



IDX Policy

Introduction

The IDX Program permits MLS Participants who do not opt out of the IDX program (“IDX Participants”) to grant and receive permission to display each other’s active listings on certain public Online displays. There is a presumption that all MLS Participants engaged in real estate brokerage consent to the Internet display of their active listings by other IDX Participants. However, any MLS Participant may opt out of the IDX Program by completing and returning to ARMLS an IDX Opt-Out Form.

This IDX Policy document contains additional rules and policies applicable to the ARMLS IDX Program. Exhibits 1 through 7, which accompany this IDX Policy, are hereby incorporated by reference as part of this Policy.

Definitions

“**ADRE**” means Arizona Department of Real Estate.

“**ARMLS**” means Arizona Regional Multiple Listing Service, Inc.

“**ARMLS Authorized IDX Online display**” is an Online display created, controlled, licensed or operated by ARMLS, or its authorized and licensed vendor/designee. This Online display permits visitors gaining access to the site through IDX Broker and Subscriber Online displays to search the IDX Database and display and print reports including properties that match their search criteria.

“**IDX**” means Internet Data Exchange.

“**IDX Broker**” means a real estate broker or Participant, acting for him or herself or acting as the designated broker for an employing real estate company, who has not opted out of the ARMLS IDX program.

“**IDX Listing**” means an MLS listing listed by an IDX Broker that meets the five criteria stated below.

1. the property type is Residential for Sale, Residential Rental, Land and Lot, Commercial & Industrial Building for Sale, Commercial & Industrial Building for Lease or Multiple Dwelling;
2. the listing status is active, under contract accepting backup offers, pending, or closed/leased with a close of escrow date of January 1, 2012 or later;
3. the property is listed by an IDX Broker;

4. the “Seller Directs Listing to be Excluded from Internet” box within the Export tab on the MLS is left unchecked; and
5. the “IDX” box within the Export tab on the MLS is checked.

Exhibits 2 through 7 show the approved IDX information for each of the property types.

“IDX Database” is the ARMLS compilation of all IDX Listings.

“IDX Online display” means a site on the Internet, controlled or maintained by an IDX Broker, displaying IDX Listings.

“MLS” means the Multiple Listing Service operated by ARMLS.

“Shared Listing” means an IDX Listing that appears on an IDX Online display if the listing broker for such IDX Listing does not own or control the IDX Online display.

“Subscriber” means an active real estate licensee who participates in the MLS and who is licensed with an IDX Broker.

IDX Program Overview

The IDX Program, which is governed by this Policy, permits brokers who participate in the MLS to grant and receive permission to display each other's listings on public IDX Online displays. While participation is presumed, a broker may elect not to participate in the IDX Program. Listings of brokers that opt out of the program shall be excluded from display on other broker's Online displays and brokers who have opted out may not display properties listed by other brokers on their Online displays. Any Online display that displays Shared Listings is subject to the rules and policies in this IDX Policy.

Access to the IDX Database

ARMLS offers two methods for IDX Brokers to access the IDX Database. ARMLS has established a Real Estate Transaction Standard ("RETS") server where the IDX Database can be retrieved. Access to the RETS server requires the completion of a Content License Agreement ("CLA"). The "CLA" Agreement more fully explains the operation and technical aspects of the RETS site. IDX Brokers may also access the IDX Database by framing the ARMLS IDX Online displays. Any IDX Broker intending to use any other method for downloading or updating the IDX Database must obtain prior written approval of its proposed method from ARMLS. This approval will not be denied unless ARMLS in its sole discretion determines that the proposed method will result or is likely to result in violations of any ARMLS Policy or Rule, including this IDX Policy, or will have an adverse effect on the performance of the MLS system.

For Subscribers, the only method of accessing the IDX Database is by framing the ARMLS IDX Online displays. The RETS server is exclusively available to the IDX Brokers.

Rules Applicable to the IDX Program

1. The ARMLS IDX program is an opt-out program. ARMLS presumes that MLS Participants engaged in real estate brokerage consent to the Internet display of their active listings by other IDX Participants. However, any MLS Participant may opt out of IDX Program by completing and returning to ARMLS an IDX Opt-Out Form substantially in the form of Exhibit 1.
2. Exhibits 2 through 7 of this policy identify the authorized information for each property type that may be used and/or displayed on an IDX Online display. The use and/or display of any other information is prohibited.
3. IDX Brokers must notify ARMLS of their intention to display IDX information and shall give ARMLS staff direct access to such information for purposes of monitoring/ensuring compliance with applicable rules and policies.
4. Any listing in the MLS system that has the "Seller Directs Listing to be Excluded from Internet" box within the Export tab of the MLS checked, and any listing listed

by a broker who has opted out of the IDX program will be excluded from the IDX Database and may not be displayed on an IDX Online display.

5. An IDX Broker may elect to display or not display non-mandatory fields for IDX Listings on such Broker's IDX Online display. Mandatory fields must be displayed on all IDX Online displays. Listings displayed pursuant to IDX shall contain only those fields of data designated by the MLS. Display of all other fields (as determined by the MLS) is prohibited. Confidential fields intended only for other MLS participants and users (e.g., cooperative compensation offers, showing instructions, property security information, etc.) shall not be displayed on IDX sites.

Display of expired and cancelled, listings are prohibited. Additionally, all sold listings with a close of escrow date prior to January 1, 2012 are also prohibited. Display of seller's(s') and/or occupant's(s') names(s), phone number(s), and e-mail address(es) is prohibited.

