

GENERAL ELECTRICAL NOTES:

- 200 AMP ELECTRICAL SERVICE WITH 80 CIRCUIT BREAKER PANEL TO BE INSTALLED
 - ALL SMOKE DETECTORS TO BE INSTALLED AS PER OBC 9.10.19.2
 - A SMOKE ALARM SHALL HAVE A VISUAL SIGNALING COMPONENT CONFORMING TO THE REQUIREMENTS IN 18.5.3 (LIGHT, COLOR AND PULSE CHARACTERISTICS) OF NFPA 72
- NATIONAL FIRE ALARM AND SIGNALING CODE**
- THE VISUAL SIGNALING COMPONENT NEED NOT
 - BE INTEGRATED WITH THE SMOKE ALARM PROVIDED IT IS INTERCONNECTED TO IT,
 - BE ON BATTERY BACKUP, OR
 - HAVE SYNCHRONIZED FLASH RATES, WHEN INSTALLED IN A DWELLING UNIT.
 - THE LUMINOUS INTENSITY FOR VISUAL SIGNALING COMPONENTS THAT ARE INSTALLED IN SLEEPING ROOMS SHALL BE A MINIMUM OF 175 CD (CANDELA)
- ALL CARBON MONOXIDE DETECTORS TO BE INSTALLED AS PER OBC 9.33.4 @
 - EACH FLOOR LEVEL & INTER-CONNECTED SPACE AS PER OBC 9.10.19.2
 - INSTALLED ON CEILING WITHIN EACH BEDROOM
 - DISTANCE FROM ANY LEVEL NOT TO EXCEED 15m (49.2') FROM ANY POINT
 - TO BE INSTALLED AS PER MANUFACTURER'S REQUIREMENTS
 - CONTRACTOR TO REVIEW w/ SITE SUPERVISOR WHEN GANGING SWITCHES & COVER PLATES TOGETHER FOR AESTHETICS PURPOSES
 - ALL SWITCHES TO BE 52" A.F.F. U/N - REFER TO ELECTRICAL DRAWINGS
 - EXACT LOCATIONS OF POTLIGHTS & FIXTURES MAY HAVE TO BE ADJUSTED DUE TO TRUSS, JOIST OR MECHANICAL LOCATIONS
 - ELECTRICAL CONTRACTOR SHALL INFORM SITE SUPERVISOR PRIOR TO INSTALLATION SHOULD THERE BE DISCREPANCIES IN LOCATIONS
 - LOCATIONS OF TRUSSES OR JOISTS WILL NOT BE ALTERED TO SUIT FIXTURES
 - INSTALL TWO 2" DIA. PVC CONDUITS FROM BASEMENT ELECTRICAL PANEL LOCATION TO ATTIC FOR FUTURE WIRING. CONDUITS TO BE CAPPED AT BOTH ENDS
 - ALL ELECTRICAL BOXES IN GARAGES AND PARTY WALLS (TOWNHOMES) ARE TO BE SEALED
 - ALL ELECTRICAL FIXTURE PENETRATIONS IN INSULATED CEILINGS TO HAVE VAPOUR BARRIER BAFFLE BOX INSTALLED

