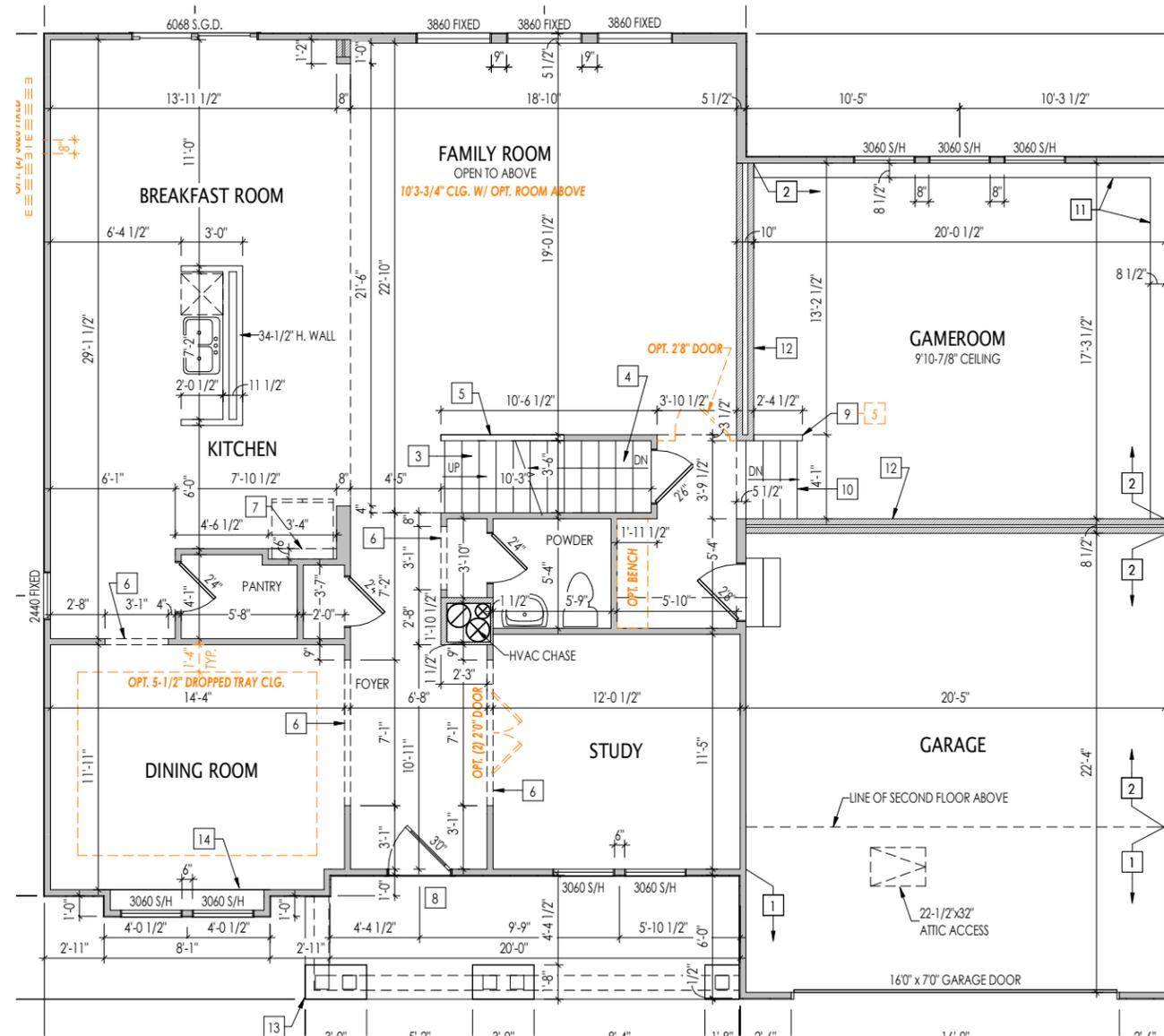


Network Layout



75° = 75 Degree Angle Wi-Fi Broadcast

75° = 75 Degree Directional Wi-Fi Signal Representation

3ft = Omni-Directional Wi-Fi Signal Representation

Note: 2.4 GHz WiFi coverage is guaranteed throughout the livable/ conditioned portions of the structure. Varying building materials and obstructions will cause significant degradation in the WiFi signal external to the structure. Thusly this map is not representative of actual external coverage to the home or structure and not covered under our WiFi guarantee.



