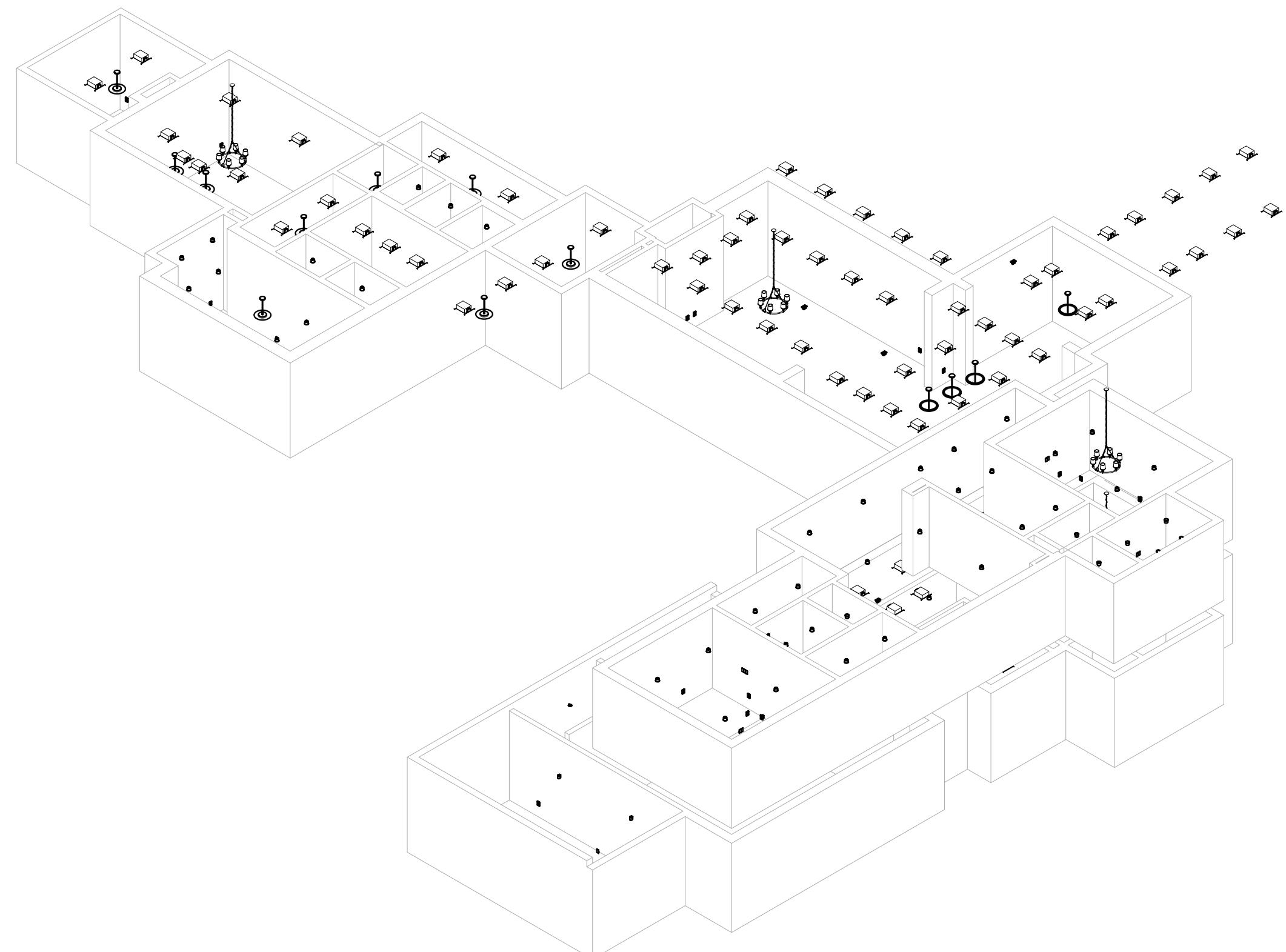
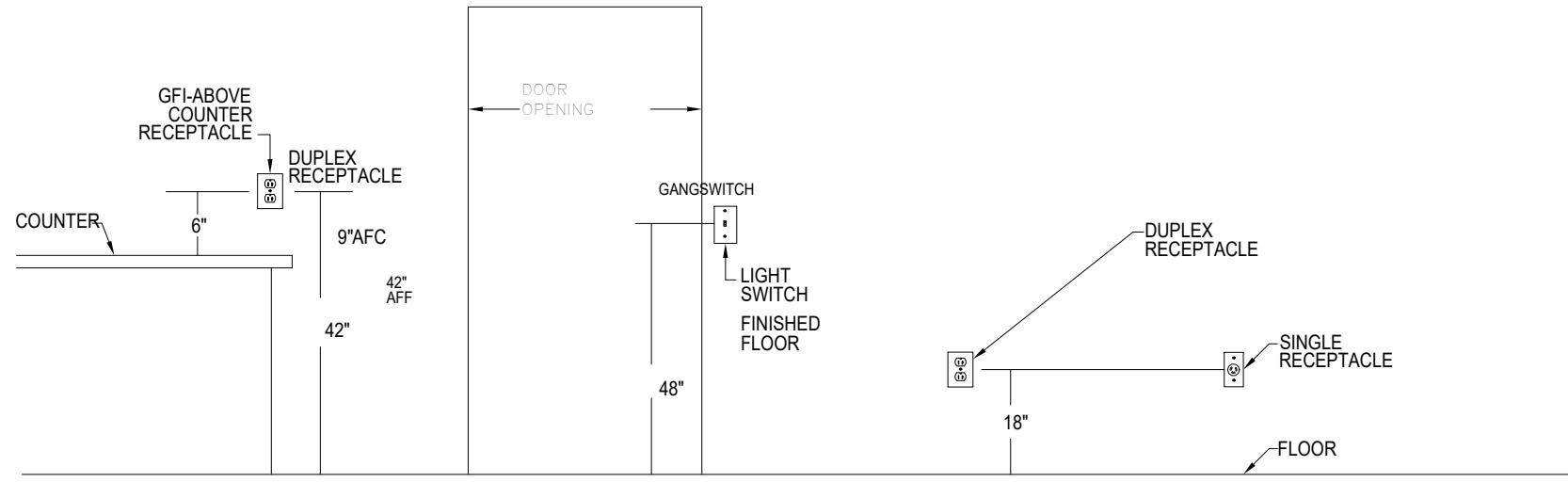


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NOTE:
HYDROSTATIC SYSTEM AS WELL AS AIR BALANCE OF SYSTEMS IS REQUIRED. DELIVER TESTING
AND BALANCE REPORTS TO ENGINEER FOR REVIEW PRIOR TO PROJECT COMPLETION.
THIS PROJECT WILL REQUIRE COMMISSIONING TO ENSURE THE DESIGNED SYSTEMS ARE
OPERATING THE WAY THE ENGINEERS, DESIGNERS AND OWNER INTEND.

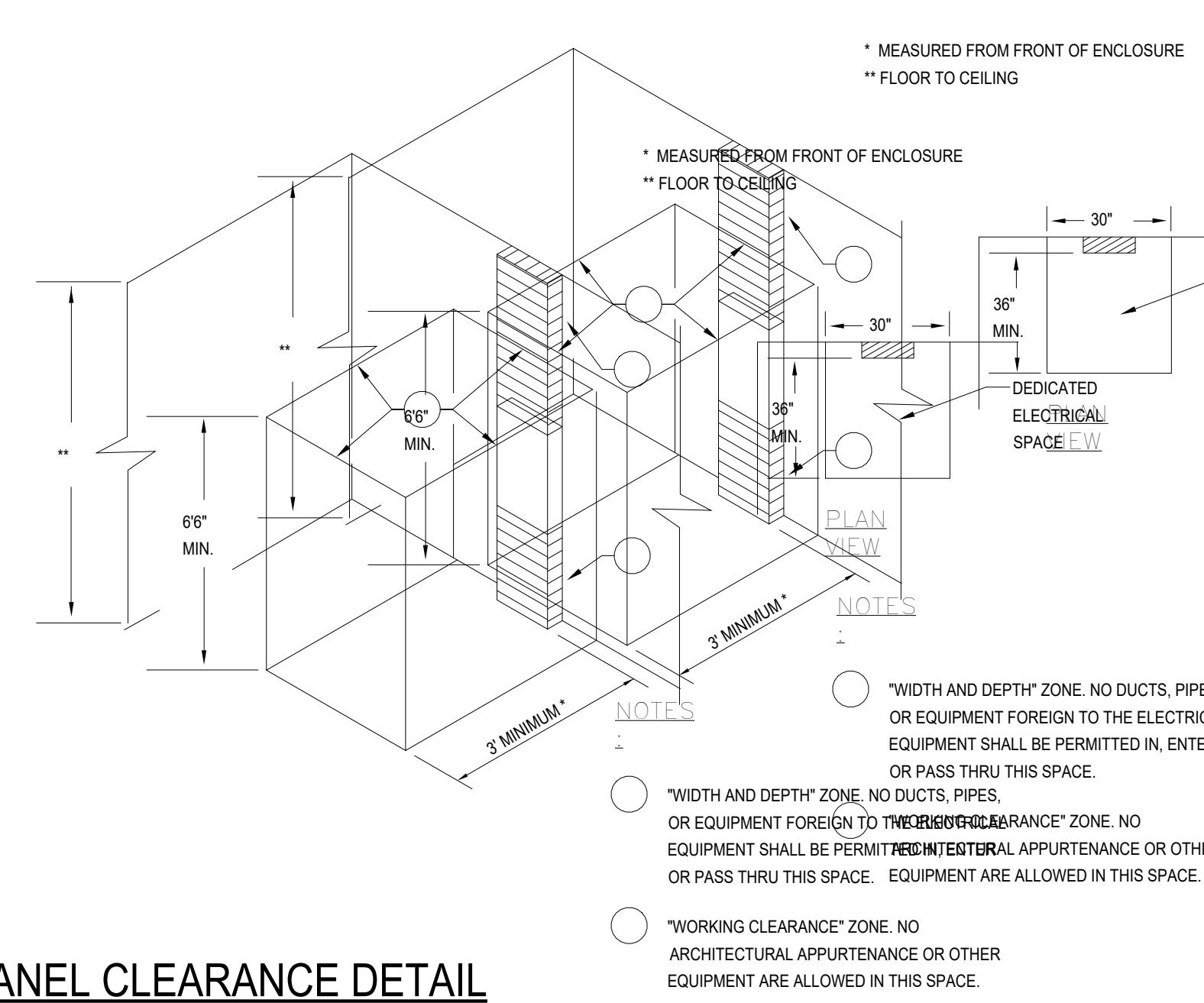
ROBISON RESIDENCE

CRESTED BUTTE, CO

Axiom Engineering Group #: 24-024
Project Manager JM

ELECTRICAL FIXTURE SCHEDULE				
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS
□	FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 10° BEAM	MFR: COPPER MOL: HU8A10FL02W-LCD10CAT TRIM: TL08-WHF	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-COLD	□ A. WET LOCATION RATED
□	5" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 10° BEAM	MFR: COPPER MOL: HU8A10FL02W-LCD10CAT TRIM: TL08-WHF	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-COLD	□ A. WET LOCATION RATED
□	5" LED ADJUSTABLE SPOTLIGHT FOR SLanted CEILINGS W/ CLEAR REFLECTOR, 10° BEAM	MFR: COPPER MOL: HU8A10FL02W-LCD10CAT TRIM: TL08-WHF	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-COLD	□ A. WET LOCATION RATED
□	5" LED ADJUSTABLE ACCENT DOWNLIGHT PINHOLE W/ BLACK COLLAR, 10° BEAM	MFR: COPPER MOL: HU8A10FL02W-LCD10CAT TRIM: TL08-WHF	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-COLD	□ A. WET LOCATION RATED
⊕	4" SURFACE MOUNTED - FIXED	MFR: HALO MOL: HUS409023LUEW	LUMENS: 1041 COLOR TEMP: 3000K	
⊕	PENDANT	CUSTOM - BY OWNER		
⊕	EXTERIOR PENDANT	REF. EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FUTURE
□	WALL SCSCNE	CUSTOM - BY OWNER		
□	EXTERIOR WALL SCSCNE	REF. EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FUTURE
□	1" x 4" LED FLAT PANEL	MFR: METALUX MOL: T4P2520C	LUMENS: 2744 COLOR TEMP: 3000K	
□	DUPLEX OUTLET	MFR: LEVITON MOL: DECORA CLUB WHITE		
□	DUPLEX OUTLET - SPLIT	MFR: LEVITON MOL: DECORA CLUB WHITE		
□	DUPLEX OUTLET - USB CHARGE	MFR: LEVITON MOL: DECORA CLUB WHITE		
□	GROUND FAULT INTERRUPTER	MFR: LEVITON MOL: DECORA CLUB WHITE		
□	RANGE RECEPTACLE	MFR: LEVITON MOL: DECORA CLUB WHITE		
□	DRYER OUTLET			
□	LEVEL 2 ELECTRIC VEHICLE CHARGER			
□	FLOOR OUTLET		BRONZE COVER PLATE	

PANEL CLEARANCE DETAIL
NTS



DRAWING INDEX

COVER SHEET / GENERAL	E1.00 ELECTRICAL COVER SHEET
ELECTRICAL	
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E2.01	LEVEL 1 LIGHTING LAYOUT OVERALL
E2.02	LEVEL 1 PRIMAR LIGHTING LAYOUT
E2.03	LEVEL 1 GREAT LIGHTING LAYOUT
E2.04	LEVEL 1 GARAGE LIGHTING LAYOUT
E3.01	LEVEL 2 LIGHTING LAYOUT
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E5.01	LEVEL 1 POWER LAYOUT OVERALL
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ELECTRICAL COVER
SHEET

