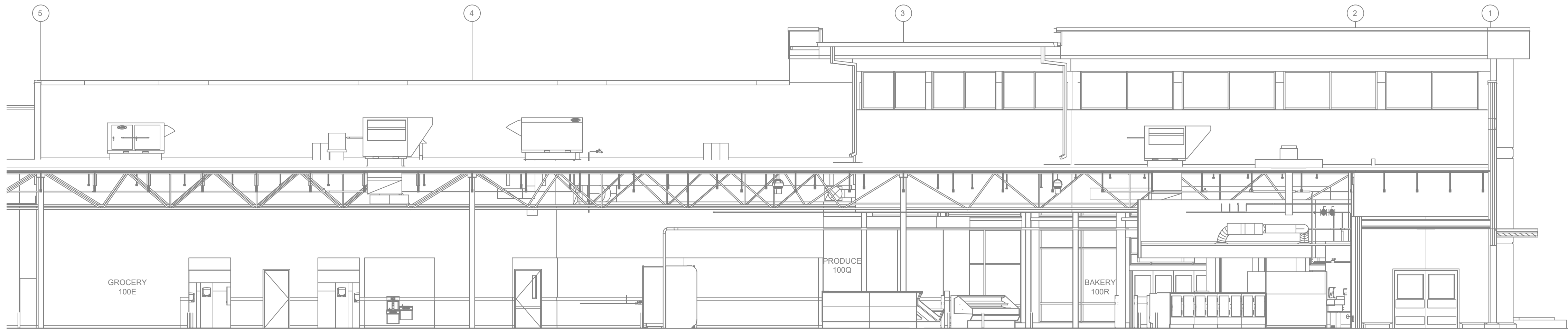
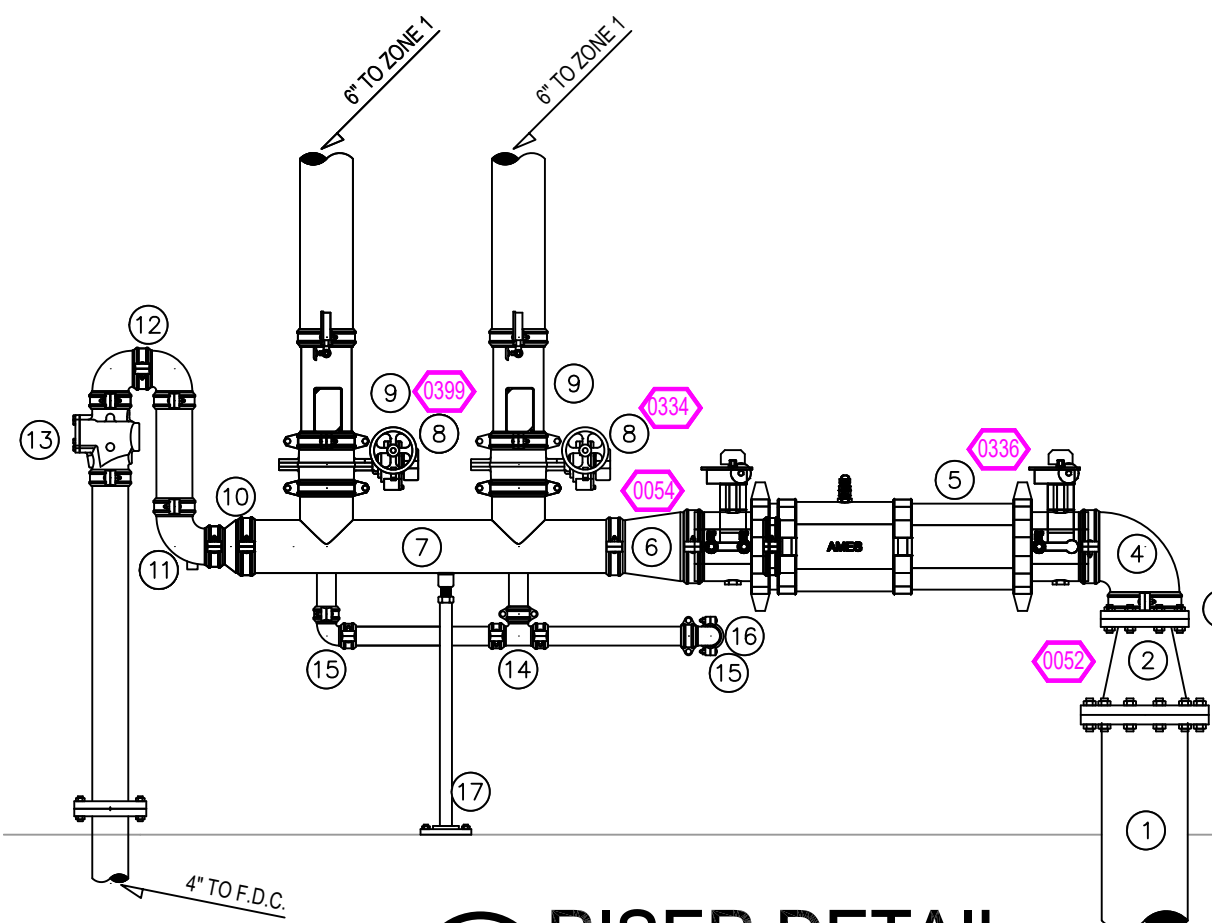




BUILDING SECTION

SCALE: 1/8" = 1'-0"

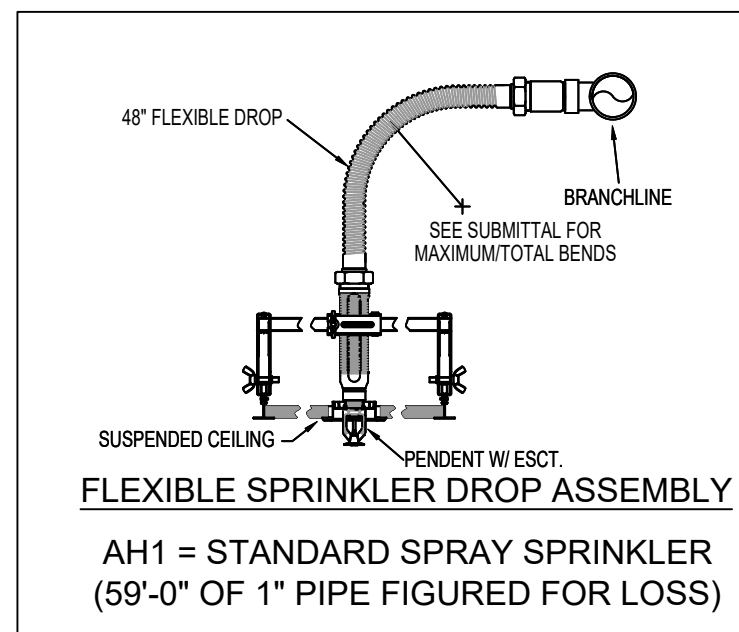


1 RISER DETAIL

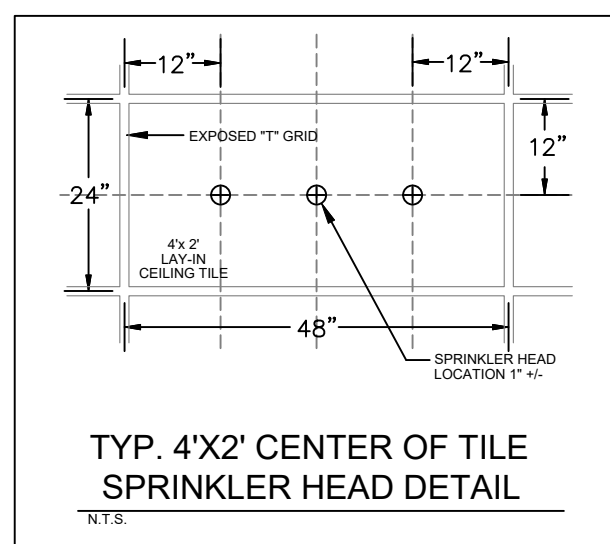
SCALE: 1/2" = 1'-0"

