# For <br> PLANNED DEVELOPMENT AREA NO. 88 <br> MERCK RESEARCH LABORATORY 

33 AVENUE LOUIS PASTEUR
BOSTON, MASSACHUSETTS
DATED: May 15, 2012

## Introduction/Background:

On August 30, 2000, the Boston Redevelopment Authority ("BRA") approved an Institutional Master Plan ("IMP") for the Emmanuel College Campus ("Emmanuel 2000 IMP"). The Emmanuel 2000 IMP, as amended, included plans for development of a three-parcel "Endowment Campus", which was envisioned to be developed with uses that would support the development proposed on Emmanuel's Academic Campus. In conjunction with the Emmanuel 2000 IMP, Merck \& Co., ("Merck") obtained approvals for an approximately 300,000 square foot research and development building with below grade parking, located on Endowment Campus Parcel B, which it ground leases from Emmanuel. The zoning for this building, which was completed and occupied in 2004, was established pursuant to the Emmanuel 2000 IMP. The Emmanuel 2000 IMP expired in 2010.

In March 2012, Emmanuel filed a new proposed Institutional Master Plan for its Campus, which includes the Endowment Campus and Academic Campus ("Emmanuel 2012 IMP"). The Emmanuel 2012 IMP seeks authorization of certain additional development on the Academic Campus, as well as Parcel A of the Endowment Campus, all as more specifically described therein.

After consultation with the BRA, Emmanuel and Merck have determined that, rather than have the zoning for Parcel B established by an IMP which is subject to expiration, it is more appropriate for Parcel B to be designated as a Planned Development Area ("PDA") pursuant to Article 80C of the Boston Zoning Code ("Code"). Merck does not intend to make any changes to the permitted uses or dimensions of the development on Parcel B. Rather, it is pursuing PDA approval as a technical means of ratifying the zoning for Parcel $B$, which previously was established through the Emmanuel 2000 IMP.

In addition, Brigham and Women's Hospital ("BWH") now proposes to develop a new 360,000 square foot building for research/wet-laboratory purposes and 355 below-grade
parking spaces on Parcel C of the Endowment Campus. To that end, BWH has filed an amendment to its existing 2010 IMP ("BWH 2010 IMP ") to include its plans for Parcel C (the "BWH 2012 Amendment Project"). The BWH 2012 Amendment Project which is being proposed by BWH will be approved by virtue of an IMP Amendment in accordance with Article 80D of the Code and Large Project Review in accordance with Article 80B of the Code.

## Development Plan:

Pursuant to Section 3-1A and Article 80C of the Code, this plan constitutes the Planned Development Area Development Plan ("Development Plan") for the already existing Merck Research Laboratory ("MRL") building (the "Project"), located on what has been referred to as Parcel B of the Emmanuel College Endowment Campus (the "Site"). The Site is depicted on the locus map/PDA Overlay Plan attached hereto as Exhibit A; a legal description of the Site is attached hereto as Exhibit B.

As discussed above, the Project previously underwent Large Project Review and IMP Review; Certifications of Compliance and Consistency were issued by the BRA on April 11, 2001. A Building Permit was issued for the Project on April 11, 2002. A Certificate of Occupancy was issued for the Project on June 24, 2004. This Development Plan sets forth information about the Project, including its location and appearance of the structure, open spaces and landscaping, uses, density, traffic circulation, parking and loading facilities, access to public transportation, and dimensions of the structure. Upon approval, this Development Plan will constitute permanent zoning for the Site in accordance with Section 3-1A and Article 80C of the Code. This Development Plan consists of 8 pages of text plus Exhibits designated Exhibit A through Exhibit C. All references to this Development Plan contained herein shall pertain to such pages and exhibits.

## Proponent:

Merck, Sharp \& Dohme Corp., f/k/a Merck \& Co., Inc. ("Merck" or "Proponent"), a New Jersey corporation, is a global research-driven pharmaceutical company that delivers, develops, manufactures, and markets a broad range of human and animal health products, directly and through its joint ventures. Its business address is: One Merck Drive, Whitehouse Station, NJ 08889. The Project located on the Site was developed by Merck.

