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#### DEPARTMENT OF DOCKS.

Seventeenth Annual Report, for the Year Ending April 30, 1887.

# DEPARTMENT OF DOCKS, PIER "A," BATTERY PLACE, NORTH RIVER, NEW YORK, April 30, 1887.

To the Honorable ABRAM S. HEWITT, Mayor of the City of New York :

To the Honorable ABRAM S. HEWITT, Mayor of the City of New York : SIR—The Department of Docks, in pursuance of section 710, of chapter 410, Laws of 1882, has the honor to present its Annual Report for the year commencing May 1, 1886, and ending April 30, 1887, containing, "1. The name, occupation and compensation of all persons appointed and employed by said Department. 2. A statement of the action of the Board for the past year, classified with reference to the various subjects and duties which have engaged the attention of the Board. 3. A list of the orders and rules made by said Department and the purposes and amounts thereof; and the leases made by said Department, for what rent, to whom, and for what property." Verv respectfully. Very respectfully,

LUCIUS J. N. STARK, JAMES MATTHEWS, JOSEPH KOCH, Commissioners.

#### FIRST

The following is a list of those who were employed by the Board, April 30, 1887, showing the name, occupation and compensation of each, respectively :

#### · Commissioners' Office.

| B. W. Ellison, Secretary  | \$3,000 00 per annum. |
|---|-----------------------|
| Francis E. Moon, Chief Clerk  | 2,000 00 "            |
| John H. Matthews, Clerk to the Treasurer  | 2,000 00 "            |
| James Weir, Apportionment Clerk   | 2,000 00 "            |
| Charles Miller, Jr., Recording Clerk  | 1,440 00 "            |
| Charles Miller, Jr., Recording Clerk<br>George H. Laughlin, Jr., Engrossing Clerk | 1,500 00 "            |
| Louis S. Kellogg, Clerk   | 1.200 00 "            |
| Berthold Sommer, Index Clerk  | 900 00 "'             |
| John Simpson, Dock Master   | 1.800 00 "            |
| Patrick Curley, Dock Master   | 1,800 00 "            |
| Patrick J. Brady, Dock Master   | 1,800 00 "            |
| Joseph B. Erwin, Dock Master  | 1,800 00 "            |
| Anthony Hartman, Dock Master  | 1,800 00 "            |
| Charles B. Husted, Dock Master  | 1,800 00 "            |
| Charles H. Thompson, Dock Master  | 1,800 00 "            |
| Edward Abeel, Dock Master   | 1,800 00 "            |
| Eugene McCarthy, Dock Master  | 1.800 00 "            |
| Chas. P. Blake, Dock Master   | 1,800 00 "            |
| Joseph F. Sharkey, Dock Master  | 1,800 00 "            |
| John Callan, Dock Master  | 1,800 00 "            |
| David W. Bogert, Janitor  | 1,200 00 "            |
| Nelson Parker, Assistant Janitor  | 750 00 "              |
| Thomas H. Ferris, Assistant Janitor   | 2 00 per day.         |
| Max Drucker, Messenger  | 100 00 per month.     |
| George S. Hunt, Messenger   | 8 oo per week.        |
| J. Dewitt Foshay, Doorman and Watchman  | 25 per hour.          |
| Michael Magee, Doorman and Watchman   | 25 "                  |
| Bernard Garvey, Doorman and Watchman  | 25 "                  |
| Mary Dowling, Cleaner.  | 1 30 per day.         |
| Catharine Lyons, Cleaner  | I 30 "                |
|   |                       |

#### Engineer-in-Chief's Office.

| George S. Greene, Jr., Engineer-in-Chief           | \$6,000 00 per annun |
|--|----------------------|
| Willard A. Nichols, First Assistant Engineer       | 3,000 00 "           |
| Edward C. Reynolds, Assistant to Engineer-in-Chief | 2,000 00 "           |
| Henry C. Freeman, Clerk to Engineer-in-Chief       | 1,800 00 "           |
| Alfred U. Jacobs, Clerk                            | 1,200 00 "           |
| Frank P. Rush, Clerk                               | 1,000 00 "           |
| Edward Gottschall, Searcher of Water Grants        | 1.200 00 "           |
| Frederick Lange, Stationery Clerk and Messenger    | 1,200 00 "           |
| Alex. M. Goge, Draughtsman                         | 1,000 00 "           |
| N. J. Vander Weyde, Draughtsman                    | 1,000 00 "           |
| John A. Duntze, Draughtsman                        | 1,200 00 "           |
| Edgar B. Gosling, Draughtsman                      | 900 00 "             |
| Robert M. Kid, Draughtsman                         | 110 00 per mont      |
|  |                      |

#### On Permanent Work, North River

| On I trimunchi Work, Worth River.  |   |
|--|---|
| William W. Maclay, Superintendent of Section<br>Winfield S. Lasher, Assistant Engineer   | \$2,500 00 per annum.<br>2,000 00 "   |
| Patrick White, Foreman of Piling and Woodwork<br>Mortimer W. Casper, Inspector of Pier Building                                | 100 00 per month.<br>50 per hour.   |
| George W. Carpenter, Inspector of Dredging.<br>John McDonough, Inspector of Dredging.<br>Thomas Hanly, Foreman of Dockbuilders | 25 "<br>25 "  |
| Daniel Hart, Foreman of Dockbuilders   | 35 "<br>35 "  |
| Edwin A. Gregory, Foreman of Laborers<br>John Jackson, Foreman of Laborers   | 35 "  |
| Adoniram Fairchild, Diver<br>Frank Paul, Diver   | $7 \stackrel{\text{oo}}{5} \begin{cases} \text{per day of} \\ 4 \text{ hours or} \\ \text{less.} \end{cases}$ |
| Patrick Griffin, Divers' Tender.<br>John R. Leary, Divers' Tender.<br>Effingham V. Smith, Timekeeper.                          | 35 per hour.<br>35 "<br>900 oo per annum.   |

| 1 | On Floating Property.   |   |
|---|---|---|
|   | John H. Corley, Superintendent of Machinery.<br>David H. Lane, Clerk, Floating Property.<br>Samuel Fitzpatrick, Office Keeper and Messenger.<br>Thomas Stuyvesant, Captain, Detrick "City of New York".<br>"Charles A. Martin, Captain Detrick "City of New York".<br>"Charles A. Martin, Captain Tug "Manhattan ".<br>Dohn Sloan, Filot, Tug "Manhattan ".<br>Edward Lasher, Eugineer, Tug "Manhattan ".<br>Thomas McGrath, Deckhand, Tug "Manhattan ".<br>John Heenan, Fireman.<br>Edward Conklin, Captain, Pile Driver.<br>William Love, Captain, Pile Driver.<br>William H. Rose, Engineer, Pile Driver.<br>William H. Rose, Engineer, Pile Driver.<br>Dohn F. Eagan, Engineer, Pile Driver.<br>Josen H. Sumith, Engineer, Pile Driver.<br>Josen H. Burnham, Engineer, Pile Driver.<br>Josen H. Burnham, Engineer, Pile Driver.<br>Josen H. Burnham, Engineer, Pile Driver.<br>Josen H. M. Smith, Engineer.<br>James Vandegrift, Fireman<br>Patrick H. McCullough, Roundsman. | \$1,500 00 per annum.<br>900 00 ""<br>15 00 per week.<br>25 50 ""<br>125 00 per month.<br>100 00 ""<br>50 00 ""<br>50 00 ""<br>50 00 ""<br>35 per hour.<br>35 per hour.<br>35 ""<br>35 ""<br>3   |
| I | Surveying Force.  |   |
|   | Frederick P. Thompson, Surveyor         J. Frank Johnson, Leveler         Patrick Crowley, Rodman.         John F. Williams, Rodman.         Hiram C. Calkins, Hydrographer         Irwing K. Taylor, Hydrographer         John Post, Boatman.         John Post, Boatman.         John Post, Boatman.         John S. Markham, Scowman.         Charles Thompson, Boatman.         Janes V. Dikeman, fr., Chainman.         John S. Markham, Scowman.         Charles Thompson, Boatman.         John S. Markham, Scowman.         Ole Olssen, Scowman.         General Repairs Force.         David F. McCarthy, Superintendent of Repairs.         † John C. Donohue, Clerk, General Repairs Force.         John W. Ingalls, Clerk.         William J. Trimble, Temporary Clerk.   | \$2,000 00 per annum.<br>I,200 00 ""<br>I5 00 per week.<br>I5 00 per week.<br>I5 00 re month.<br>I2 00 re week.<br>I2 00 ""<br>I5 00 ""<br>I5 00 ""<br>I5 00 per week.<br>I5 00 ""<br>I5 00 ""<br>I5 00 ""<br>I5 00 ""<br>I5 00 ""<br>I5 00 ""  |
| l | On the Works.   |   |
|   | Robert M. Sterritt, Foreman, West Fifty-seventh Street Vard.         Marcus Cane, Janitor, West Fifty-seventh Street.         Theodore F. Alling, Blacksmith.         Richard McCarthy, Blacksmith's Helper.         William H. Cunlifte, Painter.         John Bruton, Mason and Stone Cutter.         John Bruton, Mason and Stone Cutter.         John J. Boyle, Carpenter.         Hugh Daly, Carpenter.         John Z., Grant, Carpenter.   | \$100 00 per month.<br>100 00 ""<br>35 per hour.<br>20 ""<br>35 "<br>40 "<br>35 |
|   | Marcellus Grant, Carpenter<br>Daniel McLaughlin, Carpenter  | 35  |
|   | Frank Doughty, Carpenter  | 35 "  |

On Floating Property.

| Charles Eagle, Carpenter           |                                   |                                  |
|------------------------------------|-----------------------------------|----------------------------------|
| Edward Freel, Carpenter.           |                                   | 25 **                            |
| John McNamara, Carpenter           |                                   |                                  |
| william Fisher, Rigger             |                                   | IS oo per week.                  |
| Louis J. Quistwater, Rigger        |                                   | 15 00 "                          |
|                                    |                                   |                                  |
|                                    | Watchmen, 162/3 Cents per How     | ur.                              |
| Lawrence F. Broderick.             | Thomas J. Larkin.                 | James O'Reilly.                  |
| John Crandall.                     | Patrick McNary.                   | Edmund K. Stephens.              |
| William Cringle.                   | Terence McGough.                  | William Strowbridge.             |
| Patrick Donnelly.                  | John Murray.                      | Amos Stokey.                     |
| John Gannon.                       |                                   |                                  |
| Temp                               | orary Watchmen, 162/3 Cents per   | r Hour.                          |
| George Kimball.                    | Robert Mularkey.                  | Caleb A. Simms.                  |
| Albert Spitzer.                    | reobert manney!                   | outob III billingi               |
|                                    | Dockbuilders, 28 Cents per How    | r.                               |
| William Barr.                      | Patrick Horan.                    | Thomas Molloy.                   |
| Edward Brady.                      | William Jordan.                   | Michael Monoghan.                |
| John Benson.                       | Thomas Kiernan.                   | Peter Nolan.                     |
| Charles Clark.                     | John Love.                        | Patrick Ryan.                    |
| James Clark.                       | Alexander Law.                    | Joseph Shivnan.                  |
| John Daniels.                      | Peter McArdle.                    | James Smith, No. 1.              |
| Joseph Doyle.                      | Matthew McDonald.                 | James Smith, No. 2.              |
| John Duke.                         | Ronald McDonald.                  | John Stokey.                     |
| Daniel Duffy.                      | John J. McEntee.                  | Charles Swanson.                 |
| William Dally.                     | Martin N. O'Donnell.              | Ambrose C. Tanner.               |
| Edward Fitzpatrick.                | John Malone.                      | Patrick Whalen.                  |
| John Fitzpatrick.                  | Thomas Moran.                     | James Wood.                      |
| Patrick Geoghegan.                 | Timothy Murphy.                   |                                  |
| William Gibbons.                   | Patrick H. Murray.                |                                  |
|                                    | Laborers, 23 Cents per Hour.      |                                  |
|                                    |                                   |                                  |
| Thomas Ahearn.                     | James W. Carson.                  | Michael Farrell.                 |
| Alexander Aikman.                  | Jeremiah Collins.                 | Jeremiah Fitzpatrick.            |
| James Bagley.                      | Thomas Cody.                      | William J. Gavin.                |
| William Baillie.                   | Thomas Coady.                     | Andrew Gallagher.                |
| George Bambury.                    | Patrick Coyle.<br>William H. Cox. | Bartley Hartens.                 |
| Christopher Barden.                |                                   | James Keane.<br>Matthew Keefe.   |
| William Barrett.                   | Charles W. Crossen.               |                                  |
| John Barrett.                      | Charles Daniels.                  | William Kehoe.                   |
| Edward Barry.<br>James Bransfield. | James Darby.<br>Richard Dever.    | Bernard Kelly.                   |
| Michael Broderick.                 |                                   | Patrick Kelly.<br>James Kennedy. |
| Thomas E. Brady.                   | George J. Davis.<br>John Devine.  | Michael H. Leach.                |
| Peter Brown.                       | Joseph Devlin.                    | John Lestrange.                  |
| Peter Burke.                       | John Dillon.                      | Patrick Lestrange.               |
| Simon Binswanger.                  | Thomas B. Doran.                  | Hugh McCann.                     |
| Patrick Butler.                    | William Dowling.                  | Edward McDonald.                 |
| Dennis Caniff.                     | William H. Ellis.                 | Henry C. McCord.                 |
| Bartholomew Carr.                  | John English.                     | James P. McCaffrey.              |
| Thomas C. Carroll.                 | John C. Farlow.                   | Patrick McGowan.                 |
|                                    |                                   |                                  |

\* Suspended.

† On sick leave, without pay.

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|---|--|---|--|
| John McGrath.   | John Murphy.   | William J. Riley<br>Michael Ryan.<br>Edmund Sheridan.<br>Edward R. Smith.   | February 10, 1887—John M. Smith, Dock Master, resigned.<br>March 10, 1887—Jhmas P. Ryan, Laborer, discharged.<br>March 18, 1887—James Cloonan, Thomas B. Doane, Laborers, discharged.<br>April 6, 1887—Benjamin Eckstein, Laborer, discharged.<br>April 30, 1887—Patrick J. McDonagh, Carpenter and Caulker, discharged.<br>April 30, 1887—Stephen A. Filan, Laborer, discharged.<br>April 30, 1887—Charles Hill, Dockbuilder, discharged.<br>April 30, 1887—Charles Hill, Dockbuilder, discharged.<br>April 30, 1887—Bennett W. Ellison, Secretary, resigned.<br>The tollowing, changes, in castes of compensation and efficied designation of employees were |
| Dennis McLaughlin<br>John McSorley.   | John Murphy.<br>Nicholas Murphy.<br>Richard Mulroy.  | Edmund Sheridan.  | March 10, 1887—Thomas P. Ryan, Laborer, discharged.<br>March 18, 1887—James Cloonan, Thomas B. Doane, Laborers, discharged.  |
| Alexander McVitty.<br>Timothy McMahon,  | John Moroney.<br>Daniel Nolan.   | Edward R. Smith.<br>John Scanlon.   | April 6, 1887—Benjamin Eckstein, Laborer, discharged.  |
| James McKeever.   | Robert Nolan.  | Jacob Sussman.  | April 30, 1887—Stephen A. Filan, Laborer, discharged.  |
| Thomas Mahan.<br>Dennis Meehan.   | Frank Pierson.<br>Patrick Quinn.   | Thomas Sullivan.<br>Patrick Smith.  | April 30, 1887—Charles Hill, Dockbuilder, discharged.<br>April 30, 1887—Bennett W. Ellison, Secretary, resigned.   |
| Thomas Malloy.<br>Patrick Maguire.<br>Louis F. Merlino.                                       | Patrick Quinn.<br>Thomas Quinlan.<br>Jeremiah Quinn.   | Patrick Smith.<br>Henry Thomas.<br>Charles S. Thompson.   | The following changes in rates of compensation and official designation of employees were made :   |
| Louis F. Merlino.   | George Ratterty.   | Frank Whelan.   | May 3, 1886-Compensation of Cleaners employed in Department Offices. Pier "A," North   |
| James Mallon.   | John Reeves.   |   | River, increased thirty cents per day.<br>July 22, 1886—Edward Gottschall, Private Secretary to the President, assigned to the position  |
| Appointments from May 1,<br>May 3, 1886.—Edward Las   | sher. Temporary Engineer. Tug  | "Manhattan."  | of Searcher of Water Grants, on and after August I, 1886, at \$1,200 (subject to Civil Service   |
| May 3, 1886.—John McDer<br>May 2, 1886.—John Heena  | mott, Laborer.   | Manhattan."<br>Joran, Thomas C. Mack, Peter Bra   | [July 22, 1886—The office of Private Secretary to the President was abolished, to take effect<br>August 1, 1886.   |
| May 10, 1886.—John J. Ha  | gan, Richard Reilly, Michael H   | oran, Thomas C. Mack, Peter Bra   | August 1, 1886.<br>July 22, 1886—David W. Bogert, Janitor, reduced to \$900 per annum.   |
| Edward R. Smith, Laborers.  | rby, Hugh McCann, Laborers.  | *   | July 22, 1886-Berthold Sommer, Index Clerk, assigned to perform duty as Clerk and Mes-   |
| July 22 1886 John I Cim   | man Dool Master  |   | senger, at \$900 per annum.<br>October 20, 1886—Pay of Painters increased from 30 to 35 cents per hour.  |
| August 5, 1886.—John Mur<br>August 20, 1886.—Henry T  | ppon, Lock Master.<br>phy, Laborer.<br>Chomas, Christopher Barden, La<br>& Keefe, Laborer.<br>I Foley, Carpenter.<br>s Clark, Dockbuilder.   | borers.   | Compensation fixed as follows :<br>November 16, 1886—David F. McCarthy, Superintendent of Repairs, \$2,000 per annum.  |
| August 27, 1886.—Matthew<br>September I, 1886.—Danie  | Keefe, Laborer.  |   | November 16, 1886–Frederick P. Thompson, Surveyor, \$2,000 per annum.<br>November 16, 1886–Frederick P. Thompson, Surveyor, \$2,000 per annum.<br>November 16, 1886–William Shedlock, Superintendent of Machinery, \$2,000 per annum.  |
| September 16, 1886. – James   | s Clark, Dockbuilder.  |   | November 10, 1880—William Shedlock, Superintendent of Machinery, \$2,000 per annum.<br>November 16, 1886—E. C. Reynolds, Assistant to Engineer-in-Chief, \$2,000 per annum.  |
| September 24, 1886.—Jame<br>September 24, 1886.—Thom  | s Hayes, Laborer.<br>nas McGrath, Deckhand, Tug '  | 'Manhattan.''   | November 16, 1886—Winfield S. Lasher, Assistant Engineer, \$2,000 per annum.   |
| September 29, 1886.—Henr<br>October 14, 1886.—James M   | y Condon, Fireman, Tug "May  | nhattan."   | November 16, 1886—George H. Laughlin, Jr., Engrossing Clerk, \$1,500 per annum.<br>November 16, 1886—Max Drucker, Messenger, \$1,200 per annum.<br>November 16, 1886 – David W. Bogert, Janitor, \$1,200 per annum.  |
| October 21, 1886.—Patrick   | s Clark, Dockmark,<br>nas McGrath, Deckhand, Tugʻ<br>y Condon, Fireman, Tugʻ'Mau<br>Jolloy, Laborer.<br>Curley, Dock Master.<br>I McCarthy, Blacksmith's Helpe<br>Durida, Michael Manchen, Chi |   | November 16, 1886 – David W. Bogert, Janitor, \$1,200 per annum.   |
| October 21, 1886.—Richard<br>October 21, 1886.—John D   | McCarthy, Blacksmith's Helpe<br>Daniels, Michael Monohan, Ch   | er.<br>arles Eagle, Thomas Freel, Doc   | November 16, 1886—John Duntze, Draughtsman, \$1,200 per annum.<br>November 16, 1886—John W. Ingalls, Clerk, \$1,000 per annum.   |
| buildanc  |  |   | December 8, 1886—Chief Clerk substituted.  |
| ley Hartens, Frank Wheelan, Jo  | hn Barrett, Rhoday Kennedy, I  | ick Burke, James McKeever, Bar<br>Richard Diver, Patrick Jones, Jam<br>atrick Quinn, W. C. Rogers, Jam<br>mas Quinlan, Michael Broderic   | January 12, 1887—Henry C. Freeman, \$1,800 per annum.<br>January 28, 1887—Hosition of Dock Superintendent abolished.<br>February 25, 1887—Ivring K. Taylor, Hydrographer, \$1,200 per annum.<br>February 25, 1887—Compensation of Scowmen, \$15 per week of six days.  |
| Purcell, Bartholomew Carr, Jose<br>Carroll, Frank Morgan, Willia                              | eph Curry, William McJoilly, Pam Kyle, Richard Mulry, The  | atrick Quinn, W. C. Rogers, Jam   | February 25, 1887—Irving K. Taylor, Hydrographer, \$1,200 per annum.   |
| George Rafferty, William Barret   | t, Laborers.   | and quinning minimum production   | February 25, 1887—Compensation of Scowmen, \$15 per week of six days.<br>March 2, 1887—J. Frank Johnson, Leveler, \$1,200 per annum.   |
| November 11, 1886.—W. C<br>November 11, 1886.—Charl   | . Rogers, Painter.<br>es Clark, John Duke, John Mal  | one, Dockbuilders.  |  |
| November 11, 1886John   | Reilly, Henry C. McCord, Jos   | one, Dockbuilders.<br>eph Devlin, Thomas Tully, Jam<br>rlow, Humphrey Driscoll, Walt  | SECOND.  |
| Crook, John Moroney, William<br>November 16, 1886.—Charl                                      | Reilly, James McCormick, Geo   | ge Bambury, Laborers.   | The Board submits the following statement of the subjects and duties which have engaged its attention during the year ending April 30, 1887 :  |
| November 16, 1886.—Charl<br>November 16, 1886.—Williz   | es B. Husted, Dock Master.<br>am I. Trimble, Temporary Cler  | k.  |  |
| November 16, 1886.—Willia   | m Gibbons, John Horan, Thom  | k.<br>as Cody, Patrick Horan, Alexand   | I. – ORGANIZATION.<br>June 9, 1886 – Commissioner Stark elected President of the Board for the year ending April   |
| Law, Michael Crowley, Dockbur<br>November 16, 1886.—Domi                                      | nick Brown, Laborer.   |   | 30, 1887.  |
| November 16, 1886.—John :<br>November 26, 1886.—Jacob   | Stevenson, Marcus Cane, Tempo  | orary Watchmen.   | June 10, 1886 - Commissioner Matthews was elected Treasurer of the Board for the year ending<br>April 30, 1887.  |
| December 1, 1886.—George  | e Davis, Laborer.<br>c Coyle, William McPoland, La   |   | II.—GENERAL DUTIES.  |
| December 8, 1886.—Patrick<br>December 16, 1886.—Frank   | Coyle, William McPoland, La<br>Doughty, Carpenter.   | borers.   | The duties which, under existing statutes, are imposed upon this Department, and which the<br>Board governing the same is authorized to perform, are varied, many of which are purely legislative,   |
| December 16, 1886.—Charl  | e Doughty, Carpenter.<br>les Daniels, Volkert C. Roth, Mi  | ichael Carney, Laborers.  | and were exercised by the State Legislature prior to the creation of a Board of Docks and of which   |
| December 31, 1886.—Micha  | ael Ryan, Alexander McVetty,   | , Thomas Cody, Laborers.<br>John English, John Scanlon, Pet   | r the following form substantially the leading features :<br>To manage and supervise the entire water front of the city, private as well as public, to see   |
| Burke Laborers  |  |   | that these properties are kept in suitable condition and repair for general use, and that the slips, basins and wharves are properly dredged.  |
| January 7, 1887-George H  | . Kid, Draughtsman.<br>. Kimball, Temporary Watchma<br>Simms, Temporary Watchman.<br>rine, Laborer.<br>Jularky, Temporary Watchman.  | an.   | To make rules and regulations concerning the use of the water-front, and to set aside portions   |
| January 10, 1887—Caleb A.<br>January 10, 1887—John Dev  | Simms, Temporary Watchman.   |   | thereof for special kinds of commerce best calculated to promote the general business interests and commercial welfare of our city   |
| January 12, 1887-Robert N   | Iularky, Temporary Watchman.   | Cloonan John Reeves Laborer   | commercial welfare of our city.<br>To carefully investigate all plans relating to erections, structures and superstructures upon any<br>part of the water, from as well as to closely examine into any new proposed modifiera-   |
| January 12, 1887-Christoph  | her Barden, Dockbuilder.   | croonan, john Reeves, Laborer   | <ul> <li>part of the water-front, as well as to closely examine into and pass upon every proposed modifica-<br/>tion or increase of terminal facility.</li> </ul>  |
| January 28, 1887—John McJ<br>January 28, 1887—Frank Pie                                       | erson, Jeremiah Quinn, Thomas  | Cloonan, John Reeves, Laborer<br>Sullivan, Robert Nolan, Laborer  | To carry out a reconstruction, on the "new plan," of the whole water front property.<br>And, generally, the obligation to promote and protect the commercial growth of the city by   |
| January 28, 1887—Daniel I   | Duffy, Dockbuilder.  |   | adopting practical plans for the improvement of its wharf and dock system.   |
| February 10, 1887—Thomas  | H. Ferris, Assistant Janitor.  |   | A report of the Commissioners on the operations of the water-front.  |
| February 10, 1887—Thomas<br>February 10, 1887—James V   | Ahern, Laborer.<br>Vood, Dockbuilder.  | rs.<br>H. Cox, Christopher Barden, Joh<br>aborers.  | REVENUE, EXPENSES, ETC.  |
| February 10, 1887-Edward  | Freel, Charles Eagle, Carpente   | rs.   | The total revenues of the Department which have accrued within the year amount to \$1,260,-<br>036.58. In addition to the above, there was collected by the Finance Department for rent of slips   |
| February 16, 1887—Nichola   | s Murphy, Laborer.   |   | for ferry purposes, all under the care of this Department, the sum of \$184,558.86.<br>The Department deposited during the year with the City Chamberlain, for the redemption of   |
| February 23, 1887—John J.<br>March 2, 1887—Thomas B.  | McEntee, Dockbuilder.<br>Doane, Laborer.   |   | the city debt, \$1,311,971.01.   |
| March 5, 1887-John McNan  | mara, Carpenter.   |   | The audited expenses during the year amount to \$389,169.82, being for new work; building<br>new piers, etc., \$216,582.41; for repairs to piers, etc., not built on the new plan, \$119,421.58; for   |
| March 18, 1887Thomas I  | Joran, James Mallon, William   | H. Cox, Christopher Barden, Joh   | office rent, clerk hire, and general expenses of principal office, \$53,165.83.  |
| April 2 1887_Ole Olsen Se   | cowman.  |   | I HIKD.  |
| April 4, 1887-Frank D. Sm   | ith, Engineer on Pile Driver.  |   | In compliance with the third provision of the law, as previously cited, the following information  |
| April 6, 1887—William Darl<br>April 14, 1887—Ambrose C.                                       | . Tanner, Charles Swanson, W   | /illiam Dally, Charles Hill, Dock   | is submitted :<br>I.—Orders and Rules Made by the Board.   |
| ouilders.   |  | F. Merlino, Daniel Nolan, Jame  |  |
| Kennedy, Laborers.  |  | , Morano, Damer Moran, Jame   | piers, bulkheads, slips, and other wharf property, to take effect August I, 1886.  |
| April 20, 1887—Simon Binsw<br>April 30, 1887—Martin N.  | anger, Laborer.<br>O'Donnell, Joseph Dovle, Edu  | ward Fitzpatrick, James Murphy  | December 22, 1886-Resolution adopted redistricting the water-front of the North river into six districts, as follows :   |
| ohn Benson, Dockbuilders.   |  |   | District No. 2—From Pier A, North river, to Pier, new 27, foot of Hubert street.<br>District No. 4—From Pier, new 27, North river, to and including Pier at West Eleventh street,  |
|   | frange, James Bransfield, Labore<br>from May I 1886, to April 30, 1  |   | North river  |
| May 10, 1886—James Bagley   | , Jr., Blacksmith's Helper, resident   | gned.   | District No. 6—From West Eleventh street to West Twenty-third Street Ferry, North river.<br>District No. 8—From West Twenty-third Street Ferry to West Forty-second street, North river.   |
| July 22, 1886—Peter Burke,  | James J. Brooks, Patrick Butler,   | Thomas Began, Dominick Brown  | District No. 10-From West Forty-second street, North river, to foot of Sixtieth street, North river.   |
| ahan, Peter Curry, Martin Dor   | nohue, Thomas Dwyer, Thom  | 587 ;<br>gned.<br>Thomas Began, Dominick Brown<br>Id, Matthew Corbett, Patrick Cal<br>as W. Gibbons, James H. Gaven<br>W. Keefe, George W. Leavitt, Luk<br>rmott, Nicholas Mulligan, Hugj<br>chard Beilly. Corpelius Sullivor | District No. 12-From foot of Sixtieth street, North river, to Yonkers and Spuyten Duyvil   |
| George J. Greene, David L. Ha   | ggerty, John J. Hagen, Matthew   | v Keefe, George W. Leavitt, Luk   | creek, and from North river to King's Bridge, Harlem river.  |
| Mallon, Francis Murray, Samuel  | O. Pray, Mortimer Quinn, Ri  | chard Reilly, Cornelius Sullivan<br>urray, Bartholomew Carr, Michae   | BOARD OF DEPARTMENT OF DOCKS.  |
| Idward C. Smith, John Stevensor<br>Ioran, Laborers, discharged.<br>July 23, 1886—Watson Atkir | i, August Sussman, Thomas Mi   | array, Bartholomew Carr, Michae   |  |
| July 23, 1886-Watson Atkin  | nson, Saw Filer, discharged.<br>Vanmaker, Abram Duryee, Docl   | Masters discharged  | Established for the government and proper care of piers, bulkheads, slips and other wharf prop-  |
| July 25, 1886—Ambrose C.  | Tanner, Dockbuilder, discharge   | d.  | Established for the government and proper care of piers, bulkheads, slips and other wharf prop-<br>erty, under the provisions of sections 711 and 717, of chapter 15 of the Laws of 1882, as follows:<br>Section 711. The Department of Docks shall have exclusive charge and control, subject in the  |
| September 1, 1886-Charles<br>September 1, 1886-John Ke  | Nimmo, Laborer, resigned.  |   | particulars hereinafter mentioned to the Commissioners of the Sinking Fund of said city, of all the<br>wharf property belonging to the corporation of the City of New York, including all the wharves,   |
| October 17, 1886-Daniel Mu  | eating, Chainman, died.<br>ullane, Laborer, discharged.<br>Freel, Dockbuilder, discharged.   |   | piers, bulkheads and structures thereon, and waters adjacent thereto, and all the slips, basins, docks,  |
| October 27, 1880-Rulus For  | wler, Carpenter, resigned.   |   | water-fronts, land under water and structures thereon, and appurtenances, easements, uses, reversions<br>and rights belonging thereto, which are now owned or possessed by the said corporation, or to<br>which said corporation is or may become entitled, or which said corporation may acquire under the  |
| November 11, 1886 -William  | n Costello, James Fitzsimmons  | , Patrick Horan, Thomas Moran<br>s, discharged.   | which said corporation is or may become entitled, or which said corporation may acquire under the<br>provisions hereof or otherwise; and said Department shall have exclusive charge and control of  |
| November 11, 1886—Joseph  | Curry, Patrick Jones, Richard  | Kearney, John McNamara, John<br>Fox, Frederick Kammerdeiner   | the repairing, building, rebuilding, maintaining, altering, strengthening, leasing and protecting  |
| aborers, discharged.  |  |   | the repairing, building, rebuilding, maintaining, altering, strengthening, leasing and protecting<br>said property and every part thereof, and of all the cleaning, dredging and deepening necessary<br>in and about the same. Said department is also hereby invested with the exclusive government and   |
| November II, 1886—George  | Fallon, Blacksmith, discharged   | homes Com Detail D  | regulations of all wharves, piers, bulkheads and structures thereon, and waters adjacent thereto,  |
| A. Hall, John J. Harden, Albert   | G. Lawson, Patrick McFadden  | homas Cary, Patrick Derry, John<br>Frank Mitchell, John J. Murphy   | and all the basins, slips and docks, with the land under water in said city not owned by said cor-<br>poration.  |

A. Harll, John J. Harden, Albert G. Lawson, Patrick McFadden, Frank Mitchell, John J. Murphy, Jr., Prederick Meyer, Laurence F. Osborn, Watchmen, discharged.
November 11, 1866—William H. Burns, Laurence Cahill, Cornelius Donovan, Edward Frei, Becember 13, 1866—William Harrison, James Kelly, John O'Brien, masons, discharged.
November 26, 1886—James McCormick, Laborer, discharged.
December 8, 1886—Frederic Ferry, Bookkeeper, dropped from the roll.
December 8, 1886—Frederic Ferry, Bookkeeper, discharged.
December 15, 1886—William Shedlock, Superintendent Machinery, discharged.
December 15, 1886—William Shedlock, Superintendent Machinery, discharged.
December 15, 1886—William Shedlock, Superintendent Machinery, discharged.
December 16, 1886—William Shedlock, Superintendent Machinery, discharged.
December 15, 1886—William Shedlock, Superintendent Machinery, discharged.
December 16, 1886—William Shedlock, Superintendent Machinery, discharged.
December 15, 1886—William Shedlock, Superintendent Machinery, discharged.
Date She 12, 1886—William Shedlock, Superintendent Machinery, discharged.
Date She 2, 1886—William Shedlock, Superintendent Machinery, discharged.
December 16, 1886—William Shedlock, Superintendent Machinery, discharged.
Date She 2, 1886
Date She 2, 1886
December 15, 1886

#### RECORD THE CITY

#### RULES AND REGULATIONS.

RULES AND REGULATIONS. RULE I.—No piles shall be driven, nor shall any platform be erected, nor shall any filling in of any kind be made on any part of the water-front of the city, without a written permit therefor being first had and obtained from the Board, under a penalty of one hundred dollars for every such offense, to be recovered from the owner, lessee or occupant, of any pier or bulkhead, or of any water-front property or right, who shall cause or permit any such work to be done upon his premises be-fore such permit therefor has been obtained, and under the further penalty of twenty dollars for each and every day which shall elapse before any piles so driven, or platform so erected, or material so filled in, without such permit being first obtained, shall be removed, after the expiration of the time which may be allowed for such removal, by a notice served upon such owner, lessee or occu-pant, by the Dock Master for the district, to be also recovered from such owner, lessee or occu-pant.

<text><text><text><text><text><text>

of twenty dollars for each offense of discharging such stones or like cargo, upon such pier, bulk-head, or other wharf structure, to be recovered from the owner, consignee, master or stevedore, of any such vessel, severally and respectively; and if such penalty be recovered for using horses, or discharging stones or similar cargo, upon wharf property belonging to the corporation under lease, it shall be paid to the lessee thereof, but if such penalty be recovered for using horses, or discharg-ing stones or similar cargo, upon wharf property not owned by the corporation, it shall be paid to the owner thereof.

It shall be paid to the lessee thereof, but if such penalty be recovered for using horses, or discharg-ing stones or similar cargo, upon wharf property not owned by the corporation, it shall be paid to the owner thereof. RULE 8.—No sand shall be discharged from any vessel unless canvas or similar material be extended from the vessel's side to the bulkhead or wharf structure at which such vessel is being un-ladened, to prevent the falling of the sand into the water, and if the surface of any such wharf structure is not sufficiently tight to prevent the sand dunped thereon from going through into the water, then no sand shall be discharged thereon from any vessel, unless canvas or similar material be first laid thereon to receive the sand, under a penalty of twenty dollars for each offense, to be recovered from the owner, consignee, master or stevedore, of any such vessel, severally and re-spectively ; and if such penalty be recovered on account of sand discharged upon wharf property belonging to the corporation, under lease, it shall be paid to the lessee thereof, but if such penalty be recovered on account of sand discharged upon wharf property not owned by the corporation, it shall be paid to the owner thereof. RULE 9.—The owners, lessees and occupants of every pier, wharf and bulkhead in the City of New York shall keep the same in good repair, and the slips adjacent thereto properly dredged, and whenever, in the judgment of the Board, it shall be necessary so to do, written notices shall be served upon the owners, lessees or occupants, or collector of wharfage of any such piers, wharf or bulkhead, or the slip adjoining the same, on or in which repairs or dredging are required by said Board, specifying the nature or extent of the repairs or dredging so required, and the ine within such repairs must be made, or such dredging done ; and in case the owners, lessees or occupants so notified, fail to comply with the terms and requirements of such notice, they shall forfeit and pay a penalty of twenty-five dollar

noticed, iai to comply with the terms and requirements of such notice, they shall robert and pay a penalty of twenty-five dollars per every day which shall elapse before they comply with such notice. RULE 10.—No ashes, refuse, offal, fruit, vegetables or any other substances shall be thrown into the waters surrounding or adjacent to any pier or bulkhead, or any other part of the water-front of the city, under a penalty of twenty-five dollars for every such offense, to be recovered from the owner, lessee, or occupant, severally and respectively, of a pier, bulkhead, wharf, structure, or other property from which any such substance shall be thrown, or from the person actually throw ing the same; or if such substance be thrown from any vessel lying in waters within the jurisdiction of the Department, whether berthed or not, then such penalty to be recovered from the owner, consignee or master of such vessel, severally and respectively. The substance shall be dumped into the waters adjacent to the water-front of the owner, fore shall be dumped into the water adjacent to the water-front of the owner, lessee or occupant of any pier, bulkhead and other places designated from time to time by the Board, for such dumping, under a penalty of twenty-five dollars for each offense, to be recovered from the owner, lessee or occupant of any pier, bulkhead or other whater property from which any such snow and ice shall be dumped, or from the person actually dumping the same, severally and respectively. RULE 12.—All number, brick or other material in bulk, discharged on any pier or bulkhead, to be recovered from the over or consignee or such lumber, brick or other material, or from the person placing, or causing the same to be placed, on such bulkhead, severally and respectively. RULE 12.—All number, brick or other material shall remain on the bulkhead, to be recovered from the owner or consignee of such lumber, brick or other material, and the person placing, or causing the same to be placed, on such bulkhead, severally and res

#### II. -DESCRIPTION OF CONTRACTS MADE BY THE BOARD.

| No.                                    | DESCRIPTION OF CONTRACT.  | CONTRACTOR.   | CONTRACT PRICE.  | DATE OF<br>AWARD.  | DATE OF<br>CONTRACT.  | DATE OF EXPIRATION.  |
|--|---|---|--|--|---|--|
| 230<br>231<br>232<br>233<br>234<br>235 | For furnishing granite for bulkhead wall.<br>For building Pier and approach at West Fortieth street, North river.<br>For ropairing Pier, old 54, North river, at toot of Perry street.<br>For dredging at sundry numed places on the North and East rivers.<br>Repairing Pier at foot of West Nineteenth street, North river.<br>Painting sheet and repairing is metal covering on Pier, new 33, North river. | Michael Nolan and<br>Wm. T. Nolan<br>Richard Cronin<br>P. Sanford Ross<br>Union Dredging Co<br>John D. Walsh<br>John L. Eagan | \$39,440 00<br>16,500 co   | Nov. 16, 1886<br>Nov. 16, 1886<br>Dec. 15, 1886<br>Dec. 1, 1886<br>Dec. 1, 1886<br>Mar. 10, 1887 | Nov. 23, 1886<br>Nov. 16, 1886<br>Jan. 6, 1887<br>Dec. 22, 1886<br>Dec. 23, 1887<br>Mar. 31, 1887 | July 15, 1887.<br>March 15, 1887, or within specified time thereafter.<br>March 1, 1887, extended to May 1, 1887.<br>April 1, 1867, extended to April 28, 1887.<br>FM 15, 1976, extended to May 2, 1887, and May 28<br>1887, 1897. |
| 236<br>237<br>238<br>239               | For repairing the buikhead between Pier 18 and Pier 19, East river.<br>Repairing Pier at Hogars iteret. No the iver.<br>Dredging at sundry named places on the North river.<br>Repairing Pier at West One Hundred and Fity-second street, North river   | John W. Flaherty<br>Union Dredging Co<br>ThomasO'Connell and  |  | Dec. 27, 1886<br>Dec. 15, 1886<br>Dec. 27, 1886  | Jan. 10, 1887<br>Jan. 6, 1887<br>Jan. 10, 1887  | March 1, 1887, or within specified time thereafter.<br>March 1, 1887, or within specified time thereafter.<br>August 15, 1887.   |
| 240                                    | Building new wooden Pier at foot of West Thirty-fourth street, North river, and }<br>repairing inner end of existing Pier   | Michael J. Coffey   | \$5,975 00<br>{Class r: Mud dredging,<br>22 cents per cubic<br>yard. Class 2: Crib<br>dredging, \$1.50 per<br>cubic yard. Class 3:<br>Pier, etc., \$40,844     |  | Mar. 12, 1887<br>Feb. 15, 1887  | June 1, 1887, extended to June 3.<br>August 1, 1887, extended to August 15.  |
| 241                                    | Building Pier, new 32, and approach on the site of P er, old 41, East river, and for re-<br>pairing the crib bulkhead thereat   | John Gillies  | Class 1 : Repairs to bulk-<br>head,etc.,\$2,315. Class<br>2 : New Pier and ap-<br>proach, \$21,460. Class<br>3 : For rip-rap, etc., 4c<br>cents per cubic yard |  | Mar. 14, 1887   | July 1, 1887, or within specified time thereafter.   |
| 242                                    | Repairing, widening and extending Pier at the foot of East Thirty-seventh street, }<br>North river  | John W. Flaherty  | Class 1: Mud dredging,<br>30 cents per cubic<br>yard. Class 2: Crib<br>dredging, \$1.50 per<br>cubic yard. Class 3:<br>Pier, etc., \$19,750                    |  | Mar. 14, 1887   | June 15, 1887, extended to July 20.  |
| 243                                    | Building a crib bulkhead from West Seventy-seventh street to West Seventy-eighth } street, North river  | William P. Kelly  | Class 1: Mud dredging,<br>25 cents per cubic<br>yard. Class 2: Crib<br>bulkhead complete,<br>etc., \$16,080  | Apr. 1, 1887   | Apr. 6, 1887  | July 1, 1887, extended to July 20.   |

#### III .- PAYMENTS MADE BY THE BOARD.

The Commissioners of Docks have made requisitions upon the Finance Department for pay ments, in satisfaction of liabilities incurred, from April 30, 1886, to May 1, 1887, amounting in all to the sum of \$3\$0, 160, \$2, and herewith submitt, annexed to the Statement of the Revenues and Disbursements, a full showing of said payments, and for what purposes. IV .- LEASES MADE BY THE BOARD.

I.—All leases made during the year by the Board, of wharf property owned by the corpora-tion, including land under water, are shown in the Rent Roll accompanying this report, which fully expresses the time, rental, to whom, and for what property each of said leases was respectively made. The Rent Roll, herewith submitted, shows fully, as required by law, all leases made during the year. It also gives the termination of all leases during said period, and all leases in force on the 30th day of April, 1887, and also, in like manner, all leases in force May 1, 1887. All of which is very respectfully submitted, L. L. N. STARK () Commissioners

L. I. N. STARK. ) Commissio

| [SEAL.]  | JAMES MATTHEWS, } | of     |
|--|-------------------|--------|
| and a second sec | JOSEPH KOCH,      | Docks. |
| W. ELLISON, Secretary,   |                   |        |

#### STATEMENT OF REVENUES AND DISBURSEMENTS.

nt with the Mayor, Aldermen and Commonalty, and Balance Sheet for April 30, 1887. STATEMENT OF THE REVENUES AND DISBURSEMENTS OF THE DEPARTMENT OF DOCKS FOR AND DURI YEAR ENDING AFRIL 30, 1887.

DOCK AND SLIP RENT.

B

- I.—REVENCE:

   Amount of rents accrued and whar/age collected during the year ending April 30, 1280, 1091, 1001,

147,809 30 \$1,260,036 58

II. -DISTRIBUTION Cash

#### Am ount of moneys deposited during the year with the Chamberlain to the credit of the Commissioners of the Sinking Fund, for the redemption of the City debt. \$1.311.071 01

- \$34,823 75 eds of sales of old mat
- ions received from the Counsel to the Corporation in settle-nt of claims placed in his hands prior to May 1, 1886...... 17,110 88

Leaving this amount deposited during the year as rents and wharfage from Corporation wharf property (except from premises in use under ferry leases made with the Comptroller). \$1,250,811 58 ims for unpaid rents during the year, placed in the hands of the Counsel to the Corporation for collection.

Leaving net expenditure for 17 years.....

52,159 43

#### DOCK BONDS.

Total amount of "Dock Bonds of the City of New York," directed by the Commissioners the Sinking Fund, to be issued for the uses and purposes of the Department of Docks, fr the date of its organization in May, 189, to April 39, 1887. .... \$12,553,500 324,939 86

3379

.... \$12,228,560 14

| 3380                                     | -  |   | ТН   | E CITY                             | RECORD.  | DECEMBER 2,                  | 1887.      |
|--|--|---|--|------------------------------------|--|------------------------------|------------|
| -RECEIPTS :                              |  | DOCK  | FUND.  |                                    | Cement.  |                              |            |
| - Amount of                              | proceeds o                               | f Dock Bonds approximated<br>by 1, 1886, for the uses and p                                       | as being in the hands of the<br>purposes of this Department,   |                                    | Edward Thiele<br>James Brand   | 900 05                       |            |
| as per A<br>2. Amount of the S           | nnual Repo<br>proceeds of<br>Sinking Fur | Took Bonds directed to be i   | sued by the Commissioners<br>sition of this Department,<br>so, 1886  | 93,470 33                          | Haebler & Co   | 137 50                       | \$3,147 5  |
| resolutio<br>Dock B                      | on, June 25<br>onds to the               | 1885, upon the Commission<br>amount of \$2,000,000, conf  | ers of the Sinking Fund, for<br>irmed and ratified by them   |                                    | Lumber and Pi  |                              |            |
| Septemb<br>which th<br>a. Amount of      | ne latter sol                            | , upon the Comptroller, to iss<br>d \$5:0,000, at 310000 per cen<br>eived in and during the ve    | use said amount of bonds, of<br>t. premium   | 17,277 50                          | Bell Bros<br>A. T. Decker & Co   | 576 48                       |            |
| Chambe<br>ments fo                       | rlain for the                            | e uses and purposes of the De<br>of repairs to wharf property n                                   | partment; being reimburse-<br>ot owned by the Corporation  |                                    | C. & R. Poillon<br>Garret E. Green   | 171 80                       |            |
| and for<br>maps and                      | the use of<br>d tracings,                | Department appliances and etc   | lumping-grounds, furnishing  | 3,861 85 \$714,609 68              | A. J. Murray<br>George Kerr  | I,271 23                     |            |
| Deduc                                    | er 5, 1879, cl                           | nt of short issue of Dock Bon<br>harged back  | nds of requisition of Septem-  | 500 00                             |  |                              | 9,865 3    |
| IEXPENDITURE                             |  |   |  | \$714,109 68                       | Coal for Tug, Pile D<br>Ward & Olyphant  |                              |            |
| Amount of bill<br>mitted to              | ls and claim<br>the Finance              | ns audited in and during the Department for payment,  | ne year ending April 30, 1887, and<br>being for materials and supplies fu<br>vit :   | d trans-<br>rnished,               | Meeker & Ćo  |                              | 2,732      |
| and for ser<br>1. For Constru            |  | ered to this Department, to w   | it:  |                                    | Broken Stone, Cobble, Rip-   | rap and Sand.                |            |
| For bills as<br>As per Sc                | nd claims a<br>hedule C. :               | udited, as per Schedule B   | \$89,258 64  |                                    | Brown & Fleming<br>Jeremiah Reed   | \$5,474 26<br>110 23         |            |
| Salarie                                  | es of the Co                             | mstruction force  | 44,900 89  |                                    |  |                              | 5,584 4    |
| ne                                       | ty, dock h                               | and watchmen on floating pro-<br>puilders, laborers, blacksmit<br>d masons, etc., on Construction | pp-<br>hs,   |                                    | Stationery and Pr<br>Martin B. Brown   | \$1,103 14                   |            |
| ca<br>for                                | rce                                      | d masons, etc., on Construct  | 73,362 88<br>127,323 77  |                                    | L. W. Ahren's Stationery and Printing Co<br>Isaac J. Oliver                            | 119 00                       |            |
| 2. For Genera                            |  |   | \$210  | 6,582 41                           | J. Wm. Hannan & Co   |                              | 1,470 5    |
| As per Sch                               | hedule E .                               | idited as per Schedule D<br>builders, watchmen, carpent   |  |                                    | General Expenses, including Insurance, Paving, Plumo                                   | hing, Gas Fitting, Tools and |            |
| an                                       | d engineers                              | on General Repairs force  | 21,183 76  | 9,421 58                           | Maintenance of Floating Plant and Dep.<br>Hodgman & Co                                 |                              |            |
| 3. For Annual                            |  |   |  |                                    | Patterson Bros   | 959 25                       |            |
| As per Sch                               | nedule G.:                               | dited, as per Schedule F  | 46,693 71  |                                    | Metropolitan Telephone and Telegraph Co<br>Thomas C. Townsend                          |                              |            |
|  |  |   | 53   | 3,165 83 389,169 82                | Nason Manufacturing Co   |                              |            |
| IBALANCE :                               | ceeds of D                               | ock Bonds in the hands of st  | he Comptroller on April 30, 1887, fo   | or use of                          | A. V. Abbott   | II 00                        |            |
| this Depart                              | tment                                    | bondo in the francis of th  | ne Comptroller on April 30, 1867, 10   | \$324,939 86                       | F. W. Devoe & Co.<br>Gaskell & Greenlie.   |                              |            |
| New York, Apri                           | 1 30, 1887.                              | Respectfully submitted t  | o the Board, FRANCIS E. MO   | ON Chief Clark                     | Theron S. Atwater  |                              |            |
| Approved an<br>Lu<br>JA                  | d adopted.                               | STARK,  | FRANCIS E. MO  | on, chief clerk.                   | P. Keahon<br>J. S. Barron.   | 80 10                        |            |
| Jas                                      | MES MATT<br>SEPH KOCH                    | HEWS,<br>I.   |  |                                    | Thomas Hall  | I,020 00                     |            |
| 1. Manuar 47                             | J  |   | -<br>City of New York in success   | ut with the Roard                  | George F. Doak   | 156 01                       |            |
| of the                                   | Departme                                 | nt of Docks for and du  | City of New York in accountring the year ending April  | 30, 1887.<br>CR.                   | W. & J. Sloane<br>Babcock & Wilcox Co  |                              |            |
| Dr.                                      |  |   |  |                                    | John W. Sullivan<br>Wm. Walls' Sons  | I,127 93                     |            |
| deposits of mone<br>bills and claim      | ey with the<br>ns audited                | Chamberlain.\$1,315,832 86<br>for materials   | By balance, April 30, 1886, as per 1<br>the year ending that date<br>By Dock and Slip rent   | report for<br>\$1,168,804 52       | Pierson & Co<br>T. G. Sellew   |                              |            |
|  |  |   | by balance, April 30, 1800, as per 1<br>the year ending that date<br>By Dock and Slip rent<br>By requisition for Dock Bonds<br>By premium on 500,000 Dock Bond | 1,260,036 58<br>500,000 00         | V. G. Hedden & Sons<br>Ruhle Bros.   |                              |            |
| n General Repairs<br>n Annual Expense    | account                                  | 53,165 83   | By reimbursement for repairs t   | to private 34,023 75               | Lyon Manufacturing Co<br>John F. Walsh   | 114 00<br>114 50             |            |
| of September 5, 1                        | ock Bonds<br>879, charge                 | d back 500 00   | wharves, and for use of Departm<br>By sales of maps, etc<br>By fines and penalties   |                                    | W. S. Estey<br>H. C. & J. H. Caulkins  |                              |            |
| Pier at West 36th<br>compromise          | street, N.<br>by Compt                   | of Requisition<br>d back  | By sale of dump tickets<br>By moneys credited to Dock Fund<br>By sale of old material  | 1,557 25<br>3,861 85               | Jenkins & Tregarthen<br>C. E. Zindars  | 253 50                       |            |
| against Jas. W. Bo<br>each of Piers 56 a | nd 57, E. R                              | nt of one-half 3,446 25   | By sale of old material  | 224 80                             | P. Sanford Ross<br>Continental Fire Insurance Co                                       |                              |            |
| nance carried for                        | wald                                     | \$2,988,890 85  |  | \$2,988,890 85                     | Niagara Fire Insurance Co<br>Continental Fire Insurance Co                             |                              |            |
|  |  |   | Pubelenes April 00-  |                                    | Knickerbocker Insurance Co.  |                              |            |
| NEW YORK,                                | April 30                                 | , 1887.   | By balance, April 30, 1887   |                                    | John Morris  |                              |            |
|  |  | JA  | MES MATTHEWS, } c  | ommissioners,<br>omposing the      | Havilah M. Smith & Son.<br>German-American Insurance Co                                | 63 64                        |            |
|  |  | JO  | SEPH КОСН, ) Во  | oard of Docks.                     | Wm. B. Ferguson & Son<br>Manufacturers' and Builders' Fire Ins. Co                     |                              |            |
| DR.                                      |  | Balance Sheet, A  | pril 30, 1887.   | Cr.                                | James Matthews.  |                              |            |
| dgments as per Se                        | chedule I).                              | \$1,000 00  | The Mayor, Aldermen and Comm<br>the City of New York<br>Rents paid in advance of May 1, 18   | ionalty of                         | R. D. Jackson & Co.  |                              |            |
| ndry Debtors for<br>of Counsel to the C  | unpaid re<br>orporation                  |   | Rents paid in advance of May 1, 18   | 887 34,823 75                      | John Merry.<br>Popham & Co.  | 16 48                        |            |
| as per Schedule 1                        |  | II4,738         37  |  |                                    | McNab & Harlin Manufacturing Co.   | 228 63                       |            |
| quired real proper                       | rty                                      |   |  |                                    | Joel W. Mason & Co   |                              |            |
|  |  | \$1,272,545 09  |  | \$1,272,545 09                     | Adolph Starke.<br>Noves & Wines.   | 720 00<br>7 00               |            |
|  |  |   | -  |                                    | Noyes & Wines.<br>New York Belting and Packing Co<br>New York Coal Tar and Chemical Co | 44 51<br>89 60               |            |
|  |  | SCHEDU  |  |                                    | Hoyt Paper Tube Co   |                              |            |
|  |  | LEDGER BALANCES,  | April 30, 1887.  |                                    | F. W. Beatty<br>Thomas C. Dunham   | 471 92                       |            |
| Dr.                                      | FoL.                                     |   |  | CR.                                | M. Boorman<br>E. C. Hazard   |                              |            |
| DR.                                      | 102.                                     | 14.<br>14.  |  | CA.                                | J. S. Conover  | 547 00                       | 17,301 9   |
|  | 48                                       |   |  |                                    |  |                              | \$89,258 6 |
| \$119,421 58<br>53,165 83                | 90<br>60<br>2                            | General repairs   |  |                                    |  |                              |            |
| I,000 00                                 | 18<br>440                                | Contingent Fund<br>Unpaid rents in hands of C   | ounsel to the Corporation  |                                    | SCHEDULE (   |                              |            |
| 321,078 01                               | 34<br>30<br>84<br>76                     | Dock and slip rent<br>The Mayor, Aldermen and   | Commonalty of the City of New Y  | 1,260,036 58<br>Jork. 1,674,738 04 | PAY-ROLLS AUDITED ON CONSTI  |                              |            |
| 531,714 40                               | I  | Repairs for private owners,<br>Acquired property  | , etc  | 1,117 10                           | Commissioners of .<br>Lucius J. N. Stark   |                              |            |
| 123,252 46                               | 38<br>70<br>50                           | Dump tickets  |  | ···· 1,557 25                      | James Matthews.<br>Joseph Koch   | 3,000 00                     |            |
| 176,900 00<br>1,315,832 86<br>216,582 41 | 50<br>80<br>14                           | Construction account  | rlain  |                                    |  |                              | 9,000 0    |
|  | 92<br>19                                 | Rent advances   |  | 224 80<br>34,823 75                | G. S. Greene, Jr.  | \$6,000 00                   |            |
| \$2,973,685 92                           |  |   |  | \$2,973,685 92                     | Willard A. Nichols.<br>William W. Maclay.  | 3,000 00                     |            |
|  | 1  | 1   |  | \$*,9/3,005 92                     | Winfield S. Lasher.  | 1,892 22                     |            |
|  |  |   | -  |                                    | David F. McCarthy.<br>Frederick P. Thompson.   | I,730 55                     |            |
|  |  | SCHEDU  | LE B.  |                                    | William Shedlock   | 1,730 55                     |            |
|  | BILLS AN                                 |   | N CONSTRUCTION ACCOUNT.  |                                    | John H. Corley.<br>Henry C. Freeman.   | I,593 OI                     |            |
| chard Cronin                             |  | Contract for Bi   |  | 7 76                               | Alexander M. Goge.<br>Robert M. Kid<br>Nicholas I. Vander Wayde                        | 408 07                       |            |
|  |  |   |  | \$25,127 76                        | Nicholas J. Vander Weyde<br>John A. Duntze   | I,038 33                     |            |
| chard Cronnir.                           | •  | Dredgi  | ng.  |                                    | Edgar B. Gosling   |                              |            |

