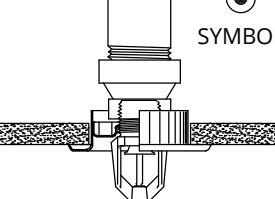
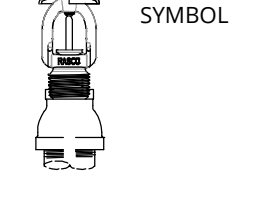











TYCO MODEL TY-FRB
STANDARD COVERAGE QUICK
RESPONSE UPRIGHT
(NO ESCUTCHEON)
SIN# TY-4131



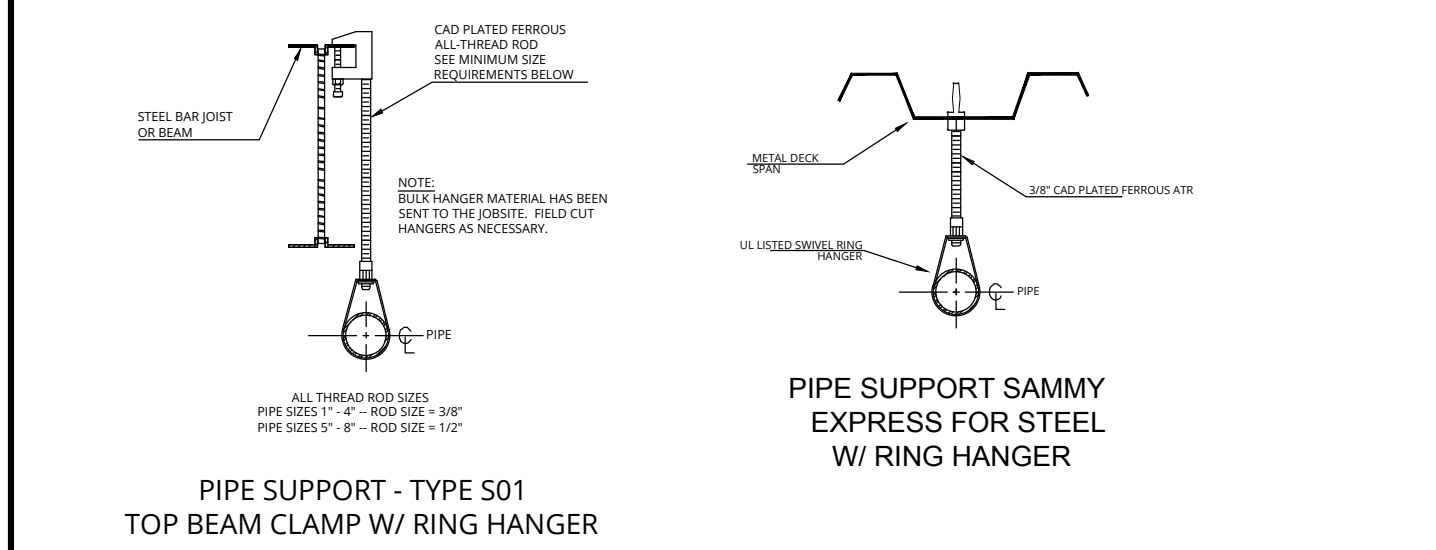
TYCO MODEL TY-B
STANDARD COVERAGE
STANDARD RESPONSE
PENDENT (RECESSED)
SIN# TY-3251



