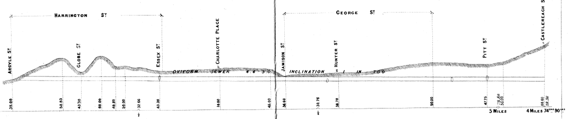
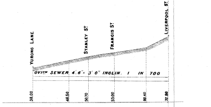
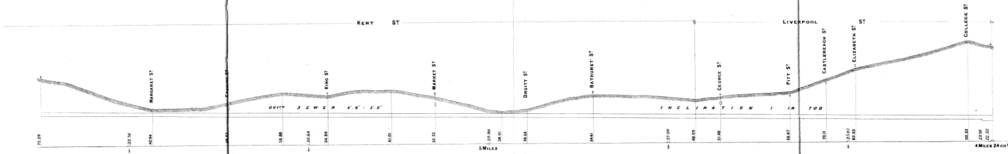
HARRINGTON ST BRANCH

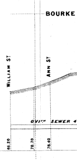

HARRINGTON ST
GEORGE ST
ARGYLE ST
GLOBE ST
ESSEX ST
CHARLOTTE PLACE
JAMISON ST
HUNTER ST
PITT ST
CASTLEREAGH ST
OVIFORM SEWER 4'.6" × 3'.0"
INCLINATION 1 IN 700
35.00
58.83
43.30
60.00
49.80
50.00
32.66
43.30
18.00
46.90
36.60
30.76
38.70
50.00
47.75
28.66
50.00
68.60
28.56
5 MILES
4 MILES 74 CHS 90 LKS

RILEY ST BRANCH

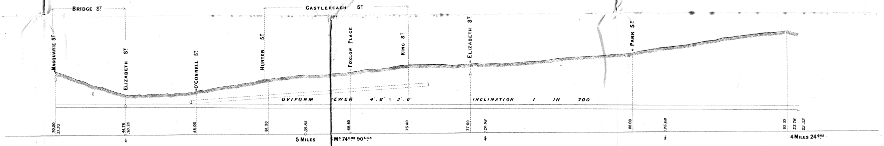

YURONG LANE
STANLEY ST
FRANCIS ST
LIVERPOOL ST
OVIFM SEWER 4'.6" × 3'.0" INCLIN. 1 IN 700
38.00
46.50
50.70
55.00
60.40
72.80

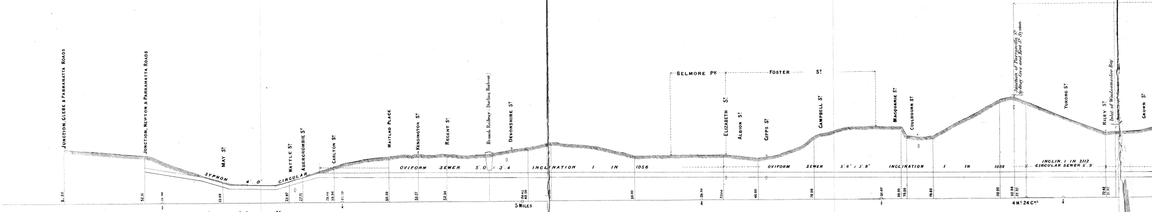
KENT STREET BRANCH, G. I. ON PLAN.


KENT ST
LIVERPOOL ST
MARGARET ST
ERSKINE ST
KING ST
MARKET ST
DRUITT ST
BATHURST ST
GEORGE ST
PITT ST
CASTLEREAGH ST
ELIZABETH ST
COLLEGE ST
OVIFM SEWER 4'.6" × 3'.0"
INCLINATION 1 IN 700
75.39
32.76
40.94
48.07
58.88
30.86
54.86
61.01
52.22
28.96
36.01
38.53
54.41
27.06
48.05
51.40
56.67
70.11
25.08
82.03
112.33
23.78
22.53
5 MILES
4 MILES 24 CHS


BOURKE
WILLIAM ST
ANN ST
OVIFM SEWER 4
65.20
70.70
76.40

BRIDGE ST BRANCH


BRIDGE ST
CASTLEREAGH ST
MACQUARIE ST
ELIZABETH ST
O'CONNELL ST
HUNTER ST
FOXLOW PLACE
KING ST
ELIZABETH ST
PARK ST
OVIFORM SEWER 4'.6" × 3'.0"
INCLINATION 1 IN 700
70.20
31.32
44.76
30.78
48.00
61.30
38.88
68.60
75.40
77.00
26.98
88.00
25.08
112.33
23.78
22.53
5 MILES
4 MS 74 CHS 90 LKS
4 MILES 24 CHS


