



Village of Oak Brook

1200 Oak Brook Road
Oak Brook, IL 60523-2255
Website
www.oak-brook.org

Administration
630.368.5000
FAX 630.368.5045

**Community
Development**
630.368.5101
FAX 630.368.5128

**Engineering
Department**
630.368.5130
FAX 630.368.5128

Fire Department
630.368.5200
FAX 630.368.5251

Police Department
630.368.8700
FAX 630.368.8739

**Public Works
Department**
630.368.5270
FAX 630.368.5295

**Oak Brook
Public Library**

600 Oak Brook Road
Oak Brook, IL 60523-2200
630.368.7700
FAX 630.368.7704

Oak Brook Sports Core

Bath & Tennis Club
700 Oak Brook Road
Oak Brook, IL 60523-4600
630.368.6420
FAX 630.368.6439

Golf Club
2606 York Road
Oak Brook, IL 60523-4602
630.368.6400
FAX 630.368.6419

GENERATOR REQUIREMENTS

TWO PERMITS are required, as detailed below:

Please review the ENTIRE list below and initial EACH item as provided.

1. GENERAL PERMIT:

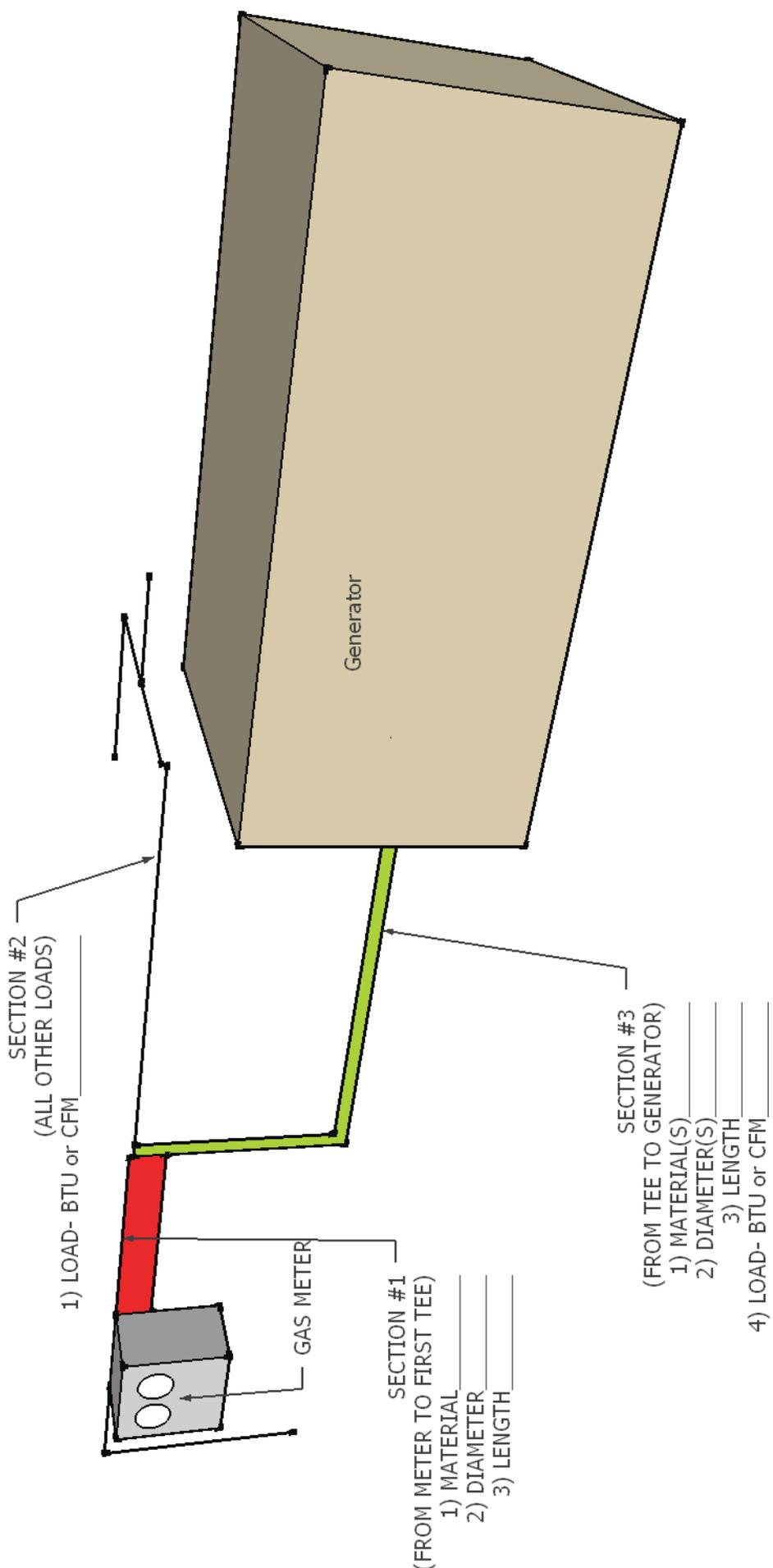
- _____ a. Completed General Permit application form, including contractor information.
- _____ b. Homeowner's Association approval letter (when appropriate).
- _____ c. Verification from NICOR that the gas meter and service are adequate for all concurrent loads (see SAMPLE attachment).
- _____ d. **TWO COPIES** Plat of survey indicating location of proposed unit including dimensions:
 - _____ i. To structure(s), windows & doors, and property line(s).
MINIMUM 12 FEET (12') FROM PROPERTY LINES.
 - _____ ii. Required working space at electrical disconnect(s).
- _____ e. **TWO COPIES** Specifications and details of installation, including:
 - _____ i. Gas isometric from meter to generator (use the attachment) indicating all concurrent loads on each segment.
 - _____ ii. Gas line burial depths & tracer (if required) details.
- _____ f. **TWO COPIES** Specifications and details of pad and screening.
- _____ g. **TWO COPIES** Specifications and details regarding sound levels generated.