TYCO MODEL EC-25
EXTENDED COVERAGE
STANDARD RESPONSE UPRIGHT
(NO ESCUTCHEON)
SIN# TY9128

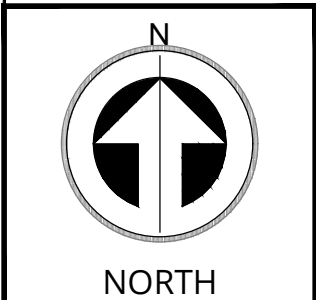
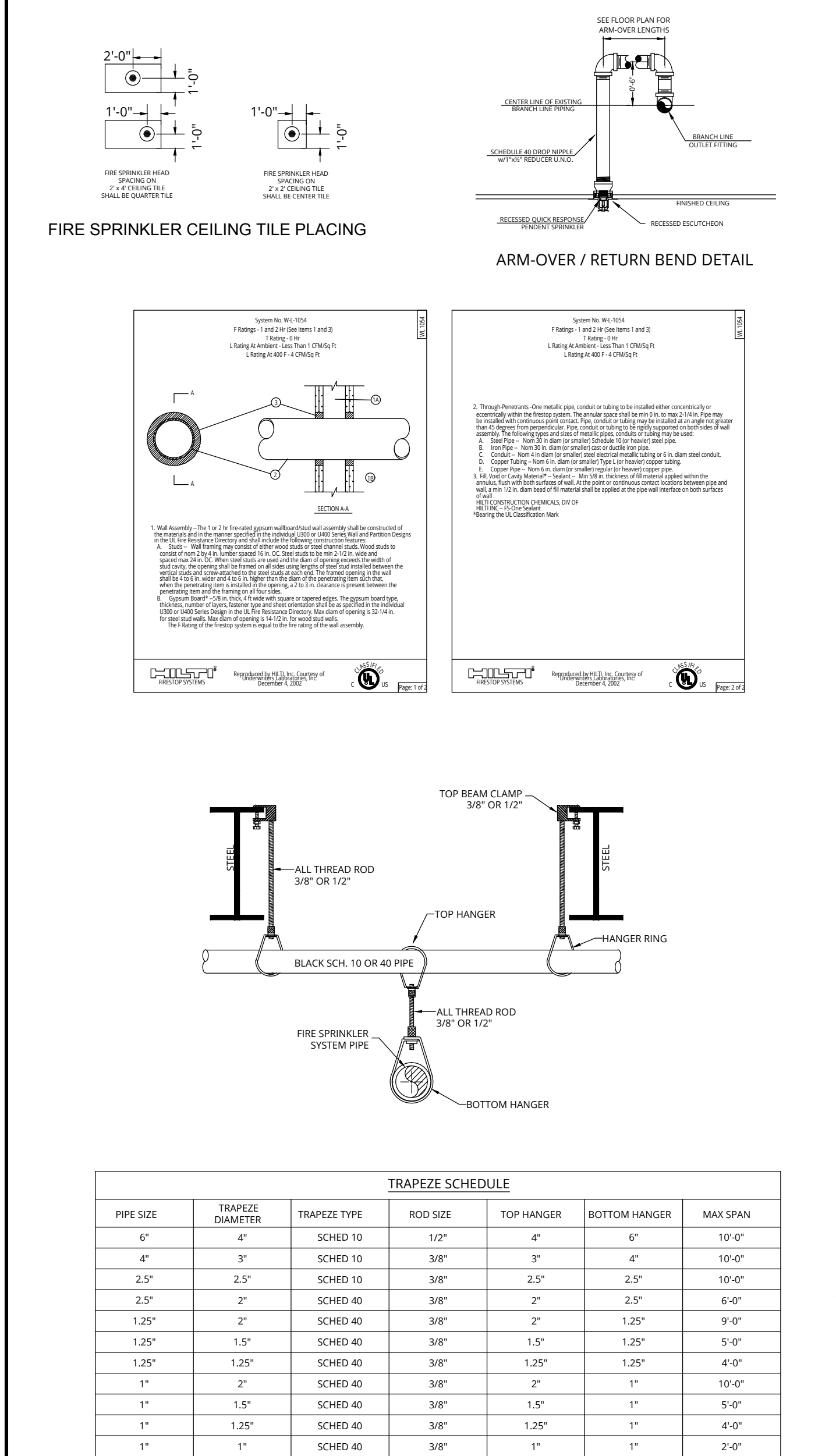
SPRINKLER LEGEND					
SYMBOL	COUNT	K-FACTOR	SPN	NPT	DESCRIPTION
	12	25.2	TY9128	1"	TYCO EC-25 SR BRASS UPRIGHT FIRE SPRINKLER HEAD 212"
	1	5.6	TY3251	3/4"	TYCO TY-B SR CHROME RECESSED PENDENT FIRE SPRINKLER HEAD 280"
	9	8.0	TY4131	3/2"	TYCO TY-FRB QR BRASS UPRIGHT FIRE SPRINKLER HEAD 155"
					DENOTES EXISTING FIRE SPRINKLER HEAD
	22				TOTAL HEADS
					DENOTES EXISTING FIRE SPRINKLER PIPE TO DEMO
					DENOTES EXISTING FIRE SPRINKLER PIPE TO REMAIN
					DENOTES NEW FIRE SPRINKLER PIPE
					DENOTES CONNECTION POINT TO EXISTING FIRE SPRINKLER SYSTEM

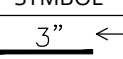
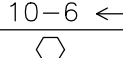
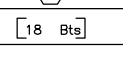
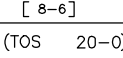
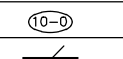
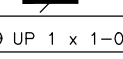
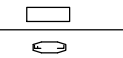
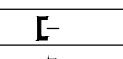

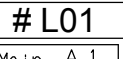
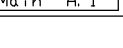





SPRINKLER LEGEND



HANGER SPACING TABLE								
PIPE SIZE SCH. 10-40	1"	1 1/2"	1 3/4"	2"	2 1/2"	3"	4"	6"
MAXIMUM HANGER SPACING	12'-0"	12'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"
CPVC (IF APPLICABLE)	1"	1 1/2"	1 3/4"	2"	2 1/2"	3"	4"	6"
MAXIMUM HANGER SPACING	6'-0"	6'-6"	7'-0"	8'-0"	9'-0"	10'-0"	10'-0"	NA

HANGER DETAIL



FIRE SPRINKLER DRAWING LEGEND	
SYMBOL	DESCRIPTION
	PIPE SIZE
	PIPE LENGTH IN FEET-INCHES
	HYDRAULIC REFERENCE POINTS
	ELEVATION BELOW TOP OF STEEL
	ELEVATION ABOVE FINISHED FLOOR
	ELEVATION OF TOP OF STEEL
	CEILING HEIGHT
	DENOTES HANGER LOCATION
	DENOTES RISE UP OR DOWN
	STANDARD GROOVED COUPLING
	FIRELOCK GROOVED COUPLING
	PIPING CAP
	PIPING PLUG
	FIRE SPRINKLER RISER LOCATION
	LINE TAG (IF STOCK LISTED)
	MAIN TAG (IF STOCK LISTED)

BASIC PIPE & FITTING MATERIAL REQUIREMENTS	
MINIMUM PIPE SCHEDULE FOR WELD/GROOVED/PLAIN END PIPE	
SCH. 7/ DYNALOW, ETC.)	BLACK STEEL PIPE
SCH. 10	GALVANIZED PIPE
SCH. 40	SEAMLESS
SCH. 80	SHOP PAINTED
	CPVC
MINIMUM PIPE SCHEDULE FOR THREADED PIPING:	
THREADABLE LIGHTWALL	BLACK STEEL PIPE
SCH. 40	GALVANIZED PIPE
SCH. 80	SEAMLESS
	SHOP PAINTED
	CPVC
FITTINGS	
GROOVED (STANDARD TAKEOUT)	C.I. SCREWED
GROOVED (SHORT RADIUS)	D.I. SCREWED
GROOVED COUPLINGS (RIGID)	M.I. SCREWED (BLACK)
GROOVED COUPLINGS (FLEXIBLE)	M.I. SCREWED (GALV)
WELDED OUTLETS	FLANGED 125#
MECHANICAL TEES	FLANGED 250#
	CPVC
HANGER MATERIAL	
STANDARD LOOP HANGER RINGS	
CLEVIS HANGERS REQUIRED	
ALL THREAD ROD TO BE BLACK	
ALL THREAD ROD TO BE CAD PLATED	
STAINLESS HANGER MATERIAL REQUIRED	
MATERIAL REQUIREMENTS	
DOMESTIC MATERIAL ONLY	
DOMESTIC OR FOREIGN MATERIAL ACCEPTABLE	
MATERIAL TO BE UL LISTED AT A MINIMUM	
MATERIAL TO BE UL LISTED & FM APPROVED	
DRAIN PIPE & FITTINGS TO BE GALVANIZED	
GALVANIZED PIPE & FITTINGS REQUIRED FOR EXTERIOR WALL PENETRATIONS & EXTERIOR PIPING RUNS	

GENERAL NOTES

SCOPE OF WORK:

TO DESIGN AND RETROFIT THE FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13, 2016, IN ACCORDANCE WITH FFPC 7TH ED. AND LOCAL AUTHORITY.

