

# NWOBOA

## Mechanical Systems Description Form

Job site

Address: \_\_\_\_\_ Contractor: \_\_\_\_\_

Work Type:         NEW                     Replacement

**HEATING, VENTILATION & AIR CONDITIONING SYSTEM DESCRIPTIONS (select items as listed)**

1. Furnace location:	Basement	Garage	Attic	Other _____		
2. Water heater location:	Basement	Garage	Attic	Other _____		
3. Condensing unit location:	Rear yard	Side yard	(left)	(right)		
4. Furnace/water heater capacity:	BTU's _____					
5. Fuel type:	Natural gas	L.P.	Electric			
6. Furnace AFUE rating:	80%	90%+				
7. Ductwork type:	Sheet metal	Duct board				
8. Air conditioner capacity:	_____Ton					
9. Air conditioning SEER rating:	11	12	13	14	15	16
10. Location of gas meter:	Front yard	Rear yard	Side yard	(left)	(right)	
11. Location of vent terminations for:	(dryers; front/rear/side-yard/other _____)					
	(furnace; front/rear/side-yard/other _____)					
	(water heater; front/rear/side-yard/other _____)					

**PLUMBING SYSTEM DESCRIPTION (write in number of fixtures below)**

Description	Count	Description	Count	Description	Count
Water Closet		Dishwashers		Sewage grinders	
Lavatories sinks		Garbage disposals		Bidets	
Whirlpools		Drinking fountains		Laboratory sinks	
Hot tubs		Urinals		Hot water dispensers	
Showers		Shampoo bowls		Water heaters	
Floor drains		Grease/oil interceptor		Backflow devices	
Laundry tubs		Floor sinks		Washers automatic	
Select size below for building main drain				Sump pumps	
3 inch	4 inch	6 inch			
Building water service size;	1 inch	1 ¼ inch	1 ½ inch	2 inch	
Building water service type;	copper	plastic			

**ELECTRICAL SYSTEM DESCRIPTION (write in sizes as required and select items listed below)**

Underground service <input type="checkbox"/>	Single phase <input type="checkbox"/> Three phase <input type="checkbox"/>
Overhead service <input type="checkbox"/>	Number of 120 Volt circuits:
Service conductor Size: #4    #2    2/0    4/0    other	Number of 240 Volt circuits:
Service type:    (aluminum)    (copper)	Service size: 100amp    200amp    400amp    other
Grounding electrode Conductor size:    #6    #4    other	Service location: front/rear/side-yard/other
Grounding electrode Type:                (aluminum)    (copper)	Attach load calculation per NEC 220

Reviewed by \_\_\_\_\_

Building Department \_\_\_\_\_