2. ELECTRICAL PERMIT:

- _____ a. A licensed electrical contractor- (verification of current license obtained by testing).
- _____ b. Completed and Signed Electrical Permit application form.
- _____ c. **TWO COPIES** Full specifications and details, including-but not limited to:
 - _____ i. Manufacturer's specifications for generator and ATO Switch.
 - _____ ii. One line diagrams:
 - _____ 1. Wire and pipe size, material, and burial depths (if appropriate).
 - _____ 2. Grounding.

Since the Village of Oak Brook has a variety of zoning districts with differing requirements, staff reviews the locations after submittal rather than encourage individual interpretations. For the specifics of the ordinance, please feel free to refer to Chapter 13 of the Village Code (www.oak-brook.org).

DID YOU PROVIDE COMPLETE INFORMATION FOR **EVERY** LINE?
INCOMPLETE SUBMITTALS WILL NOT BE APPROVED.



**TABLE G2413.4(1) [402.4(2)]
SCHEDULE 40 METALLIC PIPE**

Gas	Natural
Inlet Pressure	Less than 2 psi
Pressure Drop	0.5 in. w.c.
Specific Gravity	0.60

PIPE SIZE (inches)														
Nominal	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
Actual ID	0.622	0.824	1.049	1.380	1.610	2.067	2.469	3.068	4.026	5.047	6.065	7.981	10.020	11.938
Length (ft)	Capacity in Cubic Feet of Gas per Hour													
10	172	360	678	1,390	2,090	4,020	6,400	11,300	23,100	41,800	67,600	139,000	252,000	399,000
20	118	247	466	957	1,430	2,760	4,400	7,780	15,900	28,700	46,500	95,500	173,000	275,000
30	95	199	374	768	1,150	2,220	3,530	6,250	12,700	23,000	37,300	76,700	139,000	220,000
40	81	170	320	657	985	1,900	3,020	5,350	10,900	19,700	31,900	65,600	119,000	189,000
50	72	151	284	583	873	1,680	2,680	4,740	9,660	17,500	28,300	58,200	106,000	167,000
60	65	137	257	528	791	1,520	2,430	4,290	8,760	15,800	25,600	52,700	95,700	152,000
70	60	126	237	486	728	1,400	2,230	3,950	8,050	14,600	23,600	48,500	88,100	139,000
80	56	117	220	452	677	1,300	2,080	3,670	7,490	13,600	22,000	45,100	81,900	130,000
90	52	110	207	424	635	1,220	1,950	3,450	7,030	12,700	20,600	42,300	76,900	122,000
100	50	104	195	400	600	1,160	1,840	3,260	6,640	12,000	19,500	40,000	72,600	115,000
125	44	92	173	355	532	1,020	1,630	2,890	5,890	10,600	17,200	35,400	64,300	102,000
150	40	83	157	322	482	928	1,480	2,610	5,330	9,650	15,600	32,100	58,300	92,300
