

SCOPE: THE SCOPE OF THIS PROJECT IS TO PROVIDE A NEW SPRINKLER SYSTEM FOR THE PURE BARRE TENANT LOCATED IN BALTIMORE, MD.

CODES: ALL WORK SHALL COMPLY WITH NFPA 13, 2019 EDITION. ALL WORK SHALL BE TO THE SATISFACTION OF THE CITY OF BALTIMORE FIRE MARSHAL.

BUILDING CONSTRUCTION: USE GROUP: B - BUSINESS

CONSTRUCTION TYPE: TYPE II-A

SPRINKLER SYSTEM NOTES :

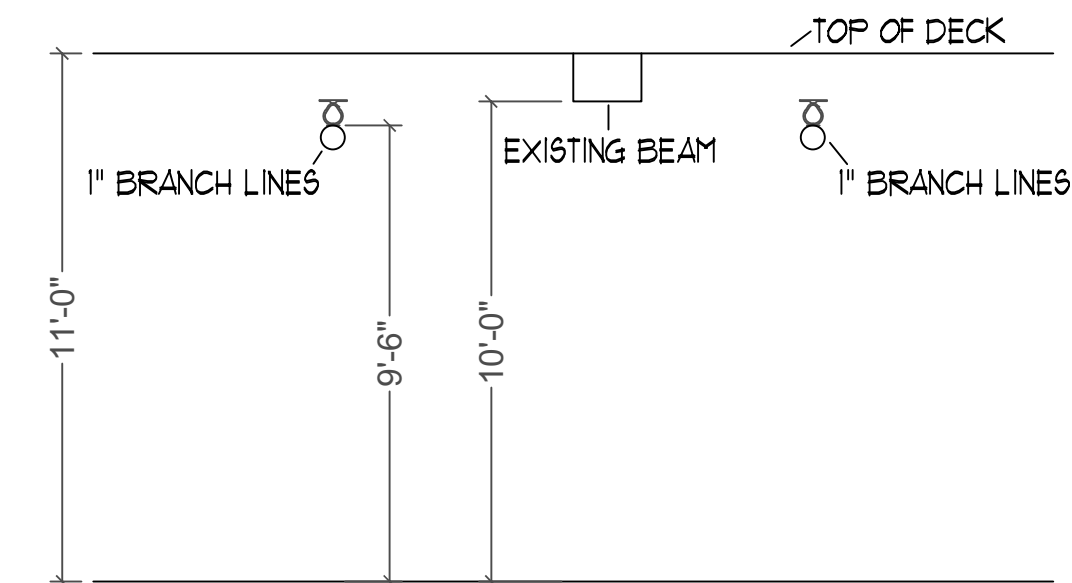
1. THE BUILDING IS PROTECTED WITH AN EXISTING HYDRAULICALLY CALCULATED WET PIPE AUTOMATIC SPRINKLER SYSTEM AS SHOWN.
2. ALL NEW WET PIPING TO BE BLACK SCHEDULE 40 STEEL PIPE WITH THREADED.
3. HANGERS SHALL CONSIST OF SWIVEL HANGERS WITH 3/8" ALL THREAD ROD AND TOP BEAM CLAMPS. ALL HANGERS SHALL COMPLY WITH NFPA 13 AND THEIR LISTINGS.
4. ALL FIRE SPRINKLER SYSTEM PIPING SHALL BE INSPECTED AND TESTED AS REQUIRED BY THE CITY OF BALTIMORE FIRE MARSHAL.
5. THE FIRE SPRINKLER SYSTEM SHALL BE MONITORED AS REQUIRED BY THE CITY OF BALTIMORE FIRE MARSHAL BY OTHERS.
6. STANDARD SPRAY SPRINKLERS SHALL NOT BE INSTALLED CLOSER THAN 6'-0".
7. SYSTEM SHALL BE HYDROSTATICALLY TESTED AND WITNESSED BY THE CITY OF FREDERICK FIRE MARSHAL AS PER NFPA 13, 2019.
8. EXACT HANGER LOCATION TO BE DETERMINED IN FIELD.
HANGERS SHALL BE INSTALLED ON ARM OVERS GREATER THAN 24" IN CUMULATIVE LENGTH.