BUILDING HAS AN OPERATIONAL FIRE SPRINKLER SYSTEM.

WORK CONSISTS OF RELOCATION EXISTING SPRINKLERS TO NEW ROOM LAYOUT, AS SHOWN ON PLANS.

NAME OF OWNER: THE HOME DEPOT

AREA OF WORK: 4,000 SQ. FT.

- ALL UNDERGROUND PIPING IS EXISTING TO REMAIN AS IS UNDISTURBED.
- 1" TO 2" PIPING MAY BE BLACK SCHEDULE 40 THREADED AND JOINED BY DUCTILE IRON FITTINGS AND COUPLINGS.
- 1 1/2" TO 6" PIPING MAY BE SCHEDULE 10 ROLL GROOVED AND JOINED BY GROOVE TYPE FITTINGS.
- ALL HANGERS AND TRAPEZE ASSEMBLIES SHALL UTILIZE UL/FM LISTED COMPONENTS AND COMPLY WITH NFPA 13 REQUIREMENTS.
- ALL CONTROL VALVES ARE EXISTING TO REMAIN AS IS UNDISTURBED.
- INSTALL PENDANT SPRINKLER HEADS IN CENTER OF THE CEILING TILE.
- MIC (MICRO-BIOLOGICALLY INFLUENCED CORROSION) IS NOT KNOWN TO BE A PROBLEM AT THIS LOCATION.
- MODIFICATIONS DO NOT INCREASE THE HYDRAULIC DEMAND OF THE EXISTING SYSTEM. NO HYDRAULIC CALCULATIONS ARE INCLUDED. PIPE SIZES AND CALCULATIONS PROVIDED IN ENGINEER OF RECORD DOCUMENTS.

