





www.harnett.org

Fire Marshal Division

P.O. Box 370 Lillington, NC 27546 910-893-7580



Emergency Services Department

Application for Plan Review

Permit Type: Automatic I	Fire Extinguishing System - Fixed Fire Suppression Systems/Sprinkler
Date Received:	Received By:
Name of Project: Carl	lie C's IGA #855
Physical Address of Proje	333 Raleigh St, Angier , NC, 27501
	10/2024
Project Phone:	(
Contact Person/Address:	Shawn Walker
	4055 Hodges Chapel Road, Dunn, NC, 28334
Contact Phone:	()
Contractor's Name/Info:	
Contractor's Phone:	(910)-892 - 1700
Contact Email: swalke	r@carolinafireprotection.com

- Plans that are submitted will be reviewed as quickly as possible with an average time of review between 7-10 working days.
- Status checks may be conducted on plan reviews by visiting the website http://hteweb.harnett.org/Click2GovBP/Index.jsp or by calling the Harnett County Central Permitting Office (910-893-7525: Opt. 2), or the Harnett County Fire Marshal's Office (910-893-7580).
- Approved plans must be picked up from the Central Permitting Office and all fees paid before any required inspections can be conducted.

GENERAL NOTES

- 1.) CFP (CAROLINA FIRE PROTECTION) IS TO MODIFY EXSITING WET PIPE SYSTEM BASED ON TENANT SPACE RENOVATION, PER NFPA 13, 2013 EDITION.
- 2.) ALL BREAKOVERS AND DROPS TO BE 1" SCHEDULE 40.
- 3.) ALL UNSUPPORTED BREAKOVERS SHALL NOT EXCEED 24".
- 4.) ALL AREAS IN WHICH PIPING IS INSTALLED SHALL BE HEATED AND MAINTAINED AT 40° F MINIMUM BY OWNER.
- 5.) ALL SPRINKLER PIPE USED SHALL BE 1" SCH 40
- 6.) ALL MATERIALS TO BE U.L. LISTED AS REQUIRED BY NFPA 13.
- 7.) SCOPE OF WORK: REPLACE (16) PENDENT SPRINKLERS WITH (16) UPRIGHTS ON SPRIG-UPS.