JUNCTION, GLEBE & PARRAMATTA ROADS
JUNCTION, NEWTON & PARRAMATTA ROADS
MAY ST
WATTLE ST
ABERCROMBIE ST
CARLTON ST
MAITLND PLACE
KENSINGTON ST
REGENT ST
Branch Railway (Darling Harbour)
DEVONSHIRE ST
BELMORE PK
FOSTER ST
ELIZABETH ST
ALBION ST
GIPPS ST
CAMPBELL ST
MACQUARIE ST
COULBOURN ST
Junction of Parramatta St Sydney Cove and Kent St System
YURONG ST
RILEY ST
Inlet of Woolloomooloo Bay
CROWN ST
SYPHON 4'.0" CIRCULAR
OVIFORM SEWER 5'.0" × 3'.4"
INCLINATION 1 IN 1056
OVIFORM SEWER 5'.6" × 3'.8"
INCLINATION 1 IN 1056
INCLIN. 1 IN 2112
CIRCULAR SEWER 5'.9"
5.50
52.11
23.09
23.97
27.71
28.06
39.94
50.29
53.27
52.94
26.46
60.00
50.00
25.04
46.00
70.00
80.00
70.00
70.80
110.00
112.88
22.82
72.42
21.97
5 MILES
4 MS 24 CHS

DATUM LINE 8.18 Feet below Base Course of Custom House

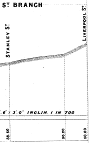
SYDNEY SEWAGE AND HEALTH BOARD

LONGITUDINAL SECTION

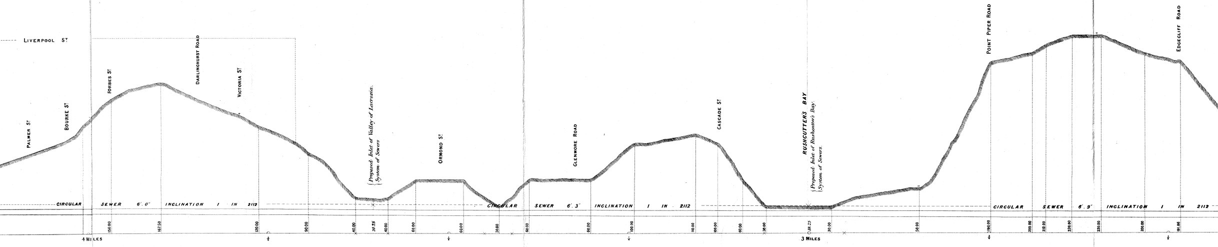
SHEWING PROPOSED **MAIN INTERCEPTING SEWER** DISCHARGING NEAR **BEN BUCKLER**

Horizontal Scale 4 Chains to 1 Inch.
Vertical do. 40 feet do. do.

E Moriarty



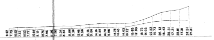
St BRANCH
STANLEY St
LIVERPOOL St
.6" × 3'.0" INCLIN. I IN 700
88.50
96.20
110.00



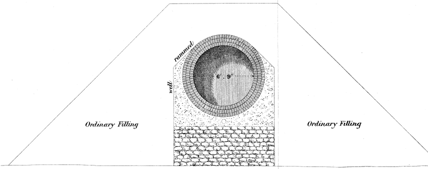
LIVERPOOL St
PALMER St
BOURKE St
FORBES St
DARLINGHURST ROAD
VICTORIA St
Proposed Inlet of Valley of Lacrozia System of Sewers
ORMOND St
GLENMORE ROAD
CASCADE St
RUSHCUTTER'S BAY
Proposed Inlet of Rushcutter's Bay System of Sewers
POINT PIPER ROAD
EDGECLIFF ROAD
CIRCULAR SEWER 6'.0" INCLINATION I IN 2112
CIRCULAR SEWER 6'.3" INCLINATION I IN 2112
CIRCULAR SEWER 6'.9" INCLINATION I IN 2112
150.00
167.50
120.00
90.00
40.00
20.25
40.00
60.00
60.00
30.00
60.00
60.00
100.00
110.00
100.00
60.00
30.00
18.25
30.00
50.00
190.00
200.00
210.00
220.00
220.00
200.00
191.86
4 MILES
¼
¼
¼
3 MILES
¾
½

HEAD.