DATE

BY

REV

DESCRIPTION

INSTALLING CONTRACTOR

COX FIRE PROTECTION

7910 PROFESSIONAL PLACE

TAMPA, FLORIDA 33637

PHONE: 813.980.3282

WWW.COXFIRE.COM

THE HOME DEPOT

RENOVATION

245 SW HOME DEPOT DR

LAKE CITY, FL 32025

PIVOTAL RETAIL GROUP

CONTRACT NO. 3-2-4356-23-23

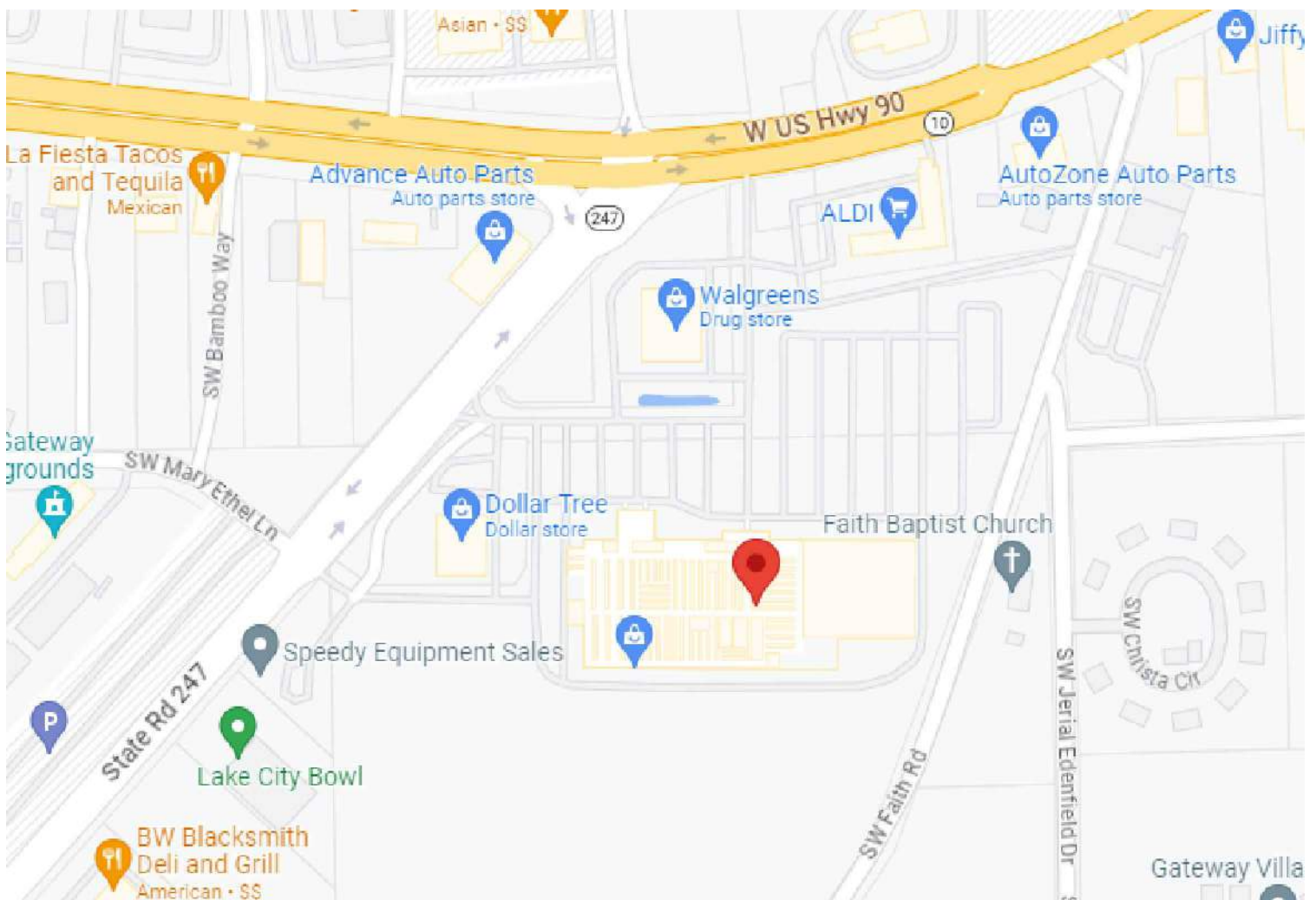
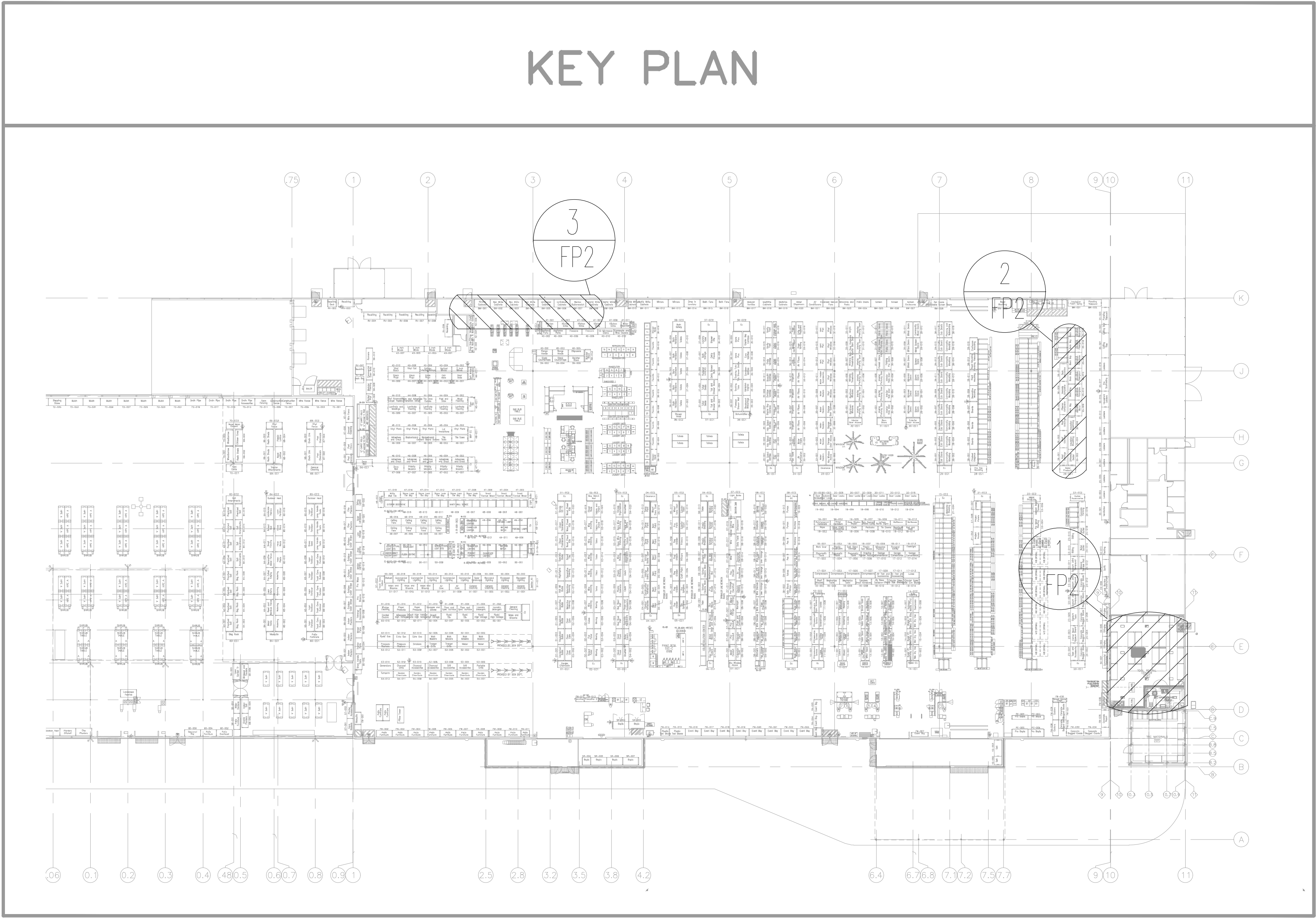
APPROVAL A.H.J.

DESIGNER NSC

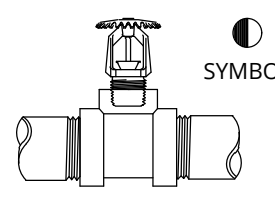
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DATE 8/9/2023

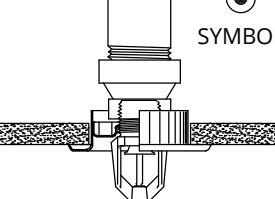
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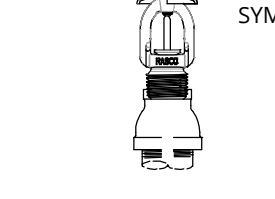
SITE PLAN
SCALE: N.T.S.