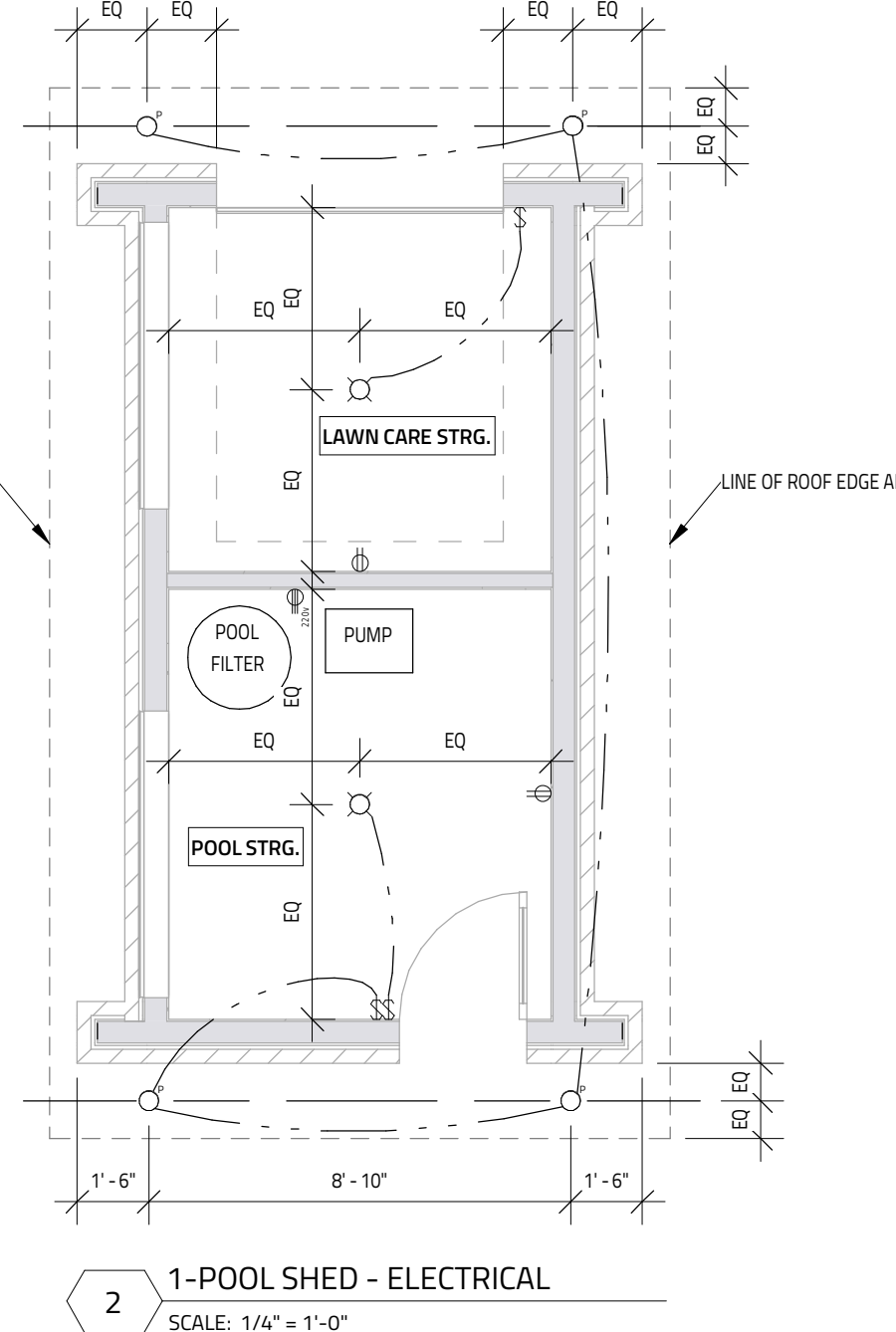
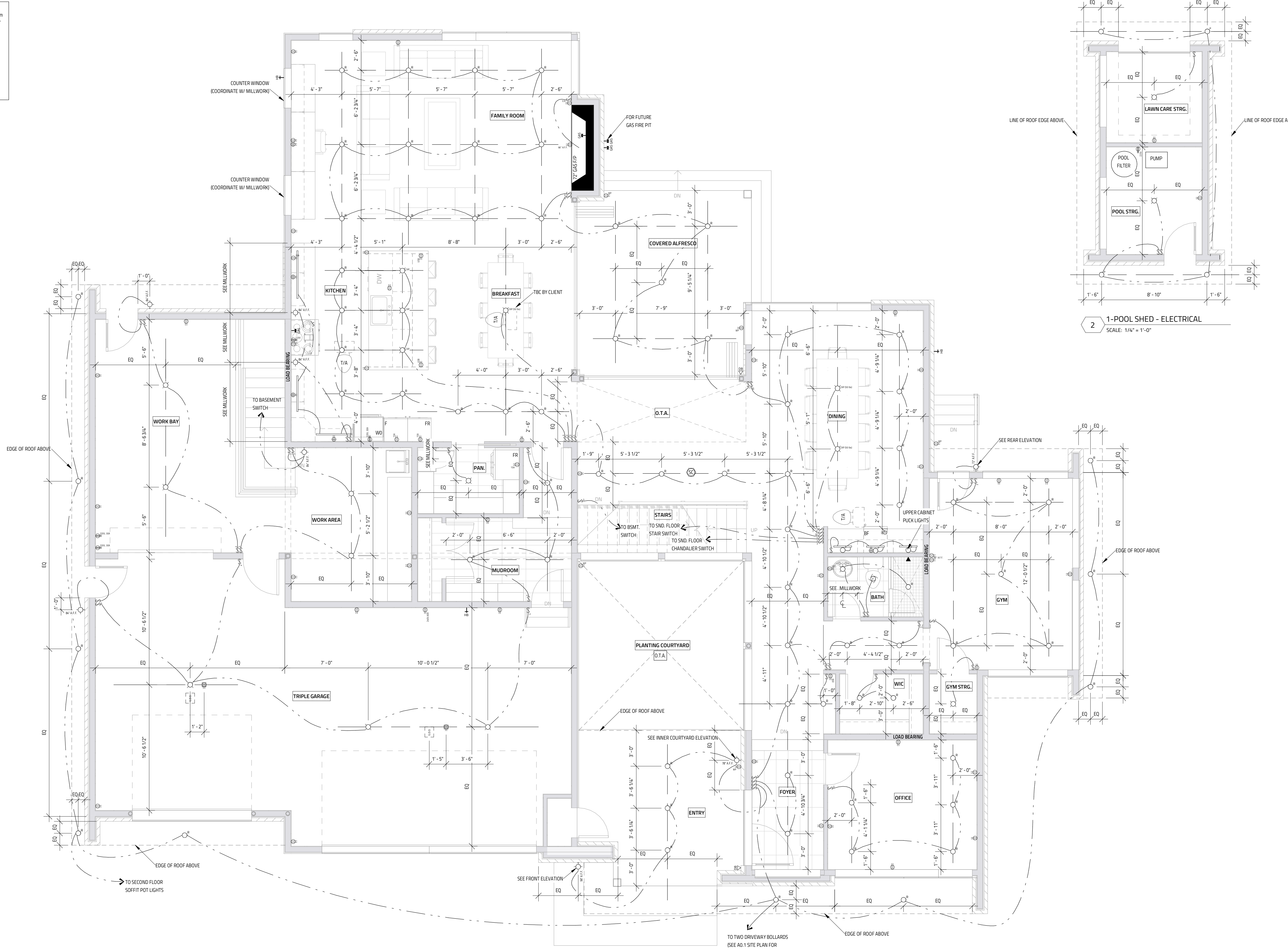
NOTE:
STOVE HOOD FAN IN KITCHEN NOT TO EXCEED 600 CFM WITHOUT THE REQUIREMENT OF A MAKE UP AIR UNIT

