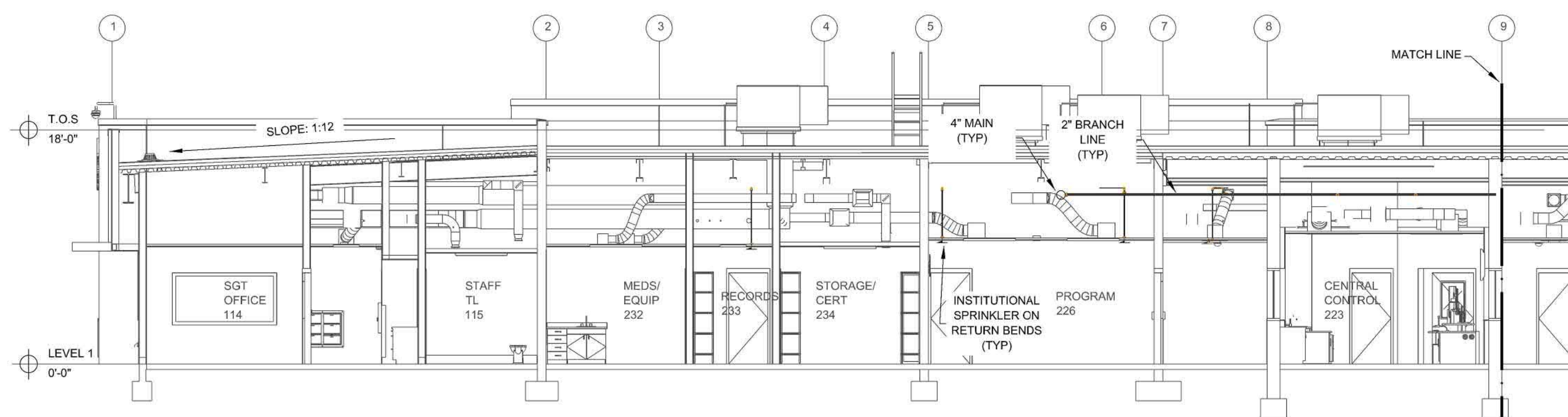
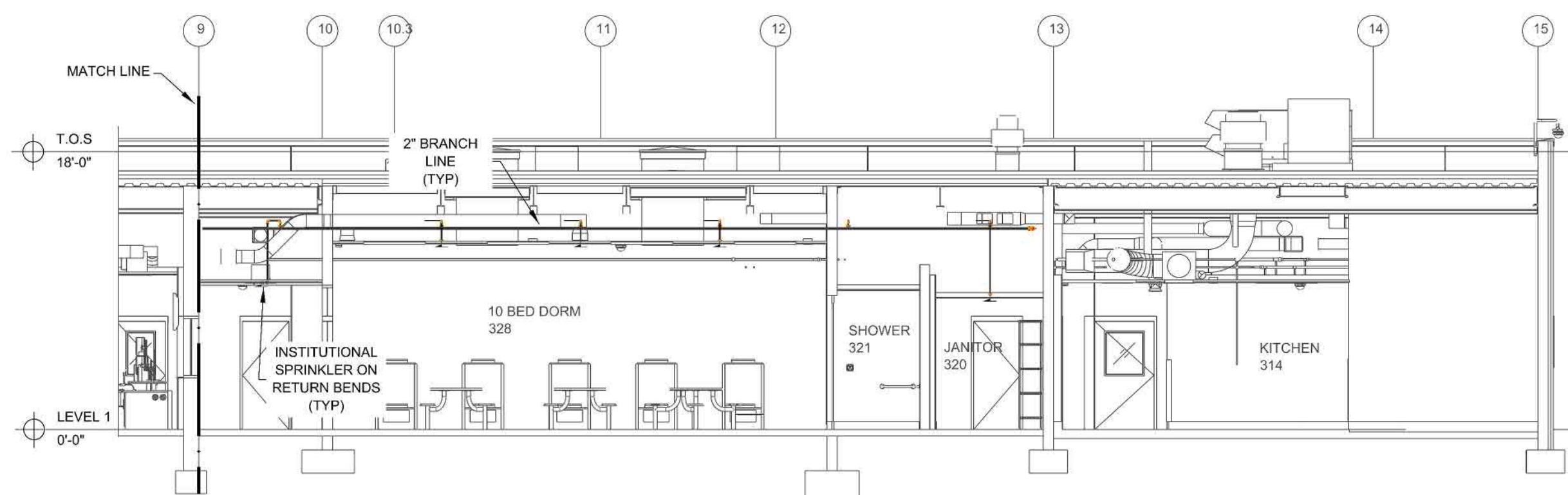
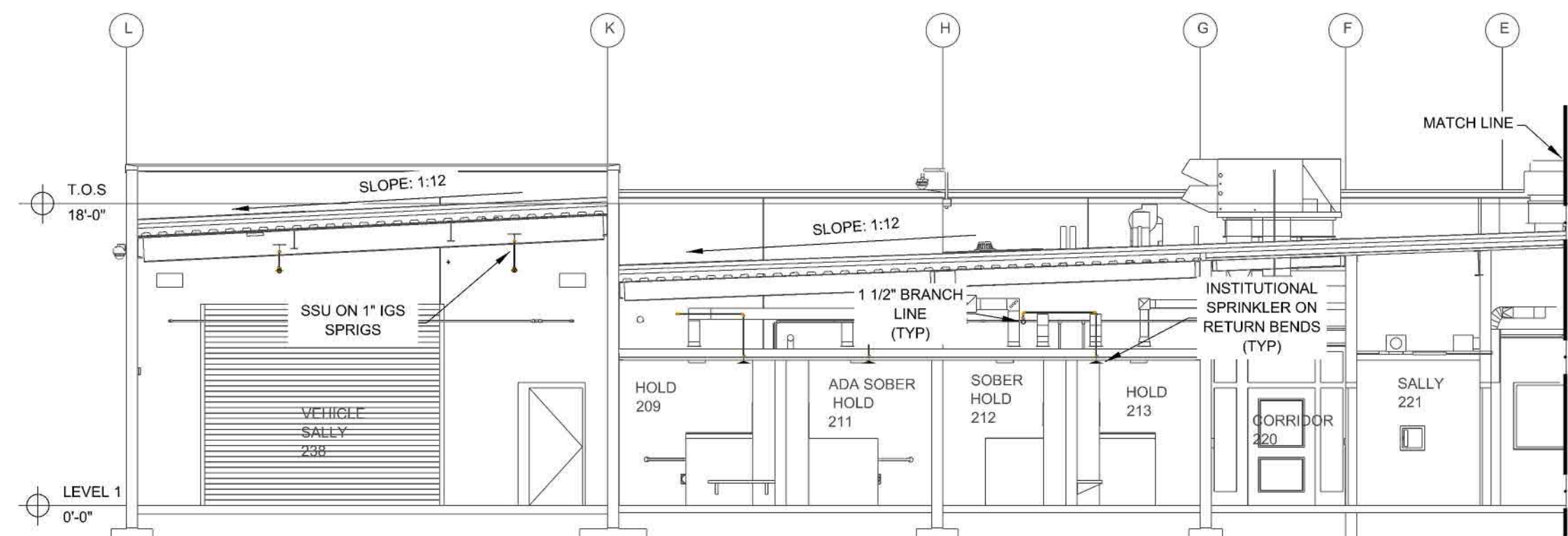