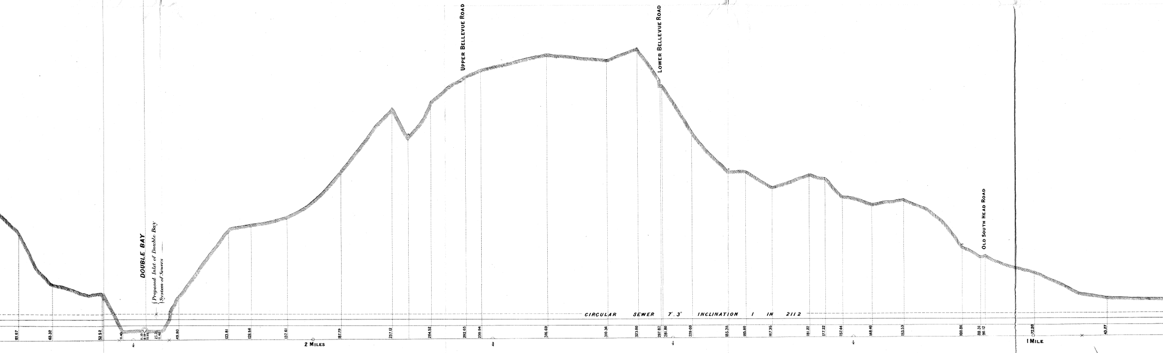
CROSS SECTION


9.42
7.73
10.52
7.72
10.52
7.72
10.69
8.19
10.76
7.96
11.36
7.96
11.36
8.36
11.86
9.36
12.46
9.56
13.16
9.86
14.16
9.86
14.76
9.86
14.78
10.43
14.63
10.73
15.63
12.93
18.73
14.03
22.53
15.73
26.13
16.43
28.31
17.31
29.81
17.31
32.51
17.31

— FIG.4 —

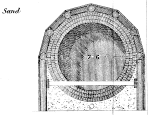

well rammed
6' . 9"
Ordinary Filling
Ordinary Filling

SECTION OF SEWER AT DOUBLE BAY


DOUBLE BAY
{Proposed Inlet of Double Bay
System of Sewers
UPPER BELLEVUE ROAD
LOWER BELLEVUE ROAD
OLD SOUTH HEAD ROAD
CIRCULAR SEWER 7'. 3" INCLINATION 1 IN 2112
121.67
63.32
52.52
11.40
11.15
8.19
10.69
15.78
11.46
49.80
123.81
128.56
137.61
187.79
257.12
264.52
292.65
299.94
316.69
310.34
323.80
287.82
281.80
229.60
185.38
185.80
167.35
181.22
177.22
157.44
148.40
153.53
100.86
89.31
90.12
72.20
43.27
¼
2 MILES
¾
½
¼
1 MILE

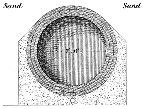
SCALE ¼ INCH TO 1 FOOT

FIG. 3



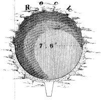
BRICK SEWER IN SAND (TUNNEL)

FIG. 2


Sand
Sand
7' 6"

BRICK SEWER IN SAND (OPEN CUTTING)

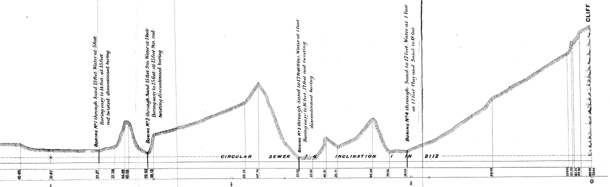
FIG. 1



TUNNEL IN ROCK

CROSS SECTION

Lagoon
Lagoon
29.79
30.39
31.69
33.27
34.27
33.67
34.27
34.51
35.06


BORING No. 1 through Sand 15 feet Water at 5 feet
Boring easy to 14 feet, at 15 feet
rod twisted, discontinued boring
BORING No. 2 through Sand 15 feet 9 in. Water at 1 foot
Boring easy to 15 feet, at 15 feet 9 in. rod
twisting discontinued boring
BORING No. 3 through Sand to 17 feet 6 ins, Water at 1 foot
Boring easy to 16 feet, 17 feet rod twisting
discontinued boring
BORING No. 4 through Sand to 17 feet, Water at 1 foot
at 17 feet Clay and Sand to 18 feet
CIRCULAR SEWER 7' 6" INCLINATION 1 IN 2112
CLIFF
40.85
11.87
33.27
37.38
65.28
65.28
29.63
30.13
85.33
107.76
23.52
23.52
45.51
35.71
66.38
30.55
30.55
98.45
138.06
151.33
151.32
162.90
168.46
10.00
0