SOLID LINES INDICATE
NEW PIPE

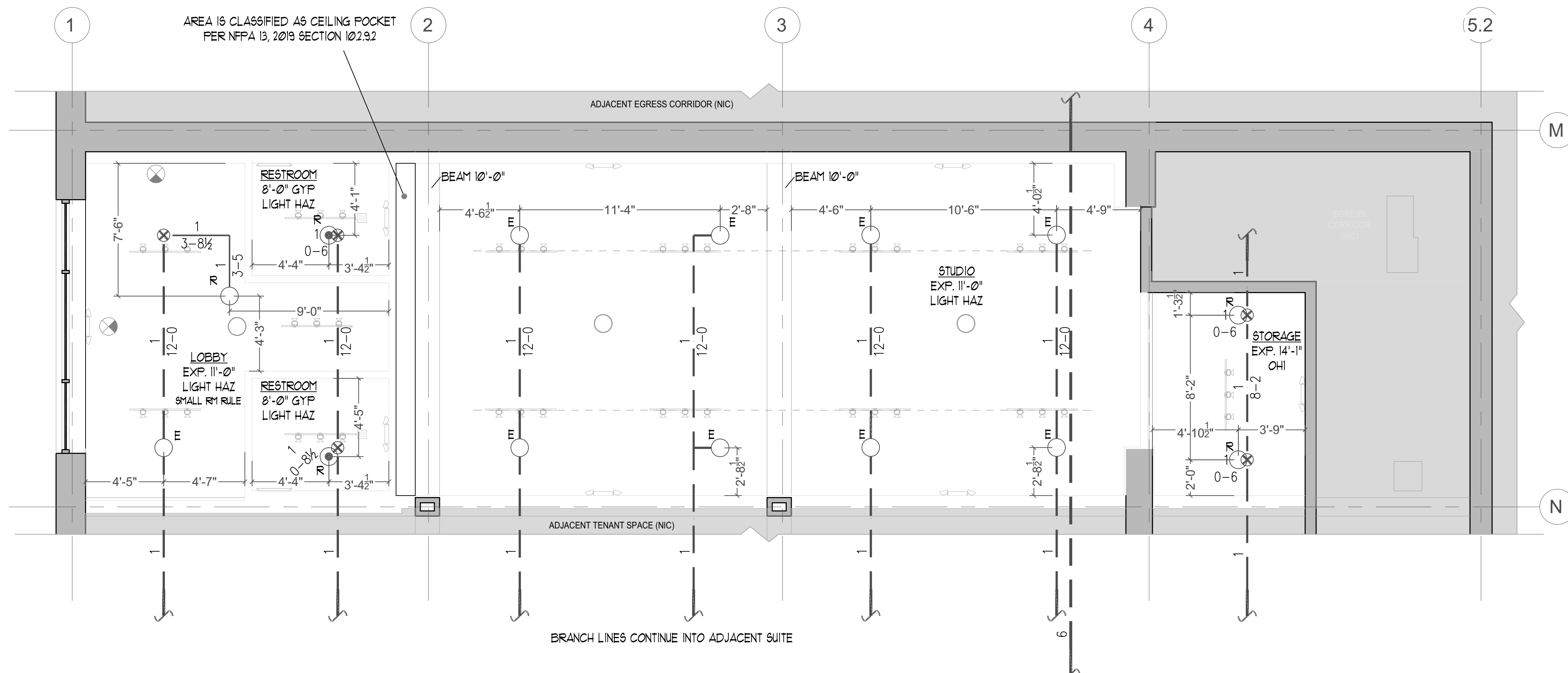
DASHED LINES INDICATE — — —
EXISTING PIPE

R INDICATES SPRINKLER
TO BE RELOCATED (5)

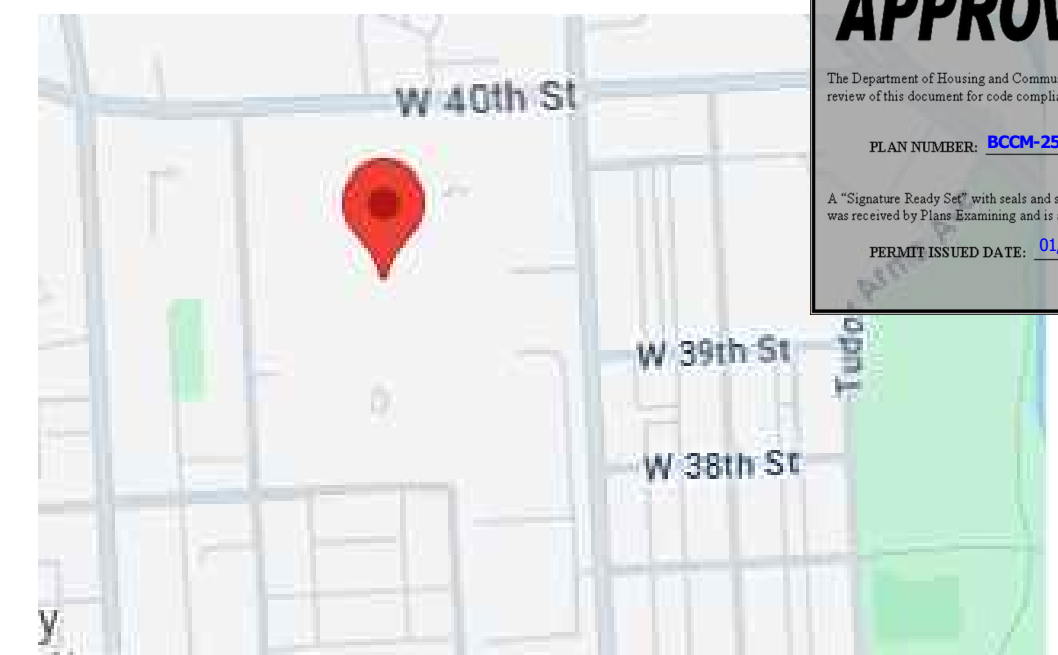
E INDICATES SPRINKLER
TO REMAIN (9)



