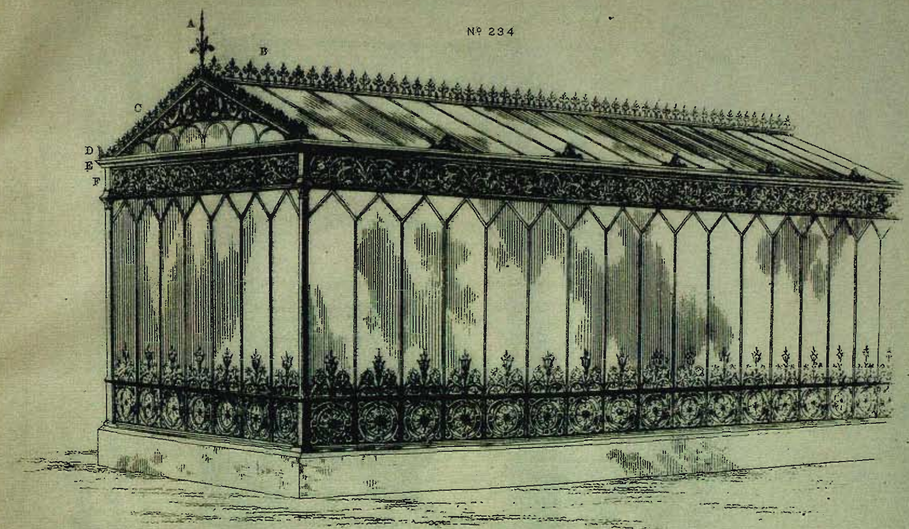
A No. 231 TERMINAL 2'1¼".
B No. 264 CRESTING 9¼".
C No. 489 CRESTING 7¼".
D No. 84 TERMINAL 7¼".
E No. 84 ANTEFIXÆ 10".
F GUTTER COBVICK
G No. 83 FRIEZE RAIL 1'1¼".
H No. 25 SPANDRIL ARCH 3'8"×2'0".
I No. 25 SPANDRIL ARCH 3'×2'0".
J No. 115 COLUMN 3'×8'6".
K No. 2 SCREEN PLATE.
L No. 2 DADO PLATE.
M No. 238 CONSERVATORY.
N No. 58 BRACKET 2'6"×2'6".
O No. 199 COLUMN 6'.

P P are opening windows which slide right and left to Q Q. The roof is prepared for *flat* glass.

MACFARLANE'S CASTINGS — CONSERVATORIES

Can be adapted to any size or plan *to order*.

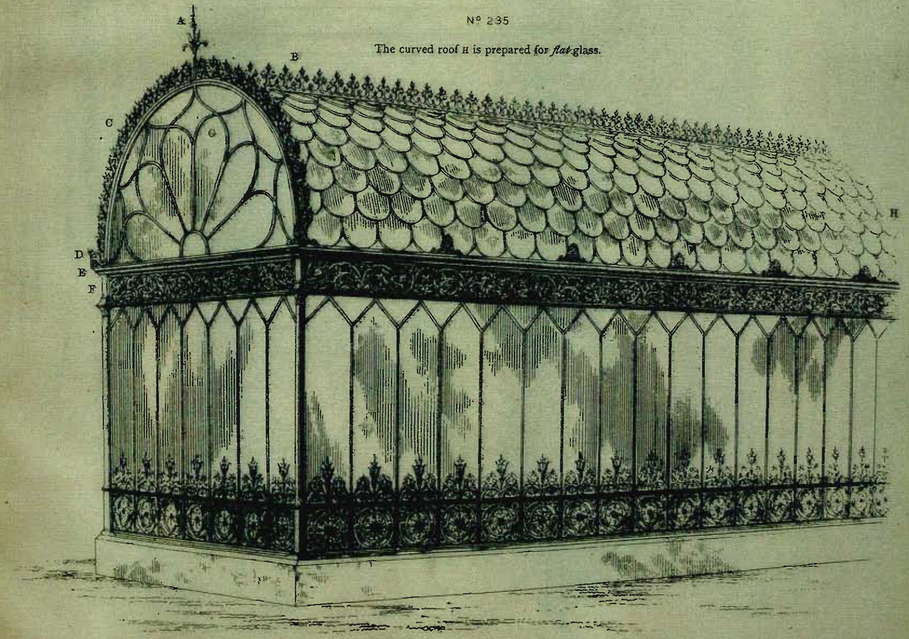
Nº 234



A No. 231 TERMINAL 2'1¼".
B No. 264 CRESTING 9¼".
C No. 489 CRESTING 7¼".
D No. 84 TERMINAL 7¼".
E EAVES GUTTER.
F No. 83 FRIEZE RAIL 1'1¼".