E1.00



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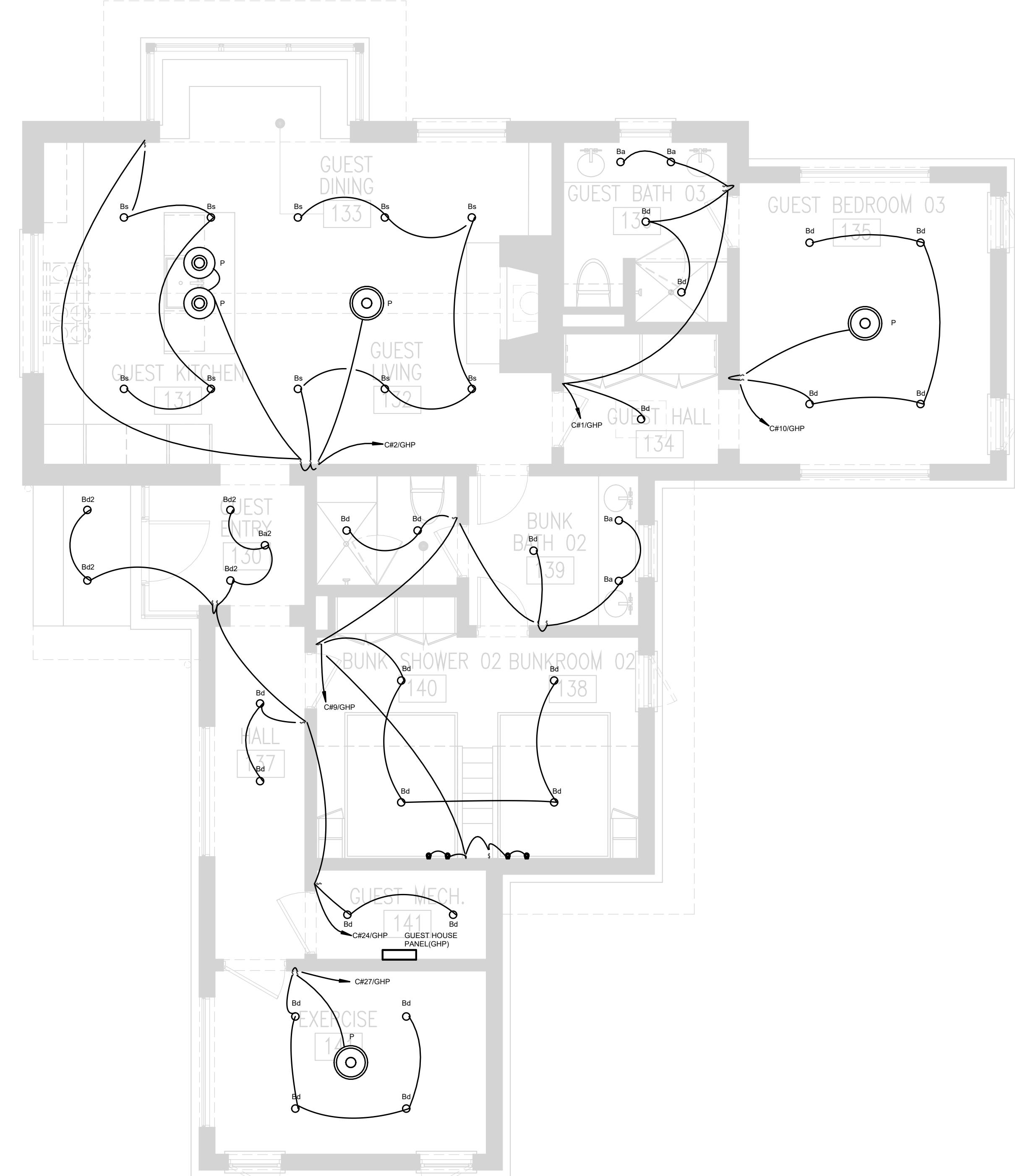
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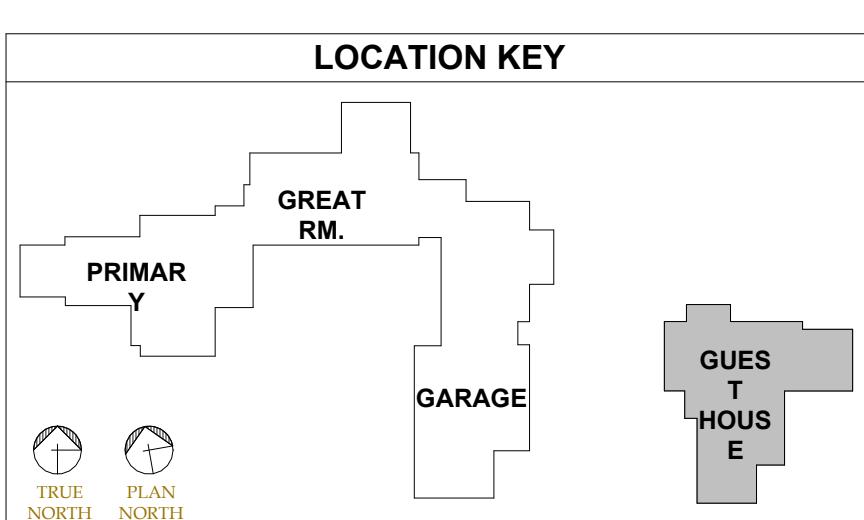
GUEST AREA LIGHTING
LAYOUT

E1.01



1 LEVEL 1 GUEST LIGHTING LAYOUT
SCALE: 1/4" = 1'-0"

ELECTRICAL FIXTURE SCHEDULE				
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS
□	3" LED ADJUSTABLE DOWNLIGHT TRIM: CLEAR REFLECTOR: 50° BEAM	MFR: COOPER MOD: HLMATMFL03W-EDT01CAT TRIM: CLEAR REFLECTOR: 50° BEAM	LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W WARM-55°CM	C & WET LOCATION RATED
□→	3" LED ADJUSTABLE DOWNLIGHT TRIM: CLEAR REFLECTOR: 50° BEAM	MFR: COOPER MOD: HLMATMFL03W-EDT01CAT TRIM: CLEAR REFLECTOR: 50° BEAM	LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W WARM-55°CM	C & WET LOCATION RATED
□→	LED ADJUSTABLE DOWNLIGHT TRIM: BLACK SCULPT, 12° BEAM REFLECTOR: 50° BEAM	MFR: COOPER MOD: HLMATMFL03W-EDT01CAT TRIM: BLACK REFLECTOR: 50° BEAM	LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W WARM-55°CM	C & WET LOCATION RATED
□→	LED ADJUSTABLE ACCENT DOWNLIGHT TRIM: BLACK SCULPT, 12° BEAM	MFR: COOPER MOD: HLMATMFL03W-EDT01CAT TRIM: BLACK REFLECTOR: 50° BEAM	LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W WARM-55°CM	C & WET LOCATION RATED
⊕	4" SURFACE MOUNTED - FIXED	MFR: HALO MOD: HBL4549S33TEMW	LUMENS: 1981 COLOR TEMP: 3000K	
⊕	PENDANT	CUSTOM - BY OWNER		
⊕	EXTERIOR PENDANT	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE
⊖	WALL SCONCE	CUSTOM - BY OWNER		
⊖	EXTERIOR WALL SCONCE	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE
□	1" x 4" LED FLAT PANEL	MFR: METALUX MOD: T4F1253CC	LUMENS: 2744 COLOR TEMP: 3000K	
⊕	DUPLEX OUTLET	MFR: LEVITON MOD: DECORA CLR: WHITE		
⊕	DUPLEX OUTLET - SPUR	MFR: LEVITON MOD: DECORA CLR: WHITE		
⊕	DUPLEX OUTLET - USB CHARGER	MFR: LEVITON MOD: DECORA CLR: WHITE		
⊕	GROUND FAULT INTERRUPTER	MFR: LEVITON MOD: DECORA CLR: WHITE		
⊕	RANGE RECEPTACLE	MFR: LEVITON MOD: DECORA CLR: WHITE		
⊕	DRYER OUTLET			
⊕	LEVEL 2 ELECTRIC VEHICLE CHARGER			
□	FLOOR OUTLET			BRONZE COVER PLATE



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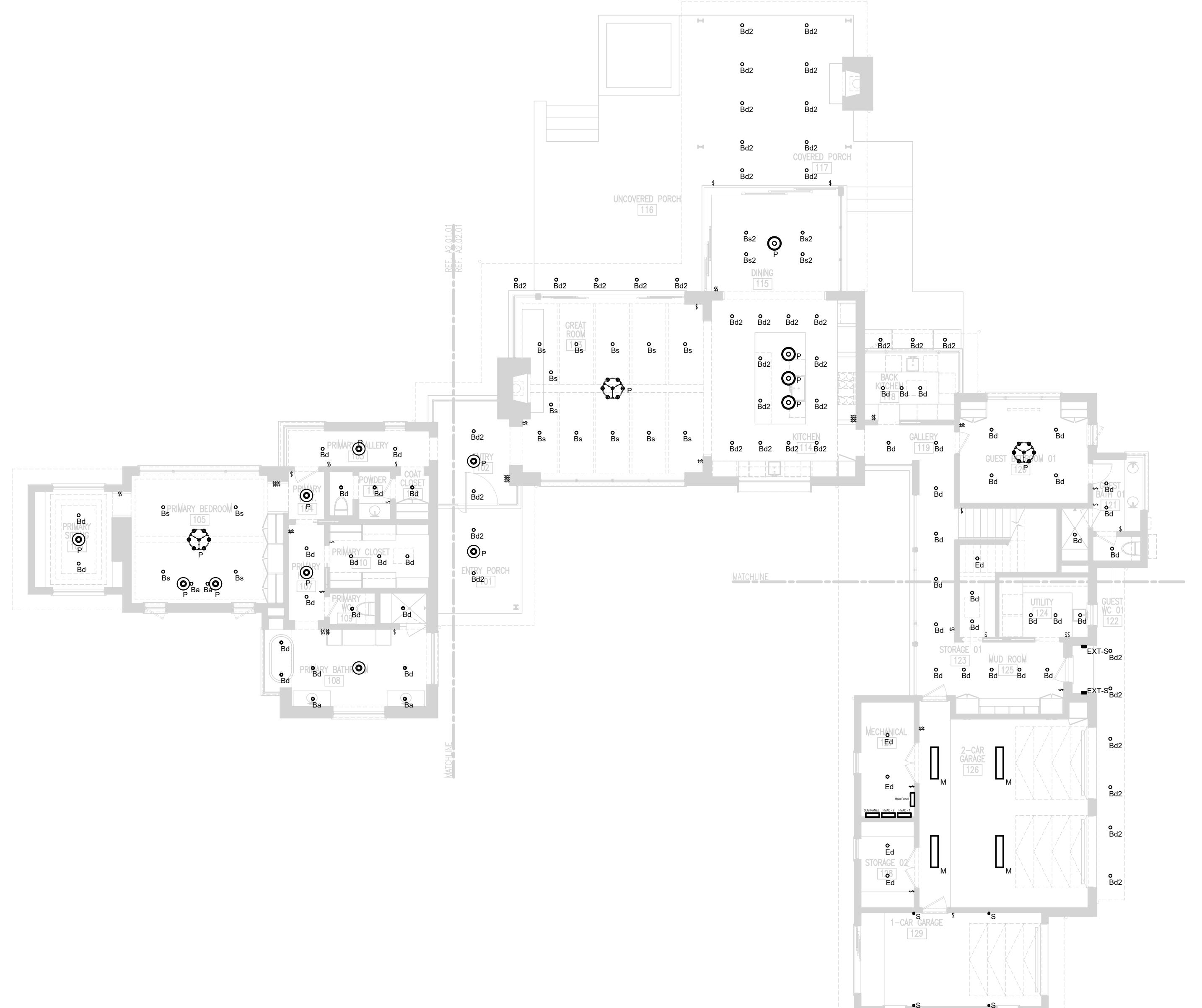
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LEVEL 1 LIGHTING LAYOUT OVERALL

E2.01

ELECTRICAL FIXTURE SCHEDULE				
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS:
 Bd	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 55° BEAM	MFR: COOPER MDL: HL36A15WFLD2W-ED010ICAT TRIM: TL3R-HWF WHITE TRIM	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-DIM	IC & WET LOCATION RATED
 Bd2	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 55° BEAM	MFR: COOPER MDL: HL36A15WFLD2W-ED010ICAT TRIM: TL3R-ORB BRONZE TRIM	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-DIM	IC & WET LOCATION RATED
 Bs	3" LED ADJUSTABLE DOWNLIGHT FOR SLOPED CEILINGS W/ CLEAR REFLECTOR, 55° BEAM	MFR: COOPER MDL: HL36A15WFLD2W-ED010ICAT TRIM: TL3LW-WHWF WHITE TRIM	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-DIM	IC & WET LOCATION RATED
 Bd	3" LED ADJUSTABLE ACCENT DOWNLIGHT, PINHOLE W/ BLACK OCULUS, 15° BEAM	MFR: COOPER MDL: HL36A15SPD2W-ED010ICAT TRIM: TL3PIN-MWWB	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-DIM	IC & WET LOCATION RATED
 Ed	4" SURFACE MOUNTED – FIXED	MFR: HALO MDL: HLBS4069FS351EMWR	LUMENS: 1061 COLOR TEMP: 3000K	
 P	PENDANT	CUSTOM – BY OWNER		
 EXT-P	EXTERIOR PENDANT	REF. EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FIXTURE
 TS	WALL SCONCE	CUSTOM – BY OWNER		
 EXT-S	EXTERIOR WALL SCONCE	REF. EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FIXTURE
 M	1' x 4' LED FLAT PANEL	MFR: METALUX MDL: 14FP2630C	LUMENS: 2744 COLOR TEMP: 3000K	
 P	DUPLEX OUTLET	MFR: LEVITON MDL: DECORA CLR: WHITE		
 P	DUPLEX OUTLET – SPLIT	MFR: LEVITON MDL: DECORA CLR: WHITE		
 USB	DUPLEX OUTLET – USB CHARGER	MFR: LEVITON MDL: DECORA CLR: WHITE		
 GFI	GROUND FAULT INTERRUPTER	MFR: LEVITON MDL: DECORA CLR: WHITE		
 R	RANGE RECEPTACLE	MFR: LEVITON MDL: DECORA CLR: WHITE		
 DRYER	DRYER OUTLET			
 EV	LEVEL 2 ELECTRIC VEHICLE CHARGER			
 FLOOR	FLOOR OUTLET			BRONZE COVER PLATE



01 FIRST FLOOR KEY PLAN



1 LEVEL 1 OVERALL LIGHTING LAYOUT

SCALE: 1" = 10'-0"

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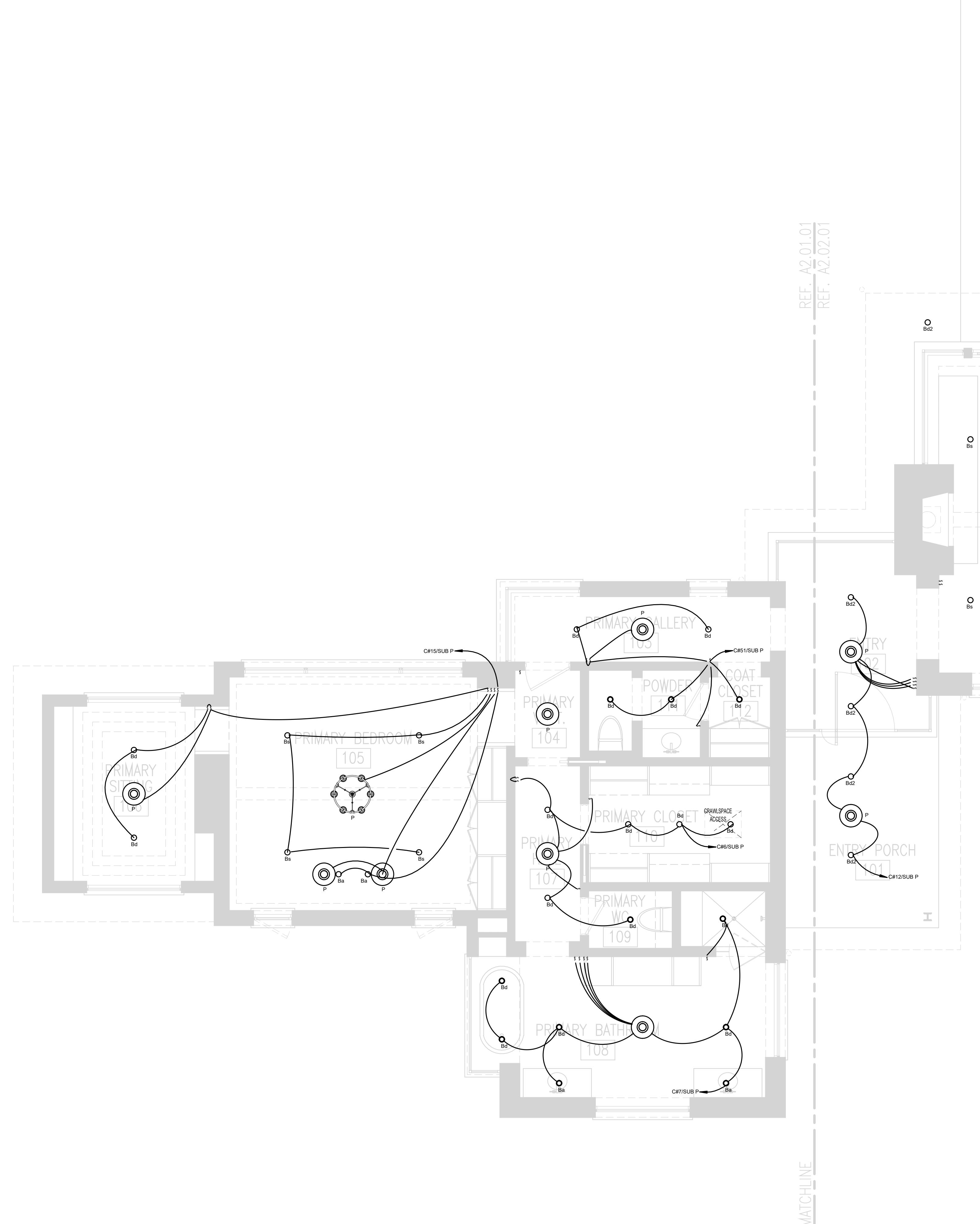
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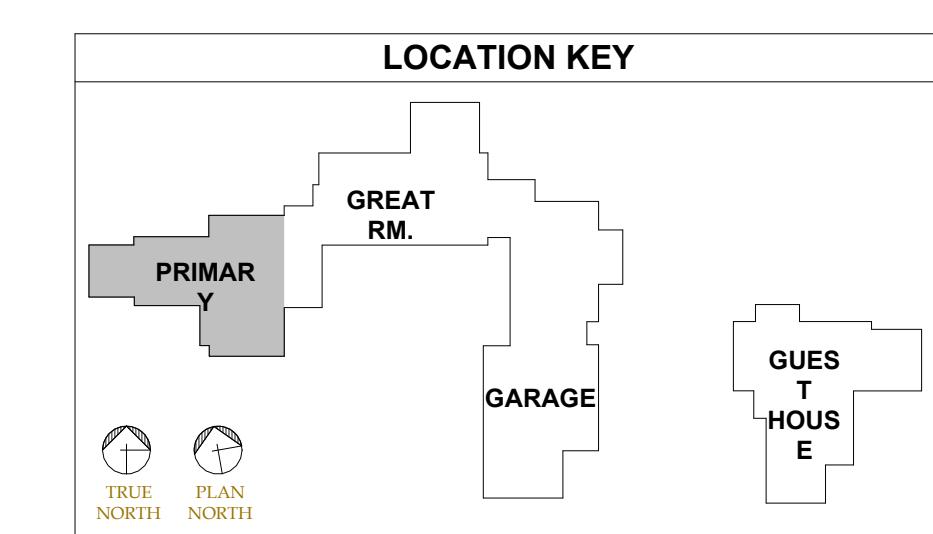
LEVEL 1 PRIMAR
LIGHTING LAYOUT

