Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2018

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] a single-employer plan
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report
- [ ] the final return/report
- [ ] an amended return/report
- [ ] a short plan year return/report (less than 12 months)

C If the plan is a collectively-bargained plan, check here. . . . . ▶ [ ]

D Check box if filing under:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
WILSHIRE ASSOCIATES INCORPORATED 401(K) EMPLOYEE SAVINGS PLAN

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 01/01/1990

2a Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)
WILSHIRE ASSOCIATES INCORPORATED

1299 OCEAN AVENUE, SUITE 700
SANTA MONICA, CA 90401

2b Employer Identification Number (EIN)
95-2755361

2c Plan Sponsor's telephone number
310-451-3051

2d Business code (see instructions)
523900

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	07/31/2019	MICHAEL WAUTERS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a	Plan administrator's name and address [X] Same as Plan Sponsor	**3b**	Administrator's EIN
		3c	Administrator's telephone number
4	If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: **a** Sponsor's name **c** Plan Name	**4b**	EIN
		4d	PN

5	Total number of participants at the beginning of the plan year	**5**	417
6	Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1)	Total number of active participants at the beginning of the plan year	**6a(1)**	246
a(2)	Total number of active participants at the end of the plan year	**6a(2)**	239
b	Retired or separated participants receiving benefits	**6b**	0
c	Other retired or separated participants entitled to future benefits	**6c**	158
d	Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	397
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	0
f	Total. Add lines **6d** and **6e**.	**6f**	397
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	375
h	Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	0
7	Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2F 2G 2J 2K 2R 2T 3D

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)		**9b** Plan benefit arrangement (check all that apply)	
(1)	[ ] Insurance	**(1)**	[ ] Insurance
(2)	[ ] Code section 412(e)(3) insurance contracts	**(2)**	[ ] Code section 412(e)(3) insurance contracts
(3)	[X] Trust	**(3)**	[X] Trust
(4)	[ ] General assets of the sponsor	**(4)**	[ ] General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- **(1)** [X] **R** (Retirement Plan Information)
- **(2)** [ ] **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- **(3)** [ ] **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- **(1)** [X] **H** (Financial Information)
- **(2)** [ ] **I** (Financial Information – Small Plan)
- **(3)** [ ] ___ **A** (Insurance Information)
- **(4)** [X] **C** (Service Provider Information)
- **(5)** [X] **D** (DFE/Participating Plan Information)
- **(6)** [ ] **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2018 Form M-1 annual report. If the plan was not required to file the 2018 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**2018** **This Form is Open to Public Inspection.**

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
WILSHIRE ASSOCIATES INCORPORATED 401(K) EMPLOYEE SAVINGS PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
WILSHIRE ASSOCIATES INCORPORATED

D Employer Identification Number (EIN)
95-2755361

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. . . . . [X] Yes [ ] No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
60 64 65 71	RECORDKEEPER	3624	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] No [ ]

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes [ ] No [ ]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes [ ] No [ ]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	**(c)** Relationship to employer, employee organization, or person known to be a party-in-interest	**(d)** Enter direct compensation paid by the plan. If none, enter -0-.	**(e)** Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	**(f)** Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	**(g)** Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	**(h)** Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	**(c)** Relationship to employer, employee organization, or person known to be a party-in-interest	**(d)** Enter direct compensation paid by the plan. If none, enter -0-.	**(e)** Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	**(f)** Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	**(g)** Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	**(h)** Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	**(c)** Relationship to employer, employee organization, or person known to be a party-in-interest	**(d)** Enter direct compensation paid by the plan. If none, enter -0-.	**(e)** Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	**(f)** Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	**(g)** Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	**(h)** Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
DODGE & COX STOCK - DST ASSET MANA PO BOX 219432 KANSAS CITY, MO 64121	0.10%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
LZRD EMRG MKTS EQ IS - DST ASSET M PO BOX 219432 KANSAS CITY, MO 64121	0.15%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MOND INTL GV FX INC - ATLANTIC SHA 26-1345198	0.10%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
TRP NEW HORIZONS - T. ROWE PRICE S 52-2269240	0.15%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
TRP SMALL-CAP VALUE - T. ROWE PRIC 52-2269240	0.15%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
BLACKROCK GLOBAL LONG/SHORT CREDIT 40 EAST 52ND STREET NEW YORK, NY 10022	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
EATON VANCE GL MACROABSOLUTE RTRN	TWO INTERNATIONAL PLACE BOSTON, MA 02110	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
HARBOR DIVERSIFIED INTERN ALL CAP	111 S. WACKER DR 34TH FLOOR CHICAGO, IL 60606	0.35%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation		**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
ASG MANAGED FUTURES STRATEY FUND C	399 BOYLSTON STREET 8TH FLOOR BOSTON, MA 02116	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
NEUBERGER BERMAN EMERGING MKTS EQ 1290 AVENUE OF THE AMERICAS 22ND FL NEW YORK, NY 10104	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
HARDING LOEVNER GLBLEQUITY PORT AD PO BOX 4766 CHICAGO, IL 60680	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
361 GLOBAL LONG SHORT EQUITY FD IN 2220 E. ROUTE 66 SUITE 226 GLENDORA, CA 91740	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JANUS HENDERSON GLBLUNCONSTRAINED 151 DETROIT ST. DENVER, CO 80206	0.35%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
TORTOISE MLP & PIPELINE FD INSTL 4100 WEST 115TH STREET SUITE 1000 LEAWOOD, KS 66211	0.15%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
NEUBERGER BERMAN LONG SHORT CREDIT 1290 AVENUE OF THE AMERICAS 22ND FL NEW YORK, NY 04002	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
BLACKROCK STRATEGIC INC OPP PORT C 40 EAST 52ND STREET NEW YORK, NY 10022	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
LAZARD INTL STRAT EQUITY PORT OPEN 30 ROCKEFELLER PLAZA 57TH FL. NEW YORK, NY 10112	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
BOSTON PARTNERS GLOBL LONG SHRT IN 223 WILMINGTON WEST CHESTER PIKE #2 CHADDS FORD, PA 19317	0.40%

