PERMITS AND INSPECTIONS

FIRE SPRINKLER SYSTEM – SUBMITTAL CHECKLIST AND APPLICATION

PROJECT			
911 Assigned Address:			
Subdivision:	Lot:	Blk:	Sec:

PROJECT			
New Construction	Addition/Remodel	Demolition	Other:
Number of stories:	Bldg Valuation:	Architectural Barriers EABPRJ#	
Area 1st Floor:	Area 2nd Floor	Area Mezzanine:	Total Area:
Brief Description of Work:			

OWNER		
Name:	Phone:	Fax:
Address:		
Email:		

CONTRACTOR		
Name:	Phone:	Fax:
Address:		
Email:		

POINT OF CONTACT INFORMATION		
Name:	Phone:	Fax:
Title:		
Address:		
Email:		

The following checklist is intended to assist the installing contractor in designing, and submitting for review, a code compliant fire alarm system. This document in no way details all of the requirements that may be necessary for a complete code compliant system. **The checklist must be completed, in its entirety, prior to plans being accepted for review. Plans are designed using the following codes.**

1. 2009 International Fire Code.
2. 2009 International Building Code.
3. 2007 Edition of NFPA 13, 13R, AND 13D.
4. 2007 Edition of NFPA 72

Each question should be marked "Yes" or "N/A". If a question is marked "No", the submittal must be accompanied by a written explanation, with code references, in order to be accepted for review.

SECTION 1: BASIC INFORMATION				
YES	NO		**a.**	Is the name of the contractor submitting plans included **ON** the plans?
YES	NO		**b.**	Has the project name and address been included **ON** the plans?
YES	NO		**c.**	Do plans indicate the NFPA Standard (including edition) that the installation will comply with? o 13 o 13R o Other
YES	NO		**d.**	Do plans indicate system type? o Wet o Dry o Deluge o Foam o Standpipe
YES	NO		**e.**	Do plans include system work description? o Overhead Only o Overhead and Stub-out (5'-0" outside to 1'-0" AFF) o Stub-out and Underground/Main

YES	NO		**f.**	Do plans describe scope of project? o New Sprinkler System o Sprinkler System Modification or Remodel o Hydrants – Including Underground Fire Line/Main o Underground Fire Line (No Fire Hydrants) o Standpipe(s) o Class I o Class II o Class III
YES	NO		**g.**	Does each sheet in the plans contain design professional signature, licensing information, and company name?
YES	NO		**h.**	Does each sheet have a page number?
YES	NO	N/A	**i.**	Do plans show reference information of "work by others" including, but not limited to, fire service line?

SECTION 2: BUILDING INFORMATION				
YES	NO		**a.**	Has the following information been provided? o Occupancy Type o Occupancy Load o Number of Stories o Square Footage of Area Scope or Building
YES	NO		**b.**	Are floor plans drawn to scale?
YES	NO		**c.**	Do plans label all spaces of the structure according to their use?

YES	NO	N/A	**d.**	If for an assisted living facility, do plans indicate type of State of Texas DADS license being sought? **Type A: Will be classified as Residential. NFPA 13R system required.** **Type B: Will be classified as Institutional. NFPA 13 system required.** **NOTE: If Type A, submittal must include a letter from the owner of the facility stating the number of patients and that they are all capable of self-preservation.**
YES	NO	N/A	**e.**	Do plans show all roll back doors and overhead doors?
YES	NO	N/A	**f.**	Do plans show all skylights, domes, and unusual ceilings?
YES	NO	N/A	**g.**	Do plans indicate all HVAC ducts and obstructions over 4 feet?

SECTION 3: SYSTEM COMPONENTS				
YES	NO		**a.**	Do plans show make, model, size, K-factor, temp, style, and quantity for all sprinkler heads and other applicable material and equipment used in the sprinkler system? (Include cut sheets).
YES	NO		**b.**	Do plans give an accurate riser detail, including location? Is tamper monitoring included on all valves?
YES	NO		**c.**	Do plans show double check backflow preventer inside on the riser, before the FDC tap?
YES	NO		**d.**	Do plans show inspector's test and auxiliary drain locations?
YES	NO		**e.**	Do plans show location of water flow alarm?
YES	NO		**f.**	Do plans show all hangars and spacing?
YES	NO		**g.**	Do plans show detail of each type of hangar being used?
YES	NO		**h.**	Do plans show all sprinkler pipe sizes?
YES	NO	N/A	**i.**	Do plans show all elevation changes of pipe?
YES	NO	N/A	**j.**	Do plans show the method of protection for non-metallic piping?
YES	NO	N/A	**k.**	Do plans show rack cross sections and commodity class?
YES	NO		**l.**	Do plans show accurate freeze protection details or otherwise indicate that proper temperatures will be maintained?
YES	NO	N/A	**m.**	Do plans indicate coverage for all areas of residential structures including restrooms, pantries, and closets?

YES	NO	N/A	**n.**	Do plans indicate coverage for all overhangs, canopies, or porte cocheres that will be subject to storage or vehicular traffic?
YES	NO		**o.**	Do plans indicate coverage of all required areas including elevator shafts?
YES	NO	N/A	**p.**	Do plans show location of Fire Department Connection (FDC)? **NOTE: FDC must be remote, outside of building collapse zone, on the address side of the building, easily accessible along fire apparatus access road, and within the required distance of a fire hydrant per the 2009 IFC.**
YES	NO		**q.**	Is remote area correctly and accurately outlined?
YES	NO		**r.**	Do plans provide hydraulic design calculations for new systems or for modifications to an existing system which affects the hydraulically most remote area of the system? Do calculations include a 10 PSI safety factor?

SECTION 4: UNDERGROUND PIPING				
YES	NO		**a.**	Do plans indicate the type, lengths, and minimum bury depth for underground pipe?
YES	NO		**b.**	Do plans indicate thrust block locations and details for underground pipe?
YES	NO		**c.**	Do plans indicate installation of a continuous multi-strand #14 copper tracer wire, located directly over buried lines and accessible at each valve stack?

SECTION 5: MISCELLANEOUS				
YES	NO		**a.**	Is copy of State of Texas license included with submission packet?
YES	NO		**b.**	Are **ALL** submittal documents consistent with each other; are they thorough and comprehensive in nature and scope; are they neatly and professionally packaged? **Does submission include 2 hard copies and 1 PDF on a disk?**

I hereby attest that, to the best of my knowledge, the aforementioned checklist information is accurate and adequate for the fire alarm system being submitted. I further attest, to the best of my knowledge, that the fire suppression system being submitted meets all applicable codes and standards.

Signature of Applicant Printed Name Date

How do you prefer to receive correspondence? Please circle one. Mail, E-Mail, Fax, Pick-up.

OFFICE USE ONLY

Regulated Floodplain: In Out	Zone:	BFE:	LFFE:	Panel #	

Zoning District:	

Additional Notes:

Approved by:	Date:	Issued by:	Date:

Building Permit Fees:	Plan Review Fees:	Inspection Fees:
Registration Fees:	Tap Fees:	Other Fees:
Total Fees:	Permit Number:	

City of Oak Ridge North

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