NOTE { *Figures thus* 88.45 *denote Level of Surface of Ground above H.W.M*
Figures thus 10.00 *denote Level of Invert of Sewer above H.W.M*

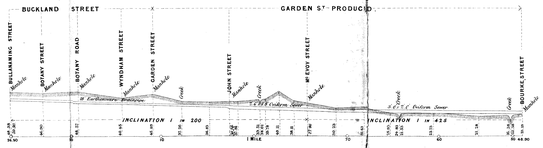
SYDNEY SEWAGE AND HEALTH BOARD.

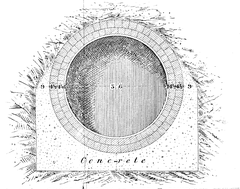
LONGITUDINAL SECTION

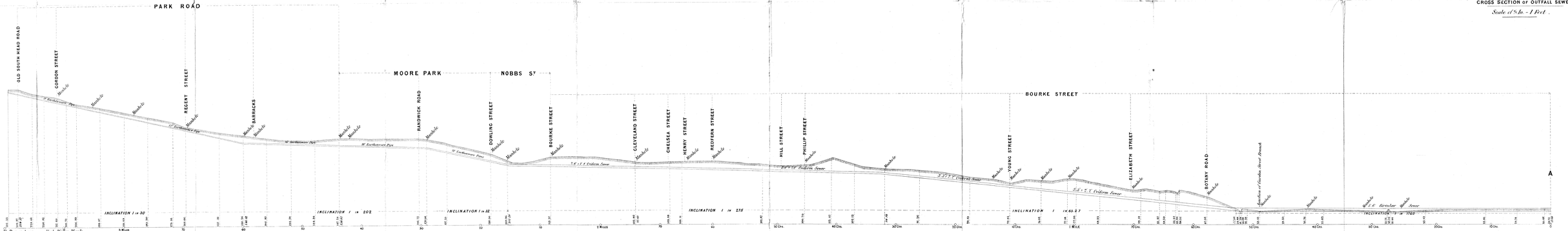
OF PROPOSED MAIN INTERCEPTING AND BRANCH SEWERS FOR SOUTHERN PORTION OF SYDNEY AND SUBURBS.

HORIZONTAL SCALE 4 CHAINS TO 1 INCH.
VERTICAL SCALE 40 FEET TO 1 INCH.

E. O'Moriarty







Datum Line High Water Mark.

NOTE. Figures thus 220 denote Level of Surface of Ground above H.W.M.
Figures thus 200 denote Level of Invert of Sewer above H.W.M.

SYDNEY SEWAGE AND HEALTH BOARD

PLAN OF PROPOSED SEWAGE FARM

FOR INTERMITTENT DOWNWARD FILTRATION OF SEWAGE.

NOTE. *Figures denote Levels above High Water, in Feet.*

Lines _____ denote Subsoil Drain Pipes.

Scale 2 Chains = 1 Inch.

E. Moriarty

A

5.6 SEWER OVIFORM.

Open Carrier

CHAPEL

Billwood Drain

Shea's Creek

SYDNEY SEWAGE AND HEALTH BOARD

GENERAL PLAN OF SYDNEY AND SUBURBS

SHEWING SCHEMES FOR DISPOSAL OF SEWAGE

AT BEN BUCKLER HEAD AND AT SEWAGE FARM SHEA'S CREEK.

Contours taken by Mr Grimsby at Balmain and the Western side of The Globe.

Crimson	20 ft.
Blue	40 ft.
Yellow	60 ft.
Vermillion	80 ft.
Green	100 ft.