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
GOLDMAN SACHS INTL SM CAP INSIGHTS 71 S. WACKER DRIVE 4TH FLOOR CHICAGO, IL 60606	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
GUGGENHEIM MACRO OPPORTUNITIES CL 9601 BLACKWELL RD. STE. 500 ROCKVILLE, MD 20850	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
WILSHIRE ASSOCIATES INCORPORATED 401(K) EMPLOYEE SAVINGS PLAN

B Three-digit plan number (PN) ▶ 001

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
WILSHIRE ASSOCIATES INCORPORATED

D Employer Identification Number (EIN)
95-2755361

Part I **Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)**
(Complete as many entries as needed to report all interests in DFEs)

a Name of MTIA, CCT, PSA, or 103-12 IE: PGI INTL SM CAP EQ

b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
81-3934776-001	C	170465

a Name of MTIA, CCT, PSA, or 103-12 IE: BTC LIFEPATH 2040 J

b Name of sponsor of entity listed in (a): BLACKROCK INST. TRUST COMPANY, N.A.

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
33-1162476-001	C	849597

a Name of MTIA, CCT, PSA, or 103-12 IE: BTC LIFEPATH 2035 J

b Name of sponsor of entity listed in (a): BLACKROCK INST. TRUST COMPANY, N.A.

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
33-1162475-001	C	680663

a Name of MTIA, CCT, PSA, or 103-12 IE: BTC LIFEPATH 2020 J

b Name of sponsor of entity listed in (a): BLACKROCK INST. TRUST COMPANY, N.A.

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
33-1162472-001	C	224413

a Name of MTIA, CCT, PSA, or 103-12 IE: BTC LIFEPATH 2030 J

b Name of sponsor of entity listed in (a): BLACKROCK INST. TRUST COMPANY, N.A.

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
33-1162474-001	C	688771

a Name of MTIA, CCT, PSA, or 103-12 IE: BTC LIFEPATH 2050 J

b Name of sponsor of entity listed in (a): BLACKROCK INST. TRUST COMPANY, N.A.

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
26-0896108-001	C	560681

a Name of MTIA, CCT, PSA, or 103-12 IE: BTC LIFEPATH 2055 J

b Name of sponsor of entity listed in (a): BLACKROCK INST. TRUST COMPANY, N.A.

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
27-2894130-001	C	282810

a Name of MTIA, CCT, PSA, or 103-12 IE: BTC LIFEPATH 2060 J

b Name of sponsor of entity listed in (a): BLACKROCK INST. TRUST COMPANY, N.A.

c EIN-PN 47-1951721-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 62312

a Name of MTIA, CCT, PSA, or 103-12 IE: BTC LIFEPATH RET J

b Name of sponsor of entity listed in (a): BLACKROCK INST. TRUST COMPANY, N.A.

c EIN-PN 33-1162478-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1730429

a Name of MTIA, CCT, PSA, or 103-12 IE: BTC LIFEPATH 2025 J

b Name of sponsor of entity listed in (a): BLACKROCK INST. TRUST COMPANY, N.A.

c EIN-PN 33-1162473-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 337452

a Name of MTIA, CCT, PSA, or 103-12 IE: BTC LIFEPATH 2045 J

b Name of sponsor of entity listed in (a): BLACKROCK INST. TRUST COMPANY, N.A.

c EIN-PN 33-1162477-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1067287

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

a Plan name	
b Name of plan sponsor	**c** EIN-PN

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
WILSHIRE ASSOCIATES INCORPORATED 401(K) EMPLOYEE SAVINGS PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
WILSHIRE ASSOCIATES INCORPORATED

D Employer Identification Number (EIN)
95-2755361

Part I Asset and Liability Statement

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	0	0
(2) Participant contributions	1b(2)	0	0
(3) Other	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	2175539	2423083
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants)	1c(7)	0	0
(8) Participant loans	1c(8)	0	0
(9) Value of interest in common/collective trusts	1c(9)	7334119	6654880
(10) Value of interest in pooled separate accounts	1c(10)	0	0
(11) Value of interest in master trust investment accounts	1c(11)	0	0
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	35285202	33177001
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)	0	0

			(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:			
	(1) Employer securities	1d(1)	0	0
	(2) Employer real property	1d(2)	0	0
e	Buildings and other property used in plan operation	1e	0	0
f	Total assets (add all amounts in lines 1a through 1e)	1f	44794860	42254964
	Liabilities			
g	Benefit claims payable	1g	0	0
h	Operating payables	1h	0	0
i	Acquisition indebtedness	1i	0	0
j	Other liabilities	1j	0	0
k	Total liabilities (add all amounts in lines 1g through1j)	1k	0	0
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	44794860	42254964