6. IDX Brokers must refresh all MLS downloads and IDX displays automatically fed by those downloads at least once every twelve (12) hours.
7. An IDX Broker displaying all or any portion of the IDX Database must, at a minimum, display the date and time on which the information was last updated on the first screen where any IDX Listing information is displayed. ARMLS recommends that this date be displayed on all pages where IDX Listing information is displayed.
8. The message "*All information should be verified by the recipient and none is guaranteed as accurate by ARMLS.*" must appear on each screen of an Online display where any IDX Listings are displayed and on any printed report that includes IDX Listings. Displays of minimal information (e.g. "thumbnails", text messages, "tweets", etc., of two hundred (200) characters or less are exempt from this requirement but only when linked directly to a display that includes all required disclosures.
9. The following copyright statement must appear on each screen and on each printed report that displays any IDX Listings: "Copyright 9999 Arizona Regional Multiple Listing Service, Inc. All rights reserved." [Where 9999 is the current year].
10. The ARMLS logo, which is available at ARMLS.com/logo, must be displayed on the screen and in printed reports beside each Shared Listing where the information is presented in a "Limited View" format. The logo is meant to identify Shared Listings. A logo optimized for websites with dark page backgrounds may be obtained by request. The logo must be readable and be in high-contrast against the background it is placed. The ARMLS logo must be used as-is without modification.

In addition, on any page where the logo appears, the following text must be displayed to identify the meaning of the logo: "Indicates a property listed by a real estate brokerage other than [insert your company name here]." For purposes of this Policy, "Limited View" means the display of listing information that includes six or fewer data fields. Displays of minimal information (e.g. "thumbnails", text messages, "tweets", etc., of two hundred (200) characters or less are exempt from this requirement but only when linked directly to a display that includes all required disclosures.

11. The name of the real estate brokerage that has the property listed must be displayed on the screen in a reasonably prominent location and in a readily visible color and in printed reports for each property where the property information is presented in a "Full View." The real estate brokerage name must be displayed in the same font size as the listing information. For purposes of this policy, "Full View" means the display of listing information that includes seven or more data fields. Displays of minimal information (e.g. "thumbnails", text messages, "tweets", etc., of two hundred (200) characters or less are exempt from this requirement but only when linked directly to a display that includes all required disclosures.
12. An IDX Broker shall not modify, enhance or manipulate a Shared Listing. MLS data may be augmented with additional non-listing data not otherwise prohibited from display so long as the source of the additional data is clearly identified. In addition, except for listings from other MLS's, listing information from other sources may not be combined with IDX Listings. For instance, for sale by owner properties and properties not in the MLS may not be combined with the IDX Database.
13. Participation in this IDX Program is limited to ARMLS brokers whose primary business is to list, sell, lease or manage real property. Non-IDX Brokers as well as Subscribers may display information available through IDX on their own Internet displays subject to their IDX Broker's consent and control and the requirements of state law and/or regulation.
14. An IDX Broker, at his/her option, may display the entire IDX Database or may exclude IDX Listings from display on their IDX Online displays based on objective criteria including, but not limited to, factors such as geography or location, list price, type of property, cooperative compensation offered by listing brokers, type of listing (e.g., exclusive right-to-sell or exclusive agency), or the level of service being provided by the listing firm. Selection of listings displayed on any IDX site must be independently made by each Participant. Listings including property addresses can be included in IDX displays except where a seller has directed their listing broker to withhold their listing or the listing's property address from all display on the Internet (including, but not limited to, publicly accessible Websites or VOWs).

15. Any IDX display that uses or displays all or any portion of the IDX Database must be controlled by an IDX Broker. When displaying IDX listings, an IDX display must clearly identify the name of the brokerage firm under which they operate in a readily visible color and typeface. For purposes of the IDX policy and these rules “control(led)” means the ability to add, delete, modify and update information as required by the IDX policy and MLS Rules and Regulations.
16. MLS Participants may not use IDX-provided listings for any purpose other than display as provided for in these rules. This does not require Participants to prevent indexing of IDX listings by recognized search engines.
17. MLS Participants retain all intellectual property rights to their listings, however ARMLS retains all right, title and interest in and to the compilation of listings provided under the IDX Program as described in the ARMLS Subscriber Agreement. The use of any information must be in compliance with this Policy and with the MLS Rules. Except as provided elsewhere in this policy or in the MLS Rules and Regulations, an IDX Online display or IDX Broker operating the IDX Online display or displaying IDX information as otherwise permitted may not distribute, provide, or make any portion of the IDX Database available to any person or entity. IDX Data obtained via either the RETS or the framing access method may not be used for any purpose other than as contemplated under this Policy without the express written consent of ARMLS.
18. Service fees and charges for participation in IDX shall be as established by the ARMLS Board of Directors.
19. IDX Brokers and Subscribers are responsible for any and all costs incurred in connection with the development, operation and/or support of their Online displays.
20. IDX Brokers wanting to retrieve the IDX Database via RETS must execute a Content License Agreement. This Agreement can be obtained from the ARMLS Website at ARMLS.com.
21. Any IDX display controlled by a IDX Broker that
 - a. allows third-parties to write comments or reviews about particular listings or displays a hyperlink to such comments or reviews in immediate conjunction with particular listings, or
 - b. displays an automated estimate of the market value of the listing or display a hyperlink to such estimate in immediate conjunction with the listing.

Either or both of those features shall be disabled or discontinued for the seller’s listings at the request of the seller. The listing broker or agent shall communicate

to the MLS that the seller has elected to have one or both of these features disabled or discontinued on all displays controlled by IDX Brokers. Except for the foregoing and subject to Section 22, an IDX Broker's display may communicate the IDX Broker's professional judgment concerning any listing. Nothing shall prevent an IDX display from notifying its customers that a particular feature has been disabled at the request of the seller.