LEGEND ■ NEW PIPE EXISTING PIPE **BAR JOIST**

MEK OUTLET OR MECHINICAL TEE PLUG

EXISITNG 1" OUTLET

NEW SEMI RECESSED PENDENT

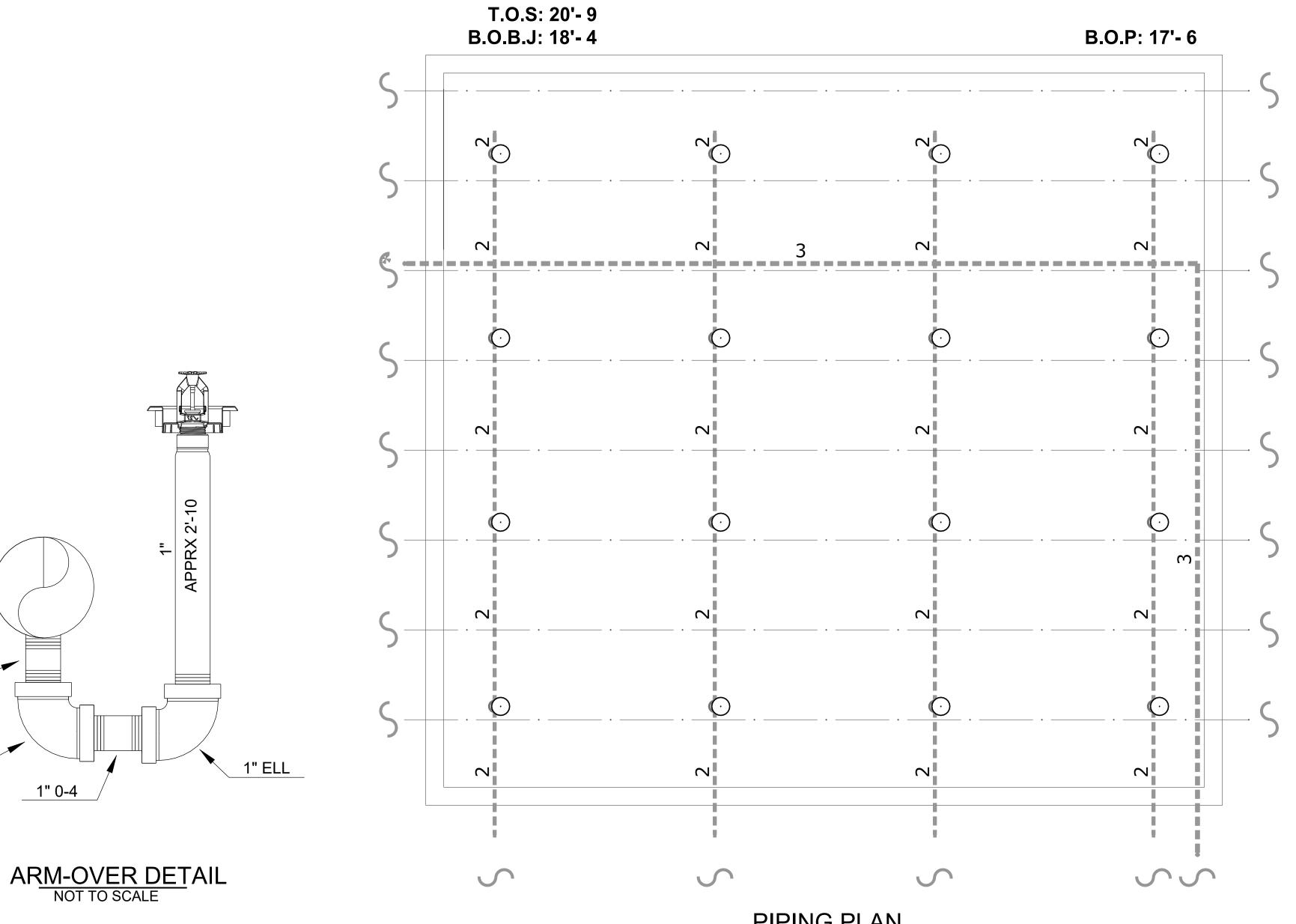


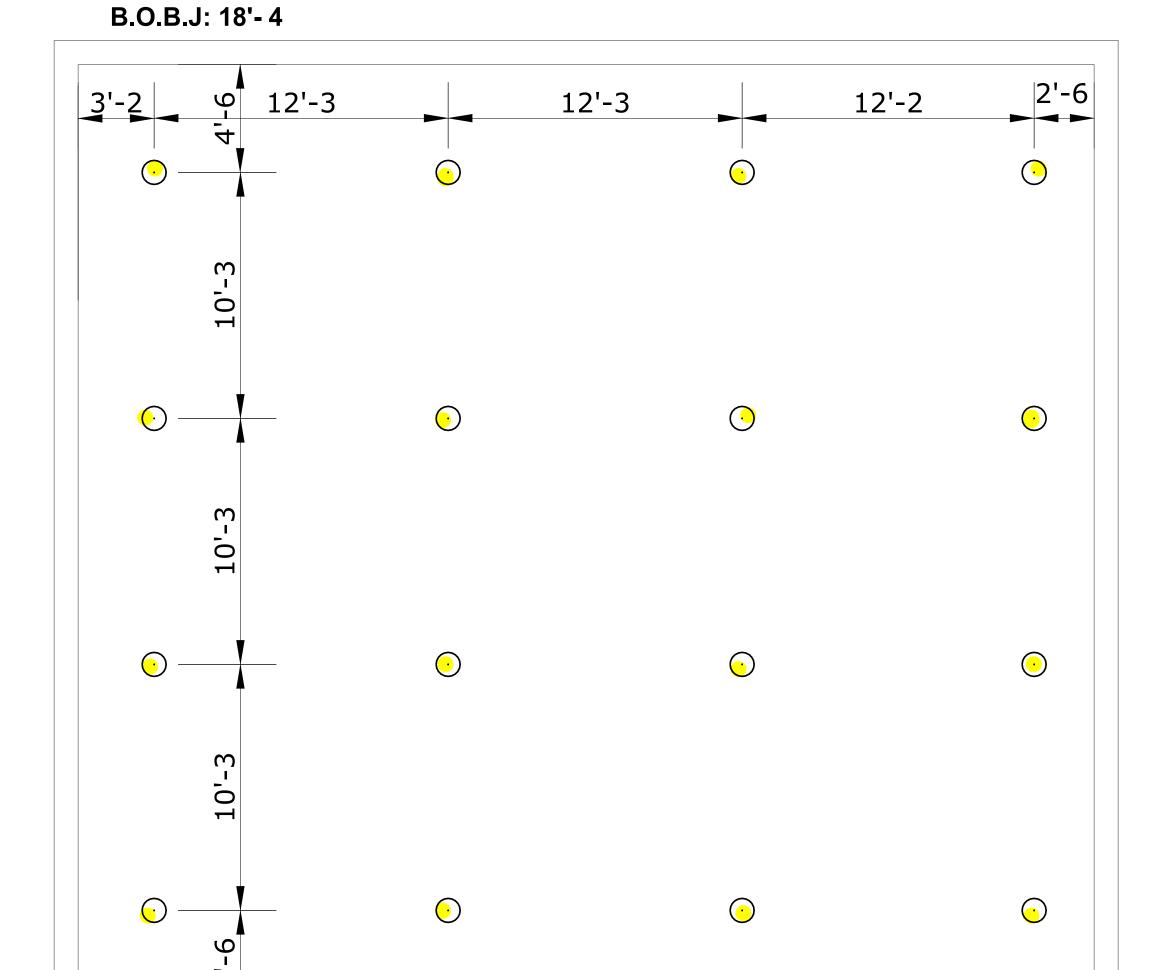
VICINTY MAP

NOT TO SCALE

T.O.S: 20'- 9







CEILING PLAN SCALE: 1/4"=1'-0"