## Site Description:

The Site is an approximately 51,415 square foot parcel of land located off Avenue Louis Pasteur. It is directly adjacent to the Emmanuel College academic campus and the Longwood Medical and Academic Area ("LMA"). The Site is depicted on the locus map/PDA Overlay Plan attached hereto as Exhibit A ; a legal description of the Site is attached hereto as Exhibit B.

## Location and Appearance of Structure:

The Project as built is comprised of approximately 300,000 square feet of gross floor area and below grade parking on 5 levels for up to 249 cars. The building is 11 stories, 187 feet, with a 30 -foot penthouse for mechanical systems necessary for the operation of laboratory facilities within the building. A Building Permit was issued on April 11, 2002 and a Certificate of Occupancy for the Project was issued by the Inspectional Services Department ("ISD") for the City of Boston on June 24, 2004.

The building is shown in greater detail on the building permit plans approved by ISD on April 11, 2002 (the "Final Project Plans"). The Final Project Plans showing the location and appearance of the building are attached hereto as Exhibit C.

## Open Spaces and Landscaping

As shown on the Final Project Plans at Exhibit C, the footprint of the Project occupies substantially all of the land area of the Site and therefore does not incorporate significant landscaping or paving.

## Uses for the Site and Project

The Project building has a five-level below grade parking facility for up to 249 cars. The first floor contains the entrance lobby and a large auditorium for presentations by visiting researchers and medical practitioners, the garage entrance, and a fully enclosed loading dock. Upper floor uses include research laboratories, offices for researchers and administrative support staff, animal facilities, a computer room, and an employee cafeteria. The penthouse level above the eleventh floor houses equipment, mechanical rooms, cooling towers, and exhaust fans. These are the allowed uses for the Project and the Site.

## Dimensions of the Structure/Zoning

As permitted by the BRA in 2001, the Site has an FAR of 6.68, based on the ratio of 300,000 square feet of gross floor area of the Project to the total Site area of approximately 51,415 square feet. This represents a deviation from the underlying dimensional requirements of the Code. In accordance with Article 80, Section 80C, relief from the requirements of the Code in a PDA overlay district may be granted by the approval of the PDA Plan for the Project and the issuance of a Certification of Consistency pursuant to Section $80 \mathrm{C}-8$ by the Director of the BRA.

The Site lies partially within an $\mathrm{H}-2$ zoning district and partially within an $\mathrm{H}-3$ zoning district as established by the Code. Both such districts are characterized in the Code as "Apartment" districts, which allow most types of single- and multi-family dwellings. The proposed uses of the Project are either conditional or forbidden in these districts. The Site also is located within a Restricted Parking Overlay District, pursuant to which parking for nonresidential uses is a conditional use. The Site is also in the Groundwater Conservation Overlay District, governed by Article 32 of the Code.

## Number of Employees

The MRL has approximately 430 permanent employees. The following job categories are represented:

Laboratory: Senior Investigators; Technical/Professional Staff; Administrative/Clerical
Animal Resources Center: Veterinary Staff; Technicians
Building Operations: Staff

## Pedestrian and Vehicular Traffic Circulation

The Project is accessed from Blackfan Street off Avenue Louis Pasteur. Blackfan Street serves as the main entrance to the Project, as well as the entrance/exit point for the parking garage and loading dock.

Pedestrian access to the Project also is available to the Project from Blackfan Street and the Blackfan Extension and through the pedestrian network on the Emmanuel College academic campus, which provides pedestrian connections to The Fenway and Brookline Avenue.

## Parking and Loading Facilities

The Project has 249 parking spaces located on five levels of a below grade garage. Ten of the spaces are reserved for use by carpool/vanpool vehicles and ten spaces are reserved as handicapped spaces.

One off-street loading bay is provided within the ground level of the Project.