Nº 235

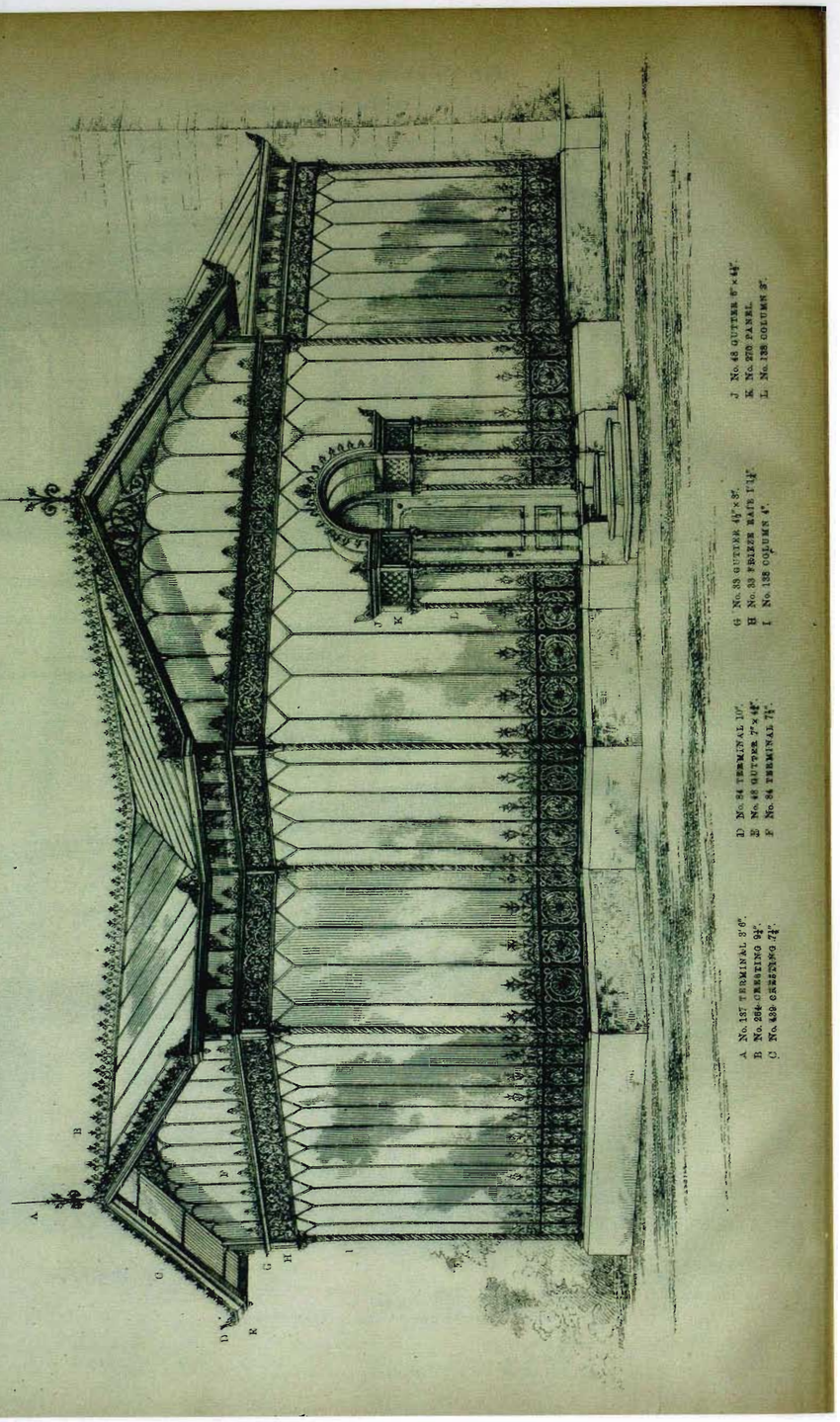
The curved roof H is prepared for *flat* glass.



A No. 231 TERMINAL 2'1¼".
B No. 264 CRESTING 9¼".
C No. 489 CRESTING 7¼".
D No. 84 TERMINAL 7¼".
E EAVES GUTTER.
F No. 83 FRIEZE RAIL 1'1¼".
G No. 34 SEMICIRCULAR WINDOW 12'0"×6'0".
H No. 48 ARCH ROOF 12'0" SPAN.

