

CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PORTLAND, MAINE



VOLUME 1:
CIVIL DRAWINGS
STRUCTURAL DRAWINGS

VOLUME 2:
ARCHITECTURAL DRAWINGS
FOOD SERVICE

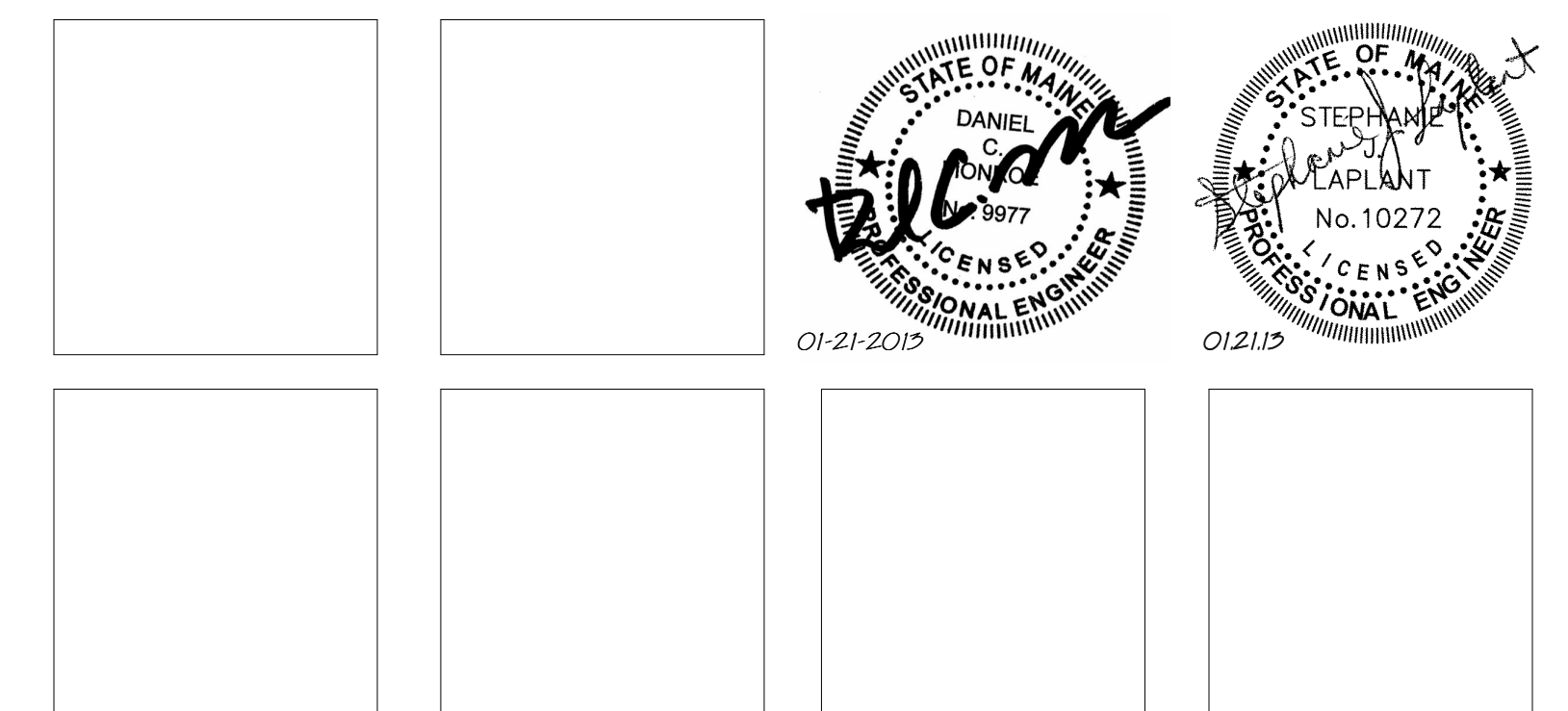
VOLUME 3:
FIRE PROTECTION
PLUMBING DRAWINGS
MECHANICAL DRAWINGS
ELECTRICAL DRAWINGS

PROJECT ADDRESS:
ONE CIVIC CENTER SQUARE
PORTLAND, ME 04101

CONSTRUCTION DOCUMENTS

01-21-13

Signature	Date	
Owner: _____	_____	
Architect: _____	_____	
Contractor: _____	_____	
		0
REV.	DESCRIPTION	DATE



SHEET No.
G0.06

COMM No.
3757.00

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FIRE PROTECTION NOTES:

- REFER TO DIVISION 21 SPECIFICATIONS.
- RENOVATED AREAS OF FACILITY AND NEW AREAS OF WORK SHALL BE PROVIDED W/ A FIRE SPRINKLER SYSTEM, IN ACCORDANCE W/ THE NFPA 13 & THE STATE OF MAINE FIRE MARSHAL'S OFFICE. A WET SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL HEATED AREAS & SPACES. A GLYCOL SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL NON-HEATED AREAS & SPACES, SUSCEPTIBLE TO FREEZING (EXTERIOR CANOPIES, ETC.)
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FIRE SUPPRESSION SYSTEM LEGEND

- FIRE DEPT. CONNECTION (STORZ)
- SPRINKLER SYSTEM WET RISER
- ESPK- EXISTING FIRE SPRINKLER PIPING
- SPK- NEW FIRE SPRINKLER PIPING
- ESP- EXISTING STAND PIPE PIPING
- SP- NEW STAND PIPE PIPING

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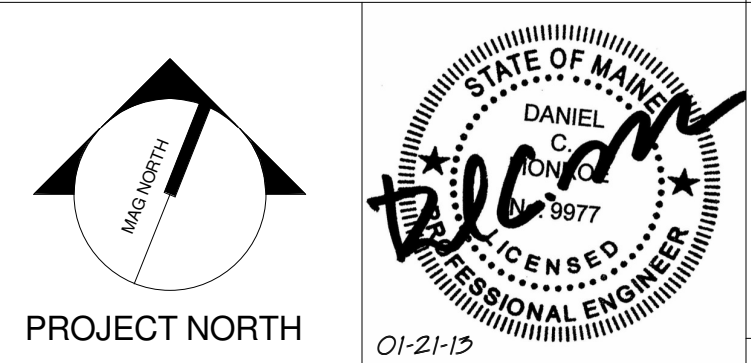
EASTERN FIRE PROTECTION SHOP DRAWINGS
DATED: 06-29-2975
SPRINKLER SYSTEMS INC. SHOP DRAWINGS
DATED: 6-17-1994

A	B
D	C

1	CONSTRUCTION DOCUMENTS	01-21-13
0	CONSTRUCTION DOCUMENTS	10-31-2012
REV.	DESCRIPTION	DATE

**CONSTRUCTION DOCUMENTS
01-21-2013**

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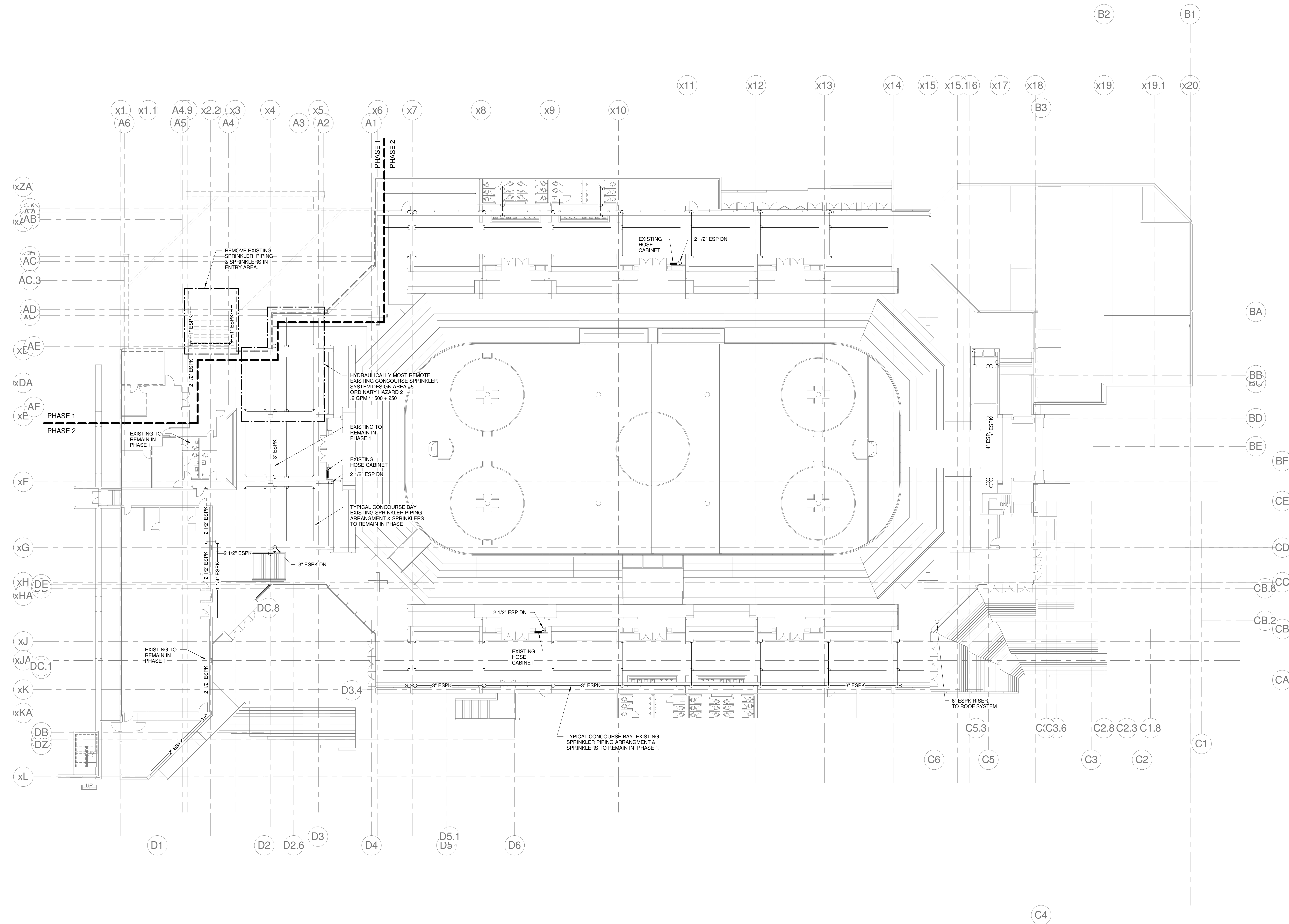


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
MAIN CONCOURSE FIRE PROTECTION REMOVALS PLAN - PHASE 1

SHEET TITLE:	FD2.20A
WBRC CAD FILE:	375700 - 0202 Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON



1 MAIN CONCOURSE FIRE PROTECTION REMOVALS PLAN - PHASE 1
1/16" = 1'-0"

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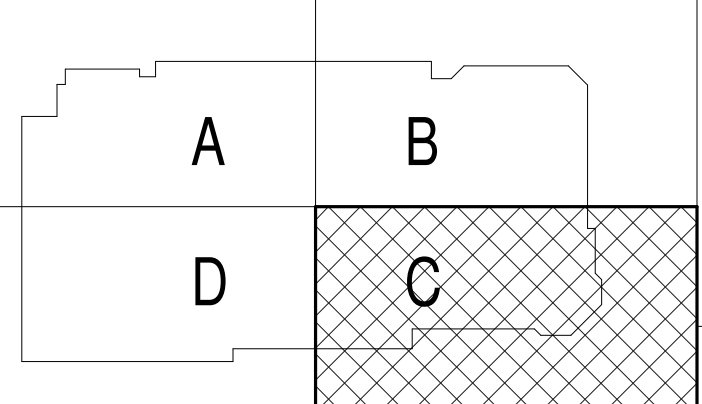
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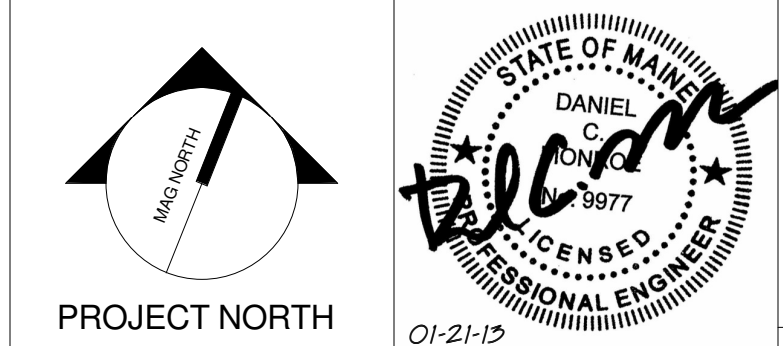
EASTERN FIRE PROTECTION SHOP DRAWINGS
DATED: 06-29-2015
SPRINKLER SYSTEMS INC. SHOP DRAWINGS
DATED: 6-17-1994



REV.	DESCRIPTION	DATE
0	CONSTRUCTION DOCUMENTS	01-21-2013

**CONSTRUCTION DOCUMENTS
01-21-2013**

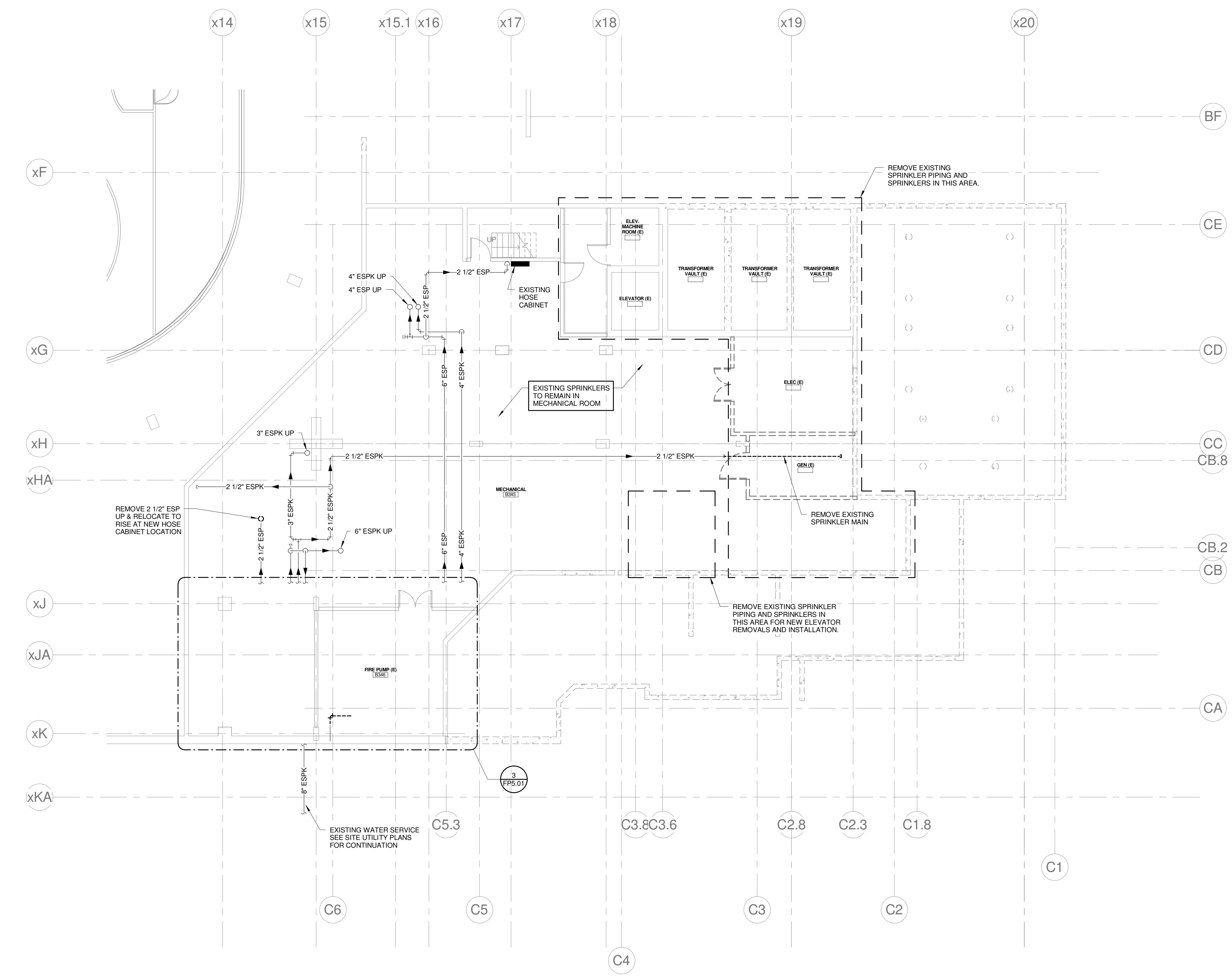
CURRENT ISSUE STATUS:



CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
MECHANICAL LEVEL FIRE PROTECTION REMOVALS PLAN - PHASE 2

SHEET TITLE:	FD2.03B
WBRC CAD FILE:	375700 - 0202 Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON



1 MECHANICAL LEVEL FIRE PROTECTION REMOVALS PLAN
1/8" = 1'-0"

1/18/2013 7:40:46 AM C:\Users\coming\OneDrive\Documents\375700 - CCCO Plumbing\coming_bunker.rvt

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- NEW STAND PIPE PIPING

REFERENCE:
EASTERN FIRE PROTECTION SHOP DRAWINGS
DATED: 06-29-2975
SPRINKLER SYSTEMS INC. SHOP DRAWINGS
DATED: 6-17-1994

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D	C

REV.	DESCRIPTION	DATE
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**CONSTRUCTION DOCUMENTS
01-21-2013**

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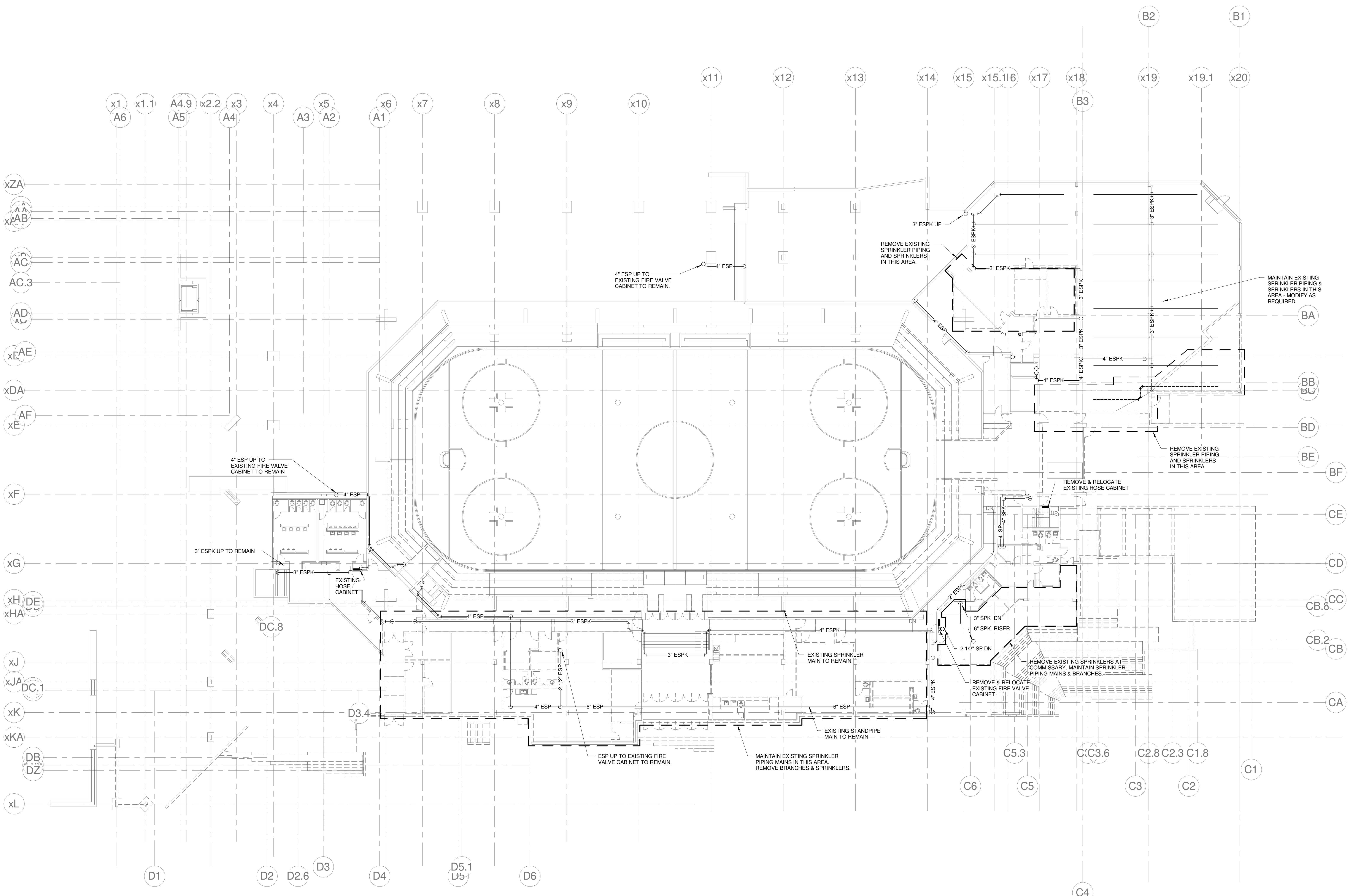


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL FIRE PROTECTION REMOVALS PLAN - PHASE 2

SHEET TITLE:	WBRC CAD FILE: 375700 - 0202 Plumbing.rvt
PROJECT No.:	3757.00 GRAPHIC SCALE: 1" = 1'
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
FD2.10B	



1 EVENT LEVEL FIRE PROTECTION REMOVALS PLAN
1/16" = 1'-0"

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- EXISTING FIRE SPRINKLER PIPING
- NEW FIRE SPRINKLER PIPING
- EXISTING STAND PIPE PIPING
- NEW STAND PIPE PIPING

REFERENCE:

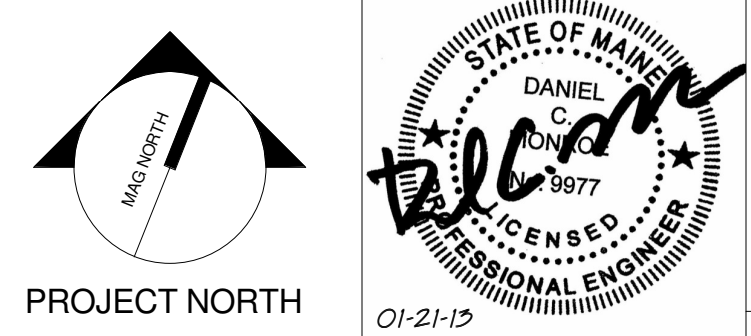
EASTERN FIRE PROTECTION SHOP DRAWINGS
DATED: 06-29-2975
SPRINKLER SYSTEMS INC. SHOP DRAWINGS
DATED: 6-17-1994

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D	C

REV.	DESCRIPTION	DATE
0	CONSTRUCTION DOCUMENTS	01-21-2013

**CONSTRUCTION DOCUMENTS
01-21-2013**

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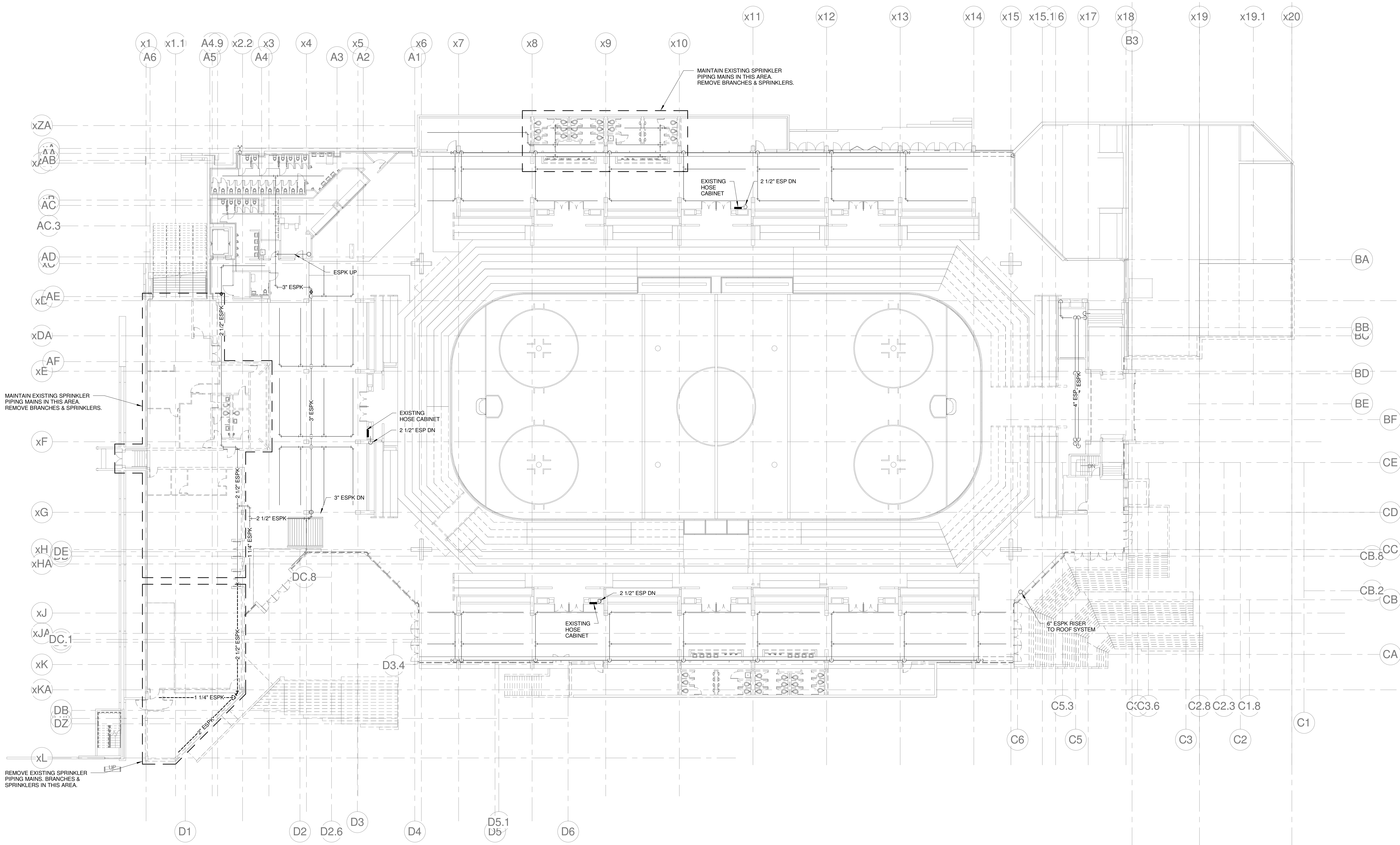


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**CUMBERLAND COUNTY CIVIC
CENTER RENOVATION**

PROJECT: PORTLAND, ME
**MAIN CONCOURSE FIRE
PROTECTION REMOVALS
PLAN - PHASE 2**

SHEET TITLE:
WBRC CAD FILE: 375700 - 0202 Plumbing.rvt
PROJECT No. **3757.00** GRAPHIC SCALE: 1" = 1'-0"
SCALE: As indicated
PROJECT MANAGER: JRB
DRAWN BY: LAC
CHECKED BY: DMON
SHEET No. **FD2.20B**



1 MAIN CONCOURSE FIRE PROTECTION REMOVALS PLAN
1/16" = 1'-0"

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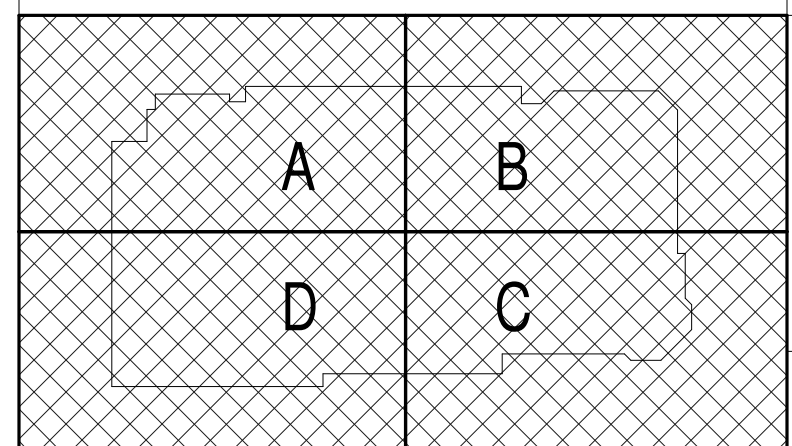
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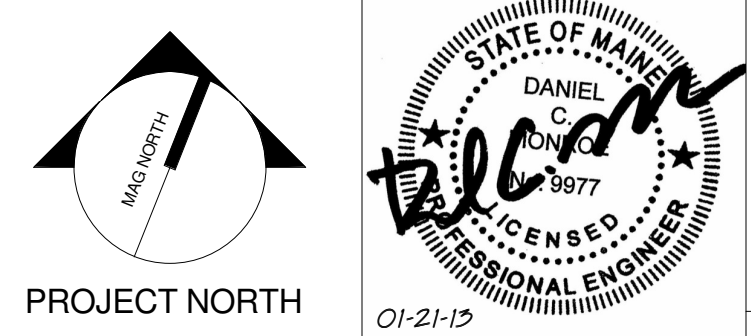
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 SPRINKLER SYSTEMS INC. SHOP DRAWINGS DATED: 6-17-1994



REV.	DESCRIPTION	DATE
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0	CONSTRUCTION DOCUMENTS	10-31-2012

**CONSTRUCTION DOCUMENTS
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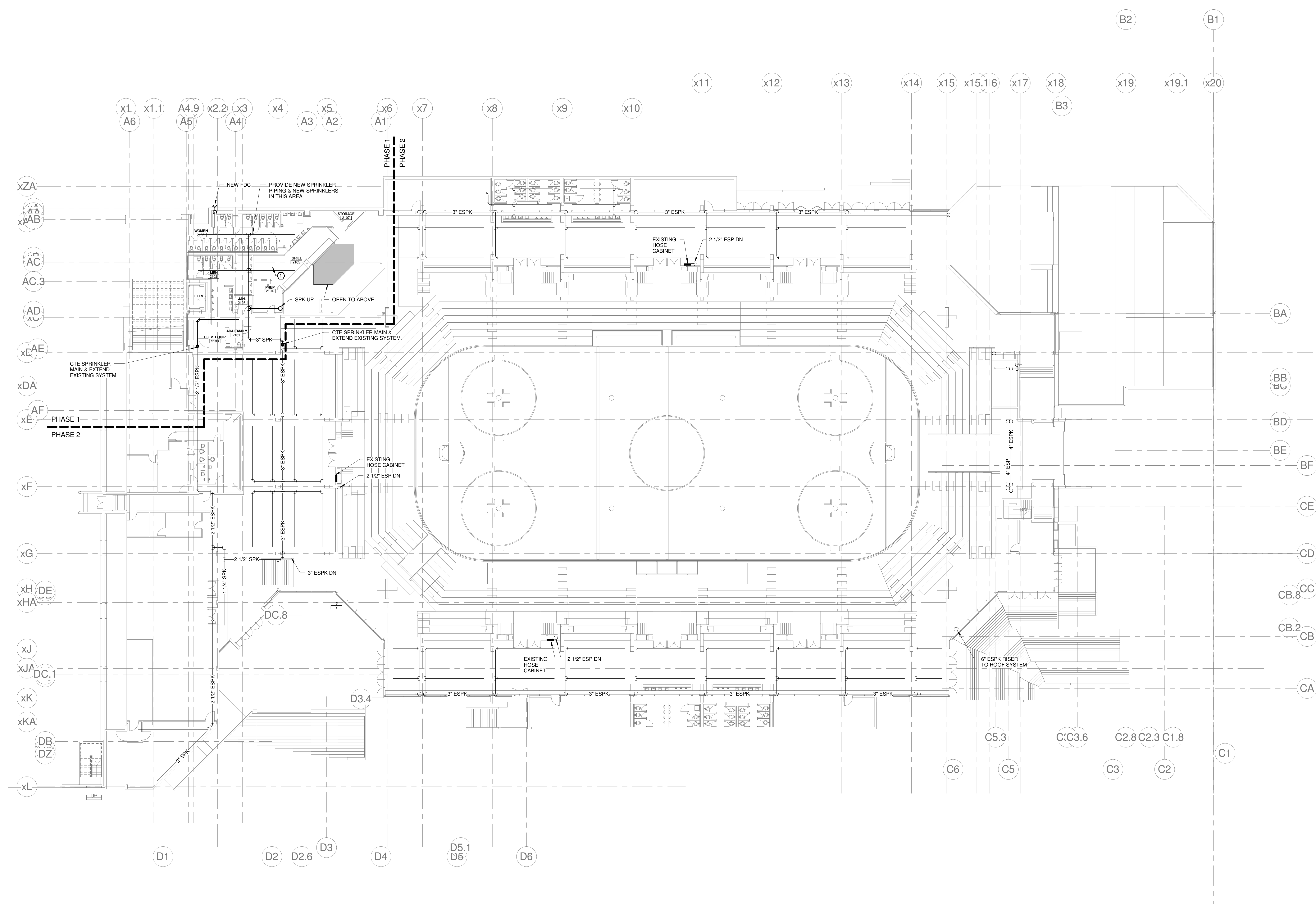


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**CUMBERLAND COUNTY CIVIC
 CENTER RENOVATION**

**MAIN CONCOURSE FIRE
 PROTECTION PLAN - PHASE 1**

SHEET TITLE:	WBRC CAD FILE:	375700 - CCCC Plumbing.dwg
PROJECT No.:	3757.00	GRAPHIC SCALE: 1" = 1'
SCALE:	As indicated	
PROJECT MANAGER:	JRB	SHEET No.:
DRAWN BY:	LAC	FP2.20A
CHECKED BY:	DMON	



1 MAIN CONCOURSE FIRE PROTECTION PLAN - PHASE 1
 1/16" = 1'-0"

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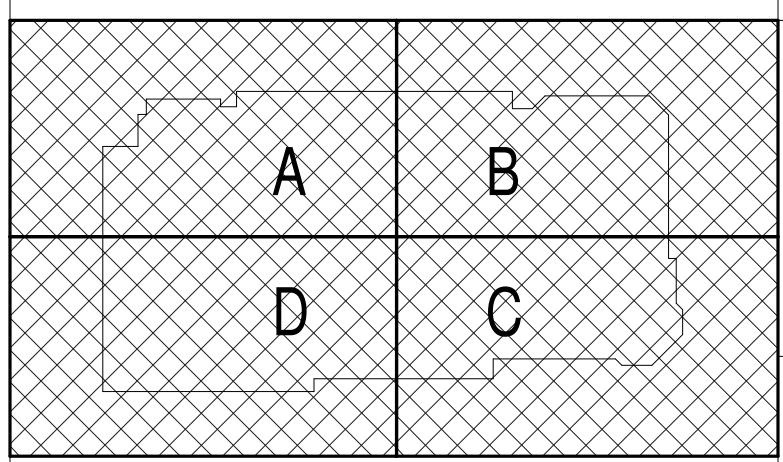
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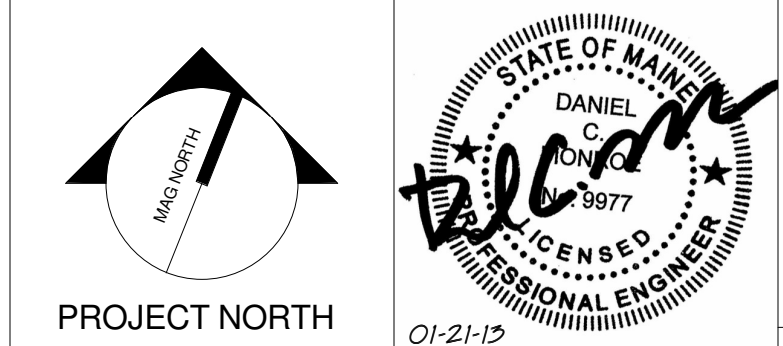
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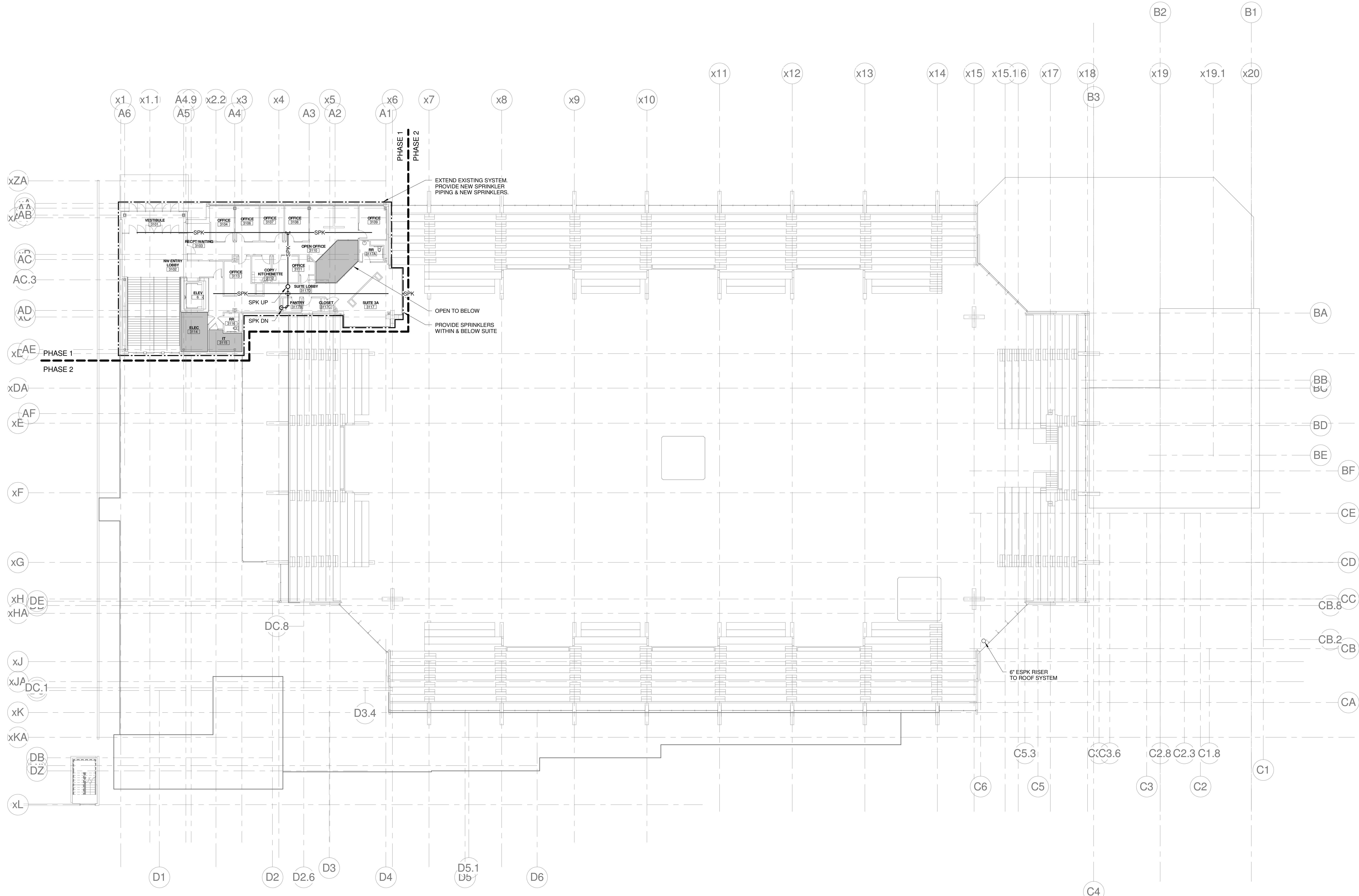
CURRENT ISSUE STATUS:



CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
MID SUITES FIRE PROTECTION PLAN - PHASE 1

SHEET TITLE:	3757.00	GRAPHIC SCALE:	1"
WBRC CAD FILE:	375700 - 0202 Plumbing.rvt	SCALE:	As indicated
PROJECT No.:	3757.00	PROJECT MANAGER:	JRB
SCALE:	As indicated	DRAWN BY:	LAC
PROJECT MANAGER:	JRB	CHECKED BY:	DMON
DRAWN BY:	LAC	SHEET No.:	FP2.30A
CHECKED BY:	DMON		



1 MIS SUITES LEVEL FIRE PROTECTION PLAN
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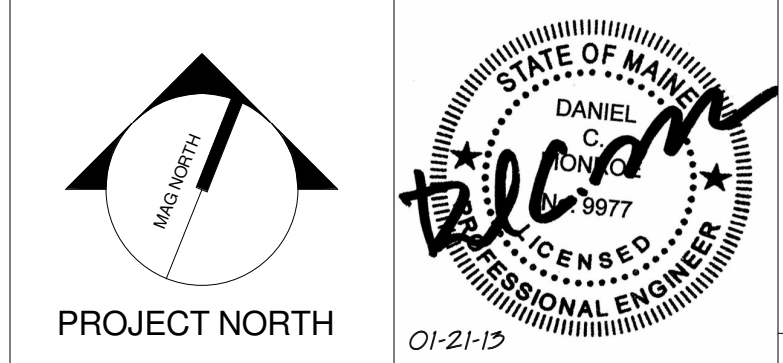
REFERENCE:
 EASTERN FIRE PROTECTION SHOP DRAWINGS
 DATED: 06-29-2015
 SPRINKLER SYSTEMS INC. SHOP DRAWINGS
 DATED: 6-17-1994

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D	C

1	CONSTRUCTION DOCUMENTS	01-21-13
0	CONSTRUCTION DOCUMENTS	10-31-12

CONSTRUCTION DOCUMENTS
 01-21-2013

CURRENT ISSUE STATUS:

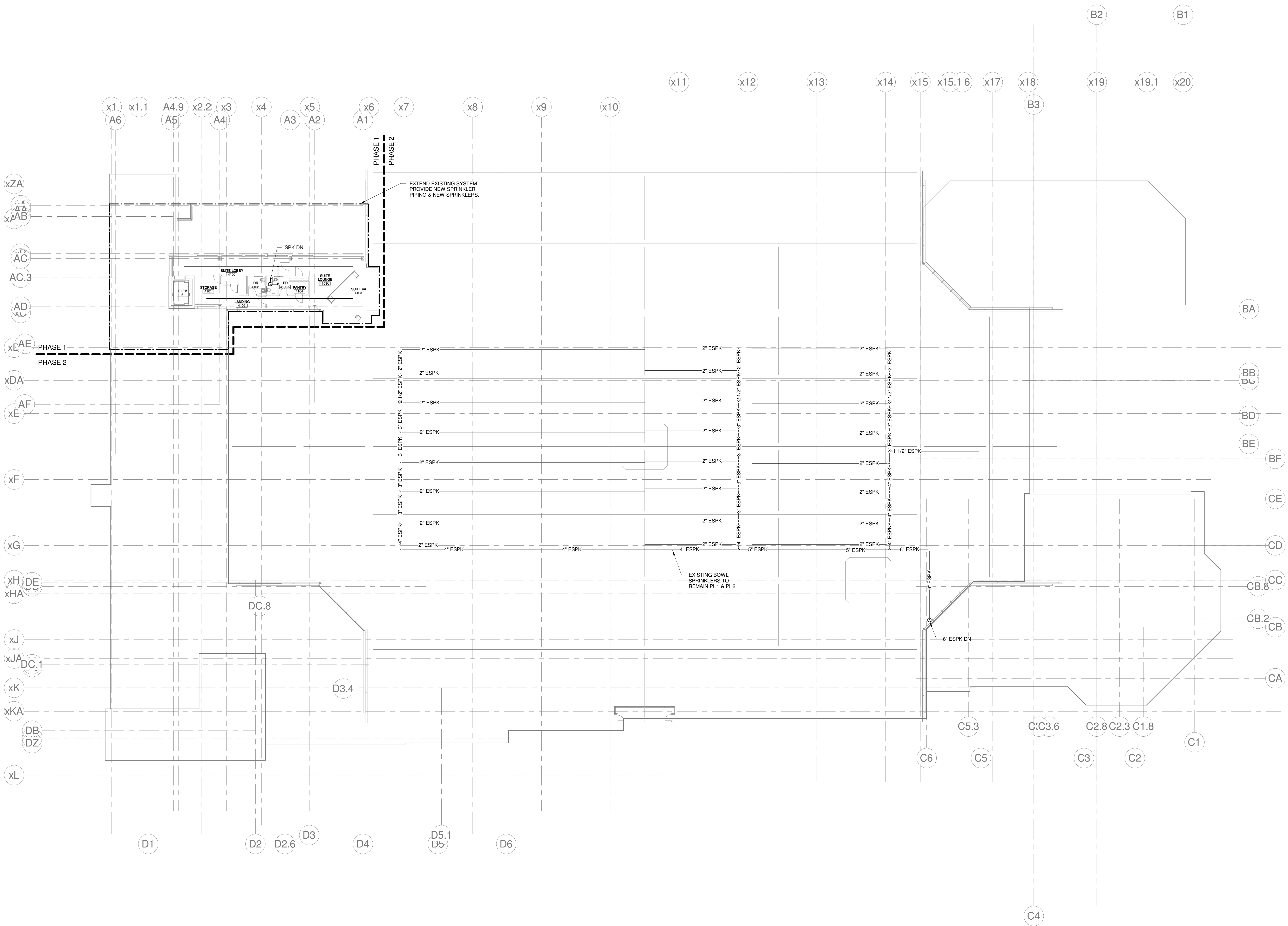


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
UPPER SUITES FIRE PROTECTION PLAN - PHASE 1

SHEET TITLE:	UPPER SUITES FIRE PROTECTION PLAN - PHASE 1
WBRC CAD FILE:	375700 - 0000 Plumbing.dwg
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	FP2.40A



1 UPPER SUITES FIRE PROTECTION PLAN - PHASE 1
 1/16" = 1'-0"

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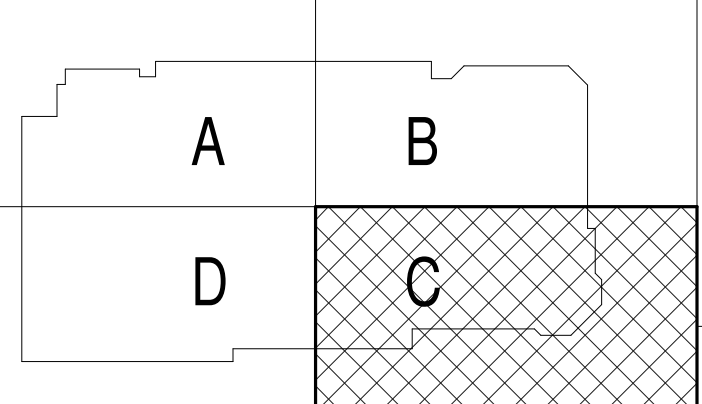
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- SP- NEW STAND PIPE PIPING

REFERENCE:

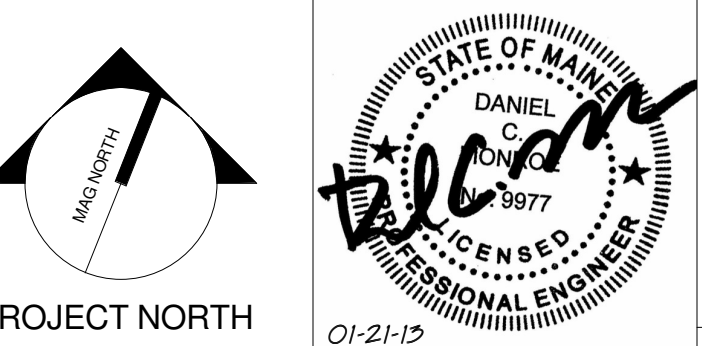
EASTERN FIRE PROTECTION SHOP DRAWINGS
 DATED: 06-29-2975
 SPRINKLER SYSTEMS INC. SHOP DRAWINGS
 DATED: 6-17-1994



REV.	DESCRIPTION	DATE
0	CONSTRUCTION DOCUMENTS	01-21-2013

**CONSTRUCTION DOCUMENTS
 01-21-2013**

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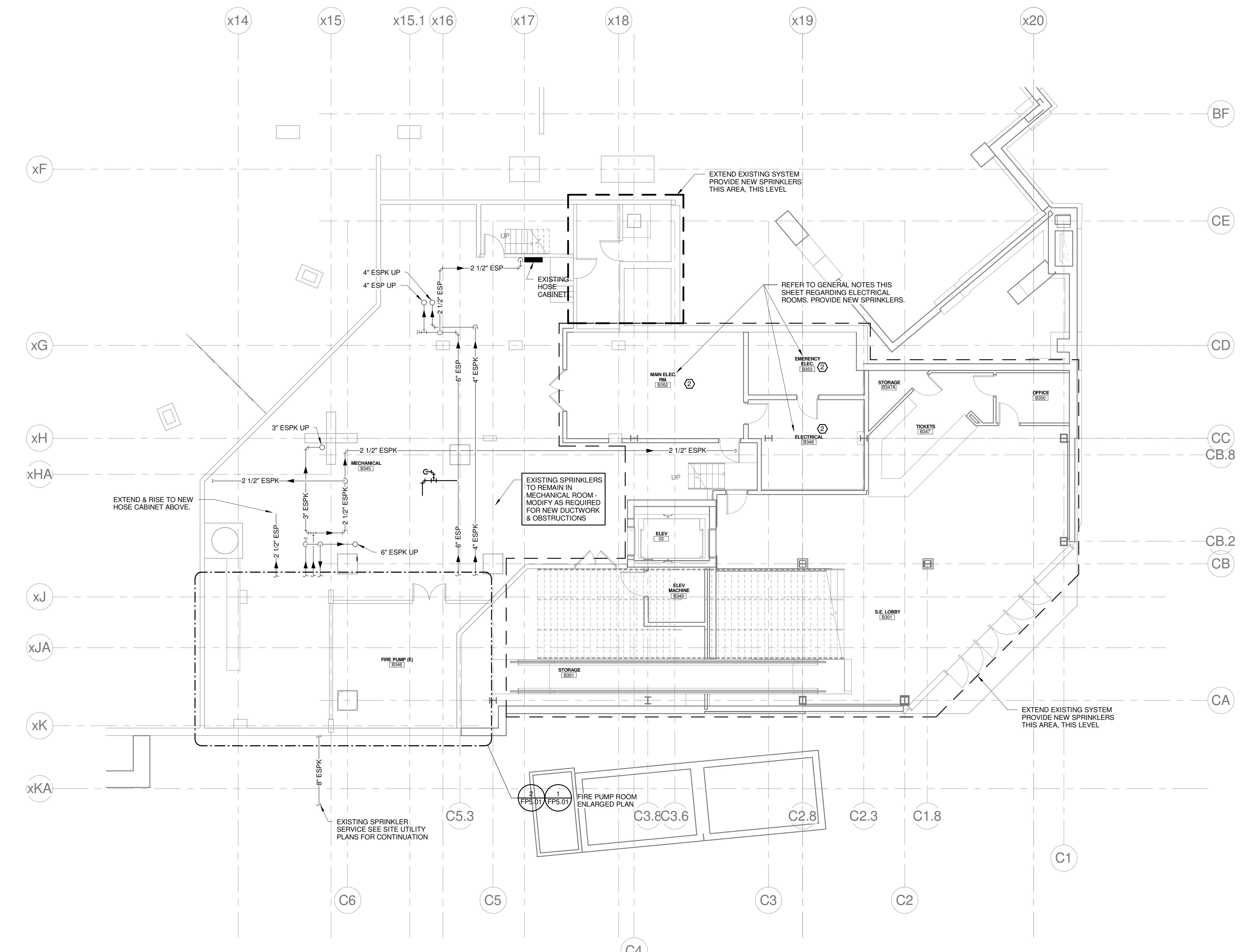


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**CUMBERLAND COUNTY CIVIC
 CENTER RENOVATION**

**MECHANICAL LEVEL FIRE
 PROTECTION PLAN - PHASE 2**

SHEET TITLE:	FP2.03B
WBRC CAD FILE:	375700 - 0200 Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON



1 MECHANICAL LEVEL FIRE PROTECTION PLAN
 1/8" = 1'-0"

1/18/2013 7:41:02 AM C:\Users\conroy\My Documents\375700 - CCCO Plumbing\conroy_bunker.rvt

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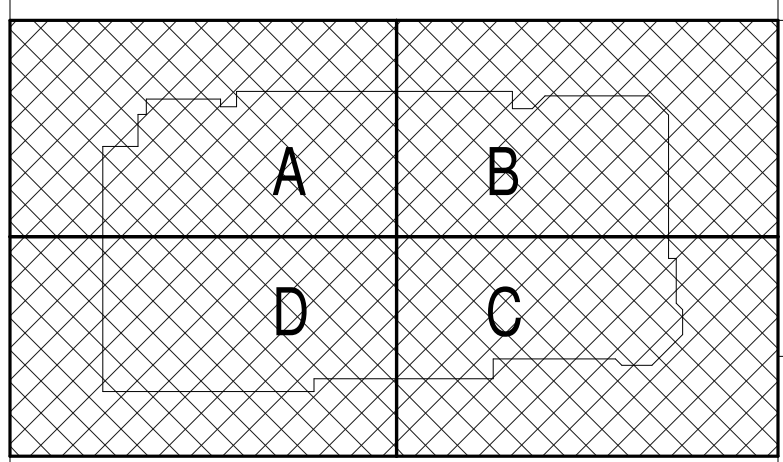
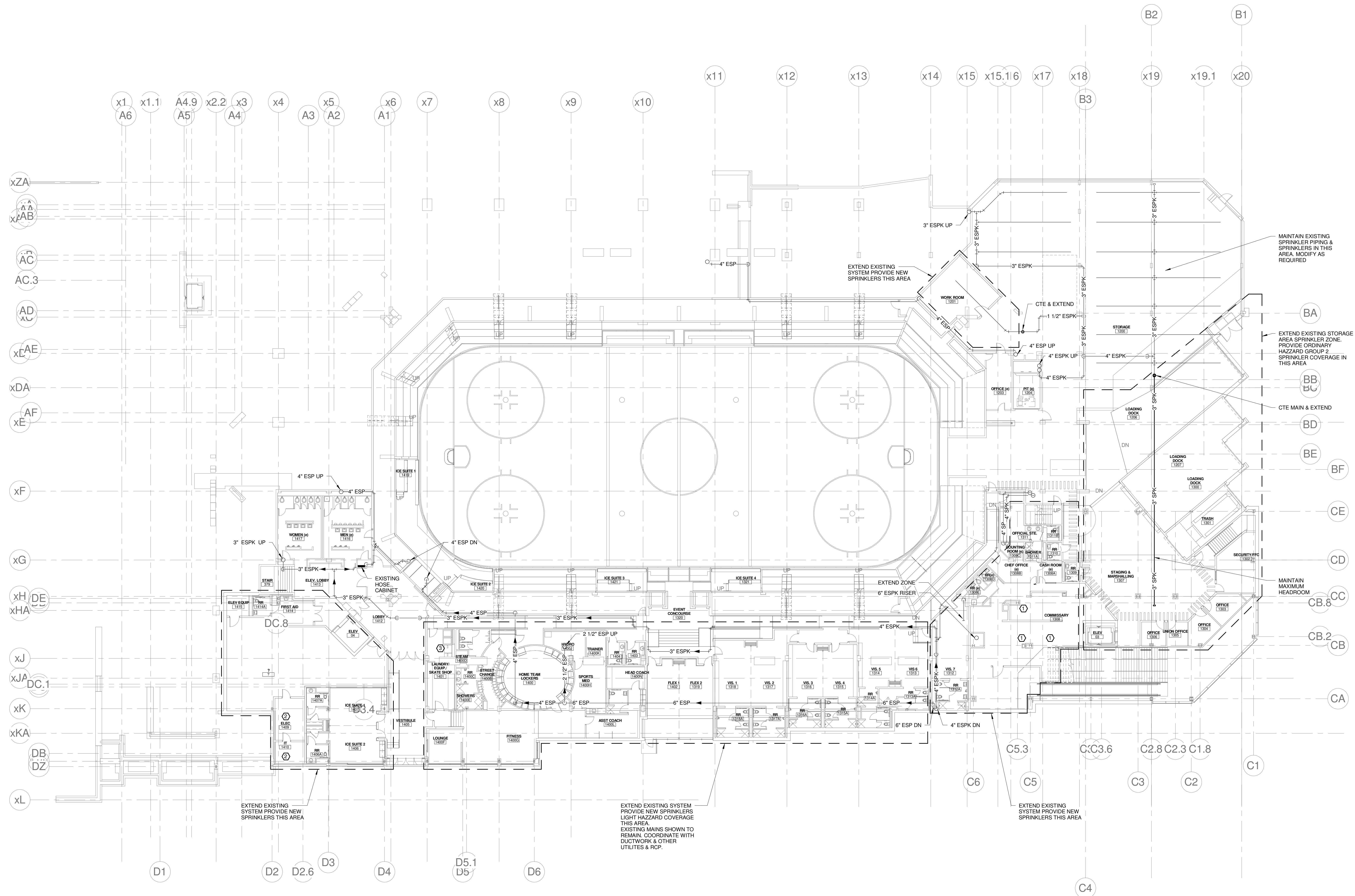
- REFER TO DIVISION 21 SPECIFICATIONS.
- RENOVATED AREAS OF FACILITY AND NEW AREAS OF WORK SHALL BE PROVIDED WITH A FIRE SPRINKLER SYSTEM, IN ACCORDANCE WITH THE NFPA 13 & THE STATE OF MAINE FIRE MARSHAL'S OFFICE. A WET SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL HEATED AREAS & SPACES. A GLYCOL SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL NON-HEATED AREAS & SPACES, SUSCEPTIBLE TO FREEZING (EXTERIOR CANOPIES, ETC.).
- COORDINATE SPRINKLER PIPING LOCATIONS WITH ALL TRADES.
- DO NOT INSTALL SPRINKLER PIPING OVER ELECTRICAL SWITCH GEAR. COORDINATE REQUIRED CLEARANCES FOR ACCESS & SERVICE OF ELECTRICAL SWITCH GEAR, WITH ELECTRICAL CONTRACTOR.
- PROVIDE SPRINKLER COVERAGE OVER ALL CABLE TRAYS. COORDINATE WITH ELECTRICAL ALL CABLE TRAY LOCATIONS.
- FACILITY IS PROVIDED WITH A STANDPIPE SYSTEM. EXTEND AND MAINTAIN IN ACCORDANCE WITH NFPA 14 AND THE CITY OF PORTLAND FIRE DEPT.

FIRE SUPPRESSION SYSTEM LEGEND

- FIRE DEPT. CONNECTION (STORZ)
- SPRINKLER SYSTEM WET RISER
- ESPK - EXISTING FIRE SPRINKLER PIPING
- SPK - NEW FIRE SPRINKLER PIPING
- ESP - EXISTING STAND PIPE PIPING
- SP - NEW STAND PIPE PIPING

REFERENCE:

- EASTERN FIRE PROTECTION SHOP DRAWINGS DATED: 06-29-2975
- SPRINKLER SYSTEMS INC. SHOP DRAWINGS DATED: 6-17-1994



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL FIRE PROTECTION PLAN - PHASE 2

SHEET TITLE:	WBRC CAD FILE: 375700 - 0202 Plumbing.dwg
PROJECT No.:	3757.00 GRAPHIC SCALE: 1" = 1'-0"
SCALE:	As indicated
PROJECT MANAGER:	JRB SHEET No. FP2.10B
DRAWN BY:	LAC
CHECKED BY:	DMON

1 EVENT LEVEL FIRE PROTECTION PLAN
1/16" = 1'-0"

FIRE PROTECTION NOTES:

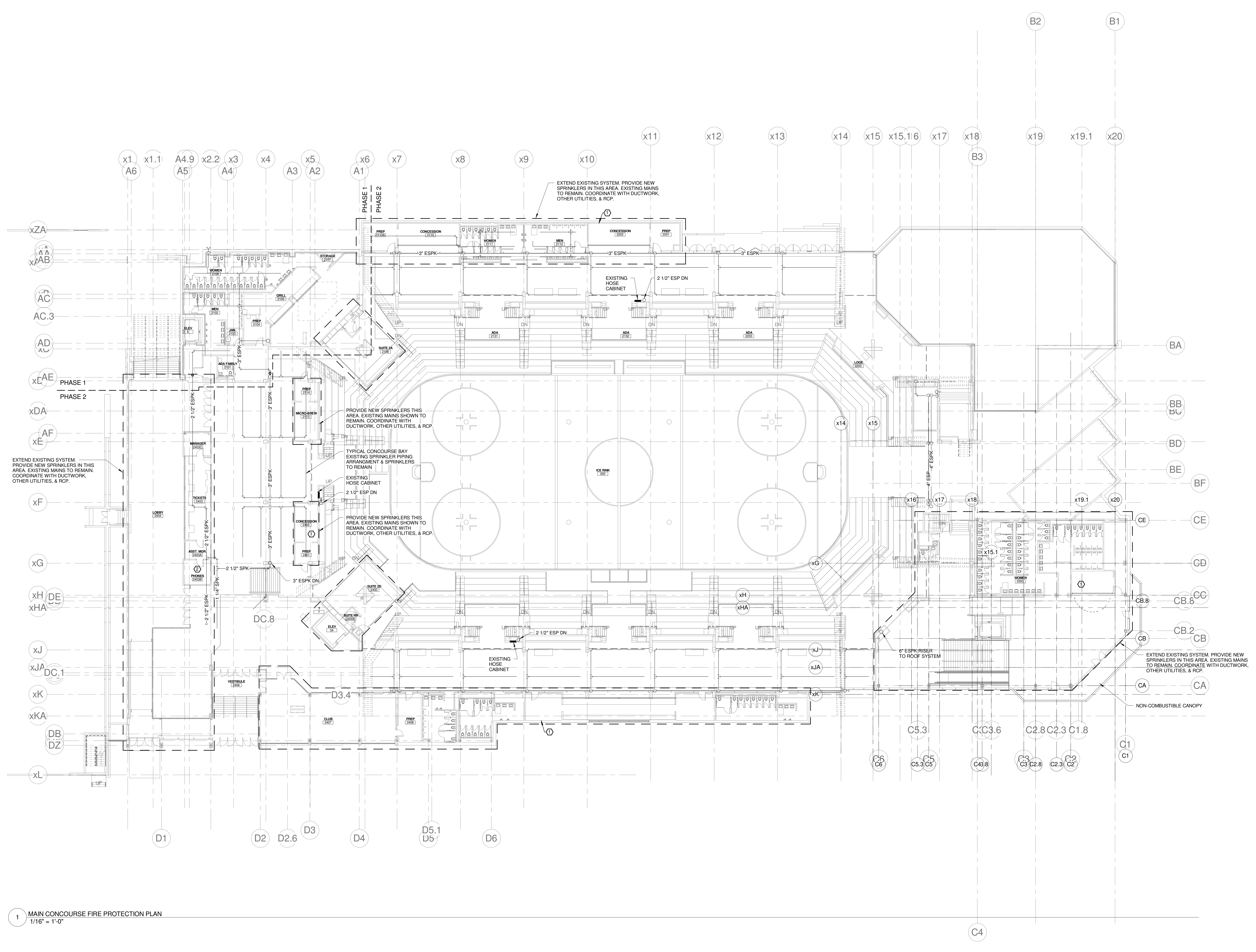
- REFER TO DIVISION 21 SPECIFICATIONS.
- RENOVATED AREAS OF FACILITY AND NEW AREAS OF WORK SHALL BE PROVIDED WITH A FIRE SPRINKLER SYSTEM, IN ACCORDANCE WITH THE NFPA 13 & THE STATE OF MAINE FIRE MARSHAL'S OFFICE. A WET SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL HEATED AREAS & SPACES. A GLYCOL SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL NON-HEATED AREAS & SPACES, SUSCEPTIBLE TO FREEZING (EXTERIOR CANOPIES, ETC.).
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- DO NOT INSTALL SPRINKLER PIPING OVER ELECTRICAL SWITCH GEAR. COORDINATE REQUIRED CLEARANCES FOR ACCESS & SERVICE OF ELECTRICAL SWITCH GEAR, WITH ELECTRICAL CONTRACTOR.
- PROVIDE SPRINKLER COVERAGE OVER ALL CABLE TRAYS. COORDINATE WITH ELECTRICAL ALL CABLE TRAY LOCATIONS.
- FACILITY IS PROVIDED WITH A STANDPIPE SYSTEM. EXTEND AND MAINTAIN IN ACCORDANCE WITH NFPA 14 AND THE CITY OF PORTLAND FIRE DEPT.

FIRE SUPPRESSION SYSTEM LEGEND

- FIRE DEPT. CONNECTION (STORZ)
- SPRINKLER SYSTEM WET RISER
- EXISTING FIRE SPRINKLER PIPING
- NEW FIRE SPRINKLER PIPING
- EXISTING STAND PIPE PIPING
- NEW STAND PIPE PIPING

REFERENCE:

- EASTERN FIRE PROTECTION SHOP DRAWINGS DATED: 06-29-2975
- SPRINKLER SYSTEMS INC. SHOP DRAWINGS DATED: 6-17-1994

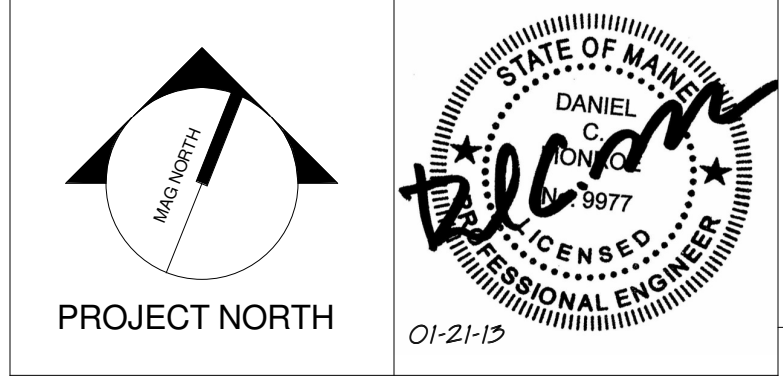


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D	C

REV.	DESCRIPTION	DATE
0	CONSTRUCTION DOCUMENTS	01-21-2013

CONSTRUCTION DOCUMENTS
01-21-2013

CURRENT ISSUE STATUS:



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
MAIN CONCOURSE FIRE PROTECTION PLAN - PHASE 2

SHEET TITLE:	WBRC CAD FILE:	375700 - 0202 Plumbing.rvt
PROJECT No.:	GRAPHIC SCALE:	1" = 1'-0"
SCALE:	As indicated	
PROJECT MANAGER:	JRB	SHEET No.:
DRAWN BY:	LAC	FP2.20B
CHECKED BY:	DMON	

1 MAIN CONCOURSE FIRE PROTECTION PLAN
1/16" = 1'-0"

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FIRE PROTECTION NOTES:

- REFER TO DIVISION 21 SPECIFICATIONS.
- RENOVATED AREAS OF FACILITY AND NEW AREAS OF WORK SHALL BE PROVIDED WITH A FIRE SPRINKLER SYSTEM, IN ACCORDANCE WITH THE NFPA 13 & THE STATE OF MAINE FIRE MARSHAL'S OFFICE. A WET SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL HEATED AREAS & SPACES. A GLYCOL SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL NON-HEATED AREAS & SPACES, SUSCEPTIBLE TO FREEZING (EXTERIOR CANOPIES, ETC.)
- COORDINATE SPRINKLER PIPING LOCATIONS WITH ALL TRADES.
- DO NOT INSTALL SPRINKLER PIPING OVER ELECTRICAL SWITCH GEAR. COORDINATE REQUIRED CLEARANCES FOR ACCESS & SERVICE OF ELECTRICAL SWITCH GEAR, WITH ELECTRICAL CONTRACTOR.
- PROVIDE SPRINKLER COVERAGE OVER ALL CABLE TRAYS. COORDINATE WITH ELECTRICAL ALL CABLE TRAY LOCATIONS.
- FACILITY IS PROVIDED WITH A STANDPIPE SYSTEM. EXTEND AND MAINTAIN IN ACCORDANCE WITH NFPA 14 AND THE CITY OF PORTLAND FIRE DEPT.

