

GENERAL NOTES

1. ALL WORK SHALL BE IN FULL COMPLIANCE WITH NFPA 13, 2013 Ed., FM, HARNETT COUNTY, AND THE NORTH CAROLINA STATE BUILDING CODE.
2. ALL LABOR AND MATERIALS REQUIRED SHALL BE FOR ONE COMPLETE WORKING SYSTEM WHICH MEETS ALL REQUIREMENTS OF NFPA 13 2013 Ed., HARNETT COUNTY, AND THE NORTH CAROLINA STATE BUILDING CODE.
3. ALL MATERIALS AND EQUIPMENT SHALL BE NEW, UL LISTED AND FM APPROVED FOR THE INTENDED USE AND SHALL BE INSTALLED IN FULL COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. EXISTING SPRINKLER HEADS ARE SPACED PER LIGHT HAZARD SPACING NOT TO EXCEED 225 SQUARE FEET.
5. ALL NEW 1" PIPE TO BE BLACK STL., SCH. 40 WITH THREADED ENDS AND JOINED BY BLK. DUCTULE IRON THREADED FITTINGS.
6. PIPE HANGERS TO BE INSTALLED PER NFPA 13.
7. NO HYDRAULIC CALCULATION WERE PERFORMED, WORK BEING DONE DOES NOT EXCEED THE ORIGINAL DESIGN CRITERIA

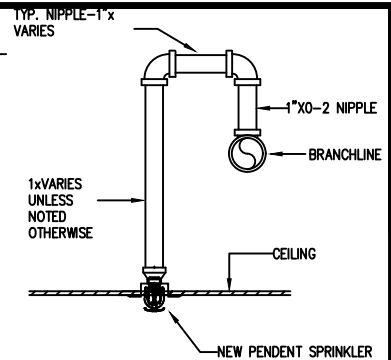
LEGEND

- EXISTING FIRE PROTECTION PIPING
- NEW FIRE PROTECTION PIPING
- ⊙ DENOTES NEW PENDENT SPRINKLER 155DEG. (1)
- ⊙ DENOTES EXISTING PENDENT SPRINKLERS TO REMAIN

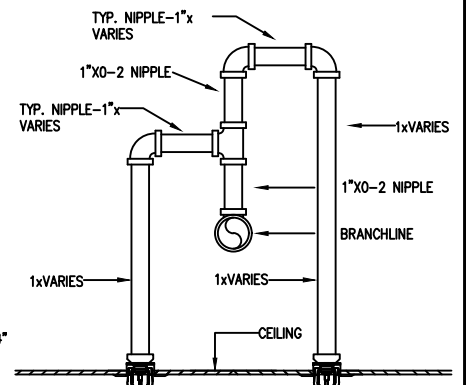
HANGER INSTALLATION REQUIREMENTS

NOMINAL PIPE SIZE	MAXIMUM DISTANCE BETWEEN HANGERS										
	3/4"	1"	1 1/4"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"	8"
BLAZEMASTER CPVC	5' 6"	6' 0"	6' 6"	7' 0"	8' 0"	9' 0"	10' 0"	N/A	N/A	N/A	N/A
THREADABLE LIGHTWALL	N/A	12' 0"	12' 0"	12' 0"	12' 0"	12' 0"	12' 0"	N/A	N/A	N/A	N/A
STEEL PIPE (10/ 40)	N/A	12' 0"	12' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"

