

NOT TO SCALE

VICINITY MAP

PARCEL 804
OWNER: THE BOARD OF TRUSTEES OF THE INTERNAL TRUST FUND
EASEMENT AREA: 19,221 SQUARE FEET

TIMS:/rwmapping/R4213907wave/RWSPS804A.dgn

SPECIFIC PURPOSE SURVEY
WAVE STREETCAR
NEW RIVER
SECTION 10, TOWNSHIP 50 SOUTH,
RANGE 42 EAST
CITY OF FT. LAUDERDALE,
BROWARD COUNTY, FLORIDA

KEITH & ASSOCIATES, INC.
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301 EAST ATLANTIC BOULEVARD
POMPANO BEACH, FLORIDA 33060-6643
(954) 788-3400 FAX (954) 788-3500
EMAIL: mail@keith-associates.com LB NO. 6860
SHEET 1 OF 4
DRAWING NO. _____ n:/05025.02.../RWSPS804A.dgn

DATE 02/02/17
NOT TO SCALE
SCALE _____
FIELD BK. 541, 565 & 648
DWG. BY EEW
CHK. BY LP

DATE	REVISIONS
03/21	ADD OHWL AT SEAWALL NOTE
2017	
04/20	REVISE OHWL TO MHWL
2017	
04/26	REVISE LEGAL
2017	
5/2/17	REVISE ORIG DATE

SKETCH AND LEGAL DESCRIPTION


SURVEY NOTES:

1. THE LAND DESCRIPTION SHOWN HEREON WAS CREATED BY THE SURVEYOR.
2. THIS SURVEY MAP OR COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA PROFESSIONAL SURVEYOR AND MAPPER.
3. IT IS A VIOLATION OF THE STANDARD OF PRACTICE (FORMERLY RULE 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE) TO ALTER THIS SURVEY WITHOUT THE EXPRESS PRIOR WRITTEN CONSENT OF THE SURVEYOR. ADDITIONS AND/OR DELETIONS MADE TO THE FACE OF THIS SURVEY WILL MAKE THIS SURVEY INVALID.
4. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHTS OF WAY, EASEMENTS, OWNERSHIP, OR OTHER INSTRUMENTS OF RECORD.
5. THIS IS NOT A BOUNDARY SURVEY.
6. THIS SURVEY IS CLASSIFIED AS COMMERCIAL/HIGH RISK AND EXCEEDS THE MINIMUM RELATIVE DISTANCE ACCURACY OF 1 FOOT IN 10,000 FEET AS REQUIRED BY THE STANDARD OF PRACTICE (FORMERLY RULE 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE). THE ACCURACY OBTAINED BY MEASUREMENT AND CALCULATION OF A CLOSED GEOMETRIC FIGURE WAS FOUND TO EXCEED THIS REQUIREMENT.
7. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988). SAID ELEVATIONS ARE BASED ON NATIONAL GEODETIC SURVEY (NGS) BENCHMARK "P 235" AND "872 2937 K". "P 235" IS LOCATED IN FT. LAUDERDALE, A BRASS NGS DISK STAMPED P 235 1965 SET IN THE TOP OF A CONCRETE POST 0.3 FEET BELOW THE GROUND SURFACE LOCATED NEAR THE INTERSECTION OF EAST SUNRISE BOULEVARD AND THE FLORIDA EAST COAST RAILROAD, 38.1 FEET NORTH OF THE CENTER OF THE WEST BOUND LANES OF SUNRISE BOULEVARD, 29.5 FEET NORTHWEST OF THE NEAR RAIL, 24.6 FEET SOUTHEAST OF AND LEVEL WITH THE CENTERLINE OF NORTHEAST 5TH TERRACE, 3.0 FEET WEST OF THE WEST CORNER OF A BATTERY WELL AND 1.0 FOOT SOUTH OF A WITNESS POST, ELEVATION=6.01'. "872 2937 K" IS LOCATED IN FT. LAUDERDALE, A STAINLESS STEEL ROD DRIVEN TO REFUSAL AT A DEPTH OF 52.5 FT WITH AN NATIONAL GEODETIC SURVEY LOGO CAP FLUSH WITH THE GROUND AND ABOUT 1.5 FT BELOW THE LEVEL OF SOUTHWEST FIFTH STREET, THE DATUM POINT IS RECESSED 0.3 FT BELOW THE LEVEL OF THE NATIONAL GEODETIC SURVEY LOGO CAP LOCATED NEAR THE INTERSECTION OF SOUTHWEST 5TH STREET AND FLAGLER AVENUE, 97.1 FEET EAST OF THE CENTERLINE OF SOUTHWEST 2ND AVENUE, 44.6 FEET WEST OF THE CENTERLINE OF SOUTHWEST FLAGLER AVENUE, 24.1 FEET EAST OF THE NEAR RAIL OF THE EAST COAST RAILROAD TRACK, 19.7 FEET SOUTH OF THE CENTERLINE OF SOUTHWEST 5TH STREET AND 1.0 FOOT NORTH OF A CARSONITE WITNESS POST, ELEVATION=5.43'.
8. FEATURES AND LINE WORK SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN HORIZONTAL DATUM OF 1983 WITH THE 2007 ADJUSTMENT APPLIED (83/07), TRANSVERSE MERCATOR, FLORIDA EAST ZONE. A REFERENCE BEARING OF NORTH 02°09'04" WEST IS SHOWN FOR THE EAST LINE OF PARCEL "C" OF "NEW RIVER CENTER", AS RECORDED IN P.B. 151, PG. 15 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.
9. ALL FEATURES SHOWN ARE EXISTING AND WERE LOCATED BY KEITH & ASSOCIATES, INC. USING TRADITIONAL SURVEY METHODS. THE HORIZONTAL POSITION OF THE CONTROL POINTS WERE SET USING REAL TIME KINEMATIC GPS USING THE F.D.O.T. CORRECTION NETWORK.
10. THE EXPECTED VERTICAL ACCURACY OF THE INFORMATION SHOWN HEREON IS ±0.03' FOR HARD SURFACE ELEVATIONS AND 0.1' FOR SOFT SURFACE ELEVATIONS.
11. THE HORIZONTAL FEATURES SHOWN HEREON ARE PLOTTED TO WITHIN 1/40 OF THE MAP SCALE. HORIZONTAL FEATURE LOCATION IS TO THE CENTER OF THE SYMBOL AND MAY BE ALTERED FOR CLARITY. DISTANCES AND ELEVATIONS SHOWN HEREON ARE U.S. SURVEY FEET UNLESS OTHERWISE NOTED. THE EXPECTED HORIZONTAL ACCURACY OF THE INFORMATION SHOWN HEREON IS ±0.1'.
12. THE INTENDED DISPLAY SCALE FOR THIS SURVEY IS 1"= 40' OR SMALLER.
13. THE PURPOSE OF THIS SURVEY WAS TO SHOW THE EXISTING CONDITIONS AND THE PROPOSED IMPROVEMENTS PURSUANT TO THE DEPARTMENT OF ENVIRONMENTAL PROTECTION'S SUBMERGED LANDS LEASE SURVEY REQUIREMENTS.