RISER LEGEND

- 10" WATER UNDERGROUND SERVICE (BY OTHERS)
- (FLUSHING & TESTING OF THE UNDERGROUND SHALL BE COMPLETED PRIOR TO THE SPRINKLER SYSTEM HOOKUP. UNDERGROUND PAPERS ARE TO BE SUPPLIED TO THE 1" CONTRACTOR BY THE G.C.)
- 10" X 8" FLANGED CONCENTRIC REDUCER
- 8" GROOVE FLANGE ADAPTOR
- 8" GROOVED 90
- 8" AMES C200 BACKFLOW
- 8" X 6" GROOVED REDUCER
- 6" WELDED MANIFOLD
- 8" GROOVE BUTTERFLY VALVE W/TAMPER (N.O.)
- 8" GROOVED COMMERCIAL RISER MANIFOLD W/ 2" TEST & DRAIN, PRESSURE GAUGE, AND FLOW SWITCH
- 6" X 4" GROOVED REDUCER
- 4" GROOVED DRAIN 90
- 4" GROOVED 90
- 4" FDC CHECK VALVE
- 4" GROOVED TEE
- 2" GROOVED 90
- 2" MAIN DRAIN PIPED TO EXTERIOR
- PIPE STAND

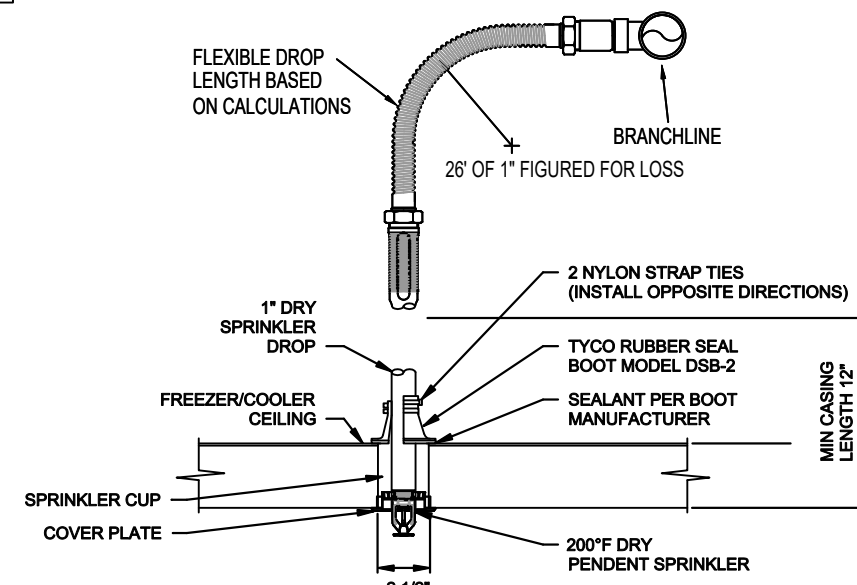


FLEXIBLE SPRINKLER DROP ASSEMBLY
AH1 = STANDARD SPRAY SPRINKLER
(59'-0" OF 1" PIPE FIGURED FOR LOSS)



TYP. 4'X2' CENTER OF TILE
SPRINKLER HEAD DETAIL

INSTALLATION DETAILS

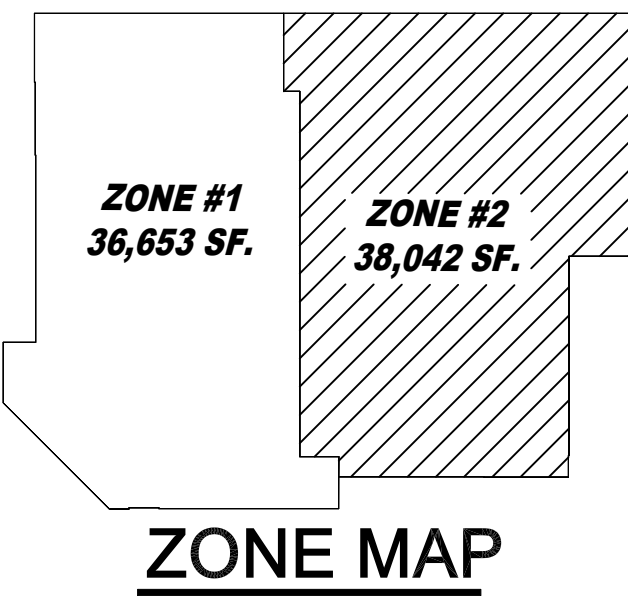


DRY FLEX DETAIL

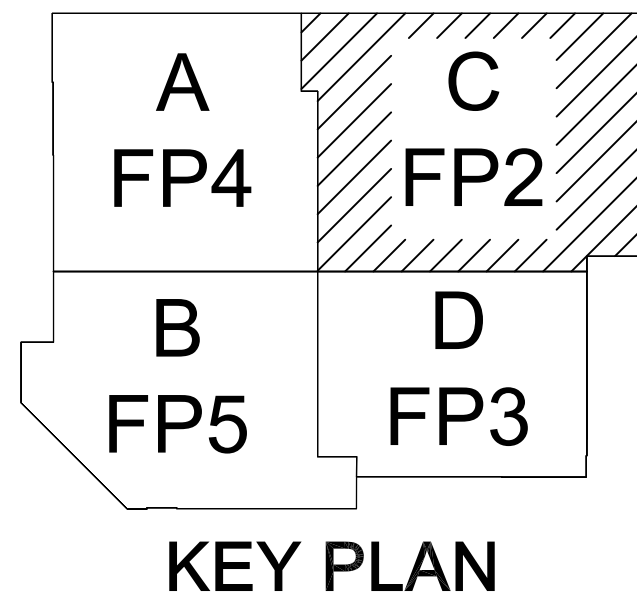
FLOW TEST INFO:
STATIC: 63 PSI
RESID: 61 PSI
FLOW: 1230 GPM
DATE: 08/26/24

★ FLOW TEST INFORMATION
PROVIDED BY IN
CONTRACT DOCUMENTS

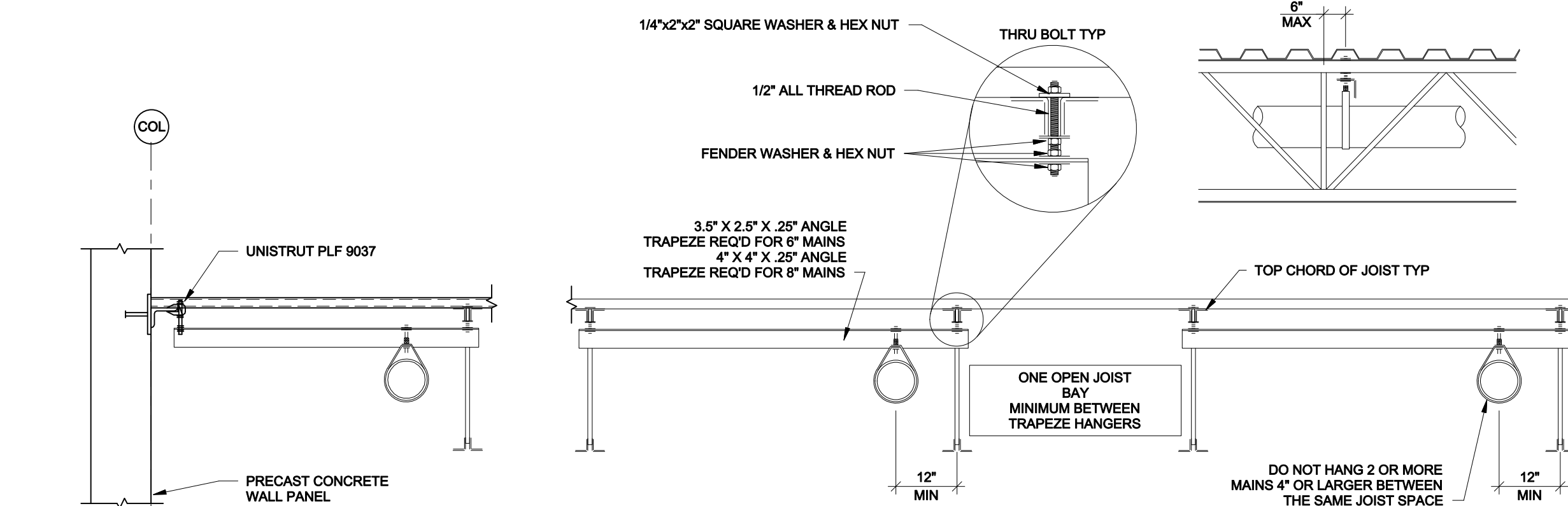
NOTE:
DIFFERENCE IN ELEVATION
FROM SOURCE TO BUILDING,
INCLUDED IN CALCULATIONS.