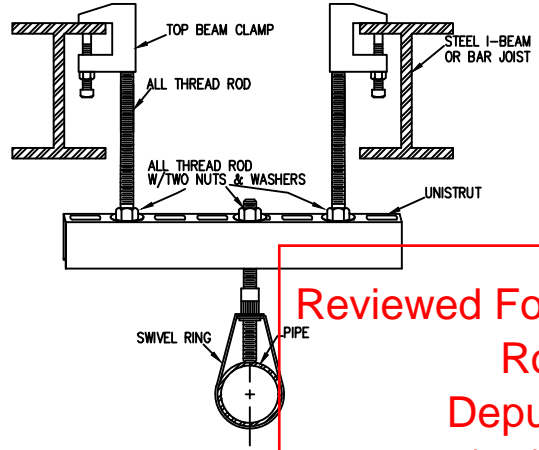
100 PSI STATIC PRESSURE ON SYSTEM REQUIRES UP-LIFT RESTRAINT WITHIN 12 INCHES HORIZONTALLY OF HEAD FOR ARM-OVERS AND END OF BRANCH LINE
 THE UNSUPPORTED LENGTH BETWEEN THE END SPRINKLER AND THE LAST HANGER ON THE LINE SHALL NOT EXCEED 36" FOR 1" PIPE, 48" FOR 1 1/4" PIPE AND 60" FOR 1 1/2" PIPE OR LARGER
 THE CUMULATIVE HORIZONTAL LENGTH OF AN UNSUPPORTED ARM TO A SPRINKLER, SPRINKLER DROP, OR SPRIG-UP SHALL NOT EXCEED 24"



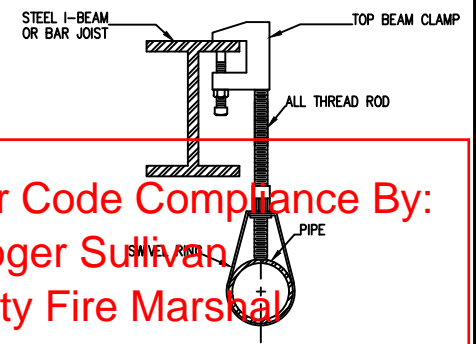
RETURN BEND DETAIL
N.T.S.



SPLIT RETURN BEND DETAIL
N.T.S.