E2.02



1 LEVEL 1 PRIMAR LIGHTING LAYOUT
SCALE: 1/4" = 1'-0"

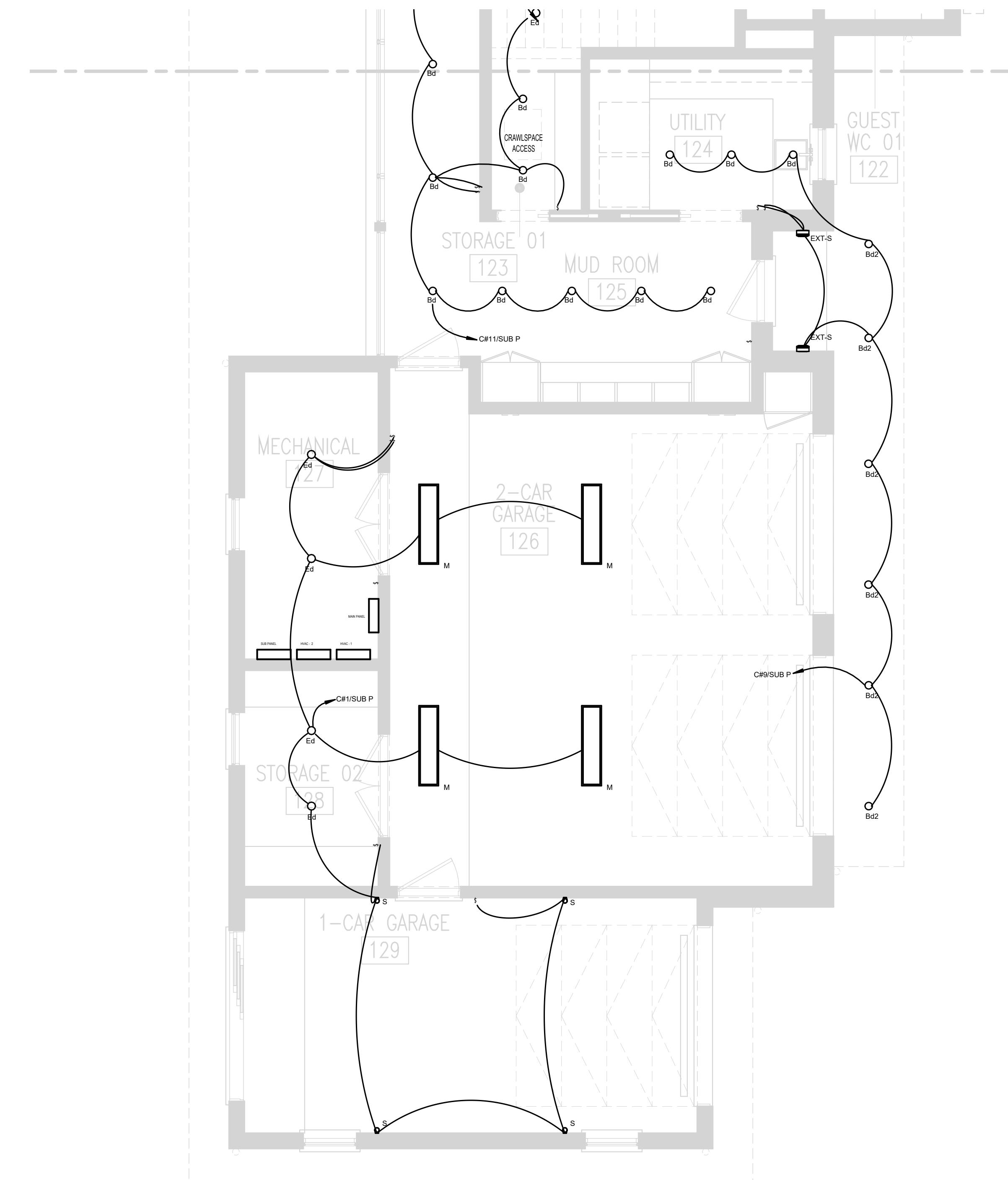
ELECTRICAL FIXTURE SCHEDULE					
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS	
□	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. 30100W-EZDLCAT	LUMENS: 1500 CRI: 80 WATT: 12W WARM-55°CM	WHT TRIM	C & WET LOCATION RATED
□→	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. 30100W-EZDLCAT	LUMENS: 1500 CRI: 80 WATT: 12W WARM-55°CM	BRSNTR TR	C & WET LOCATION RATED
□→	LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. 30100W-EZDLCAT	LUMENS: 1500 CRI: 80 WATT: 12W WARM-55°CM	BRSNTR TR	C & WET LOCATION RATED
□→	LED ADJUSTABLE ACCENT DOWNLIGHT PROFILE IN BLACK SCULPT, 12° BEAM	MFR: HUBER, SPANN & CO INC. 1018-WH/PC	LUMENS: 1500 CRI: 80 WATT: 12W WARM-55°CM	WHT TRIM	C & WET LOCATION RATED
⊕	4" SURFACE MOUNTED - FIXED	MFR: HALO MBL4049S33TEMW	LUMENS: 1081 COLOR TEMP: 3000K WARM-55°CM		
⊕	PENDANT	CUSTOM - BY OWNER			
⊕	EXTERIOR PENDANT	REF: EXTERIOR LIGHTING SPECIFICATIONS			FULL CUT-OFF FIXTURE
⊖	WALL SCONCE	CUSTOM - BY OWNER			
⊖	EXTERIOR WALL SCONCE	REF: EXTERIOR LIGHTING SPECIFICATIONS			FULL CUT-OFF FIXTURE
■	1" x 4" LED FLAT PANEL	MFR: METALUX MBL141255CC	LUMENS: 2744 COLOR TEMP: 3000K		
⊕	DUPLEX OUTLET	MFR: LEVITON MBL1420A-CUR-WHT			
⊕	DUPLEX OUTLET - SPUR	MFR: LEVITON MBL1420A-CUR-WHT			
⊕	DUPLEX OUTLET - USB CHARGER	MFR: LEVITON MBL1420A-CUR-WHT			
GF	GROUND FAULT INTERRUPTER	MFR: LEVITON MBL1420A-CUR-WHT			
⊕	RANGE RECEPTACLE	MFR: LEVITON MBL1420A-CUR-WHT			
⊕	DRIVER OUTLET				
EV	LEVEL 2 ELECTRIC VEHICLE CHARGER				
□	FLOOR OUTLET				BRONZE COVER PLATE



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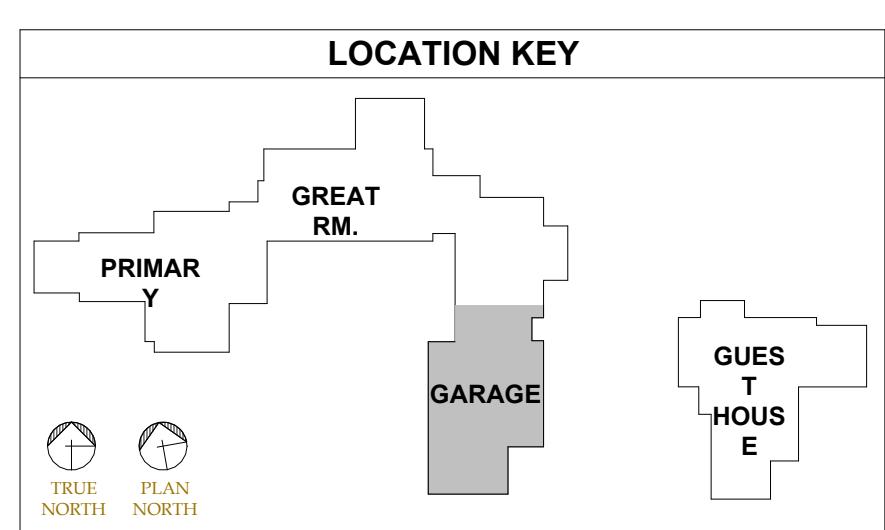
1 LEVEL 1 GARAGE LIGHTING LAYOUT
SCALE: 1/4" = 1'-0"

ELECTRICAL FIXTURE SCHEDULE					
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS:	
□ Bd	5" LED ADJUSTABLE DOWNLIGHT REFLECTOR, 50° BEAM	MFR: COOPER MOD: HLMATMFL0W-EZDLCAT TRIM: 150W-150W WHT TRIM	LUMENS: 1500 COLOR TEMP: 3000K WARM-75-DM	IC & WET LOCATION RATED	
□ Bd	5" LED ADJUSTABLE DOWNLIGHT REFLECTOR, 50° BEAM	MFR: COOPER MOD: HLMATMFL0W-EZDLCAT TRIM: 150W-150W BRSNTR TR	LUMENS: 1500 COLOR TEMP: 3000K WARM-75-DM	IC & WET LOCATION RATED	
□→ Bd	LED ADJUSTABLE DOWNLIGHT REFLECTOR, 50° BEAM	MFR: COOPER MOD: HLMATMFL0W-EZDLCAT TRIM: 150W-150W WHT TRIM	LUMENS: 1500 COLOR TEMP: 3000K WARM-75-DM	IC & WET LOCATION RATED	
□ Bd	LED ADJUSTABLE ACCENT DOWNLIGHT PLATE W/ BLACK SCULPT, 12° BEAM	MFR: COOPER MOD: HLMATMFL0W-EZDLCAT TRIM: 150W-150W WHT TRIM	LUMENS: 1500 COLOR TEMP: 3000K WARM-75-DM	IC & WET LOCATION RATED	
⊕ Bd	4" SURFACE MOUNTED - FIXED	MFR: HALO MOD: HBL4569S33TEMIR	LUMENS: 1081 COLOR TEMP: 3000K		
⊕ P	PENDANT	CUSTOM - BY OWNER			
EXT-S	EXTERIOR PENDANT	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE	
⊕ S	WALL SCONCE	CUSTOM - BY OWNER			
EXT-S	EXTERIOR WALL SCONCE	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE	
■ M	1" x 4" LED FLAT PANEL	MFR: METALUX MOD: 141P253C	LUMENS: 2744 COLOR TEMP: 3000K		
⊕ M	DUPLEX OUTLET	MFR: LEVITON MOD: DECORA CLR: WHITE			
⊕ M	DUPLEX OUTLET - SPUR	MFR: LEVITON MOD: DECORA CLR: WHITE			
⊕ M	DUPLEX OUTLET - VSR CHARGER	MFR: LEVITON MOD: DECORA CLR: WHITE			
GF	GROUND FAULT INTERRUPTER	MFR: LEVITON MOD: DECORA CLR: WHITE			
⊕ M	RANGE RECEPTACLE	MFR: LEVITON MOD: DECORA CLR: WHITE			
⊕ M	DRIER OUTLET				
EV	LEVEL 2 ELECTRIC VEHICLE CHARGER				
□	FLOOR OUTLET			BRONZE COVER PLATE	

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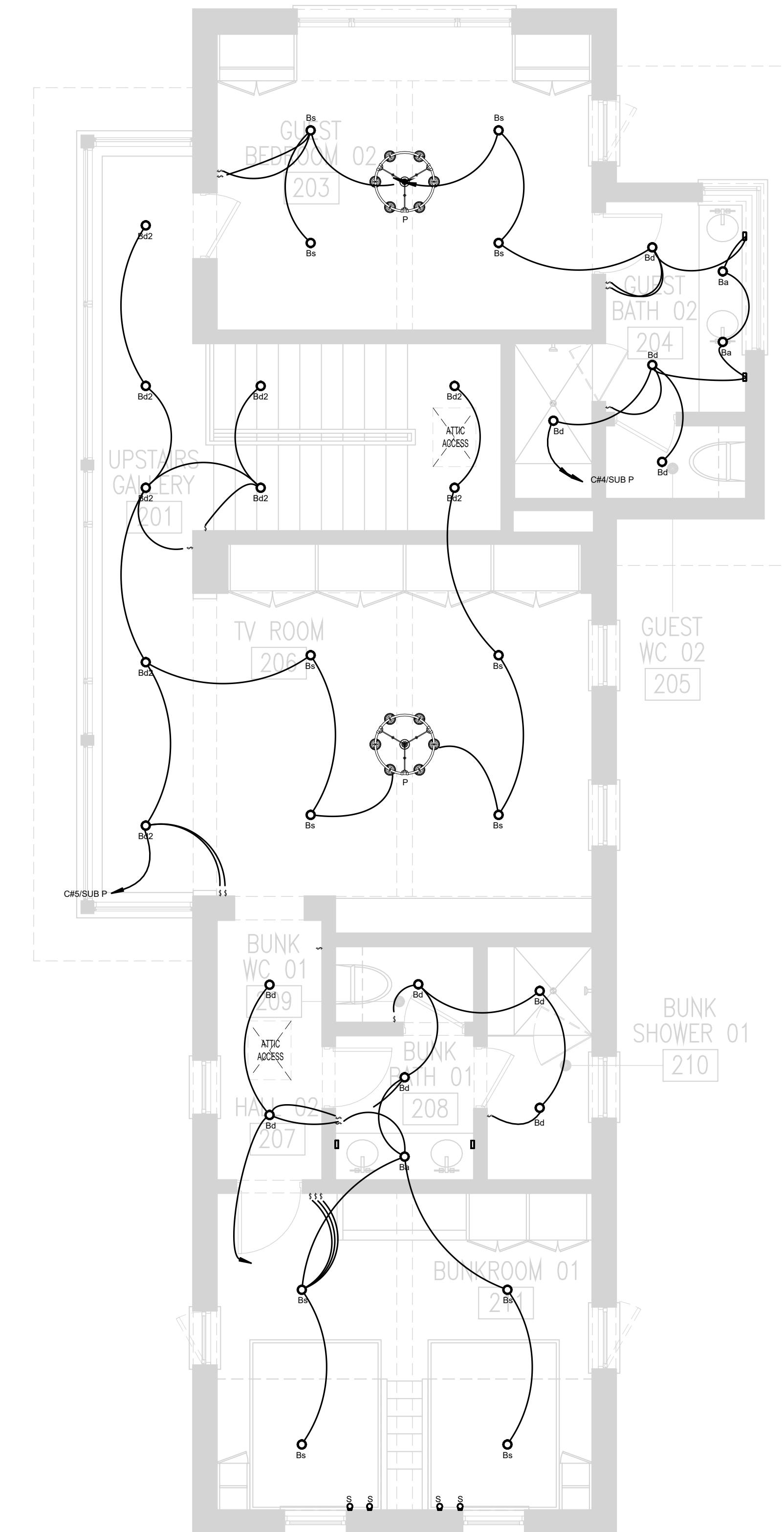
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ELECTRICAL FIXTURE SCHEDULE				
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS
□ →	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. 100WATT/30W-E30/DICAT TRIM: 1350K-3000K WARM-75-75 CM	LUMENS: 1350 COLOR TEMP.: 3000K WARM-75-75 CM	C & WET LOCATION RATED
□ →	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. 100WATT/30W-E30/DICAT TRIM: 1350K-3000K WARM-75-75 CM	LUMENS: 1350 COLOR TEMP.: 3000K WARM-75-75 CM	C & WET LOCATION RATED
□ →	LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. 100WATT/30W-E30/DICAT TRIM: 1350K-3000K WARM-75-75 CM	LUMENS: 1350 COLOR TEMP.: 3000K WARM-75-75 CM	C & WET LOCATION RATED
□ →	LED ADJUSTABLE ACCENT DOWNLIGHT PROFILE IN BLACK SLEEVES, 12° BEAM	MFR: COOPER MFG. CO. INC. 100WATT/30W-E30/DICAT TRIM: 1350K-3000K WARM-75-75 CM	LUMENS: 1350 COLOR TEMP.: 3000K WARM-75-75 CM	C & WET LOCATION RATED
⊕	4" SURFACE MOUNTED - FIXED	MFR: HALO MFL4549SF33TEMR	LUMENS: 1081 COLOR TEMP.: 3000K	
⊕ P	PENDANT	CUSTOM - BY OWNER		
⊕ EXT-P	EXTERIOR PENDANT	REF. EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE
⊕	WALL SCONCE	CUSTOM - BY OWNER		FULL CUT-OFF FIXTURE
⊕ EXT-S	EXTERIOR WALL SCONCE	REF. EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE
■	1" x 4" LED FLAT PANEL	MFR: METALUX MFL144254SC	LUMENS: 2744 COLOR TEMP.: 3000K	
⊕	DUPLEX OUTLET	MFR: LEVITON MFL DECORA CUR. WHITE		
⊕	DUPLEX OUTLET - SPUR	MFR: LEVITON MFL DECORA CUR. WHITE		
⊕	DUPLEX OUTLET - VSR CHARGER	MFR: LEVITON MFL DECORA CUR. WHITE		
GF	GROUND FAULT INTERRUPTER	MFR: LEVITON MFL DECORA CUR. WHITE		
⊕	RANGE RECEPTACLE	MFR: LEVITON MFL DECORA CUR. WHITE		
⊕	DRIER OUTLET			
EV	LEVEL 2 ELECTRIC VEHICLE CHARGER			
□	FLOOR OUTLET			BRONZE COVER PLATE



