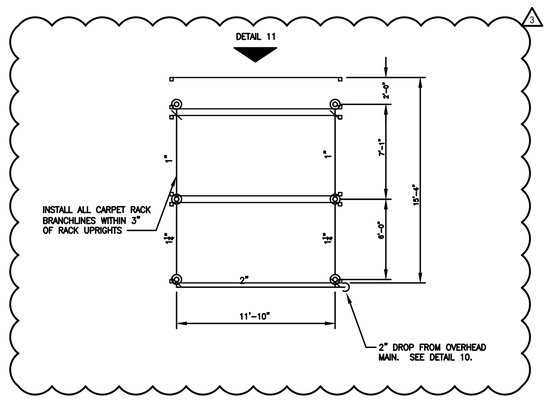
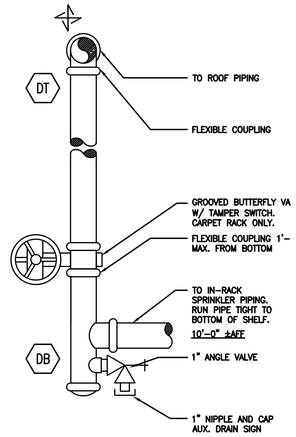
CARPET RACK SPRINKLER NOTES:

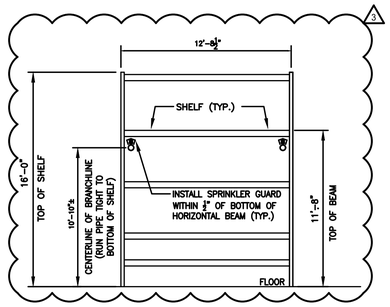
1. ALL CARPET RACK SPRINKLERS SHALL BE 165° F, STANDARD RESPONSE, UL LISTED AND/OR FM APPROVED, NOMINAL K-FACTOR = 5.6, 1/2" NPT SPRINKLERS, EQUIPPED WITH SPRINKLER GUARDS.
2. DESIGN CRITERIA: CARPET RACK DESIGN BASED ON FM DATA SHEET 8-30. WET PIPE SPRINKLER SYSTEM DESIGNED TO FLOW 8 IN-RACK SPRINKLERS WITH A MINIMUM PRESSURE OF 15 PSI AT ANY IN-RACK SPRINKLER WHILE CEILING ESFR SYSTEM SIMULTANEOUSLY FLOWS 3 BRANCHLINES WITH 4 SPRINKLERS PER BRANCHLINE (12 ESFR SPRINKLERS TOTAL) AT MINIMUM SYSTEM DESIGN PRESSURES. DESIGN SHALL INCLUDE A 500 GPM HOSE STREAM ALLOWANCE.
3. FACE SPRINKLERS SHALL BE INSTALLED WITHIN 2'-0" OF THE FACE OF THE RACK. ONE LEVEL OF SPRINKLERS SHALL BE INSTALLED AT APPROXIMATELY 10'-0" AFF.



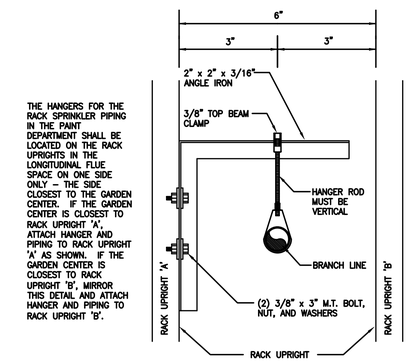
1 CARPET RACK PLAN VIEW
SCALE: NTS



2 CARPET RACK SUPPLY DROP DETAIL
SCALE: NTS



3 CARPET RACK ELEVATION
SCALE: NTS



4 TYPICAL LONGITUDINAL FLUE SPACE HANGER DETAIL
SCALE: NTS

CHRISTOPHER J. CULP

ORIGINAL	SECOND	FINAL

REVISIONS

PRE-BID SET ISSUE DATE ◇ | POST BID SET ISSUE DATE △

DATE		DESCRIPTION
10-07-26	△	REVISION 3

CHRISTOPHER J. CULP LICENSE No. 63559 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/6/2026
CHRISTOPHER J. CULP
LICENSE # 63559

HENDERSON ENGINEERS
8345 LENEXA DRIVE
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM
2350004344
FL. REGISTRY NO. EB 7606
02/09/27

PERRY M. PETRILLO ARCHITECTS PC
9 Park Avenue
Park Ridge, New Jersey (07656
Telephone (201) 307-6153
Facsimile (201) 307-6158

LOWE'S HOME CENTERS, LLC
1000 LOWE'S BOULEVARD
MOORESVILLE, NC 28117
704.758.1000 (PH.)

THIS DRAWING IS THE PROPERTY OF LOWE'S HOME CENTERS, LLC. ANY USE OR REPRODUCTION IN WHOLE OR PART IS PROHIBITED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF LOWE'S HOME CENTERS, LLC. COPYRIGHT 2025-2027 ALL RIGHTS RESERVED

LOWE'S

CARPET RACK SPRINKLERS
NOTES & DETAILS

LOWE'S OF WESTLAKE
5683 SEMINOLE PRATT WHITNEY RD.
Westlake, Florida, 33470

PCN: 77-00-43-01-29-000-0010
PROJECT No: 2350004344 | DRAWN BY: CPG | CHECKED BY: MHP

CRITERIA
ISSUE DATE: 02-2025

PERMIT SET
ISSUE DATE: 08-22-2025

CONSTRUCTION SET
ISSUE DATE: 04-14-2025

DRAWING NUMBER:

FP-5.1