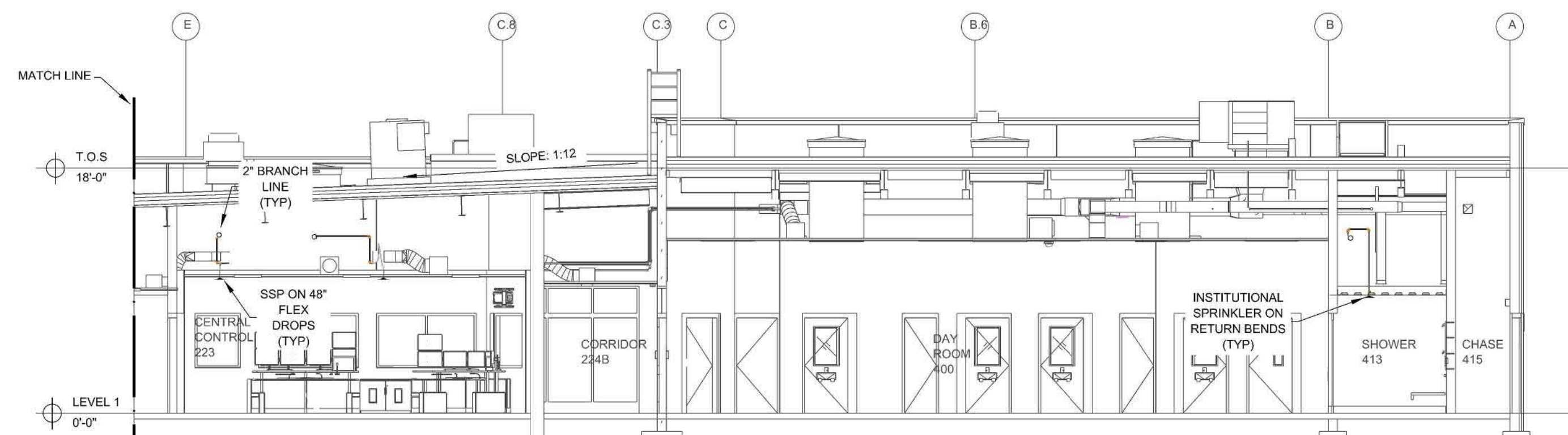
B EAST-WEST BUILDING SECTION
SCALE: 1/8" = 1'-0"