Contours
Red denotes 20 ft. Contour
Yellow - 30 ft. -
- 40 ft. -
Neutral - 50 ft. -

E. O'Moriarty

NORTH HARBOUR
Grotto Pt
Inner North Head
FORT Middle Head
Obelisk Bay
Inner South Head
Bright Light. Revd. Elevation 309 ft.
Lady Bay
Light-Vessel
Sow & Pigs Reef
Camp Cove
FORT George's Head
Gap Bluff
Green or Lamb's Is
Mutton Harra
The Gap
Chowder Bay
Chowder Hd.
Taylors Bay
Watsons Bay
Vaucluse Bay
TIVOLI
VAUCLUSE
Bottle & Glass Moring
Outer South Head
Shark Bay
Shark or Steel Pt
Burroway
Greycliffe
Vaucluse
Hermit Bay
Shark Island
Diamond Bay
Bradley's Head
Robertson's Pt
Milsons Pt.
Kirribilli Pt
Fort Denison
Dawes Pt.
Fort Macquarie
Lady Macquarie's Chair
Garden Isd
Clarkes Island
Point Piper
Darling Pt.
Rose Bay
Double Bay
Elizabeth Bay
Potts Pt
Sydney Cove
Farm Cove
Woolloomooloo Bay
Hulk or Lavender Bay
Blues Pt.
Careening Cove
Shoal Cove
Great Sirius Cove
Mosmans Bay
Little Sirius Cove
Scotts Head Reserve
Balls Head
Berry Bay
Balls Head Bay
Gore Cove
Nann's Pt
Long Nose Pt
Goat Isd
Snails Bay
Waterview Bay
Simmon's Pt.
Miller's Pt
Peacock's Pt
Schnapper Isd
Spectacle Isd.
Onion's Pt
LANE COVE RIVER
Cockatoo Island
Fitzroy Dock
BIRCH GROVE
TARBAN CREEK
Terban Pt.
Wrights Pt.
Pulpit Pt
Three Brothers
Yenbeck Pt
NORTH RYDE
SOUTH RYDE
Blackwall Pt.
Fig Tree Bay
Five Rock Bay
FELTHAM
BIRKENHEAD
Schnapper Isd
Sisters Bay
Half Moon Bay
Ellebank
FIVE DOCK ESTATE
Iron Cove
Long Cove
Hen and Chicken Bay
FERRY GARDENS
Maidavale
GIPPS TOWN
Iron Creek
BROUGHTON
GARRY OWEN
Rozelle Bay
Black Wattle Cove
Johnstones Bay
Jones's Bay
Elizabeth Bay
Glebe Isd
Darling Harbour
PYRMONT
WHITE BAY
HOLLINGTON
Torbeth Park
LYNDHURST
Austenham
Drumsylla
LEICHHARDT
MARYVILLE
HAYHILL
ELSWICK
DOBROYD
SYDENHAM WEST
GREAT SOUTHERN AND WESTERN RAILWAY
LONG CREEK
WHITES CREEK
ANNANDALE ESTATE
JOHNSTONS CREEK
NORTH KINGSTON
SOUTH KINGSTON
CHARLESVILLE
NORWOOD
LEWISHAM
VIRGINIA WATERS
STANMORE
PENCIL CREEK
MACDONALD TOWN
CANTERBURY ESTATE
SYDENHAM CANTERBURY FARMS
PETERSHAM FARMS ESTATE
MARRICKVILLE
FRANKFORD
DARLEY
DILLON TRO
MARRICKVILLE ESTATE
SYDENHAM FARMS
MARRICKVILLE
CANTERBURY
COOKS RIVER
WOLLI CREEK
ST PETERS
Canterbury
Aurora Ville
Ranover Cureus
Cooper
BOTANY
Gum-an-nan
MUDDY CREEK
Mr 7855 75.
Sydney Suburban Sewage & Health Board 7th Oct.
That no Oyster or other Layers be leased of the Reserve about.
Withdrawn without consulting me.
Signed
M.H. Pell Chairman.
NOTE. The areas and capacities of the following Reservoirs are from the accurate Survey in Jan.y 1876 by Officers of the Survey Dept.
Engine Pond.
Mill Pond.
No 1
No 4 & 5
No 6.
Engine Pond
54 ac
93½ millions gallons
No 1
14 ac
18 millions gallons
No 2
No 3
26 ac
No 4 & 5 22 ac
36 millions gallons
No 5
No 6
22 ac
30 millions gallons
BOOROOLEE
EPPING
Drainage Area 1076 Acres
Water Reserve. 768 acres
Moore Park
CRICKET GROUND
RIFLE RANGES
Prince Alfred Park
ALBION ESTATE
Burial Ground
PADDINGTON
McLACHLAN ESTATE
WATERLOO ESTATE
LACHLAN MILLS ESTATE
Race Course
Bishops Court
Asylum
PIPER ESTATE
R.C. School
BONDI ESTATE
Bondi Bay
Ben Buckler
Dixons Bay
Nelson Bay
Shark
Little Congwong Bay
Gordons Bay
Congwong Bay
South Bondi
Marcubra Bay
Long Bay
LONG BAY
Little Bay
Cape Banks
Cape Solander
Monument
Tower
Sir Joseph Banks Hotel
BANKS MEADOW
BUNNERONG
BOTANY BAY
Townson's Bay
SANDRINGHAM
Dolls Pt
SANS SOUCI
Rocky Pt
GEORGE'S RIVER
SCALE 20 CHAINS TO 1 INCH