FIRE SUPPRESSION SYSTEM LEGEND

- FIRE DEPT. CONNECTION (STORZ)
- SPRINKLER SYSTEM WET RISER
- EXISTING FIRE SPRINKLER PIPING
- NEW FIRE SPRINKLER PIPING
- EXISTING STAND PIPE PIPING
- NEW STAND PIPE PIPING

REFERENCE:

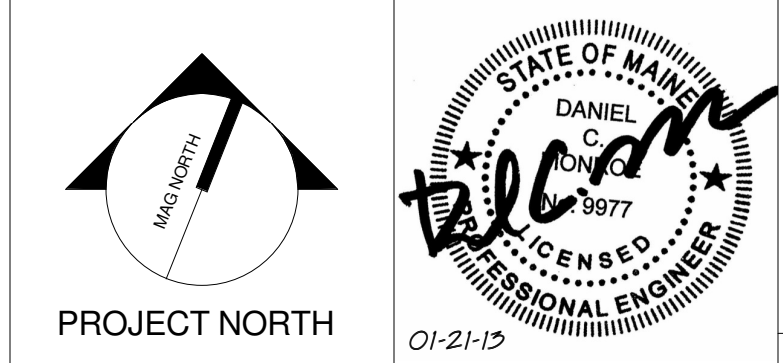
EASTERN FIRE PROTECTION SHOP DRAWINGS
DATED: 06-29-2015
SPRINKLER SYSTEMS INC. SHOP DRAWINGS
DATED: 6-17-1994

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REV.	DESCRIPTION	DATE

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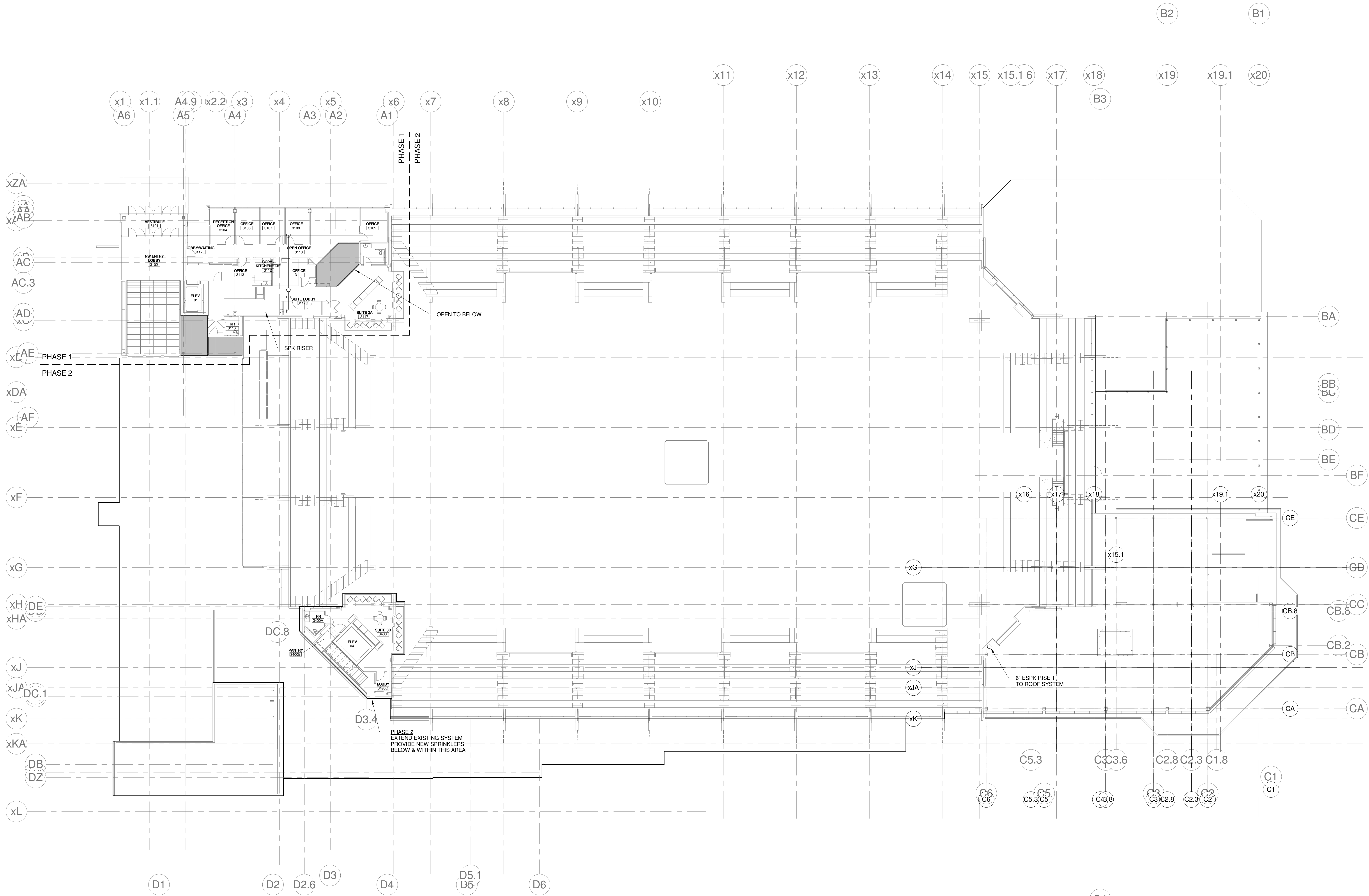


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**CUMBERLAND COUNTY CIVIC
CENTER RENOVATION**

PROJECT: PORTLAND, ME
**MID SUITES FIRE
PROTECTION PLAN - PHASE 2**

SHEET TITLE:	WBRC CAD FILE: 375700 - 0200 Plumbing.rvt
PROJECT No.:	3757.00 GRAPHIC SCALE: 1" = 1'
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
FP2.30B	



1 MID SUITES FIRE PROTECTION PLAN - PHASE 2
1/16" = 1'-0"

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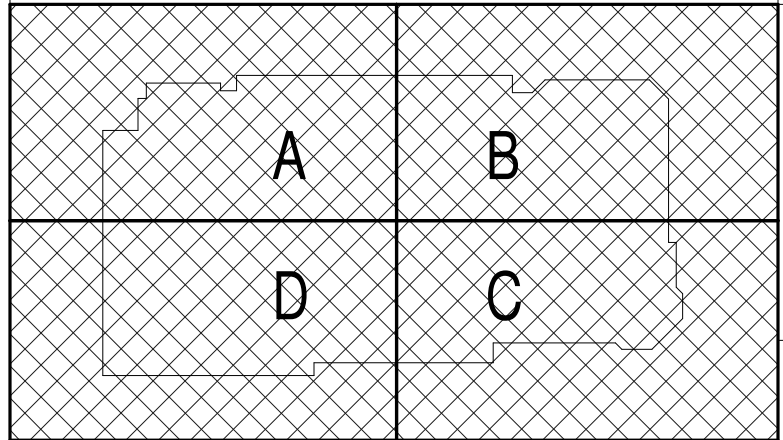
FIRE PROTECTION NOTES:

- REFER TO DIVISION 21 SPECIFICATIONS.
- RENOVATED AREAS OF FACILITY AND NEW AREAS OF WORK SHALL BE PROVIDED WITH A FIRE SPRINKLER SYSTEM, IN ACCORDANCE WITH NFPA 13 & THE STATE OF MAINE FIRE MARSHAL'S OFFICE. A WET SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL HEATED AREAS & SPACES. A GLYCOL SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL NON-HEATED AREAS & SPACES, SUSCEPTIBLE TO FREEZING (EXTERIOR CANOPIES, ETC.)
- COORDINATE SPRINKLER PIPING LOCATIONS WITH ALL TRADES.
- DO NOT INSTALL SPRINKLER PIPING OVER ELECTRICAL SWITCH GEAR. COORDINATE REQUIRED CLEARANCES FOR ACCESS & SERVICE OF ELECTRICAL SWITCH GEAR WITH ELECTRICAL CONTRACTOR.
- PROVIDE SPRINKLER COVERAGE OVER ALL CABLE TRAYS. COORDINATE WITH ELECTRICAL ALL CABLE TRAY LOCATIONS.
- FACILITY IS PROVIDED WITH A STANDPIPE SYSTEM. EXTEND AND MAINTAIN IN ACCORDANCE WITH NFPA 14 AND THE CITY OF PORTLAND FIRE DEPT.

FIRE SUPPRESSION SYSTEM LEGEND

- FIRE DEPT. CONNECTION (STORZ)
- SPRINKLER SYSTEM WET RISER
- ESPK- EXISTING FIRE SPRINKLER PIPING
- SPK- NEW FIRE SPRINKLER PIPING
- ESP- EXISTING STAND PIPE PIPING
- SP- NEW STAND PIPE PIPING

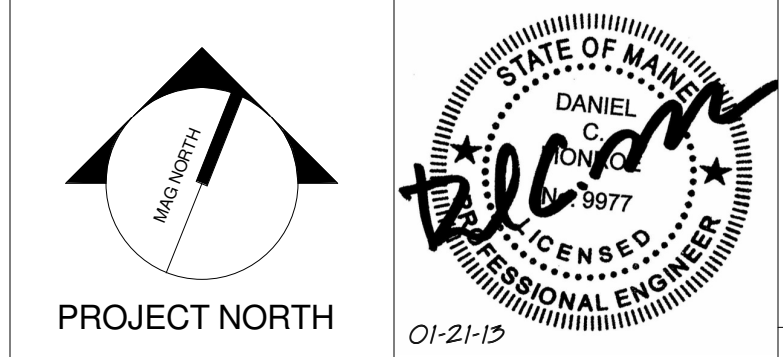
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 SPRINKLER SYSTEMS INC. SHOP DRAWINGS
 DATED: 6-17-1994



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**CONSTRUCTION DOCUMENTS
01-21-2013**

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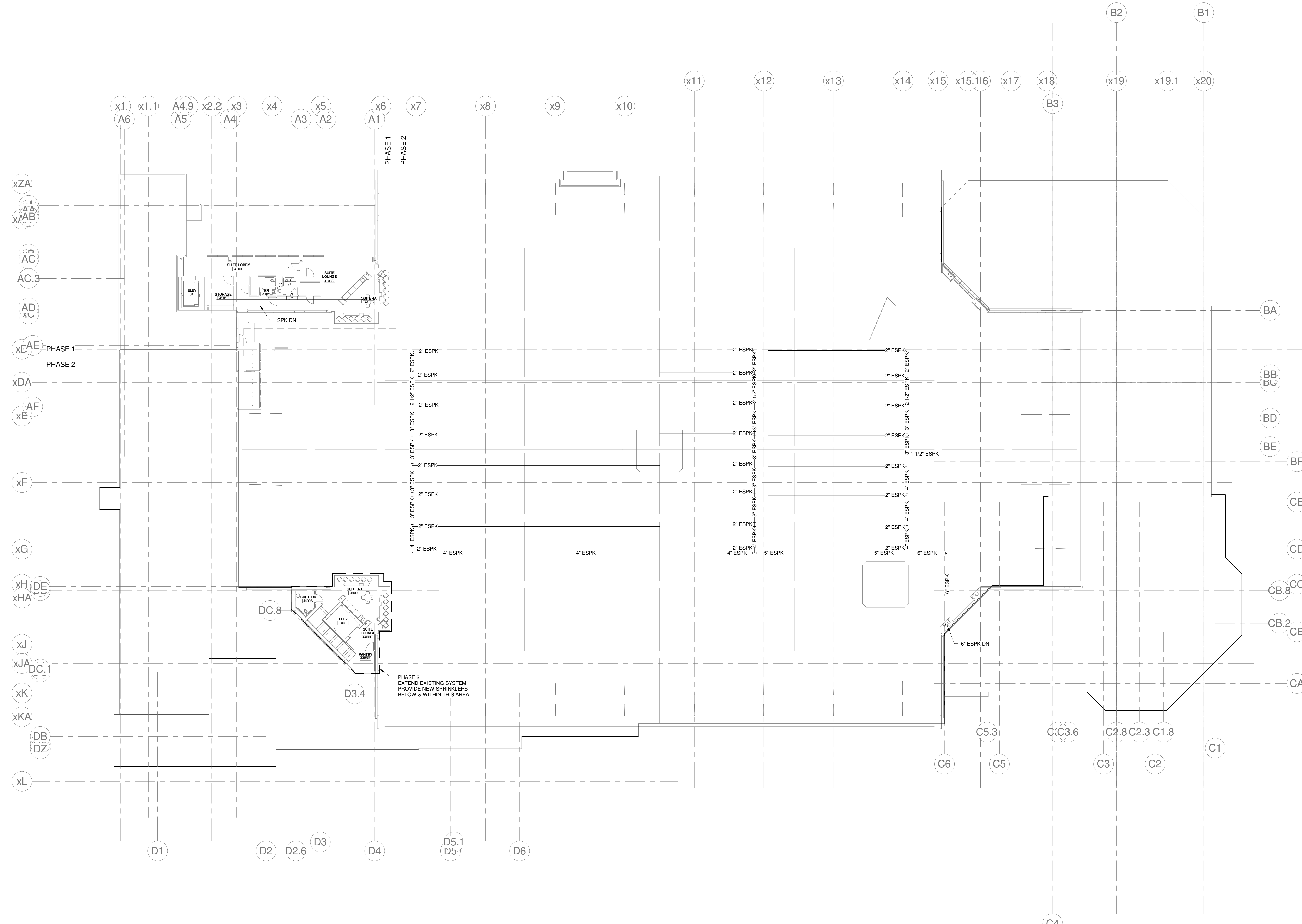


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
UPPER SUITES FIRE PROTECTION PLAN - PHASE 2

SHEET TITLE:	UPPER SUITES FIRE PROTECTION PLAN - PHASE 2
WBRC CAD FILE:	375700 - 0200 Plumbing.dwg
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	FP2.40B



1 UPPER SUITES FIRE PROTECTION PLAN - PHASE 2
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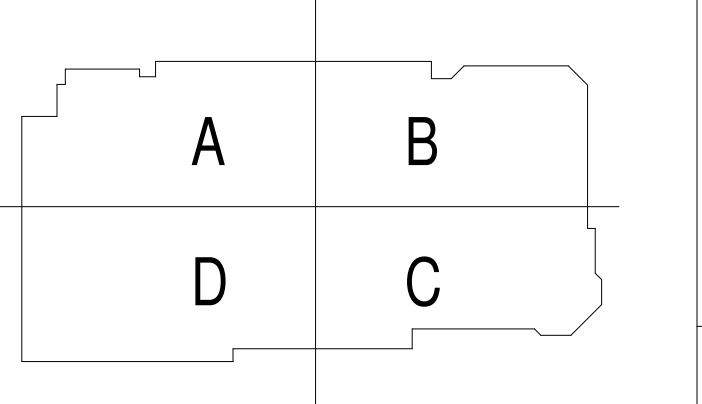
- REFER TO DIVISION 21 SPECIFICATIONS.
- RENOVATED AREAS OF FACILITY AND NEW AREAS OF WORK SHALL BE PROVIDED W/ A FIRE SPRINKLER SYSTEM, IN ACCORDANCE W/ THE NFPA 13 & THE STATE OF MAINE FIRE MARSHAL'S OFFICE. A WET SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL HEATED AREAS & SPACES. A GLYCOL SYSTEM SHALL BE PROVIDED FOR PROTECTION OF ALL NON-HEATED AREAS & SPACES, SUSCEPTIBLE TO FREEZING (EXTERIOR CANOPIES, ETC.)
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- PROVIDE SPRINKLER COVERAGE OVER ALL CABLE TRAYS. COORDINATE WITH ELECTRICAL ALL CABLE TRAY LOCATIONS.
- FACILITY IS PROVIDED WITH A STANDPIPE SYSTEM. EXTEND AND MAINTAIN IN ACCORDANCE WITH NFPA 14 AND THE CITY OF PORTLAND FIRE DEPT.

FIRE SUPPRESSION SYSTEM LEGEND

- FIRE DEPT. CONNECTION (STORZ)
- SPRINKLER SYSTEM WET RISER
- EXISTING FIRE SPRINKLER PIPING
- NEW FIRE SPRINKLER PIPING
- EXISTING STAND PIPE PIPING
- NEW STAND PIPE PIPING

REFERENCE:

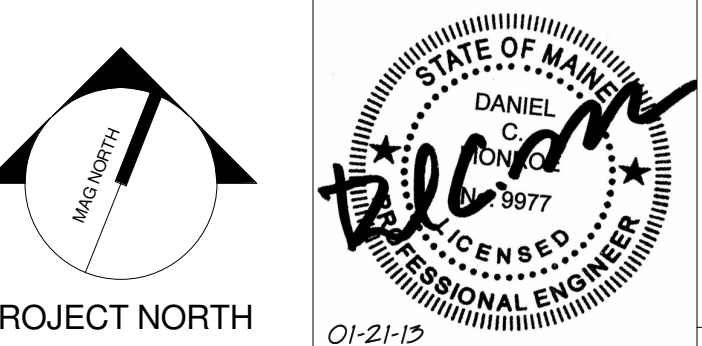
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- SPRINKLER SYSTEMS INC. SHOP DRAWINGS DATED: 6-17-1994



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CONSTRUCTION DOCUMENTS 01-21-2013

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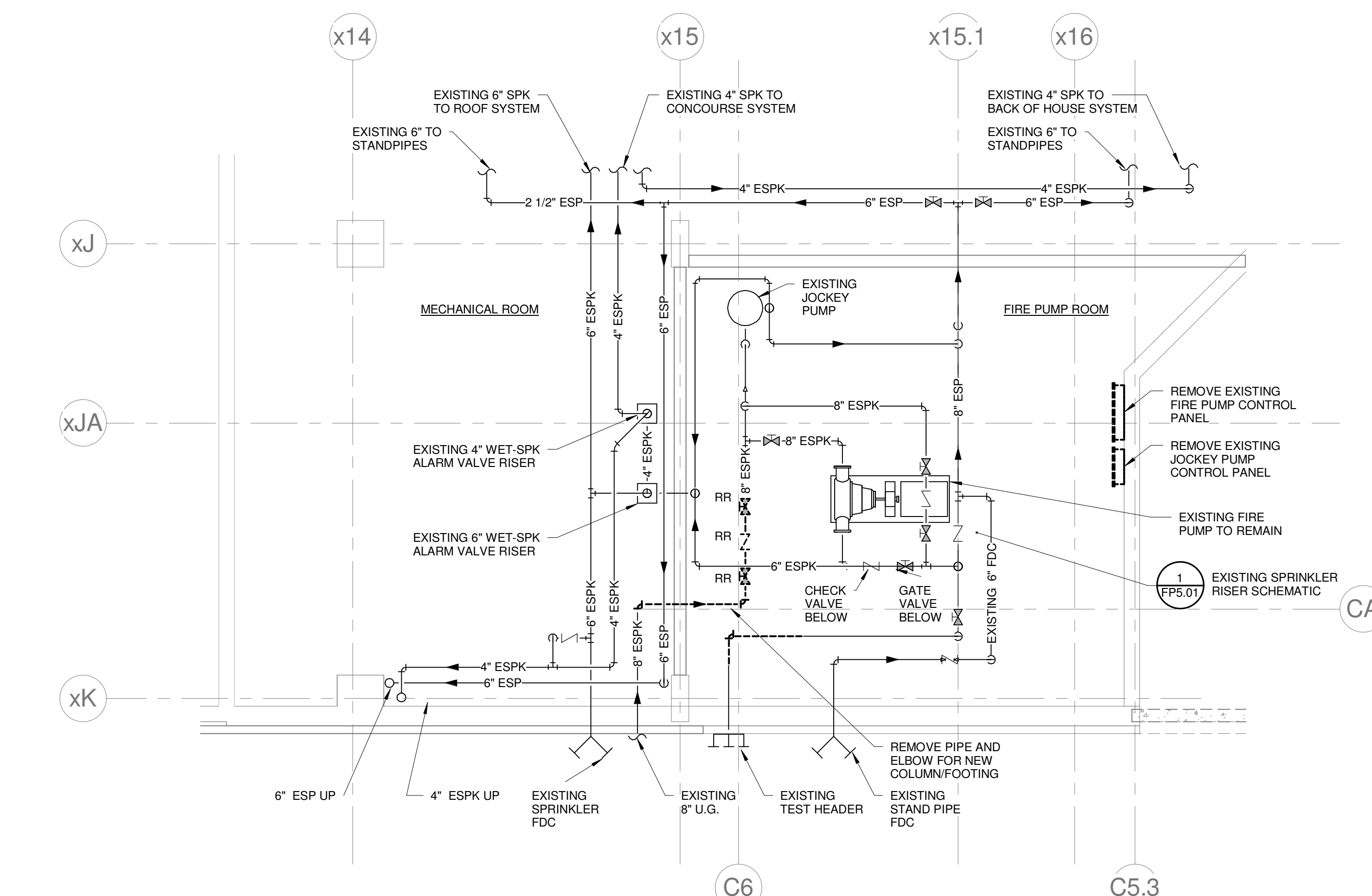
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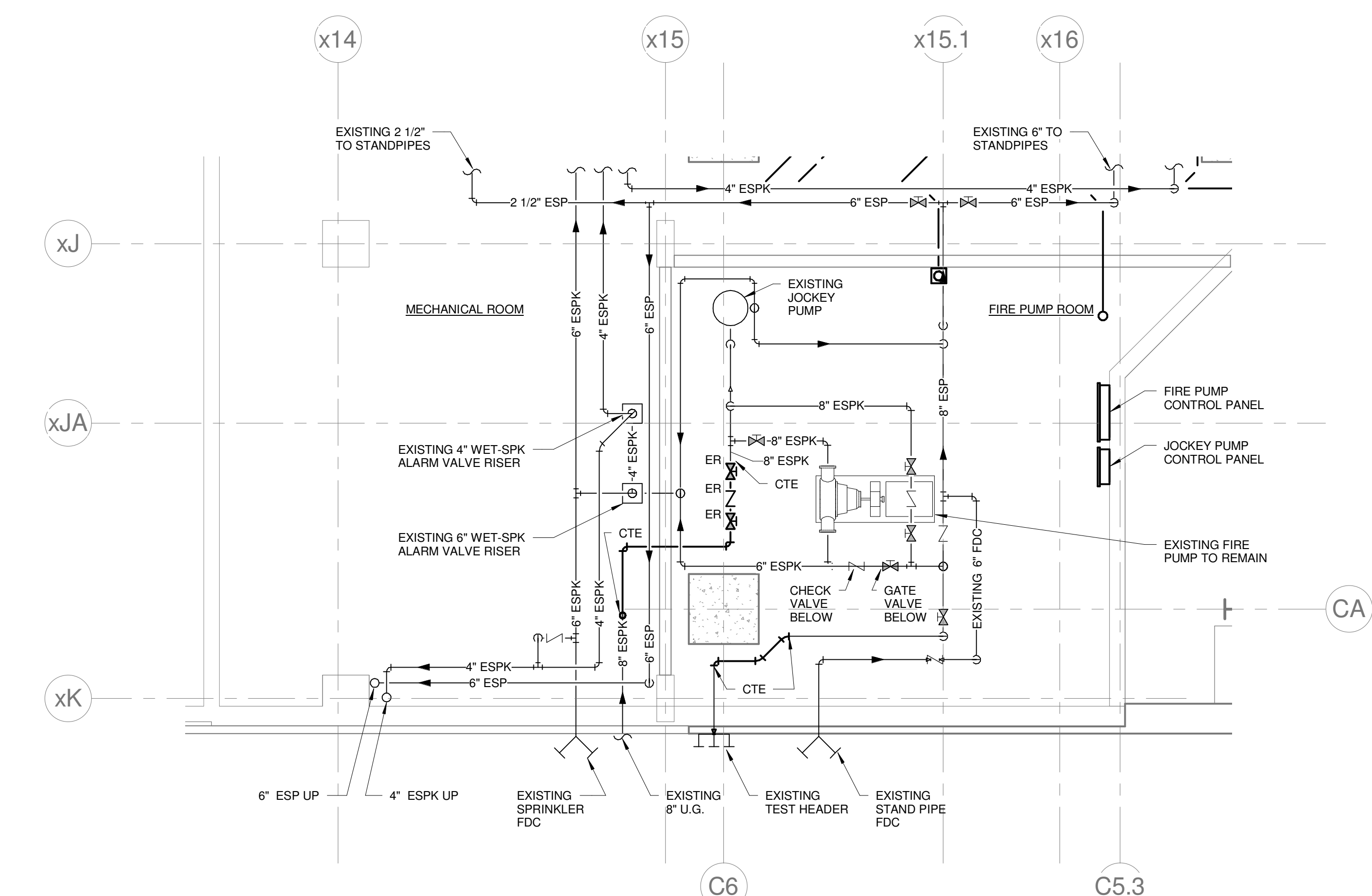
CUMBERLAND COUNTY CIVIC CENTER RENOVATION

FIRE PROTECTION RISER DIAGRAMS & ENLARGED PLANS

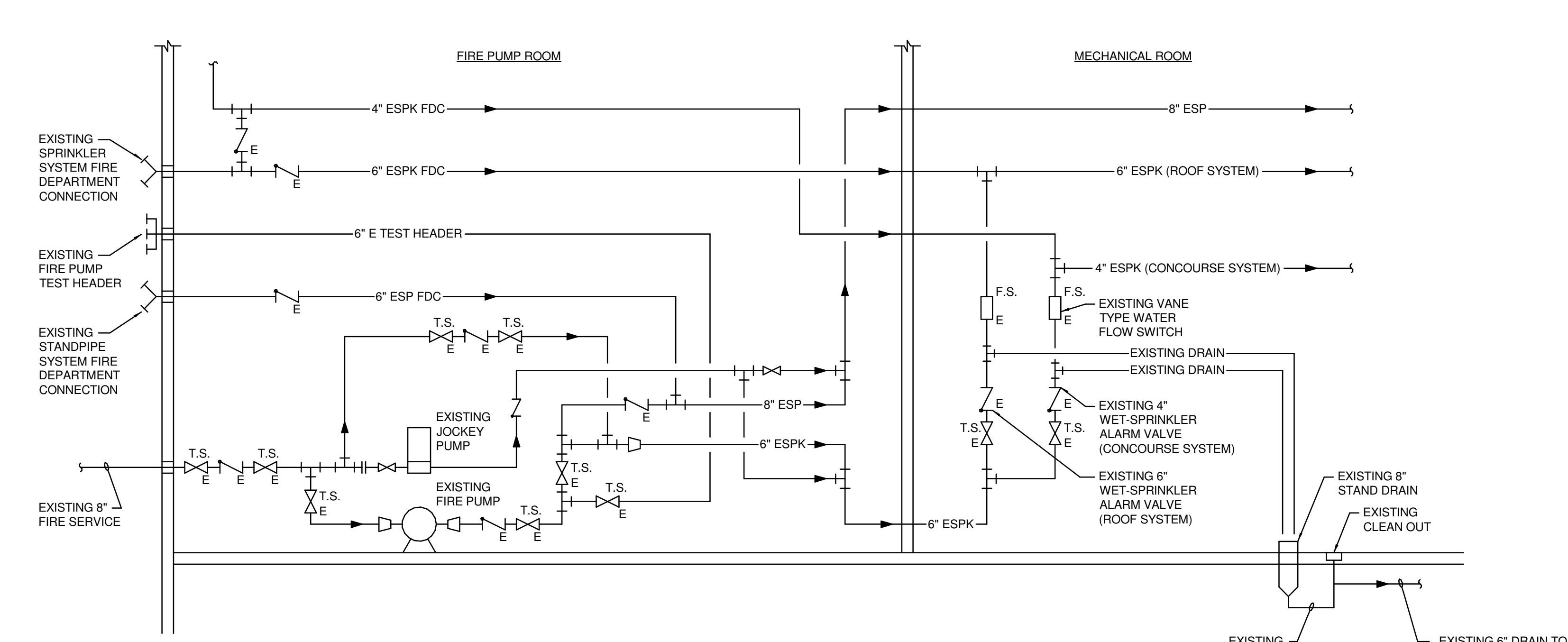
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PROJECT No.:	3757.00 GRAPHIC SCALE: 1" = 1'-0"
SCALE:	AS NOTED
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	FP5.01



3 PART PLAN - FIRE PUMP ROOM DEMO
1/4" = 1'-0"



2 PART PLAN - FIRE PUMP ROOM
1/4" = 1'-0"



1 EXISTING SPRINKLER RISER SCHEMATIC
NOT TO SCALE

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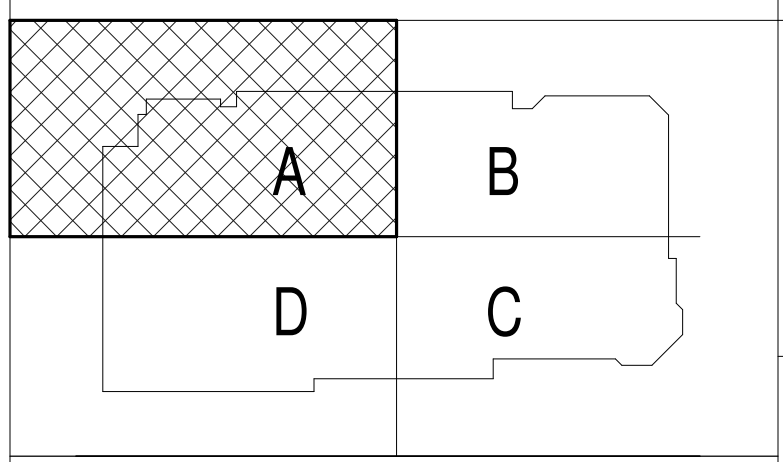
GENERAL NOTES:

- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

- REMOVE EXISTING FLOOR DRAIN. REPLACE WITH NEW & CONNECT TO EXISTING PIPING.
- REPAIR OR REPLACE DAMAGED OR MISSING INSULATION.
- REMOVE EXISTING & CAP PIPING BELOW FINISHED SURFACE.

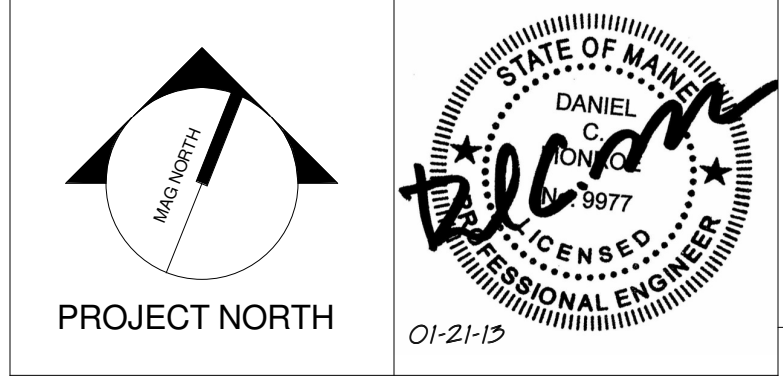
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2	NW ENTRY CONSTRUCTION DOCS	10-31-2012
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CONSTRUCTION DOCUMENTS
01-21-2013

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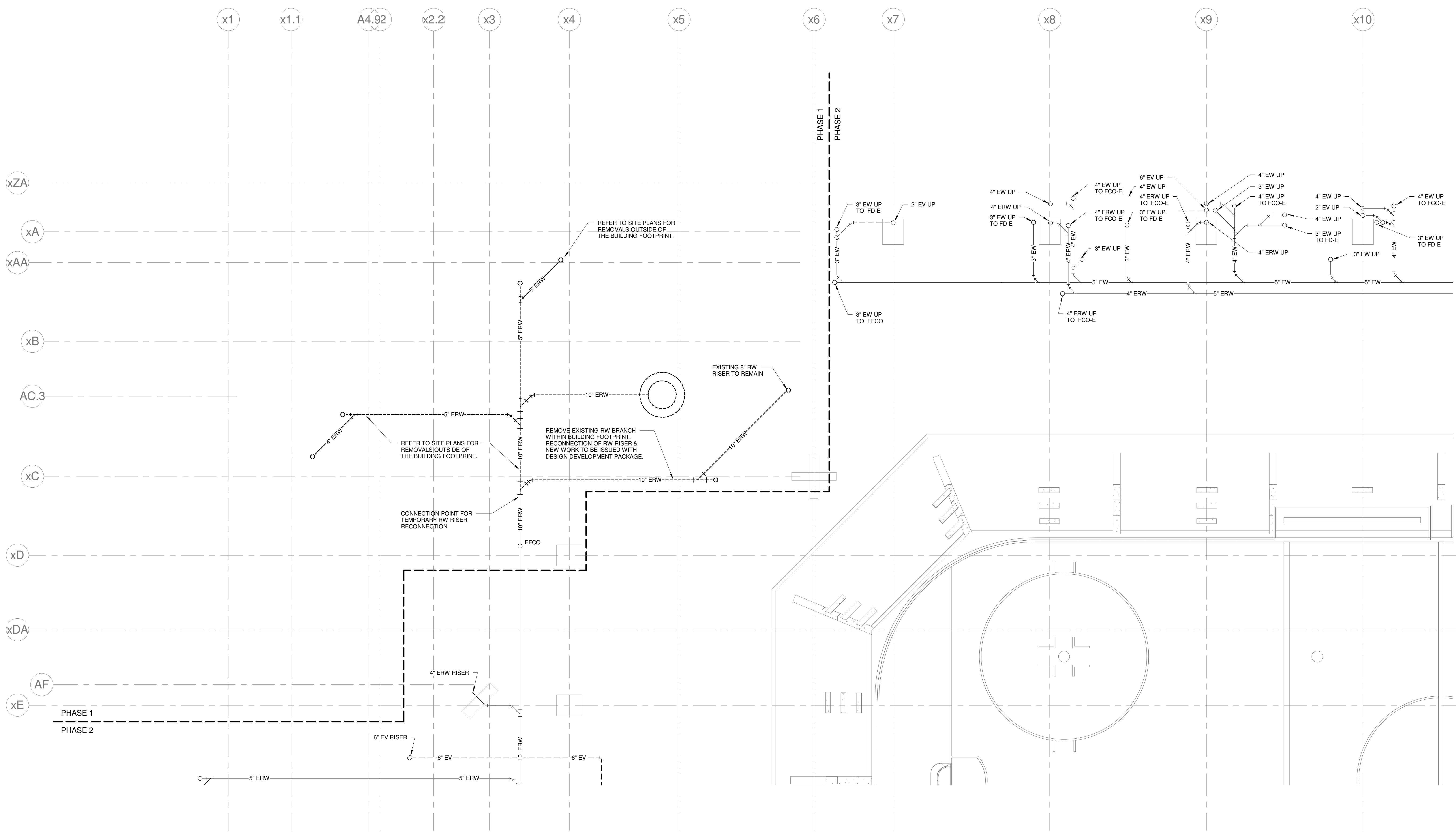


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL PLUMBING REMOVALS PLAN - QUAD A - PHASE 1

SHEET TITLE:	EVENT LEVEL PLUMBING REMOVALS PLAN - QUAD A - PHASE 1
WBRC CAD FILE:	375700 - 0000 Plumbing.dwg
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	PD2.11A



1 EVENT LEVEL PLUMBING REMOVALS PLAN - QUAD A - PHASE 1
1/8" = 1'-0"

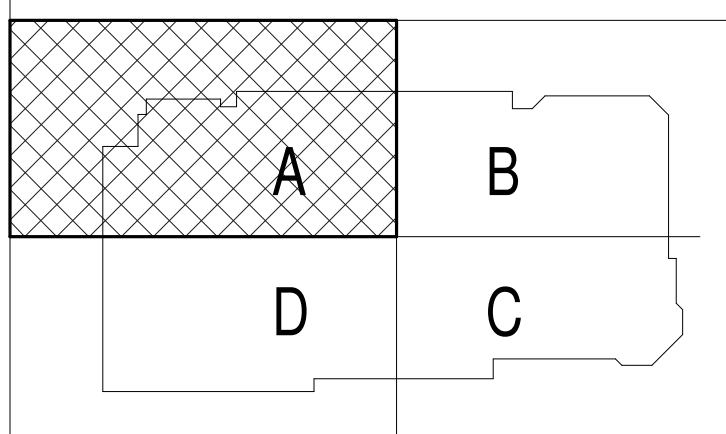
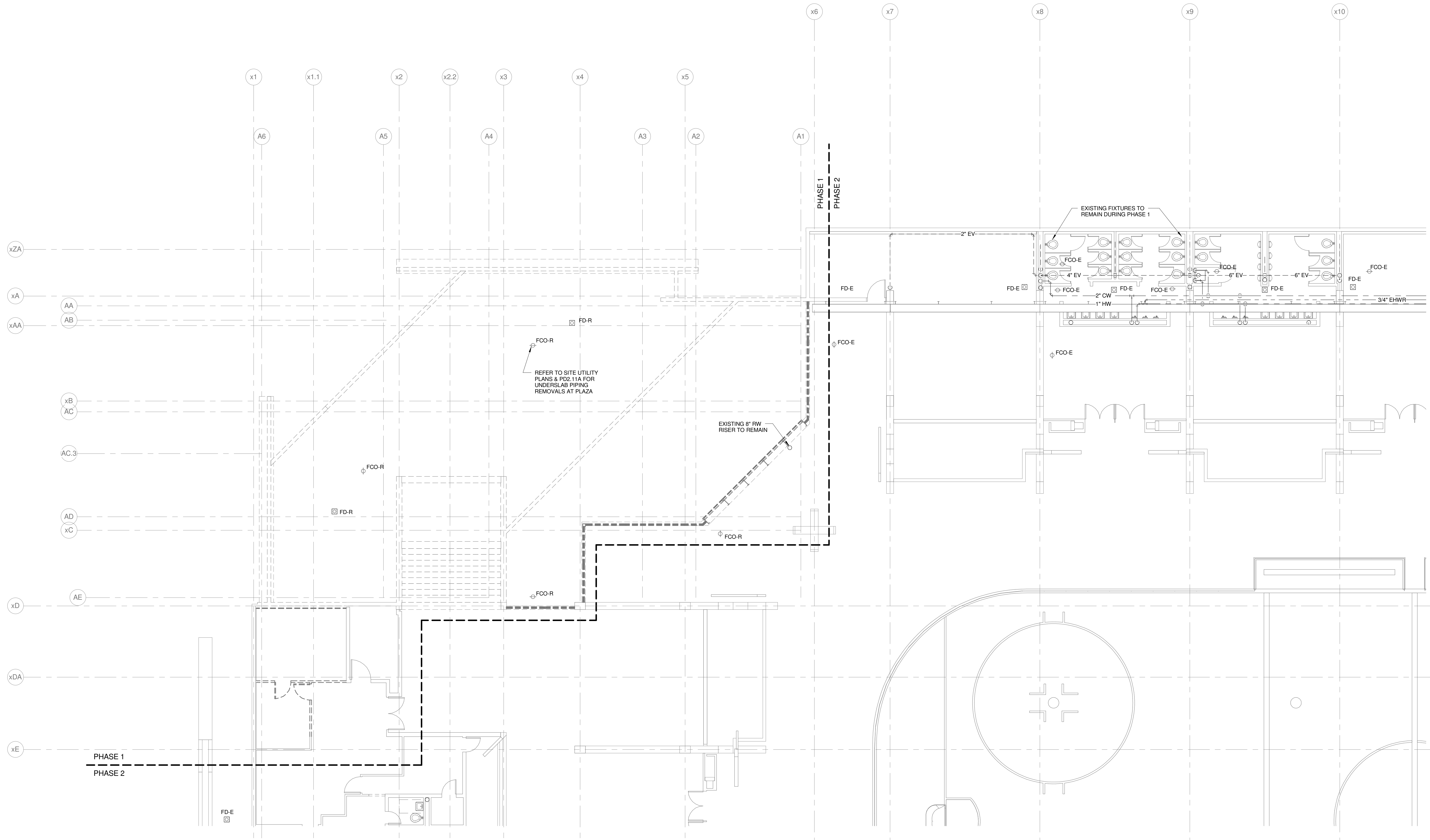
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GENERAL NOTES:

- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
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- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

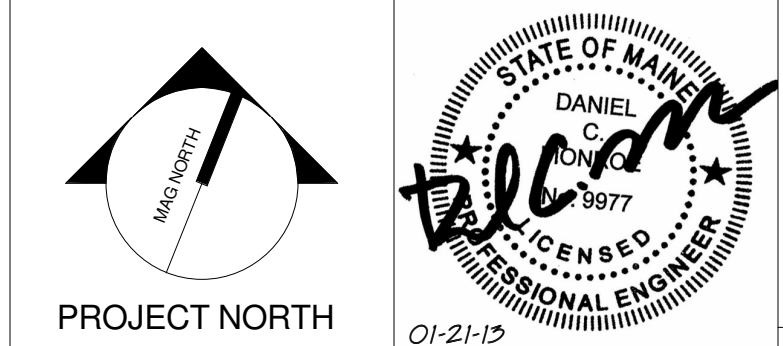
- REMOVE EXISTING FLOOR DRAIN. REPLACE WITH NEW & CONNECT TO EXISTING PIPING.
- REPAIR OR REPLACE DAMAGED OR MISSING INSULATION.
- REMOVE EXISTING & CAP PIPING BELOW FINISHED SURFACE.



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1	CONSTRUCTION DOCUMENTS	01-21-2013
0	NW ENTRY CONSTRUCTION DOCS	10-31-2012

CONSTRUCTION DOCUMENTS
01-21-2013

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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
CONCOURSE LEVEL PLUMBING REMOVALS PLAN - QUAD A - PHASE 1

SHEET TITLE:	CONCOURSE LEVEL PLUMBING REMOVALS PLAN - QUAD A - PHASE 1	
WBRC CAD FILE:	375700 - 0202 Plumbing.rvt	
PROJECT No.:	3757.00	GRAPHIC SCALE: 1" = 1'
SCALE:	As indicated	
PROJECT MANAGER:	JRB	SHEET No.:
DRAWN BY:	LAC	PD2.21A
CHECKED BY:	DMON	

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1/8" = 1'-0"

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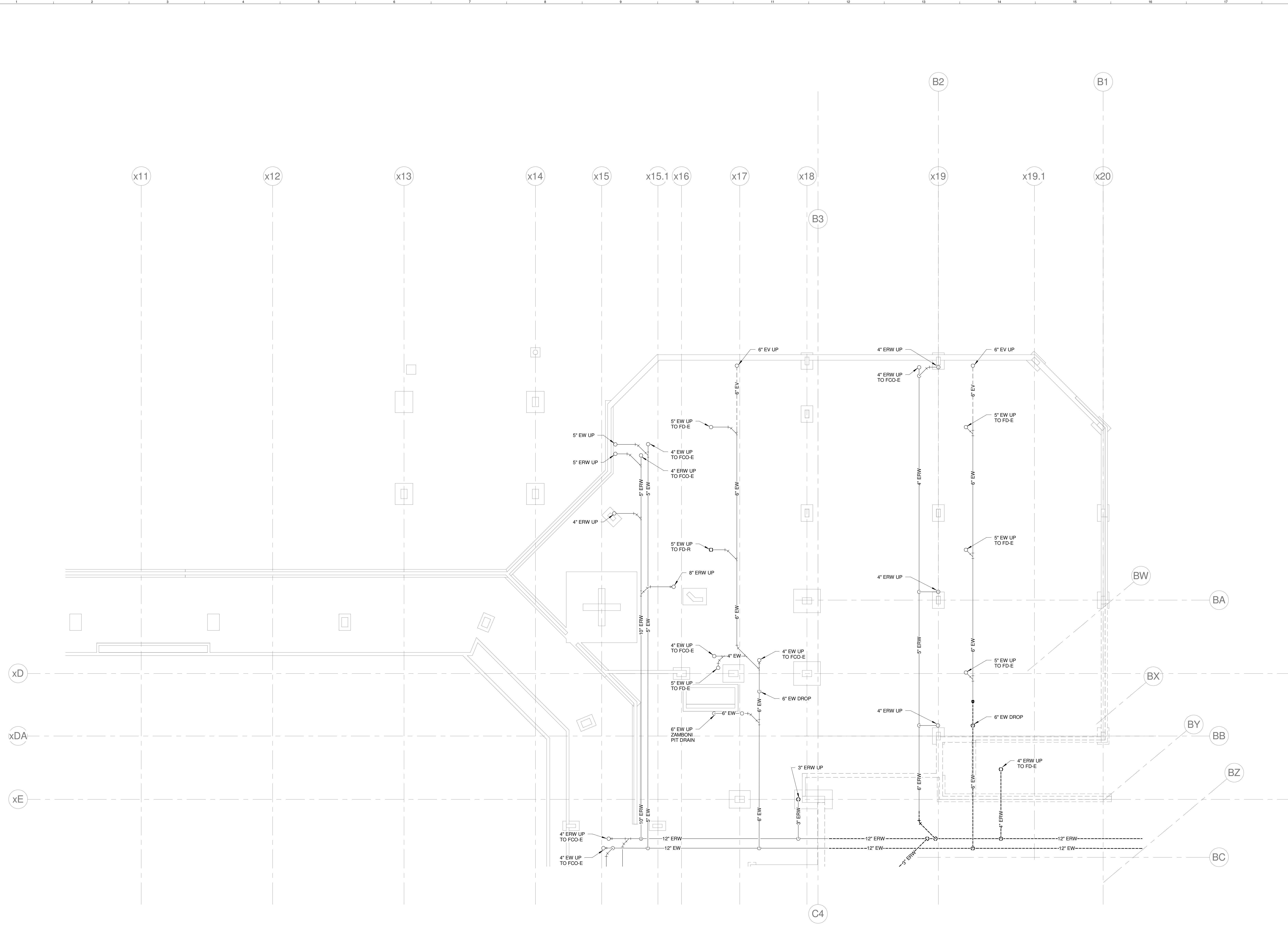
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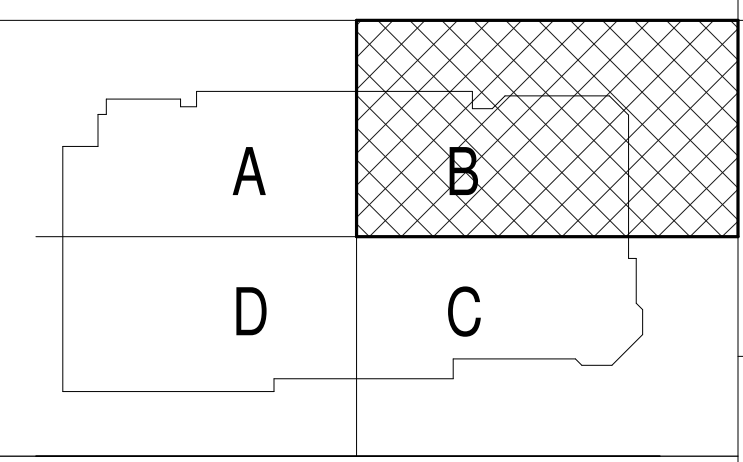
1. REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
2. INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
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4. PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
5. PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
6. PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
7. REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

- ① REMOVE EXISTING FLOOR DRAIN, REPLACE WITH NEW & CONNECT TO EXISTING PIPING.
- ② REPAIR OR REPLACE DAMAGED OR MISSING INSULATION.
- ③ REMOVE EXISTING & CAP PIPING BELOW FINISHED SURFACE.



1 EVENT LEVEL UNDERSLAB PLUMBING REMOVALS PLAN - QUAD B - PHASE 2
1/8" = 1'-0"



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL UNDERSLAB PLUMBING REMOVALS PLAN - QUAD B - PHASE 2

SHEET TITLE:	WBRC CAD FILE:	375700 - 0202 Plumbing.rvt
PROJECT No.:	3757.00	GRAPHIC SCALE: 1" = 1'-0"
SCALE:	As indicated	
PROJECT MANAGER:	JRB	SHEET No.:
DRAWN BY:	LAC	PD2.02B
CHECKED BY:	DMON	

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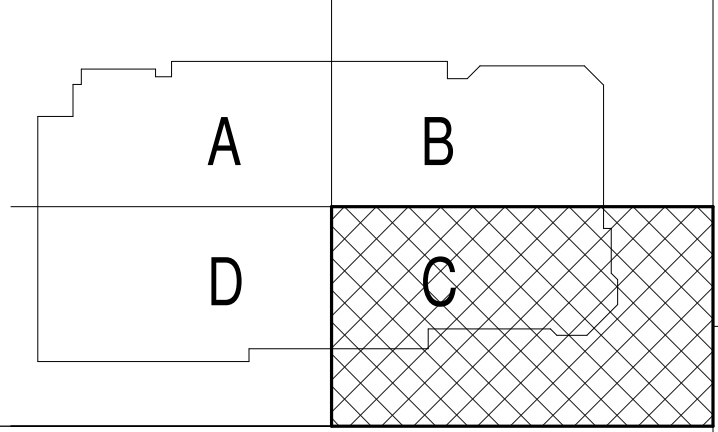
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GENERAL NOTES:

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TECHNICAL NOTES:

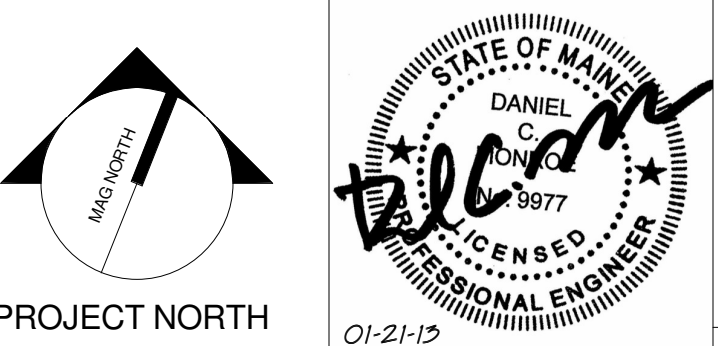
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- REPAIR OR REPLACE DAMAGED OR MISSING INSULATION.
- REMOVE EXISTING & CAP PIPING BELOW FINISHED SURFACE.



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CURRENT ISSUE STATUS:



CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
MECH LEVEL UNDERSLAB PLUMBING REMOVALS PLAN - QUAD C - PHASE 2

SHEET TITLE:	375700 - CCCC Plumbing.dwg
WBRC CAD FILE:	375700 - CCCC Plumbing.dwg
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	PD2.031B

1 MECHANICAL LEVEL UNDERSLAB PLUMBING REMOVALS PLAN - QUAD C - PHASE 2
 1/8" = 1'-0"

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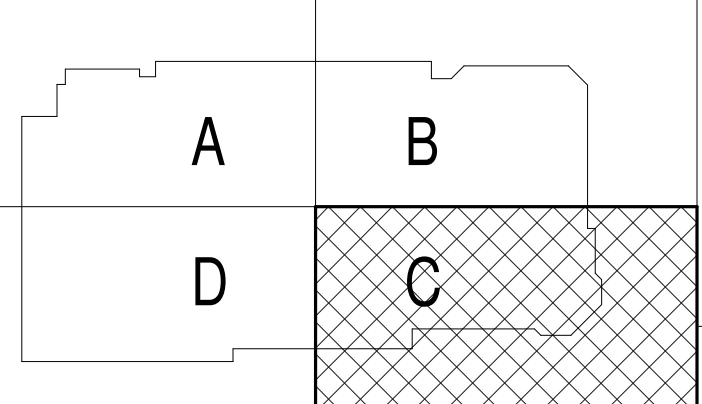
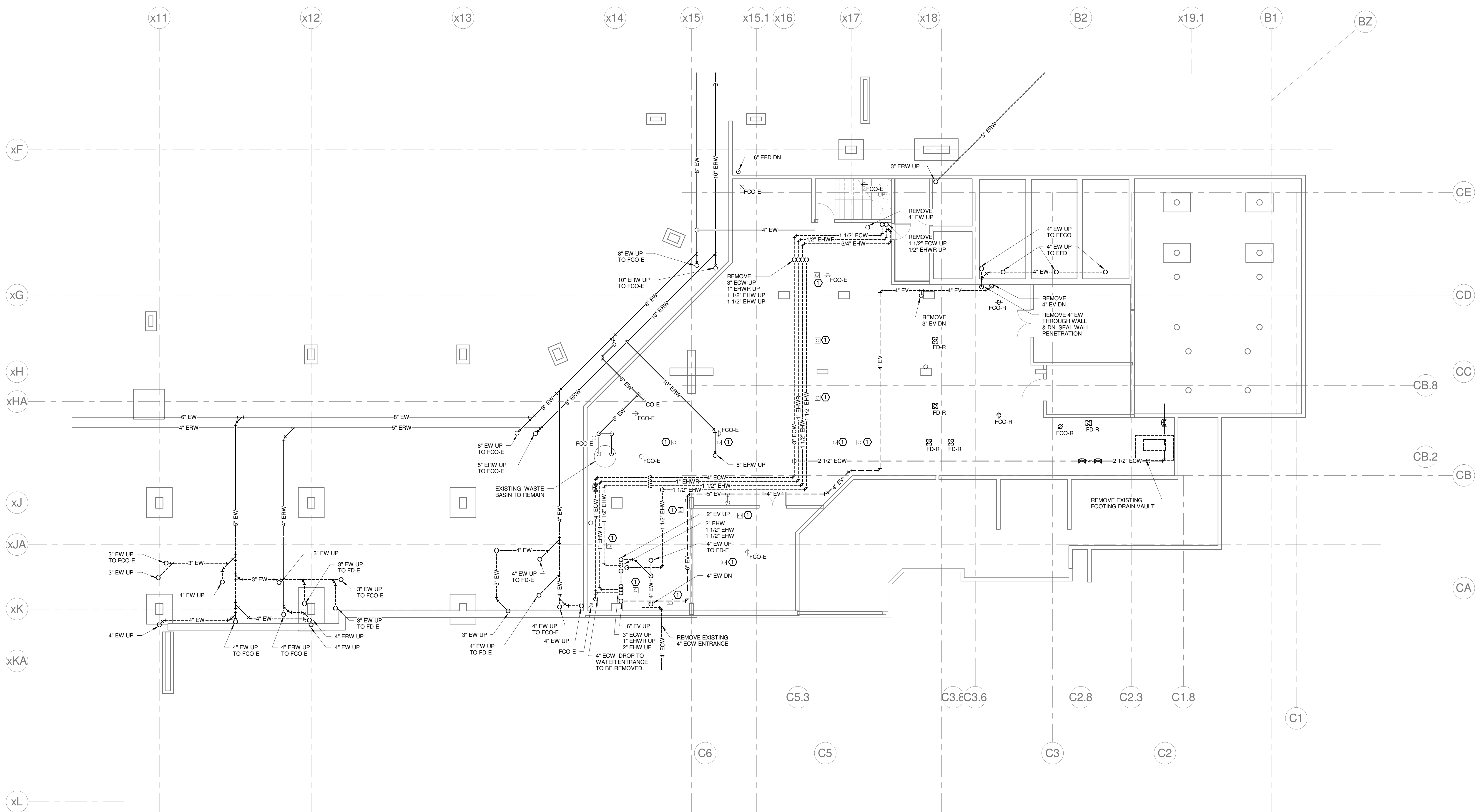
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TECHNICAL NOTES:

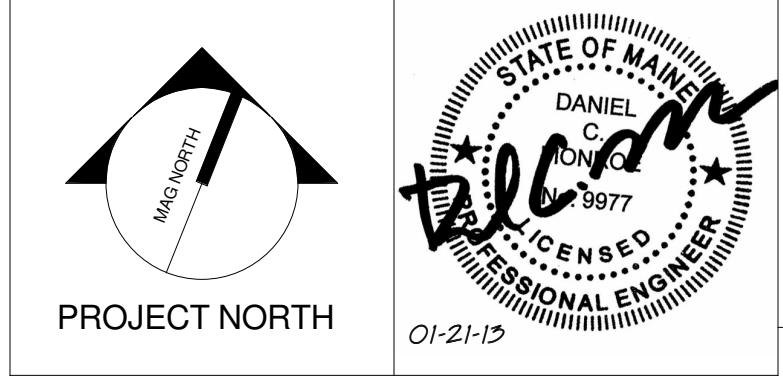
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
**MECHANICAL LEVEL
PLUMBING REMOVALS PLAN -
QUAD C - PHASE 2**

SHEET TITLE:	WBRC CAD FILE: 375700 - CCCC Plumbing
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	PD2.032B

1 MECHANICAL LEVEL UNDERSLAB PLUMBING REMOVALS PLAN - QUAD C - PHASE 2
1/8" = 1'-0"

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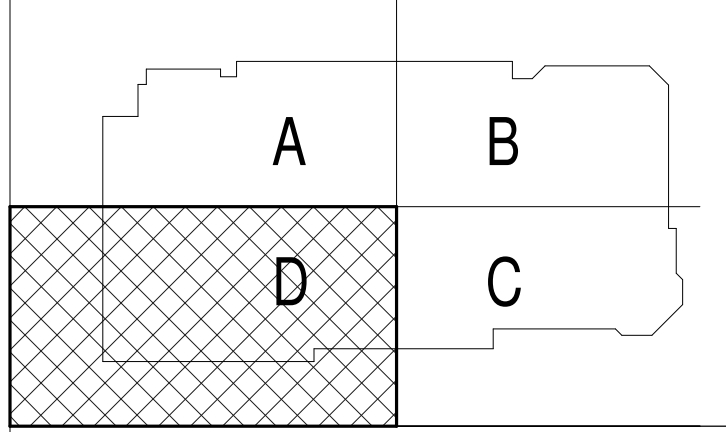
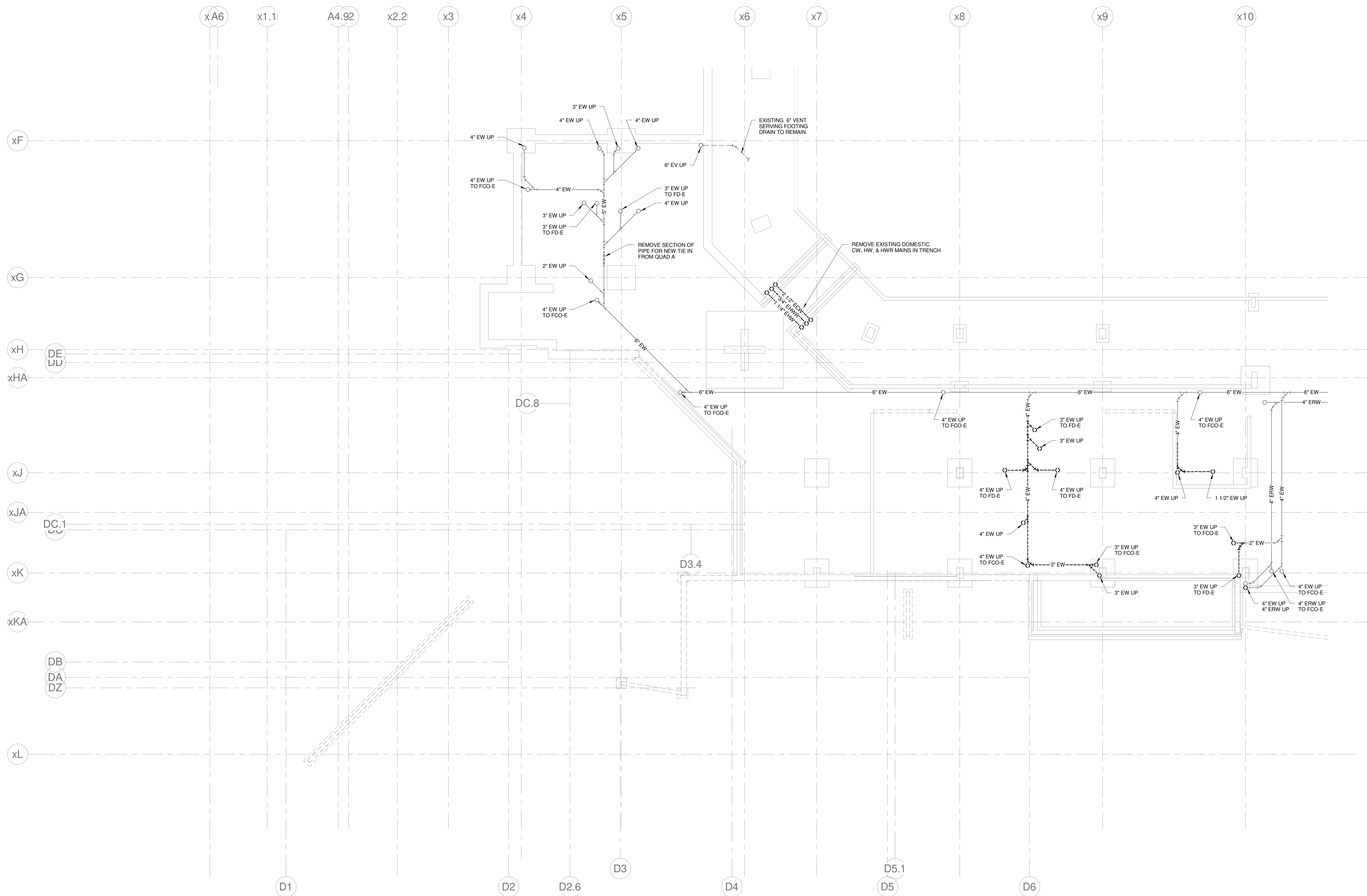
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TECHNICAL NOTES:

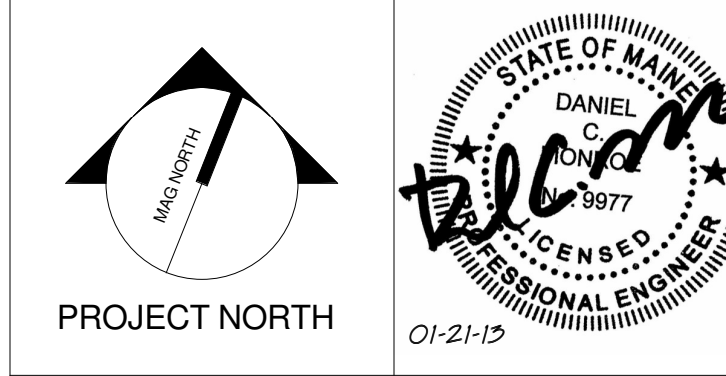
- REMOVE EXISTING FLOOR DRAIN, REPLACE WITH NEW & CONNECT TO EXISTING PIPING.
- REPAIR OR REPLACE DAMAGED OR MISSING INSULATION.
- REMOVE EXISTING & CAP PIPING BELOW FINISHED SURFACE.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL UNDERSLAB PLUMBING REMOVALS PLAN - QUAD D - PHASE 2

SHEET TITLE:	375700 - 0202 Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	PD2.04B

1 EVENT LEVEL UNDERSLAB PLUMBING REMOVALS PLAN - QUAD D - PHASE 2
1/8" = 1'-0"

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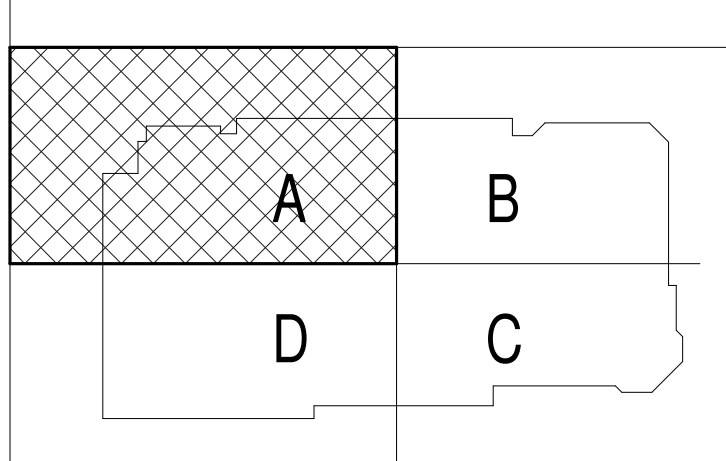
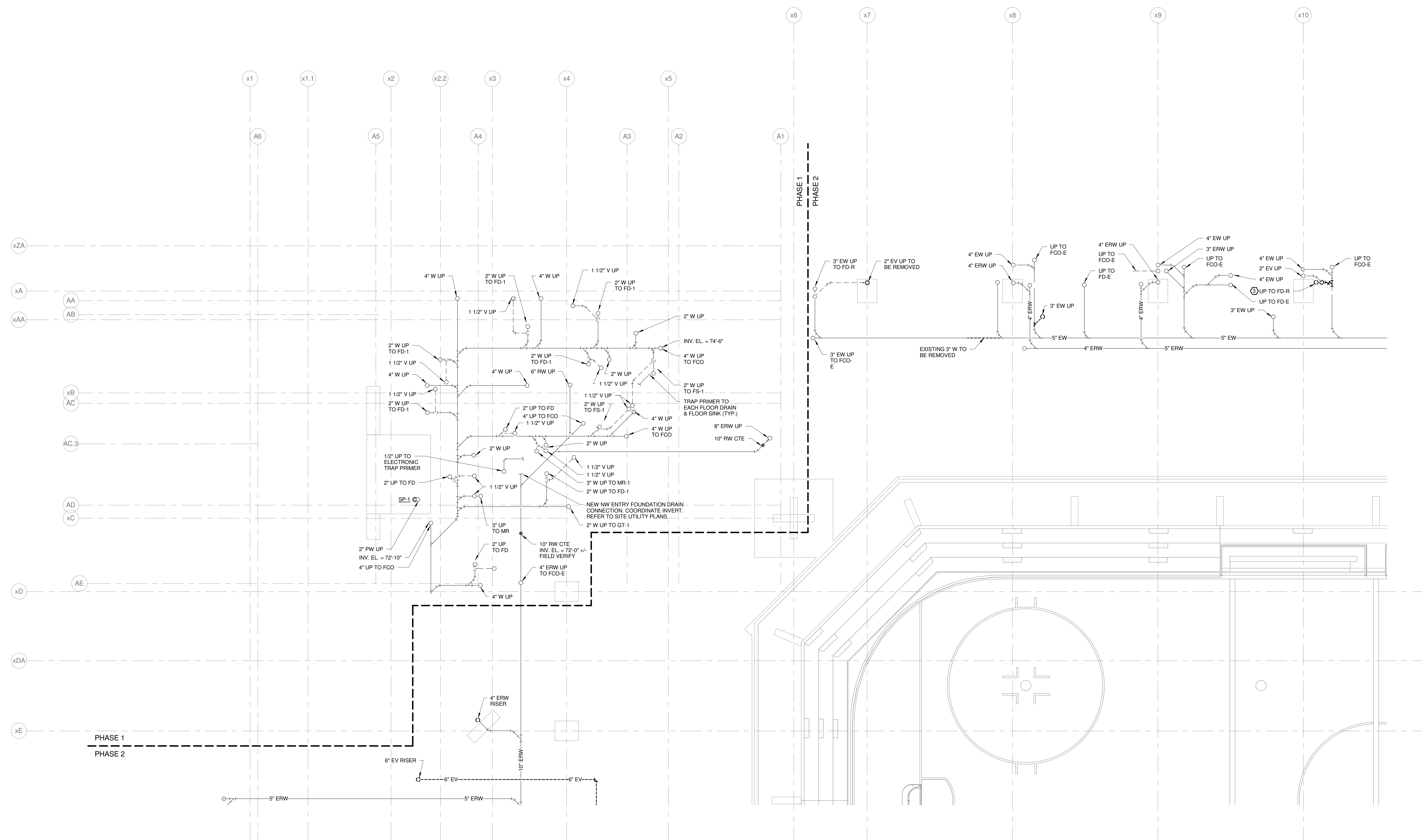
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TECHNICAL NOTES:

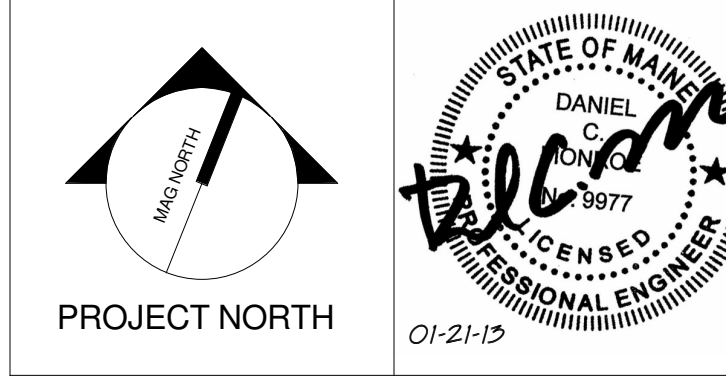
- REMOVE EXISTING FLOOR DRAIN. REPLACE WITH NEW & CONNECT TO EXISTING PIPING.
- REPAIR OR REPLACE DAMAGED OR MISSING INSULATION.
- REMOVE EXISTING & GAP PIPING BELOW FINISHED SURFACE.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL PLUMBING REMOVALS PLAN - QUAD A - PHASE 2

SHEET TITLE:	WBRC CAD FILE:	375700 - 0202 Plumbing.rvt
PROJECT No.:	3757.00	GRAPHIC SCALE: 0"
SCALE:	As indicated	1"
PROJECT MANAGER:	JRB	SHEET No.:
DRAWN BY:	LAC	PD2.11B
CHECKED BY:	DMON	

1 EVENT LEVEL PLUMBING REMOVALS PLAN - QUAD 1 - PHASE 2
1/8" = 1'-0"

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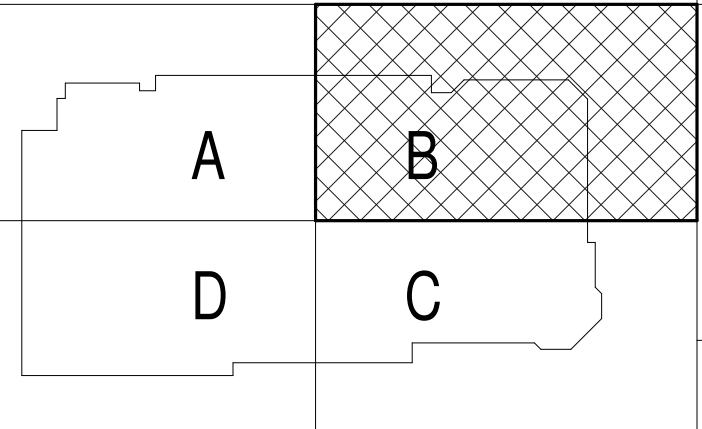
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TECHNICAL NOTES:

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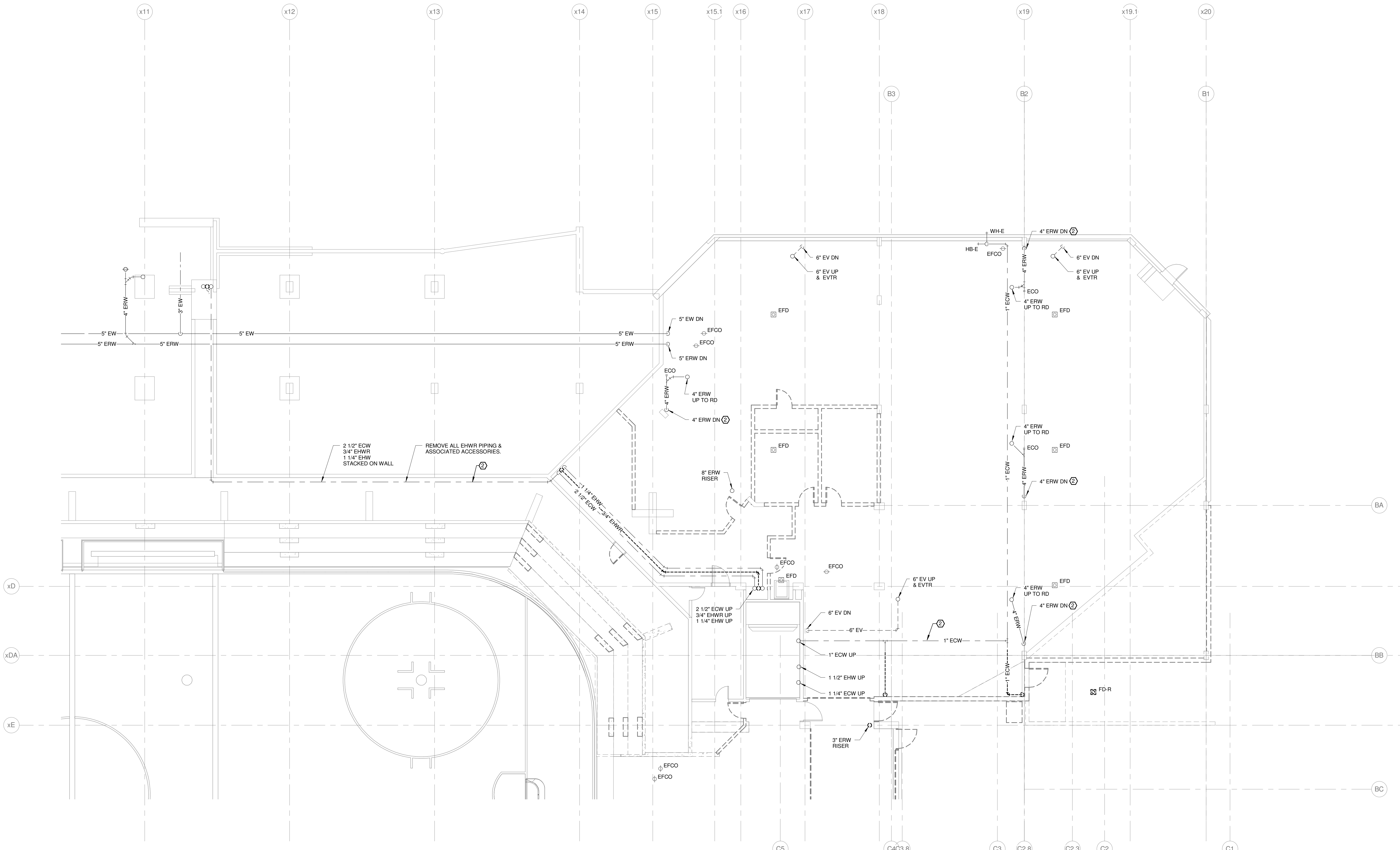


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL PLUMBING REMOVALS PLAN - QUAD B - PHASE 2

SHEET TITLE:	WBRC CAD FILE:	375700 - CCCC Plumbing
PROJECT No.:	3757.00	GRAPHIC SCALE: 1" = 1'-0"
SCALE:	As indicated	
PROJECT MANAGER:	JRB	SHEET No.:
DRAWN BY:	LAC	PD2.12B
CHECKED BY:	DMON	



1 EVENT LEVEL PLUMBING REMOVALS PLAN - QUAD B - PHASE 2
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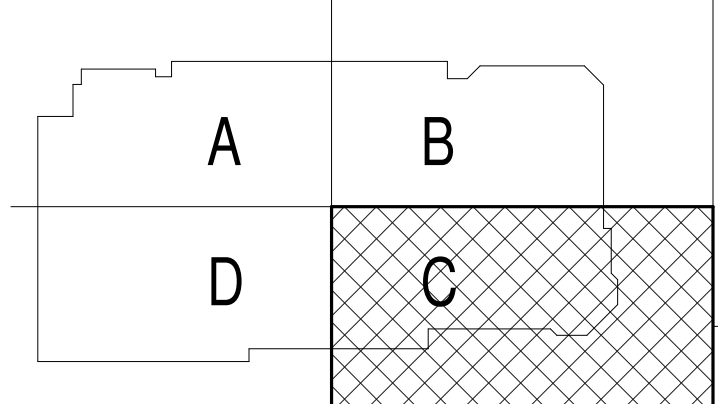
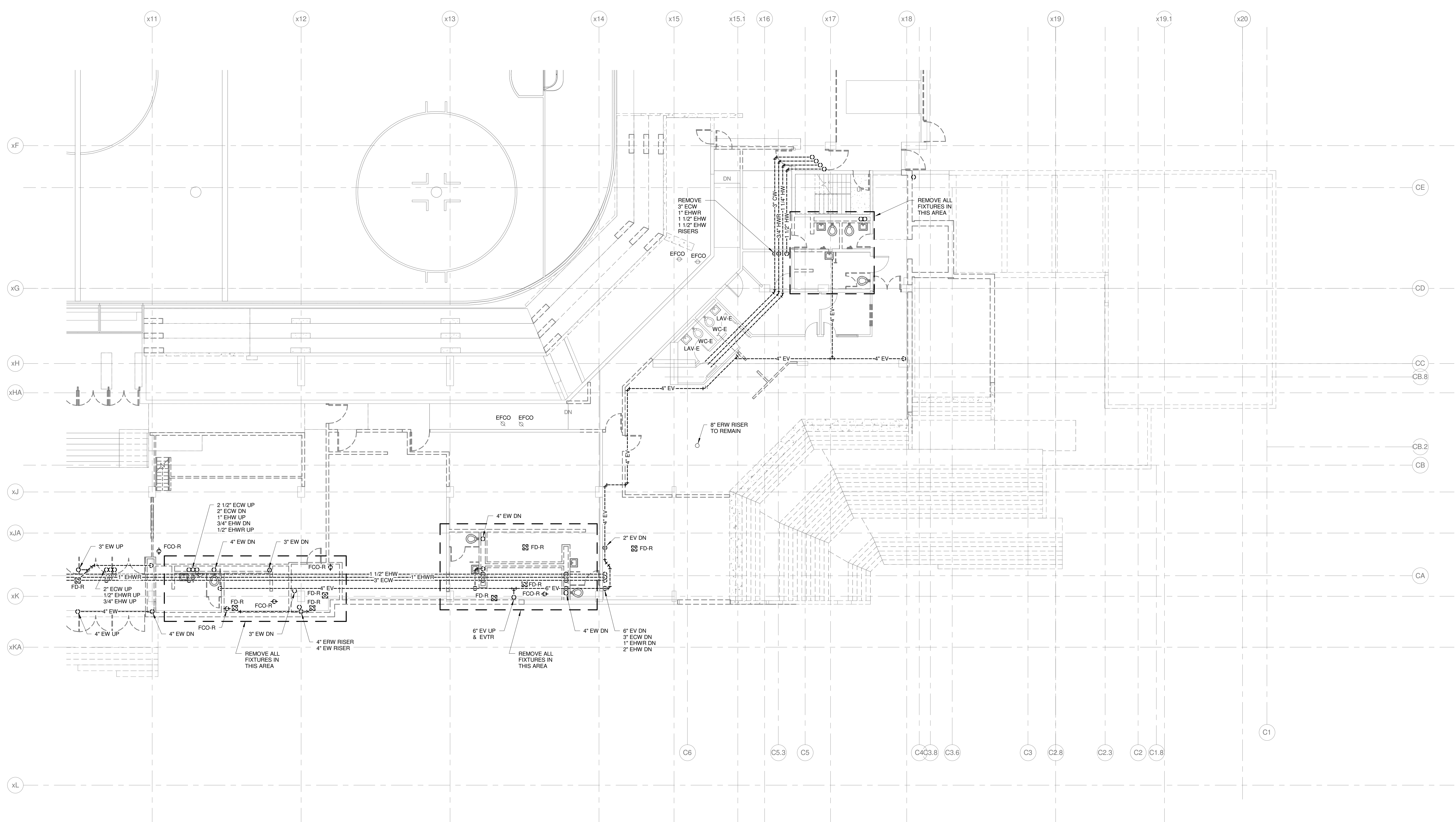
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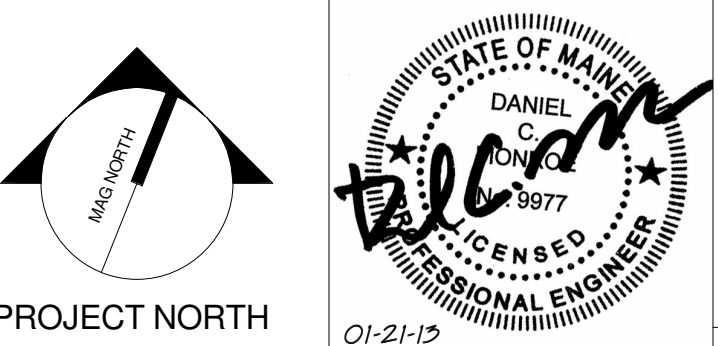
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL PLUMBING REMOVALS PLAN - QUAD C - PHASE 2

SHEET TITLE:	WBRC CAD FILE:	375700 - 0202 Plumbing.rvt
PROJECT No.:	3757.00	GRAPHIC SCALE: 1" = 1'
SCALE:	As indicated	
PROJECT MANAGER:	JRB	SHEET No.:
DRAWN BY:	LAC	PD2.13B
CHECKED BY:	DMON	

1 EVENT LEVEL PLUMBING REMOVALS PLAN - QUAD C - PHASE 2
1/8" = 1'-0"

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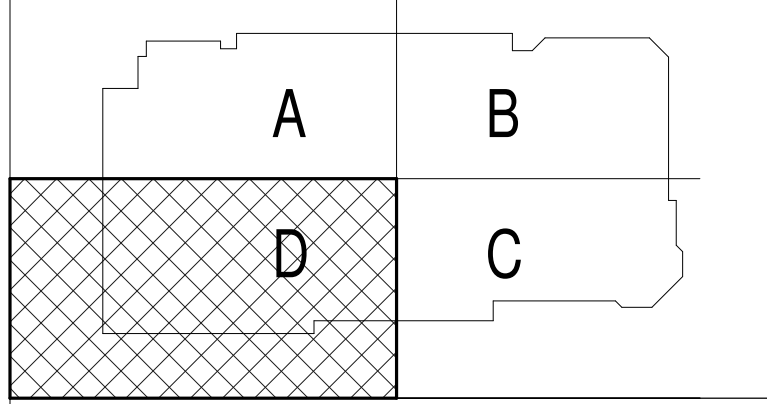
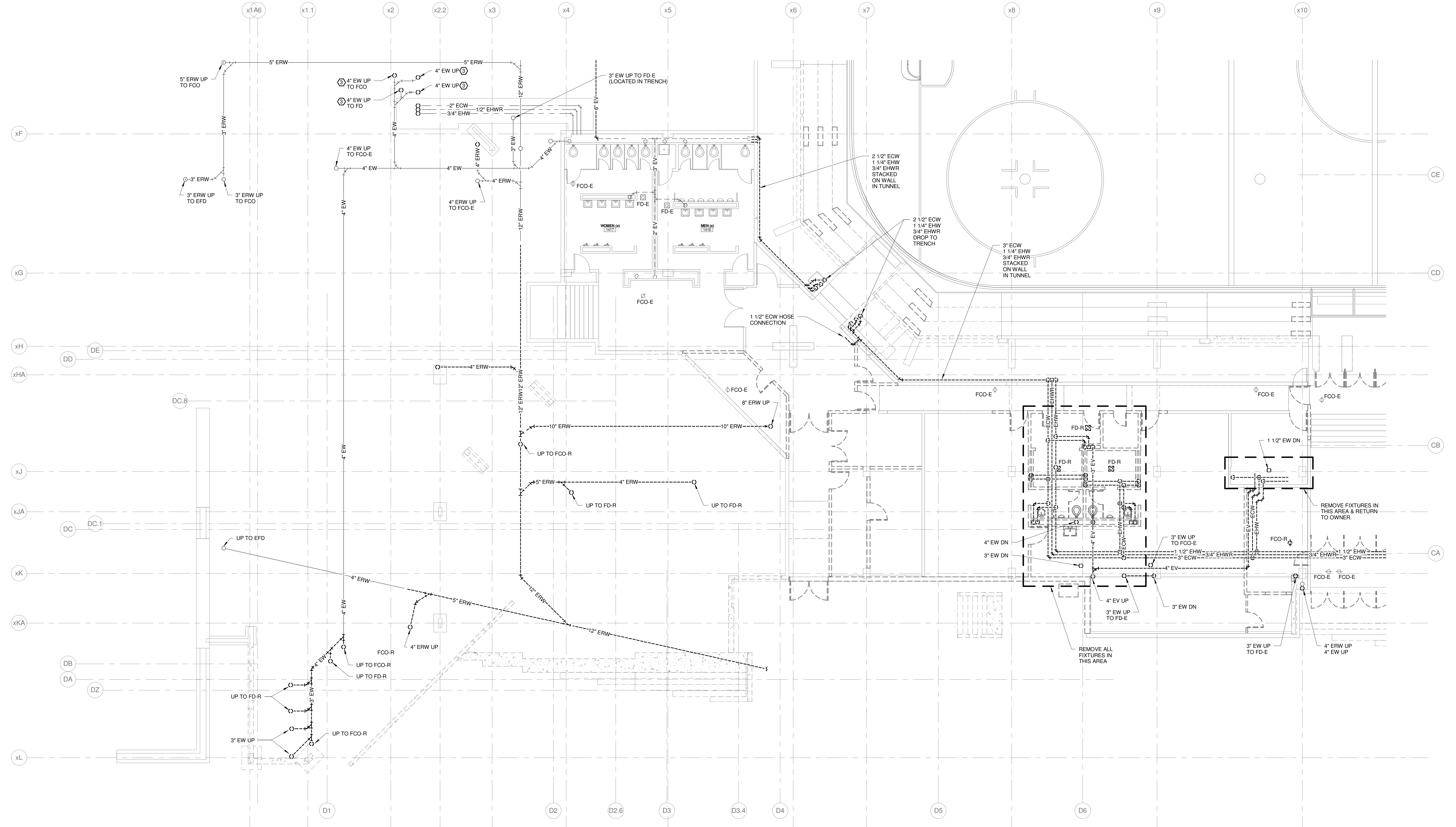
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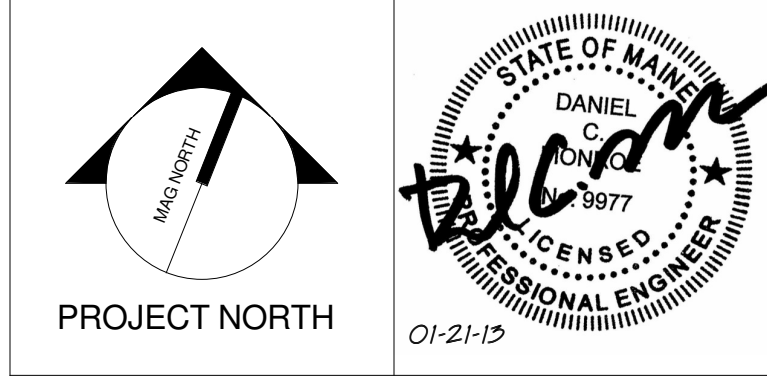
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL PLUMBING REMOVALS PLAN - QUAD D - PHASE 2

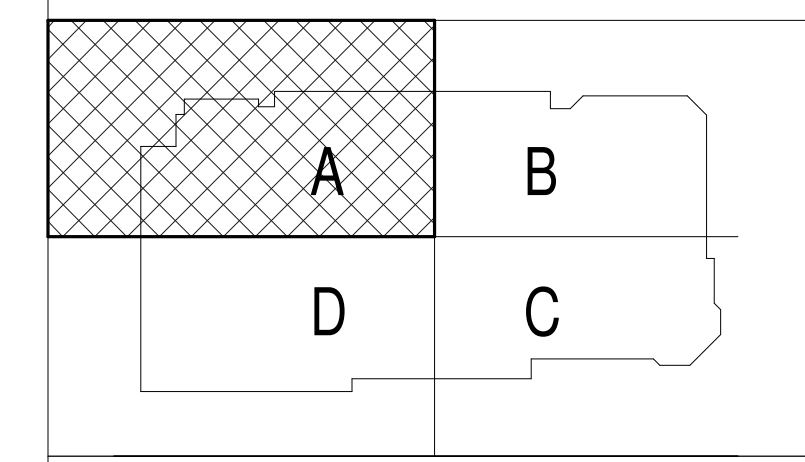
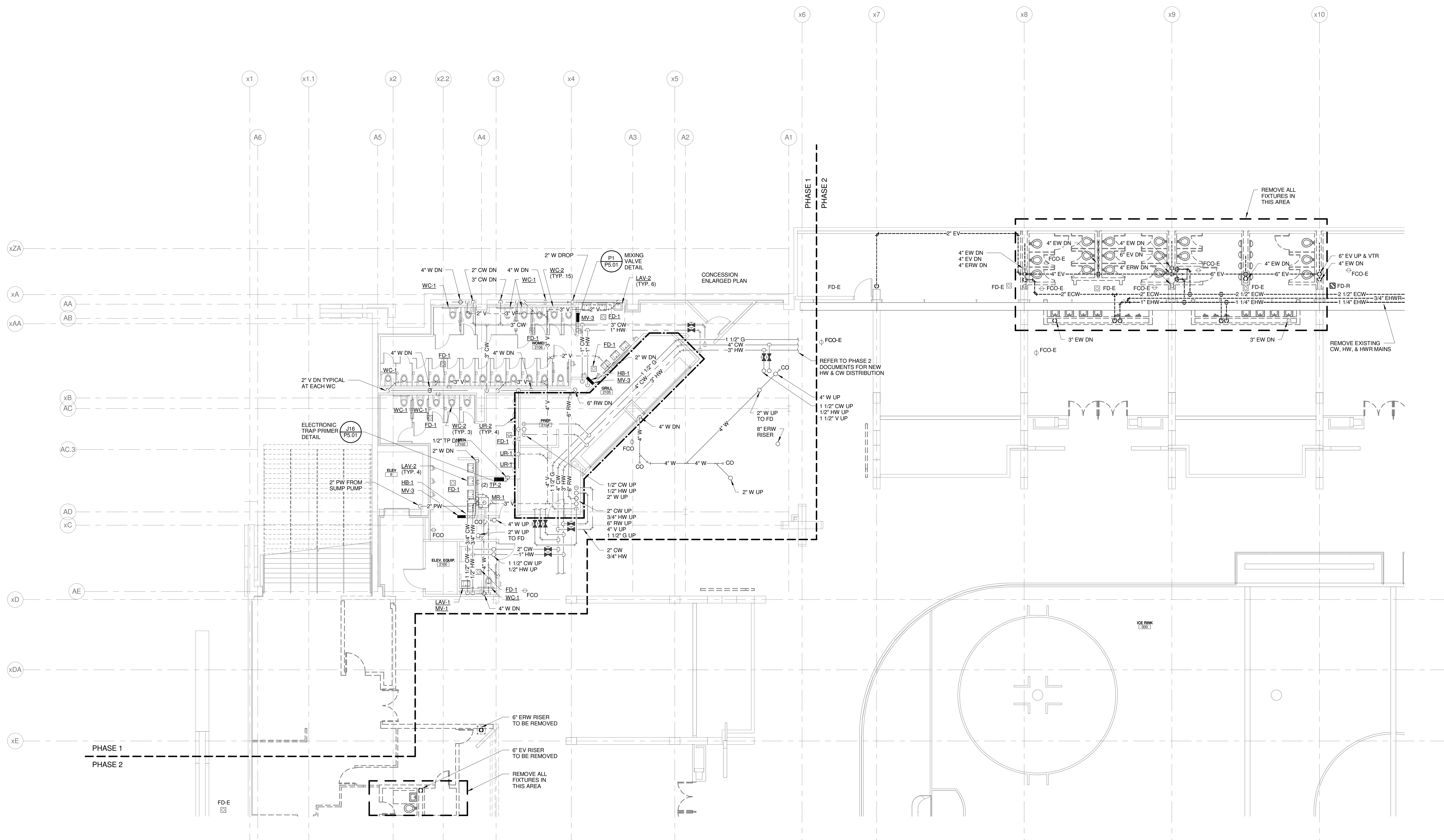
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PROJECT No.:	3757.00	PROJECT MANAGER:	JRB
SCALE:	As indicated	DRAWN BY:	LAC
PROJECT MANAGER:	JRB	CHECKED BY:	DMON
DRAWN BY:	LAC	SHEET No.:	PD2.14B
CHECKED BY:	DMON		

1 EVENT LEVEL PLUMBING REMOVALS PLAN - QUAD D - PHASE
 1/8" = 1'-0"

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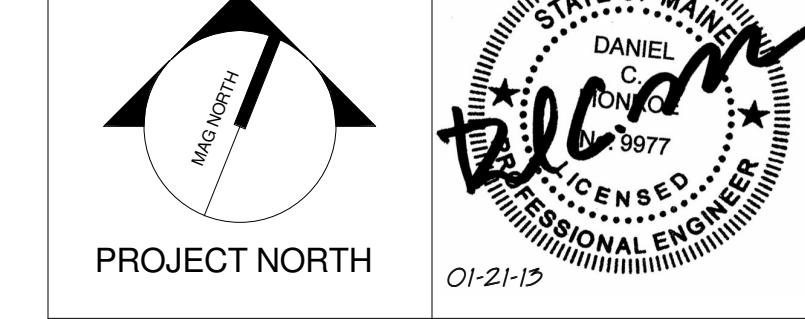
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
CONCOURSE LEVEL PLUMBING REMOVALS PLAN - QUAD A - PHASE 2

SHEET TITLE:
 WBRC CAD FILE: 375700 - 0202 Plumbing.rvt
 PROJECT No. **3757.00** GRAPHIC SCALE: 1" = 1'-0"
 SCALE: **1/8" = 1'-0"**
 PROJECT MANAGER: JRB
 DRAWN BY: LAC
 CHECKED BY: DMON
 SHEET No. **PD2.21B**

1 CONCOURSE LEVEL PLUMBING REMOVALS PLAN - QUAD A - PHASE 2
 1/8" = 1'-0"

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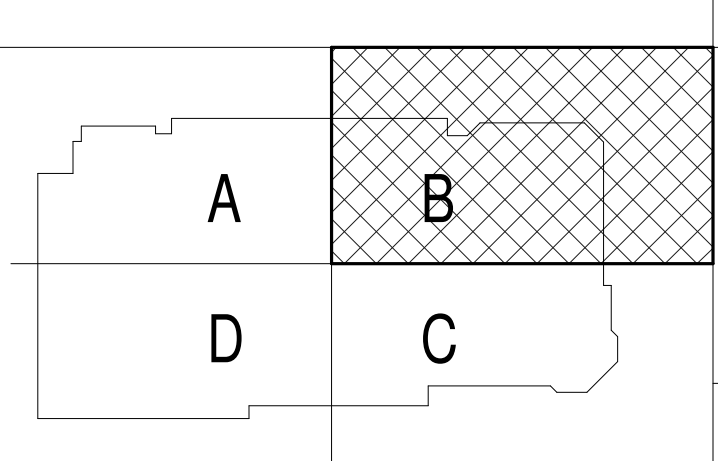
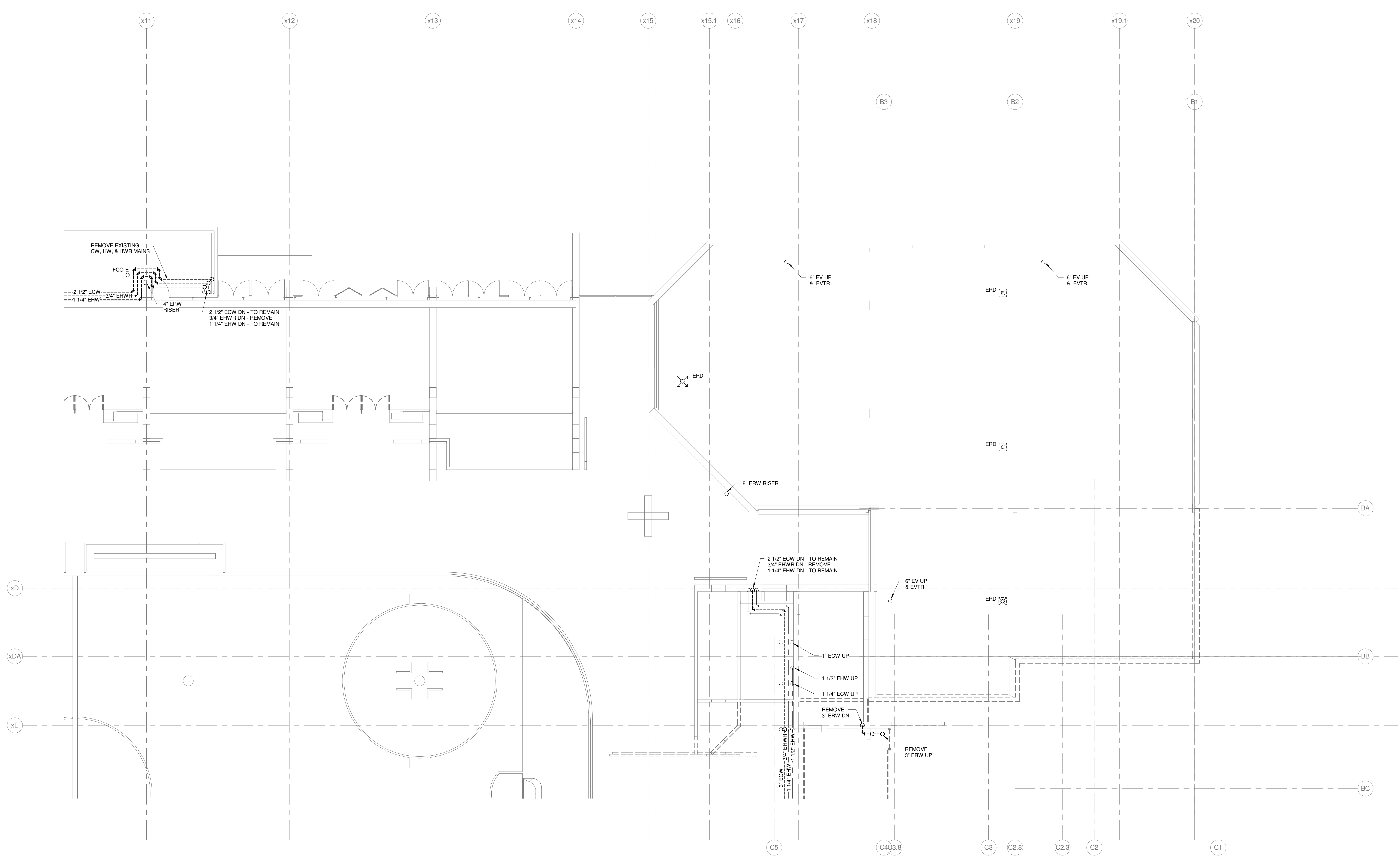
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GENERAL NOTES:

- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- INTERIOR UNDERSLAB PLUMBING PIPING. INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

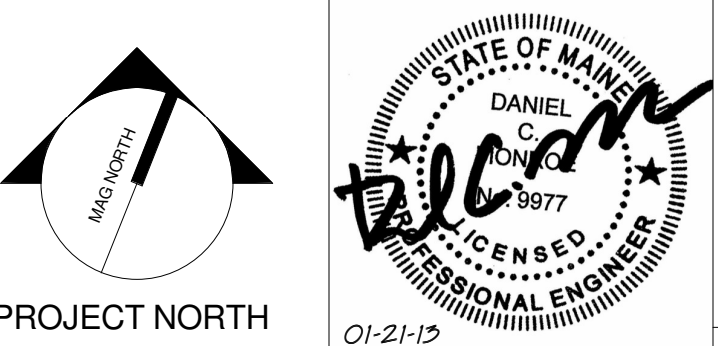
- REMOVE EXISTING FLOOR DRAIN. REPLACE WITH NEW & CONNECT TO EXISTING PIPING.
- REPAIR OR REPLACE DAMAGED OR MISSING INSULATION.
- REMOVE EXISTING & CAP PIPING BELOW FINISHED SURFACE.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
**CONCOURSE LEVEL
PLUMBING REMOVALS PLAN -
QUAD B - PHASE 2**

SHEET TITLE:	CONCOURSE LEVEL PLUMBING REMOVALS PLAN - QUAD B - PHASE 2
WBRC CAD FILE:	375700 - 0202 Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	PD2.22B

1 CONCOURSE LEVEL PLUMBING REMOVALS PLAN - QUAD B - PHASE 2
1/8" = 1'-0"

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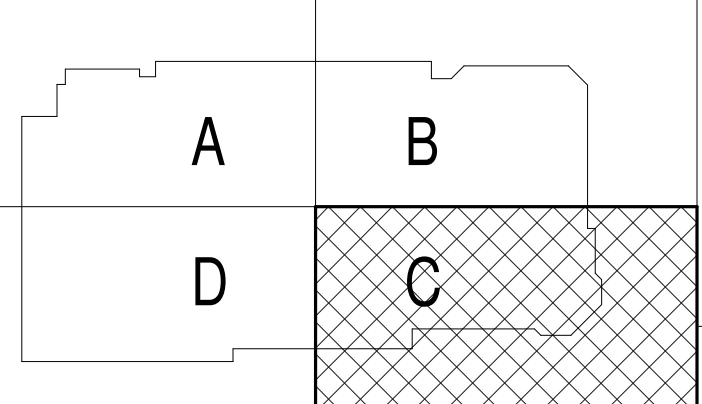
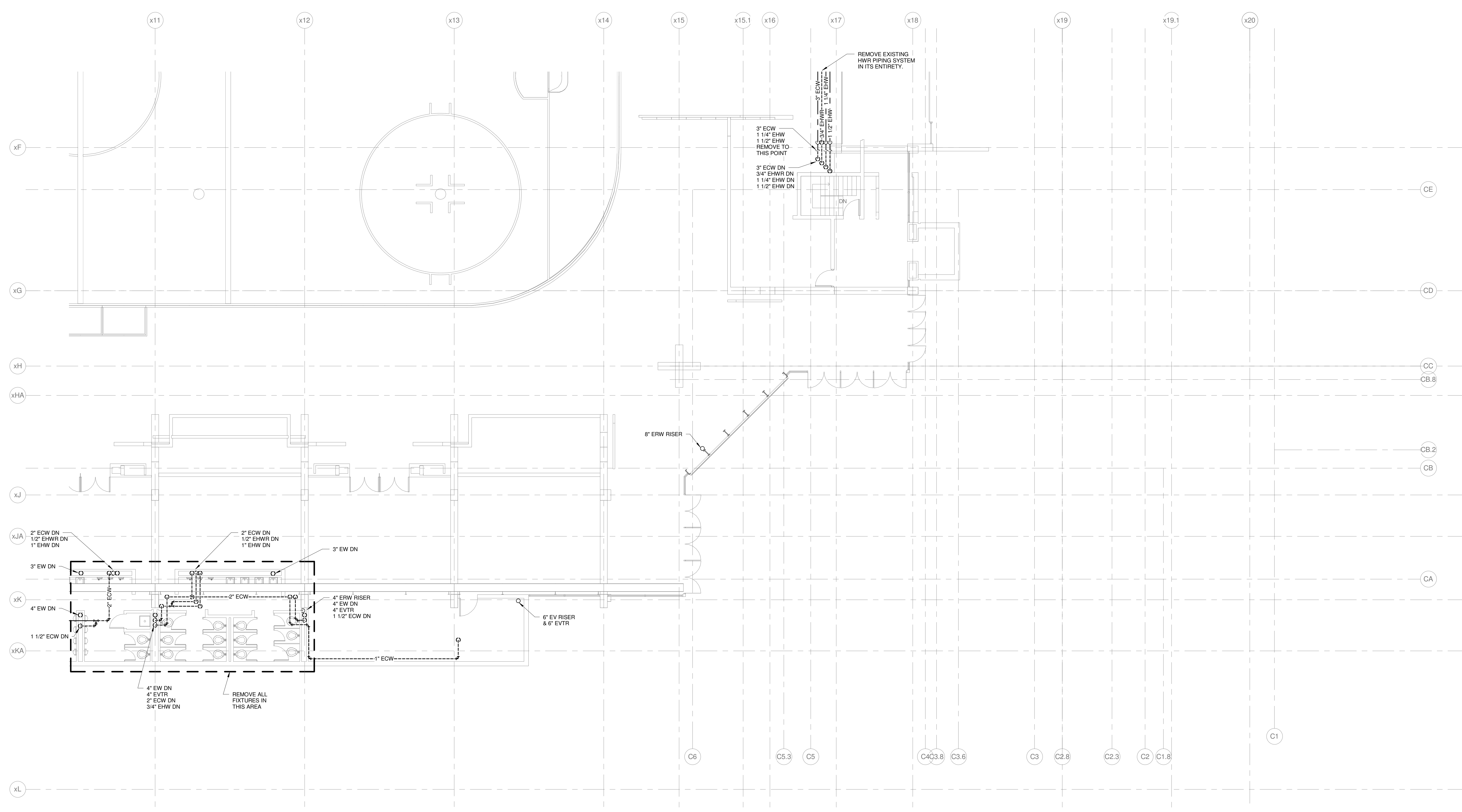
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GENERAL NOTES:

- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
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- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

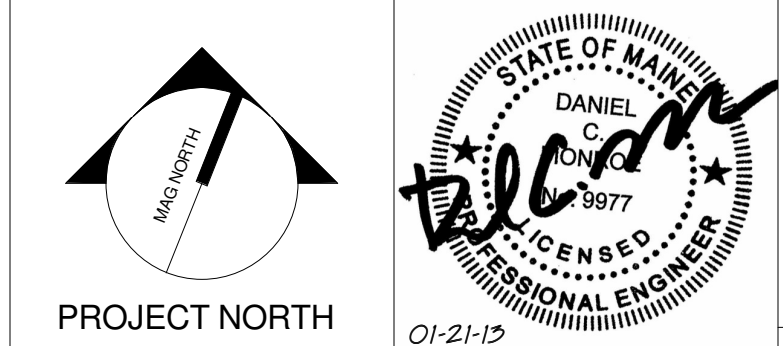
- REMOVE EXISTING FLOOR DRAIN. REPLACE WITH NEW & CONNECT TO EXISTING PIPING.
- REPAIR OR REPLACE DAMAGED OR MISSING INSULATION.
- REMOVE EXISTING & CAP PIPING BELOW FINISHED SURFACE.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
**CONCOURSE LEVEL
PLUMBING REMOVALS PLAN -
QUAD C - PHASE 2**

SHEET TITLE:	WBRC CAD FILE:	3757.00	GRAPHIC SCALE:	1" = 1'
PROJECT No.:	3757.00	SCALE:	As indicated	
PROJECT MANAGER:	JRB	SHEET No.:	PD2.23B	
DRAWN BY:	LAC	CHECKED BY:	DMON	

1 CONCOURSE LEVEL PLUMBING REMOVALS PLAN - QUAD C - PHASE 2
1/8" = 1'-0"

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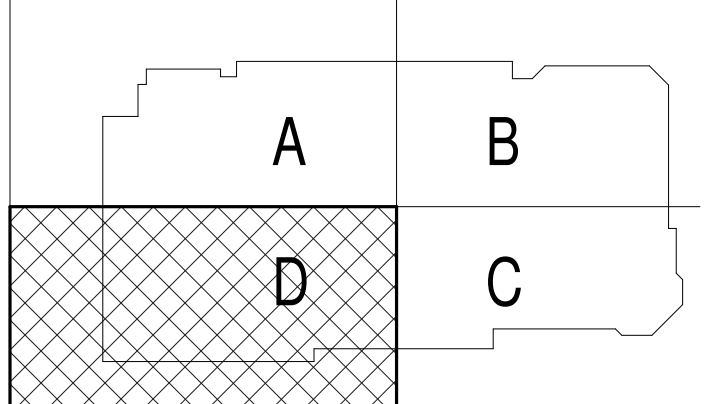
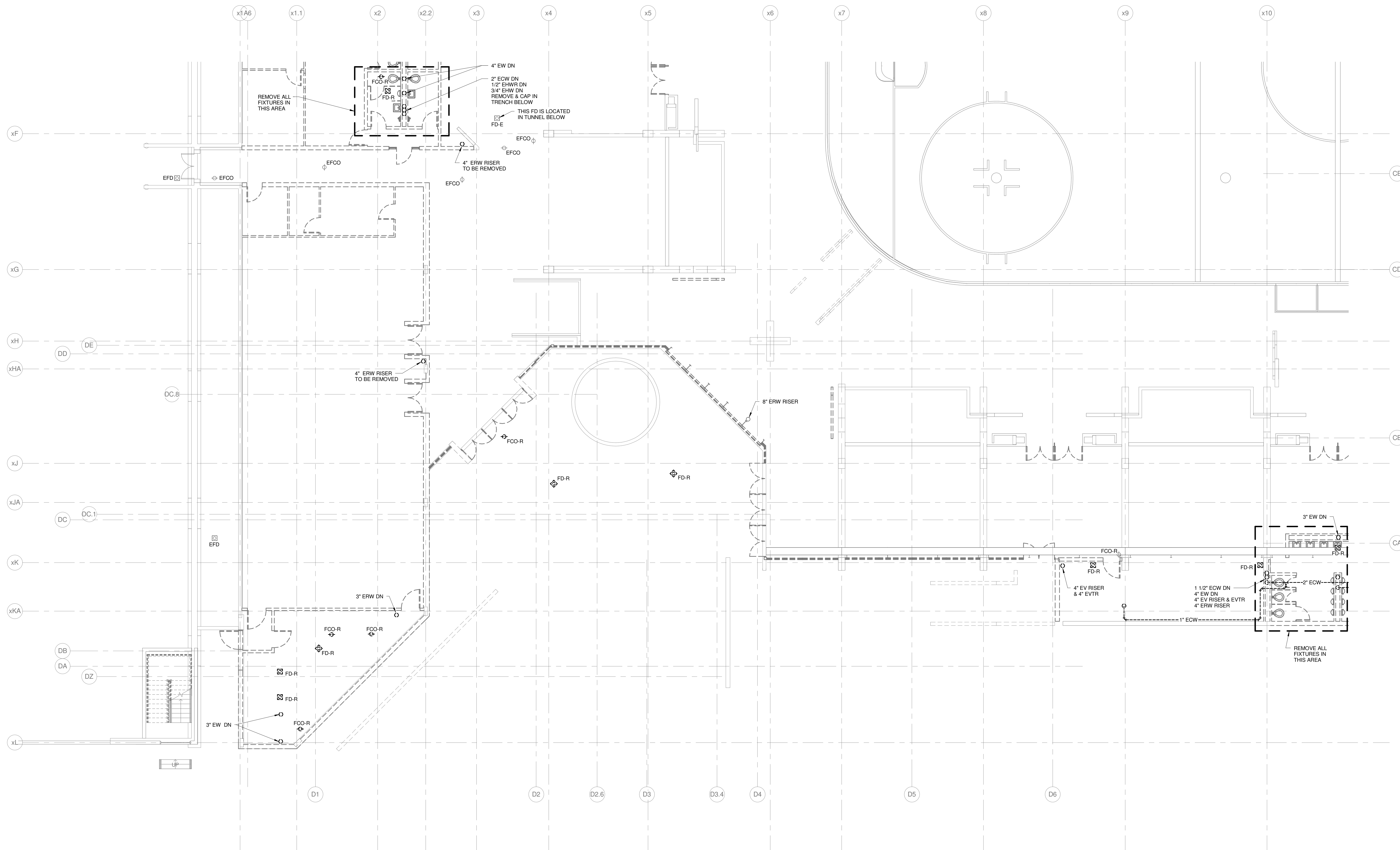
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GENERAL NOTES:

- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

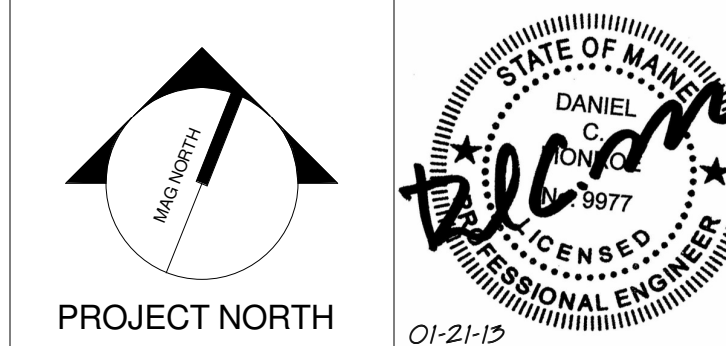
- REMOVE EXISTING FLOOR DRAIN. REPLACE WITH NEW & CONNECT TO EXISTING PIPING.
- REPAIR OR REPLACE DAMAGED OR MISSING INSULATION.
- REMOVE EXISTING & CAP PIPING BELOW FINISHED SURFACE.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
**CONCOURSE LEVEL
PLUMBING REMOVALS PLAN -
QUAD D - PHASE 2**

SHEET TITLE:	WBRC CAD FILE:	375700 - 0202 Plumbing_Like.dwg
PROJECT No.:	3757.00	GRAPHIC SCALE: 0' 1"
SCALE:	As indicated	
PROJECT MANAGER:	JRB	SHEET No.:
DRAWN BY:	LAC	PD2.24B
CHECKED BY:	DMON	

**1 CONCOURSE LEVEL PLUMBING REMOVALS PLAN
1/8" = 1'-0"**

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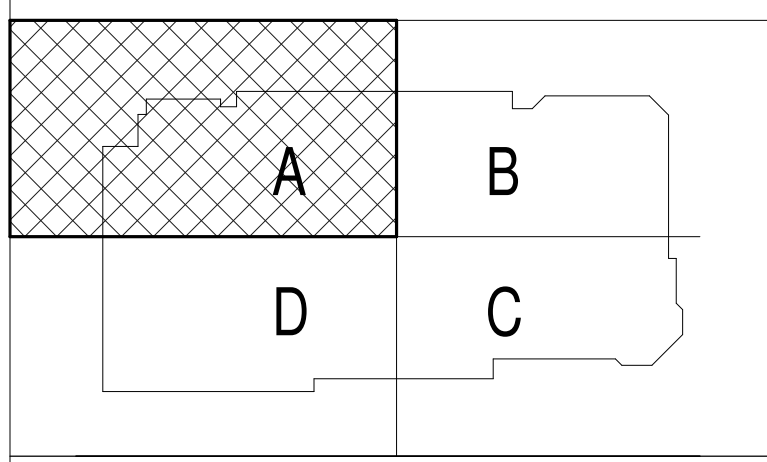
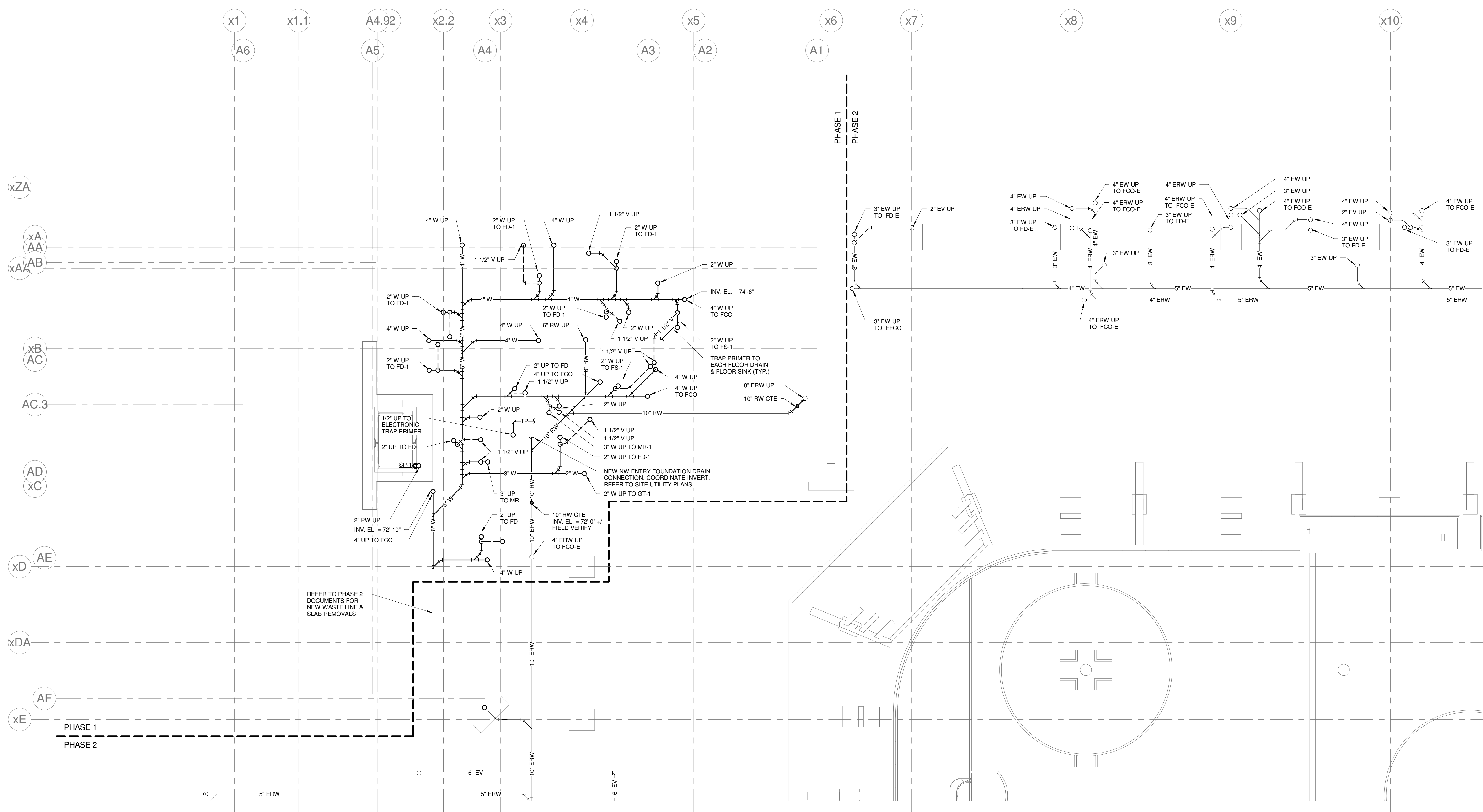
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GENERAL NOTES:

- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

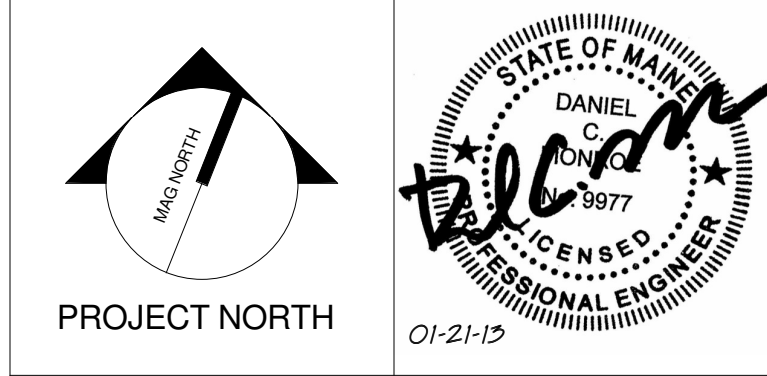
- NO PIPING PERMITTED IN THIS AREA.
- CAP EXISTING PIPING BELOW FLOOR.
- REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 3/4" IW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN. ROUTE TO TOILET ROOM DRAIN IN WALL. PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EEMAX EMT1



1	CONSTRUCTION DOCUMENTS	01-21-2013
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**CUMBERLAND COUNTY CIVIC
CENTER RENOVATION**

PROJECT: PORTLAND, ME
**EVENT LEVEL PLUMBING
PLAN - QUAD A - PHASE 1**

SHEET TITLE:	3757.00	GRAPHIC SCALE:	1"
WBRC CAD FILE:	375700 - 0200 Plumbing.rvt	SCALE:	As indicated
PROJECT No.:	3757.00	SHEET No.:	P2.11A
PROJECT MANAGER:	JRB	CHECKED BY:	DMON
DRAWN BY:	LAC		

1 EVENT LEVEL PLUMBING PLAN - QUAD A - PHASE 1
 1/8" = 1'-0"

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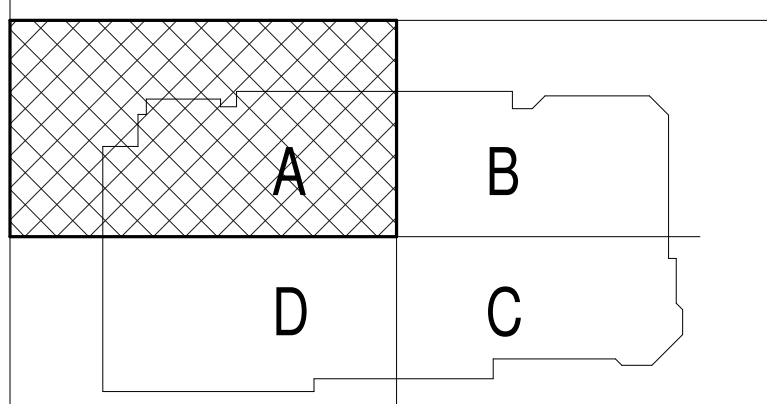
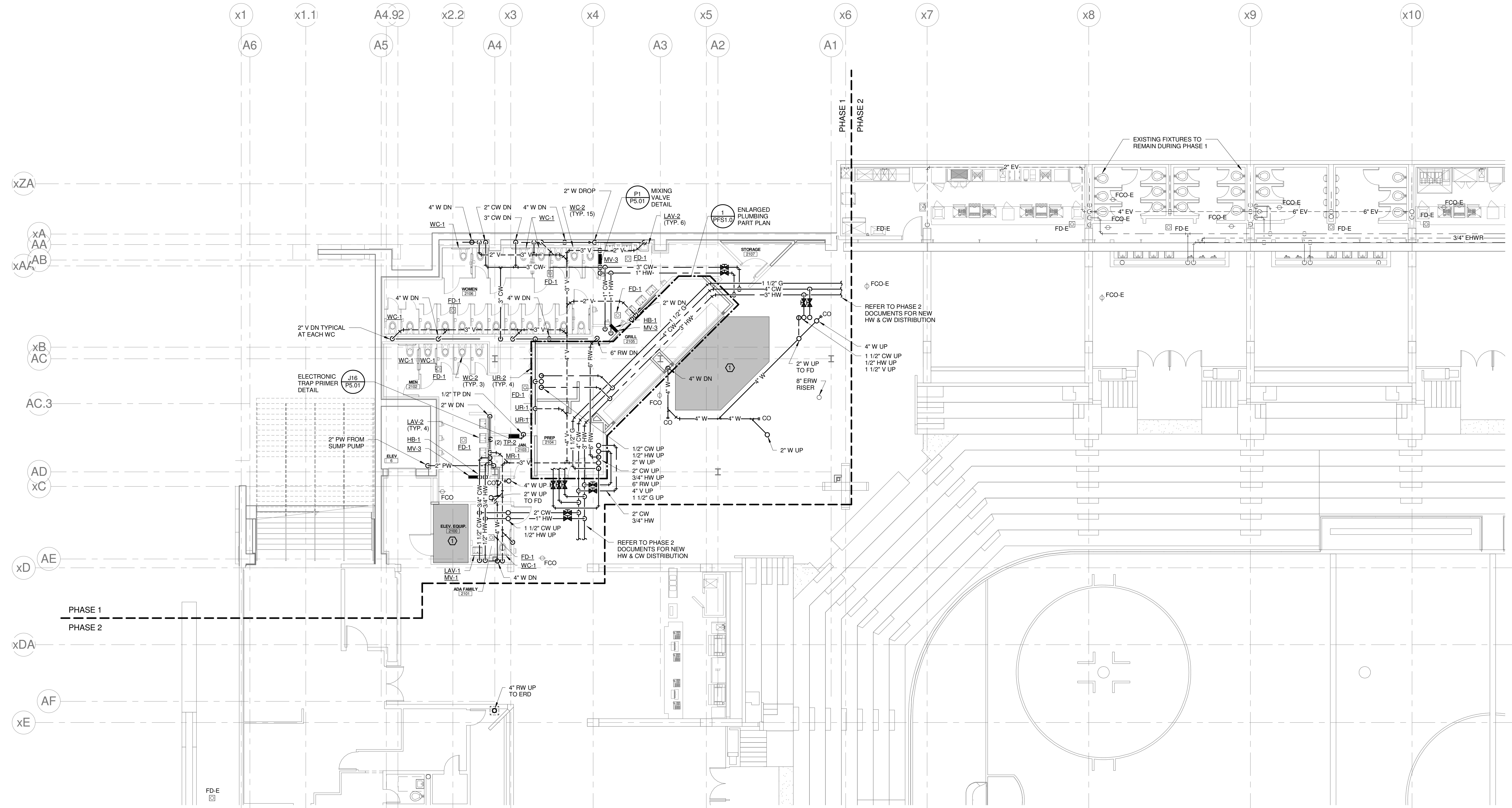
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GENERAL NOTES:

1. REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
2. INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
3. BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
4. PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
5. PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
6. PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
7. REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

1. NO PIPING PERMITTED IN THIS AREA.
2. CAP EXISTING PIPING BELOW FLOOR.
3. REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
4. 3/4" IW. CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN. ROUTE TO TOILET ROOM. DROP IN WALL. PROVIDE WYE FITTING AT LAV TAIL PIECE. & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITON TO DRAIN.
5. PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EEMAX EMT1



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
CONCOURSE LEVEL PLUMBING PLAN - QUAD A - PHASE 1

SHEET TITLE:	WBRC CAD FILE: 375700 - 0000 Plumbing_Like.dwg
PROJECT No.:	3757.00 GRAPHIC SCALE: 1" = 10'-0"
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	P2.21A

1 CONCOURSE LEVEL PLUMBING PLAN - QUAD A - PHASE 1
1/8" = 1'-0"

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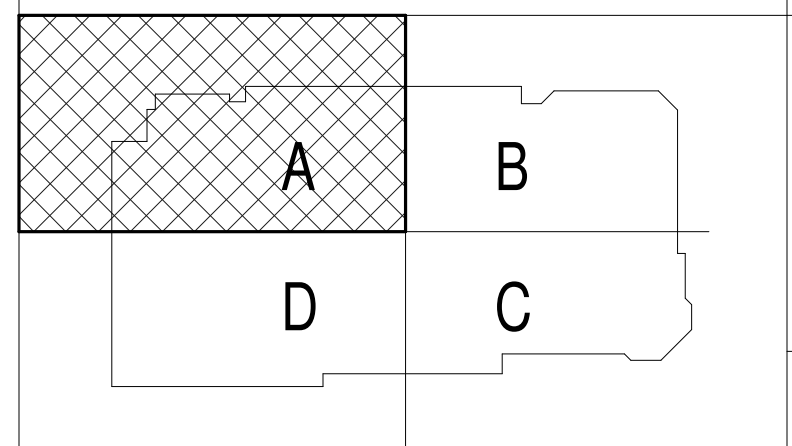
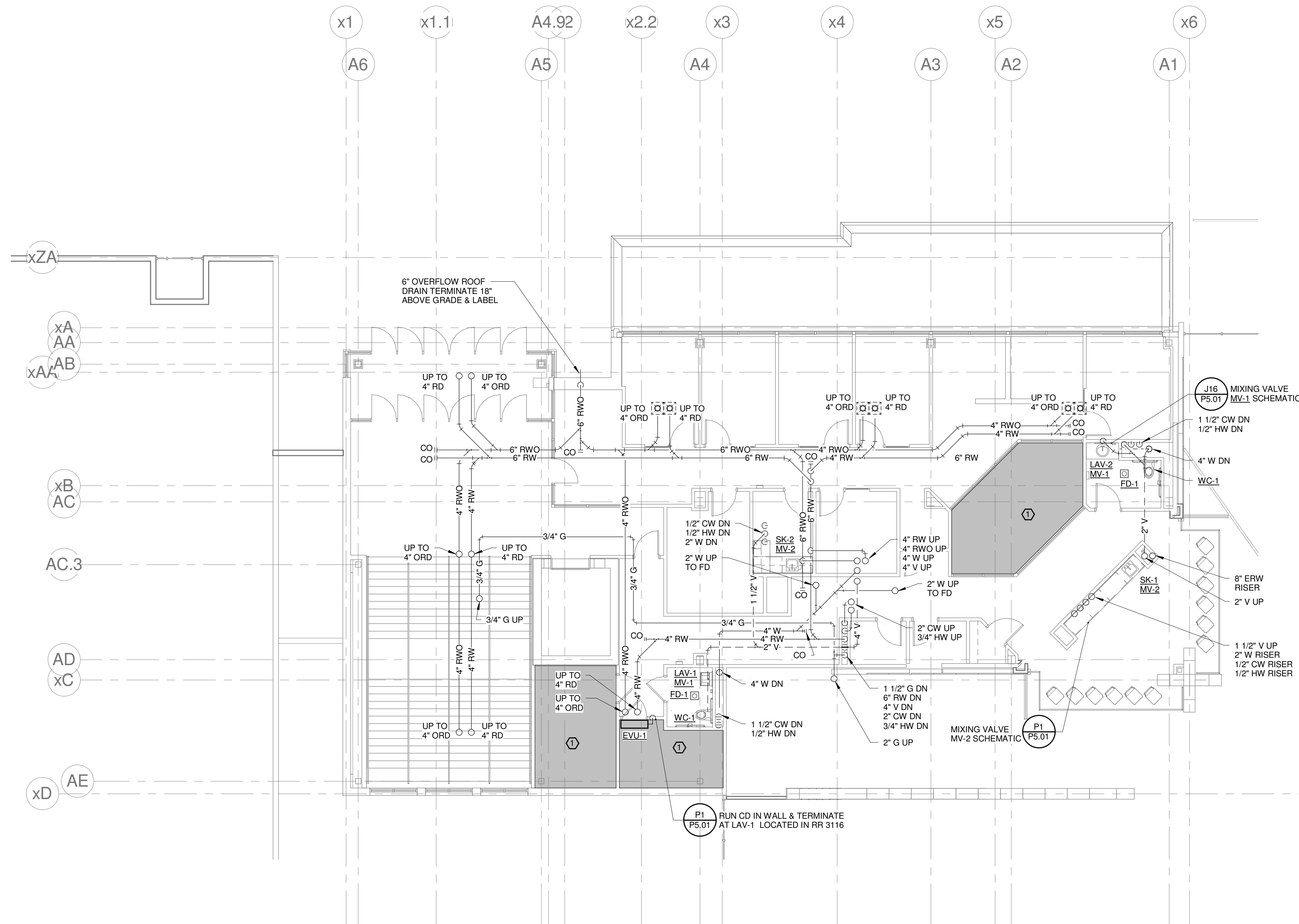
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GENERAL NOTES:

1. REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
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4. PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
5. PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
6. PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
7. REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

- ① NO PIPING PERMITTED IN THIS AREA.
- ② CAP EXISTING PIPING BELOW FLOOR.
- ③ REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- ④ 3/4" W, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN. ROUTE TO TOILET ROOM, DROP IN WALL, PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- ⑤ PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EEMAX EMT1

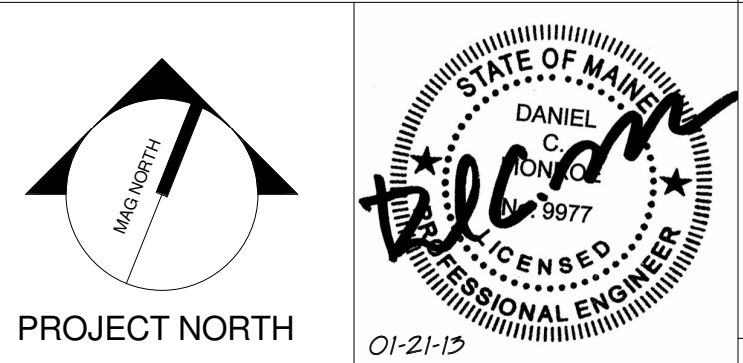


1	CONSTRUCTION DOCUMENTS	01-21-2013
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**CUMBERLAND COUNTY CIVIC
CENTER RENOVATION**
PROJECT: PORTLAND, ME
**MID SUITES LEVEL PLUMBING
PLAN - QUAD A - PHASE 1**

SHEET TITLE:	
WBRC CAD FILE:	375700 - CCCC Plumbing.dwg
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
GRAPHIC SCALE:	1" = 1'
SHEET No.:	P2.31A

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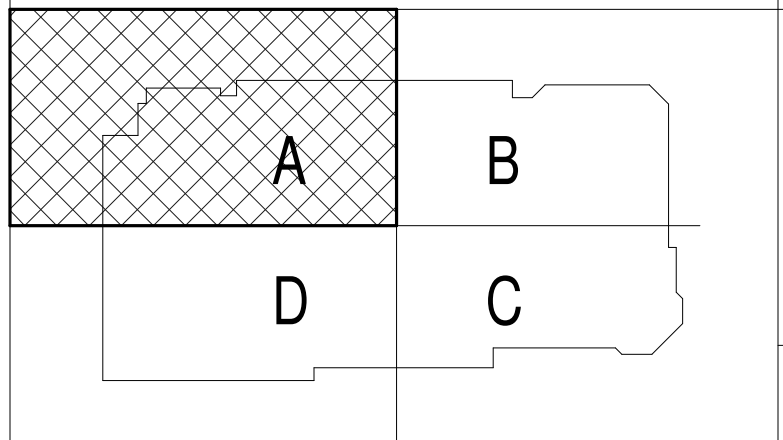
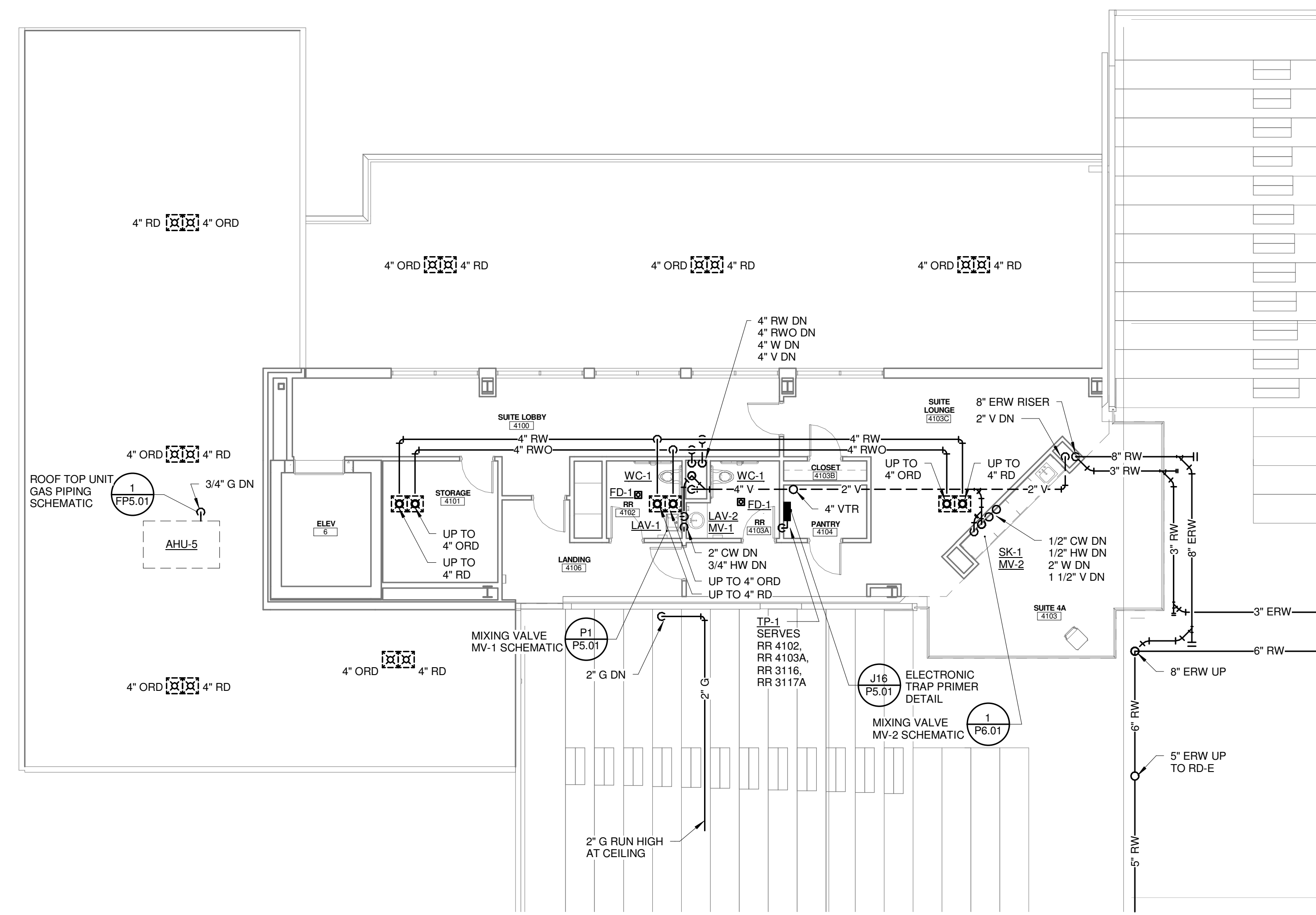
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GENERAL NOTES:

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- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

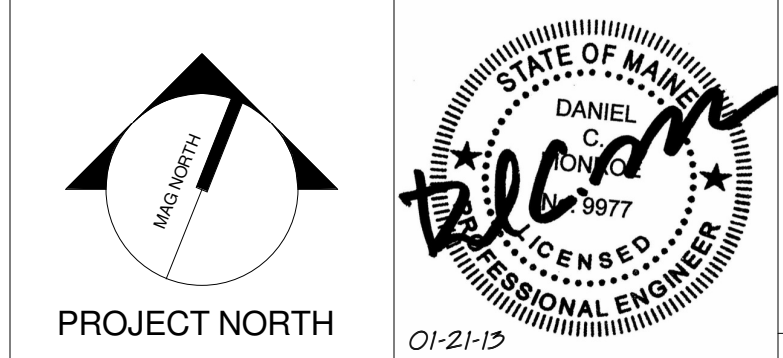
- NO PIPING PERMITTED IN THIS AREA.
- CAP EXISTING PIPING BELOW FLOOR.
- REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 3/4" IW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN. ROUTE TO TOILET ROOM. DROP IN WALL. PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EEMAX EMT1



REV.	DESCRIPTION	DATE
1	CONSTRUCTION DOCUMENTS	01-21-2013
0	NW ENTRY CONSTRUCTION DOCS	10-31-2012

**CONSTRUCTION DOCUMENTS
01-21-2013**

CURRENT ISSUE STATUS:



CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
**UPPER SUITES LEVEL
PLUMBING PLAN - QUAD A -
PHASE 1**

SHEET TITLE:		UPPER SUITES LEVEL PLUMBING PLAN - QUAD A - PHASE 1	
WBRC CAD FILE:	375700 - CCCC Plumbing.dwg	GRAPHIC SCALE:	1" = 1'-0"
PROJECT No.:	3757.00	SCALE:	As indicated
PROJECT MANAGER:	JRB	SHEET No.:	P2.41A
DRAWN BY:	LAC	CHECKED BY:	DMON

1 UPPER SUITES LEVEL PLUMBING PLAN - QUAD A - PHASE 1
1/8" = 1'-0"

SINK COMBS DETHLEFS

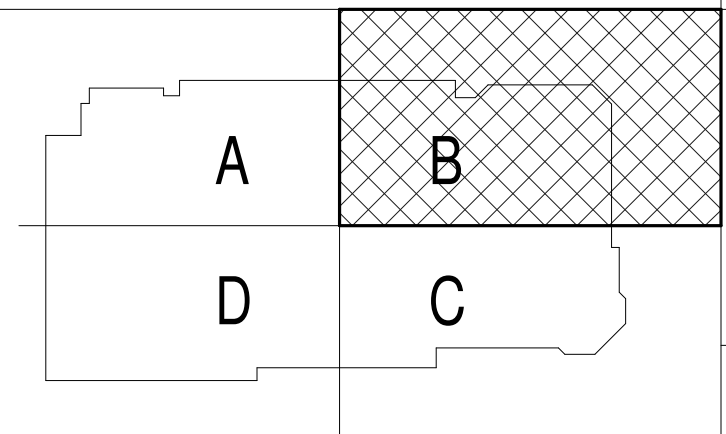
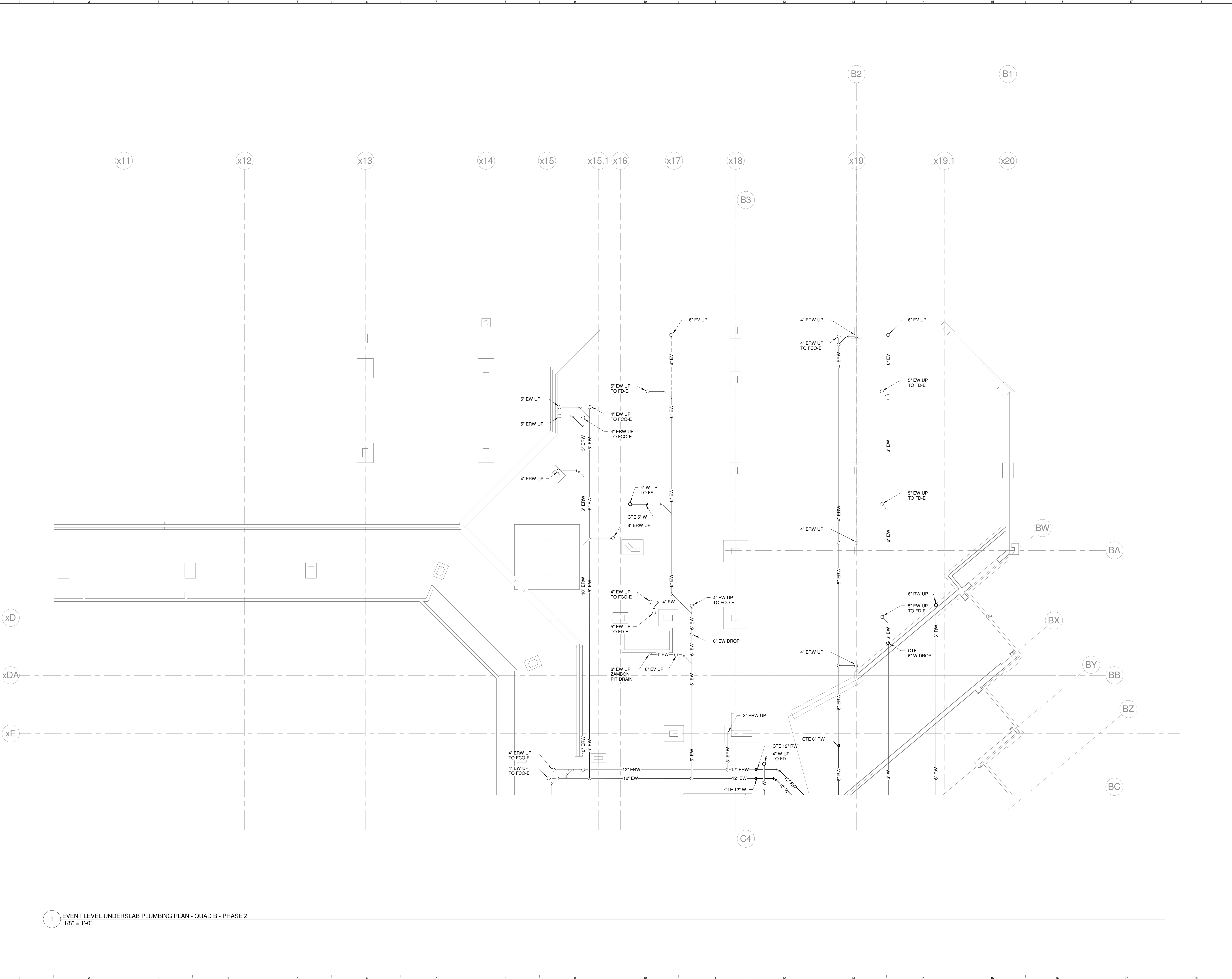
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SINK COMBS
Dethlefs, P.C.
475 Lincoln Street,
Suite 100
Denver, Colorado 80202
303.398.0200
FAX 303.398.0202

GENERAL NOTES:

- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS. COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

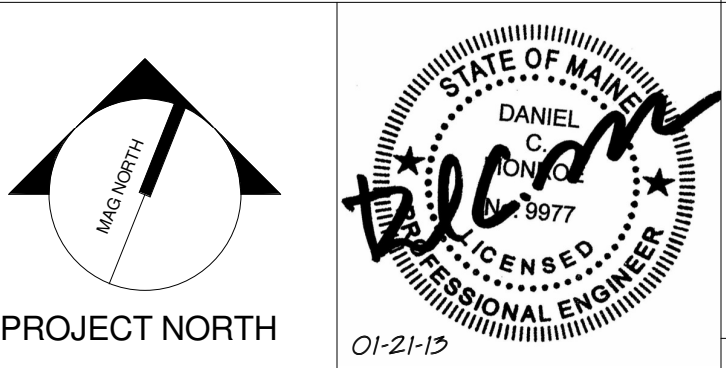
- NO PIPING PERMITTED IN THIS AREA.
- CAP EXISTING PIPING BELOW FLOOR.
- REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 3/4" IW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN. ROUTE TO TOILET ROOM. DROP IN WALL. PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EEMAX EMT



REV.	DESCRIPTION	DATE
0	CONSTRUCTION DOCUMENTS	01-21-2013

**CONSTRUCTION DOCUMENTS
01-21-2013**

CURRENT ISSUE STATUS:



WBRC
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BANGOR, MAINE 05707-4511
PORTLAND, MAINE 04103-4511
SUBSIDIARY, FLORIDA 341-256-0752

CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL UNDERSLAB PLUMBING PLAN - QUAD B - PHASE 2

SHEET TITLE:	WBRC CAD FILE:	375700 - 0202 Plumbing.rvt
PROJECT No.:	3757.00	GRAPHIC SCALE: 0'
SCALE:	As indicated	1"
PROJECT MANAGER:	JRB	SHEET No.:
DRAWN BY:	LAC	P2.02B
CHECKED BY:	DMON	

1 EVENT LEVEL UNDERSLAB PLUMBING PLAN - QUAD B - PHASE 2
1/8" = 1'-0"

SINK COMBS DETHLEFS

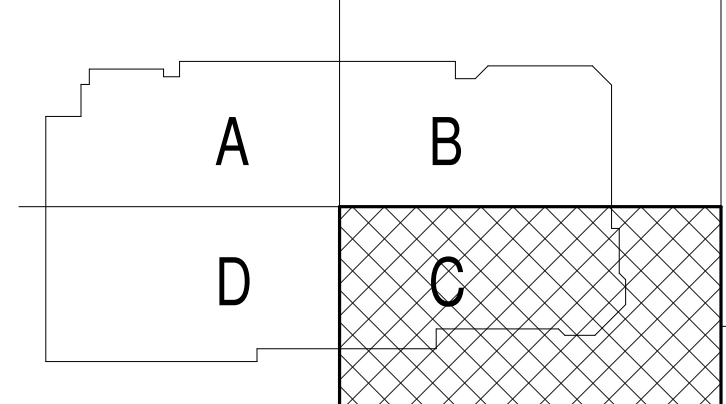
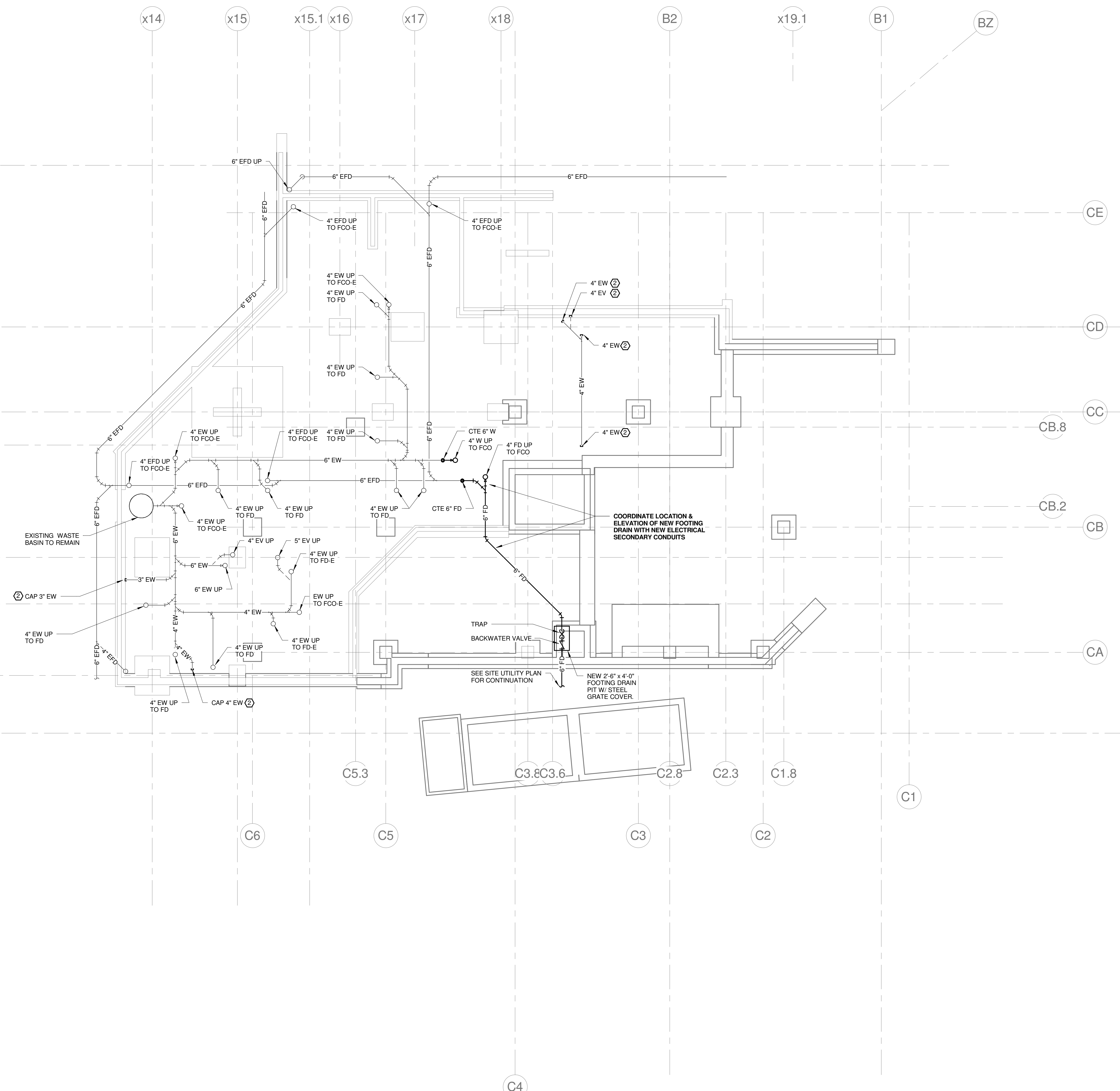
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Denver, Colorado 80202
303.398.0200
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TECHNICAL NOTES:

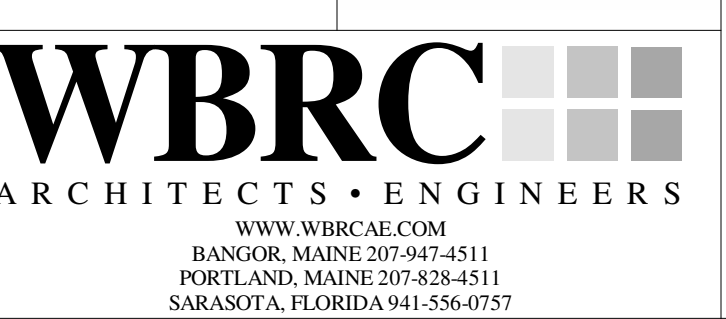
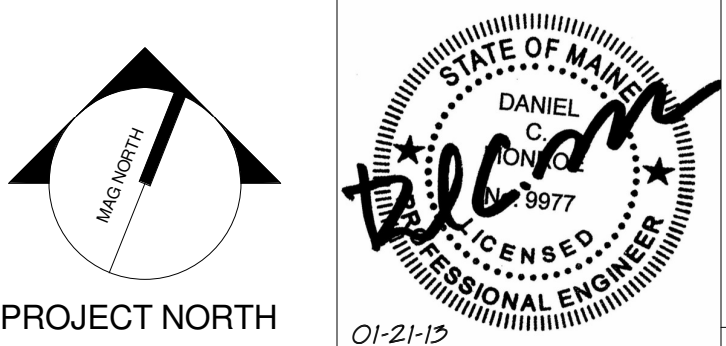
- NO PIPING PERMITTED IN THIS AREA.
- CAP EXISTING PIPING BELOW FLOOR.
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- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER, BASIS OF DESIGN: EEMAX EMT.



REV.	DESCRIPTION	DATE
0	CONSTRUCTION DOCUMENTS	01-21-2013

**CONSTRUCTION DOCUMENTS
01-21-2013**

CURRENT ISSUE STATUS:



CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
**MECHANICAL LEVEL
UNDERSLAB PLUMBING PLAN
- QUAD C - PHASE 2**

SHEET TITLE:	MECHANICAL LEVEL UNDERSLAB PLUMBING PLAN - QUAD C - PHASE 2
WBRC CAD FILE:	375700 - CCCC Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	P2.031B

1 MECHANICAL LEVEL UNDERSLAB PLUMBING PLAN - QUAD C - PHASE 2
1/8" = 1'-0"

1/21/2013 1:45:04 PM C:\Users\lucachivall@wbrc.com\Documents\375700 - CCCC Plumbing\lucachivall.rvt

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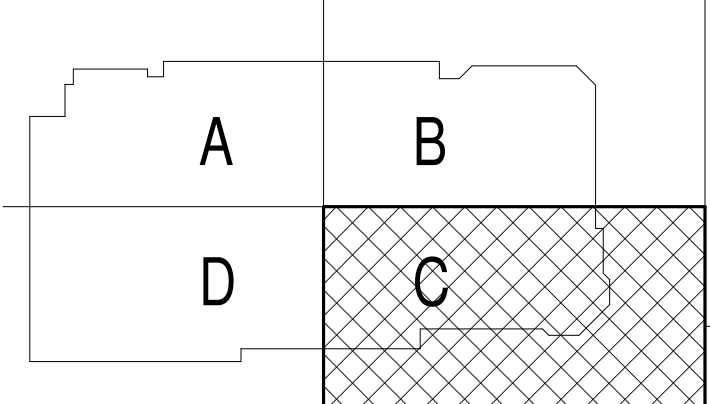
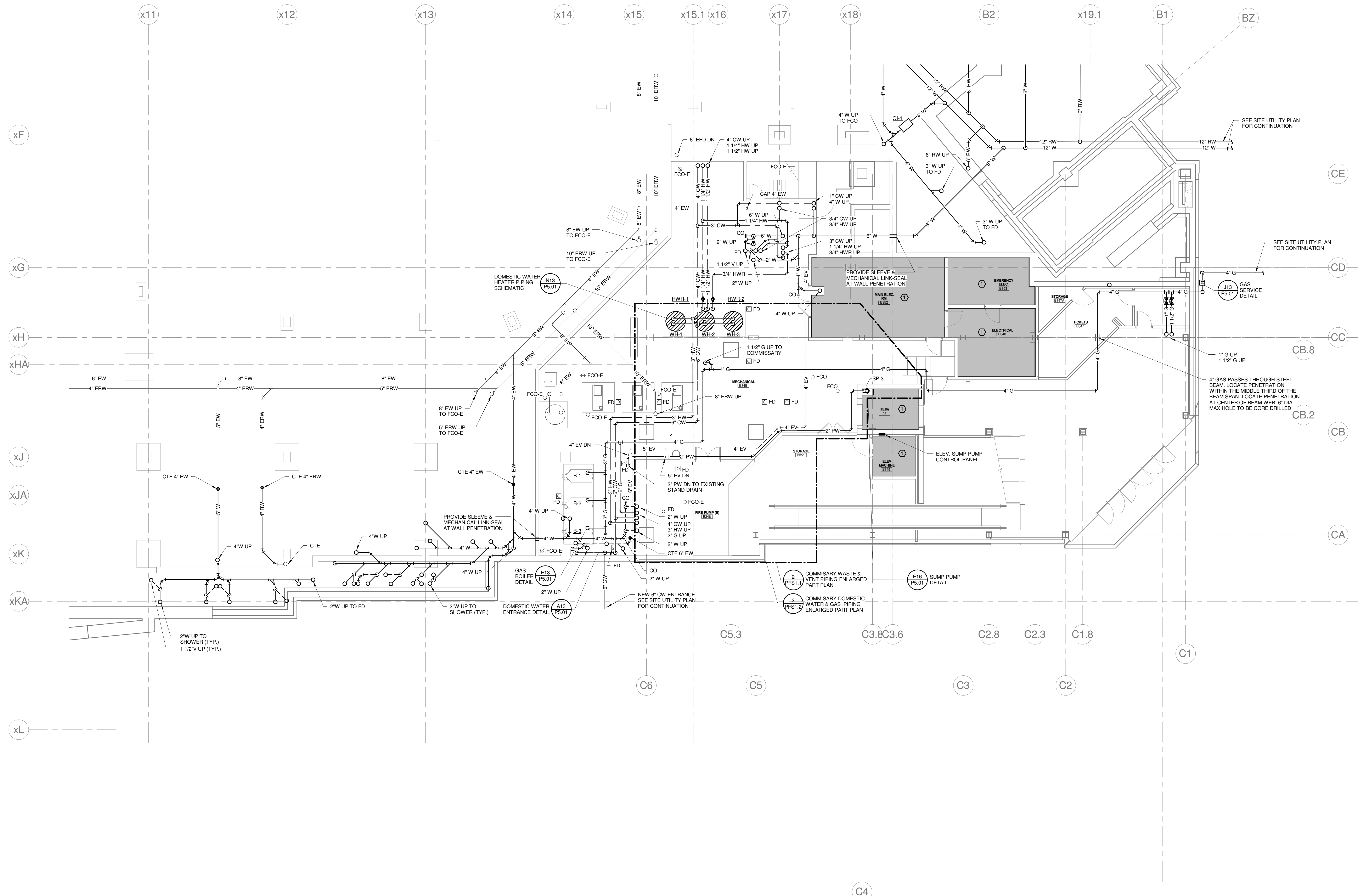
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475 Lincoln Street,
Suite 100
Denver, Colorado 80202
303.398.0200
FAX 303.398.0222

GENERAL NOTES:

1. REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
2. INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
3. BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
4. PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
5. PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
6. PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
7. REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

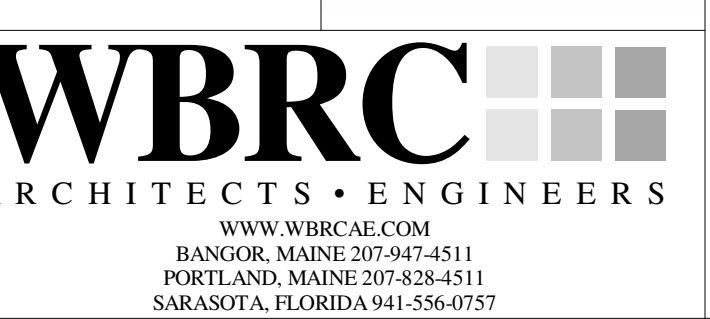
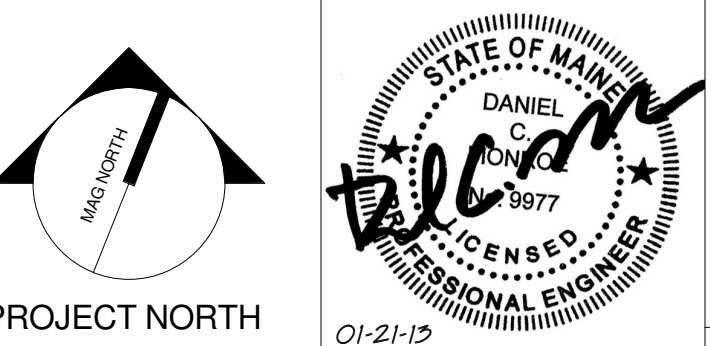
1. NO PIPING PERMITTED IN THIS AREA.
2. CAP EXISTING PIPING BELOW FLOOR.
3. REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
4. 3/4" IW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN. ROUTE TO TOILET ROOM. DROP IN WALL. PROVIDE WYE FITTING AT LAV TAIL PIECE & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
5. PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EEMAX EMT1



REV.	DESCRIPTION	DATE
0	CONSTRUCTION DOCUMENTS	01-21-2013

**CONSTRUCTION DOCUMENTS
01-21-2013**

CURRENT ISSUE STATUS:



CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
MECHANICAL LEVEL PLUMBING PLAN - QUAD C - PHASE 2

SHEET TITLE:	MECHANICAL LEVEL PLUMBING PLAN - QUAD C - PHASE 2
WBRC CAD FILE:	375700 - DCCC Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	P2.032B

1 MECHANICAL LEVEL PLUMBING PLAN - QUAD C - PHASE 2
1/8" = 1'-0"

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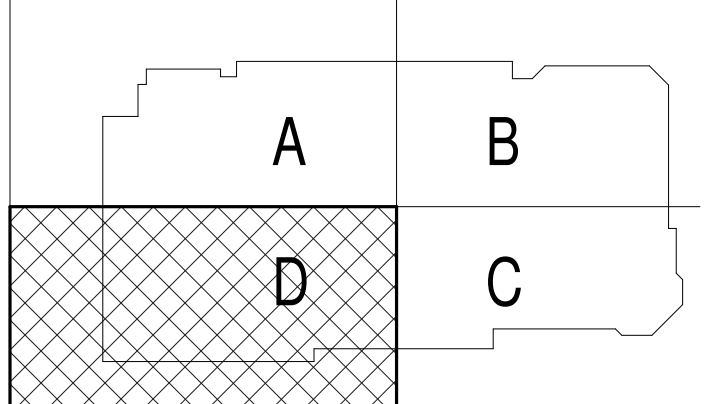
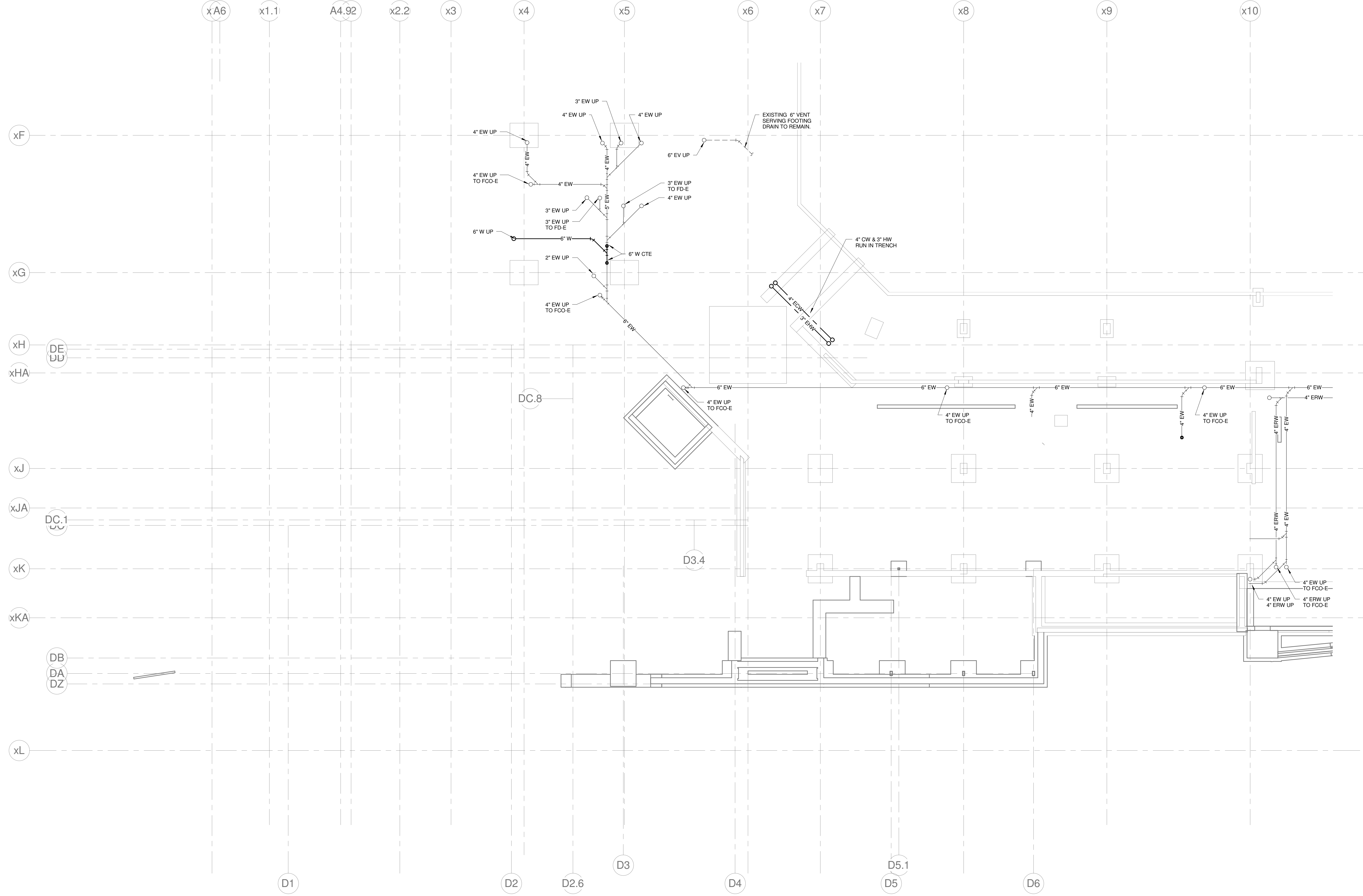
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 303.398.0200
 FAX 303.398.0222

GENERAL NOTES:

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TECHNICAL NOTES:

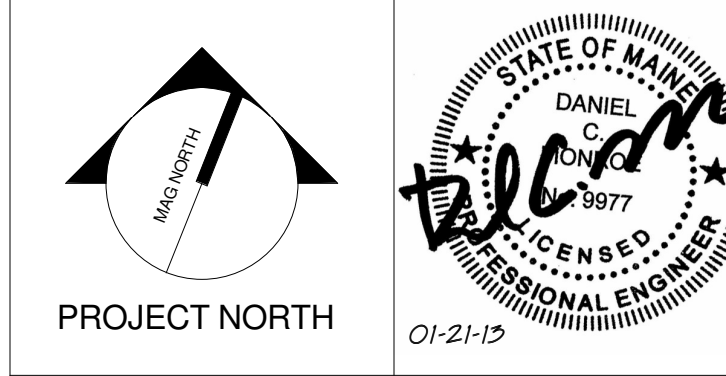
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- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EMAX EMT1



REV.	DESCRIPTION	DATE
0	CONSTRUCTION DOCUMENTS	01-21-2013

CONSTRUCTION DOCUMENTS
01-21-2013

CURRENT ISSUE STATUS:



WBRC
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 PORTLAND, MAINE 207-838-4511
 SUDBURY, FLORIDA 351-556-0732

CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL UNDERSLAB PLUMBING PLAN - QUAD D - PHASE 2

SHEET TITLE:	375700 - DCCC Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	P2.04B

1 EVENT LEVEL UNDERSLAB PLUMBING PLAN - QUAD D - PHASE 2
 1/8" = 1'-0"

1/21/2013 1:26:44 PM
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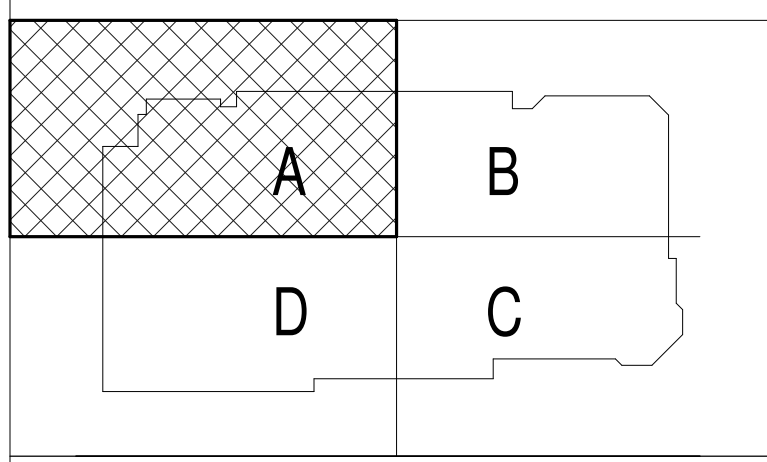
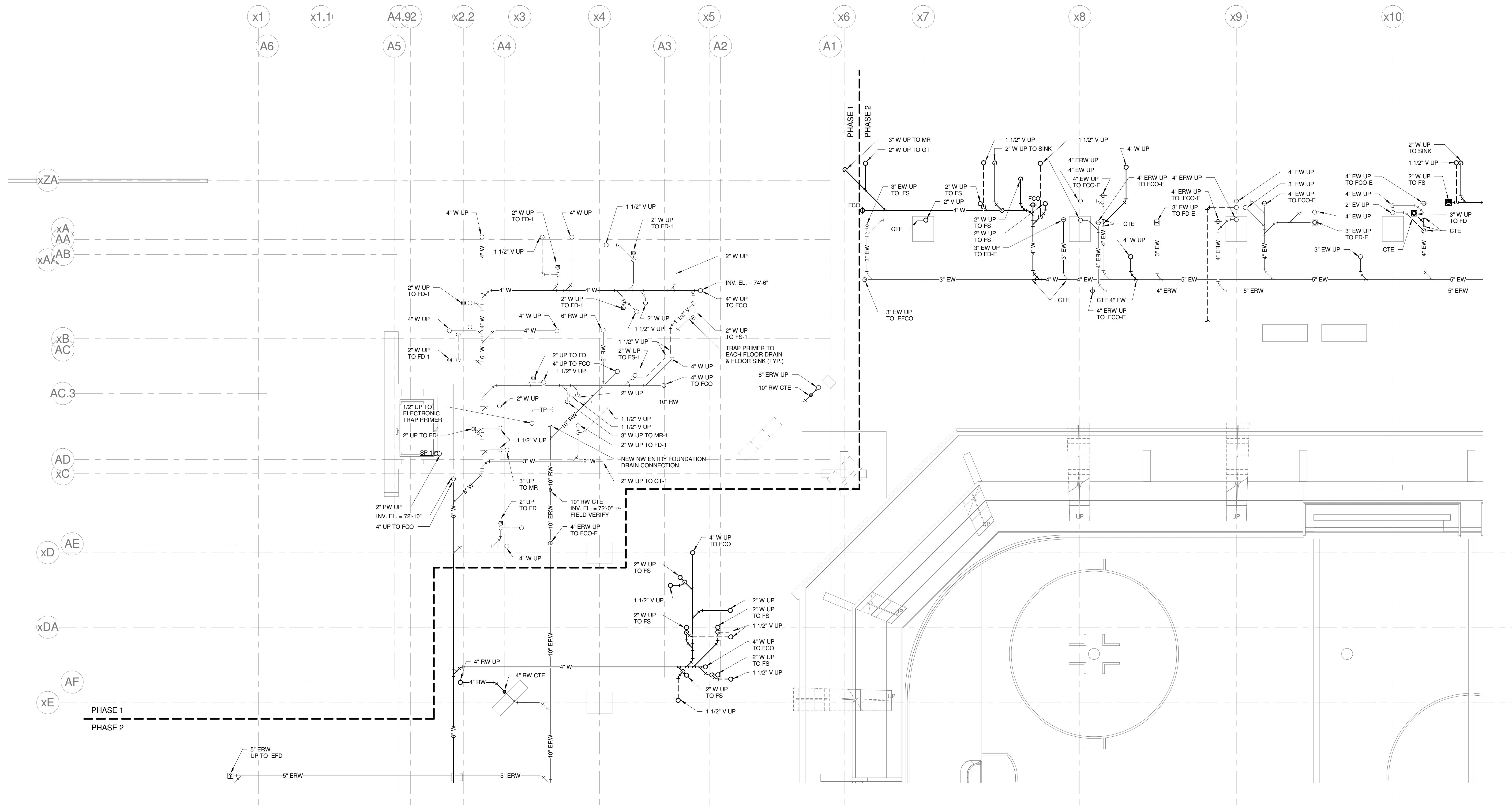
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475 Lincoln Street,
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Denver, Colorado 80202
303.398.0200
FAX 303.398.0222

GENERAL NOTES:

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TECHNICAL NOTES:

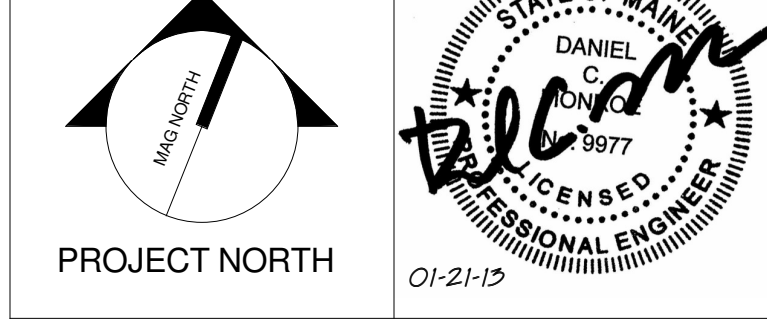
- NO PIPING PERMITTED IN THIS AREA.
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- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EEMAX EMT1



REV.	DESCRIPTION	DATE
0	CONSTRUCTION DOCUMENTS	01-21-2013

CONSTRUCTION DOCUMENTS
01-21-2013

CURRENT ISSUE STATUS:



WBRC
ARCHITECTS • ENGINEERS

PROJECT: PORTLAND, ME
EVENT LEVEL PLUMBING PLAN - QUAD A - PHASE 2

SHEET TITLE:	375700 - CCCC Plumbing
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	P2.11B

1 EVENT LEVEL PLUMBING PLAN - QUAD A - PHASE 2
1/8" = 1'-0"

1/21/2013 1:24:50 PM C:\Users\lucachave\Documents\375700 - CCCC Plumbing\lucachave.rvt

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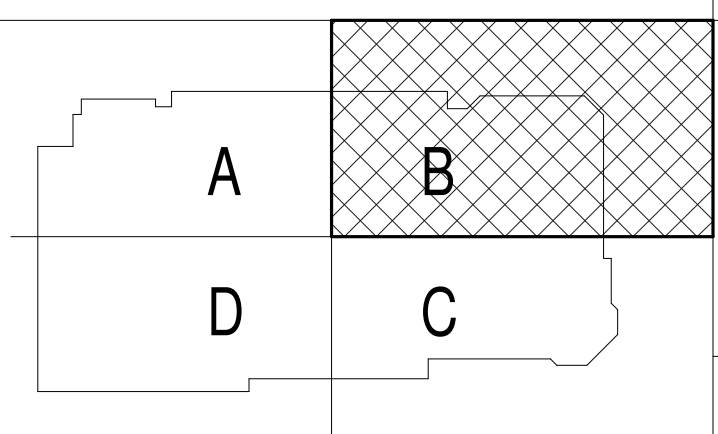
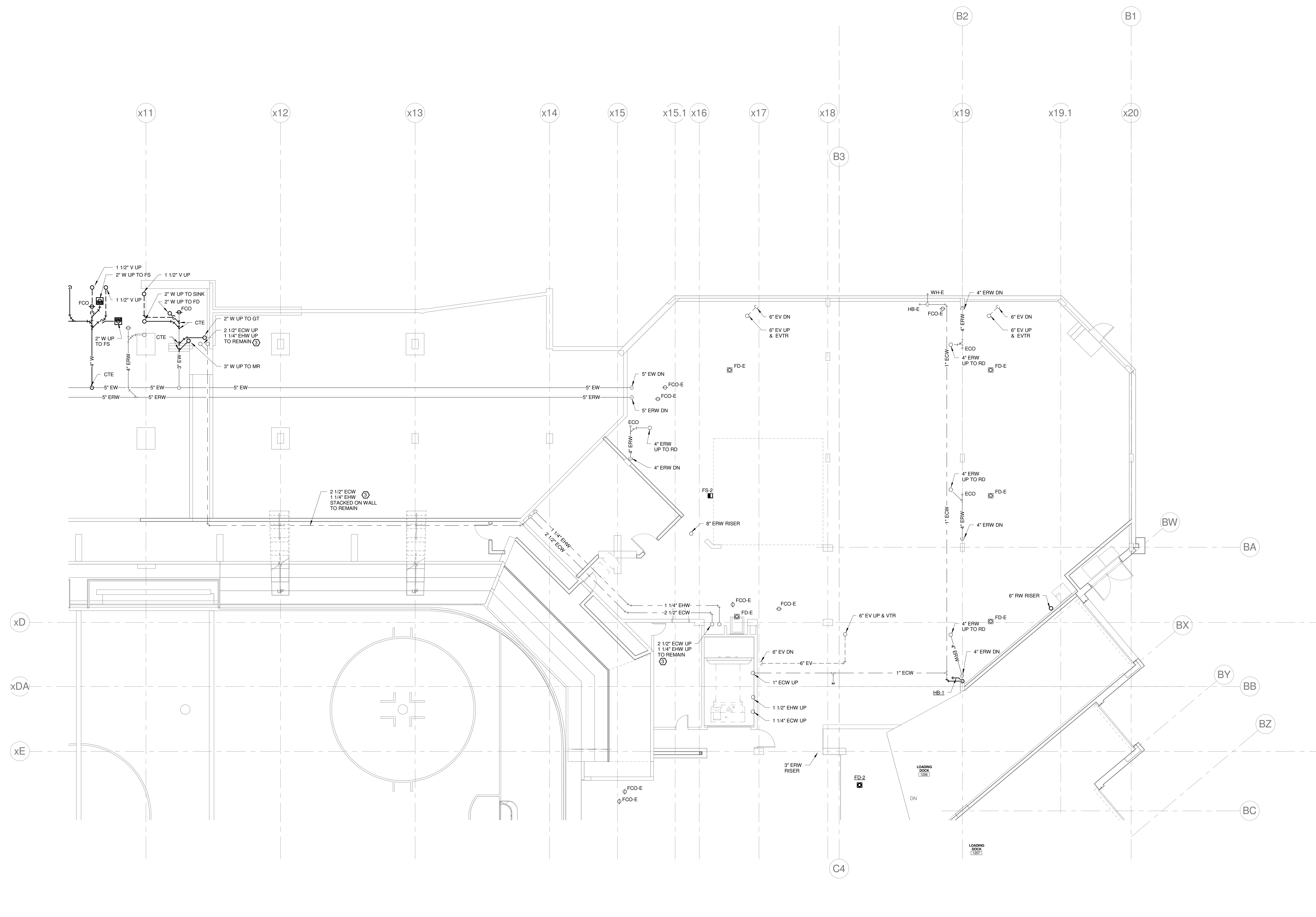
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FAX 303.398.0222

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TECHNICAL NOTES:

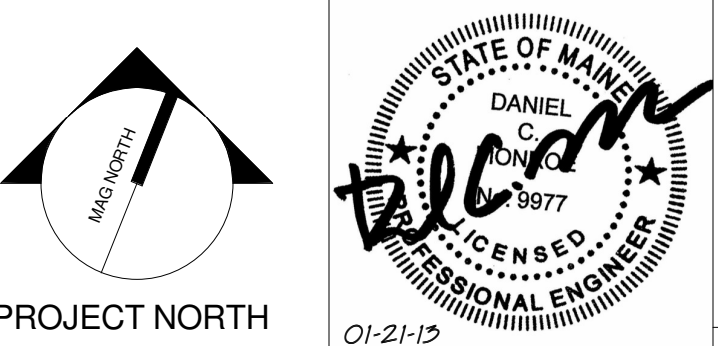
- NO PIPING PERMITTED IN THIS AREA.
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- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EMAX EMT.



REV.	DESCRIPTION	DATE
0	CONSTRUCTION DOCUMENTS	01-21-2013

**CONSTRUCTION DOCUMENTS
01-21-2013**

CURRENT ISSUE STATUS:



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**CUMBERLAND COUNTY CIVIC
CENTER RENOVATION**

PROJECT: PORTLAND, ME
**EVENT LEVEL PLUMBING
PLAN - QUAD B - PHASE 2**

SHEET TITLE:	EVENT LEVEL PLUMBING PLAN - QUAD B - PHASE 2
WBRC CAD FILE:	375700 - 0202 Plumbing_Like.chiaevell.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	P2.12B

1 EVENT LEVEL PLUMBING PLAN - QUAD B - PHASE 2
1/8" = 1'-0"

1/21/2013 1:24:53 PM
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SINK COMBS DETHLEFS

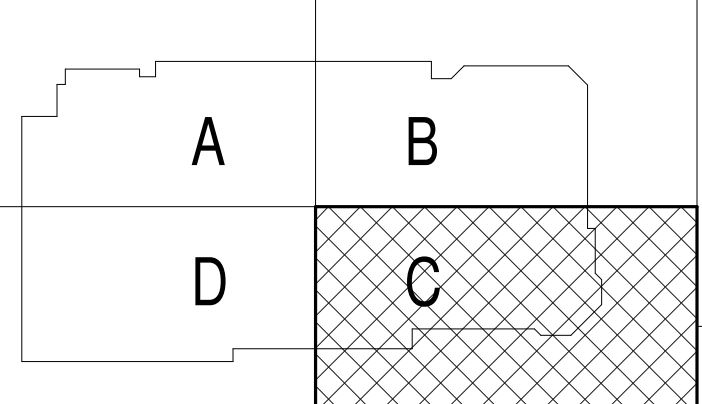
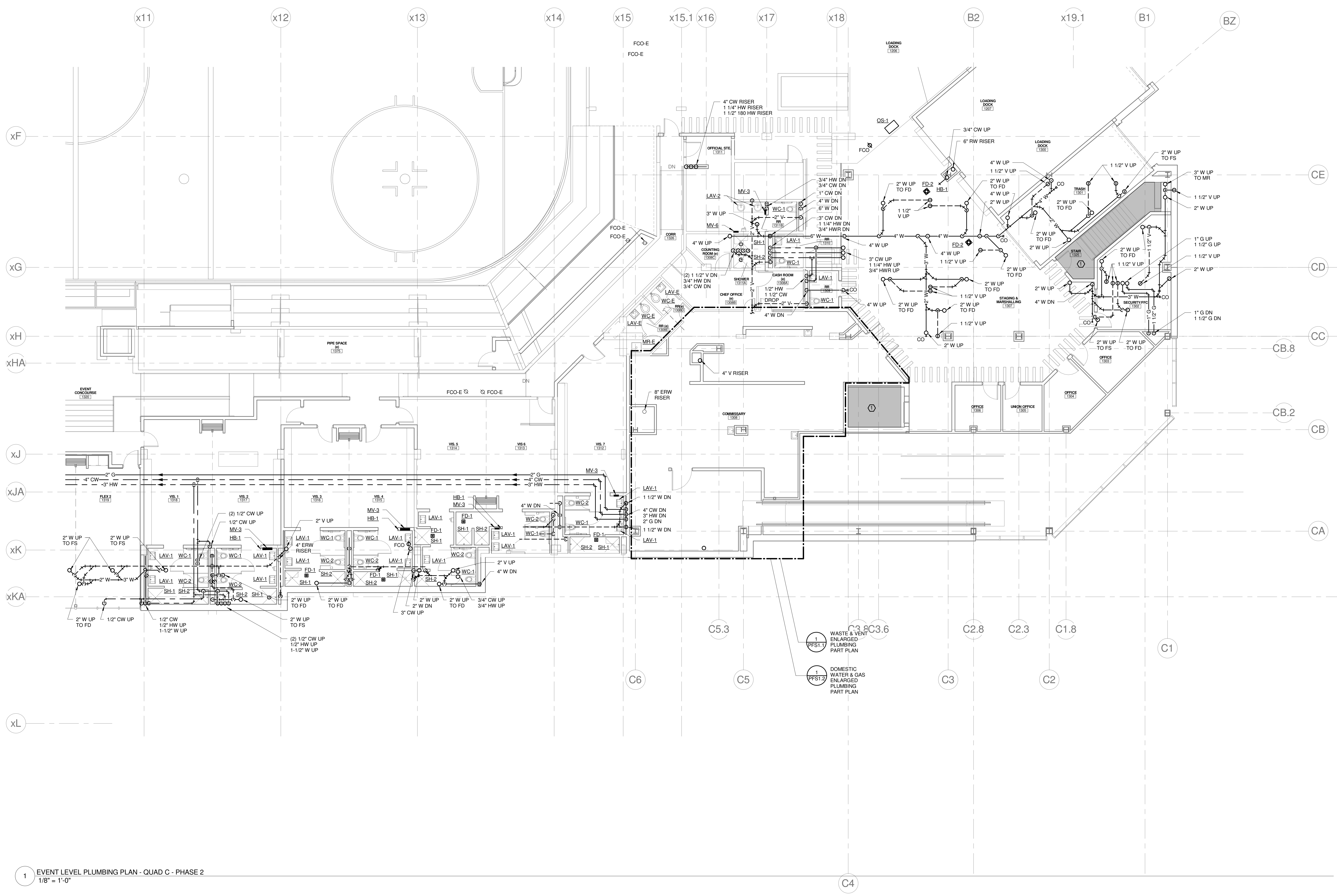
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 303.398.0202

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TECHNICAL NOTES:

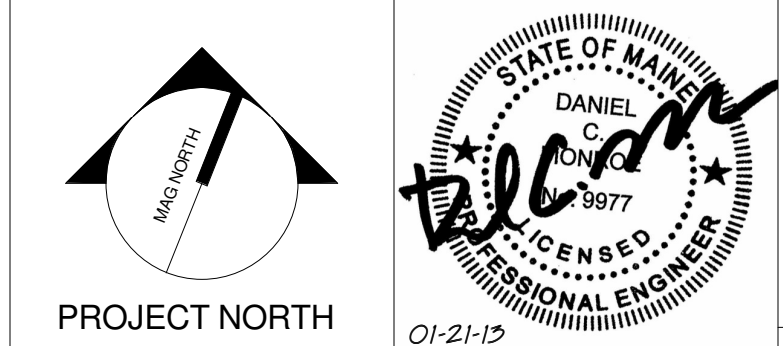
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- CAP EXISTING PIPING BELOW FLOOR.
- REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 3/4" IW. CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN. ROUTE TO TOILET ROOM. DROP IN WALL. PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EEMAX EMT1



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0	CONSTRUCTION DOCUMENTS	01-21-2013

CONSTRUCTION DOCUMENTS
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
 PORTLAND, ME
EVENT LEVEL PLUMBING PLAN - QUAD C - PHASE 2

SHEET TITLE:	EVENT LEVEL PLUMBING PLAN - QUAD C - PHASE 2
WBRC CAD FILE:	375700 - CCCC Plumbing_Like.dwg
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	P2.13B

1 EVENT LEVEL PLUMBING PLAN - QUAD C - PHASE 2
 1/8" = 1'-0"

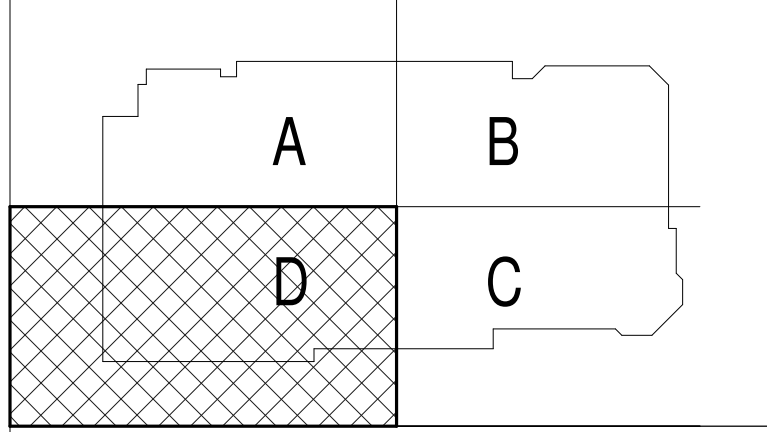
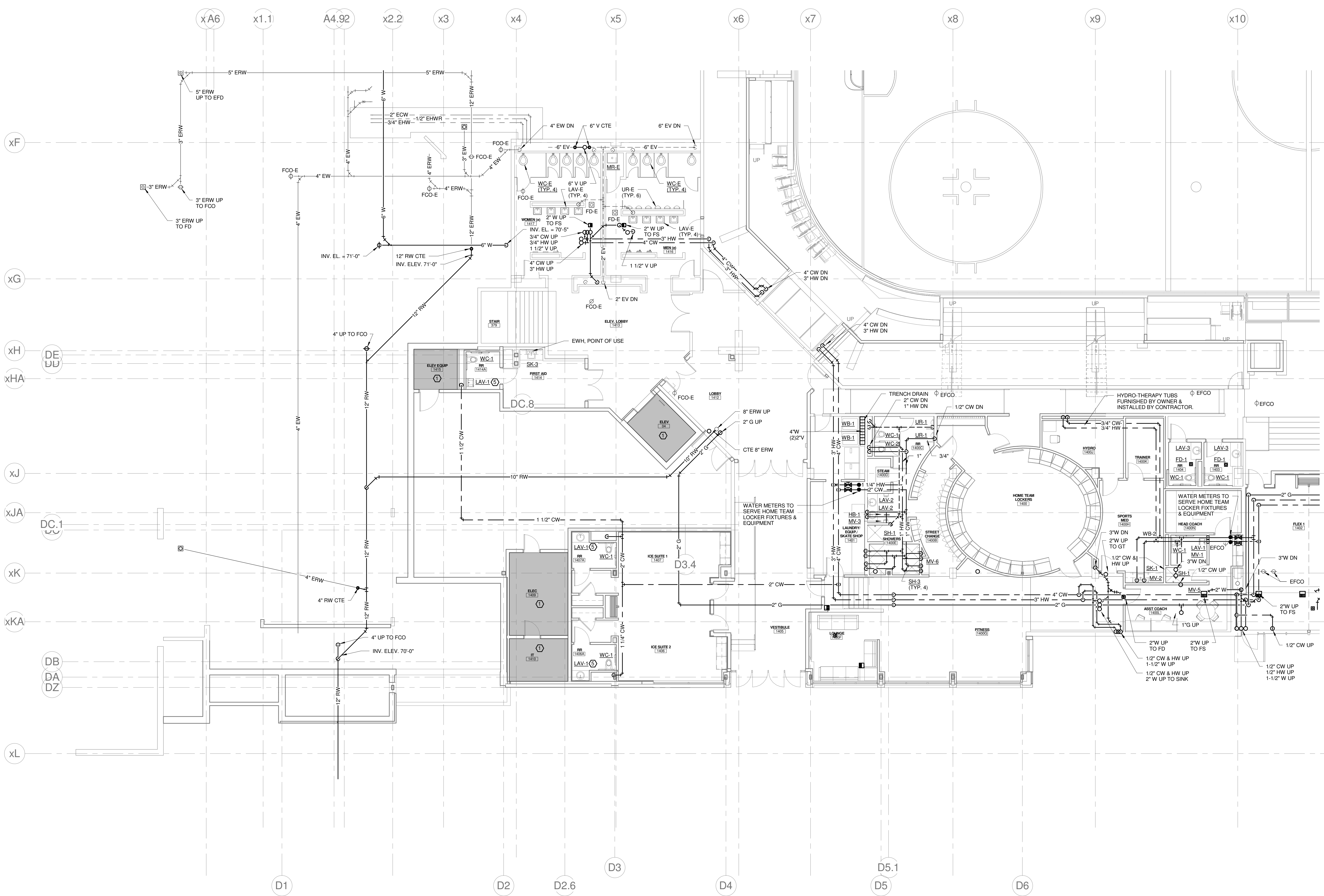
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GENERAL NOTES:

- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

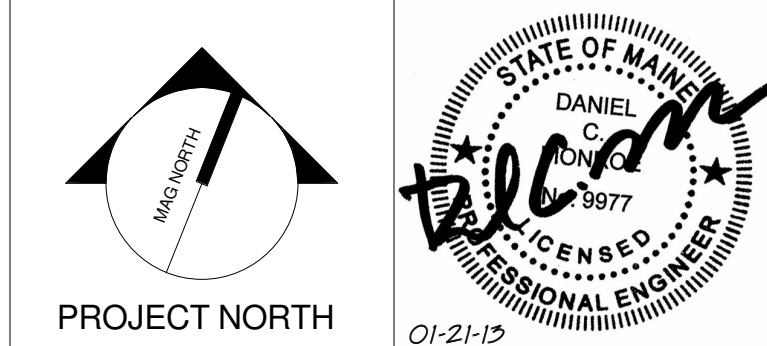
- NO PIPING PERMITTED IN THIS AREA.
- CAP EXISTING PIPING BELOW FLOOR.
- REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 3/4" HW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN. ROUTE TO TOILET ROOM, DROP IN WALL, PROVIDE WYE FITTING AT LAV TAIL RISE, & CONNECT TO INLET SIDE OF TRAP, COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EMAX EMT1



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PROJECT: PORTLAND, ME
EVENT LEVEL PLUMBING PLAN - QUAD D - PHASE 2

SHEET TITLE:	WBRC CAD FILE:	375700 - DCCC Plumbing.dwg
PROJECT No.:	3757.00	GRAPHIC SCALE: 0'
SCALE:	As indicated	1"
PROJECT MANAGER:	JRB	SHEET No.:
DRAWN BY:	LAC	P2.14B
CHECKED BY:	DMON	

1 EVENT LEVEL PLUMBING PLAN - QUAD 2 - PHASE 2
1/8" = 1'-0"

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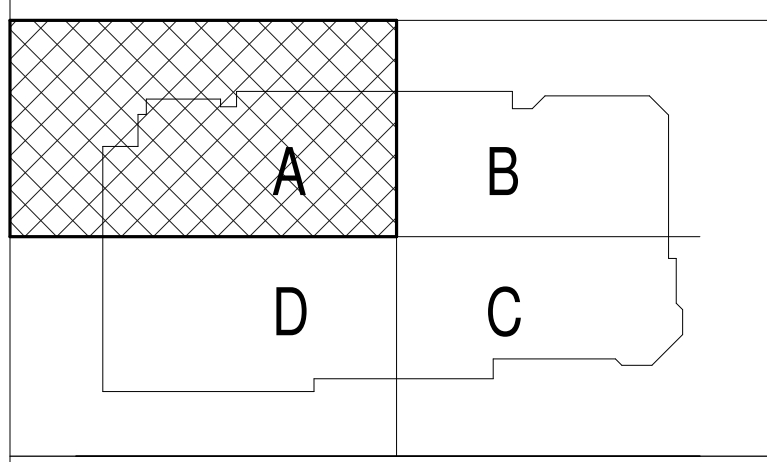
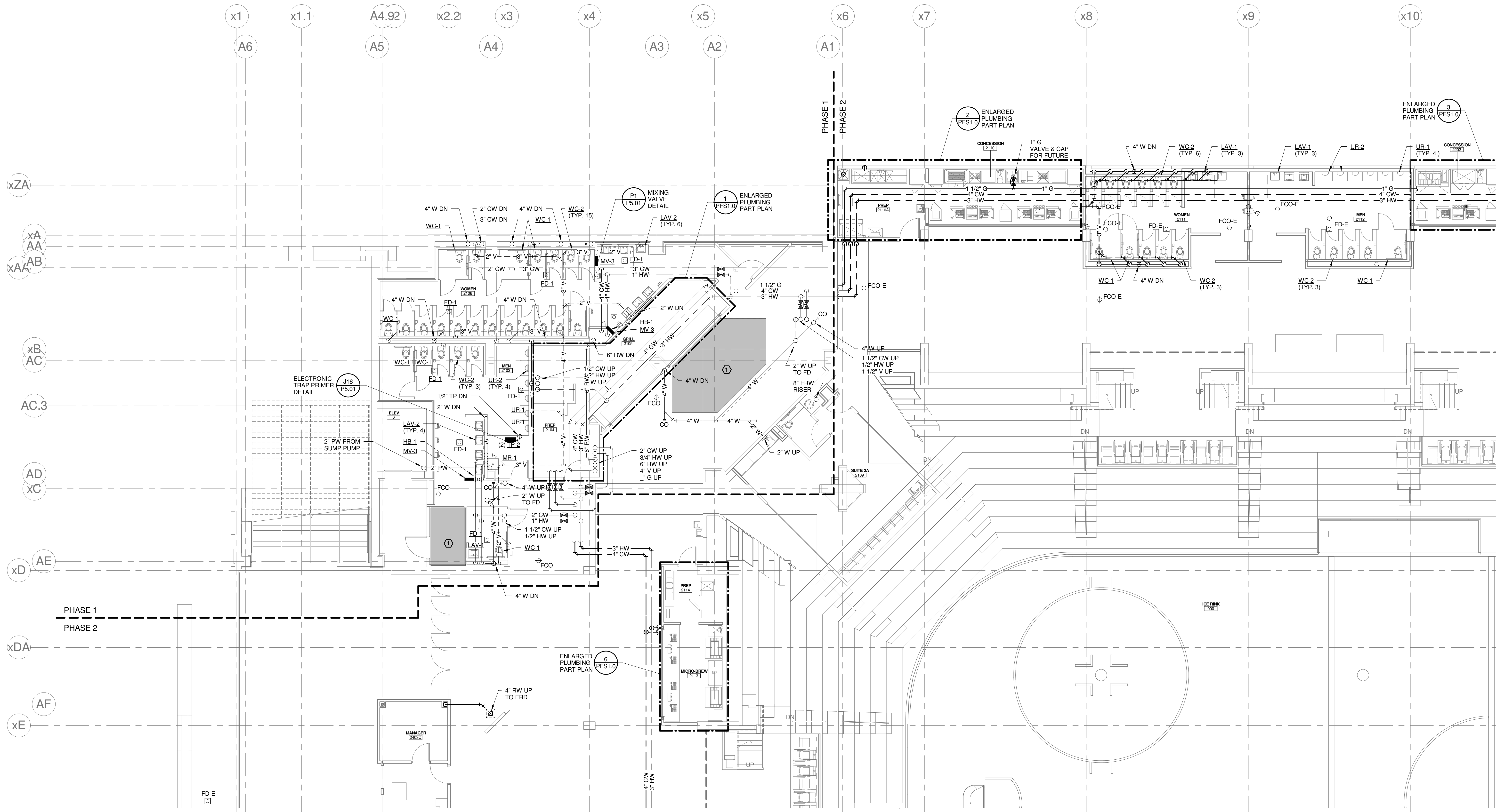
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GENERAL NOTES:

- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

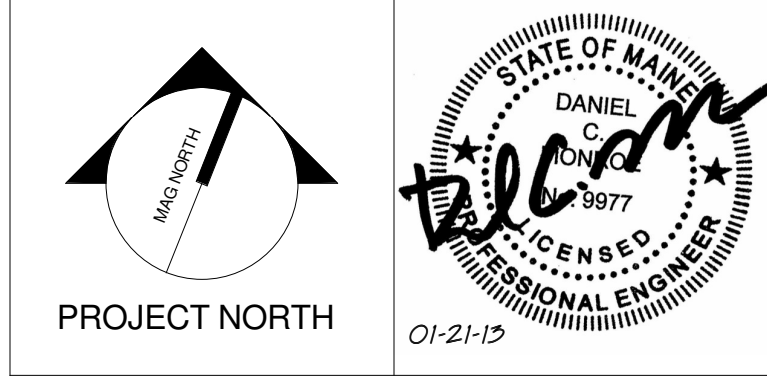
- NO PIPING PERMITTED IN THIS AREA.
- CAP EXISTING PIPING BELOW FLOOR.
- REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 3/4" IW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN, ROUTE TO TOILET ROOM. DROP IN WALL, PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP, COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EEMAX EMT1



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
CONCOURSE LEVEL PLUMBING PLAN - QUAD A - PHASE 2

SHEET TITLE:	375700 - CCCC Plumbing
WBRC CAD FILE:	375700 - CCCC Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	P2.21B

1 CONCOURSE LEVEL PLUMBING PLAN
1/8" = 1'-0"

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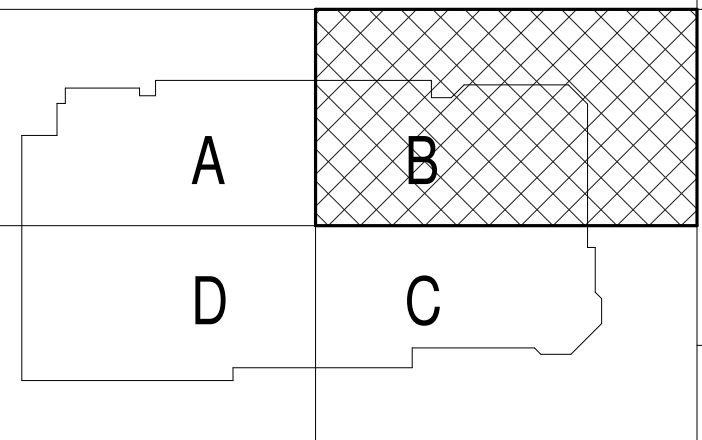
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GENERAL NOTES:

- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

- NO PIPING PERMITTED IN THIS AREA.
- CAP EXISTING PIPING BELOW FLOOR.
- REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 3/4" IW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN. ROUTE TO TOILET ROOM. DROP IN WALL. PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EEMAX EMT1



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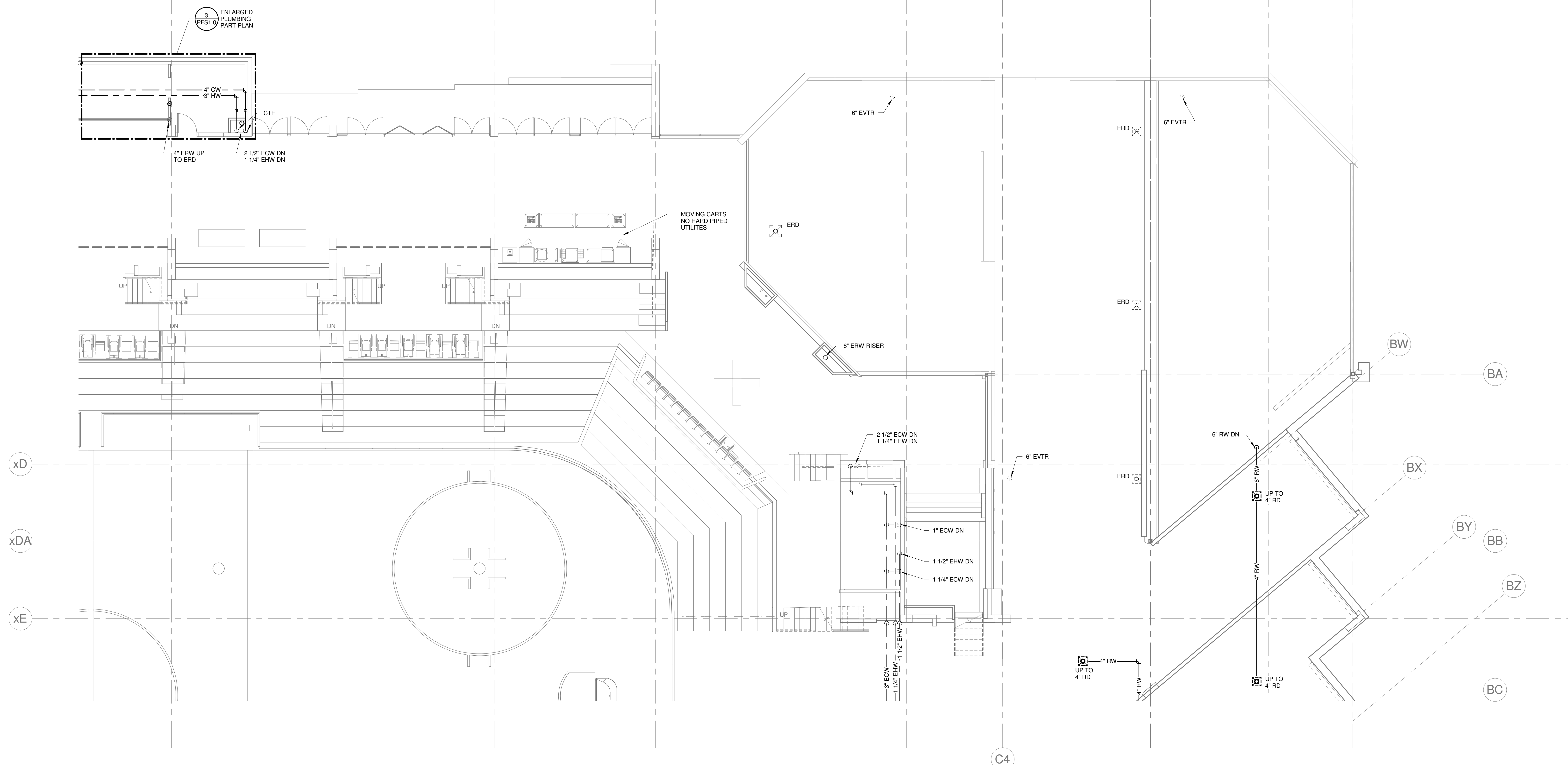


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
**CONCOURSE LEVEL
PLUMBING PLAN - QUAD B -
PHASE 2**

SHEET TITLE:	375700 - CCCC Plumbing.rvt
WBRC CAD FILE:	375700 - CCCC Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	P2.22B



**1 CONCOURSE LEVEL PLUMBING PLAN - QUAD B - PHASE 2
1/8" = 1'-0"**

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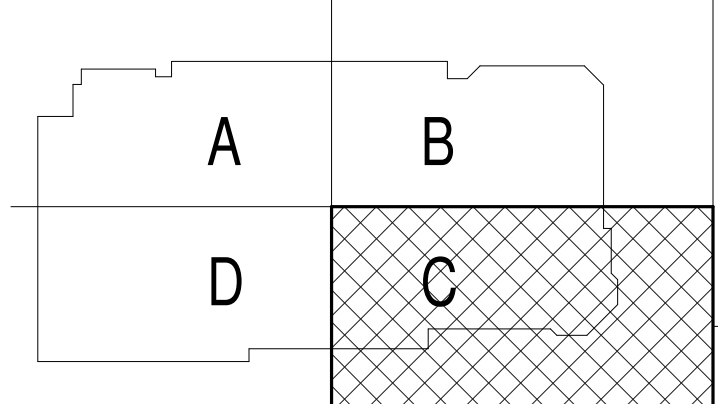
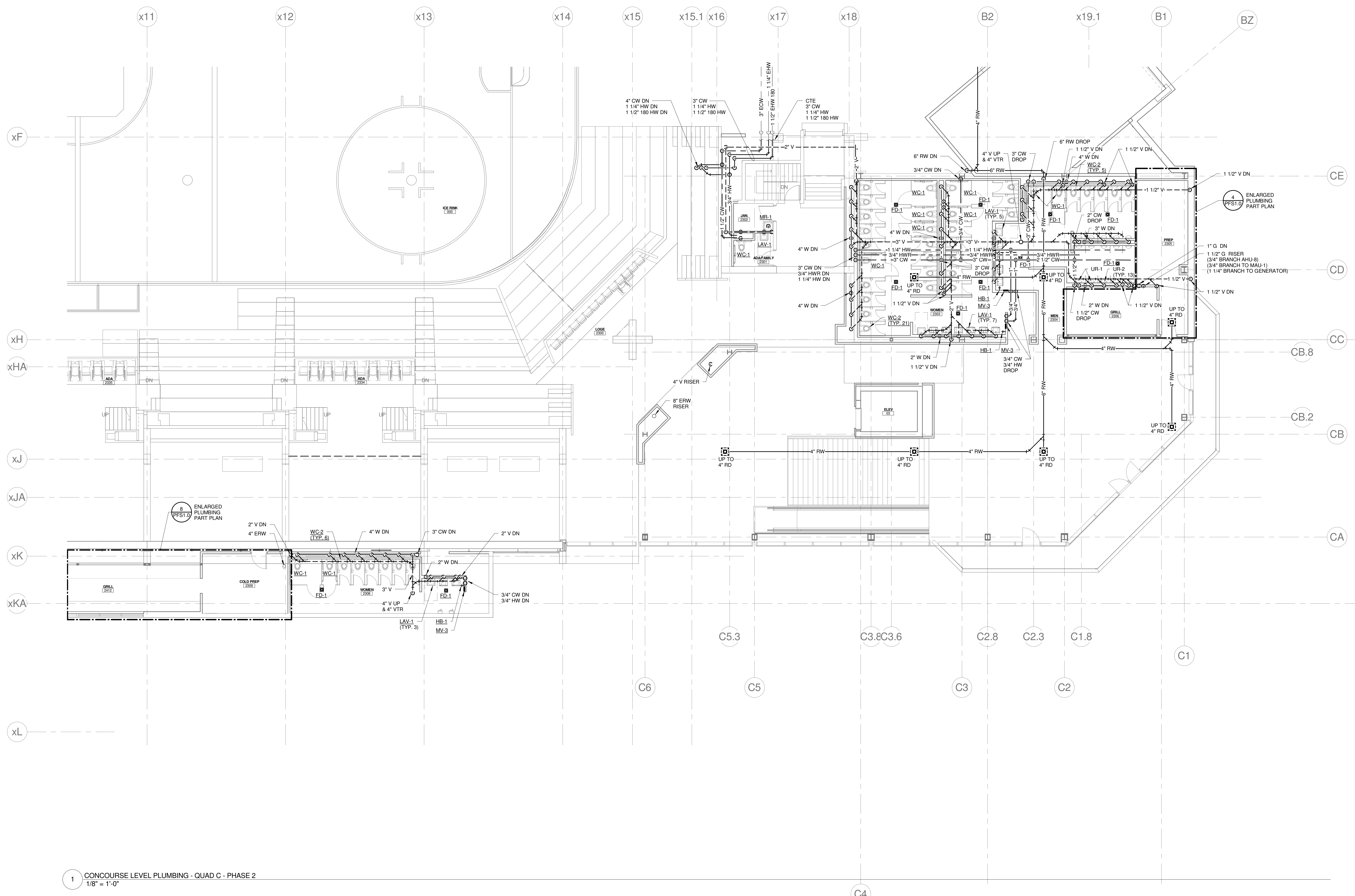
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- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
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TECHNICAL NOTES:

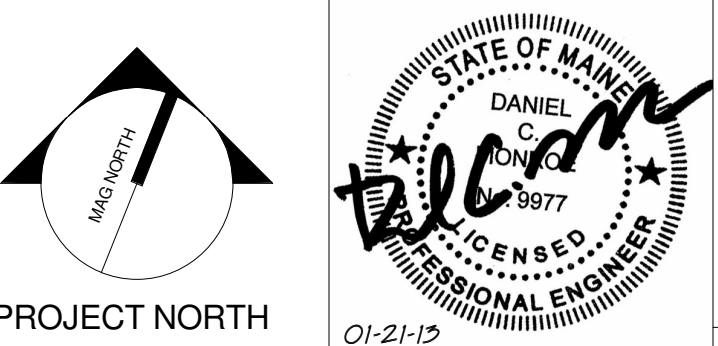
- NO PIPING PERMITTED IN THIS AREA.
- CAP EXISTING PIPING BELOW FLOOR.
- REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 3/4" IW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN, ROUTE TO TOILET ROOM. DROP IN WALL. PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EMAX EMT1



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
CONCOURSE LEVEL PLUMBING PLAN - QUAD C - PHASE 2

SHEET TITLE:	375700 - CCCC Plumbing	GRAPHIC SCALE:	1" = 1'
PROJECT No.:	3757.00	SCALE:	As indicated
PROJECT MANAGER:	JRB	DRAWN BY:	LAC
CHECKED BY:	DMON	SHEET No.:	P2.23B

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 1/8" = 1'-0"

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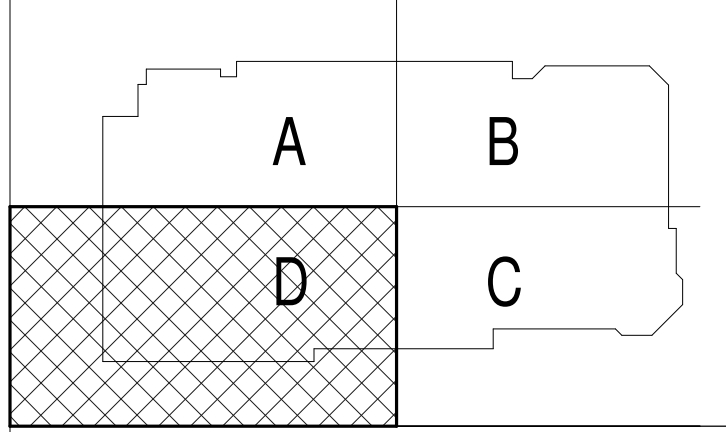
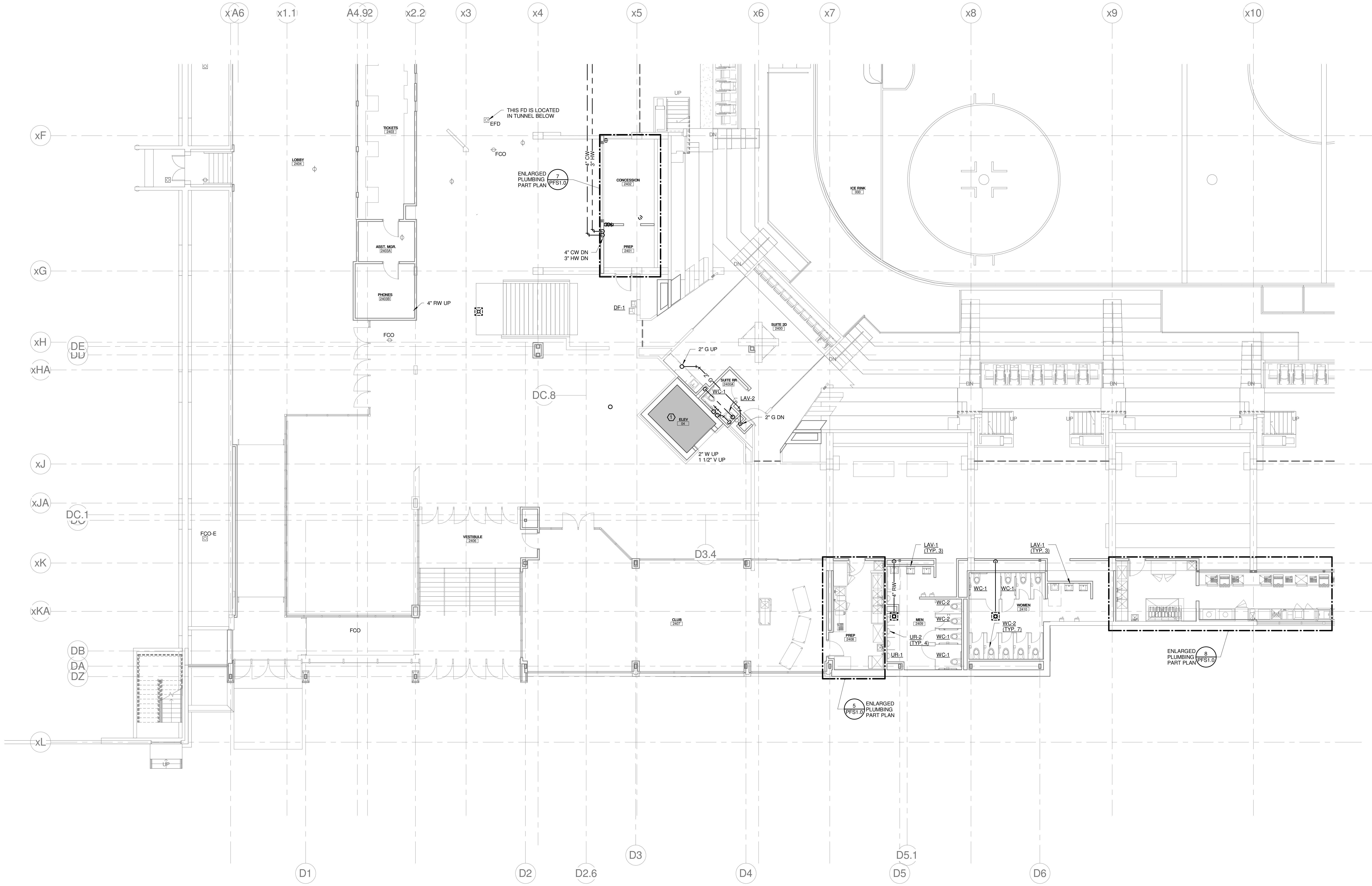
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GENERAL NOTES:

- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
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- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
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TECHNICAL NOTES:

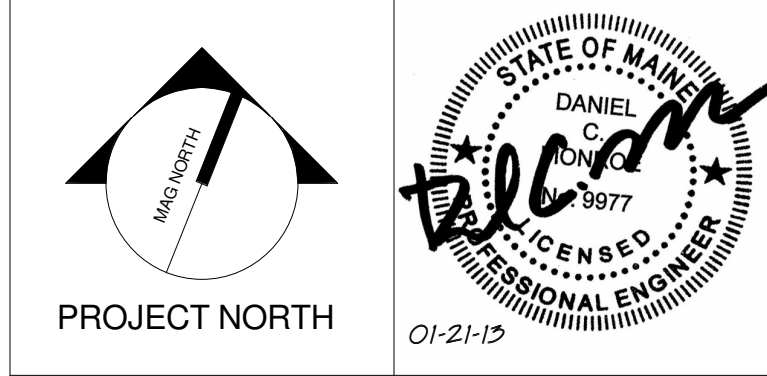
- NO PIPING PERMITTED IN THIS AREA.
- CAP EXISTING PIPING BELOW FLOOR.
- REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 3/4" IW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN. ROUTE TO TOILET ROOM, DROP IN WALL, PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP, COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EMAX EMT1



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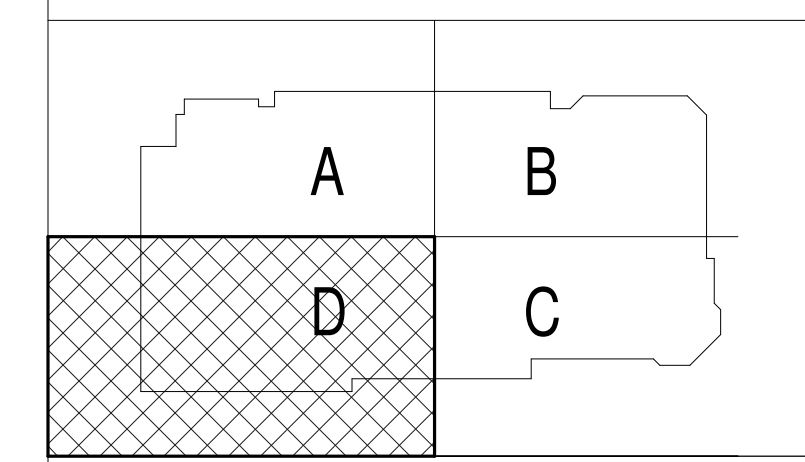
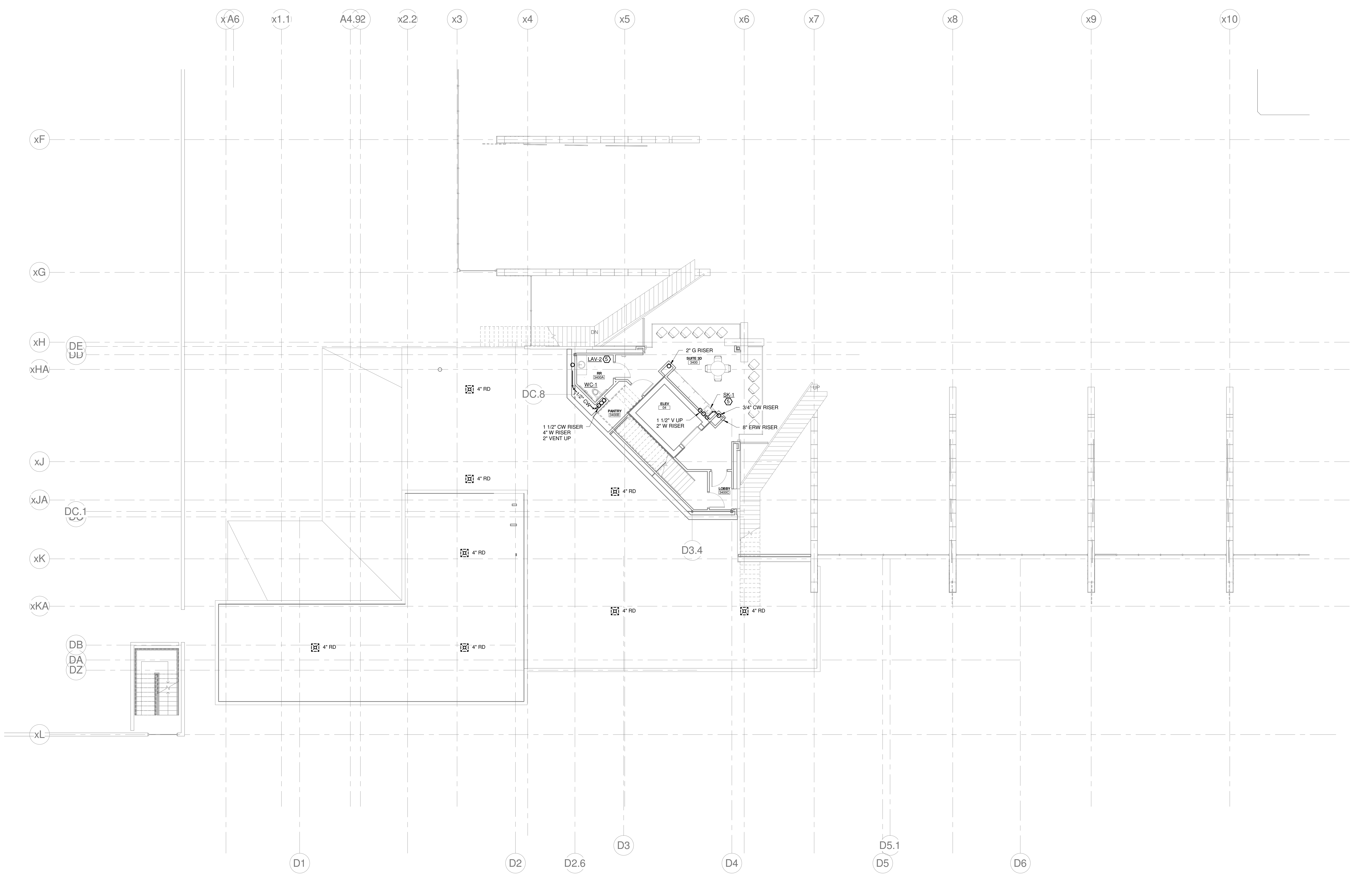
CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
**CONCOURSE LEVEL
 PLUMBING PLAN - QUAD D -
 PHASE 2**

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WBRC CAD FILE:	375700 - CCCC Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	As indicated
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	P2.24B

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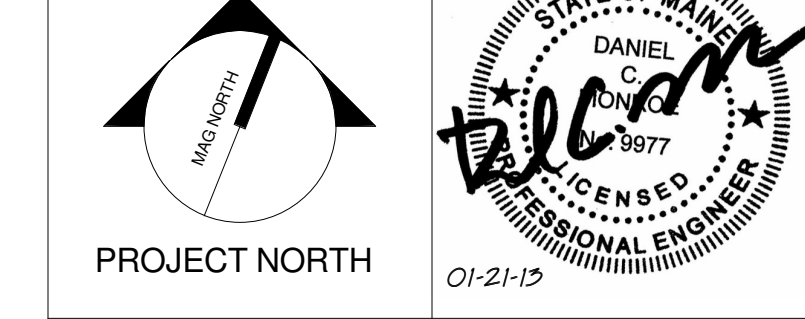
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PROJECT: PORTLAND, ME
MID SUITES LEVEL PLUMBING PLAN - QUAD D - PHASE 2

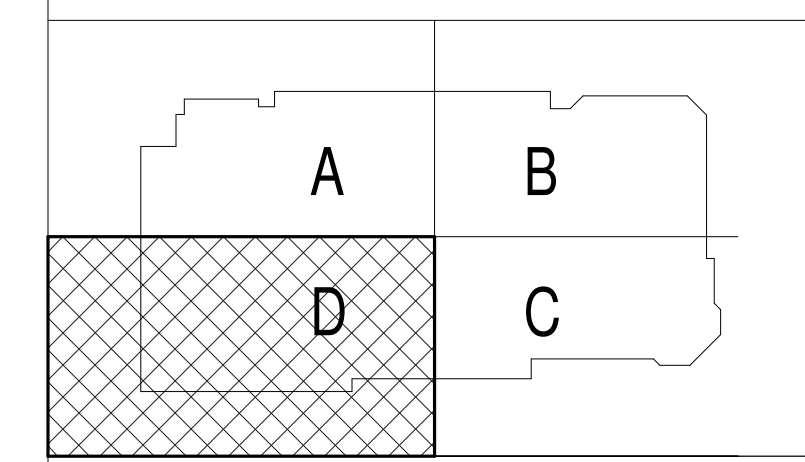
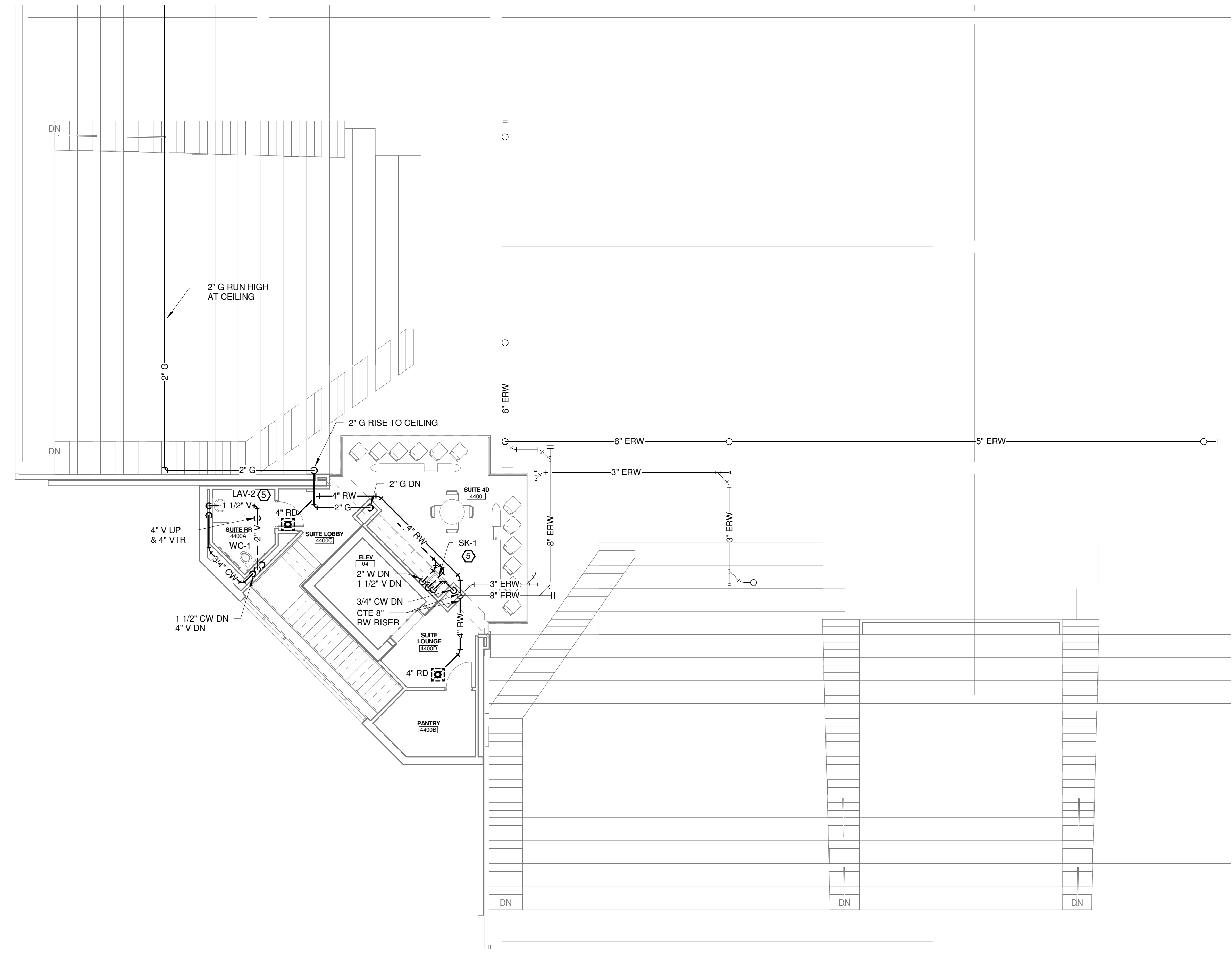
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PROJECT No. 3757.00	SCALE: 1/8" = 1'-0"
PROJECT MANAGER: JRB	SHEET No. P2.34B
DRAWN BY: LAC	
CHECKED BY: DMON	

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1 P2.34
1/8" = 1'-0"

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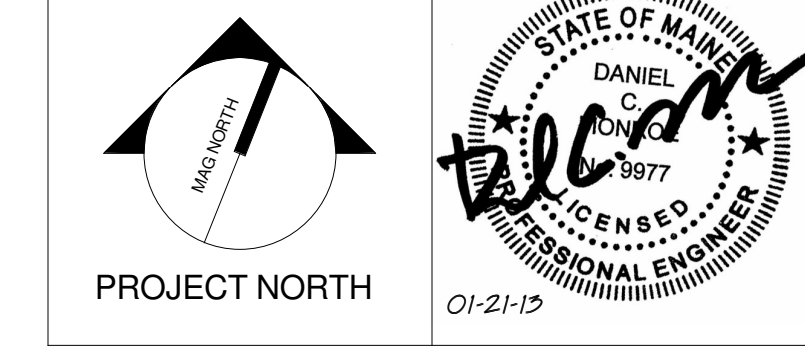
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
UPPER SUITES LEVEL PLUMBING PLAN - QUAD D - PHASE 2

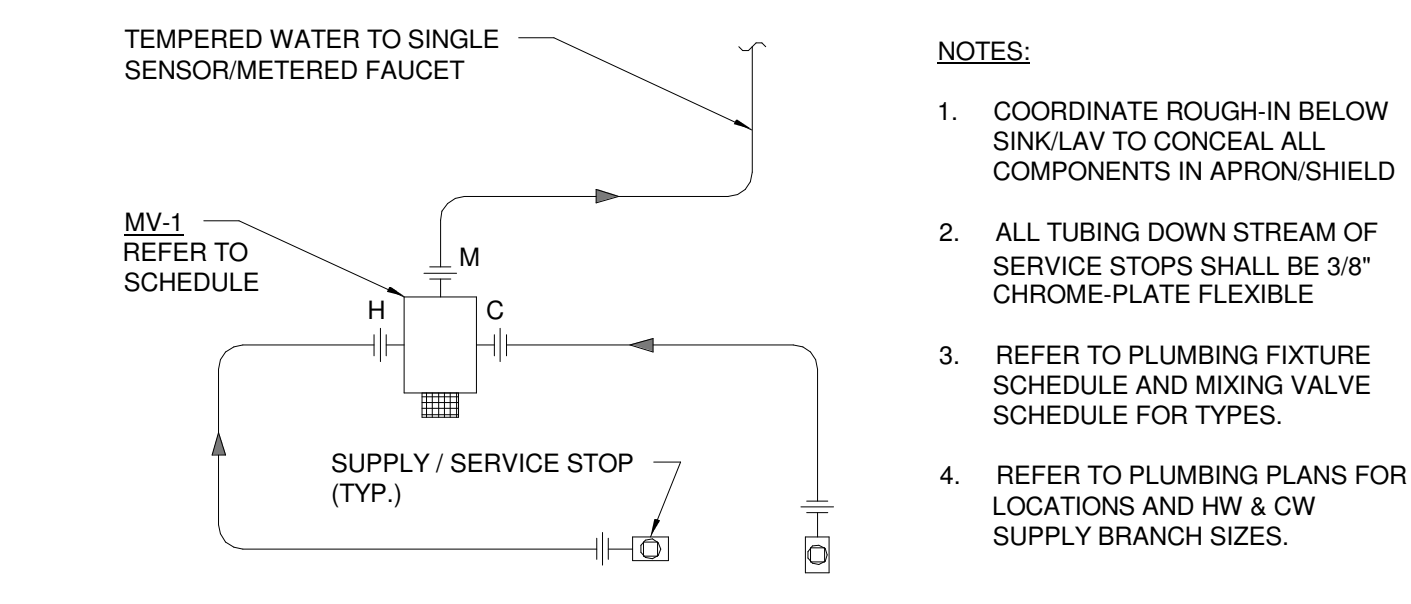
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WBRC CAD FILE:	375700 - 0200 Plumbing.rvt
PROJECT No.:	3757.00
SCALE:	1/8" = 1'-0"
PROJECT MANAGER:	JRB
DRAWN BY:	LAC
CHECKED BY:	DMON
SHEET No.:	P2.44B

1 UPPER SUITES LEVEL PLUMBING PLAN - QUAD A - PHASE 1
1/8" = 1'-0"

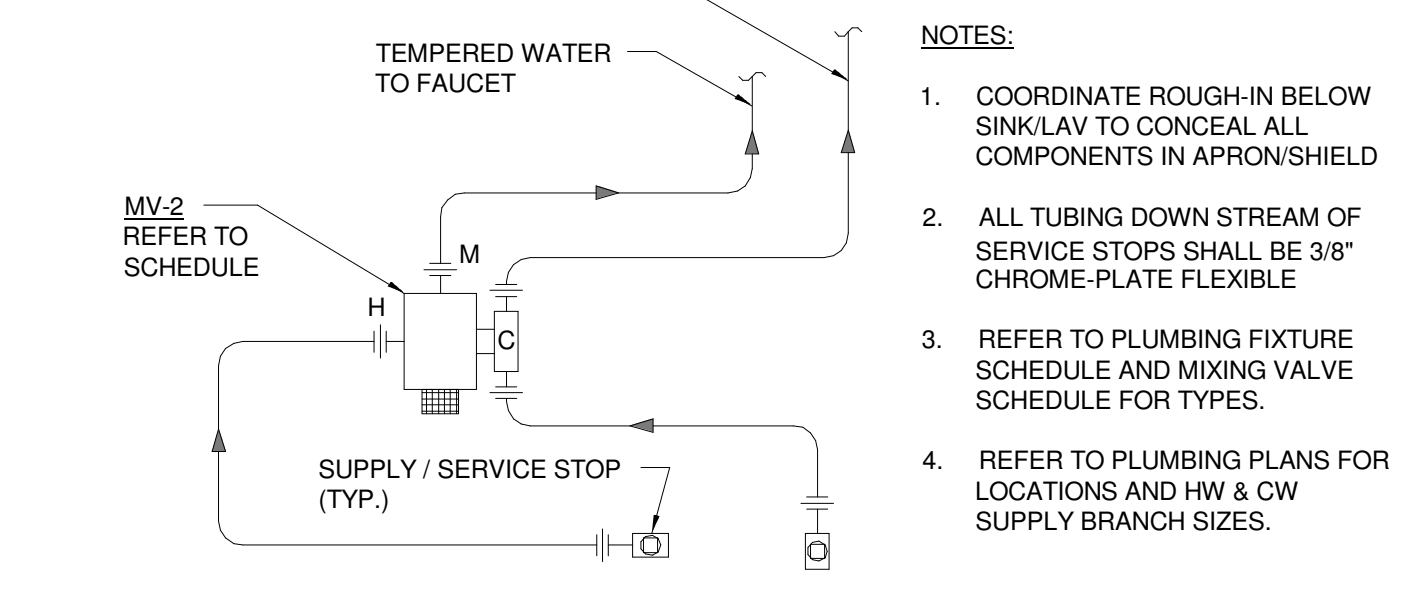
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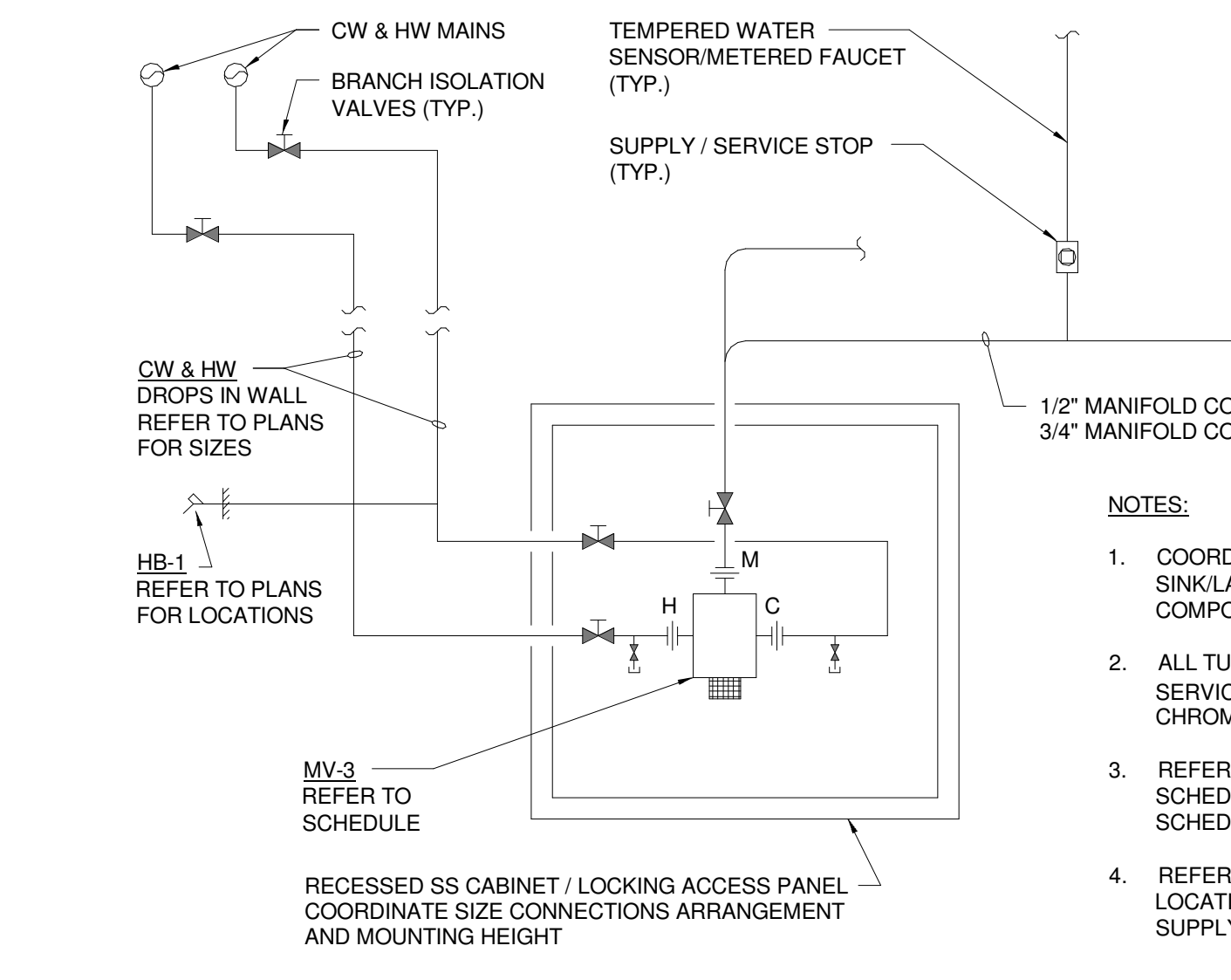
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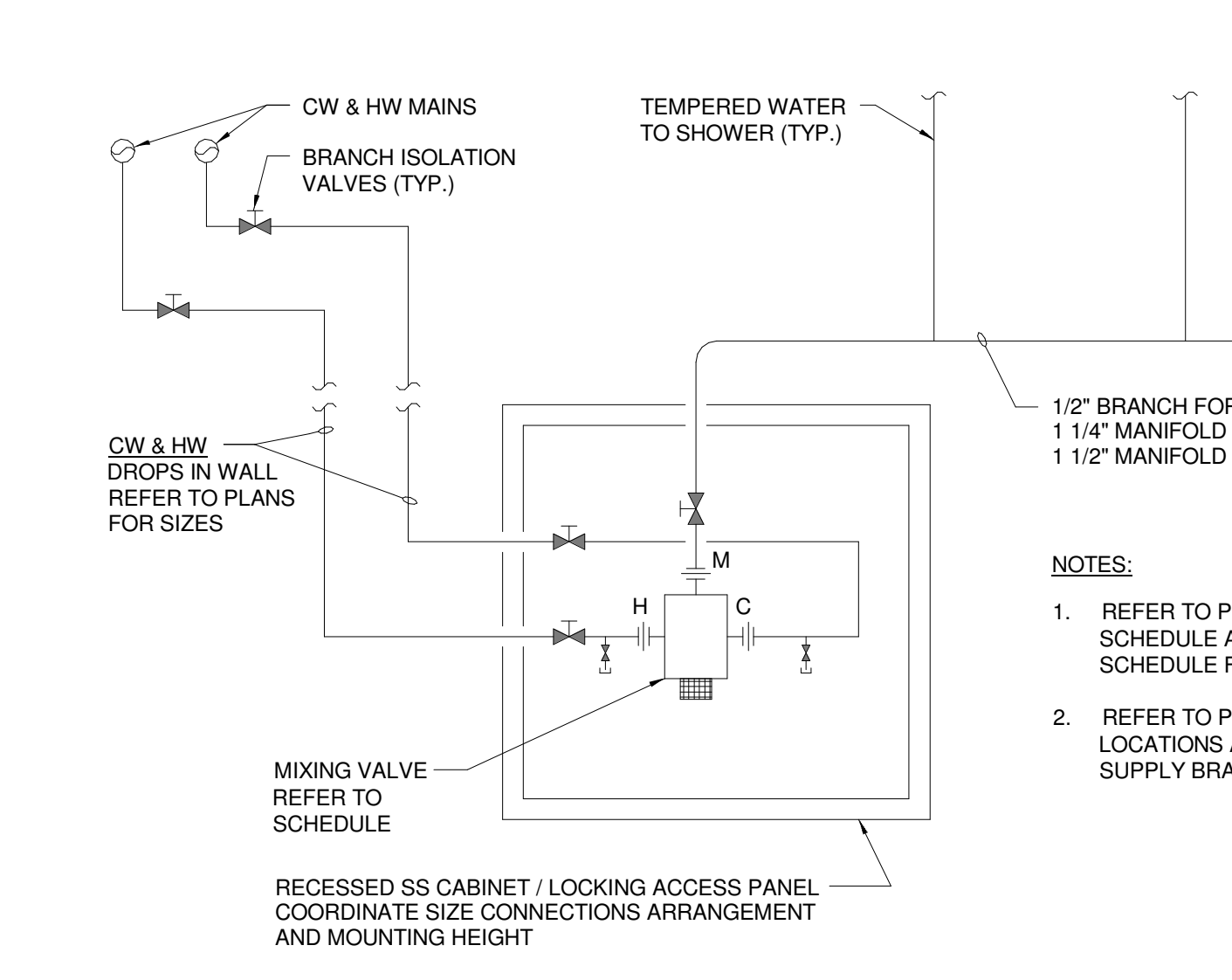
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NOT TO SCALE



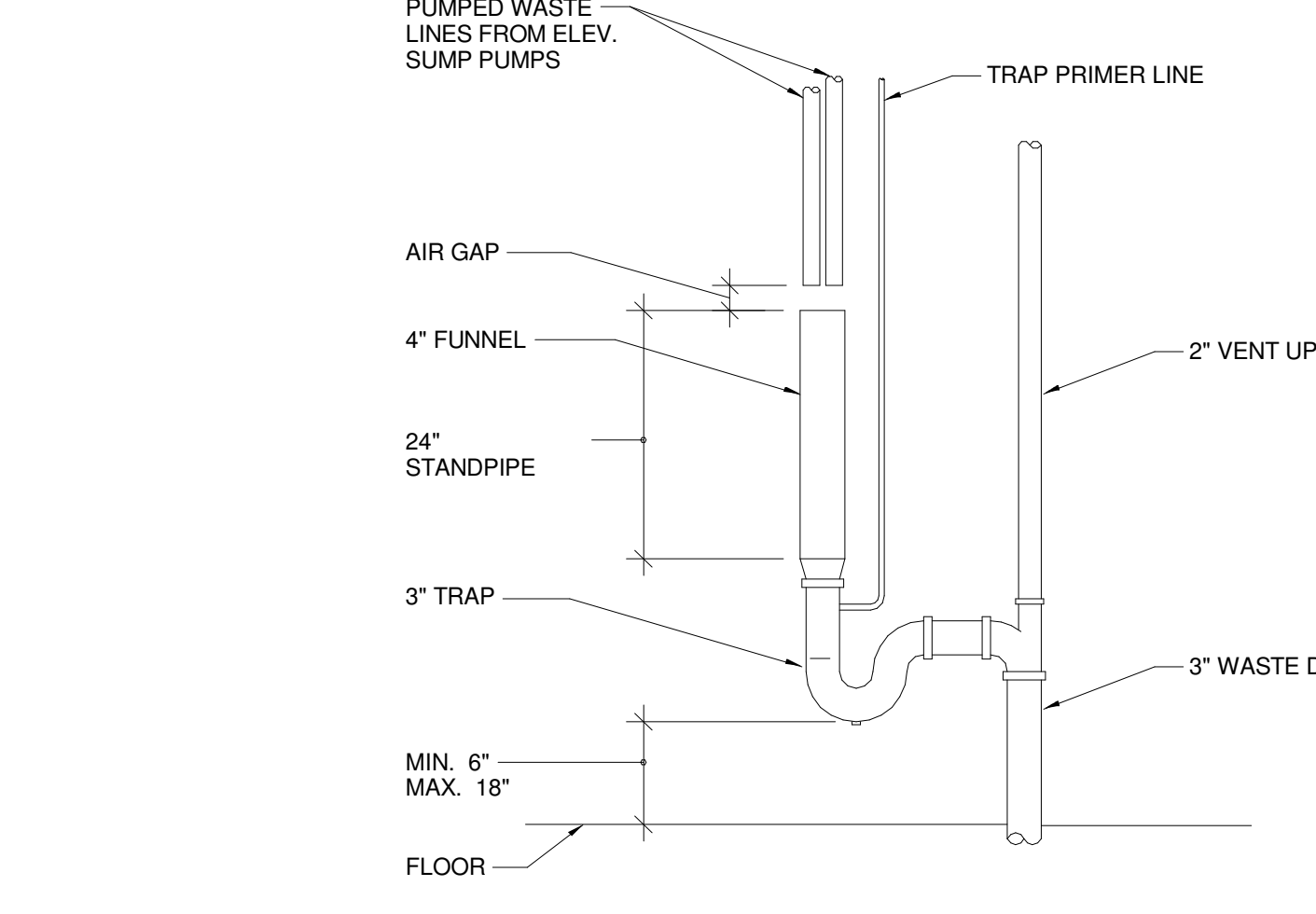
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NOT TO SCALE



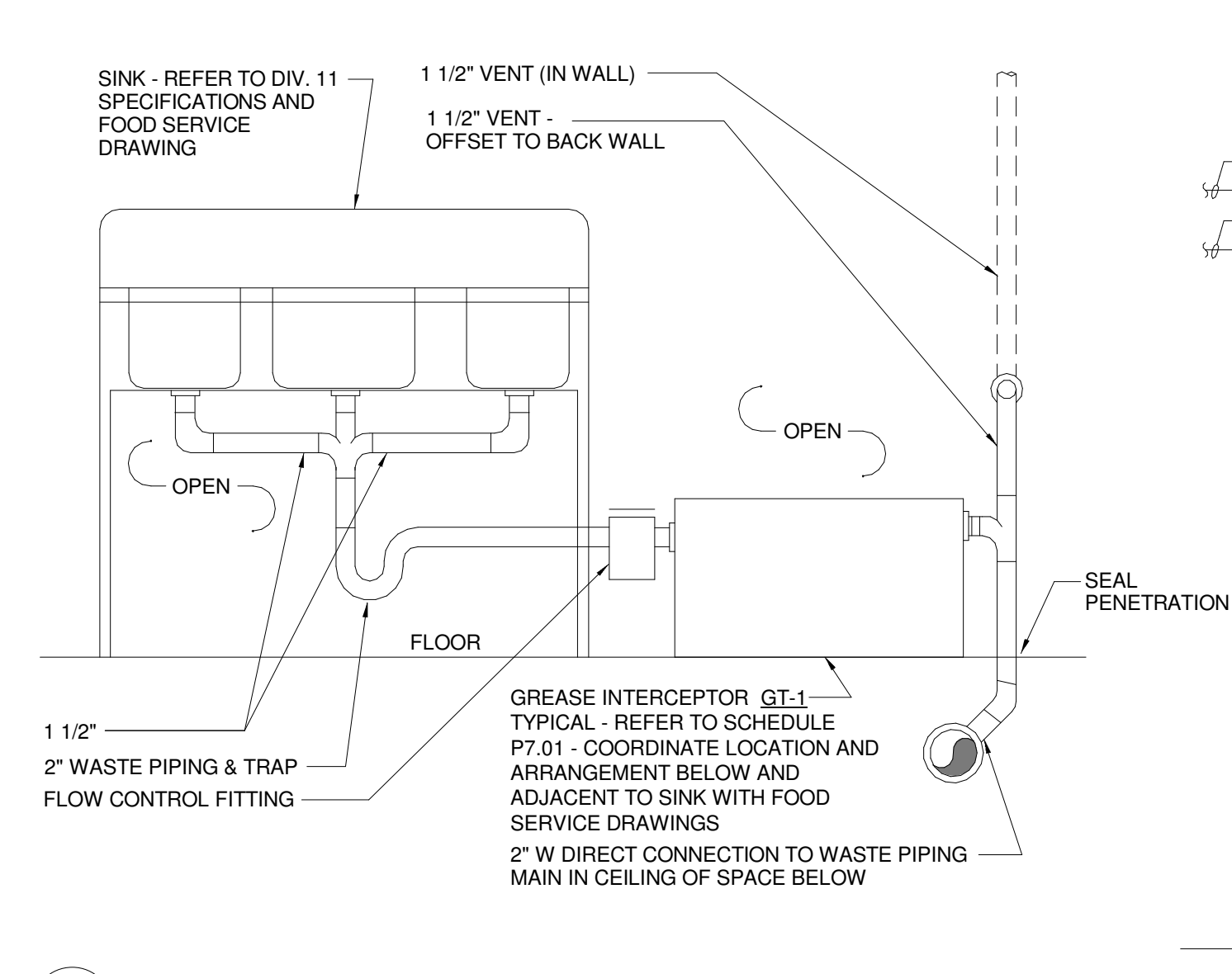
J1 MIXING VALVE MV-3 SCHEMATIC (MULTIPLE SINK/ LAV W/ SENSOR FAUCET)
1/4" = 1'-0"



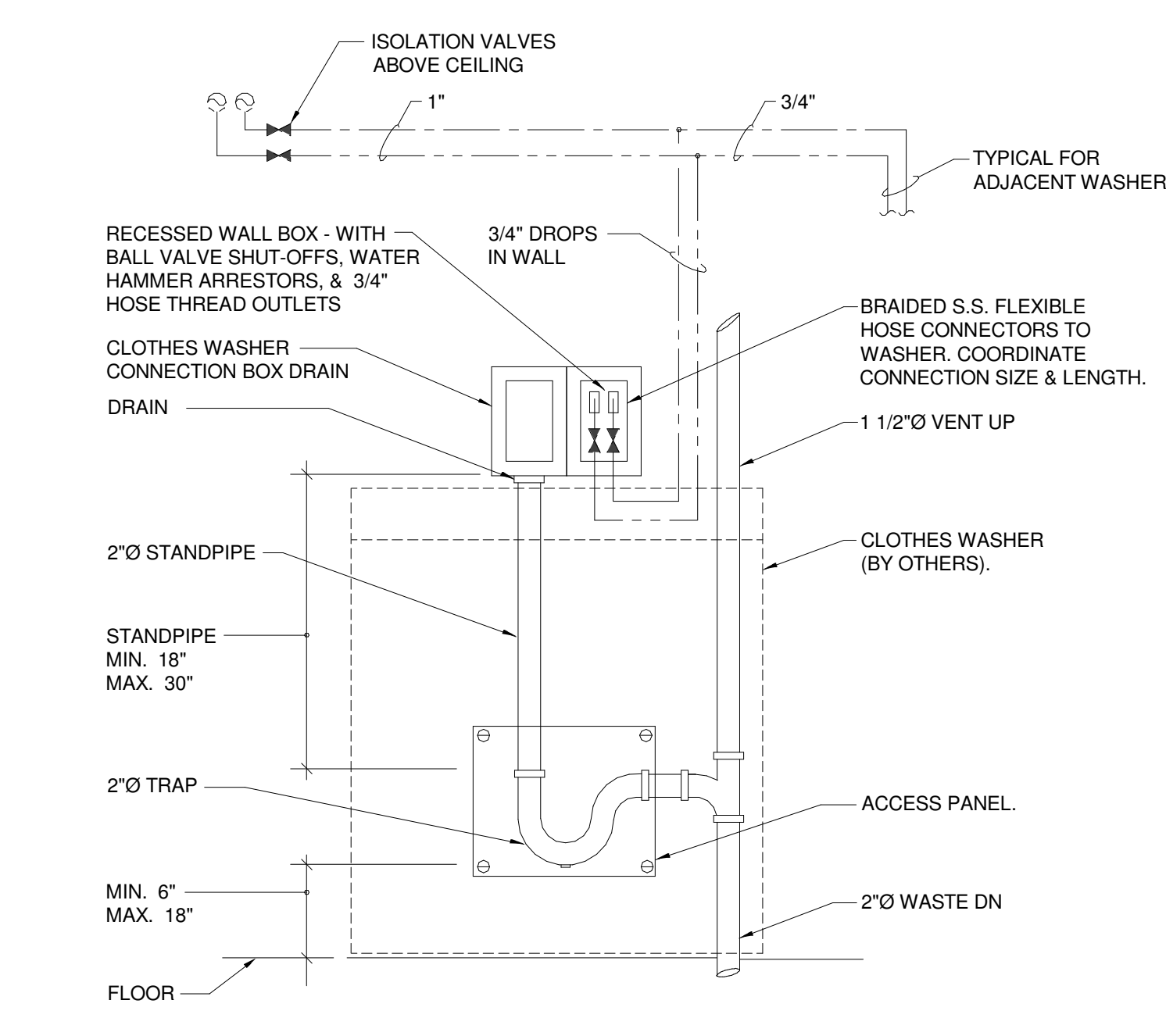
E1 MIXING VALVE MV-5,6,7 SCHEMATIC (MULTIPLE SHOWERS) (PH2 DD)
NOT TO SCALE



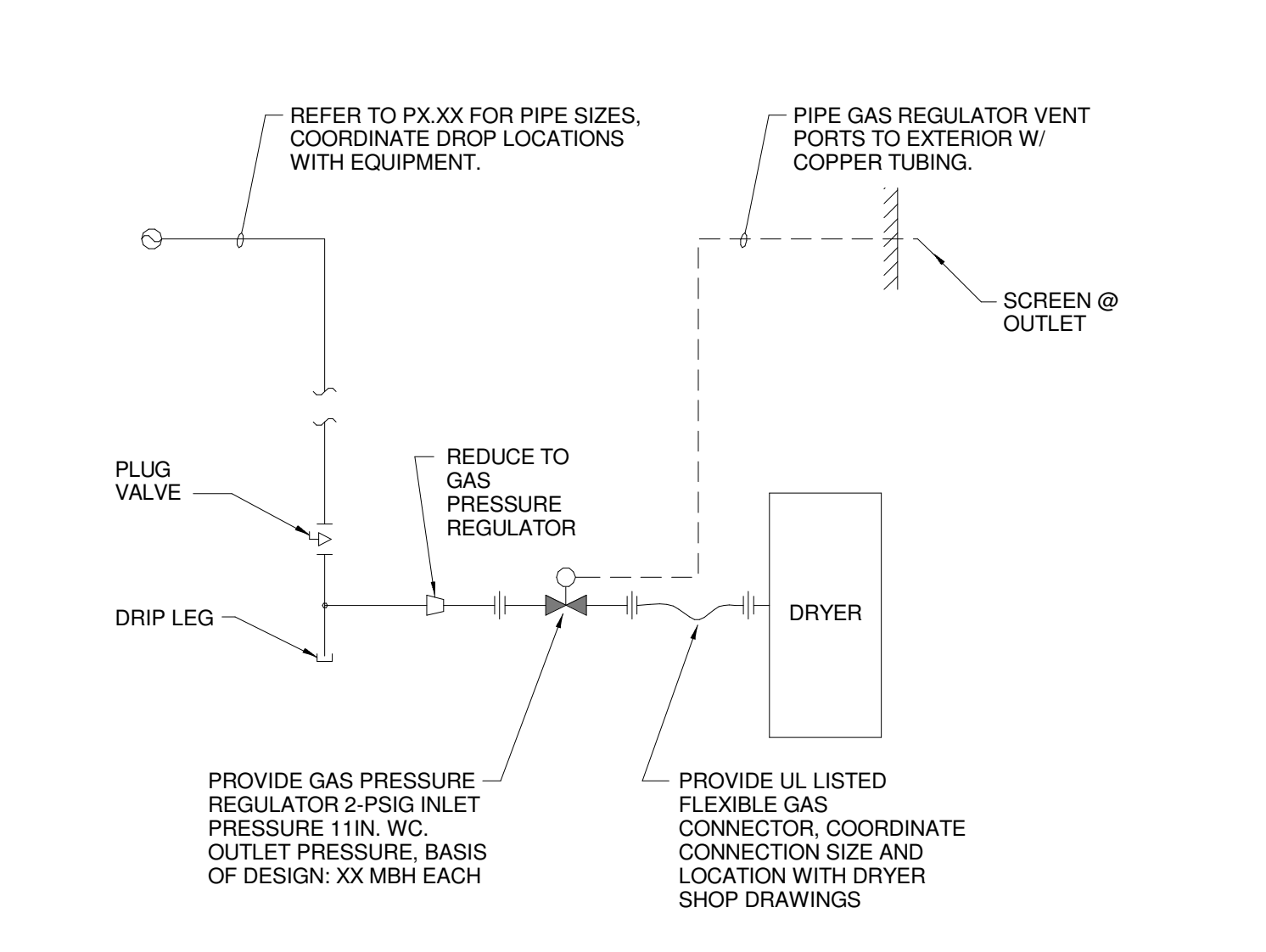
A1 STAND DRAIN PIPING SCHEMATIC
NOT TO SCALE



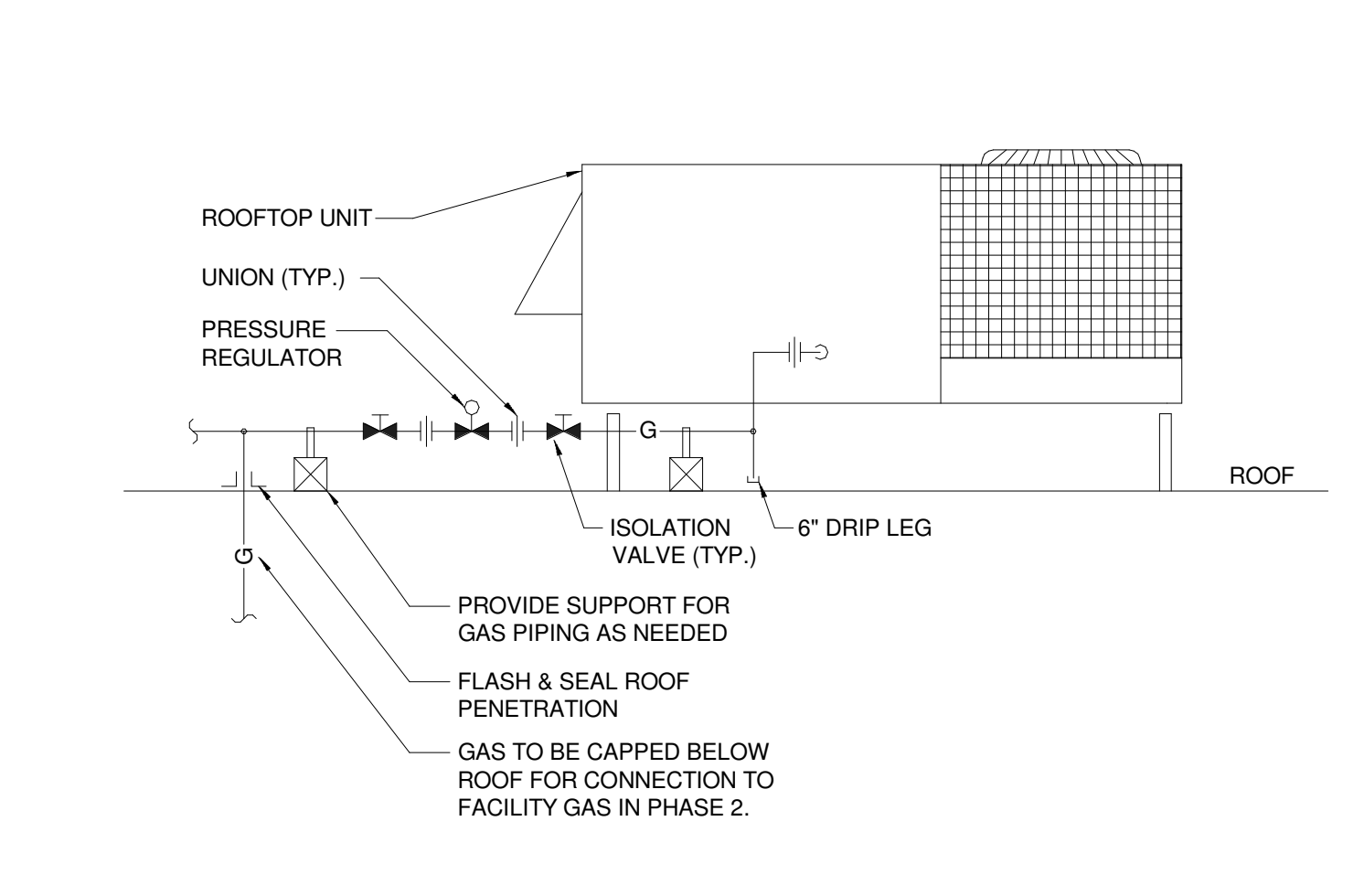
N7 GREASE INTERCEPTOR DETAIL
NOT TO SCALE



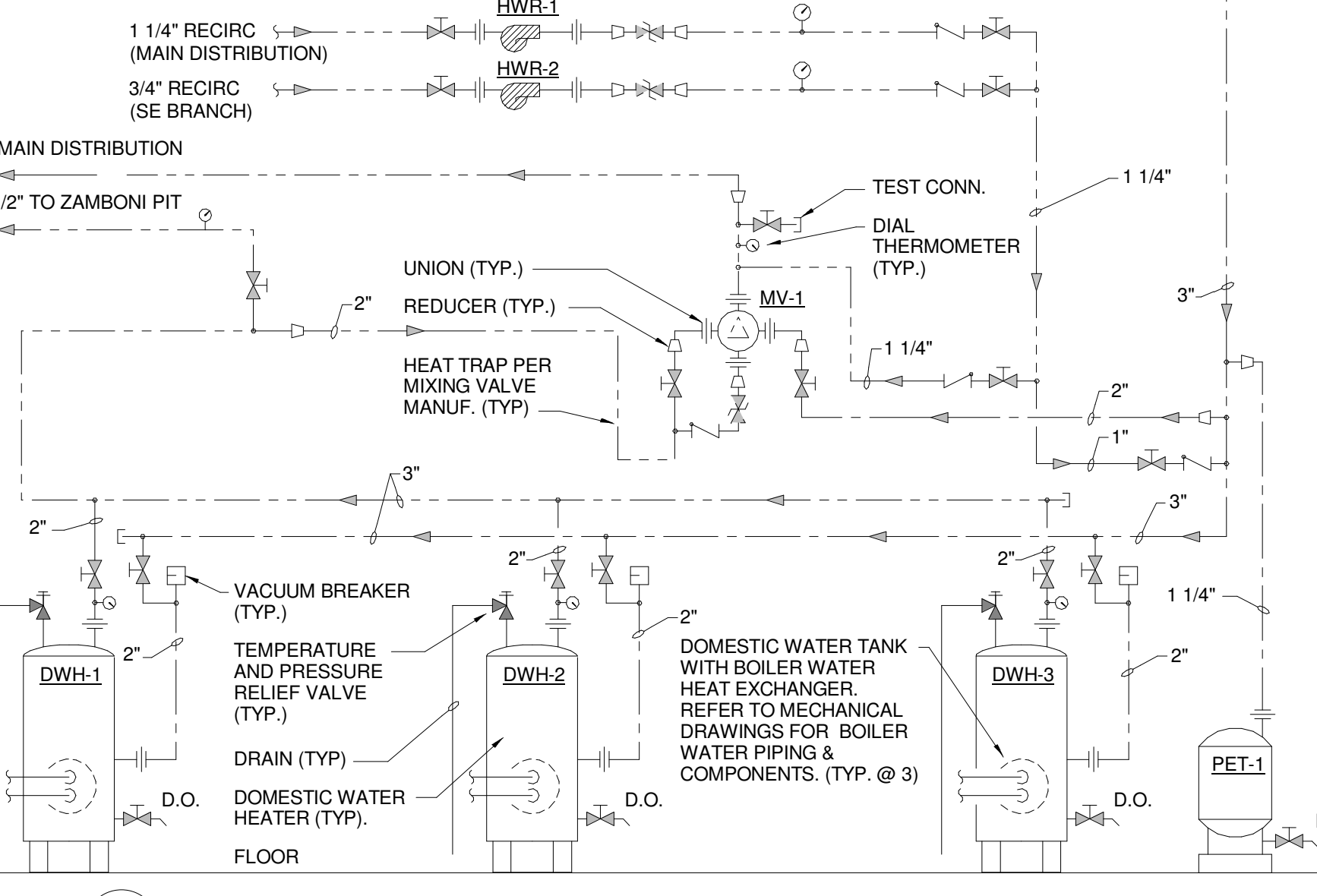
J7 CLOTHES WASHER WATER PIPING SCHEMATIC (PH2 DD)
NOT TO SCALE



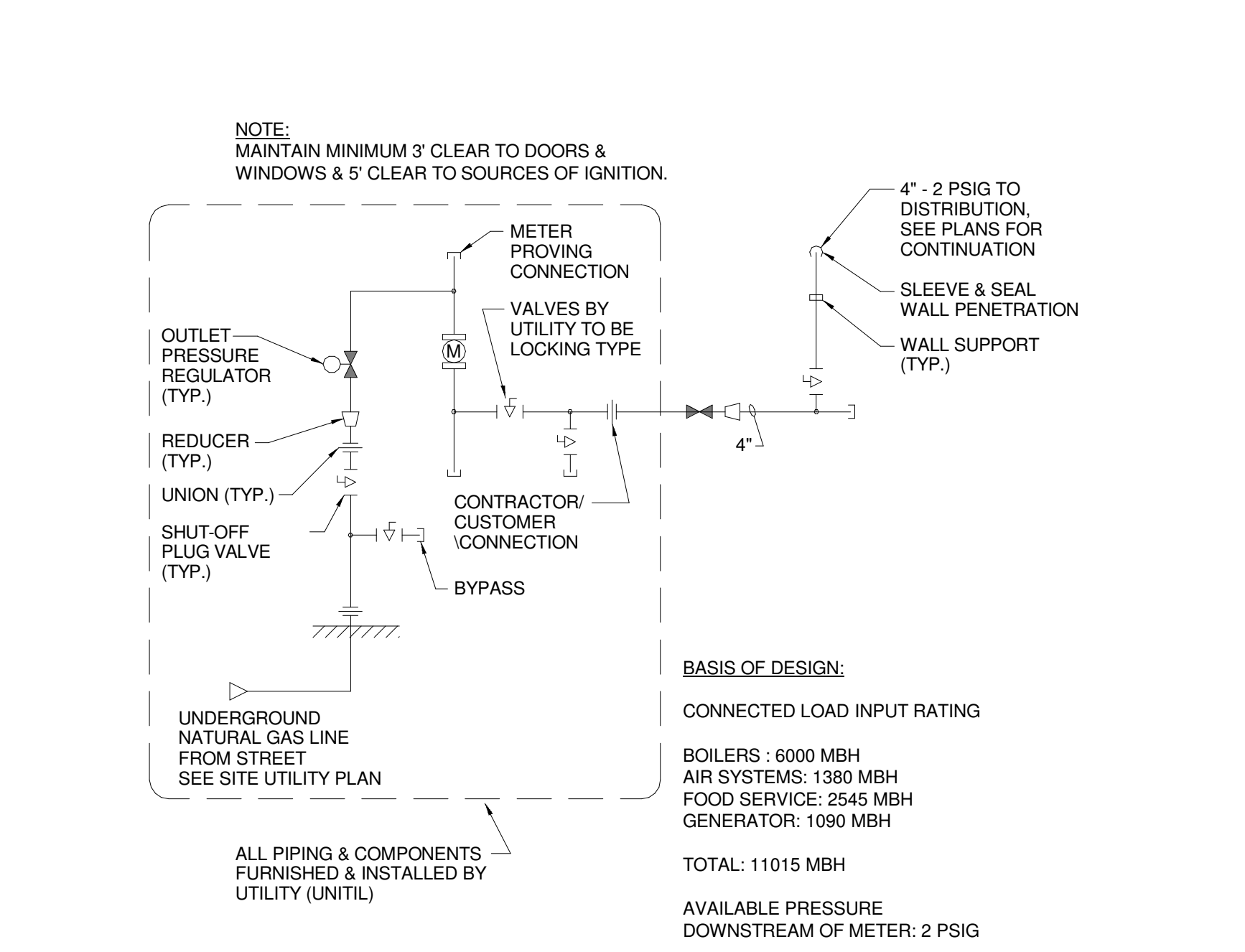
E7 CLOTHES DRYER GAS PIPING SCHEMATIC (PH2 DD)
NOT TO SCALE



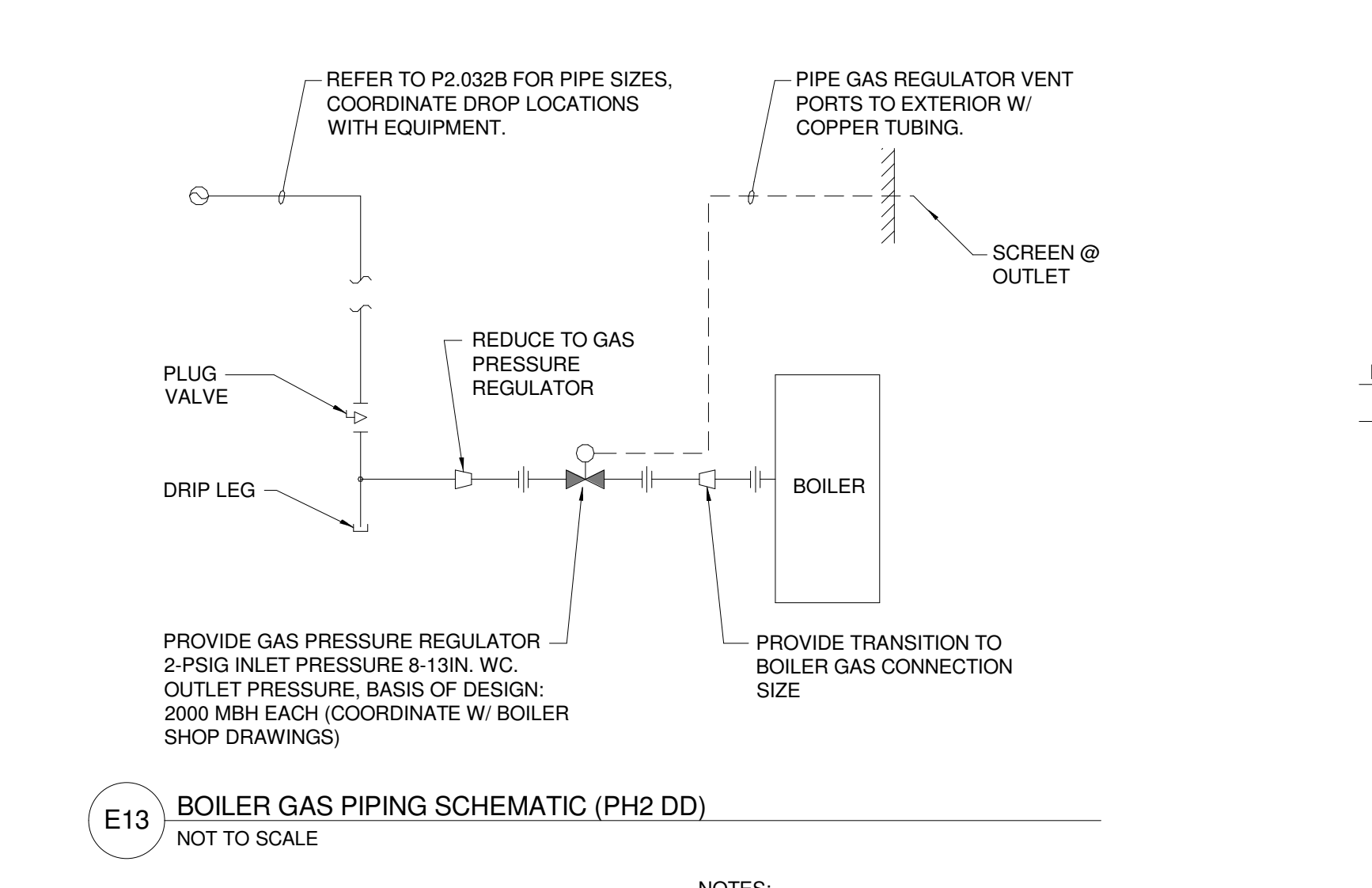
A7 RTU GAS PIPING SCHEMATIC
NOT TO SCALE



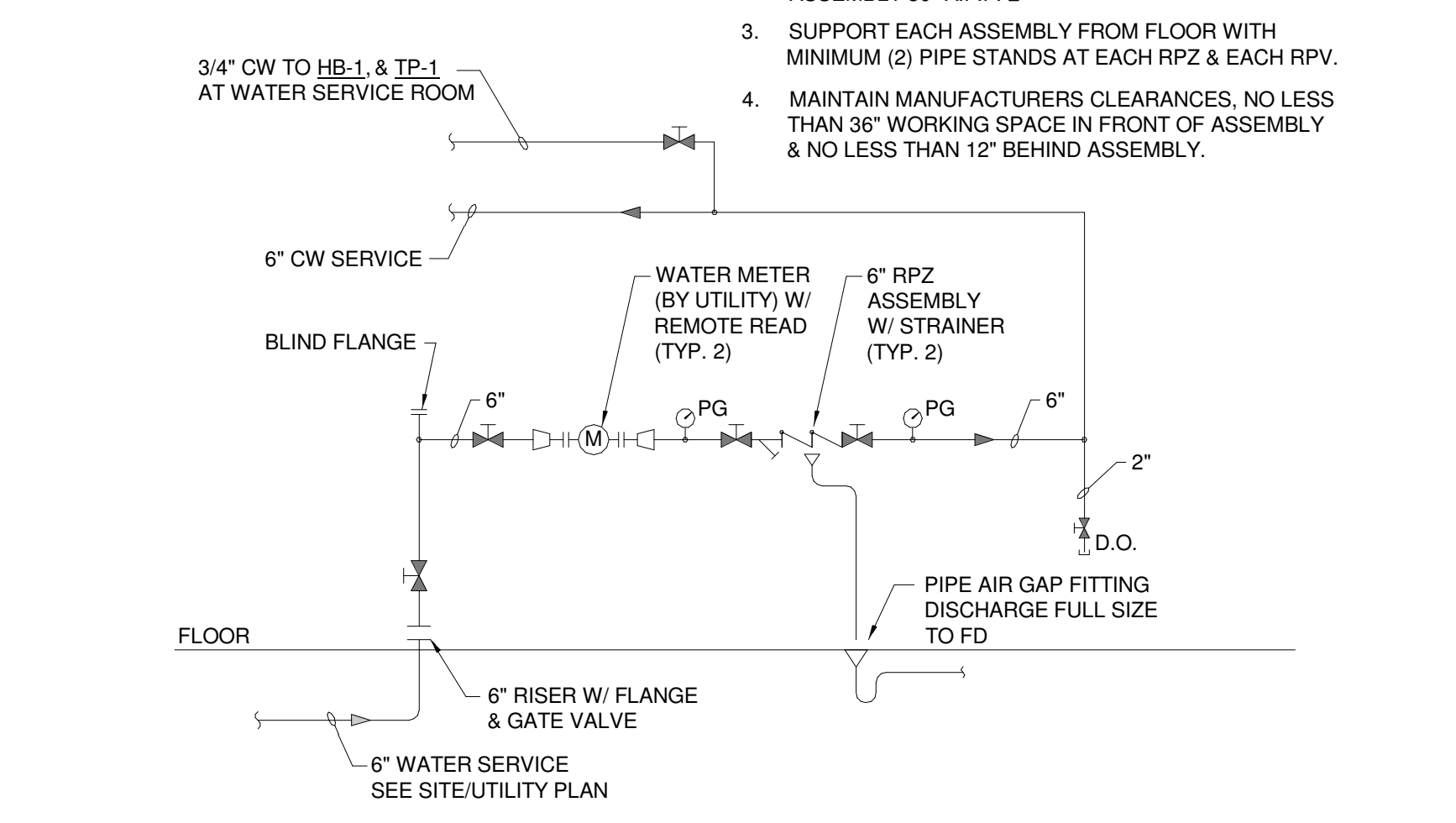
N13 DOMESTIC WATER HEATER PIPING SCHEMATIC
NOT TO SCALE



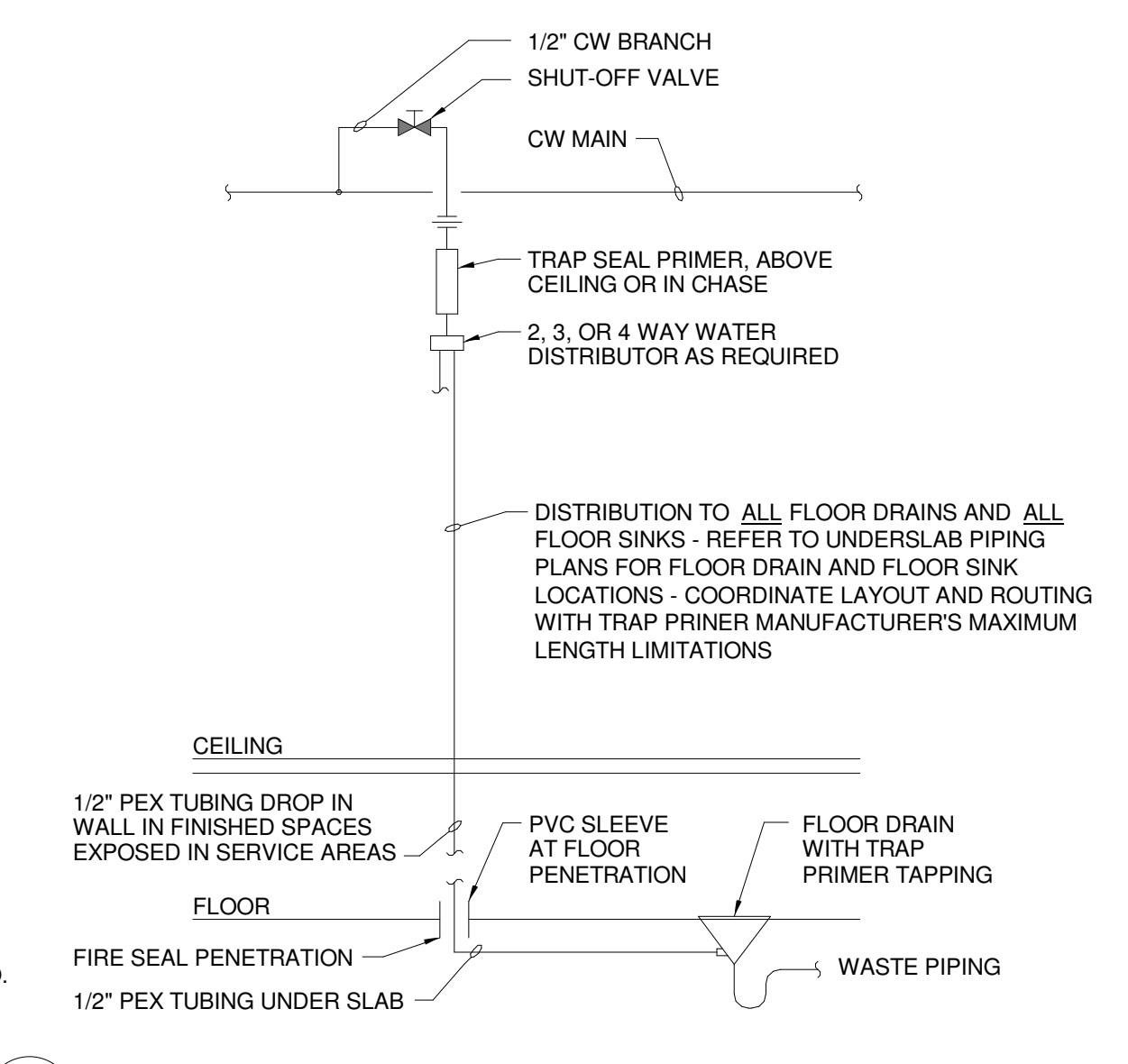
J13 GAS SERVICE PIPING SCHEMATIC (PH2 DD)
NOT TO SCALE



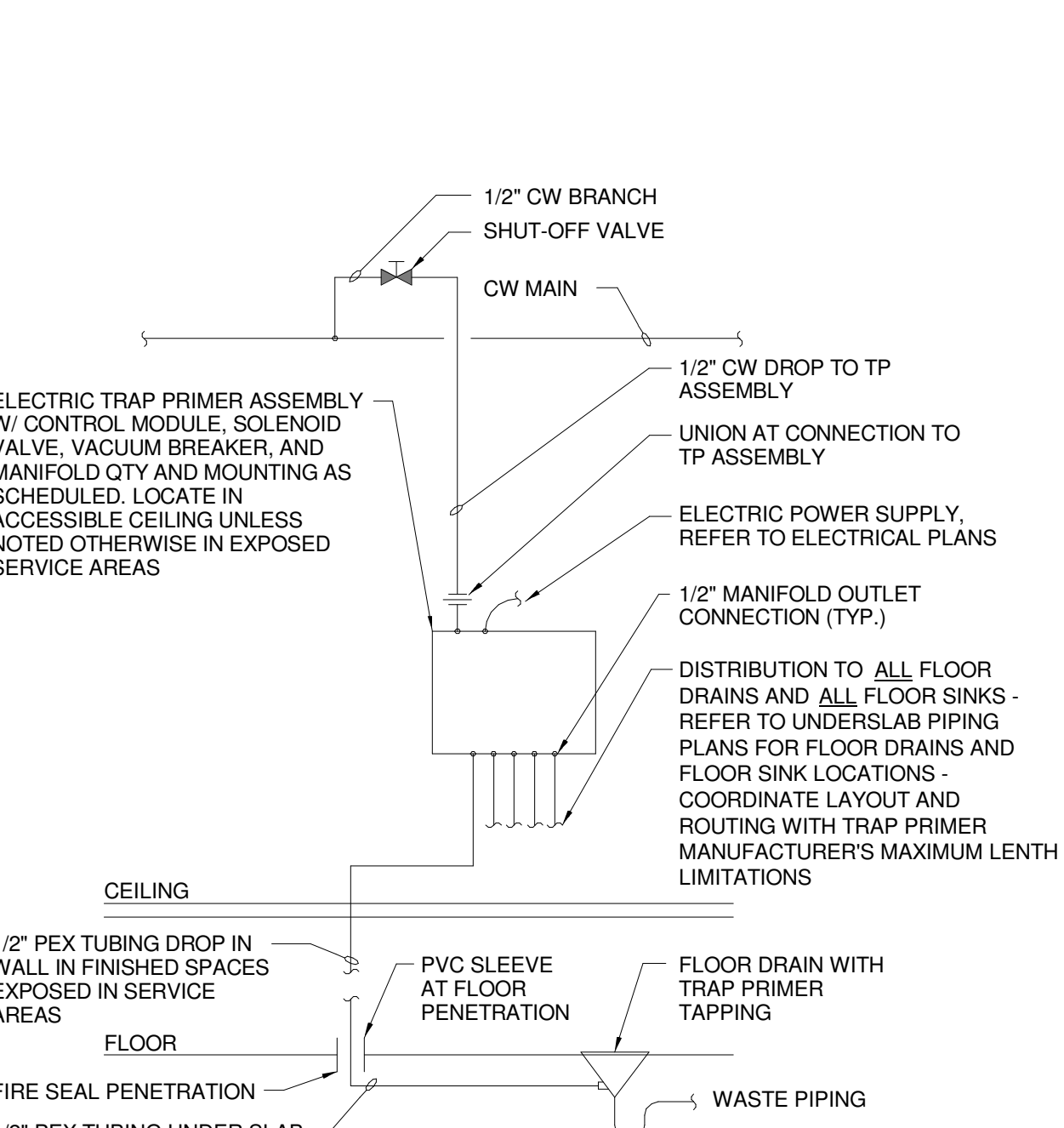
E13 BOILER GAS PIPING SCHEMATIC (PH2 DD)
NOT TO SCALE



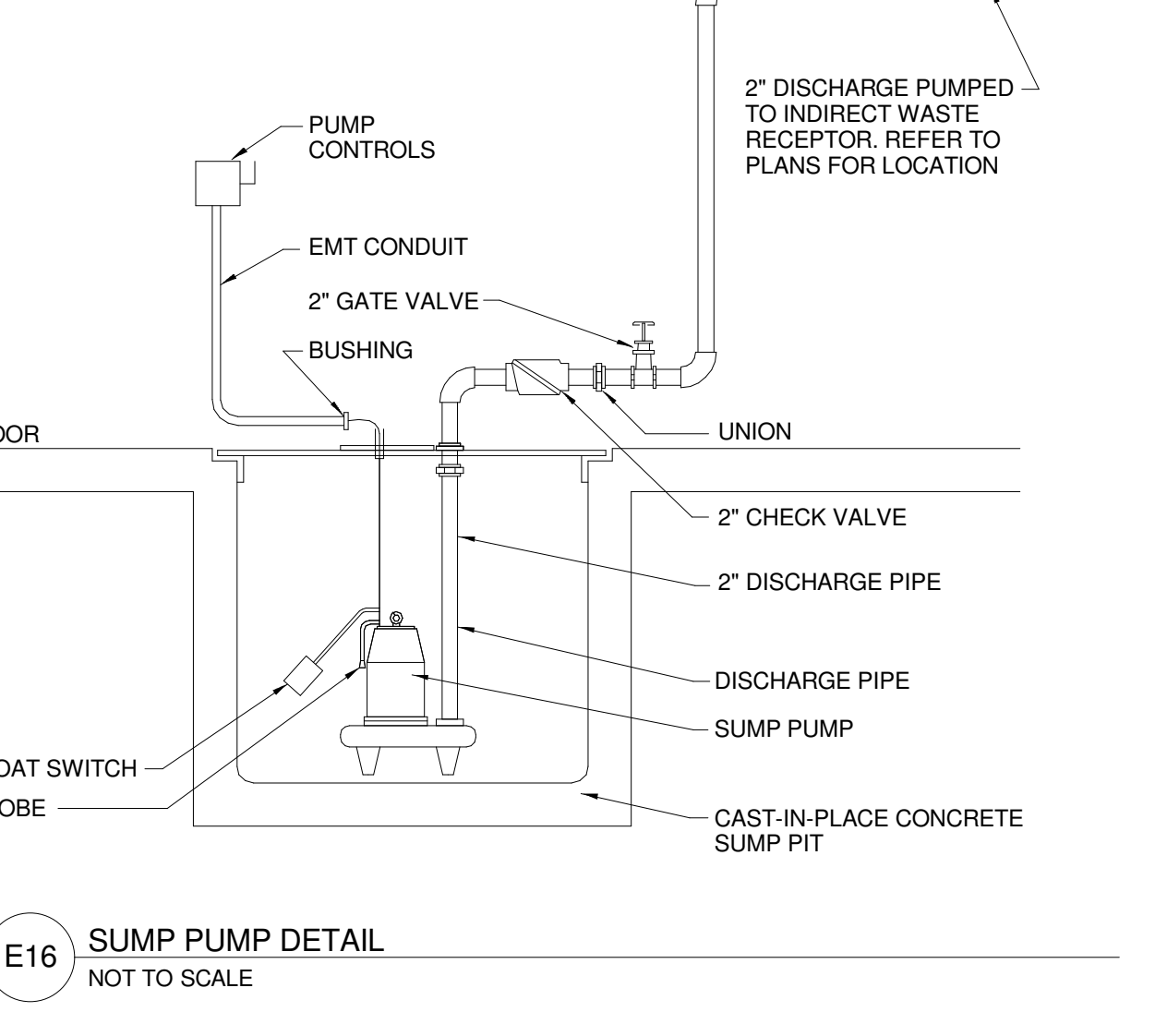
A13 DOMESTIC WATER ENTRANCE SCHEMATIC (PH2 DD)
NOT TO SCALE



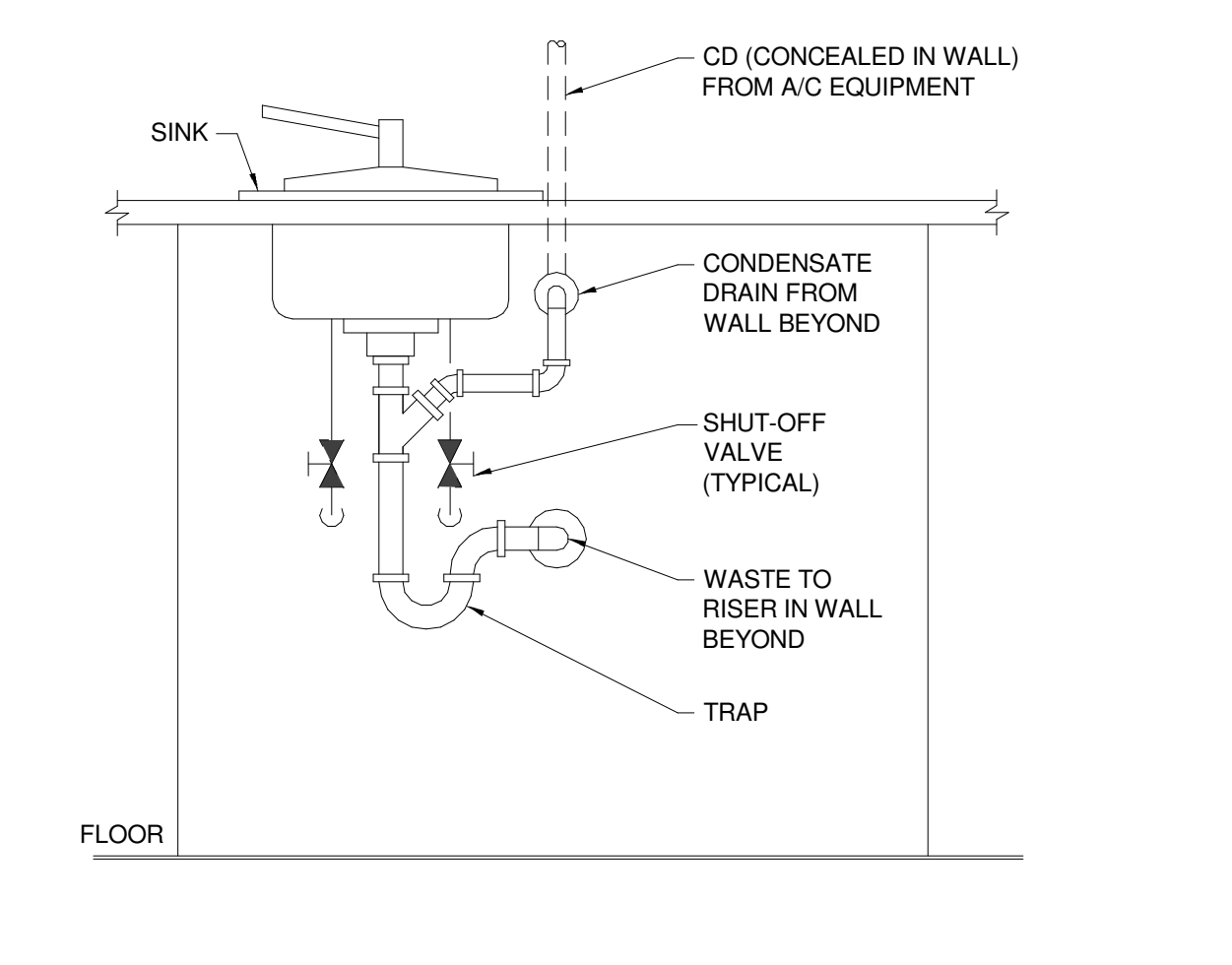
N16 TRAP PRIMER DETAIL
NOT TO SCALE



J16 ELECTRONIC TRAP PRIMER
NOT TO SCALE



E16 SUMP PUMP DETAIL
NOT TO SCALE

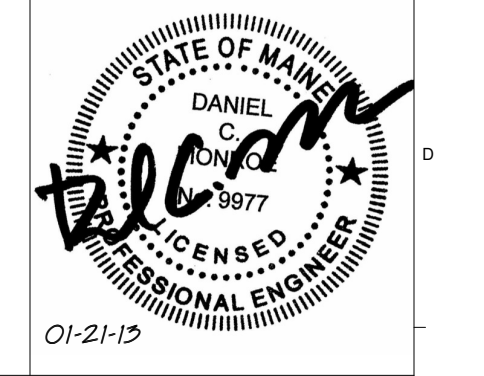


A15 INDIRECT WASTE TERMINATION DETAIL
NOT TO SCALE

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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
PLUMBING DETAILS

SHEET TITLE: PLUMBING CAD FILE: 375700 - 0202 Plumbing.rvt
PROJECT No. 3757.00 GRAPHIC SCALE: 1" = 1'-0"
SCALE: 1/4" = 1'-0"
PROJECT MANAGER: JRB
DRAWN BY: CGB
CHECKED BY: DMON
SHEET No. **P5.01**

1/21/2013 1:45:16 PM C:\Users\lucy\OneDrive\Documents\375700 - CCCC Plumbing_Like.dwg

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Suite 100
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FAX 303.3022

GENERAL NOTES:

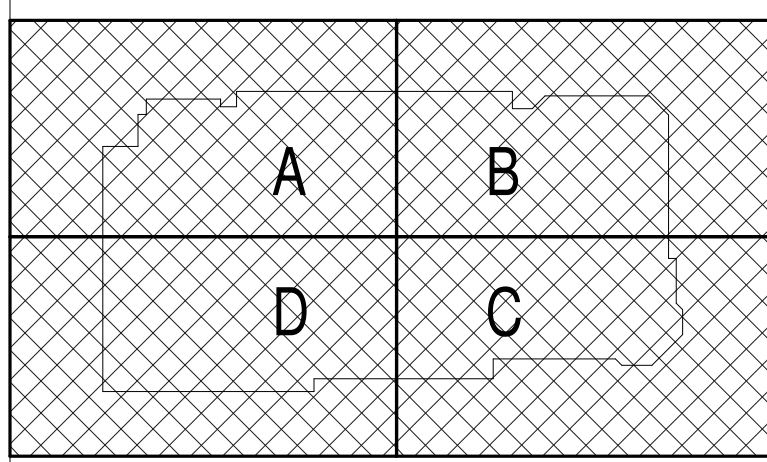
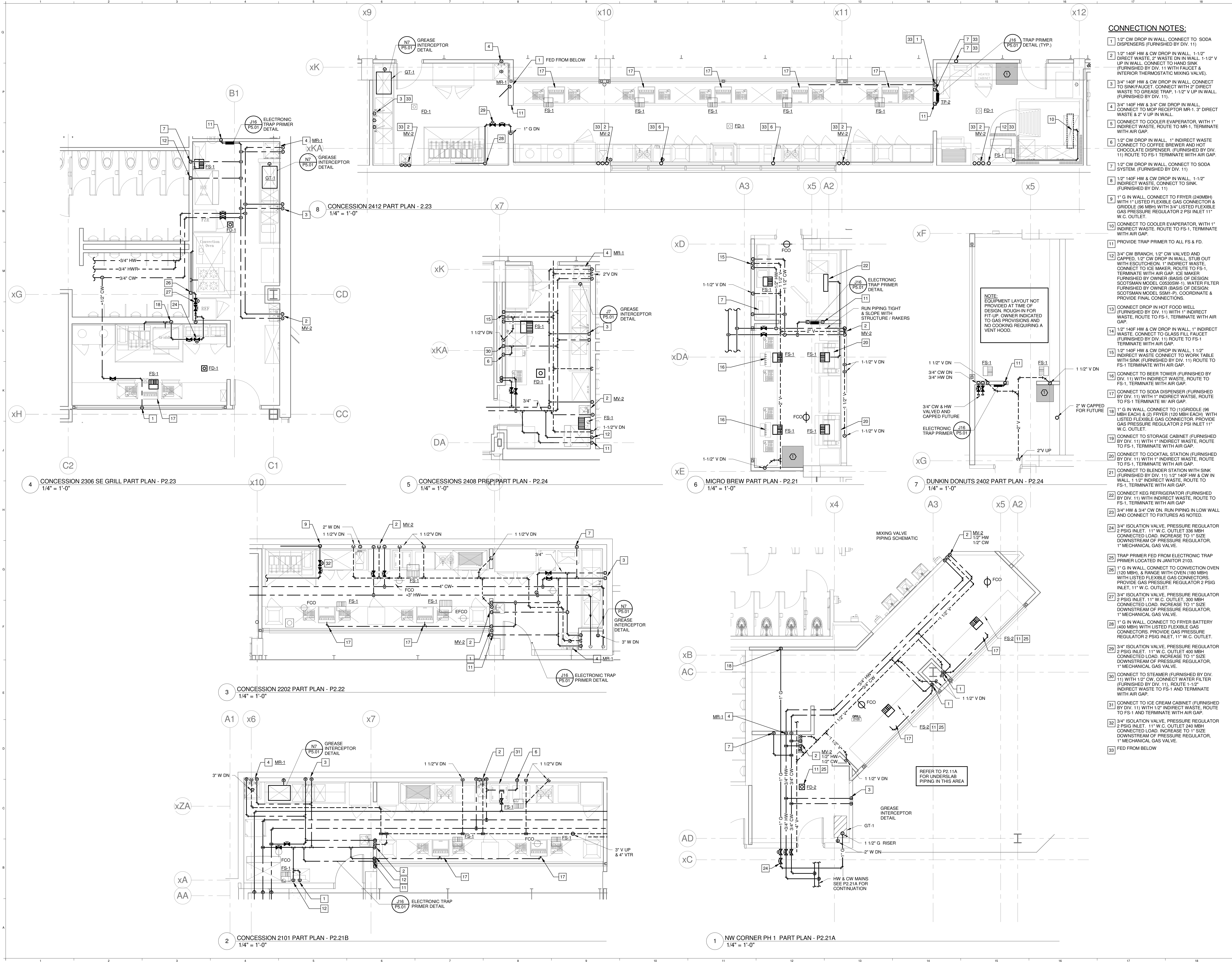
- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS. COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

- NO PIPING PERMITTED IN THIS AREA.
- CAP EXISTING PIPING BELOW FLOOR.
- REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 3/4" IW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN, ROUTE TO TOILET ROOM. DROP IN WALL, PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER, BASIS OF DESIGN: EEMAX EMT1

CONNECTION NOTES:

- 1/2" CW DROP IN WALL, CONNECT TO SODA DISPENSERS (FURNISHED BY DIV. 11)
- 1/2" 140F HW & CW DROP IN WALL, 1-1/2" DIRECT WASTE, 2" WASTE DN IN WALL, 1-1/2" V UP IN WALL, CONNECT TO HAND SINK (FURNISHED BY DIV. 11) WITH FAUCET & INTERIOR THERMOSTATIC MIXING VALVE).
- 3/4" 140F HW & CW DROP IN WALL, CONNECT TO SINK/FAUCET, CONNECT WITH 2" DIRECT WASTE TO GREASE TRAP, 1-1/2" V UP IN WALL (FURNISHED BY DIV. 11).
- 3/4" 140F HW & 3/4" CW DROP IN WALL, CONNECT TO MOP RECEPTOR MR-1, 3" DIRECT WASTE & 2" V UP IN WALL.
- CONNECT TO COOLER EVAPORATOR, WITH 1" INDIRECT WASTE, ROUTE TO MR-1, TERMINATE WITH AIR GAP.
- 1/2" CW DROP IN WALL, 1" INDIRECT WASTE CONNECT TO COFFEE BREWER AND HOT CHOCOLATE DISPENSER, (FURNISHED BY DIV. 11) ROUTE TO FS-1, TERMINATE WITH AIR GAP.
- 1/2" CW DROP IN WALL, CONNECT TO SODA SYSTEM, (FURNISHED BY DIV. 11)
- 1/2" 140F HW & CW DROP IN WALL, 1-1/2" INDIRECT WASTE, CONNECT TO SINK, (FURNISHED BY DIV. 11)
- 1" G IN WALL, CONNECT TO FRYER (240MBH) WITH 1" LISTED FLEXIBLE GAS CONNECTOR & GRIDDLE (96 MBH) WITH 3/4" LISTED FLEXIBLE GAS PRESSURE REGULATOR 2 PSI INLET 11" W.C. OUTLET.
- CONNECT TO COOLER EVAPORATOR, WITH 1" INDIRECT WASTE, ROUTE TO FS-1, TERMINATE WITH AIR GAP.
- PROVIDE TRAP PRIMER TO ALL FS & FD.
- 3/4" CW BRANCH, 1/2" CW VALVED AND CAPPED, 1/2" CW DROP IN WALL, STUB OUT WITH ESCUTOCHON, 1" INDIRECT WASTE, CONNECT TO ICE MAKER, ROUTE TO FS-1, TERMINATE WITH AIR GAP. ICE MAKER FURNISHED BY OWNER (BASIS OF DESIGN: SCOTSMAN MODEL C0305W-1), WATER FILTER FURNISHED BY OWNER (BASIS OF DESIGN: SCOTSMAN MODEL SSM1-F), COORDINATE & PROVIDE FINAL CONNECTIONS.
- CONNECT DROP IN HOT FOOD WELL (FURNISHED BY DIV. 11) WITH 1" INDIRECT WASTE, ROUTE TO FS-1, TERMINATE WITH AIR GAP.
- 1/2" 140F HW & CW DROP IN WALL, 1" INDIRECT WASTE, CONNECT TO SINK/FILL FAUCET (FURNISHED BY DIV. 11) ROUTE TO FS-1, TERMINATE WITH AIR GAP.
- 1/2" 140F HW & CW DROP IN WALL, 1-1/2" INDIRECT WASTE, CONNECT TO WORK TABLE WITH SINK (FURNISHED BY DIV. 11) ROUTE TO FS-1, TERMINATE WITH AIR GAP.
- CONNECT TO BEER TOWER (FURNISHED BY DIV. 11) WITH INDIRECT WASTE, ROUTE TO FS-1, TERMINATE WITH AIR GAP.
- CONNECT TO SODA DISPENSER (FURNISHED BY DIV. 11) WITH 1" INDIRECT WASTE, ROUTE TO FS-1, TERMINATE WITH AIR GAP.
- 1" G IN WALL, CONNECT TO (1) GRIDDLE (96 MBH EACH) & (2) FRYER (120 MBH EACH) WITH LISTED FLEXIBLE GAS CONNECTOR, PROVIDE GAS PRESSURE REGULATOR 2 PSI INLET 11" W.C. OUTLET.
- CONNECT TO STORAGE CABINET (FURNISHED BY DIV. 11) WITH 1" INDIRECT WASTE, ROUTE TO FS-1, TERMINATE WITH AIR GAP.
- CONNECT TO COCKTAIL STATION (FURNISHED BY DIV. 11) WITH 1" INDIRECT WASTE, ROUTE TO FS-1, TERMINATE WITH AIR GAP.
- CONNECT TO BLENDER STATION WITH SINK (FURNISHED BY DIV. 11) 1/2" 140F HW & CW IN WALL, 1-1/2" INDIRECT WASTE, ROUTE TO FS-1, TERMINATE WITH AIR GAP.
- CONNECT KEG REFRIGERATOR (FURNISHED BY DIV. 11) WITH INDIRECT WASTE, ROUTE TO FS-1, TERMINATE WITH AIR GAP.
- 3/4" HW & 3/4" CW DN, RUN PIPING IN LOW WALL AND CONNECT TO FIXTURES AS NOTED.
- 3/4" ISOLATION VALVE, PRESSURE REGULATOR 2 PSIG INLET, 11" W.C. OUTLET 300 MBH CONNECTED LOAD, INCREASE TO 1" SIZE DOWNSTREAM OF PRESSURE REGULATOR, 1" MECHANICAL GAS VALVE.
- TRAP PRIMER FED FROM ELECTRONIC TRAP PRIMER LOCATED IN JANITOR 2103.
- 1" G IN WALL, CONNECT TO CONNECTION OVEN (120 MBH, 8 RANGE WITH OVEN 180 MBH) WITH LISTED FLEXIBLE GAS CONNECTORS, PROVIDE GAS PRESSURE REGULATOR 2 PSIG INLET, 11" W.C. OUTLET.
- 3/4" ISOLATION VALVE, PRESSURE REGULATOR 2 PSIG INLET, 11" W.C. OUTLET, 300 MBH CONNECTED LOAD, INCREASE TO 1" SIZE DOWNSTREAM OF PRESSURE REGULATOR, 1" MECHANICAL GAS VALVE.
- 1" G IN WALL, CONNECT TO FRYER BATTERY (400 MBH) WITH LISTED FLEXIBLE GAS CONNECTORS, PROVIDE GAS PRESSURE REGULATOR 2 PSIG INLET, 11" W.C. OUTLET.
- 3/4" ISOLATION VALVE, PRESSURE REGULATOR 2 PSIG INLET, 11" W.C. OUTLET 400 MBH CONNECTED LOAD, INCREASE TO 1" SIZE DOWNSTREAM OF PRESSURE REGULATOR, 1" MECHANICAL GAS VALVE.
- CONNECT TO STEAMER (FURNISHED BY DIV. 11) WITH 1/2" CW, CONNECT WATER FILTER (FURNISHED BY DIV. 11), ROUTE 1-1/2" INDIRECT WASTE TO FS-1 AND TERMINATE WITH AIR GAP.
- CONNECT TO ICE CREAM CABINET (FURNISHED BY DIV. 11) WITH 1/2" INDIRECT WASTE, ROUTE TO FS-1 AND TERMINATE WITH AIR GAP.
- 3/4" ISOLATION VALVE, PRESSURE REGULATOR 2 PSIG INLET, 11" W.C. OUTLET 240 MBH CONNECTED LOAD, INCREASE TO 1" SIZE DOWNSTREAM OF PRESSURE REGULATOR, 1" MECHANICAL GAS VALVE.
- FED FROM BELOW



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
ENLARGED CONCESSIONS PLUMBING PLANS

SHEET TITLE:	WBRC CAD FILE: 375700 - 0202 Plumbing.dwg	SHEET NO.:	PFS.1.0
PROJECT No.:	3757.00	GRAPHIC SCALE:	1" = 1'-0"
SCALE:	1/4" = 1'-0"		
PROJECT MANAGER:	JRB		
DRAWN BY:	LAC		
CHECKED BY:	DMON		

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WASTE & VENT NOTES:

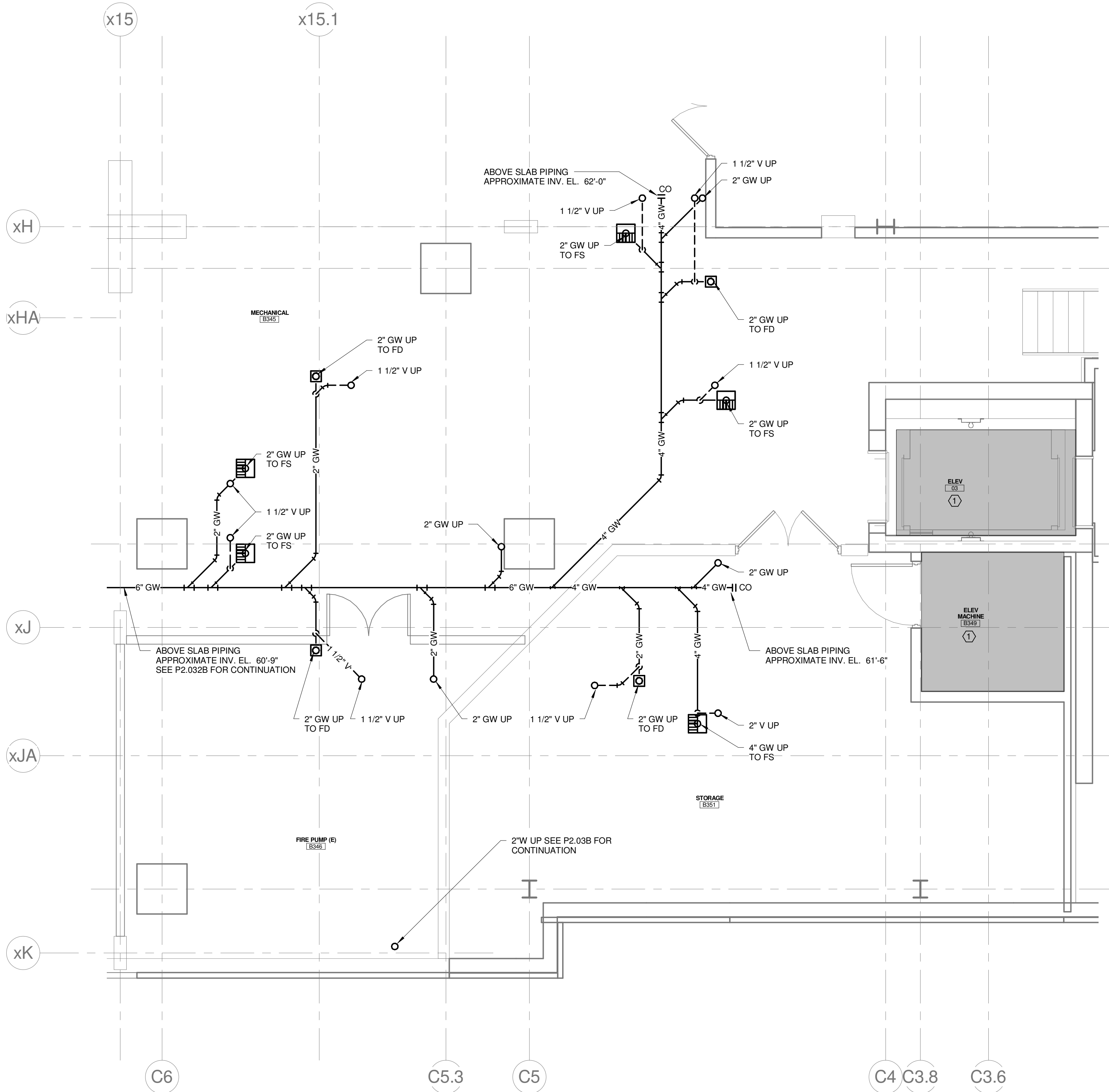
- A CONNECT TO MOP RECEPTOR MBL-1 WITH 3" DIRECT WASTE.
- B CONNECT TO HAND SINK (FURNISHED BY DIV. 11) WITH 1-1/2" DIRECT WASTE, 2" WASTE DN IN WALL, 1-1/2" V UP IN WALL.
- C CONNECT TO SOILED DISHTABLE COLLECTOR ASSEMBLY (FURNISHED BY DIV. 11) WITH 2" INDIRECT WASTE, ROUTE TO ES-1, TERMINATE WITH AIR GAP.
- D CONNECT TO POT SINK (FURNISHED BY DIV. 11) WITH 2" DIRECT WASTE, 2" DN IN WALL, 1-1/2" V UP IN WALL.
- E CONNECT DISHWASHER (FURNISHED BY DIV. 11) WITH 2" DIRECT WASTE.
- F OFFSET PIPING IN WALL TO AVOID ELECTRICAL ROOM BELOW
- G CONNECT TO PREP TABLE (FURNISHED BY DIV. 11) WITH 1" INDIRECT WASTE, ROUTE TO ES-1, TERMINATE WITH AIR GAP.
- H NOT USED
- I CONNECT TO OVEN/STEAMER (FURNISHED BY DIV. 11) WITH 3/4" INDIRECT WASTE, ROUTE TO ES-1, TERMINATE WITH AIR GAP.
- J NOT USED
- K CONNECT TO ICE MAKER (FURNISHED BY DIV. 11) WITH (2) 1" INDIRECT WASTE, ROUTE TO ES-1, TERMINATE WITH AIR GAP.
- L CONNECT TO COOLER EVAPORATOR, WITH 3/4" INDIRECT WASTE, ROUTE TO ES-1, TERMINATE WITH AIR GAP.
- M CONNECT TO FREEZER EVAPORATOR, WITH 3/4" INDIRECT WASTE, ROUTE TO ES-1, TERMINATE WITH AIR GAP.
- N PROVIDE SELF-REGULATING HEAT TRACE & INSULATE WITH 1" FIBERGLASS INSULATION WITH PVC JACKET. REFER TO HEAT TRACE SCHEDULE (ZONE 1). REFER TO ELECTRICAL PLANS FOR POWER SUPPLY.

GENERAL NOTES:

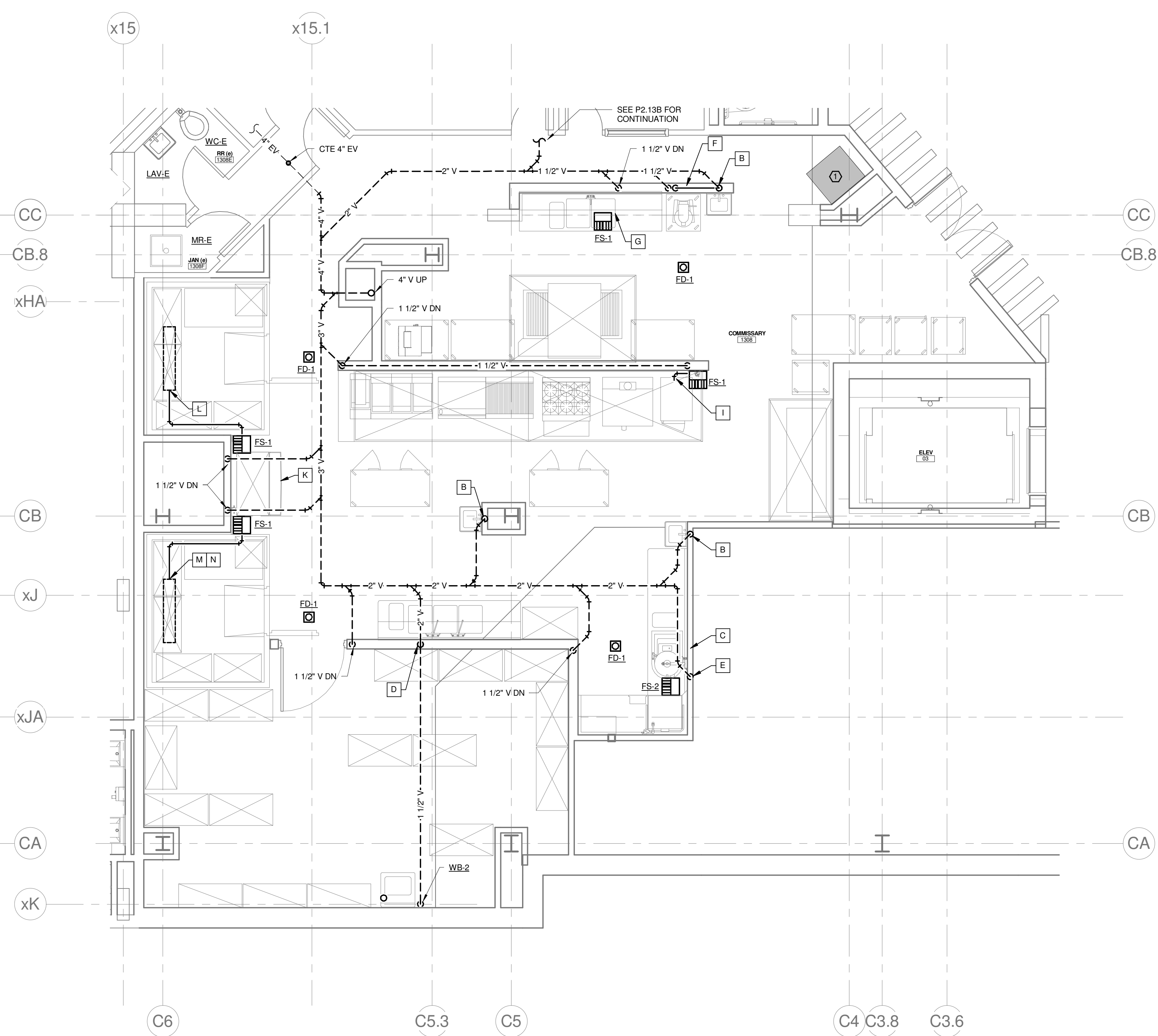
- 1 REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- 2 INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- 3 BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- 4 PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- 5 PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- 6 PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- 7 REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

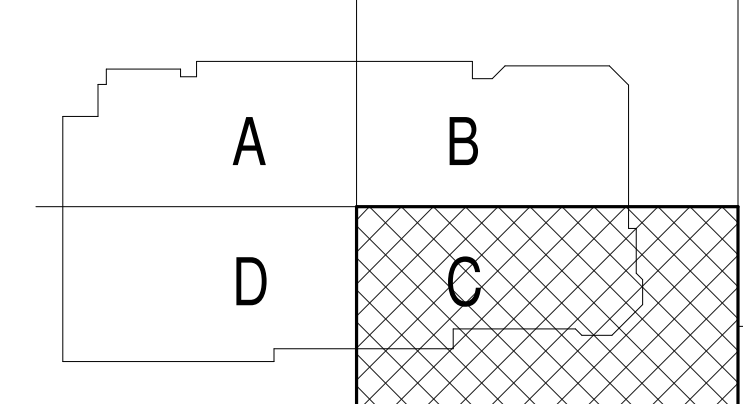
- 1 NO PIPING PERMITTED IN THIS AREA.
- 2 CAP EXISTING PIPING BELOW FLOOR.
- 3 REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 4 3/4" IW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN, ROUTE TO TOILET ROOM. DROP IN WALL, PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- 5 PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER, BASIS OF DESIGN: EEMAX EMT.



2 COMMISARY WASTE & VENT PART PLAN - BASEMENT BELOW
1/4" = 1'-0"



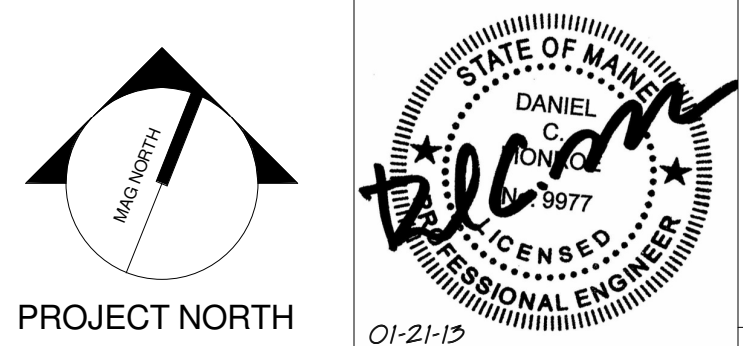
1 COMMISARY WASTE & VENT PART PLAN
1/4" = 1'-0"



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
ENLARGED COMMISSARY WASTE & VENT PLANS

SHEET TITLE:	WBRC CAD FILE: 375700 - 0000 Plumbing_Like.dwg
PROJECT No.:	3757.00 GRAPHIC SCALE: 1" = 1'-0"
SCALE:	1/4" = 1'-0"
PROJECT MANAGER:	JRB
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SHEET No.:	PFS.1.1

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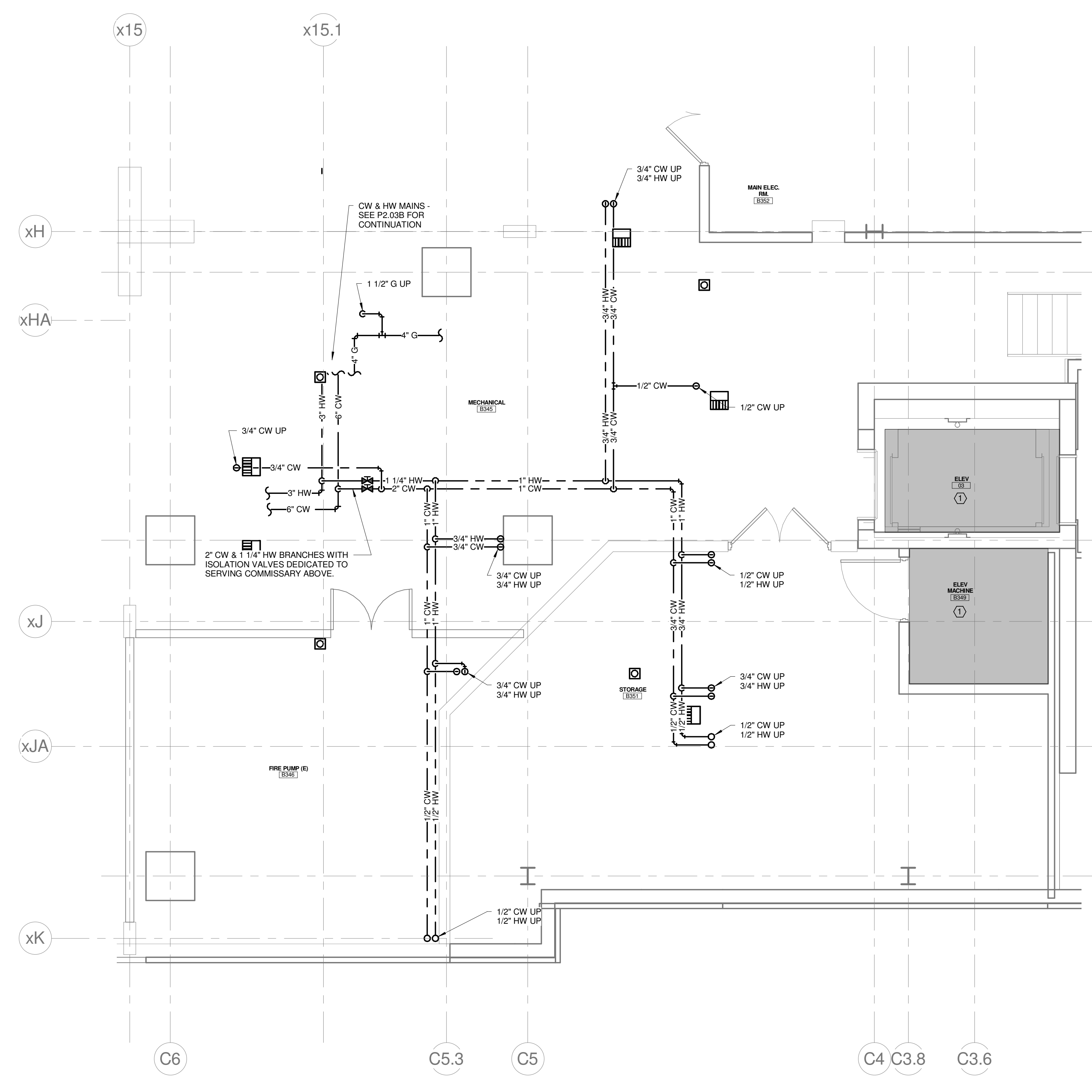
- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPING SIZES TO INDIVIDUAL FIXTURES.
- INTERIOR UNDERSLAB PLUMBING PIPING INVERTS INDICATED ARE FOR REFERENCE. CONTRACTOR SHALL FIELD VERIFY EXACT INVERTS, COORDINATE WALL PENETRATIONS, AND WITH STRUCTURAL FOOTINGS, AND ALL OTHER UNDERSLAB UTILITIES.
- BUILDING SANITARY SEWER SHALL BE RUN IN PRACTICAL ALIGNMENT AND AT UNIFORM SLOPE. BASIS OF DESIGN OF UNDERSLAB SANITARY SEWER PIPING IS 1/4" PER FOOT SLOPE.
- PROVIDE SHOCK ABSORBERS AT ALL CW BRANCHES TO FLUSH VALVES.
- PROVIDE SHOCK ABSORBERS AT ALL HW BRANCHES TO TOILET ROOMS W/ SENSOR FAUCETS.
- PROVIDE ISOLATION VALVES, CHECK VALVES, & DROPS SERVING KITCHEN EQUIPMENT.
- REFER TO FOOD SERVICE ROUGH-IN PLAN FOR FIXTURE ROUGH-IN & CONNECTIONS. PLUMBING CONTRACTOR TO VERIFY & COORDINATE ALL SIZES & CONNECTIONS WITH FOOD SERVICE PLANS & APPROVED FOOD SERVICE EQUIPMENT SHOP DRAWINGS.

TECHNICAL NOTES:

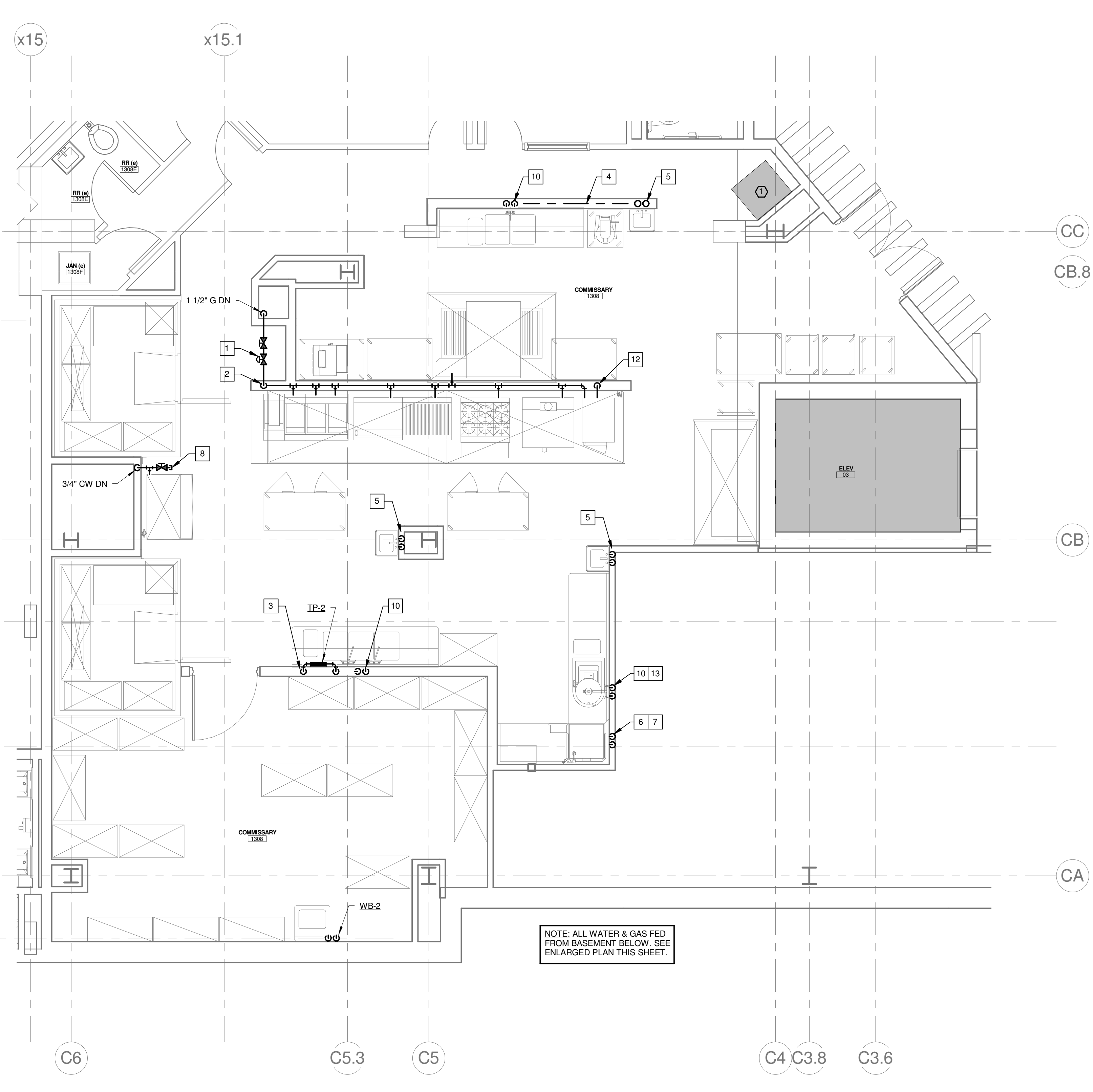
- NO PIPING PERMITTED IN THIS AREA.
- CAP EXISTING PIPING BELOW FLOOR.
- REPAIR OR REPLACE ANY MISSING OR DAMAGED INSULATION.
- 3/4" IW, CONNECT TO INDOOR EVAPORATOR CONDENSATE DRAIN. ROUTE TO TOILET ROOM. DROP IN WALL. PROVIDE WYE FITTING AT LAV TAIL PIECE, & CONNECT TO INLET SIDE OF TRAP. COORDINATE ROUTING, & MAINTAIN PITCH TO DRAIN.
- PROVIDE POINT OF USE INSTANTANEOUS WATER HEATER. BASIS OF DESIGN: EEMAX EMT1

WATER & GAS NOTES:

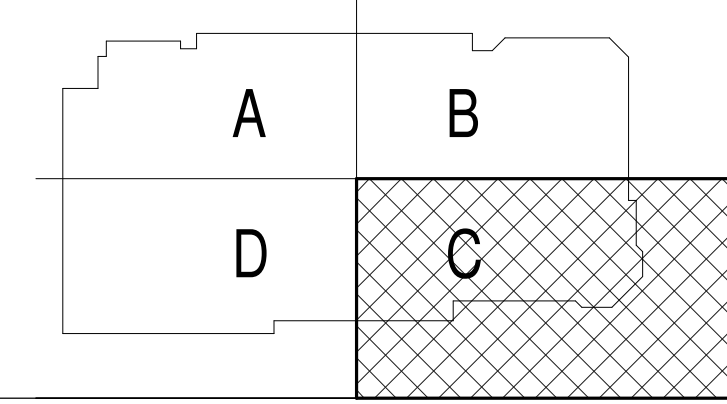
- 1-1/2" G ISOLATION VALVE. PRESSURE REGULATOR 2 PSIG INLET, 11" W.C. OUTLET. 837 MBH CONNECTED LOAD. INCREASE TO 3" SIZE DOWNSTREAM OF PRESSURE REGULATOR, 3" MECHANICAL GAS VALVE.
- 3" G DROP IN WALL BETWEEN APPLIANCES. CONNECT 1" G TO CONVEYOR PIZZA OVEN (120 MBH). CONNECT 3/4" G TO STEAMER (125 MBH). CONNECT 3/4" G TO BROILER (108 MBH). CONNECT 1" G TO OVEN (120 MBH EACH). CONNECT SALAMANDER BROILER (40 MBH) FROM ADJACENT OVEN. CONNECT 1" G TO FRYER BATTERY (240 MBH). CONNECT 3/4" G TO EACH RANGE WITH OVEN (184 MBH). CONNECT 3/4" G TO GRIDDLE (84 MBH). PROVIDE LISTED GAS FLEXIBLE CONNECTORS.
- TRAP PRIMER DISTRIBUTION. COORDINATE QUANTITY WITH DRAINAGE PIPING PLAN. ROUTE INDIVIDUAL 1/2" FLEX TUBING TO EACH FLOOR DRAIN AND EACH FLOOR SINK. COORDINATE ROUTING AND INSTALLATION IN BASEMENT.
- OFFSET PIPING IN WALL TO AVOID ELECTRICAL ROOM BELOW.
- 1/2" 140F HW & CW IN WALL. CONNECT TO HAND SINK (FURNISHED BY DIV. 11) WITH FAUCET & INTERIOR THERMOSTATIC MIXING VALVE.
- 1/2" 140F HW DROP IN WALL. CONNECT TO BOOSTER HEATER.
- 1/2" 180F HW FROM BOOSTER HEATER TO DISHWASHER, 1/2" CW TO DISHWASHER.
- 3/4" CW BRANCH. 1/2" CW VALVED AND CAPPED, 1/2" CW DROP IN WALL. STUB OUT WITH ESCUTCHEON. 1" INDIRECT WASTE. CONNECT TO ICE MAKER. ROUTE TO FS-1. TERMINATE WITH AIR GAP. ICE MAKER FURNISHED BY OWNER (BASIS OF DESIGN: SCOTSMAN MODEL C050SW-1). WATER FILTER FURNISHED BY OWNER (BASIS OF DESIGN: SCOTSMAN MODEL SSM1-P). COORDINATE & PROVIDE FINAL CONNECTIONS.
- NOT USED.
- 3/4" 140F HW & CW IN WALL. CONNECT TO SINK/FAUCET.
- NOT USED.
- 1/2" CW IN WALL. CONNECT TO STEAMER (FURNISHED BY DIV. 11). CONNECT WATER FILTER (FURNISHED BY DIV. 11).
- 3/4" 140F HW & CW IN WALL. CONNECT TO COLLECTOR ASSEMBLY & PRE-RINSE FAUCET (FURNISHED BY DIV. 11).