ZONE MAP



KEY PLAN



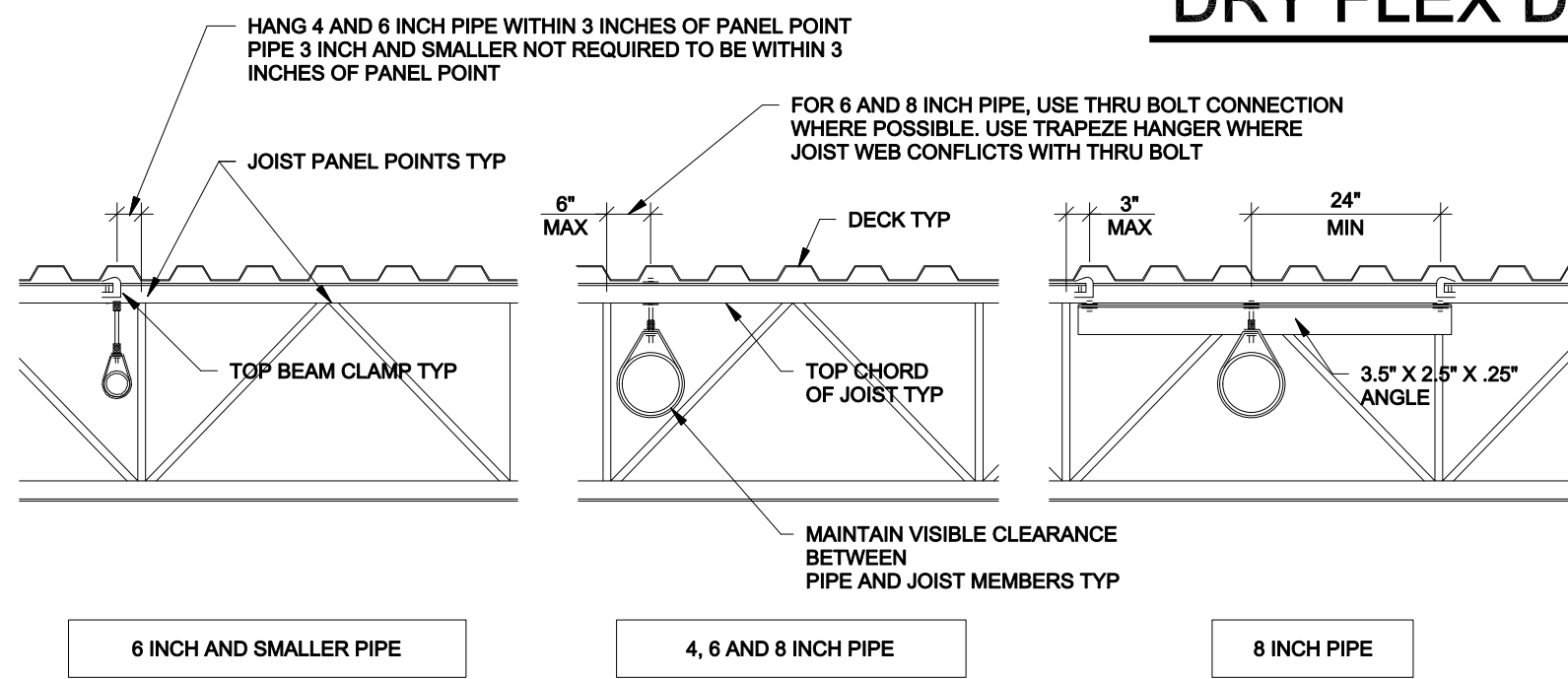
MAXIMUM HANGER SPACING FOR PIPES PARALLEL TO JOISTS				
2" & 2-1/2" PIPE EVERY 12'-0" NOT TRAPEZED BEAM CLAMP	3" & 4" PIPE EVERY 12'-0" NOT TRAPEZED BEAM CLAMP	6" PIPE EVERY 6'-0" NOT TRAPEZED BEAM CLAMP	8" PIPE EVERY 12'-0" TRAPEZED THRU BOLT	8" PIPE EVERY 12'-0" TRAPEZED THRU BOLT

PIPE RUNNING PARALLEL TO JOIST

CONTRACTOR MAY SUBSTITUTE ANGLE IRON TRAPEZE MEMBER WITH
PIPE MEMBER. SIZE PIPE MEMBER IN ACCORDANCE WITH NFPA-13 AND
MAINTAIN 12 INCH MAXIMUM DEFLECTOR DISTANCE

UTILIZE THESE HANGING METHODS FOR ALL SPRINKLER PIPING. SPACE
TRAPEZE HANGERS IN ACCORDANCE WITH SCHEDULE. LOCATE
HANGERS WITHIN 3 INCHES OF JOIST PANEL POINTS UNLESS
OTHERWISE NOTED.