| DECEMBER 2, 1887.   | THE                            | CITY  | RECORD.  |                               | 3381     |
|---|--------------------------------|---|--|-------------------------------|----------|
| lward Gottschall<br>fred U. Jacobs.   | \$900 00<br>1,200 00           |   | Charles Miller, Jr., Recording Clerk<br>George H. Laughlin, Jr., Engrossing Clerk  | \$1,440 00                    |          |
| iram C. Calkins<br>ving K. Taylor.  | 1,200 00<br>1,200 00<br>950 00 |   |  | 1,200 00                      |          |
| trick White.  | 1,200 00                       |   | Berthold Sommer, Clerk .<br>Joseph L. Liscomb, Dock Superintendent .<br>George W. Wanmaker, Dock Master.   | 925 00<br>1,500 00            |          |
| trick H. McCullough   | 1,200 00 950 00                |   | John Smith, Dock Master.<br>John M. Smith, Dock Master.  | 450 00<br>1,350 00            |          |
| F. Johnson<br>fingham V. Smith  | 900 00                         |   | Patrick J. Brady, Dock Master  | 1,399 31<br>1,800 00          |          |
| nrcus Cane  | 363 93<br>946 11               |   | Patrick J. Brady, Dock Master<br>Joseph B. Erwin, Dock Master.<br>Abram Duryee, Dock Master.<br>Edward Abeel, Dock Master.<br>Eugene McCarthy, Dock Master.<br>Charles P. Blake, Dock Master.    | 1,800 00<br>450 00            |          |
| Iliam J. Trimble:<br>n C. Donohue.  | 410 00                         |   | Edward Abeel, Dock Master.<br>Eugene McCarthy, Dock Master   | 1,800 00<br>1,800 00          |          |
| ndelph Gardniere  | 243 09<br>300 00               |   |  | 1,800 00<br>1,800 00          |          |
| arles A. Martin   | 900 00<br>310 48               |   | John Callan, Dock Master.<br>Anthony Hartman, Dock Master.   | 1,800 00<br>1,800 00          |          |
| in Sloan  | 948 39<br>935 49               |   | Patrick Curley, Dock Master.<br>Charles B. Husted, Dock Master.<br>Charles H. Thompson, Dock Master.   | 943 55<br>750 00              |          |
| nry Condon<br>m Heenan  | 135 48<br>420 00               |   | David W. Bogert, Janitor   | 1,800 00<br>1,113 33          |          |
| omas McGrath<br>niel H. McCullough  | 350 00<br>109 68               |   | Max Drucker, Messenger.  | 1,038 33<br>418 67            |          |
| -<br>rveying Force, Captains, Engineers, Crews and Watchmen on Floatin                            | ar Proporta                    | \$44,960 89   | Catharing Lyong Cleaner  | 473 90<br>473 90              |          |
| Dock Builders, Laborers, Blacksmiths, Carpenters and Masons of<br>struction Force.                | on the Con-                    |   | J. De Witt Foshay, Doorman   | 730 00<br>728 00              |          |
| half-monthly rolls from May I, 1886, to May I, 1887   |                                | 73,362 88   |  | 732 00                        |          |
|   | -                              | \$216,582 41  | I nomas ri. Perris, Assistant fanitor  | 750 00                        |          |
| Schedule D  | =                              |   |  | 92 00                         | \$46,693 |
| SCHEDULE D.<br>Bills and Claims Audited on General Repairs A                                      | COUNT                          |   |  | -                             | \$53,165 |
| Contracts for Repairing Piers.  | COUNT.                         |   | SCHEDULE H.  |                               |          |
| n W. Flaherty<br>ward J. Fearon and William H. Jenks  | \$6,550 00 2,100 00            |   | WHARFAGE FROM UNLEASED WHARVES FOR THE YEAR ENDING   | APRIL 20                      | 1887     |
| n D. Walsh<br>Sanford Ross  | 1,274 00<br>4,370 23           |   | On North River.  | Received this<br>Vear.        | 1007.    |
| n Gillies   | 9,513 81                       | \$23,808 04   | Bulkhead between Piers, old 21 and 23<br>South half Pier, old 23   | \$624 00<br>1,231 43          |          |
| on Dredging Co  | \$59,212 10                    | #=3,000 04  | New made ground between Piers, new 20 and new 21<br>North half Pier, old 34  | 432 00                        |          |
| Lumber and Piles  | *39,212 10                     | 59,212 10   | South half Pier, old 24.<br>New made ground between Piers, new 20 and new 21.<br>North half Pier, old 24.<br>Bulkhead between Piers, old 35 and old 36.<br>" " " " " " " " " " " " " " " " " " " | 1,845 37                      |          |
| I, Bros   | \$8,417 04                     |   | Pier, old 42<br>Bulkhead between Piers, new 35 and new 36  | 1,812 00<br>3,717 30          |          |
| T. Decker & Co  | 3,349 25<br>444 29             |   | 36 " 37  | 153 96<br>165 90              |          |
| vard McCue<br>Cue & Nealis  | 573 60<br>512 50               |   | " " 38 " 30  | 233 37<br>267 08              |          |
| Printing.   |                                | 13,296 68   | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   | 410 27<br>74 40               |          |
| tin B. Brown  | \$546 oo<br>74 oo              |   |  | 225 67                        |          |
| · ·   |                                | 620 00  | Pier, new 43   | 5,468 52<br>10,884 40         |          |
| eral Expenses, including Advertising, Testing, Iron, Paints, Oils, Old                            |                                | s, etc.   | Bulkhead south of Pier, old 54   | 364 00 448 39                 |          |
| N. Abbott   | \$140 22<br>250 00             |   | Bulkhead south side of West Eleventh street<br>Bulkhead at Bank street   | 3,164 30<br>364 00            |          |
| kell & Greenlie<br>es Hammond   | 35 50<br>326 33                |   | Pier at Bethune street.  | 571 58<br>1,040 00            |          |
| ual A. Suydam   | 47 00<br>34 45                 |   | Bulkhead between Gansevoort street and Bogart street   | 385 66                        |          |
| day Mercury<br>nal of Commerce  | 1 75<br>6 00                   |   | Pier north of Bloomfield street.<br>Bulkhead foot of Bloomfield street.  | 806 45<br>687 63              |          |
| aughlin & Loyd<br>ry Gelhaar & Co   | 15 00<br>140 00                |   | Bulkhead south of Little West Twelftth street.<br>Pier at Little West Twelfth street.  | 1,040 00                      |          |
| c Hall's Sons.<br>V. Coal Tar and Chemical Co   | 167 25<br>80 64                |   | " West Thirteenth street.  | 698 74<br>2,233 30            |          |
| mas C. Dunham<br>banks & Co.  | 13 46<br>10 90                 |   | <ul> <li>West Fifteenth street.</li> <li>West Sixteenth street.</li> <li>West Sixteenth street.</li> </ul>   | 498 10 315 75                 |          |
| ace Theall  | 32 50                          | 1,301 00  | "West Eighteenth street  | 2,370 61<br>1,690 62          |          |
|   | -                              | \$98,237 82   | "West Twenty-first street  | 1,018 71<br>73 87             |          |
| SCHEDULE E.   |                                | #90,237 02  | between Piers, new 54 and new 55   | 73 87<br>198 42<br>329 74     |          |
| PAY-ROLLS AUDITED ON GENERAL REPAIRS ACCO   | UNT.                           |   | Pier, new 57   | 2,637 65<br>1,921 63          |          |
| Dock-builders, Laborers, Watchmen, Carpenters, Inspectors and<br>General Repairs Force.           | d Engineers o                  | n   | Pier at west I nirty-lourin street   | 769 02<br>1,322 26            |          |
| alf-monthly rolls, from May 1, 1886, to May 1, 1887   |                                | 21,183 76   | " Thirty-seventh street  | 3,861 02                      |          |
|   | -                              | \$119,421 58  | " Fortisth street  | 1,215 45 2,488 00             |          |
| SCHEDULE F.   | =                              |   |  | 2,400 00<br>21 00<br>2,402 50 |          |
| SCHEDULE F.<br>BILLS AND CLAIMS AUDITED ON ANNUAL EXPENSE AG                                      | COUNT.                         |   | Forty-seventh street.  | 731 66                        |          |
| Office Rent, Stationery, Printing, Fire Insurance and Conting                                     | gent Expense                   | 5.  | Bulkhead between Seventy eighth and Seventy ninth streets  | 2,254 41<br>3,996 99          |          |
| opolitan Telephone and Telegraph Co   | \$24 89<br>78 60               |   | Bulkhead between Fightieth and Fighty first structs  | 2,687 70                      |          |
| ning Post Job Printing Officek & Wilkins  | 785 95<br>15 00                |   | " One Hundred and Thirtieth street   | 160 00<br>315 33<br>188 40    |          |
| 7. Devoe & Coate & Co   | 2 95<br>18 60                  |   | One mundred and I hirry-first street.  | 1,288 87                      |          |
| Barron & Co<br>hattan Real Estate Association   | 77 10<br>1,647 50              |   | One Hundred and Filty-second street  | 25 75                         | \$80,899 |
| Caulfield   | 1,047 50<br>59 60<br>189 06    |   | Bulkhead at Battery  |                               |          |
| in B. Brown   | 2,008 24                       |   | West half Pier 12  | 1,537 50<br>5,185 28          |          |
| Hannan & Co   | 576 83<br>240 77               |   |  | 1,510 25<br>214 32            |          |
| inental Insurance Co  | 5 00<br>7 50                   |   | West half Pier 19<br>Pier 25 and half Bulkhead adjoining<br>Pier 27 and half Bulkhead adjoining<br>Pier 37<br>Pier 41 and half Bulkhead West Side<br>Bulkhead Fast Side Pier 41                  | 5,427 84<br>9,554 00          |          |
| kerbocker Insurance Co<br>aan American Insurance Co<br>facturers' and Builders' Fire Insurance Co | 2 50<br>10 00                  |   | Pier 41 and half Bulkhead West Side.<br>Bulkhead East Side Pier 41   | 1,621 41<br>6,657 77          |          |
| s Matthews  | 20 00<br>304 86                |   | Pier 43.   | 168 50<br>3,607 13            |          |
| n & Co  | 19 72<br>20 00                 |   | Pier 44  | 3,433 56<br>3,970 05          |          |
| . Mason & Co  | 77 00<br>8 00                  |   |  | 626 88<br>739 73<br>8 25      |          |
| e of Industry<br>koff, Seaman & Benedict<br>ord & Son   | 110 00                         |   | Bulkhead at Corlears street.<br>"Cherry street<br>North half Pier 56, south half Pier 57, and bulkhead between   | I 25                          |          |
| nal Press Intelligence Co<br>Sellew.  | 9 70                           |   | Upper half of Pier 58  | 892 84<br>620 53              |          |
|   | 130 75                         |   | Upper half of Pier 58  | 2,888 04<br>518 06            |          |
| SCHEDULE G.   |                                |   | Pier of Fifth street   | 700 18                        |          |
|   |                                |   | Bulkhead at Fourteenth street.<br>"Fifteenth street.   | 19 19<br>46 07                |          |
| Pay-Rolls Audited on Annual Expense Account   |                                | and the second se | Eighteenth street  | 35 46<br>270 30               |          |
| is F Moon Chief Clark   | \$3,000 00                     |   | " Twenty second street   | 210 30                        |          |
| Ellison, Secretary  | 2,000 00                       |   | " Twenty-second street   | 91 00<br>498 18               |          |
| Ellison, Secretary  | 2,000 00                       |   |  | 91 00                         |          |

| Pay-Rolls Audited on Annual Expense Account       | <i>t</i> . |
|---|------------|
| B. W. Ellison, Secretary                          | \$3,000 00 |
| Francis E. Moon, Chief Clerk                      | 2,000 00   |
| James Weir, Apportionment Clerk,                  | 2,000 00   |
| George O. Beach, Apportionment Clerk              | 1,226 93   |
| Frederick Perry, Bookkeeper                       | 1,472 33   |
| John H. Matthews, Clerk to Treasurer              | 1,973 12   |
| Edward Gottschall, Private Secretary to President | 375 00     |
|   |            |

| 3382  | THE   | CITY         | RECORD.   | De   | CEMBER   | 2. 1887.   |
|---|---|--------------|---|--|--|--|
| Pier at Thirty-second street.<br>Bulkhead at East Thirty-sixth street.<br>Bulkhead at East Thirty-sixth street.<br>Bulkhead berween Thirty-eighth and Thirty ninth streets.<br>Bulkhead berween Thirty-eighth and Thirty ninth streets.<br>Bulkhead at Forty-sixth street.<br>" East Forty-lighth street.<br>Bulkhead at Forty-sixth street.<br>Bulkhead between Sixtieth and Sixty-second streets, and pier at Sixty-<br>second street.  | \$1,092 97<br>31 03<br>426 41<br>198 16<br>896 00<br>36 44<br>149 95<br>100 00<br>178 50<br>2 50<br>222 55<br>2,390 10          |              | Against Booth & Edgar.<br>Morsis Wasel.<br>Patrick Murray.<br>Toma Dore.<br>James L. Miller<br>SCHEDULE J<br>Yudgments Recovered by the Counsel to the Corporation  | Mar. 5, 17<br>Aug. 1, 188<br>Nov. 1, 188<br>For Wharf<br>For Wharf<br>For Wharf<br>15 mos. ren   | 383<br>884, to May 1, if<br>, to Feb. 11, j<br>inge, May 1, if<br>age, May 1, i<br>t to May 1, i<br>t to May 1, i  | 1,730 00<br>885 28 00<br>885 28 01<br>885 58 99<br>885 335 58<br>887 375 00<br>\$114,738 33  |
| Bulkhead at Sixty fourth street.<br>East Seventieth street.<br>Bulkhead platform at East Seventy-fifth street.<br>Bulkhead and platform between East Seventy-Eighth and East Seventy-   | 666 00<br>120 00<br>360 00<br>368 76  |              | Fudgments Recovered by the Counsel to the Corporation   | DATE FILED.  | INTEREST<br>INCLUDED.  | AMOUNT.  |
| minh streets.<br>Pier at Eighty-sixth street<br>Bulkhead at East Ninety-third street<br>Trib bulkhead and Ferry at East Ninety-ninth street   | 2,441 46<br>1,032 60<br>783 00<br>1,335 50  | \$64,804 60  | John D. Tracy<br>Davno Tracy<br>" Less received.  | April 14, 1880<br>Dec. 14, 1880<br>Dec. 29, 1880<br>Mar. 9, 1881<br>April 25, 1883   | \$5°4 75<br>1,319 80<br>3,133 56<br>4,063 67   | \$3,479 7<br>5,919 8<br>14,213 9<br>\$17,687 42<br>780 00  |
| On Harlen River.           Float at East One Hundred and First street.           Bulkhead at East One Hundred and Second Street           Bulkhead at East One Hundred and Sixth street.           "East One Hundred and Sixth street.           "For at East One Hundred and Sixth street.           "Bulkhead and platform at East One Hundred and Twentieth street.           "*           "East One Hundred and Twenty-fifth street.           "*           Bast One Hundred and Twenty-fifth street.           "*           Bulkhead at One Hundred and Twenty-fifth street.           Bulkhead at One Hundred and Fifty-fifth street. | \$24 00<br>204 43<br>196 19<br>58 44<br>434 70<br>214 70<br>165 56<br>40 00<br>313 95<br>53 87<br>31 49<br>263 00<br>105 12     |              | David Tracy<br>James H. Graham.<br>H. A. Tiedemann.<br>Thomas Gaynot.<br>Thomas C. Burke.<br>James Svage.<br>Herman Hastori.<br>John E. Hoagland.<br>Jesse Ryder.<br>Empire City Ice Co.<br>Wm. H Brown.<br>John Breman and others, composing West India Fruit Dealers'<br>Association.   | April 20, 1881<br>June 4, 1880<br>Mar. 30, 1881<br>Oct. 6, 1881<br>April 9, 1881<br>Jan. 15, 1881<br>Oct. 20, 1881<br>Mar. 16, 1881<br>Mar. 16, 1881 | $\begin{array}{c} 2,436 & 34 \\ 377 & 18 \\ 637 & 85 \\ 1,366 & 67 \\ 879 & 56 \\ 611 & 10 \\ 439 & 22 \\ 2,389 & 60 \\ 739 & 05 \\ 105 & 70 \\ 439 & 63 \\ 105 & 63 $ | - 16.907 4<br>16.430 4<br>18.930 6<br>3.105 5<br>6.240 5<br>2.404 4<br>2.331 7<br>1.1,130 6<br>6.144 9<br>1.41 7<br>2.144 7<br>2.144 7<br>2.144 7<br>2.144 7<br>2.144 9<br>1.41 7<br>2.144 9<br>1.41 7<br>2.144 5<br>1.41 7<br>2.144 5<br>1.41 7<br>2.14 7 |
| Total wharfage collected for the year   | =   | \$147,809 30 | Association.<br>Daniel Dailey<br>Frederick Schecker.<br>Collateral Judgment against estate of thomas Tone, surety for<br>David Tracy.   | Sept. 14, 1882   | 3 05   | 140<br>138<br>883  |
| SCHEDULE I.<br>Claims placed with the Counsel to the Corporation for Collection, and j<br>made prior to May 1, 1887.  | for which no  |              | David Träcy<br>John D. Tracy<br>Dillon Ransom<br>Patrick Grace<br>Adolph L. Kerker  |  |  | 231 0<br>991 1<br>1,300 0<br>251 2<br>2,100 0<br>\$123,252 4   |
| July 7, 167,<br>Oyster Bay and Huntington Steamboat Co     July 7, 167,<br>Dec. 77, 167,<br>Feb. 7, 167,<br>Feb. 7, 167,<br>Feb. 7, 167,<br>Benjamin Terwilliger.       Benjamin Terwilliger.     May 1, 167,<br>David Iracy.       David Iracy.     May 1, 167,<br>May 1, 167,<br>May 1, 167,<br>Morrisania Steamboat Co       Sundry deficits prior to June, 1695, awaiting legal disposition<br>who Law Deprement.     May 1, 167,<br>May 1, 167,<br>May 1, 168,<br>May 1, 169,<br>Spil. 6, Date.  | D<br>D.<br>I.<br>I.<br>2.<br>2.<br>3.<br>3.<br>4.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5.<br>5. | 2,750 00     | SCHEDULE K<br>Statement of Valuation of Floating<br>The 100-ton derrick<br>" too ton derrick"<br>" two dredges, Nos. "1," "2," "3," "5," "6,<br>and "11"<br>" eight deck Scows "B," "C," "D," "E,"<br>" Wille"<br>" boring-machine "Woodcock"<br>" diver's scow "G" and small diver's scow<br>" mineteen yawl-boats, three skiffs, two bateaux and th | Plant, April<br>'' '' 7,'' '' 8,<br>F,'' '' May,'  | " "9," "I  | 5,000 c<br>25,000 c<br>15,000 c<br>27,000 c<br>and<br>12,000 c<br>2,000 c<br>600 c   |

Statement of Revenues and Expenditures of the Department of Docks from the Organization of the Department in May, 1870, to April 30, 1887.

| FOR YEARS ENDING APRIL 30.  | Total Gross<br>Revenue from Leased<br>Wharves and<br>Wharfa <b>g</b> e. | Total Annual<br>Expenditures<br>Audited.  | SALARIES OF<br>COMMISSIONERS.   | SALARIES<br>OF SECRETARY AND<br>SUBORDINATES.   | Office Rent,<br>Stationery and<br>Incidentals of<br>Commissioners'<br>Office.  | SALARIES OF<br>ENGINEER-IN-CHIEF<br>AND<br>SUBORDINATES.  | BILLS AND CLAIMS<br>AUDITED ON<br>CONSTRUCTION,<br>INCLUDING LABOR<br>PAY-ROLLS.  | BILLS AND CLAIMS<br>AUDITED ON<br>GENERAL REPAIRS,<br>INCLUDING<br>LABOR PAY-ROLLS  |
|---|---|---|---|---|--|---|---|---|
| For Year ending 1871<br>1872<br>1873<br>1973<br>1975<br>1975<br>1976<br>1976<br>1977<br>1976<br>1976<br>1977<br>1976<br>1976<br>1977<br>1976<br>1977<br>1976<br>1977<br>1976<br>1977<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1975<br>1976<br>1977<br>1976<br>1977<br>1976<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1977<br>1 | 1,102,893 90<br>1,246,858 19<br>1,187,217 14<br>1,228,151 80            | \$1,96,449 12<br>1,075,653 61<br>0,277,653 61<br>0,277,03 20<br>0,2770 32<br>69,263 90<br>433,046 90<br>0,433,046 90<br>353,766 93<br>553,766 93<br>96,0,481 57<br>1,150,097 44<br>953,007 85<br>705,106 91<br>**73,756 92<br>39,0,166 9a | \$50,000 00<br>\$0,232 65<br>50,000 00<br>14,574 73<br>12,445 52<br>12,550 60<br>11,250 61<br>11,250 10<br>11,250 10 | \$48.182 56<br>59.544 40<br>54.757 41<br>54.778 55<br>34.673 68 12<br>34.673 68<br>34.641 33<br>34.641 33<br>34.641 33<br>34.651 62<br>30.859 62<br>22.573 41<br>30.259 81<br>33.029 81<br>33.029 81<br>33.029 63<br>33.102 19<br>43.603 71 | $\begin{array}{c} {}^{4}{3}{}^{4},{}^{4},{}^{5},{}^{5},{}^{6}{}^{6}{}^{9}\\ {}^{2}{a},{}^{7},{}^{7},{}^{5}{}^{6}{}^{9}\\ {}^{2}{a},{}^{6},{}^{7},{}^{3}{}^{3}{}^{2}\\ {}^{2}{a},{}^{6},{}^{2}{a},$ | \$40,015 20<br>64,473 20<br>66,731 45<br>37,674 30<br>38,500 33<br>31,507 33<br>31,507 32<br>32,449 80<br>33,650 91<br>33,660 91<br>34,660 91<br>36,660 91<br>36,660 91<br>36,660 91<br>36,66 | \$113.092 66<br>877.031 93<br>428.545 08<br>815.100 114.002,855 10<br>05.77.550 10<br>05.77.550 10<br>05.77.550 10<br>14.002,855 10<br>14.002,855 10<br>15.500 477<br>17.750,655 10<br>1002,855 44<br>1002,855 44<br>1002,855 45<br>1002,855 45<br>1 | Construction and<br>General Re-<br>pairs com-<br>bined.<br>\$23,568 42<br>\$50,745 51<br>44,495 45<br>\$74,228 33<br>155,546 97<br>94,725 07<br>178,493 66<br>70,948 15<br>119,441 55 |
| 100/  | \$14,040,621 51   | \$12,559,530 98   | \$290,572 24  | \$603,356 72  | \$271,397 84   | \$653,644 16  | \$9,342,714 29  | \$1,069,661 3   |

# RENT-ROLL OR LIST OF LEASES Made by this Department, at what Term, at what Rent, to whom, and for what Property, together with a List of all Permits or Licenses Made or Granted during the Year.

|  | uuring   | the lear.  |   |   |   |
|--|--|--|---|---|---|
| PROPERTY.  | Lessee or Occupant.  | TERM OF TENANCY.   | Rent.   | RIGHT OF TENANCY.   | RECEIVED<br>DURING<br>YEAR.   |
| North River.<br>Pier, new 1<br>Bulkhead north of Pier, new 1.<br>Reclaimed law south of Pier, old 1<br>Land under water for platforms to bulkhead between<br>Piers 3 and 6, and widening Piers 4 and 3<br>Land under water for platforms at bulkheads between<br>Piers 6 and 8<br>Land under water for platform stuth side Pier 8<br>Land under water for platform at bulkheads north side<br>Pier 10, and widening north side of Pier 8<br>Land under water for platform at bulkhead north side<br>Pier 12, and half water for platform at bulkhead north side<br>Pier 13, and half water for platform at bulkhead north side<br>Pier 13, and half water for platforms butkhead north side<br>Pier 13, and 14, and 19, and 14, and 19, and 19, and 14, and 19, and 13, and 14, and 19, and 14, and 19, and 14, and 19, and 14, and 19, and 14, an | Lehigh Valley R. R. Co.<br>Pennsylvania R. R. Co.<br>New York & Baltimore Transportation Line.<br>Central R. R. Co. of New Jersey.<br>Clark & Seaman<br>William Crushank, agent.<br>Metropolitan Steamship Co.<br>Central R. R. Co. of New Jersey.<br>Central R. R. Co. of New Jersey. | May 1, 1885, to May 1, 1888<br>At pleasure of the Board<br>At pleasure of the Board<br>May 1, 1883, to May 1, 1893<br>At pleasure of the Board<br>At pleasure of the Board | 950 **<br>1,000 **<br>550 **<br>18,000 **<br>4,000 **<br>1,500 **<br>1,500 **<br>1,500 **<br>1,600 **<br>1,600 **<br>1,600 **<br>1,600 **<br>1,600 **<br>1,600 **<br>1,000 ** | By public sale, March 22, 1881.<br>By public sale, March 20, 1882.<br>By resolution, August 16, 1882.<br>By resolution, August 8, 1883.<br>By resolution, Magust 8, 1884.<br>By resolutions, Janary 2, 1892 and April 20, 1884.<br>By resolutions, Jourary 2, 1892 and April 30, 1884.<br>By resolutions, October 9, 1892 and April 30, 1884.<br>By resolutions, March 30, 1883.<br>By public sale, March 30, 1885.<br>By resolution, July 26, 1882.<br>By resolution, July 26, 1882.<br>By resolution, July 26, 1892.<br>By resolution, July 26, 1892 and April 30, 1884.<br>By public sale, October 31, 1881.<br>By public sale, March 30, 1892 and April 30, 1884.<br>By public sale, April 15, 1886. | 1,000 00<br>275 00<br>18,000 00<br>1,500 00<br>1,500 00<br>7,500 00<br>7,500 00<br>15,000 00<br>15,000 00 |

#### DECEMBER 2, 1887.

#### CITY RECORD. THE

3383 RECEIVED RIGHT OF TENANCY. LESSEE OR OCCUPANT. TERM OF TENANCY. RENT. DURING YEAR. PROPERTY. Land under water for platform between Piers 18 and 10 By resolutions, March 6, 1878 and April 30, 1884.... \$1,500 00 May 1, 1878, to 3 mos. notic \$1,500 per an Delaware, Lackawanna & Western R. R. Co..... Land under water for platform between Piers 18 and old 20. Land under water for platforms between Piers 18 and old 20 and buikhead southerly. Land under water for extension to Pier, old 20. Pier, old 21 and buikhead adjoining south side. By resolutions, May 15, 1873 and December 15, 1875.... By the Mayor, etc., lease dated December 6, 1867..... By resolution, March 11, 1874.... At pleasure of the Board... May 1, 1868, to 3 mos. notice June 15, 1874, to 3 mos. notice May 1, 1880, to May 1, 1883 (holding over)..... 1,200 00 9,000 00 2,500 00 \*\* 1,200 9,000 2,500 John H. Starin Francis MacDonald Francis MacDonald William Coverly..... .. By public sale, April 13, 1880..... 12.000 00 12,000 Land under water for platform at bulkhead north of Pier, old 28 .... ... By resolutions July 9 and 23, 1879..... 151 23 At pleasure of the Board ... Old Colony Steamboat Co..... 300 Land under water for plation at obtained a transfer to the alunder water for extension to platform north of Pier, pier 20 (except use of water on north side)... Piers, new 20 and new 21, and 560 feet bulkhead norther-ly from north side of Pier, old 23... Land under water for platform south side of Pier, old 33. One hundred feet bulkhead southerly from Franklin street One hundred feet bulkhead southerly from Franklin street By resolution June 10, 1886..... By public sale, April 15, 1886..... 326 99 Old Colony Steamboat Co..... Providence & Stonington Steamship Co..... At pleasure of the Board... May 1, 1886, to May 1, 1893 596.75 May, 1, 1260, 10 Aug, 1, 1697 At pleasure of the Board... May 1, 1885, 10 Aug, 1, 1897 At pleasure of the Board... May 1, 1885, 10 May 1, 1887, at pleasure of the Board... May 1, 1897, 10 removal for may please the beard... Feb. 1, 1880, 10 removal for new plet... By resolutions July 14, 1875, and August 12, 1881..... By resolution August 5, 1885.... By resolution April 29, 1885...... By purchase with lease March 13, 1885..... 95,000 00 7,500 00 1,000 00 2,800 00 N. Y., Lake Erie & Western R. R. Co.... Catskill Evening Line. N. Y., West Shore & Buffalo R. R. Co... Van Sickler & Co... Hunt & Donaldson... 95,000 7,500 1,000 2,800 150 per mo. By resolution April 30, 1887..... ....... Homer Ramsdell ..... Pier, old 35 ..... By resolution November 27, 1878..... By resolution August 8, 1877.... 15,000 00 15,000 per an 250 " Land under water for platform south side Pier, old 36 . Bogert & Morgan, agents ..... Bogert & Morgan, agents (assignees)..... By resolutions November 27, 1878, April 30, 1870, and Jun 15.000 By resolutions November 23, 1894. By purchase December 23, 1894. By purchase December 23, 1895. By resolutions, Argust 44, 1895. By purchase, December 23, 1894, and January 19, 1895. By purchase, December 23, 1894, and January 19, 1895. 15,000 00 3,500 00 1,500 00 Dec. 23, 1834, to May 1, 1886 Feb. 11, 1885, to May 1, 1886 May 1, 1881, to May 1, 1887 Dec. 23, 1884, and January 14, 1835, to May 1, 1888 Sept. 1, 1884, to Sept. 1, 1894 Eighty-seven feet six inches bulkhead southerly from North Moore street. Fifty feet bulkhead northerly from North Moore street. Pier, new 25. One hundred feet bulkhead southerly from Hubert street Morgan's Louisiana & Texas R. R. & Steamship Co... Morgan's Louisiana & Texas R. R. & Steamship Co... Old Dominion Steamship Co... James D. Wynkoop 3,500 1,500 30,000 30,000 00 750 00 55,000 00 Pennsylvania R. R. Co Associates of the Jersey Co. and A. Van Santvoord and H. P. Farrington Piers, new 27 and new 28 and bulkhead between...... Pier, old 39..... By resolution, November 27, 1878.... By resolution, November 2, 1874... By resolution, April 23, 1883... By resolutions, July 23 and 31, and August 3, 1874... By resolution, June 6, 1883... 15,000 00 1,000 00 20,000 00 45,500 00 35,000 00 Land under water for platform north side of Desbross 15,000 New Jersey R. R. & Transportation Co... Harvoy P. Farrington Pacific Mail Steamship Co... H. Yonge, Jr., agent street. Pier, old 40 and bulkhead northerly. Pier, new 34 and one-half bulkhead each side. Pier, new 35 One hundred and ten feet of bulkhead between Pier, new 35 and Pier, new 35 45,500 April 11, 1887, at pleasure of the Board..... June 1, 1881, to June 1, 1891. Polhemus & Winnie ..... By resolution, April 6, 1887,.... By resolutions, November 20, 1879, and April 27, and June 22, 1881..... By public sale, April 27, 1883,.... 150 per m 30,000 per au 150 00 widence and Stonington Steamship Co., assignee .... Pier. new 36..... 30,000 00 May 1, 1883, to May 1, 1893 .. 70,000 C. P. Huntington..... By puole sine, April 27, 1893. By resolutions, April 26, 1876, and January 30, 1878, and Secolutions, April 26, 1876, and January 30 and July 17, 1878. By resolutions, April 26, 1876, and April 29, 1878. By resolutions, April 26, 1876, and April 29, 1878. By resolutions, April 29, 1876, and Norember 10, 1880. By resolutions, April 29, 1881. September 1, 1881, and De-cember 21, 1881. Pier, new 37..... Half bulkhead southerly and half bulkhead nottherly o 3,003 76 To May 1, 1893 ..... May 1, 1878, to May 1, 1888 3,500 C. P. Huntington (with covenant for ten years renewal) Pier, new 37 30,000 00 Feb. 1, 1878, to Feb. 1, 1888 Francis W. J. Hurst (National S. S. Co., Limited)..... 30,000 Pier. new 30..... 30,000 00 22,500 00 7,500 00 Cunard Steamship Co. (Limited)..... Cunard Steamship Co. (Limited)—substituted..... Delaware, Lackawanna & Western R. R. Co. (assigne May 1, 1879, to May 1, 1889 Nov. 1, 1880, to May 1, 1889 Sept. 1, 1881, to Sept. 1, 1891 22,500 7,500 30,000 Pier, new 40 (except use of water on north side)...... Water, north side of Pier, new 40 .... 30,000 00 .. Sept. 1, 1836, to Sept. 1, 1891 Jan. 1, 1881, to Jan. 1, 1885 (holding over).....Jan. 1, 1881, to Jan. 1, 1886 (holding over)..... Delaware, Lackawanna & Western R. R. Co...... Hudson Tunnel Railway Co..... 5,000 Bulkhead 94 feet each side of Pier, new 41..... Reclaimed land, southerly of Pier, new 42..... .. By resolutions, March 23, 1881, and January 7, 1885..... 3,000 3,000 00 Hudson Tunnel Railway Co.... 1,000 " omJuly 1,188 .000 per ann. Land under water, southerly of Pier, new 42..... By resolution, March 23, 1881 ..... Nov. 1, 1876, to Nov. 1, 1886 Nov. 1, 1886, to Nov. 1, 1891 Nov. 1, 1886, at pleasure of the Board..... By resolution, February 18, 1875..... 30,250 00 Compagnie Générale Transatlantique..... Baltimore & Ohio R. R. Co..... By resolution, September 29, 1886..... 10,000 00 Pier. new 43..... 2.000 per me Piers, new 44 and new 45, bulkhead between and one half bulkhead north of Pier, new 45..... July 1, 1884, to July 1, 1889. March 7, 1887, to completion of rebuilding Pier, new 37, N. R.... By resolution, December 4, 1873..... 45,500 per ann. 45,500 00 Oceanic Steam Navigation Co..... C. P. Huntington.... Pie By resolution, April 4, 1887.... 4,516 13 2,500 per me Pier, new 47 and bulkhead southerly and bulkhead along easterly side of approach to Piers, new 46 and new 47. Bulkhead south of Pier, old 54. Pier at last street... Pier at Horatio street... Pier at Ganesovort street (with reservation to cancel, if required for new purplatform at bulkhead south of Thirteenth st. Berth for ice barge on north side of Pier at West Thir-teenth Street... Pier at Twenty-first street... Pier at Twenty-second street... Pier at Twenty-second street... West Twenty-second street... By public sale, April 15, 1886.... By public sale, April 21, 1884... By public sale, April 21, 1884... By public sale, April 21, 1884... May 1, 1886, to May 1, 1891 May 1, 1884, to May 1, 1887 17,000 per ann. 6,500 " 1,600 " 1,230 " 17,000 00 6,500 00 1,600 00 1,230 00 Quebec Steamship Co.... Tim Shea. Decker & Rapp. Consumers' Ice Co... ... By public sale, March 30, 1885..... 3,000 00 May 1, 1885, to May 1, 1888 3,000 Daniel Shea ..... 500 " By resolution, November 1, 1876..... 500 00 At pleasure of the Board... Drew & Bucki..... By resolution, April 30, 1887.... By public sale, April 15, 1886... By public sale, April 15, 1886... By public sale, April 15, 1886... At pleasure of the Board.... May 1, 1886, to May 1, 1891 May 1, 1886, to May 1, 1891 May 1, 1886, to May 1, 1891 150 per : 3,000 per : 3,500 '' 2,500 '' 3,000 00 3,500 00 2,500 00 A. C. Cheney.... Knickerbocker Ice Co. C. T. Van Santvoord. C. T. Van Santvoord. N. Y., Lake Erie & Western R. R. Co..... March 18, 1887, at pleasur of the Board..... By resolutions, October 20, 1886, and January 7, 1887 .... .711.50 resolution, June 5, 1882 ..... resolutions, June 30, 1880, and November 16, 1881. resolutions, July 7, 1880, December 14, and Decen 28, 1881, and April 12, 1882. resolutions, December 8, 1880, and July 19, 1882... Land under water for platform north of ferry at Twenty At pleasure of the Board.... Jan. 1, 1882, to Jan. 1, 1892. May 1, 1882, to Feb. 1, 1893 1,200 00 Twenty-third street Railway Co..... Funch, Edye & Co., agents... Pim, Forwood & Co., agents.... Pier, new 54..... Pier, new 55.... 20,000 00 July 1, 1882, to July 1, 1892 Nov. 1, 1873, to Nov. 1, 1883 (holding over)..... Dec. 5, 1886, to Oct. 8, 1894 ... By re 25,000 Simpson & Spence, agents..... N. Y. Central & Hudson R R. R. Co..... Pier, new 56..... Site for Pier at Thirty-third street..... By resolutions, September 13, 1873, and February 6, 1884 By resolution, October 8, 1884..... \*\* 5,000 00 5,000 15,000 N. Y. Central & Hudson R. R. R. Co., assignee, etc... Pier at Thirty-sixth street..... Land under water for extension to Pier at Forty-third By resolutions, September 25 and November 21, 1873... By resolution, February 13, 1884... By public ask, April 15, 1886... By resolution, March 14, 1883... By resolutions, August 6, 1876, and November 7, 1877... 100 00 250 00 5,000 00 365 00 1,000 00 Knickerbocker Ice Co. James Gillies. Union Stock Yard & Market Co. John Chester. N. Y. Central & Hudson R. R. R. Co. At pleasure of the Board... At pleasure of the Board... May 1, 1886, to May 1, 1891 At pleasure of the Board.. Nov. 1, 1877, to Nov. 1, 1887 100 250 5,000 365 1,000 Land under water for extension to Pier at rory-unro street. Land under water south side Fiftieth street. Dumping Board at Fifty-eighth street and Twellth avenue Site for Pier at Fifty-sing street. (for ereview of Statistic et al. Statistic et al. Statistic for ereview are between south line of Sixty-fifth arress cath line of Seventy-second streets, westerly, to estatished pier line of r68. Pier at One Hundred and Twenty-ninth street. By resolution, April 23, 1884..... Aug. 1, 1884, to Aug. 1, 189. 6,000 00 6,000 N. Y. Central & Hudson R. R. R. Co..... N. Y. Central & Hudson K. R. R. Co.... D. G. Yuengling, Jr. By resolution, April 28, 1880..... By public sale, March 30, 1885.... 17,500 00 May 1, 1880, to May 1, 1890 May 1, 1885, to May 1, 1888 17,500 Total ..... \$978,618 11 By public sale, April 15, 1885...... By public ale, April 15, 1885.... By public sale, April 15, 1885... By public sale, April 15, 1885... By public sale, April 15, 1886... By public sale, April 21, 1884... By public sale, March 21, 1884... By public sale, March 21, 1883... By public sale, April 21, 1883... By public sale, April 15, 1885... By public sale, April 15, 1886... East River. May 1, 1886, to May 1, 1897 May 1, 1886, to May 1, 1897 May 1, 1886, to May 1, 1997 May 1, 1886, to May 1, 1997 May 1, 1886, to May 1, 1997 May 1, 1885, to May 1, 1887 May 1, 1885, to May 1, 1887 May 1, 1885, to May 1, 1898 May 1, 1885, to May 1, 1897 May 1, 1885, to May 1, 1897 May 1, 1886, to May 1, 1997 May 1, 1886, to May 1, 1997 May 1, 1896, to May 1, 1997 Arpleasure of the Board... A pleasure of the Board... May 1, 1886, at pleasure 1 of the Board... May 1, 1886, at pleasure of the Board... \$4,000 00 1,000 00 1,000 00 8,000 00 8,000 00 200 00 5,500 00 1,675 00 6,000 Ce 6,500 00 4,coo per ar Central & Hudson R. R. R. Co. Central & Hudson R. R. R. Co Lake Frie & Western R. R. Co East half of Pier 4..... Bulkhead and platform between Piers 4 and 5..... N. Y. Central & Hudson R. R. R. Co... N. Y. Catral & Hudson R. R. R. Co... William D. Morgan. C. H. Mallory & Co... Hartford and N. Y. Transportation Co... st half Pier 8.... est half Pier 8.... Ist half Pier 18..... Aur water for platform south of Pier 20. 5,500 6,500 resolution, September 15, 1886..... public sale, April 15, 1886.... resolution, December 24, 1884.... Baltimore & Ohio Railroad Co..... 1,075 3,000 2,000 \*\* 537 50 New Haven Steamboat Co..... Long Island R. R. Co..... By resolution, August 20, 1886..... .. 0.165 67 10.000 mas Clyde..... between ..... Land under water for platform between Piers 33 and 34 By resolution, August 20, 1886..... Thomas Clyde..... \*\* 275 00 the Board. 300 Geo. H. Penniman.... Maine Steamship Co.... Peter Charles... Nov. 1, 1878, to May 1, 1879 Nov. 1, 1881, to May 1, 1887 At pleasure of the Board... May 1, 1882, to May 1, 1887 Jan. 1, 1821, at pleasure of the Board.... By public sale, December 16, 1878.... By public sale, October 31, 1881. By resolution June 16, 1875... By public sale March 29, 1881.... Land under water for widening east side and extensi 700 00 12,000 00 400 00 9,000 00 \*\* 700 Pier 36... Pier 38 and halt buikhead westerly... Land under water for platform between Piers 38 and 3 Pier 40 and half buikhead easterly, mcluding platform.. Land under water for platform between Piers 49 and 50 400 Maine Steamship Co. Peter Charles. Frank Phelps. N. Y., New Haven & Hartford R. R. Co., assignce 1,000 .. By resolutions November 22, 1880, and July 21, 1886.... 1,000 00 4,000 00 By resolution May 26, 1880..... By resolutions May 7, 1884, and November 6, 1879..... \*\* At pleasure of the Board... At pleasure of the Board. 4,000 By public sale March 30, 1885..... 2,500 00 2,50. 2,000 (for first five yrs. 2,250 2d five yrs. 200 per ann " May 1, 1885, to May 1, 1888 Nov. 1, 1878, to May 1, 1894 Joseph V. Brown..... Nassau Ferry Co..... By public sale December 16, 1878..... By resolution January 8, 1879... By public sale March 30, 1885... By public sale April 75, 1886... By public sale March 30, 1885... 2,250 00 300 00 2,000 00 3,000 00 700 00 May 1, 1879, to May 1, 1894 May 1, 1885, to May 1, 1888 May 1, 1886, to May 1, 1881 May 1, 1886, to May 1, 1881 300 2,000 3,000 700 Nassau Ferry Co.... Ridgewood Ice Co... Joseph V. Brown..... H. L. Herbert & Co..... Site for pier, 130 feet south of Houston street..... Pier at Tirid street (except reservation for Police boar). Pier at Fifth street... Bulkhead at Twenticth street. Bulkhead south of Twenty-fourth street, north of ferr er au \*\* By public sale March 22, 1881 ..... By public sale April 21, 1884 ..... By public sale April 15, 1886 ..... Greenpoint Ferry Co..... Joseph V. Brown.... East River Ferry Co..... June 1, 1881, to June 1, 1891 May 1, 1834, to May 1, 1887 May 1, 1886, to May 1, 1891 4,100 3,000 2,000 \*\* 4,100 00 Buikness premises, finit arceet... South had my donter end pier at Thirty-third street ... Nord pier at Thirty-third street (except reservation of outer end)... Buikhead at Thurty-fifth street... By public sale May 27, 1880 ..... By public sale April 15, 1886 ..... \*\* May 1, 1881, to May 1, 1891 May 1, 1886, to May 1, 1891 1,000 CO 500 00 1,000 500

East River Ferry Co..... Jeremiah Skidmore's Sons.....

## 3384

# THE CITY RECORD.

.

DECEMBER 2 1887.

| PROPERTY.   | LESS <sup>®</sup> E OR OCCUPANT. | TERM OF TENANCY.  | RENT.  | RIGHT OF TENANCY.  | RECEIVED<br>DURING<br>YEAR.                              |
|---|----------------------------------|---|--|--|--|
| Bulkhead at Forty-seventh street<br>Bulkhead at Forty-sinth street<br>Pier at Fity-third street.<br>Site for balkhead between Fity-sixth and Fifty-seventh<br>streets.<br>Site for platform, etc., outh of Sixty-third street<br>Land under water for platform at Sixty-Third street.<br>Crib bulkhead and platform between Sixty-third and<br>Sixty-fourth streets<br>Site for platform between Seventy-fourth street.<br>Site for platform between Seventy-fourth and Eightieth<br>streets<br>Harlem River. | James L. Miller                  | May 1, 1885, to May 1, 1888<br>May 1, 1885, to May 1, 1886<br>(holding over)<br>May 1, 1896, to May 1, 1891<br>May 1, 1886, to May 1, 1893<br>At pleasure of the Board<br>At pleasure of the Board<br>June 1, 1874, to June 1, 1884<br>(holding over) | \$2,000 per ann.<br>300 **<br>500 **<br>800 **<br>100 **<br>250 **<br>680 **<br>100 **<br>250 **<br>100 ** | By public sale April 15, 1886<br>By public sale March 30, 1885<br>By public sale April 27, 1883<br>By public sale April 17, 1886<br>By public sale April 15, 1886<br>By public sale March 30, 1897<br>By resolutions April 27, 1897, and April 30, 1884<br>By resolution December 24, 1896<br>By resolution SMay 28, 1874<br>By resolution Newber 21, 1897<br>By resolution November 21, 1897<br>By resolution May 3., 1878<br>Total | 525 00<br>500 00<br>800 00<br>100 00<br>250 00<br>680 00 |
| Berch for float, north side pier at One Hundred and<br>Twenty-fink street.<br>and under water south side One Hundred and Twenty-<br>sarth street.<br>and under water for bridge paer at One Hundred and<br>Twenty-minth street and Second avenue  | Edward McGrath                   | At pleasure of the Board  |  | By resolution April 24, 1878<br>By resolution June 29, 1883<br>By resolutions April 4, 1883, and June 20, 1883<br>Total  | \$50 00<br>400 00<br>500 00<br>\$950 00                  |

## LIST OF LEASES sold at Public Sale, held April 9th, 1887, to take effect on and after May 1st, 1887, for what Term, at what Rent, to whom, and for what Property.

| PROPERTY.   | Lessee or Occupant.  | TERM OF TENANCY.  | Rent.              | RIGHT OF TENANCY.   | RECEIVED<br>DURING<br>YEAR. |
|---|--|---|--------------------|---|-----------------------------|
| North River.  |  |   |                    |   |                             |
| Pier, old 20, and bulkhead on southerly side, the bulkhead<br>between Pier, old 20, and Pier, old 21, and Pier, old 2   | 1  |   |                    |   |                             |
|   |  | May 1, 1887, to May 1, 1892   | \$36,000 per ann.  | By public sale, April 9, 1887   |                             |
| South half Pier, old 22   |  | May 1, 1887, to May 1, 1888<br>May 1, 1887, to May 1, 1888<br>May 1, 1887, to May 1, 1888 | 1,200 "<br>1,500 " | By public sale, April 9, 1887<br>By public sale, April 9, 1887  |                             |
| North half Pier, old 34.<br>Bilkhead and Platform 87 feet 6 in southerly of North   | . S. D. Covkendall and James F. Morris.                                | May 1, 1887, to May 1, 1888   | 5,000 "            | By public sale, April 9, 1887   |                             |
| Moore street  | Morgan's Louisiana & Texas R R and S S Co                              | May 1, 1887, to May 1, 1888   | 3,500 "            | By public sale, April 9, 1887   |                             |
|   |  |   |                    |   |                             |
| platform in front of same.<br>Julkhead south of Pier, old 34, commencing about ro<br>feet south of the south side of the pier and extending<br>southerly about 300 feet to the approach to Pier   | 7<br>5   | May 1, 1887, to May 1, 1888   | 1,500 "            | By public sale, April 9, 1877   |                             |
|   |  | May 1, 1887, to May 1, 1890   | 5,500 "            | By public sale, April 9, 1887   |                             |
| Pier at Bethune street.<br>Bulkhead extending from Pier at foot of Gansevoort street<br>to Pier, old 57, near the foot of Bogart street (will<br>recorded to the street of the stre | A. I. Decker & Co  | May 1, 1887, to May 1, 1888   | 1,200 "            | By public sale, April 9, 1887   |                             |
| reservation to cancel, if required, for new Public<br>Market)   | N.Y. City Ice Co   | May 1, 1887, to May 1, 1888   | 1.200 "            | D 11 1 1 1 1  |                             |
| Market).<br>Mulkhead between Pier, old 57 and Pier, old 58 (with re-<br>servation to cancel, if required, for new Public<br>Market).  | c<br>John A. Bouker  |   |                    | By public sale, April 9, 1887   |                             |
| Market)<br>Bulkhead between Pier, old 58, and Pier, old 59 (with re-<br>servation to cancel, if required, for new Public<br>Market).  | 2  | ,   | .,,,               | By public sale, April 9, 1887   |                             |
|   |  | May + +88a to May Pas   | 1,200 "<br>2,000   | By public sale, April 9, 1887   |                             |
| ier at West Thirty-fifth street.<br>ier and Temporary Approach at West Fortieth street<br>Julkhead at West Forty-First street<br>ier at West Forty-fourth street.   |  |   | 4,500 "            | By public sale, April 9, 1887<br>By public sale, April 9, 1887  |                             |
| Bulkhead at West Forty-First street   | Vestern Stock Vard Co.<br>John A. Bouker.<br>New York House Manure Co. | May 1, 1887, to May 1, 1892<br>May 1, 1887, to May 1, 1888                                | 7,000 "            | by public sale, April 9, 1887.<br>By public sale, April 9, 1887.<br>By public sale, April 9, 1887.<br>By public sale, April 9, 1887.                              |                             |
| ier at West Forty-fourth street.  | New York House Manure Co   | May 1, 1887, to May 1, 1888<br>May 1, 1887, to May 1, 1892                                | 3,500 "            | By public sale, April 9, 1887   |                             |
| ulkh ad on the southerly half of West Nigety-seventh  | James McLaughin  | May 1, 1837, to May 1, 1888   | 125 "              | By public sale, April 9, 1887   |                             |
| street<br>ulkhead between West One Hundred and Thirtieth and<br>West One Hundred and Thirty-first streets, and the  | J. Cox & Co  | May 1, 1887, to May 1, 1888   | 200 "              | By public sale, April 9, 1887   |                             |
| southerly side of the pier at West One Hundred and<br>Thirty-first street.  | Fort Lee Ferry Co  | Max   | F00 "              |   |                             |
| Thirty-first street<br>er at West One Hundred and Fifty-second street   | John A. Bouker   | May 1, 1887, to May 1, 1801<br>May 1, 1866, to May 1, 1888                                | 500 "<br>100 "     | By public sale, April 9, 1887<br>By public sale, April 9, 1887  |                             |
| East River.   |  |   |                    |   |                             |
| thereof   | New Here Complete C  |   |                    |   |                             |
| thereof.<br>ast half of Pier 33, west half of Pier 34, and bulkhead   | New Haven Steamboat Co   | May 1, 1887, to May 1, 1888   | 8,000 per ann.     | By public sale, April 9, 1887   |                             |
|   |  | May 1, 1887, to May 1, 1892   | 8,000 "            | By public sale, April 9, 1887   |                             |
| er 38 and half bulkhead westerly  | Maine Steamboat Co<br>F. W Wright                                      | May 1, 1887, to May 1, 1892<br>May 1, 1887, to May 1, 1892<br>May 1, 1887, to May 1, 1890 | 12,000 "           | By public sale, April 9, 1837<br>By public sale, April 9, 1887  |                             |
| ier 43.<br>uutherly side and end of Pier 55 and the bulkhead at<br>the foot of Cherry street.<br>orth half Pier 56, south half of Pier 57, and bulkhead   |  | May 1, 1887, to May 1, 1890<br>May 1, 1887, to May 1, 1892                                | 4,000 "<br>1,000 " | By public sale, April 9, 1887<br>By public sale, April 9, 1887  |                             |
|   | C. E. Murtagh  | May 1, 1887, to May 1, 1800   | 1.000 "            | By public sale, April 9, 1887   |                             |
| ortherly half of Pier 62 foot of Stanton street<br>alkhead at foot of East Fourth street  | C. E. Martagh  | May 1, 1887, to May 1, 1800<br>May 1, 1887, to May 1, 1888                                | 800 **             | By public sale, April 9, 1887<br>By public sale, April 9, 1887 |                             |
| Ikhead at the foot of East Fifteenth street   | R Ingliss  | May r 1887 to May r 1888  | 100 "<br>150 "     | By public sale, April 9, 1887   |                             |
|   | Louis Brandt   | Man 90- to Man 000  | 300 "              | By public sale, April 9, 1887   |                             |
| er at Thirty-first street.  | J. V. Brown<br>Joseph V. Brown   | May 1, 1887, to May 1, 1890<br>May 1, 1887, to May 1, 1892                                | 1,000 "            | By public sale, April 9, 1887<br>By public sale, April 9, 1887 |                             |
|   | I. H. Starin.  | May 1, 1887, to May 1, 1802   | 1,200 "            | By public sale, April 9, 1887   |                             |
| Ikhead at the foot of Fast Thirty sixth street  |  | May 1, 1887, to May 1, 1800   | 110 "              |   |                             |
| ilkhead at the foot of East Forty-first street  | Equitable Gas Light Co   | May 1, 1887, to May 1, 1890<br>May 1, 1887, to May 1, 1895                                | 100 "              |   |                             |
| ilkhead at the foot of East Forty-fourth street<br>ilkhead, etc., between East Fifty-fourth street and  | Jacob Fleischauer  | May 1, 1887, to May 1, 1890   | 50 "               | By public sale, April 9, 1887.<br>By public sale, April 9, 1887.  |                             |
| East Fitty-fifth street   | Isaac Untermyer.   | May 1, 1887, to May 1, 1892   | 300 "              | By public sale, April 9, 1887   |                             |
| hrst street   | Cavanagh & Collins   | May 1, 1887, to May 1, 1890   | 1,400 "            | By public sale, April 9, 1887   |                             |
| the Pier at East Sixty-second street  | Knickerbocker Ice Co   |   |                    |   |                             |
| alkhead at foot of East Sixty-third street and East   | Neidlinger, Schmidt & Co<br>Neidlinger, Schmidt & Co                   | May 1, 1887, to May 1, 1890<br>May 1, 1887, to May 1, 1890                                | 400 "              | By public sale, April 9, 1887<br>By public sale, April 9, 1887  |                             |
| Sixty-fourth street<br>ulkhead, etc., at foot of East Sixty-fourth street   | Neidlin er. Schmidt & Co   | May 1, 1887, to May 1, 1892<br>May 1, 1887, to May 1, 1890<br>May 1, 1887, to May 1, 1890 | 750 "              | By public sale, April 9, 1887   |                             |
| he bulkhead at the toot of East Seventieth street<br>he bulkhead at East Seventy-eighth street, the bulkhead<br>platform between East Seventy-eighth street and<br>East Seventy-pinth street and the Pinz of Form   | F. P. Eastman  | May 1, 1887, to May 1, 1890   | 400 "              | By public sale, April 9, 1887<br>By public sale, April 9, 1887<br>By public sale, April 9, 1887   |                             |
| East Seventy-ninth street, and the Pier at East<br>Seventy-ninth street<br>Ikhead at the foot of rast Ninety-ninth street   | Ridgewood Ice Co   | May 1, 1887, to May 1 -800  | 4.000 "            | Bu public colo April - 00   |                             |
| lkhead at the foot of <i>c</i> ast Ninety-ninth street  | Cavanagh & Collins   | May 1, 1887, to May 1, 1895<br>May 1, 1887, to May 1, 1890                                |                    | By public sale, April 9, 1887<br>By public sale, April 9, 1887  |                             |
| H rlem River.   |  | -   |                    |   |                             |
| Ikhead platform at foot of East One Hundred and<br>Fourth street  | Lehman Leur  | Man   |                    |   |                             |
| ilkhead platform at East One Hundred and Fifth  |  | May 1, 1887, to May 1, 1890   | 200 "              | By public sale, April 9, 1887   |                             |
| street<br>Ikhead at East One Hundred and Sixth street   | Kane & Wright<br>A. Scott  | May 1, 1887, to May 1, 1890<br>May 1, 1887, to May 1, 1890                                | 325 "<br>500 "     | By public sale, April 9, 1887   |                             |
|   |  | Max - 100- to Max0  | F00 11             | By public sale, April 9, 1887   |                             |

| From North River water-front  | #0786.8 m   |  |
|---|---|--|
| From Fast River "   | \$9/0,010 11  |  |
|   |   |  |
| From Harlem River "   | 050 00  |  |
|   |   | \$1,112,002 28   |
| Vharfages collected from unleased property :  |   |  |
| On North River water (ront  |   |  |
|   | \$80,899 25   |  |
| On East and Harlem Kiver  | 66.010 05   |  |
|   |   | 147,809 30   |
| Received during the year  |   | tr 200 811 #8  |
| Unpaid rents and whatfage placed with Counsel to the Corporation during the year for collection |   | P1,259,011 50  |
|   |   |  |
| Total Revenue for the year ending May 1, 1887   |   | \$1 260 026 TB   |
|   | From East River " From Harlem River " Anarfages collected from unleased property : On North River water-front | From Harlem River         139.434 f7           /harfages collacted from unlessed property :         959 00           On North River water-front.         \$80,899 a5           On Energy Harden         \$\$0,999 a5 |

#### THE CITY BECOBD.

#### 3385

#### REPORT OF THE ENGINEER-IN-CHIEF.

DEPARTMENT OF DOCKS, PIER "A," FOOT OF BATTERY PLACE, N. R., OFFICE OF THE ENGINEER-IN-CHIEF, New York, May 1, 1887. To the Board of Docks :

GENTLEMEN-I have the honor to submit the following report of the work under my charge and supervision during the year ending April 30, 1887.

#### NORTH RIVER-WORK WNDER NEW PLAN.

Battery Section—Embracing the boat landing, Pier, A and Pier new 1, North river, and about 80 feet of bulkhead north of Pier, new 1. Pier A—This pier has been completed, with the exception of the asphalt covering of its deck or top, upon the plan described in the annual report for 1885 and 1886. Some of the iron work of the pier has been planed at the door, and plans and specifications prepared and submitted to the Board for improvement of the approach to the pier and of the adjacent boat landing.

ing. An additional boiler for the steam heating has also been built and put in place on the pier.