## Proposed Traffic Circulation

All vehicular access to the Project is from Blackfan Street.

## Access to Public Transportation

The Site is served by three branches of the MBTA Green Line which connect the Fenway/Longwood area with the Back Bay and downtown Boston, where connections to other subway lines can be made. They operate seven days a week, from 5:30 in the morning until 12:45 in the morning. Service is scheduled to run at least every 10 minutes during most of those hours, although service is less frequent during late evening and early morning hours. The MBTA currently operates ten bus routes that serve the Site. These routes are described below:

- Route 47: Service between Central Station in Cambridge and Andrew Station via the Longwood Medical Area, the South End Medical Area, and Dudley Square (service every 20 minutes during peak periods).
- Route 60: Service between Chestnut Hill and Kenmore Station via Brookline Village, Cypress Street, and Brookline Avenue (service 18 minutes during peak periods and 30 minutes during off-peak periods).
- Route 65: Service between Brighton Center and Kenmore Station via Washington Street, Brookline Village and Brookline Avenue (service every 25 minutes during peak periods and 30 minutes during off-peak periods).
- Route 8: Service between Harbor Point/UMass and Kenmore Station via Dudley Square and South End Medical Area (service every 25 minutes during peak periods and 45 minutes during off-peak periods).
- Route 8A: Service between Dudley Square and Kenmore Station via Ruggles Station and the South End Medical Area (service every 13 minutes during peak periods and 25 minutes during off-peak periods).
- Route 39: Service between Forest Hills Station and Back Bay Station via Huntington Avenue (service approximately every 5 minutes during peak periods).
- Route 66: Service between Dudley Square and Harvard Square via Brigham Circle . (service every 10 minutes during peak periods).
- Route 55: Service between downtown Park Street and Queensberry Street via Copley, Arlington, Park Street and Boylston Station (service every 30 minutes during peak periods and 60 minutes during off-peak periods).
- Route CT2: Service between Kendall and Ruggles via Vassar Street/Mass Avenue, Fenway Station, Beth Israel Deaconess Medical Center, Children's Hospital, Huntington/Longwood Avenues (service every 20 minutes during both peak and offpeak periods).
- Route CT3: Service between Beth Israel Deaconess Medical Center and Andrew Station via Children's Hospital, Avenue Louis Pasteur, Ruggles/Huntington, Ruggles Station (service every 20 minutes during both peak and off-peak periods).

In addition to MBTA bus routes, MASCO operates several shuttle routes that provide service to the Project site:

- Fenway Shuttle connects the LMA to the Kenmore lot. The route connects to the Landmark Center and Harvard Vanguard along Brookline Avenue. The shuttle operates on approximately 10 -minute headways in the morning peak hours and 8 -minute headways during the afternoon/early evening hours.
- Wentworth Shuttle provides access from the LMA to the Wentworth parking lot in the morning and to and from the Ruggles MBTA Station during the evening. The shuttle operates on approximately 6 - to 12-minute headways in the morning peak hours and 10-minute headways during the afternoon/early evening hours.
- Ruggles Express Shuttle connects the LMA to the Ruggles MBTA Station which provides access to the Orange Line, as well as multiple bus and commuter rail lines. The Sshuttle runs on 5 - to 10 -minute headways during the morning peak and 6 - to 10 -minute headways during the evening peak.
- Crosstown Shuttle connects the Crosstown Parking facility to the LMA. The morning peak period shuttle runs on 7 - to 12-minute headways, while the evening peak period operates on 10- to 12-minute headways.
- M6 Chestnut Hill connects Hammond Pond Park to the LMA while operating on 10-to 15-minute headways during both the morning and evening peak hours.
- M2 Cambridge-Harvard Shuttle connects Harvard and MIT in Cambridge to the LMA. The shuttle operates from 6:40 a.m. to 11:30 p.m. on 10- to 15-minute headways during peak times.