22. IDX Brokers shall maintain a means (e.g., e-mail address, telephone number) to receive comments about the accuracy of any data or information that is added by or on behalf of the participant beyond that supplied by the MLS and that relates to a specific property. IDX Brokers shall correct or remove any false data or information relating to a specific property upon receipt of a communication from the listing broker or listing agent for the property explaining why the data or information is false. However IDX Brokers shall not be obligated to remove or correct any data or information that simply reflects good faith opinion, advice, or professional judgment.
23. IDX Brokers and Subscribers agree to comply with all rules, laws and policies that are established by government agencies, including but not limited to ADRE, as they may be amended from time to time.
24. IDX Brokers and Subscribers agree to comply with all ARMLS rules and policies, as they may be amended from time to time.
25. Failure to comply with any ARMLS rule or policy governing the operation of the IDX Program will result in a \$500 fine, if the violation is not brought into compliance with the rules and policies within the required timeframe. Any fine assessed for a violation of IDX policies or rules shall be sent to the IDX Broker or Subscriber via certified mail. If the fine is not paid and if the violation is not brought into compliance with the IDX rules and policies within ten days of the date that such fine is mailed, the IDX Broker's or Subscriber's MLS service will be suspended until such time as the fine is paid and the violation is brought into compliance with the rules and policies.
26. The ARMLS Board of Directors may amend this policy and the rules that govern the IDX program from time to time.

**Exhibit 1
IDX Opt-Out Form**

Purpose of Form

The IDX Program permits MLS Participants who do not opt-out of the IDX program ("IDX Participant") to grant and receive permission to display each other's Active listings on certain public Online displays. **WHILE PARTICIPATION IN THE ARMLS® IDX PROGRAM IS PRESUMED, A BROKER MAY ELECT NOT TO PARTICIPATE IN THE ARMLS IDX PROGRAM.**

This form must be completed and returned to ARMLS for an MLS Broker to opt-out of the ARMLS IDX Program. If a Broker opts out of the IDX Program, all of the listings for his/her firm will be excluded from display on other IDX Brokers' Online displays. In addition, the Broker opting out may not display listings of other Brokers on his/her Online display without specific permission from ARMLS, and all Agents licensed with the Broker are ineligible to participate in the IDX program.

Completed forms may be mailed to ARMLS at 130 S Priest Drive, Suite 101, Tempe, AZ 85281 or may be faxed to ARMLS at 480-303-7220.

(Please Type or Print)

Firm Name: _____

Firm Office ID(s): _____

(List All Office ID's for the Firm)

Firm Street Address: _____

Firm City, State, ZIP: _____

Firm Phone: _____ Fax: _____

Designated Broker's Name: _____

E-mail address: _____

I am the Designated Broker/MLS Participant for the Firm listed above. I represent that I have authority to execute this form on behalf of my own office and all other offices (if any) listed above. By opting out of the IDX Program, I understand that my Firm is not allowed to display other Brokers' listings on my Firm's Online display, properties listed by my Firm will not be displayed on Online displays operated by Brokers participating in the IDX program, and all licensees affiliated with my Firm may not display other Brokers' listings on their Online displays.

Signature: _____

(Designated Broker/MLS Participant)

Date: _____

Exhibit 2 (Updated April 16, 2015)
Authorized IDX Listing Fields for Residential IDX Data Set