TYCO MODEL TY-8RB
STANDARD COVERAGE QUICK
RESPONSE UPRIGHT
(NO ESCUTCHEON)
SIN# TY-4131



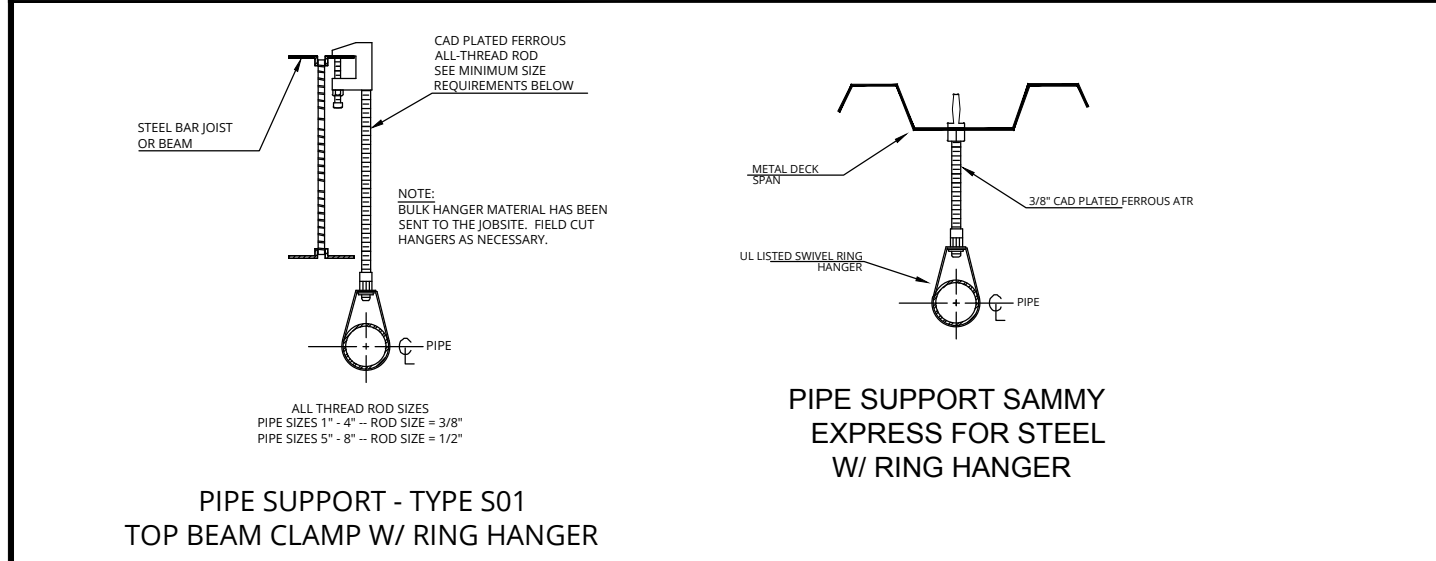
TYCO MODEL TY-8
STANDARD COVERAGE
PENDENT (RECESSED)
SIN# TY-3251



TYCO MODEL EC-25
STANDARD RESPONSE UPRIGHT
(NO ESCUTCHEON)
SIN# TY9128

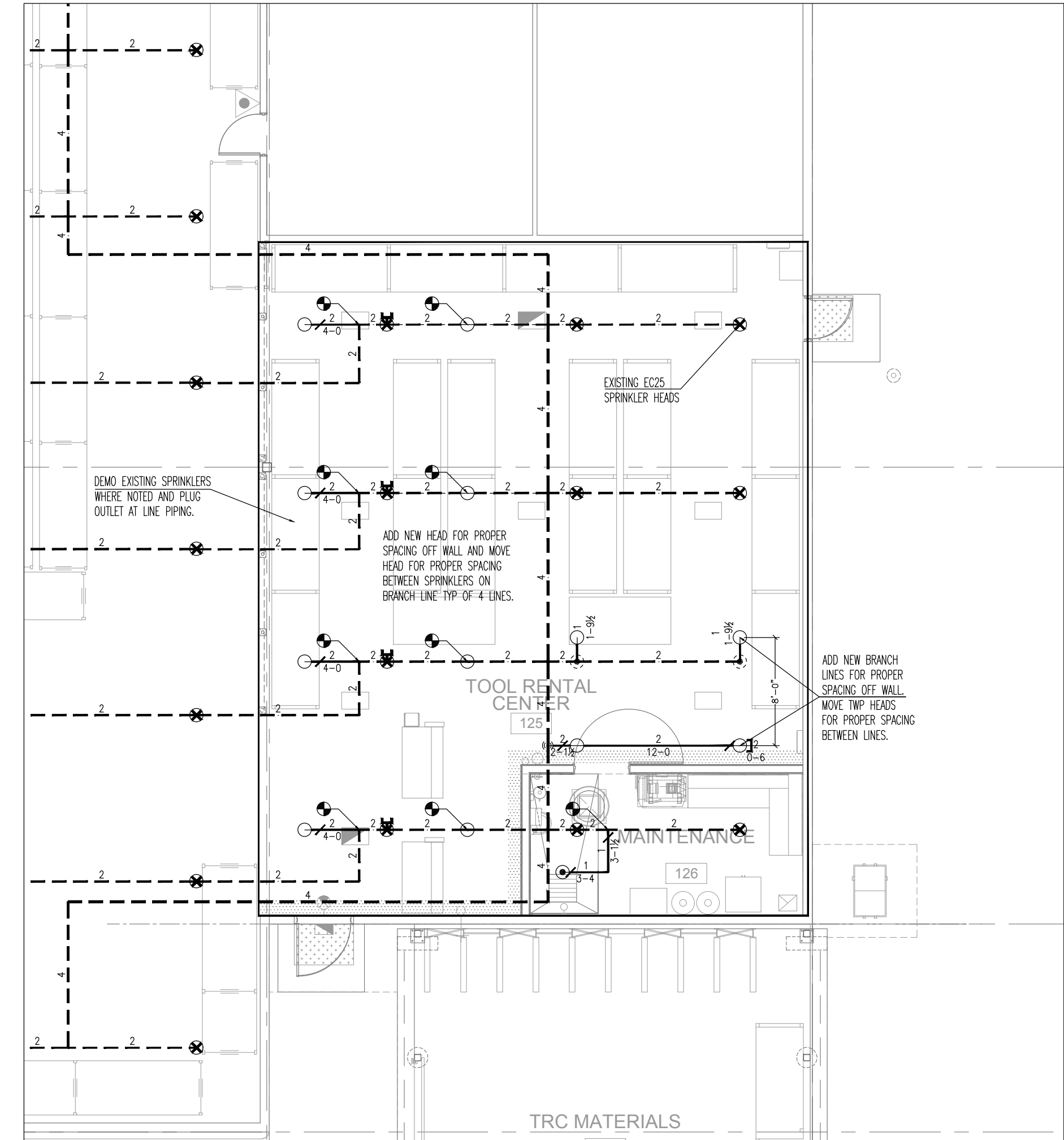
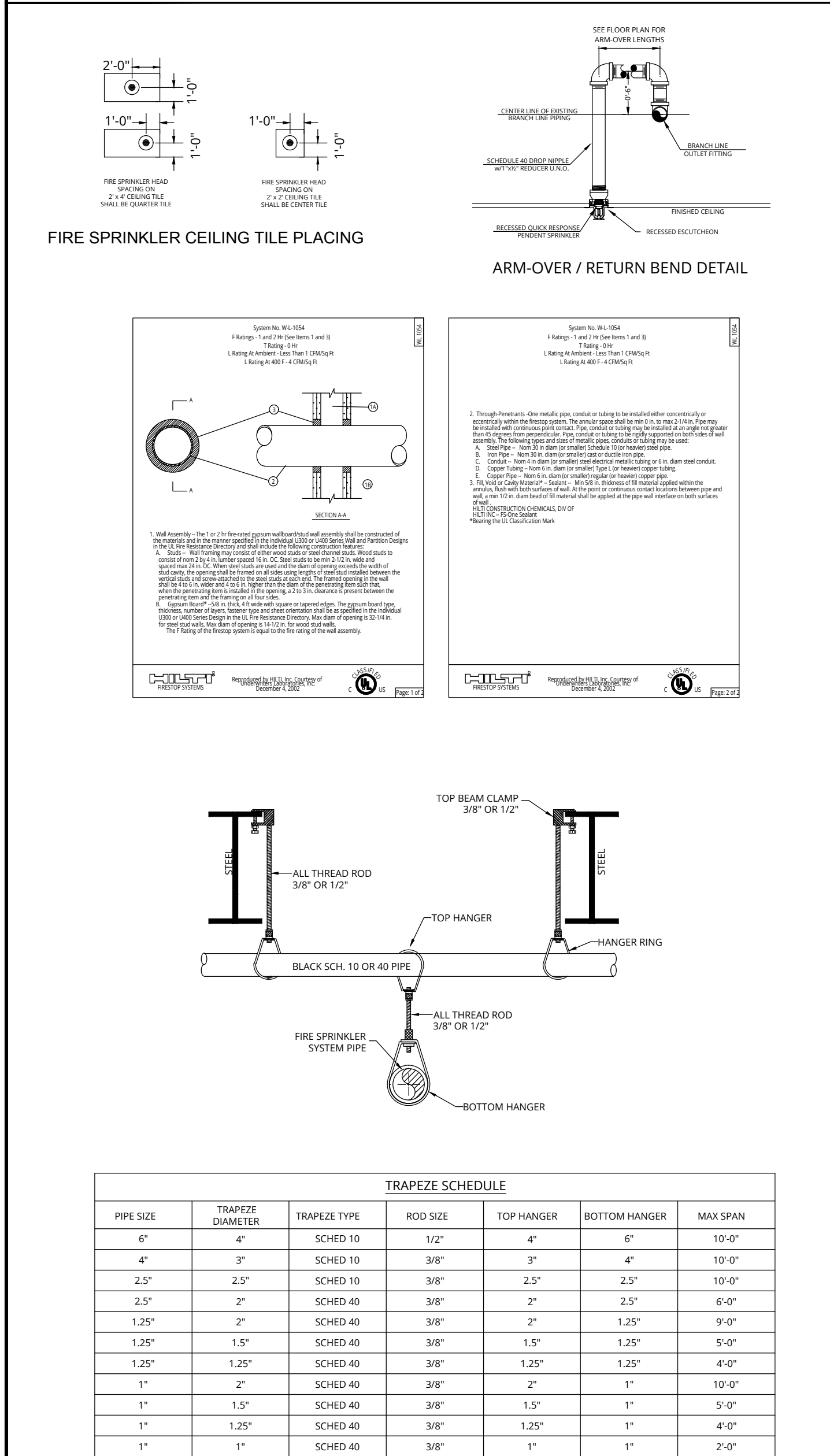
SPRINKLER LEGEND					
SYMBOL	COUNT	K-FACTOR	SPN	NPT	DESCRIPTION
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	1	5.6	TY3251	3/4"	TYCO TY-8 SR CHROME RECESSED PENDENT FIRE SPRINKLER HEAD 280"
	9	8.0	TY4131	3/4"	TYCO TY-8RB QR BRASS UPRIGHT FIRE SPRINKLER HEAD 155"
					DENOTES EXISTING FIRE SPRINKLER HEAD
	22				TOTAL HEADS
					DENOTES EXISTING FIRE SPRINKLER PIPE TO DEMO
					DENOTES EXISTING FIRE SPRINKLER PIPE TO REMAIN
					DENOTES NEW FIRE SPRINKLER PIPE
					DENOTES CONNECTION POINT TO EXISTING FIRE SPRINKLER SYSTEM