B EAST-WEST BUILDING SECTION
SCALE: 1/8" = 1'-0"

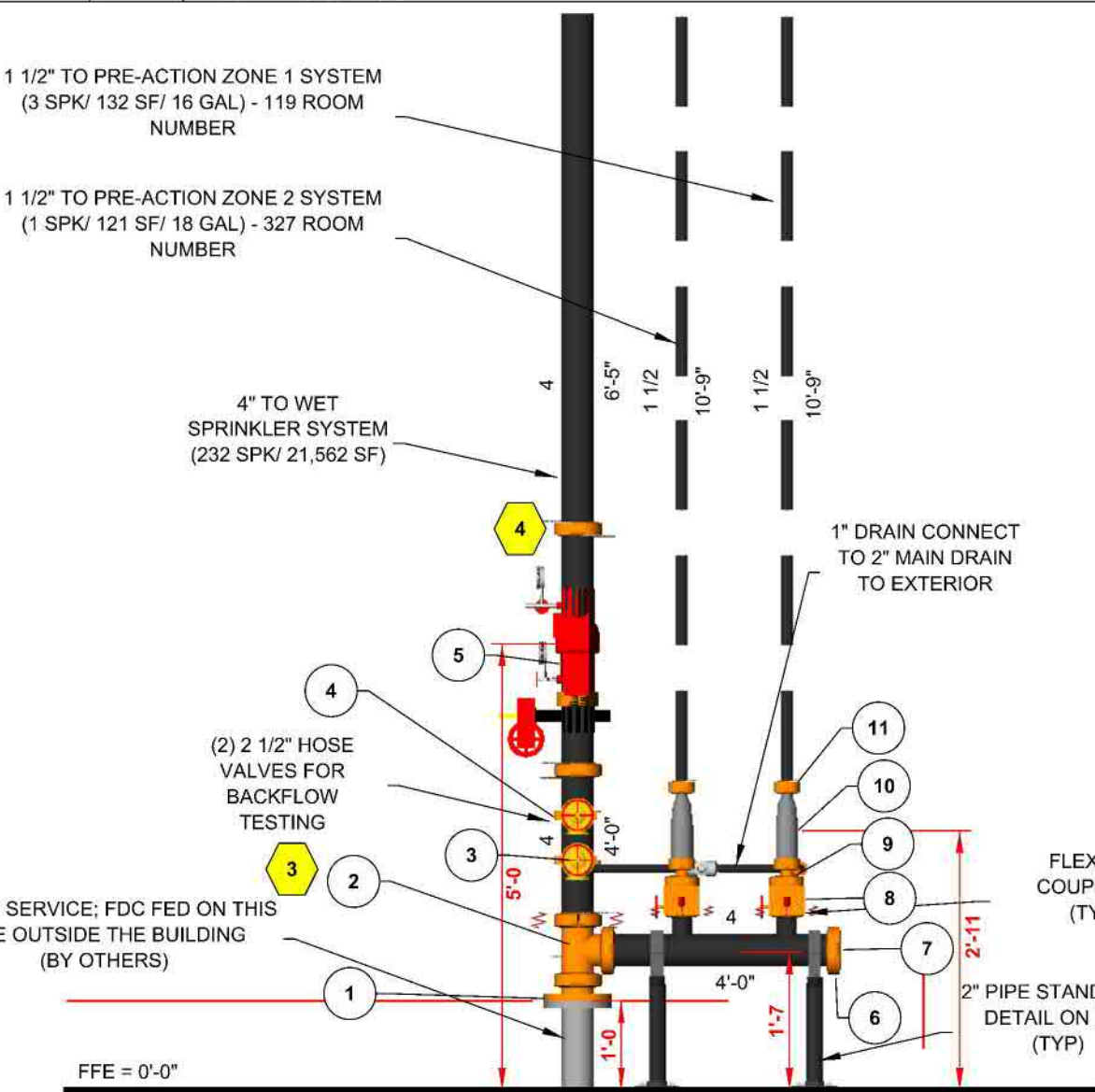


D NORTH-SOUTH BUILDING SECTION
SCALE: 1/8" = 1'-0"