EXPLANATION

Municipality Boundaries ..... Shewn thus .-.-.-.-.-
Upper Water Reserve Boundary ..... do .-.-.-.-.-
Railway Appropriations are Shewn by a Black band
For the City of Sydney, Boroughs of Paddington and Redfern and parts of Camperdown and The Glebe, vide also large Scale Map.

SYDNEY SEWAGE AND HEALTH BOARD

PLAN SHEWING

PROPOSED SCHEME FOR DRAINING

A PORTION OF SYDNEY AND SUBURBS.

ON

SOUTH SIDE OF DIVIDING RIDGE.

Scale 4 Chains = 1 Inch.

S. H. Moriarty

REMARKS.

This Plan has been compiled from the latest, and most authentic surveys of the various Municipalities.
The Levels of the Surface of Ground, are shewn in Black Figures, and denote heights above High Water at Sydney Cove.
The Contours are shewn in Black Figures, at intervals of 10 Feet.

RAILWAY TERMINUS
DEVONSHIRE STREET
ALFRED STREET
PRINCE
BEDFORD PARK
CASTLEREAGH ST
UPPER
BELVOIR ST
CLEVELAND ST
JAMES ST
BOTANY RD
WILSON ST
BURNETT ST
ELIZABETH ST
TURNER ST
ALBERT ST
EAST ST
RAGLAN ST
BULLANAMING ST
JOHNSTON ST
McEVOY ST
ELIZABETH STREET
WALKER ST
PHILLIP ST
KELLICK ST
WELLINGTON ST
BOURKE ST
ALBION ST
ANN ST
FOVEAUX ST
LIT ALBION ST
HILL ST
SHORT ST
NAPIER ST
LIT NAPIER ST
SELWYN ST
CHURCH ST
LIT DOWLING ST
DOWLING ST
NICHOL ST
HUTCHINSON ST
NORTON ST
PARRY PL
BENNETT ST
JAMESON ST
ALEXANDRIA ST
SURRY ST
VICTORIA ST
TUDOR LA
DAVY ST
NOBBS ST
LANE
UNION ST
COOPER ST
REDFERN ST
HERRY ST
CHELSEA ST
LIT CLEVELAND ST
STANLEY ST
BELLEVUE ST
HILL ST
MARSHALL ST
COLLEGE ST
HOLT ST
WATER MAIN
LAIDE ST
CHURCH ST
DAVY ST
SARAH ANN STR T
HOLTS PLACE
WILTON LA
MACQUARIE LA
BELVOIR ST
VICTORIA BARRACKS
PARK ROAD
LEINSTER ST WEST
LEINSTER ST EAST
STEWART ST
RENNY ST
UNION ST
UNDERWOOD ST
QUEEN ELIZABETH ST
CHURCH ST
HARGRAVE ST
WINDSOR ST
PADDINGTON
CALEDONIA STREET
POINT PIPER ROAD
SOUTH HEAD ROAD
VERONA ST
PROSPECT PLACE
SHADFORTH ST
ENGLEHURST ST
HELY ST
SARAH ST
PERRY LA
MOORE PARK
RIFLE RANGES
CRICKET GROUND
TUNNEL RESERVE
ALBERT CRICKET GROUND
ALDERSONS Tanning TANNERY
MAGILLS NURSERY
Mount Steel
Mt Renny
Reserve for Cemetery (now cancelled)
Mount Carmel R.C. Chapel
Pond
Cultivation
Garden
Line of Water Main from Pumps at Botany
ROAD TO RANDWICK AND COOGEE
BUNNERONG ROAD
Terrys Grant
Botany Swamps
Botany Bay
Lachlan Swamps
Lachlan Pond
15" Earthenware Pipe
12" Earthenware Pipe
9" Earthenware Pipe
6" Earthenware Pipe
4" Earthenware Pipe
3" Earthenware Pipe