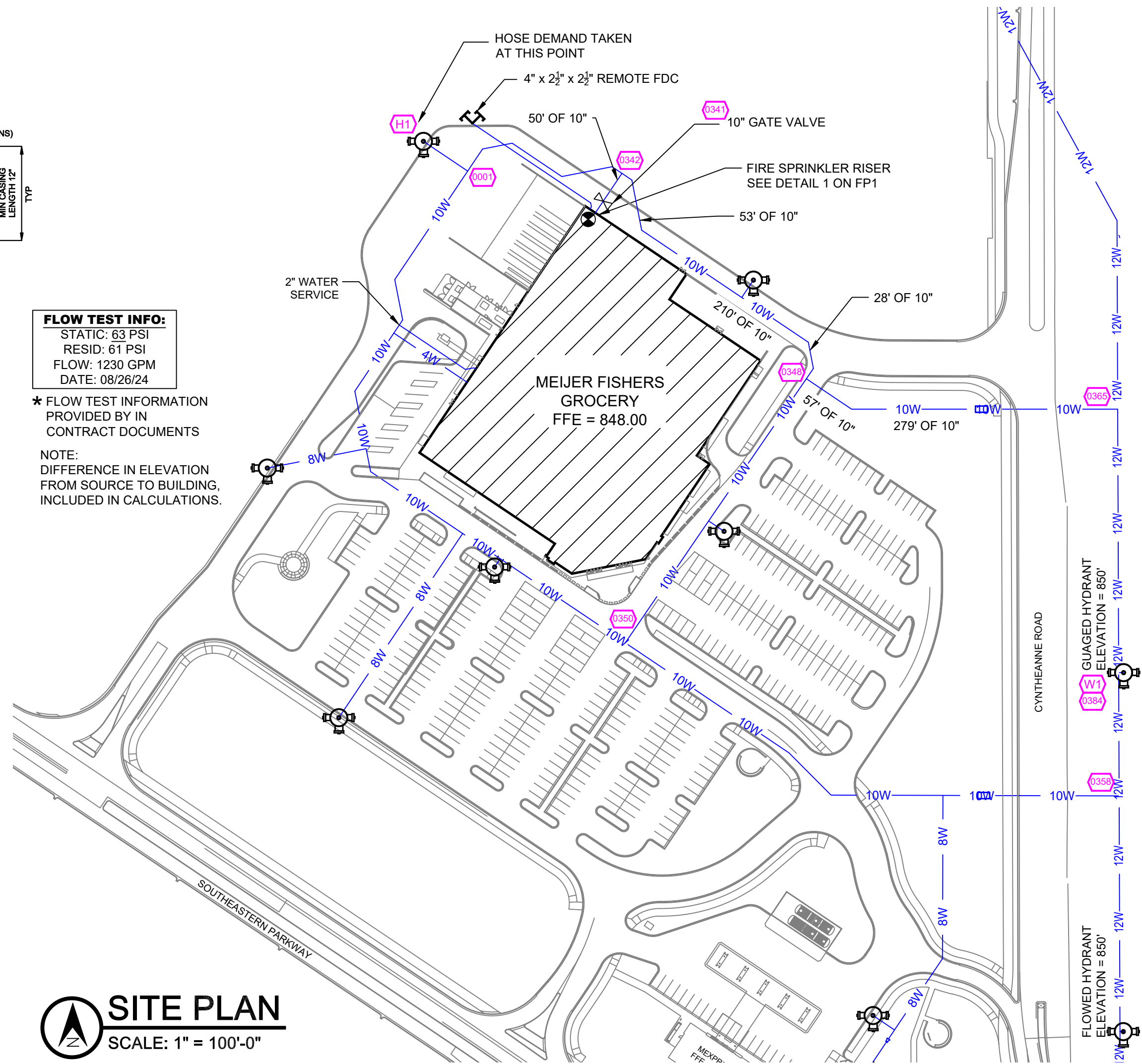
NOTE: DO NOT SUPPORT SPRINKLER PIPING FROM BOTTOM CHORD OF BAR JOISTS



MAXIMUM HANGER SPACING FOR PIPING PERPENDICULAR TO JOISTS			
BEAM CLAMP NOT TRAPEZED	BEAM CLAMP NOT TRAPEZED (ROOF FRAMING PLAN SHADED AREA)	THRU-BOLT NOT TRAPEZED	BEAM CLAMP TRAPEZED
2" & 2-1/2" PIPE EVERY 10'-0" EVERY OTHER JOIST	2" & 2-1/2" PIPE EVERY 10'-0" EVERY OTHER JOIST	2" & 2-1/2" PIPE EVERY 10'-0" EVERY OTHER JOIST	2" & 2-1/2" PIPE NOT NECESSARY
3" & 4" PIPE EVERY 12'-0" EVERY JOIST	3" & 4" PIPE EVERY 12'-0" EVERY OTHER JOIST	3" & 4" PIPE EVERY 12'-0" EVERY JOIST	3" & 4" PIPE NOT NECESSARY
6" PIPE EVERY 6'-0" EVERY JOIST	6" PIPE EVERY 6'-0" EVERY JOIST	6" PIPE EVERY 12'-0" EVERY JOIST	6" PIPE NOT NECESSARY
8" PIPE NOT ALLOWED	8" PIPE NOT ALLOWED	8" PIPE EVERY 8'-0" EVERY JOIST	8" PIPE EVERY 6'-0" EVERY JOIST

PIPE RUNNING PERPENDICULAR TO JOISTS

HANGER DETAILS



SITE PLAN

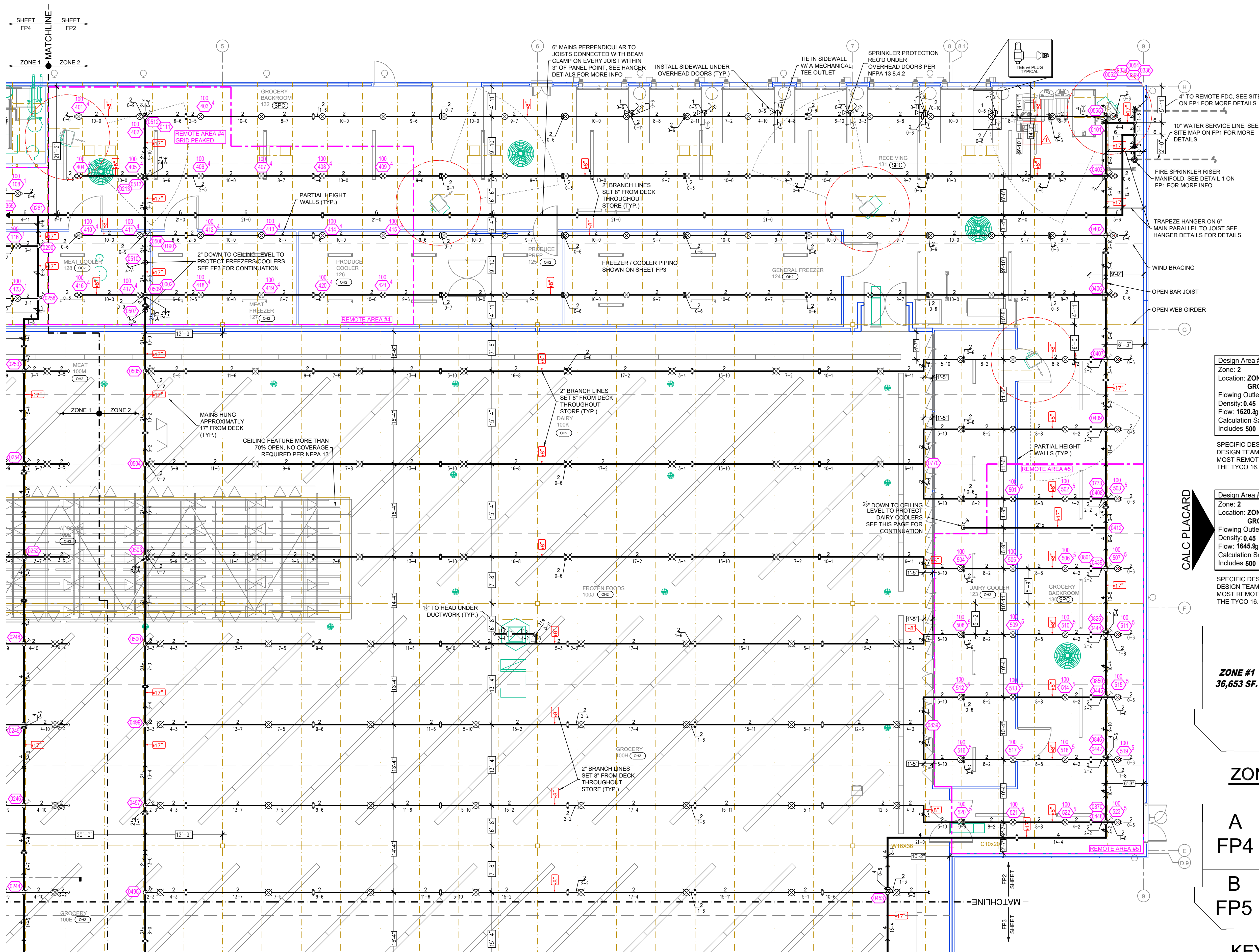
SCALE: 1" = 100'-0"