PROJECT

Several

REVISIONS

NO.	DESCRIPTION	DATE
XXXv1	Network Design	1/7/21

CUSTOM INTEGRATOR
Drees Homes

PROJECT #
0002113

TERRITORY SALES MANGER

DESIGNED BY
Ryan Harter

NL.2



WiFi Assurance Program

Custom Network Design for

Project Name

Prepared By

The Best Choice for Your Smart Home Network

With the dramatic increase in everyday connected devices, having a powerful network that manages the flow of audio, video, and data has become critical. With that in mind, Luxul:

- Is engineered specifically to support smart home technology networks that smoothly stream video for entertainment and security; audio for pitch-perfect sound; and accurate data for thermostats, shades, and lighting control.
- Is built for professional installers who know how to configure and optimize networks.
- Provides a network that can handle the everyday demand on bandwidth and is built with the horsepower to run today's technology and beyond.
- Wireless coverage everywhere you need it, with the ability to seamlessly move your device between Access Points without dropping off the network.

Warranty

Luxul offers free software updates plus a three-year hardware warranty on all Luxul network products when the network components are purchased from and installed by an Authorized Luxul Dealer.



Internet protection for your home buyers

Provide the added benefit of content management to your home buyers with Router Limits, built-in to Luxul Epic routers. With Router Limits, home owners are able to set boundaries on what websites are off limits, what times the Internet should be available, and track browsing history.



Manage Screen Time

Set Internet access schedules that fit the needs of each person. For example, filter social media for employees during the workday, or shut off the kids' access to the Internet completely during dinner and at bedtime.



Filter Content

An extensive library of filters include categories like Games, Social Media, and Offensive Content, as well as popular sites and apps like Facebook, Netflix, and Snapchat. Filters can be customized to your exact needs.



Track Browsing History

View web use and browsing history data right at your fingertips. Now you can see what's happening on your network, even when you're not there.

PROJECT TITLE

A.0	Cover Page
NL.1-NL.2	Network Layout
NR.1	Network Riser
BM.1	Bill Of Materials



