## SECURITIES AND EXCHANGE COMMISSION

## FORM ABS-15G

Asset-backed securities report pursuant to Section 15G

Filing Date: **2016-04-27** | Period of Report: **2016-04-27** | SEC Accession No. 0001539497-16-002840

(HTML Version on secdatabase.com)

## **FILER**

## JP MORGAN CHASE COMMERCIAL MORTGAGE SECURITIES CORP

CIK:1013611| IRS No.: 133789046 | State of Incorp.:DE | Fiscal Year End: 1231 Type: ABS-15G | Act: DF | File No.: 025-00709 | Film No.: 161595955

SIC: 6189 Asset-backed securities

Mailing Address Business Ad 60 WALL STREET C/O STATE NEW YORK NY 10260-0066 TRUST CO

Business Address C/O STATE STREET BANK & TRUST CO TWO INTERNATIONAL PLACE 5TH FLOOR BOSTON MA 02110 2126483063

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

## FORM ABS-15G

## ASSET-BACKED SECURITIZER REPORT PURSUANT TO SECTION 15G OF THE SECURITIES EXCHANGE ACT OF 1934

Check	the appropriate box to indicate the filing obligation to which this form is intended to satisfy:
[_] Rul	e 15Ga-1 under the Exchange Act (17 CFR 240.15Ga-1) for the reporting period to
	Date of Report (Date of earliest event reported)
	Commission File Number of securitizer:
	Central Index Key Number of securitizer:
	Name and telephone number, including area code, of the person to contact in connection with this filing
	Indicate by check mark whether the securitizer has no activity to report for the initial period pursuant to Rule $15Ga-1(c)(1)$ [_]
	Indicate by check mark whether the securitizer has no activity to report for the quarterly period pursuant to Rule $15Ga-1(c)(2)(i)$ [_]
	Indicate by check mark whether the securitizer has no activity to report for the annual period pursuant to Rule 15Ga-1(c)(2)(ii) [_]
[ <b>√</b> ] Ru	le 15Ga-2 under the Exchange Act (17 CFR 240.15Ga-2)
	Central Index Key Number of depositor: 0001013611
	JPMDB Commercial Mortgage Securities Trust 2016-C2 (Exact name of issuing entity as specified in its charter)
	Central Index Key Number of issuing entity (if applicable): 0001671520

							_	_					
	t ammliaahla	Mate	.hl.).	`annlia	tan (if	Aury roid	F A	ve af	Jarma la an	$V_{\alpha rr}$	المحاد	ntral I	$\boldsymbol{\mathcal{C}}$
Central Index Key Number of underwriter (if applicable): Not applicable	anniicanie		amie i 🗀	annuc	ier (ii	ierwrii	. una	тог	viimner	K ev I	nnex	nirai i	

## Kunal K. Singh, (212) 834-5467

Name and telephone number, including area code, of the person to contact in connection with this filing

## INFORMATION TO BE INCLUDED IN THE REPORT FINDINGS AND CONCLUSIONS OF THIRD-PARTY DUE DILIGENCE REPORTS

## Item 2.01 Findings and Conclusions of a Third Party Due Diligence Report Obtained by the Issuer

Attached as <u>Exhibit 1</u> hereto is an agreed-upon procedures report, dated April 27, 2016, of Ernst & Young LLP, obtained by the depositor, which report sets forth the findings and conclusions, as applicable, of Ernst & Young LLP with respect to certain agreed-upon procedures performed by Ernst & Young LLP.

Pursuant to the requirements of the Securities Exchange Act of 1934, the reporting entity has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: April 27, 2016

J.P. MORGAN CHASE COMMERCIAL MORTGAGE SECURITIES CORP.

By: /s/ Kunal K. Singh

Name: Kunal K. Singh

Title: President and Chief Executive Officer

Agreed-upon procedures report, dated April 27, 2016, of Ernst & Young LLP.

Exhibit 1

## JPMDB Commercial Mortgage Securities Trust 2016-C2 Commercial Mortgage Pass Through Certificates, Series 2016-C2

## Report To:

J.P. Morgan Chase Commercial Mortgage Securities Corp.
JPMorgan Chase Bank, National Association
J.P. Morgan Securities LLC
German American Capital Corporation
Deutsche Bank Securities Inc.
Drexel Hamilton, LLC
Academy Securities, Inc.
Goldman, Sachs & Co.

27 April 2016







Ernst & Young LLP 5 Times Square New York, NY 10036

Tel: +1 212 773 3000 ev.com

## Report of Independent Accountants on Applying Agreed-Upon Procedures

J.P. Morgan Chase Commercial Mortgage Securities Corp. JPMorgan Chase Bank, National Association J.P. Morgan Securities LLC 383 Madison Avenue New York, New York 10179

Academy Securities, Inc. 277 Park Avenue, 35<sup>th</sup> Floor New York, New York 10172

German American Capital Corporation Deutsche Bank Securities Inc. 60 Wall Street, 10<sup>th</sup> Floor New York, New York 10005

Goldman, Sachs & Co. 200 West Street New York, New York 10282

Drexel Hamilton, LLC 77 Water Street New York, New York 10005

Re: JPMDB Commercial Mortgage Securities Trust 2016-C2
Commercial Mortgage Pass-Through Certificates, Series 2016-C2 (the "Certificates")

We have performed the procedures enumerated in Attachment A, which were agreed to by the addressees of this report (the "Specified Parties"), solely to assist J.P. Morgan Chase Commercial Mortgage Securities Corp. (the "Depositor") in evaluating the accuracy of certain information with respect to the Mortgage Loans (as defined in Attachment A) that will secure the Certificates. This agreed-upon procedures engagement was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. The sufficiency of the procedures is solely the responsibility of the Specified Parties. Consequently, we make no representation regarding the sufficiency of the procedures described in Attachment A, either for the purpose for which this report has been requested or for any other purpose.

The procedures performed and our associated findings are included in Attachment A.



For the purpose of the procedures described in this report, the Mortgage Loan Sellers (as defined in Attachment A), on behalf of the Depositor, provided us with:

- a. Certain electronic data files (the "Data Files") that are described in Attachment A, Electronic copies of the loan files for the Mortgage Loans which contain various source documents
- b. (the "Source Documents") relating to the Mortgage Loans and the mortgaged properties that secure the Mortgage Loans,
  - Certain calculation methodologies, which are summarized on Exhibit 1 to Attachment A, for the Mortgage Loans (the "Multiple Property Loans") secured by multiple mortgaged properties (the "Underlying
- Properties") relating to the allocation of certain Multiple Property Loan characteristics to the respective Underlying Properties,
  - A list of characteristics on the Data Files (the "Compared Characteristics"), which are listed on Exhibit 2
- d. to Attachment A, that the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to compare to information contained on the Source Documents,
  - A list of characteristics on the Data Files (the "Recalculated Characteristics"), which are described in
- e. Attachment A, that the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to recalculate using information on the Data Files,
  - A list of characteristics on the Data Files (the "Provided Characteristics"), which are listed on Exhibit 3 to
- f. Attachment A, on which the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to perform no procedures,
- g. A draft of the preliminary prospectus for the JPMDB Commercial Mortgage Securities Trust 2016-C2 securitization transaction (the "Draft Preliminary Prospectus") and
- h. Instructions, assumptions and methodologies, which are described in Attachment A.

The procedures in Attachment A were limited to comparing or recalculating certain information that is further described in Attachment A. The Depositor is responsible for the Data Files, Source Documents, Compared Characteristics, Recalculated Characteristics, Provided Characteristics, Draft Preliminary Prospectus and the determination of the instructions, assumptions and methodologies that are described herein. We were not requested to perform and we have not performed any further procedures than those listed in Attachment A with respect to the preparation or verification of any of the information set forth on the Data Files. We have not verified, and we make no representation as to, the accuracy, completeness or reasonableness of the Source Documents, Provided Characteristics, Draft Preliminary Prospectus or any other information provided to us by the Mortgage Loan Sellers, on behalf of the Depositor, upon which we relied in forming our findings. Accordingly, we make no representation and express no opinion as to: (a) the existence of the Mortgage Loans, (b) questions of legal or tax interpretation and (c) the accuracy, completeness or reasonableness of any instructions, assumptions and methodologies provided to us by the Mortgage Loan Sellers, on behalf of the Depositor, that are described in this report. We undertake no responsibility to update this report for events and circumstances occurring after the date hereof.



We were not engaged to, and did not, conduct an examination to express an opinion or a review to express a conclusion in accordance with attestation standards established by the American Institute of Certified Public Accountants on any of the items referred to herein. Accordingly, we do not express such an opinion or conclusion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

The agreed-upon procedures described in this report were not performed for the purpose of:

- a. Satisfying any criteria for due diligence published by a nationally recognized statistical rating organization (a "rating agency") or
- b. Making any findings with respect to:
  - i. Whether the origination of the Mortgage Loans conformed to, or deviated from, stated underwriting or credit extension guidelines, standards, criteria, or other requirements,
  - ii. The value of the collateral securing the Mortgage Loans,
  - Whether the originators of the Mortgage Loans complied with federal, state or local laws or regulations or
    - Any other factor or characteristic of the Mortgage Loans that would be material to the likelihood
  - iv. that the issuer of the Certificates will pay interest and principal in accordance with applicable terms and conditions.

This report is intended solely for the use of the Specified Parties and is not intended to be and should not be used by anyone other than the Specified Parties. It is not intended to be and should not be used by any other person or entity, including investors and rating agencies, who are not identified in the report as Specified Parties, but who may have access to this report as required by law or regulation.

/s/ Ernst & Young LLP

27 April 2016



## **Background**

For the purpose of the procedures described in this report, the Depositor indicated that:

- a. The Certificates will represent the ownership interests in JPMDB Commercial Mortgage Securities Trust 2016-C2 (the "Issuing Entity") to be established by the Depositor and
  - The assets of the Issuing Entity will primarily consist of a pool of 30 fixed rate commercial mortgage
- b. loans (the "Mortgage Loans") secured by first mortgage liens on 79 commercial, multifamily and manufactured housing community properties.