# Bathrooms	Association Fee Incl	Directions	Kitchen Features
# Bedrooms	Auction	Dwelling Styles	Kitchen Length
# of Interior Levels	AZ Room/Lanai Length	Dwelling Type	Kitchen Width
Accessibility Feat.	AZ Room/Lanai Width	Elem School Dist #	Landscaping
Additional Bedroom	Basement Description	Elementary School	Laundry
Add'l Property Use	Basement: Basement Y/N	Energy/Green Feature	Legal Info: Cnty Rcrd Bk & Pg #
Agent ID	Bedroom 2 Length	Energy/Green Feature: HERS Cert	Legal Info: Lot Number
Approx Lot SqFt	Bedroom 2 Width	Date	Legal Info: Range
Approx SQFT	Bedroom 3 Length	Energy/Green Feature: HERS	Legal Info: Section
Approx SqFt Range	Bedroom 3 Width	Rating	Legal Info: Township
Apx Lot Size Range	Bedroom 4 Length	Energy/Green Feature: HERS	Library Length
Architecture	Bedroom 4 Width	Rating Y/N	Library Width
Assessor Number	Bedroom 5 Length	Exercise/Sauna Length	List Price
Assessor Parcel Ltr	Bedroom 5 Width	Exercise/Sauna Width	*Listing ID
Assessor's Book #	Bedrooms Plus	Exterior Features	ListingMemberName
Assessor's Map #	Bldg Number	Exterior Stories	ListingMemberShortId
Assessor's Parcel #	Bonus/Game Room Length	Family Room Length	*ListingOfficeName
Assoc Rules/Info	Bonus/Game Room Width	Family Room Width	ListingOfficePhone
<i>Association & Fees Fields:</i>	Breakfast Room Length	Features	ListingOfficeShortId
Cap Imprv/Impact Fee	Breakfast Room Width	Fencing	Living Room Length
Cap Imprv/Impt Fee 2	Builder Name	Fireplace	Living Room Width
Cap Imprv/Impt Fee\$/%	Building Style	Flooring	Loft Length
Cap Imprv/Impt FeeY/N	**Buyer Broker \$/%	Geo Lat	Loft Width
Cap Imprv/ImptFee2\$/%	**Buyer/Broker	Geo Lon	Map Code/Grid
Cap Imprv/ImptFee2Y/N	City/Town Code	Great Room Length	Marketing Name
Com Facilities Distr	^Close of Escrow Date	Great Room Width	Master Bathroom
HOA Fee	CoListingMemberName	Green/Energy Cert	Master Bedroom
HOA Name	CoListingMemberShortId	Green/Engy Cert Year: Green/Engy	Master Bedroom Length
HOA Paid (Freq)	CoListingOfficeShortId	Cert Year	Master Bedroom Width
HOA Telephone	CoListingOfficeName	Guest House SqFt	Media Room Length
HOA Transfer Fee	CoListingOfficePhone	Heating	Media Room Width
HOA Y/N	Community Features	High School	Mfg Home Features
HOA 2 Fee	**Comp to Buyer Broker	High School Dist #	Miscellaneous
HOA 2 Name	**Comp to Subagent	Horse Features	Model
HOA 2 Paid (Freq)	Compass	Horses	New Financing
HOA 2 Telephone	Const - Finish	House Number	Office ID
HOA 2 Transfer Fee	Construction	Internal Listing ID	Office Length
HOA 2 Y/N	Construction Status	<i>Items Updated Fields:</i>	Office Width
HOA 3 Fee	Contact Info: List Agent Cell Phn	Bath(s) Partial/Full	**Other Compensation
HOA 3 Name	Contact Info: List Agent Cell Phn2	Bath(s) Yr Updated	Other Length
HOA 3 Paid (Freq)	Contact Info: List Agent Pager	Floor Partial/Full	Other Rooms
HOA 3 Telephone	Contact Info: Office Fax Number	Floor Yr Updated	Other Width
HOA 3 Transfer Fee	Cooling	Ht/Cool Partial/Full	Out of Area Schl Dst
HOA 3 Y/N	Cooling: HVAC SEER Rating	Ht/Cool Yr Updated	Ownership
Land Lease Fee	^CoSellingMemberShortId	Kitchen Partial/Full	Parking Features
Land Lease Fee Y/N	^CoSellingMemberName	Kitchen Yr Updated	Parking Spaces: Carport Spaces
Land Lease Pd (Freq)	^CoSellingOfficeShortId	Plmbg Partial/Full	Parking Spaces: Garage Spaces
PAD Fee	^CoSellingOfficeName	Plmbg Yr Updated	Parking Spaces: Slab Parking
PAD Fee Y/N	^CoSellingOfficePhone	Pool Partial/Full	Spaces
PAD Paid (Freq)	Country	Pool Yr Updated	Parking Spaces: Total Covered
Rec Center Fee	County Code	Rm Adtn Partial/Full	Spaces
Rec Center Fee Y/N	Cross Street	Rm Adtn Yr Updated	Picture Count
Rec Center Pd (Freq)	Den Length	Roof Partial/Full	Picture Timestamp
Rec Center Fee 2	Den Width	Roof Yr Updated	Planned Comm Name
Rec Center Fee 2 Y/N	Dining Area	Wiring Partial/Full	Plumbing
Rec Center Fee 2 Pd (Freq)	Dining Room Length	Wiring Yr Updated	Pool
Ttl Mthly Fee Equip	Dining Room Width	Jr. High School	Pool - Private

Price/SqFt	Solar Panels: Grid	St Dir Sfx	Unit #
Property Description	Solar Panels: KW	St Suffix	Unit Style
Property Group ID	Solar Panels: Ownership	State/Province	Utilities
Property Type	<i>^Sold Info Fields:</i>	Status	**Variable Commission
Public Remarks	^Closing Cost Split	**Status Update	VOWAddressDisplay
Roofing	^Loan Type	Street Name	VOWAutomatedValuationDisplay
^SellingMemberShortId	^Loan Years	**Sub Agent \$/%	VOWConsumerComment
^SellingMemberName	^Payment Type	**Subagents	VOWEntireListingDisplay
^SellingOfficeShort Id	^Buyr Concess to Sell	Subdivision	Water
^SellingOfficeName	^Buyer Concess \$/%	Tax Municipality	Week Avail Timeshare
^SellingOfficePhone	^Sellr Concess to Buy	Tax Year	Windows
Separate Den/Office: Sep	^Seller Concess \$/%	Taxes	Year Built
Den/Office Y/N	^Sold Price	Technology	Zip Code
Separate Workshop Length	Source Apx Lot SqFt	Timestamp	Zip4
Separate Workshop Width	Source of SqFt	**Type	
Services	Spa	UCB	
Sewer	Special Listing Cond	UnBranded Virtual Tour	

^Indicates Field Available for Sold Status Only
***Indicates Mandatory Field That Must Be Displayed**
****Do NOT Display**

Open House Data Available for Residential

City	Listing Agent FirstName	Listing Office ID	State
Event End	Listing Agent ID	*Listing Office Name	Street Address
Event Start	Listing Agent LastName	Modification Timestamp	Unique Listing ID
Event Unique ID	Listing Area	Office Primary Phone	
List Price	*Listing Number	Open House Comments	

***Indicates Mandatory Field That Must Be Displayed**

Exhibit 3 (Updated April 16, 2015)
Authorized IDX Listing Fields for Residential Rental IDX Data Set