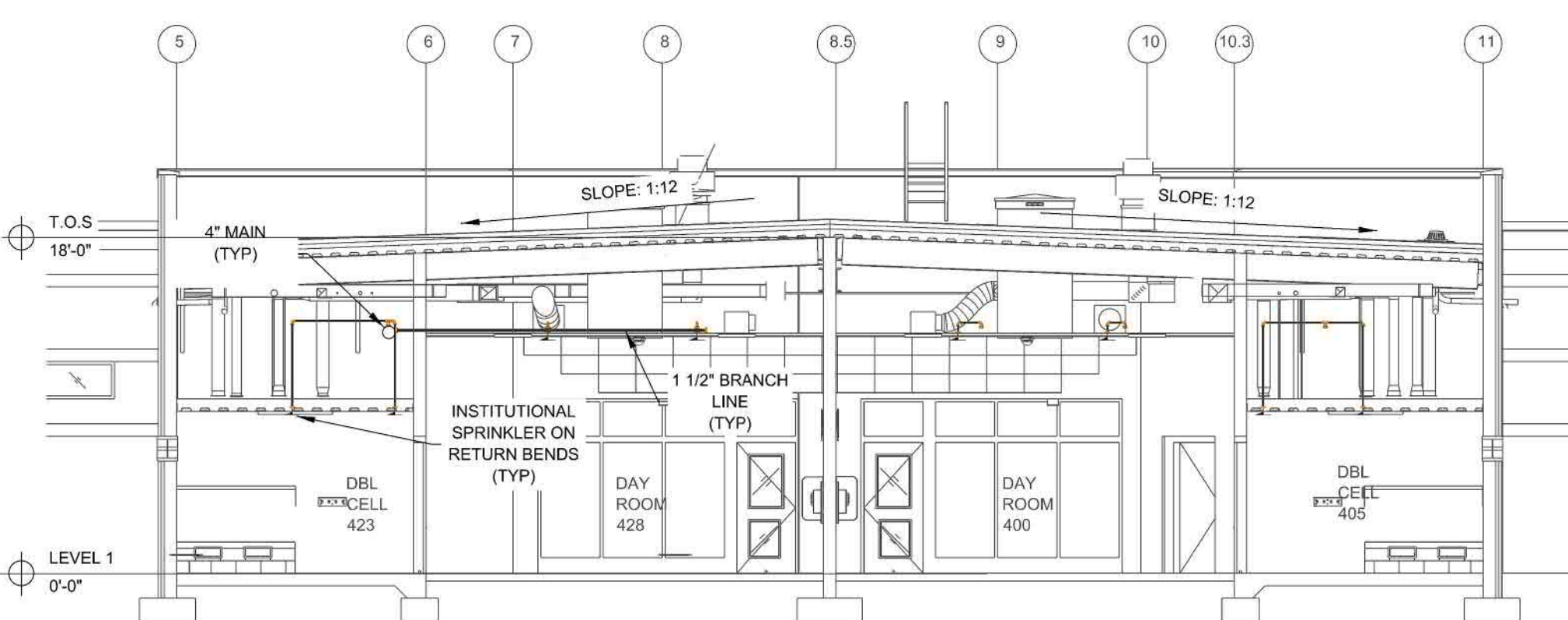


D NORTH-SOUTH BUILDING SECTION
SCALE: 1/8" = 1'-0"