MACFARLANE'S CASTINGS — CONSERVATORIES

N° 236

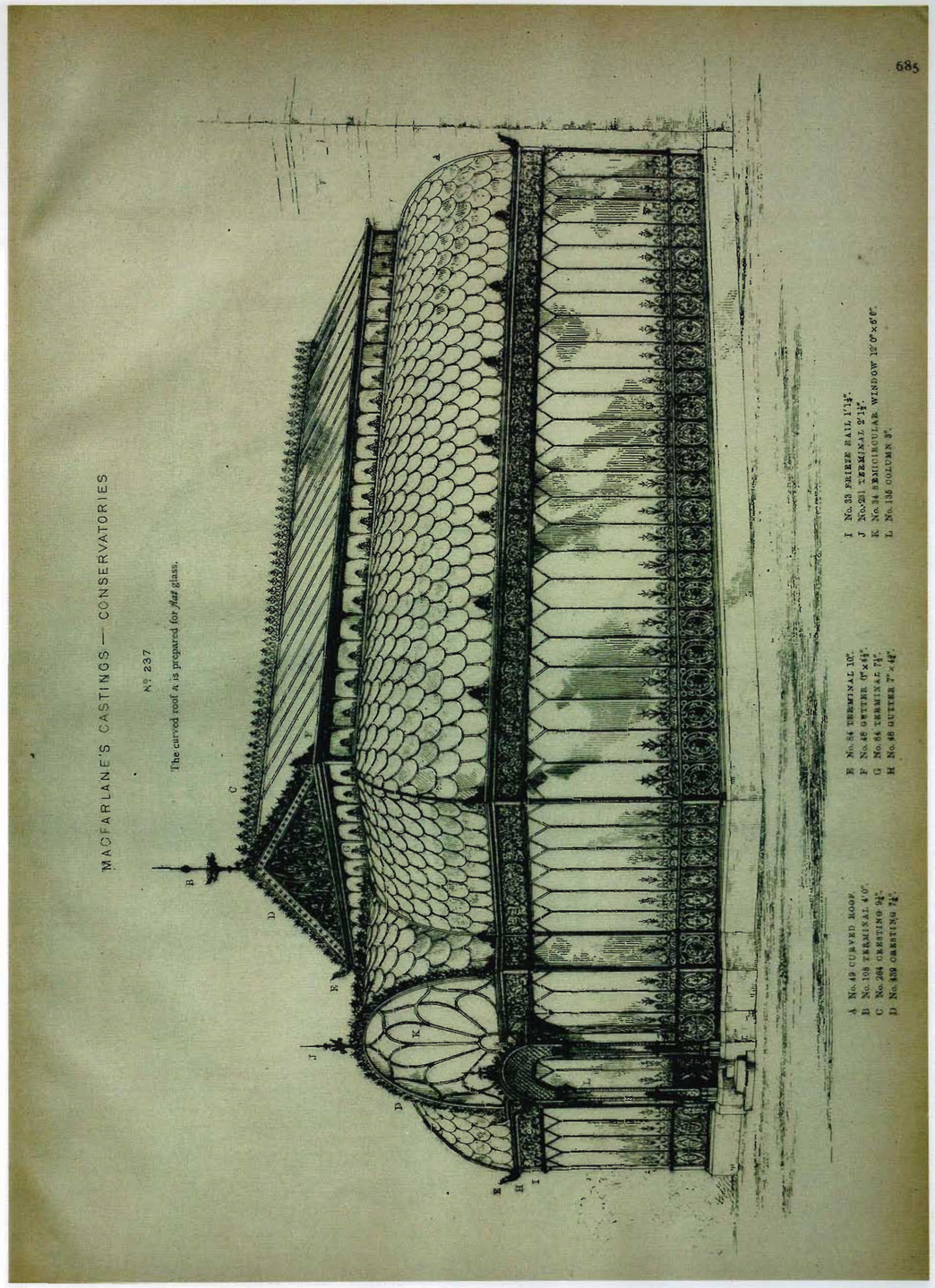


A No. 157 TERMINAL 3'6".
B No. 264 CRESTING 9½".
C No. 439 CRESTING 7½".
D No. 84 TERMINAL 10".
E No. 48 GUTTER 7"×4½".
F No. 84 TERMINAL 7½".
G No. 33 GUTTER 4½"×8".
H No. 33 FRIEZE RAIL 1'1½".
I No. 138 COLUMN 4'.
J No. 48 GUTTER 6"×4½".
K No. 270 PANEL.
L No. 138 COLUMN 8'.

MACFARLANE'S CASTINGS — CONSERVATORIES

N° 237

The curved roof A is prepared for flat glass.

