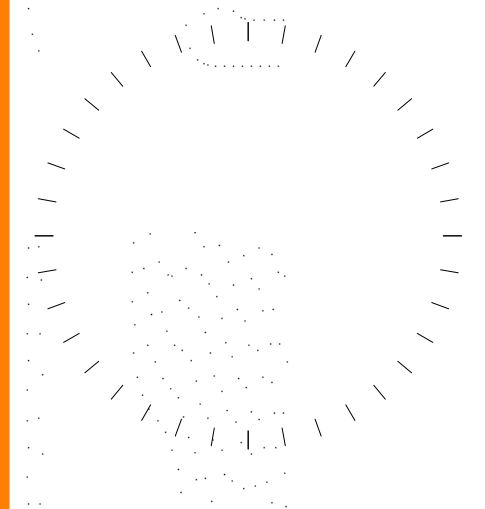


UCKERT RESIDENCE

3421 21st AVE N
ARLINGTON, VA 22207



#	DESCRIPTION	DATE

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PROJECT NAME AND ADDRESS
UCKERT RESIDENCE
3421 21st AVE N
ARLINGTON, VA 22207

OWNER
COLIN UCKERT

SHEET TITLE
COVER & SHEET INDEX

SHEET NUMBER
G001
11/17/21
SCHEMATIC DESIGN

SHEET LIST

GENERAL

- G001 COVER & SHEET INDEX
- G002 GENERAL NOTES & SYMBOLS
- G003 PROJECT SPECIFICATIONS
- G004 PROJECT SPECIFICATIONS
- G010 PROJECT ASSEMBLIES

ARCHITECTURE

- A120 ARCHITECTURAL SITE PLAN
- A200 BASEMENT FLOOR PLAN
- A201 FLOOR 1 PLAN
- A202 FLOOR 2 PLAN
- A204 ROOF PLAN
- A401 ELEVATIONS
- A402 ELEVATIONS
- A500 BUILDING SECTIONS AND DETAILS
- A501 BUILDING SECTIONS AND DETAILS
- A502 GARAGE PLANS & ELEVATIONS
- A600 INTERIOR ELEVATIONS
- A610 TYP UNIT DETAILS
- A700 PERSPECTIVES

A800

- WINDOW FLASHING
- A801 DOOR FLASHING
- A802 ZIP SYSTEM TYPICAL DETAILS
- A900 SCHEDULES
- A901 FINISH SCHEDULE
- D001 DEMOLITION PLAN

STRUCTURAL

- S4.1 TYPICAL TJI FLOOR INSTALLATION DETAILS
- S4.2 TYPICAL ROOF TJI FRAMING INSTALLATION DETAILS
- S5.0 FRAMING DETAILS AND FORMS
- S5.1 DECK DETAILS

CODE SUMMARY

APPLICABLE CODES

- 2015 VIRGINIA RESIDENTIAL CODE (IRC)

OCCUPANCY GROUP: R-5
FIRE PROTECTION: NON-SPRINKLERED
CONSTRUCTION TYPE: TYPE VB

ZONING INFORMATION

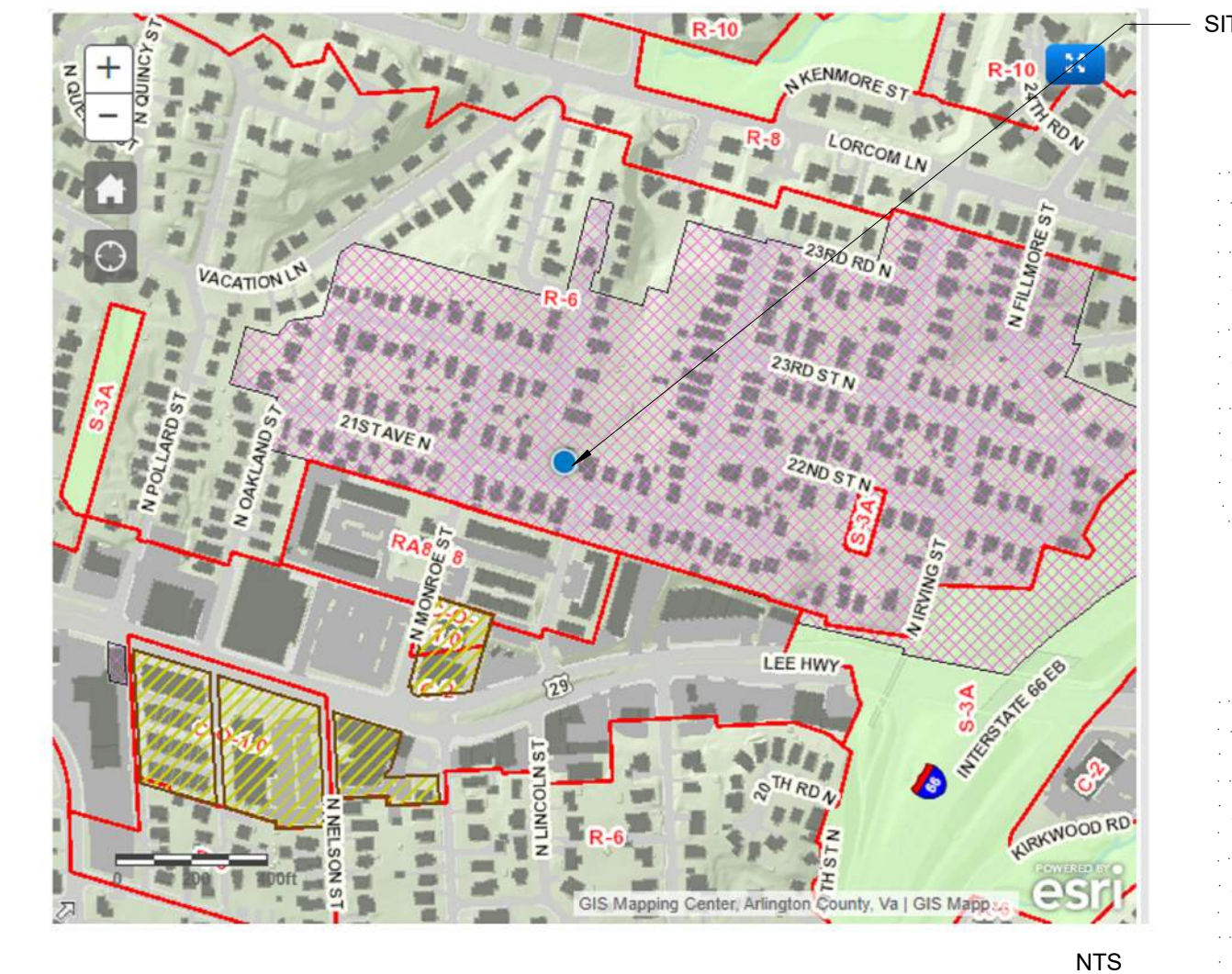
ZONING GROUP: R-6
LOT SIZE: 9,552 SF
LOT COVERAGE ALLOWED 45% WITH FRONT PORCH AND DETACHED GARAGE

ENVELOPE REQUIREMENTS

ENERGY CONSERVATION CODE: THE PROJECT WILL FOLLOW THE PRESCRIPTIVE METHOD OF THE 2015 VECC WITH MINIMUM R-VALUES AND MAXIMUM U-FACTORS

R-VALUE	U-FACTOR (MAXIMUM)
EXTERIOR WOOD WALLS: R10ci	R6ci+R23
BASEMENT WALLS: R19	R19
FLOORS: R49	R49
CEILINGS/ROOFS: R35	0.35 (SHGC 0.40)
WINDOWS/DOORS: R35	0.35 (SHGC 0.40)

VICINITY MAP



NTS

PROJECT SUMMARY

THIS PROJECT CONSISTS OF THE ADDITION AND RENOVATION OF AN EXISTING HISTORIC HOME LOCATED IN THE HISTORIC DISTRICT OF MAYWOOD ARLINGTON. THE EXISTING HOME IS TO REMAIN AND REMOVE A LATE 1980s ADDITION ALONG WITH AN INTERIOR REMODEL. THE REAR OF THE HOUSE WILL AT A 1.5 STORY ADDITION WITH A CELLAR.