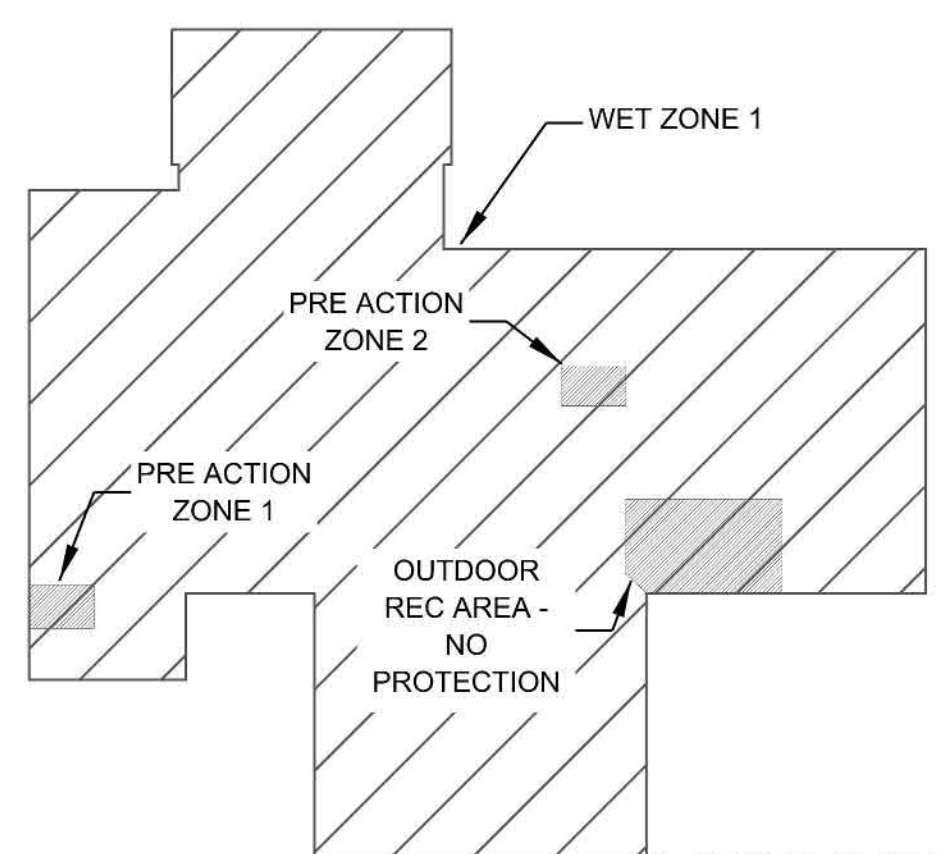
Key Note	Size	Description	Quantity
1	4"	G-F Flange Adapter, DL Org	1
2	4"	Grooved Short Radius Tee Org	1
3	2 1/2"	Hose Valve T-G	2
4	2 1/2"	Rigid Coupling, Org. E Gasket	6
5	4"	Tyco RM-2 Manifold w/ BPV, FLOW SWITCH, TEST & DRAIN, GAUGE, PRESS RELIEF	1
6	4"	Rigid Coupling, Org. E Gasket	6
7	4"	Cap, DL Org	1
8	2 1/2"	Butterfly Valve, G-G (NORMALLY OPEN)	2
9	2 1/2" x 1 1/2"	Grooved Concentric Reducer, DL Org	2
10	1 1/2"	Pre-Action, DLPA, DV-SA, G-G	2
11	1 1/2"	Rigid Coupling, Org. E Gasket	4



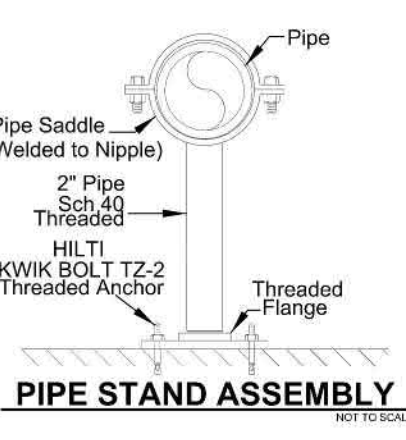
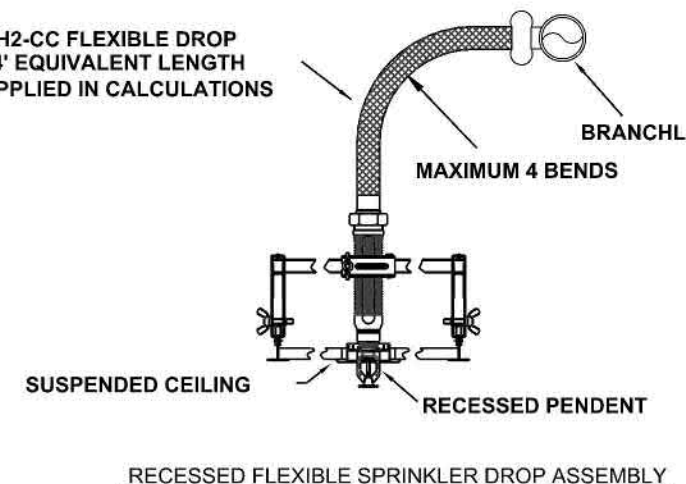
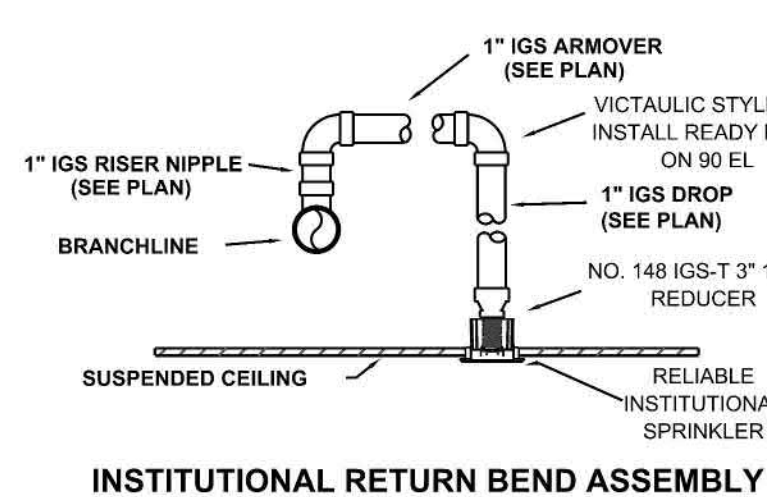
A RISER DETAIL
SCALE: 1/2" = 1'-0"