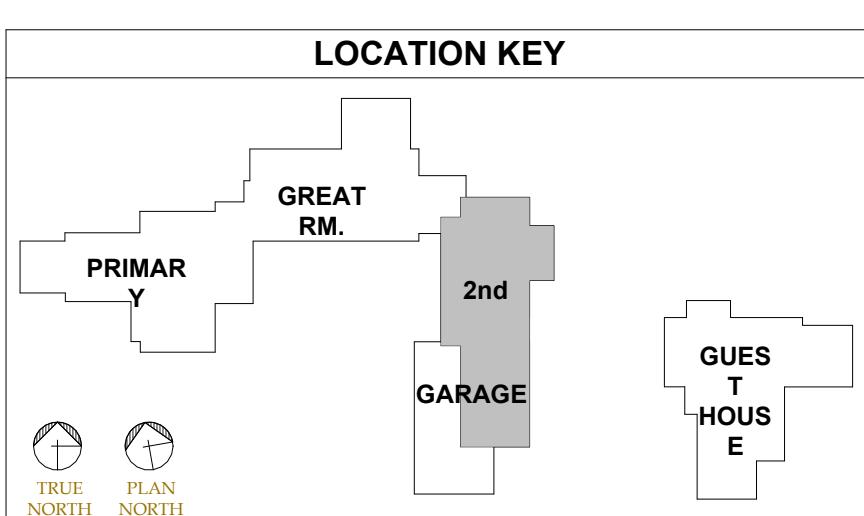
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LEVEL 2 LIGHTING
LAYOUT

E3.01



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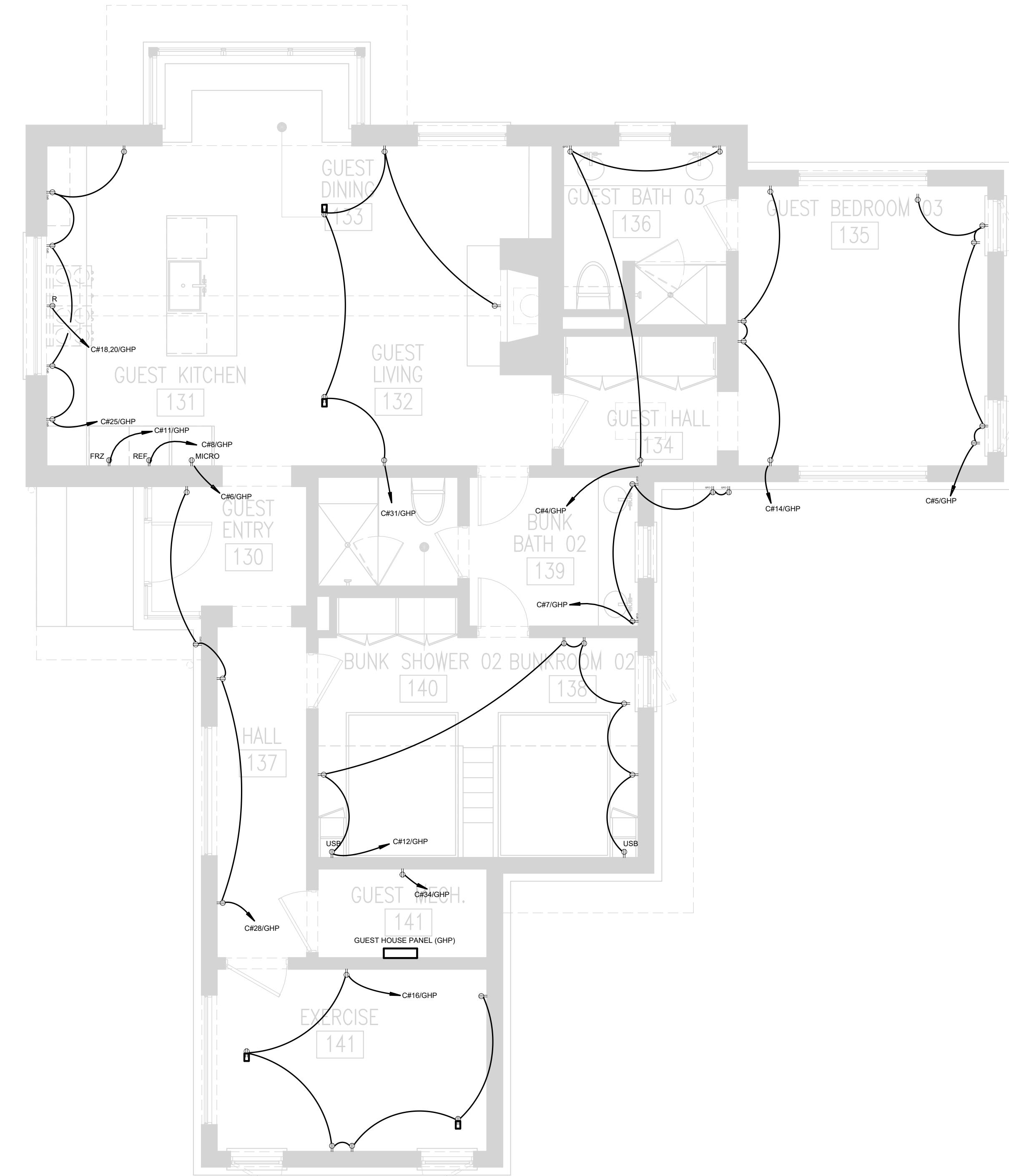
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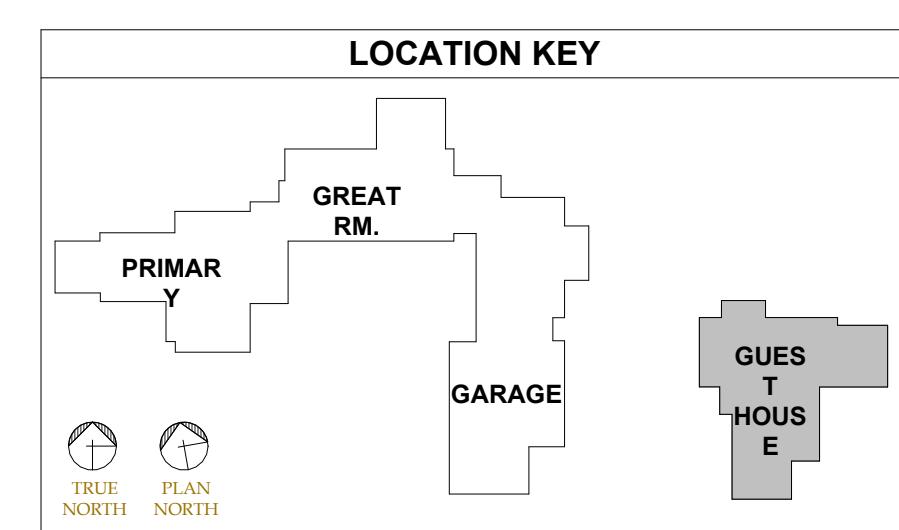
LEVEL 1 GUEST POWER LAYOUT

E4.01

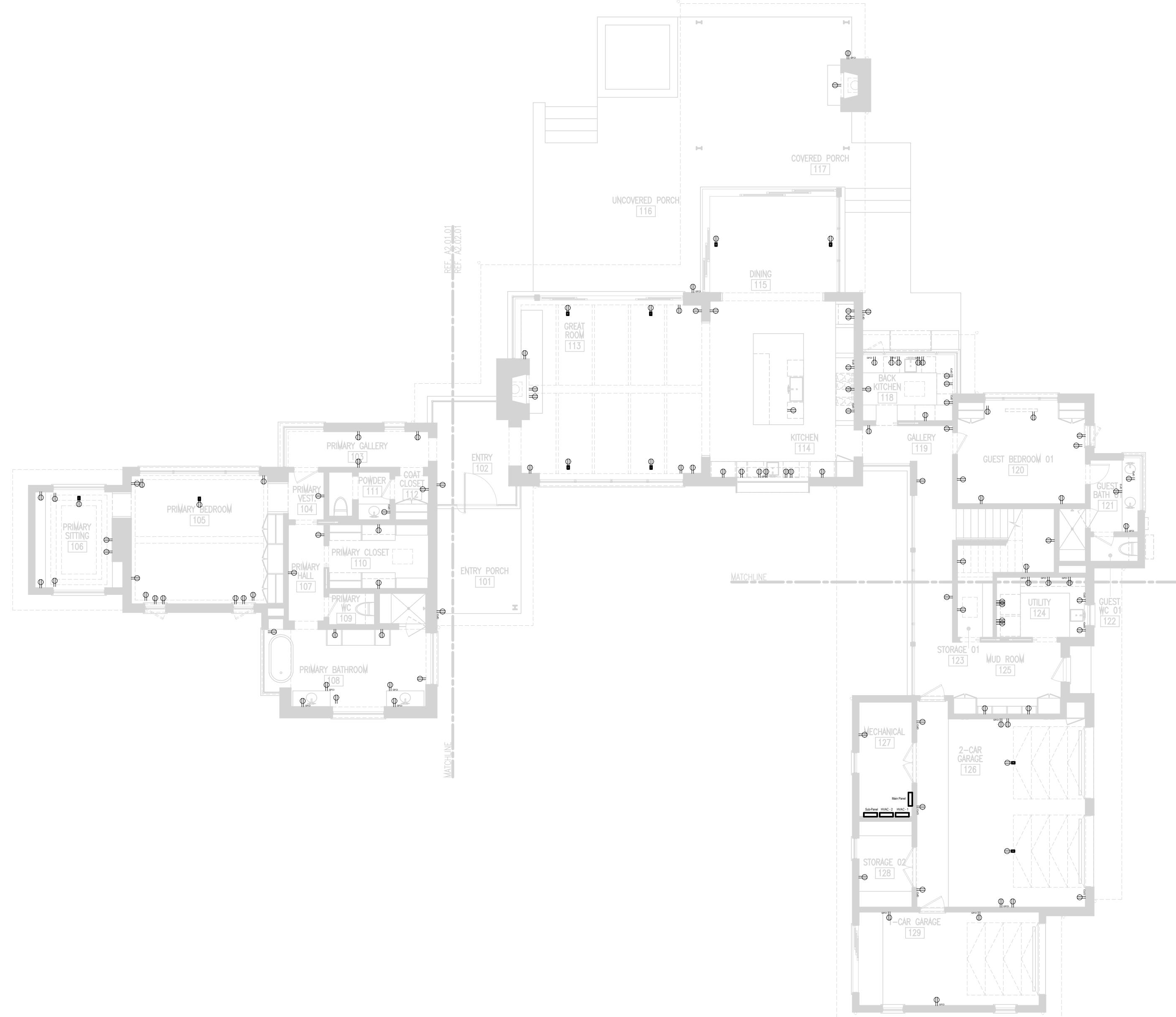
ELECTRICAL FIXTURE SCHEDULE				
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS:
 Bd	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 55° BEAM	MFR: COOPER MDL: HL36A15WFLD2W-ED010ICAT TRIM: TL3R-HWF WHITE TRIM	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-DIM	IC & WET LOCATION RATED
 Bd2	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 55° BEAM	MFR: COOPER MDL: HL36A15WFLD2W-ED010ICAT TRIM: TL3R-ORB BRONZE TRIM	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-DIM	IC & WET LOCATION RATED
 Bs	3" LED ADJUSTABLE DOWNLIGHT FOR SLOPED CEILINGS W/ CLEAR REFLECTOR, 55° BEAM	MFR: COOPER MDL: HL36A15WFLD2W-ED010ICAT TRIM: TL3LW-WHWF WHITE TRIM	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-DIM	IC & WET LOCATION RATED
 Bd	3" LED ADJUSTABLE ACCENT DOWNLIGHT, PINHOLE W/ BLACK OCULUS, 15° BEAM	MFR: COOPER MDL: HL36A15SPD2W-ED010ICAT TRIM: TL3PIN-MWWB	LUMENS: 1500 COLOR TEMP: 3000K WARM-TO-DIM	IC & WET LOCATION RATED
 Ed	4" SURFACE MOUNTED – FIXED	MFR: HALO MDL: HLBS4069FS351EMWR	LUMENS: 1061 COLOR TEMP: 3000K	
 P	PENDANT	CUSTOM – BY OWNER		
 EXT-P	EXTERIOR PENDANT	REF. EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FIXTURE
 TS	WALL SCONCE	CUSTOM – BY OWNER		
 EXT-S	EXTERIOR WALL SCONCE	REF. EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FIXTURE
 M	1' x 4' LED FLAT PANEL	MFR: METALUX MDL: 14FP2630C	LUMENS: 2744 COLOR TEMP: 3000K	
 P	DUPLEX OUTLET	MFR: LEVITON MDL: DECORA CLR: WHITE		
 P	DUPLEX OUTLET – SPLIT	MFR: LEVITON MDL: DECORA CLR: WHITE		
 USB	DUPLEX OUTLET – USB CHARGER	MFR: LEVITON MDL: DECORA CLR: WHITE		
 GFI	GROUND FAULT INTERRUPTER	MFR: LEVITON MDL: DECORA CLR: WHITE		
 R	RANGE RECEPTACLE	MFR: LEVITON MDL: DECORA CLR: WHITE		
 DRYER	DRYER OUTLET			
 EV	LEVEL 2 ELECTRIC VEHICLE CHARGER			
 FLOOR	FLOOR OUTLET			BRONZE COVER PLATE