ARCHITECT

LEE DESIGN STUDIOS, LLC
6818 JACKSON AVE
FALLS CHURCH, VA 22042
404.375.0733
MATT@LEEDESIGN.STUDIO

STRUCTURAL ENGINEER

SPLINTERWORKS LLC
510 CARDINAL LANE
WARRENTON, VA 20186
757.348.3776
SPLINTERWORKSVA@GMAIL.COM

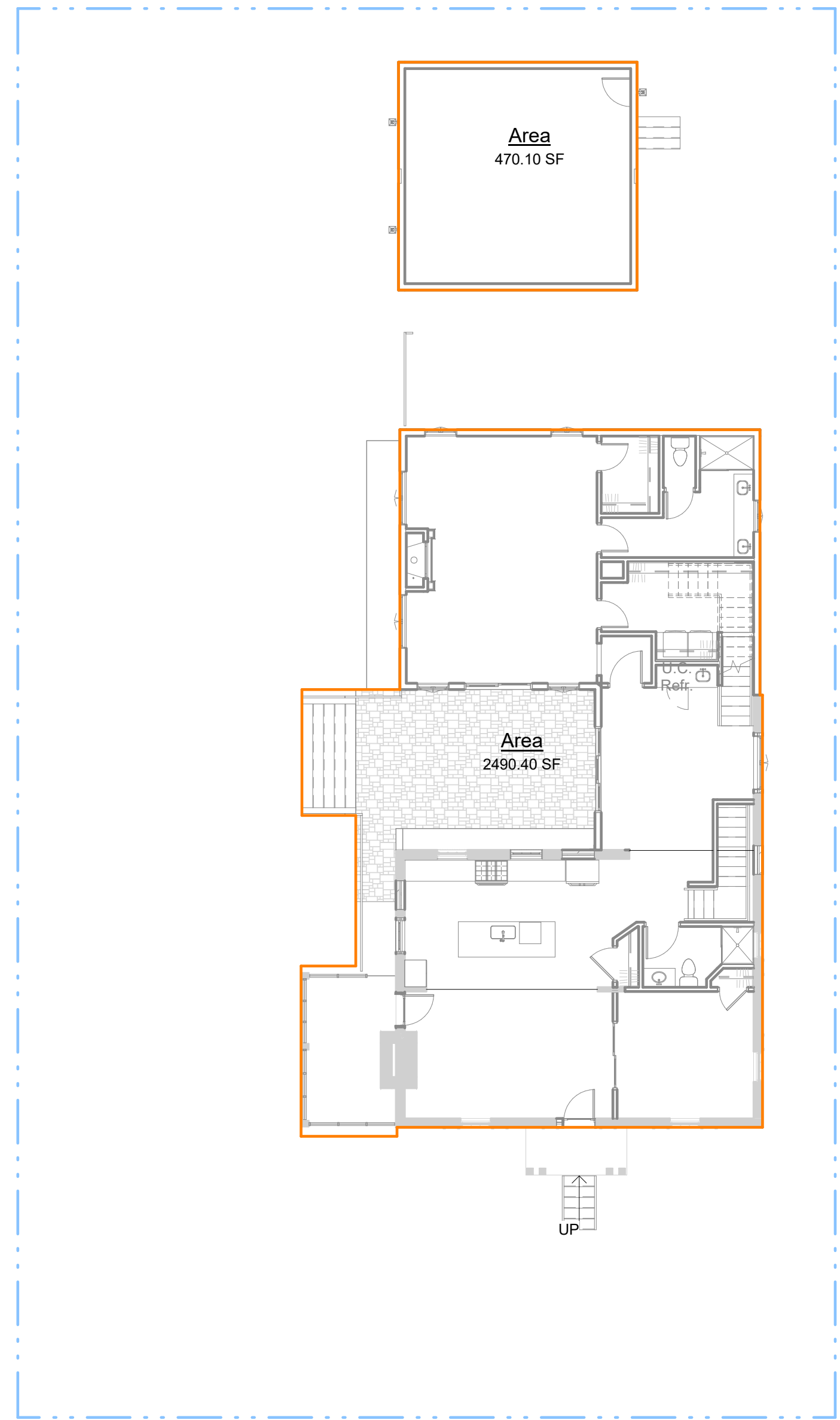
MEP ENGINEER

CIVIL ENGINEER

HUSKA CONSULTING LLC
718 7TH STREET, NW
WASHINGTON, DC 20001
703.425.3862
CHUSKA@HUSKACONSULTING.COM

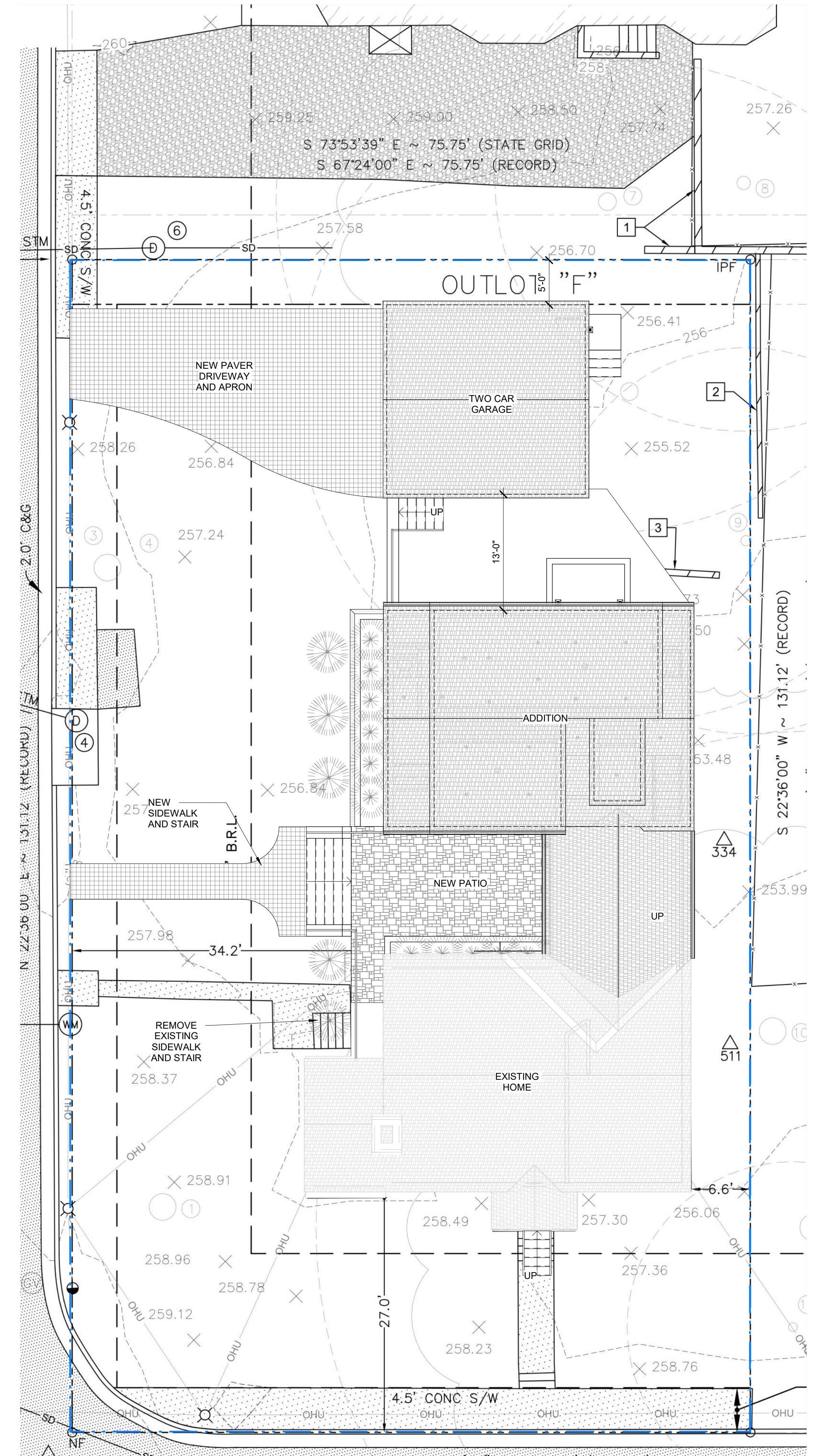
OWNER

COLIN UCKERT
3421 21ST AVE NORTH
202.255.6356
COLINUCKERT@GMAIL.COM



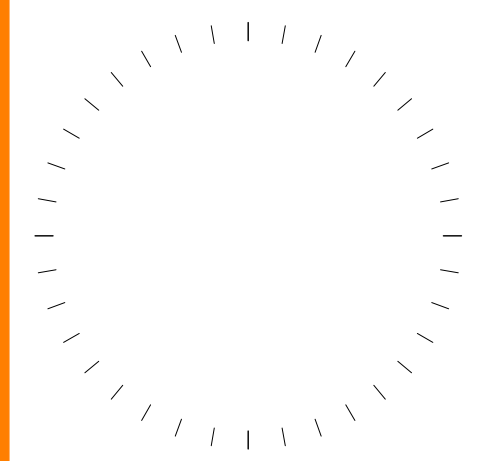
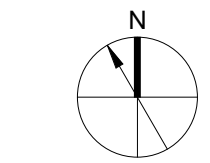
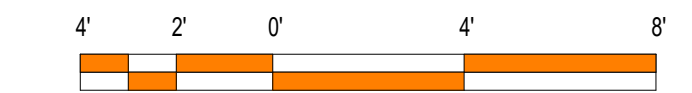
LOT COVERAGE PLAN **2**
3/32" = 1'-0" A120

2960 SF BUILT AREA
SITE=6932 SF
+29.8% LOT COVERAGE



ARCHITECTURAL SITE PLAN **1**
1/8" = 1'-0" A120

SITE NOTES
 1. NATURAL GRADE REMAINS UNCHANGED. SEE CIVIL DRAWINGS
 2. GRADE REFERENCES PROVIDED BY CIVIL ENGINEER
 3. MECH EQUIPMENT IS LESS THAN 48" AND DOES NOT REQUIRE SCREENING
 4. FINISH GRADE AROUND THE STRUCTURE/ADDITION SHALL SLOPE AWAY FROM THE FOUNDATION A MINIMUM OF 5% (2% FOR IMPERVIOUS SURFACES) FOR A MINIMUM DISTANCE OF 10 FEET



#	DESCRIPTION	DATE

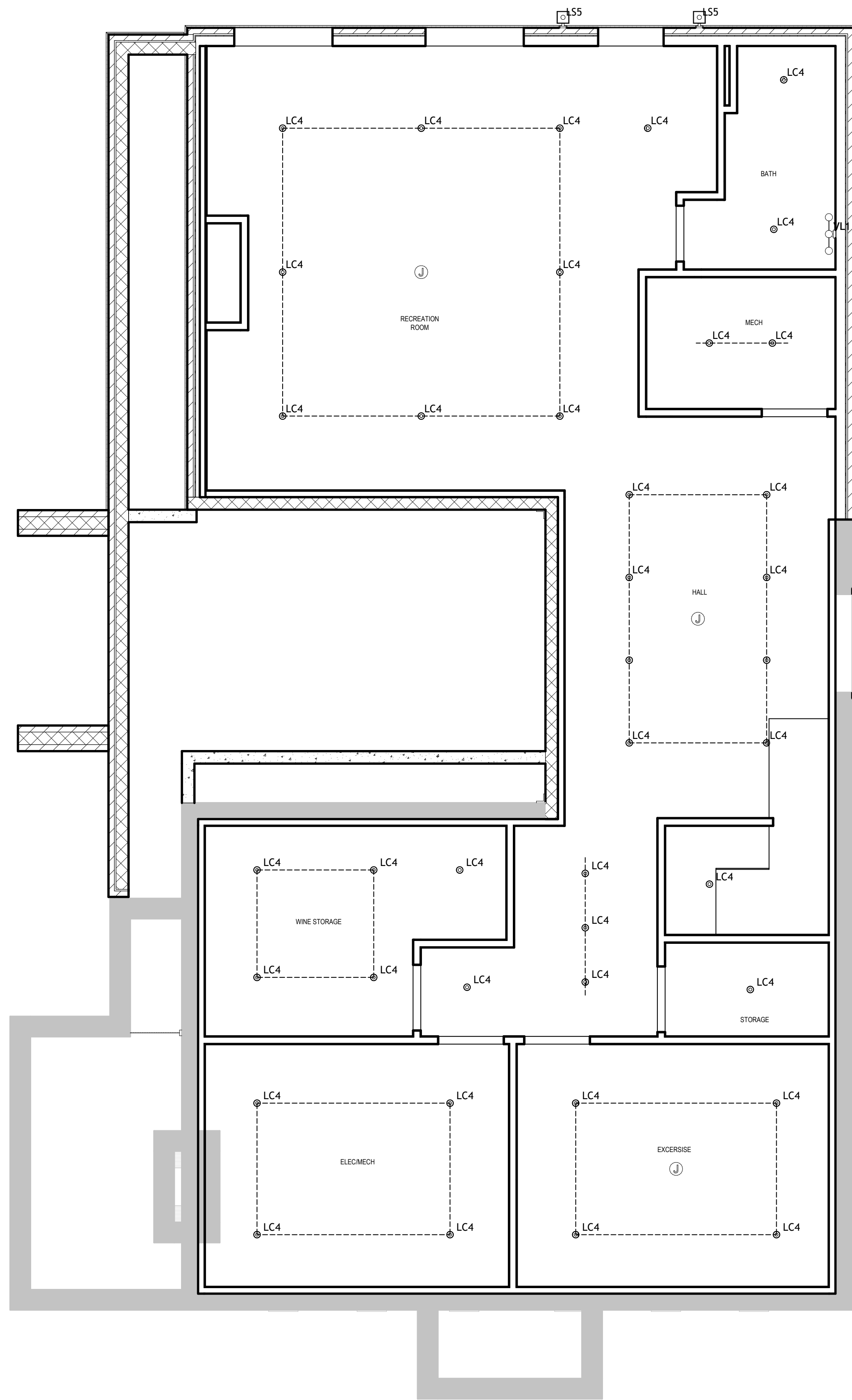
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PROJECT NAME AND ADDRESS
UCKERT RESIDENCE
 3421 21st AVE N
 ARLINGTON, VA 22207

OWNER
COLIN UCKERT

SHEET TITLE
ARCHITECTURAL SITE PLAN

SHEET NUMBER
A120
 11/17/21
 SCHEMATIC DESIGN



RCP NOTES

- 1) ALL BULBS TO BE LED 2700K TEMPERATURE
- 2) CONTRACTOR TO SUBMIT ALL FIXTURES FOR APPROVAL PRIOR TO PURCHASE
- 3) USB OUTLETS TO BE DUPLEX OUTLETS WITH TWO USB PORTS
- 4) CAN LIGHTS IN SLOPED CEILING TO BE ADJUSTIBLE ANGLE AND AIR SEALED. PROVIDE INSULATED COVER OVER LIGHT TO SHIELD HEAT
- 5) CAN LIGHTS IN WET AREAS TO BE WATER TIGHT

