

**Reference:** GB 237 EUA IN1/ADS/LIB/4/2  
**Title:** Main Library: structural drawings  
**Creator:** Ove Arup  
**Dates of creation:** 1957-1967

**Administrative History:**

Messrs. Ove Arup were the structural engineers for the Main Library building in George Square.

No/Amendment	Date	Scale	Title
<i>Record</i> 1683 – 1	6/5/62	1 : 500	Site Plan
<i>Record</i> 1683 – 2	11/5/62	Approx. $\frac{1}{16}'' = 1'$	Site Plan No. 2 Levels & Underground Services
<i>Record</i> 1683 – 3	May '62	$\frac{1}{16}'' = 1'$	Site Plan No. 3 Principal Dimensions
<i>Record</i> 1683/4A	N.D.	$\frac{1}{8}'' = 1'$ & $\frac{1}{4}'' = 1'$	Basement & Foundations General Arrangements
<i>Record</i> 1683/5E	N.D.	$\frac{1}{8}'' = 1'$ & $\frac{1}{2}'' = 1'$	Lower Ground Floor General Arrangements
<i>Record</i> 1683/7A	N.D.	$\frac{1}{4}'' = 1'$	Crane Bases for Messrs. Gilbert-Ash (Scotland) Ltd.
1683/8	4/2/66	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Loading Bay General Arrangements
1683/10A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Retaining Wall West George Square General Arrangements
<i>Record</i> 1683/52B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Lower Ground Floor Suspended Slabs Reinforcement Details
1683/53A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Foundations Reinforcement
<i>Record</i> 1683/54C	N.D.	$\frac{1}{8}'' = 1'$ & $\frac{1}{4}'' = 1'$	Basement & Ducts Reinforcement Details
<i>Record</i> 1683/55B	N.D.	$\frac{1}{8}'' = 1'$ & $\frac{1}{2}'' = 1'$	Lower Ground Floor Reinforcement
1683/56D	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Lower Ground Floor Retaining Walls Reinforcement – Sheet 1
1683/57D	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Lower Ground Floor Retaining Walls Reinforcement – Sheet 2
<i>Two Copies</i> 1683/58	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Lower Ground Floor Retaining Walls Reinforcement – Sheet 3
1683/59C	N.D.	$\frac{1}{4}'' = 1'$ & $1'' = 1'$	Plant Room Raised Floor General Arrangement & Reinforcement
1683/60A	May '67	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Retaining Wall – West - George Square Reinforcement Details

No/Amendment	Date	Scale	Title
1683/101B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor General Arrangements
1683/103E	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor General Arrangements
1683/104B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor General Arrangements
1683/105	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor General Arrangements
1683/106	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor General Arrangements
1683/109D	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor – Podium - West General Arrangements
1683/110D	N.D.	-	Ground Floor – Podium - East General Arrangements
1683/153A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor Reinforcement Details
1683/154	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor Reinforcement Details
1683/155B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor Reinforcement Details
1683/156A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor Reinforcement Details
1683/157	May '65	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor – Podium – West Reinforcement Details
1683/159E	Oct '65	$\frac{1}{16}'' = 1'$	Ground Floor Screed Reinforcement Details
1683/160A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor Podium – West Reinforcement Details
1683/161	26/7/66	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor Podium – East Reinforcement Details
1683/162A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor Podium – West Retaining Walls Reinforcement Details
1683/163A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	Ground Floor Podium – East Retaining Walls Reinforcement Details
1683/201D	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	1 <sup>st</sup> Floor General Arrangements
1683/202D	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	1 <sup>st</sup> Floor General Arrangements
1683/203E	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	1 <sup>st</sup> Floor General Arrangements
1683/204E	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	1 <sup>st</sup> Floor General Arrangements
1683/205B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	1 <sup>st</sup> Floor General Arrangements
1683/206A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	1 <sup>st</sup> Floor General Arrangements