## Procedures performed and our associated findings

- We obtained from JPMorgan Chase Bank, National Association ("JP Morgan") and German American Capital Corporation ("GACC," together with JP Morgan, the "Mortgage Loan Sellers"), respectively, on behalf of the Depositor:
  - An electronic data file (each, a "Mortgage Loan Seller Data File") that the respective Mortgage Loan Seller, on behalf of the Depositor, indicated contains information on certain mortgage loans
  - as of the related due date of each mortgage loan in May 2016, or with respect to any mortgage loan that has its first due date in June 2016, the date that would otherwise have been the related due date in May 2016 (the "Cut-off Date") and
  - b. A record layout and decode table related to each respective Mortgage Loan Seller Data File.
- The Mortgage Loan Sellers, on behalf of the Depositor, instructed us to combine the information on each respective Mortgage Loan Seller Data File. The resulting data file, as so combined, is hereinafter referred to as the "Combined Data File." The Mortgage Loan Sellers, on behalf of the Depositor, indicated that the mortgage loans on the Combined Data File are the Mortgage Loans.
- For each Mortgage Loan on the Combined Data File, we compared each Compared Characteristic on Exhibit 2 to Attachment A, as shown on the Combined Data File, to the corresponding information on copies of the Source Documents indicated on Exhibit 2 to Attachment A provided by the respective Mortgage Loan Seller, on behalf of the Depositor, subject only to the instructions, assumptions, methodologies and exceptions stated in the notes to Exhibit 2 to Attachment A and the next paragraph in this Item 3.



## 3. (continued)

The Source Document(s) that we were instructed by the Mortgage Loan Sellers, on behalf of the Depositor, to use for each Compared Characteristic are indicated on Exhibit 2 to Attachment A. Where more than one Source Document is listed for a Compared Characteristic, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to note agreement if the value on the Combined Data File for the Compared Characteristic agreed with the corresponding information on at least one of the Source Documents that are listed for such Compared Characteristic on Exhibit 2 to Attachment A. We performed no procedures to reconcile any differences that may exist between various Source Documents for any of the Compared Characteristics listed on Exhibit 2 to Attachment A.

- As instructed by the Mortgage Loan Sellers, on behalf of the Depositor, we adjusted the information on the Combined Data File to correct all the differences we noted in performing the procedures described in Item 3., and provided a list of such differences to the Mortgage Loan Sellers. The Combined Data File, as so adjusted, is hereinafter referred to as the "Updated Data File."
- Subsequent to the performance of the procedures described in Items 1. through 4. above, we received an electronic data file from JP Morgan, on behalf of the Depositor (the "Final Data File," which together with the Mortgage Loan Seller Data Files comprise the Data Files), that JP Morgan, on behalf of the Depositor, indicated contains information on the Mortgage Loans as of the Cut-off Date.

Using information on the:

- a. Final Data File and
- b. Updated Data File,

we compared each Compared Characteristic on Exhibit 2 to Attachment A, all as shown on the Final Data File, to the corresponding information on the Updated Data File and found such information to be in agreement.

- Using the "First Payment Date" of each Mortgage Loan, as shown on the Final Data File, we recalculated the "Seasoning" of each Mortgage Loan as of the Cut-off Date. We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement.
- 7. Using the "Principal / Carveout Guarantor" of each Mortgage Loan, as shown on the Final Data File, we identified those Mortgage Loans that had at least one common "Principal / Carveout Guarantor" (each, a "Related Borrower"). We compared the Related Borrower information to the corresponding information on the Final Data File and found such information to be in agreement.



### 7. (continued)

For the Mortgage Loan identified on the Final Data File as "Sanofi Office Complex" (the "Sanofi Office Complex Mortgage Loan"), the "Principal / Carveout Guarantor," as shown on the Final Data File, is "American Finance Trust, Inc." (the "Sanofi Office Complex Sponsor"). For the Equity Inns Portfolio Mortgage Loan (as defined in Note 13 of Exhibit 2 to Attachment A), the "Principal / Carveout Guarantor," as shown on the Final Data File, is "American Realty Capital Hospitality Trust, Inc." (the "Equity Inns Portfolio Sponsor"). The Mortgage Loan Sellers, on behalf of the Depositor, indicated that the Sanofi Office Complex Sponsor and Equity Inns Portfolio Sponsor are related entities, and instructed us to treat the Sanofi Office Complex Mortgage Loan and Equity Inns Portfolio Mortgage Loan as having a "Related Borrower." We performed no procedures to determine the accuracy, completeness or reasonableness of the information and instructions provided by the Mortgage Loan Sellers, on behalf of the Depositor, that are described above.

## 8. Using the:

- a. First Payment Date and
- b. Maturity Date

of each Mortgage Loan, both as shown on the Final Data File, we recalculated the "Term" of each Mortgage Loan. We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement.

## 9. Using the:

- First Payment Date and
- b. Partial IO Loan First P&I Payment

of each Mortgage Loan (except for the Interest Only Loans (as defined in Note 21 of Exhibit 2 to Attachment A), which are described in the succeeding paragraph of this Item 9.), both as shown on the Final Data File, we recalculated the "I/O Period" and "Partial IO Last IO Payment" of each Mortgage Loan (except for the Interest Only Loans). We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement.

For the Interest Only Loans, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the "Term" of each Interest Only Loan, as shown on the Final Data File, for the "I/O Period" characteristic and "<black>" for the "Partial IO Last IO Payment" characteristic.



## 10. Using the:

- a. Original Balance (\$),
- b. Interest Rate % and
- c. Monthly Debt Service (\$)

of each Mortgage Loan (except for the Interest Only Loans, which are described in the succeeding paragraph of this Item 10.), all as shown on the Final Data File, and assuming each Mortgage Loan has a fixed level monthly payment, we recalculated the "Amort. Term" of each Mortgage Loan (except for the Interest Only Loans). We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement.

For the Interest Only Loans, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use "0" for the "Amort. Term" characteristic.

## 11. Using the:

- a. Original Balance (\$),
- b. Accrual Type,
- c. Seasoning,
- d. I/O Period,
- e. First Payment Date,
- f. Maturity Date,
- g. Interest Rate % and
- h. Monthly Debt Service (\$)

of each Mortgage Loan, all as shown on the Final Data File, and the calculation methodologies described on Exhibit 1 to Attachment A for the Underlying Properties associated with each Multiple Property Loan, we recalculated the principal balance of each Mortgage Loan and Underlying Property as of the Cut-off Date (the "Current Balance (\$)") and as of the "Maturity Date" of the Mortgage Loan (the "Maturity/ARD Balance (\$)"), assuming all scheduled payments of principal and/or interest on the Mortgage Loans are made and there are no prepayments or other unscheduled collections. We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement. For the purpose of this procedure, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to ignore differences of \$1 or less.



12.

For each Mortgage Loan identified on the Final Data File with the "Addit Debt Exist (Y/N)" characteristic as "Yes" (the "Mortgage Loans with Additional Debt"), except for the Equity Inns Portfolio Mortgage Loan, which is described in the succeeding paragraph of this Item 12., the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to recalculate the principal balance of the additional debt related to such Mortgage Loan as of the Cut-off Date (the "Additional Debt Cut-off Date Balance") and the principal balance of the additional debt related to such Mortgage Loan as of the "Maturity Date" of the Mortgage Loan (the "Total Additional Debt Maturity Balance") using the applicable Secondary Financing Documents (as defined in Note 30 of Exhibit 2 to Attachment A) and/or information on the applicable Source Documents, assuming all scheduled payments of principal and/or interest on the additional debt are made and there are no prepayments or other unscheduled collections. We compared this recalculated information to the corresponding information on the Final Data File and found such

information to be in agreement. For the purpose of this procedure, the Mortgage Loan Sellers, on behalf

of the Depositor, instructed us to ignore differences of \$1 or less.

For the Equity Inns Portfolio Mortgage Loan, which has the "Addit Debt Exist (Y/N)" characteristic as "Yes" on the Final Data File and the "Additional Debt Type(s)" characteristic as "Preferred Equity" on the Final Data File (the "Equity Inns Portfolio Preferred Equity Loan"), we were not provided with the applicable Secondary Financing Documents necessary to recalculate the "Additional Debt Cut-off Date Balance" and "Total Additional Debt Maturity Balance" characteristics. For the Equity Inns Portfolio Mortgage Loan, GACC, on behalf of the Depositor, instructed us to use "\$65,246,820" for the "Additional Debt Cut-off Date Balance" and "NAP" for the "Total Additional Debt Maturity Balance" characteristics on the Final Data File.

For the Mortgage Loans which have the "Addit Debt Exist (Y/N)" characteristic as "No" on the Final Data File, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use "NAP" for the "Additional Debt Cut-off Date Balance" and "Total Additional Debt Maturity Balance" characteristics.

#### 13. Using the:

- a. Pari Passu Piece In Trust and
- b. Total Non Trust Pari Passu Debt

of each Pari Passu Mortgage Loan, both as shown on the Final Data File, we recalculated the "Total Original Balance Pari Passu Debt" of each Pari Passu Mortgage Loan. We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement.

For the Mortgage Loans on the Final Data File that are not Pari Passu Mortgage Loans, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use "NAP" for the "Total Original Balance Pari Passu Debt" characteristic.



For each Pari Passu Mortgage Loan, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the information on the applicable Source Documents to recalculate the combined principal balance of the Pari Passu Mortgage Loan and the related Companion Loan(s) as of the Cut-off Date (the "Total Cut-off Date Pari Passu Debt") and as of the "Maturity Date" of such Pari Passu Mortgage

14. Loan (the "Total Maturity Balance Pari Passu Debt"), assuming all scheduled payments of principal and/ or interest are made and there are no prepayments or other unscheduled collections. We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement. For the purpose of this procedure, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to ignore differences of \$1 or less.