RCP LEGEND

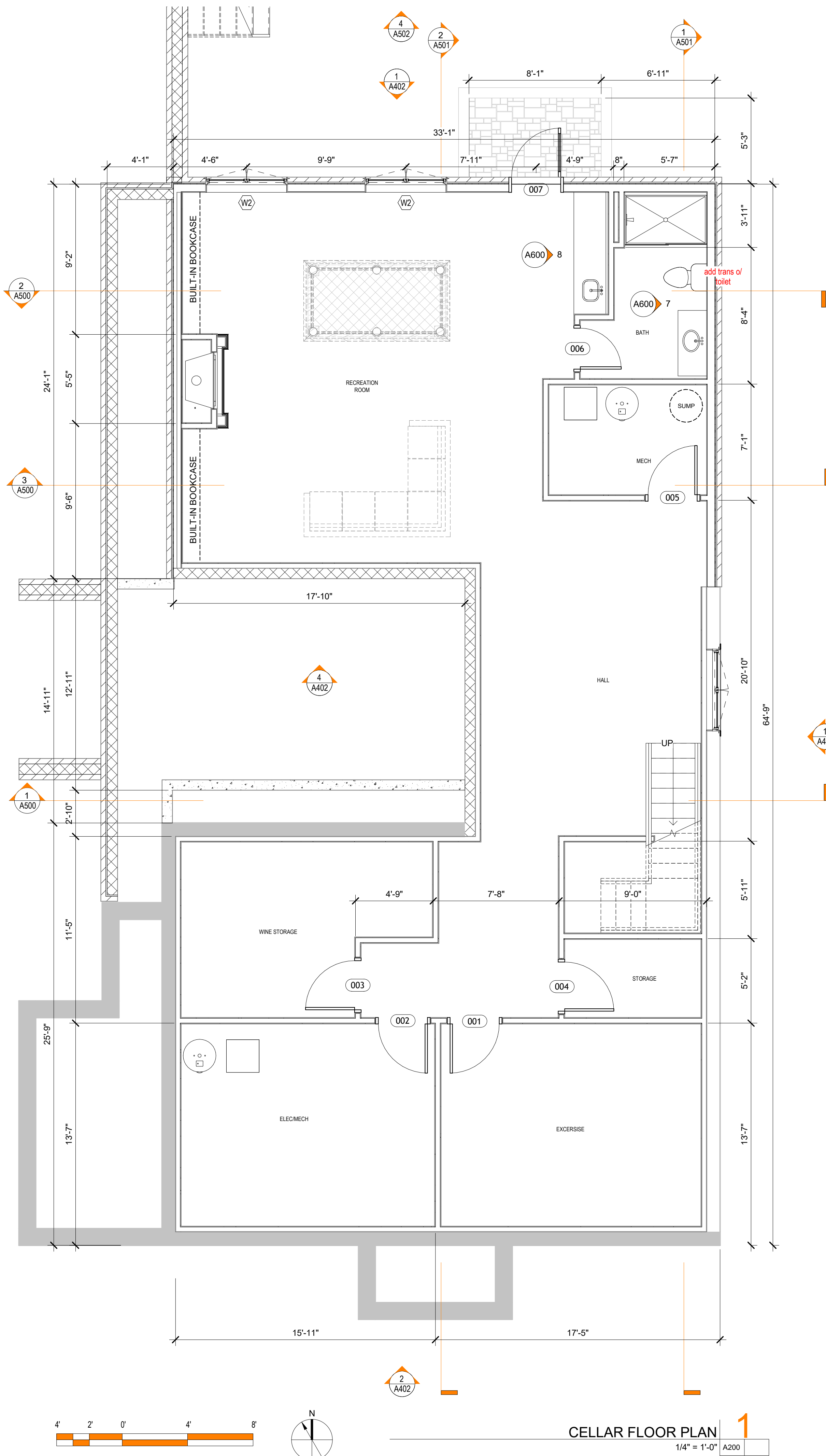
- 220V DUPLEX OUTLET @ 1'-6"
- DUPLEX OUTLET @ 1'-6"
- DUPLEX OUTLET @ 4'-0"
- GFCI OUTLET @ 4'-0"
- SWITCH ON TIMER
- THREE WAY SWITCH
- FOUR WAY SWITCH
- JAMB SWITCH
- SINGLE POLE SWITCH
- DIMMER SWITCH
- JUNCTION BOX
- FANLIGHT COMBO
- RECESSED CAN LIGHT
- SEMI FLUSH WALL MOUNTED LIGHT

LIGHTING FIXTURE SCHEDULE

MARK	DESCRIPTION
LC4	4" LOW PROFILE LED RECESSED LIGHT
LS5	EXTERIOR 24" WALL SCENCE
PD1	EDISON PENDANT LIGHT
VL1	WALL SCENCE - BATH VANITY TRIPLE HEAD

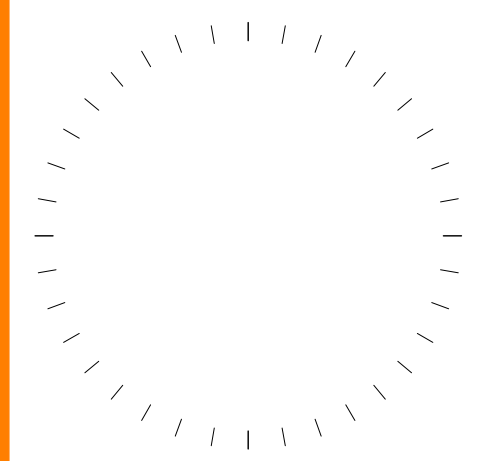
CELLAR REFLECTED CEILING PLAN **2**

1/4" = 1'-0" A200



CELLAR FLOOR PLAN **1**

1/4" = 1'-0" A200



#	DESCRIPTION	DATE

PROJECT NAME AND ADDRESS
UCKERT RESIDENCE
 3421 21st AVE N
 ARLINGTON, VA 22207

OWNER
COLIN UCKERT

SHEET TITLE
BASEMENT FLOOR PLAN

SHEET NUMBER

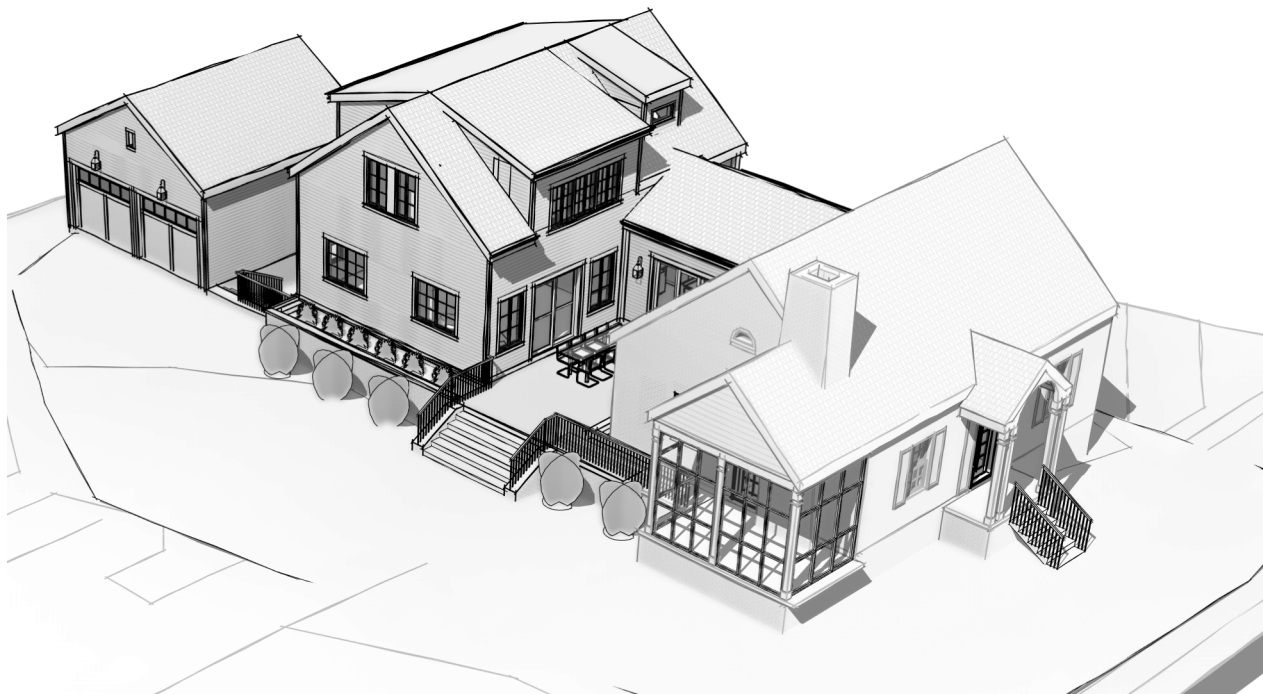
A200
 11/17/21
 SCHEMATIC DESIGN



1 FRONT CORNER



2 REAR YARD



3 OVERHEAD- 2 STORY



4 STREET VIEW

3421 21st AVE N
ARLINGTON, VA 22207

UCKERT RESIDENCE

12/1/21

SCALE:

LEEDESIGN.STUDIO

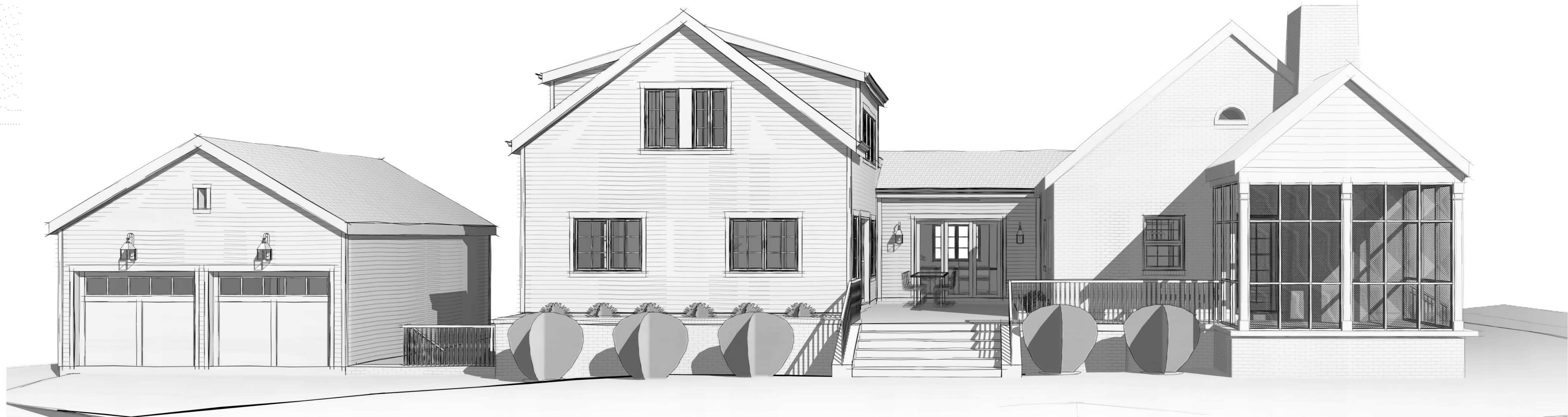
6818 JACKSON AVE
FALLS CHURCH, VA 22042

404.375.0733

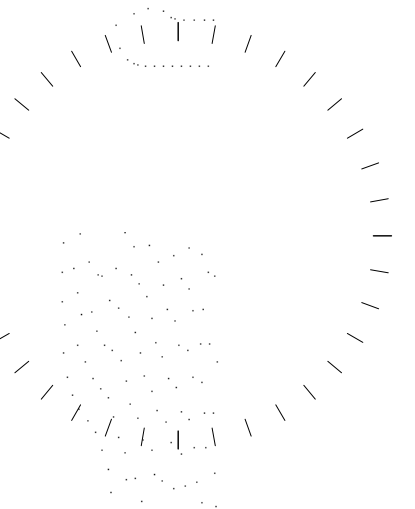
MATT@LEEDESIGN.STUDIO



3D View 1 **1**
A700



3D View 2 **2**
A700



#	DESCRIPTION	DATE

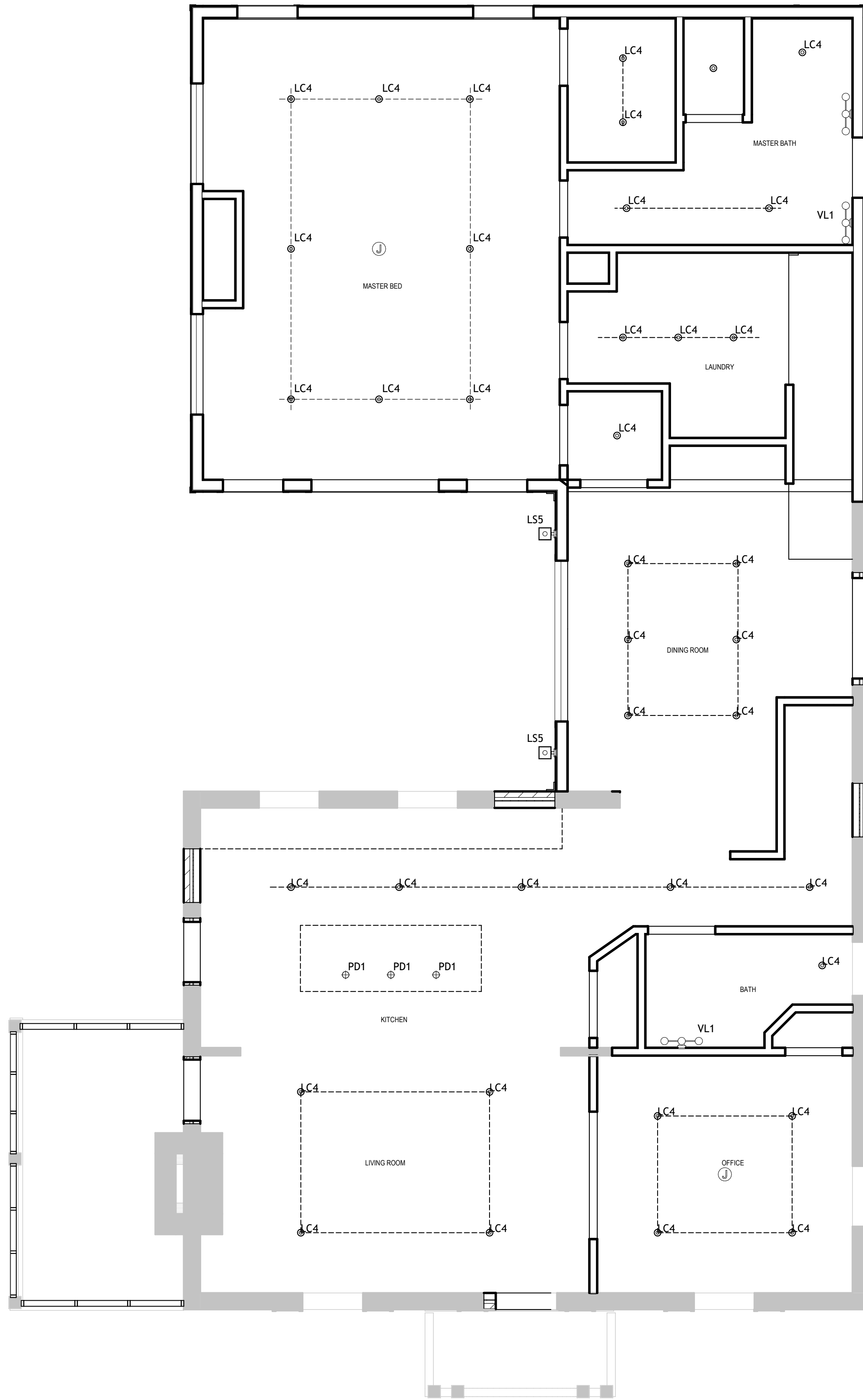
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PROJECT NAME AND ADDRESS
UCKERT RESIDENCE
3421 21st AVE N
ARLINGTON, VA 22207