SPRINKLER HEAD LEGEND

SYM	CNT	POSITION	FINISH	TEMP	K	NPT	SIN	MF.G.	MODEL#	ESCU/CHEON	SPACING
6	1	DRY SIDEWALL	CHROME	200°	11.20	1"	TY3339	TYCO	DS-3	NONE	16'X16' U.N.O.
222	1	UPRIGHT	BRASS	286°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	18'X18' U.N.O.
147	1	UPRIGHT	BRASS	286°	16.80	3/4"	TY7151	TYCO	K17-231	NONE	10' X 10'
79	1	PENDENT	WHITE	200°	5.60	1/2"	TY3531	TYCO	RFII	CONCEALED	130 S.F. OH - 225 S.F. LH
7	1	UPRIGHT	BRASS	286°	5.60	1/2"	TY313	TYCO	TY-FRB	NONE	130 S.F. OH - 225 S.F. LH
6	1	SIDEWALL	BRASS	286°	5.60	1/2"	TY3331	TYCO	TY-FRB	NONE	10x10
56	1	DRY PENDENT	WHITE	200°	5.60	1"	TY3255	TYCO	DS-1	SEMI- RECESSED	130 S.F. OH - 225 S.F. LH
5	1	UPRIGHT/SPRG	BRASS	286°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	18'X18' U.N.O.
4	1	UPRIGHT	BRASS	200°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	18'X18' U.N.O.
532		TOTAL									

MEIJER FISHER #689
15700 SOUTHEASTERN PKY, FISHERS, INDIANA 46037
SPRINKLER PLAN

NORTH
DESIGNER JVG
SCALE 1/8" = 1'-0"
CHECK BY J.S.
FILE NUMBER
APPROVAL STATE & LOCAL
DATE 09-12-25
DRAWING NO. FP-1



CEILING LEVEL PIPING-C
SCALE: 1/8" = 1'-0"

SPRINKLER HEAD LEGEND

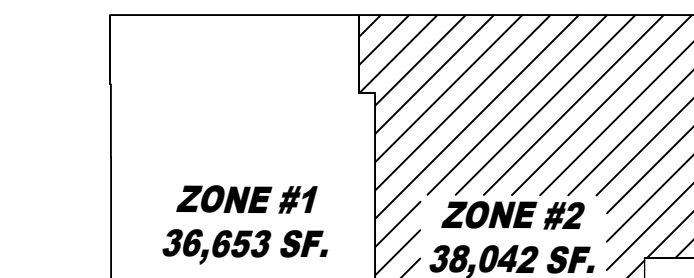
SYM	CNT	POSITION	FINISH	TEMP	K	NPT	SIN	MF.G.	MODEL#	ESCUTCHEON	SPACING
◀	6	DRY SIDEWALL	CHROME	200°	11.20	1"	TY5339	TYCO	DS-3	NONE	16'X16' U.O.
⊗	222	UPRIGHT	BRASS	286°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	16'X16' U.O.
⊗	147	UPRIGHT	BRASS	286°	16.80	3/4"	TY7151	TYCO	K17-231	NONE	10' X 10'
⊗	79	PENDENT	WHITE	200°	5.60	1/2"	TY3531	TYCO	RFII	CONCEALED	130 S.F. OH - 225 S.F. LH
⊗	7	UPRIGHT	BRASS	286°	5.60	1/2"	TY313	TYCO	TY-FRB	NONE	130 S.F. OH - 225 S.F. LH
◀	6	SIDEWALL	BRASS	286°	5.60	1/2"	TY3331	TYCO	TY-FRB	NONE	10x10
⊗	56	DRY PENDENT	WHITE	200°	5.60	1"	TY3255	TYCO	DS-1	SEMI- RECESSED	130 S.F. OH - 225 S.F. LH
⊗	5	UPRIGHT/SPRIG	BRASS	286°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	16'X16' U.O.
⊗	4	UPRIGHT	BRASS	200°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	16'X16' U.O.
532	TOTAL										

Design Area #4 HAZARD: SPECIAL
Zone: 2 System Type: WET
Location: **ZONE 2**
GROCERY BACKROOM 132
Flowing Outlets: 21
Density: 0.45 Remote Area: 2068
Flow: 1520.3 gpm @ 52.5 psi
Calculation Safety: 7.6 psi
Includes 500 gpm Hose allowance

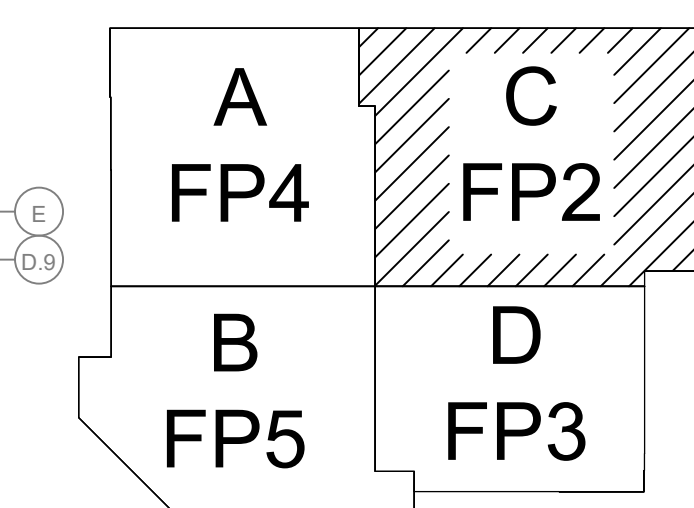
SPECIFIC DESIGN CRITERIA PROVIDED BY DESIGN TEAM OF 0.45 GPM / S.F. OVER THE MOST REMOTE 2,000 S.F. WITH THE USE OF THE TYCO 16.8K UPRIGHT SPRINKLER.

Design Area #5 HAZARD: SPECIAL
Zone: 2 System Type: WET
Location: **ZONE 2**
GROCERY BACKROOM 130
Flowing Outlets: 23
Density: 0.45 Remote Area: 2042
Flow: 1645.9 gpm @ 49.5 psi
Calculation Safety: 10.1 psi
Includes 500 gpm Hose allowance

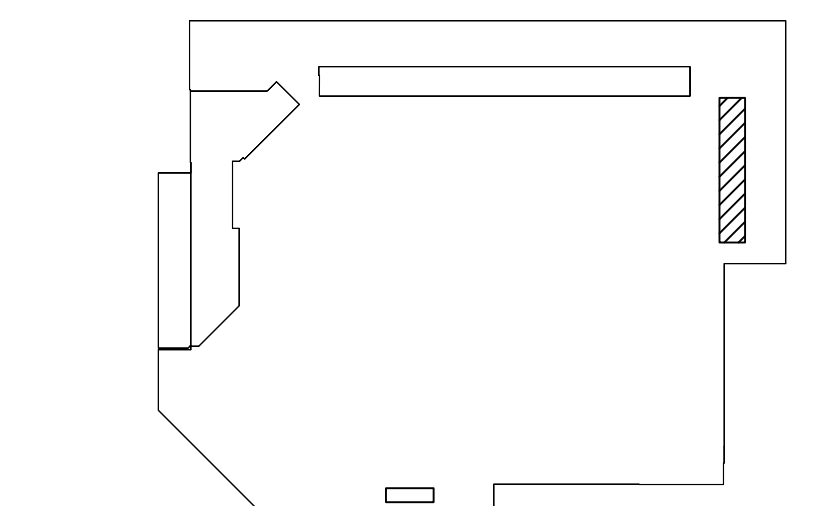
SPECIFIC DESIGN CRITERIA PROVIDED BY DESIGN TEAM OF 0.45 GPM / S.F. OVER THE MOST REMOTE 2,000 S.F. WITH THE USE OF THE TYCO 16.8K UPRIGHT SPRINKLER.