# Bathrooms	CoListingOfficePhone	Exterior Features	Loft Width
# Bedrooms	**Commission Paid	Exterior Stories	Map Code/Grid
# of Beds Furnished Fields:	Community Features	Family Room Length	Marketing Name
# Bunks	**Comp For Sale	Family Room Width	Master Bathroom
# Full	**Comp to Buyer Broker	Features	Master Bed Size
# Kings	**Comp to Subagent	Fencing	Master Bedroom
# Queens	Compass	Fireplace	Master Bedroom Length
# Singles	Const - Finish	Flooring	Master Bedroom Width
# Sleeper Sofa Beds	Construction	Forms Required	Media Room Length
# Twins	Construction Status	Fully Refundable Dep	Media Room Width
# of Interior Levels	Contact Info: List Agent Cell Phn	Geo Lat	Mfg Home Features
Accessibility Feat.	Contact Info: List Agent Cell Phn2	Geo Lon	Model
Additional Bedroom	Contact Info: List Agent Pager	Great Room Length	Mthly Rate Hi Season
Agent ID	Contact Info: Office Fax Number	Great Room Width	Mthly Rate Lo Season
Approx Lot SqFt	Cooling	Green/Energy Cert	Non-Refundable Dep
Approx SQFT	Cooling: HVAC SEER Rating	Green/Engy Cert Year: Green/Engy	Office ID
Approx SqFt Range	^CoSellingMemberShortId	Cert Year	Office Length
Apx Lot Size Range	^CoSellingMemberName	Guest House SqFt	Office Width
Architecture	^CoSellingOfficeShortId	Heating	*Other Compensation
Assessor Number	^CoSellingOfficeName	High School	Other Length
Assessor Parcel Ltr	^CoSellingOfficePhone	High School Dist #	Other Rooms
Assessor's Book #	Country	Horse Features	Other Width
Assessor's Map #	County Code	Horses	Out of Area Schl Dst
Assessor's Parcel #	Cross Street	House Number	Parking Features
AZ Room/Lanai Length	Date Available	Internal Listing ID	Parking Spaces: Carport Spaces
AZ Room/Lanai Width	Den Length	Jr. High School	Parking Spaces: Garage Spaces
Basement Description	Den Width	Kitchen Features	Parking Spaces: Slab Parking
Basement: Basement Y/N	<i>Deposit Breakdown Fields:</i>	Kitchen Length	Spaces
Bedroom 2 Length	Cleaning Deposit/Fee	Kitchen Width	Parking Spaces: Total Covered
Bedroom 2 Width	Credit Check Amount	Landscaping	Spaces
Bedroom 3 Length	Earnest Deposit	Laundry	Picture Count
Bedroom 3 Width	Pet Deposit/Fee	Lease Information	Picture Timestamp
Bedroom 4 Length	Pre-Paid Lst Mth Rnt	Lease Price/HiSeason	Planned Comm Name
Bedroom 4 Width	Security Deposit	^Lease Sign Date	Plumbing
Bedroom 5 Length	Dining Area	^Lease Start Date	Pool
Bedroom 5 Width	Dining Room Length	Legal Info: Cnty Rcrd Bk & Pg #	Pool - Private
Bedrooms Plus	Dining Room Width	Legal Info: Lot Number	Property Description
Bldg Number	Directions	Legal Info: Range	Property Group ID
Bonus/Game Room Length	Dwelling Styles	Legal Info: Section	Property Type
Bonus/Game Room Width	Dwelling Type	Legal Info: Township	Prtl Refundable Dep
Breakfast Room Length	Elem School Dist #	Library Length	Public Remarks
Breakfast Room Width	Elementary School	Library Width	Renewal Comp
Builder Name	Energy/Green Feature	*Listing ID	Rent Includes
Building Style	Energy/Green Feature: HERS Cert	ListingMemberName	Rent Payable
**Buyer Broker \$/%	Date	ListingMemberShortId	<i>Rental Info Fields:</i>
**Buyer/Broker	Energy/Green Feature: HERS	*ListingOfficeName	Carpet Color
City/Town Code	Rating	ListingOfficePhone	Date Available
CoListingMemberName	Energy/Green Feature: HERS	ListingOfficeShortId	Floor Number
CoListingMemberShortId	Rating Y/N	Living Room Length	Furnished?
CoListingOfficeShortId	Exercise/Sauna Length	Living Room Width	HOA Fee
CoListingOfficeName	Exercise/Sauna Width	Loft Length	HOA Fee Paid (Freq)

HOA Name	^SellingOfficePhone	St Dir Sfx	Unit Style
HOA Paid By	Separate Den/Office: Sep	St Suffix	Utilities
HOA Telephone	Den/Office Y/N	State/Province	Vacation Rental Y/N
HOA Y/N	Separate Workshop Length	Status	**Variable Commission
Min Months Available	Separate Workshop Width	Street Name	VOWAddressDisplay
Pets	Services	**Sub Agent \$/%	VOWAutomatedValuationDisplay
Property Sleeps	Sewer	**Subagents	VOWConsumerComment
Rental Tax Percent	Solar Panels: Grid	Subdivision	VOWEntireListingDisplay
Seasonal Rate	Solar Panels: KW	Tax Municipality	Water
Roofing	Solar Panels: Ownership	Technology	Window Coverings
Seasonal Month Avlbl	^Sold Price	Timestamp	Windows
^SellingMemberShortId	Source Apx Lot SqFt	**Type	Year Built
^SellingMemberName	Source of SqFt	UCB	Zip Code
^SellingOfficeShort Id	Spa - Private	UnBranded Virtual Tour	Zip4
^SellingOfficeName	Special Listing Cond	Unit #	

^Indicates Field Available for Sold Status Only

***Indicates Mandatory Field That Must Be Displayed**

****Do NOT Display**

Open House Data Available for Residential Rental

City	Listing Agent FirstName	Listing Office ID	State
Event End	Listing Agent ID	*Listing Office Name	Street Address
Event Start	Listing Agent LastName	Modification Timestamp	Unique Listing ID
Event Unique ID	Listing Area	Office Primary Phone	
List Price	*Listing Number	Open House Comments	

***Indicates Mandatory Field That Must Be Displayed**

Rental Schedule Data Available for Vacation (Seasonal Furnished) Rentals

Available Code
 End Date
 List ID
 Modification Timestamp
 Start Date
 Tech ID

Exhibit 4 (Updated April 16, 2015)
Authorized IDX Listing Fields for Land and Lots IDX Data Set