OWNER
COLIN UCKERT

SHEET TITLE
PERSPECTIVES

SHEET NUMBER
A700
11/17/21
SCHEMATIC DESIGN



LEVEL 1
1/4" = 1'-0" A201

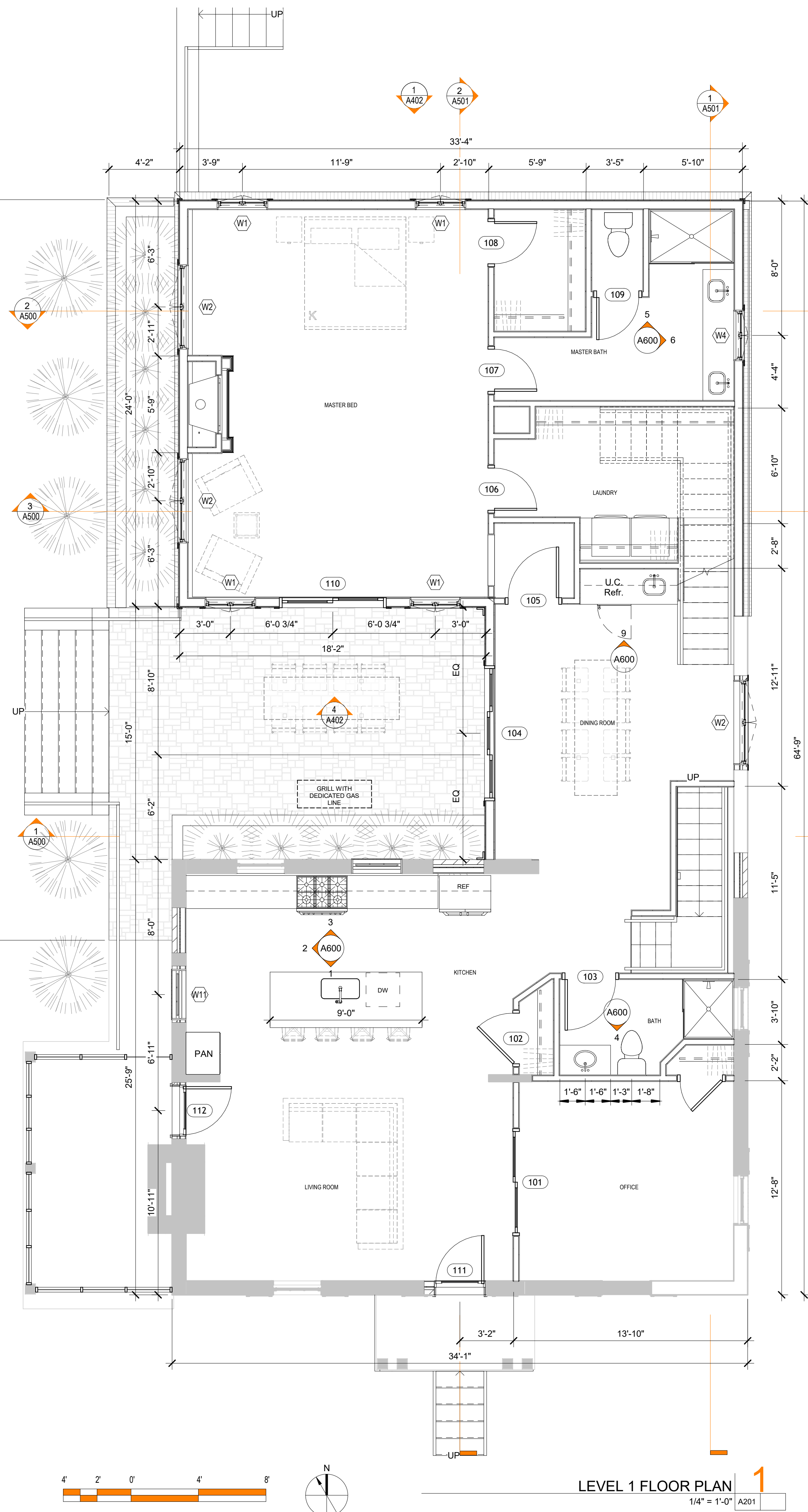
RCP NOTES

- 1) ALL BULBS TO BE LED 2700K TEMPERATURE
- 2) CONTRACTOR TO SUBMIT ALL FIXTURES FOR APPROVAL PRIOR TO PURCHASE
- 3) USB OUTLETS TO BE DUPLEX OUTLETS WITH TWO USB PORTS
- 4) CAN LIGHTS IN SLOPED CEILING TO BE ADJUSTIBLE ANGLE AND AIR SEALED. PROVIDE INSULATED COVER OVER LIGHT TO SHIELD HEAT
- 5) CAN LIGHTS IN WET AREAS TO BE WATER TIGHT

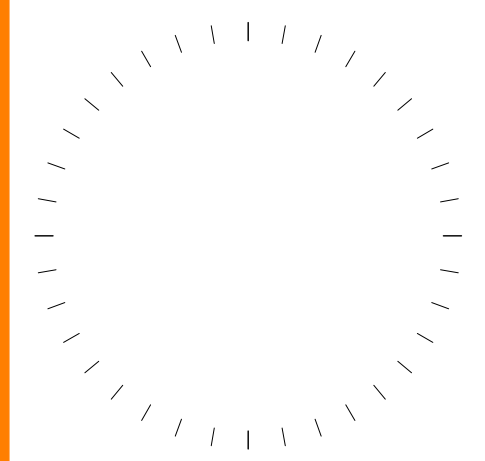
RCP LEGEND

- 220V DUPLEX OUTLET @ 1'-6"
- DUPLEX OUTLET @ 1'-6"
- DUPLEX OUTLET @ 4'-0"
- GFCI OUTLET @ 4'-0"
- SWITCH ON TIMER
- THREE WAY SWITCH
- FOUR WAY SWITCH
- JAMB SWITCH
- SINGLE POLE SWITCH
- DIMMER SWITCH
- JUNCTION BOX
- FANLIGHT COMBO
- RECESSED CAN LIGHT
- SEMI FLUSH WALL MOUNTED LIGHT

LIGHTING FIXTURE SCHEDULE	
MARK	DESCRIPTION
LC4	4" LOW PROFILE LED RECESSED LIGHT
LS5	EXTERIOR 24" WALL SCONCE
PD1	EDISON PENDANT LIGHT
VL1	WALL SCONCE - BATH VANITY TRIPLE HEAD



LEVEL 1 FLOOR PLAN
1/4" = 1'-0" A201



#	DESCRIPTION	DATE

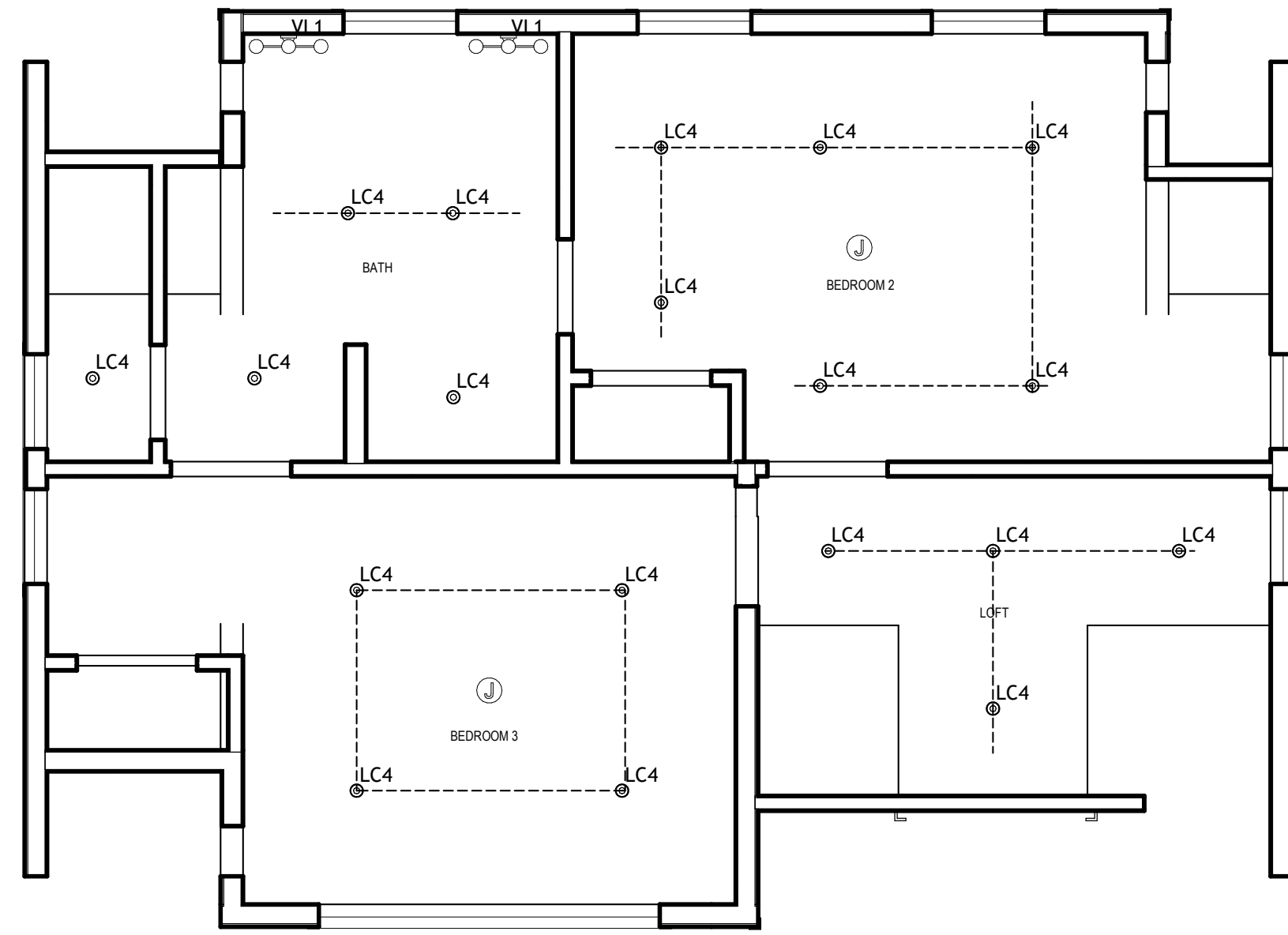
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PROJECT NAME AND ADDRESS
UCKERT RESIDENCE
3421 21st AVE N
ARLINGTON, VA 22207