## 15. Using the:

- Total Cut-off Date Pari Passu Debt and
- b. Current Balance (\$)

of each Pari Passu Mortgage Loan, both as shown on the Final Data File, we recalculated the "Pari Passu Piece Non Trust Cut-off Balance" of each Pari Passu Mortgage Loan. We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement. For the purpose of this procedure, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to:

- Recalculate the "Pari Passu Piece Non Trust Cut-off Balance" by subtracting the "Current Balance (\$)" from the "Total Cut-off Date Pari Passu Debt" and
- ii. Ignore differences of \$1 or less.

#### 16. Using the:

- a. Additional Debt Cut-off Date Balance,
- b. Total Cut-off Date Pari Passu Debt,
- c. Total Additional Debt Maturity Balance and
- d. Total Maturity Balance Pari Passu Debt

of each Pari Passu Mortgage Loan (except for the Equity Inns Portfolio Mortgage Loan, which is described in the succeeding paragraph of this Item 16.), as applicable, all as shown on the Final Data File, we recalculated the:

- i. Total Debt Cut-off Balance and
- ii. Total Debt Maturity Balance (Pari + B-Note + Mezz)

of each Pari Passu Mortgage Loan (except for the Equity Inns Portfolio Mortgage Loan). We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement. For the purpose of this procedure, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to ignore differences of \$1 or less.



### 16. (continued)

For the Equity Inns Portfolio Mortgage Loan, GACC, on behalf of the Depositor, instructed us to:

- a. Use the "Total Cut-off Date Pari Passu Debt," as shown on the Final Data File, for the "Total Debt Cut-off Balance" characteristic and
- b. Use the "Total Maturity Balance Pari Passu Debt," as shown on the Final Data File, for the "Total Debt Maturity Balance (Pari + B-Note + Mezz)" characteristic, and to exclude the Equity Inns Portfolio Preferred Equity Loan from the recalculations described in a. and b. above.

For the Mortgage Loans on the Final Data File which are not Pari Passu Mortgage Loans, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use "NAP" for the "Total Debt Cut-off Balance" and "Total Debt Maturity Balance (Pari + B-note + Mezz)" characteristics.

## 17. Using the:

- c. Seasoning,
- d. Amort. Term,
- e. Term,
- f. I/O Period and
- g. JEMS Lockout Output

of each Mortgage Loan, as applicable, all as shown on the Final Data File, we recalculated the:

- i. Rem. Amort,
- ii. Rem. Term and
- iii. Lockout Remaining

of each Mortgage Loan. We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement.

For the Interest Only Loans, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use "0" for the "Rem. Amort" characteristic.

## 18. Using the:

- a. Master Servicing Fee Rate,
- b. Primary Servicing Fee Rate and
- c. Subservicer Fee

of each Mortgage Loan, all as shown on the Final Data File, we recalculated the "Servicer Fee" of each Mortgage Loan. We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement.



## 19. Using the:

- a. Servicer Fee,
- b. Trustee & Paying Agent Fee,
- c. Operating Advisor & ARR Fee and
- d. CREFC Fee

of each Mortgage Loan, all as shown on the Final Data File, we recalculated the "Admin. Fee %" of each Mortgage Loan. We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement.

## 20. Using:

- a. Information on the Final Data File,
- b. The applicable assumptions and calculation methodologies described in the Draft Preliminary Prospectus and
  - The applicable assumptions and calculation methodologies provided by the Mortgage Loan
- c. Sellers, on behalf of the Depositor, which are described in the succeeding paragraphs of this Item 20..

## we recalculated the:

- i. UW NOI DSCR,
- ii. UW NCF DSCR,
- iii. Current LTV %,
- iv. Maturity LTV %,
- v. % of Initial Pool Balance,
- vi. Annual Debt Service (\$),
- vii. Net Mortgage Rate %,
- viii. UW NOI Debt Yield %,
- ix. UW NCF Debt Yield %,
- x. Original Balance per Unit (\$),
- xi. Current Balance per Unit (\$) and
- xii. Maturity Balance per Unit

of each Mortgage Loan. We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement. For the purpose of this procedure, we were instructed by the Mortgage Loan Sellers, on behalf of the Depositor, to round the "UW NOI DSCR" and "UW NCF DSCR" to two decimal places and the "Current LTV %," "Maturity LTV %," "UW NOI Debt Yield %" and "UW NCF Debt Yield %" to the nearest 1/10<sup>th</sup> of one percent.



### 20. (continued)

For the Underlying Properties associated with each Multiple Property Loan, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the aggregate:

- a. UW NOI DSCR,
- b. UW NCF DSCR,
- c. Current LTV %,
- d. Maturity LTV %,
- e. UW NOI Debt Yield %,
- f. UW NCF Debt Yield %,
- g. Original Balance per Unit (\$),
- h. Current Balance per Unit (\$) and
- Maturity Balance per Unit

for the applicable Multiple Property Loan as the value for each of the characteristics listed in a. through i. above for the Underlying Properties associated with such Multiple Property Loan.

For the Pari Passu Mortgage Loans, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the "Total Pari Passu Annual Debt Service," as shown on the Final Data File, to recalculate the "UW NOI DSCR" and "UW NCF DSCR" characteristics.

For the Pari Passu Mortgage Loans, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the "Total Cut-off Date Pari Passu Debt," as shown on the Final Data File, to recalculate the:

- a. Current LTV %,
- b. UW NOI Debt Yield %,
- c. UW NCF Debt Yield % and
- d. Current Balance per Unit (\$), characteristics.

For the Pari Passu Mortgage Loans, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the "Total Maturity Balance Pari Passu Debt," as shown on the Final Data File, to recalculate the "Maturity LTV %" and "Maturity Balance per Unit" characteristics.

For the Pari Passu Mortgage Loans, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the "Total Original Balance Pari Passu Debt," as shown on the Final Data File, to recalculate the "Original Balance per Unit (\$)" characteristic.



## 21. Using the:

- a. Total Pari Passu Annual Debt Service and
- b. Additional Debt Annual Debt Service

of each Pari Passu Mortgage Loan (except for the Equity Inns Portfolio Mortgage Loan, which is described in the succeeding paragraph of this Item 21.), both as shown on the Final Data File, we recalculated the "Total Debt (Mortgage + B-Note + Mezz) Annual Debt Service" of each Pari Passu Mortgage Loan (except for the Equity Inns Portfolio Mortgage Loan). We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement.

For the Equity Inns Portfolio Mortgage Loan, which has the "Additional Debt Annual Debt Service" characteristic as "NAP" on the Final Data File, GACC, on behalf of the Depositor, instructed us to use the "Total Pari Passu Annual Debt Service," as shown on the Final Data File, for the "Total Debt (Mortgage + B-Note + Mezz) Annual Debt Service" characteristic.

For the Mortgage Loans which are not Pari Passu Mortgage Loans, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use "NAP" for the "Total Debt (Mortgage + B-Note + Mezz) Annual Debt Service" characteristic.

## 22. Using:

- a. Information on the Final Data File and
- b. The applicable assumptions and calculation methodologies described in the Draft Preliminary Prospectus,

#### we recalculated the:

- i. Total Debt NOI DSCR,
- ii. Total Debt UW NCF DSCR,
- iii. Total Debt Current LTV %,
- iv. Total Debt MAT LTV,
- v. Total Debt UW NOI Debt Yield %,
- vi. Total Debt NCF DY and
- vii. Total Debt Per Unit

of each Pari Passu Mortgage Loan. We compared this recalculated information to the corresponding information on the Final Data File and found such information to be in agreement. For the purpose of this procedure, we were instructed by the Mortgage Loan Sellers, on behalf of the Depositor, to round the "Total Debt NOI DSCR" and "Total Debt UW NCF DSCR" to two decimal places and the "Total Debt Current LTV %," "Total Debt MAT\_LTV," "Total Debt UW NOI Debt Yield %" and "Total Debt NCF DY" to the nearest 1/10<sup>th</sup> of one percent.



## 22. (continued)

For the Equity Inns Portfolio Mortgage Loan, GACC, on behalf of the Depositor, instructed us to exclude the Equity Inns Portfolio Preferred Equity Loan from the recalculation of each characteristic listed in i. through vii. above.

For the Mortgage Loans which are not Pari Passu Mortgage Loans, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use "NAP" as the value for each of the characteristics listed in i. through vii. above.

## **Multiple Property Loan Calculation Methodologies**

Multiple Property Loan	Characteristic	Methodology Provided by the Mortgage Loan Sellers
<ul><li>New Town Collier Portfolio</li><li>High Crossing Portfolio</li></ul>	Original Balance (\$)	The "Original Balance (\$)" of the Multiple Property Loan is allocated to the respective Underlying Properties using the "Original Balance (\$)" allocations for the Underlying Properties that are stated on the loan agreement Source Document
	Current Balance (\$) and Maturity/ARD Balance (\$)	The "Current Balance (\$)" and "Maturity/ARD Balance (\$)" of the Multiple Property Loan are allocated pro-rata to the respective Underlying Properties using the "Original Balance (\$)" allocations for the Underlying Properties that are stated on the loan agreement Source Document
<ul> <li>Equity Inns Portfolio</li> <li>Sun MHC Portfolio</li> <li>Hall Office Park A1/G1/G3</li> </ul>	Original Balance (\$), Current Balance (\$) and Maturity/ ARD Balance (\$)	The "Original Balance (\$)," "Current Balance (\$)" and "Maturity/ARD Balance (\$)" of the Multiple Property Loan are allocated pro-rata to the respective Underlying Properties using the Underlying Property original principal balance allocations for the respective Whole Loan (as defined in Note 20 of Exhibit 2 to Attachment A) that are stated on the loan agreement Source Document
<ul> <li>Barrett Lakes Center</li> <li>Omni Storage Portfolio</li> <li>Heights Boulevard Portfolio</li> </ul>	Original Balance (\$), Current Balance (\$) and Maturity/ ARD Balance (\$)	The "Original Balance (\$)," "Current Balance (\$)" and "Maturity/ARD Balance (\$)" of the Multiple Property Loan are allocated prorata to the respective Underlying Properties using the "Appraised Value (\$)" for each respective Underlying Property that is stated on the applicable appraisal report Source Document

**Note:** Certain capitalized terms in the "Characteristic" and "Methodology Provided by the Mortgage Loan Sellers" columns that have not previously been defined are defined in Item 11. of Attachment A and on Exhibit 2 to Attachment A.