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

	Income		(a) Amount	(b) Total
a	**Contributions:**			
	(1) Received or receivable in cash from: **(A)** Employers	2a(1)(A)	0	
	(B) Participants	2a(1)(B)	2585089	
	(C) Others (including rollovers)	2a(1)(C)	3995	
	(2) Noncash contributions	2a(2)	0	
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		2589084
b	**Earnings on investments:**			
	(1) Interest:			
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	33074	
	(B) U.S. Government securities	2b(1)(B)	0	
	(C) Corporate debt instruments	2b(1)(C)	0	
	(D) Loans (other than to participants)	2b(1)(D)	0	
	(E) Participant loans	2b(1)(E)	0	
	(F) Other	2b(1)(F)	0	
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		33074
	(2) Dividends: **(A)** Preferred stock	2b(2)(A)	0	
	(B) Common stock	2b(2)(B)	0	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1857686	
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		1857686
	(3) Rents	2b(3)		0
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)	0	
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		0
	(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)	0	
	(B) Other	2b(5)(B)	0	
	(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-456198
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-3826073
c Other income	2c		0
d Total income. Add all **income** amounts in column (b) and enter total	2d		197573
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	2733875	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		2733875
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	0	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	3594	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		3594
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		2737469
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-2539896
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unqualified **(2)** ☐ Qualified **(3)** ☒ Disclaimer **(4)** ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: GGF, LLP **(2)** EIN: 20-8097596

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. **(2)** ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	4b		X	

			Yes	No	Amount
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e	Was this plan covered by a fidelity bond?	4e	X		1000000
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i	Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l	Has the plan failed to provide any benefit when due under the plan?	4l		X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n		X	

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	**5b(2)** EIN(s)	**5b(3)** PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ..... ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year_____. (See instructions.)

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
WILSHIRE ASSOCIATES INCORPORATED 401(K) EMPLOYEE SAVINGS PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
WILSHIRE ASSOCIATES INCORPORATED

D Employer Identification Number (EIN)
95-2755361

Part I Distributions

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions **1**

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): 04-6568107

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year **3**

Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) **6a**

b Enter the amount contributed by the employer to the plan for this plan year **6b**

c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) **6c**

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☐ **Increase** ☐ **Decrease** ☐ **Both** ☐ **No**

Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ **Yes** ☐ **No**

11 a Does the ESOP hold any preferred stock? ..... ☐ **Yes** ☐ **No**

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ **Yes** ☐ **No**

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ **Yes** ☐ **No**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	**14a**	
b The plan year immediately preceding the current plan year	**14b**	
c The second preceding plan year	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

WILSHIRE ASSOCIATES INCORPORATED
401(k) EMPLOYEE SAVINGS PLAN

Financial Statements

And Independent Auditors' Report

As of December 31, 2018 and 2017

WILSHIRE ASSOCIATES INCORPORATED
401(k) EMPLOYEE SAVINGS PLAN

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INDEPENDENT AUDITORS' REPORT

To the Plan Administrative Committee of
Wilshire Associates Incorporated 401(k) Employee Savings Plan:

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Wilshire Associates Incorporated 401(k) Employee Savings Plan (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017, and the related statement of changes in net assets available for benefits for the year ended December 31, 2018, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we are not able to obtain sufficient appropriate evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Notes 3 and 4, which was certified by Fidelity Management Trust Company ("Fidelity" or "Trustee"), the Trustee of the Plan, except for comparing the information with the related information included in the financial statements and supplemental schedule. We have been informed by the Plan Administrator that the Trustee holds the Plan's investment assets and executes investment transactions. The Plan Administrator has obtained a certification from the Trustee as of and for the years ended December 31, 2018 and 2017, that the information provided to the Plan Administrator by the Trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matters

The supplemental schedule, Schedule of Assets Held as of or for the year ended December 31, 2018 is required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and are presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedule referred to above.

Report on Form and Content of Compliance With DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the Trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

GGF, LLP

GGF, LLP
Encino, California
July 22, 2019

WILSHIRE ASSOCIATES INCORPORATED
401(k) Employee Savings Plan
Statements of Net Assets Available for Benefits

	December 31,	
	2018	2017
Assets:		
Investments at fair value (See Note 4)	$ 42,254,964	$ 44,794,860
Net assets available for benefits	$ 42,254,964	$ 44,794,860

See accompanying notes to the financial statements

WILSHIRE ASSOCIATES INCORPORATED
401(k) Employee Savings Plan
Statement of Changes in Net Assets Available for Benefits

	Year Ended December 31, 2018
Additions:	
Additions to net assets attributed to:	
Investment income:	
Net depreciation in fair value of investments	$ (4,282,270)
Dividends	1,890,759
	(2,391,511)
Contributions:	
Participants	2,585,089
Rollovers	3,995
	2,589,084
Total additions	197,573
Deductions:	
Deductions from net assets attributed to:	
Benefits paid to participants	2,733,875
Administrative expenses	3,594
Total deductions	2,737,469
Net decrease	(2,539,896)
Net assets available for benefits:	
Beginning of year	44,794,860
End of year	$ 42,254,964

See accompanying notes to the financial statements

WILSHIRE ASSOCIATES INCORPORATED
401(k) Employee Savings Plan

Notes to Financial Statements
December 31, 2018

1. Description of Plan

The following description of the Wilshire Associates Incorporated 401(k) Employee Savings Plan (the "Plan") provides only general information. Plan Participants should refer to the Plan document for more complete information regarding the Plan's provisions.