No/Amendment	Date	Scale	Title
1683/251B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	1 <sup>st</sup> Floor Reinforcement Details
1683/253C	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	1 <sup>st</sup> Floor Reinforcement Details
1683/254C	N.D.	$\frac{1}{4}'' = 1'$ , $\frac{1}{2}'' = 1'$ & $1'' = 1'$	1 <sup>st</sup> Floor Reinforcement Details
1683/255	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	1 <sup>st</sup> Floor Reinforcement Details
1683/256B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	1 <sup>st</sup> Floor Reinforcement Details
1683/257	Nov '65	$1\frac{1}{2}'' = 1'$	1 <sup>st</sup> Floor Reinforcement Details
1683/258	Oct '65	$\frac{1}{16}'' = 1'$	1 <sup>st</sup> Floor Screed Reinforcement Details
1683/301C	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor General Arrangements
1683/302B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor General Arrangements
1683/303	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor General Arrangements
1683/304B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor General Arrangements
1683/305A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor General Arrangements
1683/306A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor General Arrangements
1683/306B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor General Arrangements
1683/351A	30/9/65	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor Reinforcement Details
1683/352A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor Reinforcement
1683/354A	Sep '65	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor Reinforcement Details
1683/353A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor Reinforcement Details
1683/355	Sep '65	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor Reinforcement Details
1683/356	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	2 <sup>nd</sup> Floor Reinforcement
1683/357	N.D.	$\frac{1}{2}'' = 1'$ & $1'' = 1'$	2 <sup>nd</sup> Floor Reinforcement Details
1683/358	Mar '66	$\frac{1}{16}'' = 1'$	2 <sup>nd</sup> Floor Screed Reinforcement Details
1683/358	Mar '66	$\frac{1}{16}'' = 1'$	2 <sup>nd</sup> Floor Screed

No/Amendment	Date	Scale	Title
			Reinforcement Details (Added – Detail at Junction of Mesh $\frac{1}{2}'' = 1'$ )
1683/401A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors General Arrangements
1683/402A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors General Arrangements
1683/403	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors General Arrangements
1683/404	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors General Arrangements
1683/405A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors General Arrangements
1683/406B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors General Arrangements
1683/451B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors Reinforcement Details
1683/452B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors Reinforcement Details
1683/454B	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors Reinforcement Details
1683/455A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors Reinforcement Details
1683/456A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors Reinforcement Details
1683/457	5/5/66	$\frac{1}{16}'' = 1'$	3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> Floors Screed Reinforcement Details
1683/501A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	6 <sup>th</sup> Floor General Arrangements
1683/502A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	6 <sup>th</sup> Floor General Arrangements
1683/505A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	6 <sup>th</sup> Floor General Arrangements
1683/506A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	6 <sup>th</sup> Floor General Arrangements
1683/551A	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	6 <sup>th</sup> Floor Reinforcement Details
1683/552	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	6 <sup>th</sup> Floor Reinforcement Details
1683/553	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	6 <sup>th</sup> Floor Reinforcement Details
1683/554	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	6 <sup>th</sup> Floor Reinforcement Details
1683/555	N.D.	$\frac{1}{4}'' = 1'$	6 <sup>th</sup> Floor Reinforcement Details
1683/556	N.D.	$\frac{1}{4}'' = 1'$ & $\frac{1}{2}'' = 1'$	6 <sup>th</sup> Floor Reinforcement Details