## **Compared Characteristics and Source Documents**

## **Property Information:**

City (see Note 1)  City (see Note 1)  County  County  State (see Note 1)  Zip Code  Property Type (see Note 2)  Property Subtype  Unit of Measure  Year Built  Year Renovated  Units  Cocupancy % (see Note 3)  Cocupancy % (see Note 3)  Cocupancy % (see Note 4)  City (see Note 4)  City (see Note 4)  Environmental Report or Phase Environmental Report or USPS Internet Site Appraisal Report, Engineering Report or Phase I Environmental Report or Phase I Environmental Report Appraisal Report, Borrower Rent Roll or Underwritten Rent Roll, Underwritten R	Characteristic	Source Document(s)
County  Environmental Report Appraisal Report, Engineering Report, Phase Environmental Report State (see Note 1)  Zip Code Property Type (see Note 2)  Property Subtype Property Subtype  Unit of Measure Year Renovated Units  Units  Occupancy % (see Note 3)  Environmental Report Appraisal Report, Engineering Report or Phase Environmental Report Appraisal Report, Borrower Rent Roll, Underwritten Rent Roll, Underwritten Rent Roll, Underwritten Rent Roll Appraisal Report, Borrower Rent Roll or Underwritten Rent Roll Appraisal Report, Borrower Rent Roll or Underwritten Rent Roll Appraisal Report, Borrower Rent Roll, Underwritten Rent Roll, Inderwritten Rent Roll, Underwritten Rent Rent Report  Agreement, Tenant Estoppel or Underwriten Rent Rent Rent Rent Rent Rent Rent R	Street Address (see Note 1)	Appraisal Report, Engineering Report or Phase I Environmental Report
State (see Note 1)  Zip Code  Zip Code  Property Type (see Note 2)  Property Subtype  Unit of Measure  Year Renovated  Units  Units  Units  Coccupancy % (see Note 3)  State (see Note 4)  Environmental Report or USPS Internet Site, Appraisal Report, Engine Report or Phase I Environmental Report  Appraisal Report, Borrower Rent Roll or Underwritten Rent Roll, Inderwritten Rent Roll, Inderwritten Rent Roll, Inderwritten Rent Roll, Underwritten Rent Roll, Inderwritten Rent Roll, Underwritten Rent Roll, Inderwritten Rent Roll, Inderwritten Rent Roll, Inderwritten Rent Roll, Underwritten Rent Ro	City (see Note 1)	Appraisal Report, Engineering Report or Phase I Environmental Report
Environmental Report  Zip Code  Zip Code  Property Type (see Note 2)  Property Subtype  Property Subtype  Unit of Measure  Year Built  Year Renovated  Units  Units  Coccupancy % (see Note 3)  Environmental Report  Environmental Report  Environmental Report  Environmental Report, Engineering Report, Borrower Rent Roll or Underwritten Rent Roll, Underwritten Rent Ro	County	Appraisal Report, Engineering Report, Phase I Environmental Report or USPS Internet Site
Report or Phase I Environmental Report  Appraisal Report, Borrower Rent Roll or Underwritten Rent Roll  Property Subtype  Appraisal Report, Borrower Rent Roll or Underwritten Rent Roll  Borrower Rent Roll, Underwritten Rent Roll, Environmental Report  Year Built  Year Renovated  Appraisal Report, Engineering Report or Phase Environmental Report  Appraisal Report, Engineering Report or Phase Environmental Report  Borrower Rent Roll, Underwritten Rent Roll, Un	State (see Note 1)	·
Property Type (see Note 2)  Property Subtype  Unit of Measure  Vear Built  Year Renovated  Units  Un	Zip Code	·
Unit of Measure  Year Built  Year Renovated  Units  Occupancy % (see Note 3)  Occupancy Date (see Note 4)  Unit of Measure  Underwritten Rent Roll  Borrower Rent Roll, Underwritten Rent Roll, L Agreement, Tenant Estoppel or Appraisal Report  Appraisal Report, Engineering Report or Phase Environmental Report  Appraisal Report, Engineering Report or Phase Environmental Report  Borrower Rent Roll, Underwritten Rent Roll, L Agreement, Tenant Estoppel or Appraisal Report  Borrower Rent Roll, Underwritten Rent Roll, L Agreement, Tenant Estoppel or Underwritten Summary Report  Borrower Rent Roll, Underwritten Rent Roll, L Agreement, Tenant Estoppel or Underwritten Summary Report  Borrower Rent Roll, Underwritten Rent Roll, L Agreement, Tenant Estoppel or Underwritten Summary Report  Loan Agreement or Master Lease Agreement	Property Type (see Note 2)	Underwritten Rent Roll
Unit of Measure  Year Built  Year Renovated  Year Renovated  Units  Appraisal Report, Engineering Report or Phase Environmental Report  Appraisal Report, Engineering Report or Phase Environmental Report  Appraisal Report, Engineering Report or Phase Environmental Report  Borrower Rent Roll, Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Appraisal Report  Borrower Rent Roll, Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Underwritten Summary Report  Borrower Rent Roll, Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Underwritten Summary Report  Borrower Rent Roll, Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Underwritten Summary Report  Loan Agreement or Master Lease Agreement	Property Subtype	
Year Renovated  Year Renovated  Appraisal Report, Engineering Report or Phase Environmental Report  Borrower Rent Roll, Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Appraisal Report  Borrower Rent Roll, Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Underwritten Summary Report  Borrower Rent Roll, Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Underwritten Summary Report  Borrower Rent Roll, Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Underwritten Summary Report  Agreement, Tenant Estoppel or Underwritten Summary Report  Loan Agreement or Master Lease Agreement	Unit of Measure	• • • • • • • • • • • • • • • • • • • •
Environmental Report Borrower Rent Roll, Underwritten Rent Roll, L Agreement, Tenant Estoppel or Appraisal Report Borrower Rent Roll, Underwritten Rent Roll, L Agreement, Tenant Estoppel or Underwritten Summary Report Borrower Rent Roll, Underwritten Rent Roll, L Agreement, Tenant Estoppel or Underwritten Summary Report Borrower Rent Roll, Underwritten Rent Roll, L Agreement, Tenant Estoppel or Underwritten Summary Report Loan Agreement or Master Lease Agreement	Year Built	Appraisal Report, Engineering Report or Phase I Environmental Report
Units  Agreement, Tenant Estoppel or Appraisal Report  Borrower Rent Roll, Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Underwrite Summary Report  Borrower Rent Roll, Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Underwrite Summary Report  Borrower Rent Roll, Underwritten Rent Roll, L  Agreement, Tenant Estoppel or Underwrite Summary Report  Loan Agreement or Master Lease Agreement	Year Renovated	Appraisal Report, Engineering Report or Phase I Environmental Report
Occupancy % (see Note 3)  Agreement, Tenant Estoppel or Underwrite Summary Report Borrower Rent Roll, Underwritten Rent Roll, L Occupancy Date (see Note 4)  Agreement, Tenant Estoppel or Underwrite Summary Report Summary Report Summary Report Loan Agreement or Master Lease Agreement	Units	• • • • • • • • • • • • • • • • • • • •
Occupancy Date (see Note 4)  Agreement, Tenant Estoppel or Underwrite Summary Report  Master Lease (Y/N)  Loan Agreement or Master Lease Agreement	Occupancy % (see Note 3)	Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement, Tenant Estoppel or Underwriter's
Master Lease (Y/N)  Loan Agreement or Master Lease Agreement	Occupancy Date (see Note 4)	Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement, Tenant Estoppel or Underwriter's
Waster Lease Agreement	Master Lease (Y/N) Master Lease Details	Loan Agreement or Master Lease Agreement Master Lease Agreement

## **Third Party Information:**

#### Characteristic

Appraised Value (\$) (see Note 5)
Appraisal Date (see Note 5)
Appraised CapRate (%)
Engineering Report Date
Environmental Report Date
Environmental Report Type
Phase II Recommended
Phase II Performed (see Note 6)

Seismic Date (see Note 7)

Seismic Zone (see Note 7) PML % (see Note 7)

Earthquake Insurance (see Note 8) Environmental Insurance (see Note 9)

Single Tenant

## Major Tenant Information: (see Note 10)

### Characteristic

Largest Tenant

Largest Tenant Unit Size

Largest Tenant Lease Expiration (see Note 11)

2<sup>nd</sup> Largest Tenant

2<sup>nd</sup> Largest Tenant Unit Size

2<sup>nd</sup> Largest Tenant Lease Expiration (see Note 11)

3<sup>rd</sup> Largest Tenant

3<sup>rd</sup> Largest Tenant Unit Size

3<sup>rd</sup> Largest Tenant Lease Expiration (see Note 11)

4<sup>th</sup> Largest Tenant

4<sup>th</sup> Largest Tenant Unit Size

## Source Document(s)

Appraisal Report Appraisal Report Appraisal Report Engineering Report

Phase I Environmental Report Phase I Environmental Report Phase I Environmental Report Phase II Environmental Report

Seismic Report Seismic Report Seismic Report

Certificate of Property Insurance
Certificate of Environmental Insurance

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement, Tenant Estoppel or Appraisal Report

## Source Document(s)

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

4 <sup>th</sup> Largest Tenant Lease Expiration (see Note 11)	Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

## **Major Tenant Information**: (continued)

Cha		

5<sup>th</sup> Largest Tenant

5<sup>th</sup> Largest Tenant Unit Size

5<sup>th</sup> Largest Tenant Lease Expiration (see Note 11)

## <u>Underwriting Information</u>: (see Note 12)

#### Characteristic

UW Revenues (\$)

UW Total Expenses (\$) (see Note 13)

UW NOI (\$) (see Note 13)