## Public Benefits

Since its approval in 2001, the Project has provided a number of public benefits to the City of Boston and the surrounding neighborhood, as described below. Overall, the Project has made mitigation and linkage payments totaling $\$ 2,452,363$.
a. Linkage: The Project has made a $\$ 250,900$ jobs payment as a Jobs Contribution Grant, and a $\$ 1,801,463$ housing payment as a Housing Contribution Grant.
b. Parks Improvement: The Project has made a $\$ 96,000$ payment to the City of Boston Parks and Recreation Commission for application to the restoration and enhancement of the portion of the Back Bay Fens located across The Fenway from the Emmanuel College campus.
c. Fenway Studios: The Project has made a $\$ 64,000$ payment to the Fenway Studios, an artists' loft community located in the Fenway neighborhood.
d. Other Mitigation/Community Benefits: The Project has made the following payments to the BRA for disbursement as set forth below:
a. $\$ 60,000$ for improvements to the Audubon Circle Area, including without limitation, sidewalk improvement, landscaping, street furniture, and upgraded street lighting.
b. $\$ 45,000$ as an unrestricted gift to the Fenway Community Health Center.
c. $\$ 40,000$ to the Friends of Rambler Park, Inc., a not-for-profit corporation, for application to the establishment of a new park to be located on Peterborough Street in the Fenway neighborhood.
d. $\$ 5,000$ to Little League Baseball Incorporated, a not-for-profit corporation which sponsors baseball for the City's youth.
e. $\$ 25,000$ to the Robert McBride house, a not-for-profit organization which provides housing for persons with HIV and AIDS.
f. $\$ 40,000$ to the City of Boston School Committee for application to the Boston Arts Academy.
g. $\$ 25,000$ to the Emerald Necklace Conservancy, a not-for-profit organization dedicated to the preservation of Boston's Emerald Necklace park system.
e. Real Estate Taxes: Merck pays approximately $\$ 1,309,000.00$ in real estate taxes on the MRL building annually.
f. Employment: The Project currently employs approximately 430 permanent employees.
g. Construction and Maintenance of Blackfan Extension: Merck spent close to $\$ 3,000,000$ on the construction of Blackfan Extension and annual contributes $50 \%$ of the costs of its operation and maintenance.
h. Maintenance and Furtherance of Boston's Position of Leadership Among the Educational and Medical Centers of the World.
i. Community Involvement: Since the opening of the MRL building in 2004, Merck has been an active participant within both the LMA community and the City of Boston. It regularly sponsors and/or participates in a number of youth science education events, including partnering with Citizen Schools to create a science-oriented after school program for at-risk middle school students; judging science fairs; mentoring local high school students; and participating in Museum of Science events for

National Chemistry Week. Overall, members of the MRL's Volunteer Committee dedicate approximately 400 hours each year to scientific outreach and local community programs. Merck also actively recruits interns and co-ops from both Emmanuel College, Northeastern University, and other colleges in the Boston area to work at the MRL, and fosters scientific exchange between MRL staff and staff and students at Emmanuel through lunches, symposia, and lectures by Merck scientists about drug discovery. The MRL also routinely allows local organizations and institutions, including the Healthcare Businesswomen's Association, MassBio, Harvard Medical School and Emmanuel College, to hold meetings and symposia in the building's atrium and auditorium.

## Development Schedule

Because the Project is already fully constructed and occupied pursuant to approvals received in 2001, no further development review is required. Contemporaneously with approval of this Development Plan, Merck intends to seek from the BRA Board authorization for the BRA Director to issue a Certificate of Consistency evidencing the Project's compliance with the terms of this Development Plan.
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$\square$
$\square$ Exhibit A


## Exhibit B

## Legal Description of the Site/PDA Overlay District

A certain parcel of land located on the west side of Fenway and north of Avenue Louis Pasteur in the City of Boston, in the County of Suffolk and the Commonwealth of Massachusetts bounded and described as follows:

Beginning at a point at the northerly sideline of a private way known as Blackfan Street, said point being N $50^{\circ} 26^{\prime} 15^{\prime \prime} \mathrm{W}$ and a distance Twenty Nine and Fifty-six Hundredths feet (29.56') from southwesterly corner of land now or formerly Beth Israel Deaconess Medical Center, Inc.; thence

| N $50^{\circ} 26^{\prime} 15^{\prime \prime} \mathrm{W}$ | a distance of One Hundred Twenty Three and Sixteen Hundredths feet (123.16') to a point; thence |
| :---: | :---: |
| N $41^{\circ} 11^{\prime} 34^{\prime \prime} \mathrm{E}$ | a distance of Two Hundred Forty Two and Sixteen Hundredths feet (242.16') to a point; thence |
| N 53¹2'54' W | a distance of Ten and Nine Hundredths feet (10.09') to a point; thence |
| N $38^{\circ} 03^{\prime} 20^{\prime \prime} \mathrm{E}$ | a distance of Ninety Seven and Five Hundredths feet (97.05') to a point; thence |
| N $52^{\circ} 04^{\prime} 03^{\prime \prime} \mathrm{E}$ | a distance of One Hundred Ten and Forty Five Hundredths feet (110.45') to a point; thence |
| S $51^{\circ} 56^{\prime} 40^{\prime \prime} \mathrm{E}$ | a distance of Ninety Three and Twenty One Hundredths feet (93.21') to a point; thence |
| S 38 ${ }^{\circ} 03^{\prime} 20^{\prime \prime} \mathrm{W}$ | a distance of Four Hundred Forty Nine and Two Hundredths feet (449.02') to the point of beginning. |

The above described parcel contains 51,403 square feet or 1.180 acres more or less in the City of Boston, MA

## Exhibit C

## Final Project Plans







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TO: BOSTON REDEVELOPMENT AUTHORITY AND
PETER MEADE, DIRECTOR
FROM: BRENDA MCKENZIE, DIRECTOR OF ECONOMIC DEVELOPMENT LINDA KOWALCKY, DEPUTY DIRECTOR FOR INSTITUTIONAL SECTOR DEVELOPMENT
SONAL GANDHI, SENIOR PROJECT MANAGER
SUBJECT: PUBLIC HEARING TO CONSIDER THE DEVELOPMENT PLAN FOR PLANNED DEVELOPMENT AREA No. 88 ("PDA") FOR THE MERCK RESEARCHLABORATORY ("MERCK")

SUMMARY:This Memorandum requests authorization for Boston Redevelopment Authority ("BRA" or "Authority") to: (a) approve pursuant to Section 80C-5.4 of the Boston Zoning Code (the "Code") the Development Plan for Planned Development Area No. 88 for Merck Research Laboratory, 33 Avenue Louise Pasteur ("PDA No. 88"); (b) petition the Boston Zoning Commission for approval of the Development Plan for PDA No. 88, Merck Research Laboratory and associated map amendment; and (c) take all actions and execute any and all documents deemed necessary and appropriate by the Director, in connection with No. 88.

## INTRODUCTION/BACKGROUND

Merck, Sharp \& Dohme Corp., f/k/a Merck and Co., Inc ("Merck"), a New Jersey corporation, is a global research-driven pharmaceutical company that delivers, develops, manufactures, and markets a broad range of human and animal health products, directly and through its joint ventures.

On August 30, 2000, the Boston Redevelopment Authority ("BRA") approved an Institutional Master Plan for the Emmanuel College ("Emmanuel") Campus ("Emmanuel 2000 IMP"). The Emmanuel 2000 IMP included plans for development of a three-parcel "Endowment Campus" which was envisioned to be developed in such a way that it would support the development proposed on Emmanuel's Academic Campus. In conjunction with the Emmanuel 2000 IMP, Merck obtained approvals for an approximately 300,000 square feet research and development building with belowgrade parking developed by Merck, located on Endowment Campus Parcel B, which Merck ground leases from Emmanuel. The zoning for this Merck building, which was
completed and occupied in 2004, was established pursuant to the Emmanuel 2000 IMP. The Emmanuel 2000 IMP expired in 2010.