General

The Plan is a defined contribution plan covering substantially all employees of the Company who have attained age twenty-one. Participants can enroll in the Plan on the first day of the month following their employment date. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"). The Trustee holds the Plan's assets, receives contributions from the Company, and executes investment transactions and disbursements of the Plan in accordance with the provisions of the Plan document.

Contributions

Participants may contribute up to 75% of their eligible compensation to the Plan. In addition, the Plan has a special deferral election for bonuses up to 100%. The maximum dollar amount each participant can contribute annually on a pre-tax and post-tax ("Roth") basis is $18,500. Participants at the age of 50 and above have the option to make an additional ("catch-up") contribution of up to $6,000 in 2018. Participants can also designate some of their deferral contribution as a Roth deferral contribution. Once made, this election is irrevocable. Effective December 1, 2017, the Plan was amended to allow Participants to make voluntary, non-deductible, after-tax contributions. These after-tax contributions are limited to 10% of a Participant's compensation. Total annual contributions to an individual Participant's account are limited to the lesser of 100% of an employee's annual compensation, or $55,000. If a participant makes additional catch-up contributions, the limit increases to $61,000. Participants may also contribute amounts representing distributions from other qualified defined benefit or contribution plans (rollovers). Participants direct the investment of their contributions into various investment options offered by the Plan. The Company's matching contributions are discretionary. For the year ended December 31, 2018, the Company did not make any matching contributions.

Participant Accounts

Each participant's account is credited with the participant's contribution and allocations of Plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

1. Description of Plan (continued)

Vesting

Participants are vested immediately in their contributions plus actual earnings thereon. Vesting in the Company's contribution portion of their accounts is based on years of service. A participant is 100 percent vested after 3 years of credited service.

Payment of Benefits

On termination of service due to death, disability, or retirement a participant may elect to receive either a lump sum amount equal to the value of the participant's vested interest in his or her account. For termination of service for other reasons, a participant may receive the value of the vested interest in his or her account. The Plan automatically distributes any vested account balance that does not exceed $5,000.

Forfeited accounts

At December 31, 2018, and 2017, forfeited non-vested accounts totaled $38,081 and $39,503, respectively. These accounts will be used to pay future administrative expenses. Any remaining amounts will be used to reduce future employer contributions.

2. Summary of Accounting Policies

Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Accordingly, actual results could differ from those estimates.

2. Summary of Accounting Policies (continued)

Investment Valuation and Income Recognition

Investments are reported at fair value (except for fully benefit-responsive investment contracts, which are reported at contract value). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan's Investment Committee determines the Plan's valuation policies utilizing information provided by the investment advisers, custodians, and insurance company. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains and losses on investments purchased and sold as well as held during the year.

Payment of Benefits

Benefits are recorded when paid.

Expenses

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Investment related expenses are included in net appreciation of fair value of investments.

Subsequent events

The Plan has evaluated subsequent events through July 22, 2019, the date the financial statements were available to be issued.

3. Certified Investments

The Trustee holds all of the Plan assets and executes all investment transactions and maintains the Plan's financial records and has prepared the information included in the accompanying financial statements and supplemental schedules, and has furnished it to the plan administrator together with a certification that such information is complete and accurate. Such certification is required under the method of compliance allowed by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 Section 2520.103-5 elected by the plan administrator.

4. Fair Value Measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under FASB ASC 820 are described as follows:

Level 1	Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.
Level 2	Inputs to the valuation methodology include a. quoted prices for similar assets or liabilities in active markets; b. quoted prices for identical or similar assets or liabilities in inactive markets; c. inputs other than quoted prices that are observable for the asset or liability; d. inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the assets or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.
Level 3	Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

4. Fair Value Measurements (continued)

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2018, and 2017.

1. *Self-directed brokerage accounts:* Accounts primarily consist of mutual funds and common stocks that are valued on the basis of readily determinable market prices.
2. *Mutual funds*: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the U.S. Securities and Exchange Commission. These funds are required to publish their daily net asset value and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.
3. *Stable value collective trust fund:* A stable value fund that is composed primarily of fully benefit-responsive investment contracts that are valued at the net asset value of units of the bank collective trust. The net asset value is used as a practical expedient to estimate fair value. This practical expedient would not be used if it is determined to be probable that the fund will sell the investment for an amount different from the reported net asset value. Participant transactions (purchases and sales) may occur daily. If the Plan initiates a full redemption of the collective trust, the issuer reserves the right to require 12 months notification in order to ensure that securities liquidations will be carried out in an orderly business manner.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2018, and 2017:

	Assets at Fair Value as of December 31, 2018			
	Level 1	***Level 2***	***Level 3***	***Total***
Mutual funds	$ 35,077,425	-	-	$ 35,077,425
Self-directed brokerage account	522,658	-	-	522,658
Total assets in the fair value hierarchy	35,600,083	-	-	35,600,083
Investments measured at net asset value (a)	-	-	-	6,654,881
Investments at fair value	$ 35,600,083	-	-	$ 42,254,964

These notes are an integral part of the financial statements.