PIPING PLAN SCALE: 1/4"=1'-0"

CONTRACT RESPONSIBILITIES In locations that are subject to freezing conditions, it is the owner's responsibility to provide heat throughout areas protected by wet pipe sprinkler systems and in enclosures for

dry pipe, deluge or other types of valves controlling water supplies to sprinkler systems. This drawing including all information and design concept herein contained is the property of Carolina Fire Protection Company, Inc. and is loaned upon express conditions that the same be returned to CFP, Inc. upon request: all information contained herein shall be treated as secret, and confidential: no reproduction of this drawing or any part thereof shall be made without written consent of CFP,Inc.

1" 0-2

1" ELL

C.F.P. /OTHERS UNDERGROUND WATER MAINS N/A N/A

C/L OF PIPE BELOW BOD ——— GROOVED COUPLING (GC) SCREWED CAP

GROOVED CAP

SCREWED PLUG

FLANGED CONNECTION

GATE VALVE(SEE NOTES) FIRE HOSE ASSEMBLY FLOW SWITCH (FS) MONITOR SWITCH BUTTERFLY VALVE ALARM VALVE (ALV) DRY PIPE VALVE ☐ WAFER CHECK VALVE → SWING CHECK VALVE SYSTEM RISER ——9_ INSPECTOR'S TEST

—Ğ— GLOBE VALVE

————— ANGLE VALVE

ELECTRIC BELL WATER MOTOR GONG (WMG) FIRE DEPT.CONN.(STANDARD) FIRE DEPT.CONN.(FLUSH) FIRE DEPT.CONN.(SIDEWALK) POST INDICATOR VALVE (PIV) KEY GATE SECTIONAL VALVE WITH ROADWAY BOX FIRE HYDRANT (3 WAY) THRUST BLOCK → → → → 2&4 WAY SEISMIC BRACING (LOW) (HIGH) ELEVATION CHANGE IN PIPE (NOT THROUGH FLOOR)

SYSTEM TYPE ABBREVIATIONS BOB Bottom of Beam
BOD Bottom of Deck
BOP Bottom of Pipe
DO Ditto
HV Hose Valve
N & C Nipple and Cap
NIC Not in Contract
NTS Not to Scale
OBJ Open Bar Joist
PRV Pressure Red. Valve
RM Roof Manifold
SP Standpipe
TOB Top of Beam
TOP Top of Pipe
TOS Top of Steel
UNO Unless Noted Otherwise WET- X DELUGE-DRY- PREACTION-APPROVALS



	SPRINKLER SYMBOL DESCRIPTION										
	SYMBOL	SIZE	MODEL	MAKE	SIN	FINISH	STYLE	TEMP	K-FACTOR	TOTAL	
		1/2	SR	VICTAULIC	V2703	BRASS	UPRIGHT - SPRIG UP	155°	5.6	16	
]
	TOTAL SPRINKLERS SHOWN ON THIS SHEET								16		
TOTAL SPRINKLERS REQUIRED ON THIS CONTRACT										16	i



Phone (910) 892-1700 Fax (910) 892-7322

PROTECTION 4055 HODGES CHAPEL ROAD Dunn, N.C. 28334

	NCSU CO			0	OM 50	8(&	509			
	2620 YARBROUGH DR RALEIGH, NC, 27695										
CONTRACT WITH: NCSU											
	DESCRIPTION:		UP-FIT								
SYSTEM DESIGN DATA											
1	HAZARD CLASSIFICATION:		-		SYSTEM AF	REA:	-	SQ. FT.			
	HYDRAULIC DESIGN DATA DENSITY:	-	GPM/SQ. FT.		COVERAGE:	-	SC	Q. FT./HEAD			
	AREA OF APPLICATION:	-	SQ. FT.	H A	HOSE ALLOWANCES:	-	GPM				
	TOTAL SYSTEM REQUIREMENTS:	-	GPM. AT	-	PSI. AT	-					

PSI.RESIDUAL:

M:FORD 7-9-2024 1/4 = 1 CONTRACT NO: 24G925 DRAWN BY: SHAWN W DRAWING NO. PSI. w/
 GPM FLOWING FP 1 of 1