 Chambers Street Section - Extending from the north side of Pier, old 29, to 91.70 feet north of the north side of Pier, new 21, a distance of 651.70 feet.
 670.50 feet.

 Length of piling to date.
 670.50 feet.
 63.42 "

 " " E " course of granite to date.
 569.64 "

 Equivalent length of completed wall to date.
 589.40 "

 the Board dated October 27, 1980.

 North Moore Street Section — Extending from a point 21 feet south of the south side of Pier, new 26, North river, to a point half-way between North Moore street and Franklin street, a distance of about 340 feet.

 Dredging to date.
 190.00 feet.

 Stone filling to date.
 100.00 feet.

 Equivalent length of completed wall
 34.66 "

 Nothing has been done upon this section.
 Negotiations are pending for purchase of 125 feet of old bulkhead property which will terminate the injunction of July 7, 1881, and allow the work then stopped to proceed.

Beach Street Section -- Extending from 21 feet south of the south side of Pier, new 26, to 95 feet of the north side of Pier, new 26, a distance of 196 feet.

of the north side of Pier, new 26, a distance of 196 feet.

Length of piling to date.

base blocks to date.

Carbon date.

Carbo

Laight Street Section.-Extending from 95 feet north of the north side of Pier, new 26, North river, to the southerly side of Pier, old 39, a distance of about 500 feet.

#### Sections North of Canal Street.

The sections north of Canal street on which the bulkhead or river wall has been completed are as follows :

| SECTION.   | LENGTH OF "E"<br>OR TOP COURSE OF<br>GRANITE UNDER<br>COPING.  | EQUIVALENT<br>LENGTH OF COM-<br>PLETED WALL,   |
|--|--|--|
| Canal Street Section.<br>Spring "<br>Charlton "<br>New King Street Section.<br>Old King Street Section.<br>Lower Clarkson Street Section.<br>Houson "<br>Leroy Larkson "<br>Leroy "<br>Christopher " | 334-95<br>139.92<br>406 74<br>148.41<br>114.49<br>152.91<br>109.80<br>102.51<br>561.40<br>151.33<br>1,095.22 | 373.89<br>133.92<br>406 74<br>148.41<br>114.49<br>152.01<br>109.89<br>102.51<br>561.46<br>151.33<br>1,111.51 |
| Total length   | 3,317.83   | 3,373.06   |

These sections embrace Piers, new 34 to new 47, inclusive of both.

These sections embrace Piers, new 34 to new 47, inclusive of both. Repairs have been made to the pavement when carried down by the settlement of the newly made land upon which it rests. Pier, new 35 is being rebuilt by the Ocean Steamship Company, H. Yonge, Jr., agent and lessee, under the resolution of the Board, passed June 6, 1883. The railcoad track from Pier, new 36 to the New York Central and Hudson River Railroad on West street has been taken up, the Providence and Stonington Steamship Company, present lessees of the pier, having no use for it. Pier, new 37 was burned to the water's edge on February 28, 1887, during a strong north-westerly gale and very low tide, and the iron shed on the bulkhead, from half way between Piers, new 36 and 37, to half way between Piers, new 37 and new 38, which was nearly completed, was very badly damaged. No repairs to the puer or shed have been made since the fire. Pier, new 41, N. R., an iron shed on the bulkhead, from half way between Piers, new 40 and 41, to half way between Piers, new 41 and 42, has been been unde laware, Lackaa wainna and Western Railroad Company, lessee, under permit of the Board, passed August 20, 1886. Waiting places for pedestrians have been placed on two of the cross-walks leading to the Christopher Street Ferry across the new made land and pavement to afford protection agains iteams in the long crosswalk of 180 feet. They have been built of wood, but should they prove useful and succesful it will probably be advisable to replace them with stone or iron when they are word out. The remains to Pier, new 46 and shed upon it have not vet been reached

out. The repairs to Pier, new 46 and shed upon it have not yet been reached.

West Twenty third Street Section, South End -Extending from 10 feet south of the northerly side of West Twenty third street to 43.27 feet north of Pier, new 57, a distance of 1,238.2 feet.

| Length of | piling for the year                | 0.00 feet ; | to date | 968.00 feet. | . |
|-----------|------------------------------------|-------------|---------|--------------|---|
|           | hase blocks                        | 00.0        | "       | 878.23 "     |   |
| **        | "E" course of granite for the year | 0.00        | ••      | 787.53 "     |   |
| **        | Extra course of granite            | 205.19      | **      | 205.19 "     |   |

West Twenty-third Street Section, North End-Extending from 43.27 feet north of Pier, 57, to the northerly line of West Thirtieth street, extended, a distance of 615.42 feet.

| Length of piling for the year                                | 0.00 fee | t; to da | te 500.00 feet. |
|--|----------|----------|-----------------|
| " base blocks  | 0.00     |          | 471.80 "        |
| " "F" course of granite for the year                         | 0.00     |          | 442.12 "        |
| Approximate equivalent length of completed wall for the year | 0.00     | "        | 492.00 "        |

For the same reasons as apply to the West Twenty-third street section, south end, only the general work has been done upon this section as upon the above.

West Thirty-first Street Section. - Extending from the northerly side of West Thirtieth street to the northerly side of West Thirty-first street, a distance of 257.5 feet.

All the granne, except the coping, has been set upon this section, and the image behave the Plans and specifications are nearly completed for building Pier, new 61, 500 feet in length by 100 feet wide, at the foot of West Thirty-first street, and the dredging necessary for this pier is partly dose.

#### EAST RIVER.

EAST RIVER. Pier, new 32.—Under resolution of the Board of December 1, 1886, the removal of Pier, old 41, East river, at the foot of Pike Slip was begun, and under Contract No. 241, the construction of Pier, new 32, East river, was begun, and is now in progress. The necessary maps and form of application, and other information necessary for application to the Commissioners of the Land Office for grant of lands under water, in accordance with section 720 of chapter 410 of the Laws of 1882, known as the New York City Consolidation Act, have been made and prepared, and the application for the grant was made on the 10th day of March, 1887, but has not yet been acted upon by the Commissioners of the Land Office. The examination of the Harlen river water front has been continued, and the results have been mapped and put in condition for study and use.

WORK OF CONSTRUCTION NOT UNDER NEW PLAN.

#### NORTH RIVER.

#### West Seventy-seventh to West Eightieth Street.

Under Contract No. 243 the construction of new wooden crib-work bulkhead from southerly side of Seventy-seventh to southerly side of Seventy-eighth street was begun April 15, 1887, and the work is now in progress and will probably be completed before, 1st of August, 1887, and the filling on the existing bulkheads from Seventy-eighth to Eightieth street leveled and cared for.

## West One Hundred and Fifty-eighth Street.

Examinations have been made for a pier at foot of West One Hundred and Fifty-eighth street, and plans and specifications for the same are in progress.

#### EAST RIVER. East Seventy-sixth Street.

Examinations have been made of the bottom, with view of preparing plans and specifications for building small pier at foot of East Seventy-sixth street.

#### East Eightieth Street.

Examinations have been made and plans and specifications are nearly ready for building a small dumping-board pier at the foot of East Eightieth street.

#### GENERAL REPAIRS.

The repairs to unleased piers, bulkheads, etc., have been very numerous, and among the more extensive are, on North River.

North River. Shed on Pier, new 43. Pier, old 54. Pier at Bogart street. Pier at West Nincteenth street. Pier at West One Hundred and Fifty-second street.

#### East River.

*East River.* Bulkhead between Piers 18 and 19. Pier at East Thirty-seventh street. In the Appendix a detailed statement of all the repairs is given, together with a statement in detail of repairs made to various structures on the water front for other City Departments. The number or other designation of each pier has been painted on its outer end as a guide to persons passing along the water front in boats or vessels.

#### Surveying Party.

Surveying Party.
Base lines and bench marks have been verified from time to time in connection with the construction of the bulkhead wall, and of piers at the different sections of the North river, and from them lines and levels have been given during the progress of the work.
Lines and levels have been given for contract work on general repairs on both rivers. The quantities of sand, broken stone for concrete, rip-rap and coble stone delivered at the various sections have been measured and calculated.
Surveys and examinations have been made over 170,194 linear feet of water front. These surveys have been pleted and put on file in this office, and tracings have been prepared therefrom.
1,250 of soundings, to ascertain the depth of soft mud, have been taken, of which 544 were on the North river and 715 on the East and Harlem rivers.
88, 170 disk soundings, to ascertain the depth of water, have been taken on the North, East and Harlem rivers.
379 rod soundings to ascertain the depth of water, have been taken of which 544 were on the North river and 715 on the East and Harlem rivers.
379 rod soundings to ascertain the depth of water, have been taken of which 543, 271 were taken in 197 slips on the North river, and 44,899 in 315 slips on the East and Harlem rivers.
379 rod soundings and 2,446 disk soundings were for construction, and 880 rod soundings and 85,724 disk soundings and 2,446 disk soundings were for construction, and 880 rod soundings and 3,446 disk soundings or record in this office.
All the dredging done by the Department and the dumping of all dredged material have been supervised. and the dredging done by private parties has also been supervised.
The accounts of all dredging done by private parties has also been supervised.
The automatic tide gauges at Pier A and Pier, new 43, North river, and those on Harlem river, have been atheded to and their records preserved and fied.
West Fifty-

West Fifty-seconth Street Vard-Eight concrete base-blocks have been made at this yard during the year. There have been received 1,719 barrels of cement, and samples of each lot have been tested, and eleven tests have been made of cement not used by the Department, for private parties on payment to the treasurer of proper fee. All the iron and blacksmith work for the Department has been done here, and stores and supplies received and issued to the various sections of work as required.

East Seventeenth Street Yard.-This yard has been kept in order and used for storage of granite and other materials, which have been issued to the work as required.

I herewith submit an Appendix, containing— A summary of the work of construction nuder the "new plan." A summary of the work of construction not under the "new plan." A table of wharfage room made by the Department of Docks during the year.

Floating Property.

The list of pieces of floating property is changed from that of last year only by the omission of the scow "Joe," condemned. Three new scows are to be built during the coming year under resolution of the Board of December 8, 1886. The too-ton derrick "City of New York" has done the usual work. The tuge "Manhattan" has done nearly all the towing for the Department, and the various other pieces of the floating property have been used as required, and kept in order.

### THE CITY RECORD.

#### 3386

A summary of work at the Department yards. A summary of the work of "General Repairs." A summary of work done for other Departments. A summary of work done for and at the expense of alleged owners, lessees and others. A summary of the work on "Floating Property." A list of the contracts under which work has been done during the year. A list of the forms of contracts and specifications submitted to the Board of Docks during the

year. A statement in detail of the dredging done by the Department of Docks during the year. A table of the dredging done by lessees or owners during the year by order or under permit of the Board of Docks. A statement of stock on hand, purchased, fabricated and issued at West Fifty-seventh Street Yard.

A statement of granite on hand, received and issued at East Seventeenth Street Yard. A full statement of the work done by owners and lessees of piers and bulkheads, and by others, by order or permit of the Board of Docks, and under my general supervision.

The following are among the most important of such works :

#### North River.

North River. Castle Garden, North river.—Extensive repairs to platform and shed on platform in front of Castle Garden were made by the Commissioners of Emigration. Begun March 10 and finished April 20, 1887. Bulkhead between Piers 2 and 3. North river.—A platform and shed upon it was built by the Lehigh Valley Railroad Company, covering about 2,210 square feet. Begun September 4 and finished December 6, 1886. Pier 9, North river.—The shed on Pier 9, North river, was destroyed by fire on January 29, 1887, and a new shed was begun on March 20, 1887, and is now in progress. Bulkhead between Piers, old 28 and 29, North river.—Iplatform on piles with a shed thereon was built by the Old Colony Steamboat Company, covering about 7,180 square feet of land under water. Begun February 18, 1887, and is not quite completed. West Fourteenth street, North river.—The new ferry house, racks, etc., of the Hoboken Land and Improvement Company at West Fourteenth street were completed and first used on May 3, 1886.

1886. Provide Company in view root routection succeivate competed and mix acts on May 3, West Twenty-third street, North river.—A new platform, float bridge and racks were built by the New York, Lake Erie and Western Railroad Company immediately south of West Twenty-third street ferry to be used for the landing of cars loaded with freight. The work was begun on November 17, 1886, and finished on March 17, 1887. West Seventieth street, North river.—The pier belonging to the New York Central and Hudson River Railroad Company just south of West Seventieth street, North River, was destroyed by fire, and is being repaired and rebuilt by the said company. Work was begun on April 21, 1887, and still in progress.

#### East River.

Pier 2, East river.—The easterly half of Pier 2, East river, was removed, and ferry house, racks, bridges and platforms were erected by the South Brooklyn Ferry and Steam Transportation Company. Work was begun on July 20, 1886, and finished April 18, 1887. Pier 49, East river.—Thorough and extensive reparts were made to Pier 49, East river, and the shed thereon was rebuilt by the alleged owners. The work was begun on February 10, 1887, and finished April 30, 1887.

#### Harlem River.

 Harlem River.

 One Hundred and Fourteenth to One Hundred and Fifteenth street, Harlem river.—A crib bulkhead was built by Mr. John Dwight from the northerly lne of One Hundred and Fourteenth and One Hundred and Fifteenth street to the block between One Hundred and Fourteenth and One Hundred and Fifteenth street. Begun on October 11, 1886, and finished February 19, 1887.

 One Hundred and Fifteenth to One Hundred and Sitteenth streets, Harlem river.—A crib Dukkhead was built by the New York Steam Company from the northerly side of One Hundred and Fifteenth streets. Harlem river.—A crib Dukhead was built by the New York Steam Company from the northerly side of One Hundred and Sitteenth street, under permit of the Doch Work was begun on September 3, 1886, and finished December 1, 1886. The filling-in behind the bulkhead is still in progress.

 Torm One Hundred and Thirty-fifth to One Hundred and Sitteenth street, but the filling in rear of same is still an progress.

 With New York, New Haven and Hartford Railroad Company. Begun February 10, 1886, and finished Cotober 2, 1886.

 One Hundred and Fifty-fifth to One Hundred and Fifty-seventh street, West side Harlem river.—A new slip for the use of car floats was constructed by the New York, New Haven and Hartford Railroad Company. Begun February 10, 1886, and insished October 2, 1886.

 One Hundred and Fifty-fifth to One Hundred and Fifty-seventh street, West side Harlem river.—Mextensive crib-work bulkhead was begun by Mrs. Sarah Lynch on November 3, 1886, and filling in behind the same, begun in 1885 by J. J. Astor, is still in progres.

 One Hundred and Fifty-first street, East side of Cromwell's Creek.—The crib-work bulkhead and filling-in behind the same, begun in 1885 by J. J. Astor, is still in progres.

the year. Very respectfully, your obedient servant,

G. S. GREENE, JR., Engineer-in-Chief.

#### APPENDIX.

Summary of the Journal of the Work for the Year ending April 30, 1887.

WORK OF CONSTRUCTION UNDER THE NEW PLAN.

#### NORTH RIVER WATER FRONT.

#### BATTERY SECTION.

#### Pier " A." N. R.

#### Under Resolution of the Board, July 3, 1884.

PAINTING IRON GIRDERS.

October 1 to 17, 1886.—Bottom flanges of the iron girders and exposed iron work on the deck nd sides of the pier were painted with two coats of metalic paint.

#### STEPS FOR BUILDING.

Under Secretary's Order, No. 6121.

December 13, 1886, to January 26, 1887.—Temporary wooden steps and platform were ma at the southerly entrance of the building, using 704 feet, B. M., of new 3-inch spruce, and 54 fe B. M., of pine.

CHAMBERS STREET SECTION.

Under Resolution of the Board, November 24, 1877, and November 21, 1878.

#### EARTH FILLING.

June 25 and 26, 1886.—A trench in the earth filling was dug north of Chambers street office to drain off the stagnant water. March 3 and 4, 1887.—Earth filling was excavated over the old wooden sewer box on the new made land between Piers, new 20 and 21, North river. Several small holes repaired in same, and the earth filling replaced and properly rammed.

Bulkhead between Piers, new 20 and 21, N. R.

#### PLACING WOODEN BOXES.

Under Secretary's Order No. 6081.

December 3 to 5, 1886.—Two wooden boxes of 4 inch spruce plank, about two feet square, with perforated covers, were made and placed on the new made land to drain off the water between Piers, new 20 and 21, North river, over openings cut in the sewer box discharging at the outer end of Pier, new 21, North river.

Under Resolution of the Board July 30 and November 30, 1880.

# LAIGHT STREET SECTION.

REMOVING OLD WORK. July 12 to 31, 1886.—Part of old platform and shed just east of the new bulkhead wall opposite and between Piers, new 27 and 28, North river, was removed by the Pennsylvania Railroad Com-

August 26 to November 16, 1886.—Old sheathing, decking and square timbers were removed in front of Piers, new 27 and 28, North river, to make way for earth filling.

#### EARTH FILLING.

September 9, 1886, to February 24, 1887.—3,669 loads of earth filling were received on tickets, ad were placed in rear of the bulkhead wall. Total to date, 21,127 loads on tickets and 461 loads and were placed in rear of the bulkhead wall. Four events was shored up, having been disturbed by the filling at the north of it.

March 12, 1887.—Wall foundation was examined by diver, with reference to removing the l, in order to proceed with building the new bulkhead wall.

#### Pier, new 34, to Pier, new 42, N.R.

EXAMINATION OF PAVEMENT.

#### Under Secretary's Order No. 3501.

Levels were taken by the surveying party on the newly paved land between Piers, new 34 and 42, North river, at different times during the year.

#### Pier, new 36, N. R.

#### RELAYING PAVEMENT.

#### Under Secretary's Order No. 5952.

Under Secretary's Order No. 5952. November 8 to December 23, 1886.—Railroad tracks and wooden ties were removed by the New York Central and Hudson River Railroad company. The area was then graded by the force of the Department, and the removed pavement was replaced by Mr. George F. Doak, under Treasurer's Order No. 12069. The coal-tar and gravel were then filled in the joints by Depart-ment labor.

Bulkhead between Piers, new 41 and 42, N. R.

#### LAYING BLOCK STONE PAVEMENT.

Under Resolution of the Board October 20, 1886. November 1 to December 4, 1886. – Old cobble pavement was taken up, placed on scow and transferred to the West Thirty-second Street Section, and used as rip-rap stone in rear of bulkhead wall. The area was then graded, material placed on scow and transferred to the West Thirty-second Street Section, and deposited in rear of the bulkhead wall. The area, 758 square yards, was paved with Belgian blocks by Mr. George F. Doak, under Treasurer's Order No. 12057.

#### Building Silt Basin near Pier new 42, N.R.

December 17, 1886, to April 8, 1887.—The granite paving blocks were taken up and cleaned by Department labor. The ground was excavated to the brick sewer, a silt basin delivered by Jordan L. Mott Iron Works, under Treasurer's Order No. 12111, was put in place, and a 6-inch drain-pie connection was then made between the silt basin and the sewer by Mr. Thomas C. Town-send, under Treasurer's Order No. 12112. The earth filling was then replaced and rammed to grade by Department labor. The removed pavement was replaced by Mr. George F. Doak, under Treasurer's Order No. 12113. The coal-tar and grvel were filled in the joints by Department labor. Building Silt Building Si

#### Building Silt Basin near Pier, new 43, N.R.

Under Secretary's Order No. 6042.

December 11, 1886, to Apri 11, 1887.—The granite paying blocks were taken up and cleaned and the ground excavated to the brick sewer by Department labor. A silt basin, delivered on the work by Jordan L. Mott Iron Works, under Treasurer's Order No. 12111, was put in place, and a 6-inch drain-pipe connection was then made between the silt basin and the sewer by Mr. Thomas C. Townsend, under Treasurer's Order No. 12112. The earth was then replaced and rammed to grade by Department labor. The removed pavement was te-placed by Mr. George F. Doak, under Treasurer's Order No. 12113. The coal-tar and gravel were filled in the joints by Department labor.

#### New Made Land opposite Christopher Street Ferry, N. R.

WAITING PLACES.

Under Secretary's Order No. 5861. October 18 to November 20, 1886.—Three new waiting places were built and placed, using 1,682 feet, B. M., of 12" x 12" yellow pine.

Under Secretary's Order No. 6089. December 13 to January 26, 1886.—Two new waiting places were built and placed, using 696 feet, B. M., of 12" x 12" yellow pine, and 178 feet, B. M., of 4-inch yellow pine.

WEST TWENTY-THIRD STREET SECTION-SOUTH END

Under Resolution of the Board November 5, 1880.

Temporary Roadway to Pier, new 54, N. R. September 16 and 17, 1886.—Hole in the plank roadway was repaired.

Bulkhead between Piers, new 54 and 55, N. R.

December 22 to 31, 1886. – Mounds of earth were leveled off, a trench was dug and a wooden box placed in same to drain off the water from the bulkhead.

Temporary Roadway to Fier, new 55, N. R. May 15, June 11 and 12, July 28 and August 30, 1886.—The plank roadway was repaired. October 9 and 25, and November 1, 1880.—Holes in the plank roadway were repaired. November 17 to 24, 1886.—The temporary roadway leading to the pier was sheathed with 12,896 feet, B. M., of 4-inch spruce plank.

WORK.

Dredging... Cobbles....

Rip-rap.... Piles driven Binding fran Piles cut... Longitudina

Longitudinal caps Cross caps..... Deck ng..... Base-blocks...... " A B" course gr

course granite...

Completed wall..... Equivalent length of completed wall.....

......

Temporary Roadway to Pier, new 56, N. R. No. 5507.—A hole in the roadway was repaired. Begun and finished July 1, 1886. No. 5522.—The backing logs were refastened. Begun and finished July 7, 1886. November 24 to 28, 1886.—Patched sheathing on temporary roadway leading to the pier with ad-hand material.

West Twenty-seventh Street Office. December 20 to 25, 1886.—Section Office was removed from Pier, new 57, North river, to Pier, new 60, North river, foot of West Thirtieth street. Recapitulation of Work done and to be done on Bulkhead Wall at West Twenty-third Street Section, South End.

WORK TO BE COMPLETED

Stopped by njunction

Feet, 268.2 438.2 448.2 271.2 278.2 406.8 440.96 440.96 450.67 456.27 316.

Inju

Total.

Feet. 268.2 438.2 271.2 281.2 278.2 405.8 405.8 405.8 440.96 359.96 442.96 442.96 553.43 704.73 373.2

Not Enjoined.

Feet

248.46 248.46

Given in Linear Feet of Wall

Сомренте 1886-7.

-----

TO DATE.

Feet

970. 800.

790. 968. 958. 960. 831.4 831.4 797.27 878.24 795.24 795.24 787.53

205.19 533-42 915.

#### THE CITY RECORD

WEST TWENTY-THIRD STREET SECTION, NORTH END. Under Resolutions of the Board, June 28, 1882.

#### Bulkhead Wall Proper.

May 27, 28 and 29, 1886.—Bulkhead wall was examined by the divers to ascertain if the base course of granite had a proper bearing on the concrete blocks.

#### Temporary Roadway Leading to Pier, new 59.

No. 6451.—A hole in deck of approach was repaired with 425 feet, B. M., of new 3-inch ce. Begun and finished April 29, 1887. spruce.

#### Temporary Roadway Leading to Pier, new 60, N. R.

October 6, 1886, March 19 to 22, 1887. — A hole in the plank roadway was repaired, raised, leveled up and repaired the roadway.

#### Temporary Sewer Box.

November 18, 1886, to February 13, 1887.—A wooden sewer-box 450 feet in length (3 feet by 6 feet, inside section), extending from the foot of West Thirtieth street to the sewer opening in the new bulkhead wall was built, and the filling removed for said sewer-box was replaced around it.

Recapitulation of Work Done and to be Done on the Bulkhead Wall, West Twenty-third Street Section, North End.

#### In Linear Feet of Wall.

|                     |                        | COMPLETED WORK. W |                   |              | RK TO BE COMPLETED.       |        |   |
|---------------------|------------------------|-------------------|-------------------|--------------|---------------------------|--------|---|
|                     | Work.                  | In<br>1886–7.     | Total to<br>Date. | In Progress. | Stopped by<br>Injunction. | Total. | s |
|                     |                        | Feet.             | Feet.             | Feet.        | Feet.                     | Feet.  |   |
| Dredging            |                        |                   | 615.42            |              |                           |        |   |
|                     |                        |                   | 435.00            |              | 180.42                    | 180.42 | c |
| Rip-rap             |                        |                   | 420.00            |              | 105.42                    | 195.42 | 1 |
| Piles Driven.       |                        |                   | 500.00            |              | JI5. 42                   | 115.42 |   |
| <b>Binding Fram</b> | e                      |                   | 490.00            |              | 125.42                    | 125.42 |   |
|                     |                        |                   | 480.00            |              | 135.42                    | 135.42 |   |
|                     | Caps                   |                   | 478.94            |              | 136.48                    | 136.48 | t |
|                     |                        |                   | 472.39            |              | 143.03                    | 143.03 |   |
|                     |                        |                   | 431.02            |              | 184.40                    | 184.40 | t |
| Base Blocks         |                        |                   | 471.80            |              | 143.62                    | 143.62 |   |
|                     | granite                |                   | 462.18            |              | 153.24                    | 153.24 | a |
|                     | granite                |                   | 442.12            |              | 173.30                    | 173.30 |   |
| Coping              |                        |                   |                   | 312.36       | 120.00                    | 432.36 |   |
| Wall actually       | completed              |                   | 121.53            | 312.36       | 181.53                    | 493.89 |   |
| Equivalent ler      | ngth of completed wall |                   | 492.              | 6.           | 117.42                    | 123.42 | W |

WEST THIRTY-FIRST STREET SECTION.

#### Under Resolution of the Board, August 8 and September 19, 1883.

Bulkhead Wall Proper.

#### STONE FILLING.

May 5, 1886.-75 cubic yards of rip-rap stone were delivered and placed in front of the bulk-head wall north of Pier, new 60, North river, which completed all the stone filling required for the bulkhead wall of this section. Total to date, 9,457 cubic yards.

#### PILING AND WOODWORK.

Decking.

May 12 to 15th, 1886.-210 square feet of 4-inch deck plank were placed on the caps on a length of wall 17.5 feet south of the north line of the West Thirty-first Street Section, which completes the decking required for this section.

#### MASONRY.

#### Granite.

May 12 to July 16, 1886-73 pieces of granite were set and backed with 200 batches of concrete, which completes the granite for this section (except coping).

#### EXAMINATION OF BULKHEAD WALL.

May 25, 26, 27 and 28, 1886.—The bulkhead wall was examined by the divers to ascertain if the base course of granite had a proper bearing on the concrete blocks.

#### POINTING GRANITE.

August 2 to 26, 1886 .- The joints in granite north of Pier, new 60, North river, were pointed.

#### EARTH FILLING.

May 1, 1886, to May 1, 1887.--5,050 loads of earth filling were received, on tickets, and placed in rear of the bulkhead wall, making a total to date, 20,731 loads on tickets, and 1,364 free loads. TEMPORARY BACKING LOGS.

June 10, 11 and 15, 1886.—Temporary backing logs were removed from the bulkhead wall north of Pier, new 60, North river, to make way to set the additional 1'-10" course of granite.

#### Recapitulation of Work Done and to be Done on the West Thirty-first Street Section. In Linear Feet of Wall.

#### COMPLETED WORK. WORK TO BI COMPLETED. WORK. In 1866-7. Total to Date Dredging. Cobbles. Rip-rap... Piles driven. Binding frames. Piles cut. Longitudinal caps. Crose c ps. Decklig ... Bave blocks. \* A B<sup>\*\*</sup> course gramite. Feet. Feet. 257. 54.5 17.5 ..... 3.86 5.10 8.80 se granite. course granite. 12.77 257.5 197.5 Coping ..... Equivalent length of completed wall except the coping..... 5.10 257.5

#### WEST THIRTY-SECOND STREET SECTION.

Resolution of the Board October 22, 1885. Bulkhead Wall Proper.

#### DREDGING.

November 1 to 13, 1886.-14,526 cubic yards of mud were excavated and removed from site of proposed bulkhead by the Union Dredging Company, under Treasurer's Orders Nos. 12009

the proposed bulkhead by the Union Dredging Company, under Treasurer's Orders Nos. 12009 and 12077. March 10 to 23, 1887.—10,641 cubic yards of mud were excavated and removed from site of the proposed bulkhead wall by the Union Dredging Company, under Treasurer's Orders Nos. 12077 and 12194, making a total to date of 35,971 cubic yards.

#### STONE FILLING.

May 3 to June 22, 1886.—599 cubic yards of cobble stone, and 1,631 cubic yards of rip-rap stone were delivered and placed on wall foundation by Messrs. Brown & Fleming. May 6, 1886.—A dry-rubble wall of rip-rap stone was put up at the south end of the section to retain the cobble stone in place.

June 3 to 8, 1886.—A bulkhead of 3-inch spruce plank was put up by the diver at the north end of the concrete blocks (as far as they had been set) from the slope of the cobble up to about ow-water mark.

ow water mark. November 3t December 22, 1886. -2, 522 cubic yards of cobble stone were delivered by Messrs. Brown & Fleming, of which 1,823 cubic yards were deposited on wall foundation and 702 cubic yards were discharged on the bulkhead wall north of Pier, new 60, North river, for use during the cold weather, and 2,072 cubic yards of rip-rap stone were delivered and placed on wall foundation by Messrs. Brown & Fleming. March 1 to 1 May 1, 1887. -2,513 cubic yards of cobble stone, and 3,520 cubic yards of rip-rap stone were delivered and deposited on wall foundation by Messrs. Brown & Fleming. March 1 to April 21, 1887. -702 cubic yards of cobble stone, previously stored on the bulk-head wall north of Pier, new 60, North river, were transferred and deposited on wall foundation by Department labor, over area on which the concrete blocks were to be placed, also between the caps.

caps Total stone filling deposited to date, 7,940 cubic yards of cobble stone, and 10,125 cubic yards

Total stone mining deposite to the providence of the stone of the stone of the stone. March 9 to 11, 1887.—The mud was washed out over the slope at north end of section, prior to putting the filling, with a water jet thrown by a pump on Pile Driver No. 5, assisted by divers. PILING AND WOODWORK.

## Vertical Piling.

December 22, 1886, to May 1, 1887.—Sights were put by which to drive piles; 362 vertical piles were driven, regulated and stay-lathed. To date, 622 vertical piles, and 100 bearing piles—6 of which were extra piles driven for base block. One pile broke in driving.

#### Bracing Piling January 24 to May 1, 1887.-61 bracing piles were driven and regulated.

Binding Frames. February 14 to April 15, 1887.-4 binding frames were made, and with the aid of divers were sunk and keyed to place, making a total of 7 frames now in place.

## Sawing Off Piles.

March 4 and 5, 1887.-71 foundation piles for the concrete blocks were sawed off by the saw cutting machine, and the high grade piles to receive the capping were cut off by hand. Capping.

May 18 to 28, 1886.—Ends of caps were saved off where projecting in the way of the granite to be set; also chock pieces were made and placed underneath ends of caps. March 28 to April 13, 1887.—The bracing piles were saved off by hand, and were prepared to receive the longitudinal caps. 216 lineal feet (to date 412 lineal feet) of longitudinal capping, and 24 (to date 47) transverse caps were placed.

Decking. May 5 to June 18, 1886.—2,773 square feet of 4-inch planking was placed on the caps rear of wall. Receiving Lumber.

November 26 to December 1, 1886.—Lumber for use on this section was received from Messrs. Bell Bros., under Treasurer's Order No. 12031. Mooring Piles.

December 23, 1886 ; January 12 and 21, March 26 and April 4, 1887.—17 piles were driven to r floating property, 12 of which were new and five old piles.

Inspecting Piles. December 15 to 21, 1886; February 15 and 18; March 15, 17 and 28, 1887.—The piles deliv-on the work by Mr. George Karr, under Treasurer's Order No. 12037 were inspected. October 8 and 9, 1886.—Piles that had got adrift were properly secured.

#### Locating Foundation Piles.

March 4 to 10, 1887.—The foundation piles on which the concrete blocks were to be placed were located by the divers by means of wire screens.

Timber Basin

April 13 to 16, 1887.—12 old piles were driven south of the approach leading to Pier, new 60, North river, to form a basin to keep timber in. Old piles timber and pile butts were transferred from the north side of the approach to Pier, new 60, to the basin, to make way for earth filling be-ing put in by Mr. Robert Ray Hamilton, attorney, under Secretary's Order No. 6215.

#### MASONRY. Granite.

May 17 to July 29, 1886 .- 59 pieces of granite were set and backed with 1801/2 batches of concrete

Pointing Granite. August 26 to September 1, 1886 .- The joints in granite were pointed.

#### Concrete Blocks.

Concrete Blocks. March 31 to April 4, 1887.—Cement, sand and broken stone were loaded on scow at West Fifty-seventh Street Vard, and six concrete foundation blocks were loaded by the derrick "City of New York" on scows for use at this section. April 4 to 7, 1887.—Prepared mattresses for setting the concrete foundation blocks on, and six were placed by the derrick "City of New York," assisted by divers.

#### Chain Holes.

Chain Holes. April 7, 1887.—The chain holes between the concrete foundation blocks were filled with con-crete in bags.

Removing Old Work.

Removing Old Work. October 18 to November 1, 1886. -33 old oak, and 133 white pine piles were pulled up; old sheathing, deck and square timbers were removed from outer end of old pier foot of West Thirty-second street, to make way for driving piles, etc., for the new bulkhead wall work at this section; las 6 old oak piles were driven to protect the northwest corner of the old pier left standing. November I to 21, 1886. -191 old white pine piles were pulled up; old sheathing, deck and Square timbers were removed from the outer end of old pier, between West Thirty-second and West Thirty-third streets, to make way for driving piles, etc., for the new bulkhead wall work at this section.

Recapitulation of Work Done and to be Done on the Bulkhead Wall, West Thirty-seco Street Section.

In Linear Feet of Wall.

| WORK.                                  | COMPLET    | WORK TO BE      |            |
|--|------------|-----------------|------------|
|  | In 1886-7. | Total to Date.  | COMPLETED. |
| Dredging                               | Feet.      | Feet.<br>200.00 | Feet.      |
| Cobbles                                | 170.00     | 254.00          | 201.00     |
| Rip-rap                                | 180.00     | 240.00          | 275.00     |
| Piles driven                           | 134.30     | 220, 30         | 285.70     |
| Binding frame                          | 155.30     | 230. 30         | 284.70     |
| Piles cut                              | 72.20      | 144.20          | 370.71     |
| ongitudinal caps                       | 72.20      | 144.20          | 370.71     |
| cross caps,                            | 72.29      | 144.29          | 370.71     |
| Decking                                | 118.18     | 118.18          | 396.82     |
| Base blocks                            | 72.79      | 142.29          | 372.71     |
| 'A B'' course of granite               | 68.24      | 68.24           | 446.76     |
| °C" " " "                              | 63.45      | 63.45           | 451.55     |
| ·D ··································· | 59.87      | 59.87           | 455. 13    |
| E                                      | 9.30       | 9.30            | 505.70     |
| F " extra course of granite            | 9.30       | 9.30            |            |
| Coping                                 |            |                 | 515.00     |
| Wall actually completed                |            |                 |            |
| Equivalent length of completed wall    | 110.40     | 159.40          | 355.60     |

Pier. New 61. N. R. Under Resolution of the Board, March 16, 1887.

DREDGING.

April 21 to May 1, 1887.—16,837 cubic yards of mud were excavated and removed by the Union Dredging Company, under Treasurer's Orders Nos. 12231 and 12232.

#### THE CITY RECORD

115.5

Pier at Fortieth Street, N. R.

Under Resolution of the Board, October 6, 1886. Work of building a new pier and approach, under Contract No. 231, was begun November 17, 1886, and is in progress

3388

and er

EAST RIVER.

Fier 37, E. R. Under Secretary's Order No. 5879.

October 21, 1886.-Examination was made for a new pier on the site of Pier 37, E. R.

Pier 41, E. R.

Under Secretary's Order No. 5880. October 21 and 22, 1886.-Examination was made for a new pier on the site of Pier 41, E. R.

Pier, new 32, E. R. Under Resolution of the Board, December 1, 1886.

December 2, 1886. —The outer end of Pier, old 41, was removed. The work of constructing a new pier, to be known as Pier, new 32, East river, on the site of , old 41, under Contract No. 241, was begun March 15, 1887, and is in progress. Pier.

WORK OF CONSTRUCTION NOT UNDER NEW PLAN.

NORTH RIVER.

West Seventy-seventh Street to West Seventy-ninth Street, N. R.

CRIB BULKHEAD.

Under Secretary's Order No. 6073.

December 20 to December 24, 1886.—Test piles were driven preparatory to preparing plans and specifications for a new crib bulkhead. April 15, 1887.—William P. Kelly, contractor, began the construction of a new crib bulkhead under Contract No. 243. The work is in progress.

West Seventy-eighth to West Eightieth Street, N.R.

CRIB BULKHEAD.

Under Secretary's Order No. 5920.

November 17 to November 30, 1886 .- Dirt and rubbish were removed and the surface of the bulkhead leveled off.

West One Hundred and Fifty-eighth Street. NEW PIER

Under Secretary's Order No. 5872.

October 23 to October 26, 1886.—Test piles were driven in the course of an examination as to the practicability of building a new per.

Under Secretary's Order No. 6200.

February 23 to March 8, 1887.—Eighteen test piles were driven preparatory to preparing plans specifications for a new pier.

EAST RIVER.

East Seventy-sixth Street.

NEW PIER.

Under Secretary's Order No. 6248. March 25 to 26, 1887.—Six test piles were driven preparatory to preparing plans and specifica-ons for a new pier. cations fo

East Eightieth Street.

DUMPING BOARD. Under Secretary's Order No. 6251.

March 22 to March 25, 1887.-Eight test piles were driven with a view to building a new dumping board.

New Wharfage Room, in Lineal Feet, made during the Year ending April 30, 1887. WORK UNDER THE "NEW PLAN."

5.1

## Total wall line.....=

#### DEPARTMENT VARDS.

West Fifty-seventh Street Yard, N. R.

Under Resolution of the Board, November 21, 1883.

June 7 to June 8, 1886.—On the southerly side of the pier a new fender-pile was driven, and the old fender-piles were chocked, and the deck sheathing was patched with 1,303 feet, B. M., 4-inch

sprace. January 10 to January 19, 1887.—A platform was built adjoining the pier on the southerly side and inner end; 20 piles were driven and 8 cross-caps were put on and chocked up; 6,720 feet, B. M., of  $12^{\circ} \times 12^{\circ}$  second-hand timber being used. January 15 to January 20, 1887.—A piece of old side cap was removed and replaced with new; two lender-piles were refastened, and the vertical sheathing at the outer end of the pier was re-paired.

#### WORK DONE AT THE YARD.

WORK DONE AT THE YARD.
 May 1, 1886, to April 30, 1887.—Iron work was made and repaired by the blacksmith for work on Construction, General Repairs, West Fifty-seventh Street Yard, Floating Property, East Seven teenth Street Yard, and for the Surveying Party. 1,719 barrels of Portland cement were received and stored for Department use, and samples tested.
 April 4 to 30, 1887.—Concrete moulds and cores were set up and taken down as required to make the concrete foundation blocks. S concrete foundation blocks were made, containing 264.24 cubic yards of concrete.
 May 12, 1886, to April 11, 1887.—Tesits were made of sample barrels of the following-named brands of Portland cement, and the results reported and recorded :
 Under Secretary's Order No. 5354, "Corown "brand.
 Under Secretary's Order No. 5455, "Grown "brand.
 Under Secretary's Order No. 5749, "J. Burham "brand.
 Under Secretary's Order No. 5749, "J. Parham" brand.
 Under Secretary's Order No. 5749, "Fire-Proof B. Co." brand.
 Under Secretary's Order No. 5354, "Fire-Proof B. Co." brand.
 Under Secretary's Order No. 5749, "I. W. Benney "brand.
 Under Secretary's Order No. 5354, "Fire-Proof B. Co." brand.
 Under Secretary's Order No. 5354, "Stree Yroof B. Co." brand.
 Under Secretary's Order No. 639, "Croschowitz " brand.
 Under Secretary's Order No. 633, "Stettiner " brand.
 Under Secretary's Order No. 634, "Stettiner " brand.
 Under Secretary's Order No. 633, "Estettiner " brand.
 Under Secretary's Order No. 634, "Stettiner " brand.
 Under Secretary's Order No. 634, "Stettiner " brand.

#### East Seventeenth Street Vard. E. R. WORK DONE AT THE YARD.

 15, 1886.
 Secretary's Order No. 6208.—The old deck of the approach was taken up for examination of repairs required, and the deck was repaired with 720 feet, B. M., of new 3-inch spruce plank. Be-gun February 26 and finished March 2, 1887.
 Secretary's Order No. 6322.—40 ack piles were fastened; 7 old piles were pulled, and 1 driven; 3 secretary's Order No. 6323.—40 ack piles were fastened; 7 old piles were pulled, and 1 driven; 13 new spruce spring piles and 1 new oak spring pile were driven and fastened; 16 chocks were put on with second-hand material; a mooring post was reset; a backing log was repaired; the foot path on the approach was patched with second-hand material, and the deck of the pier was sheathed with 15,999 feet, B. M., of new 4-inch spruce plank. Begun March 10 and finished April 20, 1887. May 7 and 8, 1886.-Guys of yard derrick and rapid transit engine were repaired and strengthened. May 10, 1886.—Granite was transferred to scow "C" for use at sections north of West Twenty-

May 10, 100.—Orante was manufactured by 12-inch spike were transferred to the West Fifty-May 20, 1886.—3,054 pounds of ¾-inch by 12-inch spike were transferred to the West Fifty-seventh Street Vard. June 5, 1886.—Unused granite from sections north of West Twenty-third street was received and stored for future use. June 5 and 6.—Granite was transferred to scow "C" for use of sections north of West Twenty-third street. June 5 and 6.—Granite was transience to feat. third street. July 17, 1886.—Screw bolts and cast-iron washers were delivered to General Repairs. Secretary's Order No. 6154.—Scupper holes under backing logs from Canal to West Tenth street, North river, were cleaned out. Begun January 20 and finished January 20, 1887.

July 2, 1886.—Screw bolts and cast-iron washers were delivered to sections south of West Twenty-third street. November 6, 1886.—The old only pilor that any file to be a section of the se

July 2, 1880.—Stew bolts and custom name in the form outer and of old pier removed to the November 6, 1886.—The old oak piles that came from outer and of old pier removed to the foot of West Thirty-second street were received at the yard. December 18, 1886, to March 12, 1887.—Under Secretary's Order No. 6090. 4 holes were excavated to receive 4 pieces of granite, which were prepared as anchorage for the derrick guys in the next. the yard.

the yard. December 18 to 29, 1886.—Samples of granite were prepared for testing, under Treasurer's Order No. 12139. March 12 to 14, 1887.—Received granite under Contract No. 230 from Messrs. Nolan & Son. April 21 to 25, 1887.—Received granite under Contract No. 230 from Messrs. Nolan & Son.

STATEMENT OF GENERAL REPAIRS FOR THE YEAR ENDING APRIL 30, 1887.

NORTH RIVER. Pier " A," N. R.

Engineer's Order. — The deck of the pier was cleared up, old material being transferred to the East Seventeenth Street Yard. Begun and finished October 26, 1886. Secretary's Order No. 6222.—3 new white oak spring piles were driven ; fender piles were rechocked and refastened, and wearing pieces were put on ; 320 feet, B. M., of new 6"x10" white oak, and 330 feet, B. M., of 10"x10" yellow pine being used. Begun April 26, 1887; in progress. Secretary's Order No. 6046.—The chafing pieces attached to spring piles on north side of per were repaired with 140 feet, B. M., 6"x10" white oak. Begun and finished April 28, 1887.

Bulkhead between Pier " A." and Pier I, N. R. Engineer's Order.—A small building on the bulkhead, between Pier "A" and Pier 1, North r, was removed to Pier "A." North river. Begun and finished August 0, 1886. river.

Bulkhead south of Pier, new 1, N. R.

Secretary's Order No. 6096. --Guard timbers were placed around hydrant ; 384 feet, B. M., of 12"x12" yellow pine timber being used. Begun and finished December 10, 1886.

#### Pier, old 23 (south half), N. R.

Fier, old 23 (south half), N. R. Secretary's Order No. 5420.—Five oak fender piles were refastened on southwest corner of pier. Begun June 1 and finished June 2, 1386. Secretary's Order No. 5580.—Five old oak pile stumps were pulled; 5 new oak spring piles, 1 second-hand oak spring pile and 4 old spring piles were driven; 6 old spruce stumps were pulled, a chock was put on, vertical sheathing was patched with second-hand plank, oak piles were fastened with 100 pounds of chain, 1 second-hand bearing pile was driven, old deck relaid on extension, backing-log was put on, and deck patched with 1,020 feet, B. M., of 4-inch spruce plank. Begun July 26 and finished August 4, 1880. Secretary's Order No. 5523.—The sheathing was patched with 2,500 feet, B. M., of 3-inch spruce plank, and 1,200 feet, B. M., of old sheathing was relaid. Begun July 9 and finished July 10, 1886.

Pier, old 33 (south half) N. R.

Secretary's Order No. 5647.—The deck was patched with second-hand plank. Begun and finished August 16, 1886. Secretary's Order No. 5719.—Holes in deck were patched with 135 feet, B. M., of second-hand plank. Begun and finished September 4, 1886. Secretary's Order No. 5882.—The sheathing was patched with 1,190 feet, B. M., of 3-inch spruce, and 225 feet, B. M., of second-hand plank. Begun October 13 and finished October 14, 1886.

1886. Secretary's Order No. 6029—The sheathing was patched at entrance with 1,995 feet, B. M., of new 3-inch spruce plank. Begun November 22 and finished November 24, 1886. Engineer's Order.—Posts were fastened and stanchions were repaired. Begun and finished March 23, 1887. Secretary's Order No. 6352.—The sheathing on deck was repaired with 27,980 feet, B. M., of new 8-inch spruce. Begun April 12 and finished April 20, 1887.

#### Pier, old 34 (north half) N. R.

Secretary's Order No. 5558.—The deck was parched with 265 feet, B. M., of 3-inch spruce, and 286 feet, B. M., of hewn yellow pine was laid for backing-log. Begun and finished July 24, 1886.

and 286 feet, B. M., of hewn yellow pine was laid for backing-log. Begun and finished July 24, 1886. Secretary's Order No. 5759.—The sheathing was patched with 1,530 feet, B. M., of 3-inch spruce plank. Begun September 13 and finished September 14, 1886. Secretary's Order No. 5635.—The sheathing was patched with 1,511 feet, B. M., of new 3-inch spruce plank. Begun December 31, 1886, and finished January 8, 1887. Secretary's Order No. 6030.—The sheathing was patched with 1,511 feet, B. M., of new 3-inch spruce plank. Begun December 31, 1886, and finished January 8, 1887. Secretary's Order No. 6030.—The sheathing was patched with 1,511 feet, B. M., of new 3-inch spruce plank. Begun December 31, 1886, and finished January 8, 1887. Secretary's Order No. 6030.—The sheathing was repaired with 1,500 feet, B. M., of new 3-inch spruce. Begun December 28, 1886, and finished January 8, 1887. Secretary's Order No. 6030.—The sheathing was repaired with 1,000 feet, B. M., of new 3-inch spruce. Begun December 28, 1886, and finished January 8, 1887. Secretary's Order No. 6030.—The sheathing was repaired with 1,000 feet, B. M., of new 3-inch spruce. Begun December 28, 1886, and finished January 11, 1887. Secretary's Order No. 6403.—Stringers were put on, using 1,072 feet, B. M., of 12" x 12" hewn yellow pine ; spring piles were fastened with 1000 pounds of chain ; hacking-pieces and verti-cal fenders were put in, and new sheathing on deck was laid with 2,905 feet, B. M., of new 3-inch spruce, and 2,530 feet, B. M., of second-hand plank. Begun April 21 and finished April 26, 1887.

#### Bulkhead between Piers, old 35 and 36, N.R.

Secretary's Order No. 5313 .- The pavement was repaired. Begun May 3 and finished May 6, 1886

1886.
1886.
1886.
Secretary's Order No. 5346.—The pavement was reparted. Begun and y 3 and missined May 6, 1886.
Secretary's Order No. 5346.—The sheathing was patched with 540 feet, B. M., of new 3-inch spruce. Begun and finished May 10, 1886.
Secretary's Order No. 5528.—The gangway was repaired with 423 feet, B. M., of hewn yellow pine, and holes in bulkhead were patched with 560 feet, B. M., of new 3-inch spruce plank, and 108 feet, B. M., of second-hand plank. Begun July 8 and finished July 10, 1886.
Secretary's Order No. 5509.—The sheathing on the platform was patched with 276 feet, B. M., of second-hand plank. Begun and finished August 10, 1886.
Secretary's Order No. 6072.—Holes in the platform were patched with 570 feet, B. M., of second-hand finished December 3, 1886.
Secretary's Order No. 5009.—The deck of the bulkhead was sheathed with 5,583 feet, B. M., of second-hand 3-inch, and 7,832 feet, B. M., second-hand 4-inch plank; 2 old stumps were pulled and 2 new iender plates driven and fastened with chain ; backing pieces were repaired with 300 feet, B. M., of second-hand 4-inch plank, and repairs were made to pavement, consisting of filling in with earth and stone and repairing. Begun December 4, 1886, and finished April 5, 1887.

Pier, old 42, N. R.
Secretary's Order No. 5274.—Four stumps of piles were pulled; spring piles were refastened with chain; new facing timbers were put in with 572 feet, B. M., of hewn yellow pine; 12 new spruce fender piles were driven and fastened; new backing piece was put in with 696 feet, B. M., of yellow pine; deck and sheathing were patched with 4,020 feet, B. M., of new 3,inch spruce and with second-hand plank; 6 oak spring piles were driven and fastened, and 1 old fender pile pulled and reset. Begun May 11 and finished May 18, 1886.
Secretary's Order No. 539.—4 spring piles were pulled; 3 spring piles chained 1 do feet of second-hand timber put in for rangers; gangway planked with 340 feet, B. M., of new 4,inch spruce, and with second-hand plank and backing pieces were refastened. Begun May 26 and finished May 28, 1886.
Secretary's Order No. 551.—The spring piles on the south side of the pier were refastened.
Begun and finished August 20, 1886.
Secretary's Order No. 553.—The deck and sheathing were patched with 2,040 feet, B. M., of 4, inch, and 3,015 feet, B. M., of 3, inch spruce plank. Begun Explement 4, and finished September 15, 1886.
Secretary's Order No. 6208.—The old deck of the approach was taken up for comparison.

Canal to West Tenth Street, N. R.

#### THE CITY RECORD

#### Spring to West Tenth Street, N. R.

Secretary's Order No. 5432.—Silt basins on the new made land between Spring and West Tenth streets were cleaned out. Begun June 7 and finished June 14, 1886. Resolution of Board, June 2d, 1886.—Silt basins on the new made land between Spring and West Tenth streets were cleaned out. Begun June 25 and finished July 2, 1886; also begun January 7 and finished January 18, 1887.

#### New Made Land near Pier, new 35, N. R.

Secretary's Order No. 6057.—The granite paving blocks were taken up around silt basin and silt basin was lowered about 8 inches, and a gutter made to lowest part of the depression in pave-ment at this point to drain off the water. The removed pavement was then replaced and joints filled with coal-tar and gravel. Begun April 11 and finished April 17, 1887.

## New Made Land near Pier, new 36, N. R.

Secretary's Order No. 6126.—Silt basin on the new made land in front of the pier was cleaned Begun and finished January 4, 1887. out

#### Bulkhead between Piers, new 35 and 36, N. R.

Secretary's Order No. 6163.-1 second-hand wooden cleat was put on and fastened. Begun and finished January 26, 1887.

#### Bulkhead between Piers, new 37 and 38, N. R.

Secretary's Order No. 5713.—The backing logs were patched with 196 feet, B. M., of 4-inch yellow pine. Begun and finished Septemper 8, 1886. Secretary's Order No. 6141.—I second-hand iron cleat was put on and fastened. Begun and finished January 15, 1887.

#### Bulkhead between Piers, new 38 and 39, N. R.

Secretary's Order No. 5713—The backing log was patched with 316 feet, B. M., of 4-inch w pine. Begun September 4 and finished September 7, 1886. vellow pine.

#### Pier, new 40, N. R.

Secretary's Order No. 5267.—The sewer box underneath the pier on its westerly side for a distance of 40 feet by 2 feet in width, just east of the column system, was repaired with 3-inch yellow pine. Begun May 6 and finished May 14, 1886.

#### New Made Land near Pier, new 40, N.R.

Secretary's Order No. 6210. - 2 pieces of granite were prepared at the East Seventeenth S Yard, and were placed to repair cross-walk leading to the pier, with joints properly filled coal-tar and gravel. Begun February 27 and finished April 20, 1887. nts properly filled with

#### Bulkhead between Piers, new 40 and 41, N. R.

Secretary's Order No. 5703.—An iron cleat was put on and backing log repaired with 312 feet, B. M., of 12" x 12" yellow pine. Begun September 4 and finished September 7, 1886.

#### Bulkhead south of Pier, new 42, N.R.

Secretary's Order No. 6182.—Scupper holes were bored and enlarged in backing log to drain water from bulkhead. Begun and finished February 14, 1887.

#### Bulkhead between Piers, new 42 and 43, N.R.

Secretary's Order No. 5418.—An iron cleat was put on bulkhead. Begun and finished June 3, 1886. 5, 1000. Secretary's Order No. 5511.—An iron cleat was put on bulkhead. Begun and finished July 2, 1886.

#### Pier, new 43, N. R.

1886.
Piers, new 43, N.R.
Secretary's Order No. 5086.—The work pipe upon the pier was repaired by Mr. Thomas C. or and finished May 6, 1886.
Secretary's Order No. 5486.—The roof of shed upon the pier was repaired by Mr. Standard. A. Stardar, under Treasurer's Order No. 11780, and boxed by Department labor. Begun February of and finished May 6, 1886.
Secretary's Order No. 5436.—The soof of shed upon the pier was repaired by Mr. Standard. No. 5410.—Thom gate was repaired. Begun June 1 and finished July 6, 1886.
Secretary's Order No. 5436.—The soof of shed upon the pier was repaired by Mr. Standard. No. 5410.—Thom gate was repaired. Begun June 1 and finished July 6, 1886.
Secretary's Order No. 5436.—The sole was repaired and with 135 feet, B.M., of new 3-inch struce. Begun and finished July 1, 1886.
Secretary's Order No. 5436.—The sole at was placed on south side of pier and chock put on. Secretary's Order No. 5531.—A portion of the parement at the entrance to pier was taken up and cleaned. The filling under the parement was then excavated to about low water; the old piles that had been left standing in the work, and that caused the uneven settlement of the parement, were cut off, and the earth filling was replaced and reammed to grade. The grainte block were pileaded by Mr. George F. Doak, under Treasurer's Order No. 12043. The coal-tar and gravel were then filled in the joints by Department labor. Begun October 13 and finished November 24, 1886.
Secretary's Order No. 6961.—5 spring piles were pulled and redriven 21 new oaks pring piles were pulled and redriven 21 new oak spring piles were pulled and redriven 21 new oak spring piles were fuel with nin ; chocks were put on and fanders were repaired, which nin ; chocks were put on and fanders were repaired, which nin ; chocks were put on and fanders were repaired, which nin ; chocks were put on and fanders were repaired, which nin ; chocks were put on and fandered were repaired, be may chocks be the piles w

17, 1887.

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Pier, new 46, N.R.
Secretary's Order No. 5275.—2 sliding doors at the pier were raised and replaced, also the wheels which carry the doors were refastened. Begun May 15 and finished May 18, 1886.
Secretary's Order No. 5497.—10 oak spring piles were driven, chocked and fastened, 200 pounds of chain being used; 2 oak spring piles were pulled, spliced and redriven, inew chocks were put on and fastened with 797 feet, B.M., of new hewn yellow pine; 2 new oak fenders were put on, and leader was repaired. Begun June 28 and finished July 30, 1886.
Secretary's Order No. 5050.—2 spring piles were pulled and 2 reset. Begun November 24 and finished November 26, 1886.
Secretary's Order No. 6047.—Repairs were made to doors of shed. Begun November 27, 1886.
Secretary's Order No. 6047.—Repairs were made to doors of shed. Begun November 2 and finished November 2, 1886.
Engineer's Order. Examination of pier by divers. Begun November 16 and finished December 26, 1866.
Secretary's Order No. 6110.—Water-pipe was boxed with 540 feet. B. M. down

ber 14, 1886.
Secretary's Order No. 6110.—Water-pipe was boxed with 540 feet, B. M., of new 3-inch spruce.
Begun December 27 and finished December 28, 1886.
Secretary's Order No. 6111.—Loose spring piles on outer north corner of pier were fastened.
Begun and finished December 27, 1886.
Secretary's Order No. 506.—The sheathing was patched with 1,530 feet, B. M., of new 3-inch spruce.
Begun December 27 and finished December 28, 1886.
Secretary's Order No. 506.—A hanging door was repaired and loose spring piles were fastened.
Begun February 24 and finished February 25, 1887.

Secretary's Order No. 6245.—20 new bearing piles and one second-hand pile were driven; 11 half-round oak fenders were put on ; piles were pulled under side cap and fastened, and chocks put on, 390 feet, B. M., of second-hand material being used. Begun March 16 and finished March 22, 1887.

cretary's Order No. 6257.—Repairs were made to shed. Begun March 23, 1887 ; in progress.

## Approach to Piers, new 46 and 47, N. R.

Secretary's Order No. 5337.—The dock was patched with 270 feet, B. M., of new 3-inch spruce, and loose plank were spiked. Begun May 4 and finished May 17, 1886. Secretary's Order No. 5375.—The deck was patched with 205 feet, B. M., of new 3-inch spruce, and 45 feet, B. M., of second-hand plank. Begun and finished May 21, 1886. Secretary's Order No. 5350.—The deck and sheathing were patched with 30,000 feet, B. M., of new 4-inch spruce, and 3,170 feet, B. M., of new 3-inch\_spruce. Begun May 26 and finished Inne 1e. 1886.