4. Fair Value Measurements (continued)

	Assets at Fair Value as of December 31, 2017			
	Level 1	***Level 2***	***Level 3***	***Total***
Mutual funds	$ 37,022,744	-	-	$ 37,022,744
Self-directed brokerage account	437,997	-	-	437,997
Total assets in the fair value hierarchy	37,460,741	-	-	37,460,741
Investments measured at net asset value (a)	-	-	-	7,334,119
Investments at fair value	$ 37,460,741	-	-	$ 44,794,860

(a) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statement of net assets available for benefits.

Investments Measured Using Net Asset Value per Share Practical Expedient

The following table summarizes investments for which fair value is measured using the net asset value per share expedient as of December 31, 2018, and 2017, respectively. There are no participant redemption restrictions for these investments; the redemption notice is applicable only to the Plan.

Investments December 31, 2018	*Fair Value*	*Redemption Frequency (if currently eligible)*	*Unfunded Commitments*	*Redemption Notice Period*
Blackrock Lifepath Retirement J	$ 1,730,429	Daily	n/a	60 days
Blackrock Lifepath 2020 J	224,413	Daily	n/a	60 days
Blackrock Lifepath 2025 J	337,452	Daily	n/a	60 days
Blackrock Lifepath 2030 J	688,771	Daily	n/a	60 days
Blackrock Lifepath 2035 J	680,663	Daily	n/a	60 days
Blackrock Lifepath 2040 J	849,597	Daily	n/a	60 days
Blackrock Lifepath 2045 J	1,067,287	Daily	n/a	60 days
Blackrock Lifepath 2050 J	560,681	Daily	n/a	60 days
Blackrock Lifepath 2055 J	282,810	Daily	n/a	60 days
Blackrock Lifepath 2060 J	62,312	Daily	n/a	60 days
PGI International Cap Equity	170,466	Daily	n/a	60 days

These notes are an integral part of the financial statements.

4. Fair Value Measurements (continued)

Investments December 31, 2017	*Fair Value*	*Redemption Frequency (if currently eligible)*	*Unfunded Commitments*	*Redemption Notice Period*
Blackrock Lifepath Retirement J	$ 1,849,429	Daily	n/a	60 days
Blackrock Lifepath 2020 J	327,246	Daily	n/a	60 days
Blackrock Lifepath 2025 J	396,823	Daily	n/a	60 days
Blackrock Lifepath 2030 J	946,635	Daily	n/a	60 days
Blackrock Lifepath 2035 J	783,970	Daily	n/a	60 days
Blackrock Lifepath 2040 J	840,900	Daily	n/a	60 days
Blackrock Lifepath 2045 J	1,079,912	Daily	n/a	60 days
Blackrock Lifepath 2050 J	578,475	Daily	n/a	60 days
Blackrock Lifepath 2055 J	484,686	Daily	n/a	60 days
Blackrock Lifepath 2060 J	15,928	Daily	n/a	60 days
PGI International Cap Equity	30,115	Daily	n/a	60 days

5. Related-Party Transactions and Party-in-Interest Transactions

Certain Plan investments are managed by Fidelity. Fidelity is the trustee and recordkeeper for the Plan and, therefore, these transactions qualify as party in interest transactions.

6. Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provision of ERISA. In the event of Plan termination, participants would become 100 percent vested in their employer contributions.

7. Tax Status

The Internal Revenue Service has determined and informed the Company by a letter dated March 31, 2014, that the Plan and related trust are designed in accordance with applicable sections of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the determination letter, the Plan administrator and the Plan's tax counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC and, therefore believe that the Plan is qualified and that the related trust is tax-exempt.

7. Tax Status (continued)

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the plan and recognize a tax liability if the plan has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service (IRS). The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

8. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Because of the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

WILSHIRE ASSOCIATES INCORPORATED
401(k) Employee Savings Plan

EMPLOYER IDENTIFICATION NUMBER 95-2755361
PLAN NUMBER 001
SCHEDULE OF ASSETS HELD AT END OF YEAR
Schedule H Part IV, 4i
December 31, 2018

Part I - Assets Held for Investment

(a) Party in interest	(b) Identity of issue, borrower, lessor or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
Mutual funds:				
*	Fidelity Investments	Spartan Total Market Index	N/A	$10,072,861
	T. Rowe Price	T. Rowe Price New Horizons Fund	N/A	4,355,420
	Dodge & Cox	Dodge & Cox Stock Fund	N/A	3,212,501
	T. Rowe Price	T. Rowe Price Small Cap Value	N/A	2,869,912
*	Fidelity Investments	Spartan International Index	N/A	2,239,582
*	Fidelity Investments	Fidelity Blue Chip Growth	N/A	3,262,807
*	Fidelity Investments	Fidelity Retirement Money Market	N/A	2,307,873
*	Fidelity Investments	Fidelity Total Bond	N/A	2,091,050
	Lazard Assets Managements	Lazard Emerging Markets	N/A	1,487,876
*	Fidelity Investments	Fidelity Real Estate Investment	N/A	1,098,438
	PIMCO Investments	PIMCO Commodity Real Return Strategy Fund	N/A	325,780
	Laudus Funds	Laudus Mondrian International Government	N/A	49,183
	Transamerica	Transamerica High Yield Bond R6	N/A	1,098,943
	Harbor Funds	Harbor Diversified International All Cap Fund		605,199
				$35,077,425

WILSHIRE ASSOCIATES INCORPORATED
401(k) Employee Savings Plan

EMPLOYER IDENTIFICATION NUMBER 95-2755361
PLAN NUMBER 001
SCHEDULE OF ASSETS HELD AT END OF YEAR
Schedule H Part IV, 4i
December 31, 2018