At this time, Emmanuel and Merck have determined that it is appropriate for Parcel B to be designated as a Planned Development Area ("PDA") pursuant to Article 80C of the Boston Zoning Code ("Code"). Merck does not intend to make any changes to the permitted uses or dimensions of Parcel B. Rather, it is pursuing PDA approval as a technical means of ratifying the zoning for Parcel B obtained through the Emmanuel 2000 IMP.

## PROIECT SITE AND MERCK PROIECT

The PDA Project Site is an approximately 51,415 square foot parcel of land located off Avenue Louis Pasteur. It is directly adjacent to the Emmanuei College academic campus and the Longwood Medical and Academic Area ("LMA"). The Merck Project as built is comprised of approximately 300,000 square feet of gross floor area and below-grade parking on 5 levels for up to 249 cars. The building is 11 stories, 187 feet in height, with a 30 -foot penthouse for mechanical systems necessary for the operation of laboratory facilities within the building. A Building Permit was issued on April 11, 2002 and a Certificate of Occupancy was issued by the Inspectional Services Department ("ISD") for the City of Boston on June 24, 2004.

## PDA REVIEW

Merck submitted ITS Development Plan for Planned Development Area No. 88, Merck Research Laboratory, 33 Avenue Louis Pasteur ("PDA No. 88") on March 7, 2012, initiating a public comment period ending on April 21, 2012. Notice of the receipt by the BRA of PDA No. 88 was published in the Boston Herald on March 7, 2012. PDA No. 88 was discussed at joint Emmanuel College/ Brigham and Women's Hospital Task Force meetings on January 18, 2012 and March 19, 2012. Merck presented PDA No. 88 at the LMA Forum on March 26, 2012.

## RECOMMENDATION

BRA staff recommends that the Boston Redevelopment Authority ("BRA" or "Authority"): (a) approve pursuant to Section 80C-5.4 of the Boston Zoning Code (the "Code") the Development Plan for Planned Development Area No. 88, Merck Research Laboratory, 33 Avenue Louis Pasteur ("PDA No. 88"); (b) petition the Boston Zoning Commission for approval of the PDA No. 88 and the associated map amendment; and (c) take all actions and execute any and all documents deemed necessary and appropriate by the Director, in connection with PDA No. 88.

Appropriate votes follow:
VOTED: That in connection with the Development Plan for Planned Development Area No. 88, Merck Research Laboratory, 33 Avenue Louis Pasteur ("PD A No. $88^{\prime \prime}$ ), presented at a public hearing held at the offices of the Boston Redevelopment Authority ("BRA") on May 15, 2012, and after consideration of evidence presented at, and in connection with the Merck Research Laboratory project described in PDA No. 88, the BRA hereby finds that in accordance with Article 80C of the Boston Zoning Code (the "Code"): (i) PDA No. 88 is not for a location or Proposed Project for which Planned Development Areas ("PDAs") are forbidden by the underlying zoning; (ii) the Merck Research Laboratory project described in PDA No. 88, complies with any provisions of the underlying zoning that establish use, dimensional, design, or other requirements for proposed projects in PDAs; (iii) PDA No. 88 complies with any provisions of the underlying zoning that establish planning and development criteria for PDAs; (iv) PDA No. 88 conforms to the plan for the district, subdistrict, or similar geographic area in which PDA No. 88 is located, and to the general plan for the City as a whole; and (v) on balance, nothing in PDA No. 88 will be injurious to the neighborhood or otherwise detrimental to the public welfare, weighing all the benefits and burdens; and

FURTHER
VOTED: That, pursuant to Article 80D of the Code, the BRA hereby authorizes the Director to petition the Boston Zoning Commission for approval of PDA No. 88 and the associated map amendment to amend "Map 1, Boston Proper" of the series of maps entitled "Zoning Districts City of Boston," dated August 15, 1962 by adding the designation "D," indicating a Planned Development Area to the property to be known as PDA No. 88, in substantial accord with PDA No. 88 and the associated map amendment presented to the BRA at its hearing on May 15, 2012; and

## FURTHER

VOTED:
That, the Director be, and hereby is, authorized to execute and deliver any and all documents deemed necessary and appropriate by the Director in connection with PDA No. 88 and the Merck Research Laboratory project described therein.