June 15, 1886

June 15, 1580. Secretary's Order No. 5556.—Old sheathing was removed for examination and replaced with second-hand plank. Begun July 23 and finished July 24, 1886.

#### Approach to Pier, new 47, N. R.

Secretary's Order No. 6386.—The sheathing was repaired with 12,000 feet, B. M., of 4-inch, and 750 feet, B. M., of new 3-inch spruce. Begun April 21 and finished April 23, 1887. of new

#### Bulkhead Platform south of Pier, old 54, N. R.

Secretary's Order No. 5714.—The deck was patched with 250 feet, B. M., of new 3-inch spruce. Begun September 7 and finished September 8, 1886. Secretary's Order No. 6255.—The cross caps were blocked up and "A" braces, fenders and girders put on and fastened ; mooring posts set. Begun March 25 and finished March 28, 1887.

Pier, old 54, N. R.
Secretary's Order No. 5391.—4 old cross caps were spliced ; 31 old bearing piles were cut off ; 85 feet of side ranger and 20 bench caps were put in ; 1 new spruce bearing pile was driven ; the sheathing was patched with 2,000 feet, B. M., of new 3-inch spruce ; the outer 160 feet of pier and and backing log was put down across pier 160 feet from outer end with second-hand material. Begun May 26 and finished June 6, 1886.
Secretary's Order No. 5324.—The deck was patched with 135 feet, B. M., of new 3-inch spruce. Begun and finished May 4, 1886.
Secretary's Order No. 5532.—The deck was patched with second-hand plank. Begun and finished August 19, 1886.
Secretary's Order.—One test pile was driven. Begun and finished September 10 and finished September 11, 1886.
Engineer's Order.—Two test piles were pulled and redriven. Begun and finished October 9, 1886.

9, 1880. Secretary's Order No.'6037.—A portion of the fence was replaced with second-hand 3-inch plank. Begun and finished November 27, 1886. P. Sandford Ross, contractor, put a new superstructure on the pier and rebuilt the bulkhead from mean low water, under Contract No. 232. Begun January 17 and finished April 30, 1887.

#### Pier at West Eleventh Street, N. R.

Pier at West Eleventh Street, N. R. Secretary's Order No. 5396.—The deck and sheathing was patched with 3,910 feet, B. M., of secretary's Order No. 5273.—The deck and sheathing was patched with 90 feet, B. M., of 3-inch spruce. Begun May 3 and finished May 21, 1886. Secretary's Order No. 533.—One second-hand mooring pile was put in on outer end, north side of pier. Begun and finished July 15, 1886. Secretary's Order No. 535.—The pavement at the entrance was repaired. Begun October 14 and finished October 18, 1886. Secretary's Order No. 593..—The sheathing on deck was patched with 3,400 feet, B. M., of new 3-inch spruce, and the backing log was fastened. Begun November 5 and finished November 8, 1886.

Pier at Bethune Street, N. R.

Secretary's Order No. 5416.—Spikes and bolts projecting from fenders were driven in. Begun and finished June 2, 1886. Secretary's Order No. 5553.—Spikes projecting from sides of pier were driven in. Begun and finished July 22, 1886. Secretary's Order No. 5754.—Half-round fenders were bolted and pile chained. Begun Sep-tember 17 and finished September 18, 1886. Secretary's Order No. 6012.—3 oak fender piles on outer north corner were fastened with chain and chocked with second-hand material. Begun and finished December 9, 1886.

Bulkhead south of West Twelfth Street, N. R.

Secretary's Order No. 6373.-A fence was put up with second-hand material. Begun and finished April 12, 1887.

## Bulkhead at Jane Street, N. R.

Secretary's Order No. 5564.—The bulkhead was repaired, 3,346 feet, B. M., of 4-inch spruce laid, and the pavement at entrance repaired. Begun August 5 and finished August 6, 1886.

Pier at Horatio Street, N. R.

Secretary's Order No. 5565.—The bulkhead was repaired ; planked the roadway of approach with 3,067 feet, B. M., of 4-inch spruce, and the pavement at entrance was repaired. Begun August 2 and finished August 5, 1886.

#### Pier north of Bogart Street, N. R.

Engineer's Order.—One old pile was pulled. Begun and finished September 27, 1886. Engineer's Order.—Two old bearing piles were pulled. Begun October 8 and finished Octo-9, 1886.

Engineer's Order. -- John Flaherty, contractor, put a new superstructure on the pier; repaired Engineer's Order. -- John Flaherty, contractor, put a new superstructure on the pier; repaired the critwork under it, and laid an approach to it, under Contract No. 237. Begun January 10 and finished March 30, 1887. *Dier worth of Bloomfield Street, N. R.* 

Secretary's Order No. 5554.—Projecting spikes on sides of pier were driven in. Begun and finished July 22, 1886. Secretary's Order No. 5755.—Half-round fenders were bolted. Begun and finished September 16, 1886.

Approach to Pier at Little West Twelfth Street, N. R.

Secretary's Order No. 5566.—The pavement at the entrance was repaired. Begun August 3 and finished August 4, 1886.

#### Pier at Little West Twelfth Street, N. R.

Secretary's Order No. 5555.—Projecting spikes on sides of pier were driven in. Begun and finished July 22, 1886. Secretary's Order No. 5635.—I fender and I chock were put on and fastened, and fender spikes and bolts driven in. Begun and finished August 13, 1886. Secretary's Order No. 5756.—Half-round fenders were bolted. Begun and finished September 17, 1886.

#### Pier at West Thirteenth Street, N. R.

Secretary's Order No. 5460.—9 spruce fender piles and 4 spruce bearing piles were driven; 2 old fender piles were reset and fastened; 2 second-hand mooring piles were driven, chocked and fastened, and the sheathing was patched with 998 feet, B. M., of new 3-inch spruce. Begun June 21 and finished June 24, 1886. Secretary's Order No. 5\$41.—The sheathing was patched with 1,020 feet, B. M., of new 3-inch spruce. Begun October 5 and finished October 6, 1886.

#### Pier at West Fifteenth Street. N. R.

Secretary's Order No. 6018.—Loose and projecting spikes on sides of pier were driven in and fenders fastened. Begun December 6 and finished December 7, 1886.

#### Pier at West Sixteenth Street, N. R.

Secretary's Order No. 6018.—Loose and projecting spikes on sides of pier were driven in ; fenders and loose fender piles were refastened, and 2 half-round oak fenders were put on. Begun December 4 and finished December 8, 1886. Secretary's Order No. 5398—Holes in deck of approach were patched with 947 feet, B. M., of new 4-inch, and 110 feet, B. M., of new 3-inch spruce. Begun and finished November 9, 1886.

#### THE CITY RECORD.

#### Pier at West Seventeenth Street, N. R.

Secretary's Order No. 5361.—1 fender pile was fastened on outer southerly corner of pier. Begun May 14 and finished May 16, 1886. Secretary's Order No. 6033.—Mooring piles were repaired and deck patched with 255 feet, B. M., of new 3-inch spruce. Begun December 2 and finished December 6, 1886.

#### Pier at West Eighteenth Street, N. R.

cretary's Order No. 5393.—The sheathing on deck was patched with 999 feet, B. M., of new spruce, and the pavement at entrance was repaired. Begun May 26 and finished May 27,

Secretary's Order No. 5421.—3 new oak fender piles were driven and fastened on outer southerly er, and 1 new oak fender pile was driven on north corner of pier. Begun June 3 and finished June 5, 1886

bettern y Souler No. 578.1—9 new oak tender pites were driven and instehed on outer soularies of the segue of

#### Approach to Pier at West Nineteenth Street. N. R.

Secretary's Order No. 5743.-Repairs were made to approach and pavement at entrance thereto, 2,000 feet, B. M., of 3-inch spruce being used. Begun September 6 and finished September 9, 1886.

#### Pier at West Nineteenth Street, N. R.

Secretary's Order No. 5908.—The sheathing was patched with 1,989 feet, B. M., of 3-inch spruce. Begun October 28 and finished October 30, 1885. Secretary's Order No. 6018.—Loose and projecting spikes on sides of pier were driven in. Begun and finished December 1, 1886. John D. Walsh, contractor, put new sheathing on the pier, under Contract No. 234. Begun December 27, 1886, and finished January 31, 1887.

#### Pier, new 57, N. R.

Secretary's Order No. 5386.—The sheathing was patched with 1,520 feet, B. M., of new 3-inch spruce. Begun June 28 and finished June 29, 1886. Secretary's Order No. 5700.—I spring pile was driven and fastened on south side of pier. Begun September 3 and finished September 4, 1886. Secretary's Order 5372.—Old gangway leading to float alongside the pier was replaced with a new one, 25 feet long by 5 feet wide, with small wheels and axle at the lower end ; also the float was buoyed up by placing 12 empty oil barrels under, and properly fastening them to it. Begun April 24 and finished June 19, 1886. Engineer's Order.—One tender pile was driven, chocked and fastened on the south side of the pier. Begun and finished June 3, 1886.

#### Pier, new 59, N. R.

Secretary's Order No. 5678.—The sheathing was patched with 171 feet, B. M., of 3-inch spruce. Begun and finished August 31, 1886. Secretary's Order No. 5830.—Holes in deck were patched with second-hand plank, and the old armature plates were removed and 4 new ones put on. Begun November 11 and finished December 4, 1886.

#### Pier, new 60, N. R.

Secretary's Order No. 5523.—The dock was patched with 90 feet, B. M., of new 3-inch spruce. Begun and finished July 7, 1886. Secretary's Order No. 5679.—The sheathing was patched with 90 feet, B. M., of 3-inch spruce. Begun and finished August 30, 1886. Secretary's Order No. 5931.—The sheathing was patched with 1,020 feet, B. M., of new 3-inch spruce, and 1,270 feet of second-hand 3-inch plank. Begun November 30 and finished December 3100.

3, 1886. Secretary's Order No. 6088.—The old armature plates were removed and broken piles pulled ; 1 bearing pile, 2 new oak and 1 second-hand pile were driven and fastened ; piles were pulled under side caps; S square fenders were made, put on and chocked ; 2 new armature plates were put on ; 384 feet, B. M., of 12" x 12" yellow pine were used. Begun December 10 and finished December 18, 1886.

1886. Secretary's Order No. 6328.—New sheathing was laid on deck with 33,498 feet, B. M., of new ch spruce, chocked with 320 feet, B. M., of 8" x 8" yellow pine. Begun April 4 and finished 3-inch spruce, o April 11, 1887.

#### Pier at West Thirty-fourth Street, N. R.

Per at West Thirty-fourth Street, N. R.
Engineer's Order. — The deck was patched on south side with second-hand plank. Begun and finished May 3: 1886.
Bernery's Order No. 5422. — The sheathing was patched with 180 feet, B. M., of new 3-inch 2000 and 1900 and 1900

#### Pier at West Thirty-fifth Street, N. R.

Secretary's Order No. 6394.—Chocks were refastened, and the deck was patched with 45 feet, B. M., of new 3-inch spruce. Begun April 16 and finished April 18, 1887.

#### Pier at West Fortieth Street, N.R.

Secretary's Order No. 5357.—The deck was patched with 225 feet, M B., of new 3-inch spruce. Begun May 12 and finished May 13, 1886. Secretary's Order No. 5381.—The sheathing was patched with 180 feet, B. M., of new 3-inch spruce. Begun and finished May 24, 1886. Secretary's Order No. 5485.—The deck was patched with 405 feet, B. M., of new 3-inch spruce and 380 feet, B. M., of second-hand plank. Begun and finished June 24, 1886. Secretary's Order No. 5637.—The sheathing was patched with 750 feet, B. M., of 3-inch pruce. Begun and finished August 12, 1886.

Secretary's Order No. 5730.—The deck was patched with 300 feet, B. M., of 3-inch spruce. Begun and finished September 8, 1886. Secretary's Order No. 5827.—The deck was patched with 339 feet, B. M., of 3-inch spruce. Begun October 2 and finished October 4, 1886. Secretary's Order No. 6403.—The pavement at entrance to pier was repaired and a drain was put in ; 330 feet, B. M., of 5' x 12' yellow pine and 1,158 feet, B. M., of 4-inch yellow pine and of 10'' x 10'' yellow pine were used. Begun April 21, 1887; in progress.

#### Pier at West Forty-sixth Street, N. R.

Pier at West Forty-sixth Street, N. R. Secretary's Order No. 538.—The sheathing was patched with 180 feet, B. M., of new 3-inch spruce. Begun and finished May 24, 1886. Secretary's Order No. 5640.—The sheathing was patched with 3,015 feet, B. M., of 3-inch spruce. Begun August 18 and finished August 20, 1886. Secretary's Order No. 5828.—The sheathing was patched with 170 feet, B. M., of 3-inch spruce plank. Begun and finished October 4, 1886. Secretary's Order No. 6066.—A hole in deck was repaired with 458 feet, B. M., of 4-inch yellow pine, and sheathing patched with 990 feet, B. M., of 3-inch spruce. Begun December 22 and finished December 23, 1886. Secretary's Order No. 633.—The sheathing on deck was repaired with 1,258 feet, B. M., of new 3-inch spruce. Begun April 25 and finished April 26, 1887.

#### Pier at West Forty-seventh Street, N. R.

Secretary's Order No. 5270.--3 oak fender piles were fastened on corner, and the old backing log was fastened; a fence was put up on outer end of pier with second-hand material; new sheath-ing was laid on deck with 8,025 feet, B. M., of second-hand 3-inch plank, and pier was blocked up with 420 feet, B. M., of 12"x 12" second-hand timber. Begun May 5 and finished November 27, 1886.

27. 1886. Secretary's Order No. 5500.—The deck was patched with 495 feet, B. M., of new 3-inch spruce. Begun and finished July 1, 1886. Secretary's Order No. 5731.—The deck was patched with 45 feet, B. M., of 3-inch spruce. Begun and finished September 10, 1886. Secretary's Order No. 5903.—Holes in deck were patched with 220 feet, B. M., of 3-inch spruce. Begun and finished October 26, 1886. Secretary's Order No. 5986.—Hole in deck was patched and understructure was repaired with Spruce. Begun and finished Soft-And timber; new sheathing was laid on deck with 1,575 feet, B. M., of second-hand 3-inch plank. Begun November 19 and finished November 23, 1886.

#### Pier at West Fifty-first Street, N. R.

Pier at West Fifty-first Street, N. R.
 Secretary's Order No. 5358.—The deck was patched with 135 feet, B. M., of new 3-inch spruce. Begun and finished May 12, 1886.
 Secretary's Order No. 5472.—The sheathing was patched with 135 feet, B. M., of new 3-inch spruce. Begun and finished July 1, 1886.
 Secretary's Order No. 5505.—The sheathing was patched with 1,035 feet, B. M., of new 3-inch spruce. Begun and finished July 1, 1886.
 Secretary's Order No. 5505.—The sheathing was patched with 4,934 feet, B. M., of new 3-inch spruce. Begun July 30 and finished July 1, 1886.
 Secretary's Order No. 5505.—The sheathing was patched with 4,934 feet, B. M., of a. Scinch spruce. Begun July 30 and finished July 1, 1886.
 Secretary's Order No. 5732.—Holes in deck were patched with 139 feet, B. M., of 3-inch spruce. Begun Movember 1 and finished November 3, 1886.
 Secretary's Order No. 5927.—Holes in deck was patched with 660 feet, B. M., of new 3-inch spruce. Begun and finished November 10, 1886.
 Secretary's Order No. 5927.—Holes in deck was patched with 663 feet, B. M., of new 3-inch spruce. Begun and finished November 10, 1886.
 Secretary's Order No. 6397.—Holes in deck were patched with 638 feet, B. M., of new 3-inch spruce. Begun and finished Arate 1; side-cap was put in and blocked up, and bearing piles were blocked up and bearing piles were blocked up; 240 feet, B. M., of 12\*\*\* 12\*\*\* second-hand timber being used. Begun December 18, 1886, and finished January 3, 1887.
 Secretary's Order No. 6241.—The deck was patched with 180 feet, B. M., of new 3-inch spruce. Begun and finished March 15, 1887.
 Secretary's Order No. 6241.—The deck was patched with 180 feet, B. M., of new 3-inch spruce. Begun and finished March 12, 1887.

#### Approach to Piers at West Fifty-fifth Street, N. R.

Secretary's Order No. 6667.—Holes were patched with 90 feet, B. M., of new 3-inch spruce. Begun and finished December 3, 1886. Secretary's Order No. 5041.—The sheathing was patched with 14,587 feet, B. M., of 4-inch yellow pine and 4,533 feet, B. M., of 4-inch spruce. Begun December 10 and finished December 21, 1886.

#### Pier at West Fifty-fifth Street, N. R.

Fier at West Fifty-fifth Street, N. R.
Secretary's Order No. 533.—The sheathing on outer end of pier was patched with 2,556 feet, B. M., of new 3-inch spruce. Begun and finished May 25, 1886.
Secretary's Order No. 547.3.—The sheathing was patched with 3,366 feet, B. M., of 3-inch spruce. Begun June 18 and finished June 19, 1886.
Secretary's Order No. 550.—The sheathing was patched with 1,020 feet, B. M., of 3-inch spruce. Begun and finished July 29, 1886.
Secretary's Order No. 549.5. We chocks were put on between fenders with S99 feet, B. M., of 3-inch spruce. Begun Chock and new sheathing laid on outer end of pier with 4,008 feet, B. M., of .564.9.—The deck was patched with 382 feet, B. M., of new 3-inch spruce. Begun Chock and new sheathing laid on outer end of pier with 4,008 feet, B. M., of order No. 5078.—The deck was patched with 382 feet, B. M., of new 3-inch spruce. Begun and finished November 11, 1886.
Secretary's Order No. 6162.—One oak fender pile was pulled, redriven and fastened on the outer end of the pier, and loose fender piles were refastened. Begun January 24 and finished January 50, 1887.
Secretary's Order No. 6440.—Loose fender piles on northwest corner of pier were refastened. Begun and finished April 29, 1887.

#### Timber Basin at West Fifty-seventh Street, N. R.

#### (GENERAL EXPENSE.)

(GENERAL EXPENSE.) The following work has been done from time to time, as required, to maintain the basin, and to receive and deliver material in it : Piles and timber were secured. Begun and finished May 14, 1886. Boom-logs were refastened. Begun and finished May 26, 1886. A scow was prepared to load with oak piles, etc., for General Repairs use. Begun and finished June 1, 1886.

A scow was prepared to load with oak pies, etc., for General Repairs use. Begun and Innished June 1, 1856. A raft of 12" x 12" square yellow pine timber from A. J. Murray, under Treasurer's order 11907, was received and inspected. Begun and finished June 8, 1886. Ioo halt-round oak fenders from A. J. Murray, under Treasurer's Order No. 11916, were received and inspected. Begun and finished July 10, 1856. Piles from A. J. Murray, under Treasurer's Order No. 11958, were received and inspected. Begun and finished August 2, 1886. Boom logs were fastened to secure piles and timber. Begun and finished August 9, 1886. Piles and timber in basin were secured. Begun and finished August 18, 1886. Piles and timber in basin were secure piles and timber. Begun and finished August 18, 1886. Piles and timber in basin were secure piles and timber. Begun and finished August 18, 1886. Piles and timber in basin were secure piles and timber. Begun and finished August 18, 1886. Piles and timber were raftened to secure piles and timber. Begun and finished August 18, 1886. Boom logs were fastened to secure piles and timber. Begun and finished August 18, 1886. Piles and timber were rafted and old scows moved. Begun January 4 and finished January 26, 1887.

1887. Old piles were pulled and redriven, and timber and piles in basin secured and regulated. Begun February 19 and finished March 7, 1887. Boom was refastened to secure logs and piles. Begun and finished April 19, 1887.

#### Bulkhead between West Seventy-eighth and Seventy-minth Streets, N.R.

Secretary's Order No. 6079.—Backing pieces were put on with 1,416 feet, B. M., of 12" x 12" yellow pine. Begun December 20 and finished December 24, 1886.

#### Pier at West Seventy-ninth Street, N. R.

Secretary's Order No. 6131.—3 old stumps were pulled ; 3 new spruce bearing and 4 second-hand oak fender piles were driven and fastened ; braces were fastened at low water; 6 new oak chocks were put on with 134 feet, B. M., of second-hand material; bearing and spring piles were pulled; 5 new and 6 second-hand oak piles were driven and chocked, and 5 half-round oak fenders were put on; 360 feet, B. M., of yellow pine timber being used. Begun January 5 and finished February 12, 1887.

#### THE CITY RECORD.

#### Bulkhead at West Ninety-sixth Street, N. R.

Secretary's Order No. 5920.—The surface was leveled off. Begun November 29 and finished November 30, 1886.

Bulkhead Platform at West One Hundred and Thirtieth Street, N. R.

Order No. 5397.—Dirt and rubbish were removed from backing logs. Begun June 24, 1886.

Pier at West One Hundred and Thirty-first Street, N.R.

Secretary's Order No. 5397.—Dirt and rubbish were removed from backing logs. Begun June 15 and finished June 16, 1886. Secretary's Order No. 6177.—Fenders and fender piles were refastened; broken piles and old stumps were pulled; 57 new spruce piles driven and fastened, and corner bands put on and fastened. Begun February 7 and finished March 12, 1887.

#### Pier at West One Hundred and Fifty-second Street, N.R.

Fier at West One Hundred and Fifty-second Street, N. R.
Secretary's Order No. 5567.—10 old stumps were pulled; old fenders were taken off; 5 spruce bearing and 17 spruce fender piles were driven and fastened; 5 half-round oak fenders were put on, "A," and horizontal braces were refastened; spring piles were checked, bearing piles pulled to place; 338 feet, B. M., of of second hord pulles, "A deck and sheathing were patched with 600 feet, B. M., of 3-inch yellow pine, and 250 feet, B. M., of second-hand plank. Begun August 11 and finished August 19, 1886.
Secretary's Order No. 5082.—Portion of pier was fenced off with 793 feet of second-hand 2-inch plank, and deck patched with 2,790 feet second-hand 3-inch plank. Begun November 29 and finished November 30, 1886.
O'Connell & Coffey, contractors, repaired the superstructure, under Contract No. 239. Begun

March 16, 1887; in progress

#### Pier at West One Hundred and Fifty-fifth Street, N.R.

Secretary's Order No. 6235.—6 new spruce fender piles driven and fastened ; 96 feet, B. M., of 12" x 12" yellow pine used for 2 new cleats ; 2 second-hand oak piles driven, chocked with 312 feet, B. M., of second-hand 12" x 12" yellow pine. Begun March 7 and finished March 10, 1887.

#### EAST RIVER.

Pier 6, E. R.

Secretary's Order No. 5440.—Pavement at entrance was repaired. Begun June 15 and finished June 16, 1886. Pier 7, E. R.

# Pier 7, E. R. Secretary's Order No. 5285.—New rangers were put in and cross-caps were spliced with 984 feet, B. M., of yellow pine ; 9 bearing piles were driven, chocked and fastened ; 2 second-hand fender piles were driven, the sheathing was patched with 2,000 feet, B. M., of 4, inch and 2,587 feet, B. M., of 3, inch and 2,587 feet, B. M., of 3, inch and 2,587 feet, B. M., of 3, inch and 2,587 feet, B. M., of 4, inch and 2,587 feet, B. M., of 4, inch and 2,587 feet, B. M., of 4, inch and 2,587 feet, B. M., of 5, 572,—The deck and sheathing were patched with 5,013 feet, B. M., of 3, inch spruce. Begun Nay 10, 5426.—The deck and sheathing were patched with 5,233 feet, B. M., of 3, inch spruce. Begun September 9 and finished September 13, 1886. Secretary's Order No. 5,127,—The deck was patched with 290 feet, B. M., of a, inch spruce. Begun and finished February 28, 1887. Secretary's Order No. 6,302.—Fhe deck was patched with 560 feet, B. M., of 4, inch spruce. Begun February 28, 1887. Secretary's Order No. 6,302.—February 28, 1887. Secretary's Order No. 6,302.—February 28, 1887. Secretary's Order No. 6302.—February 28, 1887. Secretary's Order No. 6302.—February 28, 1887. Secretary's Order No. 6302.—February 28, 1887.

#### Pier 12 (west half), E.R.

Secretary's Order No. 5500.—The deck was sheathed with 1,200 feet, B. M., of 3-inch spruce. Begun and finished June 30, 1886.

Secretary's Order No. 5521.—Fender pile was fastened with chain on corner of pier. Begun and finished July 7, 1886.

#### Pier 18 (east side), E. R.

Secretary's Order No. 5574.—The sheathing was patched with 1,010 feet, B. M., of 3-inch spruce; 14 half-round oak fenders were put on; 3 spruce bearing piles and five oak fender piles were driven; 15 feet of backing log was put on ; 2 old oak piles were pulled; 3 oak fender piles were chocked, etc. Begun July 23 and finished August 4, 1886.

#### Bulkhead Platform between Piers 18 and 19, E. R.

Secretary's Order No. 5466.—The platform was patched with 90 feet, B. M., of 3-inch second-hand plank. Begun and finished june 22, 1886. Secretary's Order No. 5575.—The sheathing was patched with 1,490 feet, B. M., of 3-inch spruce. Begun and finished july 24, 1886. Fearon & Jenks, contractors, removed the old bulkhead platform, and rebuilt the bulkhead from low water up, under Contract No. 236. Begun January 18 and finished February 12, 1887.

#### Pier 19 (west half), E. R.

Fier 19 (west half), E. R.
Secretary's Order No. 5576.—3 pine bearing piles were driven, and 14 half-round oak fenders were put on. Begun July 27 and finished July 30, 1886.
Secretary's Order No. 5830.—1 mooring post was put on lower outer corner of pier, and chocked and staved. Begun and finished September 30, 1886.
Secretary's Order No. 5793.—Vertical sheathing was patched with 300 feet, B. M., of 5-inch yellow pine, and sheathing on deck with 1,333 feet, B. M., of second-hand, and 450 feet, B. M., of new 3-inch spruce plank. Begun September 28 and finished October 1, 1886.
Secretary's Order No. 601.—The old backing log, vertical fenders and mooring posts, were removed and outer end of pier raised ; a mooring post was set and staved, and 1 piece of backing was put on 1,080 feet, B. M., of 12<sup>\*</sup>x12<sup>\*</sup> second-hand timber, and 83 feet, B. M., of yellow pine was used. Begun November 19 and finished November 23, 1886.
Secretary's Order No. 6031.—The mooring post was schecked and fastened, and backing log was repaired with 300 feet, B. M., of yellow pine, and 300 feet, B. M., of 12<sup>\*</sup>x12<sup>\*</sup> second-hand timber. Begun and finished November 24, 1886.

#### Bulkhead west of Pier 19, E. R.

Secretary's Order No. 5791 .- The pavement was repaired. Begun and finished September 25, 1886

Pier 37, E. R.
Secretary's Order No. 5455.—The sheathing was patched with 490 feet, B. M., of 3 inch spruce.
Commissioners' Order.—Ice-bridge and scales were removed, and the dock was patched where scales were located with second-hand material. Begun June 23 and finished June 24, 1886.
Secretary's Order No. 5493.—Obstructions across upper corner were removed by pulling piles and tearing up side caps. Begun and finished July 2, 1886.
Secretary's Order No. 5631.—The deck was patched with 750 feet, B. M., of 3 inch spruce.
Begun Secretary's Order No. 5631.—The deck was patched with 750 feet, B. M., of 3 inch spruce.
Begun Secretary's Order No. 5631.—The deck and sheathing were patched with 125 feet, B. M., of second-hand plank, and 135 feet, B. M., of new 3 inch spruce.
Begun and finished 135 feet, B. M., of new 3 inch spruce. Begun and finished September 30, 1886.
Secretary's Order No. 5835.—A hole in the newspruct at a since and finished September 30, 1886.

Secretary's Order No. 5835.—A hole in the pavement at entrance was repaired. Begun and finished October 13, 1886.

Secretary's Order No. 5335.—A hole in the pavement at entrance was reparted. Department finished October 13, 1886. Secretary's Order No. 5964.—A fence was erected about 50 feet from outer end of pier with 600 feet, B. M., of second-hand plank. Begun and finished November 6, 1886. Secretary's Order No. 5926.—Holes in deck were patched with 125 feet, B. M., of second-hand 3-inch plank. Begun and finished November 4, 1886. Secretary's Order No. 6194.—The fence was replaced on outer end of pier with 360 feet, B. M., of second-hand 3-inch plank, and spring piles were refastened with chain. Begun and finished February 16, 1867. Secretary's Order No. 6408.—The sheathing on deck was repaired with 3,090 feet, B. M., of new 3-inch spruce. Begun April 23 and finished April 26, 1887.

#### Bulkhead between Piers 39 and 40, E. R.

Secretary's Order No. 5623.—A portion of bulkhead about 42 feet west of Pier 40, was fenced off. Begun and finished August 11, 1886.

## Bulkhead adjoining and west of Pier 40, E. R.

Secretary's Order No. 5778.-The fence was repaired with second-hand plank. finished September 18, 1886. Begun and

#### Bulkhead south of Pier 40, E. R.

Secretary's Order No. 5792.—The bulkhead was rebuilt from low water up. Begun September 27 and finished October 12, 1886. Pier 41. E. R.

Secretary's Order No. 5349,—Hole at entrance to pier was filled in with dirt and stone and repayed. Begun and finished May 21, 1886. Secretary's Order No. 5386.—Fender piles were pulled and reset, and 7 fender piles were fastened with chain; I new spruce fender pile was driven. Begun May 18 and finished May 18,

Restence with chain; I new spruce lender pile was driven. Begun May 18 and finished May 18, 1886.
Secretary's Order No. 5426.—The vertical sheathing was repaired; 2 oak spring and 3 spruce fender piles were driven, chocked and fastened, and horizontal sheathing was put on; I square fender and t chock put on with 545 feet, B.M., of yellow pine and second-hand plank. Begun June 7 and finished June 22, 1886.
Secretary's Order No. 5495.—Old stringers were removed and new ones and new short caps put in; side caps were patched and 2 short rangers were put in, with 672 feet, B.M., of hewn yellow pine; 1 pile stump was pulled; 1 oak spring pile driven and fastened, and I mooring pile put in and fastened; 1,720 feet, B. M., of 4-inch, and 1,491 feet, B. M., of 3-inch second-hand plank were relaid, and sheathing was patched with 6,103 feet, B. M., of 3-inch spruce. Begun June 28 and finished July 2, 1886.
Secretary's Order No. 5595.—I spruce spring pile was driven and fastened on west side, and 2 half-round fenders were put on, and 1 old stump was pulled. Begun August 4 and finished August 5, 1886.

5: 1000. Secretary's Order No. 5831.—The deck and sheathing was patched with 359 feet, B. M., of 3-inch spruce, and 125 feet, B. M., of second-hand plank. Begun October 1 and finished October 2, 1886.

2, 1886. Secretary's Order No. 5914.—Fence was erected 50 feet from outer end of pier; i piece of old side cap was removed and replaced with new; it deck and sheathing was patched with 6,200 feet, B. M., of second-hand plank i 3 spring piles were pulled and redriven; 6 spring piles were refast-end; 4 old fender piles were pulled, and I piece of backing log put on. Begun October 3 and finished November 8, 1886. Secretary's Order No. 6061.—3 spruce piles were driven for cluster and fastened; I bearing pile was driven and fastened, and spring piles and half-round oak fenders were fastened. Begun November 30 and finished December 1, 1886.

#### Bulkhead at Pier 43. E. R.

Secretary's Order No. 5963.—A hole at entrance was repaired and paved. Begun and finished November 8, 1886. Pier 43, E. R.

Secretary's Order No. 5886.—Spikes projecting from sheathing were driven in ; the backing log was refastened ; fenders and sheathing were fastened with screw bolts, and "A" and horizontal braces refastened. Begun October 14 and finished November 8, 1886.

#### Pier 44, E. R.

Secretary's Order No. 5468.-2 oak spring piles were refastened on corner of pier. Begun and Secretary's Order No. 5469.—Doors and gate on shed were refastened. Begun and finished June 17, 1886. June 17, 1886.

June 17, 1886. Secretary's Order No. 5633.—1 old pile stump was removed. Begun August 17 and finished August 18, 1886. Secretary's Order No. 5829.—1 mooring post on lower outer corner of pier was refastened. Begun and finished October 2, 1886. Secretary's Order No. 5985.—10 old half-round oak fenders were replaced with new ones, and 2 old mooring posts were replaced with new ones. Begun November 22 and finished November 27, 1886. 27, 1886

27, 1886.
27, 1886.
Secretary's Order No. 6030.—3 second-hand bearing piles were driven and fastened. Begun November 25 and finished November 27, 1886.
Secretary's Order No. 6155.—Fenders on outer end of pier were repaired and refastened.
Begun and finished January 22, 1887.
Secretary's Order No. 6165.—I second-hand oak fender pile was driven and fastened. Begun and finished January 22, 1887.
Secretary's Order No. 6416.—Loose spikes were driven in and plank refastened. Begun and finished April 22, 1887.
Secretary's Order No. 6393.—2 white oak spring piles were driven, chocked and fastened on upper outer corner of pier. Begun April 29 and finished April 30, 1887.

#### Bulkhead Platform west of Pier 44, E. R.

Secretary's Order No. 5869.—The old platform was removed and one course of backing pieces and backing log were put on with 1,320 feet, B. M., of  $12'' \times 12''$  second-hand timber; fenders were replaced and fastened; I cleat was put on, and hole in bulkhead repaired and paved. Begun October 27 and finished November 11, 1886.

#### Pier 46, E. R.

Her 40, E. K.
Secretary's Order No. 5531.—7 stumps were pulled and 6 bearing piles driven and deck patched with 180 feet, B. M., of 3-inch spruce. Begun July 8 and finished July 12, 1886.
Secretary's Order No. 5572.—Six oak fender piles and 1 spruce pile were driven; mooring posts were staved ; 4 chocks were put on and piles fastened with 65 pounds of chair; 23 half-round oak fenders put on; 4 bearing piles were pulled under side cap and fastened, and wearing pieces were put on. Begun July 26 and finished August 0, 1886.
Secretary's Order No. 5726.—The deck was patched with 156 feet, B. M., of 4-inch yellow pine. Begun and finished September 11, 1886.
Secretary's Order No. 579.—I piece of side cap was put in and fastened, 102 feet, B. M., of 12" x 12" second-hand timber being used. Begun and finished November 12, 1886.

#### Pier, 53, E. R.

Engineer's Order,--I oak spring pile on outer easterly corner was refastened with chain. Begun May 20 and finished May 21, 1886.

#### Pier foot of Corlears Street. E. R.

Secretary's Order No. 6353.-7 spruce fender piles were driven, chocked and fastened, and backing piece was put in with 12"x12" second-hand timber. Begun April 16 and finished April 18, 1887.

#### Bulkhead foot of Cherry Street, E. R.

Secretary's Order No. 5402.—8 half-round oak fenders were put on. Begun and finished June 7, 1886.

### Pier 55, E. R.

Prer 55, Z. K.
Secretary's Order No. 5336.—The sheathing was patched with 632 feet, B. M., of 3-inch spruce.
Begun May 18 and finished May 10, 1886.
Secretary's Order No. 5346.—The sheathing was patched with 2,010 feet, B. M., of 3-inch spruce, and 210 feet, B. M., of second-hand plank. Begun October 7 and finished October 9, 1886.
Secretary's Order No. 6015.—Floles in deck were repaired with 90 feet, B. M., of second-hand plank. Begun and finished November 20, 1886.
Secretary's Order No. 6015.—Floles in deck were repaired with 90 feet, B. M., of second-hand plank. Begun and finished November 20, 1886.
Secretary's Order No. 612...-Inew oak pile and 17 new spruce fender piles were driven and chocked, 1, 237 feet, B. M., of 12".12" yellow pine being used; it esheathing was patched with 1,035 feet, B. M., of new 3-inch spruce. Begun March 28 and finished April 2, 1887.

#### Pier 57, E. R.

Secretary's Order No. 5550.—The sheathing was patched with 1,751 feet, B. M., of 3-inch spruce. Begun July 23 and finished July 24, 1886. Secretary's Order No. 5770.—Holes in deck were patched with second-hand plank. Begun and finished September 18, 1886.

#### Pier 58 (north half), E. R.

Secretary's Order No. 5312.—The sheathing was patched with 3,024 feet, B. M., of 3-inch spruce. Begun May 5 and finished May 6, 1886. Secretary's Order No. 5560.—The sheathing was patched with 779 feet, B. M., of 3-inch spruce. Begun July 23 and finished July 24, 1886.

#### Pier 59, E. R.

Secretary's Order No. 5659.-13 spruce piles were driven for clusters on outer southerly corner sier. Begun August 20 and finished August 21, 1886. of pier.

#### Pier 60, E. R.

secretary's Order No. 5573.—6 old stumps were pulled ; 3 pieces of side-cap and 3 half-round enders were put on ; 3 spruce bearing and 15 spruce fender piles were driven ; 2 second-hand r piles were driven ; 11 chocks were put on and rangers were blocked up, 888 teet, B. M., of  $13^{\circ}$ , and 427 feet, B. M., of  $8^{\circ}$  x  $8^{\circ}$  yellow pine being used ; the sheathing on the deck was ed with 1,284 feet, B. M., of 4-inch yellow pine. Begun August 9 and finished August 17, Secretary's Order No. 5573.-

1880. Secretary's Order No. 6016.—Old mooring-posts were removed and 2 new ones were put in, chocked and fastened with second-hand material, and 1 piece of backing-log was put on ; 720 feet of 12" x 12" second-hand timber were used. Begun November 27 and finished November 30, 1886.

#### Pier 61, E. R.

Secretary's Order No. 6017.—1 mooring pile was set, braced and chocked ; 340 feet, B. M., of second-hand 12" x 12", and 100 feet 3-inch timber being used. Begun and finished December 11-1886.

#### Pier 62 (north half), E. R.

Secretary's Order No. 5381.—The sheathing was patched on east side outer end of pier with 2,160 feet, B. M., of 3-inch spruce. Begun May 7 and finished May 10, 1886. Secretary's Order No. 5437.—13 spruce and 3 oak fender piles were driven, chocked and fastened on out-shore end, and loose fenders were fastened 2,288 feet, B. M., of 12" x 12" spruce, and 451 feet, B. M., of hewn yellow pine being used. Begun June 11 and finished June 18, 1886.

#### Pier at Fifth Street, E. R.

Secretary's Order No. 5306.—Examinations of obstructions, etc., upper side. Begun April 30 and finished May 8, 1886. Secretary's Order No. 5394.—Projecting crib timbers and obstructions were removed ; stumps pulled and stone hoisted. Begun June 1, 1886 ; in progress.

#### Bulkhead at East Fourteenth Street, E. R.

Secretary's Order No. 5330.—2 courses of timber were taken off and replaced with 3,192 feet, B. M., of yellow pine ; 16 half-round oak fenders and backing-logs were put on and fastened, and 2 spruce fender piles driven. Begun May 12 and finished May 17, 1886.

#### Bulkhead at East Fifteenth Street, E. R.

Secretary's Order No. 6084.—3 courses of timber were put on ; old mooring post was removed a new one put on ; 1 piece of backing-log and 4 half-round oak fenders were put on ; 2,040 , B. M., of 12" x 12" second-hand timber being used. Begun December 20 and finished ember 24, 1886.

#### East Seventeenth Street Yard, E. R.

(GENERAL EXPENSE.)

11957.-Piles from E. McCue were received and inspected. Begun

Treasurer's Order No. 11598.—Piles from E. McCue & Co. were received and inspected. Begun and finished July 8, 1886. Treasurer's Order No. 11557.—Piles from E. McCue were received and inspected. Begun and finished September 13, 1886. Treasurer's Order No. 11557.—Piles from Edward McCue were received and inspected. Begun and finished September 20, 1886.

Bulkhead between East Sixteenth and East Seventeenth Streets, E. R.

Secretary's Order No. 6108.—9 old stumps were pulled and 4 second-hand oak piles driven and fastened. Begun December 27 and finished December 28, 1886.

#### Bulkhead along the Centre Line of East Seventeenth Street, E. R., Extended.

Buikhead atong the Centre Line of East Securitenth Street, E. R., Extended. Secretary's Order No. 5342.—1 broken pile was pulled and I spruce fender pile was driven and fastened. Begun May 11 and fnished May 12, 1886. Secretary's Order No. 5548.—13 white oak fender.piles were driven, chocked and fastened at the north bulkhead of the yard. Begun July 20 and finished July 23, 1886. Secretary's Order No. 6366.—1 new spruce fender pile was driven in place of one broken by trg "Twin Brothers." Begun and finished November 19, 1886. Secretary's Order No. 6068.—1 second-hand oak fender pile was driven and fastened. Begun and finished December 10, 1886.

#### Bulkhead south of East Eighteenth Street, E. R.

Secretary's Order No. 5964.—The fence was replaced with 765 feet, B. M., of new 3-inch ce. Begun and finished November 8, 1886.

Bulkhead at East Eighteenth Street, E. R.

Secretary's Order No. 5547.-6 spruce fender piles were driven and fastened, braces put on with 303 feet, B. M., of 4-inch spruce. Begun July 1 and finished July 20, 1886.

#### Bulkhead rear of Pier at East Twenty-fifth Street, E. R.

Secretary's Order No. 5388. —The bulkhead was refilled and new planking was laid on surface with 1.250 feet, B. M., of 3-inch, and 200 feet, B. M., of 4-inch spruce. Begun and finished May 27, 1886.

#### Pier at East Twenty-eighth Street, E. R.

Pier at East Twenty-eighth Street, E. R.
Secretary's Order No. 5392.—The deck and sheathing on outer end of pier were patched with 1;330 feet, B. M., of 3, inch spruce. Begun and finished May 26, 1886.
Secretary's Order No. 5664.—The backing log was repaired with 252 feet, B. M., of 3, inch spruce, and the sheathing was patched with 528 feet, B. M., of 3, inch spruce. Begun and finished May 26, 1886.
Secretary's Order No. 5790.—The sheathing was patched with 550 feet, B. M., of 3, inch spruce. Begun and finished Secretary's Order No. 5810.—The sheathing was patched with 550 feet, B. M., of 3, inch spruce. Begun and finished Cetober 13, 1886.
Secretary's Order No. 5084.—The deck and sheathing were patched with 2,025 feet, B. M., of new 3, inch spruce. Begun November 2 and finished November 16, 1886.
Secretary's Order No. 6164.—The backing log was repaired and refastened, and a loose fender pile was fastened with chain. Begun January 26 and finished January 27, 1857.
Secretary's Order No. 5083.—A hole at entrance to pier was repaired. Begun and finished March 22, 1857.

March 22, 1887 Bulkhead at East Thirtieth Street, E. R.

Secretary's Order No. 5398.—Backing pieces were cut out and facing timbers put down with 2,208 feet, B. M., 12" x 12" yellow pine; 2 mooring posts were reset, and 16 half-round oak fenders put on. Begun June 2 and finished June 7, 1886.

#### Bulkhead at East Thirty-second Street, E.R.

Secretary's Order No. 5787. - A hole was repaired. Begun and finished September 25, 1886.

### Pier at East Thirty-second Street, E. R.

Secretary's Order No. 5433.-9 oak spring piles were driven, chocked and fastened with chain. Begun June 15 and finished June 17, 1886.

## Pier at East Thurty seventh Street, E. R.

Secretary's Order No. 5538. – Fence on southerly side was repaired with second-hand material. Begun July 12 and finished July 14, 1886. Secretary's Order No. 5658. – The sheathing was patched with 990 feet, B. M., of 3-inch spruce. Begun September 2 and finished September 3, 1886. Contract No. 242.–John W. Flaherty, contractor, repairing, widening and extending pier. Begun March 21, 1887; in progress.

## Bulkhead at East Thirty-eighth Street, E. R.

Secretary's Order No. 6351.-5 second-hand, I new spruce fender pile and I new spruce bearing pile were driven, fastened and chocked with second-hand material; braces and backing pieces were put on, and a fence was built; excavating and grading were done. Begun April 12 and finished April 15, 1887.

#### Pier at East Thirty-eighth Street, E. R.

Secretary's Order No. 6219.—A hole on south side was repaired with stone and earth. Begun March 5 and finished March 21, 1887.

# Bulkhead at East Forty-second Street, E. R.

Secretary's Order No. 5579.—The top of the bulkhead was leveled off, and 1 course of timber put on with 1,620 feet, B. M., of yellow pine; 10 spruce fender piles driven, chocked and fastened. Begun July 23 and finished July 27, 1886.

#### Pier at East Forty-sixth Street, E. R.

Secretary's Order No. 5516.—The pavement at entrance was relaid, and sheathing was patched with 3,245, B. M., of 3-inch spruce. Begun July 2 and finished July 7, 1886.

#### Small Dock at East Fifty-first Street, E. R.

Secretary's Order No. 5989.—Old timbers and bearing pile were removed. Begun November 17 and finished November 18, 1886.

#### Bulkhead at East Fifty-fourth Street, E. R.

Secretary's Order No. 5494.—Backing logs were put down with 948 feet, B.M., of 12" x 12' yellow pine; S half-round oak fenders were put on. Begun June 28 and finished June 30, 1886. Secretary's Order No. 5685.—The sheathing was patched with 1,020 feet, B. M., of 3-inch sprace. Begun and finished September 1, 1886.

#### Bulkhead Platform from East Sixtieth to East Sixty-second Street, E. R.

Secretary's Order No. 5552.-Holes in platform were patched with 220 feet, B.M., of 3-inch ice. Begun and finished July 22, 1886. spruce.

Bulkhead Platform south of East Sixtieth Street to south side of East Sixty-first Street, E.R. Secretary's Order No. 5568. —6 half-round oak fenders were put on and fastened. Begun and finished April 23, 1886.

#### Bulkhead Flatform between East Sixtieth and East Sixty-first Streets, E.R.

#### Bulkhead Platform at East Sixty-first Street, E.R.

Secretary's Order No. 5305 --- 1 spruce spring pile and 2 spruce bearing piles were driven, and I mooring post was chocked and fastened; sheathing was patched with 500 feet, B. M., of 3 inch spruce. Begun June 1 and finished June 2, 1886. Secretary's Order No. 6624.--Holes were patched with 250 feet, B. M., of 3 inch second-hand spruce. Begun and finished December 2, 1886. Secretary's Order No. 6328.--I new spruce pile was driven for mooring post, and piles and caps were blocked up. Begun and finished April 8, 1887.

#### Pier at East Sixty-first Street, E. R.

Secretary's Order No. 6140.-Holes in deck were patched with 212 feet, B. M., of new 3-inch ice. Begun and finished January 5, 1887.

### Bulkhead Platform between East Sixty-first and East Sixty-second Streets, E. R.

Bulkhead Platform between East Sixty-first and East Sixty-second Streets, E. R. Secretary's Order No. 5305.—Ten stumps were pulled, 8 fender and 2 bearing piles were driven and fastened, and the sheathing was patched with 2,998 feet, B. M., of 3-inch spruce. Begun May 26 and finished June 5, 1886. Secretary's Order No. 5568.—4 new spruce and 1 second-hand fender piles were driven and fastened, and the platform was sheathed with 3,046 feet, B. M., of 3-inch spruce, and 75 feet, B. M., of second-hand plank. Begun August 16 and finished September 2, 1886. Secretary's Order No. 5783.—The sheathing was patched with 2,025 feet, B. M., of 3-inch spruce. Begun and finished September 9, 1886. Secretary's Order No. 5884.—Holes were patched with 200 feet, B. M., of 4-inch second-hand plank, and new sheathing was laid with 2,745 feet, B. M., of 3-inch spruce. Begun October 14, 1886. Secretary's Order No. 6300.—The sheathing was repaired with 2,517 feet, B. M., of new 3-inch spruce. Begun November 17 and finished November 19, 1886. Secretary's Order No. 6330.—Bearing and fender piles were pulled, reset and fastened, and 2 mooring posts were put in and planked around with 100 feet, B. M., of second-hand 4-inch spruce. Begun April 2 and finished April 6, 1887.

## Bulkhead Platform at East Sixty-second Street, E. R.

Secretary's Order, No. 5463.-The sheathing was patched with second-hand plank. Begun and finished June 15, 1886.

#### Pier at East Sixty-second Street, E. R.

Secretary's Order, No. 5014.—The deck was patched with 1,013 feet, B. M., of 3-inch spruce. Begun and fnished August 7, 1886. Secretary's Order, No. 5676.—The sheathing was patched with 1,301 feet, B. M., of 4-inch spruce. Begun September 2 and finished September 3, 1886. Secretary's Order, No. 5015.—New sheathing was laid on deck with 15,000 feet, B. M., of new 4-inch spruce. Begun November 11 and finished November 18, 1886. Secretary's Order, No. 6329.—I bearing pile was pulled, and 1 second-hand pile driven ; 2 half-round oak fenders were put on, and the backing log was repaired with second-hand 12" x 12" timber. Begun and finished April 4, 1887.

Bulkhead Platform between East Seventy-eighth and East Seventy-ninth Streets, E. R.

Secretary's Order, No. 5766. —Dirt and rubbish were removed from around backing log; new sheathing were patched with 400 feet, B. M., of September 7, 1886. Secretary's Order, No. 5766. —Dirt and rubbish were removed from around backing log; new sheathing was laid with 30,436 feet, B. M., of 4-inch spruce. Begun September 20 and finished September 24, 1886.

Pier south of East Eighty-sixth Street, E. R.

Secretary's Order, No. 5441.-3 oak fender piles were driven, chocked and fastened. Begun June 17 and finished June 19, 1886.

#### Pier at East Eighty-sixth Street, E. R.

Secretary's Order, No. 5760.-The deck was patched with second-hand yellow pine 4-inch plank. Begun and finished September 16, 1886.

## Bulkhead between East Eighty-sixth and East Eighty-seventh Streets, E. R.

Secretary's Order, No. 5563 .- Bulkhead was rebuilt from low water up. Begun August 16 and finished September 4, 1886.

## HARLEM RIVER.

Pier at East One Hundred and Ninth Street, H. R. Secretary's Order, No. 5751.—The sheathing was patched with 615 feet, B. M., of 3-inch ce. Begun September 15 and finished September 16, 1886. spruce.

### Pier at East One Hundred and Sixteenth Street, H. R.

Secretary's Order, No. 5689 .- A float was removed. Begun and finished August 28, 1886.

#### Pier at East One Hundred and Seventeenth Street, H. R.

Secretary's Order, No. 5573.—The deck and sheathing were patched with 1,008 feet, B. M., of 3-inch spruce. Begun and inished May 21, 1886. Secretary's Order, No. 5594.—The deck and sheathing were patched with 2,520 feet, B. M., of 3-inch spruce. Begun August 9 and finished August 10, 1886. Secretary's Order No. 5752.—The sheathing was patched with 615 feet, B. M., of 3-inch spruce. Begun September 15 and finished September 16, 1886. Secretary's Order No. 6406.—The sheathing was patched with 2,015 feet, B. M., of new 3-inch spruce. Begun April 20 and finished April 23, 1887.

#### Pier at East One Hundred and Twenty-fifth Street, H. R.

Secretary's Order No. 5374.—The deck and sheathing were patched with 1,008 feet, B. M., of 3-inch spruce. Begun and finished May 21, 1886. Secretary's Order No. 5406.—A portion of the pier was fenced off with 748 feet, B. M., of 3-inch spruce. Begun and finished May 28, 1886. 3-inch spruce.

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spruce.

## THE CITY RECORD.

Pier at One Hundred and Fifty-fifth Street and Seventh Avenue, H. R.

Secretary's Order No. 5612.—Dirt was removed from the deck ; backing-log was put on and fastened, and the deck was patched with 750 feet, B. M., of second-hand plank. Begun August 9 and finished August 10, 1886. Secretary's Order No. 5836.—The deck was removed and the stringers and rangers were shimmed up ; new sheathing was laid with 4,053 feet, B. M., of 4-inch spruce, and 180 feet, B. M., of second-hand plank. Begun October 11 and finished October 13, 1886.

#### GENERAL EXPENSE.

Secretary's Order No. 6002.—Piers on North, East and Harlem rivers are being numbered. Begun December 10, 1886 ; in progress. Secretary's Order No. 6213.—A small office was removed from East Seventeenth Street Vard to Thirteenth street, North river, and a coal-box was built at West Fifty-seventh Street Vard for use of Dock Master. Begun February 25 and finished March 2, 1887.

#### WORK DONE FOR THE DEPARTMENT OF CHARITIES AND CORRECTION.

#### Bulkhead north of East Twenty-sixth Street, E. R.

Secretary's Order No. 517, — co braces, 5 stanchions, 8 chocks and 2 courses of yellow pine timber were put on with 2,160 feet, B. M., of 12" x 12" yellow pine, 372 feet, B. M., of hewn yel-low pine, and 312 feet, B. M., of 4-inch spruce ; 13 spruce piles were driven. Begun July 7 and finished July 15, 1886. Secretary's Order No. 6369.—The piles driven at bulkhead on the site of the old Dead House were removed. Begun April 27 and finished April 29, 1887.

#### New Dead House Pier, opposite Bellevue Hospital.

Secretary's Order No. 5913.—16 second-hand fender piles were driven ; 12 chocks were made, put on and fastened ; heads of piles were trimmed ; cleats were fastened, and 2 old piles were pulled ; 182 feet, B. M., of second-hand 12" x 12" timber were used. Begun November 10 and finished November 17, 1886.

#### Piers on Blackwell's Island, E. R. WORKHOUSE PIER.

Secretary's Order No. 5715.—Iron cleat placed on deck. Begun September 6 and finished tember 7, 1886. Sept

#### CHARITY HOSPITAL PIER.

Secretary's Order No. 6078.-5 oak piles in cluster were pulled ; 13 second-hand oak piles for cluster were driven ; braces, backing log and 2 courses of  $12^{\prime\prime} \times 12^{\prime\prime}$  second-hand timber were put on ; fenders were refastened. Begun December 13 and finished December 20, 1886.

#### STOREHOUSE PIER.

Secretary's Order No. 6218.-Test piles were driven. 'Begun April 9 and finished April 12, 1887

#### WORK DONE FOR THE DEPARTMENT OF PUBLIC WORKS.

#### PUBLIC BATHS-NORTH RIVER. Pier, new 21 (north side), N. R.

ecretary's Order No. 5901.-Gangway closed to Public Bath. Begun and finished October

15, 1886

15, 1880. Resolution of Board, November 24, 1877, and November 27, 1878.—The approach to the Public Bath was repaired. Begun June 16 and finished June 17, 1886. Resolution of Board, November 24, 1877, and November 27, 1878.—The braces underneath the approach to the Public Bath were refastened. Begun and finished August 6, 1886.

#### Pier at Horatio Street, N. R.

Secretary's Order No. 5491.—Gangway was opened on north side for access to Public Bath. Begun June 25 and finished June 26, 1886. Secretary's Order No. 5901.—The gangway was closed with second-hand material. Begun and finished October 15, 1886.

#### Pier, new 57, N. R.

Secretary's Order No. 5901.—The gangway was closed to Public Bath. Begun and finished October 15, 1886.

#### Picr at West Fifty-first Street, N. R.

Secretary's Order No. 5490.—The gangway was opened for access to Public Bath. Begun June 25 and finished June 26, 1886. Secretary's Order No. 5901.—The gangway was closed with 75 feet, B. M., of 3-inch spruce. Begun and finished October 15, 1886.

#### EAST RIVER. Pier 51, E. R.

Secretary's Order No. 5490.—The gangway was opened for access to Public Bath. 230 feet, B. M., of 4-inch, and 520 feet, B. M., of 3-inch spruce plank being used. Begun June 25 and finished June 26, 1886. Secretary's Order No. 5901.—The gangway was closed. Begun and finished October 15, 1886.

#### Pier at Fifth Street, E. R.

Secretary's Order 5490.—The gangway was opened for access to Public Bath. Begun June 25 and finished June 25, 1886. Secretary's Order No. 5901.—The gangway was closed. Begun and finished October 15, 1886.

#### Pier at East Nineteenth Street, E. R.

Secretary's Order No. 5490.—A platform was built for access to Public Bath, 305 feet, B. M., of 4-inch, and 520 feet, B. M., of 3-inch spruce being used. Begun June 25 and finished June 26, 1886.

Secretary's Order No. 5901.-The gangway was closed. Begun and finished October 15, 1886

#### Pier at East Thirty-seventh Street, E. R.

Secretary's Order No. 5490.—The gangway was opened for access to Public Bath. Begun andfinished June 26, 1886. Secretary's Order No. 5901.—The gangway was closed, 270 feet, B. M., 3-inch spruce being used. Begun and finished October 15, 1886.

#### HARLEM RIVER.

#### Bulkhead south side of One Hundred and Twelfth Street, H. R.

Secretary's Order No. 5490.—The gangway was opened for access to Public Bath. Begun and finished June 25, 1886: Secretary's Order No. 5901.—The gangway was closed. Begun and finished October 15,

1886 WORK DONE FOR DEPARTMENT OF STREET CLEANING.

## Dumping Board at West Thirty-seventh Street, N. R.

Secretary's Order No. 5987.-Repairs were made to the understructure with 1,200 feet, B. M., of 12" x 12" second-hand timber. Begun November 17 and finished November 19, 1886.

Work Done for Alleged Owners, Lessees and others, on their refusal or neglect to comply with the order of the Board, and at the expense of the parties for whom the Work was Done.

#### NORTH RIVER.

#### West Fifty-seventh Street, N. R.

Secretary's Order No. 6258.—The damage done to the south side of the pier by a scow of the Union Dredging Company was repaired. Begun and finished March 12, 1887.