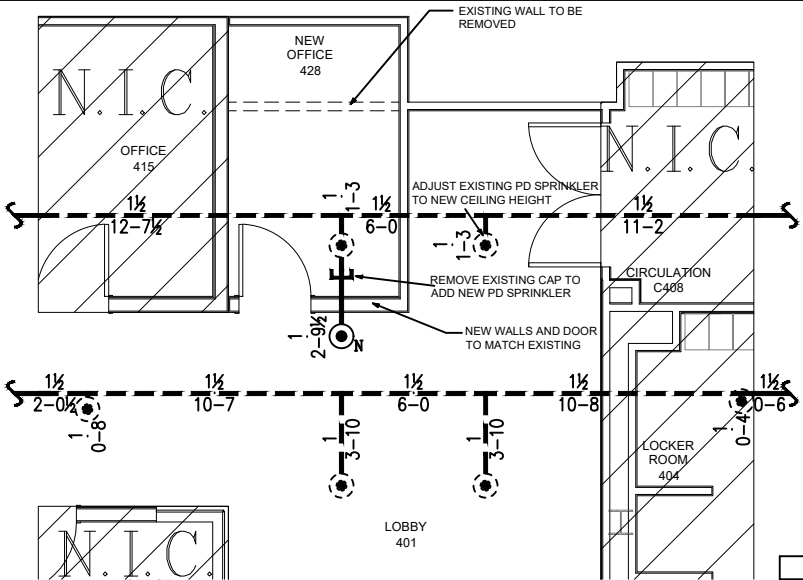


UNISTRUT HANGER DETAIL
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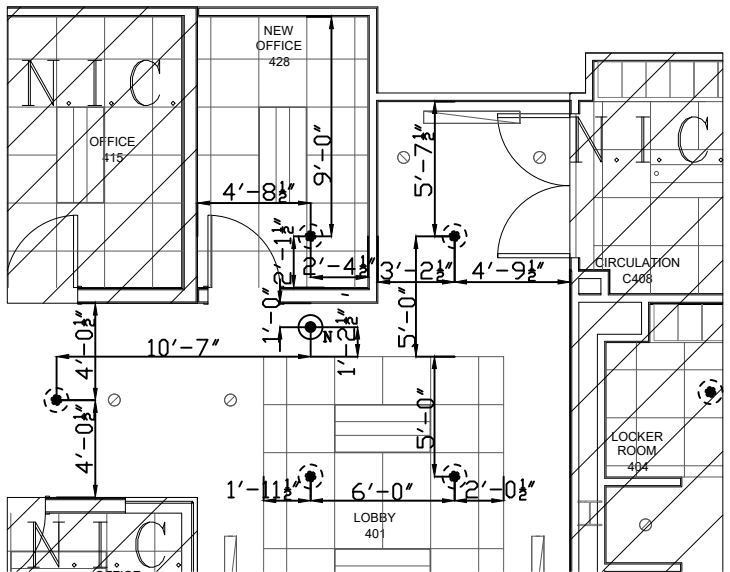


BEAM CLAMP HANGER DETAIL
N.T.S.

Reviewed For Code Compliance By:
Roger Sullivan
 Deputy Fire Marshal
 11/19/2018 3:48:05 PM



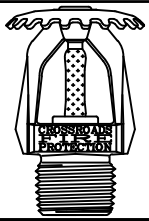
SPRINKLER PIPING PLAN
SCALE: 1/8" = 1'-0"



SPRINKLER CEILING PLAN
SCALE: 1/8" = 1'-0"

CHECKED BY:

NICET LEVEL III #117611
 NC LICENSE NUMBER: 16330

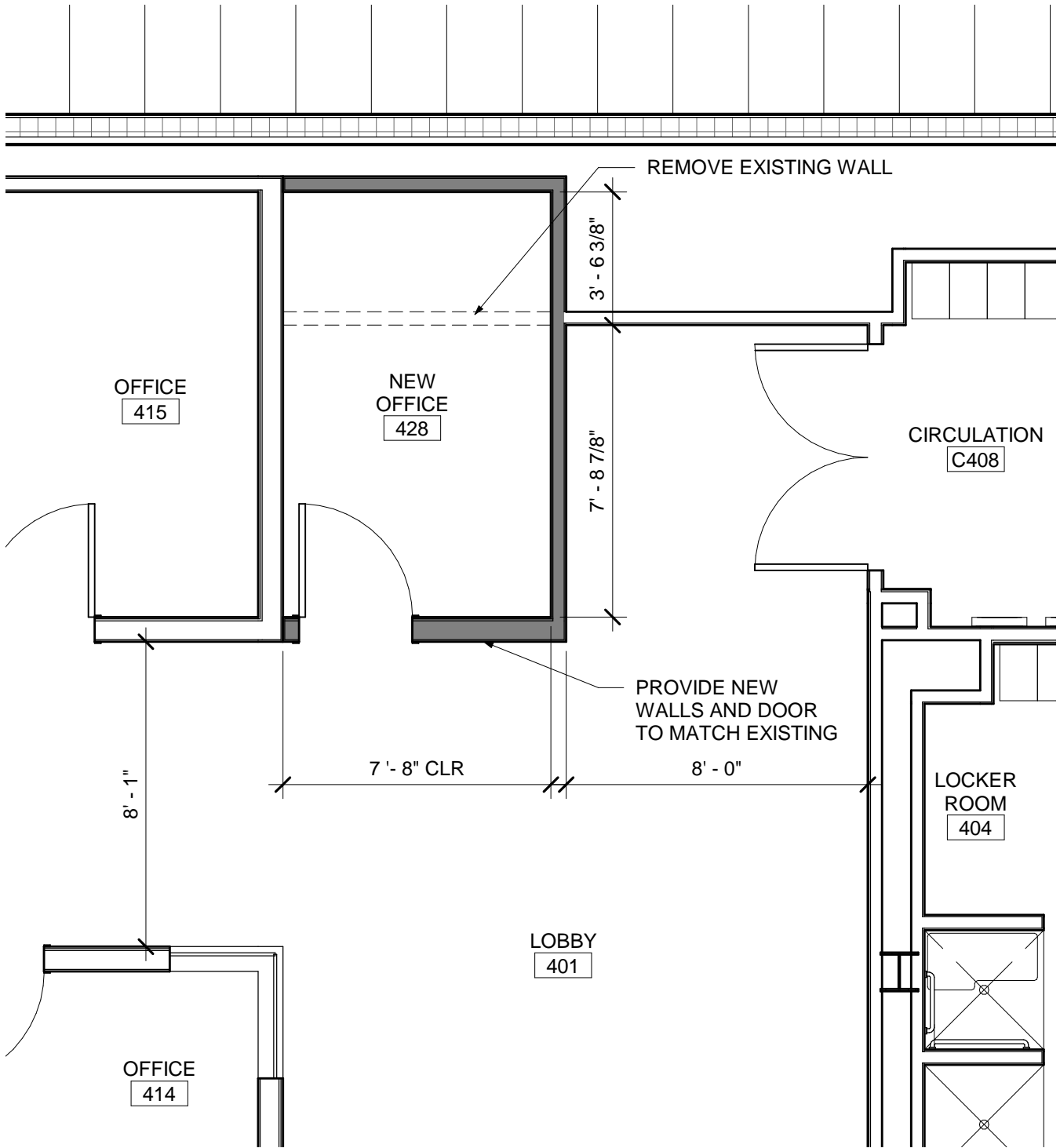


Crossroads Fire Protection, Inc
 809 South Market Street
 P.O. Box 926
 Benson, NC 27504
 919-207-3855 PH

Levine Hall 4th Floor Office Addition
 4350 US-421 Campbell University
 Buies Creek, NC

CONTRACTOR: Southeastern Interiors

Fire Sprinkler Plan	
CONTRACT NO.	CC-6070
APPROVAL	Harnett County
DRAWN BY	DLN
SCALE	1/8" = 1'-0"
DATE	12/31/2018
REVISED	
PLOTTED	FP1