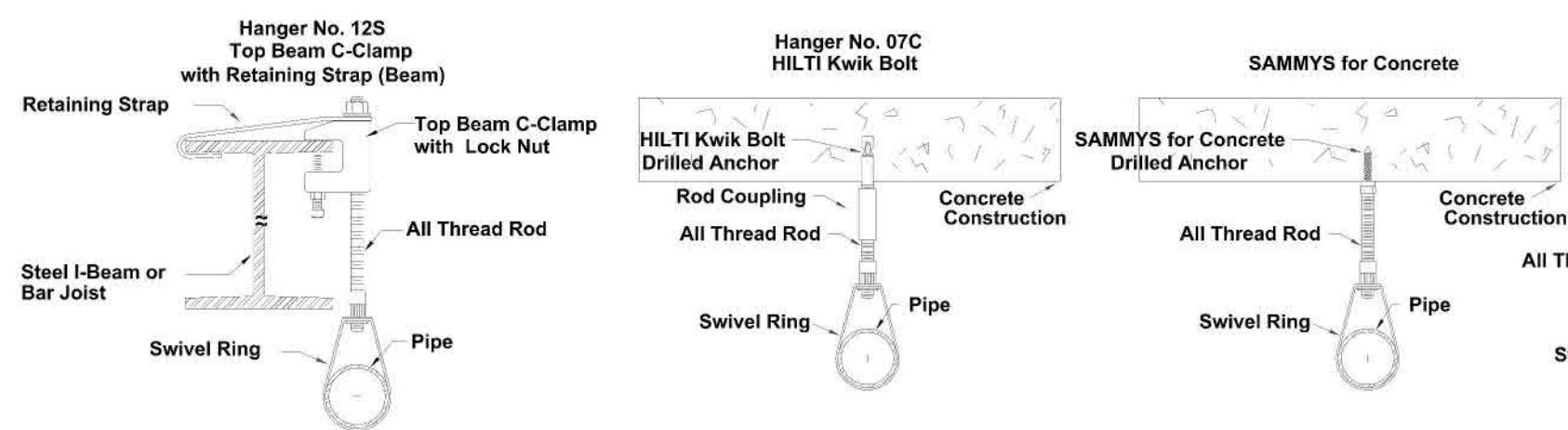
C DBL CELL CORRIDOR EAST WEST BUILDING SECTION
SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: 1" = 500'-0"



PRE ACTION INSPECTORS TEST DETAIL
SEE ROOF LEVEL PIPING FOR LOCATION NOT TO SCALE



HANGER DETAILS

MAXIMUM DISTANCE BETWEEN HANGERS (FT.-IN.)	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"
STEEL PIPE EXCEPT THREADED LIGHTWALL	NA	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0

Symbol	Manufacturer	SIN	Model	Quantity	K-Factor	Type	Size	Response	Finish	Temp	Note
●	Reliable	RA1214	XL INST	158	5.6	Consolidated Pendant	3/4"	Quick	Chrome	165°F	WHITE ESCUTCHEON
○	Reliable	RA1425	F1FR56	40	5.6	Upright	3/4"	Quick	Brass	175°F	SPIRG
○	Reliable	RA1425	F1FR56	3	5.6	Upright	3/4"	Quick	Brass	175°F	N/A
○	Reliable	R5714	F3QR56 DRY	3	5.6	Pendant	3/4"	Quick	Chrome	175°F	STANDARD DRY
○	Reliable	RA1414	F1FR56	36	5.6	Pendant	3/4"	Quick	Chrome	175°F	WHITE ESCUTCHEON
Total = 240											