PROJECT

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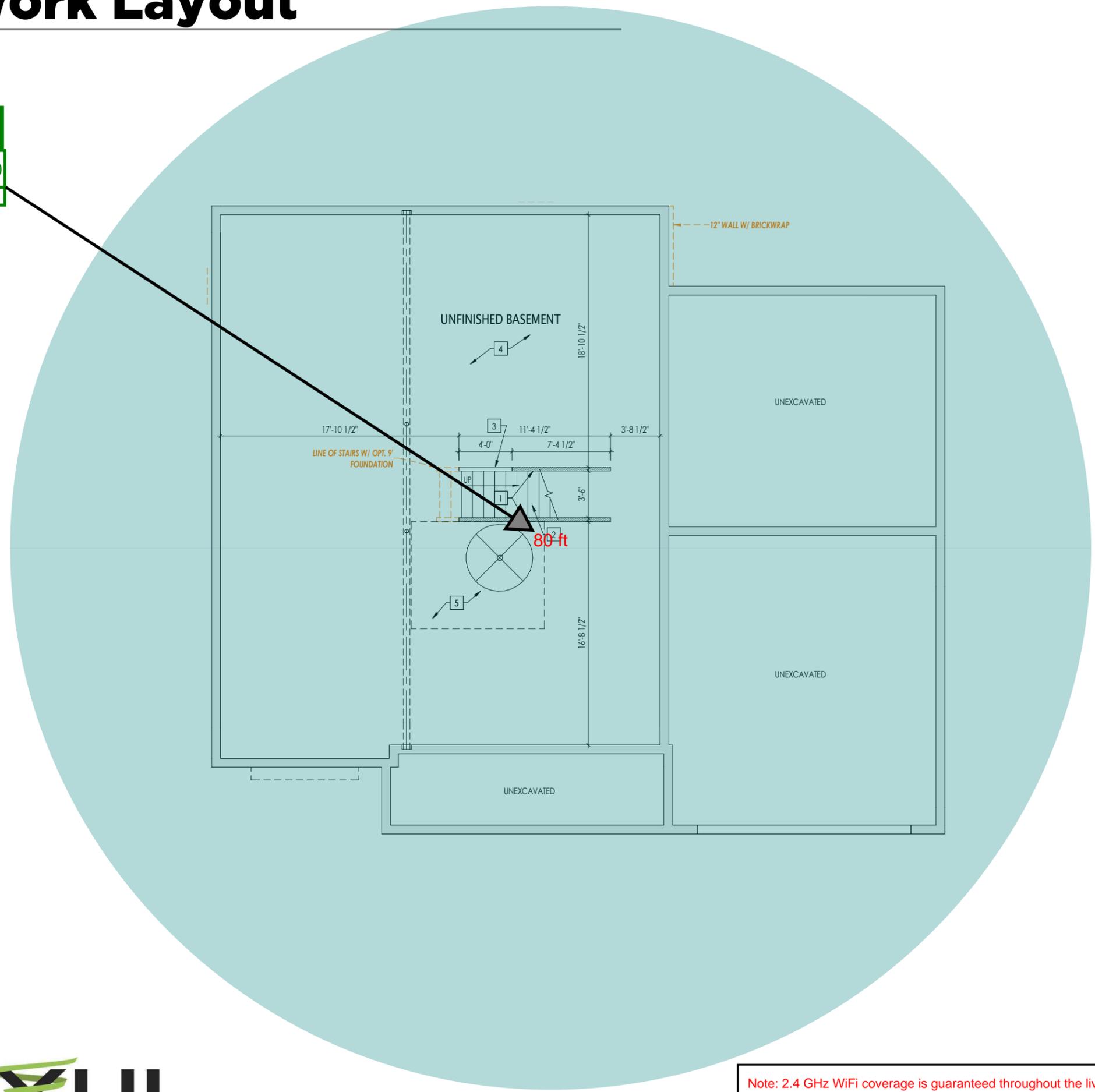
DESIGNED BY