#### EAST RIVER.

#### East Seventeenth Street, E. R.

Secretary's Order No. 6144.—One oak fender pile was driven in place of one broken by steam ter "Cement Rock." Begun and finished January 13, 1887. lighter

The Floating Property of the Department consists of the following : 100-ton derrick "City of New York." 100-ton derrick "City of New York." Tog: "Manhattan." 2 dredges, Nos. 3, and 4. 10 pile drivers, Nos. 1, 2, 3, 5, 6, 7, 8, 9, 10 and 11. 8 deck scows, "B," "C," "D," "E," "F," "Jim," "May," and "Willie." Boring machine "Woodcock." Diver's scow "G."

Small diver's scow o vawls, 2 bateaux, 3 skiffs and 3 sounding boats.

#### The 100-ton Derrick " City of New York."

May 10, 1886.-Placed pile driver No. 7 in the water from Pier at West Fifty-seventh Street Yard, and placed pile-driver No. 5 on pier at West Fifty-seventh Street Yard, and on June 2 placed

FLOATING PROPERTY.

Fard, and placed pine-driver No.5 on pier at west Firly-seventh Siteet Yard, and on june 2 placed in the water. June 4, 1886. —Placed pile driver No. 2 on pier at West Fifly-seventh Street Yard, and placed it in the water on June 28, and placed diver's scow "G" on pier at West Fifty-seventh Street Yard, and placed it in the water on September 10. October 8, 1886. —Placed pile driver No.3 on pier at West Fifty-seventh Street Yard, and placed it in the water on September 10. October 8, 1886. —Placed pile driver No.3 on pier at West Fifty-seventh Street Yard, and placed it in the water on April 9, 1887. November 11, 1886. —Police Department inspected boiler. December 17, 18 and 20, 1886. —Diver examined bottom of scow and reported that it was in good order with the exception of being very dirty, also reported iron castings on corners all right. January 29, 1887. —Shitted 2 ballast blocks from deck to pier at West Fifty-seventh Street Yard. it in the water. June 4, 1886.

Yard. March 31, 1887.—Loaded 6 concrete blocks on scows "B" and "C" (3 on each), at West Fifty-seventh Street Yard, and towed to West Thirty-second Street Section on April 1, and set the 6 blocks in the bulkhead wall, and on April 7 towed back to West Fifty-seventh Street Yard. March 24, 1887.—Alfred J. Murray, under Treasurer's Order No. 12100, furnished 1,400 feet, B.M., 4" x 12", and 1,500 feet, B.M., of a" x 10" yellow pine for girders and flooring. April 18, 1887.—Gaskell, Greenlie & Co., under Treasurer's Order No. 12200, furnished brace creation.

April 18, 1887.—Gaskell, Greenhe & Co., under Pressure a construction of the Department : During the year the following work was done by the force of the Department : The force of the Department cut out old and put in new yellow pine girders under deck ; laid z-inch yellow pine flooring in hold ; put on wood and cast-iron braces; put in truss and circle bolts ; repaired steam-pipes, pipes in tanks, beams, hatch-houses, hand-hole plates of boiler, engines, fenders and machinery ; made core box for brace casting and fenders; put on and painted new wearing pieces; put new life lines on boom ; calked deck ; covered deck with crude turpentine ; pumped out bilges; (cleaned boiler, engines and machinery; screwed up bolts in beams and capstans ; packed piston rods, valves, water gauges on boiler, valve stems, shifted and stowed ballast in hold ; examined tower and braces ; painted circle and scow ; put in panes of glass and cleaned out hold. The to-ton Derrick.

May 12, 1886.—Towed from West Fifty-seventh Street Yard to West Thirty-second Street Section, and set 132 pieces of granite in the bulkhead wall, towed back to West Fifty-seventh Street Yard on July 20, 1886. June 16, 1886.—Police Department inspected boiler. The force of the Department repaired deck, house, roof, water tank, steam pipes, hatch, engines and machinery; covered deck with crude turpentine; put floor in coal bunker; overhauled blocks; oiled mast and boom; cleaned boiler, engine and machinery; calked deck and water tank; took down boom and rigging and painted.

#### Tug " Manhattan."

Ing "Manhattan."
May 10, 1886.—Began running (having been laid up for repairs since August 15, 1885), and did all the towing required by the Department up to July 15, 1886, when she was laid up by order of the Commissioners of Docks.
September 26, 1886.—Resumed running and has done all the towing required up to April 28, 1887, then laid up for repairs. The hired tugs of Victor Vierow have done all the towing required by the Department while the "Manhattan" was laid up.
May 5, 1886.—He United States Local Inspectors inspected the donkey boiler.
May 31, July 6, November 3 and December 14, 1886, and January 8, February 18 and April 9, 1887, the low Fifty.seventh Street Yard to clean boiler.
The force of the Department recalked and painted deck; scraped, calked and painted hull; covered smoke stack with parafine varinish; removed old and put in new grate bars; repaired and painted water closet; put strips of wood on deck in front of doors; fitted and put up two 24-foot flag staffs; made mould for ice cutter, rope fenders, coal plank for deck, certificate trame, drip pains, balls for flag staffs and ladder; put up radiator in cabin and pitot house; repaired bell wires, house windows, doors, taffrail, steering gear, boiler, machinery, etc., made and painted hickory fenders; put down dhoor in engine room; put in class.
April 26, 1837.—Placed on Tebo's Dry Dock at Twenty-third street, South Brooklyn, for examination of bottom. Found the bottom in a fair condition and quite clean, and all that is required at provide it apprinting.

April 26, 1887.—Placed on Tebo's Dry Dock at Twenty-third street, South Brooklyn, for examination of bottom. Found the bottom in a fair condition and quite clean, and all that is required at present is painting.
 April 27, 8.30 A.M.—Run off the dry dock.
 Wm.M. Tebo, under Treasurer's Order No. 12300, furnished dry dock to examine bottom. April 28 to 30, 1887.—Patterson Brothers, under Treasurer's Order No. 12273, furnished 160 feet \$\$\phi\_{e.10}\$ that and links, and one 4\_inch fue brush.
 April 28, 1887.—Laid up for repairs to engine, which are being done by Pioneer Iron Works (at Atlantic Basin dock), under Treasurer's Order No. 12282.
 May 18 to 31, 1886.—John Morris, under Treasurer's Order No. 11882, furnished and laid 31\$ yards of oil cloth in cabin and engine room.
 May 27 to 31, 1886.—John Morris, under Treasurer's Order No. 11884, furnished 2 single blocks for steering gear.
 July 1 to 15, 1886.—John Morris, under Treasurer's Order No. 11884, furnished 100 pounds solidified oil.
 July 3 to 15, 1886.—George H. Mercer, under Treasurer's Order No. 11933, furnished 100 pounds solidified oil.
 July 3 to 15, 1886.—John & Co., under Treasurer's Order No. 11934, furnished 100 pounds solidified oil.
 July 3 to 15, 1886.—John & Co., under Treasurer's Order No. 11934, furnished 100 pounds solidified oil.
 July 3 to 15, 1886.—John & Co., under Treasurer's Order No. 12049, furnished 12 cask sal soda, 448 pounds.
 October 25 to 31, 1886.—John F. Walsh, under Treasurer's Order No. 12049, furnished 2 single bals.
 November 13, 1886, to January 15, 1887.—Thomas C. Dunham, under Treasurer's Order No. 12048, furnished 2 sal-feet flagstaffs with gilt balls.
 November 13, 1887.—John W. Sullivan, under Treasurer's Order No. 12127, furnished 1 galley store No. 6 13, 1887.—John W. Sullivan, under Treasurer's Order No. 12100, furnished 1 galley store No. 15, 18

March 8 to 15, 1887.—John W. Sullivan, under Treasurer's Order No. 12100, furnished 1 wrought iron ice cutter. April 4 to 15, 1887.—Hodgman Rubber Company, under Treasurer's Order No. 12253, fur-nished 100 feet 24-inch 3-ply rubber hose and 2 pair couplings. April 18 to 30, 1887.—Gaskell, Greenlie & Co., under Treasurer's Order No. 12220, furnished 2 cast-iron bearing bars.

#### Dredges.

Dredges. Dredges Nos. 3 and 4 are in the possession of the Union Dredging Company. Dredge No. 4 was laid up near the foot of One Hundred and Twenty-ninth street and Second avenue, Harlem river, from August 21, 1855, until August 31, 1856, when she was towed back to Twenty-ninth street, North river, and returned to the Union Dredging Company. October 15, 1856.—Towed to East Ninety-ninth street, East river, and placed in the ferry slip of the Long Island Ferry Company, under Secretary's Order No. 5505, and on November 8, 1886, towed to East One Hundred and First street, East river; and on November 9, 1886, to Twenty-ninth street, North river, and returned to the Union Dredging Company.

#### Pile Drivers.

Pile Drivers. Pile Driver No. 1.—Laid up at West Fifty-seventh Street Yard. Pile Driver No. 2.—June 4, 1886.—Placed on pier at West Fifty-seventh Street Yard by the derrick "City of New York." The force of the Department removed wearing pieces; scraped and calked bottom, sides and ends; put on wearing pieces; painted scow; repaired ways, house and machinery; and placed in the water June 28, 1886; the old boiler condemned by the Police Department was stripped and removed; nemoved old and put in new grate bars; made plugs for pump holes; laid small platform on deck; put in glass; cleaned water tank; painted ways; made window sash; cleaned engines and machinery, and will fit up the new boiler as soon as possible. December 1 to 15, 1886.—John W. Sullivan, under Treasurer's Order No. 12016, furnished 1 new upright boiler.

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April 28 to 30, 1887.—John W. Sullivan, under Treasurer's Order No. 12099, furnished drum fran e and cap fittings. April 28 to 30, 1887.—Pioneer Iron Works, under Treasurer's Order No. 12246, furnished new smok

File Driver No. 3.—October 8, 1886.—Placed on Pier at West Fifty-seventh Street Vard. The force of the Department cut out old and put in new plank and timber ; repaired house, hatches, machinery, etc., laid new deck plank ; made and put in bit ; removed and put on wearing pieces ; calked sides, ends and bottom ; put in four new hackmatack knees ; removed old and put in new grate bars ; made plugs for pump holes ; painted, cleaned engines and machinery. April 0, 1887.—Placed in the water. June 9, 1880.—Police Department inspected boiler.

File Driver No. 5 (fitted up as a pile cutter).—May 10, 1886.—Placed on pier at West Fifty-seventh Street Yard. The force of the Department removed and put on wearing pieces; scraped and calked bottom, sides, ends and water tank; painted, made smoke stack and plugs for pump holes; repaired machinery; ceiled water tank with new white pine and calked same; removed old and put in new grate bars. June 2, 1886.—Placed in the water. May 21, 1886.—Placed in the water.

Pile Driver No. 6.—The force of the Department ceiled water tank with 11-inch white pine and calked same; repaired ways, house, roof deck, hatches, cleats and machinery; made and painted window sash; put in glass; calked deck; painted house; removed old and put in new grate bars; made plugs for pump holes; icleaned boiler, machinery, etc. September 11, 1886.—Police Department inspected boiler.

File Driver No. 7.—May 10, 1856.—Placed in the water from pier at West Fifty-seventh street. The force of the Department calked bottom, sides, ends, water tank and deck ; repaired roof, house, ways, sides, ends, water tank and machinery ; put new iron on ways ; removed old and put in new grate bars ; painted house ; cleaned boiler, machinery, etc. July 24, 1886.—Police Department inspected boiler. October 8 to 15, 1886.—John W. Sullivan, under Treasurer's Order No. 11918, furnished 1,089 pounds ¾" x 4" x 18" iron for ways.

Pile Driver No. 8.—The force of the Department repaired ways, roof, house, ash pans, cleats, hatches, machinery, water tank, etc.; removed old and put in new grate bars ; packed valves ; put in glass ; made plugs for pump holes ; painted house ; cleaned water tank and machinery. May 21, 1886.—Police Department inspected boiler.

File Driver No.9.—The force of the Department repaired ways, hatches, house, deck, coal akers, cleats, water tank, machinery, etc., calked deck and water tank, stripped and removed boiler and put up and fitted new boiler (upright) with pipes, fittings, etc.; put on new smoke

old böller and put up and inteu new bone (up ign).
 stack.
 March 25, 1887. – Police Department inspected boiler.
 December 1 to 15, 1886. – John W. Sullivan, under Treasurer's order No. 12016, furnished I upright boiler (new).
 December 27 to 31, 1886. – McNab & Harlin Manufacturing Co., under Treasurer's Order No. 12122, furnished I Unca Gauge No. 6.
 October 8 to 15, 1886. – John W. Sullivan, under Treasurer's Order No. 11918, furnished I abor and material to fit up wood cones.
 April 28 to 30, 1887. – Pioneer Iron Works, under Treasurer's Order No. 12246, furnished new smoke stack.
 September 11, 1886. – PoliceDepartment inspected and condemned old boiler.
 Pila Driver, No. 10. – The force of the Department repaired ways, house, hatch, engines and put and put and the put of the private put of the private put of the put of the private put of the put of the private put of the p

Pile Driver No. 10.—The force of the Department repaired ways, house, hatch, engines and hinery; cleaned boiler and machinery; calked water tank and deck; removed old and put in

grate bars. May 21, 1886.—Police Department inspected boiler.

Pile Driver No. 11.— The force of the Department repaired house, deck and machinery ; packed valves ; calked water tank and deck ; removed old and put in new grate bars. April 12, 1887.—Police Department inspected boiler. October 8 to 15, 1886.—John W. Sullivan, under Treasurer's Order No. 11918, furnished labor and materials to fit up wood cones.

#### Deck Scows.

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#### MISCELLANEOUS.

#### Pier " A," North River.

Under Treasurer's Order No. 11997, a 15 horse-power boiler, to be known as boiler No. 2, was placed in the building on Pier "A," with all the necessary appliances as called for, by the Babcock & Wilcox Company, in November, 1886, and the necessary steam fittings and connec-tions were made ; put up sheet-iron partition for boiler room; cemented foor; made, put up and painted closet, steam-gauge board and coal box; put up vise bench; cleaned boiler and fittings; put number plates on boilers in accordance with orders from Police Department; painted and fitted up. December 18, 1886.—Police Department inspected new boiler No. 2. December 21, 1886.—Police Department inspected boiler No. 1. November 25, 1886.—Patterson Brothers, under Treasurer's Order No. 12032, furnished 32 sheets best B galvanized iron, and on November 30, under Treasurer's Order No. 12035 furnished 6 sheets.

sheets best b gavannee hon, and on November 30, under Treasurer's Order No. 12005 thinshed 6 sheets. December 27 to 31, 1886.—McNab & Harlin Manufacturing Company, under Treasurer's Order No. 1222, furnished 1 brass marine clock, also furnished steam fittings under Treasurer's Orders No. 10806, 10013, 11176, 11353, 11827 and 12070; returned on December 15, 1886. Offices, etc.—Worked at doors, window sash, furniture, partition, railing, drawing boards, neumatic bells, fanlights, closets, chest of drawers, map case, press stand, shades, etc., covered steam pipes with canvas and felting; varnished floor of the Engineer-in Chief's office; varnished doors, etc.; juinted speaking tubes, closet, staff target, tide gauges, railings, etc.; repaired win-dows in winding stairway, storm windows, iron shutters, gates in hallway and fireproof room, door in steam box, etc.; put on outside window sashes; took down window awnings; made and put up double doors on north side of shed for use of Police Boat "Patrol's" crew; made, put up and painted iron of balcony and new iron work in trusses under roof of building; erected and took down temporary platform on deck of pier for use of autioneer; made treatles for use of painter and pipe-fitter; made, put up and painted closet in fireproof room; fitted and put up one 25-foot flag-staff on building and automatic tide gauge at pier; shifted radiator in room No. 14; made

trestles for drawing boards, cleaned out pipes in water-closet; cleaned, painted and varnished October 25, 1886.—Annin & Co., under Treasurer's Order No. 12049, furnished I American

October 30 to 31, 1886.—John F. Walsh, under Treasurer's Order No. 12048, furnished 1 October 30 to 31, 1886.—John F. Walsh, under Treasurer's Order No. 25-foot flagstaff and gilt ball.

25-foot flagstaff and gilt ball. September 7 to 15, 1886.—MNab & Harlin Manufacturing Co., under Treasurer's Order Ne 11974, furnished 15 leet 10 inches galvanized pipe and one flange 10" x 16" for automatic tid

gauge.
 September 18 to 30, 1886.—John Merry & Co., under Treasurer's Order No. 11973, double dipped galvanized iron work for automatic tide gauge.
 March 12 to 15, 1887.—McNab & Harlin Manufacturing Co., under Treasurer's Order No. 12005, furnished 2 number plates for boilers.
 April 28 to 30, 1887.—John W. Sullivan, under Treasurer's Order No. 12099, furnished 2 cast-iron fenders for deck.

East Seventeenth Street Yard.

Repaired steam pipe and machinery; cleaned boilers, etc., and overhauled and fitted guys, etc., of hoisting derrick. June 77, 1886.—Police Department inspected boiler.

Sections north of West Twenty-third Street.

Repaired tool house at Pier, new 57, North river ; made straight-edges and beetles for use of masons at West Thirty-second Street Section.

Cromwell's Creek.

Repaired\_tide-gauge houses.

Surveyors. Made and painted tide-gauge staffs and sight staffs.

Material received for new Deck Scows.

January 12, 1887.--C. & R. Poillon furnished, under Treasurer's Order No. 12156, 36 hack-matack knees.

January 12, 1857.—C. & K. Foilon turnished, under Treasurer's Order No. 12156, 36 hack-matack knees. January 25, 1857.—William B. Ferguson & Son, under Treasurer's Order No. 12161, furnished 6,000 i-inch deck plugs, 2,000 i-inch Y. P. wedges, and 1,000 i'' x 16" (Jocust trenails. January 28, 1857.—Patterson Brothers, under Treasurer's Order No. 12162, furnished 2,000 pounds wrought dock spikes, and 2,000 pounds galvanized dock spikes, 8" x 4". February 8, 1887.—Gaskell, Greenlie & Co., under Treasurer's Order No. 12159, furnished 2,000 folt2 pounds galvanized dock spikes, 3" x 4". February 8, 1887.—Gaskell, Greenlie & Co., under Treasurer's Order No. 12159, furnished folt2 pounds galvanized four specimens of iron work. Tebruary 8, 1887.—A. Y. Abbott, under Treasurer's Order No. 12180, furnished machine for testing and preparing four specimens of iron work. April 18, 1887.—Gaskell, Greenlie & Co., under Treasurer's Order No. 12220, furnished (221 pounds) 12, cast-iron caps. A. J. Murray, under Treasurer's Order No. 12150, has delivered 198 pieces (out of the 1,076 ordered) of yellow pine, and under Treasurer's Order No. 12151, delivered 61 pieces of white oak out of the 78 pieces ordered.

#### West Fifty-seventh Street Yard.

West Fifty-seventh Street Yard. Repaired, caulked, and put up water tank used for cement tests made at yard ; repaired and put up automatic tide gauge ; scraped and painted iron screens used by divers in locating piles ; made and painted profile frame for setting blocks ; made and painted tide gauge staffs for general use ; made, put up and painted closet in office of General Repairs ; put in new iron sink bowl for wash-basin in office of Floating Property ; made and lettered new bulletin board for high-water notices ; made capstan bars, pike poles, fenders, etc., for general use ; fitted up benches in carpen-ter shops ; repaired pipe, tools, metal pumps, lamps, etc., for use of Floating Property ; lettered patterns ; steam was kept up in boiler of pipe shop until April 5, 1837, for the purpose of keeping water pipe on pier from irezing ; repaired the steam fittings and put number plate on boiler, in accordance with orders from Police Department. Shitted all the floating property from the north to south side of pier and back, to make room for dredging. Inspected and shifted new yellow pine, white oak and iron work for proposed new deck scows. Pumped out scows and pile drivers, and looked after floating property laid up. December 18, 1886.—Police Department inspected boiler in pipe shop.

Contracts under which Work was done during the Year.

| Under<br>New<br>Plan. | Not<br>Under<br>New<br>Plan. | General<br>Repairs. | CONTRACT FOR.   | Contract<br>Dated.                            | Work<br>Begun.   | WORK<br>FINISHED.   |
|-----------------------|------------------------------|---------------------|---|---|--|---|
| Con.No.               | Con. No.                     | Con. No.            |   |   |  |   |
| 132                   |                              |                     | Agreement to dredge under new<br>plan for improvement of water<br>front. Union Dredging Co., con-   |   |  |   |
| 230<br>231            | ::::                         |                     | tractor<br>Granite<br>New Pier and approach, West For-<br>tieth street, North river   | May 9, 1881<br>Nov. 23, 1886                  | May , 1881<br>Mar. 12, 1887                                      | In progress.<br>In progress.                                    |
|                       |                              | 232<br>233          | Dredging North and East rivers  | Nov. 16, 1886<br>Jan. , 1887<br>Dec. 22, 1886 | Nov. 17, 1886<br>Jan. 17, 1887                                   | In progress.<br>April 30, 1887                                  |
|                       |                              | •                   | Pier, old 29, North river<br>Pier, new 47, North river<br>West Fifty-eighth street, North   |   | Mar. 24, 1887<br>Jan. 28, 1887                                   | Mar. 29, 1887<br>Mar. 28, 1887                                  |
|                       |                              |                     | river.<br>Pier 4 (east side), East river.<br>Pier 5, East river.<br>Pier 6, East river.<br>Bulkhead between Piers 4 and 5,<br>East river. |   | Dec. 27, 1886<br>Feb. 19, 1887<br>Jan. 25, 1887<br>Dec. 29, 1886 | Jan. 25, 1887<br>Mar. 8, 1887<br>Mar. 9, 1887<br>April 21, 1887 |
|                       |                              |                     | Bulkhead between Piers 5 and 6,<br>East river.<br>East Fifth street, East river   |   | Mar. 2, 1887<br>Feb. 4, 1887                                     | Mar. 2, 1887<br>Feb. 11, 1887                                   |
|                       |                              | 234                 | Repairs to Pier at West Nineteenth<br>street, North river   | Dec. 23, 1886                                 | Feb. 15, 1887<br>Dec. 27, 1886                                   | April 27, 1887<br>Jan. 31, 1887                                 |
|                       |                              | 235                 | Repairs and painting shed on Pier,<br>new 43, North river   | Mar. 31, 1887                                 | April 1, 1887  | In progress.  |
|                       |                              | 236                 | Repairs to bulkhead between Piers<br>18 and 19, East river<br>Repairs to Pier at Bogart street,   | Jan. 10, 1887                                 | Jan. 18, 1887  | Feb. 12, 1887   |
|                       |                              | 237<br>238          | North river<br>Dredging on the North river<br>Work done as follows:<br>West Thirteenth street (north                                      | Jan. 6, 1887<br>Jan. 10, 1887                 | Jan. 18, 1887  | Feb. 12, 1887<br>In progress.                                   |
|                       |                              |                     | west Fourteenth street (half  |   | Mar. 8, 1887   | Mar. 18, 1887   |
|                       |                              |                     | slip, south side), North river<br>West Fourteenth street (half  |   | Feb. 28, 1887  | Mar. 21, 1887   |
|                       |                              |                     | slip, north side) North river<br>West Fifteenth street, North   | •••••   | Mar. 22, 1887  | April 14, 1887  |
|                       |                              |                     | river   |   | Mar. 23, 1887  | In progress.  |
|                       |                              |                     | West Twenty-first street, North   |   | Apr. 11, 1887<br>Apr. 14, 1887                                   | In progress.<br>In progress.                                    |
|                       |                              |                     | North river   |   | Mar. 31, 1887  | In progress.  |
|                       |                              | 239                 | West Fifty-seventh street, North<br>river<br>Repairs to Pier at West One Hun-   |   | Jan. 8, 1887   | Mar. 23, 1887   |
|                       |                              | -39                 | dred and Fifty-second street,<br>North river  |   | Mar. 16, 1887  | In progress.  |
|                       |                              | 240                 | Repairing, altering and extending<br>Pier at West Thirty-fourth   |   |  |   |
| 241                   |                              |                     | street, North river<br>Building Pier, new 32, East river. )   | Feb. 15, 1887                                 | Feb. 17, 1887  | In progress.  |
|                       |                              | 241 242             | Repairing bulkhead foot of Pike<br>slip, East river   | Mar. 14, 1887                                 | Mar. 15, 1887  | In progress.  |
|                       | 243                          |                     | Repairing, widening and extending<br>Pier a: East Thirty-seventh<br>street, East river  | Mar. 14, 1887                                 | Mar. 21, 1887  | In progress.  |
|                       |                              |                     | enty-seventh to West Seventy-<br>eighth street, North river   | Apr. 6, 1887                                  | April 15, 1887   | In progress.  |

#### 3394

#### THE CITY RECORD.

3395

FORMS OF CONTRACTS AND SPECIFICATIONS SUBMITTED TO THE BOARD OF DOCKS.

Engineer's Order.—For granite for bulkhead wall. Submitted September 22, 1886; advertised as Contract No. 230.

Secretary's Order No. 5818.—For dredging at Pier, old 29, N. R.; at Pier, new 47, N. R.; at Pier at West Fifty-eighth street, N. R.; at Pier 4 (east side), E. R.; at Pier 5, E. R.; at Pier 6, E. R.; at Dikhead between Piers 4 and 5, E. R.; at bulkhead between Piers 4 and 5, E. R.; at bulkhead between Piers 4, and 5, E. R.; at Dikhead between Piers 4, and 5, E. R.; at Dikhead between Piers 4, and 5, E. R.; at Dikhead between Piers 4, and 5, E. R.; at Dikhead between Piers 4, and 5, E. R.; at Dikhead between Piers 5, and 6, E. R.; at Pier 4, at Pier 4, E. R.; at Dikhead between Piers 5, and 6, E. R.; at Dikhead b at Pier a No. 233.

Secretary's Order No. 5767.—For repairing Pier at West Nineteenth street, N. R. Submitted October 11, 1886 ; advertised as Contract No. 234.

Secretary's Order No. 5767.-For repairing Pier, old 54, N. R. Submitted October 11, 1886; advertised as Contract No. 232.

Secretary's Order No. 5873.—For repairing the bulkhead between Piers 18 and 19, E. R. Submitted October 20, 1886; advertised as Contract No. 236.

Secretary's Order No. 5873.—For repairing the Pier near the foot of Bogart street, N. R. Submitted October 20, 1886 ; advertised as Contract No. 237.

Secretary's Order No. 5873.—For painting the shed on Pier, new 43, N. R., and for repairing its metal work. Submitted October 20, 1886; advertised as Contract No. 235.

Secretary's Order No. 5917 -- For repairing the pier at West One Hundred and Fifty-second street, N. R. Submitted November 15, 1886 ; advertised as Contract No. 239.

Secretary's Order No. 5819.—For dredging the slips from the north side of West Thirteenth street, N. R., to the centre of the slip between West Twenty-second street and West Twenty-third streets, N. R., exclusive of the ferry slip at the foot of West Fourteenth street, and for dredging at West Fifty-seventh street, N. K. Submitted November 18, 1886; advertised as Contract No. 238.

Secretary's Order No. 3551.—For removing the old pier and for building a new pier at the foot of West Fortieth street, N. R. Origmally submitted, including dredging, on September 27, 1884, when it was laid on the table for want of funds. Resubmitted October 6, 1886, excluding the dredging, and advertised as Contract No. 231.

Secretary's Order No. 4115.—For repairing and extending Pier at West Thirty-fourth street, N. R. Submitted December 13, 1886; advertised as Contract No. 240.

Secretary's Order No. 5965.—For removing Pier, old 41, E. R., and for building Pier, new 32, E. R., and approach on the site thereof, and for repairing the crib-bulkhead thereat. Submitted January 27, 1887; advertised as Contract No. 241.

Secretary's Order No. 6073.—For building crib-bulkhead from West Seventy-seventh to West Seventy-eighth street, N. R. Submitted February 18, 1887 ; advertised as Contract No. 243.

Engineer's Order.-For raising boat landing and completing approach to Pier "A," N. R. Submitted April 1, 1887.

Secretary's Orders Nos. 6355 and 6356.—For dredging west side of Pier 19, E. R., east side Pier 43, E. R., west side Pier 44, E. R., and bulkhead between Piers 43 and 44, E. R. Submitted April 6, 1887; advertused as Contract No. 244.

Secretary's Order No. 6364.—For dumping board at East Eightieth street, E. R. Submitted April 14, 1887 ; advertised as Contract No. 245.

| Statement of Dredging | done during the | Year ending April 30, | 1887, by the | Department of Docks. |
|-----------------------|-----------------|-----------------------|--------------|----------------------|
|-----------------------|-----------------|-----------------------|--------------|----------------------|

| LOCATION.  | Монтн.                                  | Mud.<br>Cubic<br>Yards.           | CRIB.<br>CUBIC<br>YARDS. | MISCELLANEOUS.                   | DEPTH<br>MADE AT<br>MEAN LOW<br>WATER. | CONTRACT NO. OR<br>TREASURER'S ORDER NO.  | Authorization.   | By WHOM<br>PERFORMED. | WHEN BEGUN.  | When<br>Finished.                             |
|--|---|-----------------------------------|--------------------------|----------------------------------|--|---|--|-----------------------|--|---|
|  |   |                                   |                          |                                  | Feet.                                  |   |  |                       |  |   |
| Pier, old 29, North river, south side  | Mar., 1887                              | 10,287                            |                          |                                  | 20<br>15                               | Contract No. 233<br>Treasurer's Order No. 12080<br>Treasurer's Order No. 12206            | Resolution of Board, Oct. 6, 1886  | Union Dredging Co.    | Mar. 24, 1887  | Mar. 29, 1887                                 |
| Canal street dump {  | Nov., 1886<br>Mar., 1887                | 560<br>1,888                      |                          |                                  | 15                                     | Treasurer's Order No. 12206<br>Treasurer's Order No. 12183                                | Secretary's Order No. 5988<br>Secretary's Order No. 6223<br>Secretary's Order No. 6169   |                       | Mar. 24, 1887<br>Nov. 26, 1886<br>Mar. 4, 1887<br>Feb. 7, 1887 | Nov. 26, 1886<br>Mar. 9, 1887                 |
| Pier, new 46, North river, north side<br>Bulkhead between Piers, new 46 and 47, North  | Feb., 1887                              |                                   |                          |                                  | 25                                     |   |  |                       |  | Feb. 11, 1887                                 |
| river  | Sept., 1880                             | 4,569                             |                          |                                  | 10                                     | Treasurer's Order No. 12011   |  |                       | Sept. 29, 1886   | Sept. 30, 1886                                |
| Pier, new 47, North river  | Jan., 1887<br>Feb., 1887<br>Mar., 1887  | 11,439 2,316                      | {·····                   |                                  | 25                                     | Contract No. 233  | Resolution of Board, Oct. 6, 1886  | . "                   | Jan. 28, 1887  | Mar. 28, 1887                                 |
| Dumping-board, West Twelfth street, North river<br>West Thirteenth street Pier, North river, north   | Apr., 1887                              | 1,176                             | ·                        |                                  | 15                                     | Treasurer's Order No. 12224   | Secretary's Order No. 6273   | . "                   | Mar. 31, 1887  | Apr. 5, 1887                                  |
| West Thirteenth street Pier, North river, north side.  | Mar., 1887                              | 11,810                            |                          |                                  | 20                                     | Contract No. 238  | Resolution of Board, Sept. 24, 1886  | . "                   | Mar. 8, 1887   | Mar. 18, 1887                                 |
| side<br>West Fourteenth street, North river, half slip<br>south  | Mar., 1887                              | 13,558                            |                          |                                  | 20                                     | Contract No. 238  | " " 24, "  |                       | Feb. 28, 1887  | Mar. 21, 1887                                 |
| west Fourteenth street, North river, half slip {   | Mar., 1887                              | 1,701                             | }                        |                                  | 20                                     | Contract No. 238  | " " 24, "  |                       | Mar. 22, 1887  | Apr. 14, 1887                                 |
| north  | Apr., 1887<br>Mar., 1887                | 12,965                            | 2                        |                                  |  |   |  |                       |  | { Temporarily suspended.                      |
| West Fifteenth street Pier, North river {  | Apr., 1887                              | 6,870<br>2,218                    | }                        |                                  | 80                                     | Contract No. 238  | " " 24, " …  |                       | Mar. 23, 1887  | (Apr. 10, 1887                                |
| West Sixteenth street Pier, North river  | Apr., 1887                              | 3,028                             |                          |                                  | 20                                     | Contract No. 238  | " " 24, "  | "                     | Apr. 11, 1887  | Temporarily<br>suspended.                     |
|  |   | 3,010                             | 1                        |                                  |  |   |  |                       |  | (Apr. 12, 1887                                |
| Dump board, West Nineteenth street, North  | Sept., 1886                             | 2,358<br>18,868                   |                          |                                  | 15 to 18                               | Treasurer's Order No. 12011   | Secretary's Order No. 5738<br>Resolution of Board, Sept. 24, 1886  | "                     | Sept. 13, 1880   | Sept. 16. 1886                                |
| West Twenty-first street Pier, North river   | Apr., 1887                              |                                   |                          |                                  | 20                                     |   |  |                       | Apr. 14, 1887  | In progress.<br>(Apr. 20, 1887                |
| West Twenty-second street Pier, North river. {   | Mar., 1887<br>Apr., 1887                | 26,562                            | }                        |                                  | 20                                     | Contract No. 238  | " " 24, "  | "                     | Mar. 31, 1887  | { Temporarily                                 |
| West Thirty-second street, section bulkhead j  | Nov., 1886                              | 14,526                            | ·                        |                                  | 35                                     | Treasurer's Orders  | " Oct. 22, 1885  | "                     | Nov. 1, 1886   | suspended.<br>Nov. 12, 1886                   |
| wall?<br>Pier, new 61, North river?  | Mar., 1887                              | 10,641 16,837                     |                          |                                  | 35 25                                  | Treasurer's Orders<br>Treasurer's Orders  | " Mar. 16, "   | "                     | Mar. 10, 1887<br>Apr. 21, 1887                                 | Mar. 22, 1887<br>In progress.                 |
| West Thirty-fourth street Pier, North river }  | Mar., 1887                              | 15,724                            | 3,605                    |                                  | 25 and 30                              | Contract No. 240  | " Dec. 15, "   | John Gillies          | Mar. 10, 1887  | Apr. 9, 1887                                  |
| Dump board, West Thirty-seventh street, {<br>North river   | Apr., 1887<br>Mar., 1887                | 7,74 <sup>6</sup><br>377<br>3,647 | }                        |                                  | r5                                     |   | Secretary's Order No. 6275   | Union Dredging Co.    | Mar. 31, 1887  | Apr. 8, 1887                                  |
| North river {  | Apr., 1887                              | 3,647                             | 5                        |                                  | *5                                     |   |  |                       |  | ( Temporarily                                 |
| West Fortieth street, North river  | Nov., 1886<br>Dec., 1886                | 44,344 35,752                     | 2,104                    |                                  | 20, 25 and 35                          | Treasurer's Orders  |  | "                     | Nov. 1, 1886   | suspended.<br>Dec. 27, 1886                   |
| Dump board at West Forty-seventh street, f   | July, 1886<br>Mar., 1887                | 2,910                             |                          |                                  | 15                                     | Treasurer's Order No. 11944   | Secretary's Order No. 6536<br>Secretary's Order No. 6276   | "                     | July 13, 1886<br>Mar. 26, 1887                                 | July 15, 1886<br>Mar. 30, 1887                |
| North river  | Mar., 1887<br>Jan., 1887                | 1,314                             | ·····                    |                                  | 15                                     |   |  |                       |  |   |
| West Fifty-seventh street Pier, North river }  | Jan., 1887<br>Feb., 1887<br>Mar., 1887  | 24,934<br>21,823                  | {                        |                                  | 10 and 15                              | Contract No. 238  | Resolution of Board, Sept. 24, 1886  | "                     | Jan. 8, 1887   | Mar. 23, 1887                                 |
| West Fifty-eighth street Pier, North river {   | Dec., 1886                              | 5,018                             | 1                        |                                  | 15                                     | Contract No. 233  | " " 24, "  | "                     | Dec. 27, 1886  | Jan. 25, 1887                                 |
| Crib-bulkhead West Seventy-seventh and   |   | 22,967                            | ,                        |                                  |  |   |  |                       |  |   |
| Seventy-eighth streets, North river<br>Bulkhead south of West Seventy-ninth street   | Apr., 1887                              | 15,448                            |                          |                                  | 20 to 25                               | Contract No. 243  | 100. 23, 1007  |                       | Apr. 15, 1887  | In progress.                                  |
| North river  | July, 1886<br>July, 1886                | 2,963                             |                          |                                  | 10                                     | Treasurer's Order No. 11941   | Secretary's Order No. 5496<br>Secretary's Order No. 5496   | Union Dredging Co.    | July 20, 1886<br>July 19, 1886                                 | July 23, 1886<br>July 26, 1886                |
| North river<br>Pier foot West Seventy-ninth street, North river.<br>Bulkhead north of West Seventy-ninth street,   | July, 1880                              | 3,483                             |                          | •••••                            | IS                                     |   |  |                       |  |   |
| North river<br>Bulkhead between West One Hundred and<br>Twenty-ninth and One Hundred and Thir-   | July, 1880                              | 3,520                             |                          |                                  | 12                                     |   | Secretary's Order No. 5496   |                       | July 16, 1886  | July 19, 1886                                 |
| Twenty-ninth and One Hundred and Thir-<br>tieth streets, North river   | Dec., 1886<br>Jan., 1887                | 1,579<br>2,225                    | }                        |                                  | 15                                     | Treasurer's Order No. 12109   | Secretary's Order No. 6050   | "                     | Dec. 23, 1886  | Jan. 28, 1887                                 |
| Bulkhead at West One Hundred and Thirtieth   | Dec., 1886                              | 1,775                             | )                        |                                  |  | Tuessuum's Orden No. sesse  | Secretary's Order No. 6050   | "                     | Dec. 24, 1886  | Fab 00-                                       |
| street, North river  | Jan., 1887<br>Feb., 1887                | 1,775<br>576<br>421               | 3                        |                                  | 15                                     | Treasurer's Order 100.12110   |  |                       | 2000 24, 1000  | Feb. 3, 1887                                  |
| Pier 4, East river, east side }  | Feb., 1887<br>Mar., 1887                | 4,515<br>698<br>758<br>4,286      | }                        |                                  | 15                                     | Contract No. 233  | Resolution of Board, Oct. 6, 1886  | "                     | Feb. 19, 1887  | Mar. 8, 1887                                  |
| Bulkhead between Piers 4 and 5, East river   | Mar., 1887<br>Jan., 1887                | 758                               | ·····                    |                                  | IO                                     | Contract No. 233  | " " 6, "   | "                     | Mar. 2, 1887   | Mar. 2, 1887                                  |
| Pier 5, East river   | Feb., 1887                              | 5,250                             | {                        |                                  | 15                                     | Contract No. 233  | " " 6, "   | "                     | Jan. 25, 1887  | Mar. 9, 1887                                  |
| Bulkhead between Piers 5 and 6, East river   | Mar., 1887<br>Feb., 1887                | 3,399<br>2,956                    | ,                        |                                  | 10                                     | Contract No. 233  | " " 6, "   | "                     | Feb. 4, 1887   | Feb. 11, 1887                                 |
| (  | Dec., 1886<br>Jan., 1887                | 1,147                             | 1                        |                                  |  |   |  |                       |  |   |
| Pier 6, East river   | Jan., 1887<br>Feb., 1887<br>Mar., 1887  | 1,005                             | }                        |                                  | 15                                     | Contract No. 233  | " " 6, "   | "                     | Dec. 29, 1886  | Apr. 21, 1887                                 |
| nut the number of the second   | Apr., 1887                              | 758<br>646                        | )                        | 13                               |  | Troppurada Orden No.  | Secretary's Order No. 6187   | "                     | Fab an or  | Fab a co                                      |
| Bulkhead between Piers 18 and 19, East river   | Oct., 1886                              | 780                               | 1                        |                                  | 12                                     |   | Secretary's Order No. 5820   |                       | Feb. 22, 1887<br>Oct. 9, 1886                                  | Feb. 22, 1887<br>Nov. 20, 1886                |
|  | Nov., 1886                              | 1,162                             | }                        |                                  |  |   |  |                       |  |   |
| Pier 24, East river, east side and bulkhead {  | Oct., 1886                              | 3,335                             | }                        |                                  | 15                                     | Treasurer's Order No. 12013   | Secretary's Order No. 5821<br>Secretary's Order No. 5741<br>Secretary's Order No. 5500<br>Resolution of Board, Dec. 7, 1886<br>"1, " |                       | Sept. 30, 1886<br>Sept. 18, 1886                               | Oct. 5, 1886                                  |
| Pier 37, East river, east side   | Sept., 1886<br>Aug., 1886<br>Dec., 1886 | 446<br>502                        |                          |                                  | 15<br>10                               | Treasurer's Order No. 11995   | Secretary's Order No. 500  | "                     | Aug. 16, 1886<br>Dec. 15, 1886                                 | Sept. 18, 1886<br>Aug. 17, 1886               |
| Dump board, Pier 37, East river.<br>Pier 37, East river, east side<br>Pier 47, East river, or proposed new 32, East<br>river.                            | Dec., 1886<br>Apr., 1887                | 576                               | 971                      |                                  | 25 and 35<br>25                        | Treasurer's Orders<br>Treasurer's Orders  | Resolution of Board, Dec. 1, 1886  |                       | Dec. 15, 1886<br>Dec. 15, 1886                                 | } In progress.                                |
| Pier 46, East river  | Apr., 1887<br>Dec., 1886                | 2,046                             | }                        |                                  | 20                                     | Treasurer's Order No. 12132   | Secretary's Order No. 6001   | "                     | Dec. 27, 1886  | Jan. 6, 1887                                  |
| Pier 48, East river, west side<br>Pier 55, East river, south side  | Jan., 1887                              | 1,015 2,245                       | ·                        |                                  | 12                                     | Treasurer's Order No. 12121   | Secretary's Order No. 6092   |                       | Jan 7, 1887  | Jan. 18, 1887                                 |
| Pier 55, East river, south side<br>Bulkhead along Rivington street, East river   | Jan., 1887<br>Nov., 1886                | 4,527<br>1,025                    |                          |                                  | 25<br>10                               | Treasurer's Order No. 12126<br>Treasurer's Order No. 12081                                | Secretary's Order No. 6092<br>Secretary's Order No. 6087<br>Secretary's Order No. 5983   | "                     | Jan 7, 1887<br>Jan. 19, 1887<br>Nov. 22, 1886                  | Jan. 29, 1887<br>Nov. 25, 1886                |
| (  |   | 10.005                            | )                        |                                  | 15                                     | Contract No. 233  | Resolution of Board, Oct. 6, 1886  | "                     | Feb. 15, 1887  | Apr. 27, 1887                                 |
|  | Apr., 1887                              | 8,719<br>2,608                    | }                        |                                  | -5                                     |   |  |                       | 1001 13, 1007  |   |
| Dump board at East Seventeenth street, East<br>river<br>Foot East Eighteenth street, East river  | July, 1886<br>Feb., 1887                | 1,821                             |                          |                                  | 15<br>10                               | Treasurer's Order No. 11945   | Secretary's Order No. 5537<br>Secretary's Order No. 6147   | :                     | July 26, 1886<br>Jan. 31, 1887                                 | July 28, 1886<br>Feb. 3, 1887                 |
| Foot East Eighteenth street, East river<br>Dump board, East Twenty-second street, East   |   | 1,470                             |                          |                                  | IO                                     |   |  |                       |  |   |
| river<br>Bulkhead, East Thirtieth street, East river   | Aug., 1886<br>Aug., 1886                | 4,458<br>498                      |                          |                                  | 15                                     | Treasurer's Order No. 11967<br>Treasurer's Order No. 11960                                | Secretary's Order No. 5602<br>Secretary's Order No. 5569   | "                     | Aug. 3, 1886<br>Aug. 3, 1886                                   | Aug. 7, 1886<br>Aug. 3, 1886<br>(Aug. 2, 1886 |
| Bulkhead, East Inirtieth street, East river  |   | } 756                             |                          |                                  | 10                                     | Treasurer's Order No. 11961   |  | "                     | July 31, 1886  | Aug. 2, 1886                                  |
|  | Aug., 1880                              |                                   |                          |                                  |  |   |  |                       |  | (Aug. 2, 1886                                 |
| river<br>Bulkhead, East Forty-second street, East river<br>Bulkhead, East Firty-third street, East river<br>Bulkhead, East One Hundred and Sixth street, | Aug., 1886<br>July, 1886                | 528                               |                          | Rip-rap, 130                     | 15 to 20                               | Treasurer's Order No. 11964<br>Treasurer's Order No. 11959<br>Treasurer's Order No. 11857 | Secretary's Order No. 5603<br>Secretary's Order No. 5571<br>Secretary's Order No. 5351   |                       | Aug. 9, 1886<br>July 30, 1886                                  | Aug. 9, 1886                                  |
| Bulkhead, East Fifty-third sreet, East river   | July, 1886                              |                                   |                          | Rip-rap, 130                     | 15                                     | Treasurer's Order No. 11857   | Secretary's Order No. 5351   | "                     | July 30, 1886<br>July 29, 1886                                 | July 31, 1886<br>July 30, 1886                |
| Bulkhead, East One Hundred and Sixth street,<br>Harlem river   | Aug., 1886                              | 1,294                             |                          |                                  | 12                                     | Treasurer's Order No. 11972   | Secretary's Order No. 5640   | "                     | Aug. 13, 1886  | Aug. 14, 1886                                 |
| Harlem river.<br>Dump board, East One Hundred and Tenth<br>street, Harlem river.<br>Foot East One Hundred and Fourteenth street,                         | Aug., 1886                              | 1,312                             |                          |                                  | 15                                     | Treasurer's Order No. 11965   | Secretary's Order No. 5601   | "                     | Aug. 10, 1886  | Aug. 11, 1886                                 |
| Foot East One Hundred and Fourteenth street,   | Feb., 1887                              |                                   |                          | Sand and stone.                  | 15                                     |   | Secretary's Order No. 6146   | "                     | Jan. 31, 1887  | Feb. 3, 1887                                  |
| Harlem river   | 1007                                    |                                   |                          |                                  | -5                                     |   |  |                       | Jun 31, 1007   | 1 60. 3, 1007                                 |
| Totals   |   | 501,676                           | 6,680                    | Rip-rap, 306.<br>Sand and stone. |  |   |  |                       | 1. 12 19 . 20  |   |
| Forma Tan in a marked and  |   |                                   | 12.00                    | Sand and stone.                  | 1-10-100                               | the second start  | Martin Martine 2 Aug   | and the second        | and a strength   | 1 1 - 1231 -                                  |

#### THE CITY RECORD.

\$1,666 72 1 55 63 45 47 91 18 1/2 28 52

28 52 4,148 082/3 6 801/4 1,491 71

\$8,581 1734 9,459 77

\$18,040 9434

## Statement of Dredging done during the Year ending April 30, 1887, by Lessees and Owners, by order or under Permit of the Board.

| LOCATION.  | DEPTH OF<br>WATER MADE<br>AT<br>MEAN LOW<br>WATER. | AUTHORIZATION.  | By WHOM PERFORMED.   | WHEN BEGUN.   | WHEN<br>FINISHED.   |
|--|--|---|--|---|---|
| North River.   | Feet.  |   |  |   |   |
| Pier, old 27<br>Pier, new 34. south side.<br>Pier, new 35.<br>West Fourteenth street Ferry premises  | 25 to 33<br>25                                     | Under permit  | Ocean Steamship Company<br>Pacific Mail Steamship Company<br>Ocean Steamship Company<br>Hoboken Land and Improvement Company                             | Nov. 15, 1886<br>Apr. 15, 1887                                  | Mar. 24, 1883<br>Nov. 18, 1886<br>In progress.<br>( Temporarily                                 |
| Bulkhead between West Twenty-second and West Twenty-third streets.<br>Bulkhead, ec., coult of West Thirtieth street<br>Between West Forty-first and West Forty-second street.<br>Pier at West Forty-ninth street.<br>Bulkhead between West Forty-ninth and West Fittieth streets | 15<br>5 to 10                                      | By order of Board<br>Under permit<br>Under permit.<br>Under permit. | New York, Lake Erie and Western Railroad Company<br>Alleged owners<br>Consolidated Gas Company<br>Table John Schless Conservation<br>James Gilles & Sons | Nov. 22, 1886<br>Sept. 16, 1886<br>May 25, 1886<br>Nov. 6, 1886 | suspended.<br>Nov. 22, 1886<br>Sept. 29, 1886<br>June 9, 1886<br>Nov. 10, 1886<br>Nov. 12, 1886 |
| East River.  |  |   |  |   |   |
| Half bulkhead west of Pier 27<br>Piers 29 and 28<br>Bulkhead hereveen Piers 27 and 28<br>Piers 27 and 28<br>Piers 26<br>Half bulkhead east of Pier 28.   | 15<br>20<br>15<br>20<br>20<br>15                   | By order of Board   | Alleged owners   | June 10, 1886   | Oct. 15, 1886   |
| Pier 29  | 25   | Under permit  | W. P. Clyde  | May 11, 1836  | { Temporarily suspended.  |
| Between Piers 39 and 40<br>East Twenty-nmith street dump<br>East Twenty-nmith street dump<br>East Forty-ninth street dump  | 10 to 20<br>13 to 15<br>15<br>10                   | Under permit  | Screw Dock Company<br>M. Goodwin<br>M. Goodwin<br>M. Goodwin   | May 7, 1886<br>Apr. 8, 1887                                     | May 12, 1886<br>May 20, 1886<br>Apr. 11, 1887<br>Apr. 12, 1887                                  |
| Harlem River.  |  |   |  |   |   |
| Bulkhead foot Second avenue<br>Ferry slip south of High Bridge   | 13 to 20<br>6 to 10                                | Under permit<br>Under permit  | Manhattan Railroad Company<br>New York City and Northern Railroad Company  | Dec. 15, 1886<br>Jan. 31, 1887                                  | Dec. 15, 1886<br>Feb. 2, 1887   |
| One Hundred and Fifty-ninth street   | 10   | Under permit  | James J. Coogan.   | Feb. 2, 1887  | Work tem-<br>porarily sus-<br>pended.   |

Report of Stock on hand, Purchased, Fabricated, received from Sections, and issued, at West Issued to the following sections : Fifty-seventh Street Yard, during the Year ending April 30, 1887.

| Amount of Stock on hand May 1, 1886.<br>Purchased from May 1, 1886, to April 30, 1887.<br>Purchased (no bill)<br>Received from Section south 23d street, N. R.<br>Fabricated "Tool account" | \$7,090 0034<br>7,847 98<br>276 70<br>120 45<br>63 48 | General Repairs.<br>West Fifty-seventh Street Yard.<br>Tool Account.<br>East Seventeenth Street Yard.<br>Surveyors.<br>Section north of Twenty-third street, N. R.<br>Pier A, N. R.<br>Concrete Block account. |
|---|---|--|
| Total to be accounted for   | \$18,040 9434   |  |
| Issued to the following sections :  |   | Total<br>Balance on hand April 30, 1887  |

Issued to the following sections : Floating Property. Sections south of Twenty-third street, N. R.

\$930 05<sup>3</sup><sub>10</sub> 117 00

Statement of Granite on hand at East Seventeenth Street Yard, May 1, 1887.

| HEADERS AND STRETCHERS CUT. | Contract or Treasurer's<br>Order, Number<br>Furnished Under. | DATE OF<br>CONTRACT OR<br>TREASURER'S<br>ORDER.              | MAY 1, 1000,  | RETURNED<br>FROM<br>WORKS.<br>CUBIC FEET. | Issued to<br>Works,<br>Cubic Feet. | ON HAND<br>MAY 1, 1887.<br>CUBIC FEET.   | AUDITED<br>PRICE<br>PER CUBIC<br>FOOT.  | Amount.  | Remarks.   |
|-----------------------------|--|--|---|---|------------------------------------|--|---|--|--|
| Headers and Stretchers, cut | "  | Nov. 7, 1879<br>4.13, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, | 37-77<br>45-30<br>16.00<br>903.90<br>149.05<br>116.00<br>142.48<br>33.00<br>62.50<br>423.60<br>83.60<br>83.60<br>83.60<br>83.60<br>439.60<br>439.60<br>439.60<br>439.60<br>457.75<br>442.40 | 167.82<br>28.97<br>196.79                 | 586.54<br>2,708.82<br>554-67       | 34.77<br>45.39<br>34.60<br>18.00<br>317.66<br>149.65<br>116.00<br>142.48<br>33.00<br>62.56<br>31.67<br>33.07<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81.60<br>81 | \$0 50<br>5976<br>5416<br>55<br>55<br>55<br>55<br>55<br>55<br>55<br>55<br>55<br>5 | \$16 38<br>27 14<br>18 67<br>270 01<br>166 61<br>128 89<br>55 57<br>12 87<br>38 77<br>20 39<br>761 75<br>257 28<br>48 264 34<br>404 45<br>823 05<br>265, 20<br>\$12,037 85 | Cutting, after receipt, 91 cents per cubic foot additiona<br>Cutting, after receipt, \$1.41 per cubic foot additional. |

Work Done by Alleged Owners and Lessees of Piers and Others, by Order or UNDER PERMIT of the Board of Docks, and Under the Supervision of the Engineer.in-Chief.

## ON THE NORTH RIVER.

#### Castle Garden Pier, at Battery, N. R.

Secretary's Order No. 5261. – Repairs were made to landby, Int. N. the N. Y., L. E. and Western Railway Co., under permit of the Board. Begun May 3 and finished May 6, 1886. Secretary's Order No. 6249. – Thorough repairs to platform and shed were made in accordance with plans and specifications submitted, by Commissioners of Emigration, under permit of the Board. Begun March to and finished April 29, 1887. Secretary's Order No. 6440. – 30 ak piles were driven about 20 feet from Castle Garden wharf, by Commissioners of Emigration, under permit of the Board. Begun and finished April 29, 1887.

#### Pier, new I, N. R.

Secretary's Order No. 5411.—4 oak spring fender piles on the north side, and 2 on the south side, were driven and chocked by the New York Central and Hudson River Railroad Company, by order of the Board. Begun Iune 19 and finished June 21, 1886. Secretary's Order No. 5669.—On the north side of Pier 2 oak fender piles were driven and fastened, and others repaired; chocks were put on, backing log on outer northerly corner was repaired, and 4 new oak piles driven in group, by Iron Steamboat Company, by order of the Board. Begun November 30 and finished December 17, 1886. Secretary's Order No. 5424.—The asphalt pavement on the surface of the pier was repaired by the Iron Steamboat Company, by order of the Board. Begun and finished December 19, 1886.

#### Pier 1, N. R.

Secretary's Order No. 5384.—1 oak spring pile was driven and fastened, and others refastened with chain on outer northerly corner, by Pennsylvania Railroad Company, under permit of the Board. Begun May 20 and funished May 25, 1886. Secretary's Order No. 6264.—Repairing of damage done to sheathing, at outer end of pier, by the tug "America," by Pennsylvania Railroad Company, under permit of the Board. Begun March 18 and finished March 26, 1887.

#### Bulkhead between Piers 2 and 3, N. R.

Secretary's Order No. 5698. – Bulkhead platform between the piers was extended, and tempo-rary shed was built on same by the Lehigh Valley Railroad Company, under permit of the Board. Begun September 4 and finished December 6, 1886. Secretary's Order No. 5972. – The pavement at entrance was repaired by the Lehigh Valley Railroad Company, under permit of the Board. Begun November 1 and finished November 9, 1886.

#### Pier 3, N. R.

Secretary's Order No. 5415.—The deck was resheathed from bulkhead line to entrance to shed with 4-inch spruce plank by F. Alexander & Sons, under permit of the Board. Begun June 1 and finished June 9, 1886. fir

Pier 6, N.R.

Secretary's Order No. 6342.—Spring piles driven and backing log at outer end of pier repaired by F. R. Bonnell, under permit of the Board. Begun April 11 and finished April 13, 1887.

#### Bulkhead at Rector street, N.R.

Secretary's Order No. 6008.—Sewer is being extended through the bulkhead by Department of Public Works, under permit of the Board. Begun December 6, 1886 ; in progress.

#### Pier 9, N.R.

Pter 9, N.R. Secretary's Order No. 6229.—Repairs are being made by the Cromwell Steamship Company, under permit of the Board. Begun March 21, 1887; in progress. Secretary's Order No. 6327.—Sheds are being erected on Pier 9 and platform between Piers 8 and 9. North River, bythe Cromwell Steamship Line, under permit of the Board. Begun March 29, 1887; in progress. Secretary's Order No. 6304.—Driving of about 30 bearing piles within existing lines at inner end of pier by Cromwell Steamship Line, under permit of the Board. Begun March 30 and finished April 6, 1887. Secretary's Order No. 6307.—Damage dens ha for

April 0, 1807. Secretary's Order No. 6307.—Damage done by fire repaired by William Cruikshank, under permit of the Board. Begun April 11 and finished April 30, 1887.

#### Pier 11, N.R.

Secretary's Order No. 5208.—10 bearing piles and 10 spring piles were driven, chocked and fastened, rangers repaired and new 5-inch yellow pine deck put on by Metropolitan Steamship Company, under permit of the Board. Begun April 24 and finished May 20, 1886. Secretary's Order No. 6400.—8 oak piles replaced and 4 bearing piles driven by Metropolitan Steamship Company, under permit of the Board. Begun April 18 and finished April 26, 1887.

#### Piers 12, 13, 14 and 15, N.R.

Secretary's Order No. 5125.—Making necessary repairs to ferry racks, longitudinal fendering, caps repaired, chocks put on, confined to existing lines by Philadelphia and Reading Railroad Company, to whom permit was granted. Begun March 15 and finished November 20, 1886.

#### Pier 16, N. R.

Secretary's Order No. 6003.—About 12 fender piles placed and driven within existing lines by Pennsylvania Railroad Company, under permit of the Board. Begun November 25 and finished December 5, 1886.