Part I - Assets Held for Investment (continued)

(a) Party in interest	(b) Identity of issue, borrower, lessor or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
Self-directed investment account:				
	Various	Investments held in self-directed accounts	N/A	$ 522,658
Common collective trust funds:				
	Blackrock Global Investors	Blackrock Lifepath Retirement J	N/A	$1,730,429
	Blackrock Global Investors	Blackrock Lifepath 2020 J	N/A	224,413
	Blackrock Global Investors	Blackrock Lifepath 2025 J	N/A	337,452
	Blackrock Global Investors	Blackrock Lifepath 2030 J	N/A	688,771
	Blackrock Global Investors	Blackrock Lifepath 2035 J	N/A	680,663
	Blackrock Global Investors	Blackrock Lifepath 2040 J	N/A	849,597
	Blackrock Global Investors	Blackrock Lifepath 2045 J	N/A	1,067,287
	Blackrock Global Investors	Blackrock Lifepath 2050 J	N/A	560,681
	Blackrock Global Investors	Blackrock Lifepath 2055 J	N/A	282,810
	Blackrock Global Investors	Blackrock Lifepath 2060 J	N/A	62,312
	Principal Global Investors	PGI International Small Cap Equity	N/A	170,466
				$6,654,881

WILSHIRE ASSOCIATES INCORPORATED
401(k) EMPLOYEE SAVINGS PLAN

Financial Statements

And Independent Auditors' Report

As of December 31, 2018 and 2017

WILSHIRE ASSOCIATES INCORPORATED
401(k) EMPLOYEE SAVINGS PLAN

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16133 Ventura Blvd., Suite 1080
Encino, California 91436

INDEPENDENT AUDITORS' REPORT

To the Plan Administrative Committee of
Wilshire Associates Incorporated 401(k) Employee Savings Plan:

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Wilshire Associates Incorporated 401(k) Employee Savings Plan (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017, and the related statement of changes in net assets available for benefits for the year ended December 31, 2018, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we are not able to obtain sufficient appropriate evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Notes 3 and 4, which was certified by Fidelity Management Trust Company ("Fidelity" or "Trustee"), the Trustee of the Plan, except for comparing the information with the related information included in the financial statements and supplemental schedule. We have been informed by the Plan Administrator that the Trustee holds the Plan's investment assets and executes investment transactions. The Plan Administrator has obtained a certification from the Trustee as of and for the years ended December 31, 2018 and 2017, that the information provided to the Plan Administrator by the Trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matters

The supplemental schedule, Schedule of Assets Held as of or for the year ended December 31, 2018 is required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and are presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedule referred to above.

Report on Form and Content of Compliance With DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the Trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

GGF, LLP

GGF, LLP
Encino, California
July 22, 2019

WILSHIRE ASSOCIATES INCORPORATED
401(k) Employee Savings Plan
Statements of Net Assets Available for Benefits

	December 31,	
	2018	2017
Assets:		
Investments at fair value (See Note 4)	$ 42,254,964	$ 44,794,860
Net assets available for benefits	$ 42,254,964	$ 44,794,860

See accompanying notes to the financial statements

WILSHIRE ASSOCIATES INCORPORATED
401(k) Employee Savings Plan
Statement of Changes in Net Assets Available for Benefits

	Year Ended December 31, 2018
Additions:	
Additions to net assets attributed to:	
Investment income:	
Net depreciation in fair value of investments	$ (4,282,270)
Dividends	1,890,759
	(2,391,511)
Contributions:	
Participants	2,585,089
Rollovers	3,995
	2,589,084
Total additions	197,573
Deductions:	
Deductions from net assets attributed to:	
Benefits paid to participants	2,733,875
Administrative expenses	3,594
Total deductions	2,737,469
Net decrease	(2,539,896)
Net assets available for benefits:	
Beginning of year	44,794,860
End of year	$ 42,254,964

See accompanying notes to the financial statements

WILSHIRE ASSOCIATES INCORPORATED
401(k) Employee Savings Plan

Notes to Financial Statements
December 31, 2018

1. Description of Plan

The following description of the Wilshire Associates Incorporated 401(k) Employee Savings Plan (the "Plan") provides only general information. Plan Participants should refer to the Plan document for more complete information regarding the Plan's provisions.

General

The Plan is a defined contribution plan covering substantially all employees of the Company who have attained age twenty-one. Participants can enroll in the Plan on the first day of the month following their employment date. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"). The Trustee holds the Plan's assets, receives contributions from the Company, and executes investment transactions and disbursements of the Plan in accordance with the provisions of the Plan document.

Contributions

Participants may contribute up to 75% of their eligible compensation to the Plan. In addition, the Plan has a special deferral election for bonuses up to 100%. The maximum dollar amount each participant can contribute annually on a pre-tax and post-tax ("Roth") basis is $18,500. Participants at the age of 50 and above have the option to make an additional ("catch-up") contribution of up to $6,000 in 2018. Participants can also designate some of their deferral contribution as a Roth deferral contribution. Once made, this election is irrevocable. Effective December 1, 2017, the Plan was amended to allow Participants to make voluntary, non-deductible, after-tax contributions. These after-tax contributions are limited to 10% of a Participant's compensation. Total annual contributions to an individual Participant's account are limited to the lesser of 100% of an employee's annual compensation, or $55,000. If a participant makes additional catch-up contributions, the limit increases to $61,000. Participants may also contribute amounts representing distributions from other qualified defined benefit or contribution plans (rollovers). Participants direct the investment of their contributions into various investment options offered by the Plan. The Company's matching contributions are discretionary. For the year ended December 31, 2018, the Company did not make any matching contributions.