GENERAL INFORMATION

- INTERNATIONAL BUILDING CODE (2021)
 - OCCUPANCY: TYPE B, I-3, I-3 W/ S-2 USE
 - TYPE OF CONSTRUCTION: I-B
 - SPRINKLERED AREAS (APPROXIMATE - SEE ARCHITECTURAL PLANS FOR ACTUAL)
 - WET SYSTEM = 21,562 SF
 - PRE ACTION ZONE 1 = 132 S.F.
 - PRE ACTION ZONE 2 = 121 S.F.
 - PRE ACTION ZONE 3 = 121 S.F.
 - TOTAL = 21,815 SF
 - DESIGN & INSTALLATION STANDARDS: NFPA-13 (2022), CALIFORNIA BUILDING CODE AND AMENDMENTS
 - AUTHORITY HAVING JURISDICTION (AHJ): CALIFORNIA STATE FIRE MARSHALL, MONO COUNTY PUBLIC UTILITIES
- SPRINKLER PIPE TYPES:
 - WET:
 - 2.1 1" PIPE TO BE SCHEDULE 40 BLACK STEEL w/ IGS FITTINGS
 - 2.2 1 1/2" THROUGH 4" MAINS & BRANCH LINES TO BE BLK SCHEDULE 10 w/ GROOVED FITTINGS
 - 2.3 MAINS & BRANCH LINES TO BE ROLL-GROOVED BLK SCHEDULE 10
 - 2.4 2" AND LARGER TO USE GROOVED SHORT RADIUS FITTINGS
 - PRE-ACTION:
 - 2.5 1" PIPE TO BE SCHEDULE 40 BLACK STEEL w/ IGS FITTINGS
 - 2.6 1 1/2" THROUGH 4" MAINS & BRANCH LINES TO BE BLK SCHEDULE 10 w/ GROOVED FITTINGS
 - 2.7 MAINS & BRANCH LINES TO BE ROLL-GROOVED BLK SCHEDULE 10
 - 2.8 2" AND LARGER TO USE GROOVED SHORT RADIUS FITTINGS
- DESIGN CRITERIA:
 - 3.1 LIGHT HAZARD AREAS INCLUDE OFFICE/ADMINISTRATIVE, RESTROOMS, AND CORRIDORS
 - 3.2 ORDINARY HAZARD GROUP I AREAS INCLUDE MECHANICAL AND ELECTRICAL ROOMS AND KITCHEN
 - 3.3 ORDINARY HAZARD GROUP II AREAS INCLUDE VEHICLE SALLY
 - 3.4 REMOTE AREA REDUCTIONS ONLY ALLOWED IN LIGHT HAZARD OCCUPANCY AND HAVE BEEN TAKEN WHERE APPLICABLE PER NFPA 13 SEC. 19.2.3.2.3
- NOTES:
 - 4.1 ALL MATERIAL TO BE NEW AND MEET U.L. STANDARDS
 - 4.2 HANGERS TO BE INSTALLED IN ACCORDANCE WITH NFPA 13 - SEE PLAN FOR HANGING REQUIREMENTS
 - 4.3 DRY SYSTEM REQUIREMENTS:
 - DRY SYSTEM PIPE SLOPE INSTALLATION
 - SPRINKLER MAINS TO BE 1/4" PER 10'-0" (NONREFRIGERATED AREAS)
 - SPRINKLER MAINS TO BE 1/2" PER 10'-0" (REFRIGERATED AREAS)
 - SPRINKLER BRANCH LINES TO BE 1/2" PER 10'-0"
 - DRY SYSTEM CAPACITY
 - PRE ACTION ZONE 1 = 16 GAL
 - PRE ACTION ZONE 2 = 18 GAL
 - SCOPE OF WORK:
 - 5.1 INSTALL A COMPLETE SINGLE ZONE WET FIRE SPRINKLER SYSTEM TO COVER ALL AREAS OF BUILDING EXCLUDING PRE ACTION ZONES
 - 5.2 INSTALL 2 PRE-ACTION ZONE SYSTEMS TO COVER MDF ROOM 119 AND SEC ELEC 327
 - 5.3 ALL AREAS OF THE BUILDING TO BE INSTALLED AND COVERED IN ACCORDANCE WITH THE LOCAL AUTHORITY HAVING JURISDICTION AND PER NFPA 13
- SYMBOLS USED ON DRAWINGS:
 - ★ x FF PIPE ELEVATION ABOVE FINISH FLOOR
 - [OH] ROOM HAZARD CLASSIFICATION (ALL ROOMS ARE CONSIDERED LIGHT HAZARD U.N.O.)
 - HYDRAULIC CALCULATION JUNCTION POINT
 - 9'-0" CEILING HEIGHT
 - FIRE RATED WALL
 - WET BLACK STEEL PIPE
 - DRY BLACK STEEL PIPE

PROJECT NAME:	MONO COUNTY JAIL
PROJECT ADDRESS:	221 TWIN LAKES ROAD
PARCEL NUMBER:	APN: 08-050-007
PROJECT TYPE:	☒ NEW ☐ T.I.
TYPE OF CONSTRUCTION:	1B
OCCUPANCY GROUP (S):	B, I-3, I-3 W/ S-2 USE
OCCUPIED LEVELS:	1
TOTAL SPRINKLERED AREA:	21,815 SQ. FT.
NFPA CODE REQUIREMENT:	☒ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
SYSTEM TYPE (S):	☒ WET ☐ ANTIFREEZE ☐ DRY ☐ PREACTION
TOTAL SPRINKLERS:	240
SPECIAL NOTES:	SEE FIRE SPRINKLER NOTES THIS SHEET