UW Capital Items (\$)

UW NCF (\$)

**UW Economic Occupancy %** 

Most Recent Revenues (\$)

Most Recent Total Expenses (\$) (see Note 13)

Most Recent NOI (\$) (see Note 13)

As of

2013 Revenues (\$)

2013 Total Expenses (\$) (see Note 13)

2013 NOI (\$) (see Note 13)

2014 Revenues (\$)

2014 Total Expenses (\$) (see Note 13)

2014 NOI (\$) (see Note 13)

2015 Revenues (\$)

2015 Total Expenses (\$) (see Note 13)

2015 NOI (\$) (see Note 13)

Most Recent Occupancy

(see Note 14)

Most Recent Occupancy Date (see Note 14)

Second Most Recent Occupancy (see Note 14)

Second Most Recent Occupancy Date (see Note 14)

Third Most Recent Occupancy (see Note 14)

Third Most Recent Occupancy Date (see Note 14)

## Source Document(s)

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

Borrower Rent Roll, Underwritten Rent Roll, Lease Agreement or Tenant Estoppel

## Source Document(s)

Underwriter's Summary Report

Underwriter's Summary Report or Property

Occupancy History Report

Underwriter's Summary Report or Property Occupancy History Report

Underwriter's Summary Report or Property

Occupancy History Report

Underwriter's Summary Report or Property

Occupancy History Report

Underwriter's Summary Report or Property

Occupancy History Report

Underwriter's Summary Report or Property Occupancy History Report

## **<u>Hotel Operating Information</u>**: (see Note 15)

2013	Occu	pancy	%

2013 ADR (\$)

Characteristic

2013 RevPAR (\$)

2014 Occupancy %

2014 ADR (\$)

2014 RevPAR (\$)

2015 Occupancy %

2015 ADR (\$)

2015 RevPAR (\$)

Most Recent Occupancy %

Most Recent ADR (\$)

Most Recent RevPAR (\$)

UW Occupancy %

UW ADR (\$)

UW RevPAR (\$)

## **Source Document**

Underwriter's Summary Report Underwriter's Summary Report

#### **Reserve and Escrow Information:**

### Characteristic

Monthly Capex Reserve (\$) (see Note 16)

Monthly TI/LC Reserve (\$) (see Note 16)

Monthly Envir. Reserve (\$) (see Note 16)

Monthly RE Tax Reserve (\$)

Monthly Ins. Reserve (\$)

Monthly Other Reserve (\$) (see Notes 16 and 17)

Monthly Debt Service Reserve (see Note 16)

Other Monthly Description

CapEx Reserve Cap (\$) (see Note 18)

TI/LC Reserve Cap (\$) (see Note 18)

Envir. Reserve Cap (\$) (see Note 18)

RE Tax Reserve Cap (\$) (see Note 18)

## **Source Document(s)**

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Servicing Tape, Closing Statement or Tax Escrow Analysis Report

Servicing Tape, Closing Statement or Insurance Escrow Analysis Report

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Loan Agreement or Loan Modification
Agreement

Loan Agreement or Loan Modification Agreement

Loan Agreement or Loan Modification
Agreement

Loan Agreement or Loan Modification Agreement



## **Reserve and Escrow Information**: (continued)

#### Characteristic

Insur. Reserve Cap (\$) (see Note 18)
Debt Service Reserve Cap (\$) (see Note 18)
Other Reserve Cap (\$) (see Note 18)

Upfront TI/LC Reserve (\$)

Upfront Capex Reserve (\$)

Upfront Engin. Reserve (\$)

Upfront Envir. Reserve (\$)

Upfront RE Tax Reserve (\$)

Upfront Ins. Reserve (\$)

Upfront Debt Service Reserve (\$)

Upfront Other Reserve (\$)

**Upfront Other Description** 

RE Tax Escrow Cash or LOC (see Note 19)

Insurance Escrow Cash or LOC (see Note 19)

Capex Escrow Cash or LOC (see Note 19)

TI/LC Reserve Cash or LOC (see Note 19)

Envir. Escrow Cash or LOC (see Note 19)

Debt Service Reserve Cash or LOC (see Note 19)

Other Reserve Cash or LOC (see Note 19)

Holdback

Holdback Amt

Holdback Desc.

## Source Document(s)

Loan Agreement or Loan Modification Agreement Loan Agreement or Loan Modification Agreement Loan Agreement or Loan Modification Agreement Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

Closing Statement, Loan Agreement or Loan Modification Agreement

## **Mortgage Loan Information:**

ra	racte	racteris

Borrower Name
Principal / Carveout Guarantor

Original Balance (\$) (see Note 20)

Pari Passu Piece - In Trust (see Note 20) Total Non Trust Pari Passu Debt (see Note 20) Number of Properties

Interest Rate %

Monthly Debt Service (\$) (see Notes 20, 21 and 22)

Total Pari Passu Annual Debt Service (see Note 20)

First Payment Date Amortization Type Accrual Type ARD Loan

ARD Step Up (%)

Partial IO Loan First P&I Payment

Maturity Date (see Note 23)

Final Mat Date
Payment Due Date
Grace Period (Default)

Grace Period (Late Payment)

## Source Document(s)

Promissory Note or Loan Agreement Guaranty Agreement or Loan Agreement For all Mortgage Loans:

 Promissory Note, Loan Agreement or Loan Modification Agreement

For Underlying Properties associated with Multiple Property Loans:

 Multiple Property Loan calculation methodologies described on Exhibit 1 to Attachment A

Loan Agreement or Loan Modification Agreement Loan Agreement or Loan Modification Agreement

Loan Agreement or Appraisal Report

Promissory Note, Loan Agreement or Loan Modification Agreement

Promissory Note, Loan Agreement or Loan Modification Agreement

Loan Agreement or Loan Modification Agreement

Promissory Note or Loan Agreement

Promissory Note, Loan Agreement or Loan

Modification Agreement

Promissory Note, Loan Agreement or Loan

Modification Agreement

Promissory Note or Loan Agreement

Promissory Note or Loan Agreement

Promissory Note or Loan Agreement

Promissory Note, Loan Agreement or Loan

Modification Agreement

## **Mortgage Loan Information**: (continued)

#### Characteristic

Note Date

Lockbox (Y/N)

Lockbox Trigger

Lockbox Type (see Note 24)

Lockbox In-place

Lockout End Date

(see Notes 25, 26 and 27)

Defeasance End Date

(see Notes 25 and 28)

Yield Maint. End Date (see Notes 25 and 28)

JEMS Lockout Output (see Notes 26 and 27)

Call Protection Description

Yield Maint, Allowed

Yield Maint. Provision (see Note 29)

**Defeasance Summary** 

Defeasance Allowed

Remaining Defeasance Payments (see Notes 27 and 28)

Remaining Yield Maintenance Payments (see Notes 26 and 28)

Open Payments (see Note 28)

Prepayment Provision (Payments) (see Notes 26, 27 and 28)

Partial Release Permitted (Y/N)

Partial Release Provisions

SPE (Y/N)

Title Type

## Source Document(s)

**Promissory Note** 

Cash Management Agreement, Loan Agreement or

Clearing Account Agreement

Cash Management Agreement, Loan Agreement or Clearing Account Agreement

Cash Management Agreement, Loan Agreement or Clearing Account Agreement

Cash Management Agreement, Loan Agreement or Clearing Account Agreement

Promissory Note, Loan Agreement or Loan Modification Agreement

Loan Agreement

Final Title Policy, Marked Title Commitment, Pro Forma Title Policy or Title Policy Commitment

Ground Lease, Ground Lease Estoppel	or
Underwriter's Summary Report	

## **Mortgage Loan Information**: (continued)

Char	acte	risti	С
O i i u i	aoto		•

Ground Lease Escalation Terms
Ground Lease Expiration
Ground Lease Extension Terms
Crossed Loan
Letter of Credit
Description of LOC
Counterparty of LOCs
Addit Debt Permitted (Y/N)

Addit Debt Exist (Y/N) (see Note 30)

Total Additional Debt (if any) (see Note 30)

Additional Debt Type(s) (see Note 30)

Additional Debt Interest Rate (see Note 30)

Additional Debt Annual Debt Service (see Note 30)

Tenant-in-Common Assumption Fee

## **Source Document(s)**

Ground Lease or Ground Lease Estoppel Ground Lease or Ground Lease Estoppel Ground Lease or Ground Lease Estoppel Loan Agreement Letter of Credit or Loan Agreement Letter of Credit or Loan Agreement Letter of Credit or Loan Agreement Promissory Note or Loan Agreement Promissory Note, Loan Agreement, Loan Modification Agreement or Secondary Financing Documents Promissory Note, Loan Agreement, Loan Modification Agreement or Secondary **Financing Documents** Promissory Note, Loan Agreement, Loan Modification Agreement or Secondary Financing Documents Promissory Note, Loan Agreement, Loan Modification Agreement or Secondary Financing Documents Promissory Note, Loan Agreement, Loan Modification Agreement or Secondary Financing Documents

Promissory Note or Loan Agreement

Loan Agreement

## Notes:

2.

- 1. For the purpose of comparing the:
  - a. Street Address,
  - b. City and
  - c. State

characteristics, we were instructed by the Mortgage Loan Sellers, on behalf of the Depositor, to ignore differences that are standard postal abbreviations.

For the purpose of comparing the "Property Type" characteristic for each Mortgage Loan (or, if applicable, each Underlying Property that secures a Mortgage Loan), the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the property type that accounts for the majority of the related mortgaged property's base rent (except for the Mortgage Loan described in the succeeding paragraph of this Note 2), as shown on the applicable appraisal report, borrower rent roll or underwritten rent roll Source Documents.

For the Mortgage Loan identified on the Combined Data File as "1505 East Warner," which is secured by more than one property type, as shown on the applicable appraisal report, borrower rent roll or underwritten rent roll Source Document, GACC, on behalf of the Depositor, instructed us to use "Mixed Use" for the "Property Type" characteristic.