# Lots in Listing	Contact Info: List Agent Cell Phn2	Land Features	^Payment Type
Apx SqFt	Contact Info: List Agent Pager	Legal Info: Cnty Rcrd Bk & Pg #	^Buyr Concess to Sell
Apx SqFt G/N	Contact Info: Office Fax Number	Legal Info: Lot Number	^Buyer Concess \$/%
Apx Total Acres	^CoSellingMemberShortId	Legal Info: Range	^Sellr Concess to Buy
Apx Total Acres G/N	^CoSellingMemberName	Legal Info: Section	^Seller Concess \$/%
Assessor Number	^CoSellingOfficeShortId	Legal Info: Township	^Sold Price
Assessor Parcel Ltr	^CoSellingOfficeName	List Price	Special
Assessor's Book #	^CoSellingOfficePhone	*Listing ID	Special Listing Cond
Assessor's Map #	Country	ListingMemberName	St Dir Sfx
Assessor's Parcel #	County Code	ListingMemberShortId	St Suffix
<i>Assoc/Prop Info Fields:</i>	Cross Street	*ListingOfficeName	State/Province
HOA Fee	Development Status	ListingOfficePhone	Status
HOA Name	Directions	ListingOfficeShortId	Status Update
HOA Paid (Freq)	Distance to Cable	Lot #	Street Name
HOA Telephone	Distance to Electric	Lot Size Dimensions	Street Number
HOA Transfer Fee	Distance to Gas	Map Code/Grid	**Sub Agent \$/%
HOA Y/N	Distance to Phone	Marketing Name	**Subagents
HOA 2 Fee	Distance to Sewer	New Financing	Subdivision
HOA 2 Name	Distance to Water	Office ID	Tax Municipality
HOA 2 Paid (Freq)	Electric	**Other Compensation	Tax Year
HOA 2 Telephone	Elem School Dist #	Out of Area Schl Dst	Taxes
HOA 2 Transfer Fee	Elementary School	Parcel Size	Timestamp
HOA 2 Y/N	Elevation	Picture Count	**Type
PAD Fee	Elevation Source	Picture Timestamp	UCB
PAD Fee Y/N	Environmental	Potential Use	UnBranded Virtual Tour
PAD Paid (Freq)	Existing Land Use	Property Group ID	Use Restrictions
**Buyer Broker \$/%	Fencing	Property Type	**Variable Commission
**Buyer/Broker	For Sale or Lease?	Public Remarks	Vegetation
Census Tract	Freeway/Highway	Railroad	VOWAddressDisplay
City/Town Code	Gas	Roads/Streets	VOWAutomatedValuationDisplay
^Close of Escrow Date	Geo Lat	^SellingMemberShortId	VOWConsumerComment
CoListingMemberName	Geo Lon	^SellingMemberName	VOWEntireListingDisplay
CoListingMemberShortId	High School	^SellingOfficeShort Id	Water
CoListingOfficeShortId	High School Dist #	^SellingOfficeName	WWMAP Page
CoListingOfficeName	Horse Features	^SellingOfficePhone	WWMAP Side
CoListingOfficePhone	Horses	Sewer	WWMAP Top Coordinate
**Comp to Buyer Broker	Internal Listing ID	<i>^Sold Info Fields:</i>	Zip Code
**Comp to Subagent	Irrigation District	^Closing Cost Split	Zip4
Compass	Jr. High School	^Loan Type	Zoned Presently
Contact Info: List Agent Cell Phn	Land Configuration	^Loan Years	Zoning

^Indicates Field Available for Sold Status Only
***Indicates Mandatory Field That Must Be Displayed**
****Do NOT Display**

Open House Data Available for Land and Lots

City	Listing Agent FirstName	Listing Office ID	State
Event End	Listing Agent ID	*Listing Office Name	Street Address
Event Start	Listing Agent LastName	Modification Timestamp	Unique Listing ID
Event Unique ID	Listing Area	Office Primary Phone	
List Price	*Listing Number	Open House Comments	

*Indicates Mandatory Field That Must Be Displayed

Exhibit 5 (Updated April 16, 2015) Authorized IDX Listing Fields for Commercial and Industrial For Sale IDX Data Set

# of Buildings	Electric	*Listing ID	State/Province
Assessor Number	Exterior	ListingMemberName	Status
Assessor Parcel Ltr	Fencing	ListingMemberShortId	**Status Update
Assessor's Book #	Floors	*ListingOfficeName	Stories
Assessor's Map #	Gas	ListingOfficePhone	Street Name
Assessor's Parcel #	Geo Lat	ListingOfficeShortId	Street Number
Bldg Number	Geo Lon	Lot Size Dimensions	**Sub Agent \$/%
Building Type	Heating	Map Code/Grid	**Subagents
**Buyer Broker \$/%	<i>Income & Expenses Fields:</i>	Marketing Name	Subdivision
**Buyer/Broker	Adjusted Gross Inc	Office ID	Tax Municipality
Ceiling Height	Annual Elec Exp	**Other Compensation	Tax Year
Census Tract	Annual Gas Exp	Ownership	Taxes
City/Town Code	Annual Ins Exp	Parking	Timestamp
^Close of Escrow Date	Annual Land Lse Exp	Picture Count	Total Parking Spcs
CoListingMemberName	Annual Landscape Exp	Picture Timestamp	Ttl Apx Net Rnt Spc
CoListingMemberShortId	Annual Legal & Acctg	Property Group ID	Ttl Apx SqFt Bldg
CoListingOfficeShortId	Annual Maint Exp	Property Type	Ttl Apx SqFt Land
CoListingOfficeName	Annual Mgmt Exp	Public Remarks	**Type
CoListingOfficePhone	Annual Other Expense	Roofing	Type of Property
Compass	Annual Ownr Assoc Fee	^SellingMemberShortId	UCB
**Comp to Buyer Broker	Annual Pad Fee	^SellingMemberName	UnBranded Virtual Tour
**Comp to Subagent	Annual Rplcmnt Rsrvs	^SellingOfficeShort Id	Uncvrtd Parking Spcs
Construction	Annual Trash Exp	^SellingOfficeName	Unit #
Contact Info: List Agent Cell Phn	Annual Wtr/Swr Exp	^SellingOfficePhone	**Variable Commission
Contact Info: List Agent Cell Phn2	Gross Annual Sch Inc	Sewer	VOWAddressDisplay
Contact Info: List Agent Pager	Net Operating Income	<i>^Sold Info Fields:</i>	VOWAutomatedValuationDisplay
Contact Info: Office Fax Number	Operating Exp	^Closing Cost Split	VOWConsumerComment
Cooling	Other Income	^Loan Type	VOWEntireListingDisplay
^CoSellingMemberShortId	Owner Association	^Loan Years	Water
^CoSellingMemberName	Vacancy Allowance	^Payment Type	WWMAP Page
^CoSellingOfficeShortId	Interior	^Buyr Concess to Sell	WWMAP Side
^CoSellingOfficeName	Internal Listing ID	^Buyer Concess \$/%	WWMAP Top Coordinate
^CoSellingOfficePhone	Legal	^Sellr Concess to Buy	Year Built
Country	Legal Info: Cnty Rcrd Bk & Pg #	^Seller Concess \$/%	Zip Code
County Code	Legal Info: Lot Number	^Sold Price	Zip4
Covered Parking Spcs	Legal Info: Range	Source of Fincl Data	Zoning
Cross Street	Legal Info: Section	Special	
Current Use	Legal Info: Township	St Dir Sfx	
Directions	List Price	St Suffix	