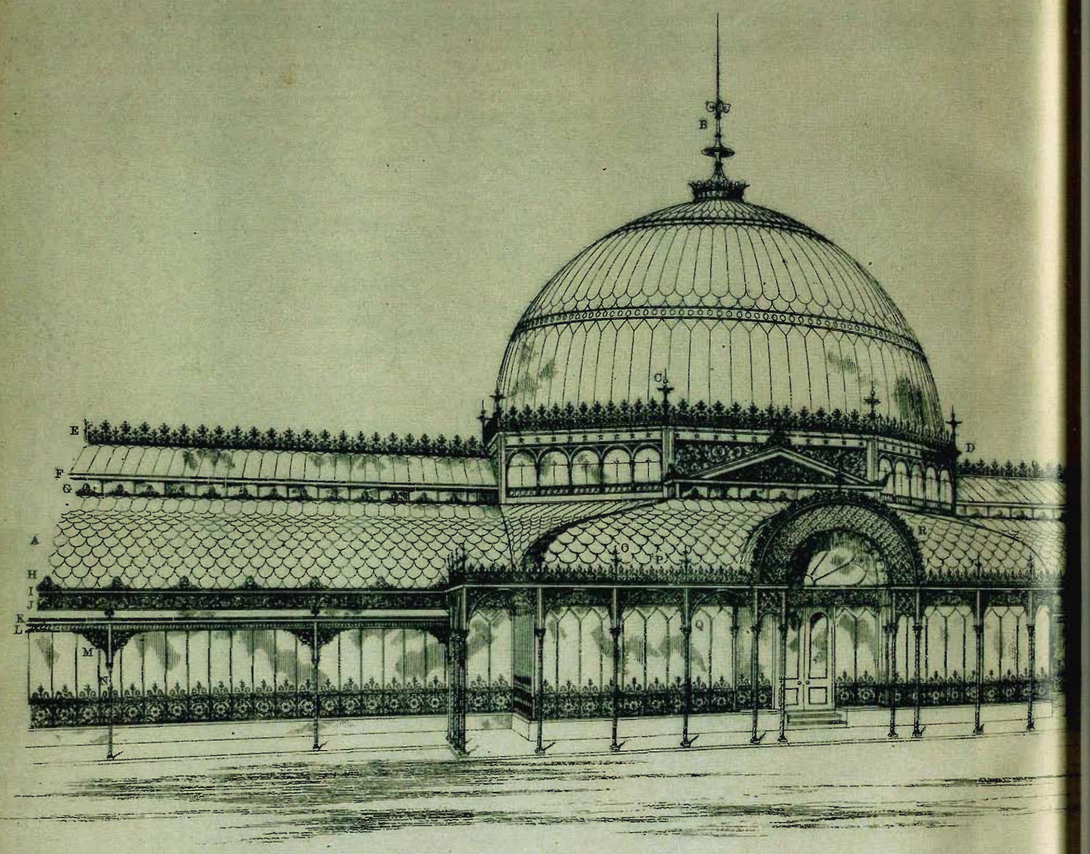


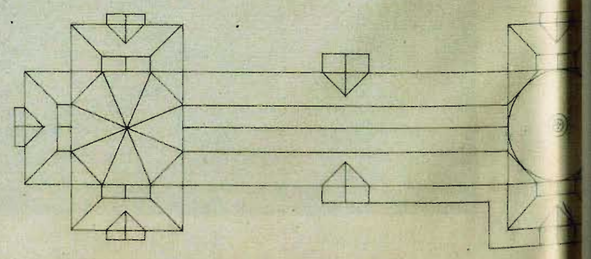
A No. 49 CURVED ROOF.
B No. 109 TERMINAL 4'0".
C No. 264 CRESTING 9½".
D No. 439 CRESTING 7½".
E No. 84 TERMINAL 10".
F No. 48 GUTTER 6"×4½".
G No. 84 TERMINAL 7½".
H No. 48 GUTTER 7"×4½".
I No. 33 FRIEZE RAIL 1'1½".
J No. 221 TERMINAL 2'1½".
K No. 34 SEMICIRCULAR WINDOW 12'0"×6'6".
L No. 138 COLUMN 8'.

MACFARLANE'S CASTINGS — CONSERVATORY

No 238 E

For view of interior see next page. Th



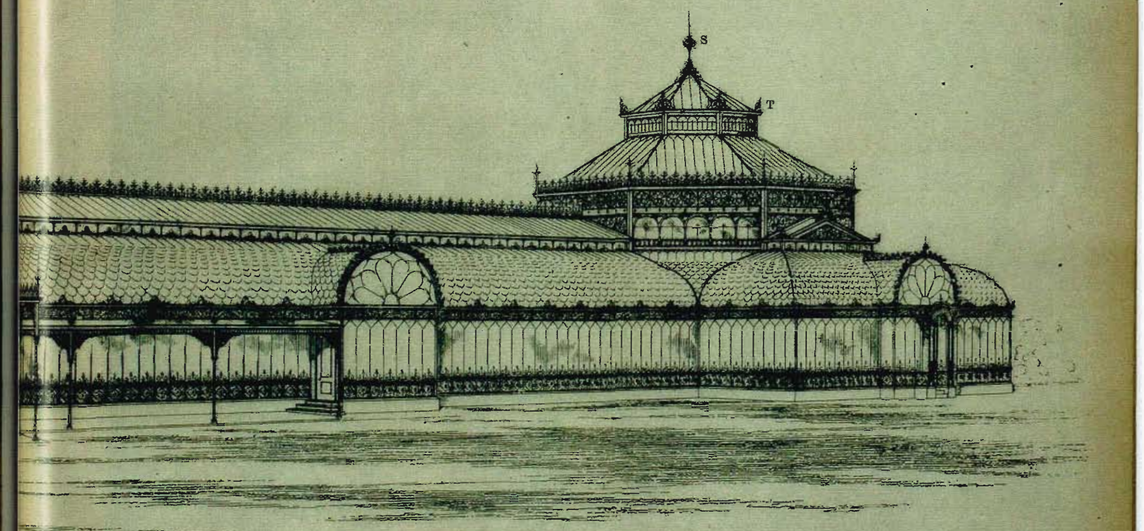


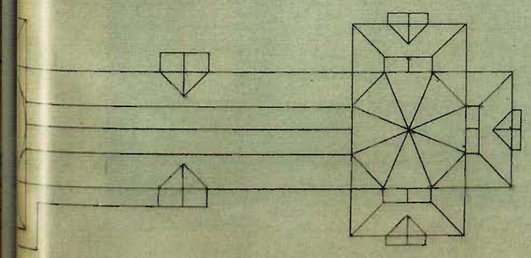
WINTER GARDEN, FLORAL HALL &c

s

ed A s prepared for *flat* glass.

A No. 49 CURVED HOOP.
B No. 80 TERMINAL.
C No. 108 TERMINAL 4'0".
D No. 101 GUTTER 8"×8".
E No. 94 CRESTING 1'8".
F No. 48 GUTTER 8"×4½".
G No. 84 TERMINAL 10".
H No. 84 TERMINAL 1'1".
I No. 48 GUTTER 7"×4½".
J No. 83 FRIEZE RAIL 1'1½".
K No. 10 GUTTER 6"×4½".
L No. 324 RAILING 7".
M No. 53 BRACKET 2'6"×2'4".
N No. 138 COLUMN 4".
O No. 90 TERMINAL 2'1".
P No. 89 CRESTING 1'3½".
Q No. 33 BRACKETS 2'2½"×2'11½".
R No. 439 CRESTING 7½".
S No. 462 TERMINAL 3'9".
T No. 143 TERMINAL 2'1½" ANGLED.