1 LEVEL 1 GUEST POWER LAYOUT



1 LEVEL 1 GUEST POWER LAYOUT
SCALE: 1/4" = 1'-0"



01 FIRST FLOOR KEY PLAN

1 LEVEL 1 OVERALL POWER LAYOUT
SCALE: 1" = 10'-0"

ELECTRICAL FIXTURE SCHEDULE					
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS:	
□ →	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MFL: HLMATMFL03W-E30TICAT TRIM: TL3B-WHTR	LUMENS: 1500 COLOR TEMP: 3000K BAWH-15-DM BORNZ-TB	C & WET LOCATION RATED	
□ →	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MFL: HLMATMFL03W-E30TICAT TRIM: TL3B-WHTR	LUMENS: 1500 COLOR TEMP: 3000K BAWH-15-DM BORNZ-TB	C & WET LOCATION RATED	
□ →	LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MFL: HLMATMFL03W-E30TICAT TRIM: TL3B-WHTR	LUMENS: 1500 COLOR TEMP: 3000K BAWH-15-DM BORNZ-TB	C & WET LOCATION RATED	
□ →	3" LED ADJUSTABLE ACCENT DOWNLIGHT PROFILE W/ BLACK SCALLOP, 12° BEAM	MFR: COOPER MFG. CO. INC. MFL: HLMATMFL03W-E30TICAT TRIM: TL3B-WHTR	LUMENS: 1500 COLOR TEMP: 3000K BAWH-15-DM BORNZ-TB	C & WET LOCATION RATED	
⊕	4" SURFACE MOUNTED - FIXED	MFR: HALO MFL: HBL4569FSSTEMIR	LUMENS: 1081 COLOR TEMP: 3000K		
⊕	PENDANT	CUSTOM - BY OWNER			
⊕	EXTERIOR PENDANT	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FIXTURE	
⊖	WALL SCONCE	CUSTOM - BY OWNER			
⊖	EXTERIOR WALL SCONCE	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FIXTURE	
⊖	1" x 4" LED FLAT PANEL	MFR: METALUX MFL: 1417252CC	LUMENS: 2744 COLOR TEMP: 3000K		
⊖	DUPLEX OUTLET	MFR: LEVITON MFL: DECORA CLR: WHITE			
⊖	DUPLEX OUTLET - SPUR	MFR: LEVITON MFL: DECORA CLR: WHITE			
⊖	DUPLEX OUTLET - USB CHARGER	MFR: LEVITON MFL: DECORA CLR: WHITE			
GF	GROUND FAULT INTERRUPTER	MFR: LEVITON MFL: DECORA CLR: WHITE			
⊖	RANGE RECEPTACLE	MFR: LEVITON MFL: DECORA CLR: WHITE			
⊖	DRYER OUTLET				
EV	LEVEL 2 ELECTRIC VEHICLE CHARGER				
⊖	FLOOR OUTLET			BRONZE COVER PLATE	

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LEVEL 1 POWER LAYOUT
OVERALL

E5.01

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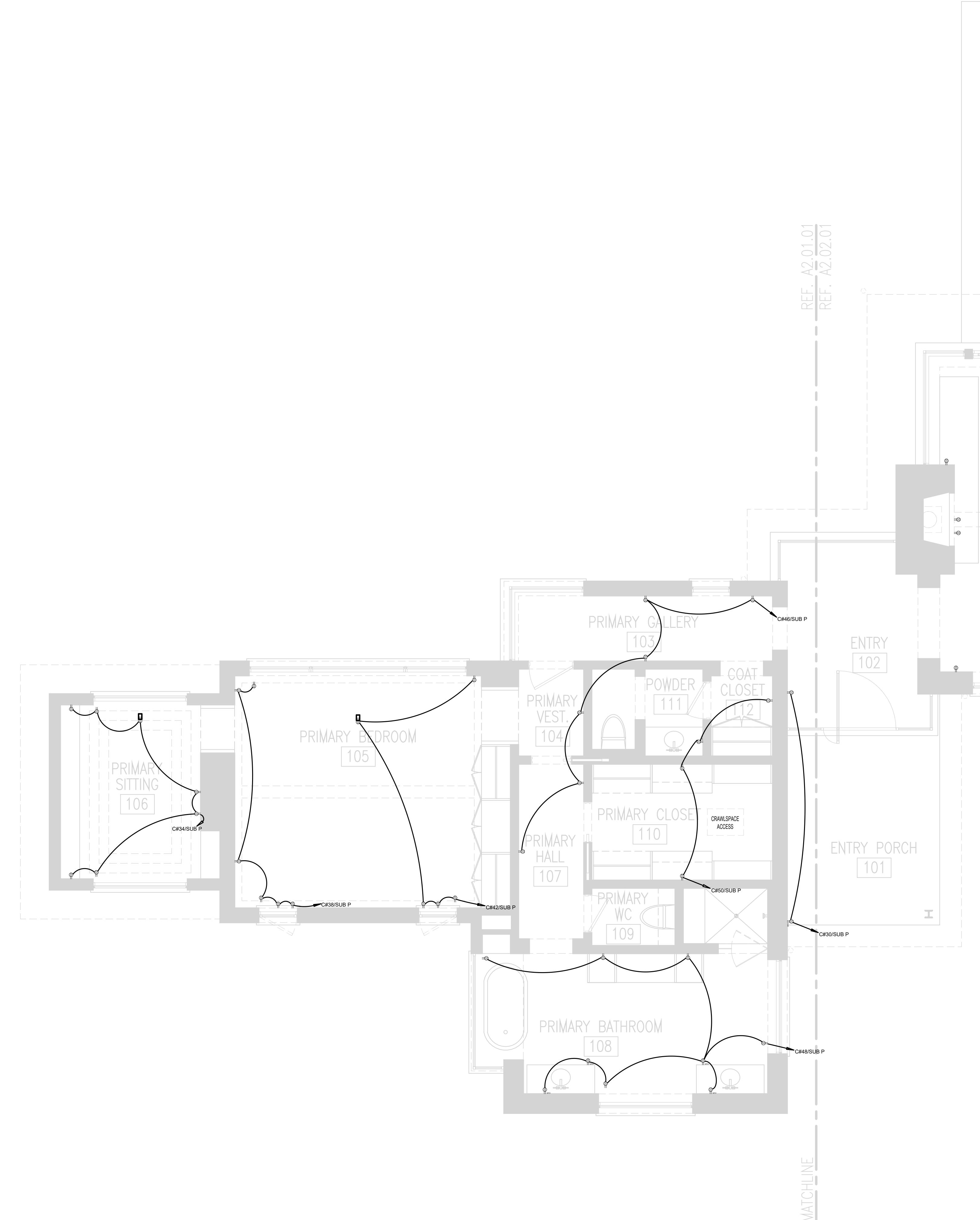
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LEVEL 1 PRIMAR POWER LAYOUT

E5.02



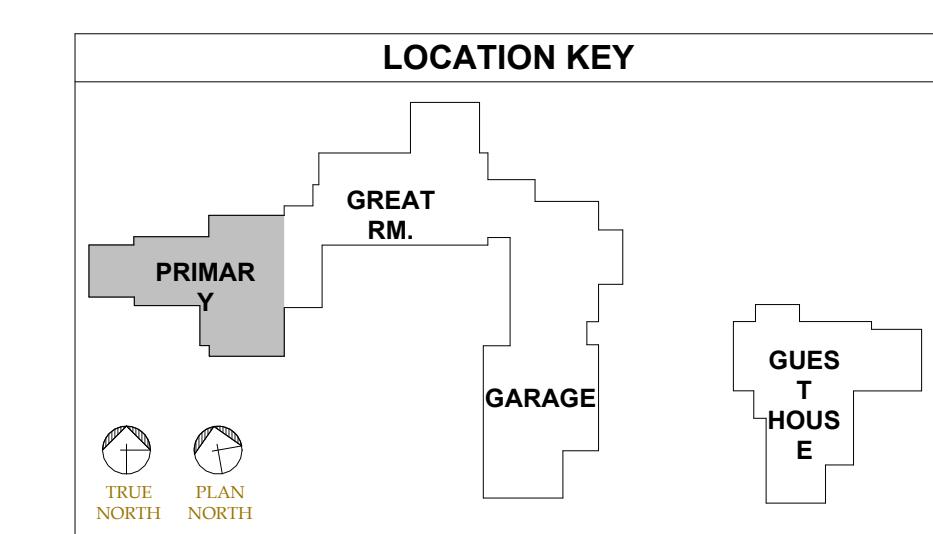
1 LEVEL 1 PRIMAR POWER LAYOUT
SCALE: 1/4" = 1'-0"

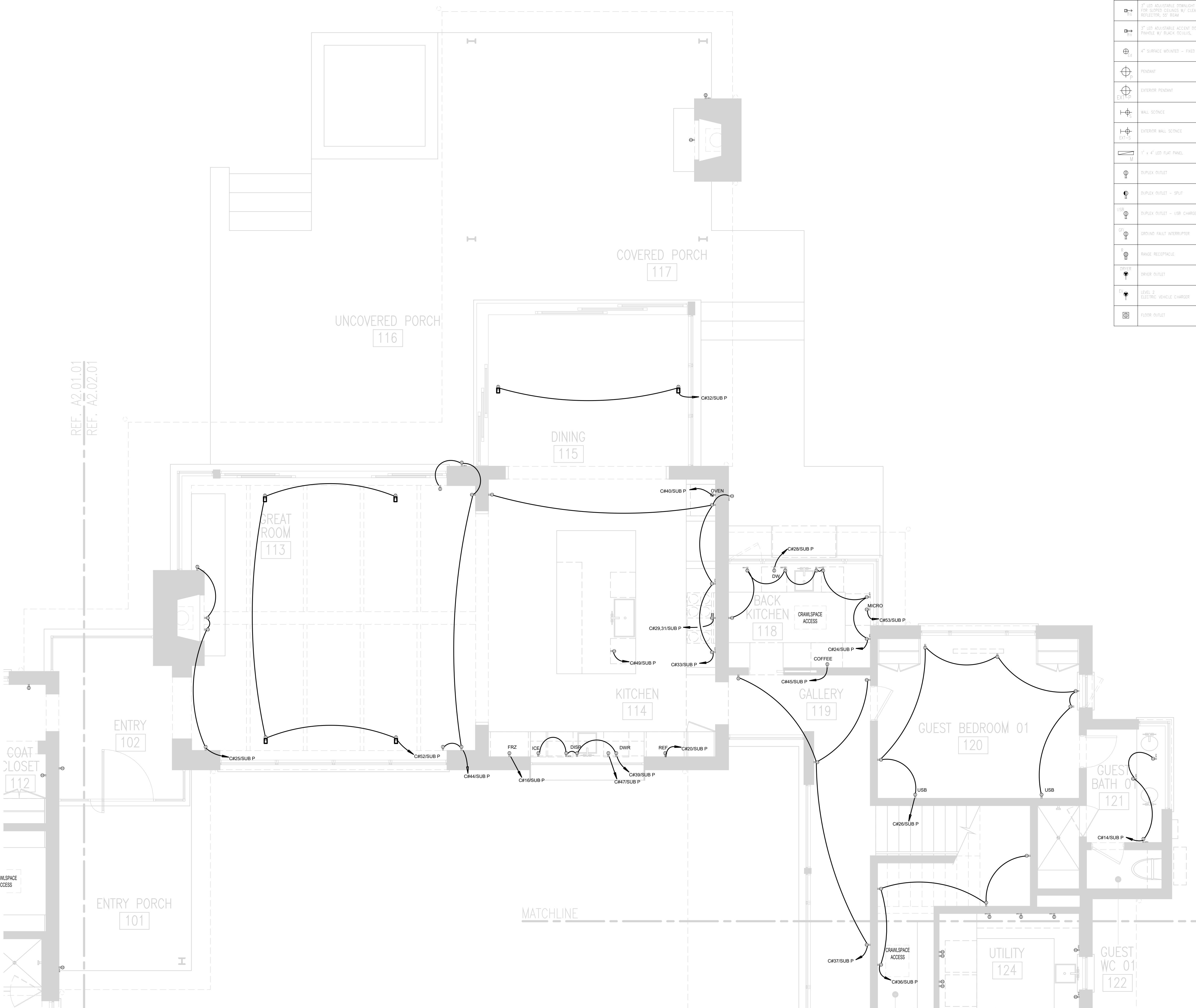
ELECTRICAL FIXTURE SCHEDULE					
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS:	
□	5" LED ADJUSTABLE DOWNLIGHT W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MOL: 14145502W-E27/ICAT	LUMENS: 1500 TRIM: ALUMINUM WATT: 12W WARM-55°CM	WHT/ TRIM IC & WET LOCATION RATED	
□→	5" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MOL: 14145502W-E27/ICAT	LUMENS: 1500 TRIM: ALUMINUM WATT: 12W WARM-55°CM	WHT/ TRIM IC & WET LOCATION RATED	
□→	LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MOL: 14145502W-E27/ICAT	LUMENS: 1500 TRIM: ALUMINUM WATT: 12W WARM-55°CM	WHT/ TRIM IC & WET LOCATION RATED	
□→	LED ADJUSTABLE ACCENT DOWNLIGHT PROFILE IN BLACK COLOR, 12° BEAM	MFR: COOPER MFG. CO. INC. MOL: 14145502W-E27/ICAT	LUMENS: 1500 TRIM: BLACK WATT: 12W WHT/ TRIM IC & WET LOCATION RATED	WHT/ TRIM IC & WET LOCATION RATED	
⊕	4" SURFACE MOUNTED - FIXED	MFR: HALO MOL: HBL4569FS3TEMR	LUMENS: 1081 COLOR TEMP: 3000K WARM-55°CM		
⊕	PENDANT	CUSTOM - BY OWNER			
⊕	EXTERIOR PENDANT	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE	
⊖	WALL SCONCE	CUSTOM - BY OWNER			
⊖	EXTERIOR WALL SCONCE	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE	
■	1" x 4" LED FLAT PANEL	MFR: METALUX MOL: 14142520C	LUMENS: 2744 COLOR TEMP: 3000K		
⊖	DUPLEX OUTLET	MFR: LEVITON MOL: DECORA CUR: WHITE			
⊖	DUPLEX OUTLET - SPUR	MFR: LEVITON MOL: DECORA CUR: WHITE			
⊖	DUPLEX OUTLET - USB CHARGER	MFR: LEVITON MOL: DECORA CUR: WHITE			
GF	GROUND FAULT INTERRUPTER	MFR: LEVITON MOL: DECORA CUR: WHITE			
⊖	RANGE RECEPTACLE	MFR: LEVITON MOL: DECORA CUR: WHITE			
⊖	DRIVER OUTLET				
EV	LEVEL 2 ELECTRIC VEHICLE CHARGER				
□	FLOOR OUTLET			BRONZE COVER PLATE	

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ELECTRICAL FIXTURE SCHEDULE					
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS	
□	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. M#L145450ZW-EZTODCAT	LUMENS: 1500 TRIM: ALUMINUM WATT: 12W WARM-75°CM WHITE-75°CM	IC & WET LOCATION RATED	
□→	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. M#L145450ZW-EZTODCAT	LUMENS: 1500 TRIM: ALUMINUM WATT: 12W WARM-75°CM WHITE-75°CM	IC & WET LOCATION RATED	
□→	LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. M#L145450ZW-EZTODCAT	LUMENS: 1500 TRIM: ALUMINUM WATT: 12W WARM-75°CM WHITE-75°CM	IC & WET LOCATION RATED	
□→	LED ADJUSTABLE ACCENT DOWNLIGHT PROFILE IN BLACK SCULPT, 12° BEAM	MFR: COOPER MFG. CO. INC. M#L145450ZW-EZTODCAT	LUMENS: 1500 TRIM: BLACK-12°BEAM WATT: 12W WARM-75°CM WHITE-75°CM	IC & WET LOCATION RATED	
⊕	4" SURFACE MOUNTED - FIXED	MFR: HALO M#L145450ZW-S331EMR	LUMENS: 1981 COLOR TEMP: 3000K WARM-75°CM 2000K		
⊕	PENDANT	CUSTOM - BY OWNER			
EXT-P	EXTERIOR PENDANT	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE	
⊕	WALL SCONCE	CUSTOM - BY OWNER			
EXT-S	EXTERIOR WALL SCONCE	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE	
■	1" x 4" LED FLAT PANEL	MFR: METALUX M#L145450ZW	LUMENS: 2744 COLOR TEMP: 3000K		
⊕	DUPLEX OUTLET	MFR: LEVITON M#L145450ZW			
⊕	DUPLEX OUTLET - SPUR	MFR: LEVITON M#L145450ZW			
⊕	DUPLEX OUTLET + USB CHARGER	MFR: LEVITON M#L145450ZW			
GF	GROUND FAULT INTERRUPTER	MFR: LEVITON M#L145450ZW			
⊕	RANGE RECEPTACLE	MFR: LEVITON M#L145450ZW			
⊕	DRIVER OUTLET				
EV	LEVEL 2 ELECTRIC VEHICLE CHARGER				
□	FLOOR OUTLET			BRONZE COVER PLATE	