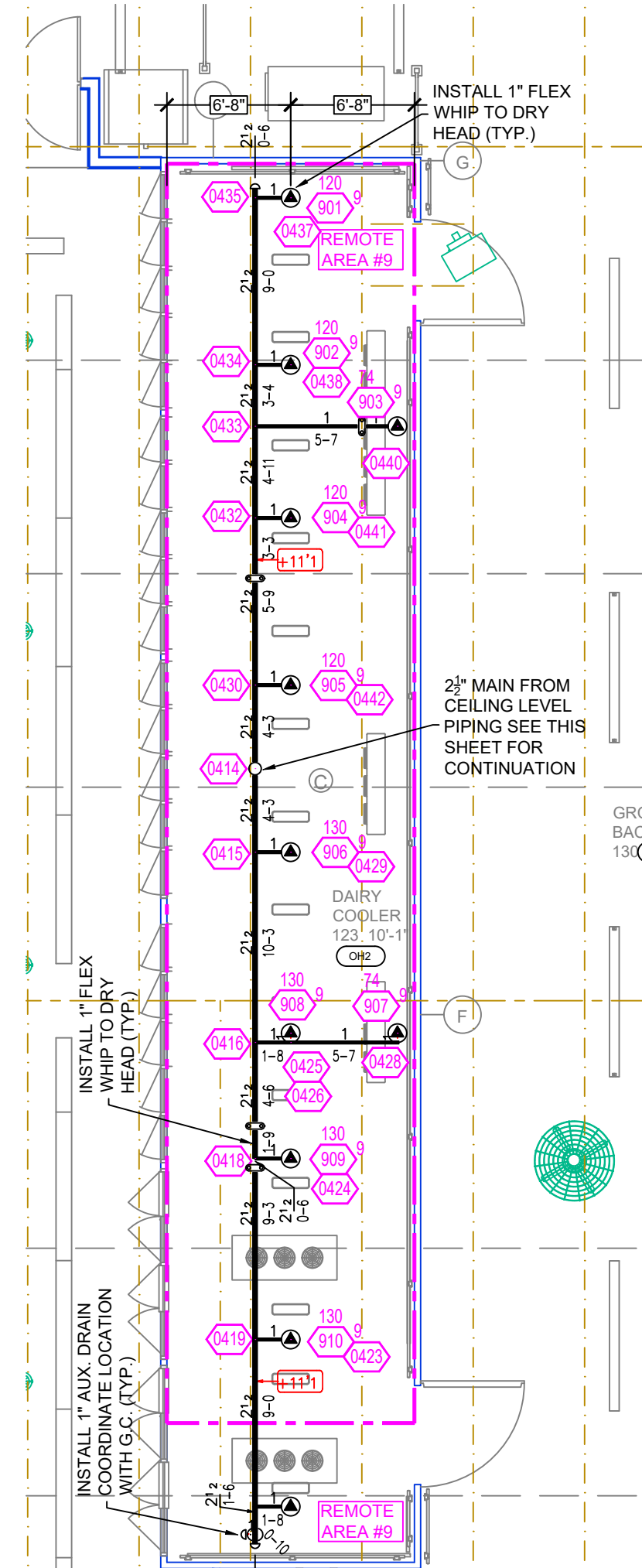
ZONE MAP



KEY PLAN



KEY PLAN



LOWER LEVEL PIPING-C
SCALE: 1/8" = 1'-0"

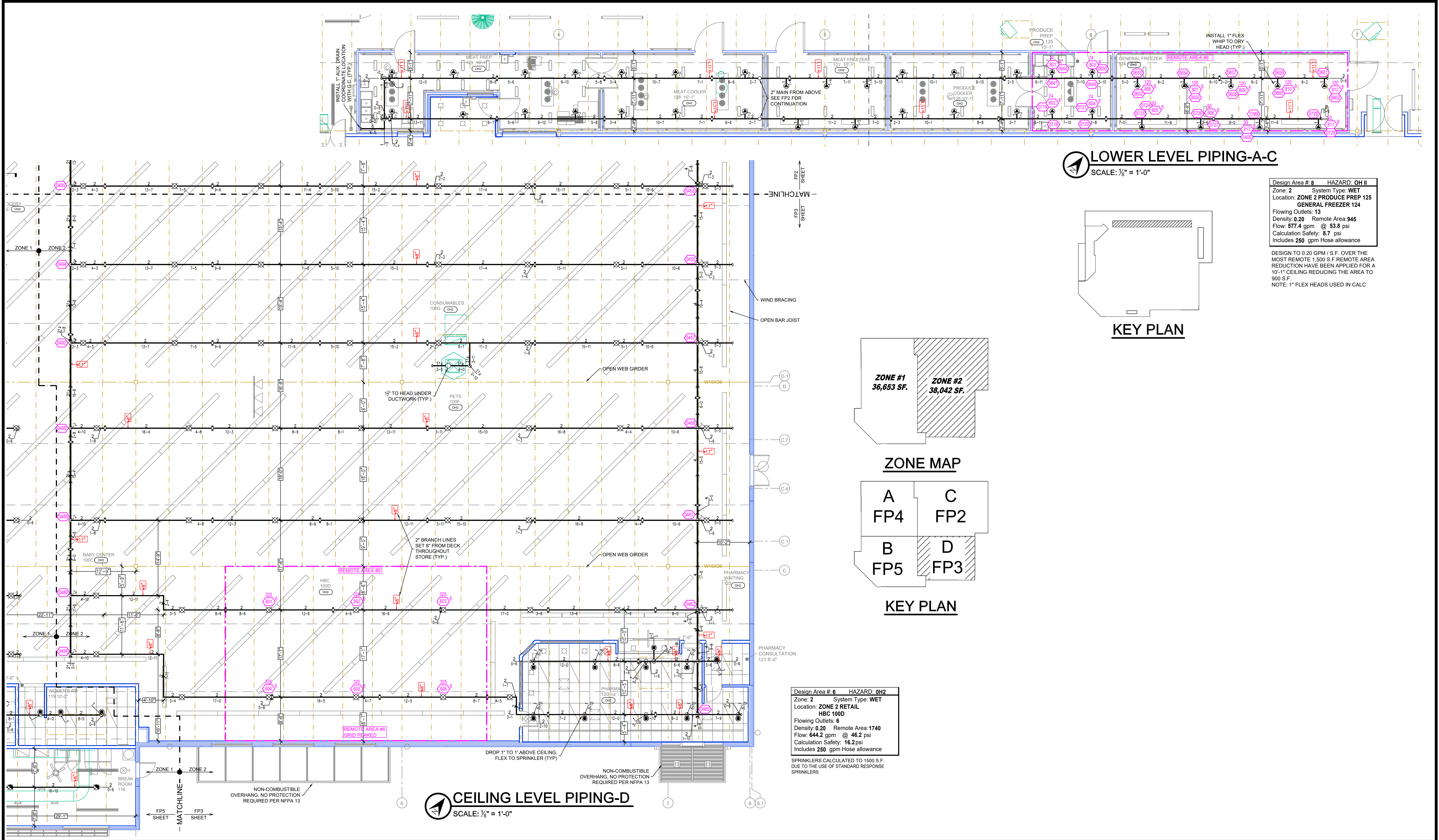
Design Area #9 HAZARD: OH II
Zone: 2 System Type: DRY
Location: **ZONE 2**
DAIRY COOLER 123
Flowing Outlets: 10
Density: 0.20 Remote Area: 904
Flow: 527.5 gpm @ 53.2 psi
Calculation Safety: 9.4 psi
Includes 250 gpm Hose allowance

DESIGN TO 0.20 GPM / S.F. OVER THE MOST REMOTE 1,500 S.F. REMOTE AREA REDUCTION HAVE BEEN APPLIED FOR A 10'-1" CEILING REDUCING THE AREA TO 900 S.F.
NOTE: 1" FLEX HEADS USED IN CALC

MEIJER FISHER #689
15700 SOUTHEASTERN PKY, FISHERS, INDIANA 46037

SPRINKLER PLAN

NORTH	
DESIGNER	JVG
SCALE	1/8" = 1'-0"
CHECK BY	J.S.
FILE NUMBER	
APPROVAL	STATE & LOCAL
DATE	09-12-25
DRAWING NO.	FP-2



SPRINKLER HEAD LEGEND

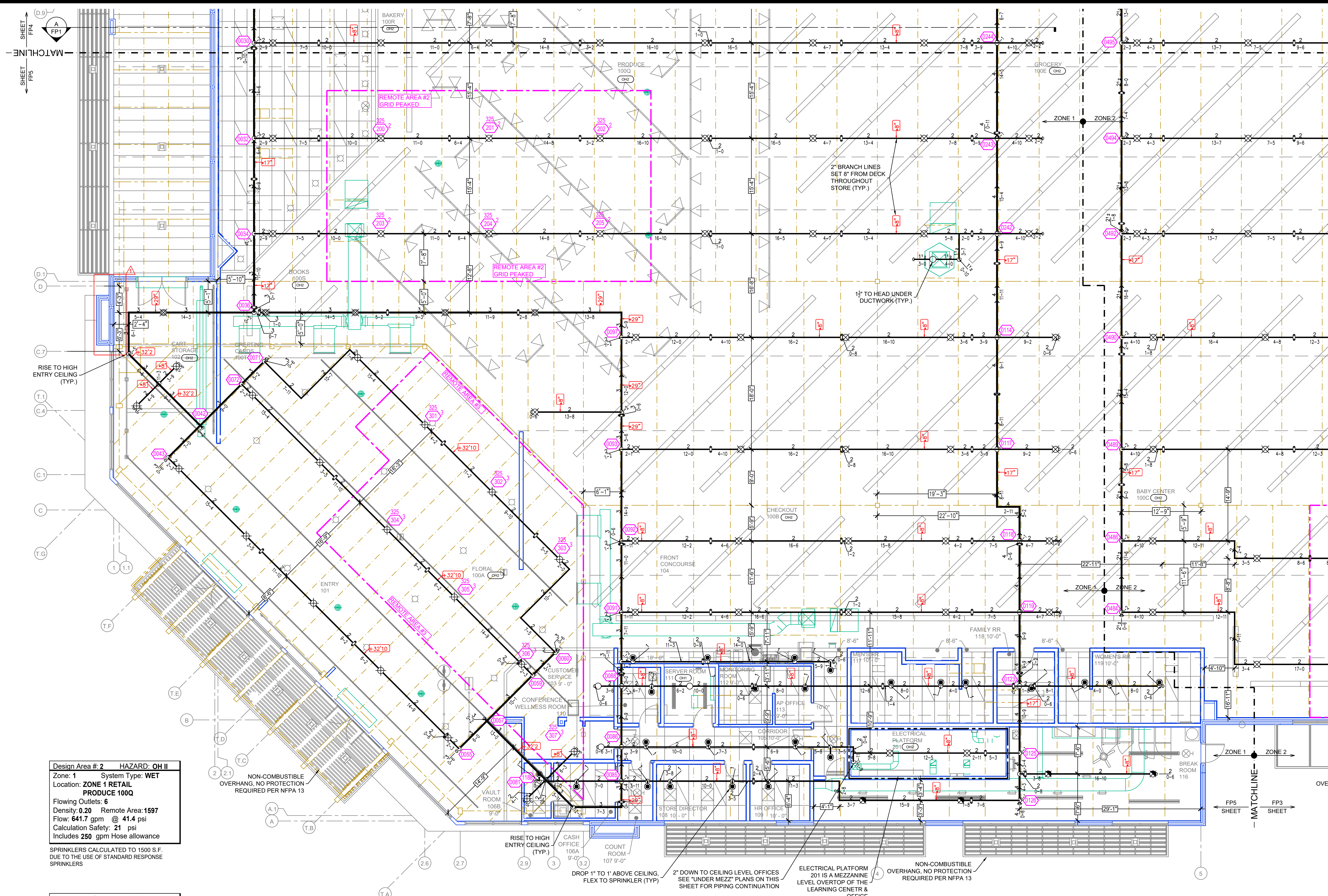
SYM	CNT	POSITION	FINISH	TEMP	K	NPT	SIN	MF.G.	MODEL#	ESCUTCHEON	SPACING
◀	6	DRY SIDEWALL	CHROME	200°	11.20	1"	TY5339	TYCO	DS-3	NONE	16'X16' U.N.O.
⊗	222	UPRIGHT	BRASS	286°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	18'X18' U.N.O.
⊗	147	UPRIGHT	BRASS	286°	16.80	3/4"	TY7151	TYCO	K17-231	NONE	10' X 10'
⊗	79	PENDENT	WHITE	200°	5.60	1/2"	TY3531	TYCO	RF1I	CONCEALED	130 S.F. OH - 225 S.F. LH
⊗	7	UPRIGHT	BRASS	286°	5.60	1/2"	TY313	TYCO	TY-FRB	NONE	130 S.F. OH - 225 S.F. LH
◁	6	SIDEWALL	BRASS	286°	5.60	1/2"	TY3331	TYCO	TY-FRB	NONE	10x10
⬆	56	DRY PENDENT	WHITE	200°	5.60	1"	TY3255	TYCO	DS-1	SEMI- RECESSED	130 S.F. OH - 225 S.F. LH
⊗	5	UPRIGHT/SPRIG	BRASS	286°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	18'X18' U.N.O.
⊗	4	UPRIGHT	BRASS	200°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	18'X18' U.N.O.
532	TOTAL										

MEIJER FISHER #689
15700 SOUTHEASTERN PKY, FISHERS, INDIANA 46037

SPRINKLER PLAN

NORTH	
DESIGNER	JVG
SCALE	1/8" = 1'-0"
CHECK BY	J.S.
FILE NUMBER	
APPROVAL	STATE & LOCAL
DATE	09-12-25
DRAWING NO.	FP-3

NORTH		
DESIGNER	JVJ	
SCALE	1/8" = 1'-0"	
CHECK BY	J.S.	
FILE NUMBER		
APPROVAL	STATE & LOCAL	
DATE	09-12-25	
DRAWING NO.	FP-4	



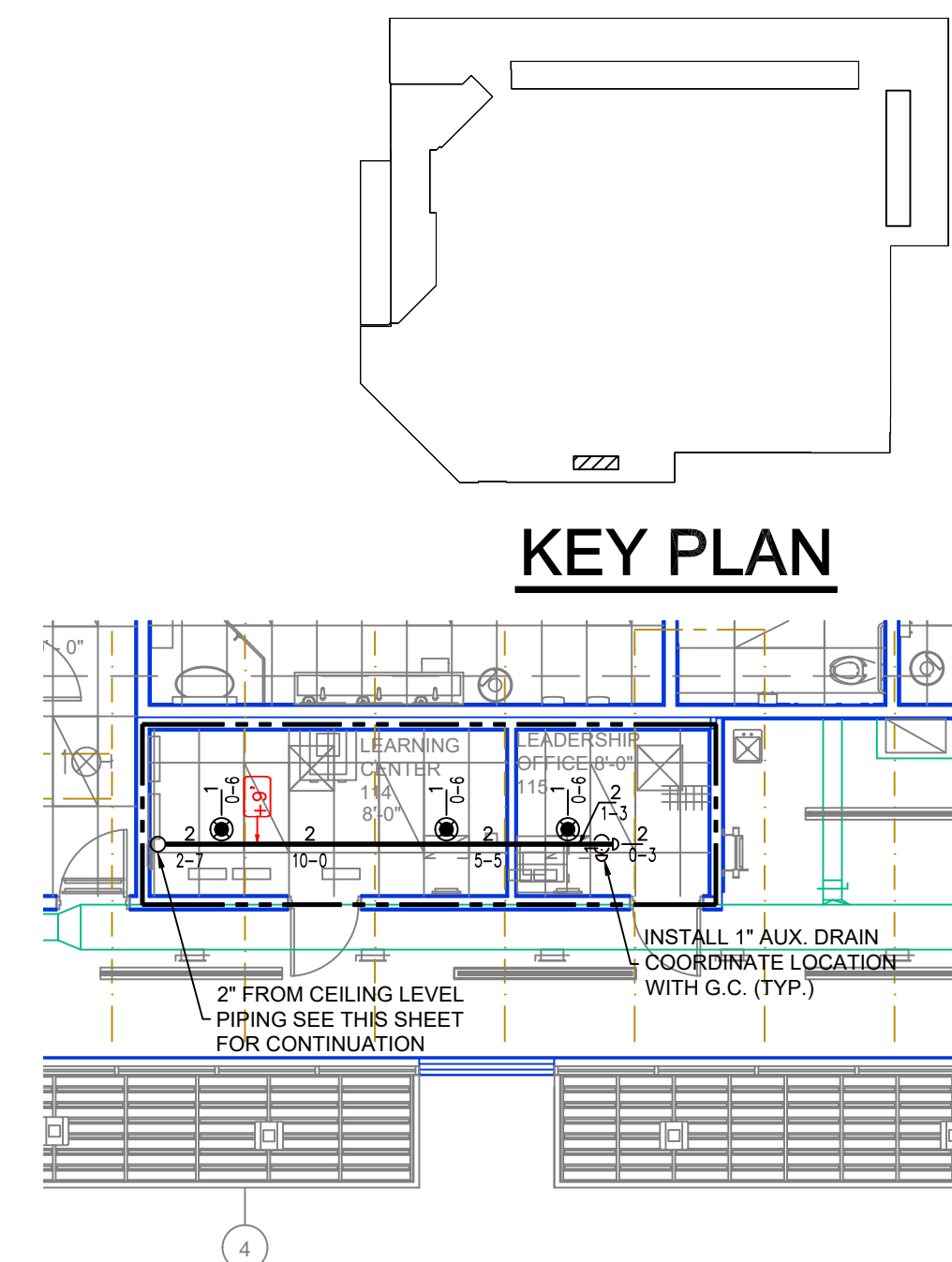
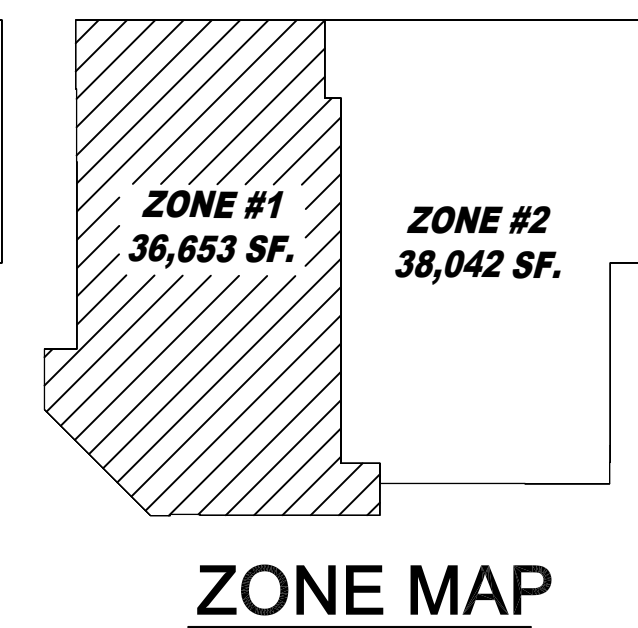
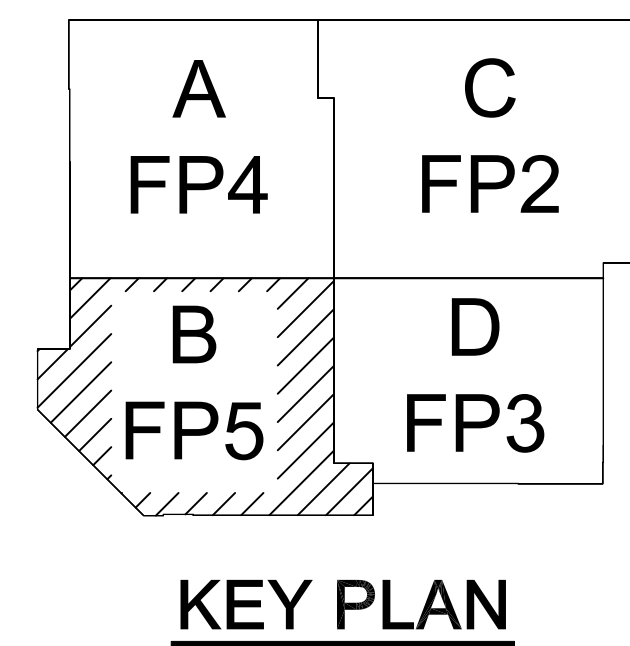
Design Area # 2 HAZARD: OH II
Zone: 1 System Type: WET
Location: ZONE 1 RETAIL
PRODUCE 100Q
Flowing Outlets: 6
Density: 0.20 Remote Area: 1597
Flow: 641.7 gpm @ 41.4 psi
Calculation Safety: 21 psi
Includes 250 gpm Hose allowance
SPRINKLERS CALCULATED TO 1500 S.F.
DUE TO THE USE OF STANDARD RESPONSE
SPRINKLERS

Design Area # 3 HAZARD: OH II
Zone: 1 System Type: WET
Location: ZONE 1 RETAIL
FLORAL 100A
Flowing Outlets: 7
Density: 0.20 Remote Area: 1597
Flow: 724 gpm @ 56.1 psi
Calculation Safety: 6.2 psi
Includes 250 gpm Hose allowance
SPECIFIC DESIGN CRITERIA PROVIDED
BY DESIGN TEAM OF 0.20 GPM / S.F.
OVER THE MOST REMOTE 1,500 S.F.

 **CEILING LEVEL PIPING-B**
SCALE: 1/8" = 1'-0"

SPRINKLER HEAD LEGEND

SYM	CNT	POSITION	FINISH	TEMP	K	NPT	SIN	MF.	MODEL#	ESCUTCHEON	SPACING
◀	16	DRY SIDEWALL	CHROME	200°	11.20	1"	TY5339	TYCO	DS-3	NONE	16'X16' U.O.
⊗	222	UPRIGHT	BRASS	286°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	18'X18' U.O.
⊗	147	UPRIGHT	BRASS	286°	16.80	3/4"	TY7151	TYCO	K17-231	NONE	10' X 10'
●	79	PENDENT	WHITE	200°	5.60	1/2"	TY3531	TYCO	RFII	CONCEALED	130 S.F. OH - 225 S.F. LH
○	17	UPRIGHT	BRASS	286°	5.60	1/2"	TY313	TYCO	TY-FRB	NONE	130 S.F. OH - 225 S.F. LH
◀	16	SIDEWALL	BRASS	286°	5.60	1/2"	TY3331	TYCO	TY-FRB	NONE	10x10
▲	56	DRY PENDENT	WHITE	200°	5.60	1"	TY3255	TYCO	DS-1	SEMI-RECESSED	130 S.F. OH - 225 S.F. LH
⊗	5	UPRIGHT/SPRIG	BRASS	286°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	18'X18' U.O.
⊗	4	UPRIGHT	BRASS	200°	14.00	3/4"	TY6137	TYCO	EC-14	NONE	18'X18' U.O.
532	TOTAL										



 **UNDER MEZZ PIPING**
SCALE: 1/8" = 1'-0"

MEIJER FISHER #689
15700 SOUTHEASTERN PKY, FISHERS, INDIANA 46037
SPRINKLER PLAN

NORTH 
DESIGNER JVG
SCALE 1/8" = 1'-0"
CHECK BY J.S.
FILE NUMBER
APPROVAL STATE & LOCAL
DATE 09-12-25
DRAWING NO. **FP-5**