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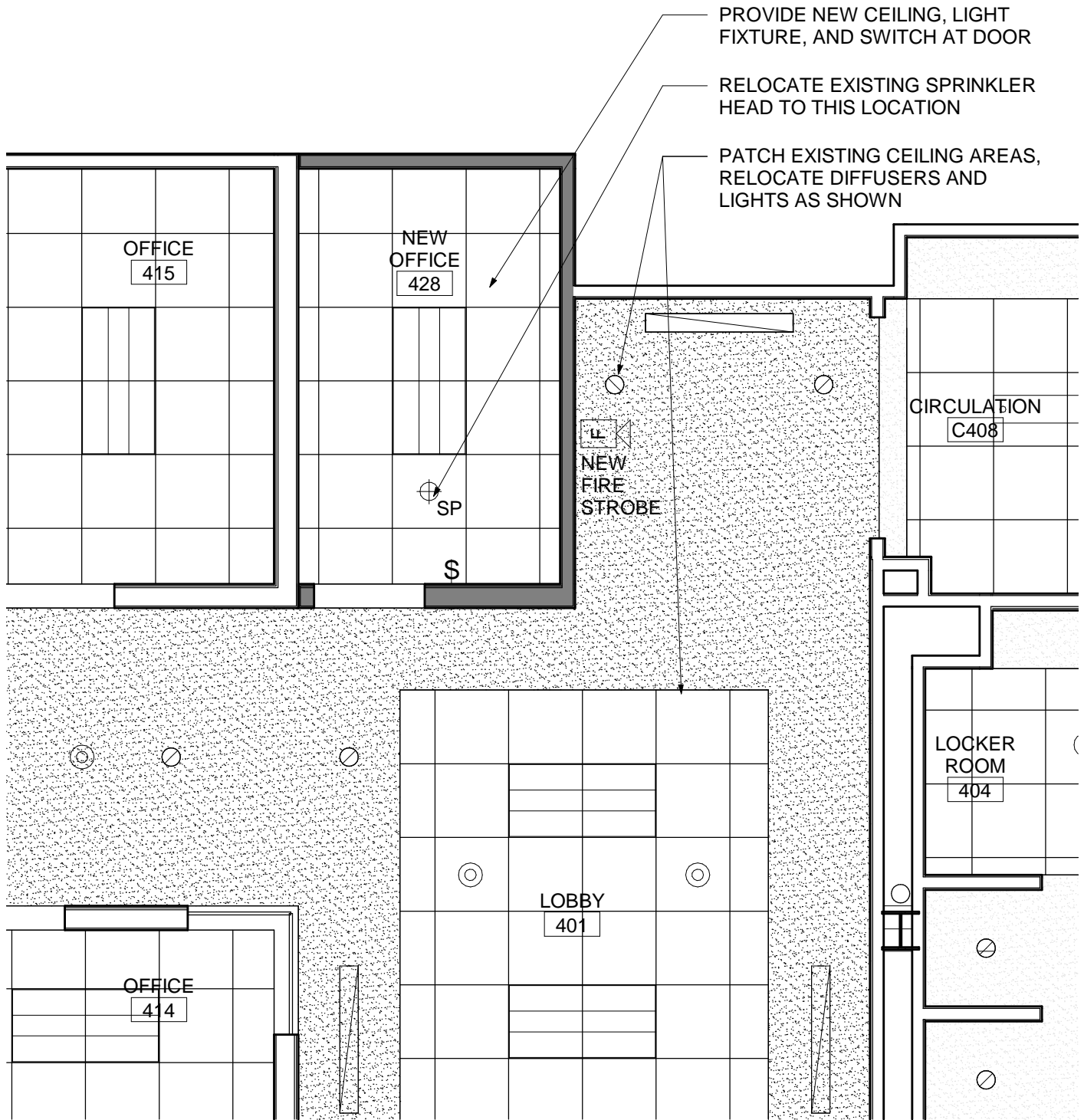
PRINCIPAL IN CHARGE:
 PROJECT MANAGER:
 DESIGN TEAM: Designer

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PROJECT NAME	PROJECT NO.
CAMPBELL UNIVERSITY SCHOOL OF OSTEOPATHIC MEDICINE LEVINE HALL	514.6915.00
DESCRIPTION	ISSUE DATE
FLOOR PLAN FOURTH FLOOR OFFICE ADDITION	10/19/18
	1/4" = 1'-0"
	SKETCH DRAWING
	A-1