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1683/557	8/6/66	$\frac{1}{16}" = 1'$	6 <sup>th</sup> Floor Screed Reinforcement Details
1683/558	6/6/66	$\frac{1}{2}" = 1'$ & $1" = 1'$	6 <sup>th</sup> Floor Window Upstand Reinforcement
1683/601D	N.D.	$\frac{1}{8}" = 1'$	Roof Plan
1683/602	21/7/65	$1" = 1'$	6 <sup>th</sup> Floor Water Tank Structural Frames
1683/701B	N.D.	$\frac{1}{2}" = 1'$	Sections at Central Stair & Lift
1683/702A	N.D.	$\frac{1}{16}" = 1'$ & $\frac{1}{2}" = 1'$	Sections at West Stair & Rare Book Stair
1683/703A	N.D.	$\frac{1}{2}" = 1'$	Sections at East Stair
<i>Record</i> 1683/705C	N.D.	$\frac{1}{2}" = 1'$	Sections at Stair at Concourse
1683/706B	N.D.	$\frac{1}{2}" = 1'$ & $1" = 1'$	Access to Stair Block 'E' General Arrangement & Reinforcement
1683/707F	N.D.	$\frac{1}{2}" = 1'$	Columns Below 2 <sup>nd</sup> Floor General Arrangements
1683/708B	N.D.	$\frac{1}{2}" = 1'$	Columns above 2 <sup>nd</sup> Floor General Arrangements
1683/709E	N.D.	$\frac{1}{4}" = 1'$	Lift & Stair Walls – Elevations General Arrangements
1683/751A	N.D.	$\frac{1}{2}" = 1'$	Central Stair (In-Situ Flight) & Rare Book Stair Reinforcement
1683/752	N.D.	$\frac{1}{2}" = 1'$	Columns above 2 <sup>nd</sup> Floor Reinforcement – Sheet 2
1683/753	N.D.	$\frac{1}{2}" = 1'$	East-Stair (In-Situ Flights) Reinforcement
<i>Record</i> 1683/755A	N.D.	$\frac{1}{2}" = 1'$	Stair at Concourse Reinforcement Details
1683/756D	27/1/65	$\frac{1}{2}" = 1'$	Column & Stair Wall Details Basement to 2 <sup>nd</sup> Floor – Sheet 2
1683/757A	N.D.	$\frac{1}{2}" = 1'$	Column Details Basement – 2 <sup>nd</sup> Floor (Sheet 1)
1683/758C	N.D.	$\frac{1}{2}" = 1'$	Columns above 2 <sup>nd</sup> Floor Reinforcement (Sheet 1)
1683/759B	N.D.	$\frac{1}{4}" = 1'$ & $\frac{1}{2}" = 1'$	Lift & Stair Walls – Elevations Basement to 2 <sup>nd</sup> Floor Reinforcement Details
1683/760	N.D.	$\frac{1}{2}" = 1'$	Lift & Stair Walls – Layouts Basement to 2 <sup>nd</sup> Floor Reinforcement Details
1683/761B	N.D.	$\frac{1}{4}" = 1'$	Lift & Stair Walls – Elevations 2 <sup>nd</sup> Floor to Roof Reinforcement Details

No/Amendment	Date	Scale	Title
1683/762	N.D.	$\frac{1}{2}'' = 1'$	Lift & Stair Walls – Layouts 2 <sup>nd</sup> Floor to Roof Reinforcement Details
1683/763A	N.D.	$\frac{1}{2}'' = 1'$ & $1'' = 1'$	East & West Stair Walls above 2 <sup>nd</sup> Floor Reinforcement
1683/765C	N.D.	$1'' = 1'$ & $1\frac{1}{2}'' = 1'$	Steel Staircase Statistical Reading Room
1683/801C	N.D.	$\frac{1}{2}'' = 1'$ & $1'' = 1'$	Precast Balcony Units General Arrangements, 1
1683/802F	N.D.	$\frac{1}{2}'' = 1'$ & $1'' = 1'$	Precast Balcony Units General Arrangements, 2
1683/803	N.D.	$1'' = 1'$	Precast Balcony Units (2 <sup>nd</sup> Floor) General Arrangements, 3
1683/804F	N.D.	$\frac{1}{2}'' = 1'$ & $1'' = 1'$	Precast Balcony Units (6 <sup>th</sup> Floor) General Arrangements, 4
<i>Two Copies</i> 1683/805G	N.D.	$\frac{1}{2}'' = 1'$ & $1'' = 1'$	Precast Units at 1 <sup>st</sup> Floor General Arrangements Precast Balcony Units 2 – 5 Erection Sequence
1683/806C	N.D.	$1'' = 1'$	2 <sup>nd</sup> Floor Precast Soffite Units General Arrangements
1683/807C	13/2/67	$\frac{1}{8}'' = 1'$ , $\frac{1}{2}'' = 1'$ & $1'' = 1'$	Podium Precast Units General Arrangements & Details
1683/809B	N.D.	$\frac{1}{4}'' = 1'$ & $1'' = 1'$	Precast Plank Units General Arrangements
1683/810	12/7/66	$\frac{1}{2}$ F.S.	Precast Units Corner Details
1683/811B	N.D.	$\frac{3}{8}'' = 1'$ , $1'' = 1'$ & $3'' = 1'$	Precast Balcony Units 2 – 5 Floor Erection Sequence
1683/812B	N.D.	-	Precast Balcony Units 6 Floor Erection Sequence
1683/813	3/11/66	$1'' = 1'$ & $\frac{1}{2}$ F.S.	Column Cladding
1683/851A	N.D.	$1'' = 1'$	Precast Balcony Units Reinforcement, 1
1683/852B	N.D.	$\frac{1}{2}'' = 1'$ & $1'' = 1'$	Precast Balcony Units Reinforcement Details, 2
1683/853	N.D.	$1'' = 1'$	Precast Balcony Units (2 <sup>nd</sup> Floor) Reinforcement Details, 3
1683/854B	N.D.	$1'' = 1'$	Precast Balcony Units (6 <sup>th</sup> Floor) Reinforcement
1683/855A	N.D.	$\frac{1}{2}'' = 1'$ & $1'' = 1'$	1 <sup>st</sup> Floor Precast Units 1A, 1B Reinforcement Details
1683/856A	N.D.	$1\frac{1}{2}'' = 1'$	1 <sup>st</sup> & 2 <sup>nd</sup> Floor Soffit & Fascia Units