Ryan Harter

A.0

Network Layout

(R) XWR-1200
4PORT WiFi



75° = 75 Degree Angle Wi-Fi Broadcast

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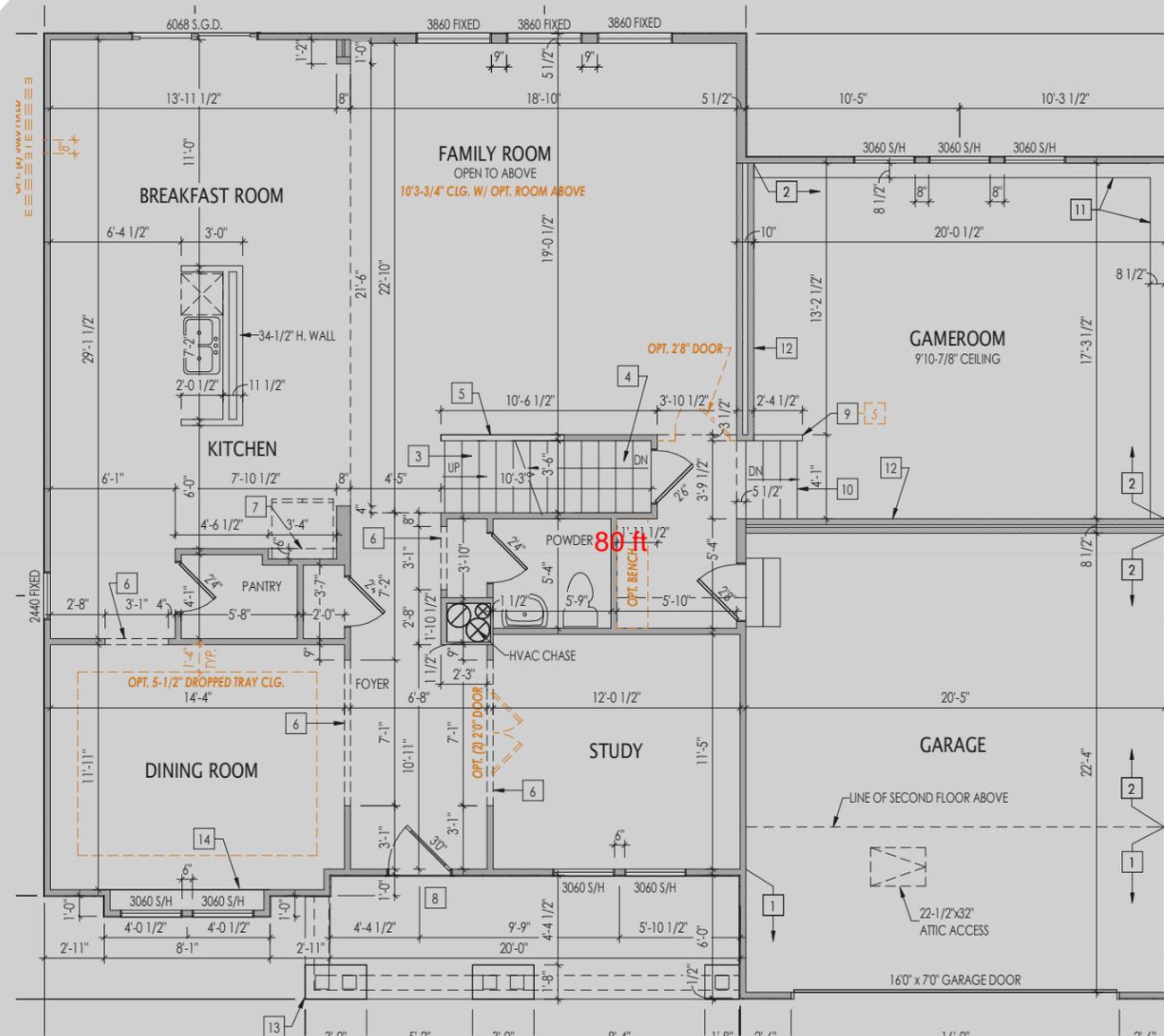
DESIGNED BY