^Indicates Field Available for Sold Status Only

***Indicates Mandatory Field That Must Be Displayed**

****Do NOT Display**

Open House Data Available for Commercial and Industrial For Sale

City	Listing Agent FirstName	Listing Office ID	State
Event End	Listing Agent ID	*Listing Office Name	Street Address
Event Start	Listing Agent LastName	Modification Timestamp	Unique Listing ID
Event Unique ID	Listing Area	Office Primary Phone	
List Price	*Listing Number	Open House Comments	

***Indicates Mandatory Field That Must Be Displayed**

Exhibit 6 (Updated April 16, 2015) Authorized IDX Listing Fields for Commercial and Industrial For Lease IDX Data Set

# of Buildings	Covered Parking Spcs	Legal Info: Section	Status
Assessor Number	Cross Street	Legal Info: Township	Stories
Assessor Parcel Ltr	Current Use	*Listing ID	Street Name
Assessor's Book #	Directions	ListingMemberName	Street Number
Assessor's Map #	Electric	ListingMemberShortId	**Sub Agent \$/%
Assessor's Parcel #	Exterior	*ListingOfficeName	**Subagents
Building Type	Fencing	ListingOfficePhone	Subdivision
**Buyer Broker \$/%	Floors	ListingOfficeShortId	Tax Municipality
**Buyer/Broker	Gas	Lot Size Dimensions	Tax Year
Ceiling Height	Geo Lat	Map Code/Grid	Taxes
Census Tract	Geo Lon	Marketing Name	Tenant Pays
City/Town Code	Heating	Mntly Lse Prc P/SqFt	Timestamp
CoListingMemberName	Interior	Monthly Lease Price	Total Parking Spcs
CoListingMemberShortId	Internal Listing ID	Move in Costs	Ttl Apx Net Rnt Spc
CoListingOfficeShortId	Landlord Pays	Office ID	Ttl Apx SqFt Bldg
CoListingOfficeName	Lease Conditions	**Other Compensation	**Type
CoListingOfficePhone	Lease Includes	Parking	Type of Lease
**Commission	<i>Lease Info Fields:</i>	Picture Count	Type of Property
**Comp For Sale	Annual CAM/SqFt	Picture Timestamp	UCB
**Comp to Buyer Broker	Annual Exp Stop/SqFt	Property Group ID	UnBranded Virtual Tour
**Comp to Subagent	Annual Lease Price	Property Type	Uncvrld Parking Spcs
Compass	Annual Lse Prc P/SF	Public Remarks	Unit #
Construction	Base Rent Excalation	**Renewal Comp	**Variable Commission
Contact Info: List Agent Cell Phn	Lease Year	Roofing	VOWAddressDisplay
Contact Info: List Agent Cell Phn2	Lse Yr Rng Maximum	^SellingMemberShortId	VOWAutomatedValuationDisplay
Contact Info: List Agent Pager	Space Divisible	^SellingMemberName	VOWConsumerComment
Contact Info: Office Fax Number	Suite Floor Location	^SellingOfficeShort Id	VOWEntireListingDisplay
Cooling	Suite Size Avail Max	^SellingOfficeName	Water
^CoSellingMemberShortId	Tenant Allow/SqFt	^SellingOfficePhone	WWMAP Page
^CoSellingMemberName	^Lease Sign Date	Sewer	WWMAP Side
^CoSellingOfficeShortId	^Lease Start Date	^Sold Price	WWMAP Top Coordinate
^CoSellingOfficeName	Lease Type	Special	Year Built
^CoSellingOfficePhone	Legal	St Dir Sfx	Zip Code
Country	Legal Info: Lot Number	St Suffix	Zip4
County Code	Legal Info: Range	State/Province	Zoning

^Indicates Field Available for Sold Status Only

***Indicates Mandatory Field That Must Be Displayed**

****Do NOT Display**

Open House Data Available for Commercial and Industrial For Lease

City	Listing Agent FirstName	Listing Office ID	State
Event End	Listing Agent ID	*Listing Office Name	Street Address
Event Start	Listing Agent LastName	Modification Timestamp	Unique Listing ID
Event Unique ID	Listing Area	Office Primary Phone	
List Price	*Listing Number	Open House Comments	