Participant Accounts

Each participant's account is credited with the participant's contribution and allocations of Plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

1. Description of Plan (continued)

Vesting

Participants are vested immediately in their contributions plus actual earnings thereon. Vesting in the Company's contribution portion of their accounts is based on years of service. A participant is 100 percent vested after 3 years of credited service.

Payment of Benefits

On termination of service due to death, disability, or retirement a participant may elect to receive either a lump sum amount equal to the value of the participant's vested interest in his or her account. For termination of service for other reasons, a participant may receive the value of the vested interest in his or her account. The Plan automatically distributes any vested account balance that does not exceed $5,000.

Forfeited accounts

At December 31, 2018, and 2017, forfeited non-vested accounts totaled $38,081 and $39,503, respectively. These accounts will be used to pay future administrative expenses. Any remaining amounts will be used to reduce future employer contributions.

2. Summary of Accounting Policies

Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Accordingly, actual results could differ from those estimates.

2. Summary of Accounting Policies (continued)

Investment Valuation and Income Recognition

Investments are reported at fair value (except for fully benefit-responsive investment contracts, which are reported at contract value). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan's Investment Committee determines the Plan's valuation policies utilizing information provided by the investment advisers, custodians, and insurance company. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains and losses on investments purchased and sold as well as held during the year.

Payment of Benefits

Benefits are recorded when paid.

Expenses

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Investment related expenses are included in net appreciation of fair value of investments.

Subsequent events

The Plan has evaluated subsequent events through July 22, 2019, the date the financial statements were available to be issued.

3. Certified Investments

The Trustee holds all of the Plan assets and executes all investment transactions and maintains the Plan's financial records and has prepared the information included in the accompanying financial statements and supplemental schedules, and has furnished it to the plan administrator together with a certification that such information is complete and accurate. Such certification is required under the method of compliance allowed by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 Section 2520.103-5 elected by the plan administrator.

4. Fair Value Measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under FASB ASC 820 are described as follows:

Level 1	Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.
Level 2	Inputs to the valuation methodology include a. quoted prices for similar assets or liabilities in active markets; b. quoted prices for identical or similar assets or liabilities in inactive markets; c. inputs other than quoted prices that are observable for the asset or liability; d. inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the assets or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.
Level 3	Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

4. Fair Value Measurements (continued)

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2018, and 2017.

1. *Self-directed brokerage accounts:* Accounts primarily consist of mutual funds and common stocks that are valued on the basis of readily determinable market prices.
2. *Mutual funds*: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the U.S. Securities and Exchange Commission. These funds are required to publish their daily net asset value and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.
3. *Stable value collective trust fund:* A stable value fund that is composed primarily of fully benefit-responsive investment contracts that are valued at the net asset value of units of the bank collective trust. The net asset value is used as a practical expedient to estimate fair value. This practical expedient would not be used if it is determined to be probable that the fund will sell the investment for an amount different from the reported net asset value. Participant transactions (purchases and sales) may occur daily. If the Plan initiates a full redemption of the collective trust, the issuer reserves the right to require 12 months notification in order to ensure that securities liquidations will be carried out in an orderly business manner.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2018, and 2017:

	Assets at Fair Value as of December 31, 2018			
	Level 1	***Level 2***	***Level 3***	***Total***
Mutual funds	$ 35,077,425	-	-	$ 35,077,425
Self-directed brokerage account	522,658	-	-	522,658
Total assets in the fair value hierarchy	35,600,083	-	-	35,600,083
Investments measured at net asset value (a)	-	-	-	6,654,881
Investments at fair value	$ 35,600,083	-	-	$ 42,254,964

These notes are an integral part of the financial statements.

4. Fair Value Measurements (continued)

	Assets at Fair Value as of December 31, 2017			
	Level 1	***Level 2***	***Level 3***	***Total***
Mutual funds	$ 37,022,744	-	-	$ 37,022,744
Self-directed brokerage account	437,997	-	-	437,997
Total assets in the fair value hierarchy	37,460,741	-	-	37,460,741
Investments measured at net asset value (a)	-	-	-	7,334,119
Investments at fair value	$ 37,460,741	-	-	$ 44,794,860

(a) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statement of net assets available for benefits.

Investments Measured Using Net Asset Value per Share Practical Expedient

The following table summarizes investments for which fair value is measured using the net asset value per share expedient as of December 31, 2018, and 2017, respectively. There are no participant redemption restrictions for these investments; the redemption notice is applicable only to the Plan.

Investments December 31, 2018	*Fair Value*	*Redemption Frequency (if currently eligible)*	*Unfunded Commitments*	*Redemption Notice Period*
Blackrock Lifepath Retirement J	$ 1,730,429	Daily	n/a	60 days
Blackrock Lifepath 2020 J	224,413	Daily	n/a	60 days
Blackrock Lifepath 2025 J	337,452	Daily	n/a	60 days
Blackrock Lifepath 2030 J	688,771	Daily	n/a	60 days
Blackrock Lifepath 2035 J	680,663	Daily	n/a	60 days
Blackrock Lifepath 2040 J	849,597	Daily	n/a	60 days
Blackrock Lifepath 2045 J	1,067,287	Daily	n/a	60 days
Blackrock Lifepath 2050 J	560,681	Daily	n/a	60 days
Blackrock Lifepath 2055 J	282,810	Daily	n/a	60 days
Blackrock Lifepath 2060 J	62,312	Daily	n/a	60 days
PGI International Cap Equity	170,466	Daily	n/a	60 days

These notes are an integral part of the financial statements.