Ryan Harter

NL.1



Network Layout



Covered by Router/WAP on another Level/Floor

75° = 75 Degree Angle Wi-Fi Broadcast

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PROJECT
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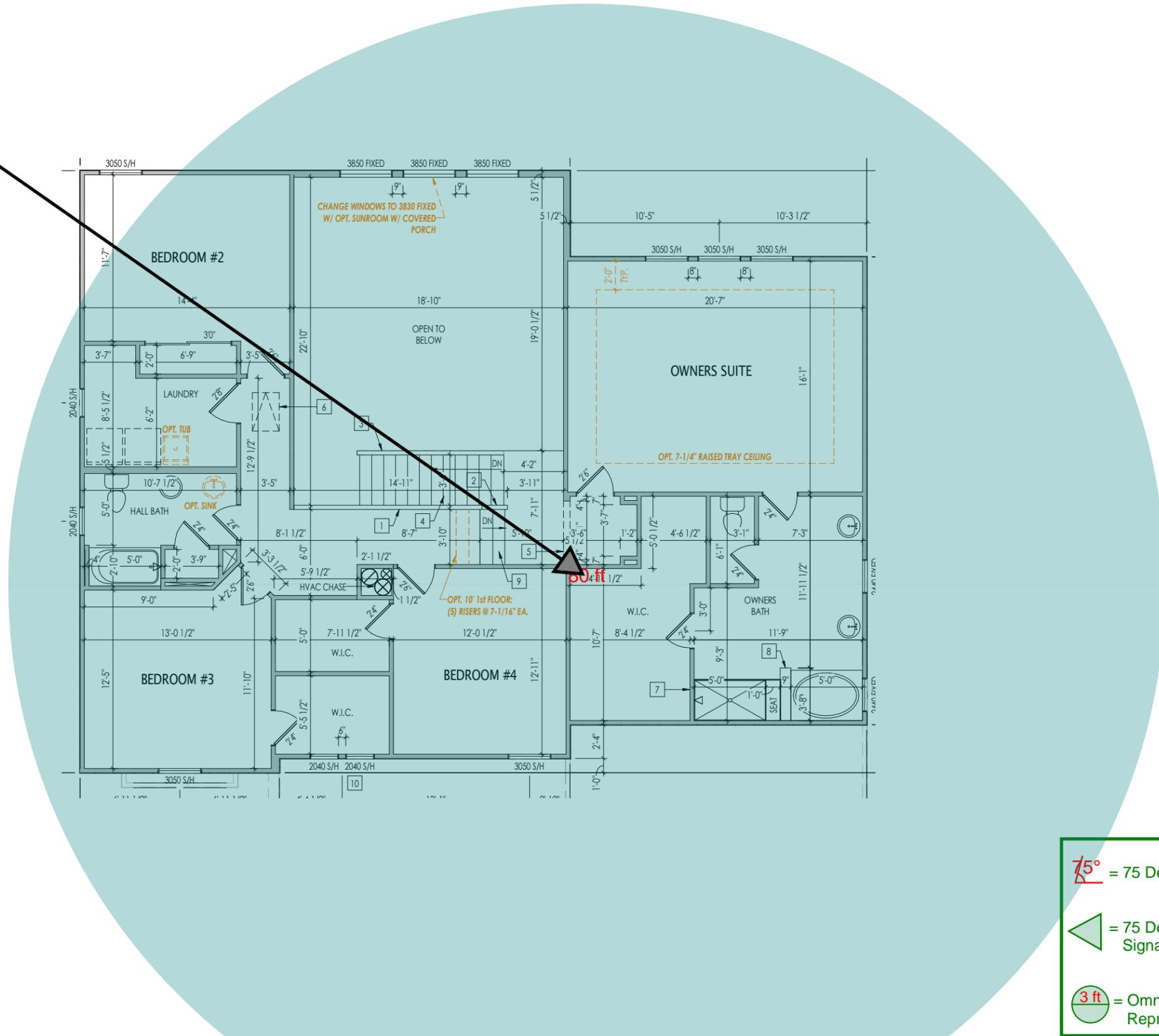
DESIGNED BY
Ryan Harter