SPRINKLER LEGEND

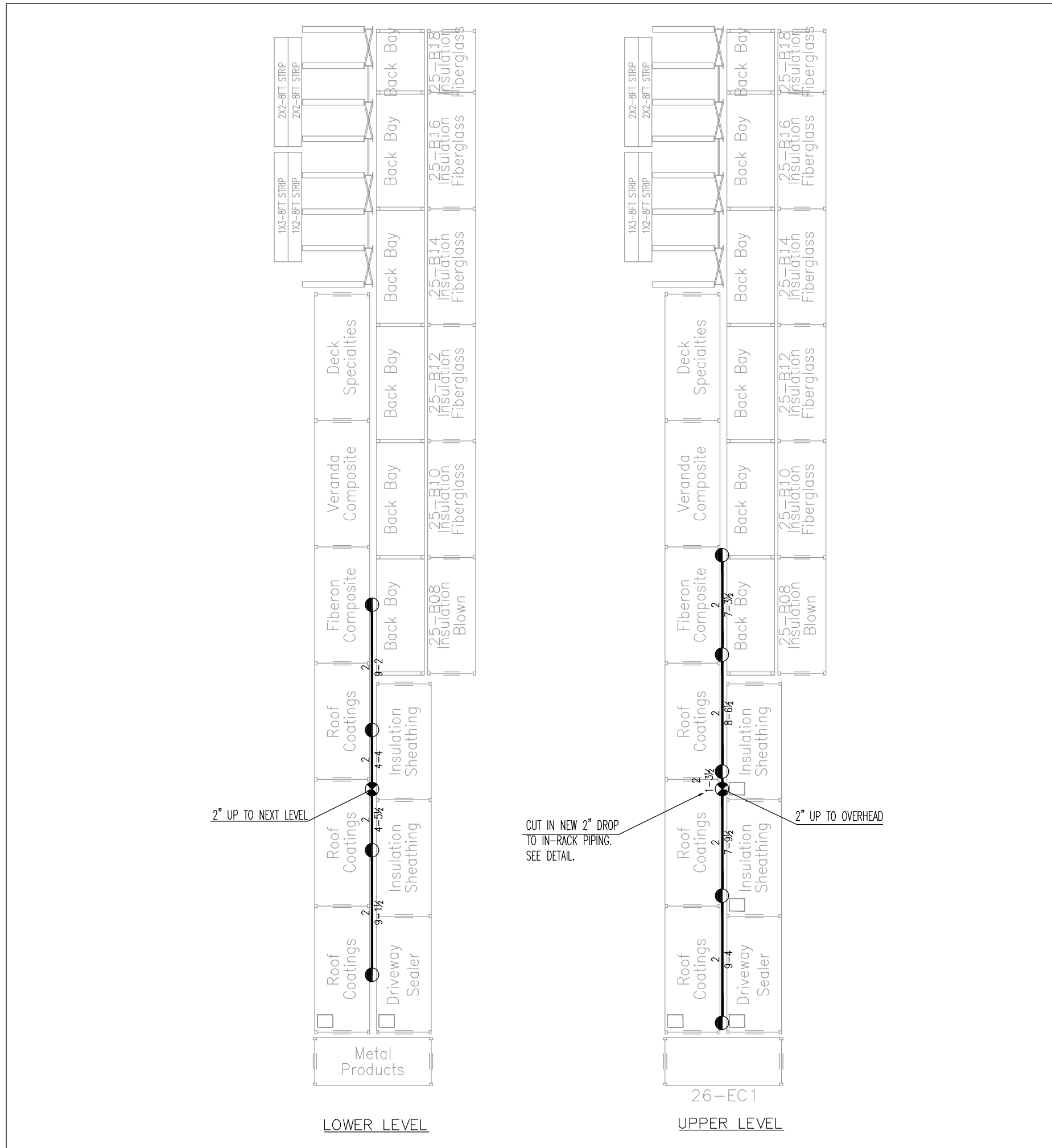


HANGER SPACING TABLE								
PIPE SIZE SCH. 10-40	1"	1 1/2"	1 3/4"	2"	2 1/2"	3"	4"	6"
MAXIMUM HANGER SPACING	12'-0"	12'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"
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MAXIMUM HANGER SPACING	6'-0"	6'-6"	7'-0"	8'-0"	9'-0"	10'-0"	10'-0"	NA