10/19/2018 1:34:18 PM



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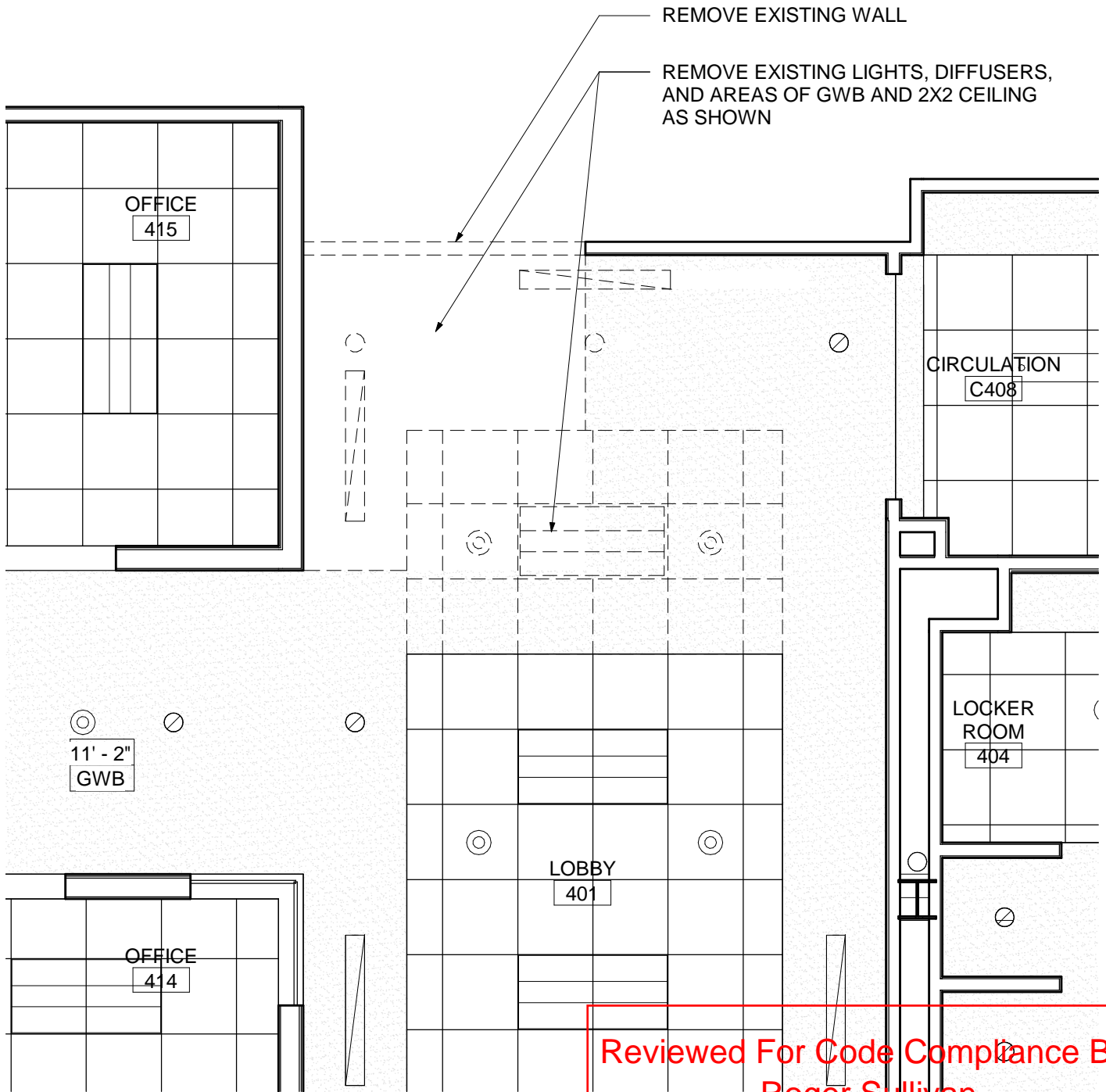
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PROJECT NAME	CAMPBELL UNIVERSITY SCHOOL OF OSTEOPATHIC MEDICINE LEVINE HALL
DESCRIPTION	REFL. CLG. PLAN FOURTH FLOOR OFFICE ADDITION

PROJECT NO.	514.6915.00
ISSUE DATE	10/19/18
SCALE	1/4" = 1'-0"
SKETCH DRAWING	A-2

10/24/2018 4:00:59 PM



Reviewed For Code Compliance By:
 Roger Sullivan
 Deputy Fire Marshal
 11/19/2018 3:46:13 PM

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PROJECT NAME	PROJECT NO.
CAMPBELL UNIVERSITY SCHOOL OF OSTEOPATHIC MEDICINE LEVINE HALL	514.6915.00
DESCRIPTION	ISSUE DATE
DEMOLITION REFL. CLG. PLAN FOURTH FLOOR OFFICE ADDITION	10/19/18
	SKETCH DRAWING
	A-3

10/19/2018 1:34:19 PM