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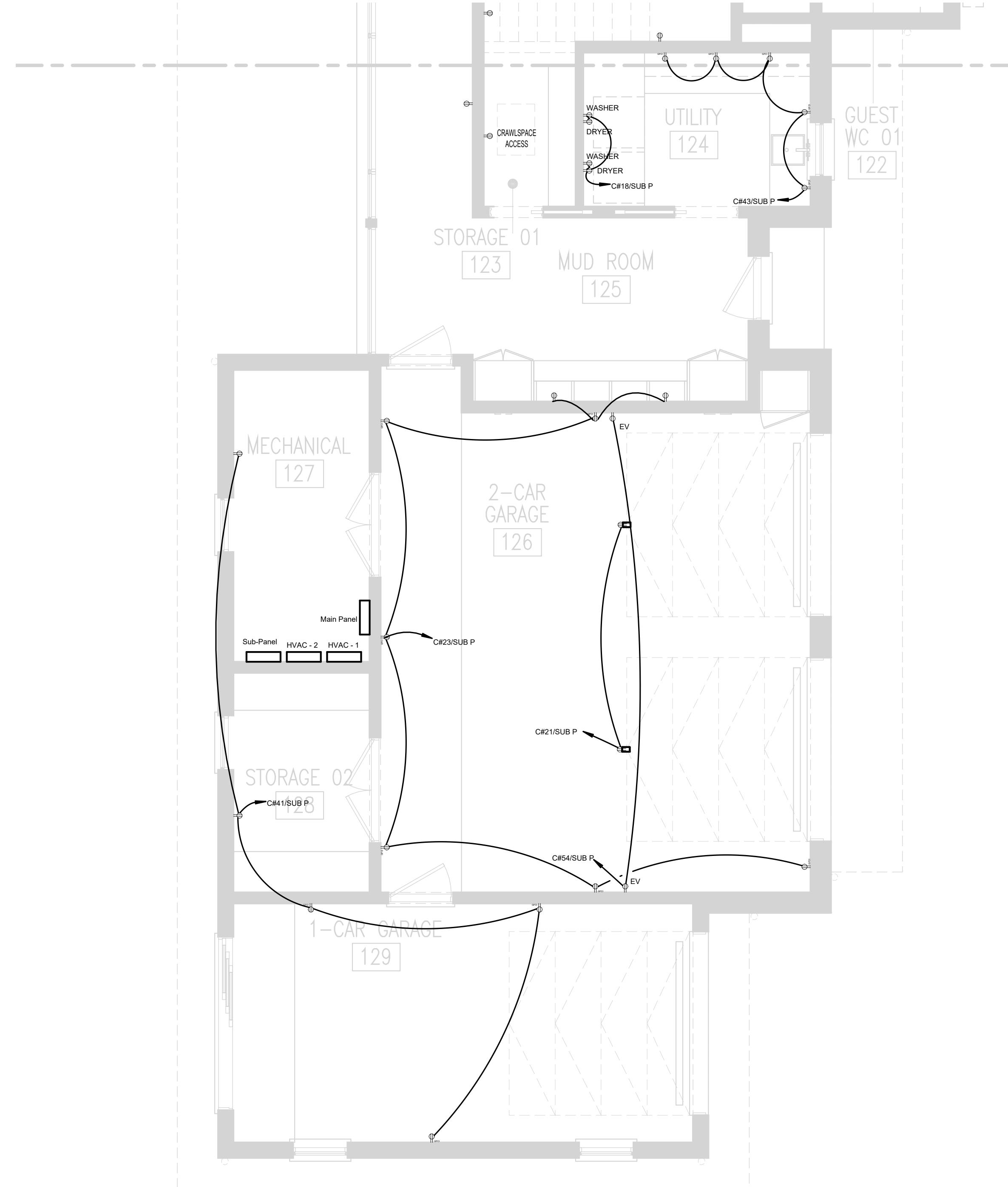
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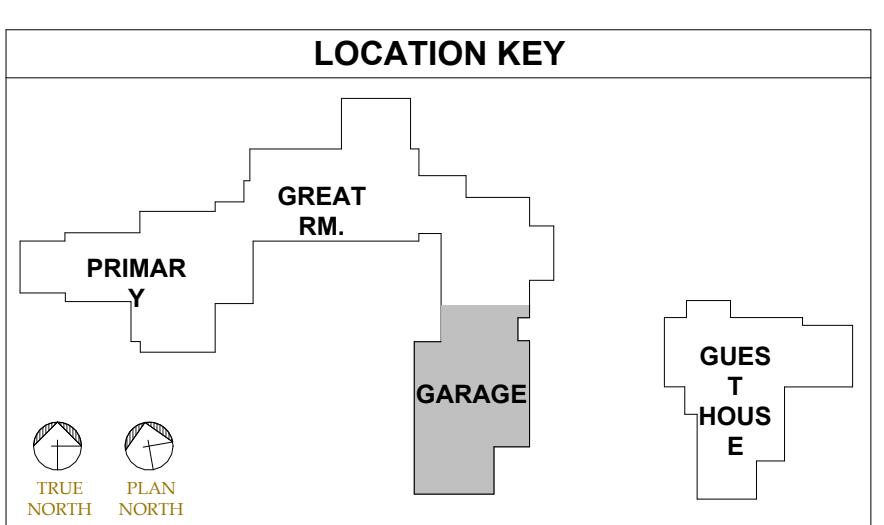
LEVEL 1 GARAGE
POWER LAYOUT

E5.04

ELECTRICAL FIXTURE SCHEDULE					
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS	
□ ↗	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MUL-1000W-EZDOLCAT TRIM: ULTRALUMINAR WARM-3000K	LUMENS: 1500 COLOR TEMP: 3000K WARM-3000K	IC & WET LOCATION RATED	
□ ↗	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MUL-1000W-EZDOLCAT TRIM: ULTRALUMINAR WARM-3000K	LUMENS: 1500 COLOR TEMP: 3000K WARM-3000K	IC & WET LOCATION RATED	
□ ↗	LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MUL-1000W-EZDOLCAT TRIM: ULTRALUMINAR WARM-3000K	LUMENS: 1500 COLOR TEMP: 3000K WARM-3000K	IC & WET LOCATION RATED	
□ ↗	LED ADJUSTABLE ACCENT DOWNLIGHT PROFILE IN BLACK SCULPT, 12° BEAM	MFR: COOPER MFG. CO. INC. MUL-1000W-EZDOLCAT TRIM: ULTRALUMINAR WARM-3000K	LUMENS: 1500 COLOR TEMP: 3000K WARM-3000K	IC & WET LOCATION RATED	
⊕ ↗	4" SURFACE MOUNTED - FIXED	MFR: HALO MUL-104569S331EMR	LUMENS: 1081 COLOR TEMP: 3000K		
⊕ P	PENDANT	CUSTOM - BY OWNER			
⊕ EXT-P	EXTERIOR PENDANT	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FIXTURE	
⊕ H	WALL SCONCE	CUSTOM - BY OWNER			
⊕ EXT-S	EXTERIOR WALL SCONCE	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FIXTURE	
■ M	1" x 4" LED FLAT PANEL	MFR: METALUX MUL-141725SC	LUMENS: 2744 COLOR TEMP: 3000K		
⊕ D	DUPLEX OUTLET	MFR: LEVITON MUL-DECORA CUR. WHITE			
⊕ D	DUPLEX OUTLET - SPUR	MFR: LEVITON MUL-DECORA CUR. WHITE			
⊕ D	DUPLEX OUTLET - USB CHARGER	MFR: LEVITON MUL-DECORA CUR. WHITE			
GF	GROUND FAULT INTERRUPTER	MFR: LEVITON MUL-DECORA CUR. WHITE			
⊕ R	RANGE RECEPTACLE	MFR: LEVITON MUL-DECORA CUR. WHITE			
⊕ O	DRYER OUTLET				
EV	LEVEL 2 ELECTRIC VEHICLE CHARGER				
□	FLOOR OUTLET			BRONZE COVER PLATE	



1 LEVEL 1 GARAGE POWER LAYOUT
SCALE: 1/4" = 1'-0"



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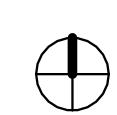
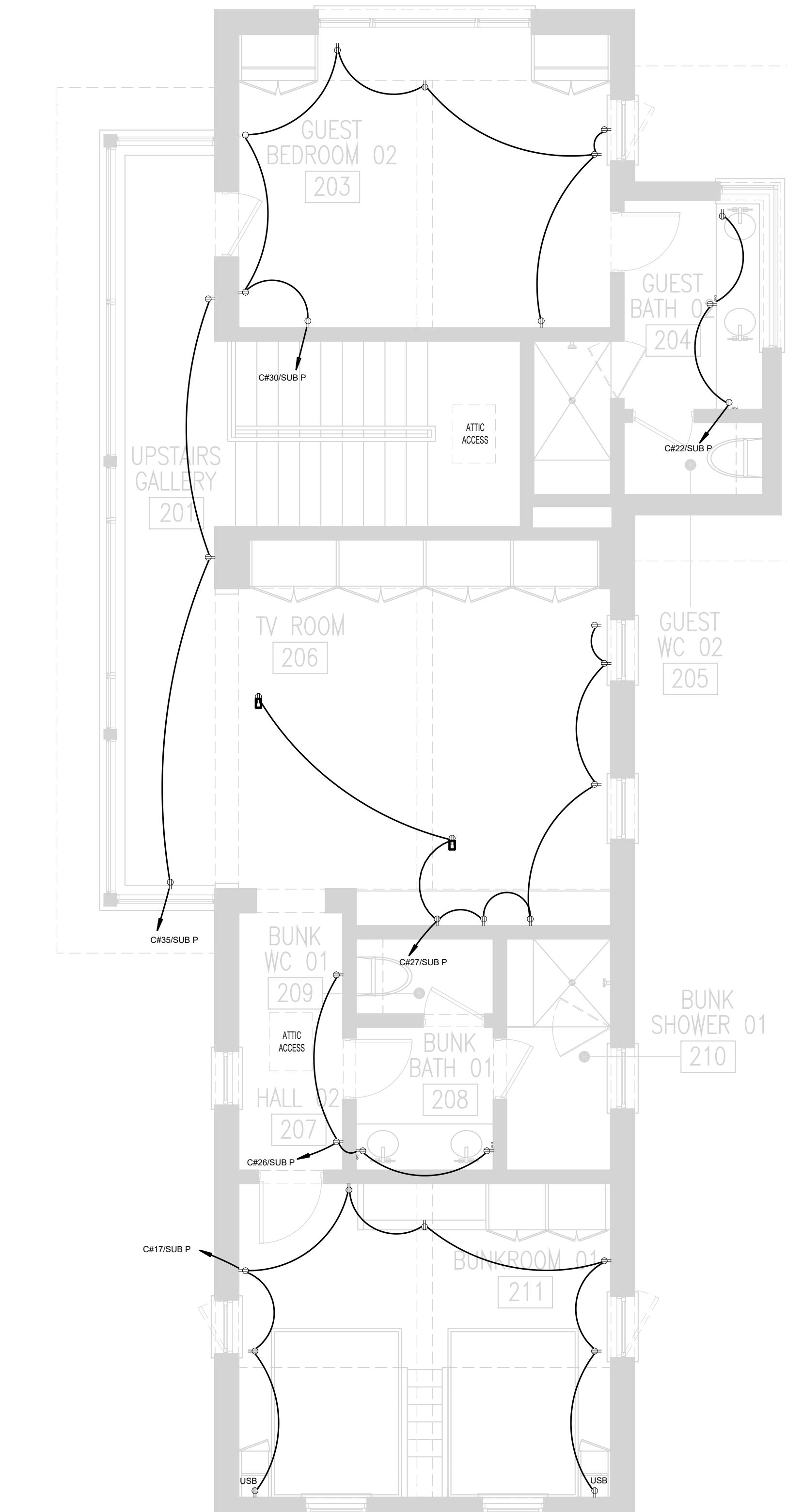
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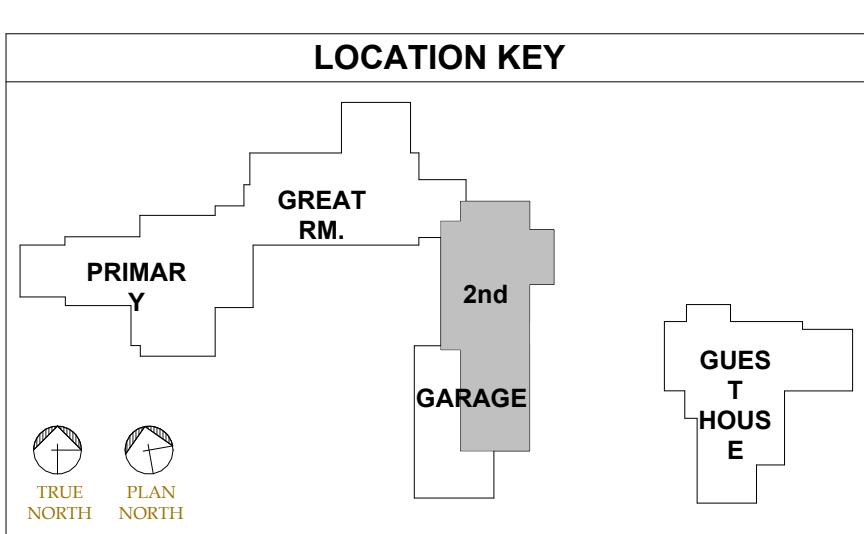
LEVEL 2 POWER LAYOUT

E6.01



1 LEVEL 2 POWER LAYOUT
SCALE: 1/4" = 1'-0"

ELECTRICAL FIXTURE SCHEDULE					
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS	
□	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MTL: HLM1550DW-E27/ICAT TRIM: TLLB-WHTR	LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W	WHT TRIM	IC & WET LOCATION RATED
□→	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MTL: HLM1550DW-E27/ICAT TRIM: TLLB-WHTR	LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W	WHT TRIM	IC & WET LOCATION RATED
□→	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. MTL: HLM1550DW-E27/ICAT TRIM: TLLB-WHTR	LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W	WHT TRIM	IC & WET LOCATION RATED
□→	3" LED ADJUSTABLE ACCENT DOWNLIGHT PRISMIC W/ BLACK SCALLOP, 12° BEAM	MFR: COOPER MFG. CO. INC. MTL: HLM1550DW-E27/ICAT TRIM: TLLB-WHTR	LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W	WHT TRIM	IC & WET LOCATION RATED
⊕	4" SURFACE MOUNTED - FIXED	MFR: HALO MTL: HBL4569S33TEMR	LUMENS: 1981 COLOR TEMP: 3000K		
⊕	PENDANT	CUSTOM - BY OWNER			
⊕	EXTERIOR PENDANT	REF: EXTERIOR LIGHTING SPECIFICATIONS			FULL CUT-OFF FIXTURE
⊖	WALL SCONCE	CUSTOM - BY OWNER			
⊖	EXTERIOR WALL SCONCE	REF: EXTERIOR LIGHTING SPECIFICATIONS			FULL CUT-OFF FIXTURE
■	1" x 4" LED FLAT PANEL	MFR: METALUX MTL: T4F1253CC	LUMENS: 2744 COLOR TEMP: 3000K		
⊕	DUPLEX OUTLET	MFR: LEVITON MTL: DECORA CUR: WHITE			
⊕	DUPLEX OUTLET - SPUR	MFR: LEVITON MTL: DECORA CUR: WHITE			
⊕	DUPLEX OUTLET + USB CHARGER	MFR: LEVITON MTL: DECORA CUR: WHITE			
GF	GROUND FAULT INTERRUPTER	MFR: LEVITON MTL: DECORA CUR: WHITE			
⊕	RANGE RECEPTACLE	MFR: LEVITON MTL: DECORA CUR: WHITE			
⊕	DRYER OUTLET				
EV	LEVEL 2 ELECTRIC VEHICLE CHARGER				
□	FLOOR OUTLET				BRONZE COVER PLATE