#### DECEMBER 2. 1887.

#### THE CITY RECORD.

#### Pier 18, N. R.

Secretary's Order No. 5006.—Repairs to north side of pier are being made by alleged owners, by order of the Board. Begun October 16, 1886 ; in progress. Secretary's Order No. 6207.—Alterations to the shed on pier are being made by John H. Starin, under permit of the Board. Begun April 16, 1887 ; in progress.

Bulkhead Platform between Piers 21 and 23, N. R. Secretary's Order No. 5615.-11 oak spring piles driven and fastened in front of bulkhead by lessees, by order of the Board. Begun September 13 and finished September 15, 1886.

## Approach to Pier, old 23, N. R.

Secretary's Order No. 5343 .-- Sheathing on deck of approach was repaired by Department of Public Works jointly with lessee, by order of the Board. Begun May 11 and finished May 17,

#### Pier, old 23, N. R.

Secretary's Order No. 6332.—Repairing damage to outer northerly corner of pier by Buck & Styles, under permit of the Board. Begun March 30 and finished April 5, 1887.

#### Pier, old 24, N.R.

Secretary's Order No. 5998.—Removed and replaced old piles with new ones on outer north corner, by New Brunswick, Amboy & New York Steamboat Company, under permit of the Board. Begun March 30 and finished April 5, 1887. Secretary's Order No. 6563.—The sheathing on deck.was repaired by owners of north half and lessees of south half, by order of the Board. Begun April 21 and finished April 28, 1887. Secretary's Order No. 6426.—Movable platform erected on wooden horses on south side of pier by Glascoe Ice Company, under permit of the Board. Begun April 27 and finished April 29, 1887.

#### Ferry foot of Barclay Street, N. R.

#### Piers, old 25 and 27, N.R.

Secretary's Order No. 6129.—Repairs were made to the piers and to the bulkhead between, in accordance with specifications submitted by New York Central & Hudson River Railroad Company, under permit of the Board. Begun January 17 and finished February 19, 1887.

#### Pier, old 27 (south side), N. R.

Secretary's Order No. 5221.-9 spring piles and 5 bearing piles were driven and repairs to sheathing, side caps, etc., made by New York & Charleston Steamship Company, under permit of the Board. Begun April 19 and finished July 30, 1886.

#### Pier. old 28. N. R.

Pier, old 28, N. R. Secretary's Order No. 5456.—The platform on the north side of the pier was extended and shedded over by the Old Colony Steamboat Company, under permit of the Board. Begun June 17 and finished September 25, 1886. Secretary's Order No. 5721.—12 oak spring piles replaced on the outer southerly corner of the pier by the Old Colony Steamboat Company, under permit of the Board. Begun September 13 and finished September 15, 1886. Secretary's Order No. 6290.—7 spring piles driven on north side and 6 spring piles on south side by the Old Colony Steamboat Company, under permit of the Board. Begun March 30 and finished March 24, 1887. Secretary's Order No. 5843.—Sewer outlet extended by the Old Colony Steamboat Company, under permit of the Board. Begun March 25 and finished April 11, 1887.

#### Bulkhead between Piers, old 28 and 29, N.R.

Secretary's Order No. 6151.—A platform on piles in front of the bulkhead was built by the Old Colony Steamboat Company, and a shed is being built thereon, under permit of the Board. Begun February 18, 1887; work in progress. Secretary's Order No. 6152.—A platform on piles in front of the bulkhead was built by the Stonington Steamboat Company, under permit of the Board. Begun February 28 and finished March 30, 1887.

#### Pier, old 29, N. R.

Prev. old 29, N. K. Secretary's Order No. 5309.—Deck of pier and small bulkhead adjoining sheathed by Provi<sup>\*</sup> dence Line, under permit of the Board. Begun April 26 and finished May 31, 1886. Secretary's Order No. 6190.—2 white oak spring piles on outer north corner of pier replaced by New York, Lake Erie and Western Railway Company, under permit of the Board. Begun Feb-ruary 14 and finished February 17, 1887. Secretary's Order No. 6297.—The platform adjoining the south side of the pier was extended by the Providence and Stonington Steamship Company, under permit of the Board. Begun March 10 and finished March 24, 1887. Secretary's Order No. 6315.—6 new oak fender piles replaced and fastened by Providence Line, under permit of the Board. Begun March 28 and finished March 29, 1887.

#### Pavonia Ferry.

Secretary's Order No. 5264.—The ferry rack was repaired by the New York, Lake Erie and Western Railway Company, under permit of the Board. Begun May 17 and finished May 27, 1886.

#### Foot of Chambers Street, N. R.

Secretary's Order No. 5924.—Railroad tracks were laid on the new-made land by the Cham-bers and Grand Street Railroad Company, under permit of the Board. Begun December 16, 1886, and finished January 22, 1887. Secretary's Order No. 5937.—Railroad tracks were laid on the new-made land by the Houston, West Street and Pavonia Ferry Company, under permit of the Board. Begun December 16, 1886, and finished January 22, 1887.

#### Piers, new 20 and 21, N.R.

Secretary's Order No. 5867.—Necessary repairs, consisting of new armature plates and refas tening of fenders, were made by New York, Lake Erie & Western Railway Company, by order of the Board. Begun October 20 and finished December 18, 1886.

#### Pier. new 21. N.R.

Secretary's Order No. 6343.—Spring piles on the northwest corner of the pier were fastened by the New York, Lake Erie & Western Railroad Company, by order of the Board. Begun and fin-ished April 1, 1887.

#### Pier, old 33, N. R.

Pier, old 33, N. R.
 Secretary's Order No. 4449.—An extension on piles on the southerly side of the pier at its inner end was constructed, by Providence and Stonington Steamship Company, under permit of the Board.
 Begun June 11, 1885; 21 finsished but erection of shed.
 Secretary's Order No. 478.—The sheathing was repaired by the New York, West Shore and Buffalo Railway Company, by order of the Board. Begun February 6, 1886; suspended.
 Secretary's Order No. 4010.—9 feet of the old backing log on the south side of the pier, close to the outer end of shed, was cut away be catskill Evening Line, under permit of the Board.
 Begun and inished July 1, 1886.
 Secretary's Order No. 542. Repairs made by New York Central and Hudson River Rail-toad Company, lessees of West Shore and Buffalo Railroad Company, by order of the Board.
 Begun October 12 and finished October 16, 1886.
 Secretary's Order No. 548.—Damage done to pier by a ferryboat of the New York, West Shore and Buffalo Railroad Company, by order of the Board.
 Begun March 26 and finished June 5, 1886.
 Secretary's Order No. 5412.—Door on outer end of pier repaired by Catskill Evening Line, by order of the Board.

#### Bulkhead south side of Pier, old 34, N. R.

Secretary's Order No. 5660.—The pavement in front of bulkhead was repaired by the New York, West Shore and Buffalo Railroad Company, by order of the Board. Begun and finished September 2, 1886.

#### Pier, old 34, N. R.

Prev, eld 34, N. K.
Secretary's Order No. 5529.—2 spring piles and 2 bearing piles were driven, chocked and fastened; and 2 bearing piles were replaced on the south side of the pier by the lessees, by order of the Board. Begun July 16 and finished July 17, 1886.
Secretary's Order No. 5666.—The sheathing on the deck was repaired with 3-inch spruce by New York, West Shore and Buffalo Railroad Company, by order of the Board. Begun August 23 and finished August 27, 1886.
Secretary's Order No. 5202.—The backing log was repaired, new fender and bearing piles driven, old stumps of piles pulled, and sheathing on deck repaired, all on the south side of the pier, by New York Central and Hudson River Railroad Company, by order of the Board. Begun March 30 and finished April 11, 1887.
Secretary's Order No. 6333.—Damage done to northerly side by a boat of the West Shore Railroad Company was repaired by lessees, by order of the Board. Begun April 4 and finished April 7, 1887.

Bulkhead between Piers, old 34 and 35, N. R.

Secretary's Order No. 5307.—The pavement was repaired by alleged owner, by order of the rd. Begun May 13 and finished May 20, 1886. Board.

#### Bulkhead between Piers, old 35 and 36, N. R.

Secretary's Order No. 5993. —The pavement in front of the northerly half of bulkhead was repaired by Louisiana and Texas Railroad and Steamship Company, by order of the Board. Begun November 18, 1886, and finished April, 1887.

Bulkhead Platform south of Pier, old 36, N. R.

Secretary's Order No. 6216.—Sheathing on deck repaired by Louisiana and Texas Railroad and Steamship Company, by order of the Board. Begun April 13 and finished April 19, 1887.

## Pier, new 27, N. R.

Secretary's Order No. 5144.—Two partitions built of wood covered with tin, with openings 46 teet wide by 15 feet 5 inches high, provided with steel rolling shutters, were erected across the pier, one about 180 feet from the outer end and the other about 368 feet from the outer end, by the Pennsylvania Railroad Company, under permit of the Board. Begun April 4 and finished Novem-ber 13, 1886.

Secretary's Order 6021.—The longitudinal fendering was renewed with 7" x 10" white oak by the Pennsylvania Railroad Company, by order of the Board. Begun December 13 and finished December 17, 1886.

#### Bulkhead between Piers, new 27 and 28, N. R.

Secretary's Order No. 5080.—A shed on the bulkhead between piers was built by the Pennsyl-vania Railroad Company under permit of the Board, in accordance with plans and specifications approved by the Board. Begun March 12 and finished November 13, 1886. Secretary's Order No. 5051.—The bulkhead was partly paved by the Pennsylvania Railroad Company, under permit of the Board. Begun October 25, 1886; in progress.

#### Pier, old 39, N. R.

Secretary's Order No. 6330.—Pier extended by A. Van Santvoord, under permit of the Board. Begun April 14 and finished April 29, 1887.

#### Bulkhead north of Pier, old 39, N. R.

Secretary's Order No. 6160.-2 old oak fender piles were pulled, 2 new ones driven in place thereof and about 30 feet of ribbon piece was repaired by Pennsylvania Railroad Company, by order of the Board. Begun January 28 finished February 1, 1887.

#### Ferry at Desbrosses Street, N. R.

Perry at Desbrosses Street, N. R. Secretary's Order No. 523.—Ferry-rack and piling repaired by Pennsylvania Railroad Com-pany, under permit of the Board. Begun April 30 and finished May 15, 1886. Secretary's Order No. 6114.—Approaches, capping, string-pieces and planking of bulkhead platform repaired by Pennsylvania Railroad Company, under permit bit the Board. Begun Decem-ber 6, 1886, and finished January 16, 1887. Secretary's Order No. 6272.—Platform on north side repaired by splicing side cap, driving, bearing and fender piles, etc., by Pennsylvania Railroad Company, by order of the Board. Begun March 28 and finished April 1, 1887.

#### Piers, old 40 and 41. N. R.

Secretary's Order No. 6337.—Sheathing patched and pavement repaired by People's Line of mers, under permit of the Board. Begun March 30 and finished April 26, 1887. stean

#### Pier. old 41. N. R.

Secretary's Order No. 5663.—Flagging raised in front of pier west of telegraph pole, by Albany Evening Line, under permit of the Board. Begun August 23 and finished August 27, 1886.

#### Pier, new 35, N. R.

Secretary's Order No. 5921.--7 fender piles were driven on southwest corner of pier, by Ocean Steamship Company, under permit of the Board. Begun and finished November 2, 1886. Secretary's Order No. 6431.--A new pier is being built on the site of Pier, new 35, North river, by the Ocean Steamship Company, under resolution of the Board of June 6, 1883. Begun April 4, 1887; in progress.

#### Bulkhead at Pier, new 37, N.R.

Secretary's Order No. 5530.—Shed from the middle of the bulkhead between Piers, new 36 and 37, to middle of the bulkhead between Piers, new 37 and 38, North river, was nearly completed (before the fire on Pier, new 37, North river, February 28, 1887), by C. P. Huntington, lessee, under permit of the Board. Begun September 13, 1886; said shed was built in accordance with plans and specifications approved by the Board. Secretary's Order No. 6086.—Iron chocks and bits were connected to the coping inside of the new iron shed, by Morgan's Louisan and Texas Railroad and Steamship Company, under permit of the Board. Begun December 6, 1886, and finished February 27, 1887.

#### Pier, new 40, N. R.

Secretary's Order No. 6250.—Four iron mooring bits are being placed on the south side of the pier by Messrs. Vernon H. Brown & Co., under permit of the Board. Begun April 14, 1887; in

progress. Secretary's Order No. 6305.—A piece of horizontal fender on south side of pier replaced, by Cunard Steamship Company, by order of the Board. Begun April 13 and finished April 20, 1887.

#### Pier, new 41, N.R.

Secretary's Order No. 5515.—Iron mooring posts on north side, outer end of pier, replaced by State Line of steamboats, by order of the Board. Begun July 7 and finished July 13, 1886.

#### Bulkhead at Pier, new 41 N. R.

Secretary's Order No. 5967.—A shed extending from half-way between Piers 40 and 41 to half-way between Piers 41 and 42 is being erected by the Delaware, Lackawanna and Western Railroad Company, under permit of the Board. Begun April 14, 1887 ; in progress.

#### Slip between Piers, new 41 and 42. N. R.

Secretary's Order No. 5514.—Sunken canal boat, "A. Roberts," was raised and towed to Hoboken, N. J., by consignees Berwin, White & Co., by order of the Board. Begun July 2 and finished July 3, 1886. Secretary's Order No. 5646.—Sunken canal boat, "May Queen," was raised and towed to Jersey flats by alleged owners, by order of the Board. Begun August 17 and finished September 3, 1886.

#### Pier, new 42, N. R.

Secretary's Order No. 5414-Alterations in sides of shed on the pier to conform to the hatches the steamers are being made by the Compagnie Generale Transatlantique under permit of the ard. Begun June 6, 1886 ; this work is in progress.

#### Pier, new 43, N. R.

Secretary's Order No. 5265.—Two doorways were cut on the south side of the pier, one 11 feet 6 inohes wide, about 153 feet west of the bulkhead wall, and the other about 31 feet 6 inches wide, about 81 feet east of the outer end of the pier. Both doorways were fitted with hanging doors and covered with galvanized iron, and the side posts were protected with angle iron. A water meter

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as put in 9 feet west of the inshore face of the shed and connected with the water main, all by the nchor Line Steamship Company, under permit of the Board. Begun April 22 and finished Sep-

Anchor Line section, provide the state of the section of the secti Secretary's Order No. 5231. – Damage to shed repaired and wire rope fastenings of 4 spruce fender piles replaced by National Line of Steamers, by order of the Board. Begun April 26 and finished May 1, 1886. Secretary's Order No. 5953. – Changes made in office on north side of pier, and portable platform erected as per plans submitted by lessee, under permit of the Board. Begun November 1 and finished November 9, 1886.

finished November 9, 1886. Secretary's Order No. 6172.—A telegraph instrument placed in the office on the south side of pier, by Police Department, under permit of the Board. Begun and finished January 24, 1887.

## Christopher Street Ferry and Pier, new 44, N. R.

Secretary's Order No. 5498.—The south ferry rack was repaired by driving 12 new oak piles, and putting a few new pieces of oak plank in the upper waling piece; in the centre a few new pieces of oak plank were put in and 33 oak piles driven; the north ferry rack was entirely rebuilt, 72 oak piles being driven, and new sheathing and waling pieces put in throughout; the south-west corner of Pier, new 44, North river, was cut off on a diagonal line 17 feet in length; same built up with yellow pine timber and new iron corner bands put on. All by the Hoboken Land and Improvement Company, under permit of the Board. Begun July 24 and finished September 10, 1886. 10 1886

#### Bulkhead between Piers, new 44 and 45, N. R.

Secretary's Order No. 5772.-Backing log replaced by Oceanic Steam Navigation Company, by order of the Board. Begun October 12 and finished October 18, 1886.

## Bulkhead north of Pier, new 45, N. R.

Secretary's Order No. 5863.—Backing log repaired by Oceanic Steam Navigation Company, by of the Board. Begun October 12 and finished October 18, 1886. order

#### Pier, new 46, N. R.

ury's Order No. 6436.—Water pipes altered and water meter placed on the pier by the actific Company, under permit of the Board. Begun April 29 and finished April 30 Southern Pa

#### Pier, new 47, N.R.

Secretary's Order No. 6023.—Repairs, including new armature plates, 3 new oak fender piles and 6 new bearing piles, and patching and chocking, were made by Quebec Steamship Company, by order of the Board. Begun December 8, and finished December 28, 1886.

#### Bulkhead north of Pier, old 54, N.R.

Secretary's Order No. 5832.-Surface of bulkhead repaired by alleged owners, by order of the Board. Begun and finished October 12, 1886.

#### Bulkhead south of and adjoining Pier at Bethune Street, N. R.

Secretary's Order No. 5916.—Damage done by steamer "Gulf Stream," repaired by T. Decker & Co., by order of the Board. Begun October 20 and finished October 22, 1886.

#### Pier at Horatio Street, N.R.

Secretary's Order No. 5451.—Temporary ice bridge (on movable horses) was erected on outer of pier, by Consumers' Ice Company, under permit of the Board. Begun June 3 and finished end of pier, by Consu June 4, 1886. Bulkhead between Bogart and Bloomfield Streets, N. R.

Secretary's Order No. 5746.—Dumping board erected by J. A. Bowker, under permit of the d. Begun September 16 and finished September 18, 1886. Board.

#### Bulkhead north of Thirteenth Street, N. R.

Secretary's Order No. 5016.—About 120 feet of bulkhead north of pier rebuilt from low water up, by alleged owners, by order of the Board. Begun April 12 and finished May 17, 1886.

#### Bulkhead between Thirteenth and Fourteenth Streets, N. R.

Secretary's Order No. 6319.—Ice platform erected on northerly half by English & Best, under permit of the Board. Begun April 26 and finished April 28, 1887.

#### Ferry at West Fourteenth Street, N.R.

Secretary's Order No. 4073. - New ferry premises at foot of West Fourteenth street, N. R., were built by Hoboken Land and Improvement Company, under permit of the Board. Begun on or about December 31, 1884, and finished and first used May 3, 1886. Secretary's Order No. 5870. - Ferry racks extended by Hoboken Land and Improvement Company, under permit of the Board. Begun October 12 and finished October 27, 1886.

#### Bulkhead south side of Fifteenth Street, N. R.

Secretary's Order No. 6320.-Half round oak fenders were put on and 4 spring piles driven and fastened, by Glascoe Ice Company, under permit of the Board. Begun March 24 and finished April 29, 1887.

## Bulkhead between Fifteenth and Sixteenth Streets, N.R.

Secretary's Order No. 5404.-Repaired by alleged owner, by order of the Board. Begun August 2 and finished August 18, 1886.

## Bulkhead at Twenty-first Street, N. R.

Secretary's Order No. 5661.—A cast-iron pipe through southeast corner of bulkhead was removed by Lumber Auction Company, under permit of the Board. Begun August 31 and finished September 3, 1886. Pier at Twenty-first Street, N. R.

Secretary's Order No. 5377. —A gangway was cut by lessee, under permit of the Board. Begun May 19 and finished May 22, 1886 Secretary's Order No. 5346.—Deck and sheathing were patched with 3-inch spruce by lessees, by order of the Board. Begun May 19 and finished May 22, 1886.

#### Pier at Twenty-second Street, N. R.

Secretary's Order No. 5356.—4 oak fender piles were driven, chocked and fastened, at outer end of pier, by D. T. Van Santvoord, under permit of the Board. Begun and finished May 1, 1886. Secretary's Order No. 5263.—3 spring piles were driven, chocked and fastened, by New York, Lake Erie and Western Railway Company, under permit of the Board. Begun May 18 and finished May 21, 1886. Secretary's Order No. 5974.—Repairs were made by Van Santvoord, under permit of the Board. Begun November 30, 1886, and finished April 11, 1887. 36. York,

#### Ferry at West Twenty-third Street, N. R.

Secretary's Order No. 4937.—The ferry-house was repaired and painted by the New York, Lake Erie and Western Railway Company, under permit of the Board. Begun November 30, 1885, and finished November 13, 1886. Secretary's Order No. 6010.—A new platform was built south of Twenty-third street by the New York, Lake Erie and Western Railway Company, under permit of the Board. Begun November 17, 1886, and finished March 17, 1887.

#### Pier, new 54, N. R.

Secretary's Order No. 6159.—2 pole derricks were erected, and a boiler and hoisting engine are to be erected by Messrs. Sanderson & Son, under permit of the Board. Begun June, 1886; in progress

# progress. Secretary's Order No. 6255.—Iron mooring post replaced on outer end of pier by the Wilson Line of Steamers, under permit of the Board. Begun March 26 and finished March 28, 1887.

#### Pier, new 55, N. R.

Secretary's Order No. 5597.-2 boilers of 60 horse-power each; 6 hoisters for cargo, and 2 ters for coal are being placed on the pier by Messrs. Pim, Forwood & Co., under permit of the rd. Begun October 5, 1886; in progress. hoisters Board.

#### Pier, new 57, N. R.

secretary's Order No. 5360.—1 fender was refastened by Pennsylvania Railroad Company by of the Board. Begun May 17 and finished May 19, 1886.

Secretary's Order No. 5434.—Temporary stanchions were erected and connected with irr chains inclosing the space in front of the berth of the steamer "Minnesota," by Commander Kan-under permit of the Board. Begun and flich-led June 25, 1886.

## Pier foot of West Twenty-ninth Street, N. R.

Secretary's Order No. 5781.--Decayed pile replaced with new ones; new rangers and deck put on, and fender piles driven by Dunbar Box and Lumber Company, under permit of the Board. Begun September 22 and finished October 11, 1886.

#### North side of West Thirtieth Street, N. R.

Secretary's Order No. 6215.—Filling in strip of land under water, north side of West Thirtieth streact, is being done by Mr. Robert Ray Hamilton, attorney, under permit of the Board. Begun March 15, 1887; in progress.

Bulkhead between Thirty-fifth and Thirty-sixth Streets, N. R.

Secretary's Order No. 6326.-Bulkhead and shed thereon were repaired by Pennsylvania Rail-road Company, under permit of the Board. Begun March 31 and finished April 15, 1887.

#### Pier at Thirty-nin'h Street, N. R.

Secretary's Order No. 6076.-6 oak fender piles were driven by Wm. Montgomery & Co., under permit of the Board. Begun December 2 and finished December 3, 1886.

#### Bulkhead south of Pier at West Fortieth Street, N. R.

Secretary's Order No. 6180.—Repairs are being made by John R. McPherson. Begun Feb-ruary 15, 1887; in progress. Secretary's Order No. 6263.—A portable engine was erected thereon by J. R. McPherson, under permit of the Board. Begun March 28 and finished April 9, 1887.

#### Ferry at West Forty-second Street, N. R.

Secretary's Order No. 5124.—The bulkhead, pile platform, racks, etc., were repaired by New York Central and Hudson River Railroad Company, lesse of West Shore and Ontario Terminal Company, under permit of the Board. Begun March 15 and finished May 3, 1886.

#### Approach to Pier at Forty-fourth Street, N. R.

Secretary's Order No. 5527.—Sewer was repaired by Department of Public Works, under permit of the Board. Begun July 12 and finished July 22, 1886.

## Pier at West Forty-sixth Street, N. R.

Secretary's Order No. 4967. - The backing log at the outer end of the pier was repaired by John H. Starin. Begun July 20 and finished July 22, 1886.

## Bulkhead north of Fier at Forty-sixth Street, N. R.

retary's Order No. 5540.—Bulkhead was repaired by Robert Gordon, under permit of the Begun July 19 and finished July 23, 1886. Board.

## Bulkhead Platform between Forty-sixth and Forty-seventh Streets, N. R.

secretary's Order No. 5742.—Repairs were made by order of the Baard. Work on the swas done by Robert Gordon. Begun September to and finished September 15, 1886. V e north half was done by Barber Asphalt Company. Begun November 30 and fini mber 2, 1886.

# Secretary's Order No. 5132.—Rubble retaining wall and filling deposited in rear of same by John and James C. Gillies, under permit of the Board. Begun March 27 and finished July 24, 1886.

## Pier at Fifty-first Street, N. R.

Secretary's Order No. 6038. --Hoisting post moved from east to west side of ice platform, and platform extended by Kennedy, Rheinhart & Co., under permit of the Board. Begun November 24 and finished November 29, 1886.

#### Bulkhead between Fifty-first and Fifty-second Streets, N. R.

Secretary's Order No. 5897.—A platform on piles erected at bulkhead, in accordance with plans and specifications filed by George H. Brown, executor, under permit of the Board. Begun October 22 and fuished December 23, 1886.

#### Bulkhead between Fifty-second and Fifty-third Streets, N. R.

Secretary's Order No. 6026 -- 2 spring piles were driven at bulkhead by Bishop & O'Donnell, er permit of the Board. Begun November 26 and finished November 27, 1886.

# Bulkhead at Fifty-fifth Street, N.R.

Secretary's Order No. 6116.—6 fender piles were driven on south side by Canda & Kane, under permit of the Board. Begun December 22 and finished December 23, 1886.

#### Pier at Sixty-fourth Street, N. R. (Pier "D.")

Secretary's Order No. 5140.—1 bearing pile and 1 fender pile were driven and fastened by New York Central and Hudson River Railroad Company, under permit of the Board. Begun April 14 and finished May 4, 1886.

### Pier between Sixty-seventh and Sixty-eighth Streets, N. R. (Pier "G.")

Per vertueen stary-stream and stary-eigent stream, A. A. (1167-00-7) Secretary's Order No. 5140--15 fender piles were driven and fastened by New York Central and Hudson River Railroad Company, under pernit of the Board. Begun April 14 and finished Sceretary's Order No. 6019.- New armature plates were placed on the upper corner (outer) of the pier by New York Central and Hudson River Railroad Company, under permit of the Board. Begun December 15 and finished December 29, 1886. Secretary's Order No. 6424.-Damage by fire is being repaired by the New York Central and Hudson River Railroad Company, under permit of the Board. Begun April 21, 1887; in progress.

## Pier south of Seventieth Street. N. R.

Secretary's Order No. 6424.-Damage by fire is being repaired by the New York Central and Hudson River Railroad Company, under permit of the Board. Begun April 21, 1887; in progress. Bulkhead south of West Seventy-eighth Street, N. R.

Secretary's Order No. 4924.--In February and March some preliminary work was done in building a retaining wall by Thomas Ward, under permit of the Board. Nothing has been done since those dates ; order returned March 22, 1887.

#### Bulkhead between Ninety-fifth and Ninety-sixth Streets, N. R.

Secretary's Order No. 5817.—A temporary shed was erected on new made land, 50 feet easterly from bulkhead, by Peck, Martin & Co., under permit of the Board. Begun September 28 and finished October 15, 1886. Secretary's Order No. 5694.—Fence erected by E. S. Higgins, under permit of the Board. Begun May 15 and finished November 11, 1886.

#### Bulkhead foot of Ninety-sixth street, N. R.

Secretary's Order No. 5308.—Sewer outlet was extended by Department of Public Works, under permit of the Board. Begun September 6, 1886, and finished September 24, 1886.

### Bulkhead between Ninety-sixth and Ninety-seventh Streets, N. R.

Secretary's Order No. 5170.—A crib-bulkhead was built and filing deposited in rear of same by John D. Crimmins, under permit of the Board. Begun April 12, 1886, and finished March 24, 1887.

## Crib-bulkhead north of Ninety-sixth Street, N. R.

Secretary's Order No. 6204.—An office, shed, 2 steam derricks, etc., are being erected by John Cox & Co., under permit of the Board. Begun March 21, 1887; in progress. Secretary's Order No. 6308.—A fence along the northerly line of Ninety-sixth street, from bulkhead to Twelfth avenue, along the west side of Twelfth avenue to Ninety-seventh street, and along the southerly side of Ninety-seventh street to bulkhead, was put up by John Cox & Co., under permit of the Board. Begun March 14, 1887; in progress.

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#### Pier at One Hundred and Twenty-ninth Street, N. R.

Secretary's Order No. 6233.—12 oak spring piles were driven and fastened by D. G. Yuengling, Jr., lessee, under permit of the Board. Begun March 10 and finished March 12, 1887.

#### Ferry Premises at One Hundred and Thirtieth Street, N. R.

Secretary's Order No. 5363.—Fenders and ferry racks were repaired by E. H. Coffin, lessee, under permit of the Board. Begun May 18 and finished June 21, 1886. Secretary's Order No. 5773.—A cable vault was built by the Tenth Avenue and One Hundred and Twenty-finfh Street Cable Road, under permit of the Board. Begun September 18, 1886, and finished on or about January 1, 1887.

#### Pier at One Hundred and Thirty-first Street, N.R.

Secretary's Order No. 5278.—An area of about 140 x 18 feet was paved with Belgian blocks by J. D. Kennedy & Co., under permit of the Board. Begun April 26 and finished May 10, 1886.

#### Foot of One Hundred and Fifty-eighth Street, N. R.

Secretary's Order No. 5629.—A small house for bathing purposes was erected by Washington Heights Swimming Club, under permit of the Board. Begun and finished August 28, 1886.

#### FAST RIVER.

Battery, E. R.

Secretary's Order No. 6347.-3 new oak piles driven in place of those worn out, at southwest end of Battery, by Isaac Hall's Sons, under permit of the Board. Begun and finished April 29, 1887. Bulkhead west of Pier I. E. R.

Secretary's Order No. 5450 .-- Small office removed, and old shed torn down by Staten Island Rapid Transit Company, under permit of the Board. Begun June 11 and finished June 18, 1886.

#### Ferry west of Pier 1. E. R.

Secretary's Order No. 6413.-Repairs are being made by Staten Island Rapid Transit Com-pany, under permit of the Board. Begun April 30, 1887 ; in progress.

#### Pier 2. E. R., and Bulkhead east.

Secretary's Order No. 5535.—The easterly half of Pier 2 was removed and ferry-houses, racks, bridges and platforms were erected by South Brooklyn Ferry and Steam Transportation Company, under permit of the Board. Begun July 29, 1886, and finished April 18, 1887. Secretary's Order No. 5576.—A ferry-house and shed was built by the South Brooklyn Ferry and Steam Transportation Company, under permit of the Board. Begun October 13, 1886, and finished April 18, 1887.

#### Pier 3, E. R.

Secretary's Order No. 5328.—Sheathing on deck was repaired by James Cruikshank, under permit of the Board. Begun May 4 and finished June 2, 1886. Secretary's Order No. 5435.—Holes in deck were repaired by James Cruikshank, under permit of the Board. Begun and finished Jane 10, 1886.

#### Pier 5, E. R.

Secretary's Order No. 6106.-Repairs were made by New York Central and Hudson River Railroad Company, under permit of the Board. Begun January 21 and finished April 5, 1887.

#### Pier 6, E. R.

Secretary's Order No. 5883.—The backing log and mooring post on outer end of pier were refastened, and 4 fender piles were driven by New York Central and Hudson River Railroad Com-pany, under the permit of the Board. Begun October 23 and finished October 25, 1886. Secretary's Order No. 6106.—Repairs were made to pier and shed by New York Central and Hudson River Railroad Company, under permit of the Board. Begun January 7 and finished April 2, 1887.

#### Pier 7. E. R.

Secretary's Order No. 6285.—A new derrick was erected in place of an old one, at inner east side of pier, by Western Transit Company, under permit of the Board. Begun April 6 and finished April 7, 1887. Secretary''s Order No. 6387.—Deck in front of berth occupied by Western Transit Company was resheathed to bring same on a level with adjoining surface by Western Transit Company, under permit of the Board. Begun April 20 and finished April 22, 1887.

#### Pier 8. E. R.

Secretary's Order No. 5262.—8 fender piles were driven and fastened, and 2 new mooring posts put in by New York, Lake Erie and Western Railway Company, under permit of the Board. Begun May 6 and finished May 10, 1886. Secretary's Order No. 5896.—Broken piles were removed and 4 spring piles driven and fast-ened by New York, Lake Erie and Western Railway Company, under permit of the Board. Begun October 16 and finished October 19, 1886.

#### Pier 9 and 10, E. R.

Secretary's Order No. 5462.—The sheathing on deck was repaired by T. E. Nesmith, Jr., under permit of the Board. Begun June 17 and finished July 7, 1886. Pier 11, E. R.

Secretary's Order No. 5321.—The sheathing was repaired by D. Whipple, under permit of the Board. Begun April 26 and finished May 3, 1886.

#### Bulkhead between Piers 13 and 14 E. R.

Secretary's Order No. 6008.—A sewer pipe was run through same by George Thwaites, under permit of the Board. Begun December 16 and finished December 20, 1886.

#### Pier 14, E. R.

Secretary's Order No. 4787—Piles were driven and sheathing on deck patched by D. Whipple, under permit of the Board. Begun December 2, 1885, and finished, under Secretary's Order No. 5716, October 4, 1886. Secretary's Order No. 5716.—50 bearing piles were driven, 10 new cross-caps put on, and deck sheathing and mooring post repaired by D. Whipple, under permit of the Board. Begun September 13 and finished October 4, 1886.

#### Pier 16, E. R.

Secretary's Order No. 5878 .-- Repairs were made by S. A. Frost, under permit of the Board. Begun October 12 and finished October 22, 1886.

#### Pier 17, E. R.

Secretary's Order No. 6341.-5 spruce bearing and 3 new oak tender piles driven and fastened by S. A. Frost, under permit of the Board. Begun April 5 and finished April 6, 1887.

#### Pier 18, E. R.

Secretary's Order No. 5946-Repairs were made by lesses of east half and alleged owners of west half, by order of the Board. Begun November 1 and finished November 8, 1886.

#### Pier 19, E. R.

Secretary's Order No. 5793.—Repairs were made to east half by alleged owners, under permit of the Board. Begun September 28 and finished October 1, 1886. Secretary's Order No. 5999.—Repairs were made by S. A. Frost, under permit of the Board. Begun November 12 and finished November 27, 1886.

#### Pier 20, E. R.

Secretary's Order No. 6053-18 bearing piles were driven in place of like number worn out, by C. H. Mallory & Co., under permit of the Board. Begun November 27 and finished December 1, 1886.

#### Pier 21, E. R.

Secretary's Order No. 3415.—Temporary posts were erected for a support for canvas awning, H. Mallory & Co., lessees, under permit of the Board. Begun October 15, 1883 ; not yet

Secretary's Order No. 5022.—A tin roof is being put on the shed and the sides covered with orrugated iron by C. H. Mallory & Co., under permit of the Board. Begun December 27, 1886 n progress Pier 23, E. R.

Secretary's Order No. 5448.—The deck sheathing was repaired by S. G. Smith, under permit of the Board. Begun June 11 and finished June 12, 1886. Secretary's Order No. 588.—6 spring piles were driven and fastened by S. H. Mills, under permit of the Board. Begun July 30 and finished August 2, 1886.

#### Bulkhead between Piers 23 and 24. E.R.

Secretary's Order No. 5310.—An ice bridge 80 x 5 feet, on movable wooden horses, a small weigh house 6 x 3 feet, and a scale were erected by Mutual Benefit Ice Company, under permit of the Board. Begun May 15 and finished May 17, 1886.

#### Pier 24. E. R.

*Her* 24, *E.K.*Secretary's Order No. 5459-2 broken spring piles were replaced with new ones by S. G. Smith, agent, under permit of the Board. Begun and finished June 15, 1886.
Secretary's Order No. 5449.—The sheathing on deck was repaired by S. H. Mills, under permit of the Board. Begun June 17 and finished June 21, 1886.
Secretary's Order No. 5506.—The rangers at entrance to west side of pier were repaired, sheathing on deck patched and 3 oak fender piles drawn by Frank Tweed, agent, under permit of the Board. Begun July 6 and finished July 7, 1886.
Secretary's Order No. 5450.—O piles were driven in place of defective ones, and other necessary repairs made to east side of pier by Hartford and New York Transportation-Company, under permit of the Board. Begun October 22 and finished November 27, 1886.
Secretary's Order No. 675.—A new oak spring pile was driven in place of one broken, by Frank Tweed, agent, under permit of the Board. Begun October 24.

#### Pier 25. E. R.

Secretary's Order No. 5799.—Repairs were made to east side by New Haven Steamboat Com-pany, under permit of the Board. Begun about October 7 and finished about October 16, 1886.

#### Pier 26, E. R.

Secretary's Order No. 5799.—10 bearing piles at outer end of pier were driven by New Haven Steamboat Company, under permit of the Board. Begun October 7 and finished October 16, 1886.

#### Bulkhead between Piers 26 and 27, E. R.

Secretary's Order No. 5301. - A sewer pipe was carried through bulkhead from No. 155 South street by Jeremiah Murphy, under permit of the Board. Begun April 28 and finished May 3, 1886.

#### Pier 27, E. R.

Secretary's Order No. 5774.—Repairs to pier are being made and a new shed is being erected by Baltimore and Ohio Railroad Company, under permit of the Board. Begun September 17, 1886; in progress. Pier 28. E. R.

Secretary's Order No. 6208.—Repairs are being made to the north side by William P. Clyde & Co., under permit of the Board. Begun April 18, 1887; in progress.

#### Bulkhead between Piers 28 and 20. E. R.

Secretary's Order No. 5413.—The bulkhead and approach to Pier 29 was rebuilt by William P. Clyde, under permit of the Board. Begun May 28 and finished October 5, 1886.

#### Bulkhead at Roosevelt Street, E. R.

Secretary's Order No. 6007. —A sewer is being extended through the bulkhead by Department of Public Works, under permit of the Board. Begun December 6, 1886 ; in progress.

#### Piers 33 and 34, E. R., and Bulkhead between.

Secretary's Order No. 6004. - Repairs, including 9 half round oak fenders put on, 5 bearing piles driven and fastened, and backing log and deck were made to Pier 33. Repairs, including 4 oak spring piles driven and fastened, deck and backing log patched and new fenders put on, were made to Pier 34. Repairs, including to fender piles driven and fastened, 8 half-round oak fenders put on and "A" and horizontal braces patched, were made to bulkhead platform; all by William P. Clyde & Co., under permit of the Board. Begun November 23 and finished December 31, 1886.

#### Pier 35, E. R.

Secretary's Order No. 6123.—7 fender piles were driven in place of those worn out, by Bridge-port Steamboat Company, under permit of the Board. Begun December 29, 1886, and finished January 4, 1887.

# Pier 36, E. R.

Secretary's Order No. 5889.-5 new spring piles were driven, and several old ones refastened, by Vermont Central Railroad Company, under permit of the Board. Begun October 13 and finished October 21, 1886.

#### Bulkhead between Piers 36 and 37, E. R.

Secretary's Order No. 5801.—Repairs made by alleged owners, by order of the Board. Begun Secretary's Order No. 5625.—Repairs made by alleged owners, by order of the Board. Begun and finished August 9, 1886.

#### Pier 38, E. R.

Secretary's Order No. 5866.-Repairs made by Maine Steamship Company, by order of the Board. Begun and finished October 16, 1886. Pier 39, E. R.

Pier 39, E. R. Secretary's Order No. 5401.—Temporary ice bridge and platform scale erected on south side of pier, by the Mutual Benefit Ice Company, under permit of the Board. Begun June 24 and finished June 28, 1886. Secretary's Order No. 5740.—8 spruce piles driven alongside of pier, in place of same number worn out, by Borden & Lovell, under permit of the Board. Begun and finished September 10, 1886. Secretary's Order No. 5907.—Shed thereon repaired by Old Colony Steamboat Company, under permit of the Board. Begun November 16 and finished November 18, 1886. Secretary's Order No. 6381.—4 fender piles driven by Borden & Lovell, under permit of the Board. Begun April 28 and finished April 30, 1887.

## Bulkhead between Piers 39 and 40, E.R.

Secretary's Order No. 3586.—Repairs made by Trustees of Floating Chapel, by order of the Board. Begun July 27 and finished August 14, 1886. Secretary's Order No. 6568 — A sewer pipe from 224 South street was run through by C. & R. Poillon, under permit of the Board. Begun April 18 and finished April 20, 1887.

#### Pier 40, E.R.

Secretary's Order No. 5424.—Repairs were made to roof of shed by lessee, under permit of the Board. Begun June 18 and finished June 24, 1886. Secretary's Order No. 5492.—2 spring piles were replaced on north and east corner by lessee, by order of the Board. Begun June 6 and finished July 7, 1886. Secretary's Order No. 5277.—Shed on pier was repaired by lessee, by order of the Board. Be-gun May 5 and finished May 20, 1886.

#### Bulkhead between Piers 42 and 43. E. R.

Secretary's Order No. 5877.-The bulkhead was rebuilt from low-water mark up, by alleged owners, who were notified to do the work. Begun October 15, 1886, and finished January 4, 1887.

#### Pier 44, E.R.

Secretary's Order No. 6287.—A gangway for propeller "Mary E. Gordon" was cut by Ged-ney's Freight and Transportation Company, under permit of the Board. Begun and finished March 26, 1887. Secretary's Order No. 6284.—A gangway was cut by Portchester Transportation Company, under permit of the Board. Begun and finished March 26, 1887. Secretary's Order No. 6292.—A gangway was cut for propellers "Alert" and "Captain John," by the owners of said propellers, under permit of the Board. Begun and finished March 26, 1887.

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#### Pier 45, E. R.

Secretary's Order No. erly side leveled up by N ished April 29, 1886. o. 5302.—30 bearing piles were driven and sunken portion of pier on west-Norman Hitchcock, under permit of the Board. Begun April 26 and fin-

## Bulkhead between Piers 46 and 47, E.R.

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Secretary's Order No. 5378.-Repairs were made by alleged owners, under permit of the Board Begun May 20 and finished June 12, 1886. Bulkhead between Piers 48 and 49, E.R.

Secretary's Order No. 5847.-Repairs were made by alleged owners, by order of the Board. Begun and finished October 4, 1886.

#### Bulkhead at Pier 49, E.R.

Secretary's Order No. 6228.—The bulkhead was rebuilt from low-water mark up by Sectional Dry Dock Company, by order of the Board. Begun March 3 and finished April 11, 1857. Secretary's Order No. 5370.—The pavement was repaired by New York, New Haven and Hartford R. R. Co., under permit of the Board. Begun May 17 and finished May 31, 1886.

#### Pier 40, E. R.

Secretary's Order No. 5464.—6 piles were replaced by N. Y. Floating Dry Dock Co., under permit of the Board. Begun June 13, and finished June 17, 1886. Secretary's Order No. 6202.—Boom was shilted from Pier 49 to Pier 48, by the N. Y. Float-ing Dry Dock Co., under permit of the Board. Begun February 17 and finished February 18, 1887.

. Secretary's Order No. 5834.—Repairs were made to pier and shed, by alleged owners, by r of the Board. Begun February 10 and finished April 30, 1887. order of the Board.

#### Bulkhead Platform between Piers 49 and 50, E. R.

Secretary's Order No. 5764.—Fender piles were driven and so, 2. K. Secretary's Order No. 5764.—Fender piles were driven and sheathing on deck repaired by New York, New Haven and Hartford R. R. Co., under permit of the Board. Begun September 17 and Escretary's Order No. 6322.—15 spruce fender piles were driven, and damages done by a tug of the New York, New Haven and Hartford R. R. Co., to the outer end of platform, were repaired by the New York, New Haven and Hartford R. R. Co., under permit of the Board. Begun April 18 and finished April 21, 1887. Secretary's Order No. 6300.—Backing log on platform was repaired by the New York, New Haven and Hartford R. R. Co., under permit of the Board. Begun and finished April 20, 1887.

## Bulkhead Platform between Piers 50 and 51, E. R.

Secretary's Order No. 5299 .-- Stumps of piles were pulled, 20 fender piles were driven, chocked and fastened, and vertical sheathing was patched with 5-inch oak, by New York, New Haven and Hartford R. R. Co., under permit of the Board. Begun April 22 and finished May 3, 1886.

#### Pier 51, E. R.

Secretary's Order No. 4902.—Repairs were made by alleged owners, by order of the Board. Begun December 10 and finished December 24, 1886. Secretary's Order No. 5833.—A fender and a fender pile were refastened on east side near outer end of pier, by New York, New Haven and Hartford R. R. Co., by order of the Board. Begun and finished December 6, 1886.

#### Bulkhead west of Pier 51, E. R.

Secretary's Order No. 5668.-A hole was filled up with earth, and stone, by New York, New Haven and Hartford R. R. Co., by order of the Board. Begun and finished August 31, 1886.

## Bulkhead 150 feet east of Pier 54, E. R.

Secretary's Order No. 5980.—A hole was filled up with stone and earth, by alleged owners, by order of the Board. Begun and finished November 13, 1886.

#### Bulkhead east of Corlears Street, E. R.

Secretary's Order No. 4926.—The bulkhead for about 150 feet was rebuilt from low water up, by alleged owners, by order of the Board. Begun May 25 and finished June 15, 1886.

#### Bulkhead between Water and Cherry Streets, E. R.

Secretary's Order No. 5483.-The bulkhead was straightened by alleged owners, under permit of the Board. Begun June 21 and finished July 2, 1886.

#### Bulk ead south of Pier 55, E.R.

Secretary's Order No. 5403. The bulkhead was rebuilt by alleged owners, by order of the Board. Begun June 12 and finished July 2, 1886.

#### Pier 55, E. R.

Secretary's Order No. 6445.—A scale was erected by the Hazelwood Ice Company, under permit of the Board. Begun April 26 and finished April 29, 1887.

#### Slip between Piers 56 and 57, E.R.

Secretary's Order No. 5958. - A sunken scow was removed to Pottery Beach, Hunter's Point, by owners, by order of the Board. Begun November 3 and finished December 4, 1886.

#### Pier 57, E. R.

Secretary's Order No. 5225. — A dump was erected on east side, by New York and Brooklyn Ferry Company, under permit of the Board. Begun April 30 and finished May 15, 1886. Secretary's Order No. 6300. — The premises were cleaned and the deck sheathing patched with 3.inch spruce, by New York and Brooklyn Ferry Company, by order of the Board. Begun March 26 and finished April 3, 1887.

#### Bulkhead south of Pier 60, E.R.

Secretary's Order No. 5405.—I June 17 and finished June 24, 1886. -Repairs made by alleged owner, by order of the Board. Begun Pier 60, E. R.

# Secretary's Order No. 5882 .-- A scale and tally house was erected by Hazelwood Point Ice Company, under permit of the Board. Begun July 26 and finished July 27, 1886.

#### Pier 62, E. R.

Secretary's Order No. 5837 .- The damage done by boiler was repaired by alleged owners, by order of the Board. Begun October 20 and finished October 25, 1886.

#### Ferry at East Houston Street. E. R.

Secretary's Order No. 5905.—The ferry racks were repaired by the Nassau Ferry Company, nder permit of the Board. Begun November 3 and finished November 20, 1886.

### Pier at East Third Street, E. R.

Secretary's Order No. 5957.--Repairs were made by Ridgewood Ice Company, lessee, by order of the Board. Begun December 13 and finished December 18, 1886.

## Bulkhead Platform between East Fourth and Fifth Streets, E.R.

Secretary's Order, No. 5670.-Repairs were made by lessees, by order of the Board. Begun September 6 and finished October 2, 1886.

## Pier at East Fifth Street, E.R.

Secretary's Order No. 5332 .-- 20 spring piles were driven, chocked and fastened at end and side of pier, by J. V. Brown, lessee, under permit of the Board. Begun May 17 and finished May 20, 1886. 1000.
 Secretary's Order No. 6127.—8 spring piles were driven on upper side of pier by J. V. F.
 lessee, under permit of the Board. Begun December 29, 1886, and finished January 3, 1887.

#### Pier at East Sixth Street, E. R.

Secretary's Order No Board. Begun June II an retary's Order No. 3987.—Repairs were made by Wm. H. Webb, under permit of the Begun June 11 and finished July 12, 1886. Pier at East Ninth Street, E. R.

Secretary's Order No. 5782.--5 oak spring piles were driven by assignees, etc., of John Roach & Son, under permit of the Board. Begun October 5 and finished October 6,1886.

#### Ferry at East Tenth Street, E. R.

Secretary's Order No. 5798.-The rack was repaired by Greenpoint Ferry Company, under permit of the Board. Begun September 28 and finished October 6, 1886.

#### Pier foot of Eleventh Street, E. R.

Secretary's Order No. 5802.-Repairs are being made by Mutual Gas-light Company, under permit of the Board. Begun September 27, 1886; in progress.

#### Pier at East Twelfth Street, E. R.

Secretary's Order No. 5504.—Repairs made by Mutual Gas-light Company, under permit of the Board. Begun June 24 and finished October 16, 1886. Secretary's Order No. 6134.—3 bearing and 4 spring piles were driven on north side by Mutual Gas-light Company, under permit of the Board. Begun January 7 and finished January 10, 1887.

#### East Thirteenth Street, E. R.

Secretary's Order No. 5750.—The ash thump was raised and flooring and beams relaid by Mutual Gas-light Company, under permit of the Board. Begun September 14 and finished October 7, 1886.

## Bulkhead north of East Fifteenth Street, E. R.

Secretary's Order No. 6135.—Three courses of timber were laid, one mooring post set, three fender piles driven and chocked, and pavement repaired, by Consolidated Gas Company, under permit of the Board. Begun January 10 and finished January 28, 1887.

#### Pier at East Nineteenth Street, E. R.

Secretary's Order No. 5322.—An ice bridge was erected by Archibald Scott, under permit of the Board. Begun April 28 and finished May 1, 1886. Secretary's Order No. 6435.—An ice bridge was erected by A. Scott & Sons, under permit of the Board. Begun April 25 and finished April 26, 1887.

#### Pier at East Twenty-third Street, E. R.

Secretary's Order No. 6354.—Portable hoisting engine was erected on north side of pier by Hecksher Coal Company, under permit of the Board. Begun April 4 and finished April 6, 1887.

#### Pier at East Twenty-sixth Street, E. R.

Secretary's Order No. 5658. — A building on piles was erected on north side of pier by Depart-ment of Public Charities and Correction, under permit of the Board. Begun September 20 and finished December 31, 1886.

## Bulkhead between East Thirtieth and East Thirty-first Streets, E. R.

Secretary's Order No. 6028.—Repairs were made to bulkhead, within existing lines, by H. D. Brookman, under permit of the Board. Begun November 22 and finished December 8, 1886. Secretary's Order No. 5256.—A Luster of piles was removed by the New York, Lake Erie and Western Railway Company, by order of the Board. Begun and finished December 20, 1886.

Pier at East Thirty-second Street, E. R.

Secretary's Order No. 5400.—Two gangways were cut, tank was erected and a canvas awning put up by John H. Starin, under permit of the Board. Begun June 15 and finished June 24, 1886.

#### Bulkhead at East Thirty-fifth Street, E. R.

Secretary's Order No. 5376, -Repairs were made J. W. Duryea, under permit of the Board-Begun May 20 and finished September 28, 1886.

#### Pier at East Forty-seventh Street. E. R.

Secretary's Order No. 5996.—Repairs were made by Owens & Co., lessees, by order of the rd. Begun November 24 and finished November 27, 1886. Board.

#### Bulkhead between East Fifty-first and Fifty-second Streets, E. R.

Secretary's Order No. 6410. — A water tank was repaired by the F. & M. Schaefer Brewing apany, under permit of the Board. Begun April 18 and finished April 21, 1887. Company, u

Bulkhead north of East Fifty-fourth Street, E. R.

Secretary's Order No. 5477.-A fence was removed by Claussen & Guggenheimer, by order of the Board. Begun and finished June 28, 1886.

#### Bulkhead between Fifty-fourth and Fifty-fifth Streets, E. R.

Secretary's Order No. 6434.—A 12-inch pipe is being run through bulkhead for the purpose of drawing salt water, by John Kress Brewing Company, under permit of the Board. Begun April 21, 1887; in progress.

#### Bulkhead between East Sixty-first and Sixty-second Streets, E. R.

Secretary's Order No. 5280. —The sheathing on the deck was repaired by James Millward, by order of the Board. Begun and finished May 17, 1886. Secretary's Order No. 6441.—An ice bridge, platform scale and weigh office are being erected by the Knickerbocker Ice Company, under permit of the Board. Begun April 30, 1887; in progress.

#### Bulkhead between East Sixty-second and Sixty-third Streets, E. R.

Secretary's Order No. 5747.—A trestle work for hoisting coal was repaired by Ehrenreich Bros., under permit of the Board. Begun September 9 and finished October 2, 1886. Secretary's Order No. 5780.—II inder piles were driven at platform by Ehrenreich Bros., under permit of the Board. Begun October 4, 1886, and finished October 5, 1886.

#### Bulkhead at East Seventy-fifth Street, E. R.

Secretary's Order No. 5484.—A dumping board was erected by O'Brien Bros. & Norman, under permit of the Board. Begun June 24 and finished June 29, 1886.

Pier at East Eighty-sixth Street, E. R.

Secretary's Order No. 5284.—Damage done by steamer "Vidette" was repaired by Mr. Nickerson, by order of the Board. Begun June 14 and finished June 16, 1886.

#### Ferry at East Ninety-second Street, E. R.

Secretary's Order No. 5695. - The ferry racks, bridge and ferry house were repaired by Astoria Ferry Company, under permit of the Board. Begun August 6 and finished November 13, 1886.

#### Pier north of East Ninety-first Street, E. R.

Secretary's Order No. 6428.--10 bearing and 10 fender piles were driven, and the backing log was repaired by the Knickerbocker Ice Company, under permit of the Board. Begun April 26 and finished April 29, 1887.

#### HARLEM RIVER.

Bulkhead between One Hundred and Second and One Hundred and Third Streets, H. R. Secretary's Order No. 6418.—Erection of a boat-house in accordance with diagram submitted, by Thomas S. McManus, under permit of the Board. Begun April 21, 1887; in progress.

# Bulkhead between East One Hundred and Eleventh and East One Hundred and Twelfth Streets, H. R.

Secretary's Order No. 5585.- -Repairs were made by alleged owners, under permit of the Board. Begun August 17 and finished August 20, 1886.

Premises East One Hundred and Fourteenth to East One Hundred and Fifteenth Streets, H. R. Secretary's Order No. 5549.—A crib-bulkhead was built by John Dwight, under permit of the Board. Begun October 11, 1886, and finished February 19, 1887.

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### Premises East One Hundred and Fifteenth to East One Hundred and Sixteenth Streets,

Secretary's Order No. 5587.-A crib-bulkhead was built by the New York Steam Company, under permit of the Board. Begua September 3 and finished December 1, 1886; filling in progress.

#### East One Hundred and Sixteenth Street. H. R.

Secretary's Order No. 5443.-3 fender piles were driven by Vandervoort & Tucker, under permit of the Board. Begun and finished June 14, 1886. Secretary's Order No. 5689.-Float removed by Vandervoort & Tucker, by order of the Board. Begun and finished August 28, 1886.

Pier south of East One Hundred and Twenty-fifth Street, H. R.

Secretary's Order No. 5173.—Repairs were made to the pier and bulkhead, and the pier was widened 16 feet on the south side, by Abraham Steers, under permit of the Board. Begun March 22 and finished May 11, 1886.

Bulkhead between East One Hundred and Twenty-fifth and East One Hundred and Twenty-sixth Streets, H. R.

Secretary's Order No. 5305.---6 fender piles were driven and braced to repair the boom, by George T. Gaden & Co., under permit of the Board. Begun and finished May 10, 1886.

Pier at East One Hundred and Twenty-eighth Street, H. R.

Secretary's Order No. 5906.—Repairs were made by Armour & Co., under permit of the Board. Begun October 25 and finished December 7, 1886. Secretary's Order No. 6027.—A shed was erected by Armour & Co., under permit of the Board. Begun December 7, 1886, and finished February 26, 1887.

Bulkhead at East One Hundred and Twenty-ninth Street and east of Second Avenue, H. R. Secretary's Order No. 5603.-Repairs were made by the Mahattan Railway Company under permit of the Board. Begun September 6 and finished November 6, 1886.

#### Premises at Willis Avenue, H. R.

Secretary's Order No Co., under permit of t der No. 5120 and 5690.—A new slip was constructed by N. Y., N. H. & H. R. nit of the Board. Begun February 10 and finished October 2, 1886. R. Co.,

Slip east side of Third Avenue, H. R.

Secretary's Order No. 6359.—3 piles were driven by James W. Colwell, under permit of the rd. Begun April 5 and finished April 7, 1887. Board.

Pier at East One Hundred and Thirtieth Street, H. R.

Secretary's Order No. 5583-2 spring piles were driven and fastened in front of pier, by the Harlem and Morrisania Consolidated Transportation Company, under permit of the Board. Begun July 22 and finished July 26, 1886.

East One Hundred and Thirty-second Street, near Lincoln Avenue, H. R.

Secretary's Order No. 6193.—A pile platform was erected by the North and East River Steamboat Company, under permit of the Board. Begun February 17 and finished February 25, 1887

Pier at East One Hundred and Thirty-third Street, east side of H. R. Secretary's Order No. 5073.—Repairs made to pier and bulkhead, and small platform bui Green Wright, under permit of the Board. Begun February 1 and finished February 15, 1887 uilt by

Premises at East One Hundred and Thirty-third Street, west side of H. R.

Secretary's Order No. 5875.—8 piles were driven by J. W. Colwell, under permit of the d. Begun October 12 and finished October 13, 1886. Board

#### Premises north of One Hundred and Thirty-fifth Street, H. R.

Secretary's Order No. 6217. — A platform on piles was erected by H. A. Cram, under permit of the Board. Begun March 18 and finished March 26, 1887.

Bulkhead north of One Hundred and Thirty-fifth Street, H. R.

Secretary's Order No. 6321.—Spring piles were driven in front of bulkhead by Harlem River Transportation Company, under permit of the Board. Begun March 29 and finished March 30, 1887. Secretary's Order No. 6318.—A shed was erected by Harlem River Transportation Company, under permit of the Board. Begun March 7 and finished April 5, 1887.

Premises between One Hundred and Thirty-fifth and One Hundred and Thirty-seventh Streets, H.R. Secretary's Order No. 5534.—Crib bulkheads were built by H. A. Cram, under permit of the Board. Begun August 26, 1886. Crib bulkhead finished ; filling in rear in progress.