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			Reinforcement
<i>Two Copies</i> 1683/860A	N.D.	$\frac{1}{4}" = 1'$ , $\frac{1}{2}" = 1'$ & $1" = 1'$	Basement Precast Duct Units General Arrangements & Reinforcement
1683/861A	N.D.	$2" = 1'$	Precast Stair Units Reinforcement Details
1683/862A	N.D.	$\frac{1}{4}" = 1'$ & $1" = 1'$	Precast Plank Units with Revised Reinforcement
1683/863A	20/10/65	$\frac{1}{2}" = 1'$ & $1" = 1'$	Provisions for using P.C. $\frac{1}{2}$ Landing Slab Types 5 & 6 cast without additional Steel (R311 & R312) shown on Sketch 1683/SK861 & Drawing 1683/861A
1683/864	26/10/65	$3" = 1'$	Two Extra 1 <sup>st</sup> Floor Fascia Units General Arrangements & Reinforcement
1683/901A	N.D.	$\frac{1}{4}" = 1'$ & $1" = 1'$	Switchgear Supports at Transformer Plinths
1683/902E	11/1/67	$\frac{1}{4}" = 1'$ & $1" = 1'$	Exhibition Hall Suspended Ceiling
GV	3/3/67	$\frac{1}{4}" = 1'$ & $1" = 1'$	Site Works - North-West Retaining Wall (Preliminary)
GV0 (K)	Dec '64	$1" = 16'$	Site Plan
<i>Record</i> GV4 (C)	July '64	$1" = 16'$	Ground Floor
GV5 (C)	July '64	$1" = 16'$	1 <sup>st</sup> Floor
<i>Out of Date</i> GV50	23/4/65	$\frac{1}{4}" = 1'$	Basement Plant Room
GV273	20/2/67	$\frac{1}{4}" = 1'$	Site Works - North-East
GV274	21/2/67	$\frac{1}{4}" = 1'$	Site Works - North-East
<i>Missing from List of Architect's Drawings</i>	2/2/67	$\frac{1}{4}" = 1'$	Site Works - South-West
GV275 (A)			
GV276	3/2/67	$\frac{1}{4}" = 1'$	Site Works - West (South)
GV277	10/2/67	$\frac{1}{4}" = 1'$	Site Works - West
GV278 (C)	20/2/67	$\frac{1}{4}" = 1'$	Site Works - North-West
GV279 (A)	15/2/67	$\frac{1}{4}" = 1'$	Site Works - North-West
3364/63/12B	Feb '66	$\frac{1}{32}" = 1'$	Plan showing proposed levels at the East & South sides of George Square & George Square Lane
3364/63/14	Apr '66	$\frac{1}{32}" = 1'$	Layout of existing services at East & South sides of George Square
3364/63/14A	Apr '66	$\frac{1}{32}" = 1'$	Layout of existing services at East & South sides of George Square
3364/63/15A	Apr '66	$\frac{1}{8}" = 1'$	Sections through proposed road-way at East & South sides of George Square & George Square Lane

No/Amendment	Date	Scale	Title
B.E.D./A/1168	28/5/65	$\frac{3}{16}'' = 1'$	Revised Tableform 407 Scheme for Edinburgh University Library
66/1779/19	N.D.	$\frac{3}{4}'' = 1'$	Detail of motorised damper in main supply inlet at lower ground floor level
231	20/7/57	$\frac{1}{4}'' = 1'$ & $1\frac{1}{2}'' = 1'$	30'' Edinburgh pattern two-piece C.I. gully with M.S. grating