OWNER
COLIN UCKERT

SHEET TITLE
FLOOR 1 PLAN

SHEET NUMBER
A201
11/17/21
SCHEMATIC DESIGN



LEVEL 2
1/4" = 1'-0" A202

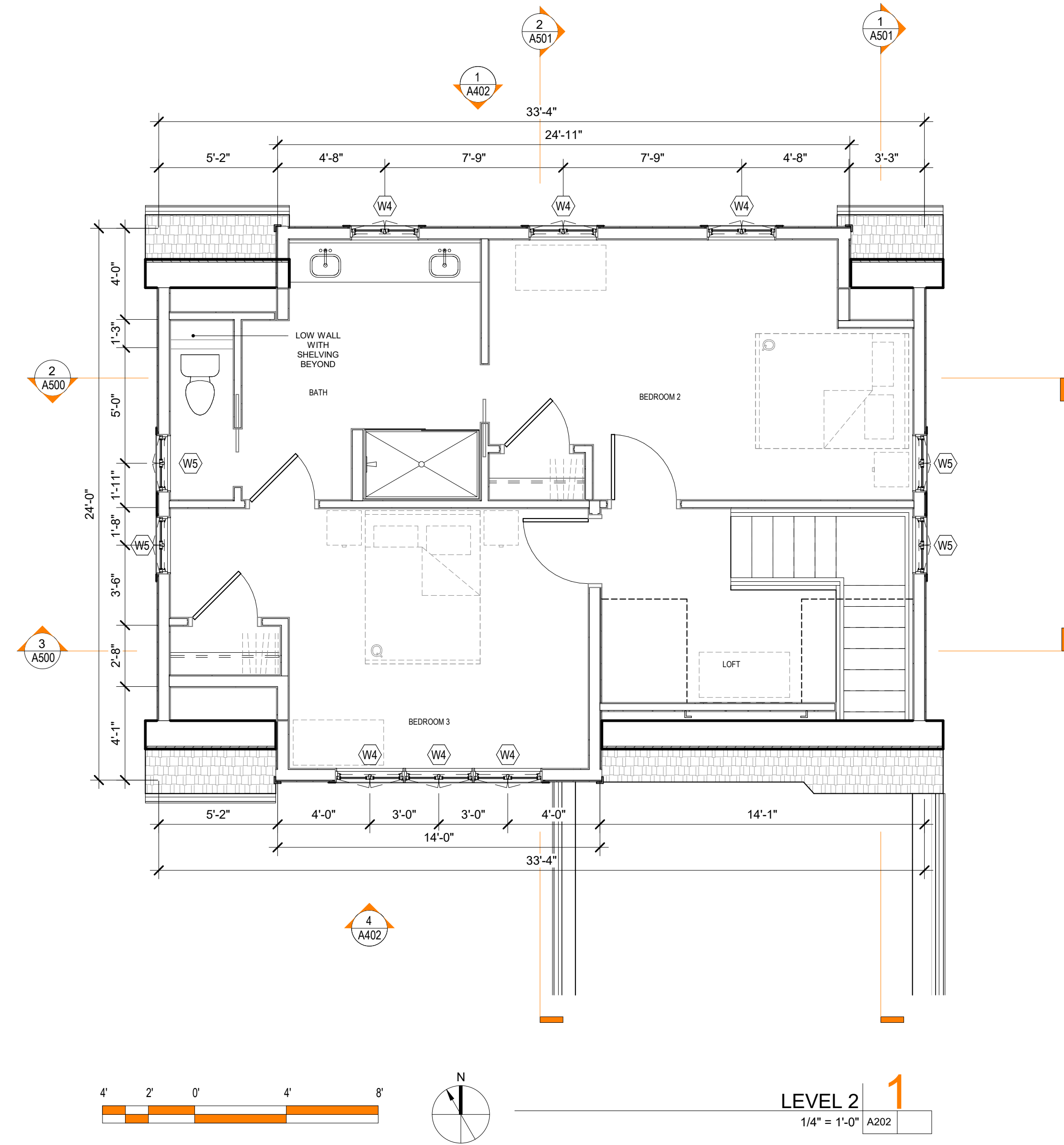
RCP NOTES

- 1) ALL BULBS TO BE LED 2700K TEMPERATURE
- 2) CONTRACTOR TO SUBMIT ALL FIXTURES FOR APPROVAL PRIOR TO PURCHASE
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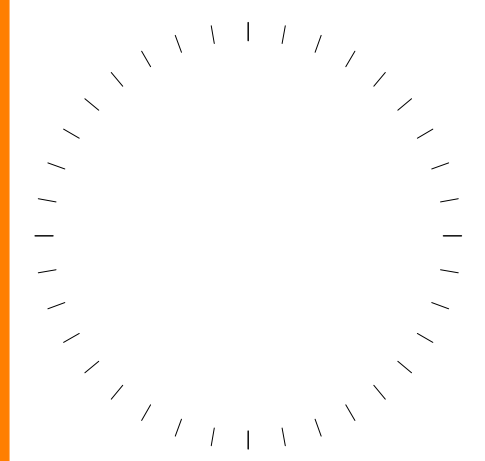
RCP LEGEND

- 220V DUPLEX OUTLET @ 1'-6"
- DUPLEX OUTLET @ 1'-6"
- DUPLEX OUTLET @ 4'-0"
- GFCI OUTLET @ 4'-0"
- SWITCH ON TIMER
- THREE WAY SWITCH
- FOUR WAY SWITCH
- JAMB SWITCH
- SINGLE POLE SWITCH
- DIMMER SWITCH
- JUNCTION BOX
- FANLIGHT COMBO
- RECESSED CAN LIGHT
- SEMI FLUSH WALL MOUNTED LIGHT

LIGHTING FIXTURE SCHEDULE	
MARK	DESCRIPTION
LC4	4" LOW PROFILE LED RECESSED LIGHT
LS5	EXTERIOR 24" WALL SCNCE
PD1	EDISON PENDANT LIGHT
VL1	WALL SCNCE - BATH VANITY TRIPLE HEAD



LEVEL 2
1/4" = 1'-0" A202



#	DESCRIPTION	DATE

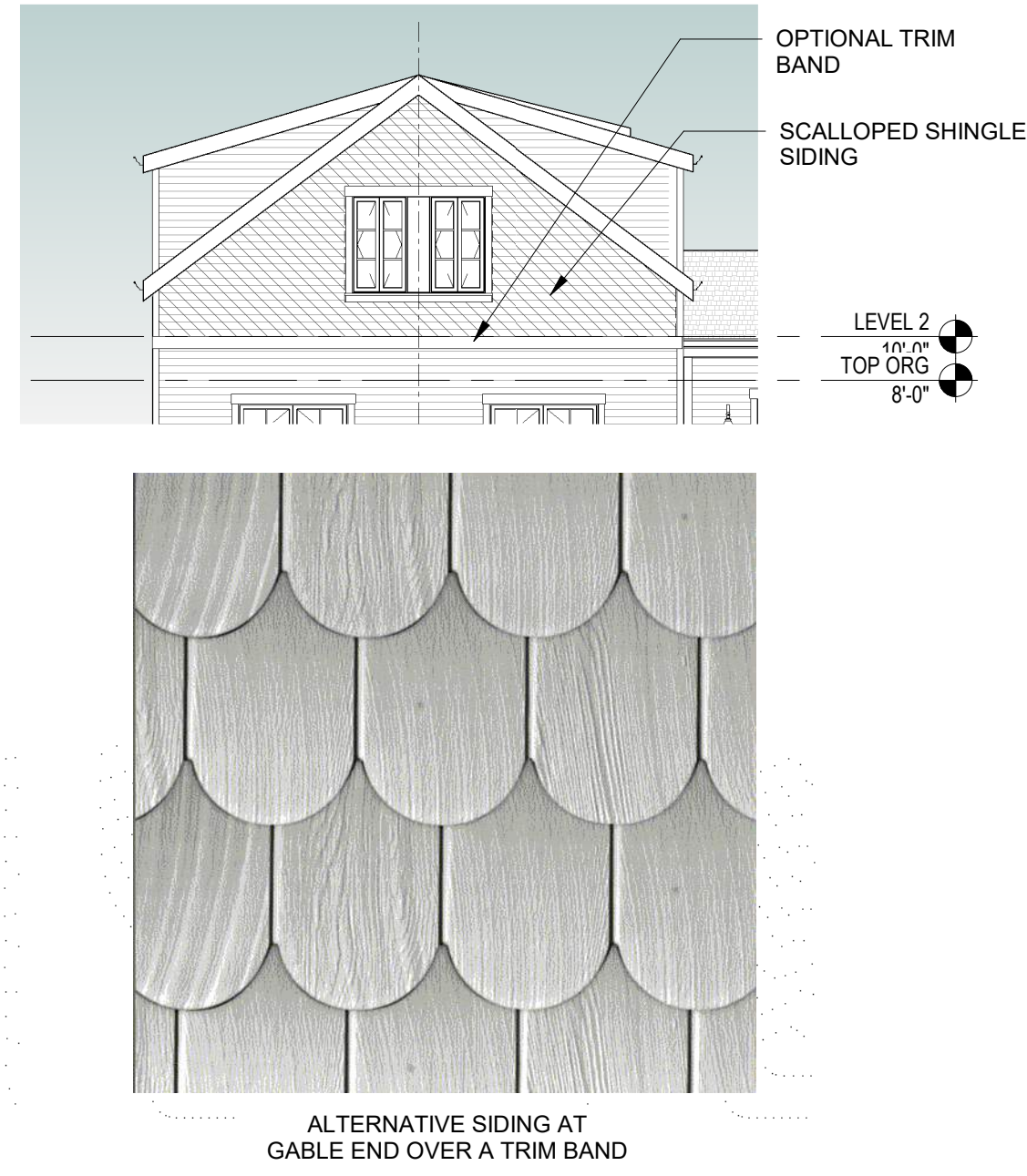
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ARLINGTON, VA 22207

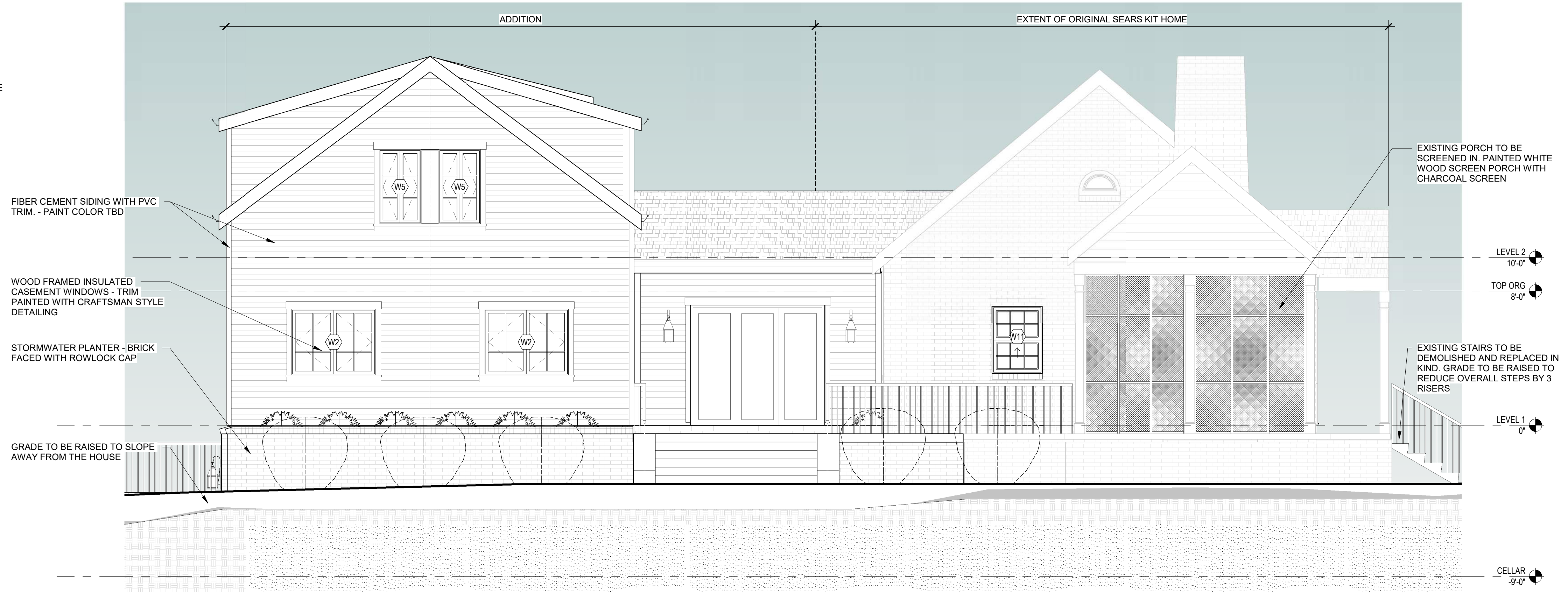
OWNER
COLIN UCKERT

SHEET TITLE
FLOOR 2 PLAN

SHEET NUMBER
A202
11/17/21
SCHEMATIC DESIGN



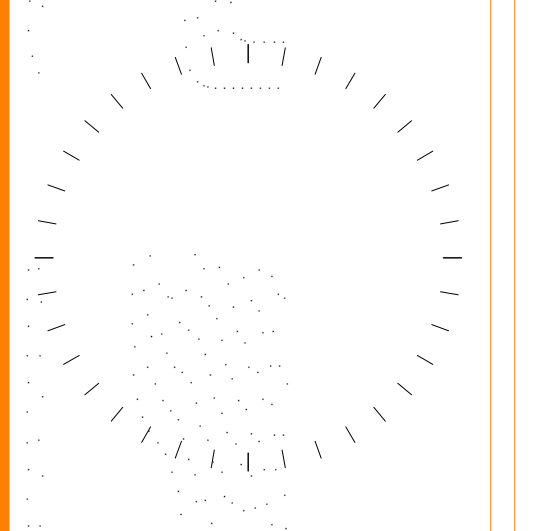
GABLE END ALT DESIGN 3
1/8" = 1'-0" A401