For the purpose of comparing the "Occupancy %" characteristic for the mortgaged property that secures the Mortgage Loan identified on the Combined Data File as "One Harbor Point Square," GACC, on behalf of the Depositor, instructed us to use the total square footage of the vacant space, as shown on

 behalf of the Depositor, instructed us to use the total square footage of the vacant space, as shown or the borrower rent roll Source Document, and the total square footage of the mortgaged property, as shown on the underwritten rent roll Source Document.

For each Mortgage Loan (or, if applicable, each Underlying Property that secures a Mortgage Loan) on the Combined Data File with the "Single Tenant" characteristic as "Yes," (except for the Underlying

4. Property described in the succeeding paragraph of this Note 4), the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the Cut-off Date of the related Mortgage Loan for the "Occupancy Date" characteristic.

For the Underlying Property identified on the Combined Data File as "Barrett Lakes Center IV," JP Morgan, on behalf of the Depositor, instructed us to use the date of the underwritten rent roll Source Document for the "Occupancy Date" characteristic.

## **Notes**: (continued)

For each Mortgage Loan (or, if applicable, each specific Underlying Property that secures a Mortgage Loan) listed in Table A1, the applicable appraisal report Source Document includes multiple appraised values, which are listed in Table A1.

Table A1:

Mortgage		Underlying			Date of
Loan Seller	Mortgage Loan	Property	Appraised Value Description	Appraised Value	Appraised Value
GACC	Fauity Inna Partfalia	NAP	As Is - Aggregate of Individual Values	\$322,400,000	Various
SACC	Equity Inns Portfolio	NAP	As Is - Portfolio Transaction Value	\$360,000,000	20 August 2015
JP Morgan	DoubleTree Houston Intercontinental Airport	NAP	As Is Hypothetical Market Value As Complete	\$59,000,000 \$64,100,000	18 December 2015 18 December 2015
			As Is - Aggregate of Individual Values	\$57,530,000	1 February 2016
GACC	High Crossing Portfolio	NAP	As Is - Portfolio Transaction Value	\$57,500,000	1 February 2016
JP Morgan	Naples Grande Beach Resort	NAP	As Is Golf Course Allocation of Market Value	\$242,000,000 \$23,500,000	13 November 2015 13 November 2015
			Tennis Court As If Vacant Value	\$1,750,000	13 November 2015
JP Morgan	Barrett Lakes Center	Barrett Lakes Center IV	As Is Hypothetical Condition Assuming Tenant Does Not Have Remaining Rent Abatements	\$13,200,000 \$14,450,000	14 December 2015 14 December 2015
	0 1000 0 160		As Is - Aggregate of Individual Values	\$148,250,000	Various
SACC	Sun MHC Portfolio	NAP	As Is - Portfolio Transaction Value	\$144,100,000	20 November 2015
JP Morgan	Legends at Kingsville	NAP	As Is Market Value Upon Stabilization/ Completion	\$25,500,000 \$29,600,000	5 August 2015 1 September 2015
GACC	1505 East Warner	NAP	As Is As Stabilized	\$30,530,000 \$32,430,000	27 January 2016 27 July 2016
JP Morgan	Hampton Inn Seattle Airport	NAP	As Is Hypothetical Market Value As Complete	\$20,200,000 \$24,400,000	15 December 2015 15 December 2015

Notes: (continued)

## 5. (continued)

For each Mortgage Loan (or, if applicable, each specific Underlying Property that secures a Mortgage Loan) listed in Table A1, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the applicable information in Table A2 for the "Appraised Value (\$)" and "Appraisal Date" characteristics.

Table A2:

Mortgage Loan Seller	Mortgage Loan	Underlying Property	Appraised Value (\$)	Appraisal Date
GACC	Equity Inns Portfolio	NAP	\$360,000,000	20 August 2015
JP Morgan	DoubleTree Houston Intercontinental Airport	NAP	\$64,100,000	18 December 2015
GACC	High Crossing Portfolio	NAP	\$57,500,000	1 February 2016
JP Morgan	Naples Grande Beach Resort	NAP	\$263,750,000	13 November 2015
JP Morgan	Barrett Lakes Center	Barrett Lakes Center	\$14,450,000	14 December 2015
GACC	Sun MHC Portfolio	NAP	\$144,100,000	20 November 2015
JP Morgan	Legends at Kingsville	NAP	\$29,600,000	1 September 2015
GACC	1505 East Warner	NAP	\$32,430,000	27 July 2016
JP Morgan	Hampton Inn Seattle Airport	NAP	\$24,400,000	15 December 2015

- 6. For the purpose of comparing the "Phase II Performed" characteristic, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use:
  - a. "No" if the "Phase II Recommended" characteristic on the Combined Data File was "No,"
  - b. "No" if the "Phase II Recommended" characteristic on the Combined Data File was "Yes" and there was not a phase II environmental report Source Document in the related loan file and
  - c. "Yes" if the "Phase II Recommended" characteristic on the Combined Data File was "Yes" and there was a phase II environmental report Source Document in the related loan file.
- 7. The Mortgage Loan Sellers, on behalf of the Depositor, instructed us to perform procedures on the:
  - a. Seismic Date.
  - b. Seismic Zone and
  - c. PML %

characteristics only for Mortgage Loans and/or mortgaged properties that contained a seismic report Source Document in the related loan file.

## **Notes**: (continued)

For the purpose of comparing the "Earthquake Insurance" characteristic, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use "Yes" if the "PML %" characteristic on the Combined Data File is greater than or equal to 20% and the certificate of property insurance Source Document indicates

- 8. that earthquake insurance is in place. If the "PML %" characteristic on the Combined Data File is less than 20% or is "<black>," the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use "No" for the "Earthquake Insurance" characteristic, even if the certificate of property insurance Source Document indicates that earthquake insurance is in place.
- For the purpose of comparing the "Environmental Insurance" characteristic, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use "Yes" if there was a certificate of environmental insurance Source Document in the related loan file which indicates that environmental insurance is in place.

For the purpose of comparing the "Major Tenant Information" characteristics for each Mortgage Loan (or, if applicable, each Underlying Property that secures a Mortgage Loan), the Mortgage Loan Sellers, on

10. behalf of the Depositor, instructed us to consider the tenant that pays the higher monthly rent as the larger tenant for tenants with the same square footage, all as shown on the applicable Source Document.

For the purpose of comparing the "Major Tenant Information" for each Mortgage Loan (or, if applicable, each Underlying Property that secures a Mortgage Loan), the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to combine multiple spaces leased by the same tenant only if the lease for each space has the same lease expiration date, all as shown on the applicable Source Document.

- 11. For the purpose of comparing the:
  - a. Largest Tenant Lease Expiration,
  - b. 2<sup>nd</sup> Largest Tenant Lease Expiration,
  - c. 3<sup>rd</sup> Largest Tenant Lease Expiration,
  - d. 4<sup>th</sup> Largest Tenant Lease Expiration and
  - e. 5<sup>th</sup> Largest Tenant Lease Expiration

characteristics, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the last day of the applicable month if the applicable Source Document only showed the month and year of expiration.

For the purpose of comparing the "Underwriting Information" characteristics, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to ignore differences of \$3 or less.

- 13. For the purpose of comparing the:
  - a. UW Total Expenses (\$),
  - b. UW NOI (\$),
  - c. Most Recent Total Expenses (\$),
  - d. Most Recent NOI (\$),
  - e. 2013 Total Expenses (\$),
  - f. 2013 NOI (\$),
  - g. 2014 Total Expenses (\$),
  - h. 2014 NOI (\$),
  - i. 2015 Total Expenses (\$) and
  - j. 2015 NOI (\$)

characteristics for each mortgaged property identified on the Combined Data File with the "Property Type" characteristic as "Hotel," except for the mortgaged properties that secure the Mortgage Loans identified on the Combined Data File as "Equity Inns Portfolio" (the "Equity Inns Portfolio Mortgage Loan"), "Residence Inn Murfreesboro" and "Home2Suites Hilton Lehi," we were instructed by the Mortgage Loan Sellers, on behalf of the Depositor, to increase the "total expenses" and to decrease the applicable "NOI" that are shown on the underwriter's summary report Source Document by the "FF&E reserve" amount that is shown on the underwriter's summary report Source Document.

- 14. The Mortgage Loan Sellers, on behalf of the Depositor, instructed us to perform procedures on the:
  - a. Most Recent Occupancy,
  - b. Most Recent Occupancy Date.
  - c. Second Most Recent Occupancy,
  - d. Second Most Recent Occupancy Date,
  - e. Third Most Recent Occupancy and
  - f. Third Most Recent Occupancy Date

characteristics only for the fifteen largest Mortgage Loans on the Combined Data File (based on the "Current Balance (\$)" of each Mortgage Loan, as defined in Item 11. of Attachment A).

The Mortgage Loan Sellers, on behalf of the Depositor, instructed us to perform procedures on the "Hotel Operating Information" characteristics only for mortgaged properties identified on the Combined Data File with the "Property Type" characteristic as "Hotel."

- 16. For the purpose of comparing the:
  - a. Monthly Capex Reserve (\$),
  - b. Monthly TI/LC Reserve (\$),
  - c. Monthly Envir. Reserve (\$),
  - d. Monthly Other Reserve (\$) and
  - e. Monthly Debt Service Reserve

characteristics, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to:

- Use the monthly amounts, as shown on the applicable Source Documents, if the respective upfront reserve amounts, as shown on the applicable Source Documents, were
- less than the respective reserve cap amounts, as shown on the applicable Source

  Documents, and
  - Use "Springing" if the respective upfront reserve amounts, as shown on the applicable
- ii. Source Documents, were equal to or greater than the respective reserve cap amounts, as shown on the applicable Source Documents.

Additionally, for any of the characteristics listed in a. through e. above for which the value on the Combined Data File was "Springing," we performed no procedures to determine if the balances in the respective reserve accounts as of the Cut-off Date are still equal to or greater than the respective reserve cap amounts, as shown on the applicable Source Documents.