Premises between One Hundred and Thirty-seventh and One Hundred and Thirty eighth Streets, H.R. Secretary's Order No. 5939. — A crib bulkhead was built by H. A. Cram, under permit of the Board. Begun October 12, 1886. Crib bulkhead finished ; filling in rear in progress.

#### Bulkhead south of One Hundred and Thirty-eighth Street, H. R.

Secretary's Order No. 6459. —Coal office, stable, etc., erected by John Dobbins, under permit of the Board. Begun about April 15, 1887; in progress. Secretary's Order No. 3937.—Filling in rear of crib bulkhead was done by Wilson & Adams, under permit of the Board. Work finished Jane 30, 1886.

East One Hundred and Thirty-eighth Street, H. R.

Secretary's Order No. 5584.-4 bearing piles and 4 spring piles were driven and fastened by Vandervoort & Tucker, under permit of the Board. Begun July 22 and finished July 26, 1886.

East One Hundred and Thirty-eighth Street-Rider's Canal-H. R.

Secretary's Order No. 6311.—The bridge was repaired by W. E. Rider, under permit of the d. Begun March 29 and finished April 20, 1887. Board.

Bulkhead north of East One Hundred and Thirty-eighth Street, H. R.

Secretary's Order No. 5489.—Repairs were made by James D. G. Burnett, under permit of the Board. Begun June 26 and finished June 30, 1886. Secretary's Order No. 5691.—A shed was erected over hoisting engine by James D. G. Burnett, under permit of the Board. Begun August 31 and finished September 3, 1886.

Premises north of Madison Avenue Bridge, east side H. R.

Secretary's Order No. 6230. –Plank walk on piles built by W. A. & S. Rudeman, under permit of the Board. Begun about April 1, 1887, and finished April 29, 1887.

#### Buckhead south of One Hundred and Fiftieth Street, east side of H. R.

Secretary's Order No. 3665.—Filling in rear of new crib was done by Thomas L. Sturgis, under permit of the Board ; work in progress from time to time. # Secretary's Order No. 5797.—S fender piles were driven by Thomas L. Sturgis, under permit of the Board. Begun and finished October 2, 1886.

Premises One Hundred and Fifty-fifth to One Hundred and Fifty-seventh Street, H. R.

Secretary's Order No. 5432.-A crib-bulkhead was erected by Mrs. Sarah Lynch, under permit of the Board. Begun November 3, 1886; in progress.

# Secretary's Order No. 6178.—A crib-dock is being removed by J. J. Coogan, under permit of Board. Begun February 2, 1887, and temporarily suspended.

Foot of Eighth Avenue, H. R. Secretary's Order No. 5976.—Supervising the erection of sewer outlet by Department of Public Works, under permit of the Board. Begun October 25, 1886, and finished February 2, 1887.

One Hundred and Fifty-ninth Street, H. R.

Premises near One Hundred and Sixty-first Street, east side Cromwell's Creek.

Secretary's Order No. 3649.-Filling was put in in rear of new crib-bulkhead, by J. J. Astor, er permit of the Board ; work in progress. under

Premises near One Hundred and Sixty-first Street, west side Cromwell's Creek.

Secretary's Order No. 5230.—A platform is being erected by James Colwell, under permit of the Board ; work in progress from time to time.

First Dock north of High Bridge, east side H. R.

Secretary's Order No. 6189.—A gangway was built by C. H. Longstreet, under permit of the Board. Begun March 26 and finished April 5, 1887.

Water Front on Ogden Estate, West of High Bridge, H.R.

Secretary's Order No. 5458. -4 fender piles were driven and fastened at float, and a platform was erected on each side of gangway, by J. H. McConnell, under permit of the Board. Begun June 16 and finished June 17, 1886.

Premises north of One Hundred and Seventy-eighth Street, H. R.

Secretary's Order No. 5533.—A crib-work was erected by Aqueduct Commissioners under permit of the Board. Begun July 20 and finished September 13, 1886.

#### Premises at One Hundred and Eighty first Street, east side H. R.

Secretary's Order No. 5586.—A stone wall was erected and filling put in rear of same by Harlem Bridge Commissioners, under permit of the Board. Begun July 26 and in progress until September 11, 1886, when it was temporarily suspended. Secretary's Order No. 566.—A temporary platform on piles was built by Harlem River Bridge Commissioners, under permit of the Board. Begun July 7, 1886, and finished February to. 1887.

Bridge C 19, 1887.

19, 1887. Secretary's Order No. 5608.—A platform south of Harlem River Bridge was erected by Harlem River Bridge Commissioners, under permit of the Board. Begun August 5, 1886; in progress from time to time. Secretary's Order No. 5623.—False work for construction of new bridge was erected by Harlem River Bridge Commissioners, under permit of the Board. Begun August 5, 1886; in progress from time to time. Secretary's Order No. 5620.—Filling in of water front with surplus material from Harlem River Bridge excavations was done by Harlem River Bridge Commissioners, under permit of the Board. Begun March 26, 1887; in progress.

#### Water Front of H. W. T. Mali, north of High Bridge, H. R.

Secretary's Order No. 5631.—A boat-house was erected by Nassau Boat Club, under permit of Board. Begun August 16 and finished August 23, 1886. the Board

#### Premises at Fordham Heights Station, H. R.

Secretary's Order No. 6085.—Repairs to pier were made by J. B. Haskins, under permit of the Board. Begun December 15, 1886, and finished March 19, 1887. Secretary's Order No. 6349.—An office was erected by John B. Haskins, under permit of the Board. Begun about March 15 and finished April 9, 1887.

#### Kings Bridge, north side Spuvten Duvvil Creek.

Secretary's Order No. 4686.—Filling was put in rear of bulkhead by T. & W. Thorn & Co., under permit of the Board ; work in progress from time to time.

#### North Brother Island, E. R.

Secretary's Order No. 4609. —Filling put in rear of sea wall by Health Department, under permit of the Board ; work recommenced October 28, 1886, and in progress from time to time.

#### Oak Point, Long Island Sound.

Secretary's Order No. 5444.—4 bearing piles were driven and fastened and several fender piles e straightened at bathing resort by Vandervoort & Tucker, under permit of the Board. Begun

Secretary's Order No. 5444. — Use and provort & Tucker, under permit of the Board. Begun and finished June 12, 1886. Secretary's Order No. 5584.—2 bearing piles and 4 spring piles were driven and fastened by Vandervoort & Tucker, under permit of the Board. Begun July 22 and finished July 26, 1886.

New Wharfage Room, in Linear Feet, made during the Year by Private Parties, under permit of the Board of Docks.

| LOCATION.   | FEET.        | FEET.      | FEET.    |
|---|--------------|------------|----------|
| North River.<br>Ferry premises between West Twenty-second and West Twenty-third streets.                              |              | 40         |          |
| Pile bulkhead at West Fifty-first street<br>Crib bulkhead West Ninety-sixth to West Ninety-eighth street              | 90<br>249.15 | 40         |          |
| Total pier and bulkhead extension on the North river  |              |            | 379-15   |
| East and Harlem Rivers.   |              |            |          |
| Ferry premises foot of Willis avenue<br>Clib bulkhead between One Hundred and Thirty-fifth and One Hundred and        |              | 40         | -        |
| Thirty-eighth streets<br>Platform north of Kyle's Pier, High Bridge<br>Crib pier One Hundred and S.venty-eighth stree | 1,524<br>    | 25         |          |
| Bulkhead platform south of One Hundred and Eighty-first street<br>Pier at Fordham Heights                             |              | 300<br>400 |          |
| Total pier and bulkhead extension on East and Harlem rivers   |              |            | 2,339.00 |

New Wharfage Room, in Linear Feet, to be made by work carried on during the Year by Frivate Owners, under permit of the Board, but not yet finished.

| LOCATION.   | FRET.                      | FEET.    |
|---|----------------------------|----------|
| Harlem River.   |                            |          |
| Crib bulkhead between East One Hundred and Fourteenth and East One Hundred and<br>Filteenth streets.<br>Crib bulkhead between East One Hundred and Fifteenth and East One Hundred and Six-<br>teenth streets.<br>Crib bulkhead at One Hundred and Fifteeth street, Havlem River.<br>Crib bulkhead Cromwell's Creek.<br>Crib bulkhead at Spuyten Duyvil Creek. | 111.65<br>258.65<br>142.50 |          |
| Total new wharfage room in progress   |                            | 2,631.00 |

### THE CITY RECORD.

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#### HEALTH DEPARTMENT OF THE CITY OF NEW YORK, SANITARY BUREAU, DIVISION OF VITAL STATISTICS.

#### SANITART BUREAU, DIVISION OF VITAL STATISTICS.

REPORTED MORTALITY \* for the week ending November 19, 1887, together with the ACTUAL MORTALITY for the week ending November 12, 1887.

W. DE F. DAY, M. D., Sanitary Superintendent and Register: SIR-There were 670 deaths reported to have occurred in this city during the week ending Saturday, November 19, 1887, which is an increase of 12, as compared with the number reported the preceding week, and 13 less than were reported during the corresponding week of the year 1886. The actual mortality for the week ending November 12, 1887, was 650, which is 37.6 above the average for the corresponding week for the past five years, and represents an annual death-rate of 22.56 per 1,000 persons living, the population estimated at 1,498,196.

Table showing the Reported Mortality for the week ending November 19, 1887, and the Actual Number of Deaths each day, from the Principal Causes, with the Ages of Decedents, for the week ending November 12, 1887.

| Миниосост.         Нали с (Fahr.) for the week was  |       | SEX.             |
|---|-------|------------------|
| Curates or Deather reported of the work and the reported of the work and the reported of the work and the reported of the work of the work of the work of the reported of the sector of           | 11    |                  |
| CURRENCE OF CONTRACTOR OF CONT          | er.   |                  |
| Total De<br>during More and<br>ing Notes of Section 2015<br>1000, 100 | 00.   | Male.<br>Female. |
| Total Deaths from all Causes  |       | 337 313          |
| Total Zymotic Diseases 130 131 22 20 21 11 25 18 13 132 137.8 4.09 34 23 13 15 6 93 16 1 1 3 2 3 2 4 3 1 2 1  |       | 60 75<br>61 63   |
| Total Constitutional Diseases 130 132 1/ 10 10 10 10 10 10 10 10 10 10 10 10 10   |       |                  |
|   |       | 180 143<br>20 28 |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$   | 3 I I | 16 4             |
| T I I I.O .O3 I I I I   |       | I                |
| $M_{\text{opelay}} = \begin{pmatrix} 6 & 4 & 1 & 1 & 1 & 2 & 2 & 1 & 0 & 3/ & 13/4 & 12 & 1 & 1 & 0 & 1 & 1 & 1 & 1 & 1 & 1 & 1$  |       | 4 2              |
| Scarlatina 13 0 2 4 1 2 1 10 4 0.0 .34 3 1 3 7 3  |       | 3 7              |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |       | 18 27            |
| Membranous Croup  |       | IO II            |
| Whooping Cough  |       | I                |
| Ervsipelas  |       | 1 2              |
| Typhus Fever  |       |                  |
| Yellow Fever  |       | 4 I              |
| Typhoid Fever   |       | III              |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |       |                  |
| Congestive and Simple Continued Fevers 6 6 I 2 2 2 7 0 0.0 .24 2 I 3 4 4 4 4  | I     | 1 6              |
| Diagnard Diseases   |       | 7                |
| Diarrheal Diseases 18 22 1 3 2 3 5 3 2 19 25 20.0 .00 11 t 12 1 4 3 t   |       | 8 II             |
| Inamition Want of Breast Milk, etc 3 5 4 I 2 7 5 2.4 .24 7 7 7  |       | 4 3              |
| Alcoholism  |       | 3                |
| Kheumatism and Gout   |       |                  |
|   |       | 4 7              |
| Phthisis Pulimonalis 100 93 11 0 9 10 1/ 10 1/ 90   |       | 20 20            |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$   |       | 38 36            |
| Preumonia   |       | 23 15            |
| The second secon          |       | ILI              |
| Marasmus-Tabes Mesenterica and Scrofula 17 II 2 2 2 I 7 IO 17.0 .24 5 I 0 I   |       | 6 I              |
| Hydrocephalus and Tubercular Meningitis. 15 12 3 1 2 2 2 5 15 11 8.0 .52 5 2 1 1 9 1 2 2 1 1  |       | 10 5             |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |       | 9 8              |
| 10 12 I 2 I 5 I 10 7 10.0 .34 8 I I 10 10   |       | 9 1              |
| Direct Effect of Solar Heat   |       | 8 7              |
|   |       | 8 7<br>37 25     |
|   |       | 5 8              |
| Cirrhosis of Liver and Hepatitis  |       |                  |
| Gostrific 20 16 3 3 3 0 I 10 14 12.2 .50 5 I 0 I I I I I I I I I I I I I  |       | 10 6             |
| Brinkte Disease and Nenhritis   |       | 27 19            |
| Cyanosis and Atelectasis 6 5 I I 2 I 5 3 5.8 4 I 5  |       | I 4              |
| Premature and Preternatural Births 22 17 2 1 6 3 4 3 2 21 13 12.2 .73 21 21   |       | 12 9             |
| Surgical Operations   |       | T                |
| Deaths by Suicide I 8 2 I I 4 2 4.0 .14 I I I I   |       | 2 2              |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |       | I                |
| Under 1 year 120 133 16 16 21 114 24 19 18 132 147 120.2 4.55   |       |                  |
|   |       |                  |
| ( " 5 years 228 238 33 32 39 27 .43 31 27 232 307 225.2 8.05 ··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·   |       |                  |

| Total                     | 9                 | I         | 6                    | 10                  | 45                    | 21     | I                                    |             | 5       |          | 1.       | . 19          | 2              |          |                   | 650               | 534  | 1,206,299        | Total mortality in Public Institutions  |
|---------------------------|-------------------|-----------|----------------------|---------------------|-----------------------|--------|--------------------------------------|-------------|---------|----------|----------|---------------|----------------|----------|-------------------|-------------------|--|------------------|---|
|                           |                   | _         | _                    | _                   | -                     |        | -                                    | _           | _       | -        |          |               | -              | -        | -                 | -                 | -  |                  | and the set has a produced and a state of the second of the   |
| Tweaty-fourth.            |                   | 1         |                      |                     | 1                     | I      |                                      |             | 1       |          |          | 1             | 1:             | 1        | 5                 | 13                | 3  | 13,288           | House of Rest for Consumptives, i; Home for Incurables, -; St. Joseph's Institute for Deaf Mutes, -; Thirt;<br>fifth Precinct Station, -; Peabody Home, -; St. Stephen's Home, -; N. Y. Skin and Cancer Hospital, -   |
| Gwenty-second.            |                   |           |                      | 2                   | 5                     | 4      |                                      |             |         | I        |          |               |                | 2        |                   | 57                | 50   | 28,338           |   |
|                           |                   |           |                      |                     | -                     |        |                                      |             |         |          |          |               |                | 1        | 1                 |                   |  |                  | of the Friendless, -: Emergency Hospital, 1; Colombine Home, -: Twenty-first Precinct,  |
| Twentieth<br>Twenty-first |                   |           |                      |                     | 3                     | 3      |                                      |             |         |          | 1.       |               |                | 1        | 9                 | 50<br>38          | 49   | 86,015<br>66,536 | -: Presbyterian Home, -: Deborah Nursery, -: Convent of Lady of Rosary, -: Maternity Hospital, :<br>St. Elizabeth's Hospital, -: St. Mary's Hospital, -: Faith Home, -: St. Vincent de Paul's Nursery, :<br>fellevue Hospital, r.: in Ambulances, -: Ophthalmic Hospital, -: Skin and Cancer Hospital, -: Hon   |
| Nineteenth                | 1,480.60          |           | 2                    | I                   | 8                     | 4      |                                      |             |         | 4        |          | - 4           | I              | 3        | 27                | 107               | 66   | 158,191          | Hospital, -; Hebrew Orphan Asylum, -; Institution of Mercy, -; Baptist Home, -; Dominic,<br>Convent -: Montefore Home r: Manhattan Eve and Far Hospital -: Twenty-fifth Precinct Statio   |
|                           |                   |           |                      |                     |                       |        |                                      |             |         |          |          |               | -              |          |                   |                   |  |                  | [St. Joseph's Home for the Aced, :: French Hospital, 4: Samaritan Home for the Aged, -: Babier's Belter,<br>Home of the Church of the Holy Communion, -: Finity Hospital, -: Information, S. Andrews' Hol,<br>Howe Vork Hospital, 5: Post Graduate Hospital, -: Home for Respectable Aged and Indigent Females,<br>Willard Parker Hospital, 3: N. Y. Informary for Wome and Chultern, -: Skin and Cancer Hospital,<br>Presbyterian Hosp, 4: German Hospital, I', Home for Respectable Aged and Cancer Hospital,<br>Presbyterian Hosp, 4: German Hospital, I', Nursery and Child's Hospital, I's St. Lake<br>Hospital and College, -: City Lunatic Asyum, 3: Aimshouse, 6: Penitentiary, I: Small-pox Hospit<br>-: Charity Hospital, 7: Colored Home Hospital, I': Nursery and Child's Hospital, I's Lake<br>-: Home for the Azed Luitle Sisters of the Poor, -: Channe Home for the Azed, -: Hahneman |
| Eighteenth                | 449.89            | 1         |                      | 3                   | I                     |        |                                      |             | I       |          |          | . 1           |                | 1        | 7                 | 23                | 15   | 66,611           | Willard Parker Hospital, 3; N. Y. Infirmary for Women and Children, -; Skin and Cancer Hospital,<br>(Presbyterian Hosp., 4; German Hospital, 1; Mt. Sinai Hospital, 2; Foundling Asylum, 7; Wome  |
| Seventeenth               | 55-               | 1         | I                    |                     | 1                     | I      |                                      |             |         |          |          |               |                |          | 8                 | 36                | 36   | 104,837          | Lodge and Association Hospital, -; N. Y. Lying-in Home, -; Eye and Ear Infirmary, -; St. Andrew's Ho<br>(New York Hospital, 5: Post Graduate Hospital, -: Home for Respectable Aged and Indigent Females  |
| Sixteenth                 | 54-11             |           |                      |                     | 4                     | I      |                                      |             | I       |          | •••      |               |                | 1        | 7                 | 33                | 28   | 52,188           | Home of the Church of the Holy Communion, -; Trinity Hospital,  |
| Fifteenth                 |                   |           |                      |                     |                       |        |                                      |             |         |          |          | . 1           |                | 1        | I                 | 1                 | 9  | 31,882           | Fifteenth Precinct Station, -; Mission of Immaculate Virgin, -; St. Benedict Home,  |
| Thirteenth                | 96                | ::        | 2                    |                     | 2<br>1                | ::     |                                      | ::          | ::      | 1        |          |               |                | 1::      | 5 2               | 20<br>16          | 20<br>16                                     | 37,797<br>30,171 | Twelfth Precinct Station, -; Fifth District Court,<br>R. C. Orphan Asylum, -; Lying-in-Asylum, -; Fourteenth Precinct Station, -; House of Detention,   |
| I welfth                  |                   |           |                      | 2                   | 5                     | 2      |                                      |             |         | I        |          |               | 5              | 2        | 17                | 82                | 65   | 81,800           | Insane, z: Unsectarian Home, -: Ward's Island, z: Kandall's Island, z: Bioomingdale Luna<br>Asylum, -: Magdalene Convent, -: Home of the Little Staters of the Poor, T: Riot Asylum, Randal<br>House of Refuge, -: Homeopathic Hospital, -: Hebrew Orphan Asylum, -: Manhattan Heprind,<br>St. Josephis Hospital, I: Harlem Hospital, I: Old Ladies' Home, -: Home for Aged and Infirm Hebrews  |
| Centh                     |                   | ::        |                      |                     |                       | <br>I  |                                      |             |         |          |          |               |                |          |                   |                   | 12 21  | 47,554 68,778    | Essex Street Prison, -: Eleventh Precinct Station, -: Ludlow Street Jafl,<br>St. Francis' Hospital, 7; Thirteenth Precinct Station,<br>(Reception Hospital, 99th street, 7; Laura Franklin Free Hospital, -; N. Y. City Asylum for t  |
| Vinth                     | 322               |           |                      |                     | I                     | 1      |                                      |             |         |          |          |               |                |          |                   | 28                | 20   | 54,596           | St. Vincent's Hospital, 8: Home for Old Men and Aged and Couples, -; Jefferson Market Prison,   |
| eventh                    |                   | ::        |                      |                     | 4                     |        |                                      |             |         |          |          |               |                | 1.1      | 6                 | 24<br>25          | 23<br>25                                     | 50,066<br>35,879 | Seventh Precinct Station, -; Gouverneur Hospital, 1; Deborah Nursery,<br>Eighth Precinct Station, -   |
| Sixth                     | 86                |           |                      |                     | I                     | 2      |                                      |             |         |          |          |               | 1              | 1        | 3                 | 15                | 14   | 20,196           | City Prison, -: Home of Industry, 1: Centre Street Dispensary, -: Sixth Precinct Station,   |
| Fourth<br>Fifth           | 83                | ::        |                      |                     | 2                     | 1      |                                      | 1           |         |          |          | . 1           | 1              | 1.1      | 4 2               | 13                | 13   | 20,996<br>15,845 | Fourth Precinct Station, -; Mission Home, -; St. James Home, -; Sailor Home, -; Newsboys' Lodgi<br>Fifth Precinct Station, -; Trinity Infirmary, 50 Varick street,  |
| Third                     | 05                |           |                      |                     | 2                     |        |                                      |             | I       |          |          |               |                |          | 3                 | 8                 | 6  | 3,582            | Second Precinct Station-house,  |
| First                     |                   |           |                      |                     |                       |        |                                      |             |         |          |          |               |                |          |                   | 6                 | 6  | 17,939           | Castle Garden and Emigrant Depot, -; Floating Hospital of St. John's Guild, -; First Precinct Station, Second Precinct Station, house -   |
| _                         |                   | Small-pox | Measles.             | Scarlatina          | Diphtheria            | Croup. | Whooping                             | Typhus F    | Typhoid | Malarial | Puerpera | All Diarrheal | Cerebro-Spinal | Other Zy | Total De<br>Zvmot | Total Deaths from | Total Dea                                    | Total Pop        |   |
|                           |                   |           |                      |                     | ia.                   |        | g Cough                              | ever.       | Fever.  | Fevers.  | l Fever. | hœal          | Spinal         | motic    | athsfre           | ths fror          | Deaths, exit                                 | Population       |   |
| WARDS.                    | AREA<br>IN ACRES. | -         |                      |                     | 1                     | 1      |                                      | 1           | 1       | 1        |          |               | ses.           |          | om<br>ases.       | n all C           | clusive<br>hose ii                           | E .              | Remarks.  |
|                           |                   | A         | tual                 | Mor                 | tality                | dur    | ing t                                | he W        | eek e   | ndin     | g N      | wemi          | ber I          | 2, 18    | 887.              | ause              | e of<br>n Pul                                | Wards),          |   |
|                           |                   | N.        | TINA<br>FEVI<br>FEVI | , D<br>ER,<br>ER, I | TYPE<br>TYPE<br>DIARK | HERIA  | THS<br>A, C<br>FEVE<br>L MA<br>DISEA | ROUP<br>ER, | MAL.    | ARIA     | PING     | COL           | GH,<br>s, P    | TYP      | HOID              | s                 | exclusive of<br>those in Public Institutions | , Census of      |   |
|                           |                   |           |                      |                     |                       | -      |                                      | -           |         |          |          |               |                | c        |                   |                   | .2   | 1880             |   |

\* Refers to the number of death certificates received.

Very respectfully submitted,

## DECEMBER 2, 1887.

## THE CITY RECORD.

3403

|        | Con    | LOR.     |       | SEX.    |             |          |         | N              | ATIVI          | TY OF F               | ARENT    | s.                     |          |             | NA<br>OF C |             |
|--------|--------|----------|-------|---------|-------------|----------|---------|----------------|----------------|-----------------------|----------|------------------------|----------|-------------|------------|-------------|
|        |        |          |       |         |             |          |         | r only.        | er only.       | NATIV<br>FAT<br>STATE | HER      | NATIV<br>MOT<br>STATEI | HER      |             |            |             |
| TOTAL. | White. | Colored. | Male. | Female. | Not stated. | Foreign. | Native. | Foreign Father | Foreign Mother | Native.               | Foreign. | Native.                | Foreign. | Not stated. | Stated.    | Not stated. |
| 554    | 647    | 7        | 361   | 293     |             | 329      | 193     | 80             | 48             |                       |          | 2                      | 2        |             | 567        | 87          |

Marriages \* reported during the week ending November 19, 1887.

|        |       | Col     | OR.     |          |       |          |       | NATI    | VITY       |         |       |            |       |           |        | (         | COND  | ITION     | <i>i</i> . |           |             |             |
|--------|-------|---------|---------|----------|-------|----------|-------|---------|------------|---------|-------|------------|-------|-----------|--------|-----------|-------|-----------|------------|-----------|-------------|-------------|
| TOTAL. | aumm  | -errum  | undered | COLOKED. |       | FOREIGN. |       | NALIVE. | nome amona |         |       | NUTSTATED. | FIRST | MARRIAGE. | SECOND | MARRIAGE. | THIRD | MARRIAGE. | FOURTH     | MARRIAGE. | NOT OT ATON | NUL STATEL. |
|        | Male. | Female. | Male.   | Female.  | Male. | Female.  | Male. | Female. | Male.      | Female. | Male. | Female.    | Male. | Female.   | Male.  | Female.   | Male. | Female.   | Male.      | Female.   | Male.       | Female.     |
| 310    | 304   | 305     | 6       | 5        | 225   | 211      | 85    | 98      |            |         |       | I          | 279   | 284       | 27     | 25        | 4     | I         |            |           |             |             |

\* The returns of births, marriages, and still-births are incomplete.

Nativity of those who were Married, and the Parents of the Births and Still-Births, for the week ending November 19, 1887, and those who Died (actual mortality), week ending November 12, 1887.

|  |          | DEA   | THS.   | BIR  | THS.  | MARR   | IAGES.  | STILL-I   | BIRTHS   |
|--|----------|---|--|--|---|--|---|---|--|
| DECEASED   | Country. | Nativity of<br>Father.  | Nativity of<br>Mother.   | Nativity of<br>Father.   | Nativity of<br>Mother.  | Nativity of<br>Groom.                                  | Nativity of<br>Bride.   | Nativity of<br>Father.                                  | Nativity of<br>Mother.   |
| Boo Contraction Co | ustria   | 19<br>4<br>25<br>12<br>124<br>219<br>20<br>7<br>10<br>5<br>143<br>34<br>1<br>21 | 19<br>4<br>23<br>12<br>123<br>220<br>25<br>6<br>4<br>3<br>15 <sup>2</sup><br>37<br>3<br>19 | 26<br>8<br>12<br>14<br>168<br>82<br>9<br>25<br>4<br>5<br>241<br>4<br>1<br>55 | 26<br>9<br>24<br>9<br>131<br>86<br>6<br>25<br>6<br>4<br>275<br><br>53 | 17<br>1 96<br>87<br>50<br>5<br>2<br>7<br>85<br>1<br>29 | 19<br>3<br>9<br>5<br>74<br>11<br>52<br>4<br>2<br>8<br>98<br>1<br><br>24 | 2<br>1<br>2<br><br>5<br>9<br>2<br><br>13<br>10<br><br>5 | 3<br><br>13<br>13<br>11<br>8<br>2<br><br>2<br>16<br>4<br><br>6 |

Still-Births reported during the week ending November 19, 1887.

|        |       | Sex.    |             | Co     | DLO         | R.       |         | N        | ATIV        | TYC     | F        | -           |   |   | PER | TOD | of U | TERC | -GE | STATI | ON. |    |            |
|--------|-------|---------|-------------|--------|-------------|----------|---------|----------|-------------|---------|----------|-------------|---|---|-----|-----|------|------|-----|-------|-----|----|------------|
|        |       |         |             |        |             |          | F       | THE      | R.          | M       | OTHE     | R.          |   |   |     |     | MON  | тн.  |     |       |     |    | OF         |
| TOTAL. | Male. | Female. | Not stated. | White. | Not Stated. | Colored. | Native. | Foreign. | Not stated. | Native. | Foreign. | Not stated. | 1 | 2 | 3   | 4   | 5    | 6    | 7   | 8     | 9   | 10 | Unknown or |
| 67     | 37    | 30      |             | 66     |             | I        | 13      | 44       | 01          | 16      | 47       | 4           |   |   | I   | 8   | 3    | 7    | 2   | 11    | 34  | I  |            |

#### Deaths reported during the week ending November 19, 1887.

| TOTAL. | PLACE OF DEATH. |                                    |                                       |                   |                               |             |           |        |         |        |         |        | RESIDENCE. |      |             | CONDITION.     |                  |              |         |          |          |              |
|--------|-----------------|------------------------------------|---------------------------------------|-------------------|-------------------------------|-------------|-----------|--------|---------|--------|---------|--------|------------|------|-------------|----------------|------------------|--------------|---------|----------|----------|--------------|
|        |                 | (four<br>re).                      | three s.                              | rding-<br>houses. | , etc.                        |             | FLOORS.   |        |         |        |         |        |            |      |             | k City.        |                  | STATED.      |         |          |          |              |
|        | Institutions.   | Tenement-houses<br>families or mot | Houses containing<br>families or less | Boar              | In Rivers, Streets,<br>Boats, | Not stated. | Basement. | First. | Second. | Third. | Fourth. | Fifth. | Sixth.     | Top. | Not Stated. | New York City. | Outside New York | Not stated.† | Single. | Married. | Widowed. | Not stated.† |
| 670    | 139             | 350                                | 164                                   | 9                 | 8                             |             | 7         | 115    | 168     | 123    | 73      | 34     | 3          |      |             | 654            | 16               |              | 81      | 210      | 99       | 280          |

Principally ch

## LAW DEPARTMENT.

Statement and Return of Moneys received by WILLIAM A. BOYD, Corporation Attorney, for th month of November, 1887, rendered to the Comptroller, in pursuance of the provisions of social 26, Article 1, Chapter V. of the Revised Ordinances of 1866; and of Sections 38 and 96 of Chapter 335 of the Laws of 1873.

| TOTAL<br>MOUNT. | COSTS.           | PENALTIES.   | UDGMENTS.  |   | DATE. WHAT FOR.                              |   |    | DATE |
|-----------------|------------------|--|--|---|--|---|----|------|
| \$7 13          | \$2 13           | \$5 00   |  | nces<br>ioners of Public  | 1887.<br>Nov. 1<br>" 1                       |   |    |      |
| 66 00           |                  |  |  | on vs. Charles  | d Correctio                                  | Charities and   |    |      |
| 26 30           |                  | 66 00  |  | hrens   | Theodore B                                   | Behrens and   |    |      |
|                 | 11 39            | 15 00  |  | nces  | ation Ordina                                 | Violation Corpora   | 2  | **   |
| 41 39<br>12 13  | 6 39             | 35 00  |  |   | "  | "   | 3  | **   |
|                 | 2 13             | 10 00  |  |   | **   | 44  | 4  | "    |
| 15 00           |                  | 15 00  |  |   | "  | **  | 7  | **   |
|                 |                  | 10 00  |  |   | **   | 16  | 9  | 16   |
| 12 13           | 2 13             | 10 00  |  |   | "  | **  | IO | **   |
| 2 50            | 2 50             |  |  |   | "  | "   | II | 44   |
|                 |                  |  |  | sioners of Public   | the Commis                                   | In the matter of  | II | **   |
| 57 00           |                  | 57 00  |  | s. James Ford.  | Correction v                                 | Charities and   |    |      |
| 7 50            | 2 50             | 5 00   |  | unces   | ation Ordina                                 | Violation Corpora   | 14 | **   |
| 7 00            | 2 00             | 5 00   |  |   | "  |   | 15 | **   |
| 119 63          | 14 63            | 105 00   |  |   | **   | "   | 16 | **   |
| 43 89           | 8 89             | 35 00  |  |   | **   | **  | 17 | **   |
| 29 63           | 9 63             | 20 00  |  |   |  |   | 18 | **   |
| 27 50           | 7 50             | 20 00  |  |   | "  |   | 10 | **   |
| 14 63           | 4 63             | IO 00  |  |   | "  | "   | 21 | **   |
| 40 00           | 10 00            | 30 00  |  |   | 62   | "   | 21 | **   |
| 10 00           | 5 00             | 5 00   |  |   | "  |   |    | **   |
| 22 50           | 7 50             | 15 00  |  |   |  |   | 23 |      |
| 7 50            | 2 50             | 5 00   |  |   | "  |   | 25 |      |
| 2 50            | 2 50             |  |  |   | "  |   | 28 | **   |
| 42 50           | 2 50             |  | \$40 00  |   | "  |   | 29 |      |
| 4- 5-           | - 50             |  | \$40 00  |   |  |   | 30 |      |
| \$624 45        | e case<br>of the | s and Correction<br>prens<br>loor Poor, in the<br>s and Correction | Theodore Beh<br>dent of Out-d<br>ablic Charities | Blake, Superinter<br>ommissioners of P<br>arles Behrens and<br>Blake, Superinten<br>ommissioners of P | ex rel. the Co<br>fork vs. Cha<br>to William | Amount paid over<br>of the People of<br>City of New Y<br>Amount paid over<br>of the People of |    |      |
|                 | 57 00            |  |  | es Ford   | lork vs Iam                                  | City of New V   |    |      |
|                 | 67 25            |  |  |   | ora es. Jam                                  | Disbursements   |    |      |
| 190 25          |                  |  |  |   |  | Disbuiscincines   |    |      |
| \$434 20        |                  |  |  | City  | ce due the                                   | Balan   |    |      |

## EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE, NEW YORK, November 28, 1887.

MAYOR'S OFFICE, NEW YORK, November 28, 1887. Whereas, It is provided in and by section twelve of chapter seven hundred and eighteen of the faves of eighteen hundred and eighty-seven, entitled "An Act to provide for the recording to limited areas," that if it shall be determined by the Mayor of said city and the Register of the City and County of New York that said act cannot go into operation at the time therein designated therefor, by reason of the non-completion of the map or indices referred to in said act, or for any other reason, thereupon said Mayor, by notice published in the City of New York, for the City of New York, for thirty days prior to the expiration of said time, may extend the time for said act to go into operation, and for the books, maps and indices in said act referred to to be completed, not exceeding six months from the time in said act designated therefor, and that said act, upon such publication, shall thereupon go into operation in said Register's office at the time so to be designated by said Mayor; and Mayor; and Mow, therefore, I, Abram S. Hewitt, Mayor of the City of New York, do hereby give notices, that I have extended and do hereby extend the time for said act to go into operation, and for other reason; Mow, therefore, I, Abram S. Hewitt, Mayor of the City of New York, do hereby give notices tooks, maps and indices to be completed, to the thirtieth day of June, in the year one thousand eight hundred and eighty-eight, which is hereby designated by me as the date upon which said act shall go into operation in said Register's office. MBRAM S. HEWITT, Mayor.

#### POLICE DEPARTMENT.

The Board of Police met on the 29th day of November, 1887.

Present-Commissioners French (President), Porter, McClave and Voorhis.

Leaves of Absence Granted. Sergeant Charles M. Granger, Ninth Precinct, two days, half pay. Patrolman Christian Merckle, First Precinct, five days, half pay. Report of the Superintendent enclosing \$50, fees for masked balls, was referred to the Treasurer to pay into the Pension Fund. Report of Captain Hooker, Twenty-ninth Precinct, on condition of East One Hundred and Eleventh and One Hundred and Twellich streets, was ordered on file. Report of the Treasurer's Bookkeeper on unexpended balances for 1886 was referred to the Comptroller.

Mask Ball Permit Granted.

Emil D. Francois, at Nilsson Hall, December 7.

Applications for Full Pay while Sick Denied.

Patrolman Michael Savage, Seventh Precinct. "James Sullivan, Fifteenth Precinct.

Applications Referred to Committee on Pensions.

Euphemia M. Davis, widow of David C. Davis, for pension. Emma F. Cope and Sarah E. Hennion, guardians of children of Gerard E. Beekman, for increase of pension.

Applications Referred to Commissioners Voorhis and McClave.

Applications Referred to Commissioners Voorhis and McClave. William E. Thorn and others—For appointment of John Foley as Stableman. J. N. Hegeman & Co.—For detail of an officer at Broadway and Eighth street. Sisters of Good Shepherd—For detail of officer at House of Good Shepherd. Patrolman Edward M. Reagan, Nineteenth Precinct, for transfer. Application of Patrolman Thomas Coughlin, Nineteenth Precinct, for promotion, was referred to the Board of Examiners for citation. Application of of the Gorham Manufacturing Co.—For appointment of James A. Murphy as Special Patrolman, vas referred to the Superintendent for report. Application of Patrolman Thomas granted. Application of Sergeant Michael M. Rooney, Twenty-first Precinct, for retirement, was referred to the Board of Sergeant Michael M. Rooney, Twenty-first Precinct, for retirement, was referred to the Good of Sergeant Michael M. Rooney, Twenty-first Precinct, for retirement, was referred to the Good of Surgeont for report. Application of the Counsel to the Corporation for return to writ in case of Edward Baumann, was referred to the Chief Clerk to furnish.

Communications Ordered on File.

Elizabeth Adler, relative to her son Julius. Nathan Seurs, President Sanitarium for Hebrew Children, thanking Board for detail of Patrol-man William Belton on excursions.

Communications Referred to Chief Clerk to Answer.

Exchange Bath Co., relative to permits for advertising. Charles M. Preston-Relative to blanks for appointment of Patrolmen.

#### THE CITY RECORD.

#### DECEMBER 2, 1887.

#### Communications Referred to the Superintendent.

From the Mayor—Sundry complaints, etc. From Board of Excise—Licenses rejected, 4 cases ; as to character, etc., of Charles Pilkington, No. 2313 Third avenue ; August Baur, No. 2412 Third avenue. From Commissioner of Street Cleaning—Relative to change of time for collection of ashes, etc. Transfer.

Pransfer. Patrolman John Cusick, from Thirty-first Precinct to Twenty-second Precinct. ' Resolved, That the Superintendent be directed to detail three officers at the store of Stern Bros., on West Twenty-third street, during the holidays, if they can be spared—Inspector Byrnes to name the officers to be so detailed. Resolved, That the Committee of Surgeons be directed to examine the following applicants for appointment as Patrolmen : Hubert Farrell, Francis Joseph Muller.

#### Resignation Accepted.

Edgar Castle, Special Patrolman.

William F. Reagan.

3404

#### Retired-all ave.

Patrolman John Murphy, Third Precinct, \$600 per year. Resolved, That permission be and is hereby given to the managers of the Masonic Fair to use two ballot-boxes, to be returned in good order at the close of the fair. Resolved, That the following changes be made in the boundaries of the Twenty-third and

Employed on Probation.

Twenty-fifth Precincts :

Twenty-fifth Precincts: The northern boundary of the Twenty-third Precinct shall be the centre line of Fifty-seventh street, from Fifth avenue to East river, and the northern curb-line of Fifty-ninth street, from the westerly curb-line of Fifth avenue to the centre line of Sixth avenue. The southern boundary of the Twenty-fifth Precinct shall be the centre line of Fifty-seventh street, from Fifth avenue to East river. Resolved, That the Superintendent be directed to transfer four Patrolmen to the Twenty-fifth Precinct avenue transfer four Patrolment to the Twenty-fifth

Resolved, That the resolution of the 25th instant, directing the opening of the new Twenty-Resolved, That the resolution of the 25th instant, directing the opening on Wednesday, November

fifth Precinct Station-house, be amended by making the that for optiming 30, 1887, at 6 o'clock P. M. Resolved, That the pay-rolls of the Police Department and force, and of the Central Depart-ment for the month of November, 1887, when properly audited and approved, be and are hereby ordered to be paid by the Treasurer-all aye. Resolved, That full pay while sick be granted to the follo: ing officers—all aye : Roundsman Herman Weiss, Twenty-seventh Precinct, from November 1 to November 30, 1887. Patrolman F. A. V. Terpening, Twenty-seventh Precinct, from November 12 to November 21, 1887.

1887. Patrolman Ellsworth S. Drew, Twenty-ninth Precinct, from October 16 to October 27, 1887. Resolved, That the Superintendent be directed to issue an order to the force, directing them to assume the winter hat on December 1, 1887, at 8 o'clock A. M.

Judgments-Dismissals-all aye.

Patrolman William Gibson, Ninth Precinct, under influence of liquor. "Patrick Masterson, Twenty-seventh Precinct, under influence of liquor. "Francis Murphy, Twenty-seventh Precinct, under influence of liquor. Adjourned.

WM. H. KIPP, Chief Clerk.

#### LAW DEPARTMENT.

The following schedules form a report of the transactions of the office of the Counsel to the Corporation for the week ending November 26, 1887: The Mayor, Aldermen and Commonalty of the City of New York are defendants, unless

SCHEDULE "A."

# SUITS AND SPECIAL PROCEEDINGS INSTITUTED. SUPREME COURT.

- SUPREME COURT. Daniel Hoffman—That assessment for Boulevard sewers, between 'One Hundred and Sixth and One Hundred and Fifty-third streets, on Ward Nos. 20 to 27, 20 to 32, Block 1187, and Ward No. 31, Block 1201, be declared void and to recover back, etc., \$455.40. Thomas B. Gilford—That assessment be reduced and for the excess paid February 15, 1883, for assessment for sewer in Avenue A, between Fifty-ninth and Sixty-first streets, with branches, on Ward Nos. 17, 18, 19 and 20, Block 86, 51, 592.28. The Mayor, etc., of the City of New York, vs. The Metropolitan Ferry Company—For possession of wharf premises at Eighth street and East river, held adversely by defendant since July 1, 1887, and damages for unlawful detention, \$20,000. The Citizen's National Bank of Yonkers—That assessment for Boulevard sewers, between One Hun-dred and Sixth and One Hundred and Fifty-third streets, on Ward No. 49, Block 1180, and Ward Nos. 15 and 45, Block 1181, be declared void, and that plaintiff recover back, etc., \$337-93.

\$337.93. David Frank-For excess of assessment paid for regulating, grading, etc., One Hundred and Sixth street, from Third avenue to East river, on Ward Nos. 39 and 40, Block 134, Twenty-first

David Frank—For excess of assessment paid for regulating, grading, etc., One Hundred and Sixun street, from Third avenue to East river, on Ward Nos. 39 and 40, Block 134, Twenty-first Ward, 5183.20.
The Mayor, etc., of the City of New York vs. Emeline Roach—For possession of dock premises at Eighth street and East river, held adversely by defendant since June 20, 1885, and for damages for unlawful detention, \$10,000.
In re petition of Joseph G. Mills, Trenor W. Park, Edwin M. Martin and others—To vacate an assessment for Sixty-sixth street outlet sewer, Eighth avenue to Tenth avenue, etc.

#### SUPERIOR COURT.

Dina Hake—For excess of assessment paid for regulating and paving Third avenue, between West-chester avenue and One Hundred and Sixty-third street, on Ward No. 93 and south half of 92, Map Nos. 43 and 44, \$385.76. COMMON PLEAS.

The People of the State of New York on the relation of Simon E. Bernheimer and August Schmid vs. The Department of Public Parks-Mandamus to compel granting to relators permission to lay pipes under the surface of the Riverside Park.

#### U. S. DISTRICT COURT.

Charles Marcellus, Jr. - Citation. S. B. New York Lighterage and Chartering Association et al. - Salvage, \$200.

#### SCHEDULE "B."

#### JUDGMENTS ENTERED AND ORDERS OF THE GENERAL AND SPECIAL TERMS.

JOH H. McCoy-Entered General Term order of reversal and ordering new trial with costs to abide the event.
Charles W. Lowerre et al. -Entered General Term order reversing judgment and overruling the demurrer with leave to plainiffs to reply twenty days after service of this order.
The Mayor, etc., vs. Jeremiah W. Dimick-Entered order overruling demurrer with costs, with leave to withdraw demurrer and answer in twenty days on payment of costs.
Matter of Joseph Kuntz (an alleged lunatic)-Order entered discontinuing action without costs by consent.

Matter of Joseph. Kunz (an angeer fundate)—Other enterer insommaning action without costs by consent.
George W. McLean, as Receiver, etc., vs. Edison Electric Light Company of Europe—Order entered discontinuing action without costs by consent.
Leonard W. Johnson—Judgment entered in favor of plaintiff for \$1,247.64, after trial, before Donohue, J., and jury.
The St. Paul Evangelical Church—Order entered reducing assessment pursuant to decision in re New York Lumber and Wood Turning Company.
Joseph Walsh—Entered General Term order denying plaintiffs motion setting aside verdict and directing judgment for defendants with costs.
Matter Michael Merz, One Hundred and Fifty-fifth street regulating, etc., award—Order entered confirming report of refere upon motion before Freedman, J.
Virgilio Del Genovese—Order entered denying motion for new trial on the minntes before Truax, J. New York, Lake Erie and Western Railroad Company—Decree entered in favor of libelant for \$182.01; on defense.

\$18.10; no defense. Thomas McCusker-Decree entered in favor of libelant for \$90.91 after trial before Brown, J. Catharine L. Ryan-Judgment entered in favor of the City, dismissing the complaint and for \$111.82 costs.

Charles McCay-Judgment entered in favor of plaintiff, \$146.20 after trial before O'Gorman J., and jury. James Earley-Judgment entered in favor of plaintiff for \$549.40 after trial before Allen, J., and

jury: jury: People ex rel. New York Electric Lines Company vs. John Newton as Commissioner of Public Works-Order entered denying motion for mandamus with costs before Potter, J. Joseph Walsh-Judgment entered in favor of the City, setting aside verdict and for \$196.45 costs, etc., against plaintiff upon order of General Term.

#### SCHEDULE "C."

People ex rel. William E. Demarest et al. vs. James A. Flack, as County Clerk, and The Mayor, etc.- Motion for mandamus submitted to Barrett, J.; decision reserved; D. J. Dean for the

etc.- Motion for manuanus submitted to barret, j.; decision reservet; D. J. Dean for the City. Charles McCay-Tried before O'Gorman, J., and jury; verdict directed for plaintiff for full amount claimed; W. Carmalf for the City. Matter New York and Harlem Railroad Co.-Motion to remove Commissioners made before Barrett, J.; denied without prejudice to going to General Term; D. D. Dean for the City. Alexander B. Crane, executor, etc.-Argued at General Term; decision reserved; G. S. Coleman for the City. Gustav Reetz-Tried before Truax, J. and jury ; verdict for plaintiff for \$2,000 ; E. J. Freedman for

the City. James Earley—Tried before Allen, J. and jury ; verdict for plaintiff for \$400 ; T. P. Wickes, for the

City. People of the State of New York, Simon E. Bernheimer and another vs. Department of Public Parks-Motion for mandamus argued before Bookstaver, J.; decision reserved; D. J. Dean

Jainey – Inter before match, if and party from the parameter of parameter of parameter of parameter of the State of New York, Simon E. Bernheimer and another vs. Department of Public Parks-Motion for mandamus argued before Bookstaver, J.; decision reserved; D. J. Dean for the City.
 Henry B. Metcall-—Tried before Beach, J., and jury; verdict for plaintiff for \$1,207; J. J. Townsend for the City.
 Claremont avenue opening—Motion to appoint Commissioners of Estimate and Assessment made before Barrett, J.; papers to be submitted; L. McLaughlin for the City.
 Claremont avenue opening—Motion to appoint Commissioners of Estimate and Assessment made before Barrett, J.; papers to be submitted; L. McLaughlin for the City.
 College avenue opening—Motion to appoint Commissioners of Estimate and Assessment made before Barrett, J.; papers to be submitted; L. McLaughlin for the City.
 College avenue opening—Motion to appoint Commissioners of Estimate and Assessment made before Barrett, J.; papers to be submitted; L. McLaughlin for the City.
 Brown place opening—Motion to appoint Commissioners of Estimate and Assessment made before Barrett, J.; papers to be submitted; L. McLaughlin for the City.
 Assessment made before Barrett, J.; papers to be submitted; L. McLaughlin for the City.
 East One Hundred and Fity-fith street opening—Motion to appoint Commissioners of Estimate and Assessment made before Barrett, J.; papers to be submitted; L. McLaughlin for the City.
 East One Hundred and Fity-sfith street opening—Motion to appoint Commissioners of Estimate and Assessment made before Barrett, J.; papers to be submitted; L. McLaughlin for the City.
 East One Hundred and Fity-sfith street opening—Motion to appoint Commissioners of Estimate and Assessment made before Barrett, J.; papers to be submitted; L. McLaughlin for the City.
 East One Hundred and Forty-sight street opening—Motion to ap

#### **CIVIL SERVICE SUPERVISORY** OFFICIAL DIRECTORY.

AND EXAMINING BOARDS.

CITY OF NEW YORK—CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS, SECRETARY'S OFFICE, ROOM II, CITY HALL, New York, June 3, 1887.

THOMAS COSTIGAN, Esq., Supervisor City Record:

DEAR SIR — The following amendment to Regulation 16 of the New York City Civil Service Regulations has been made :

Service Regulations has been made : If the appointing officer shall notify the Sec-retary of more than one vacancy at any one time, the Secretary shall certify to the appointing of-ficer for appointment, the names of as many persons as there are vacancies to be filled, with the addition of two names for the first vacancy and one name for every two vacancies in addition to the first.

BOARD OF ARMORY COMMISSIONERS.

Yours respectfully, LEE PHILLIPS, Secretary and Executive Officer.

CITY OF NEW YORK-CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS, SECRETARY'S OFFICE, ROOM 11, CITY HALL, NEW YORK, May 31, 1887.

THOMAS COSTIGAN, Esq., Supervisor:

Supervisor : DEAR SIR-The following resolution was passed by the Supervisory Board at their meet-ing, held May 27, 1887 : "Resolved, That in view of the inadequate space in the Secretary's office and in order to enable him more readily to discharge the business of the same, the Secretary is authorized to arrange the business of the office so that the same shall be open for personal interviews with appli-cants and the public during a part of the day only." Commissioner's Office. No. 31 Chambers street, 9 A. M. 10 4 P. M. JOHN NEWTON, Commissioner; D. LOWBER SMITH, Depury Commissioner

can's and the phone action, I hereby desig-nate the two hours between 2 and 4 o'clock in atternoon as the time for which the offices shall be open for personal interviews with applicants and the public.

Very respectfully, LEE PHILLIPS, Secretary and Executive Office

STATEMENT OF THE HOURS DURING WHICH all the Public Offices in the City are open for busines, and at which each Court regularly opens and adjourns, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts. EXECUTIVE DEPARTMENT.

No. 6 City Hall, 10 A. M. to 3 F. M. ABRAM S. HEWITT, Mayor; ARTHUR BERRY, Secretary and Chief Clerk.

Mayor's Marshal's Office. No. 1 City Hall, 9 A. M. to 4 P. M. FHOMAS W. BYRNES, First Marshal. GEORGE W. BROWN, Jr., Second Marshal

COMMISSIONERS OF ACCOUNTS. Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M. WM. PITT SHEARMAN, J. B. ADAMSON.

AQUEDUCT COMMISSIONERS Room 20. Stewart Building, 5th door, 9 A.M. to F.M. JAMES C. SPENCER, President; JOHN C. SHREHAN, Secretary; BERJANN S. CHURCH, Chief Engineer; J.C. LULLEN, Auditor.

THE MAYOR, Chairman : PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary. Address M. COLEMAN, Staats Zeitung Building, Tryon Row. Office hours, 9 A. M to 4 P. M.; Saturdays, 9 A. M.

EGISLATIVE DEPARTMENT

Office of Clerk of Common Council. No. 8 City Hall, 10 A. M. to 4 P. M. HENRY R. BERKMAN, President Board of Aldermen FRANCIS J. TWOMEY, Clerk Common Council.

DEPARTMENT OF PUBLIC WORKS.

Bureau of Chief Engineer. No. 31 Chambers street, 9 A. M. to 4 P M. GB W. BIRDSALL, Chief Engineer.

Bureau of Water Register. No. 31 Chambers street, 9 A M. to 4 P. M. H. CHAMBERS, Register. Bureau of Street Improvements. No. 31 Chambers street, 9 A. M. to 4 P. M. WM. M. DEAN, Superintendent.

Engineer-in-Charge of Sewers. No. 31 Chambers street, 9 A. M. to 4 P. M. CE Loomis, Engineer-in-Charge.

City Library. No. 12 City Hall, 10 A. M. 10 4 F. M. BERNARD JACOBS, City Librarian.

Bureau of Repairs and Supplies No. 31 Chambers street, G A. M. to 4 P. M. WILLIAM G. BERGEN, Superintendent. Bureau of Water Purveyor

No. 31 Chambers street, 9 A. M. to 4 P. M. ALSTON CULVER, Water Purveyor.

Bureau of Lamps and Gas. No. 31 Chambers street, 9 A. M. to 4 P. M. STEPHEN MCCORMICK, Superintendent.

Bureau of Streets. No. 31 Chambers street, 9 A. M. to 4 P. M. GEO. E. BARCOCK, Superintendent.

Bureau of Incumbrances No. 31 Chambers street, 9 A. M. to 4 P. M. JOHN RICHARDSON, Superintendent.

Keeper of Buildings in City Hall Park. MARTIN I. KEESE, City Hall

#### FINANCE DEPARTMENT.

Comptroller's Office. No. 15 Stewart Building, Chambers street and Broad-ray. 9 A. M. to 4 P.M. EDWARD V. LORW, Comptroller ; RICHARD A. STORRS, Veputy Comptroller.

Auditing Burcau. Nos. 19, 21, 23 Stewart Building, Chambers street an oroadway, 9 A. M. to 4 P. M. WILLAM J. LYON, First Auditor. DAVID E. AUSTEN, Second Auditor.

DAVID E. AUSTER, SECON AUMANT. Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. Nos. 31, 32, 35, 37, 39 Stewart Building, Chambers street and Broadway, 0 A. M. to 4 F.M. ARTEMAS S. CADY, Collector of Assessments and Clerk of Arrears.

Clerk of Arrears. Bureau for the Collection of City Revenue and of Markets. Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 F. M. JAMES J. KRESO, Collector of the City Revenue and Superintendent of Markets. GRAHAM MCADAM, Chief Clerk.

GRAMM MICADAM, Chill Clerk. Bureau for the Collection of Taxes. No. 57 Chambers street and No. 35 Reade street, Stewart Building. GEORGE W. MCLEAN, Receiver of Taxes; ALFRED VREDENBURGH, Deputy Receiver of Taxes. Bureau of the City Chamberlain.

Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M. WM. M. IVINS, City Chamberlain,

M. M. THYRS, City Chambertain, Office of the City Paymaster. No. 33 Reade street, Stewart Building, JOHN H. TIMMERMAN, City Paymaster,

#### LAW DEPARTMENT.

Office of the Counsel to the Corporation. Staats Zeitung Building, third floor, 9 A.M. to 5 P.M. turdays, 9 A.M. to 4 P.M. Morgan J. O'BELEN, Counsel to the Corporation NDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administra No. 49 Beekman street, 9 A. M. to 4 P. M. RICHARD J. MORRISSON, Public Administrator.

Office of the Corporation Attorney No. 49 Beekman street, 9 A. M. to 4 P M. WILLIAM A. BOYD, Corporation Attorney.

#### POLICE DEPARTMENT.

Central Office, No, 300 Mulberry street, 9 A.M. to 4 P. M. STEPHEN R. FRENCH, President; WILLIAM H. KIPP, Chief Clerk; JONN J. O'BRIEN, Chief Bureau of Elections,

DEPARTMENT OF CHARITIES AND CORREC-TION.

Central Office. 66 Third avenue, corner Eleventh street, 9 A. M. to

4 P. M. CHARLES E. SIMMONS, President ; GEORGE F. BRITTON

CHARLES E. SIMMONS, President; GRORGE F. BIITTON Secretary, Purchasing Agent, FREDERICK A. CUSHMAN Office hours, 9. A.M. to 4. P.M. Closed Saturdays, 12 M. Contracts, Proposals and Estimates for Work and Ma-terials for Building, Repairs and Supples, Bills and Accounts. 9 A.M. to 4. P.M. Closed Saturdays, 12 M RUFUS L. WILDER, General Bookkeeper and Additor.

#### FIRE DEPARTMENT.

Office hours for all except where otherwise noted from 9 A. M. to 4 P. M. Saturdays, to 12 M. Headqu

Nos. 157 and 159 East Sixty-seventh street. HENRY D. PURROY, President; CARL JUSSEN, Sec

Bureau of Chief of Debartment. CHARLES O. SHAY, Chief of Department,

Bureau of Inspector of Combustibles. PETER SEERY, Inspector of Combustibles.

Bureau of Fire Marshal. GE H. SHELDON, Fire Marshal.

Bureau of Inspection of Buildings RT F. D'OENCH, Superintendent of Buildings. Attorney to Department.

WM. L. FINDLEY.

Fire Alarm Telegraph. J. ELLIOT SMITH, Superintendent Central Office open at all hours.

Repair Shops. Nos. 128 and 130 West Third street. JOHN CASTLES, Foreman-in-Charge, 8 A. M. to 5 P. M.

Hospital Stables. Ninety-ninth street, between Ninth and Tenth avenues JOSEPH SHEA, Foreman-in-Charge. Open at all hours

#### HEALTH DEPARTMENT

No. 301 Mott street, 9 A. M. to 4 P. M. JAMES C. BAYLES, President : EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS. Emigrant Industrial Savings Bank Building, Nos. 49 nd st Chambers street, 9 d. M. to 4, P. M. M. C.D. Bonzen, President; CHARLES DE F. BURNS,

Arsenal, Sixty-fourth street and Fifth av to 5 P. M.

Office of Superintendent of 23d and 24th Wards. One Hundred and Forty-sixth street and Third ave-e, 9 A.M. to 5 P.M.

#### THECITY RECORD.

DEPARTMENT OF DOCKS.