NL.2



Network Layout

AP XAP-810
AC1200 DB WiFi



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PROJECT

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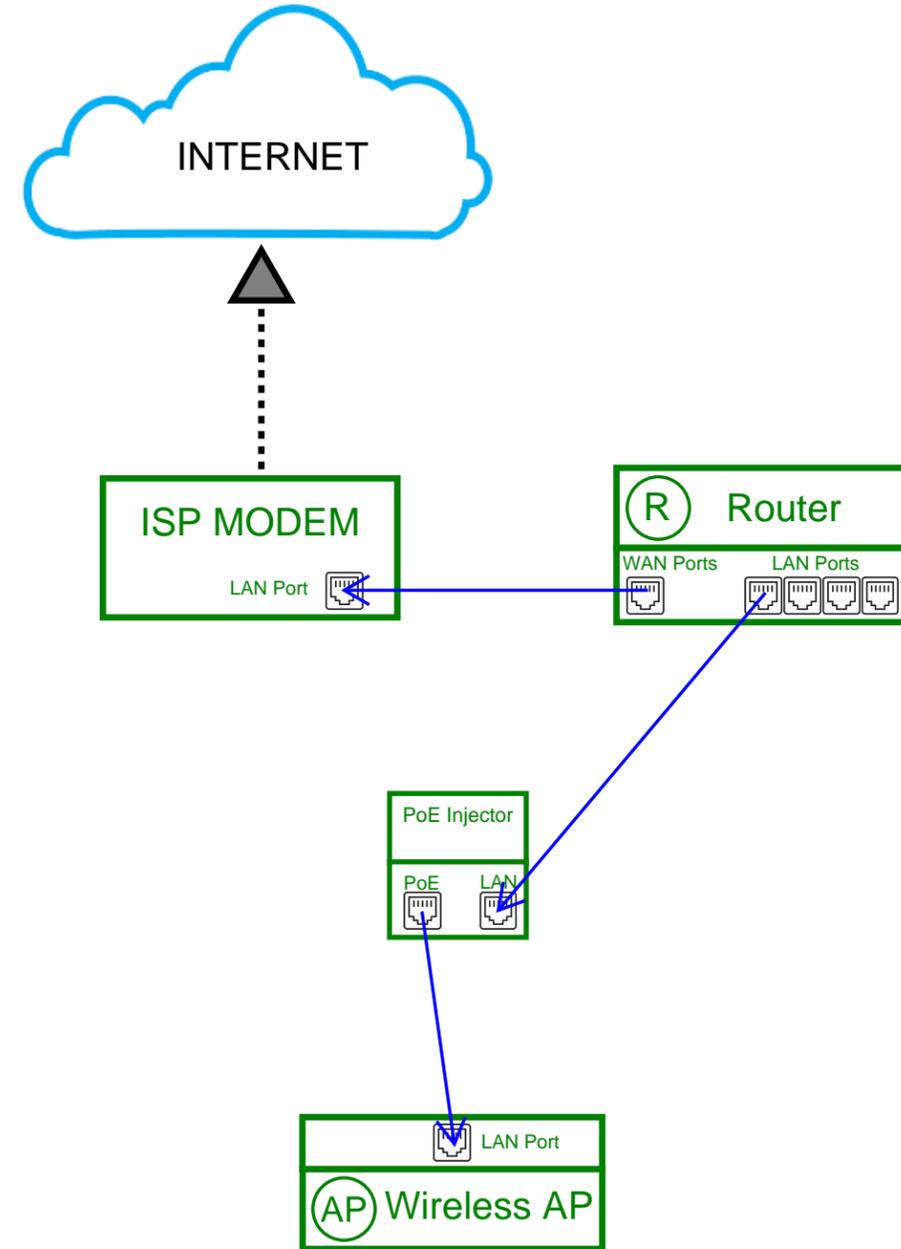
TERRITORY SALES MANGER

DESIGNED BY
Ryan Harter

NL.3



Typical Network Topology



- Ethernet / Max, Dist. 328' (100m)
 - Cat5e or better - recommended
 - Shielded cable on runs over 100' (30.5m) - recommended
 - 10/100/1000 mbps
 - Standard MHz Rating _ 100MHz

→

- (R) Router
- (S) Switch
- (AP) Wireless Access Point
- (WC) Wireless Controller



PROJECT

Several

REVISIONS

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DESIGNED BY

Ryan Harter

NR.1



Bill of Materials

Wireless Router 2.4/5GHz AC1200 w/ built-in Wireless Controller	XWR-1200	1
Standard Wireless TX Power AC1200 WAP	XAP-810	1



PROJECT

Several

REVISIONS

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TERRITORY SALES MANGER

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Ryan Harter

A.0