***Indicates Mandatory Field That Must Be Displayed**

Exhibit 7 (Updated April 16, 2015) Authorized IDX Listing Fields for Multiple Dwellings IDX Data Set

# of Buildings	CoListingOfficeName	High School	ListingMemberName
1 Bedroom Units: # 1 Bedroom Units	CoListingOfficePhone	High School Dist #	ListingMemberShortId
1 Bedroom Units: # Baths	Community Amenities	<i>Income & Expenses Fields:</i>	*ListingOfficeName
1 Bedroom Units: Avg Rent	**Comp to Buyer Broker	Adjusted Gross Inc	ListingOfficePhone
1 Bedroom Units: Avg SqFt	**Comp to Subagent	Annual Elec Exp	ListingOfficeShortId
2 Bedroom Units: # 2 Bedroom Units	Compass	Annual Gas Exp	Lot Size Dimensions
2 Bedroom Units: # Baths	Const - Finish	Annual Ins Exp	Map Code/Grid
2 Bedroom Units: Avg Rent	Construction	Annual Land Lse Exp	Marketing Name
2 Bedroom Units: Avg SqFt	Contact Info: List Agent Cell Phn	Annual Landscape Exp	<i>Mobile Home Prk Info Fields:</i>
2 Bedroom Units: Avg SqFt	Contact Info: List Agent Cell Phn2	Annual Legal & Acctg	# Double Wide Spaces
3 Bedrooms Units: # 3 Bedroom Units	Contact Info: List Agent Pager	Annual Maint Exp	# Overnight Spaces
3 Bedrooms Units: # Baths	Contact Info: Office Fax Number	Annual Mgmt Exp	# Oversize Spaces
3 Bedrooms Units: Avg Rent	Cooling	Annual Other Expense	# Park Owned Units
3 Bedrooms Units: Avg SqFt	^CoSellingMemberShortId	Annual Ownr Asoc Fee	# RV Spaces
4 Bedrooms Units: # 4 Bedroom Units	^CoSellingMemberName	Annual PAD Fee	# Single Wide Spaces
4 Bedrooms Units: # Baths	^CoSellingOfficeShortId	Annual Rplcmnt Rsrvs	# Storage Spaces
4 Bedrooms Units: Avg Rent	^CoSellingOfficeName	Annual Trash Exp	Avg Rent Double Wide
4 Bedrooms Units: Avg SqFt	^CoSellingOfficePhone	Annual Wtr/Swr Exp	Avg Rent Oversize Sp
Appliances Included	Country	Gross Annual Sch Inc	Avg Rent Ovrnght Spc
Assessor Number	County Code	Net Operating Income	Avg Rent RV Spaces
Assessor Parcel Ltr	Covered Parking Spcs	Operating Exp	Avg Rent Single Wide
Assessor's Book #	Cross Street	Other Income	Total Number Spaces
Assessor's Map #	Directions	Owner Association	New Financing
Assessor's Parcel #	Efficiency Units: # Baths	Totl Mnth Rntal Inc	Office ID
Bldg Number	Efficiency Units: # Efficiency Units	Vacancy Allowance	**Other Compensation
**Buyer Broker \$/%	Efficiency Units: Avg Rent	Interior Amenities	Other Type
**Buyer/Broker	Efficiency Units: Avg SqFt	Internal Listing ID	Out of Area Schl Dst
Census Tract	Electric	Jr. High School	Owner Pays
City/Town Code	Elem School Dist #	Legal	Ownership
^Close of Escrow Date	Elementary School	Legal Info: Cnty Rcrd Bk & Pg #	Parking
CoListingMemberName	Exterior Amenities	Legal Info: Lot Number	Payment Includes
CoListingMemberShortId	Floors	Legal Info: Range	Picture Count
CoListingOfficeShortId	Gas	Legal Info: Section	Picture Timestamp
	Geo Lat	Legal Info: Township	Project Type
	Geo Lon	List Price	Property Group ID
	Heating	*Listing ID	Property Type

Public Remarks	^Payment Type	**Sub Agent \$/%	Unit #
Roofing	^Buyr Concess to Sell	**Subagents	**Variable Commission
Sale Includes	^Buyer Concess \$/%	Subdivision	VOWAddressDisplay
^SellingMemberShortId	^Sellr Concess to Buy	Tax Municipality	VOWAutomatedValuationDisplay
^SellingMemberName	^Seller Concess \$/%	Tax Year	VOWConsumerComment
^SellingOfficeShort Id	^Sold Price	Taxes	VOWEntireListingDisplay
^SellingOfficeName	Special	Tenant Pays	Water
^SellingOfficePhone	St Dir Sfx	Timestamp	WWMAP Page
Sewer	St Suffix	Total # of Units	WWMAP Side
Source of Fincl Data	State/Province	Total Parking Spcs	WWMAP Top Coordinate
^Sold Info Fields:	Status	**Type	Year Built
^Closing Cost Split	**Status Update	UCB	Zip Code
^Loan Type	Street Name	UnBranded Virtual Tour	Zip4
^Loan Years	Street Number	Uncvrdr Parking Spcs	Zoning

^Indicates Field Available for Sold Status Only
***Indicates Mandatory Field That Must Be Displayed**
****Do NOT Display**

Open House Data Available for Multiple Dwellings

City	Listing Agent FirstName	Listing Office ID	State
Event End	Listing Agent ID	*Listing Office Name	Street Address
Event Start	Listing Agent LastName	Modification Timestamp	Unique Listing ID
Event Unique ID	Listing Area	Office Primary Phone	
List Price	*Listing Number	Open House Comments	

***Indicates Mandatory Field That Must Be Displayed**