BEFRANMENT OF DOCKS. Battery, Pier A, North River, 9 A. M. to 4 F M. L. J. N. STARK, President ; G. KERMIE, Secret+y. Office hours from 9 A. M. to 4 F. M. daily, except Satt days ; on Saturdays as follows ; from October 1 to Ju t, from 9 A. M. to 3 F. M.; from June 1 to September 2 from 9 A. M. to 2 M.

DEPARTMENT OF TAXES AND ASSESSMENTS Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Sturdays, 18 M. . Michael Coleman, President ; Floyd T. Smirth, Secretary.

Office Bureau Collection of Arrears of Personal Taxes Brown-stone Building, City Hall Park, o A. M. to 4 P. M. CHARLES S. BEARDSLEY, Attorney : WILLIAM COM-ERFORD, Clerk

DEPARTMENT OF STREET CLEANING. Nos. 31 and 32 Park Row, "World" Building, Room Nos. 31 and 32 Park Row, "World" Building, Rooms 1, 2 and 3, 9 A.M. to 4 P.M. JAMES S. COLEMAN, Commissioner ; JACOS SEABOLD, Deputy Commissioner ; R. W. HORNER, Chief Clerk,

CIVIL SERVICE SUPERVISORY AND EXAMIN-ING BOARDS.

# Room No. 11, City Hall. Room No. 11, City Hall. RET P. WHEELER, Chairman of the Supervisory LEE PHILLIPS, Secretary and Executive Officer.

BOARD OF ESTIMATE AND APPORTIONMENT. Office of Clerk, Staats Zeitung Building Room 5. The MAYOR, Chairman: CHARLES V. ADEE, Clerk,

#### REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M. JAMES J. SLEVIN, Register ; JAMES J. MARTIN, Deputy Register.

COMMISSIONER OF JURORS. Room 197, Stewart Building, Chambers street and CHARLES RELLAY, Commissioner ; JAMES E. CONNER, Deputy Commissioner

COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 F. M. JAMES A. FLACK, County Clerk; THOMAS F. GILROY, Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE. Second floor, Brown-stone Building, City Hall Park, A. M. to 4 F. M. RANDOLFH B. MARTINE, District Attorney; ANDREW D. PARKER, Chief Clerk.

THE CITY RECORD OFFICE, And Bureau of Printing, Stationery, and Blank Books No. 2 City Hall, 9. A. M. O 5 F. M., except Saturdays, on which days 9. A. M. to 3 F. M. THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Book-keeper.

#### BOARD OF ASSESSORS.

Office City Hall, Room No. 111/2, 9 A. M. to 4 P. M. WARD GILON, Chairman : WM. H. JASPER, Secretary.

BOARD OF EXCISE. No. 54 Bond street, 9 A. M. to 4 P. M. CHARLES H. WOODMAN, President ; DAVID S. WHITE, ecretary and Chief Clerk.

#### SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M. HUGH J. GRANT, Sheriff; JOHN B. SEXTON, Under Sheriff; BERNARD F. MARTIN, Order Arrest Clerk.

#### CORONERS' OFFICE.

Nos. 13 and 15 Chathan street, 8 A. M. to 5 P. M. Sun-days and holidays, 8 A. M. to 12, 30 P. M. MICHAEL J. B. MESSEMER, FERDINAND LEVY, FERDI-NAND EDMAN, JOHN R. NUCENT, Coroars; JOHN T. TOAL, Clerk to the Board of Coroners.

#### SUPREME COURT.

SOURCEALE COURT. Second floor, New County Court-house, opensat 10.30 A. M. CHARLES H. VAN BRUVT, Presiding Justice ; JAMES A. FLACK, Clerk ; THOMAS F. GILROV, Deputy County Clerk.

neral Term, Room No. 9, WILLIAM LAMB, Jr., Clerk. cial Term, Part I., Room No. 10, HUGH DONNELLY.

Special Term, Part II., Room No. 18, WILLIAM J Chambers, Room No. 19, WILLIAM J 1, Clerk hambers, Room No. 11, Walter Brady, Clerk, ircuit, Part I., Room No. 12, Sanuel Barry, Clerk ircuit, Part II., Room No. 14, Richard J. Sullivan, rki,

Cl

rk. Ircuit, Part III., Room No. 13, GEORGE F. LYON, Cle Clerk. Circuit, Part IV., Room No. 15, J. LEWIS LVON, Clerk Judges' Private Chambers, Rooms Nos 19 and 20 EDWARD J. KNIGHT, Librarian.

SUPERIOR COURT. Third floor, New Courty Court-house, II A. M. General Term, Room No. 35. Special Term, Room No. 33. Chambers, Room No. 33. Part I, Room No. 34. Part II, Room No. 35. Part III, Room No. 35. Judges' Private Chambers, Room No. 30. Naturnifaction Bureau, Room No. 30. Naturnifaction Bureau, Room No. 30. Naturnifaction Bureau, Room No. 30. Joint Sbodwick, Chief Judge; THOMAS BOESE, Chief Jerk. SUPERIOR COURT.

COURT OF COMMON PLEAS

Third floor, New County Court-house, 11 A. M. Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M Clerk's Office, Room No. 22, 9 A. M. to 4 P. M. General Term, Room No. 24, 11 o'clock A. M. to adial Term, Room No. 21, 11 o'clock A. M. to adjourn

Room No. 21, 10.30 o'clock A M. to adjou

ment Part I., Room No. 25, 11 o'clock A.M. to adjournment. Part II., Room No. 26, 11 o'clock A.M. to adjournment. Rett III., Room No. 37, 11 o'clock A.M. to adjournment. Rett III., Room No. 37, 11 o'clock A.M. to adjournment. Rett Alar L. LAWRENCE, Chief Justice; NATHANIEL JARVIS, Jr., Chief Clerk.

TETH STREET, from Tenth avenue to the Kingsbridge coal, in the City of New York. We have a stress of the stress o COURT OF GENERAL SESSIONS. No. 32 Chambers street. Parts I. and H. Court opens at 10 clock A.M. FREDERICK SMYTH, Recorder; HENRY A. GLDER-SLEFYE and RUFUE B. COWNNO, Judges of the said Court. Terms, first Monday each month. Jouns Sparkes, Clerk. Office, Room No. 11, 10 A.M. till

3405

laws amendatory thereof, or of chapter 40 of the Laws of 1852, as such area is shown upon our benefit map deposited as aforesaid. Fourth-That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the chambers thereof, in the County Court-house, at the City day of in the City 20 NeY York, on the two and the Court and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

port be confirmed. Dated New York, December 1, 1887. CHARLES A. HERRMANN, JOHN A. GOODLETT, JACOB P. BERG,

Commissioners. CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Com-monalty of the City of New York, relative to the opening of ONE HUDNED AND SEVENTY-THIRD STREET, from Tenth avenue to the Kings-bridge road, in the Twelfh Ward of the City of New

PURSUANT TO THE STATUTES IN SUCH Commonally of the City of New York hereby gives notice that the Coursel to the Corporation will apply to the Supreme Court in the First Judicial District of the State of New York, at a Special Term thereof, to be held at Chambers of said Court, in the Courty Court-house an the City of New York, on the 8th day of December, 1887, at to 30 ocfect, in the formoto of that day, or she appointment of a Commissioner of Estimate and Assessment in the Bayer proceeding in the place and stead of Augustus J. Require, deceased. Dated New York, November 3, 1887.

In the matter of the application of the Commissioners of the Department of Public Parks, for and on behalf of the Mayor, Aldermen and Commonativ of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of BURNSIDE AVENUE (although not yet named by proper authority), extending from Sedgwick ave-nue to Webster avenue, in the Jwenty-fourth Ward of the City of New York, as the same has been here-tofore laid out and designated as first-class street or road by said Department.

WE, THE UNDERSIGNED COMMISSIONERS

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Dated New York, October 10, 1887.

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK, No. 300 MULBERRY STRERT, NEW YORK, November 26, 1887.

TENTH AUCTION SALE OF UNCLAIMED PROPERTY; ALSO, POLICE AND CARTAGE PROPERTY.

VAN TASSELI. & KEARNEY, AUCTIONEERS, will sell at public auction at Police Headquarters, no. 300 Mulberry street, on Wednesday, December 7, 1897, at to o'clock A.M., the following articles : Watches, Geweiry, Silverware, etc., Men's and Women's Clothing, Revolvers and Pistols, Iron, Glass, Lamps, Rope, Chairs, Lacd, Carpet, Window-asah, Saddles, Harness, Blankets, Cloths, Water-coolers, Backet, Harness, Blankets, Cloths, Water-coolers, Bricket, Dasing, Blankets, Cloths, Water-coolers, Bricket, Dasing, Furniture, and miscellancous Bricket, Dasing, Furniture, And Miscellancous

CARROLL BERRY, Clerk.

EDWARD HOGAN, CHARLES PRICE, CHARLES REILLY, COmmissioners

JOHN F. HARRIOT, Property Clerk.

MORGAN J. O'BRIEN, Counsel to the Corporation, No. 2 Tryon Row, New York City

Dated New York, November 2, 1887

bridge

COURT OF SPECIAL SESSIONS. At Tombs, corner Franklin and Centre streets, daily t r0.30 A. M., excepting Saturday. Clerk's Office, Tombs.

CITY COURT. Cry Hall. General Term, Room No. 20. Trial Term, Part I., Room No. 20. Part III, Room No. 15. Special Term, Chambers, Room No. 21, 10 A. M. 104 F. 1 Clerk's Office, Room No. 10, City Hall, 9. A. M. 104 F. 1 David McKasaw, Chief Justice, Johns Rkin, Clerk.

OYER AND TERMINER COURT New County Court-house, second floor, southeast cor-ner, Room No. 12. Court opens at 10;2 of clock a. M. Clerk's Office, Brown-stone Building, City Hall Park, second floor, northwest corner, Room No. 11, 10 A. M. till 4P. M

#### DISTRICT CIVIL COURTS

DISTRICT CIVIL COURTS. First District—First, Second, Third and Fifth Wards, southwest corner of Centre and Chambers streets. Merk's office open from 9. Second Duritor—Fourth, Sith and Foureenth Wards, corner of Pearl and Centre streets, 9. A.M. to 4.P. M. CHARLES M. CLARXC, Dustice. Third District—Fourth Set Tenth Street. Court open daily (Sundays and legal holidays excepted) from 9.A.M. to 4.P.M. GRORE W. PARKER, Justice. Fourth District—Tenth and Sventeenth Wards, No porfirst street, corner Second avenue. Court opens 9.A.M. daily : continues to clase of business. ALFRED STRCICLER, Justice. Fridt, District—Second, Leivent, Mard And Thirteenth

ALFRED STECKLER, Justice. Fifth District—Seventh, Eleventh and Thirteenth ards, No. 15, Clinton street. Jons H. MCCARTHY, Justice. Sixth District—Eighteenth and Twenty-first Wards, o. 6, Union place, Fourth avenue, southwest corner of glueenth street. Court opens 9 A.M. deally i continues WILLIAM H. KELLY, Justice.

to close of business. WILLIAM K.KLLY, Justice. Sevenh District-Nineteenth and Twenty-second Wards, No. 15; East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holdays) and continues to the close of business. Ammoore Monetal, Justice. Eighth District-Sitteenth and Twentieth Wards, southwest corner of Twenty-second street and Seventh business. Clerk's office open from 0 A. M. to 4 P. M. each court day. On and after Monday, October 3, 18%, the trial days of this Court will be Mondays. Wednesdays and Fridays. FREDERCG. G. GEDNEY, Justice. Minth District-Twelfth Ward, No. 225 East One Hua-dred and Twenty-fifth street. HERAW P. McGown, Justice. Ulerk's office open didy if on Onr opens at ojf A.M. Tenth District-Twenty-third and Twenty-fourth Fifthy-eighth street.

A the nonity, nonity, Justice, Justice, Annew J. Roczess, Justice, Eleventh District-No. 979 Eighth avenue; Twenty-second Ward, and all that part of the Twelfth Ward lying south of One Hundred and Tenth street and west of Sisth avenue. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M. Luc C. Dessak, Justice.

POLICE COURTS. Judges-MAURICE J. POWER, J. HENRY FORD, JACOB PATTERSON, Jr., JAMES T. KILBRETH, JOHN J. GOEMAN, HENRY MURRAY, SOLON B. SMITH, ANDREW J. WHITE, CHARLES WELDE, DANIEL O'REILLY, PATRICK G.

GEORGE W. CERCHER, Secretary. Office of Secretary, Fifth District Police Court, One fundred and Ywenty-fifth street, near Fourth avenue. Furst District—Tombs, Centre street. Second District—Jefferson Market. Third District—Vo. 69 Essex street, near Lexington Fourth District—Fifty-seconth street, near Lexington

avenue. Fifth District—One Hundred and Twenty-fifth street, near Fourth avenue. Sixth District—One Hundred and Fifty-eighth street and Third avenue.

THE CITY RECORD. COPIES OF THE CITY RECORD CAN BE obtained at No. 2 City Hall northwest corner basement). Price three cents each.

SUPREME COURT.

In the matter of the application of the Department of Pathic Works, for and on behalf of the Mayor, Aldermen and Commonaly of the City of New York, relative to the opening of ONE HUNDRED AND SEVEN-TIETH STREET, from Tenth avenue to the Kings-bridge road, in the City of New York.

Police Department—City of New York, Office of the Property Clerk (Room No. 9), No. 300 Mulberry Street, New York, 1887.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of the City of New York, No 300 Mulberry street, Room No. 9, for the following property, now in his custody, without claim-nats: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc., also small amount money taken from prisoners and found by patrolmen of this Department

JOHN F. HARRIOT, Property Clerk

## DEPARTMENT OF PUBLIC CHAR-ITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION No. 66 THIRD AVENUE, New York, November 25, 1887.

THE UNDERSIGNED WILL SELL AT PUBLIC auction, for account of the Commissioners of Public Charities and Correction, at their office, No. 66 Thile avenue, on Wedne-day, December 7, 1887, at 11 o'clock A. M., the following articles, viz.:

Chartnes avenue, on Wedne-day, service, A. M., the following articles, viz. : 13,000 polunds Mixed Rags, more or less 20, Iron-bound Barrels, more or less 70, Iron-bound Barrels, more or less. -to be delivered at the foot of East Twenty-sixth street, and to be paid for as follows : Twenty-five per cent. of estimated value to be paid on day of sale and the remainder on delivery. R. E CLEARY, Storekeeper.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION, No. 66 THIRD AVENUE.

#### TO CONTRACTORS.

PROPOSALS FOR GROCERIES, GOODS, LIME AND CEMENT.

SEALED BIDS OR ESTIMATES FOR FURNISH-GROCERIES.

- DRY G

- 500 yards Linen Diaper. 5 bales Cotton Batts, 50 pounds each, 16 ounces to the pound.
- the pound. 250 dozen pairs Men's Socks. 25 great gross Suspender Buttons. 100 bunches Leather Laces.

#### LIME AND CEMENT.

LIME AND CEMENT. 30 barrels first quality Rosendale Cement. 35 barrels first quality Portland Cement. 30 barrels first quality Common Lime. 30 barrels first quality Common Lime. 30 barrels first quality Colorido of Lime.contain-ing not less than 32 per cent. of chloride. --will be received at the Department of Public Charites and Correction, in the City of New York, until 9.50 of clock a. W. of Friday. December 3, 1837. The person or persons making any bid or estimate shall turnish the same in a seale-encyclope, indorsed "Bid or Estimate his or their name or names, and the date of pres-entation, to the head of said Department, at the said office, on or before the day and hour above named, as which time and jlace the bids or estimates received will be and read. Tare Borse or Pumer.

nd read. The Board of Public Charities and Correction beserves the right to reject all bids or esti-artes if decembed to be for the fuelic interement s provided in section 64, chafter 410, Laws of

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tion. No bid or estimate will be accepted from, or a contract awarded to, any person who is in arrears to the Corpora-tion upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corpora-tion.

on." The form of the agreement, including specifications, and lowing the manner of payment, can be obtained at the fice of the Department.

Dated New York, November 21, 1887 CHARLES E. SIMMONS, President, HENRY H. PORTER. Commissioner, THOMAS S. BRENNAN, Commissioner, Public Charities and Correction

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION, No. 66 THIRD AVENUE, NEW YORK, NOVEMBER 23, 1887. J NACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Com-missioners of Public Charities and Correction report as follows :

allows: At Morgue, Bellevue Hospital—From Sixth Precine tation-house, unknown man ; aged about 40 years ; tet 8 inches high ; gray hair and eyes ; sandy mous the. Had on dark plaid coat and west, dark pants the. Had on dark plaid coat and west, dark pants and so that a start of the start of the start of the Unknown pant from Yo but the thin half of the water cheeses, sinks this, which bees. The main object of the use of water-meters is to enable this Department to detect and check the useless and un-water number to detect and check the useless and un-out the health and comfort of all the citizens, and this ob-the water wasted. The other of the theory of the theory of the water wasted in the theory of the theory of the law there wasted. The owner of the premises re-sponsible for the and undergreater of water subject through the law therefore holds the owner of the premises re-sponsible for the amount of water used or wasted. Notice is therefore hybrids the owner of the premises re-sponsible for the amount of water used or wasted of allowance will be made on account of water rents, no allowance will be made on account of water of water occurring through leaks, from defective service pipes or pants of buildings, though such leakage or waste may have occurred without the knowledge or consent of the owners of the buildings. Theremises become vacant, and are likely to remain vacant, they must notify this Department in writing, and that unless this requirement is complied with out deductions is over a set of the buildings.

nucles. That on dark plaid coat and vest, dark pans, brown striped hickory shirt, blue check shirt, brown cot-ton socks, gaiters. Unknown man from No. 107 Worth street; aged about 25 Years; 5 feet 11 inches high; dark brown hair; blue cytes. Had on dark coat, west and pants, brown calloo At Charity Hospital, Blackwell's laland. Photo aged 35 Years; 5 feet 17; inches high; dark brown hair; blue eyes. Had on when admitted black coat and pants, white shirt, blue dawers, black deryh tat, shoes. At Workhouse, Blackwell's Island.-William Dunn; aged 42 years. Committed November 5, 1857. John Boreeka; aged 47 years. Committed November 5, 1857. aged 41 years; 5 feet 116 November 5, 1857. John Boreeka; aged 47 years. Committed November 5, 1857. aged 41 years; 5 feet one inch high; black hair, gray dress. Had on when admitted black straw hat, black At Homzopathic Hospital. Ward's Island.-William Duck

eyes. Had on when admitted black straw hat, black dress, John Marker, Stand Marker, Stand Marker, Stand Marker, Stand eyes and hair. Had on when admitted brack failer black vest, gray pants, gaiters, black glazed cap. Michael Callahan; aged ay years; 5 feet 1 on chesh high; blue eyes, brown hair. Had on when admitted brown coat and vest, gray overalls, blucher shoes, gray fe han. Dum; aged eo years; 5 feet 1 inch high; gray eyes and hair. Had on when admitted brown calloo skirt and waist, black shawl, blue woolen hood. Nothing known of their friends or relatives. By order. G. F. BRITTON,

G. F. BRITTON, Secretary

DEFARTMENT OF PUBLIC CHARITIES AND CORRECTION, No. 66 THIED AVENUE, Ngw YORK, NOVEMBER 20, 1887. J NACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown of the Charge of the Com-missioners of Public Charities and Correction report as follows:

missioners of Public Charties and Correction report as follows: At Morgue, Bellevue Hospital, from New York Hospi-tal-Unknown man, aged about 4 oy cars; 5 feet 8 inches high: idark eyes; dark hair and moustache. Noclothing received with body. At Charity Hospital, Blackwell's Island — Stewart Campbell, aged 4 y vars; 5 feet 8 inches high; brown eyes; dark gray hair. Hid on when admitted brown cybes; dark gray hair. Hid on when admitted brown cybes; dark gray hair. Hid on when admitted brown cybes; dark gray hair. Hod on when admitted brown cybes; dark gray hair. Hod on when admitted brown cybes; dark gray hair. Hod on when admitted brown cybes; dark gray hair. Hod on when admitted black derby hat, here; and pants; congress gaiters, black felt hat. Nothing known of their friends or relatives. By order. C. F. BRITON,

By order

G. F. BRITTON,

DEPARTMENT OF PUBLIC WORKS.

DECEMBER 2, 1887.

East One Hundred and Forty-ninth street. East One Hundred and Fifty-third street. East One Hundred and Fifty-sixth street and Morris

renue. East One Hundred and Fifty-eighth street. East One Hundred and Sixty-first street. East One Hundred and Sixty-fifth street, Brook and ebster avenues. East One Hundred and Sixty-eighth street.

endover avenue. st One Hundred and Seventy-third street (former

ist One Hundred and Seventy-fifth street. ist One Hundred and Seventy-fifth street. remont avenue (75 feet wide east of the railroad).

Tremont avenue (r) rest value value value value value (r) Samuel street. East One Hundred and Eighty-shventh street. Pellam avenue. WoodIm zondard. Olin avenue. Convenient approaches to the various bridges by way of the adjacent streets and avenues are to be provided. Dated New York, November 22, 1887. M. C. D. BORDEN,

CITY OF NEW YORK, DEPARTMENT OF PUBLIC PARKS, Nos. 49 and 51 Chambers Street.

Jaby we nue and One Human nd Intervale avenue. Dated New York, November 22, 1887. M. C. D. BORDEN, WALDO HUTCHINS, THEODORE W. MYERS, J. HAMIDER NOIB, Commissioners of Public Parks.

CITY OF NEW YORK-DEPARTMENT OF PUBLIC PARKS, Nos 49 and 51 Chambers Street, November 10, 1887.

CHARLES DE F. BURNS,

DEPARTMENT OF PUBLIC PARKS, Nos. 49 AND 51 CHAMBERS STREET, NEW YORK, November 10, 1887.

CHARLES DE F. BURNS, Secretary.

No. 40 AND 37 CHAMBRES STREET.) New York, November 10, 1897. MOTICE IS HEREBY GIVEN THAT THE COM-musioners of the Department of Public Parks un the City of New York will, at their office, Nes. 49 and st Chambers street, in the Emigrants' Savange Bank Build-office A. st., hear and consider.) Control of the Contemportation of the Contemport and evidence that may then and there be officed in refer-ence to the contemplated change of width of Teasdale place, from Third arenue to Trinity avenue, in the Twenty-third Ward of said city, in pursuance of the provisions of chapter 71 of the Laws of 1897. The general character and extent of the contemplated Change is to reduce the width of said readale place. Parks, to 50 feet, as originally laid one. The map or plan showing such contemplated change is now on exhibition is aid office.

BOARD OF EDUCATION.

NAUTICAL SCHOOL.

NAUTICAL SCHOOL. Scalar of the Receiver of the second structure of the second of Education, No. 146 Grand street, and the second structure of the sec

Dated New York, November 30, 1887.

M. C. D. BORDEN, WALDO HUTCHINS, THEODORE W. MYERS, J. HAMPDEN ROBB, Commissioners of Public Parks.

DEPARTMENT OF PUBLIC WORKS, Commissioner's Office, No. 31 Chambers Street, New York, November 29, 1887.

RECORD.

NOTICE OF SALE AT PUBLIC AUCTION.

ON MONDAY, DECEMBER, 12, 1887, AT TI o'clock, A. M., the Department of Public Works will sell at public auction, by Messrs. Van Tässell and Kearney, Auctioneers, at the Corporation Yard, foot of Rivington street, East river, the following, viz. :

ABOUT 20 TONS OLD IRON. ABOUT 2,000 PIECES OF 6" VITRIFIED PIPE.

TERMS OF SALE. Cash payments in bankable funds at the time and place of sale, and the immediate removal of the articles pur-

JOHN NEWTON, Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, NO. 31 CHAMBERS STREET, NEW YORK, September 29, 1886.

PUBLIC NOTICE.

DERSONS HAVING ANY BUSINESS IN THIS Department which is not assigned to or transacted by the several Bureaux in the Department, and which should come under the immediate notice of the Commis-sioner of Public Works, are requested to communicate directly in person, or by letter the Communicate JOHN NEWTON, Commissioner of Public Works.

# DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, No. 37 CHAMBERS STREET, New YORK, June 21, 1887. )

PUBLIC NOTICE AS TO WATER RATES.

PUBLIC NOTICE IS HEREBY GIVEN THAT in compliance with the provisions of chapter 359, Work Curve, amending sections are and out of the New of Curve, amending sections are and out of the New of the following changes are made in charging and collect-ing water rents: 1st. All extra charges for water incurred from and after June 9, 1889, shall be treated, collected and returned in arrears in the same manner as regular rents have hereto-fore been treated. ad. In every building where a water meter or meters are now, or shall hereafter be in use, the charge for water by meter measurement shall be the only charge against such building, or such part thereof as is supplied through meter.

such building, or such part thereof as is supplied through meter. 3d. The returns of arrears of water rents, including the year 188, shall be made as heretofore on the confirma-tion of the tax lery by the Board of Aldermen, and shall 4th. Apenality of five dollars (§s) is hereby established, and will be imposed in each and every case where the rules and regulations of the Department prohibiting the use of water through hose, or in any other wasteful man-ner, are violated, and such pena tites will be entered on or property, and, if not collected, be returned in arrears in like manner as other charges for water. 3th. Charges for so-called extra water rents of every nature, imposed or incurred prior to June 9, 188, will be cancild of record on the bools of the Department. D. LOWER SMITH, Nos 49 AND 51 CUAMERS STREET, Normal Park, 1997 Normal Park, 1997

D. LOWBER SMITH, Deputy and Acting Commissioner of Public Works. DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, No. 31 CHAMBERS STREET, New York, November 10, 1886.

NOTICE TO CROTON WATER CONSUMERS.

NUMEROUS APPLICATIONS HAVE BEEN made to this Department by citizens clamming reductions or relates an bills for water supplied through meters, on the alleged ground of leakage caused by de-lective plumbing and worn-out service pipes, or by willful waste of water by tenants allowing the fancets to be turned on in full force in water-closets, sinks, etc., with-out the knowledge or consent of the owners of the prem-ises.

JOHN NEWTON, Commissioner of Public Works,

is on

p'ated

DEPARTMENT OF PUBLIC PARKS.

CITY OF NEW YORK, DEPARTMENT OF PUBLIC PARKS, Nos. 40 AND 51 CLAMBERS STREET. NOS. 40 AND 51 CLAMBERS STREET. TOTICE IS HEREBY GIVEN THAT THE COM-missioners of the Department of Public Parks, in December, 189, at ten o'clock A. M., at their office in the Emigrant Savings Bank Building, Nos. 40 and 31 Cham-bers street, in said city, hear and consider all statements, objections and evidence that may then and there be offreed in reference to the proposed plan, as amended, for the de-Vork and Harlem Railroad, and carrying certain streets, avenues, roads, boulevards and parkways in the Twenty-third and Twenty-fourth Wards over said railroad, in accordance with the provisions of chapter 721 of the Laws of Str.

exhibition in said office. The general character and extent of the contemp'ated changes is as follows: The raincad tracks are to be lowered in various parts, the maximum depression being about ten feet. Bridges will be required over the raincad at— East One Hundred and Thirty-eighth street. East One Hundred and Tory-fourth street.

accordance with the provisions of cha of 1887. The map showing the contempla exhibition in said office.

#### DEPARTMENT OF DOCKS (Work of construction under new plan.) DEPARTMENT OF DOCKS, PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 261.)

PROPOSALS FOR ESTIMATES FOR REMOVING THE EXISTING PIER KNOWN AS PIER 37, NEAR THE FOOT OF MARKET SLIP, EAST RIVER, AND FOR PREPARING FOR AND BUILDING A NEW WOODEN PIER AND APPROACH ON THE SITE OF SAID PIER, TO BE KNOWN AS PIER, NEW 29, EAST RIVER; AND FOR REPAINING THE EXIST-ING CRID-EULKHEAD THEREAT.

E STIMATES FOR BUILDING A NEW WOODEN near the foot of Market SID, East river, in place of Pier 37, East river; and for repairing the bulkhead at the foot of Market SID, East river; will be received by the Board of Commissioners at the head of the Department of Docks, at the office of Sid Department, on Pier "A", foot of Battery place, North river, in the City of New York, until 20 clock N. of

CLASS I.-CRIB-BULKHEAD

New Cribwork complete, including all Logs, Timbers, Spikes, Stone-filling, Earth-filling, Fenders, and Mooring-posts, Box-drains, Sewer Opening, etc., above top of front cap.

#### 7,000 cubic feet.

#### Feet B. M., measured in the work

- 2. Yellow Pine Timber, front cap, 12" x 12" ... 1,074 Note—The above quantities of timber are exclusive of extra lengths required for scarfs, laps, etc., and of waste.
- of waste. White Pine, Yellow Pine, Cypress or Spruce Piles. 47 (It is expected that these piles will have to be about 55 feet long, to meet the requirements of the speci-fications for driving.)

CLASS II. - NEW PIER AND APPROACH.

Feet B. M., measured in the work. 

Note—The above quantities of timber will require to be in lengths of 36 feet and upwards to meet the requirements of the specifications. Feet B.M.,

|        |              |           | work.  |
|--------|--------------|-----------|--------|
| Yellow | Pine Timber. | 12" X 14" | 13,101 |
| **     | "            | 12" X 12" | 98,693 |
| **     | "            | 10" X 12" | 5,917  |
| **     | **           | 10" X 10" | 000    |
| **     | "            | 9" X 12"  | 128    |
| **     | **           | 8" x 15"  | 1,300  |
| **     | 44           | 8" x 12"  | 870    |
| **     | "            | 8" x 10"  | 277    |
| 44     | **           | 8" x 8"   | 8,305  |
| **     | "            | 7" X 14"  | 327    |
| 44     | **           | 7" x 12"  | 1,862  |
| **     | "            | 7" x 9"   | 171    |
| **     | **           | 6" x 12"  | 4.302  |
| 44     | "            | 5" x 12"  | 1,525  |
| **     | "            | 5" x 11"  | 1,000  |
| **     | "            | 5" x 10"  | 21,540 |
| 44     | "            | 4" X 10"  | 56,026 |
| "      | "            | 2" X 4"   | 3,081  |
|        |              | -         |        |

Total..... 220,024

Norz.—The above quantities of timber may be in lengths of less than 36 feet. Norz.—Attention is called to article 75 of the speci-fications, allowing creosoting under certain condi-tions.

Feet B. M., measured in the work. .... 7,392

14

4. White Oak Timber, 8" x 12"..... 

(It is expected that these piles will have to be from about 65 feet in length to about 75 feet in length, to meet the requirements of the specifications for driving.

96 ngth, is for

driving.) 7. White Oak Fender Piles, about 55 feet long... 8. Vellow or White Pine Mooring Piles.....

#### THE CITY RECORD.

9. %" x 20", %" x 20", %" x 24", %" x 12", %" x 10", %" x 14", %" x 12", %" x 14", %" x 14", %" x 12", %" x 14", %" x 14", %" x 12", %" x 14", %" x 14", %" x 12", %" x 14", %" x

The estimates of the second a part of every estimate which shall apply to and become a part of every estimate rst. Bidders must satisfy themselves by personal exam-ination of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not at any time after the submission of an estimate, dis-pute or compliant of the above statement of quantities, nor assert that there was any misunderstanding in regard to ad. Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the compensation beyond the amount payable. For each class of the work before mentioned, which shall be actually performed at the price therefor, to be specified by the lower bidder, shall be due or payable for the entire work to a does under the contract is to be com-

<text><text><text><text><text><text>

ise, upon any obligation to the Corpo The right to decline all the estimat es is reserved, if <text><text><text><text><text><text><text><text><text><text><text><text><text><text><text>

deemed for the interest of the Corporation of the City of New York. Bidders are requested, in making their bids or esti-mates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manuer of payment for the work, can be obtained upon application therefor at the office of the Department.

#### LUCIUS J. N. STARK, JAMES MATTHEWS, CHARLES H. MARSHALL, ioners of the Department of Docks. Commi

3407

EDWARD GILON, Chairman, PATRICK M. HAVERTY, CHARLES E. WENDT, VAN BRUGH LIVINGSTON, Board of Assess

PUBLIC NOTICE IS HEREBYGIVEN TO THE owner or owners, occupant or occupants of all

PUBLIC NOTICE IS HEREBYGIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been com-pleted and are lodged in the office of the Board of Asses-sors, for examination by all persons interested, viz. : List 3210, No. r. Paving First avenue, from Ninety-second to One Hundred and Ninth street, with granite-were allowing and the strength of the strength of parcels of land situated on-No. t. Both sides of First avenue, from Ninety-second to One Hundred and Ninth street, and to the extent of half the block at the interesting streets; in ad laso the coary of the City of Ninety-work are afforded by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office. No. 1742 (TH Hall, within thirty days "The back of the since."

AOUEDUCT COMMISSION. AQUEDUCT COMMISSIONER'S OFFICE, ROOM 209, STEWART BUILDING, NO. 280 BROADWAY, NEW YORK, November 17, 1887. TO CONTRACTORS.

TO CONTRACTORS. BIDS OR PROPOSALS FOR DOING THE work and furnishing the materials called for in the the data of the second second second second am and work connected therewith on the East Biand of the Croton river, in the Town of Southeast, Putnam County, New York, will be received at this office until Wednesday, the 7th day of December, 1887, at 3 of dock they opened by the A queet here they will be pub-satisfies the second second second second second they opened by the A queet by said Commissioners as thereafter as practicable. Blank forms of said approved contract and the speci-tions of said approved contract and the speci-tions of said approved contract. Bus forms for said work, and all other inform and can be obtained at the above office of the Aqueeta Com-missioners, on application to the Secretary. Brue Communication of the Secretary. Box Communication of the Aguedant Composition of the Commissioners. Bank forms of the Aquedant Commissioners. Bank forms of the Aquedant Commissioners. Bank forms of the Aguedant Commissioners. Bank forms of the Aguedan

JOHN C. SHEEHAN, Secretary.

uct Commissioners. JAMES C. SPENCER, Presid

of this notice. described lists will be transmitted, as pro-to the Board of Revision and Correction its for confirmation, on the 23d day of

EDWARD GILON, Chairman. PATRICK M. HAVERTY, CHAS. E. WENDT, VAN BRUGH LIVINGSTON, Board of Assessors.

OFFICE OF THE BOARD OF ASSESSO NO. 11½ CITY HALL, NEW YORK, November 26, 1887.

vided by law, to of Assessments December, 1887.

FFICE OF THE BOARD OF ASSESSO No. 11½ CITY HALL. NEW YORK, November 22, 1887.

Dated New York, November 18, 1887.

#### CORPORATION NOTICE.

CORPORATION NOTICE. DUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of al-houses and loss, improved or unimproved lands affected through that the following assessments have been con-source of the same of the same of the same of the same start, for a same same same same same same same the same at intersecting streets, between Harlem river and One Hundred and Forty-seventh streets, or the stones and flagging in One Hundred and Fifty-thrid street, from a point sixty feet east of Seventh and One Hundred and Forty-seventh streets, and the same at intersecting streets, between Harlem river and One Hundred and Forty-seventh streets, form and one Hundred and Fifty-thrid street, from a point sixty feet east of Seventh and the same at intersecting streets, between the street, from a point sixty feet east of Seventh street, from a point sixty feet east of Seventh and the same at intersecting streets, between the street, from a point sixty feet east of Seventh and the same at intersecting streets, from North Third avenue to the same affecting and laying crosswalks in East One hundred and Fifty-furth street, from the westerly cubile of North Third avenue to the easterly curb-line of Curital avenue. The tags, No. 5. Regulating, grading, setting curb and fore Hundred and Fifty-first streets, form the westerly cubile of North Third avenue to the easterly curb-line of North Third avenue to the easterly curb-line of North Third avenue and the easterly curb-tine of North Third avenue and the easterly curb-tine of North Third avenue and the easterly curb-tine of North Third avenue and the easterly curb-and the strength of the wester. The tags, No. 5. Paving One Hundred and Second the Hundred and Fifty-first streets, fore on block bounded and the strength of the avenue. The tag soy, No. 5. Paving Gathy-seven the streets, from the sone to Paving tegling-seven the streets, from the sone to Paving tegling-seven the streets, from the sone to Paving tegling-se

List 250, No. 9, Pencing vacant lots on block bounded by Eighteenth and Ninteenth streets, Avenues B and List 250, No. 10. Paving Eighty, seven th street, from Madion to Park avenue. List 250, No. 11. Paving carriageway in One Hun-dred and Fith street, from the easterly crosswalk at First avenue to the bulkhead line on East or Harlem river, and laying crosswalks across One Hundred and Fith street from the easterly crosswalk at the street intersection of Pleasant avenue. Hundred and Fith street, from the easterly for Avenue. List 250, No. 13, Paving Washington street, from List 250, No. 14, Pencing vacant lots both sides of Ninety-ninth street, between Ninth and Tenth avenues. List 250, No. 15, Paving Crosswalks on the north. List 250, No. 16, Daving crosswalks on the north. List 250, No. 16, Sequing, crosswalks on the north. List 250, No. 16, Sequing, crosswalks on the north. List 250, No. 16, Daving Crosswalks on the north Hundred and Thirteenth street. List 250, No. 16, Sequing, crasswalks, curving and flagging One Hundred and Twenty-sinth street, from Twelfth avenue to the Hudson River Railroad. List 250, No. 17, Fencing vacant lots on block bounded by One Hundred and Seventeenth and One Hundred and Eighteenth streets, Eighth and St. Nicholas wills 250, No. 18, Setting curb, curter and flagging one Hundred and Seventeenth and One Hundred and Eighteenth streets, Eighth and St. Nicholas

fifth street, or the street of half the block at the intersecting streets. The street of half the block at the intersecting streets. The street of half the block at the intersecting streets. The street of half the block at the intersecting streets. The street of half the block at the intersecting streets. The street of half the block at the intersecting streets. The street of half the block at the intersecting streets and southwest corners of street, northeast, and the street, northeast and and the street of the street, northeast and southwest corners of Seventy-finite street, northeast, and the street, and the street and the street, and the street and the

List 2510, No. 17, Pencing vacant note on outcome bounded by One Hundred and Seventeenth and One Hundred not Eightheenth streets, Eighth and St. Nicholass List 2517, No. 18. Setting curb, gutter and flagging on Ninetieth street, from Eighth to Ninth avenue. List 2517, No. 25, Regulating, grading, curb and flag-ging One Hundred and Ninth Street, from Eighth avenue to Avenue St. Nicholas, curbing and flagging Ninety-Sutt Street, from Eight avenue to Avenue St. Nicholas, curbing and flagging Ninety-Sutt Street, from Boulevard to River-side Drive. No. 27, Regulating, grading, curbin gand flagging Ninety-fourth street, from Boulevard to River-side Drive. List 2515, No. 23. Curbing and flagging One Hundred and Seventeenth street, from Eighth to St. Nicholas Hundred and Distry-second street, from List 2516, No. 24. Curbing and flagging One Hundred and Seventeenth street, from Eighth to St. Nicholas Hundred and Nicholas No. 25. Corswallsk in Sirth avenue, on both aides, across the intersecting streets, from One Hundred and Seventy-eighth. No. 25. Corswallsk in Sirth avenue, Street, List 2570, No. 25. Corswallsk in Sirth avenue, on both sitts, across the intersecting streets, from One Hundred and Twenty-eighth. No. 25. Corswallsk in Sirth avenue, Street, Seventy-third, Seventy-fourth, Seventy-fifth, Seventy-section of West End avenue and Sventy-second, Seventy-third, Seventy-fourth, Seventy-fifth, Seventy-sexth, Eighty-eighth, Ninety-third, Ninety-sisth, Ninety-sexth, Eighty-eighth, Ninety-third, Ninety-sisth, Ninety-eight Avenue and Deventy-dured and First streets to the new curb line on West End avenue. List 250, No. 25. Corswalls was street, Seventy-fifth and Cue Hundred and Thirty-sisth streets, Seventh and Eighthore List 250, No. 25. Sever in Seventy-fourth street, List 250, No. 25. Sever in Seventy-fourth street, List 250, No. 25. Sever in Seventy-fourth street, Seventh and Tenth avenues.

Ist szy. No. 2. Fercing værat løts on block bunded by One Hundred and Thirty-sinh and One bunded by One Hundred and Thirty-fifth and One transmitter of the second street, between the second street, between the second street, between the second street of the second street o

#### 3408

# AQUEDUCT COMMISSIONERS' OFFICE, ROOM 209, STEWART BUILDING, NO. 280 BROADWAY, NEW YORK, November 24, 1887.

#### TO CONTRACTORS.

BIDS OR PROPOSALS FOR DOING THE WORK BIDSOR PROPOSALS FOR DOING THE WORK and familishing the materials called for in the ap-forved form of contract nove on file in the office of the spectra form of contract nove on file in the office of the spectra form of a start of the office of the work of the spectra for the spectra for the spectra work of the spectra for the spectra between spectra for the spectra for the spectra work of the spectra for the spectra for the spectra for the spectra for the spectra between spectra for the spectra for the spectra for the spectra between spectra for the spectra for the spectra for the spectra between spectra for the spectra for the

JOHN C. SHEEHAN, Secretary.

# EXECUTIVE DEPARTMENT.

## NOTICE TO ARCHITECTS.

IN ACCORDANCE WITH THE PROVISIONS OF chapter 37 of the Laws of 189, entilded 'An Act to provide for the erection of a building for Criminal Courts and other purposes in the City of New York,' the Commissioners of the Sinking Fund will receive plans and building provided for in the sid Art Cit, 188, for the connection with the City Hall and the new Court-house, in accordance with a general plan which has been ap-proved by the said Commission, and which can be examined at the office of the Comptroller. The plans submitted must give the elevation of the said building on all four sides and on the inner court, and must be accompanied by floor plans and specifications for theable the working drawing hids in subficient detail to estimate of the cost of the structure must accompany

endow use summer of the cost of the structure must accompany each plan in sufficient detail to enable the Commission to more than the sufficient detail to enable the Commis-sion to be the best sufficient be adjudged by the Commis-sion to be the best sufficient and the sufficient of the second best, a premium of FURE THOUSAND DOLLARS : for the bird best, a premium of THREE THOUSAND DOLLARS; for the fourth best, a premium of TWO DOLLARS; and for the fifth best, a DOLLARS and for the fifth best, a premium of TWO best, a premium of FOUR THOUGHEST THOU for the third best, a premium of THREE THOU DOLLARS: for the fourth best, a premium of THOUSAND DOLLARS, and for the fifth premium of ONE THOUSAND DOLLARS. all rest upon the Commission to award any plan which shall not be regarded as

The premised provides the provided of the second se

ABRAM S. HEWITT, Mayor and Chairn

## City of New York, November 1, 1887.

#### FINANCE DEPARTMENT.

CITY OF NEW YORK, FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, December 1, 1887.

#### . NOTICE TO PROPERTY-OWNERS.

I "New Vork City Consolidation Act of 1882," the Comptroller of the City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the following assessment lists, viz.:

Madison avenue and One Hundred and Eleventh street fencing, southeast corner. Manhattan avenue curbing and flagging, from One Hundred and Sixteenth to One Hundred and Twentieth street.

Morris avenue regulating, grading, setting curb and gutter stones and flagging sidewalks, from One Hundred and Thirty-eighth to One Hundred and Fifty-sixth

street. Pleasant avenue laying crosswalks, at the northerly and southerly sides of One Hundred and Fifteenth street. St. Nicholas place paving with I elfort. Macdaum pave-ment, from One Hundred and Fifty-fifth street to Avenue St. Nicholas. Westchester and St. Ann's avenues basin, northeast corner.

corner. Seventh avenue fencing, west side, between One Hun-dred and Twenty-eighth and One Hundred and Twenty-ninth streets, and on the north side of One Hundred and Twenty-eighth street for about 100 feet west of Seventh avenue, and on the south side of One Hundred and Twenty-ninth street for about 75 feet west of Seventh avenue.

avenue. Tenth avenue and One Hundred and Forty-first stree laying crosswalks, at intersection of. Twenty-first street and Thirteenth avenue basin, south

a weight at a construction of the street paying with trap-block payement, from the present payment to a line about 36 feet westerly, to the present bulkhead line at the North free westerly. Fifty-ninth street flagging, south side, between Fourth and Madison avenues. Sixty-second street and Avenue A basin, southwest

Sixty-second street and Avenue A basin, southwest corner. Sixty-second street setting curb-stones and flagging sidewark, between Eighth avenue and the Boulevard. Sixty-seventh, Sixty-sighth and Sixty-ninth streets New York Cornel as H davente and the land. Sixty-sixth street paving with trap-block pavement, from Boulevard to Tenth avenue. Sixty-seventh street paving with trap-block pavement, from Scond to Third avenue. Seveniteth street flagging, both sides, from Ninth to Tenth avenue. Seveniteth street traving with granite-block pave-ment, from Avenue A to First avenue. Eighty-first street avenue are bries street basins, southwest corners of, and Avenue A. Eighty-first street avenue. Eighty-first street avenue and flagging, from Avenue A to Avenue B

Eighty-third street paving with granite-block pave-ment, from the Boulevard to Riverside Drive. Entry-eighth street paving with granite-block pave-tighty-eighth street paving with granite-block pave-stones and flagting, from Tenth to Riverside avenue. Ninety-first street paving with granite-block pave-ment, from Fourth to Fifth avenue. Ninety-first street paving with granite-block pave-ment, from Ninth to Tenth avenue. Ninety-first street paving with granite-block pave-ment, from Ninth to Tenth avenue. Ninety-first street paving with granite-block pave-ment, from Ninth to Tenth avenue. Ninety-first and Ninety-sith streets fencing vacant lots, from Second to Third avenue. Ninety-second to Third avenue. Ninety-second to Third avenue. Ninety-second to Third avenue. Ninety-sith street sewer, between Nuth avenue and summit west of Ninth avenue.

THE CITY

Numery-share steel sever, between Boulevard and West Ed avenue. West Ed avenue. In the steel avenue of the steel avenue of the steel pavement, from Second to Third avenue. On - Hundrei and Third street sever, between Ninth and Tenth avenues. One Hundred and Sixth and One Hundred and Seventh streets feacing vacant lots, from Fourth to Madi-tic avenue.

Seventh streets feacing vacant lots, from Fourth to Madu-son avenue. One Hundred and Eighth street basins, northeast and southeast corners of Lexington avenue. One Hundred and Eighth street regulating and grad-ing, from Tenth avenue to the Boulevard. One Hundred and Tenth Street fencing vacant lots, north side, ninely feet east of Midd jencing vacant lots, one Hundred and Tenth Street fencing vacant One Hundred and Tenth Street fencing vacant One Hundred and Tenth Street fencing vacant One Hundred and Elevenh and One Hundred and Twelfth streets fencing vacant lots, from Madison to Fith avenue.

Twelfth streets fencing vacuus over, Fifth avenue. One Hundred and Twelfth street regulating, grading, setting curb-stones and flagging, from Eighth avenue to setting curb-stones and flagging, from Hundred and

Fifth avenue.
One Hundred and Twelfth street regulating, grading, setting curb-stones and flagging, from Eighth avenue to New avenue.
One Hundred and Twelfth and One Hundred and Thiriteenth streets fencing vacant lots, from Seventh to E. One Hundred and Thirteenth streets facing vacant lots, from Fourteenth streets facing vacant lots. Come Hundred and Seventeenth street sewers, between Fifth and Sixte anth and One Hundred and Seventeenth street, between Avenue St. Nicholas and Eighteenth street sewer, between Pifth and Eighteenth street sewer, between Pifth and Eighteenth street sewer, between St. Nicholas and Eighteenth street, between Avenue St. Nicholas and Eighteenth street sewer, between Pifth and Sixth avenues.
One Hundred and Eighteenth street sewer, between St. Nicholas to Eighth scrue St. Nicholas.
One Hundred and Twenty-first street paving with vacantee.
One Hundred and Twenty-first street paving with avenue St. Nicholas.
One Hundred and Twenty-second street fencing vacant lots, avenue, and vacantee.
One Hundred and Twenty-second street fencing vacant lots.

One Hundred and Twenty-second street fencing vacant lots, south side, between Seventh and Eighth

Vacant lots, south suce, about 100 feet west of Picusant and the provided and

St. Nicholas, and laying crosswalks at Avenue St. Nicholas. One Hundred and Thirty-sixth surcet and Lincoln avenue basin, northeast corner. One Hundred and Thirty-sixth and One Hundred and Thrys-swenth stress from Seventh trees from the stress of the stress and the stress of the stress and the stress of th

which was confirmed by operation or any sense of 20,8 20,8 20,9 Seventh and Eighth avenue. One Hundred and Porty-third street regulating, grad-ing, setting curb and guiter stones and flagging, from Wills to Brook avenue. One Hundred and Porty-eighth street regulating, grad-ing, setting curb and guiter stones and flagging and laying crosswalks, from North Third avenue to St. Am's scenae.

venue. One Hundred and Fiftieth street paving with granite-lock pavement, from Mott to Walton avenue, and laying

noce pavement, irom Moit to Waitonavenue, and laying crosswalks. One Hundred and Sixty-fifth street sewer and appur-tenances, from Washington to Third avenue, with a branch in Third avenue, between One Hundred and Sixty-fifth and One Hundred and Sixty-Curth streets. One Hundred and Sixty-sixth street sewer and appurtenances, between Washington and North Third

appurt

appurenances, letween Washington and North Thurg avenues. --which were confirmed by the Board of Revision and Correction of Assessments, November 11, 1887, and entered on the same date, in the Record of Titles of As-sessments, kept in the "Dareau for the Collection of of Water Rents," that unlet the Dareau for the Collection of of Water Rents," that unlet the collection of the benefit on any person or property shall be paid within sitzy days after the date of said entry of the assessments, interest will be collected thereon as provided in section of y of the said act provides that, "If any such assessment shall remain unpud for the period of sixty Titles of Assessments, it hall be the duty of the office authorized to collect and receive in terest thereon at the rate of seven per centum per annum, to be catcalized from the date of such enzy.

payment." The above assessments are payable to the Collector of Assessments and Clerk of Arraara, at the "Bareau for the Collection of Assessments and Arrears of Taxee and Assessments and of Water Rents," between the hours of 0, 4, M, and 2 r. M, and all payments made ther-on, on or before February 11, 1988, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of pay-ment.

FINANCE DEFARTMENT, BUREAU FOR THE COLLECTION OF TAXES, NO. 57 CHAMBERS STREET (STEWART BUILDING), NEW YORK, December 2, 1887.

RECORD.

#### NOTICE TO TAXPAVERS.

THE RECEIVER OF TAXES OF THE CITY OF New York hereby gives notice to all persons who

MOTICE IS HEREBY GIVEN BY THE Receiver of Taxes of the City of New York to all persons whose taxes for the year 1887 remain unpaid on the 1st day of November of soil dy ear that unless the st day of December of sail year he will due to be st day of December of sail year he will due to be and collect upon such taxes so remaining unpaid on the add the the taxes so remaining unpaid on the st day of anaary thereafter, interest upon the amount thereof a the rate of seven per centum per annum, to be calculated from October, 1887, the ay on which the assessment taxes and warrants therefor were delivered to the said by sections 62, 64, and 83, of the New York City Con-solution. Active the taxes the taxes the taxes the taxe the taxes the said by sections 62, 64, and 83, of the New York City Con-solution. Active Taxes the taxes that taxes the taxes taxes the taxes the taxes t THE RECEIVER OF TAXES OF THE CITY OF New York hereby gives notice to all persons who have omited to pay their taxes for the year 1837 to pay the same to him at his office on or before the first day of January, 1888, as provided by section 345 of the New York City Consolidation Act of 1882. Upon any such tax remaining unpaid on the first day of December, 1837, on eper centum will be charged, received and collected in addition to the amount hereof, and could be added to the antice of 1882. The same taxes are the same thereof is and collected in addition to the amount hereof of a ty, 1888, interest will be charged, received and collected upon the amount there faither at of seven per centum per anuum, to be calculated from the third day of Octo-ber, 1837, on which day the assessment rolis and warrants for the taxes of 1887 were delivered to the said Mecciver of Taxes, to the date of payment, pursuant to section 843 of said act.

GEORGE W. McLEAN, Receiver of Taxes.

#### CORPORATION SALE OF LEASE.

LEASE OF THE FOLLOWING-DESCRIBED A

A LEASE OF THE FOLLOWING-DESCRIED want ht, piece or paced of land, will be sold a public ancion for the terr paced of land, will be sold a used of the second comptroller of the City of New York, to wit: All that certain piece, parcel or plot of vacant land in the Ninteement Ward of the City of New York, bounded as follows: Beginning at a point on the southerly line of Eighty-second street, one hundred (no) feet westerly from the southwesterly cor-ner of Fourth avenue, and Eighty-second street, if more easterly parallel with said Eighty-second street, one hundred (no) feet; thence southerly and street me hundred (no) feet; thence southerly and street easterly parallel with said Eighty-second street, one hun-dred (no) feet; thence number (no) feet; thence easterly parallel with said Eighty-second street, and fourth avenue, one hundred (no) feet to the point or place of beginning. By order of the Camissioners of the lease will be an-nounced at the time of sale. By order of the Camissioners of the Sinking Fund. EUWARD V. LOEW, <text><text><text><text><text>

ale. nissioners of the Sinking Fund. EDWARD V. LOEW, Comptroller.

CITY OF NEW YORK-FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, November 25, 1887.

# CITY OF NEW YORK, FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, November 17, 1887.

## NOTICE TO PROPERTY-OWNERS.

In PURSUANCE OF SECTION 907 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the assessment list for the opening of Ninety-Fourth street, between First and Second avenues, which was con-firmed by the Supreme Court, November 4, 1887, and en-tered on the tight day of November, 1857, in the Record terrel on the tight day of November, 1867, in the Record length of Assessments and A in the "Birreau for the Col-lection of Assessments and A in the "Birreau for the Col-lection of Assessments and A in the the the start assessed for benefit on any person or property shall be paid within starty days after the date of said entry of the assessment, interest will be collected thereon as provided in section .og 6 staid "New York City Consolidation Act of 182."

Act of 182.3<sup>27</sup> I have here how how car you consolution Section 9.96 of the said act provides that, 'If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record for Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon, at the rate of seven per contum per annum, to be calculated from the date of such entry to the date of payment."

be calculated from the date of such entry to the date or payment." The above assessment is payable to the Collector of The above assessment is payable to the Collector of the Collection of Assessments and Arrears of These and Assessments and of Water Rents, "Room 37, Stewart Building, between the hours of 0, a. M. and at r. M. and all payments made thereon, on or before January 23, 1888, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at after that date will be subject to a charge of interest at Bureau to the date of payment. EDVARD V LOEW

EDWARD V LOEW,

# CITY OF NEW YORK, FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, October 20, 1887.

#### NOTICE TO PROPERTY-OWNERS.

In PURSUANCE OF SECTION 907 OF THE "New Yek City Consolidation Act of 1882," the Construction of the City of New York hereby gives public to the construction of the Section of the Section of the Section of Assessments and Arreat opening, between Edith are ensured and the Section of Section of Section Section of Section of Assessments and Arreat of The Section with were confirmed by the Supreme Court October 7, Section of Section of Assessments and Arreats of Taxes and Assessments and d'Water Rens." that unless the section of Section of Section of Assessments and Arreats of Taxes and Assessments and of Water Rens." that unless the section of the Section of Assessments and Arreats of Taxes and Assessments and d'Water Rens." that unless the section of the Section of Section of Assessments and Arreats of the Collected on the Assessments and Arreats of Taxes and Assessments and arreat will be collected threads and the section of Section Section Section Of Assessments and Assessments and the Collected threads and the Arreat of the Section of Assessments and Arreats of the Collected threads of the Section of Assessments and Assessments and Arreats of Taxes and Assessments and threads of the beried of sixely diverse of Assessments, is shall be the daty of the officer of Assessments and there for the beried of the section assessment and the taxe of entry threads the daty of the officer of Assessments and the section of the daty of the officer of Assessments and the section of the daty of the officer of Assessments and the section of the daty of the daty of the Assessments and the section of the daty of the officer of the Assessments are payable to the Collecter of the daty of the Assessments are payable to the Collecter of the daty of th

payment." The above assessments are payable to the Collector of Assessments and Clerk of Arrears at the "Burean for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," Room 37, Stew-art Building, between the hours of 9 A. N. and 2 F. M., and all payments made thereon, on or before December 97, 1889, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent, per annum from the date of Bureau to the date of payment. HEADQUARTERS FIRE DEPARTMENT, Nos. 157 & 159 EAST SIXTY-SEVENTE STREET, OTICE IS HERERY GIVEN THAT THE Board of Commissioners of this Department will-meet daily, at 10 o'clock A. M., for the transaction of

EDWARD V. LOEW,

FINANCE DEPARTMENT, BUREAU FOR THE COLLECTION OF TAXES, NO. 57 CHAMBERS STREET (STEWART BUILDING NEW YORK, NOVEMDER 1, 1887.

DECEMBER 2, 1887.

GEORGE W. McLEAN, Receiver of Taxes.

EDWARD V. LOEW,

EDWARD V. LOEW,

REAL ESTATE RECORDS.

THE ATTENTION OF LAWYERS, REAL Estate Owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the Official Industry and arches, is invited to these Official Industry and the City of New York from rear-fers of real estate in the City of New York from rear-of Records. Grandors, grantees, suits in equity, insolvents'

JURORS.

NOTICE IN RELATION TO JURORS FOR STATE COURTS.

OFFICE OF THE COMMISSIONER OF JURORS, ROOM 127, STEWART BUILDING, CHAMBERS STREEF AND BROADWAY, NEW YORK, June 1, 1887.

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FIRE DEPARTMENT.

HENRY D. PURROY, President RICHARD CROKER

Commissioners.

er of

CARL JUSSEN, Secretary.

CHARLES REILLY, Commissioner of Jurors.

CITY OF NEW YORK, FINANCE DEPARTMENT, COMPTROLLER'S OPFICE, October 11, 1887.

NOTICE TO PROPERTY-OWNERS.

NOTICE TO TAXPAYERS.