Map Amendment Application No. 613
Boston Redevelopment Authority
Planned Development Area No. 88
Map 1, Boston Proper

MAP AMENDMENT NO. 547

THE COMMONWEALTH OF MASSACHUSETTS

## CITY OF BOSTON

## IN ZONING COMMISSION

The Zoning Commission of the City of Boston, acting under Chapter 665 of the Acts of 1956, as amended, after due report, notice and hearing, does hereby approve the Development Plan for Planned Development Area No. 88, Merck Research Laboratory, Boston, and amends "Map 1, Boston Proper", of the series of maps entitled "Zoning Districts City of Boston," dated August 15, 1962, as amended, as follows:

1. By deleting the designation "IMP," indicating an Institutional Master Plan overlay district, as established by Map Amendment No. 381, from approximately 51,415 square feet (approximately 1.18 acres) of land in Boston as described on Exhibit A and shown on Exhibit B hereto.
2. By adding the suffix " D ", indicating a Planned Development Area overlay district, to approximately 51,415 square feet (approximately 1.18 acres) of land of in Boston, as described on Exhibit A and shown in Exhibit B hereto.

## Legal Description - Parcel B

A certain parcel of land located on the west side of Fenway and north of Avenue Louis Pasteur in the City of Boston, in the County of Suffolk and the Commonwealth of Massachusetts bounded and described as follows:

Beginning at a point at the northerly sideline of a private way known as Blackfan Street, said point being N $50^{\circ} 26^{\prime} 15^{\prime \prime} \mathrm{W}$ and a distance Twenty Nine and Fifty-six Hundredths feet (29.56') from southwesterly corner of land now or formerly Beth Israel Deaconess Medical Center, Inc.; thence

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| N 53 ${ }^{\circ} 12^{\prime} 54^{\prime \prime} \mathrm{W}$ | a distance of Ten and Nine Hundredths feet (10.09') to a point; thence |
| N $38^{\circ} 03^{\prime} 20^{\prime \prime} \mathrm{E}$ | a distance of Ninety Seven and Five Hundredths feet (97.05') to a point; thence |
| N $52^{\circ} 04^{\prime} 03^{\prime \prime} \mathrm{E}$ | a distance of One Hundred Ten and Forty Five Fundredths feet (110.45') to a point; thence |
| S 51956'40"E | a distance of Ninety Three and Twenty One Hundredths feet ( $93.21^{\prime}$ ) to a point; thence |
| S 38 ${ }^{\circ} 03^{\prime 2} 0^{\prime \prime} \mathrm{W}$ | a distance of Four Hundred Forty Nine and Two Hundredths feet (449.02') to the point of beginning. |

The above described parcel contains 51,403 square feet or 1.180 acres more or less in the City of Boston, MA



In Zoning Commission

Adopted: June 27, 2012


$\qquad$

In Zoning Commission
Adopted: June 27, 2012



Date: $6 / 22 / 12$.

The foregoing amendment was presented to the Mayor on Jukfe $\mathcal{2}, x \in 5$, and was signed by him on-JUNE $37, S \in$, whereupon it became effective on durf Si, Sols, in accordance with Section 3 of Chapter 665 of the Acts of 1956, as amended.

Attest:


Development Plan for Planned Development Area No. 88, Merck Research Laboratory, Boston


Mayor, City of Boston

Date: $6 / 21 / 12$

The foregoing Development Plan, was presented to the Mayor on $\sqrt{(\alpha x E})$, x $\sqrt{3}$, and was signed by him on lux
 amended.

Attest:


