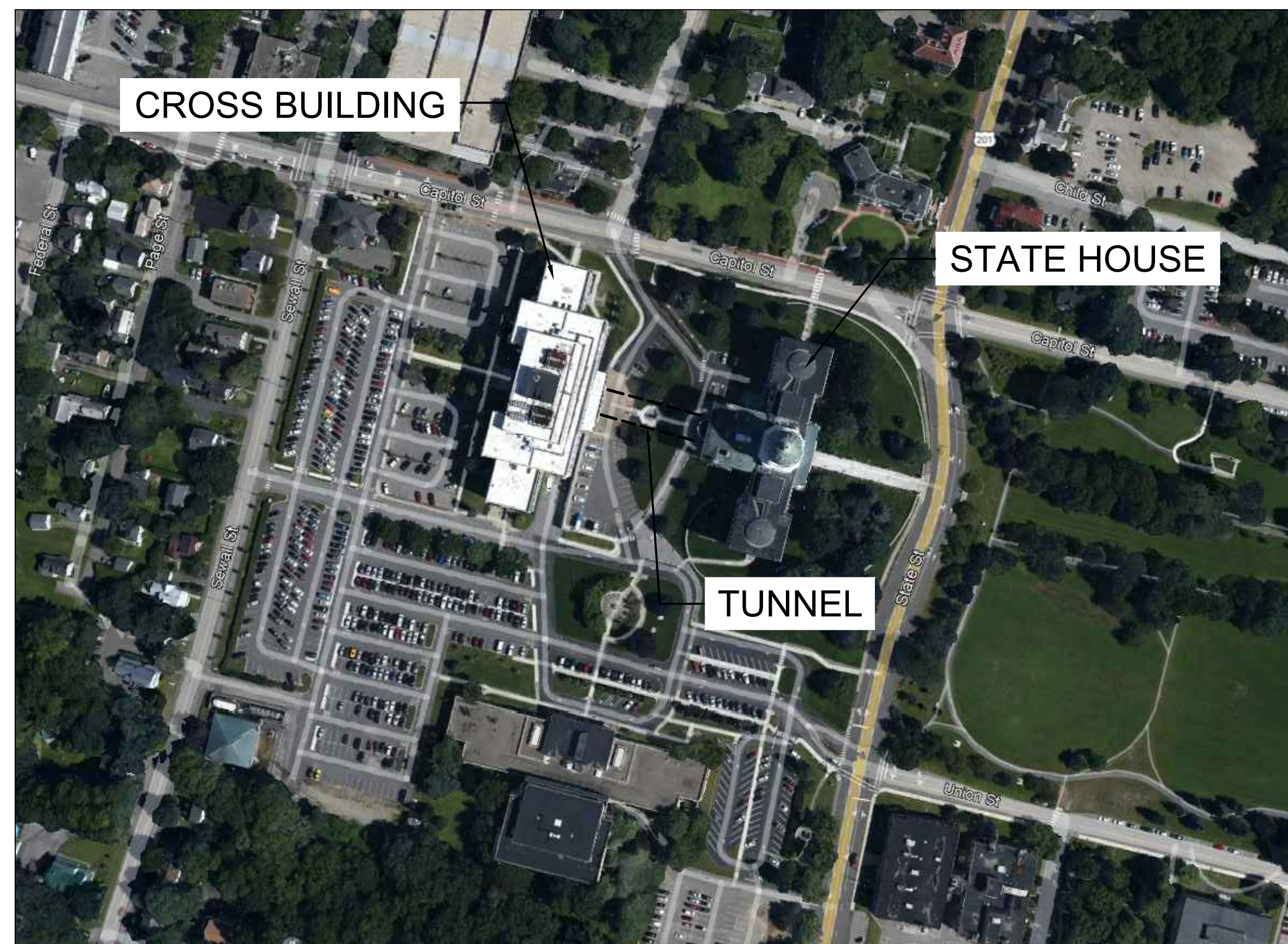


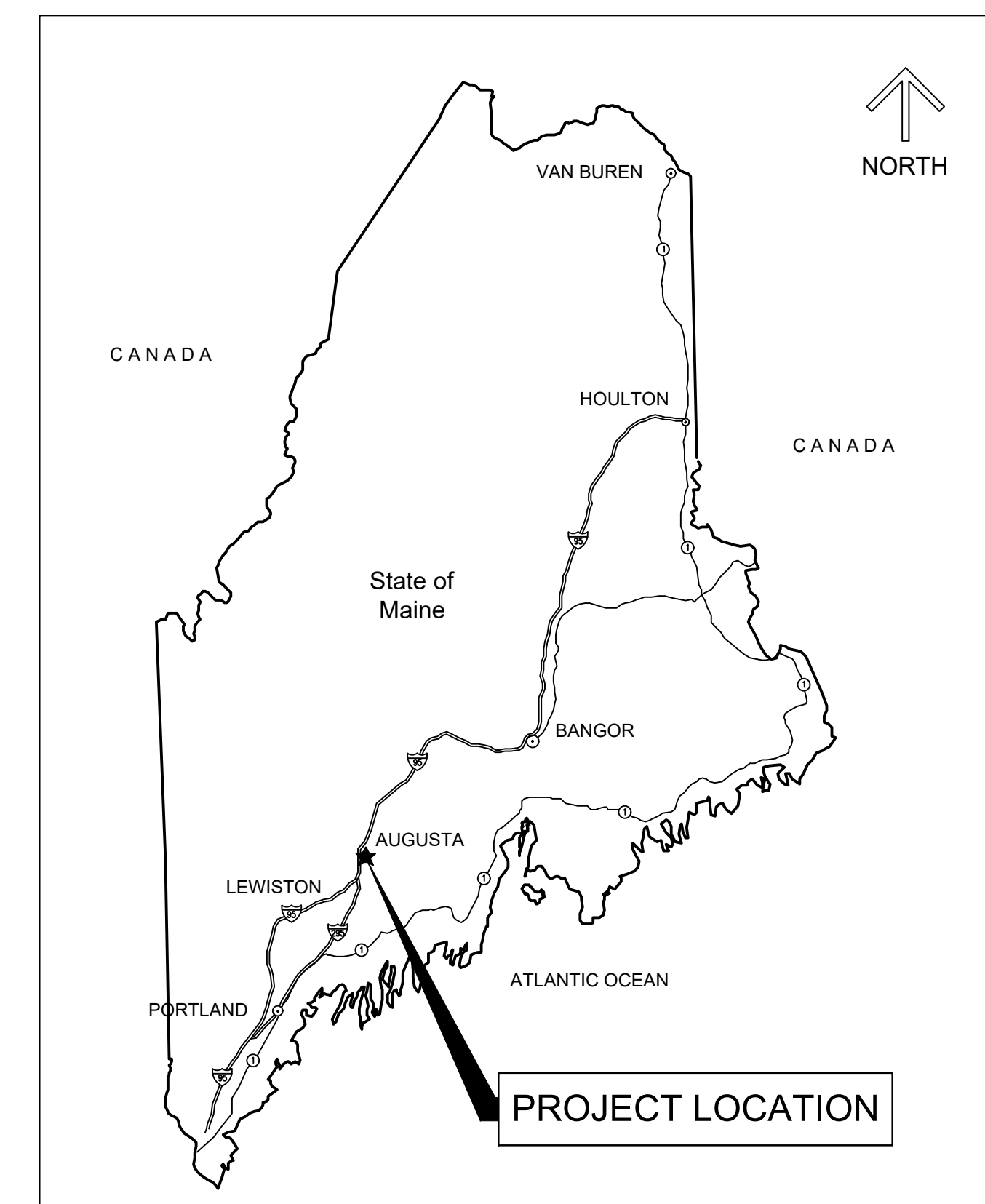
# MAINE STATE HOUSE SPRINKLER LEAK CORRECTION

## STATE OF MAINE BUREAU OF GENERAL SERVICES

### AUGUSTA, MAINE



AREA MAP



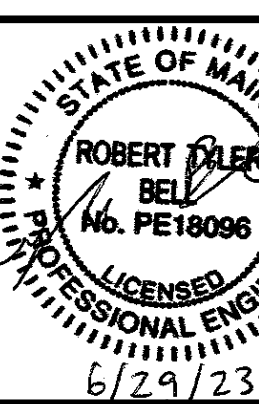
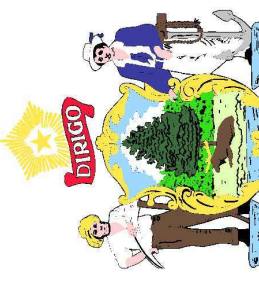
VICINITY MAP

DRAWING INDEX	
SHEET ID	SHEET TITLE
GENERAL	
G-001	COVER SHEET
STRUCTURAL	
S-101	LOWER LEVEL SUPPORT FRAMING PLAN, SECTIONS & DETAILS
ARCHITECTURAL	
AD101	REFLECTED CEILING DEMOLITION PLAN
A-101	REFLECTED CEILING PLAN
A-102	PHOTOGRAPHS
FIRE PROTECTION	
F-001	FIRE PROTECTION LEGEND, ABBREVIATIONS AND GENERAL NOTES
FD101	FIRE PROTECTION DEMOLITION PLAN
FP101	FIRE PROTECTION FLOOR PLAN



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 111 SEWALL STREET, 4TH FLOOR  
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ISSUED FOR BID  
 JUNE 29, 2023  
 PROJECT: MAINE STATE HOUSE SPRINKLER LEAK CORRECTION  
 111 SEWALL STREET, AUGUSTA, ME 04333

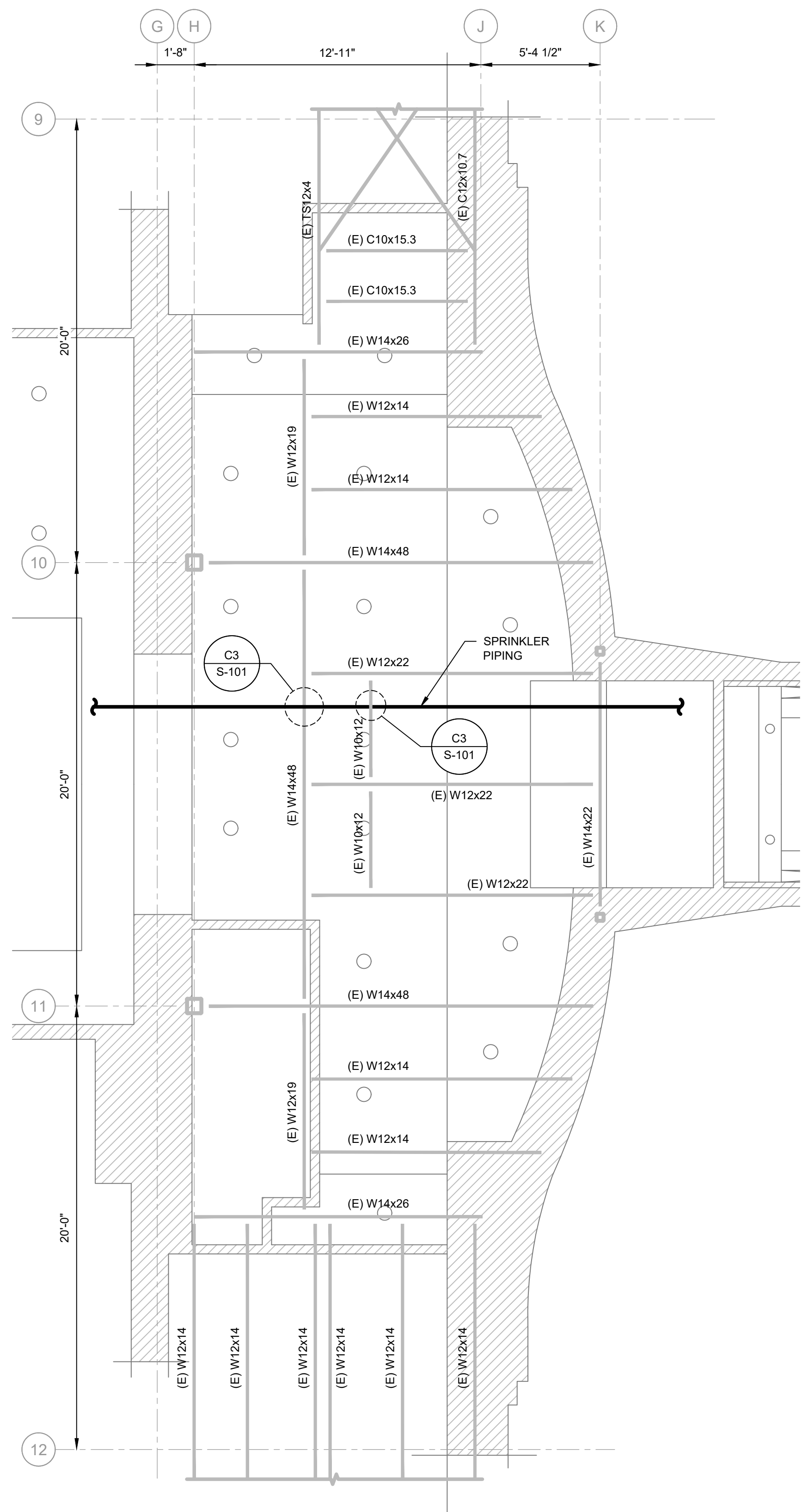
REVISION	DATE	DESCRIPTION
A	06-29-2023	ISSUED FOR BID