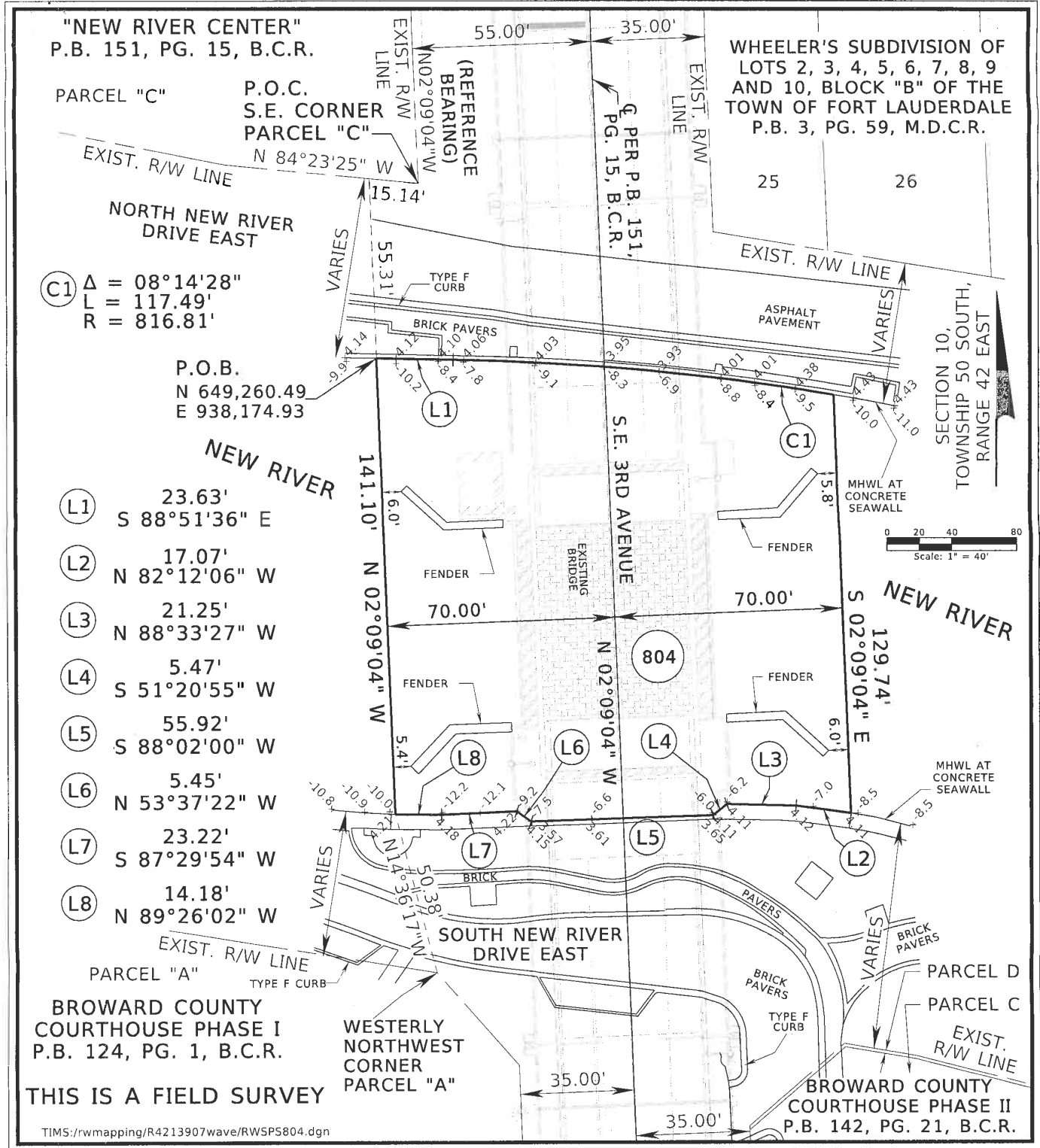
LEGEND:

- | | |
|-------------------------------------------------|--------------------------------------|
| B.C.R. = BROWARD COUNTY RECORDS | LB = LICENSE BUSINESS |
| ⊕ = CENTERLINE | M.D.C.R. = MIAMI-DADE COUNTY RECORDS |
| Δ = DELTA | MHWL = MEAN HIGH WATER LINE |
| EXIST. = EXISTING | P.B. = PLAT BOOK |
| F.D.O.T. = FLORIDA DEPARTMENT OF TRANSPORTATION | P.O.B. = POINT OF BEGINNING |
| F.P. = FINANCIAL PROJECT | P.O.C. = POINT OF COMMENCEMENT |
| K&A = KEITH & ASSOCIATES, INC | PG. = PAGE |
| L = LENGTH | R = RADIUS |
| | R/W = RIGHT OF WAY |

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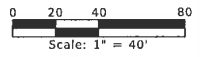
<p>SPECIFIC PURPOSE SURVEY WAVE STREETCAR</p> <p>NEW RIVER SECTION 10, TOWNSHIP 50 SOUTH, RANGE 42 EAST</p> <p>CITY OF FT. LAUDERDALE, BROWARD COUNTY, FLORIDA</p>	 <p>KEITH & ASSOCIATES, INC. consulting engineers</p> <p>301 EAST ATLANTIC BOULEVARD POMPAÑO BEACH, FLORIDA 33060-6643 (954) 788-3400 FAX (954) 788-3500 EMAIL: mail@keith-associates.com LB NO. 6860</p> <p>SHEET <u>2</u> OF <u>4</u></p> <p>DRAWING NO. _____ n/05025.02../RWSPS804B.dgn</p>	<p>DATE <u>02/02/17</u></p> <p>SCALE <u>1"=40'</u></p> <p>FIELD BK. <u>541, 565 & 648</u></p> <p>DWNG. BY <u>EEW</u></p> <p>CHK. BY <u>LP</u></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>REVISIONS</th> </tr> </thead> <tbody> <tr> <td>03/21</td> <td>ADD OHWL AT SEAWALL NOTE</td> </tr> <tr> <td>2017</td> <td></td> </tr> <tr> <td>04/20</td> <td>REVISE OHWL TO MHWL</td> </tr> <tr> <td>2017</td> <td></td> </tr> <tr> <td>04/26</td> <td>REVISE LEGAL</td> </tr> <tr> <td>2017</td> <td></td> </tr> <tr> <td>5/2/17</td> <td>REVISE ORIG DATE</td> </tr> </tbody> </table>	DATE	REVISIONS	03/21	ADD OHWL AT SEAWALL NOTE	2017		04/20	REVISE OHWL TO MHWL	2017		04/26	REVISE LEGAL	2017		5/2/17	REVISE ORIG DATE
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SKETCH AND LEGAL DESCRIPTION