WEST ELEVATION 2
1/4" = 1'-0" A401



EAST ELEVATION 1
1/4" = 1'-0" A401



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PROJECT NAME AND ADDRESS
UCKERT RESIDENCE
3421 21st AVE N
ARLINGTON, VA 22207

OWNER
COLIN UCKERT

SHEET TITLE
ELEVATIONS

SHEET NUMBER
A401

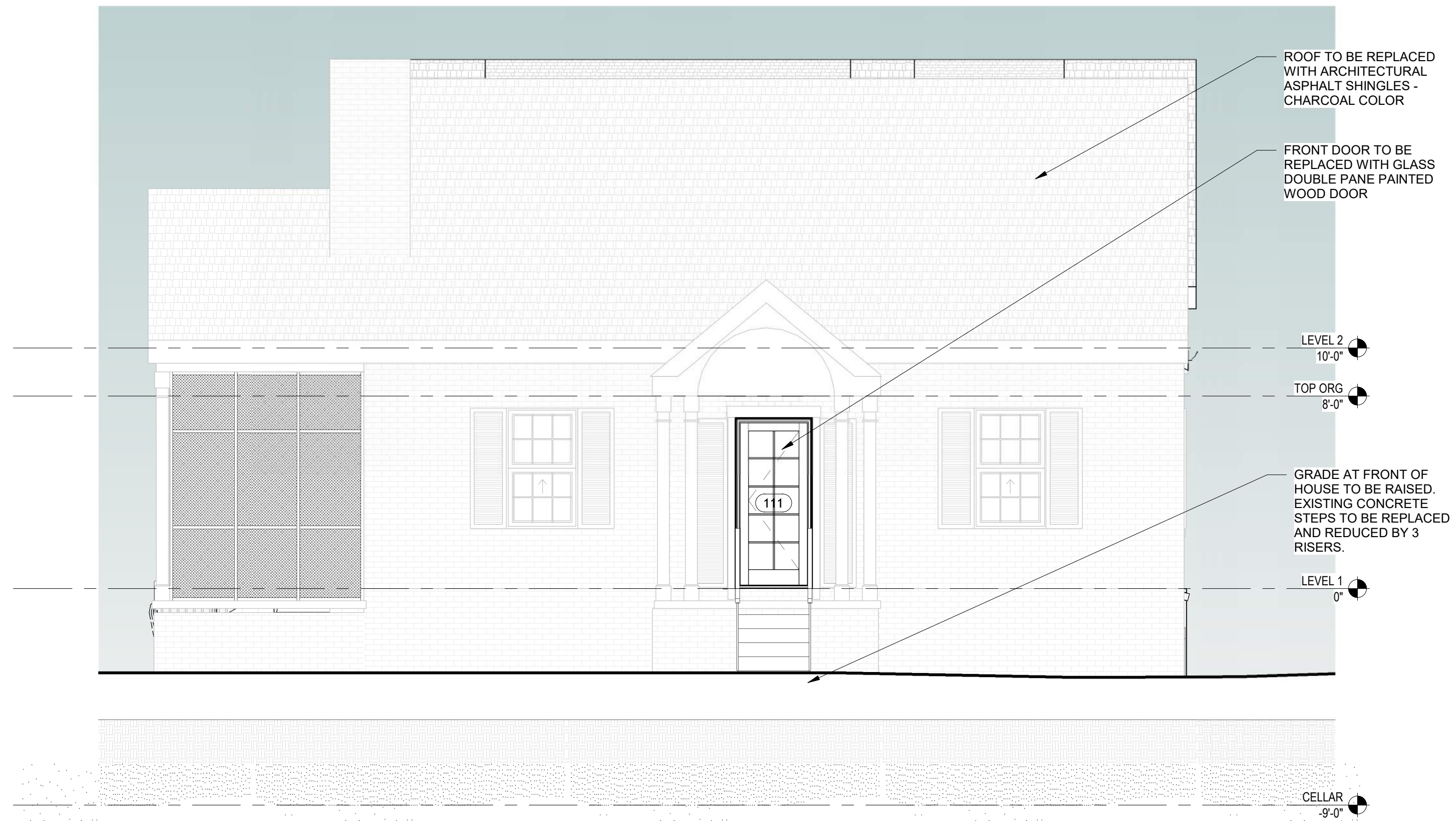
11/17/21
SCHEMATIC DESIGN



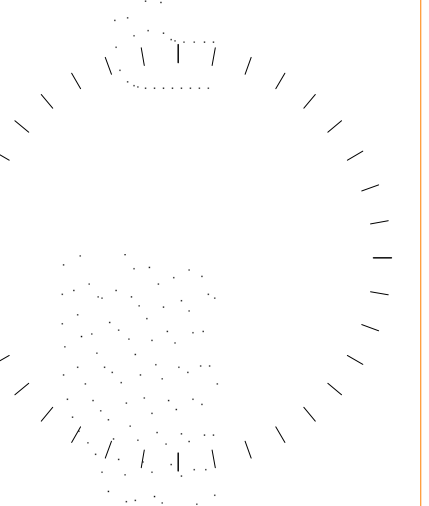
COURTYARD 1 **4**
1/4" = 1'-0" A402



REAR ELEVATION **1**
1/4" = 1'-0" A402 A200



FRONT ELEVATION **2**
1/4" = 1'-0" A402 A200



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ARLINGTON, VA 22207

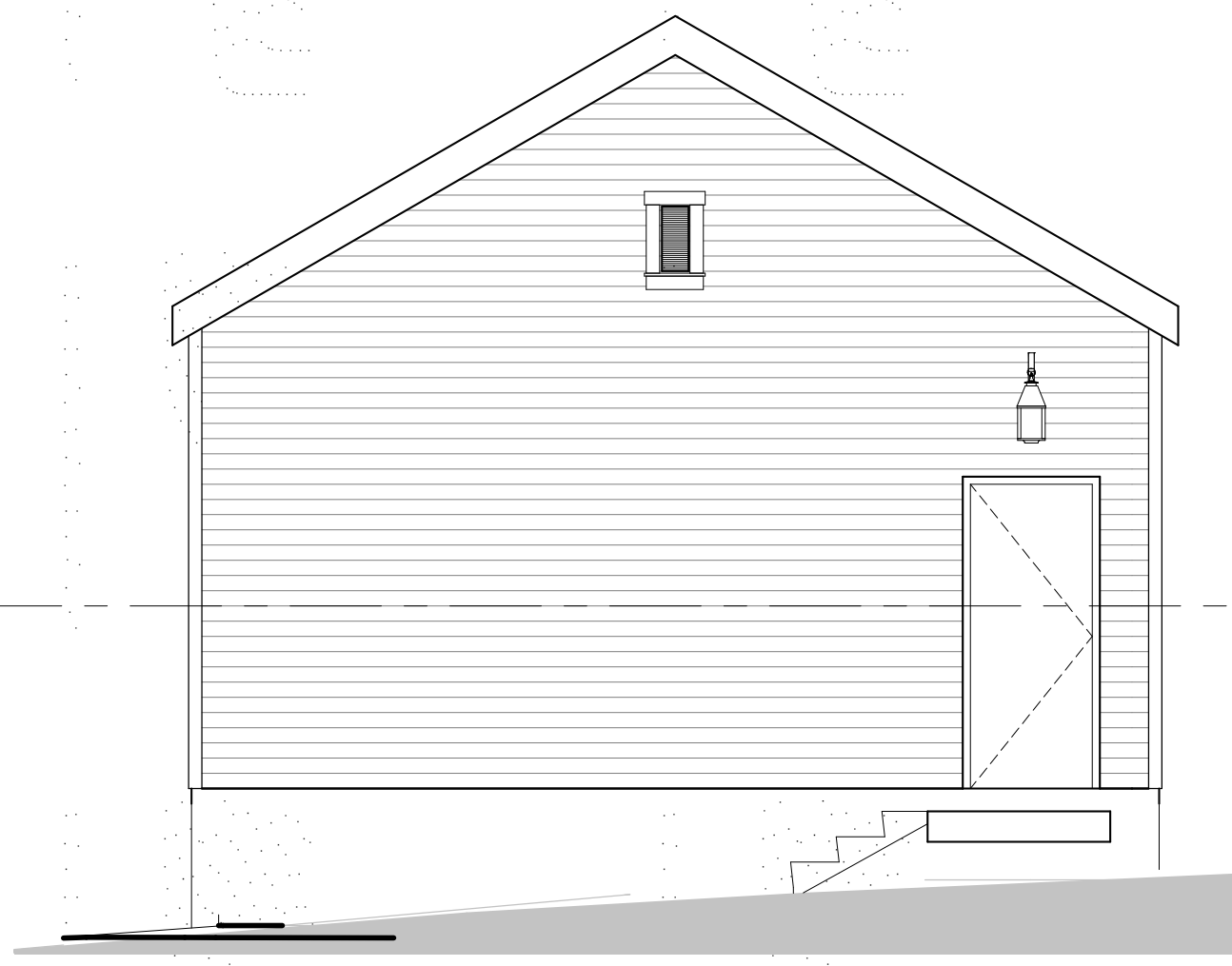