175	37	77	144	296	443	854	1,360	2,410	4,910	8,880	14,400	29,500	53,600	84,900
200	34	71	134	275	412	794	1,270	2,240	4,560	8,260	13,400	27,500	49,900	79,000
250	30	63	119	244	366	704	1,120	1,980	4,050	7,320	11,900	24,300	44,200	70,000
300	27	57	108	221	331	638	1,020	1,800	3,670	6,630	10,700	22,100	40,100	63,400
350	25	53	99	203	305	587	935	1,650	3,370	6,100	9,880	20,300	36,900	58,400
400	23	49	92	189	283	546	870	1,540	3,140	5,680	9,190	18,900	34,300	54,300
450	22	46	86	177	266	512	816	1,440	2,940	5,330	8,620	17,700	32,200	50,900
500	21	43	82	168	251	484	771	1,360	2,780	5,030	8,150	16,700	30,400	48,100
550	20	41	78	159	239	459	732	1,290	2,640	4,780	7,740	15,900	28,900	45,700
600	19	39	74	152	228	438	699	1,240	2,520	4,560	7,380	15,200	27,500	43,600
650	18	38	71	145	218	420	669	1,180	2,410	4,360	7,070	14,500	26,400	41,800
700	17	36	68	140	209	403	643	1,140	2,320	4,190	6,790	14,000	25,300	40,100
750	17	35	66	135	202	389	619	1,090	2,230	4,040	6,540	13,400	24,400	38,600
800	16	34	63	130	195	375	598	1,060	2,160	3,900	6,320	13,000	23,600	37,300
850	16	33	61	126	189	363	579	1,020	2,090	3,780	6,110	12,600	22,800	36,100
900	15	32	59	122	183	352	561	992	2,020	3,660	5,930	12,200	22,100	35,000
950	15	31	58	118	178	342	545	963	1,960	3,550	5,760	11,800	21,500	34,000
1,000	14	30	56	115	173	333	530	937	1,910	3,460	5,600	11,500	20,900	33,100
1,100	14	28	53	109	164	316	503	890	1,810	3,280	5,320	10,900	19,800	31,400
1,200	13	27	51	104	156	301	480	849	1,730	3,130	5,070	10,400	18,900	30,000
1,300	12	26	49	100	150	289	460	813	1,660	3,000	4,860	9,980	18,100	28,700
1,400	12	25	47	96	144	277	442	781	1,590	2,880	4,670	9,590	17,400	27,600
1,500	11	24	45	93	139	267	426	752	1,530	2,780	4,500	9,240	16,800	26,600
1,600	11	23	44	89	134	258	411	727	1,480	2,680	4,340	8,920	16,200	25,600
1,700	11	22	42	86	130	250	398	703	1,430	2,590	4,200	8,630	15,700	24,800
1,800	10	22	41	84	126	242	386	682	1,390	2,520	4,070	8,370	15,200	24,100
1,900	10	21	40	81	122	235	375	662	1,350	2,440	3,960	8,130	14,800	23,400
2,000	NA	20	39	79	119	229	364	644	1,310	2,380	3,850	7,910	14,400	22,700

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square inch = 6.895 kPa, 1-inch water column = 0.2488 kPa,
1 British thermal unit per hour = 0.2931 W, 1 cubic foot per hour = 0.0283 m³/h, 1 degree = 0.01745 rad.