For the Mortgage Loan listed in Table A3, JP Morgan, on behalf of the Depositor, instructed us to use the information in the "Provided Value" column for the applicable characteristic listed in Table A3, even though the information in the "Provided Value" column did not agree with the corresponding information in the "Source Document Value" column that was shown on the applicable Source Document(s).

<b>Table</b>	A3:
--------------	-----

Mortgage				
Loan Seller	Mortgage Loan	Characteristic	Source Document Value	Provided Value
JP Morgan	Palisades Center	Monthly Other Reserve (\$)	No Source Document	\$157,828
				Estate of Ned A. Besso and Barvan Corp.: \$512,856; Bobby
		Annual Ground Lease Payment	No Source Document	Lane Properties, LLC: \$545,460; Joseph Miele and Gloria Miele:
				\$75,000; Queens Comic's Stop, Ltd.: \$760,620

We performed no procedures to determine the accuracy, completeness or reasonableness of the "Provided Value" information in Table A3 that was provided by JP Morgan, on behalf of the Depositor.

- 18. For the purpose of comparing the:
  - a. CapEx Reserve Cap (\$),
  - b. TI/LC Reserve Cap (\$),
  - c. Envir. Reserve Cap (\$),
  - d. RE Tax Reserve Cap (\$),
  - e. Insur. Reserve Cap (\$),
  - f. Debt Service Reserve Cap (\$) and
  - g. Other Reserve Cap (\$)

characteristics, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to include the reserve cap amounts that are shown on the applicable Source Documents regardless of any respective upfront or monthly reserve stipulations that have suspended or may potentially suspend these reserve cap amounts.

- 19. For the purpose of comparing the:
  - a. RE Tax Escrow Cash or LOC,
  - b. Insurance Escrow Cash or LOC,
  - c. Capex Escrow Cash or LOC,
  - d. TI/LC Reserve Cash or LOC,
  - e. Envir. Escrow Cash or LOC,
  - f. Debt Service Reserve Cash or LOC and
  - g. Other Reserve Cash or LOC

characteristics, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use either "Cash" or "LOC" (based on the information described on the applicable Source Documents) if there is an upfront reserve in place and to use "<black>" if there is no upfront reserve in place.

The Mortgage Loan Sellers, on behalf of the Depositor, indicated that the Mortgage Loans listed in Table A4 (each, a "Pari Passu Mortgage Loan") are each comprised of one or more pari-passu components of a mortgage whole loan (each, a "Whole Loan"), which also has one or more pari-passu components that will not be assets of the Issuing Entity (each, a "Companion Loan"). Additionally, the Mortgage Loan Sellers, on behalf of the Depositor, indicated that:

With respect to the Pari Passu Mortgage Loan identified on the Combined Data File as "787 Seventh Avenue" (the "787 Seventh Avenue Mortgage Loan"), the related Whole Loan (the "787

- Seventh Avenue Whole Loan") also has one subordinate secured note that will not be an asset of the Issuing Entity (the "787 Seventh Avenue Subordinate Secured Companion Loan") and With respect to the Pari Passu Mortgage Loan identified on the Combined Data File as
- b. "Palisades Center" (the "Palisades Center Mortgage Loan"), the related Whole Loan (the "Palisades Center Whole Loan") also has six subordinate secured notes that will not be assets of the Issuing Entity (the "Palisades Center Subordinate Secured Companion Loans").

### 20. (continued)

For each Whole Loan listed in Table A4, the applicable Source Document listed in the "Source Document" column of Table A4 indicates that the Whole Loan was split into multiple components which are pari-passu with each other, and also with respect to the 787 Seventh Avenue Whole Loan and Palisades Center Whole Loan, one or more components that are subordinate to the related Mortgage Loan and Companion Loan(s) (each such component, a "Note Component"), which are listed in the "Note Component(s)" column of Table A4.

Table A4:

		Mortgage Loan and	Note	Amortization	
Whole Loan	Mortgage Loan Seller	Companion Loan(s)	Component(s)	Туре	Source Document
Quaker Bridge	JP Morgan	Mortgage Loan	A-1	Interest Only	Loan Agreement
Mall	g	Companion Loan	A-2	,	
787 Seventh	GACC	Mortgage Loan	A-8	Interest Only	Loan Modification Agreement
Avenue		Companion Loans	A-1 A-2 A-3 A-4		
Avenue		Companion Eduna	A-5 A-6 A-7		
		Subordinate Secured Companion Loan	В		
100 East Pratt	JP Morgan	Mortgage Loan	A-1 A-4	Interest Only	Loan Modification Agreement
		Companion Loans	A-2 A-3 A-5 A-6		giornia
Sanofi Office Comp	olex JP Morgan	A-3-A A-3-B Mortgage Loan A-4-A A-4-B	A-3-B A-4-A A-4-B	ARD-Interest Only	Loan Agreement
		Companion Loans	A-1-A A-1-B A-2-A A-2-B		
Williamsburg Premi	ium GACC	Mortgage Loan	A-2 A-5-A	Interest Only	Loan Modification Agreement
Outlets		Companion Loans	A-1 A-3 A-4 A-5-B A-6		Š

20. (continued)

	Mortgage	Mortgage Loan and	Note	Amortization	
Whole Loan	Loan Seller	Companion Loan(s)	Component(s)	Туре	Source Document
Four Penn Center	JP Morgan	Mortgage Loan Companion Loan	A-1 A-2	IO-Balloon	Loan Agreement
Equity Inns Portfolio	GACC	Mortgage Loan	A-4-B A-5-B A-6 A-1-A A-1-B	Interest Only	Loan Modification Agreement
		Companion Loans	A-2-A1 A-2-A2 A-2-B A-3 A-4-A A-5-A		
One Harbor Point Square	GACC	Mortgage Loan Companion Loan	A-2 A-1	IO-Balloon	Loan Agreement
Naples Grande Beach Resort	JP Morgan	Mortgage Loan Companion Loans	A-3 A-1 A-2	IO-Balloon	Loan Modification Agreement
Palisades Center	JP Morgan	Mortgage Loan Companion Loans	A-1-B A-1-A A-2-A B-1	Interest Only	Loan Modification Agreement
		Subordinate Secured Companion Loans	B-2 C-1 C-2 D-1 D-2		
Sun MHC Portfolio	GACC	Mortgage Loan Companion Loan	A-2 A-1	IO-Balloon	Loan Modification Agreement
Hall Office Park A1/G1/G3	GACC	Mortgage Loan Companion Loan	A-2 A-1	IO-Balloon	Loan Modification Agreement

For the avoidance of doubt, for the 787 Seventh Avenue Mortgage Loan and Palisades Center Mortgage Loan, all references herein to the related "Companion Loans" exclude the 787 Seventh Avenue Subordinate Secured Companion Loan and the Palisades Center Subordinate Secured Companion Loans, respectively.

20. (continued)

For the purpose of comparing the "Original Balance (\$)" and "Pari Passu Piece - In Trust" characteristics for each Pari Passu Mortgage Loan, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use information on the Source Document listed in the "Source Document" column of Table A4 for the "Note Component(s)" that are listed in the "Note Component(s)" column of Table A4 that are associated with the "Mortgage Loan" component(s) of each Whole Loan that are listed in the "Mortgage Loan and Companion Loan(s)" column of Table A4.

For the purpose of comparing the "Total Non Trust Pari Passu Debt" characteristic for each Pari Passu Mortgage Loan, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use information on the Source Document listed on the "Source Document" column of Table A4 for the "Note Component(s)" that are listed in the "Note Component(s)" column of Table A4 that are associated with the "Companion Loan(s)" component(s) of each Whole Loan that are listed in the "Mortgage Loan and Companion Loan(s)" column of Table A4.

For the purpose of comparing the "Total Pari Passu Annual Debt Service" characteristic for each Pari Passu Mortgage Loan with "Interest Only" or "ARD-Interest Only" listed in the "Amortization Type" column of Table A4, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to recalculate the "Total Pari Passu Annual Debt Service" (which is the monthly debt service relating to the Whole Loan associated with each Pari Passu Mortgage Loan) as the product of:

- a. The sum of:
  - i. Pari Passu Piece In Trust and
  - ii. Total Non Trust Pari Passu Debt.
- b. Interest Rate % and
- c. 365/360.

For the purpose of comparing the "Monthly Debt Service (\$)" characteristic for each Pari Passu Mortgage Loan with "IO-Balloon" listed in the "Amortization Type" column of Table A4 (together, the "Partial I/O Pari Passu Mortgage Loans"), the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the pro-rata portion of the monthly debt service following the expiration of the "I/O Period" (as defined in Item 9. of Attachment A) for the related Whole Loan that is shown on the applicable Source Document based on the ratio of the "Original Balance (\$)" of the Mortgage Loan, as shown on the Combined Data File, to the original balance of the Whole Loan, as shown on the applicable Source Document.

### 20. (continued)

For the purpose of comparing the "Total Pari Passu Annual Debt Service" characteristic for each Partial I/O Pari Passu Mortgage Loan, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to:

- a. Use the monthly debt service for the related Whole Loan after the expiration of the "I/O Period" that is shown on the applicable Source Document and
- b. Multiply the value described in clause a. above by 12.
- For the Mortgage Loans identified on the Combined Data File with the "Amortization Type" characteristic as "Interest Only" (the "Interest Only Loans"), which all have an "Accrual Type" of "Actual/360," as shown on the Combined Data File, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to recalculate the "Monthly Debt Service (\$)" characteristic as 1/12<sup>th</sup> of the product of:
  - a. Original Balance (\$),
  - b. Interest Rate % and
  - c. 365/360.

For the purpose of comparing the "Monthly Debt Service (\$)" characteristic for the Mortgage Loans identified on the Combined Data File with the "Amortization Type" characteristic as "IO-Balloon" (the "IO-

- 22. Balloon Loans"), except for the Partial I/O Pari Passu Mortgage Loans, which are described in Note 20 above, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the "Monthly Debt Service (\$)" after the expiration of the "I/O Period" that is shown on the applicable Source Document.
- For the Mortgage Loan identified on the Combined Data File with the "ARD Loan" characteristic as "Yes,"

  JP Morgan, on behalf of the Depositor, instructed us to use the anticipated repayment date, as shown on the loan agreement Source Document, for the "Maturity Date" characteristic.