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 A/E OF RECORD: STR  
 DESIGNED BY: STR  
 DRAWN BY: STR

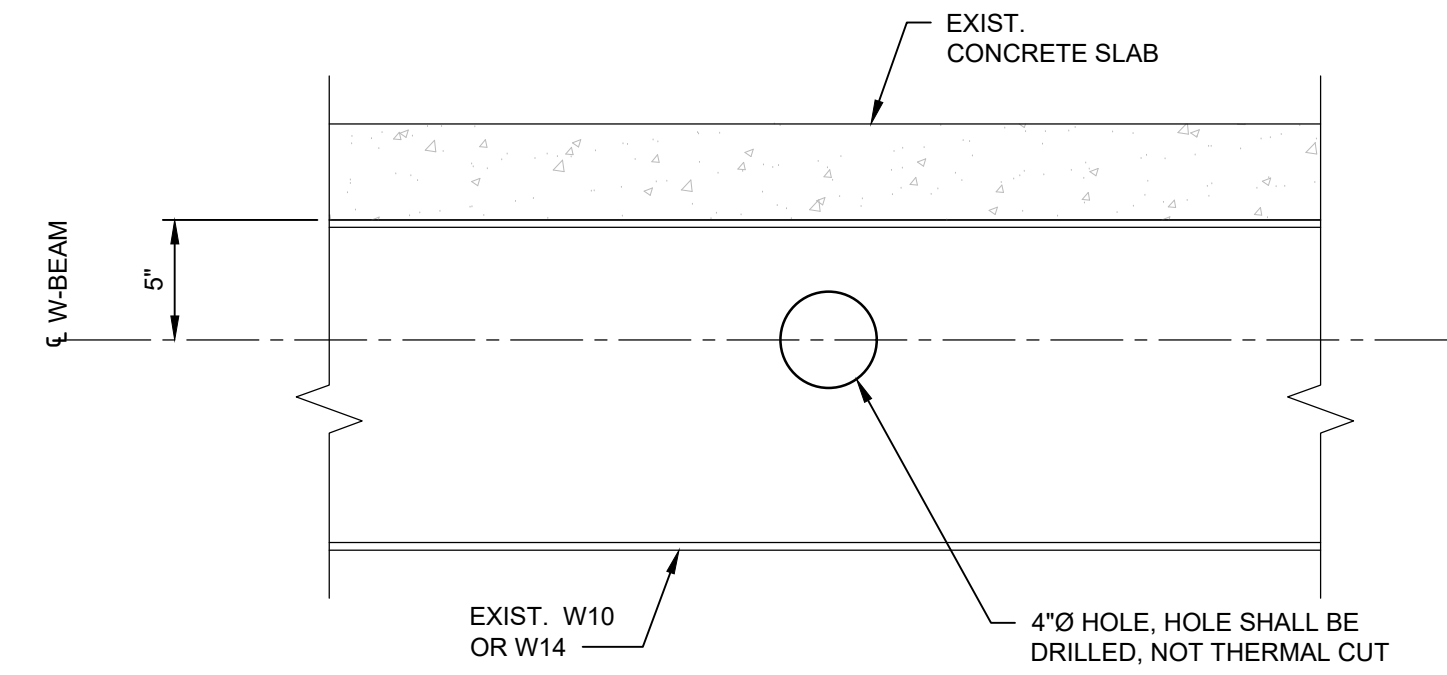
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 COVER SHEET

SHEET ID:  
 G-001

NOT FOR CONSTRUCTION



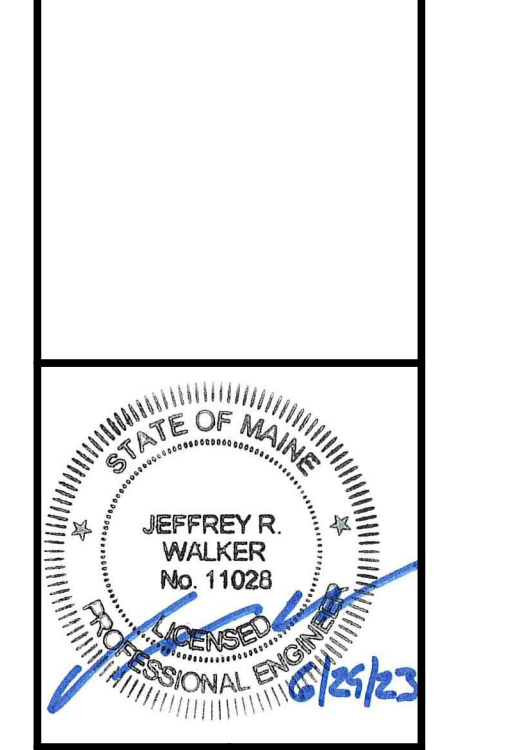
**C1** LOWER LEVEL FLOOR SUPPORT FRAMING PLAN  
 1/4" = 1'-0" REF: S-101



**C3** DETAIL  
 1 1/2" = 1'-0" REF: S-101



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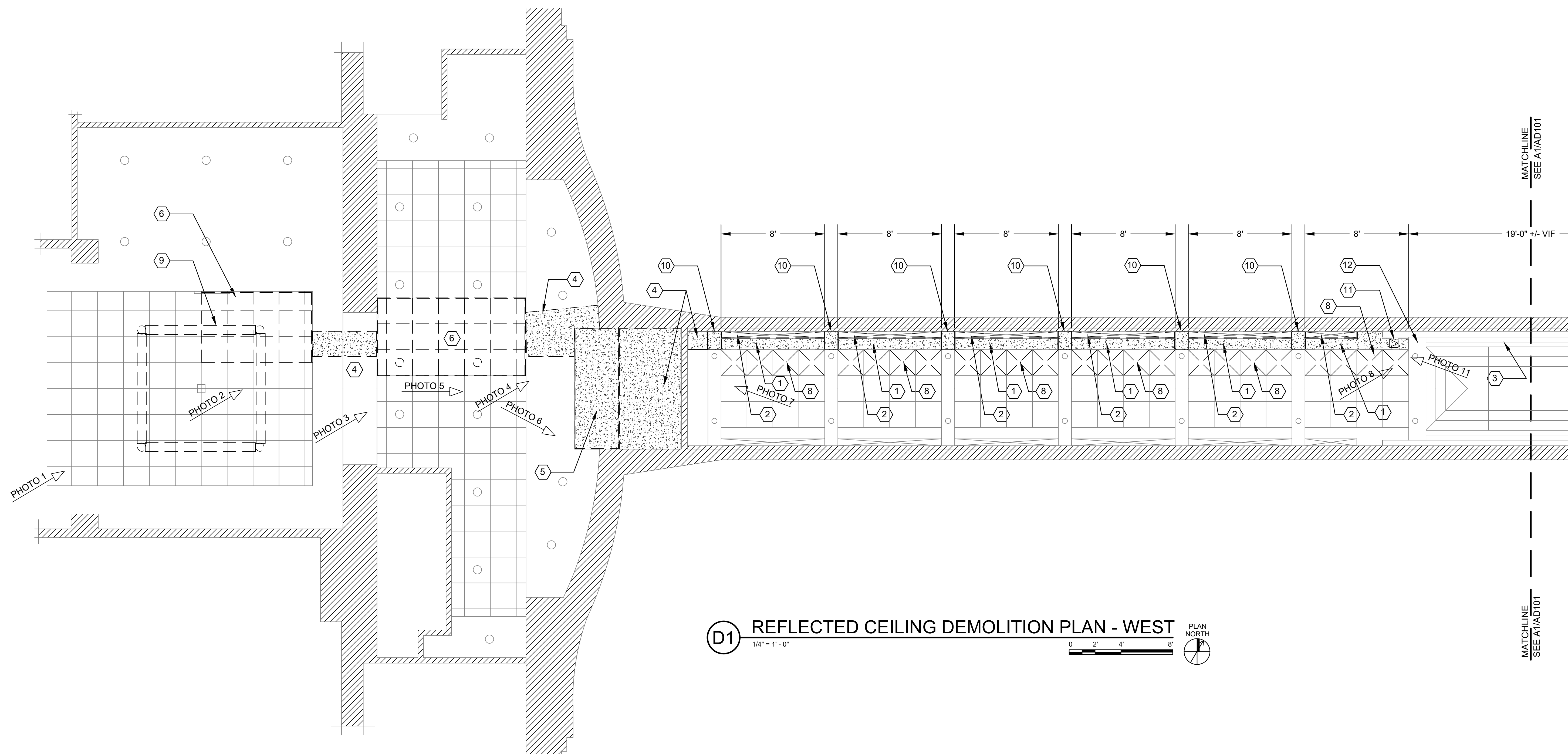
REV	ISSUED FOR BID	REVISION ISSUE DESCRIPTION	DATE
A			06-29-2023

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 DESIGNED BY: JRW  
 DRAWN BY: DGP

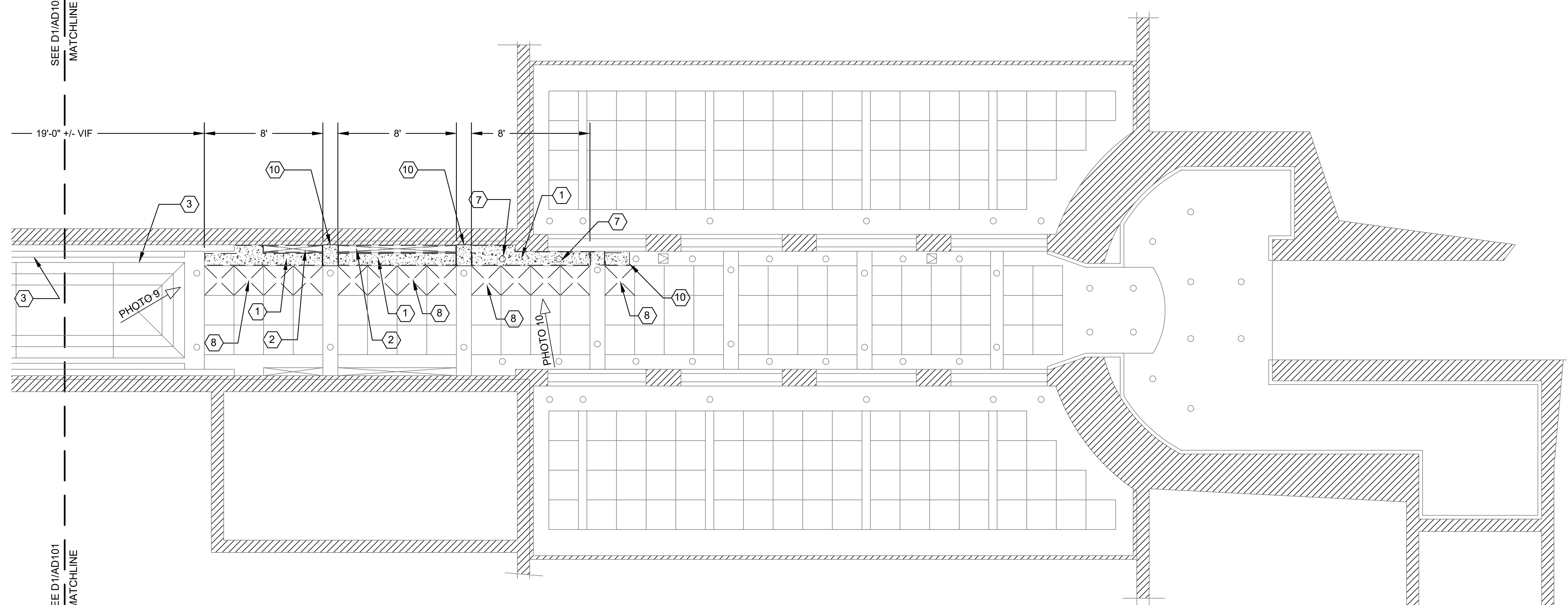
SHEET TITLE:  
 LOWER LEVEL SUPPORT FRAMING PLAN, SECTIONS & DETAILS

SHEET ID:  
**S-101**

NOT FOR CONSTRUCTION



**D1 REFLECTED CEILING DEMOLITION PLAN - WEST**  
 1/4" = 1' - 0"  
 0 2' 4' 8'  
 PLAN NORTH



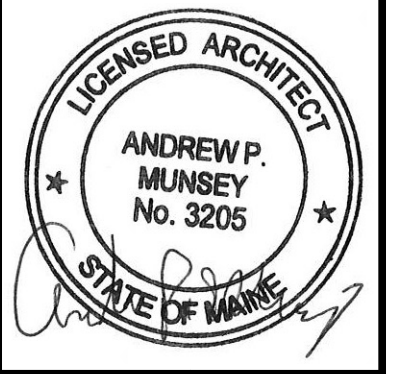
**A1 REFLECTED CEILING DEMOLITION PLAN - EAST**  
 1/4" = 1' - 0"  
 0 2' 4' 8'  
 PLAN NORTH

**NOTES**

- SEE F-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- REMOVE AND SALVAGE ANY AND ALL DEVICES NOT SHOWN WHICH ARE REQUIRED TO BE MOVED FOR COMPLETION OF THE WORK.

**KEYED NOTES**

- REMOVE PAINTED WOOD SOFFIT.
- REMOVE LINEAR LIGHT FIXTURE AND SALVAGE FOR REINSTALLATION.
- ALL FINISHES AT SKYLIGHT TO REMAIN INTACT.
- REMOVE PORTION OF GYPSUM CEILING AND FRAMING TO EXTENT AS REQUIRED FOR SPRINKLER PIPE INSTALLATION.
- REMOVE PLYWOOD DRAIN PAN.
- REMOVE ACT CEILING TILE AND GRID SYSTEM AS REQUIRED FOR SPRINKLER PIPE INSTALLATION. SALVAGE ALL TILES FOR REINSTALLATION. REMOVE AND SALVAGE ALL LIGHT FIXTURES AND OTHER DEVICES FOR REINSTALLATION.
- REMOVE RECESSED DOWNLIGHT FIXTURE AND SALVAGE FOR REINSTALLATION.
- REMOVE METAL CEILING PANEL AND SALVAGE FOR REINSTALLATION.
- REMOVE SUSPENDED LINEAR LIGHT FIXTURE AND SALVAGE FOR REINSTALLATION.
- REMOVE END OF WOOD SOFFIT AS REQUIRED FOR SPRINKLER INSTALLATION.
- REMOVE ACCESS PANEL AND SALVAGE FOR REINSTALLATION.
- REMOVE PORTION OF SKYLIGHT SOFFIT ONLY AS REQUIRED FOR PIPE INSTALLATION. MINIMIZE DAMAGE AND REQUISITE REPAIR TO THE SKYLIGHT SOFFIT TO THE GREATEST EXTENT POSSIBLE.

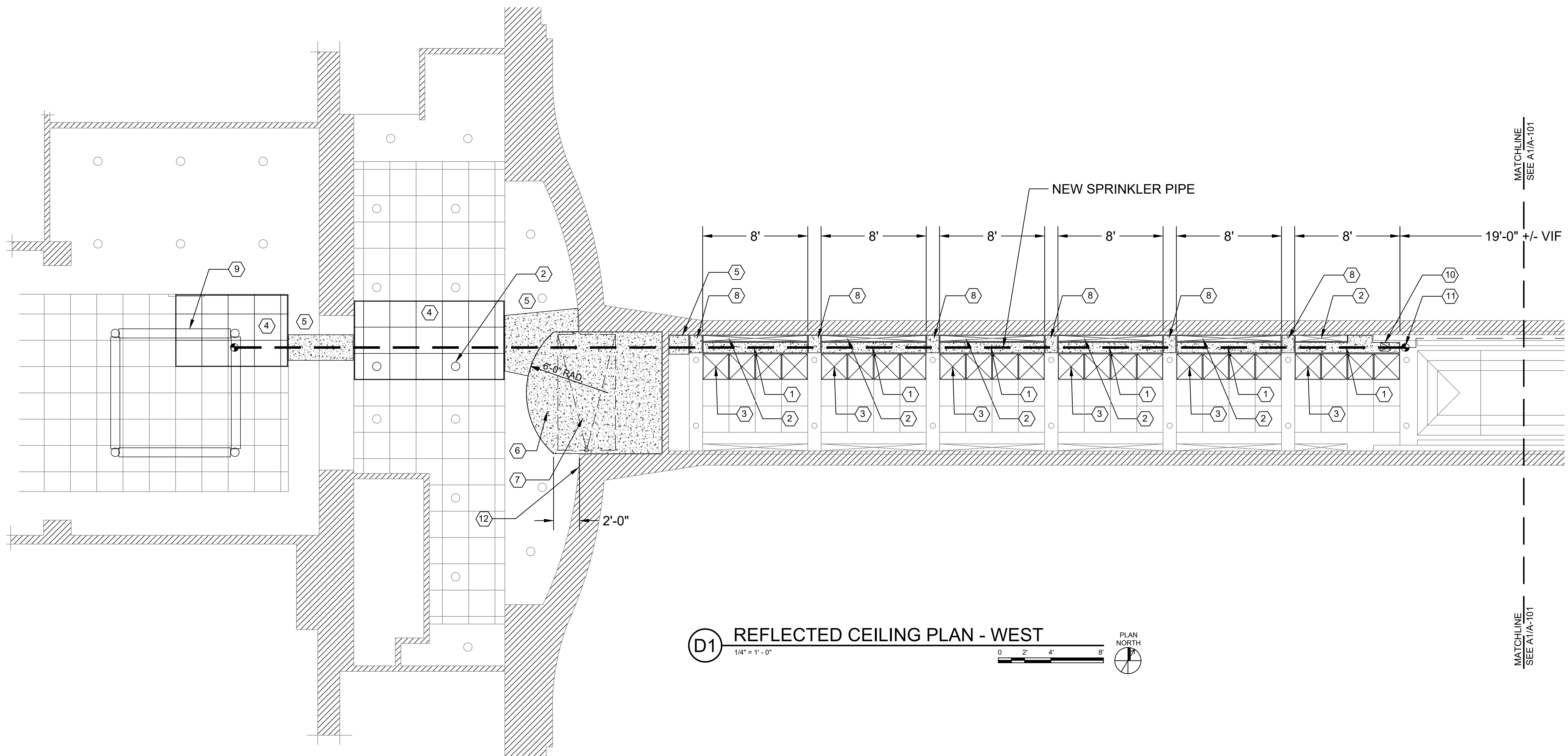


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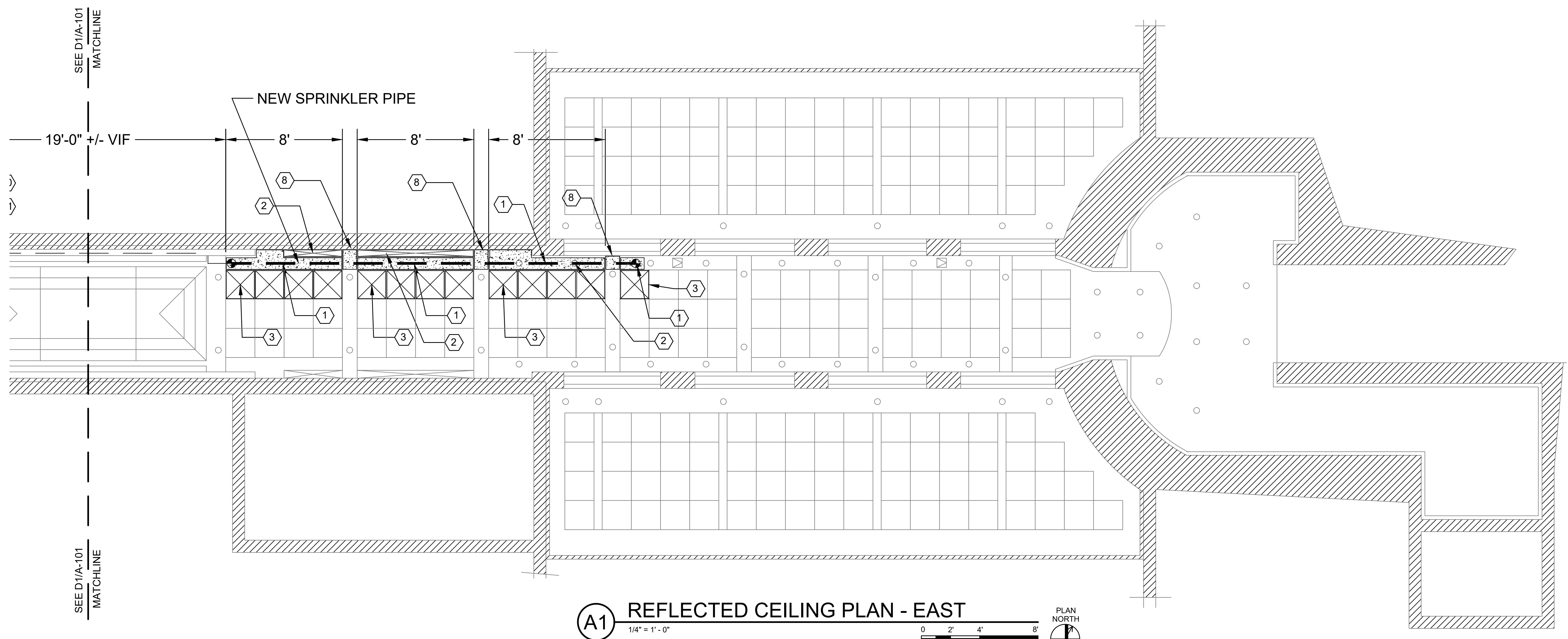
REV	DATE	ISSUED FOR BID	REVISION ISSUE DESCRIPTION
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PROJECT NO: 3528230005  
 PROJECT MANAGER: ALC  
 A/E OF RECORD: WSP  
 DESIGNED BY: APM  
 DRAWN BY: APM  
 SHEET TITLE:  
 REFLECTED CEILING DEMOLITION PLAN  
 SHEET ID:  
**AD101**

NOT FOR CONSTRUCTION



**D1 REFLECTED CEILING PLAN - WEST**  
 1/4" = 1' - 0"  
 0 2' 4' 8'  
 PLAN NORTH



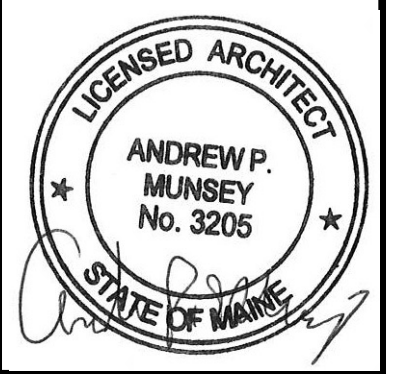
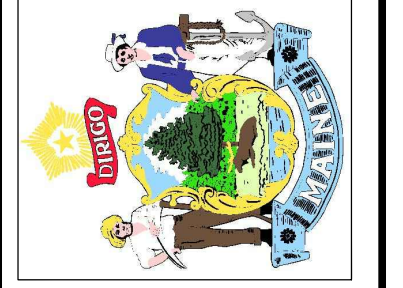
**A1 REFLECTED CEILING PLAN - EAST**  
 1/4" = 1' - 0"  
 0 2' 4' 8'  
 PLAN NORTH

- NOTES**
- SEE F-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
  - PAINT ALL GYPSUM CEILINGS AND WOOD SOFFITS IN AREA OF WORK TO MATCH EXISTING: 1 COAT PRIMER AND 2 FINISH COATS
  - REINSTALL ALL SALVAGED FIXTURES AND DEVICES NOT SHOWN WHICH REQUIRED REMOVAL FOR COMPLETION OF WORK
- KEYED NOTES**
- REBUILD WOOD SOFFIT TO MATCH EXISTING. SEE PHOTOS 8, 9 & 11 ON A-102
  - REINSTALL SALVAGED LIGHT FIXTURE, TYP.
  - REPLACE SALVAGED METAL CEILING TILE, TYP.
  - REINSTALL SALVAGED 2X2 ACT CEILING GRID AND TILE TO MATCH EXISTING
  - PATCH GYPSUM CEILING TO MATCH EXISTING
  - NEW GYPSUM SOFFIT AT 7'-2" AFF. 5/8" MR GYPSUM ON 2-1/2" METAL STUD FRAMING
  - DRAINAGE PAN ABOVE GYPSUM. CUSTOM STAINLESS STEEL DRIP PAN WITH WATERPROOF LINER SIZED TO MATCH EXISTING. SLOPED TO ONE SIDE WITH 3/4" SHUTOFF VALVE WITH HOSE FITTING THROUGH GYPSUM FOR CONNECTION TO A DRAIN HOSE.
  - PROVIDE PAINTED WOOD SOFFIT TO MATCH EXISTING. FILL JOINT AND SAND SMOOTH
  - REINSTALL SALVAGED SUSPENDED LINEAR LIGHT FIXTURE
  - REINSTALL SALVAGED ACCESS PANEL
  - REPAIR AREA OF DAMAGED SKYLIGHT SOFFIT AS REQUIRED TO MATCH EXISTING
  - REPLACE GYPSUM SOFFIT WITH NEW AT AREA OF DAMAGE. PATCH TO MATCH EXISTING



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CURRENT ISSUE STATUS:  
**ISSUED FOR BID  
 JUNE 29, 2023**