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



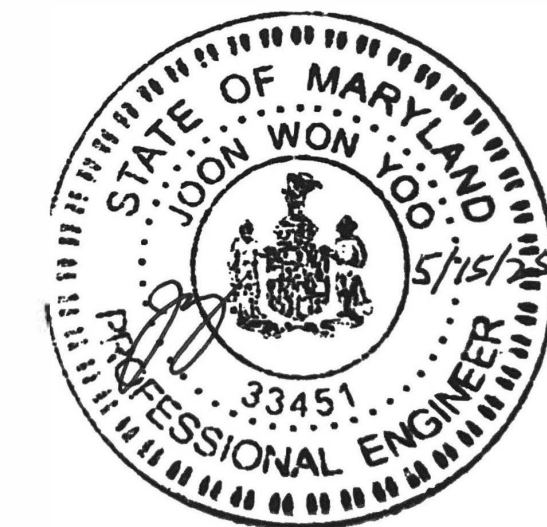
SCALE: 1/4" = 1'-0"



N.T.S

The diagram consists of four technical drawings arranged in a 2x2 grid, illustrating standard fire sprinkler hanger and connection details.

- Top Left: TYPICAL HANGER DETAIL**
This drawing shows a cross-section of a hanger assembly. A horizontal "STEEL" beam is shown. A "TOP BEAM CLAMP" is attached to the bottom of the beam. A vertical "3/8\" ALL THREAD ROD" passes through the clamp and a "SWIVEL LOOP RING" which is attached to a horizontal pipe. The drawing is captioned "TYPICAL HANGER DETAIL" with "N.T.S." (Not To Scale) below it.
- Top Right: TYPICAL SAMMY DETAIL**
This drawing shows a "SAMMY SCREW" attached to a horizontal beam. A vertical "A.T. Rod (Length)" passes through the screw and a "SWIVEL LOOP RING" which is attached to a horizontal pipe. A note indicates "20-22 GAUGE METAL DECK". The drawing is captioned "TYPICAL SAMMY DETAIL" with "N.T.S." below it.
- Bottom Left: RETURN BEND ASSEMBLY**
This drawing shows a vertical pipe assembly. At the top, a "1\" 90" elbow connects to a "1\" x 0-2 NIPPLE". Below the nipple is a "BRANCH LINE" with a "1\" 90" elbow. Further down, a "1\" DROP" pipe leads to a "1\" X 1/2\" RC" (Reduced Coupling) which is connected to a "CONCEALED SPRINKLER". The entire assembly is mounted to a "CEILING". A note "(SEE PLAN)" points to the top elbow. The drawing is captioned "RETURN BEND ASSEMBLY" with "N.T.S." below it.
- Bottom Right: TYPICAL UPRIGHT DETAIL**
This drawing shows a vertical pipe assembly. At the top, a "12\" MIN./MAX" dimension indicates the distance from the "BOTTOM OF DECK" to the top of the pipe. The pipe has an "UPRIGHT" fitting and an "OUTLET" at the bottom. A "BRANCH LINE" is shown at the very bottom. The drawing is captioned "TYPICAL UPRIGHT DETAIL" with "N.T.S." below it.

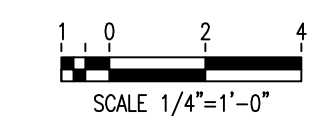


Sprinkler Head Schedule					
Symbol	Count	Thread	K-Factor	Description	Note
☉	2	1/2"	5.6	RA1414 1/2" C PD	ON DROP
○	3	1/2"	5.6	RA1425 1/2" B UP	ON SPRIG
⊗				EXISTING OUTLET	
5 = Total Number of Heads This Tenant					

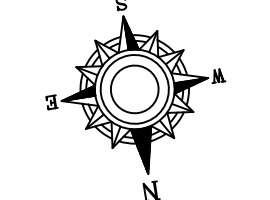
REVISION NOTES:		
REV#	DESCRIPTION	DATE

THE ROTUNDA - PURE BARRE
711 WEST 40th STREET - SUITE 168
BALTIMORE, MD 21211

SCALE:



NORTH ARROW:



DRAWN BY:	TC
DATE:	5/13/2025

REVISION:	-
-----------	---

REVISION:	-
-----------	---

FP1.0