Notes:

1. NA means a flow of less than 10 cfh.
2. All table entries have been rounded to three significant digits.

Section 3 Site Selection and Preparation

3.1 — Site Selection

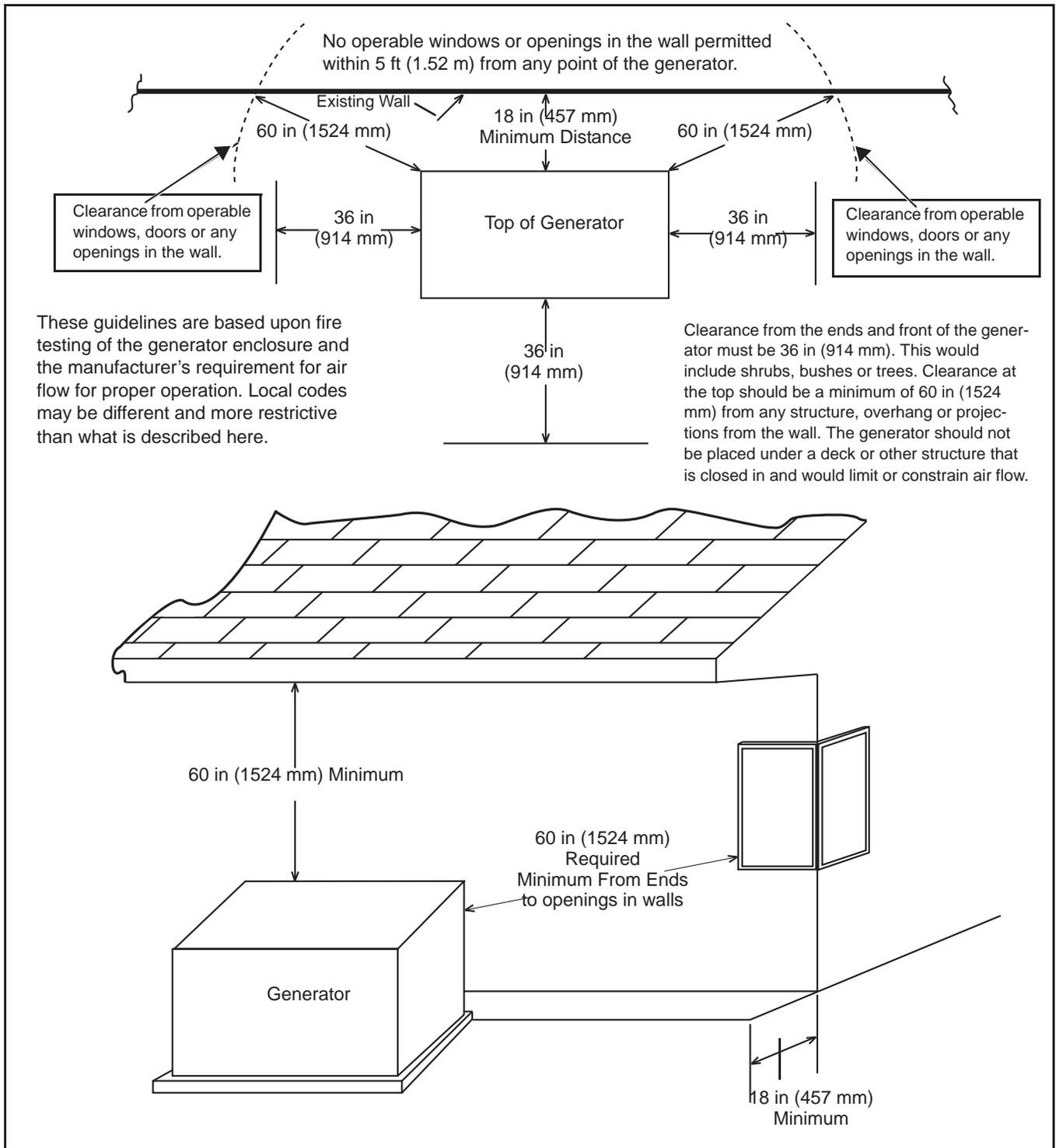
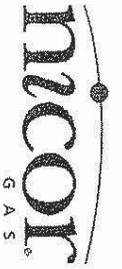


Figure 3-1. Installation Guidelines

THESE MINIMUM DIMENSIONS WILL BE FIELD VERIFIED AT THE TIME OF INSPECTION



Melissa Thomas
 Service Representative
 Customer Development
 Phone: 630-388-3776
mthomas@aglresources.com

CUSTOMER NAME: _____
CONTACT NAME: _____
EXISTING ADDRESS: _____, Oak Brook, IL 60523-2756

Re: Upgraded gas meter because of generator.