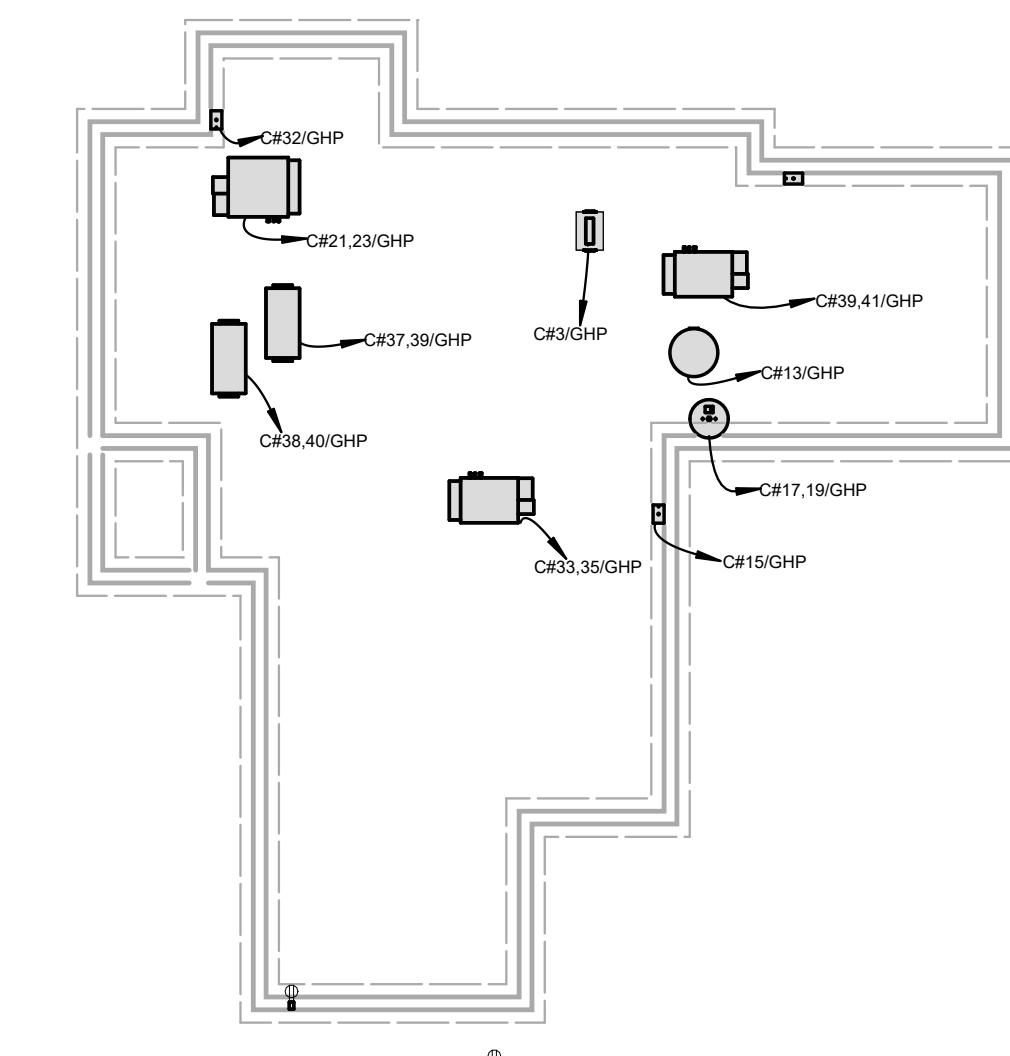
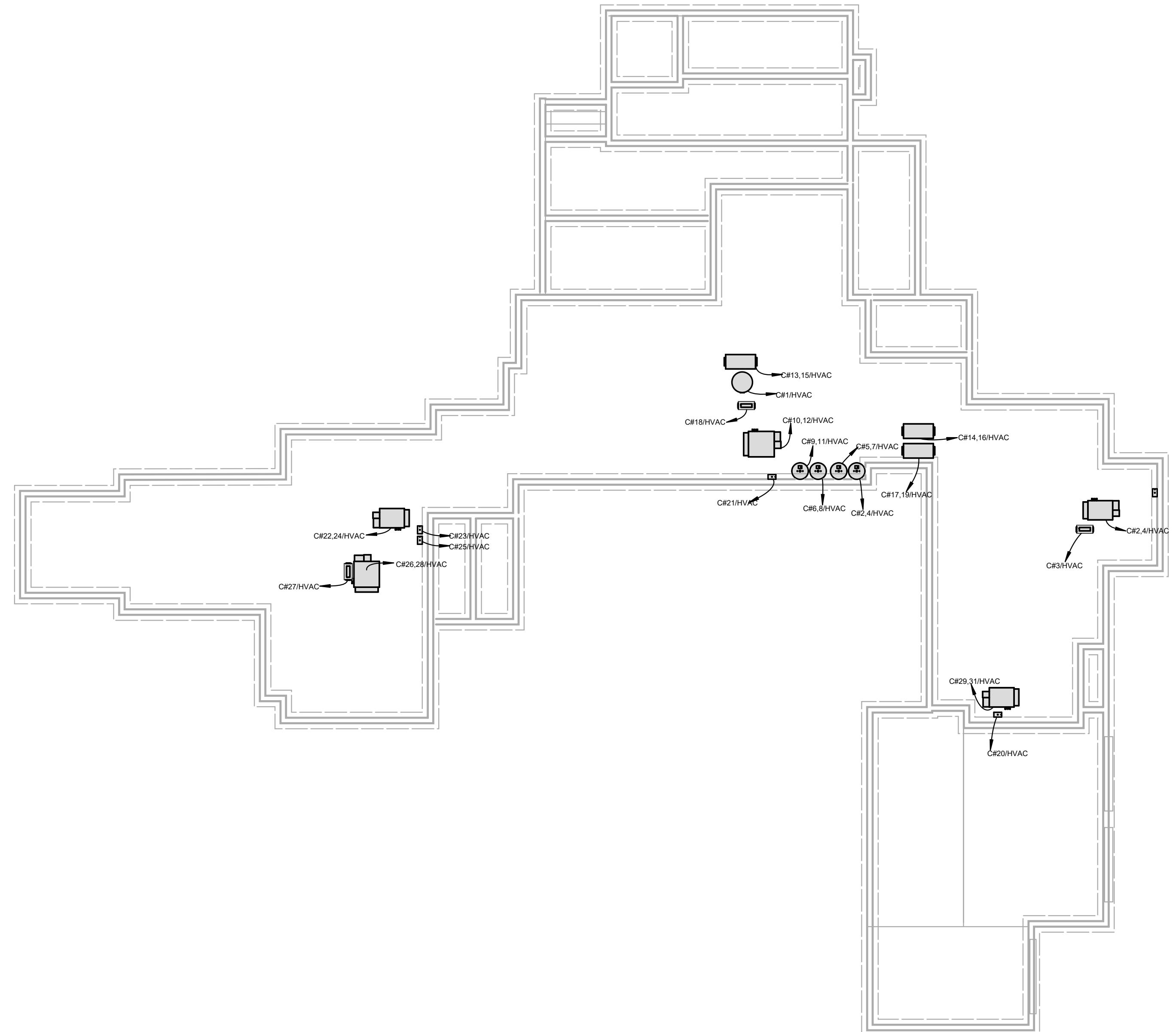
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LEVEL 1 CRAWL SPACE
POWER LAYOUT

E7.01



ELECTRICAL FIXTURE SCHEDULE					
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS:	
	5" LED ADJUSTABLE DOWNLIGHT FLAT CEILING W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MOD: HLM1550FZWW-E27/ICAT TRIM: FLUSH WATT: 15W WARM-55-75K	LUMENS: 1500 CRI: 80 WATT: 15W WARM-55-75K	C & WET LOCATION RATED	
	5" LED ADJUSTABLE DOWNLIGHT FLAT CEILING W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MOD: HLM1550FZWW-E27/ICAT TRIM: FLUSH-TRIM	LUMENS: 1500 CRI: 80 WATT: 15W WARM-55-75K	C & WET LOCATION RATED	
	LED ADJUSTABLE DOWNLIGHT FLAT CEILING W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MOD: HLM1550FZWW-E27/ICAT TRIM: FLUSH-WHIT	LUMENS: 1500 CRI: 80 WATT: 15W WARM-55-75K	C & WET LOCATION RATED	
	LED ADJUSTABLE ACCENT DOWNLIGHT FLAT CEILING BLACK SCULPT, 12° BEAM	MFR: COOPER MOD: HLM1550FZWW-E27/ICAT TRIM: FLUSH-WHIT	LUMENS: 1500 CRI: 80 WATT: 15W WARM-55-75K	C & WET LOCATION RATED	
	4" SURFACE MOUNTED - FIXED	MFR: HALO MOD: HBL4569S33TEMR	LUMENS: 1081 CRI: 80 WATT: 20W		
	PENDANT	CUSTOM - BY OWNER			
	EXTERIOR PENDANT	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE	
	WALL SCONCE	CUSTOM - BY OWNER			
	EXTERIOR WALL SCONCE	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUT-OFF FIXTURE	
	1" x 4" LED FLAT PANEL	MFR: METALUX MOD: T41725DC	LUMENS: 2744 CRI: 80 WATT: 20W		
	DUPLEX OUTLET	MFR: LEVITON MOD: DECORA CLR: WHITE			
	DUPLEX OUTLET - SPUR	MFR: LEVITON MOD: DECORA CLR: WHITE			
	DUPLEX OUTLET - USB CHARGER	MFR: LEVITON MOD: DECORA CLR: WHITE			
	GROUND FAULT INTERRUPTER	MFR: LEVITON MOD: DECORA CLR: WHITE			
	RANGE RECEPTACLE	MFR: LEVITON MOD: DECORA CLR: WHITE			
	DRIER OUTLET				
	LEVEL 2 ELECTRIC VEHICLE CHARGER				
	FLOOR OUTLET			BRONZE COVER PLATE	

1 LEVEL 1 CRAWL SPACE OVERALL
SCALE: 1" = 10'-0"

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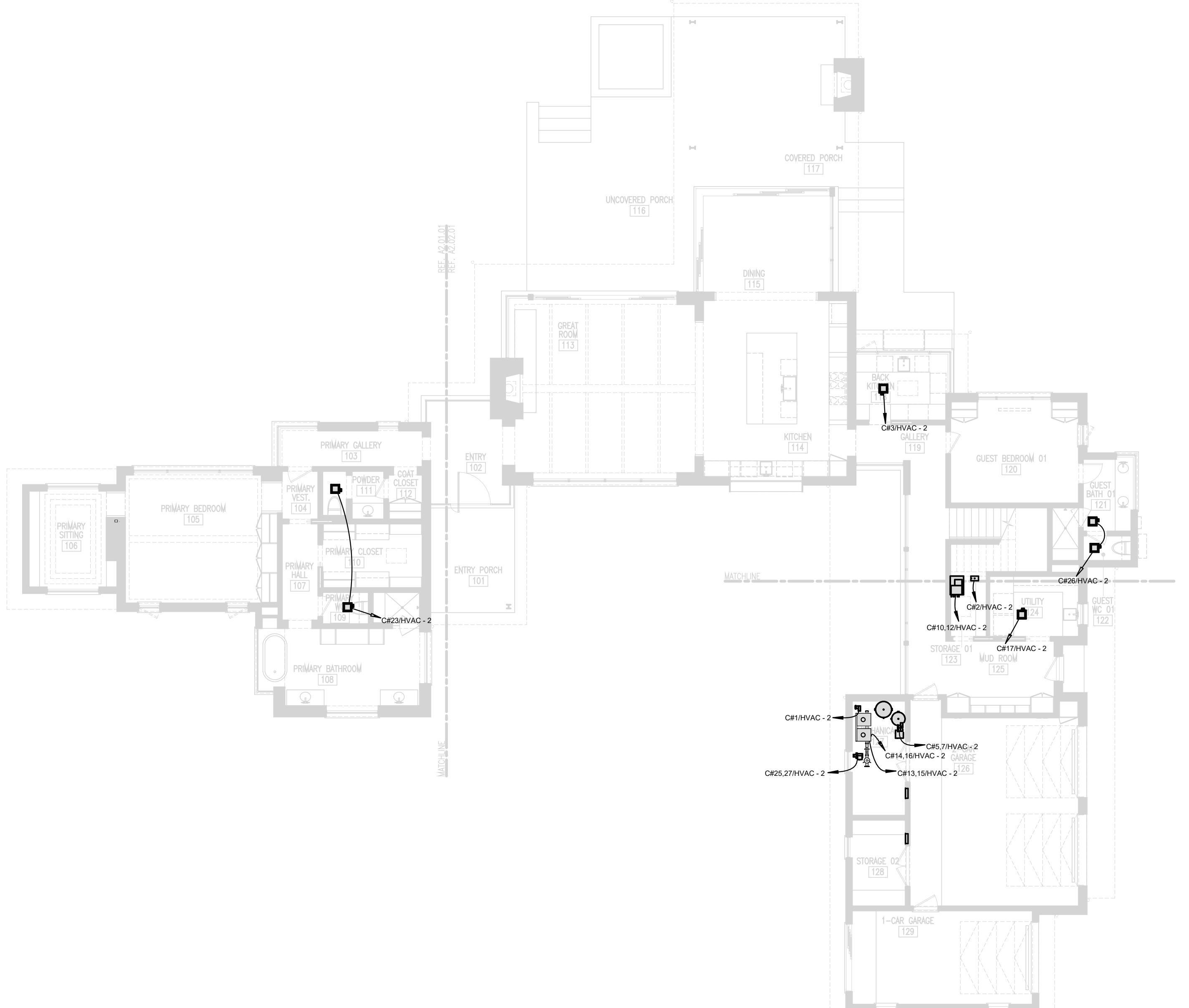
LEVEL 1 HVAC POWER
LAYOUT

E8.01

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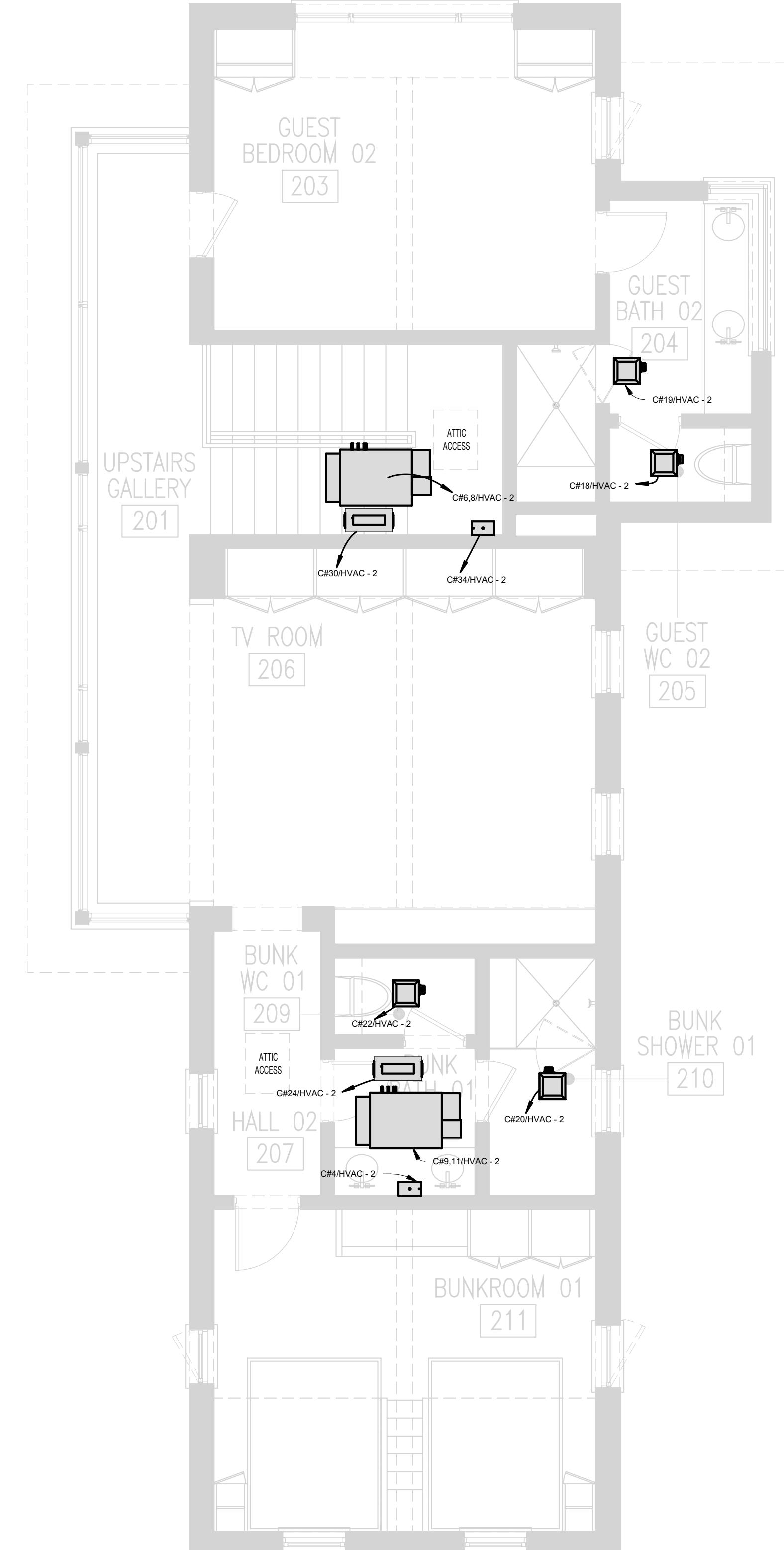
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**LEVEL 2 HVAC POWER
LAYOUT**