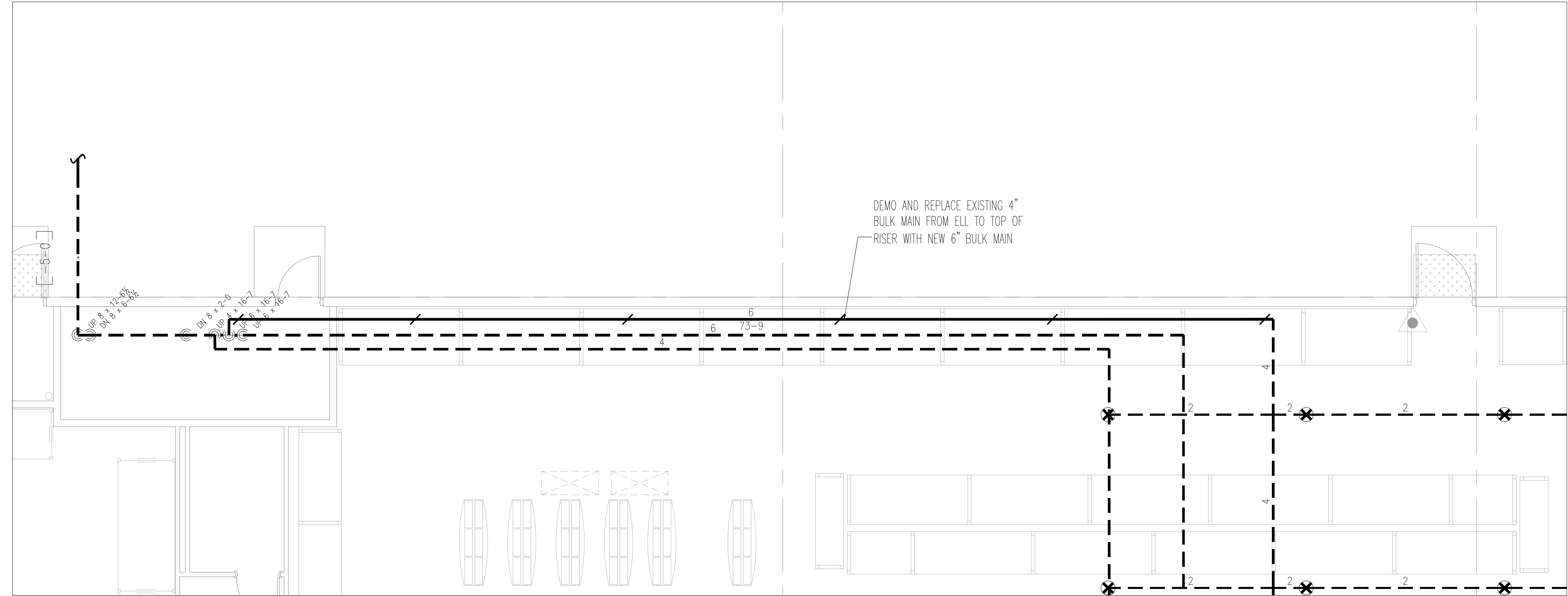
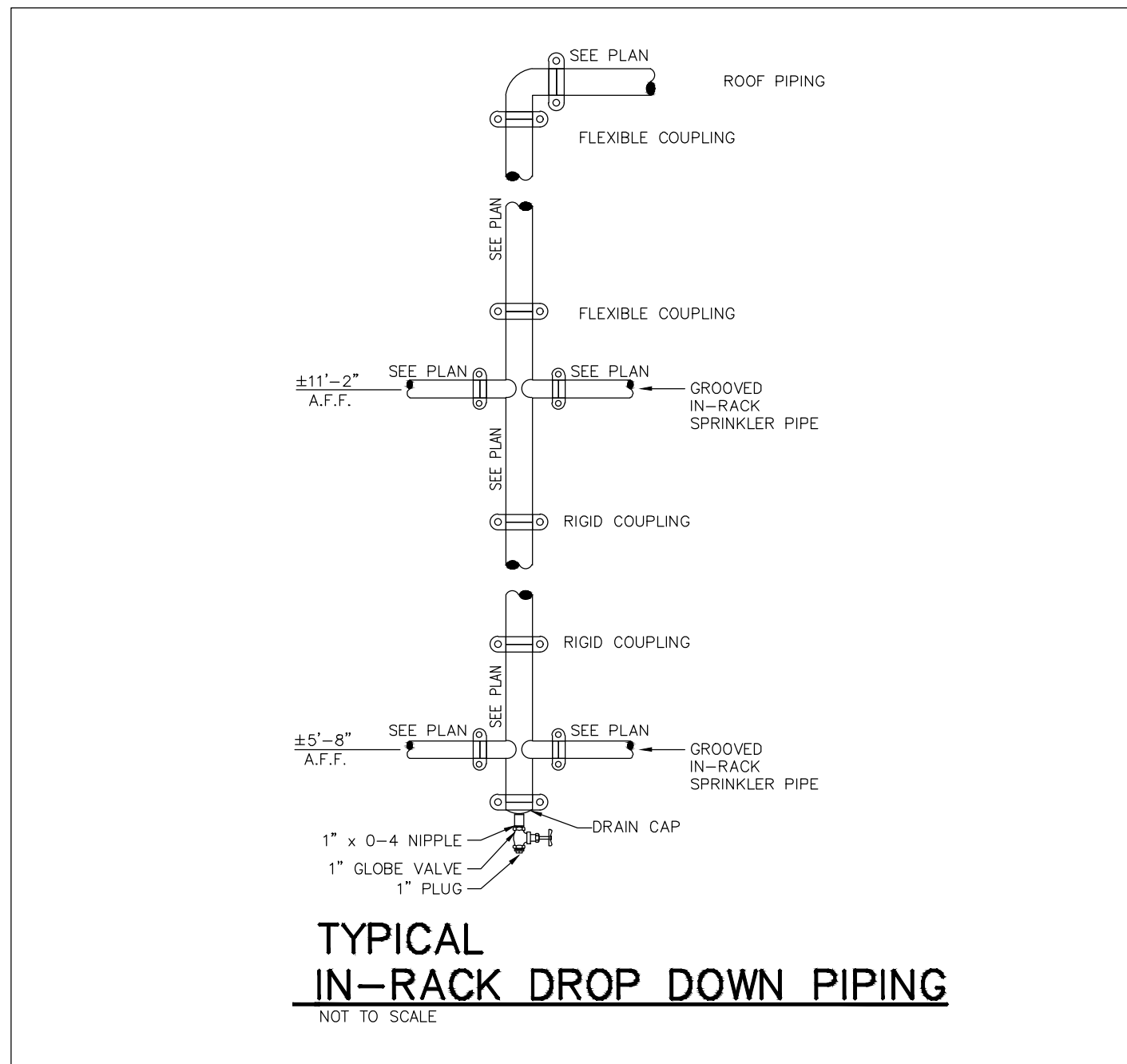
HANGER DETAIL



1
FP2
TOOL RENTAL CENTER FIRE SPRINKLER PLAN
SCALE: 1/8" = 1'-0"



2
FP2
COMBUSTIBLE LIQUIDS AND POLYSTYRENE
RACK FIRE SPRINKLER PLAN
SCALE: 1/8" = 1'-0"



3
FP2
MAIN DEMO AND REPLACEMENT FIRE SPRINKLER PLAN
SCALE: 1/4" = 1'-0"



DATE	BY	REV	DESCRIPTION

AHJ APP.

INSTALLING CONTRACTOR
COX FIRE PROTECTION
7910 PROFESSIONAL PLACE
TAMPA, FLORIDA 33637
PHONE: 813.980.3282
www.COXFIRE.com



PROJECT:
THE HOME DEPOT
RENOVATION
2145 SW HOME DEPOT DR
LAKE CITY, FL 32025
FIRE SPRINKLER PLAN

PIVOTAL RETAIL GROUP
CONTRACT NO. 3-2-4356-23-23
APPROVAL A.H.J.
DESIGNER NSC
SCALE AS NOTED
DATE 8/9/2023

FP2