OWNER
COLIN UCKERT

SHEET TITLE
ELEVATIONS

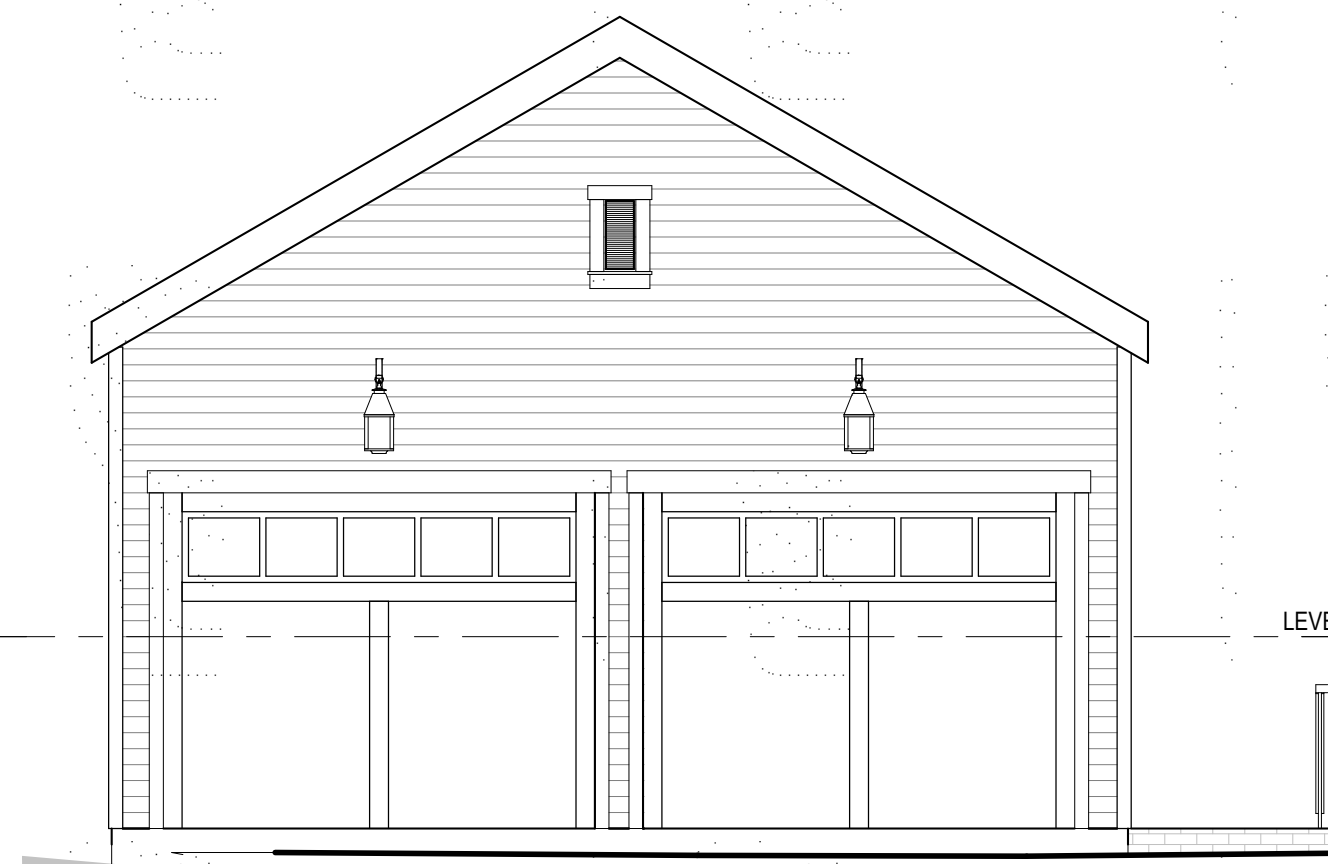
SHEET NUMBER

A402

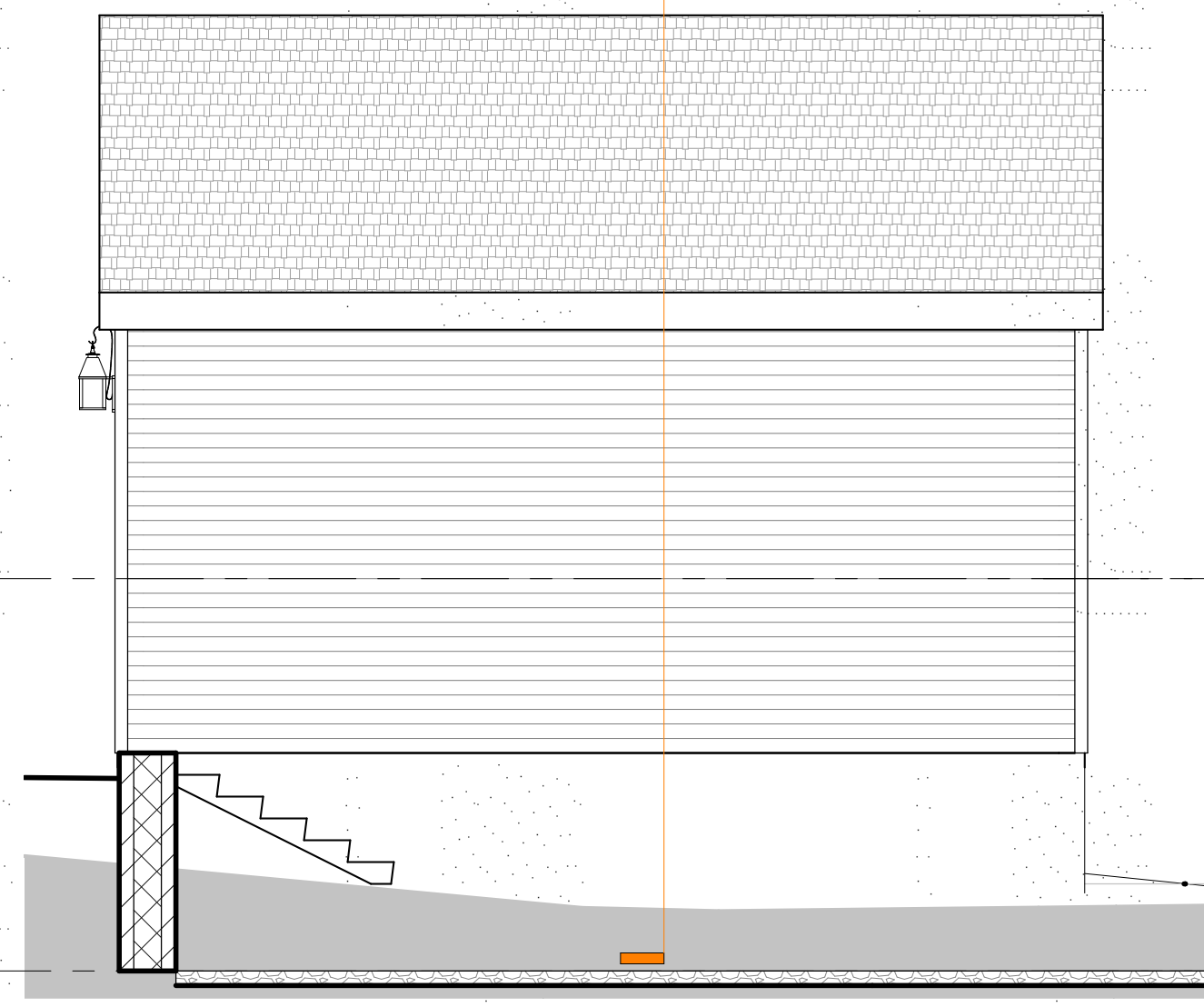
11/17/21
SCHEMATIC DESIGN



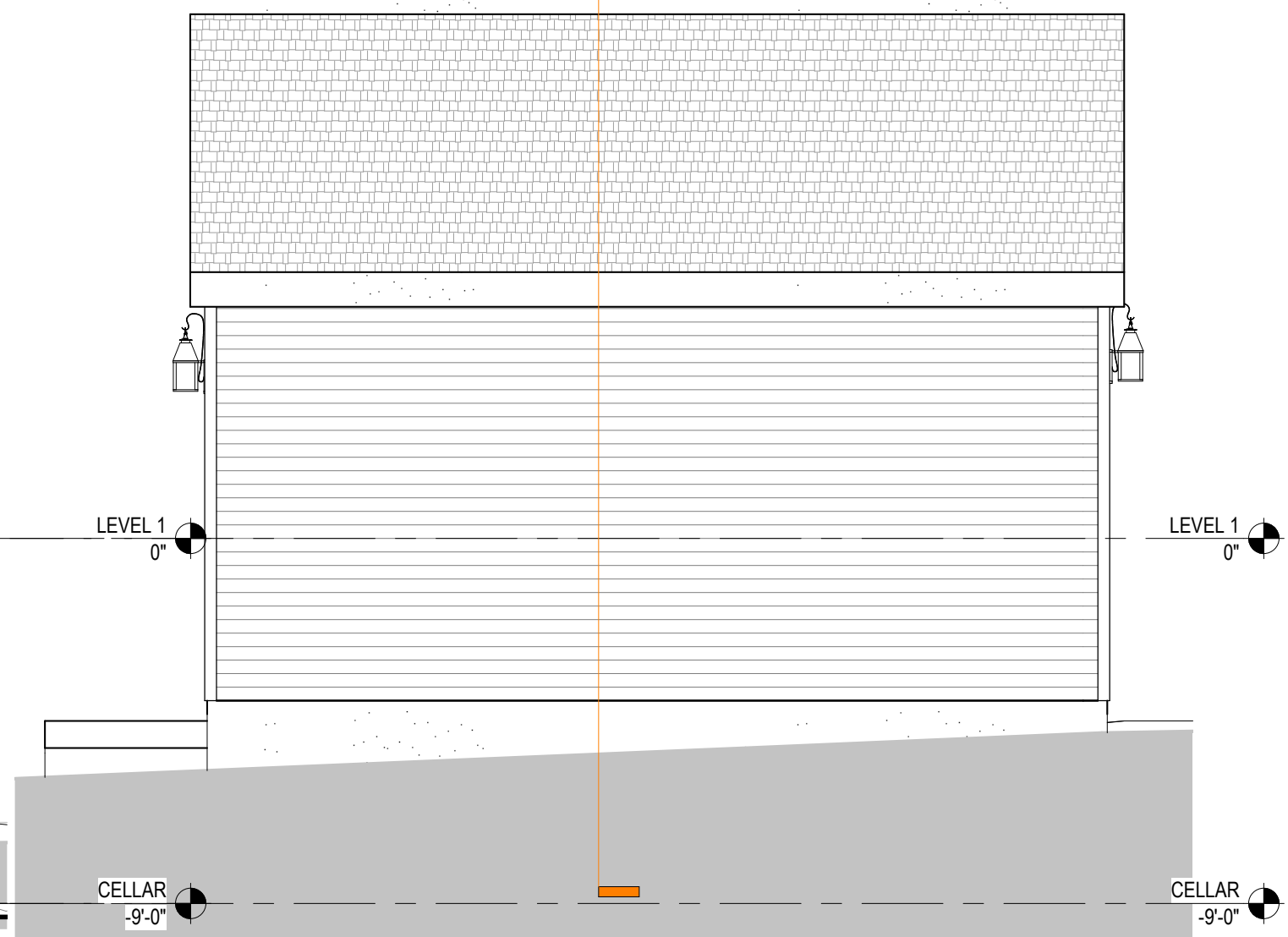
GARAGE EAST 6
1/4" = 1'-0" A502



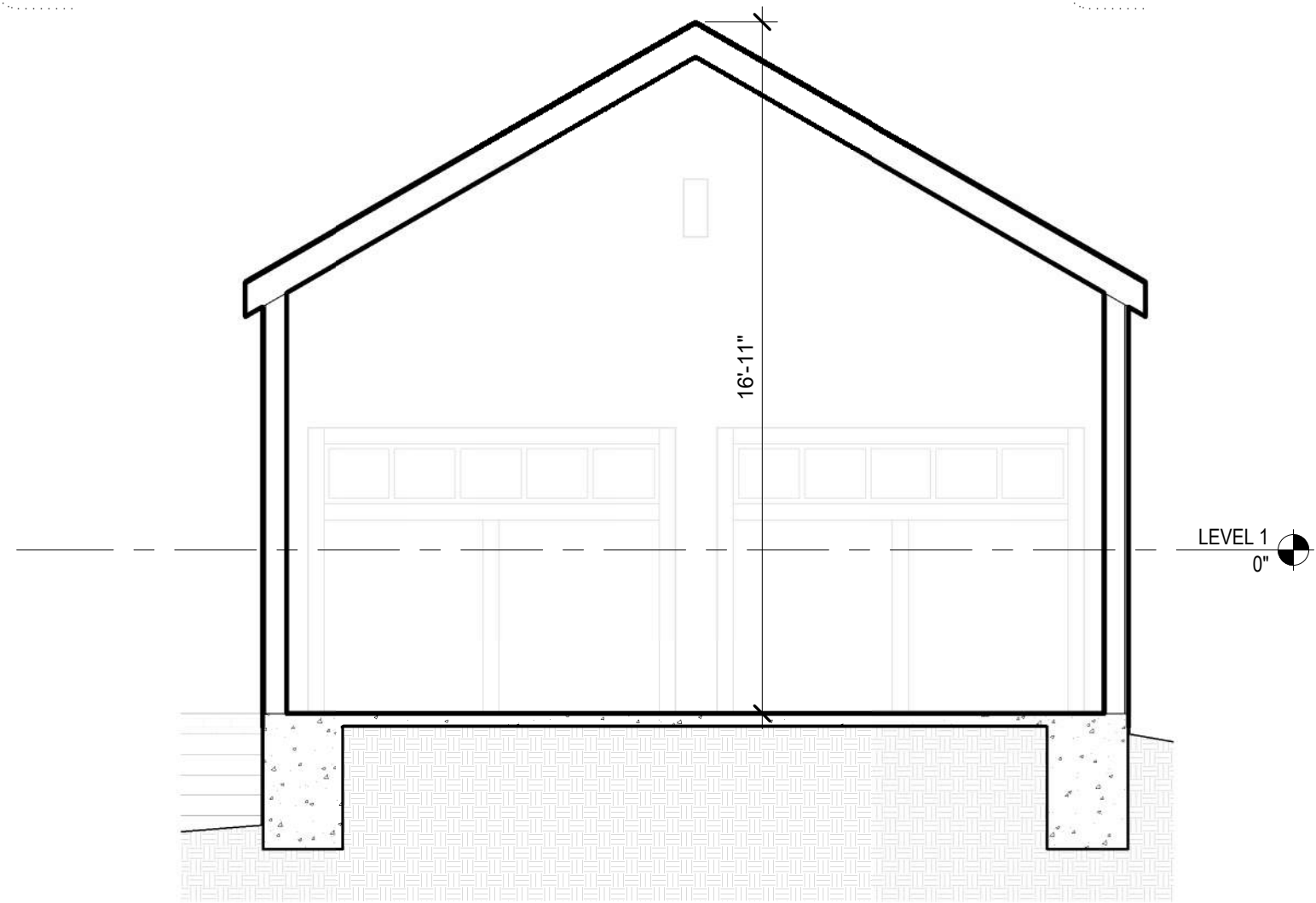
GARAGE WEST 5
1/4" = 1'-0" A502



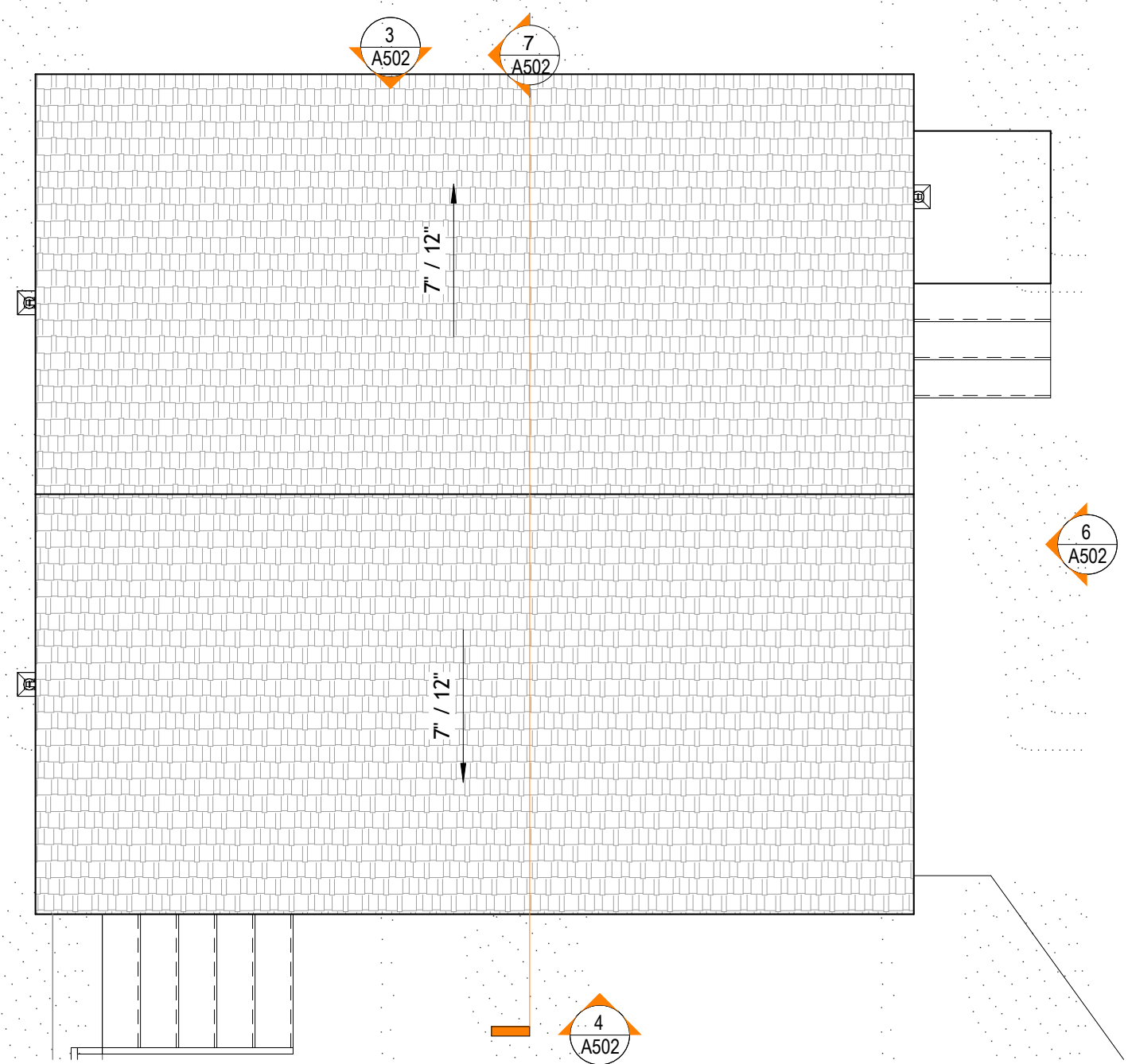
GARAGE SOUTH 4
1/4" = 1'-0" A502



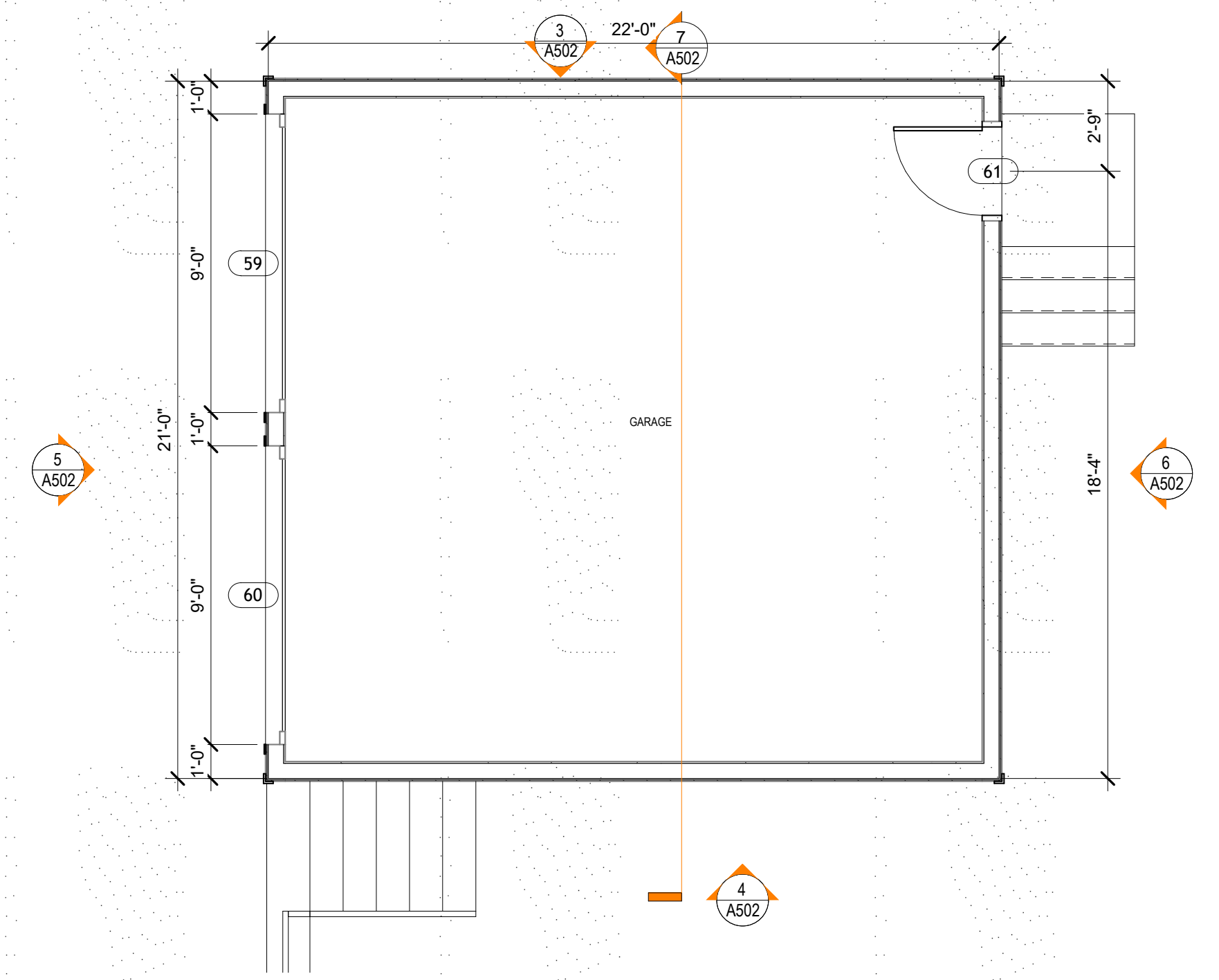
GARAGE NORTH 3
1/4" = 1'-0" A502



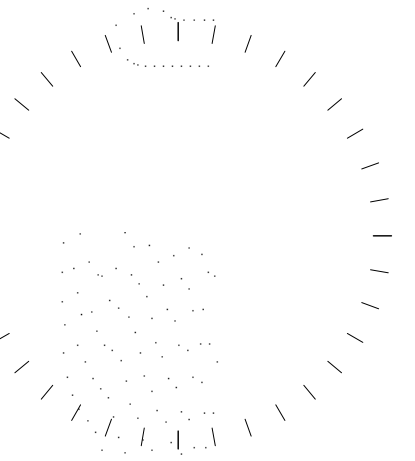
GARAGE 1 7
1/4" = 1'-0" A502



GARAGE ROOF PLAN 1
1/4" = 1'-0" A502