NOTE:
SWITCHES ARE TO BE LOCATED 52" FROM FLOOR TO CENTRE UNLESS NOTED OTHERWISE.

NOTE:
SWITCHES, PLUGS AND POTLIGHTS MAY NOT BE EXACTLY AS LOCATED ON THE DRAWINGS DUE TO STRUCTURE, PLUMBING OR MECHANICAL RUNS

ELECTRICAL LEGEND

- SINGLE POLE SWITCH
- THREE-WAY SWITCH
- FOUR-WAY SWITCH
- DIMMER SWITCH
- FURNACE SWITCH
- SURFACE MOUNTED LIGHT FIXTURE
- CAPPED OUTLET
- WALL MOUNTED LIGHT FIXTURE
- RECESSED POT LIGHT
- UNDER CABINET VALENCE LIGHTING
- UNDER CABINET PUCK LIGHT
- DUPLEX RECEPTACLE
- SPLIT DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE LOWER 1/2 SWITCHED
- 220V DUPLEX RECEPTACLE
- FLUSH CEILING MOUNTED DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE, GROUNDING WITH INTEGRAL G.F.C.I. & GASKETTED
- DUPLEX RECEPTACLE, GROUNDING WITH INTEGRAL G.F.C.I. & GASKETTED, WATERPROOF C/W SELF-CLOSING COVER
- DOOR BELL
- THERMOSTAT - FURNACE
- THERMOSTAT - HRV
- EXHAUST FAN
- SMOKE ALARM
- SMOKE/CARBON MONOXIDE DETECTOR, INTER-CONNECTED
- ELECTRICAL PANEL
- NETWORK PANEL
- 2" PVC CONDUIT PIPE
- GARAGE DOOR OPENER
- SANITARY SEWER CLEANOUT & BACK WATER VALVE
- STORM SEWER CLEANOUT & BACK WATER VALVE
- WATER SERVICE
- FLOOR DRAIN
- HOSE BIB - NON FREEZE
- GAS LINE ROUGH-IN C/W SHUT OFF VALVE



NO. REVISION		DATE	DESCRIPTION
1	ELECTRICAL FINAL	OCTOBER 27, 2020	
2	ELECTRICAL 01 REVIEW	OCTOBER 19, 2020	

DATE DRAWN	SCALE
OCTOBER 15, 2020	1/4" = 1'-0"
DRAWN BY	FILE NAME
REV	
CHECKED BY	DWG. NO.
REV	E2.0

Evolution DESIGN & DRAFTING
11613-884-7068/11

GROUND FLOOR ELECTRICAL

BASEMENT: 1463 SQ.FT. FINISHED
BASEMENT: 657 SQ.FT. UN-FINISHED
GROUND: 2292 SQ.FT.
SECOND: 1777 SQ.FT. + 78 SQ.FT. O.T.B.
TOTAL: 4069 SQ.FT. (NO BASEMENT/O.T.B.)

OTTAWA, ON