PROJECT:  
**MAINE STATE HOUSE SPRINKLER  
 LEAK CORRECTION**  
 111 SEWALL STREET, AUGUSTA, ME 04333

REV	ISSUED FOR BID	DATE
A	ISSUED FOR BID	06-29-2023
	REVISION ISSUE DESCRIPTION	

PROJECT NO: 3528230005  
 PROJECT MANAGER: ALG  
 A/E OF RECORD: WSP  
 DESIGNED BY: APM  
 DRAWN BY: APM

SHEET TITLE:  
**REFLECTED CEILING PLAN**

SHEET ID:  
**A-101**

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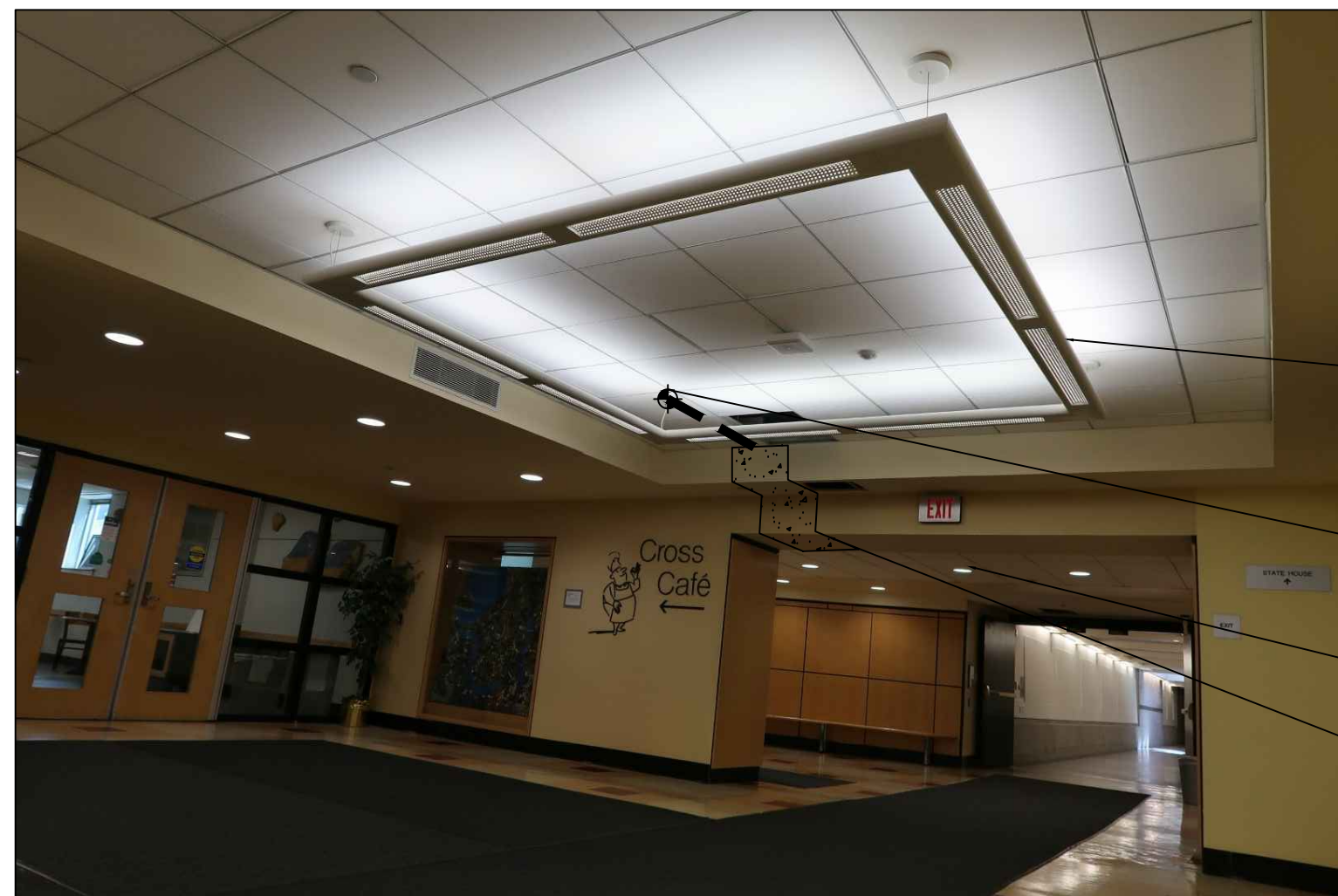


PHOTO 1

- REMOVE AND SALVAGE LIGHT FIXTURE FOR REINSTALLATION AFTER SPRINKLER PIPE WORK
- APPROXIMATE SPRINKLER LINE CONNECTION LOCATION
- NEW SPRINKLER PIPE ROUTE
- GYPSON SOFFIT TO BE REMOVED AND REPLACED

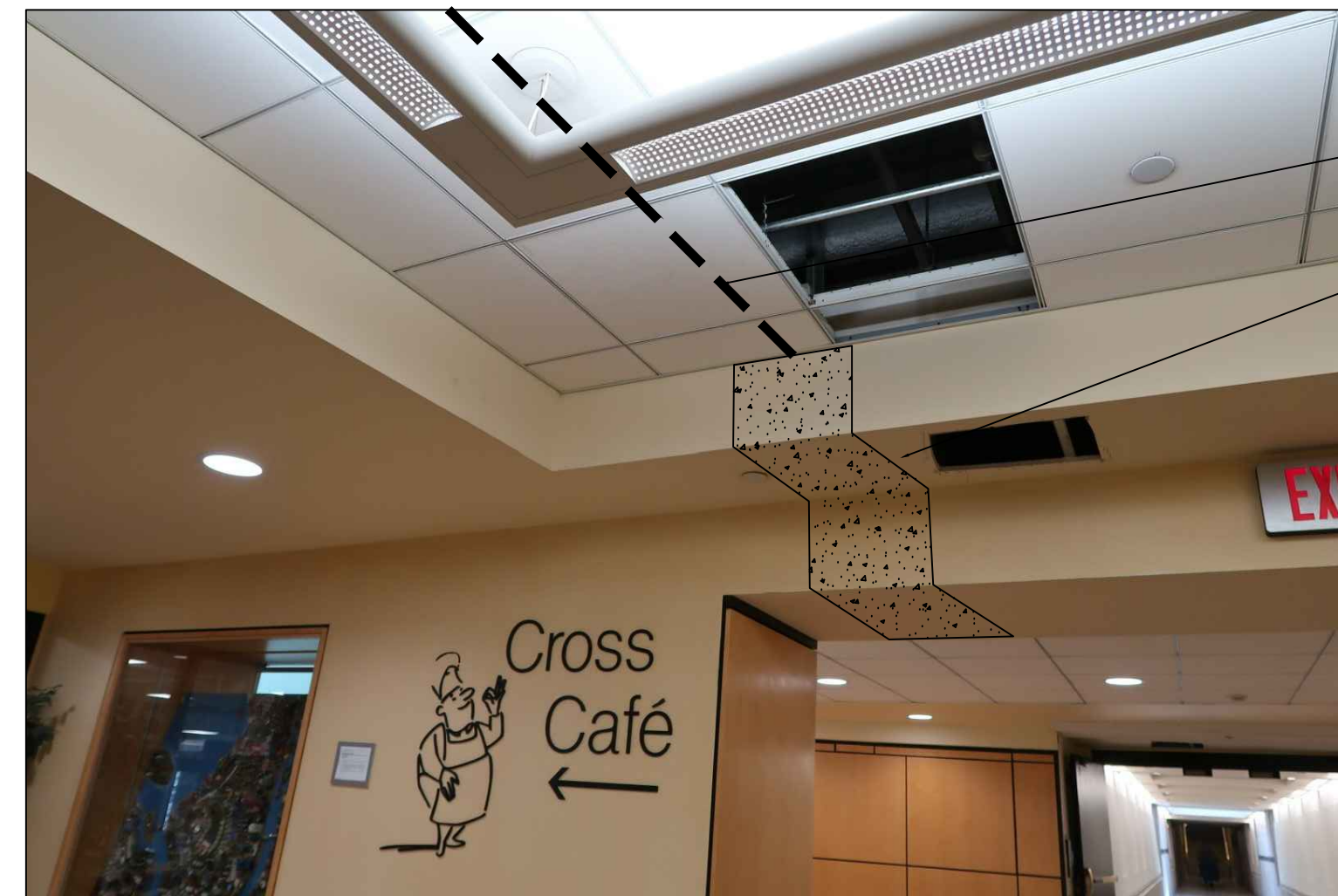


PHOTO 2

- NEW SPRINKLER PIPE ROUTE
- GYPSON SOFFIT TO BE REMOVED AND REPLACED



PHOTO 3

- NEW SPRINKLER PIPE ROUTE
- GYPSON CEILING TO BE REMOVED AND REPLACED



PHOTO 4

- EXISTING PLYWOOD DRAIN PAN TO BE REMOVED
- NEW SPRINKLER PIPE ROUTE
- GYPSON CEILING TO BE REMOVED AND REPLACED
- EXISTING DOOR FRAME TO REMAIN IN PLACE

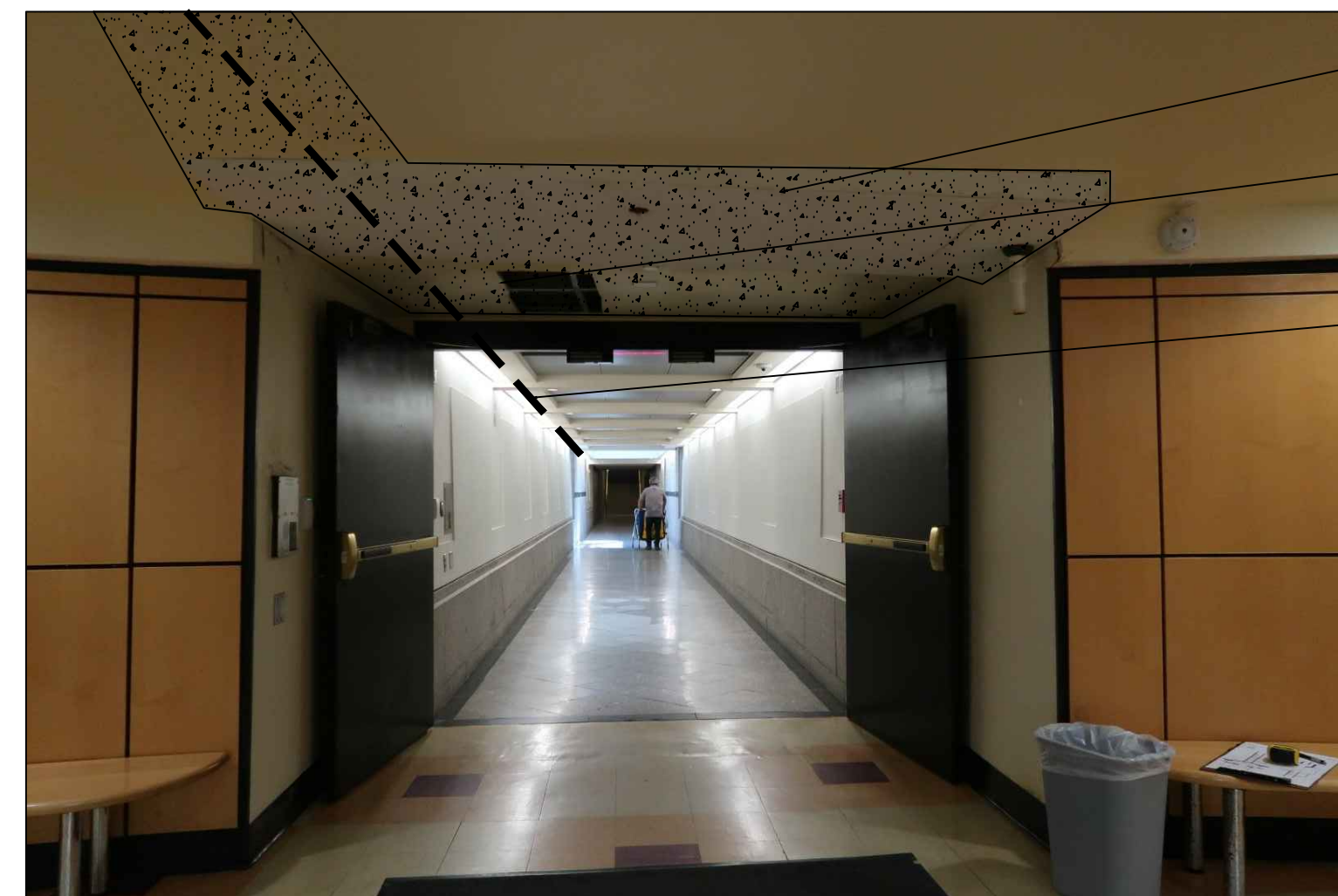


PHOTO 5

- EXISTING PLYWOOD DRAIN PAN TO BE REMOVED
- GYPSON SOFFIT TO BE REMOVED AND REPLACED
- NEW SPRINKLER PIPE ROUTE



PHOTO 6

- EXISTING PLYWOOD DRAIN PAN TO BE REMOVED
- EXISTING DRAIN TO BE REMOVED. SEE A-101 FOR NEW WORK
- REPLACE GYPSON SOFFIT WITH NEW AT AREA OF DAMAGE. PATCH TO MATCH EXISTING



PHOTO 7

- NEW SPRINKLER PIPE ROUTE
- LIGHT FIXTURE TO BE REMOVED FOR PIPE INSTALLATION AND REINSTALLED
- REMOVE WOOD SOFFIT FOR PIPE INSTALLATION, REPLACE WITH WOOD TO MATCH, PATCH JOINT AND SAND SMOOTH
- GYPSON CEILING TO BE REMOVED AND REPLACED
- EXISTING DOOR FRAME TO REMAIN IN PLACE



PHOTO 8

- REMOVE WOOD SOFFIT AND REPLACE WITH NEW TO MATCH EXISTING AFTER PIPE INSTALLATION
- CONNECT TO EXISTING SPRINKLER LINE
- REMOVE AND SALVAGE ACCESS PANEL FOR REINSTALLATION

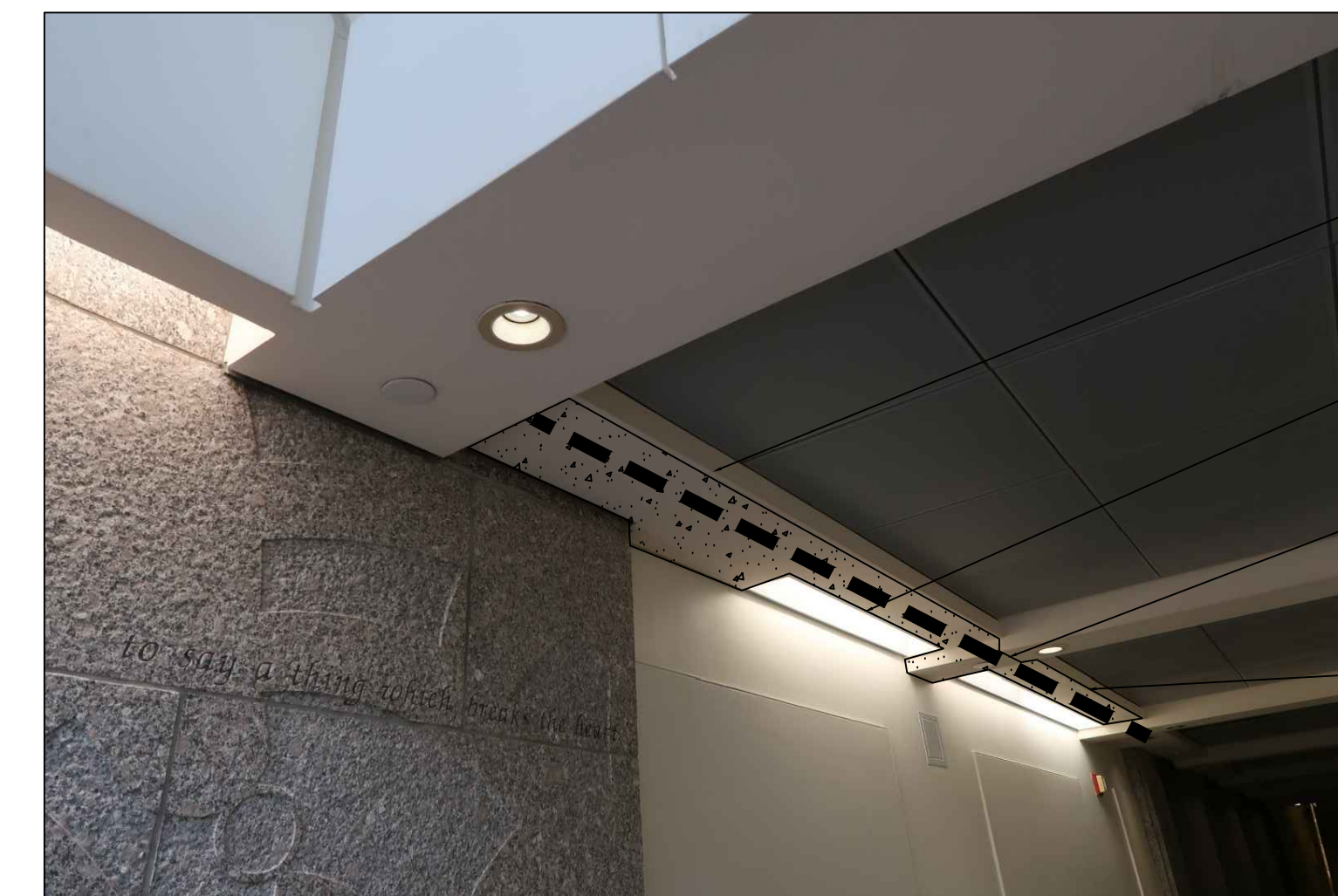


PHOTO 9

- REMOVE WOOD SOFFIT AND REPLACE WITH NEW TO MATCH EXISTING AFTER PIPE INSTALLATION
- LIGHT FIXTURES TO BE REMOVED FOR PIPE INSTALLATION AND REINSTALLED
- CUT WOOD SOFFIT FOR PIPE INSTALLATION, REPLACE WITH WOOD TO MATCH, PATCH JOINT AND SAND SMOOTH
- NEW SPRINKLER PIPE ROUTE

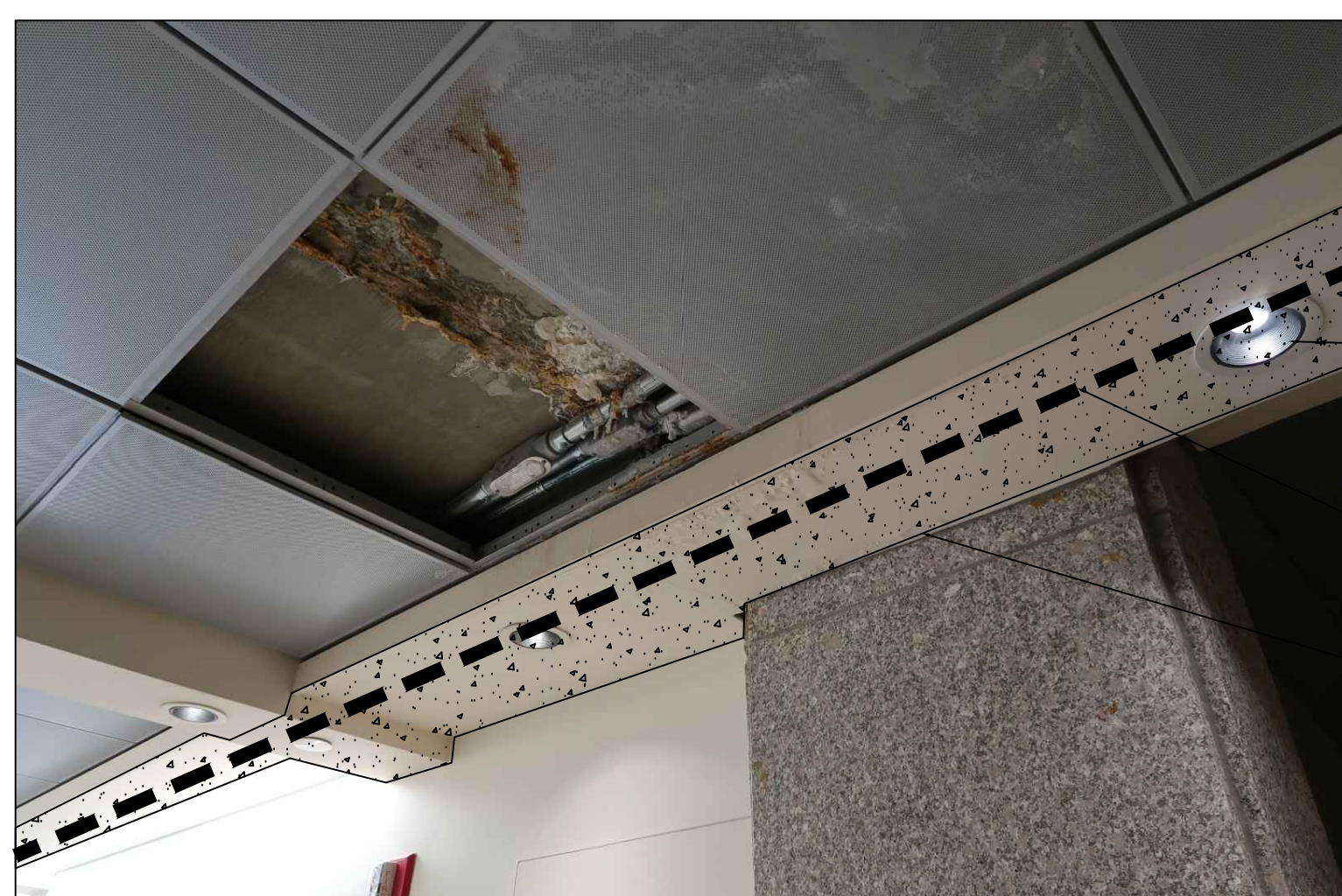


PHOTO 10

- REMOVE AND SALVAGE LIGHT FIXTURES FOR REINSTALLATION AFTER SPRINKLER PIPE WORK
- NEW SPRINKLER PIPE ROUTE
- REMOVE WOOD SOFFIT AND REPLACE WITH NEW TO MATCH EXISTING AFTER PIPE INSTALLATION

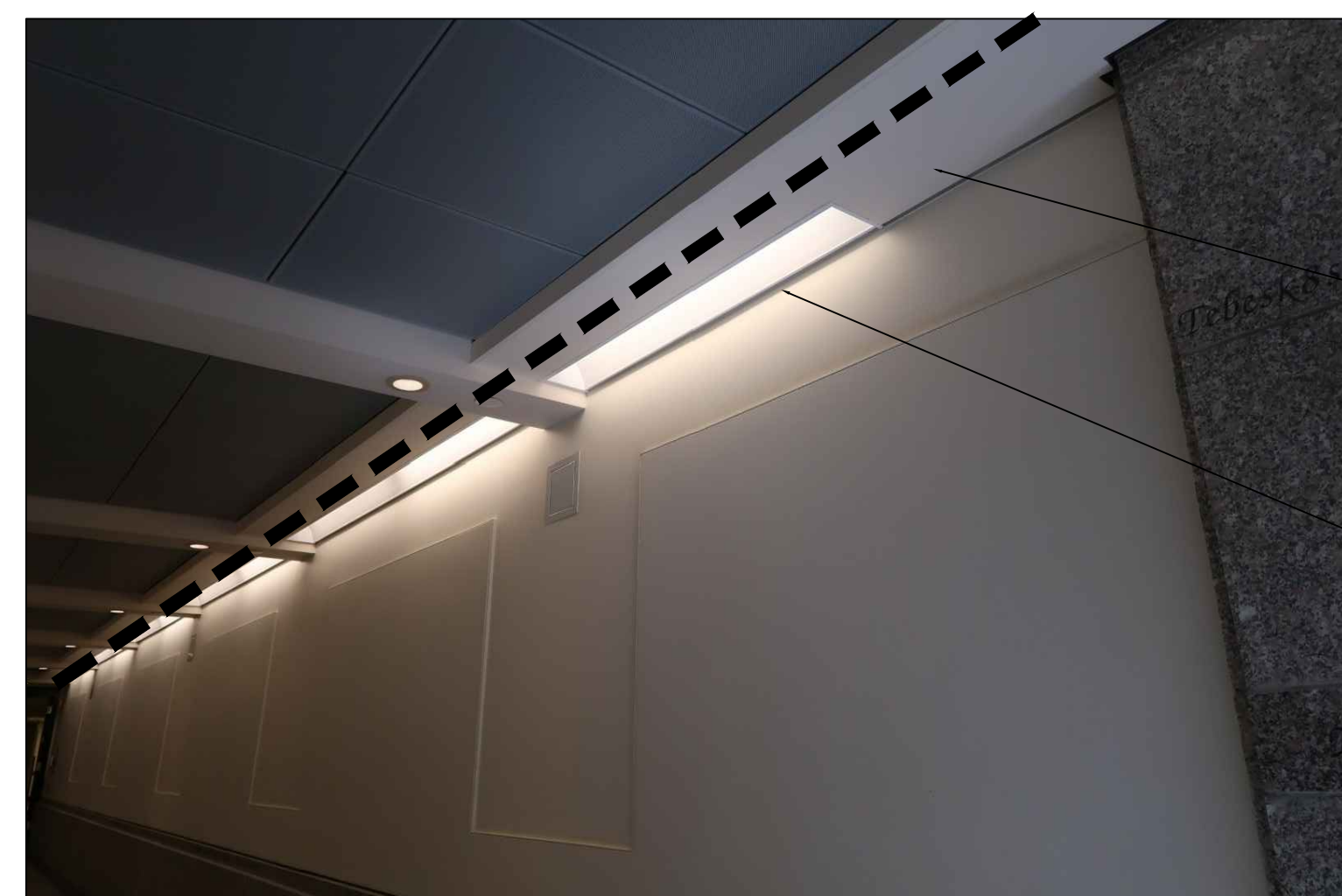
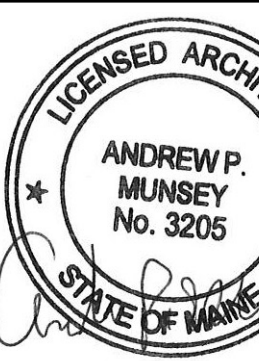


PHOTO 11

- REMOVE WOOD SOFFIT AND REPLACE WITH NEW TO MATCH EXISTING AFTER PIPE INSTALLATION
- REMOVE AND SALVAGE LIGHT FIXTURES FOR REINSTALLATION AFTER SPRINKLER PIPE WORK



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PROJECT NO: 3528230005  
PROJECT MANAGER: ALC  
A/E OF RECORD: WSP  
DESIGNED BY: APM  
DRAWN BY: APM

SHEET TITLE:  
PHOTOGRAPHS

SHEET ID:  
A-102

### ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	FM	FACTORY MUTUAL GLOBAL
AFG	ABOVE FINISHED GRADE	FMCP	FIRE ALARM MASS NOTIFICATION CONTROL PANEL
AHJ	AUTHORITY HAVING JURISDICTION	FS	SPRINKLER SYSTEM FLOW SWITCH
BFG	BELOW FINISHED GRADE	FWE	FURNISHED WITH EQUIPMENT
BLDG	BUILDING	GAUD	GREATER AUGUSTA UTILITY DISTRICT
CLG	CEILING	GPM	GALLONS PER MINUTE
CTE	CONNECT TO EXISTING	HYDT	HYDRANT
(D)	DEMOLISHED (TO BE REMOVED)	MWC	MAINE WATER COMPANY
DN	DOWN	NC	NORMALLY CLOSED
DPW	DEPARTMENT OF PUBLIC WORKS	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
(E)	EXISTING TO REMAIN	NIC	NOT IN CONTRACT
EL	ELEVATION	NO	NORMALLY OPEN
EQP	EQUIPMENT	NTS	NOT TO SCALE
EXIST	EXISTING	OS&Y	OUTSIDE SCREW AND YOKE VALVE
FAA	FIRE ALARM ANNUNCIATOR	PSI	POUNDS PER SQUARE INCH
FACP	FIRE ALARM CONTROL PANEL	PVC	POLYVINYL CHLORIDE
FAMNS	FIRE ALARM MASS NOTIFICATION SYSTEM	QR	QUICK RESPONSE
FBO	FURNISHED BY OTHERS	SQ.FT.	SQUARE FEET
FDC	FIRE DEPARTMENT CONNECTION	TS	VALVE WITH TAMPER SWITCH
FLR	FLOOR	TYP	TYPICAL
FF	FINISHED FLOOR	UL	UNDERWRITERS LABORATORIES

### GENERAL SYMBOLS

	DETAIL NUMBER DRAWING NUMBER (WHERE DETAIL IS DRAWN)		KEYED NOTE
	EQUIPMENT ABBREVIATION (REFER TO ABBREVIATIONS LIST)		DEMOLITION KEYED NOTE
	EQUIPMENT SEQUENCE NUMBER (REFER TO SCHEDULES)		REVISION NOTE
	NOTES		GPM (GALLONS PER MINUTE)
	NON SPRINKLERED SPACE		LIMIT OF DEMOLITION
			CONNECT TO EXISTING

### LINETYPES

	(D) PIPING AND/OR SPRINKLERS TO BE REMOVED
	(E) EXISTING PIPING AND/OR SPRINKLERS TO REMAIN
	PIPING AND/OR SPRINKLERS TO BE PROVIDED

### PIPING SYMBOLS

SYMBOL	ABBREVIATION	DESCRIPTION
	UP/DN	PIERCES FLOOR
		RISE/DROP WITHIN STORY HEIGHT
		PIPE RISE
		PIPE TEE FROM BOTTOM
		PIPE TEE FROM TOP
		PIPE ELBOW OFFSET
		PIPE END CAP
		PIPE BREAK
		DIRECTION OF FLOW
		PIPE SLOPE DIRECTION
		DRY PIPE SPRINKLER RISER - AUTO ACTUATED
		WET PIPE SPRINKLER RISER - AUTO ACTUATED
		METER
		CHECK VALVE
		ALARM CHECK VALVE
		BUTTERFLY VALVE
		WALL POST INDICATOR VALVE
		POST INDICATOR VALVE
	O.S. & Y.	OUTSIDE SCREW AND YOKE VALVE
	N.C. O.S. & Y.	OUTSIDE SCREW AND YOKE (NORMALLY CLOSED)
	TS	OS&Y VALVE WITH TAMPER SWITCH
		DOUBLE CHECK BACKFLOW PREVENTION ASSEMBLY
		RPZ BACKFLOW PREVENTION ASSEMBLY
		RPZ DETECTOR ASSEMBLY
		STORZ FIRE DEPARTMENT CONNECTION
		SIAMESE FIRE DEPARTMENT CONNECTION
		BACKFLOW PREVENTER FLOW TEST CONNECTION (SYMBOLIC ONLY, REFER TO SHEET FPXXX FOR REQUIRED NUMBER OF HOSE CONNECTIONS)
		PENDENT SPRINKLER
		CONCEALED PENDENT SPRINKLER
		DRY PENDENT SPRINKLER
		UPRIGHT SPRINKLER
		SPRINKLER WITH GUARD
		SIDEWALL SPRINKLER
		EXTENDED COVERAGE SPRINKLER
		STANDARD DRY SIDEWALL SPRINKLER
		LOW POINT DRAIN

### GENERAL NOTES

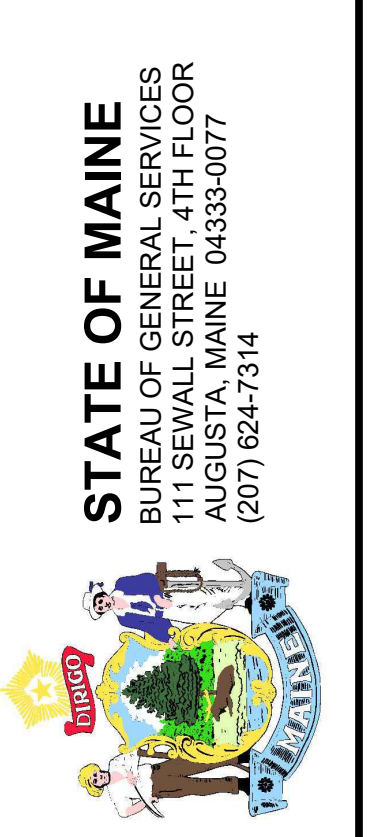
- ALL GENERAL NOTES, SYMBOL LIST AND DETAILS SHALL BE CONSIDERED AS APPLICABLE TO ALL FIRE PROTECTION DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DOES NOT INDICATE THEIR INCORPORATION IN THE DESIGN.
- INSTALLATION OF SPRINKLER SYSTEMS SHALL COMPLY WITH PROJECT SPECIFICATIONS, NFPA 13 (2016 ED) AS ADOPTED BY THE MAINE STATE RULES OF THE STATE FIRE MARSHAL CHAPTER 4 AND ALL APPLICABLE CODES AND STANDARDS.
- WATER SUPPLY: REFER TO SPECIFICATION SECTION 21 13 13.
- INSTALLING CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND LICENSES.
- SHOP DRAWINGS SUBJECT TO REVIEW, AND APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO CONTRACTOR'S SUBMISSION TO THE STATE FIRE MARSHAL.
- SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL PIPING LAYOUT AND CALCULATIONS FOR THE FIRE SPRINKLER SYSTEMS.
- CUTTING OF STRUCTURAL AND/OR ARCHITECTURAL MEMBERS NOT OTHERWISE SHOWN ON THE DRAWINGS, SHALL BE DONE ONLY WITH THE WRITTEN APPROVAL OF THE ARCHITECT OR STRUCTURAL ENGINEER.
- REFER TO STRUCTURAL DRAWINGS FOR REQUIRED PENETRATIONS OF SPECIFIC STRUCTURAL MEMBERS.
- FINAL INSTALLATION SUBJECT TO APPROVAL BY THE OWNER'S REPRESENTATIVE AND STATE FIRE MARSHAL.
- PROVIDE SPARE SPRINKLERS IN ACCORDANCE WITH NFPA 13.
- METHOD OF HANGING AND SUPPORTING EQUIPMENT, PIPES, HEADERS, AND BRANCH LINES SHALL BE IN ACCORDANCE WITH NFPA 13. HANGERS SHALL BE OF A TYPE APPROVED FOR USE WITH THE PIPE INVOLVED.
- SPRINKLER PIPING DOES NOT REQUIRE BRACING FOR SEISMIC PROTECTION.
- AUTOMATIC SPRINKLER REMOVED FOR DEMOLITION WORK SHALL BE REPLACED WITH NEW SPRINKLERS IN-KIND.
- AUTOMATIC SPRINKLER TEMPERATURE RATINGS OF FUSIBLE ELEMENTS SHALL BE IN ACCORDANCE WITH NFPA 13.
- ALL VALVES AND EQUIPMENT FOR FIRE SERVICE SHALL BE NEW AND LISTED BY THE UNDERWRITERS LABORATORIES, INC. AND/OR FACTORY MUTUAL.
- FIRE PROTECTION SYSTEM PRODUCTS AND INSTALLATION SHALL COMPLY WITH TECHNICAL SPECIFICATION 211313.
- PROVIDE A PERMANENTLY ATTACHED HYDRAULIC NAME PLATE STATING THE REQUIRED DESIGN CRITERIA FOR EACH HYDRAULICALLY DESIGNED SYSTEM IN ACCORDANCE WITH NFPA 13.
- ONLY NEW MATERIALS SHALL BE USED IN THE INSTALLATION OF THESE SYSTEMS.
- ALL FIRE SPRINKLERS MOUNTED IN CEILING SHALL BE LOCATED A MINIMUM OF 4 INCHES AWAY FROM WALLS, CEILING HEIGHT CHANGES, OR OTHER VERTICAL INTERSECTING SURFACES.
- ALL BRACING SHALL BE ATTACHED TO THE BUILDINGS STRUCTURAL FRAME IN ACCORDANCE WITH NFPA 13.
- INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- THE DRAWINGS DEPICT THE PROPOSED SPRINKLER SYSTEM MODIFICATIONS RELATIVE TO ANTICIPATED DEMOLITION. RECOMMENDED PIPE PENETRATION LOCATIONS, AND SIZES FOR NEW PIPES, DEPENDING ON SITE CONDITIONS AT SPECIFIC LOCATIONS, CONTRACTOR MAY ELECT AN ALTERNATE DEMOLITION APPROACH, PIPING SIZE AND PIPING ROUTE AND SUBMIT WITH SHOP DRAWINGS AND HYDRAULIC CALCULATIONS FOR APPROVAL.

### GENERAL DEMOLITION NOTES

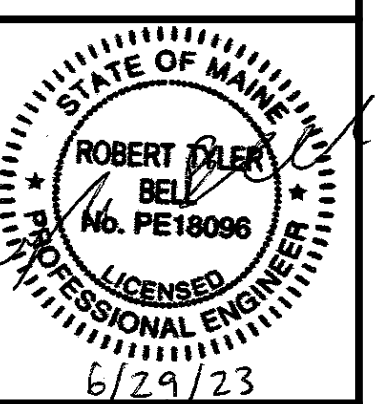
- DEMOLITION SHALL BE COORDINATED BY THE CONTRACTOR TO MAINTAIN THE INTEGRITY OF THE BUILDING.
- COORDINATE DEMOLITION OF FIRE SPRINKLER SYSTEMS WITH THAT OF OTHER TRADES.
- CONTRACTOR SHALL REPLACE ANY ITEM OR EQUIPMENT DAMAGED DURING CONTRACTOR'S DEMOLITION.
- REMOVE ASSOCIATED PIPING, CONTROLS, HANGERS, AND SUPPORTS WITH ITEMS OR EQUIPMENT BEING DEMOLISHED UNLESS NOTED OTHERWISE.
- PROVIDE TEMPORARY VALVES AND/OR CAPS AS NEEDED FOR FUTURE WORK.
- ANY ITEMS OR EQUIPMENT THAT ARE REMOVED TO FACILITATE THE DEMOLITION OR INSTALLATION OF NEW EQUIPMENT SHALL BE REINSTALLED BACK TO ITS PRE-DEMOLITION CONDITION.
- PATCH OPENINGS IN ROOFS, CEILINGS, CEILING TILES, AND WALLS MADE DURING DEMOLITION AND CONSTRUCTION AND MATCH EXISTING.



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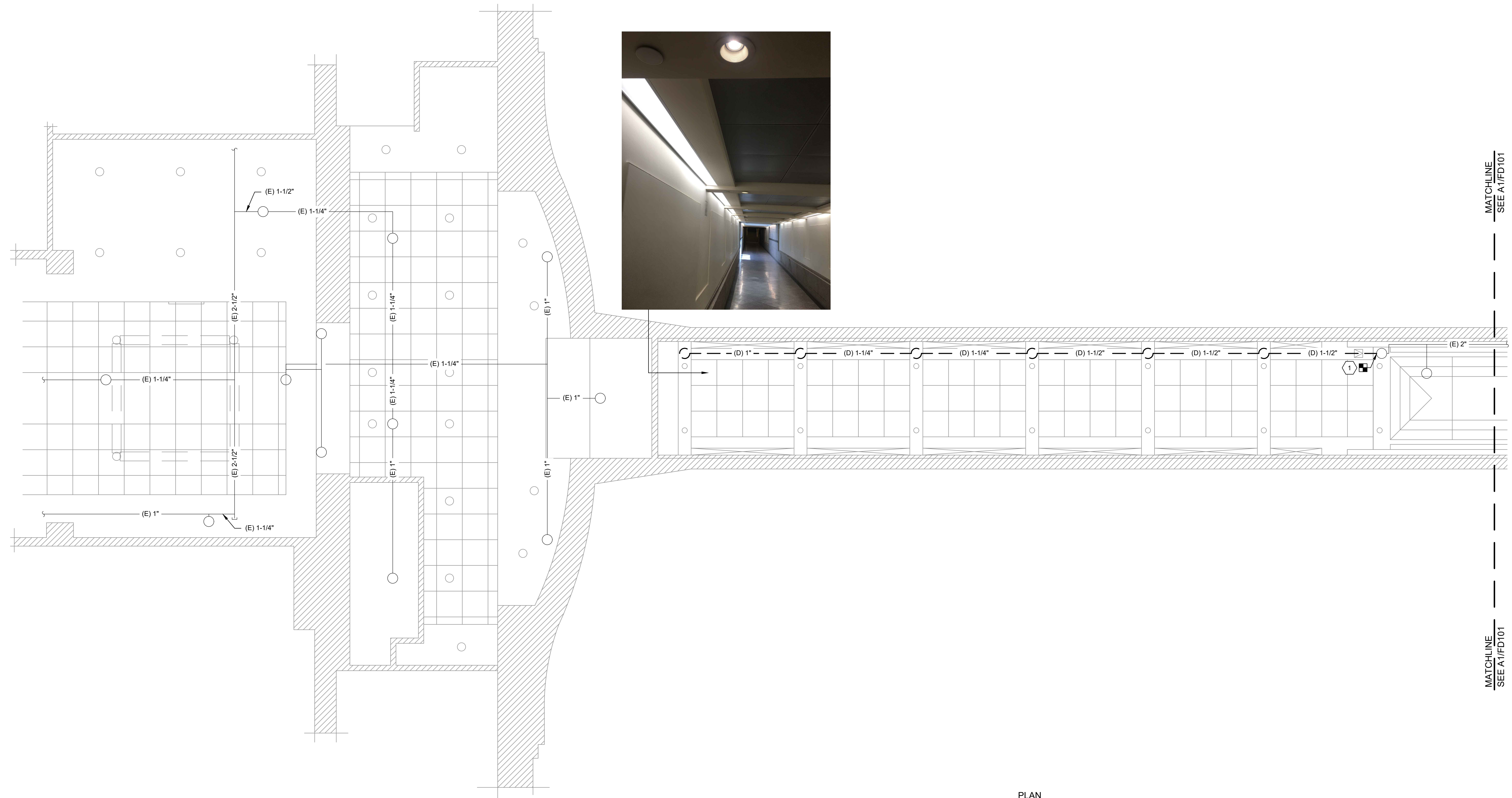


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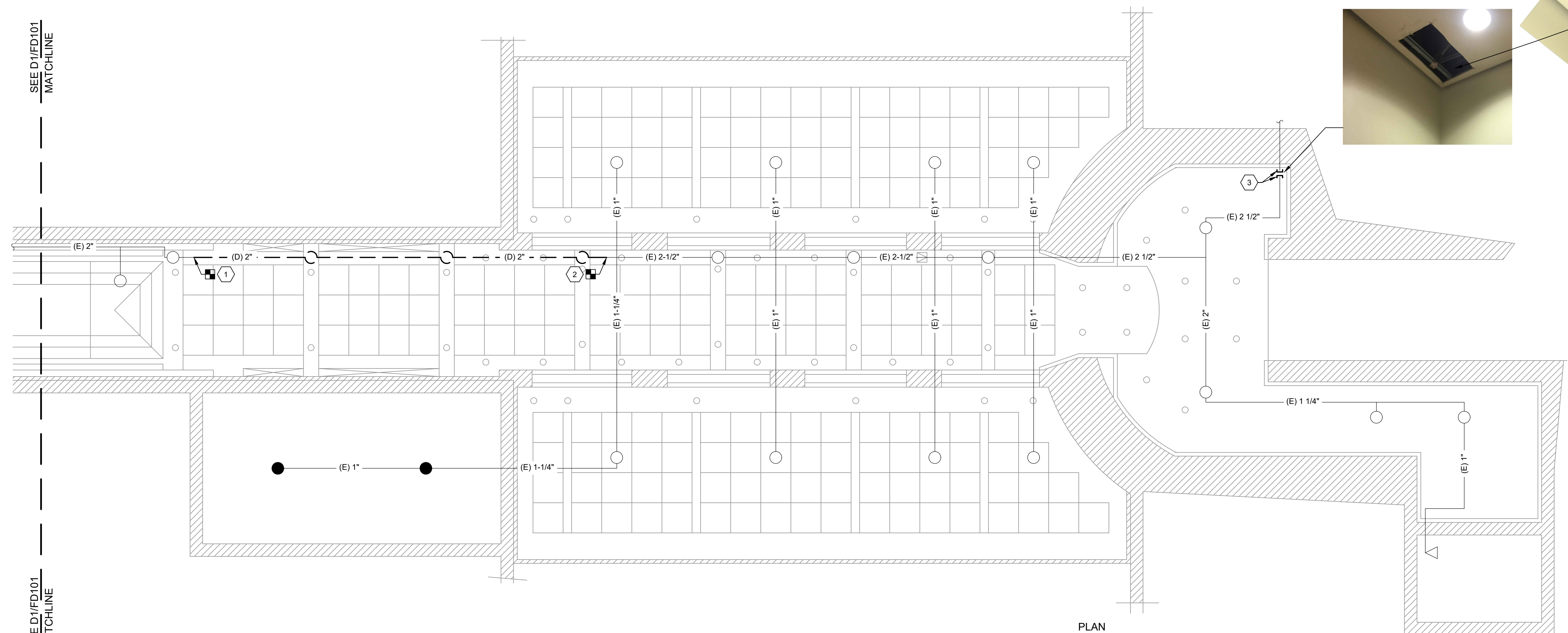
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A	ISSUED FOR BID	06-29-2023
	REVISION/ISSUE DESCRIPTION	

PROJECT NO: 3528290003  
PROJECT MANAGER: ALG  
A/E OF RECORD: RTB  
DESIGNED BY: RDJ  
DRAWN BY: STR  
SHEET TITLE:  
FIRE PROTECTION  
LEGEND,  
ABBREVIATIONS AND  
GENERAL NOTES  
SHEET ID:  
F-001

NOT FOR CONSTRUCTION



**D1** FIRE PROTECTION DEMOLITION PLAN - WEST  
 1/4" = 1'-0" 0 2' 4' 8'



**A1** FIRE PROTECTION DEMOLITION PLAN - EAST  
 1/4" = 1'-0" 0 2' 4' 8'

**NOTES**

- SEE F-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- PRIOR TO PERFORMING ANY PIPE DEMOLITION, CUTTING AND INVASIVE DEMOLITION WORK, VERIFY NEW PIPE ROUTE, AVAILABLE CLEARANCES, NEW PIPE SIZES AND HYDRAULIC CALCULATIONS.
- EXISTING SPRINKLER PIPING IN THE CROSS BUILDING LOBBY IS APPROXIMATE. BEFORE LAYING OUT NEW PIPE, CHECK FOR ANY EXISTING CONFLICTS WITH EXISTING PIPING.

**KEYED NOTES**

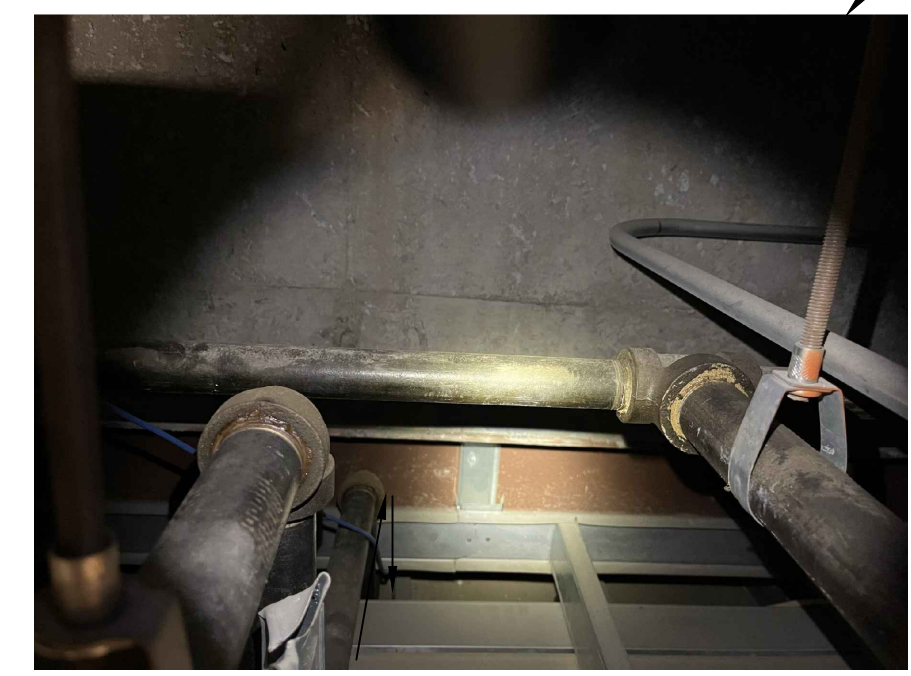
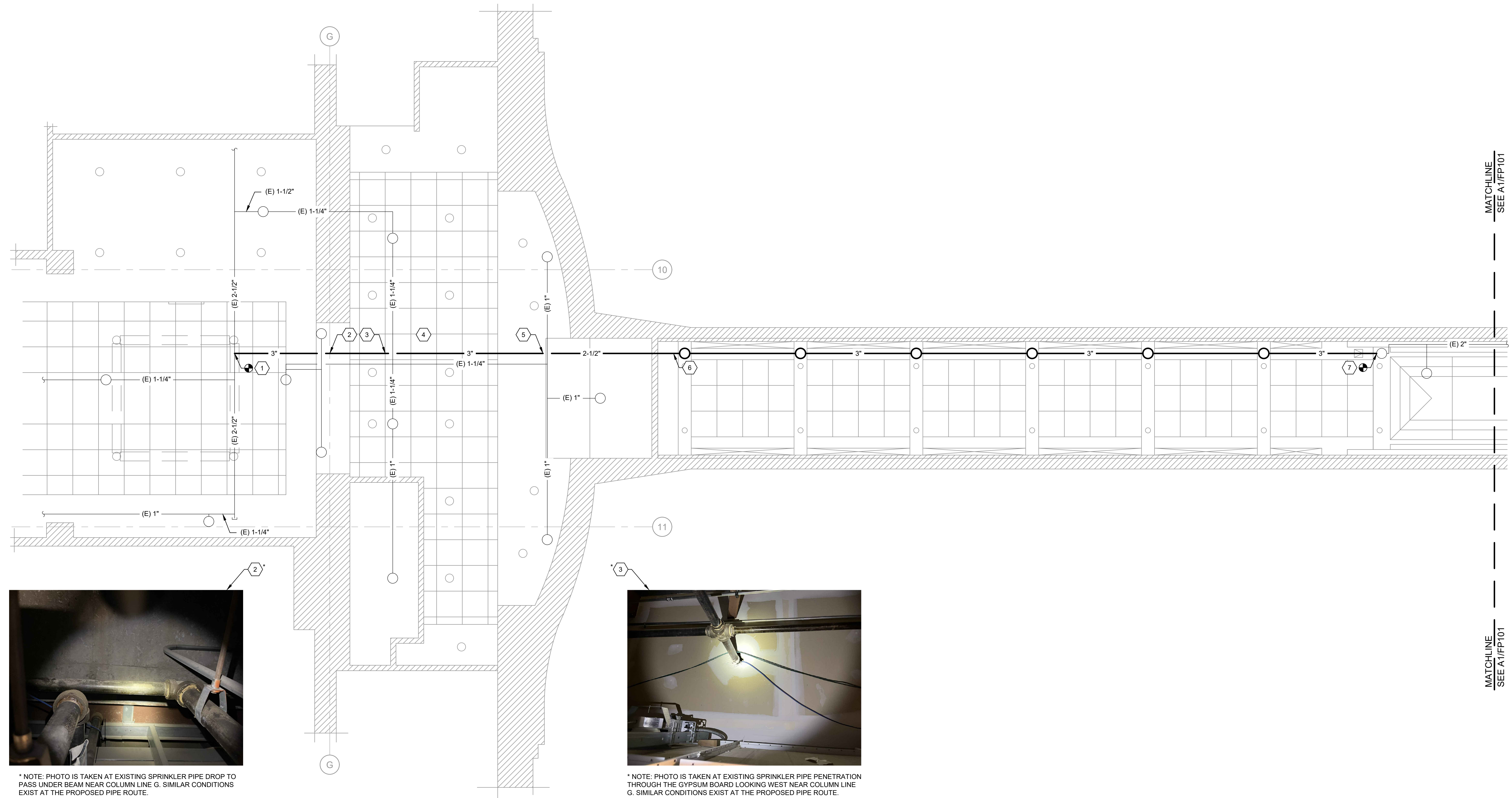
- CUT AND RETAIN PIPING AND SPRINKLERS AT SKYLIGHT. AT THE SKYLIGHT WEST END, REMOVE EXISTING 1-1/2 INCH PIPE ENTIRELY. MINIMIZE DAMAGE AND REQUISITE REPAIR TO THE SKYLIGHT SOFFIT TO THE GREATEST EXTENT POSSIBLE. AT THE SKYLIGHT EAST END, PIPE DEMOLITION MAY BEGIN AT ENOUGH DISTANCE TO AVOID ANY DAMAGE TO THE SKYLIGHT SOFFIT.
- CUT AND RETAIN PIPING EAST TO THE STATE HOUSE.
- CUT EXISTING 2-1/2 INCH FORMER FEED MAIN. PERMANENTLY CAP BOTH ENDS OF CUT PIPE AT THIS LOCATION. STATE HOUSE END WILL REMAIN CAPPED AND ABANDONED IN PLACE. TUNNEL SPRINKLERS WILL NOW BE FED FROM CROSS BUILDING.