4. Fair Value Measurements (continued)

Investments December 31, 2017	*Fair Value*	*Redemption Frequency (if currently eligible)*	*Unfunded Commitments*	*Redemption Notice Period*
Blackrock Lifepath Retirement J	$ 1,849,429	Daily	n/a	60 days
Blackrock Lifepath 2020 J	327,246	Daily	n/a	60 days
Blackrock Lifepath 2025 J	396,823	Daily	n/a	60 days
Blackrock Lifepath 2030 J	946,635	Daily	n/a	60 days
Blackrock Lifepath 2035 J	783,970	Daily	n/a	60 days
Blackrock Lifepath 2040 J	840,900	Daily	n/a	60 days
Blackrock Lifepath 2045 J	1,079,912	Daily	n/a	60 days
Blackrock Lifepath 2050 J	578,475	Daily	n/a	60 days
Blackrock Lifepath 2055 J	484,686	Daily	n/a	60 days
Blackrock Lifepath 2060 J	15,928	Daily	n/a	60 days
PGI International Cap Equity	30,115	Daily	n/a	60 days

5. Related-Party Transactions and Party-in-Interest Transactions

Certain Plan investments are managed by Fidelity. Fidelity is the trustee and recordkeeper for the Plan and, therefore, these transactions qualify as party in interest transactions.

6. Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provision of ERISA. In the event of Plan termination, participants would become 100 percent vested in their employer contributions.

7. Tax Status

The Internal Revenue Service has determined and informed the Company by a letter dated March 31, 2014, that the Plan and related trust are designed in accordance with applicable sections of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the determination letter, the Plan administrator and the Plan's tax counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC and, therefore believe that the Plan is qualified and that the related trust is tax-exempt.

7. Tax Status (continued)

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the plan and recognize a tax liability if the plan has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service (IRS). The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

8. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Because of the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

WILSHIRE ASSOCIATES INCORPORATED
401(k) Employee Savings Plan

EMPLOYER IDENTIFICATION NUMBER 95-2755361
PLAN NUMBER 001
SCHEDULE OF ASSETS HELD AT END OF YEAR
Schedule H Part IV, 4i
December 31, 2018

Part I - Assets Held for Investment

(a) Party in interest	(b) Identity of issue, borrower, lessor or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
Mutual funds:				
*	Fidelity Investments	Spartan Total Market Index	N/A	$10,072,861
	T. Rowe Price	T. Rowe Price New Horizons Fund	N/A	4,355,420
	Dodge & Cox	Dodge & Cox Stock Fund	N/A	3,212,501
	T. Rowe Price	T. Rowe Price Small Cap Value	N/A	2,869,912
*	Fidelity Investments	Spartan International Index	N/A	2,239,582
*	Fidelity Investments	Fidelity Blue Chip Growth	N/A	3,262,807
*	Fidelity Investments	Fidelity Retirement Money Market	N/A	2,307,873
*	Fidelity Investments	Fidelity Total Bond	N/A	2,091,050
	Lazard Assets Managements	Lazard Emerging Markets	N/A	1,487,876
*	Fidelity Investments	Fidelity Real Estate Investment	N/A	1,098,438
	PIMCO Investments	PIMCO Commodity Real Return Strategy Fund	N/A	325,780
	Laudus Funds	Laudus Mondrian International Government	N/A	49,183
	Transamerica	Transamerica High Yield Bond R6	N/A	1,098,943
	Harbor Funds	Harbor Diversified International All Cap Fund		605,199
				$35,077,425

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401(k) Employee Savings Plan

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SCHEDULE OF ASSETS HELD AT END OF YEAR
Schedule H Part IV, 4i
December 31, 2018

Part I - Assets Held for Investment (continued)

(a) Party in interest	(b) Identity of issue, borrower, lessor or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
Self-directed investment account:				
	Various	Investments held in self-directed accounts	N/A	$ 522,658
Common collective trust funds:				
	Blackrock Global Investors	Blackrock Lifepath Retirement J	N/A	$1,730,429
	Blackrock Global Investors	Blackrock Lifepath 2020 J	N/A	224,413
	Blackrock Global Investors	Blackrock Lifepath 2025 J	N/A	337,452
	Blackrock Global Investors	Blackrock Lifepath 2030 J	N/A	688,771
	Blackrock Global Investors	Blackrock Lifepath 2035 J	N/A	680,663
	Blackrock Global Investors	Blackrock Lifepath 2040 J	N/A	849,597
	Blackrock Global Investors	Blackrock Lifepath 2045 J	N/A	1,067,287
	Blackrock Global Investors	Blackrock Lifepath 2050 J	N/A	560,681
	Blackrock Global Investors	Blackrock Lifepath 2055 J	N/A	282,810
	Blackrock Global Investors	Blackrock Lifepath 2060 J	N/A	62,312
	Principal Global Investors	PGI International Small Cap Equity	N/A	170,466
				$6,654,881