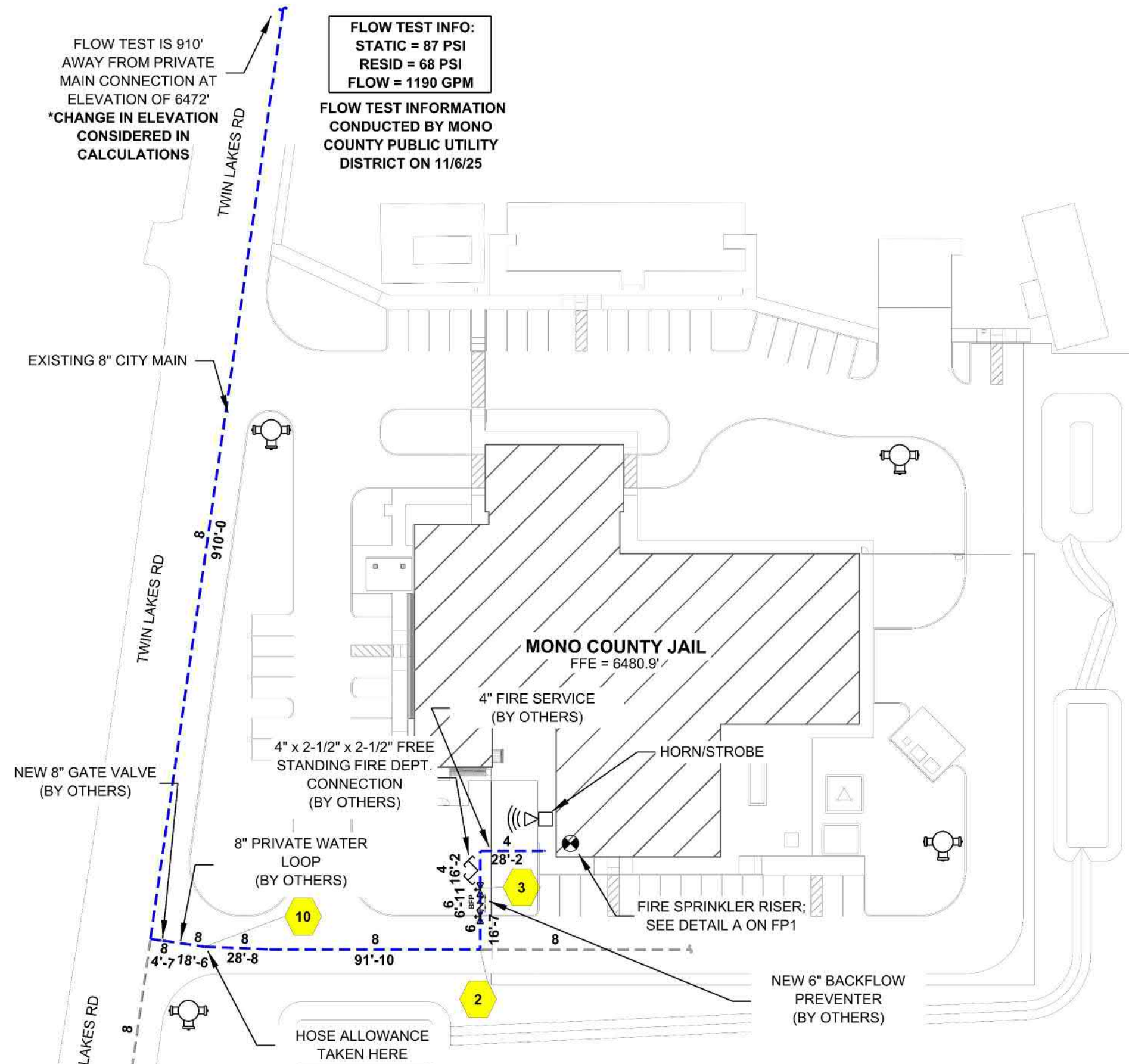
NO.	DATE	REVISION	DRAWN	CHECKED
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ARCHITECT:	CONTACT:
LOWAKIS	FIELD INSPECTIONS:
ADDRESS: 2025 19th STREET	1. -
CITY: SACRAMENTO, CA 95818	2. -
PHONE: 916-558-1900	3. -
	4. -

SPRINKLER HEAD LEGEND
SEE PLAN



PROJECT NAME:	FIRE SPRINKLER PLANS FOR MONO COUNTY JAIL
DRAWING TITLE:	FIRE SPRINKLER PLAN
SCALE:	AS NOTED
JOB NO:	25-0330
DRAWN BY:	DWG NO.
BORN ON DATE:	03/05/26
FILE:	03/05/26
SHEET 1 OF 3	FP-1



SITE PLAN
SCALE: 1" = 50'-0"