(C1) Δ = 08°14'28"
L = 117.49'
R = 816.81'

- (L1) 23.63' S 88°51'36" E
- (L2) 17.07' N 82°12'06" W
- (L3) 21.25' N 88°33'27" W
- (L4) 5.47' S 51°20'55" W
- (L5) 55.92' S 88°02'00" W
- (L6) 5.45' N 53°37'22" W
- (L7) 23.22' S 87°29'54" W
- (L8) 14.18' N 89°26'02" W



SPECIFIC PURPOSE SURVEY
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SCALE 1"=40'
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LEGAL DESCRIPTION:

A PORTION OF THE NEW RIVER LYING IN SECTION 10, TOWNSHIP 50 SOUTH, RANGE 42 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF PARCEL "C" OF "NEW RIVER CENTER", AS RECORDED IN PLAT BOOK 151, PAGE 15 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA; THENCE ALONG THE SOUTH LINE OF SAID PARCEL "C", NORTH 84° 23' 25" WEST, A DISTANCE OF 15.14 FEET; THENCE ALONG A LINE 70 FEET WEST OF AND PARALLEL WITH THE CENTERLINE OF S.E. 3RD AVENUE AS SHOWN ON THE SAID PLAT OF "NEW RIVER CENTER", SOUTH 02° 09' 04" WEST, A DISTANCE OF 55.31' TO A POINT ON THE FACE OF THE NORTH CONCRETE SEAWALL WHICH IS ALSO THE MEAN HIGH WATER LINE AND THE POINT OF BEGINNING; THENCE ALONG SAID CONCRETE SEAWALL AND THE MEAN HIGH WATER LINE, SOUTH 88° 51' 36" EAST, A DISTANCE OF 23.63 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVED SOUTHERLY, HAVING A RADIUS OF 816.81 FEET; THENCE CONTINUE ALONG SAID CONCRETE SEAWALL AND THE MEAN HIGH WATER LINE, EASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 08° 14' 28", A DISTANCE OF 117.49 FEET; THENCE ALONG A LINE 70.00 FEET EAST OF AND PARALLEL WITH SAID CENTERLINE, SOUTH 02°09'04" EAST, A DISTANCE OF 129.74 FEET TO A POINT ON THE FACE OF THE SOUTH CONCRETE SEAWALL AND THE MEAN HIGH WATER LINE; THENCE ALONG SAID CONCRETE SEAWALL AND THE MEAN HIGH WATER LINE FOR THE NEXT 7 COURSES, (1) NORTH 82° 12' 06" WEST, A DISTANCE OF 17.07 FEET; (2) THENCE NORTH 88° 33' 27" WEST, A DISTANCE OF 21.25 FEET; (3) THENCE SOUTH 51° 20' 55" WEST, A DISTANCE OF 5.47 FEET; (4) THENCE SOUTH 88° 02' 00" WEST, A DISTANCE OF 55.92'; (5) THENCE NORTH 53° 37' 22" WEST, A DISTANCE OF 5.45 FEET; (6) THENCE SOUTH 87° 29' 54" WEST, A DISTANCE OF 23.22 FEET; (7) THENCE NORTH 89° 26' 02" WEST, A DISTANCE OF 14.18 FEET; THENCE LEAVING SAID CONCRETE SEAWALL AND ALONG A LINE 70 FEET WEST OF AND PARALLEL WITH SAID CENTERLINE, NORTH 02° 09' 04" WEST, A DISTANCE OF 141.10 FEET TO THE POINT OF BEGINNING.

SAID LANDS LYING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA AND CONTAINING 19,221 SQUARE FEET MORE OR LESS.

CERTIFICATION:

CERTIFIED TO: THE BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT FUND

I HEREBY CERTIFY THAT THE ATTACHED SPECIFIC PURPOSE SURVEY OF THE HEREON DESCRIBED PROPERTY IS DEPICTED TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THE INFORMATION AS WRITTEN UNDER MY DIRECTION ON FEBRUARY 2, 2017 MEETS THE STANDARD OF PRACTICE (FORMERLY RULE 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE), PURSUANT TO SECTION 472.027, FLORIDA STATUTES, SUBJECT TO THE QUALIFICATIONS NOTED HEREON.

KEITH & ASSOCIATES, INC.
CONSULTING ENGINEERS



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