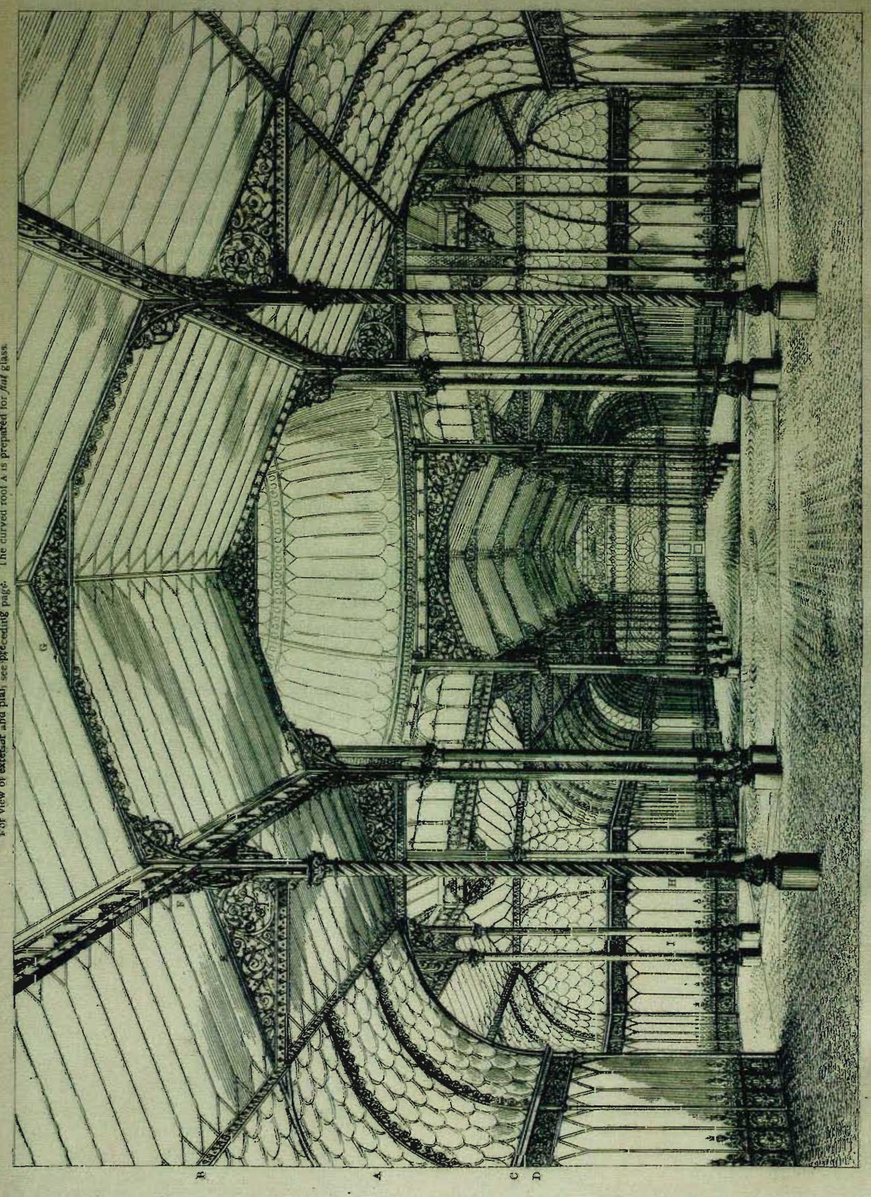




MACFARLANE'S CASTINGS — CONSERVATORY, WINTER GARDEN, FLORAL HALL &c.

Nº 238 INTERIOR.

For view of exterior and plan see preceding page. The curved roof is prepared for *flat* glass.



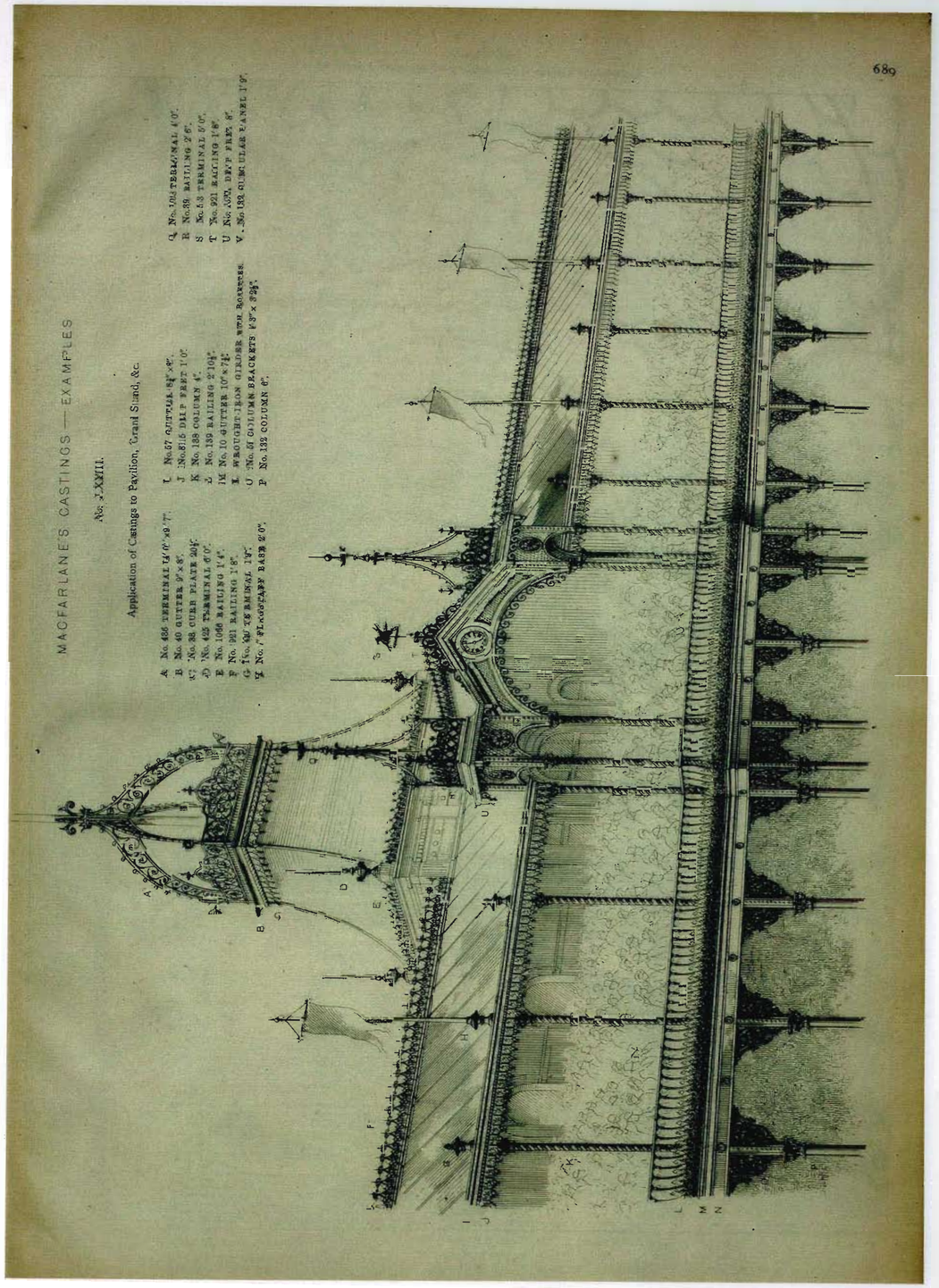
A No. 49 GUTTER 10·0.
B No. 2 GIRDER.
C No. 10 GUTTER 6"×45".
D No. 53 FRIEZE RAIL 1'14".
E No. 74 ROOF SPANDRIL.
F No. 53 COLUMN BRACKETS.
G No. 64 ROOF SPANDRIL.
H No. 135 COLUMN 6".
I No. 132 COLUMN 6".