****If any equipment you are adding requires a minimum gas pressure greater than 6.5 to 6.75" water column please indicate gas pressure required.**

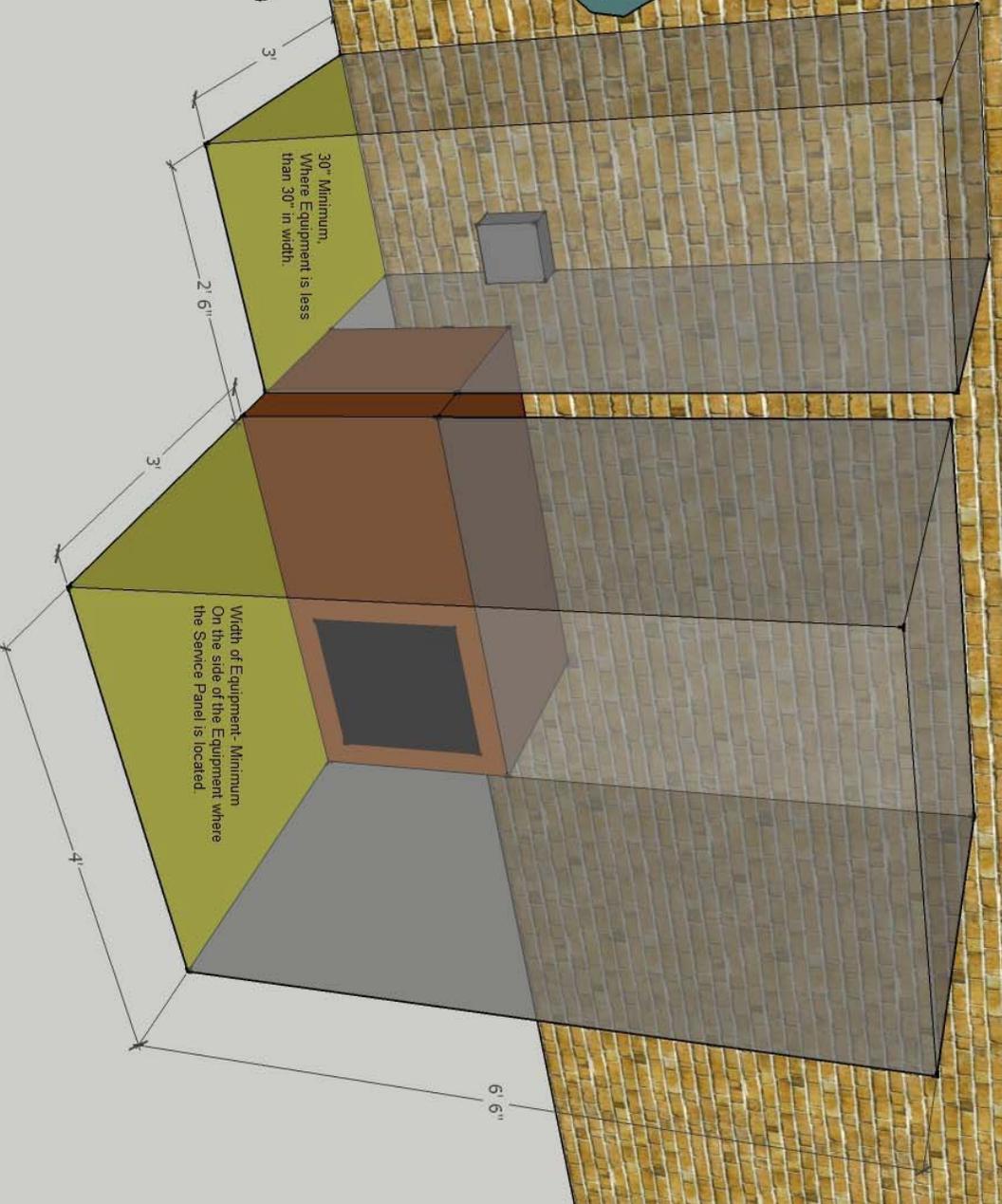
CURRENT EQUIPMENT		EQUIPMENT TO BE ADDED		EQUIPMENT TO BE REMOVED		
Appliance Name	BTU Input	Appliance Name	BTU Input	**Minimum Gas Pressure Required	Appliance Name	BTU Input
Furnace	80,000	Generator	240,000	1/2 lb, 5 - 11 wc		
Hot Water	65,000					
Stove	20,000					
Dryer	25,000					
With addition of generator, current meter is inadequate. New gas meter ordered on 9/1/10.						