E8.02



ELECTRICAL FIXTURE SCHEDULE					
SYMBOL	DESCRIPTION	PRODUCT	LAMP	REMARKS	
□ ↗	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. 3010FLDW-EZTOLICAT TRIM: ALUMINUM LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W MARSH-75-CM	WATT: 12W	C & WET LOCATION RATED	
□ ↗	3" LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. 3010FLDW-EZTOLICAT TRIM: ALUMINUM LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W MARSH-75-CM	WATT: 12W	C & WET LOCATION RATED	
□ →	LED ADJUSTABLE DOWNLIGHT FOR FLAT CEILINGS W/ CLEAR REFLECTOR, 50° BEAM	MFR: COOPER MFG. CO. INC. 3010FLDW-EZTOLICAT TRIM: ALUMINUM LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W MARSH-75-CM	WATT: 12W	C & WET LOCATION RATED	
□ ↗	LED ADJUSTABLE ACCENT DOWNLIGHT PROFILE IN BLACK SCULPT, 12° BEAM	MFR: COOPER MFG. CO. INC. 3010FLDW-EZTOLICAT TRIM: ALUMINUM LUMENS: 1500 COLOR TEMP: 3000K WATT: 12W MARSH-75-CM	WATT: 12W	C & WET LOCATION RATED	
⊕ ↗	4" SURFACE MOUNTED - FIXED	MFR: HALO MSL45469S331EMR	LUMENS: 1081 COLOR TEMP: 3000K		
⊕ P	PENDANT	CUSTOM - BY OWNER			
⊕ EXT-P	EXTERIOR PENDANT	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FIXTURE	
⊕	WALL SCONCE	CUSTOM - BY OWNER			
⊕ EXT-S	EXTERIOR WALL SCONCE	REF: EXTERIOR LIGHTING SPECIFICATIONS		FULL CUTOFF FIXTURE	
■ M	1" x 4" LED FLAT PANEL	MFR: METALUX MSL141254SC	LUMENS: 2744 COLOR TEMP: 3000K		
⊕	DUPLEX OUTLET	MFR: LEVITON MSL DECORA CUR: WHITE			
⊕	DUPLEX OUTLET - SPUR	MFR: LEVITON MSL DECORA CUR: WHITE			
⊕	DUPLEX OUTLET - USB CHARGER	MFR: LEVITON MSL DECORA CUR: WHITE			
GF	GROUND FAULT INTERRUPTER	MFR: LEVITON MSL DECORA CUR: WHITE			
⊕	RANGE RECEPTACLE	MFR: LEVITON MSL DECORA CUR: WHITE			
⊕	DRIVER OUTLET				
EV	LEVEL 2 ELECTRIC VEHICLE CHARGER				
□	FLOOR OUTLET			BRONZE COVER PLATE	



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PANEL SCHEDULES

E9.01

Branch Panel: Main Panel

Location: 2-CAR GARAGE 126
Supply From: Main Panel
Mounting: Surface
Enclosure: Type 1

Volts: 120/240 Single
Phases: 1
Wires: 3

A.I.C. Rating:
Mains Type:
Mains Rating: 800 A
MCB Rating: 800 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	CKT
1	SUB-PANEL	200 A	2	26454...					2
3	--	--	--	19100...	27477...	2	200 A	GUEST HOUSE PANEL	4
5	--			26763...		--	--	--	6
7	HVAC - 2	200 A	2		30722...				8
9	--	--	28574...	45570...		2	300 A	HVAC- 1	10
11	--				45868...	--	--	--	12
13	--								14
15	--								16
17	--								18
19	--								20
21	--								22
23	--								24
25	--								26
27	--								28
29	--								30
31	--								32
33	--								34
35	--								36
37	--								38
39	--								40
41	--								42
43	--								44
45	--								46
47	--								48
49	--								50
51	--								52
53	--								54

Total Load: 127360 VA 123166 VA

Total Amps: 1061 A 1026 A

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	150454 VA	70.00%	107838 VA	
Lighting - Dwelling Unit	1700 VA	100.00%	1700 VA	Total Conn. Load: 250526 VA
Motor	932 VA	112.50%	1049 VA	Total Est. Demand: 159133 VA
Other	31477 VA	50.00%	15738 VA	Total Conn.: 1044 A
Receptacle	59110 VA	50.00%	29555 VA	Total Est. Demand: 663 A
Lighting	3253 VA	100.00%	3253 VA	

Notes:

Branch Panel: SUB- PANEL

Location: STORAGE 128
Supply From: Main Panel
Mounting: Surface
Enclosure: Type 1

Volts: 120/240 Single
Phases: 1
Wires: 3

A.I.C. Rating:
Mains Type:
Mains Rating: 200 A
MCB Rating: 200 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	CKT
1	Room 127, 128, 126, 129	20 A	1	40 VA	139 VA			1	20 A
3	Lighting HALL 02 207	20 A	1		133 VA	151 VA	1	20 A	Lighting GUEST BEDROOM 02 203
5	Lighting UPSTAIRS GALLERY 201	20 A	1	157 VA	187 VA			1	20 A
7	Lighting PRIMARY BATHROOM 108	20 A	1		164 VA	195 VA	1	20 A	Lighting PRIMARY HALL 107
9	UTILITY 124	20 A	1	226 VA	273 VA			1	20 A
11	Room 119, 125	20 A	1		264 VA	278 VA	1	20 A	Room 102
13	GREAT ROOM 113	20 A	1	332 VA	540 VA			1	20 A
15	Room 105, 106	20 A	1		456 VA	600 VA	1	20 A	Receptacle KITCHEN 114
17	Receptacle BUNK ROOM 01 211	20 A	1	1140 VA	6000 VA			1	40 A
19	Room 114, 115	20 A	1		712 VA	800 VA	1	20 A	Receptacle KITCHEN 114
21	Receptacle	20 A	1	360 VA	540 VA			1	20 A
23	Receptacle 2-CAR GARAGE 126	20 A	1		1440 VA	1260 VA	1	20 A	Receptacle BACK KITCHEN 118
25	Receptacle GREAT ROOM 113	20 A	1	720 VA	720 VA			1	20 A
27	Receptacle PLAY ROOM 206	20 A	1		1440 VA	1500 VA	1	20 A	Receptacle BACK KITCHEN 118
29	Receptacle KITCHEN 114	20 A	2	3000 VA	360 VA			1	20 A
31	--	--	--	0 VA	360 VA	1	20 A	Receptacle Room 115	32
33	Receptacle KITCHEN 114	20 A	1	900 VA	1260 VA			1	20 A
35	Receptacle UPSTAIRS GALLERY 201	20 A	1		540 VA	720 VA	1	20 A	Receptacle STORAGE 123
37	Receptacle GALLERY 119	20 A	1	720 VA	930 VA			1	20 A
39	Receptacle KITCHEN 114	20 A	1		720 VA	2000 VA	1	20 A	Receptacle KITCHEN 114
41	Receptacle Room 129, 128, 127	20 A	1	900 VA	750 VA			1	20 A
43	Receptacle UTILITY 124	20 A	1		900 VA	900 VA	1	20 A	Receptacle Room 113
45	Receptacle BACK KITCHEN 118	20 A	1	900 VA	1080 VA			1	20 A
47	Receptacle KITCHEN 114	20 A	1		1500 VA	1320 VA	1	20 A	Receptacle PRIMARY BATHROOM 108
49	Receptacle KITCHEN 114	20 A	1	1500 VA	420 VA			1	20 A
51	Lighting Room 112, 111A, 111	20 A	1		27 VA	720 VA	1	20 A	Receptacle GREAT ROOM 113
53	Receptacle BACK KITCHEN 118	30 A	1	2000 VA	360 VA			1	20 A

Total Load: 26454 VA 19100 VA

Total Amps: 220 A 159 A

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting - Dwelling Unit	1200 VA	100.00%	1200 VA	
Other	80 VA	50.00%	40 VA	Total Conn. Load: 45554 VA
Receptacle	41820 VA	50.00%	20910 VA	Total Est. Demand: 24604 VA
Lighting	2454 VA	100.00%	2454 VA	Total Conn.: 190 A
				Total Est. Demand: 103 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	CKT
1	ERV-1	20 A	1	168 VA	395 VA	2	20 A	FC-2	2
3	Motor	20 A	1		466 VA	395 VA	--	--	4
5	FC-1	20 A	2	2500 VA	2500 VA	2	20 A	FC-3	6
7	--	--	--		2500 VA				

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CREATED BY: [REDACTED] DATE: [REDACTED]

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Branch Panel: GUEST HOUSING												
Location: EXERCISE ROOM 152			Volts: 120/240 Single			A.I.C. Rating:						
Supply From: Main Panel			Phases: 1			Mains Type:						
Mounting: Surface			Wires: 3			Mains Rating: 200 A						
Enclosure: Type 1						MCCB Rating: 200 A						
Notes:												
CKT	Circuit Description	Trip	Poles	A		B		Poles	Trip	Circuit Description	CKT	
1	Room 144, 145	20 A	1	98 VA	495 VA			1	20 A	GUEST KITCHEN 143	2	
3	ERV-6	20 A	1			235 VA	540 VA	1	20 A	Receptacle Room 145, 144	4	
5	Receptacle GUEST BEDROOM 03 146	20 A	1	630 VA	2000 VA			1	30 A	MICROWAVE	6	
7	Receptacle BUNK BATH 02 149	20 A	1			720 VA	800 VA	1	20 A	REFRIGATOR	8	
9	Room 148, 150, 149	20 A	1	176 VA	178 VA			1	20 A	GUEST BEDROOM 03 146	10	
11	DEEP FREEZER	20 A	1			900 VA	1260 VA	1	20 A	Receptacle BUNKROOM 02 148	12	
13	Motor	20 A	1	466 VA	720 VA			1	20 A	Receptacle GUEST BEDROOM 03 146	14	
15	H-10	20 A	1			1908 VA	1920 VA	1	20 A	Receptacle EXERCISE ROOM 152	16	
17	WH-5	30 A	2	1308 VA	3000 VA			2	40 A	ELECTRIC STOVE	18	
19	--	--	--			1308 VA	0 VA	--	--	--	20	
21	FC-9	20 A	2	2500 VA	29 VA			1	20 A	Other Room 150, 144	22	
23	--	--	--			2500 VA	176 VA	1	20 A	Room 151, 147, 142	24	
25	Receptacle GUEST KITCHEN 143	20 A	1	900 VA	960 VA			1	20 A	Receptacle GUEST BEDROOM 01 120	26	
27	Room 152	20 A	1			178 VA	720 VA	1	20 A	Receptacle Room 142, 147	28	
29	H-11	20 A	1	1908 VA	1140 VA			1	20 A	Receptacle GUEST BEDROOM 02 203	30	
31	Receptacle GUEST KITCHEN 143	20 A	1			900 VA	1908 VA	1	20 A	H-9	32	
33	FC-10	20 A	2	395 VA	180 VA			1	20 A	Receptacle EXERCISE 151	34	
35	--	--	--			395 VA				--	36	
37					10000...			2	120 A	MAU-4	38	
39	FC-11	20 A	2			395 VA	10000...	--	--	--	40	
41	--	--	--	395 VA							42	
				Total Load:	27477 VA	26763 VA						
				Total Amps:	229 A	223 A						
Legend:												
ES												
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals				
HVAC		35156 VA		70.00%		24609 VA						
Lighting - Dwelling Unit		500 VA		100.00%		500 VA		Total Conn. Load: 54240 VA				
Motor		466 VA		125.00%		583 VA		Total Est. Demand: 35150 VA				
Other		29 VA		50.00%		14 VA		Total Conn.: 226 A				
Receptacle		17290 VA		50.00%		8645 VA		Total Est. Demand: 146 A				
Lighting		800 VA		100.00%		800 VA						

Notes:

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PANEL SCHEDULES

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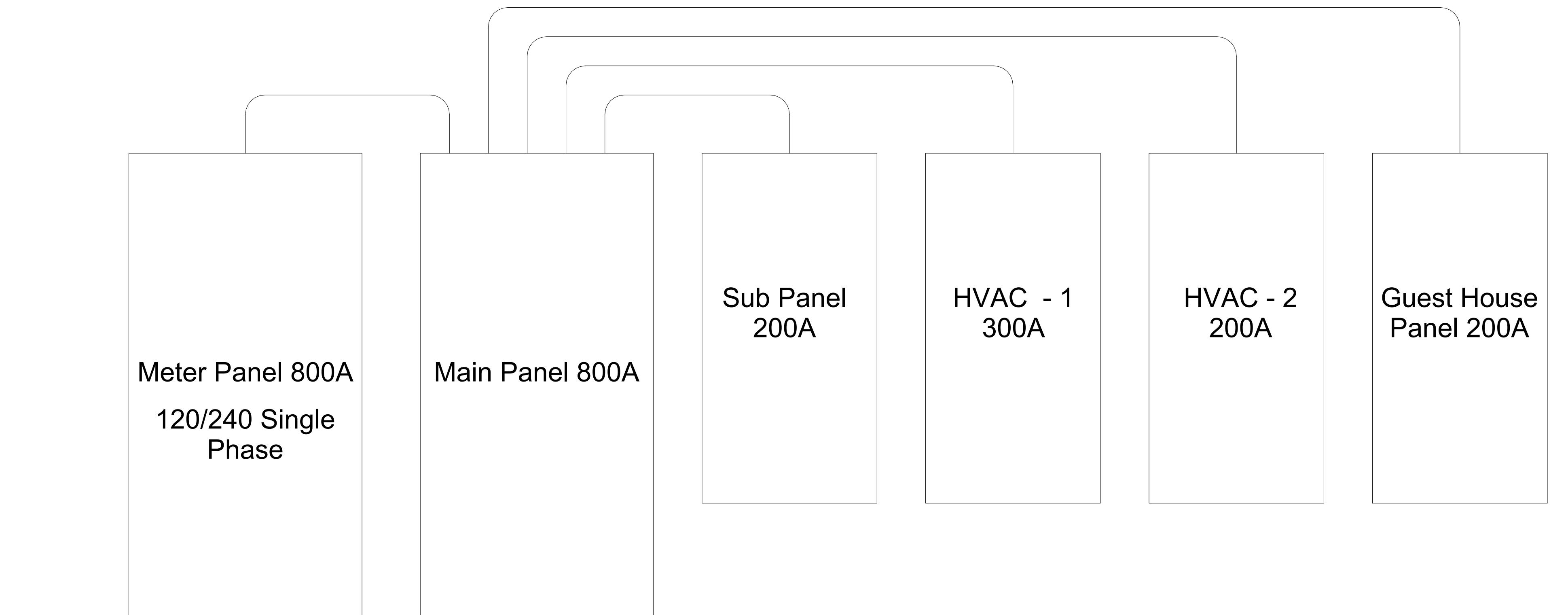
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ONE LINE DIAGRAM

E10.01



⊕ 1 ONE LINE DIAGRAM
SCALE: 1/12" = 1'-0"