MACFARLANE'S CASTINGS — EXAMPLES

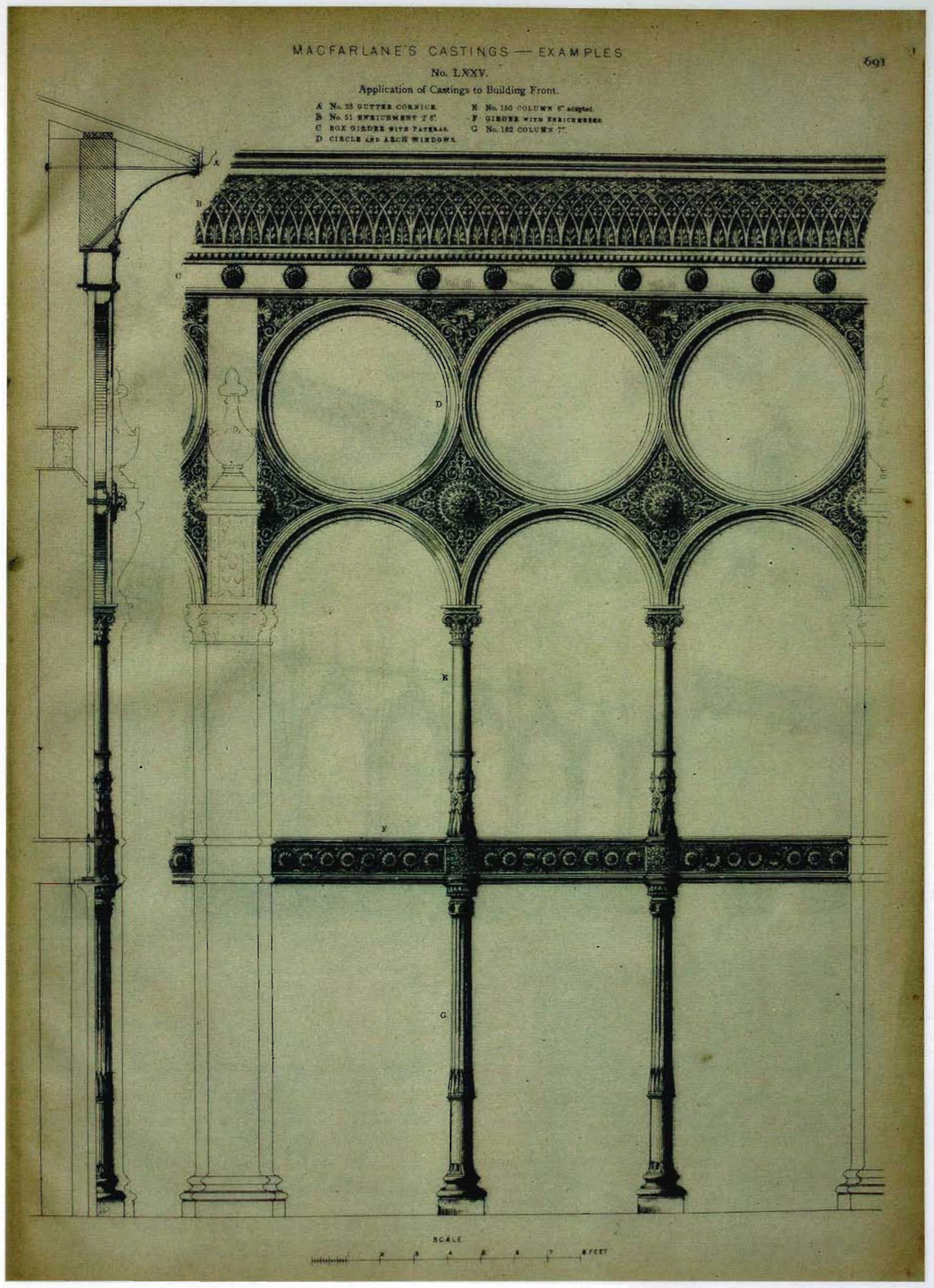
No. XXIII.

Application of Castings to Pavilion, Grand Stand, &c.