- For the purpose of comparing the "Lockbox Type" characteristic, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the following definitions:
  - <u>Hard</u> the related Mortgage Loan documents currently require tenants (or its property manager)
  - a. to pay rent or other income directly to the lockbox account, with the funding of all required escrow and reserve accounts (including for debt service) derived directly from such lockbox account,

    <u>Soft</u> the related Mortgage Loan documents currently require the related borrower or the
  - b. property manager at the related mortgaged property to collect rents from tenants and pay all such rent directly to the lockbox account, with the funding of all required escrow and reserve accounts (including for debt service) derived directly from such lockbox account,

    <u>CMA</u> the related Mortgage Loan documents currently require tenants, or the related borrower (or its property manager), at the related mortgaged property to pay rent or other income directly to the lockbox account; provided, however, that thereafter funds deposited in such lockbox
  - account are paid directly to the related borrower who pays debt service and funds all required
    escrow and reserve accounts (including debt service) from the amounts received; however, in
    some cases, upon the occurrence of certain triggering events enumerated in the related
    Mortgage Loan documents, the lockbox account converts to a hard lockbox, and
    <a href="Springing">Springing</a> no lockbox account is currently in place and that the related borrower (or its property
    manager) is responsible for paying debt service and funding all escrow and reserve accounts
  - d. (including debt service); however, upon the occurrence of certain triggering events enumerated in the related Mortgage Loan documents, the related borrower is required to implement either a hard lockbox, soft lockbox or CMA lockbox.

For the purpose of comparing the "Lockout End Date" characteristic for each Mortgage Loan (except for the Mortgage Loans which are described in the succeeding paragraph of this Note 25), the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the day prior to the first "Payment Due Date" in the defeasance period for Mortgage Loans that allow for defeasance and the day prior to the first "Payment Due Date" in the yield maintenance period for Mortgage Loans that can be prepaid with yield maintenance, all as shown on the applicable Source Documents. If a Mortgage Loan allows for both defeasance and prepayment with yield maintenance, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the earlier of the dates described in the preceding sentence for the purpose of comparing the "Lockout End Date" characteristic.

25. (continued)

For the Mortgage Loans which have no lockout period, as shown on the applicable Source Documents, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use "NAP" for the "Lockout End Date" characteristic.

For the purpose of comparing the "Defeasance End Date" characteristic for Mortgage Loans that allow for defeasance and the "Yield Maint. End Date" characteristic for Mortgage Loans that can be prepaid with yield maintenance, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use the day prior to the first "Payment Due Date" in the open period, as shown on the applicable Source Document.

For certain Mortgage Loans contributed by JP Morgan, the loan agreement Source Document contains one of the following defined terms:

"Permitted Prepayment Date" shall mean the second (2<sup>nd</sup>) anniversary of the first Payment Date

"Permitted Prepayment Date" shall mean the second (2<sup>nd</sup>) anniversary of the first (1<sup>st</sup>) Payment Date (or if such day is not a Business Day, the immediately succeeding Business Day)

For the purpose of comparing the:

- a. Lockout End Date,
- b. JEMS Lockout Output.
- c. Remaining Yield Maintenance Payments and
- d. Prepayment Provision (Payments)

characteristics for the Mortgage Loans which contain either of the defined terms described above on the loan agreement Source Document, JP Morgan, on behalf of the Depositor, instructed us to assume that the "first Payment Date" is the "Payment Due Date" after the end of the first full interest accrual period, as shown on the loan agreement Source Document.

#### 26. (continued)

Additionally, for the Mortgage Loans which contain the second defined term described above on the loan agreement Source Document, JP Morgan, on behalf of the Depositor, instructed us that if that second anniversary of the "first (1<sup>st</sup>) Payment Date" (in accordance with the instructions in the preceding paragraph) falls on a day that is not a business day, to assume that the "Permitted Prepayment Date" will be the succeeding "Payment Due Date" (due to the requirement on the loan agreement Source Document that the borrower remit interest through the next "Payment Due Date" if the Mortgage Loan is not prepaid on a "Payment Due Date").

#### 27. For the purpose of comparing the:

- a. Lockout End Date,
- b. JEMS Lockout Output,
- c. Remaining Defeasance Payments and
- d. Prepayment Provision (Payments)

characteristics for the Pari Passu Mortgage Loans identified on the Combined Data File as:

- i. Quaker Bridge Mall,
- ii. 100 East Pratt.
- iii. Williamsburg Premium Outlets,
- iv. Four Penn Center and
- v. One Harbor Point Square,

which each have the "Defeasance Allowed" characteristic as "Yes" on the Combined Data File, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to assume that the entire "Loan" (as defined on the applicable loan agreement Source Document) has been securitized.

For certain Mortgage Loans contributed by JP Morgan, the loan agreement Source Document contains the following defined term:

"Permitted Par Prepayment Date" shall mean any Business Day [on or] after the Payment Date that is [xx] months prior to the Maturity Date

For the purpose of comparing the:

- a. Defeasance End Date,
- b. Yield Maint. End Date,
- c. Remaining Defeasance Payments,
- d. Remaining Yield Maintenance Payments,
- e. Open Payments and
- f. Prepayment Provision (Payments)

characteristics, JP Morgan, on behalf of the Depositor, instructed us to assume that the "Permitted Par Prepayment Date" is the <u>first</u> "Business Day [on or] after the Payment Date that is [xx] months prior to the Maturity Date."

For certain Mortgage Loans, the "Yield Maintenance Premium" definition on the loan agreement Source Document describes that for the purpose of calculating the yield maintenance premium amount, it is assumed in this calculation that the outstanding principal balance of the Mortgage Loan is paid on the "Permitted Par Prepayment Date." For the purpose of comparing the "Yield Maint. Provision"

- 29. characteristic and for the purpose of any yield maintenance recalculations that we perform for Mortgage Loans where the "Permitted Par Prepayment Date" does not fall on a "Payment Due Date," the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to assume that for the recalculation of the yield maintenance premium amount, the remaining outstanding principal and interest on the Mortgage Loan is paid on the first "Payment Due Date" which occurs after the "Permitted Par Prepayment Date."
- 30. For the purpose of comparing the:
  - a. Addit Debt Exist (Y/N),
  - b. Total Additional Debt (if any),
  - c. Additional Debt Type(s),
  - d. Additional Debt Interest Rate and
  - e. Additional Debt Annual Debt Service

characteristics for each Mortgage Loan which has additional debt, either:

- The promissory note, loan agreement and/or loan modification agreement Source
  Documents describe the existence of additional debt or
  The Mortgage Loan Sellers, on behalf of the Depositor, provided us with certain
  mezzanine or subordinate loan promissory notes, B-notes, subordinate or mezzanine loan
- ii. agreements, intercreditor agreements and/or other secondary financing documents (collectively, the "Secondary Financing Documents") that describe the existence of additional debt.

It is possible that other documents not provided to us would indicate additional existing secondary financing. Other than the information indicated on the promissory note, loan agreement and/or loan modification agreement Source Documents or the Secondary Financing Documents provided to us by the Mortgage Loan Sellers, on behalf of the Depositor, we could not determine whether there is other existing secondary financing.

### 30. (continued)

For the Equity Inns Portfolio Mortgage Loan, GACC, on behalf of the Depositor, indicated that in addition to pari passu debt, there is also a preferred equity loan with an original principal balance of \$99,800,000 and a balance as of the Cut-off Date of \$65,246,820. For the Equity Inns Portfolio Mortgage Loan, GACC, on behalf of the Depositor, instructed us to use:

- a. "Yes" for the "Addit Debt Exist (Y/N)" characteristic,
- b. "\$99,800,000" for the "Total Additional Debt (if any)" characteristic,
- c. "Preferred Equity" for the "Additional Debt Type(s)" characteristic,
- d. "NAP" for the "Additional Debt Interest Rate" characteristic and
- e. "NAP" for the "Additional Debt Annual Debt Service" characteristic.

For the purpose of comparing the:

- a. Addit Debt Exist (Y/N),
- b. Total Additional Debt (if any),
- c. Additional Debt Type(s),
- d. Additional Debt Interest Rate and
- e. Additional Debt Annual Debt Service

characteristics for the 787 Seventh Avenue Mortgage Loan and Palisades Center Mortgage Loan, the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to include the Seventh Avenue Subordinate Secured Companion Loan and the Palisades Center Subordinate Secured Companion Loans, respectively, as "additional debt".

For each Mortgage Loan which does not have additional debt (based on the procedures described in the first paragraph of this Note 30), the Mortgage Loan Sellers, on behalf of the Depositor, instructed us to use:

- a. "No" for the "Addit Debt Exist (Y/N)" characteristic,
- b. "NAP" for the "Total Additional Debt (if any)" characteristic,
- c. "NAP" for the "Additional Debt Type(s)" characteristic,
- d. "NAP" for the "Additional Debt Interest Rate" characteristic and
- e. "NAP" for the "Additional Debt Annual Debt Service" characteristic.

We performed no procedures to determine the accuracy, completeness or reasonableness of the instructions, assumptions and methodologies provided by the Mortgage Loan Sellers on behalf of the Depositor, that are described in the notes above.

# **Provided Characteristics**

### Characteristic

Sequence #

Loan / Prop.

**Property Name** 

Seller

Originator

Loan #

CTL (Y/N)

Pari Passu (Y/N)

Pari Passu Note Control (Y/N)

Subservicer In Place (Y/N)

Subservicer Name

Master Servicing Fee Rate

Primary Servicing Fee Rate

Subservicer Fee

Trustee & Paying Agent Fee

Operating Advisor & ARR Fee

**CREFC Fee** 

Cash/Pmt Collection Function

Loan Purpose

**Note:** We performed no procedures to determine the accuracy, completeness or reasonableness of the Provided Characteristics.