Please fill out applicable sections and return to Nicor. Your order CANNOT proceed without this information.
 **Minimum Gas Pressure on added equipment must be complete
 Please make copies if necessary.

Depth of Working Space. The depth of the working space in the direction of live parts shall not be less than 36".

Width of Working Space. The width of the working space in front of the electrical equipment shall be the width of the equipment or 62 mm (30 in.), whichever is greater. In all cases, the work space shall permit at least a 90 degree opening of equipment doors or hinged panels.

Headroom. The minimum headroom of working spaces about service equipment, switchboards, panelboards, or motor control centers shall be 2.0 m (6;5-ft).



GENERAL PERMIT APPLICATION

1200 Oak Brook Road
Oak Brook, IL 60523
630-368-5101

Hours: Monday - Friday 8:00 am- 4:30 pm

Fair market project value at prevailing wage:\$ _____

Property Address _____ Suite/Floor # _____

This project is: New Construction Addition/Alteration Other The occupancy type is: Commercial Residential

Tenant/Occupant: _____ Phone: _____

Name: _____ Address: (Street & Town) _____ Phone: _____

Owner _____

Architect _____

G. C. _____

Electrician _____

Plumber _____

Excavator _____

Concrete _____

Mason _____

Carpenter _____

Sewer _____

HVAC _____

Roofer _____

Description of work: _____

**NAME of OWNER/AGENT: _____ PLEASE PRINT LEGIBLY

**SIGNATURE of OWNER/AGENT: _____ DATE: _____

CONTACT NAME: _____ PLEASE PRINT LEGIBLY PHONE: _____ EMAIL: _____

ADDRESS: STREET _____ MUNICIPALITY _____ ZIP _____

ACCOUNTING CODE	FOR OFFICE USE ONLY	AMOUNT
4210	STRUCTURE	
4212	PLUMBING	
4211	ELECTRICAL	
4301	ELEVATOR INSPECTIONS	
4309	INSPECTION FEES	
4215	ACCESSORY STRUCTURES	
4216	HVAC	
4219	MISC. LICENSES & PERMITS	
4303	BLDG. PLAN REVIEW FEES	
4321	ENG. PLAN REVIEW FEES	
1365	RECORDING FEES	
10-1365	BUILDING CONSULTANT	
4332	CONSTRUCTION WATER	
4333	WATER TAP/CONNECTION	
4335	WATER METER	
51-4309	WATER INSPECTIONS	
51-4303	WATER PLAN REVIEW FEES	

-OFFICE USE ONLY-

PERMIT NO. _____

DATE ISSUED _____

Approval is subject to local Codes and Ordinances. Oak Brook follows **ICC CODES, 2015** Edition. Local Amendments are available on the village website. www.oak-brook.org

**In addition to the required applications and permit fees, signatory agrees to reimburse the village for any additional fees - including consulting plan review fees within thirty (30) days of the date the village seeks reimbursement for such charges.

APPROVED

ZONING _____ DATE _____

ENGINEERING _____ DATE _____

BUILDING _____ DATE _____

FEE AND BOND TOTALS

FEES \$ _____

BONDS \$ _____