A No. 495 TERMINAL 14'0"×9'7".
B No. 40 GUTTER 9"×8".
C No. 38 CURB PLATE 20½".
D No. 495 TERMINAL 6'0".
E No. 1066 RAILING 1'4".
F No. 921 RAILING 1'8".
G No. 490 TERMINAL 1'9".
H No. 7' FLOORING BASE 2'0".
I No. 67 GUTTER 8½"×".
J No. 816 DRIP PIPE 1'0"
K No. 138 COLUMN 4".
L No. 139 RAILING 2'10½".
M No. 10 GUTTER 10"×7½".
N WROUGHT-IRON GIRDER with Rosettes.
O No. 49 COLUMN BRACKETS 1'3"× 9½".
P No. 132 COLUMN 6".
Q No. 1041 TERMINAL 4'0".
R No. 89 RAILING 2'6".
S No. 53 TERMINAL 5'0".
T No. 921 RAILING 1'8".
U No. 1066, DEEP FRET, 8".
V No. 133, CURB UNDER PANEL 1'9".



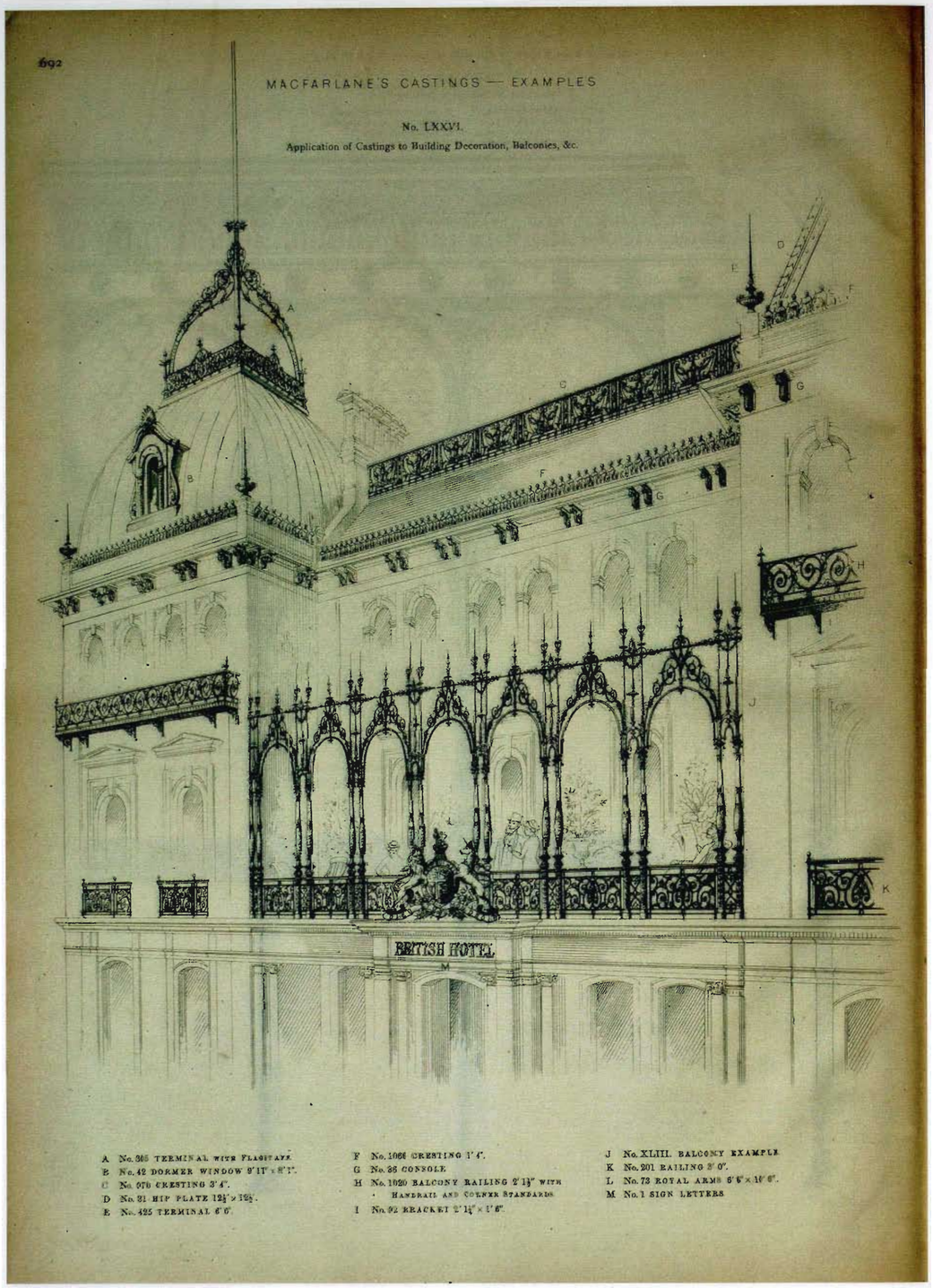

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Application of Castings to Semicircular Roof, Aquarium, Fernery, &c.
A No. 43 ARCH ROOF 12'0" SPAN.
B No. 13 WINDOW.
C No. 61 ROOF SPANDRIL.
D No. 92 LAMP BRACKET.
E No. 471 RAILING 2'10½".
F No. 1110 RAILING 1'5½".
G No. 115 COLUMN 4".
H No. 32 FANLIGHT WINDOW.
I No. 140 SPANDRIL ARCHES.
J No. 34 SEMICIRCULAR WINDOW.
K No. 25 SEMICIRCULAR WINDOW.
L No. 26 WINDOWS.