SYDNEY SEWAGE AND HEALTH BOARD

PLAN OF SYDNEY AND SUBURBS

SHOWING EXISTING SYSTEM OF DRAINAGE AND ALSO SCHEME FOR INTERCEPTING AND PREVENTING THE FLOW OF SEWAGE INTO THE HARBOUR.

LOCALITY DRAINED.	BAY OR COVE RECEIVING DRAINAGE.	STREET OR WHARF AT WHICH SEWERS DISCHARGE.	TINT ON PLAN.	AREA IN ACRES.
North of Leichhardt Street			Yellow	
Leichhardt Street to Ferry Road			Purple	36½
Ferry Road to Denman Street			Brown	23½
Denman Street to Cowper Street			Slate	70½
Darby Place and Cowper Street to Newtown Road	Blackwattle Bay		Brown	95
Darlington, and portions of Redfern, Phillip and Denison Wards		Wattle Street	Blue	200
			Brown	50
West portion of Pyrmont, north of Bridge Co.'s Road	Elizabeth Bay		Purple	
Northern portion of Pyrmont	Jones' Bay		Pink	9
North-eastern portion of Pyrmont	Pyrmont Bay		Green	34½
East portion of Pyrmont			Slate	
East portion of Pyrmont		Belmore Street	Pink	416
Portions of Denison and Phillip Wards		Thomas Street	Brown	11½
From Liverpool to Bathurst Streets		Bathurst Street	Blue	45
,, Thomas Street to Bathurst Street		Bathurst Street	Green	23
,, Bathurst Street to Washington Street		Whittle's Wharf	Slate	25½
,, Bathurst Street to Market Street		Druitt Street	Yellow	11½
,, Market Street to 6 chains north of Market Street	Darling Harbor	Market Wharf		
,, Six chains north of Market Street to 6 chains north of King Street		King Street	Purple	10½
,, Six chains north of King Street to Erskine Street		Erskine Street	Brown	9
,, Erskine Street to Crescent Street		Margaret Street	Blue	17½
One chain each side of Clyde Street		Bathurst Street	Green	1½
One chain each side of Wentworth Street		Clyde Street	Yellow	1½
		Wentworth Street	Brown	6½
One-and-a-half chains each side of Crown Road		Cuthbert's Wharf	Blue	3½
Between Kent Street, National School, Observatory and Argyle Street		Throckmorton's Wharf		
Portions of Fort Street, Argyle and Windmill Streets		Kent Street	Pink	16½
Between Observatory, National School to George Street, and from Charlotte Place to Lower Fort Street		Pottinger Street	Green	7
(Old Tank Stream) From Victoria Theatre to Outer Quay		Queen's Wharf	Slate	50
From Fort Macquarie to Bathurst Street	Sydney Cove	Pitt Street	Pink	37
Inner Domain, Botanical Gardens and portion of Outer Domain		Fort Macquarie	Green	170
From centre of Hyde Park to Upper William Street, and from Albion and Oxford Streets, and Darlinghurst Road to Cowper Wharf	Farm Cove			
Portions of Victoria Street, Albert and Macleay Streets	Woolloomooloo Bay	Forbes Street	Blue	270
West portion of Potts' Point	Woolloomooloo Bay	Duke Street	Pink	12½
East portion of Potts' Point			Yellow	19½
Point between Elizabeth and Rushcutter Bays	Elizabeth Bay		Brown	48½
Elizabeth Bay Road, Kellet Street and Upper William Street, east			Green	3½
Paddington and part of Woollahra			Slate	45½
West portion of Darling Point	Rushcutter's Bay		Pink	57½
North portion of Darling Point			Brown	55½
East portion of Darling Point			Slate	17½
	Double Bay		Pink	