LEVEL 1 GARAGE FLOOR PLAN 2
1/4" = 1'-0" A502



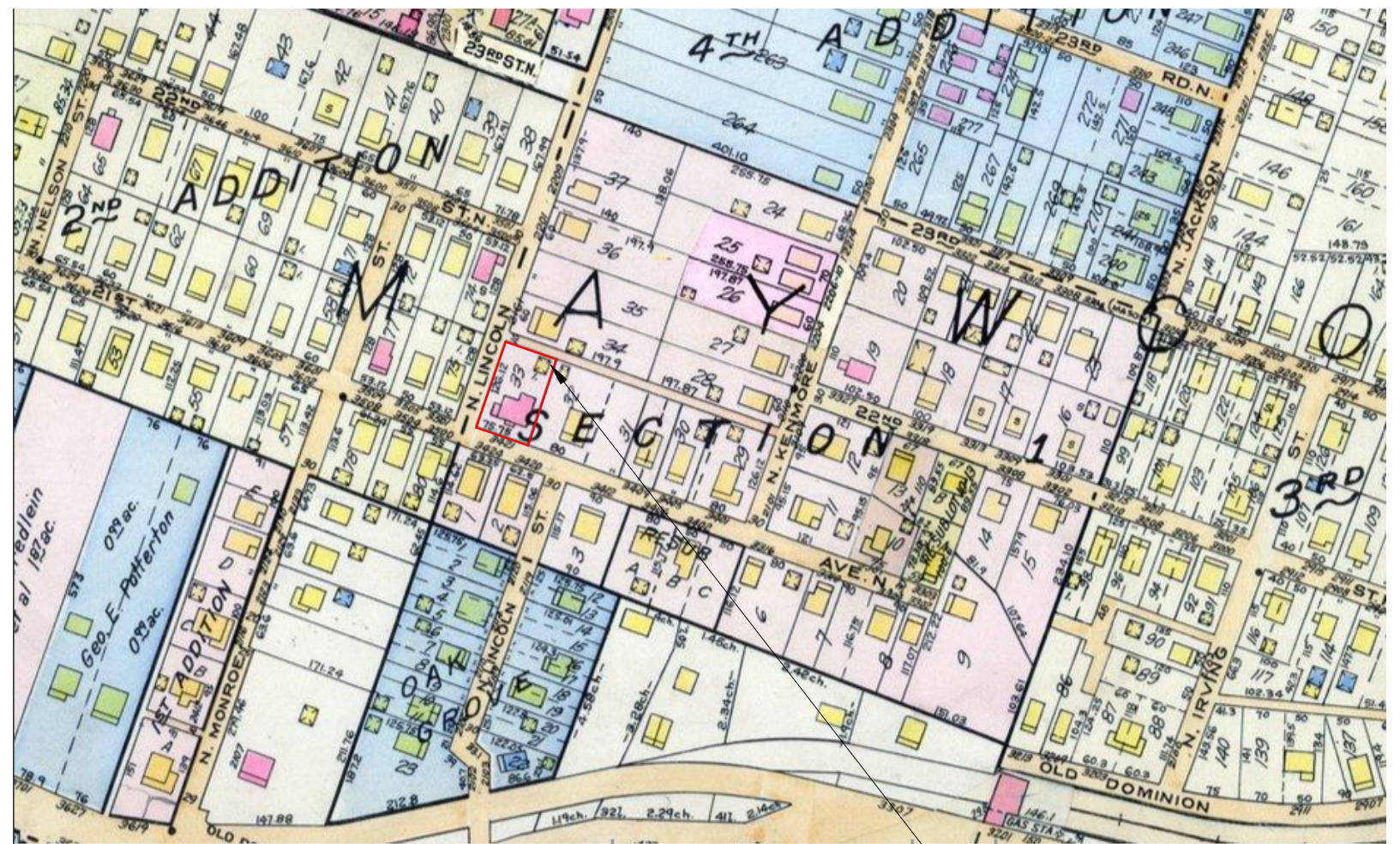
#	DESCRIPTION	DATE

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ARCHITECTS AND ENGINEERS OF LEE DESIGN STUDIOS, LLC.

PROJECT NAME AND ADDRESS
UCKERT RESIDENCE
3421 21st AVE N
ARLINGTON, VA 22207
OWNER
COLIN UCKERT

SHEET TITLE
GARAGE PLANS & ELEVATIONS

SHEET NUMBER
A502
11/17/21
SCHEMATIC DESIGN



SUBJECT PROPERTY -
DETACHED TWO-CAR GARAGE
SHOWN



3421 21st AVE N
ARLINGTON, VA 22207

UCKERT RESIDENCE

11/30/21

SCALE:

LEEDESIGN.STUDIO

6818 JACKSON AVE
FALLS CHURCH, VA 22042

404.375.0733

MATT@LEEDESIGN.STUDIO