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691
No. LXXV.
Application of Castings to Building Front.
A No. 23 GUTTER CORNICE.
B No. 51 ENTABLEMENT 2'6".
C BOX GIRDER WITH PATERAE.
D CIRCLE AND ARCH WINDOWS.
E No. 150 COLUMN 6" adopted.
F GIRDER WITH BRACKETS.
G No. 162 COLUMN 7".
SCALE
FEET

MACFARLANE'S CASTINGS — EXAMPLES

No. LXXVI.

Application of Castings to Building Decoration, Balconies, &c.

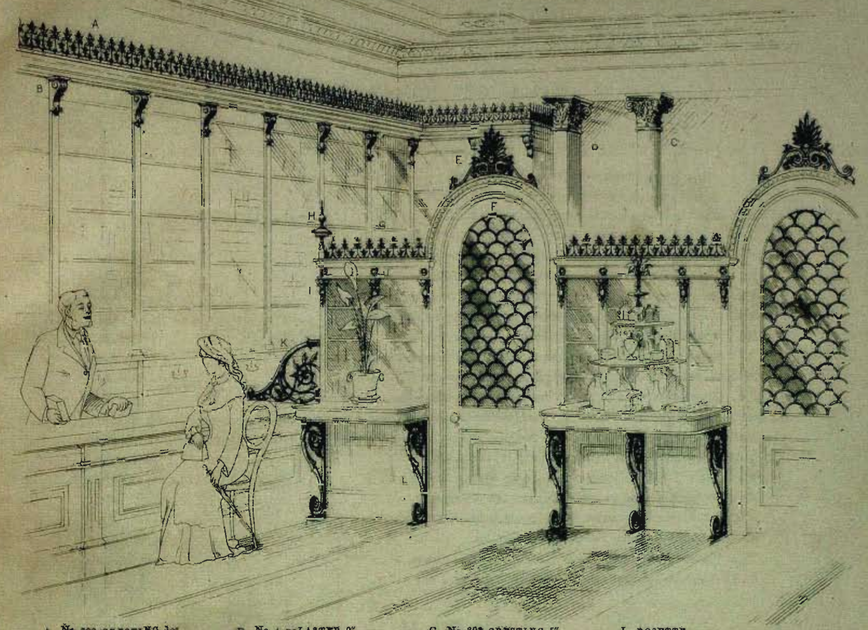


A No. 305 TERMINAL WITH FLAGSTAFF.
B No. 42 DORMER WINDOW 9'11" × 8'1".
C No. 676 CRESTING 3'4".
D No. 21 HIP PLATE 12½" × 12½".
E No. 425 TERMINAL 6'0".
F No. 1086 CRESTING 1'4".
G No. 86 CONSOLE.
H No. 1020 BALCONY RAILING 3'1½" WITH HANDRAIL AND CORNER STANDARDS.
I No. 92 BRACKET 2'1½" × 1'6".
J No. XLIII. BALCONY EXAMPLE.
K No. 201 RAILING 3'0".
L No. 73 ROYAL ARMS 5'6" × 10'6".
M No. 1 SIGN LETTERS.

MACFARLANE'S CASTINGS — EXAMPLES

No. LXXVII.

Application of Castings to Shop Interior, &c.

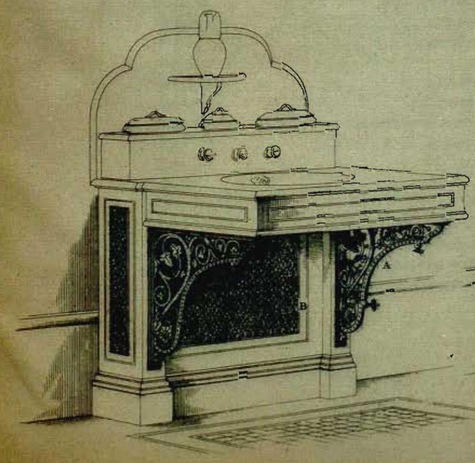


A No. 303 CORNICE 2'0".
B No. 91 BRACKET 1'0".
C No. 155 COLUMN 8".
D No. 4 PILASTER 2".
E No. 404 TERMINAL 1'1".
F No. 24 WINDOW.
G No. 393 CRESTING 6".
H No. 185 TERMINAL 1'3".
I No. 167 TRUSS 9".
J ROSETTE.
K No. 47 DESK DIVISION BRACKET.
L No. 199 BRACKET 1'1" × 3'0".

No. LXXVIII.

Application of Castings to Wash Hand Basin.

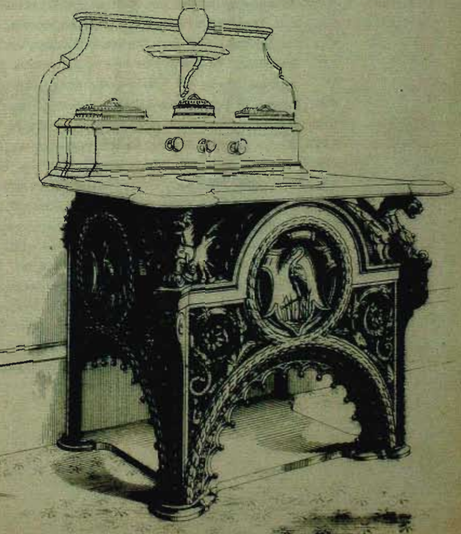
By thorough ventilation preventing dampness and foul smells.



No. LXXIX.

Application of Castings to Wash Hand Basin.

By thorough ventilation preventing dampness and foul smells.



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