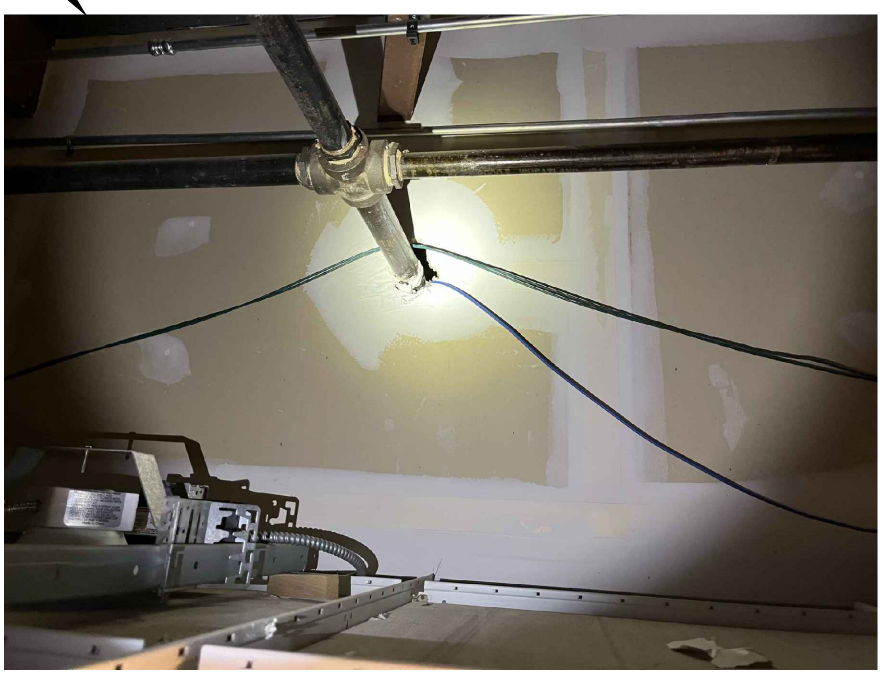
ISSUED FOR BID  
 JUNE 29, 2023  
 MAINE STATE HOUSE SPRINKLER  
 LEAK CORRECTION  
 111 SEWALL STREET, AUGUSTA, ME 04333

PROJECT NO:	3528230003
PROJECT MANAGER:	ALC
A/E OF RECORD:	RTS
DESIGNED BY:	RDJ
DRAWN BY:	STR
SHEET TITLE:	FIRE PROTECTION DEMOLITION PLAN
SHEET ID:	FD101

NOT FOR CONSTRUCTION

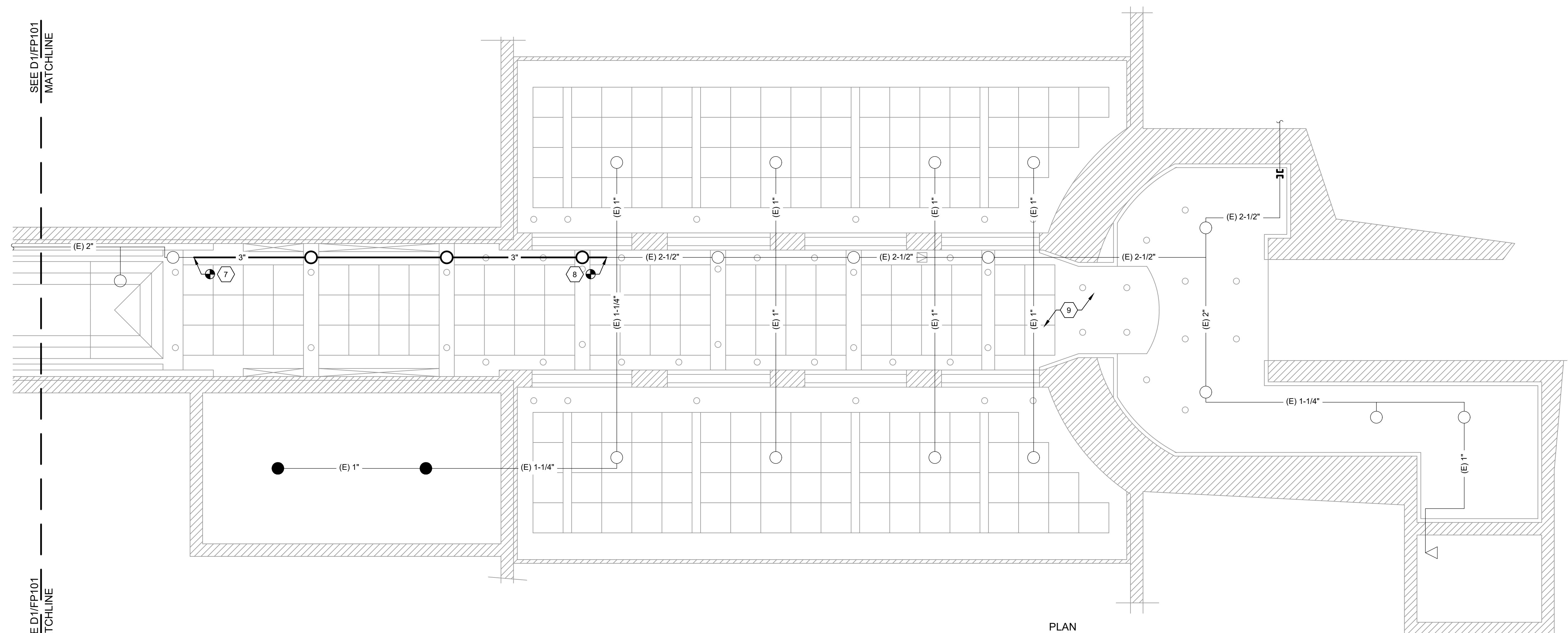


\* NOTE: PHOTO IS TAKEN AT EXISTING SPRINKLER PIPE DROP TO PASS UNDER BEAM NEAR COLUMN LINE G. SIMILAR CONDITIONS EXIST AT THE PROPOSED PIPE ROUTE.



\* NOTE: PHOTO IS TAKEN AT EXISTING SPRINKLER PIPE PENETRATION THROUGH THE GYPSUM BOARD LOOKING WEST NEAR COLUMN LINE G. SIMILAR CONDITIONS EXIST AT THE PROPOSED PIPE ROUTE.

**D1** FIRE PROTECTION FLOOR PLAN - WEST  
1/4" = 1'-0"  
0 2' 4' 8'  
PLAN NORTH



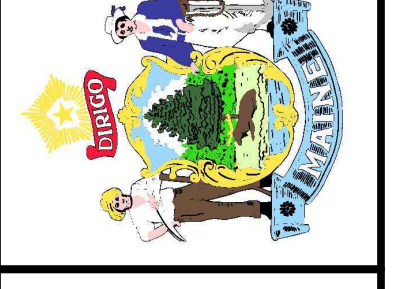
**A1** FIRE PROTECTION FLOOR PLAN - EAST  
1/4" = 1'-0"  
0 2' 4' 8'  
PLAN NORTH

- ### NOTES
- SEE F-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
  - PROPOSED PIPE ROUTE WITHIN CROSS BUILDING LOBBY IS A/E'S CONCEPTUAL LAYOUT BASED ON FIELD OBSERVATIONS OF AVAILABLE CLEARANCES AND OBSTRUCTIONS. CONTRACTOR MAY USE ALTERNATE PIPE ROUTE. OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE IF ALTERNATE ROUTE REQUIRES GREATER DEMOLITION. REQUIRES PENETRATION OF STRUCTURAL MEMBERS NOT SHOWN ON THE DRAWINGS OR PENETRATES THE W14 X 48 BEAM AT A DIFFERENT LOCATION THAN SHOWN.
  - PROPOSED PIPE SIZES ARE BASED ON A/E'S CONCEPTUAL LAYOUT. FIELD OBSERVATIONS OF AVAILABLE CLEARANCES AND CONCEPTUAL CALCULATIONS CONSIDERING AVAILABLE WATER SUPPLY. USE OF OTHER PIPE SIZES IS PERMITTED. CONTRACTOR IS REQUIRED TO SUBMIT HYDRAULIC CALCULATIONS BASED ON THEIR SELECTED PIPE ROUTE AND REGARDLESS OF FINAL SELECTED PIPE SIZE.
  - VERIFY PIPE ROUTE, AVAILABLE CLEARANCE, PIPE SIZE AND HYDRAULIC CALCULATIONS PRIOR TO PERFORMING ANY CUTTING AND INVASIVE DEMOLITION WORK.
- ### KEYED NOTES
- CTE 2-1/2 INCH WET SYSTEM CROSS MAIN.
  - PIPE TO DROP UNDER BEAM AT COLUMN LINE G.
  - PENETRATE THROUGH GYPSUM BOARD NEAR COLUMN LINE G.
  - SEE STRUCTURAL DRAWING FOR BEAM PENETRATION LOCATIONS.
  - REDUCE TO 2-1/2 INCH IF REQUIRED FOR PIPE ROUTE CLEARANCE TO AND THROUGH TUNNEL DOORWAY.
  - 2-1/2 INCH TO 3 INCH.
  - CTE 2 INCH AT SKYLIGHT.
  - CTE 2-1/2 INCH.
  - CONFIRM ADEQUATE PROTECTION FOR LIGHT HAZARD OCCUPANCY:  
0.1 GPM/SQFT OVER 1500 SQ. FT. WITH 37% REDUCTION TO 945 SQ. FT. (OR SPRINKLERS IN STATE HOUSE BASEMENT LOBBY AND 12 FT CEILING).



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STATE OF MAINE  
BUREAU OF GENERAL SERVICES  
111 SEWALL STREET, 4TH FLOOR  
AUGUSTA, MAINE 04333-0077  
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ISSUED FOR BID  
JUNE 29, 2023  
PROJECT:  
MAINE STATE HOUSE SPRINKLER  
LEAK CORRECTION  
111 SEWALL STREET, AUGUSTA, ME 04333

REV	DATE	ISSUED FOR BID	REVISION/ISSUE DESCRIPTION
A	06-29-2023		

PROJECT NO: 3528230001  
PROJECT MANAGER: ALG  
A/E OF RECORD: RTS  
DESIGNED BY: RDJ  
DRAWN BY: STR  
SHEET TITLE:  
FIRE PROTECTION FLOOR PLAN  
SHEET ID:  
FP101

NOT FOR CONSTRUCTION