2 COMMISSARY DOMESTIC WATER & GAS PART PLAN - BASEMENT BELOW
1/4" = 1'-0"



1 COMMISSARY DOMESTIC WATER & GAS PART PLAN
1/4" = 1'-0"



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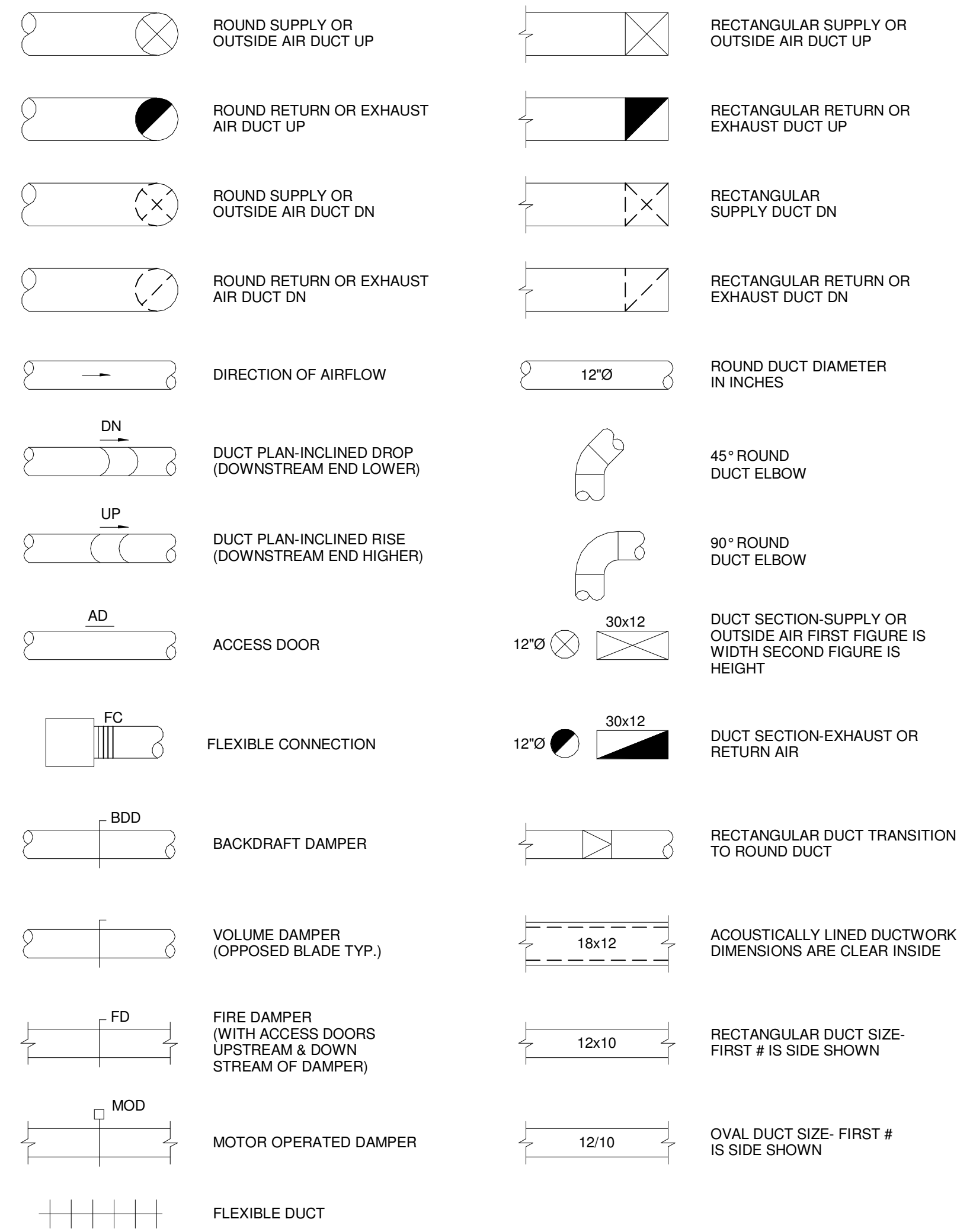
CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
COMMISSARY DOMESTIC WATER & GAS PIPING PLANS

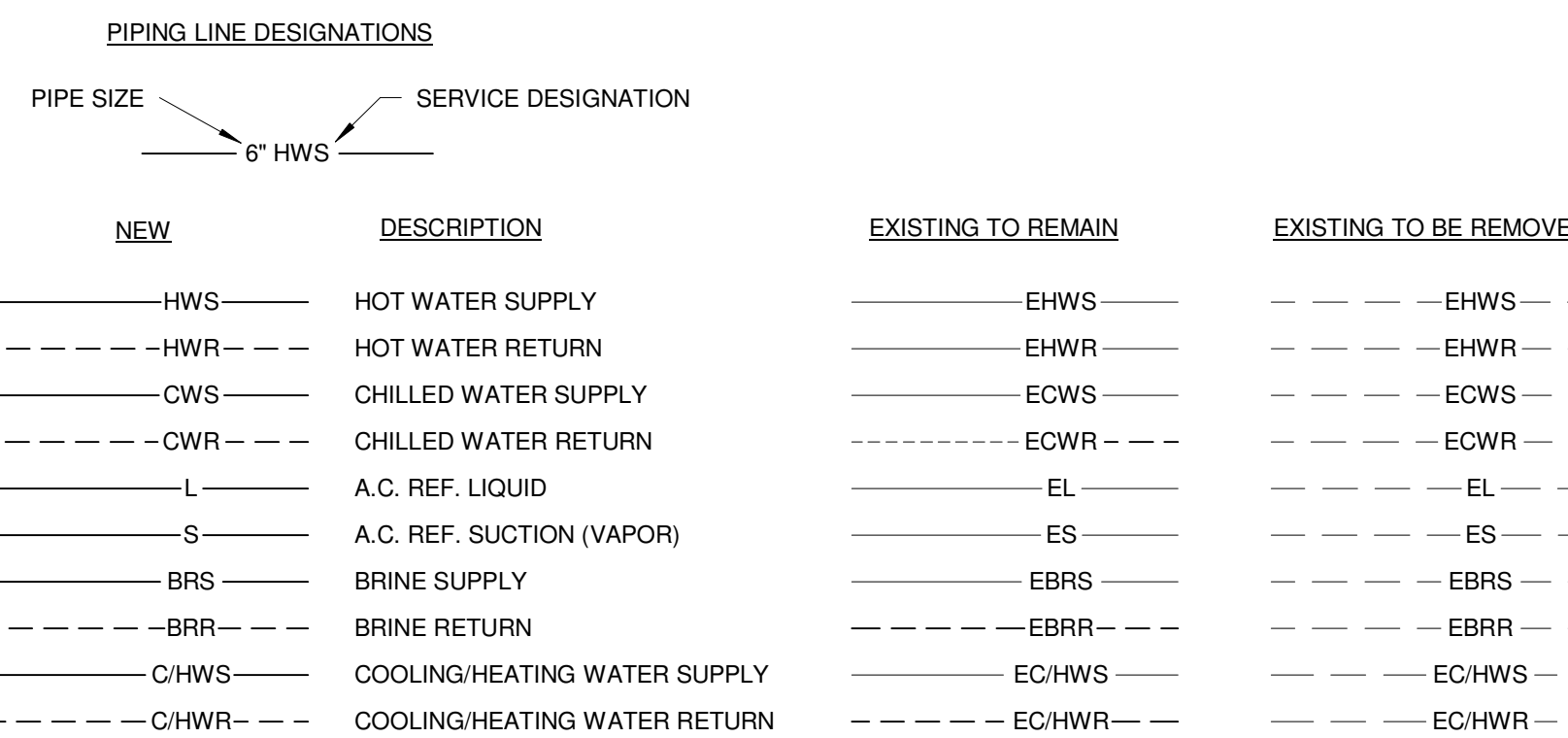
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PROJECT MANAGER:	JRB	SHEET No.:
DRAWN BY:	LAC	PFS.1.2
CHECKED BY:	DMON	

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DUCTWORK STANDARDS



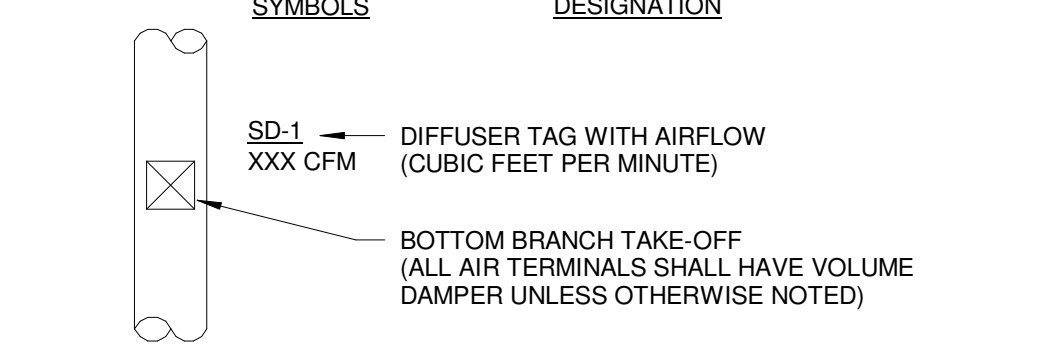
PIPING SERVICE LEGEND



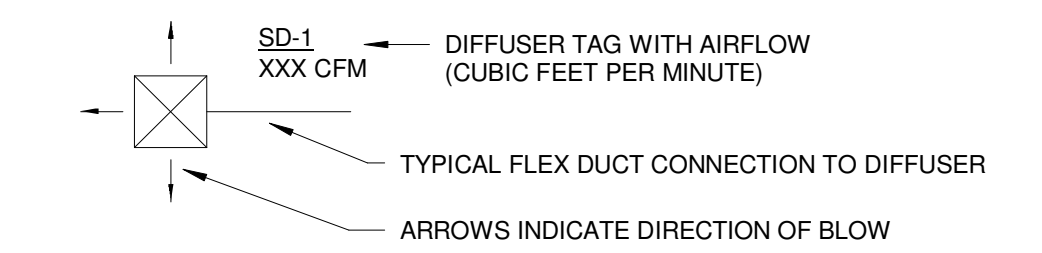
GRILLE, REGISTERS, DIFFUSERS & AIRFLOW

ABBREV.	DESIGNATION	ABBREV.	DESIGNATION
EG	EXHAUST GRILLE	EA	EXHAUST AIR
RD	RETURN DIFFUSER	OA	OUTDOOR AIR
RG	RETURN GRILLE	RA	RETURN AIR
RR	RETURN REGISTER	RLA	RELIEF AIR
SD	SUPPLY DIFFUSER	SA	SUPPLY AIR
LSD	LINEAR SUPPLY DIFFUSER		
SG	SUPPLY GRILLE		
TD	TRANSFER DIFFUSER		
TG	TRANSFER GRILLE		
TR	TRANSFER REGISTER		
VD	VOLUME DAMPER		

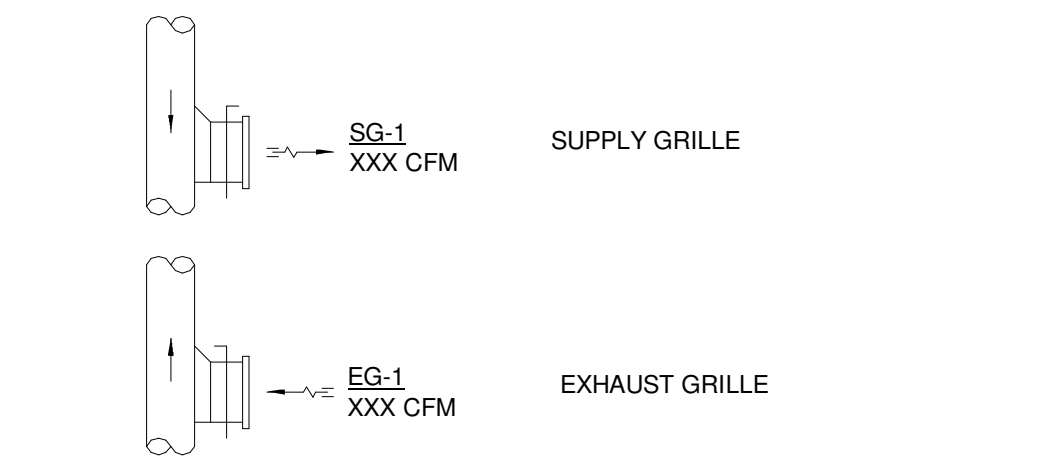
TYPICAL BOTTOM OF DUCT DIFFUSER DROP



TYPICAL CEILING DIFFUSER



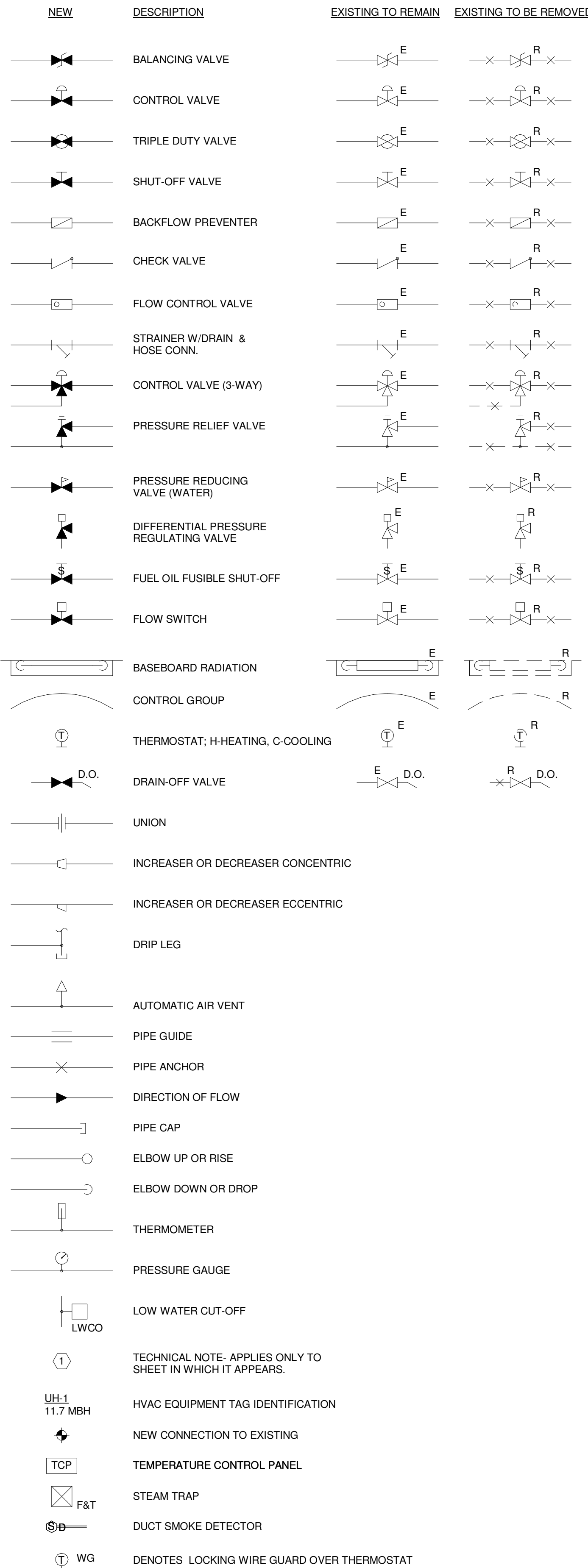
TYPICAL REGISTER/GRILLE



EQUIPMENT TAG LEGEND

TAG	DESIGNATION
ACCU-1	AIR COOLED CONDENSING UNIT DESIGNATION
AHU-1	AIR HANDLING UNIT DESIGNATION
AS-1	AIR SERPERATOR DESIGNATION
B-1	BOILER DESIGNATION
BPD-1	BYPASS DAMPER DESIGNATION
BT-1	BRINE TANK DESIGNATION
CH-1	CHILLER UNIT DESIGNATION
CONV-1	CONVECTOR UNIT DESIGNATION
CU-1	CONDENSING UNIT DESIGNATION
CUH-1	CABINET UNIT HEATER DESIGNATION
DS-1	DUCT SILENCER DESIGNATION
EE-1	EXHAUST FAN DESIGNATION
EVU-1	EVAPORATOR UNIT DESIGNATION
FC-1	FAN COIL DESIGNATION
FTB-1	FINNED TUBE RADIATION DESIGNATION
HC-1	HEATING COIL DESIGNATION
HE-1	HEAT EXCHANGER DESIGNATION
HRU-1	HEAT RECOVERY UNIT DESIGNATION
HR-1	HEATING RECOVERY BOX DESIGNATION
IE-1	INDOOR EVAPORATOR DESIGNATION
P-1	PUMP DESIGNATION
RF-1	RETURN FAN DESIGNATION
SEF-1	SMOKE EXHAUST FAN DESIGNATION
SF-1	SUPPLY FAN DESIGNATION
TSH-1	TOE SPACE HEATER DESIGNATION
UH-1	UNIT HEATER DESIGNATION
UV-1	UNIT VENTILATOR DESIGNATION
VAV-1	VARIABLE AIR VOLUME BOX DESIGNATION
XT-1	EXPANSION TANK DESIGNATION
ZD-1	ZONE DAMPER DESIGNATION

HEATING AND VENTING SYMBOLS



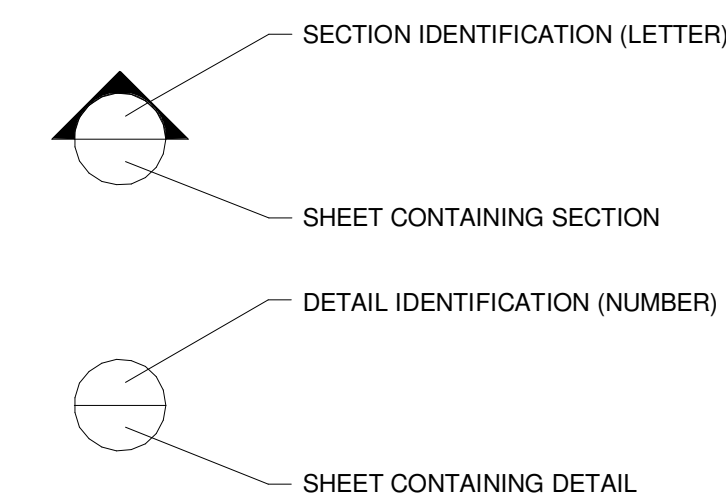
MISCELLANEOUS ABBREVIATIONS

ABBREV.	DESIGNATION
A	ANCHOR
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
APD	AIR PRESSURE DROP
AWT	AVERAGE WATER TEMPERATURE
BD	BAROMETRIC DAMPER
BDD	BACKDRAFT DAMPER
BOS	BOTTOM OF STEEL
BTU	BRITISH THERMAL UNITS
BV	BRICK VENT
CD	COOLING CONDENSATE DRAINAGE
CFM	CUBIC FEET PER MINUTE
D	DRAIN
DB	DRY BULB
EAT	ENTERING AIR TEMP.
ECC	ECCENTRIC
EL	ELEVATION
EWT	ENTERING WATER TEMPERATURE
FA	FRESH AIR
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HWBB	HOT WATER BASEBOARD
HZ	HERTZ
LAT	LEAVING AIR TEMP.
LF	LINEAL FEET
LRA	LOCKED ROTOR AMPS
LWCO	LOW WATER CUT-OFF
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
MD	MANUAL DAMPER
MIN	MINIMUM
MOD	MOTOR OPERATED DAMPER
MV	MANUAL VENT
N.C.	NORMALLY CLOSED
OA	OUTSIDE AIR
OSV	OIL SAFETY VALVE
PD	PRESSURE DROP
RIC	RUN IN COVER
RPM	REVOLUTIONS PER MINUTE
SP	STATIC PRESSURE
TOS	TOP OF STEEL
TV	TURNING VANES
TYP.	TYPICAL
V	VENT
VD	VOLUME DAMPER
W	WITH
WB	WET BULB
ZD	ZONE DAMPER
E	EXISTING TO REMAIN
ER	EXISTING RELOCATED
NR	NEW TO REPLACE EXISTING IN EXISTING LOCATION
R	EXISTING TO BE REMOVED
RR	REMOVE & RELOCATE EXISTING

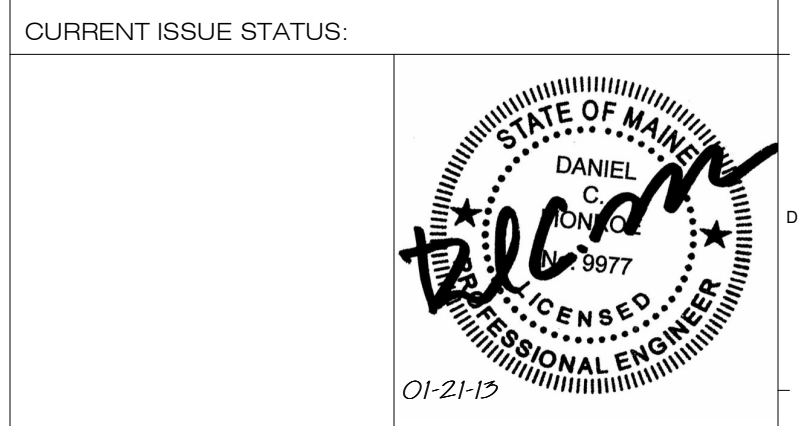
GENERAL NOTES

- ALL NEW SPACE THERMOSTATS SHALL BE MOUNTED 4'-0" ABOVE FINISHED FLOOR (AFF).
- EQUIPMENT, DUCTWORK AND PIPING LOCATIONS SHOWN ARE APPROXIMATE EXCEPT WHERE DIMENSIONED. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR TO AVOID INTERFERENCES.
- FLEXIBLE CONNECTIONS SHALL BE PROVIDED BETWEEN MOTORIZED UNITS AND DUCTWORK CONNECTIONS.
- PROVIDE ACCESS DOORS IN EQUIPMENT AND DUCTWORK FOR ACCESS TO DAMPERS, MOTORS, FILTERS, FANS AND ON BOTH SIDES OF HEATING COILS.
- PIPING SHALL BE RUN AS DIRECT AS POSSIBLE, PARALLEL TO & FORMING RIGHT ANGLES TO THE LINES OF THE BUILDING, SUPPORTED FROM THE STRUCTURE, FREE FROM POCKETS & SAGS & PITCHED TO LOW POINT DRAINS.
- LOCATE ALL VALVES FOR EASY ACCESS & OPERATION. DO NOT LOCATE VALVES W/STEMS BELOW HORIZONTAL.
- ALL EXTERIOR WALL PENETRATIONS SHALL BE SEALED WEATHERTIGHT.
- ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURERS RECOMMENDATIONS.
- DUCTWORK SHALL BE COORDINATED TO PREVENT ANY INTERFERENCES W/ PLUMBING, PIPING, ELECTRICAL, STRUCTURAL, FIRE PROTECTION, ARCHITECTURAL AND OTHER WORK.
- ALL DUCT SIZES SHOWN ARE CLEAR INTERNAL DIMENSIONS.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING DUCT SIZES, PIPE SIZES, LOCATIONS, ETC. INCLUDING LOCATIONS & ARRANGEMENTS OF SAME. COORDINATE NEW WORK WITH EXISTING CONDITIONS.

SECTION & DETAIL MARKERS



1 CONSTRUCTION DOCUMENTS 01-21-2013
0 NW ENTRY CONSTRUCTION DOCS 10-31-2012
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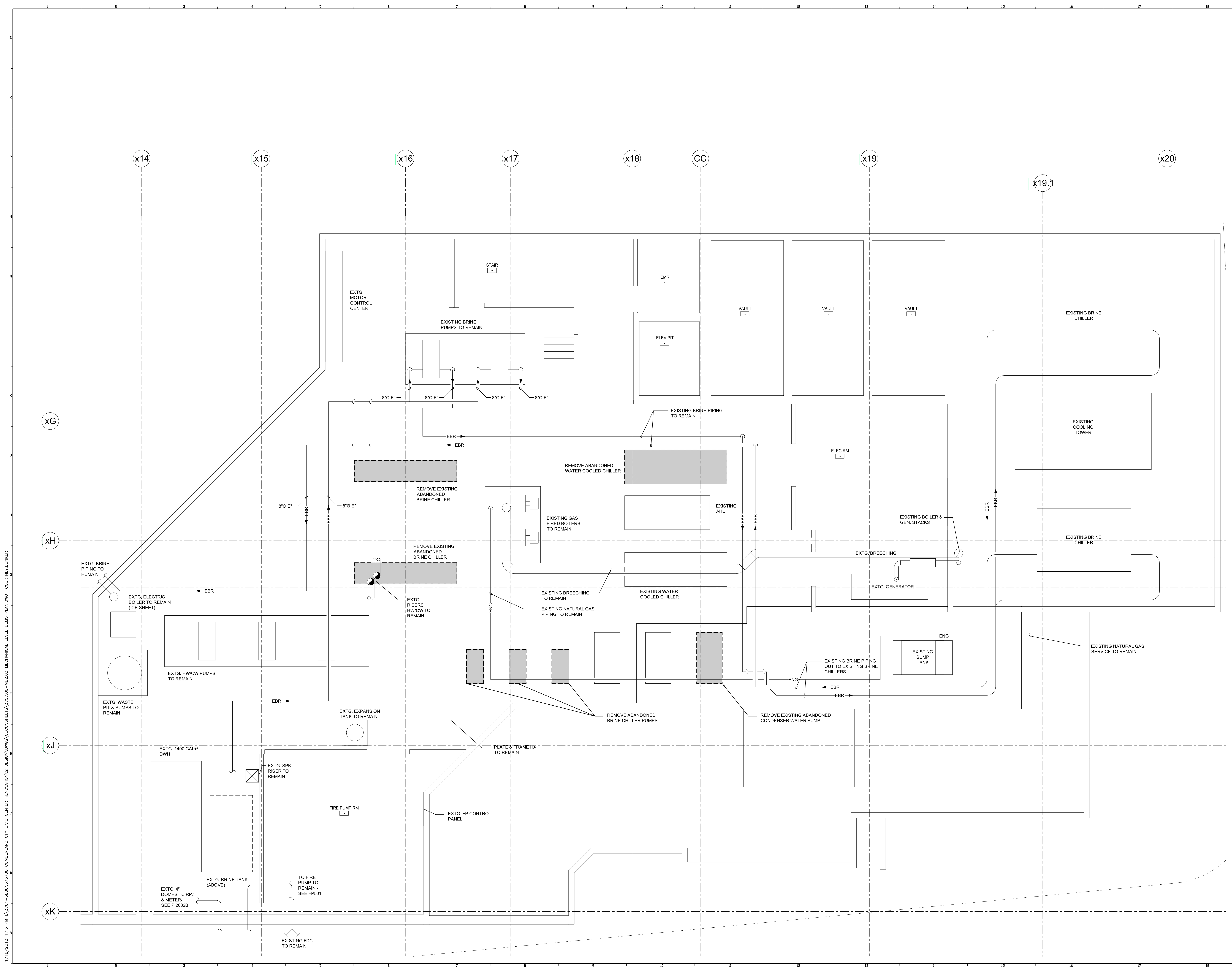
CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
MECHANICAL LEGEND

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PROJECT No. 3757.00 GRAPHIC SCALE OF 1"
SCALE AS NOTED
PROJECT MANAGER: JRB SHEET No. M0.01
DRAWN BY: CGB
CHECKED BY: DMON

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Professional Engineer
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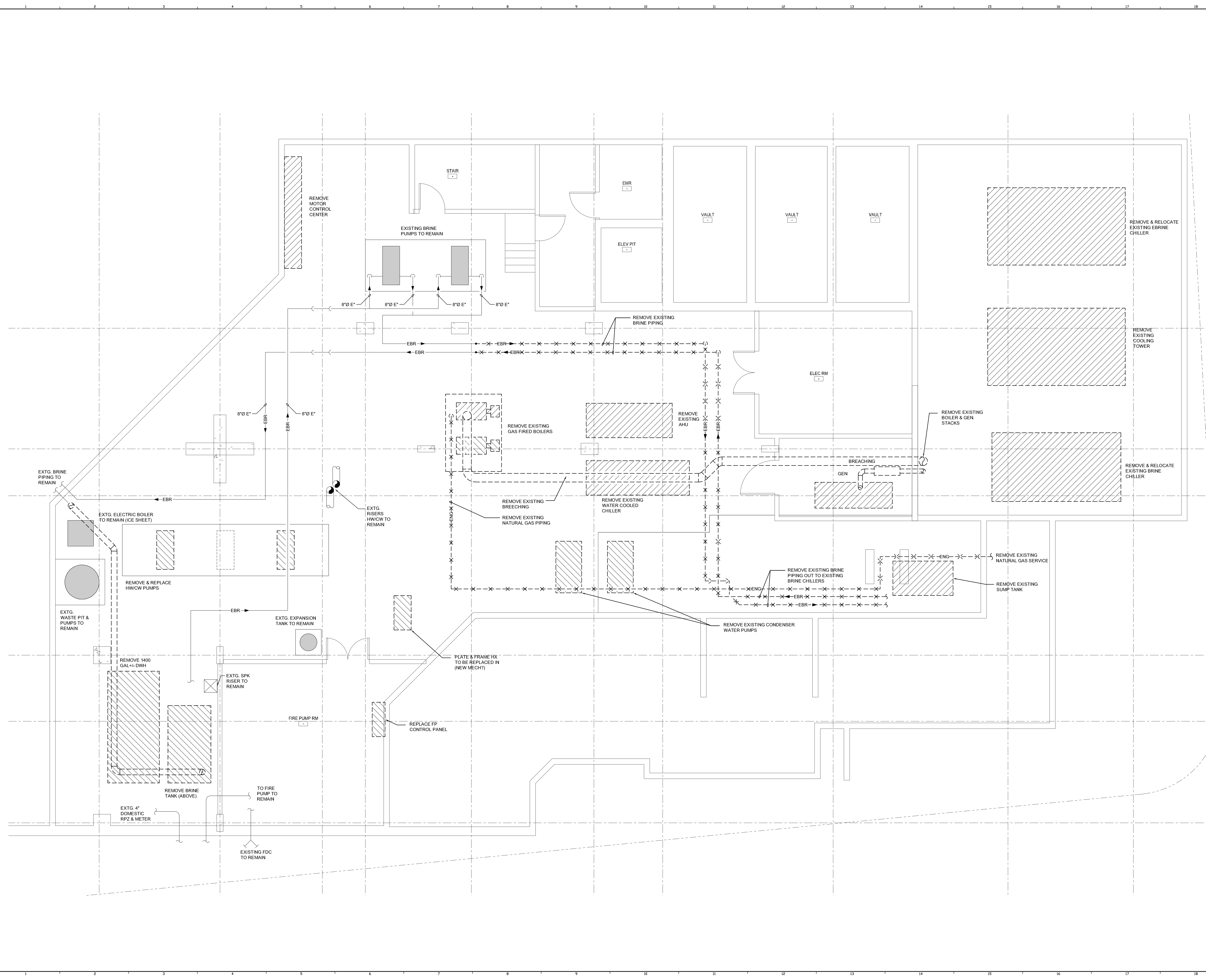
CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
MECHANICAL LEVEL MECHANICAL REMOVALS PLAN PHASE 1

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PROJECT No.:	3757.00
SCALE:	1/4" = 1'-0"
PROJECT MANAGER:	JRB
DRAWN BY:	CGB
CHECKED BY:	DMON
SHEET No.:	MD2.03A

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PROJECT: PORTLAND, ME
MECHANICAL LEVEL MECHANICAL REMOVALS PLAN

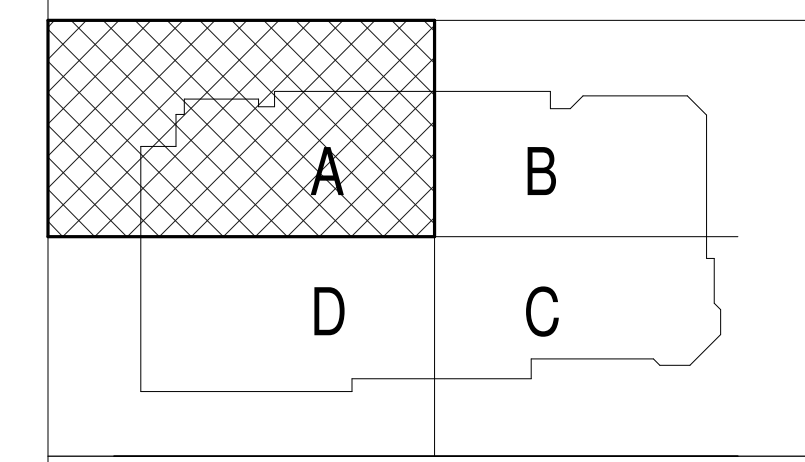
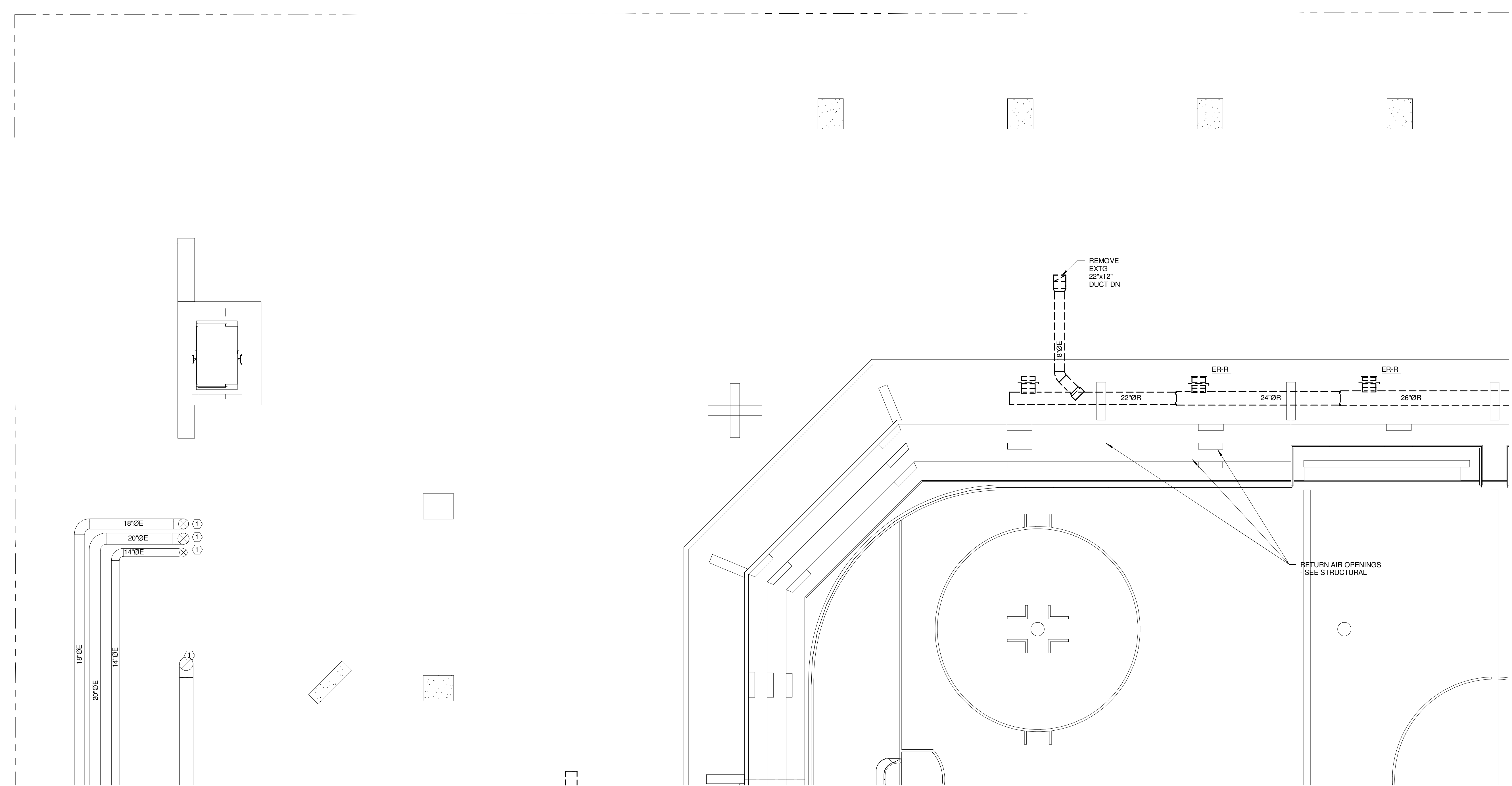
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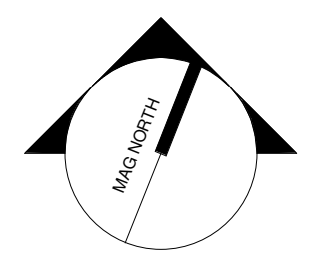
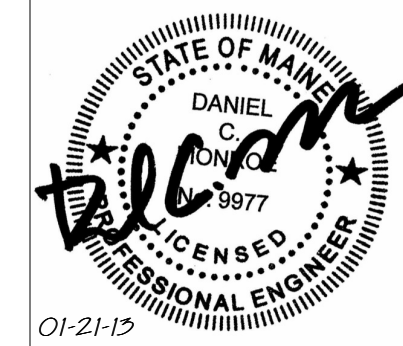
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- ① CAP & SEAL DUCT @ FLOOR



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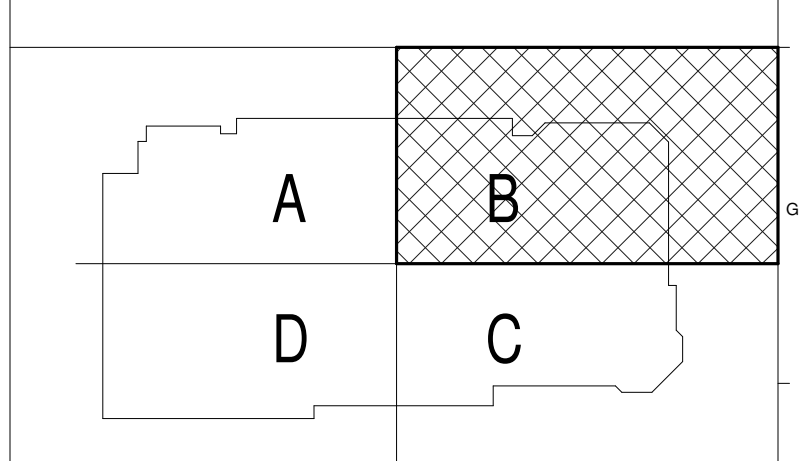
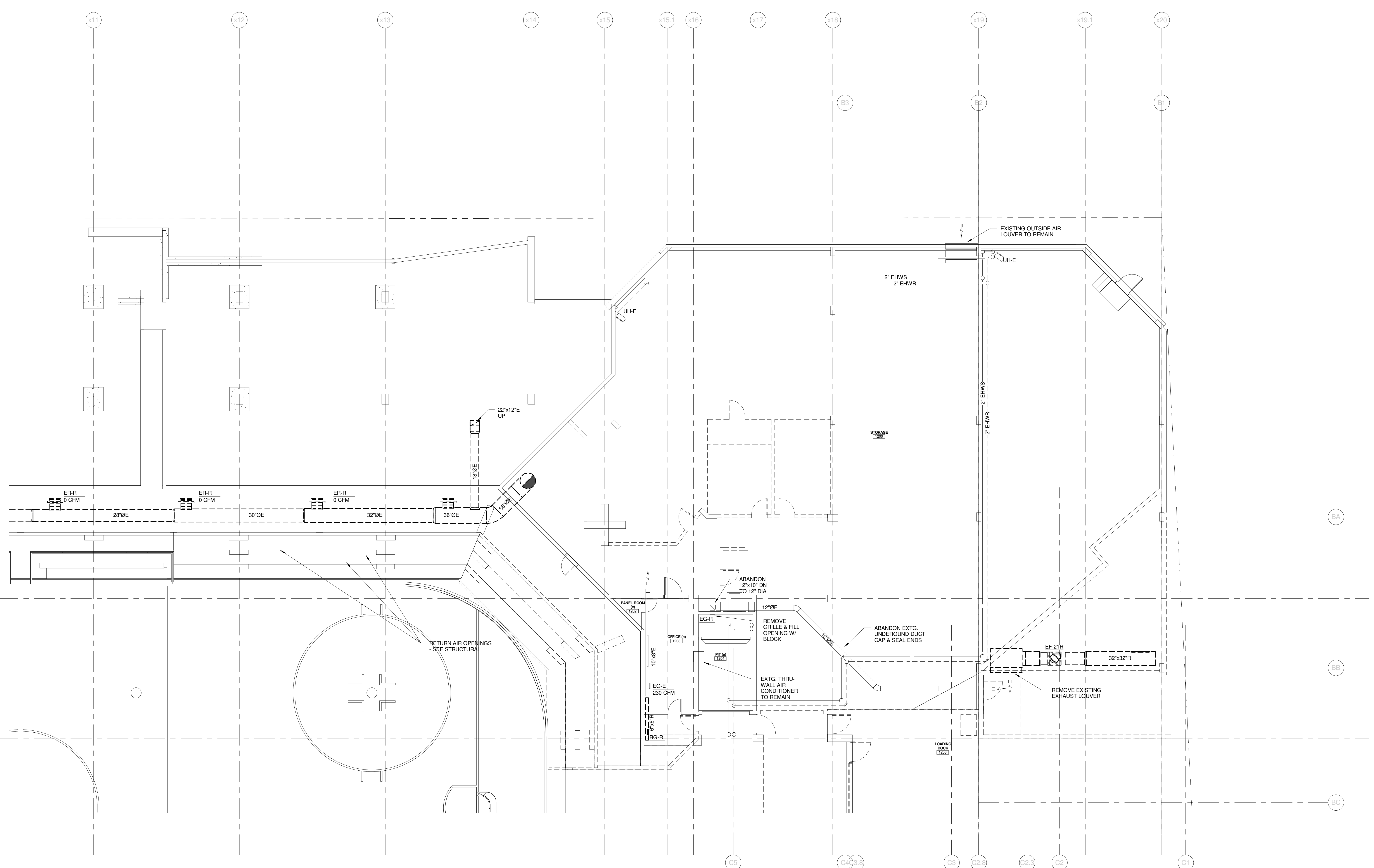
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PROJECT MANAGER:	JRB
DRAWN BY:	COB
CHECKED BY:	DMON
SHEET No.	MD2.11B

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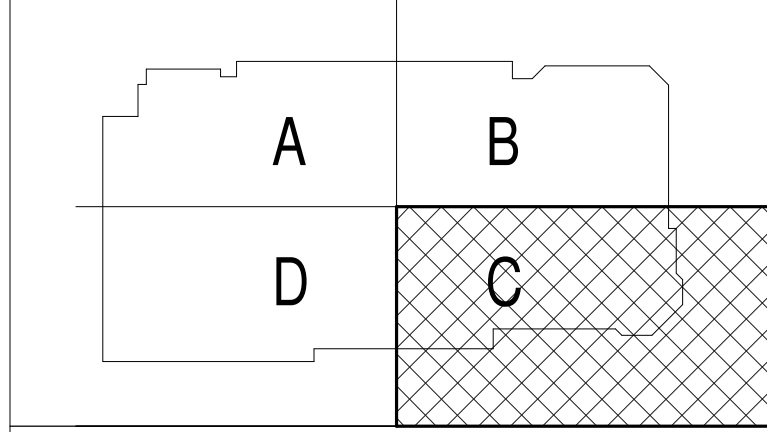
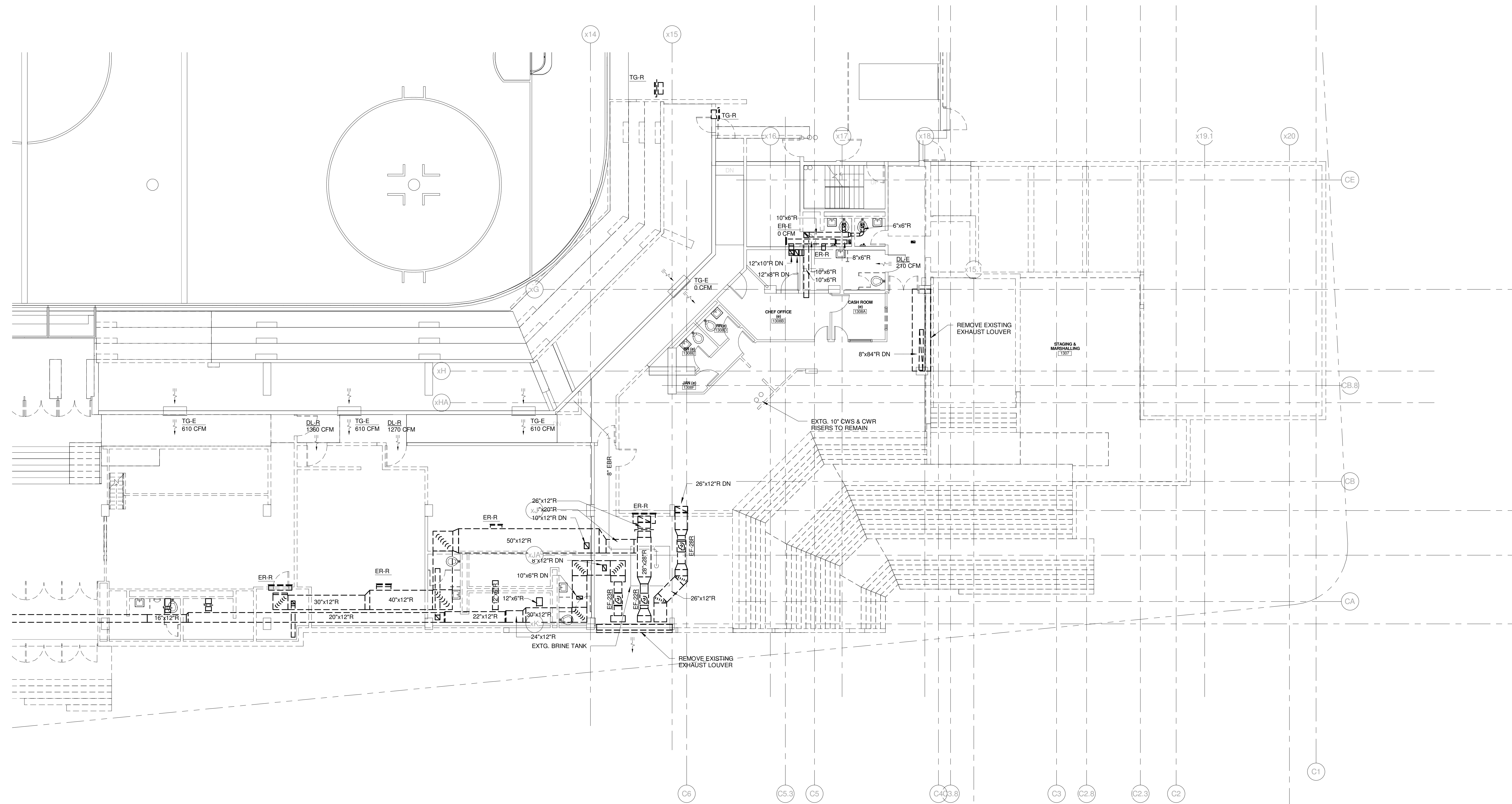
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PROJECT: PORTLAND, ME
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PROJECT: PORTLAND, ME
EVENT LEVEL MECHANICAL DEMO PLAN - QUAD C

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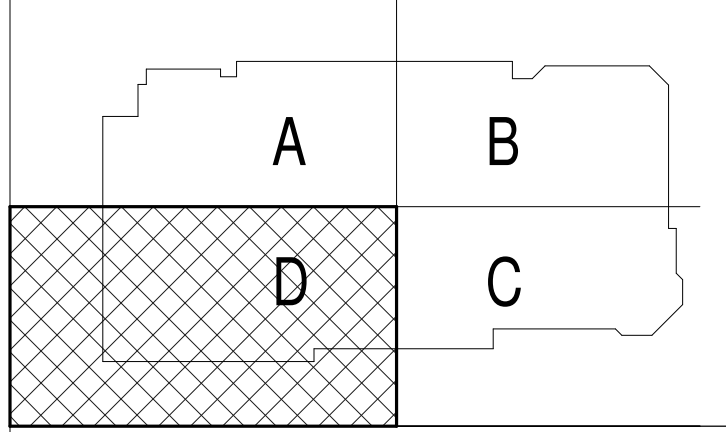
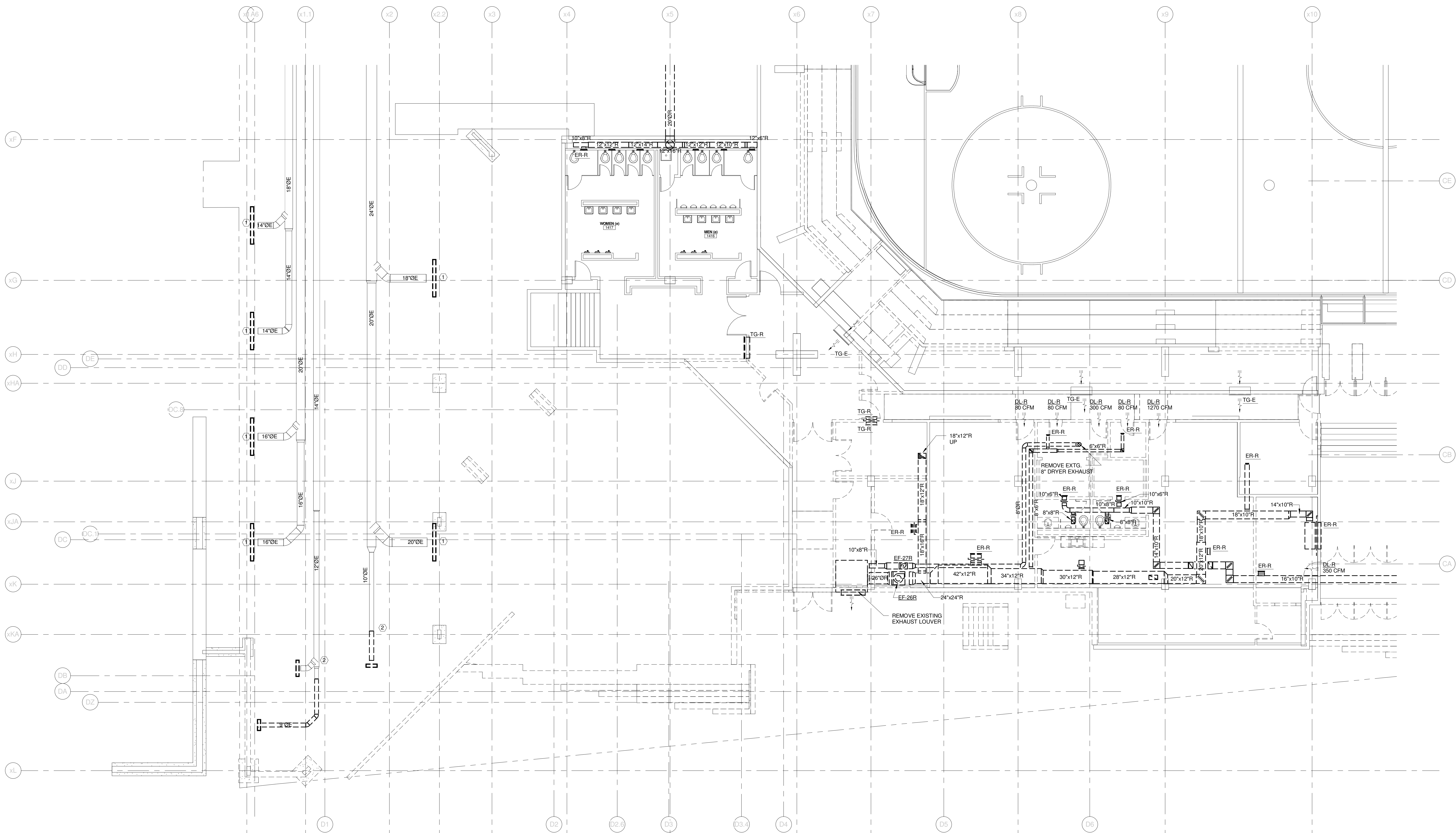
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- ① CAP & SEAL DUCT @ FLOOR
- ② CAP & SEAL DUCT, ABANDON IN PLACE



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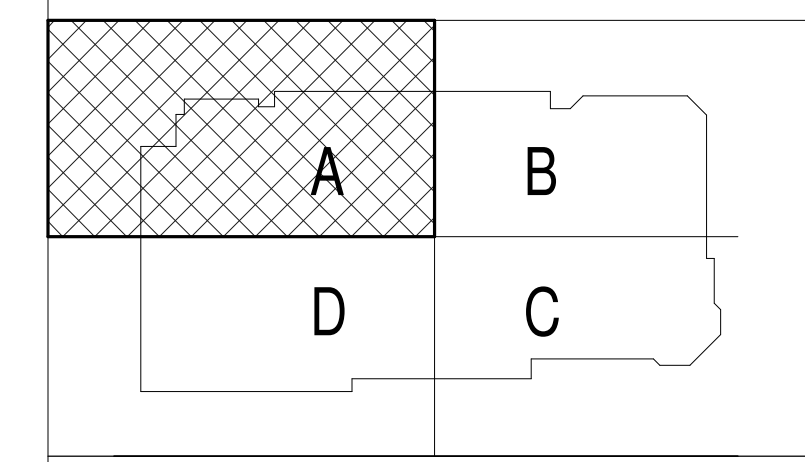
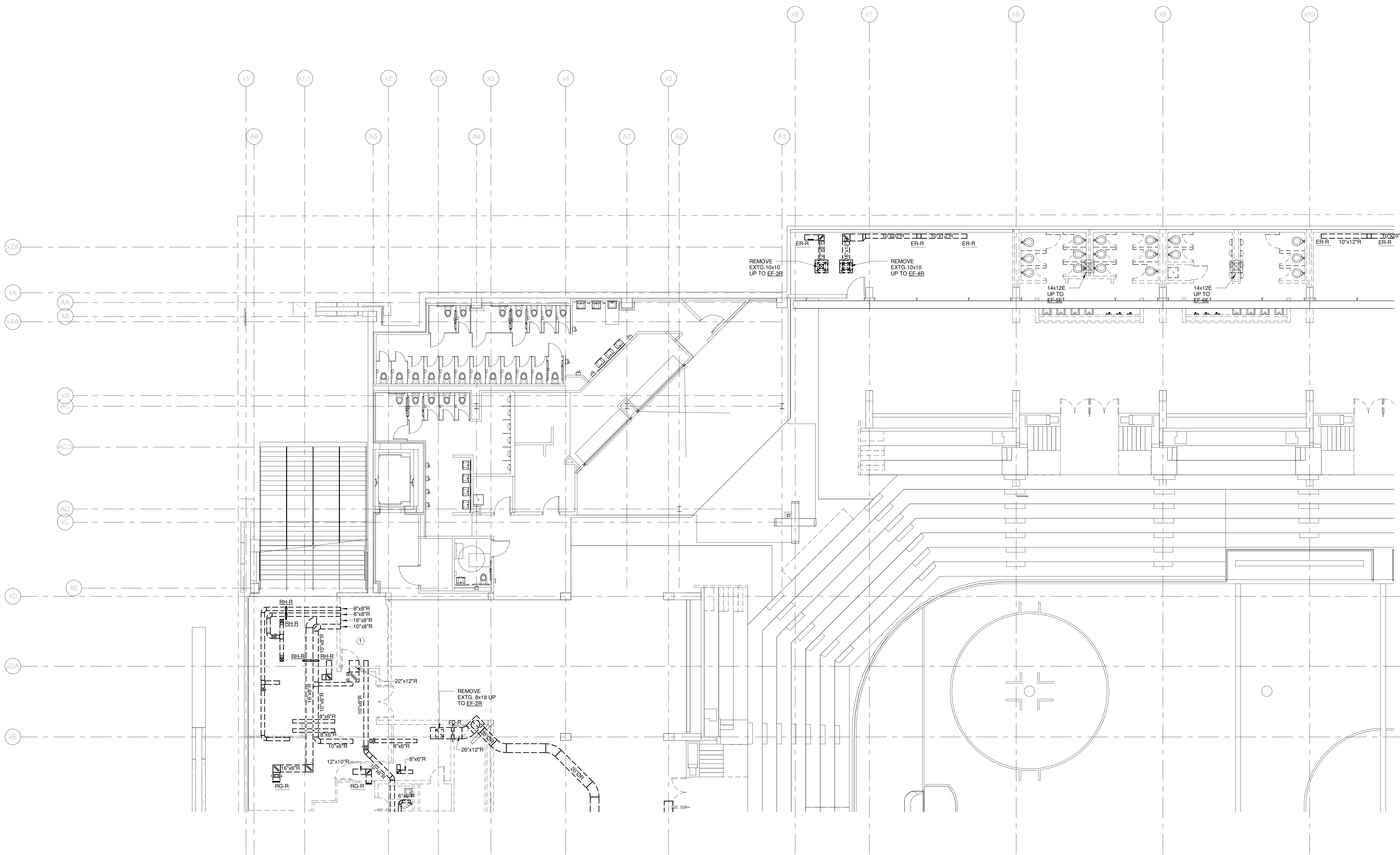
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PROJECT: PORTLAND, ME
EVENT LEVEL MECHANICAL DEMO PLAN - QUAD D

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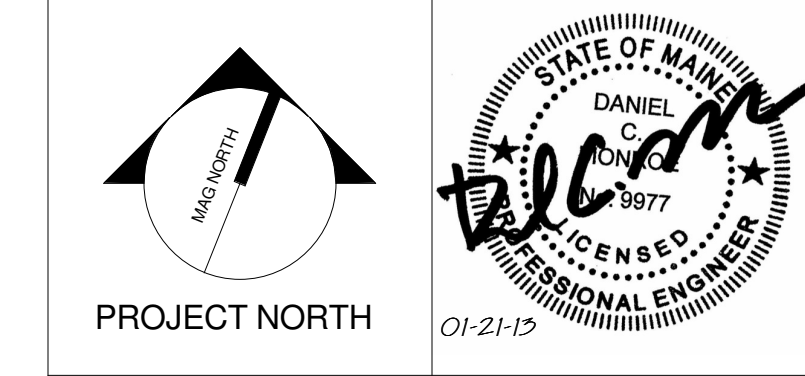
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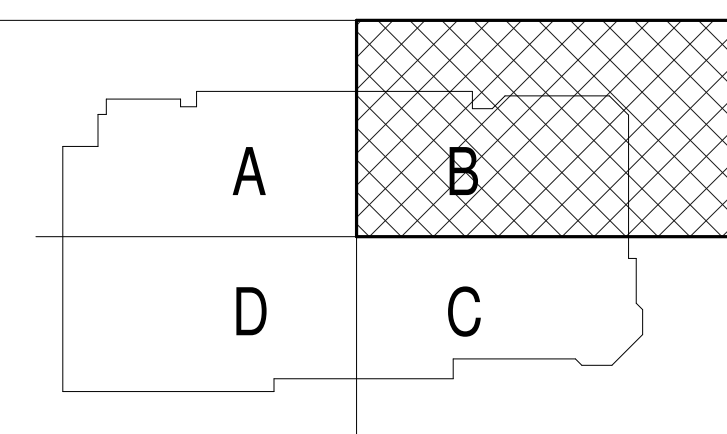
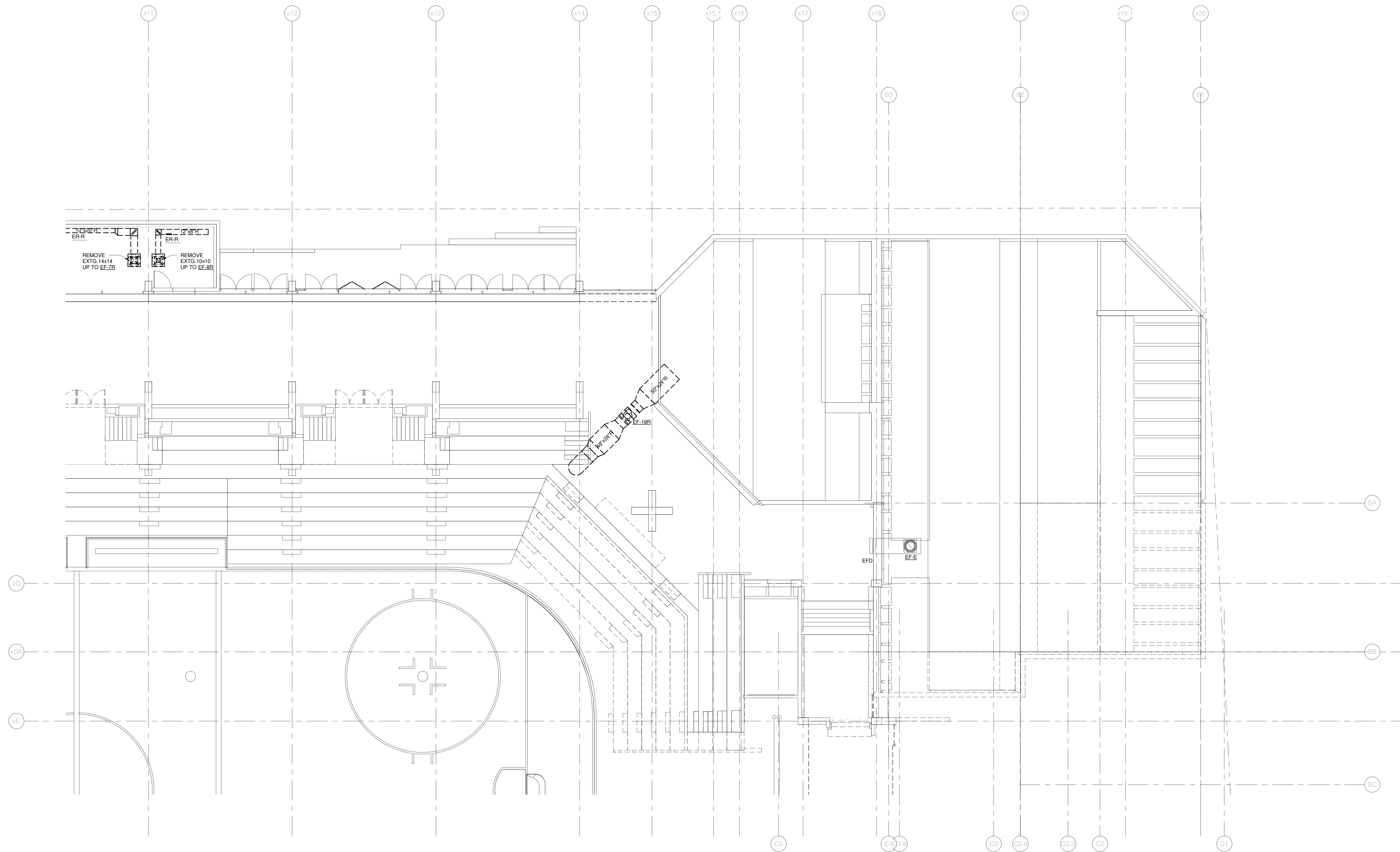
CONCOURSE LEVEL
MECHANICAL DEMO PLAN -
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PROJECT: PORTLAND, ME

**CONCOURSE LEVEL
MECHANICAL DEMO PLAN -
QUAD B**

SHEET TITLE

WBRC CAD FILE: 375700 - CCCC Mechanical.dwg

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PROJECT MANAGER: **JRB** SHEET No. **MD2.22B**

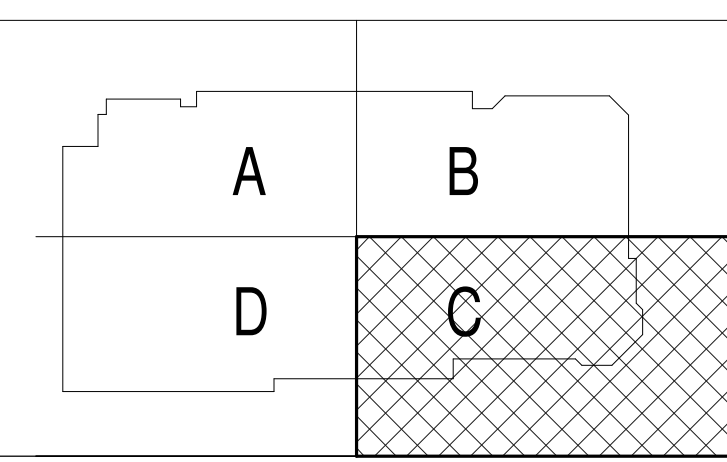
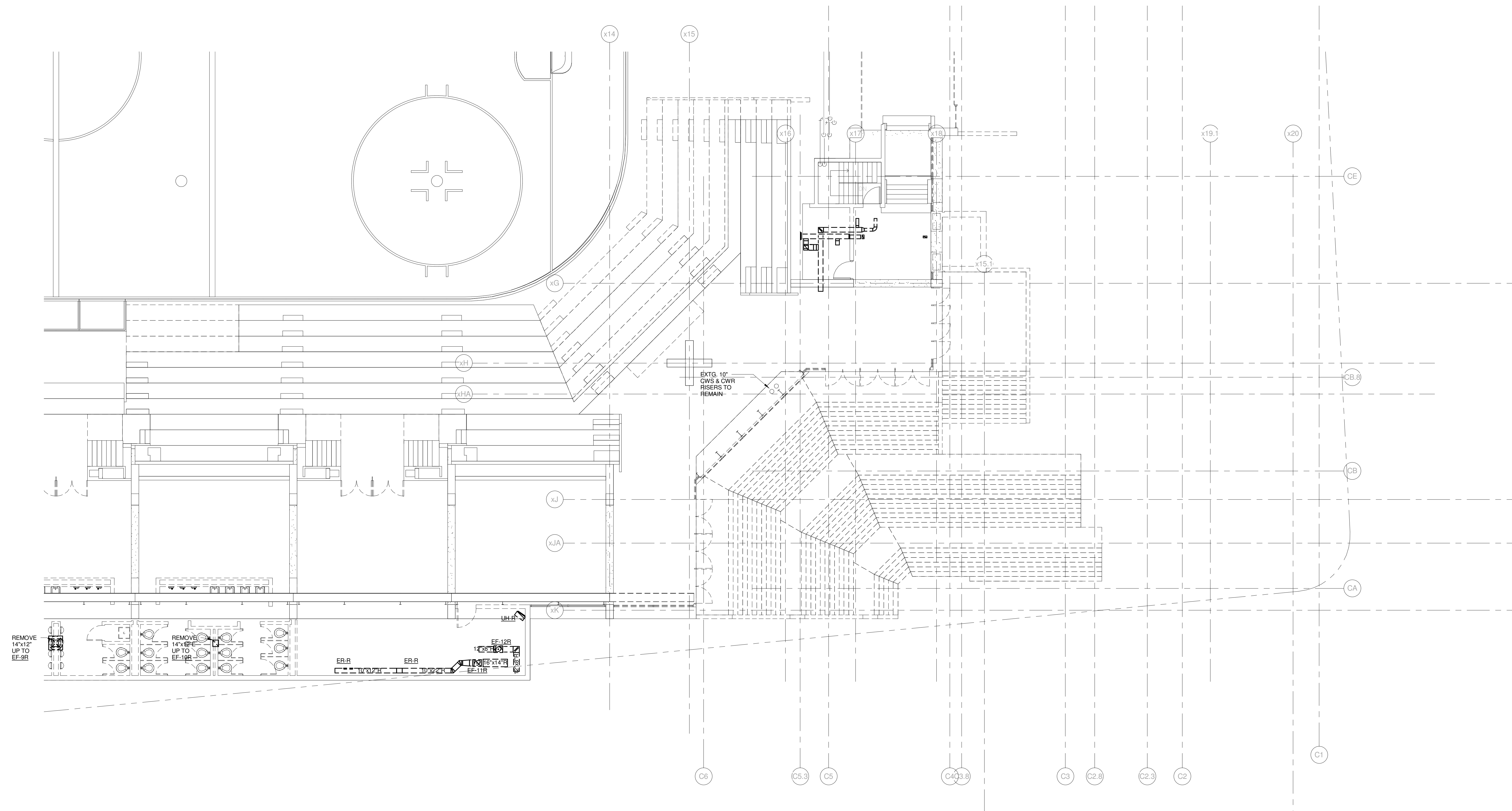
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME

**CONCOURSE LEVEL
MECHANICAL DEMO PLAN -
QUAD C**

SHEET TITLE

WBRC CAD FILE: 375700 - CCCC Mechanical.dwg

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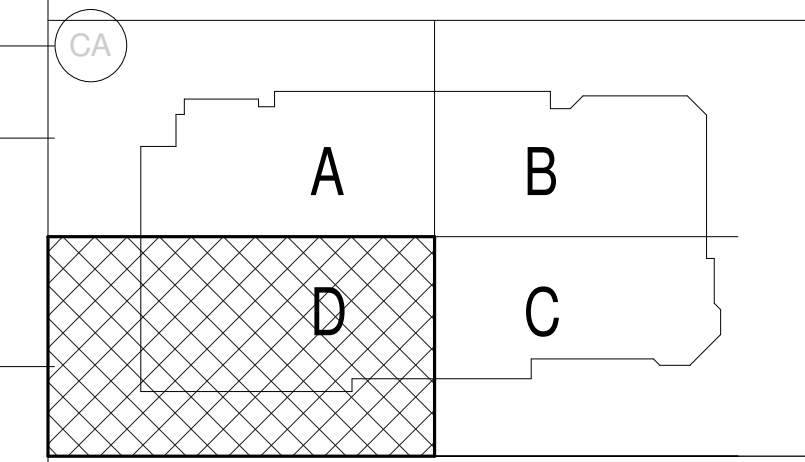
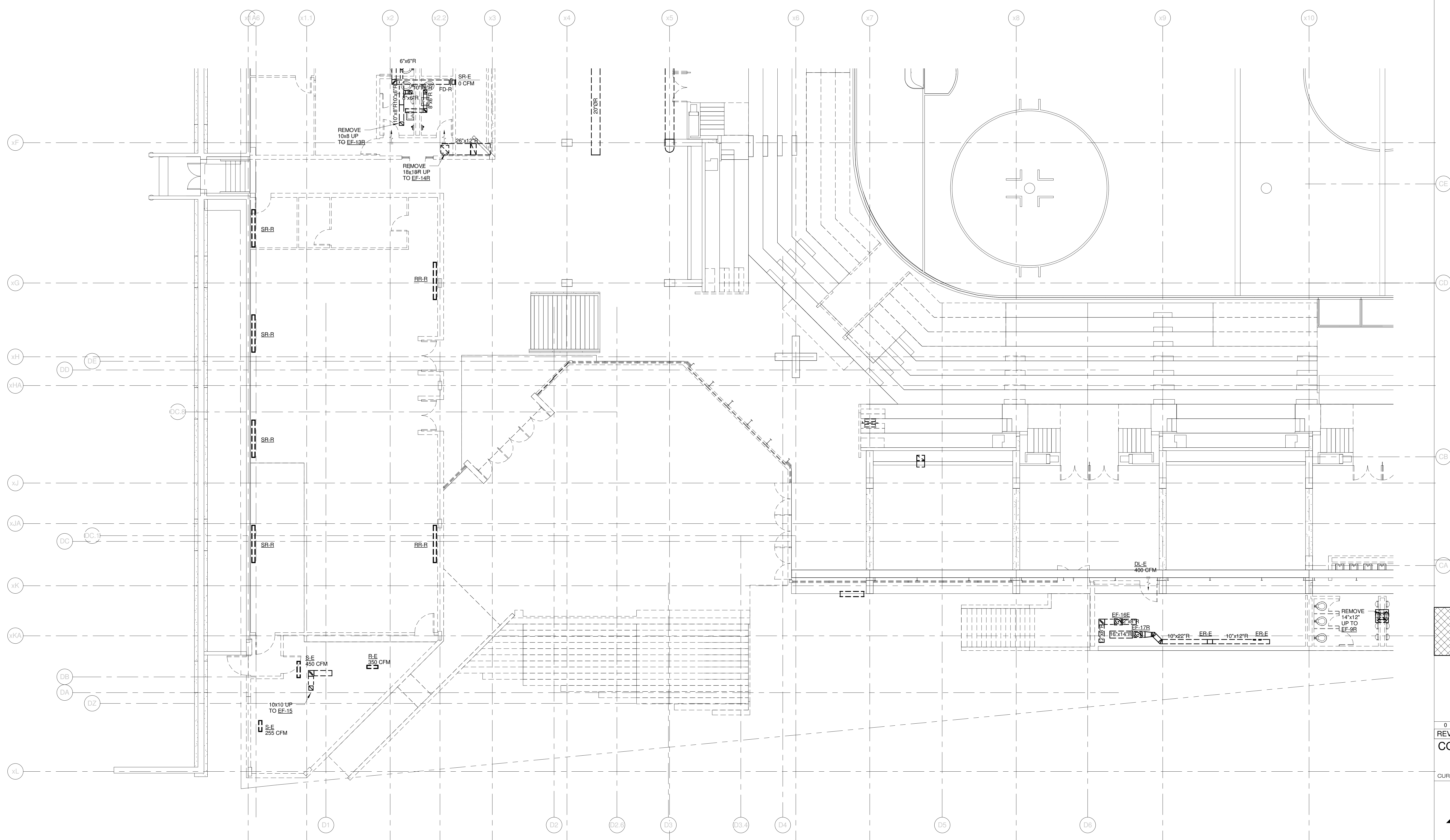
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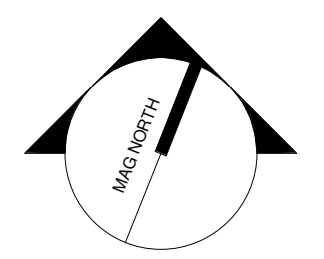
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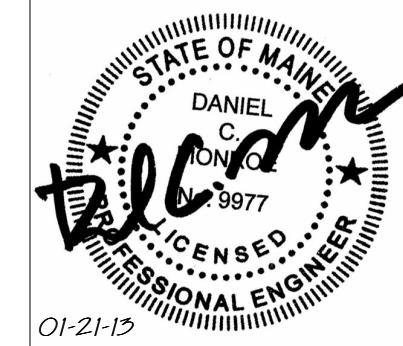
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME

**CONOURSE LEVEL
MECHANICAL DEMO PLAN -
QUAD D**

SHEET TITLE

WBRC CAD FILE: 375700 - CCCC Mechanical.dwg

PROJECT No. **3757.00** GRAPHIC SCALE: 1" = 1'-0"

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

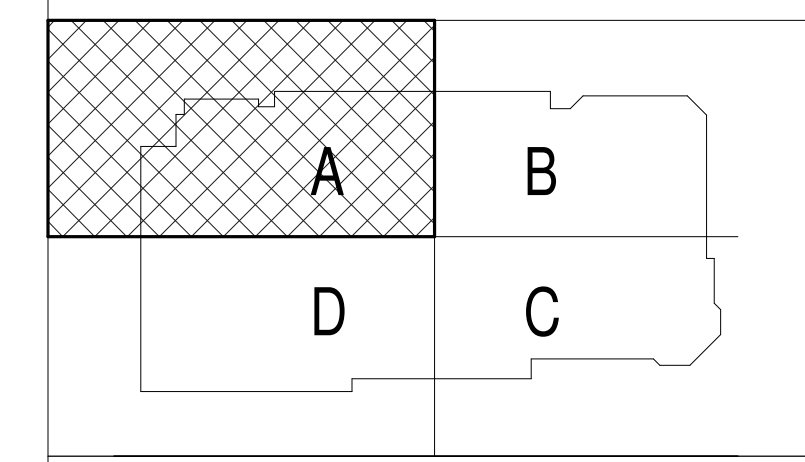
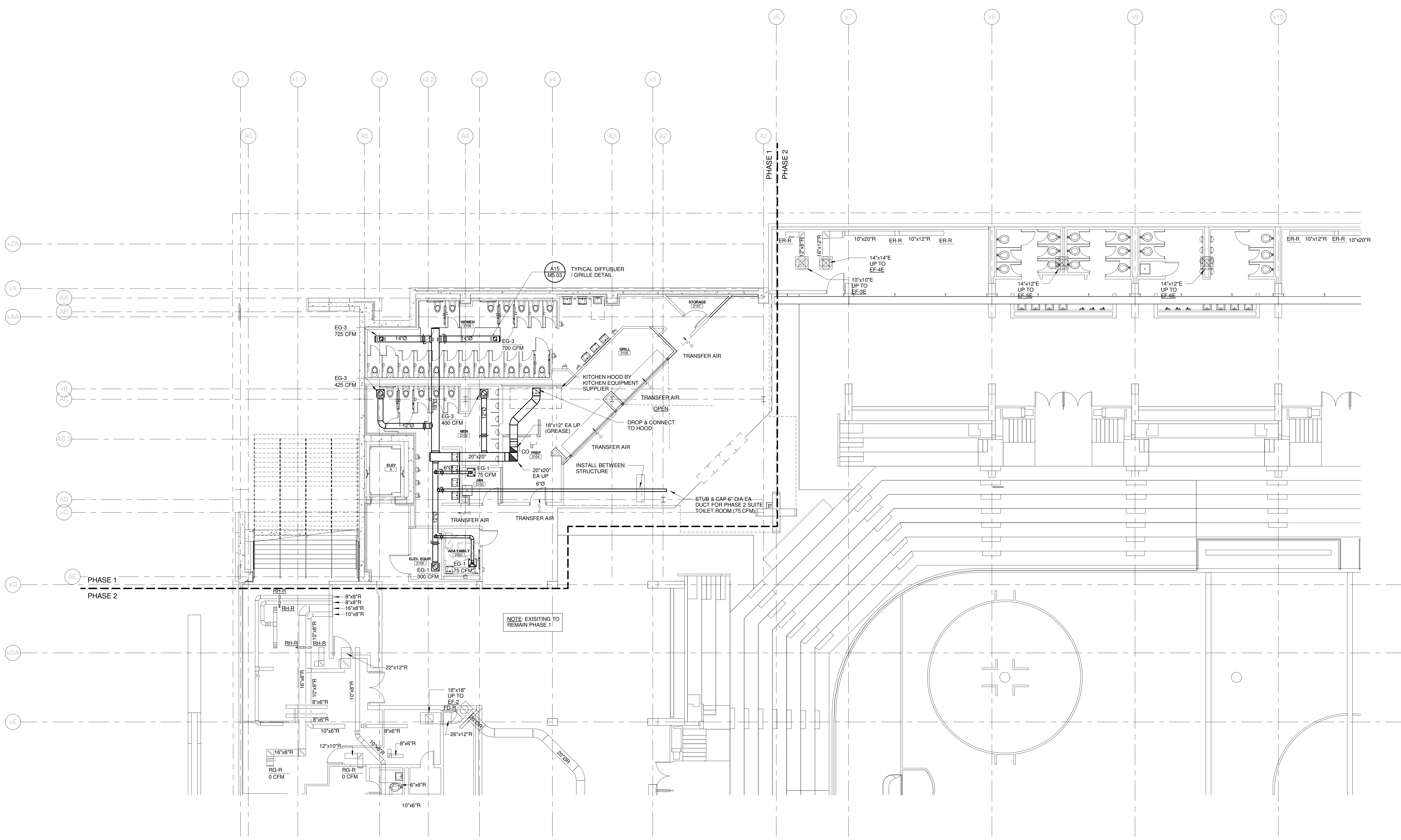
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME

**CONCOURSE LEVEL
MECHANICAL PLAN - QUAD A
PHASE 1**

SHEET TITLE: WBRC CAD FILE: 375700 - 0002 Mechanical.rvt

PROJECT No. **3757.00** GRAPHIC SCALE: 1" = 1'-0"

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

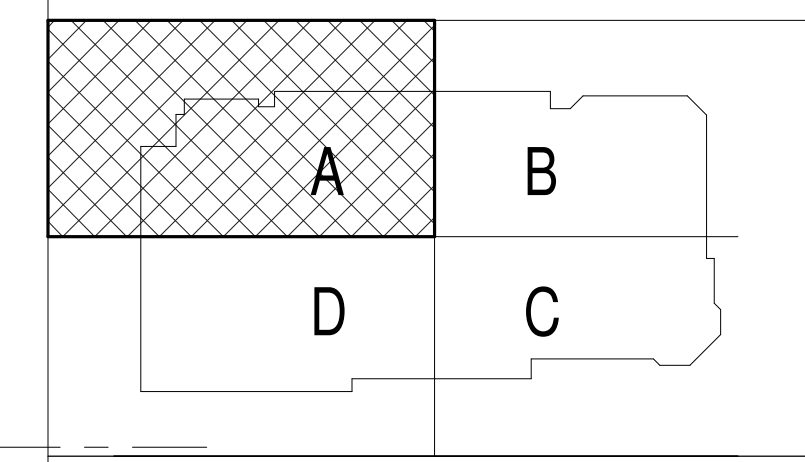
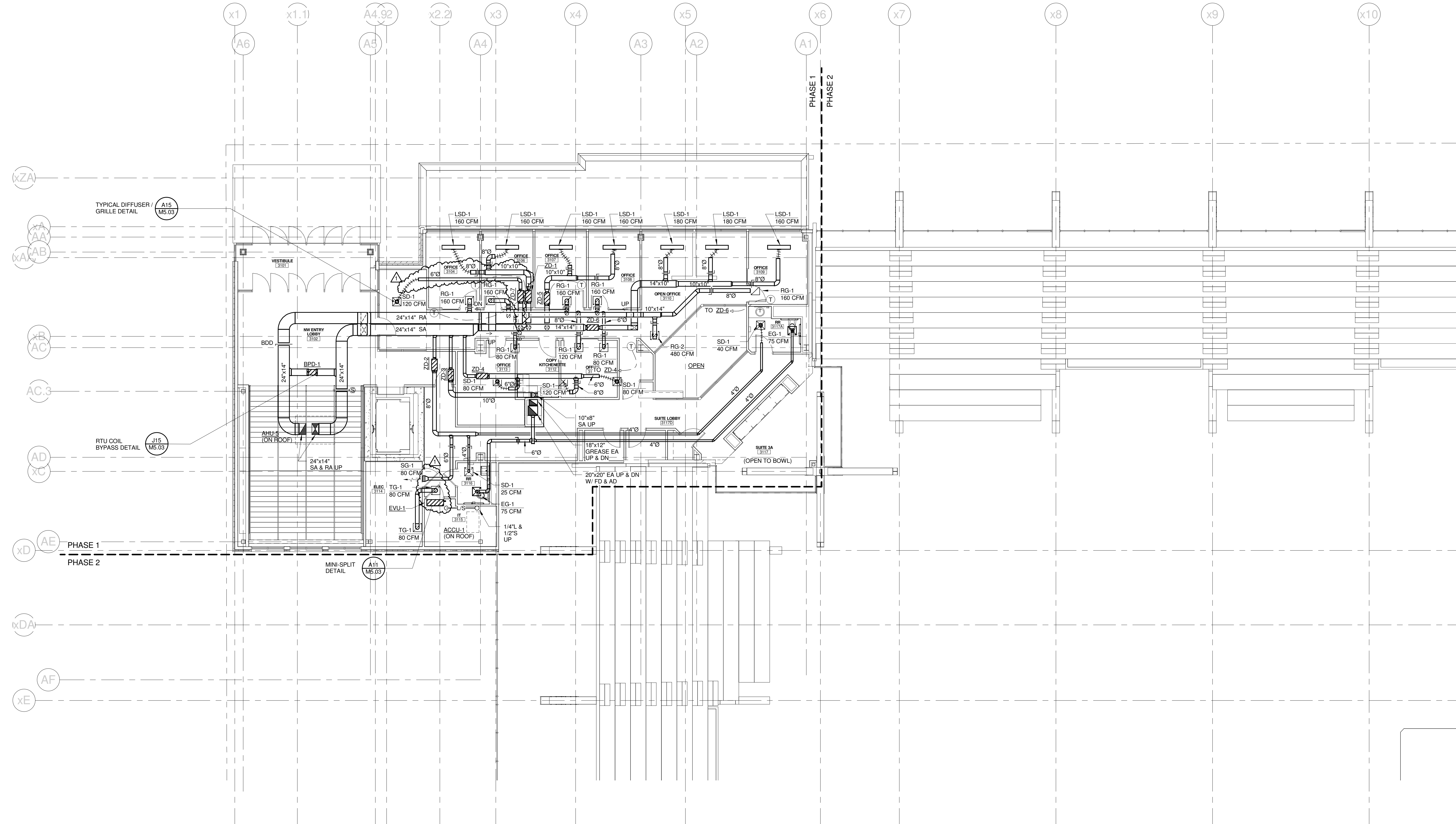
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DRAWN BY: CGB
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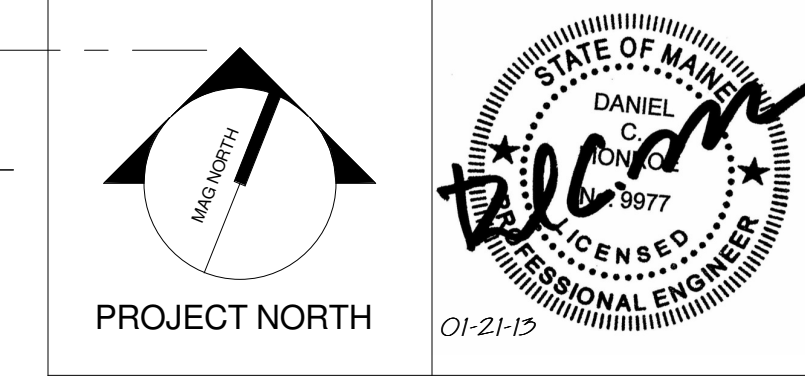
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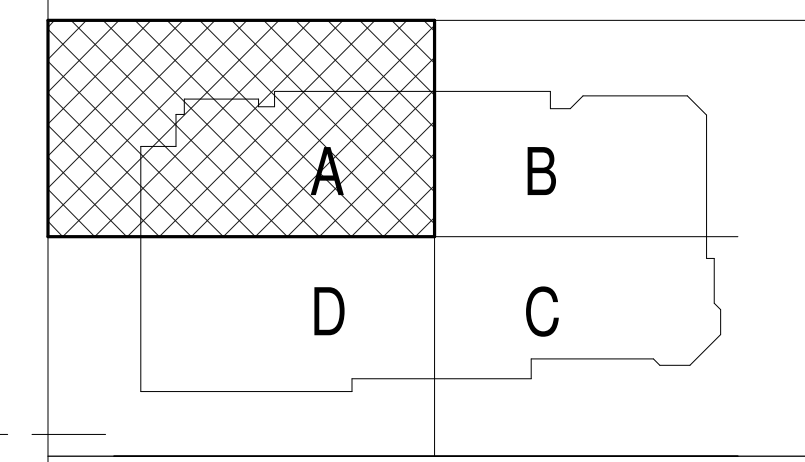
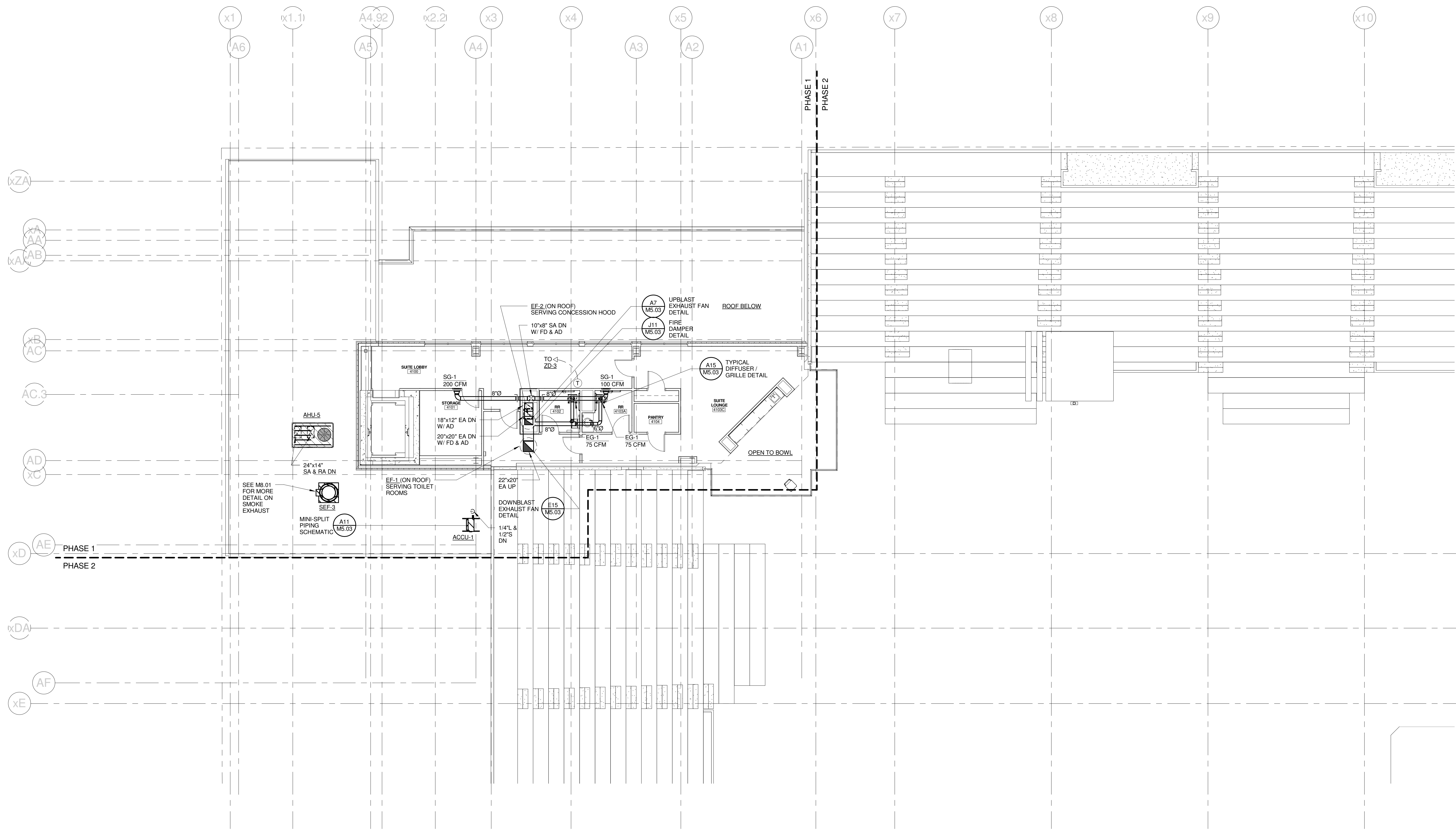
PROJECT: PORTLAND, ME
CUMBERLAND COUNTY CIVIC CENTER RENOVATION

MIDSUITES LEVEL
MECHANICAL LEVEL - QUAD A
PHASE 1

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PROJECT No.	3757.00	SCALE:	1/8" = 1'-0"
PROJECT MANAGER:	JRB	DRAWN BY:	COB
CHECKED BY:	DMON	SHEET No.	M2.31A

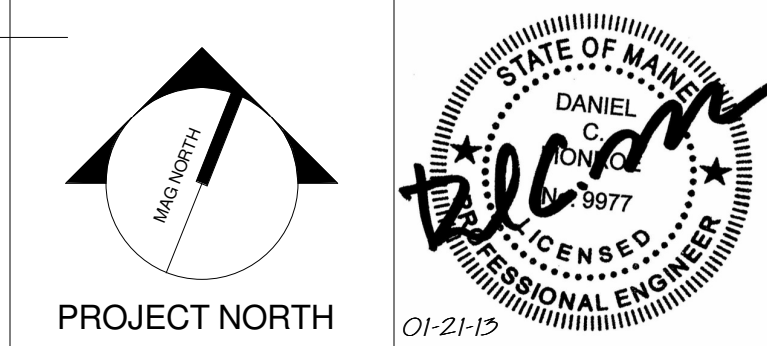
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
UPPER SUITES LEVEL
MECHANICAL PLAN - QUAD A
PHASE 1

SHEET TITLE:
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PROJECT No.: 3757.00 GRAPHIC SCALE: 1" = 10'
SCALE: 1/8" = 1'-0"
PROJECT MANAGER: JRB
DRAWN BY: COB
CHECKED BY: DMON
SHEET No.: M2.41A

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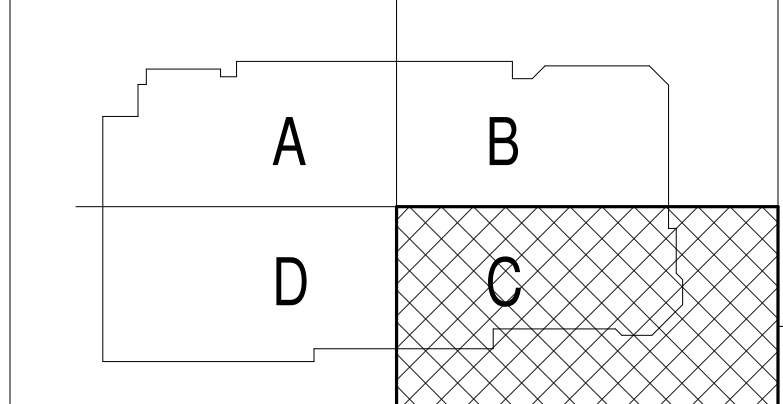
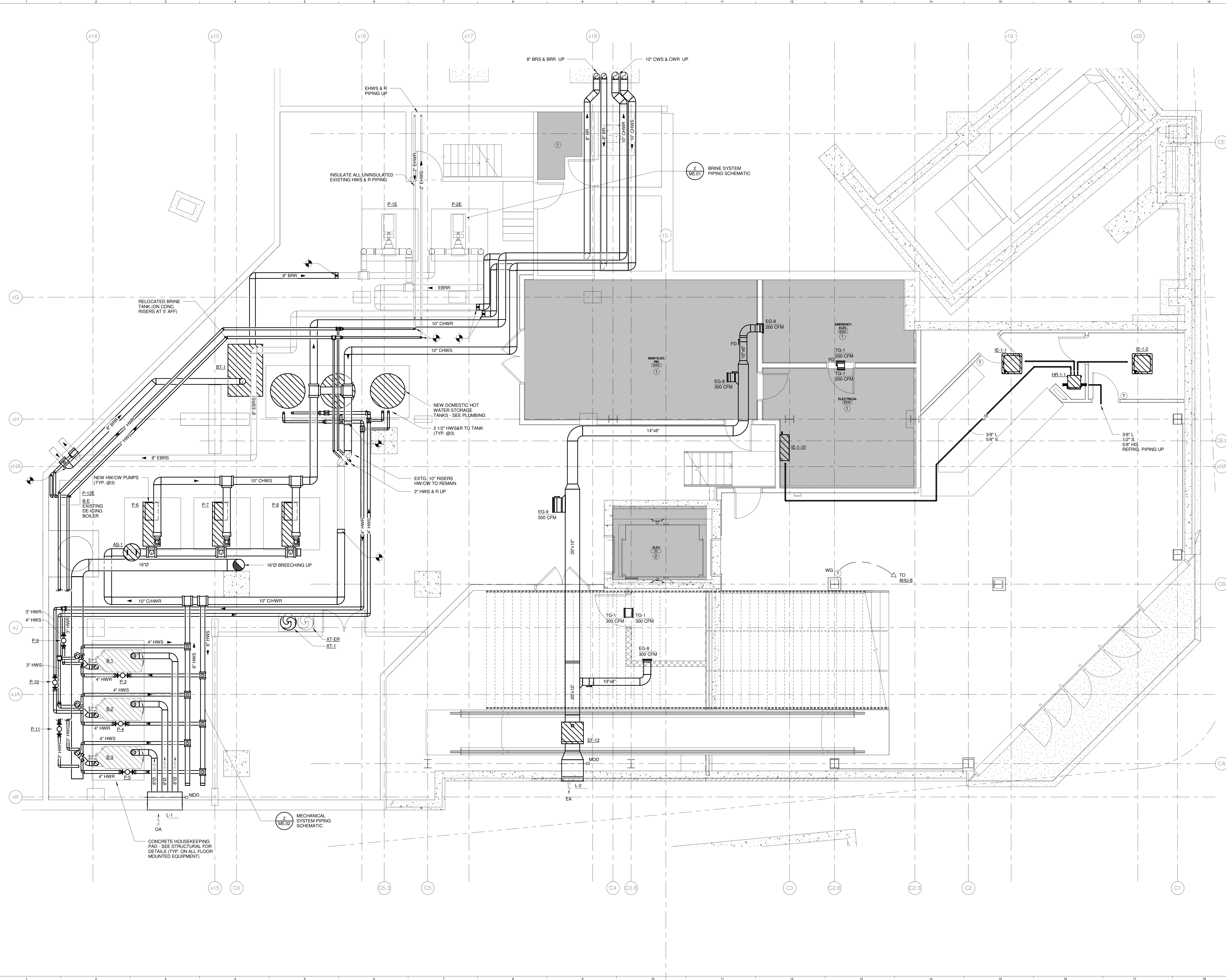
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- ALL VRF REFRIGERANT PIPING BRANCHES BETWEEN HEAT RECOVERY BOX & EVAPORATOR SHALL BE 1/4" LIQUID & 1/2" SUCTION UNLESS NOTED OTHERWISE

TECHNICAL NOTES:

- SPACE RESERVED FOR ELECTRICAL - NO PIPING OR DUCTWORK PERMITTED
- ELEVATOR - NO PIPING OR DUCTWORK PERMITTED



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME

MECHANICAL LEVEL MECHANICAL PLAN

SHEET TITLE: MECHANICAL LEVEL MECHANICAL PLAN
WBRC CAD FILE: 375700 - 0002 Mechanical.rvt
PROJECT No.: 3757.00 GRAPHIC SCALE: 1" = 1'-0"
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PROJECT MANAGER: JRB
DRAWN BY: CGB
CHECKED BY: DMON

M2.03B

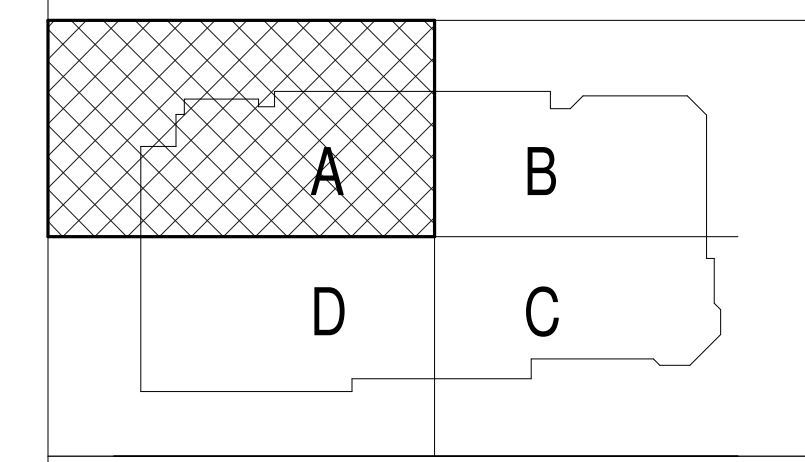
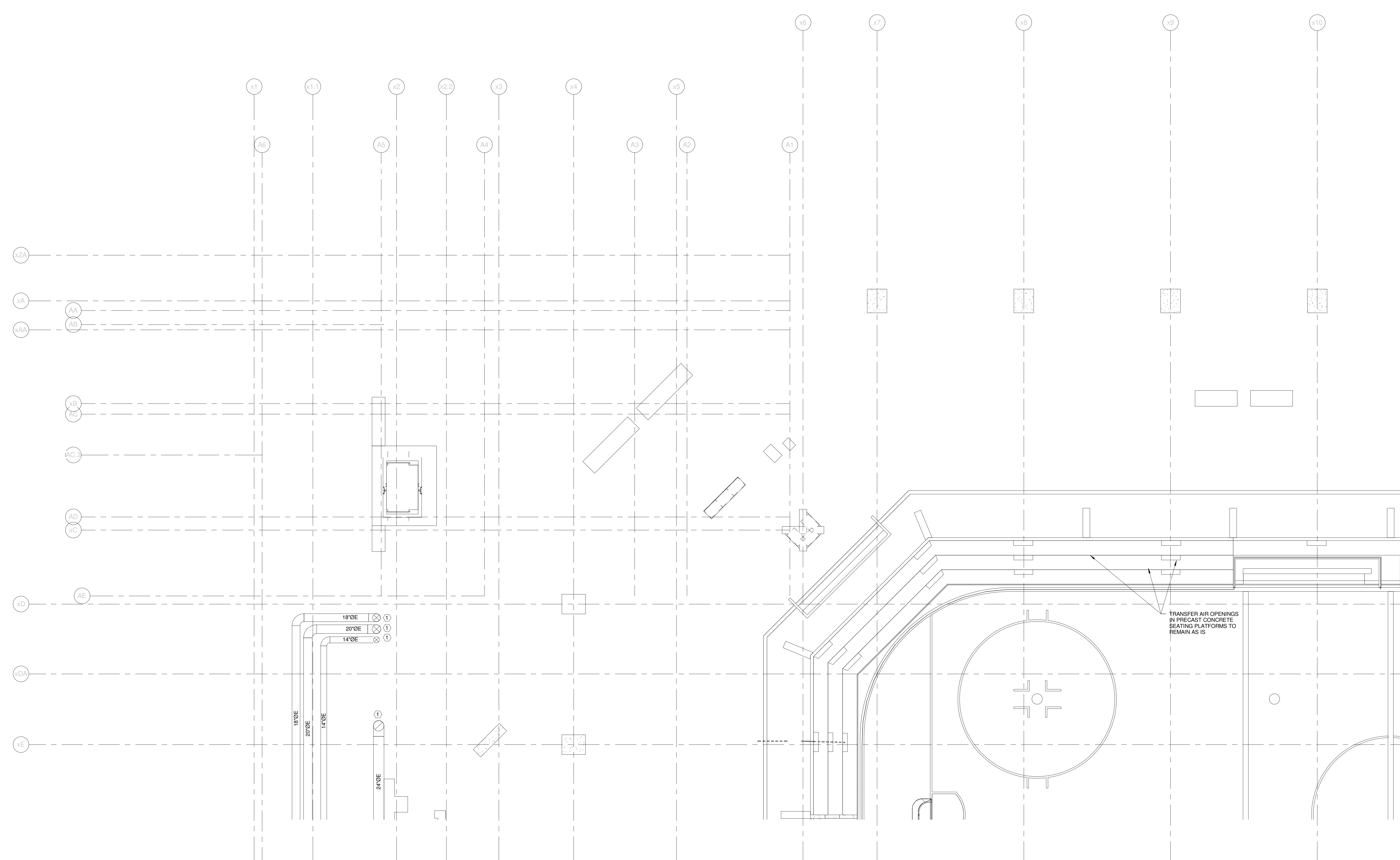
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TECHNICAL NOTES:

- ① CAP & SEAL DUCT @ FLOOR



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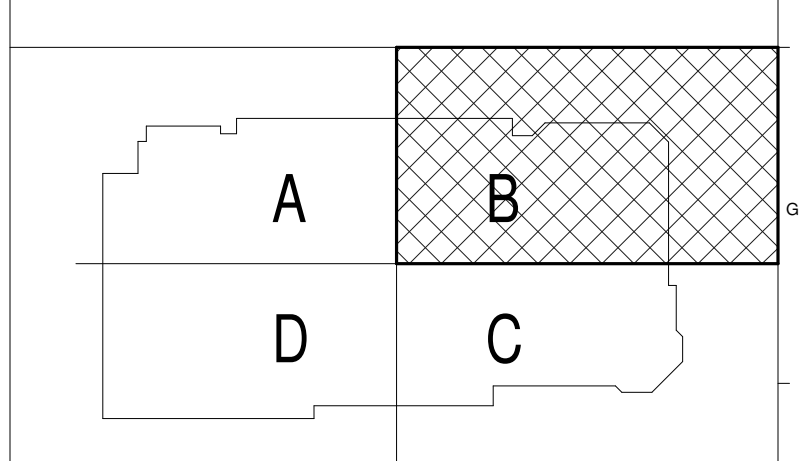
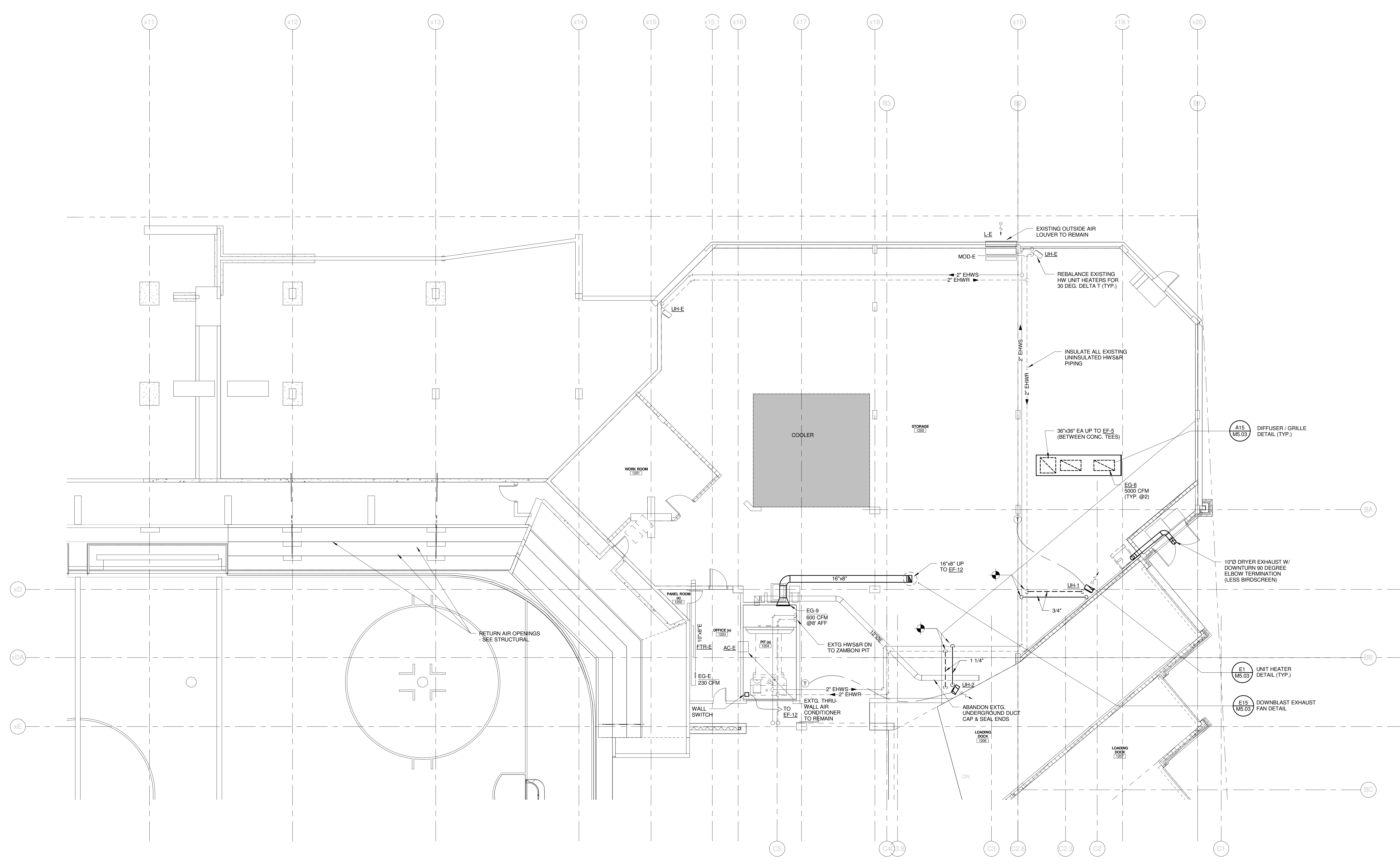
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
EVENT LEVEL MECHANICAL PLAN - QUAD A

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PROJECT No: 3757.00	DATE: 01-21-2013
SCALE: 1/8" = 1'-0"	SHEET No: M2.11B
PROJECT MANAGER: JRB	DRAWN BY: COB
CHECKED BY: DMON	

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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
EVENT LEVEL MECHANICAL PLAN - QUAD B

SHEET TITLE	EVENT LEVEL MECHANICAL PLAN - QUAD B	
WBRC CAD FILE	375700 - 0002 Mechanical.rvt	GRAPHIC SCALE
PROJECT No.	3757.00	1" = 1'-0"
SCALE	1/8" = 1'-0"	
PROJECT MANAGER	JRB	SHEET No.
DRAWN BY	COB	M2.12B
CHECKED BY	DMON	

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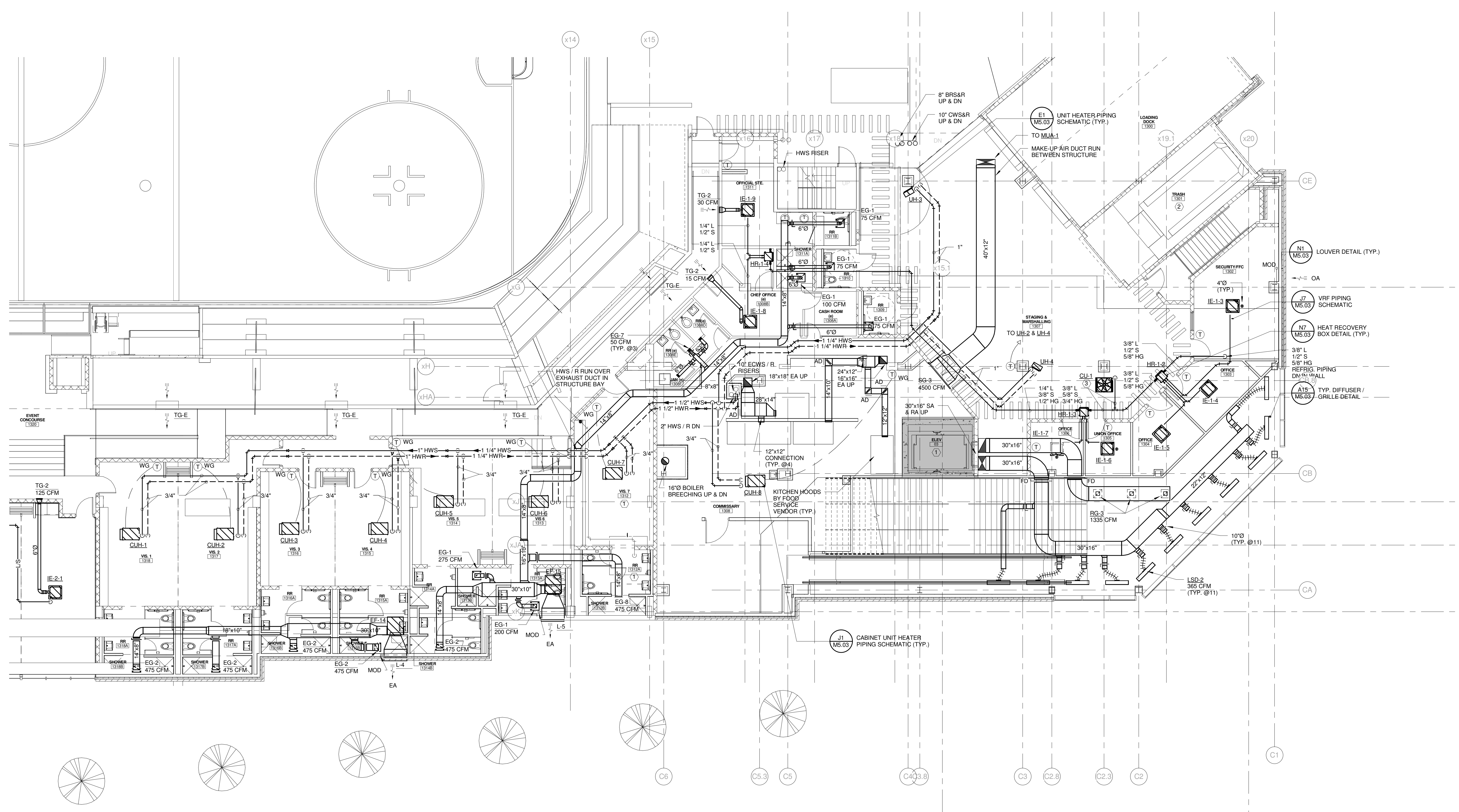
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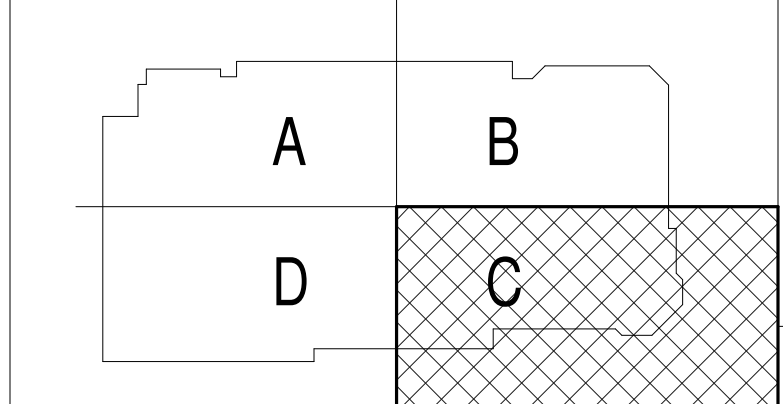
1. ALL VRF REFRIGERANT PIPING BRANCHES BETWEEN HEAT RECOVERY BOX & EVAPORATOR SHALL BE 1/4" LIQUID & 1/2" SUCTION UNLESS NOTED OTHERWISE

TECHNICAL NOTES:

1. RUN EXPOSED DUCT IN THIS ROOM TIGHT TO STRUCTURE W/ "PAINT GRIP" FINISH FOR FIELD PAINTING.
2. OZONE GENERATOR FOR TRASH COMPACTOR.
3. INSTALL CU-1 ON FIELD BUILT STEEL RACK 3' AFF. DISCHARGE OF CONDENSING UNIT SHALL BE TOWARD LOADING DOCKS. MAINTAIN 12" MINIMUM CLEARANCE BETWEEN CONDENSING UNIT AND COLUMN.



- N1 (M5.03) LOUVER DETAIL (TYP.)
- J7 (M5.03) VRF PIPING SCHEMATIC
- N7 (M5.03) HEAT RECOVERY BOX DETAIL (TYP.)
- A15 (M5.03) TYP. DIFFUSER / GRILLE DETAIL



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME

EVENT LEVEL MECHANICAL PLAN - QUAD C

SHEET TITLE	375700 - C002 Mechanical
PROJECT No.	3757.00
SCALE	1/8" = 1'-0"
PROJECT MANAGER	JRB
DRAWN BY	COB
CHECKED BY	DMON
SHEET No.	M2.13B

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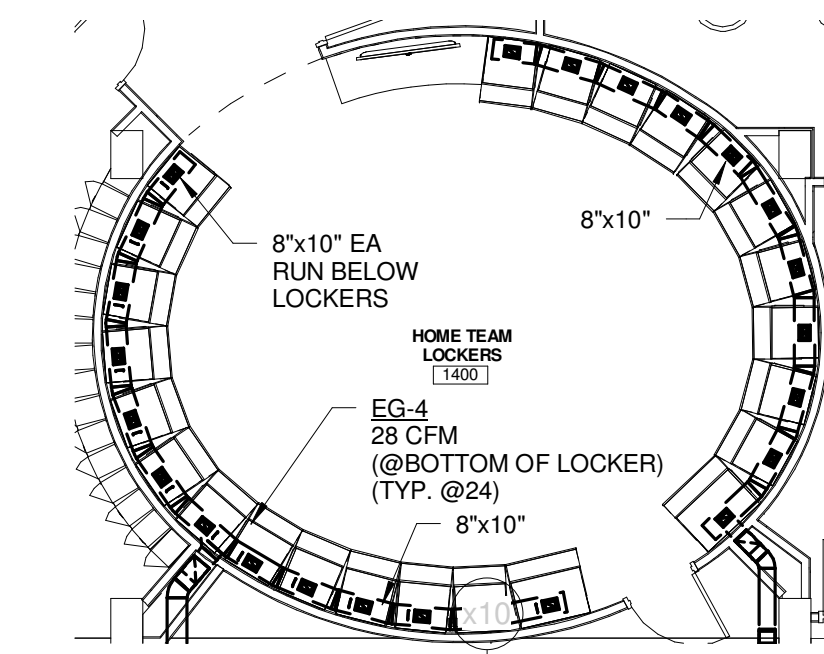
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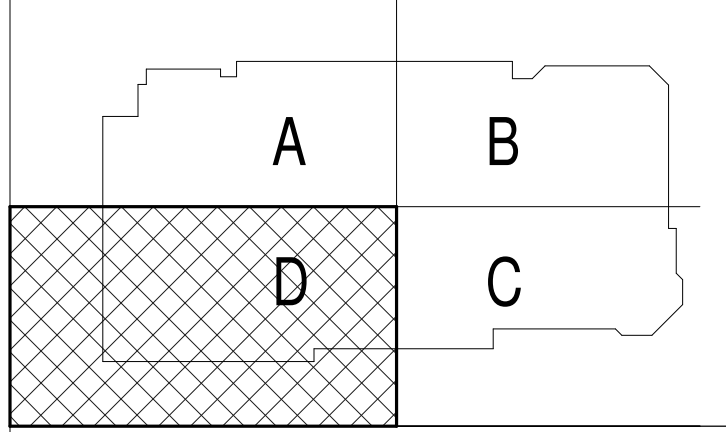
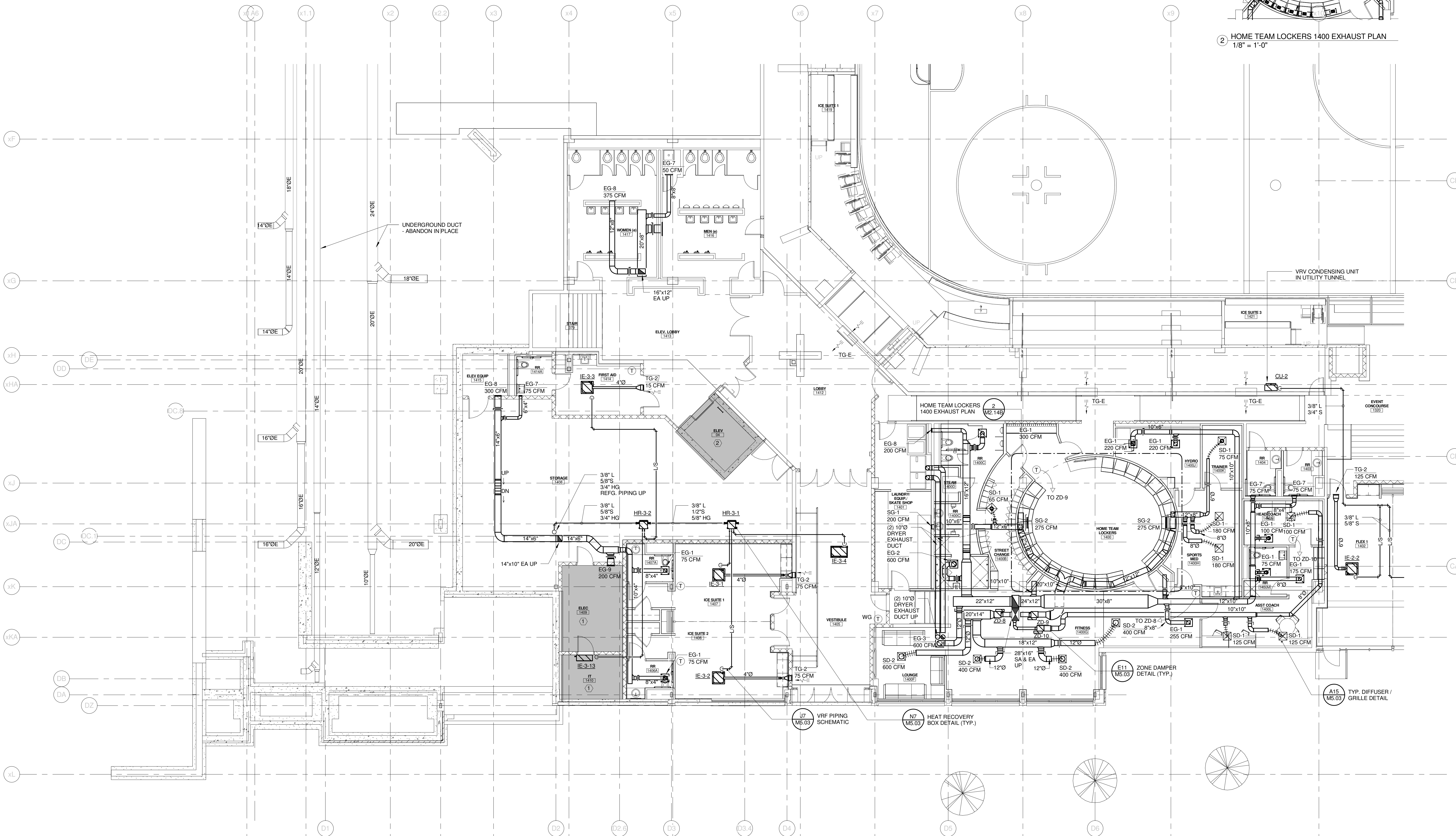
1. ALL VRF REFRIGERANT PIPING BRANCHES BETWEEN HEAT RECOVERY BOX & EVAPORATOR SHALL BE 1/4" LIQUID & 1/2" SUCTION UNLESS NOTED OTHERWISE

TECHNICAL NOTES:

1. SPACE RESERVED FOR ELECTRICAL - NO PIPING OR DUCTWORK PERMITTED
2. ELEVATOR - NO PIPING OR DUCTWORK PERMITTED



2 HOME TEAM LOCKERS 1400 EXHAUST PLAN
 1/8" = 1'-0"



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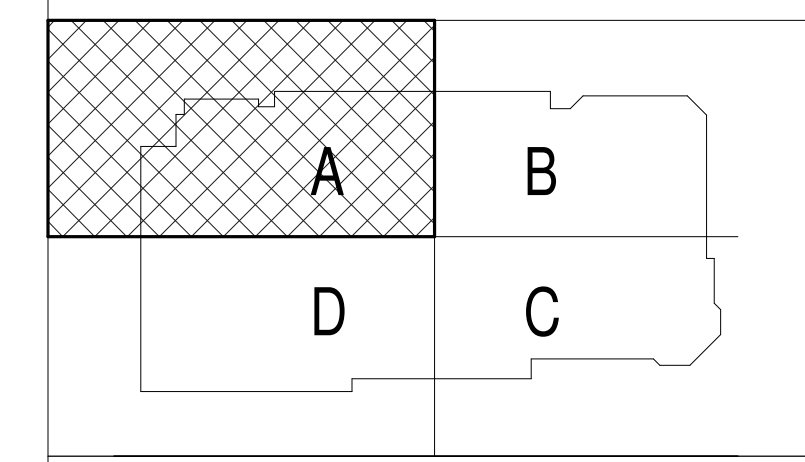
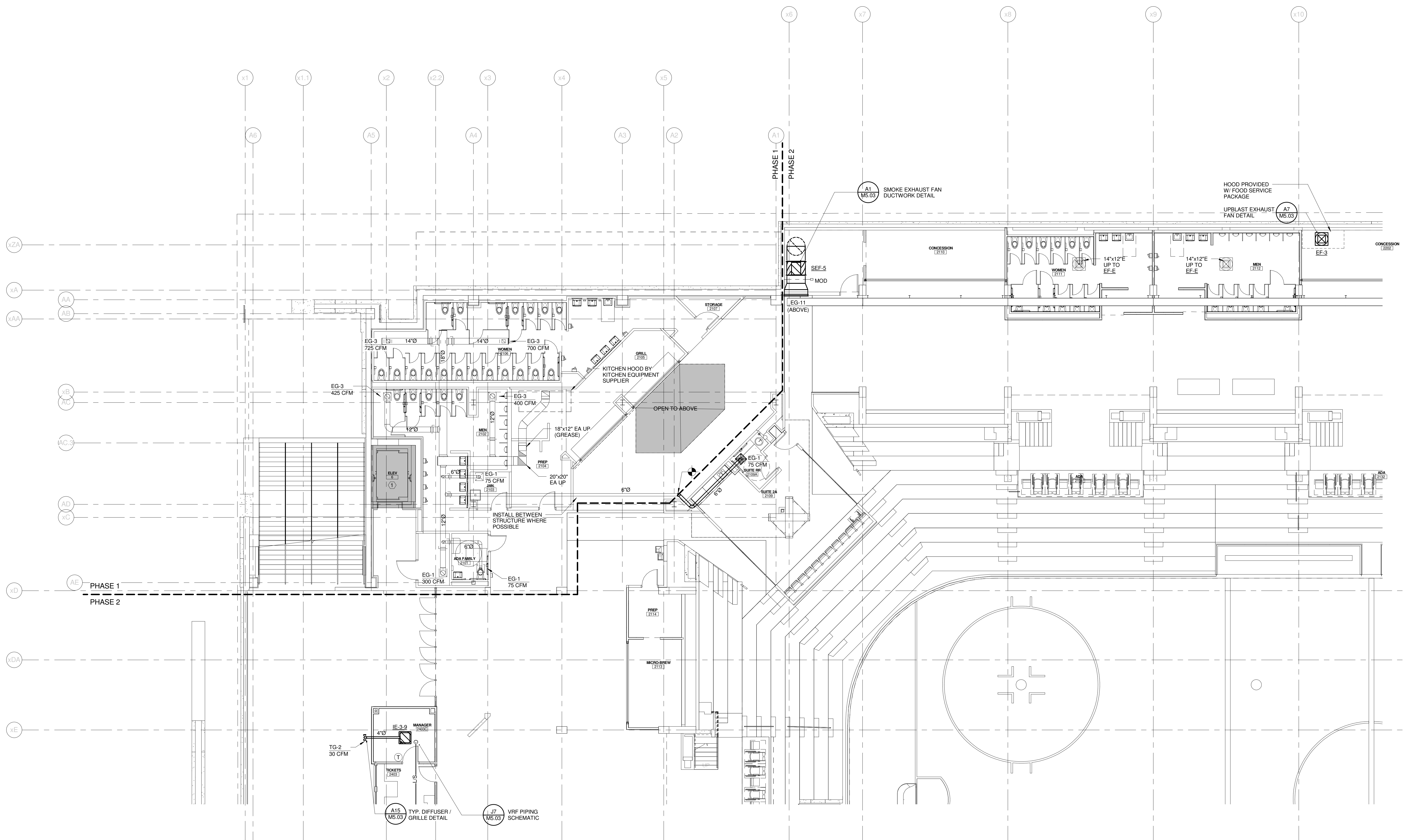
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PROJECT MANAGER	JRB
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PROJECT: PORTLAND, ME

CONCOURSE LEVEL
MECHANICAL PLAN - QUAD A

SHEET TITLE

WBRC CAD FILE: 375700 - 0000 Mechanical.mxd

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

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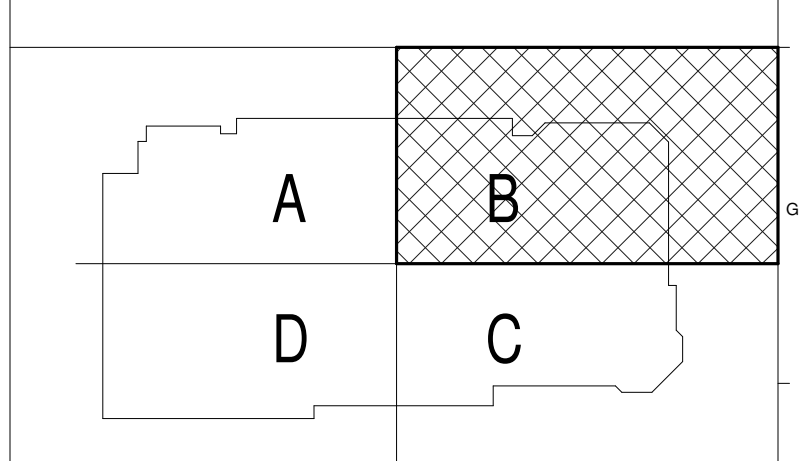
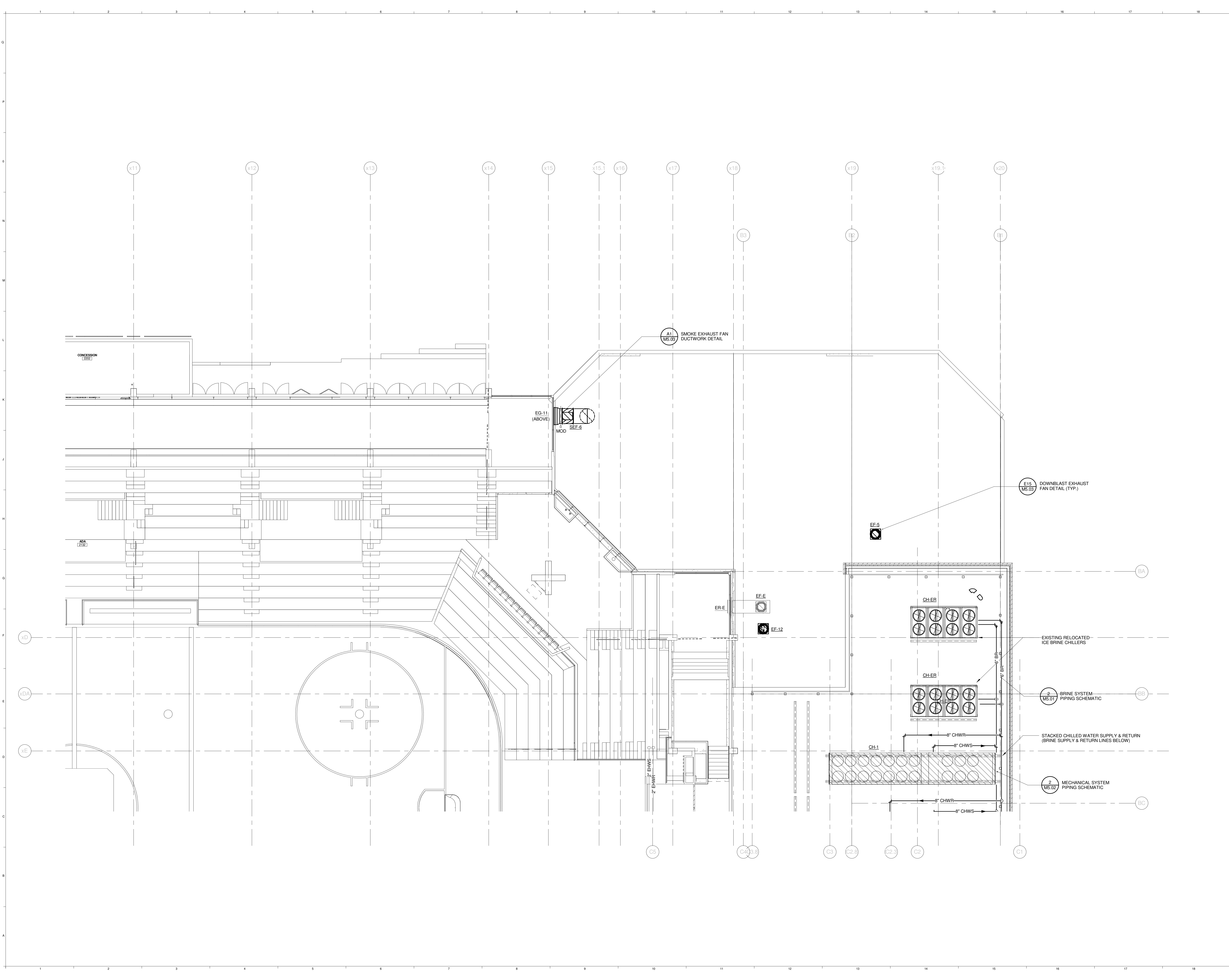
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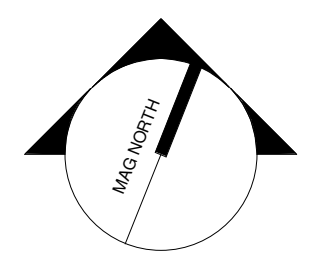
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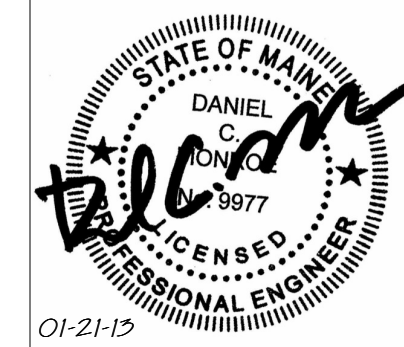


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
CONCOURSE LEVEL MECHANICAL PLAN - QUAD B

SHEET TITLE	3757.00	GRAPHIC SCALE	1"
WBRC CAD FILE	375700 - 0000 Mechanical.dwg	SCALE	1/8" = 1'-0"
PROJECT No.	3757.00	PROJECT MANAGER	JRB
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CHECKED BY	DMON	SHEET No.	M2.22B

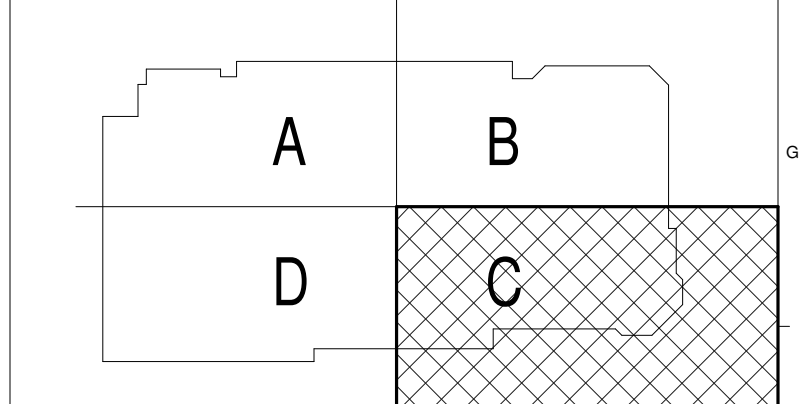
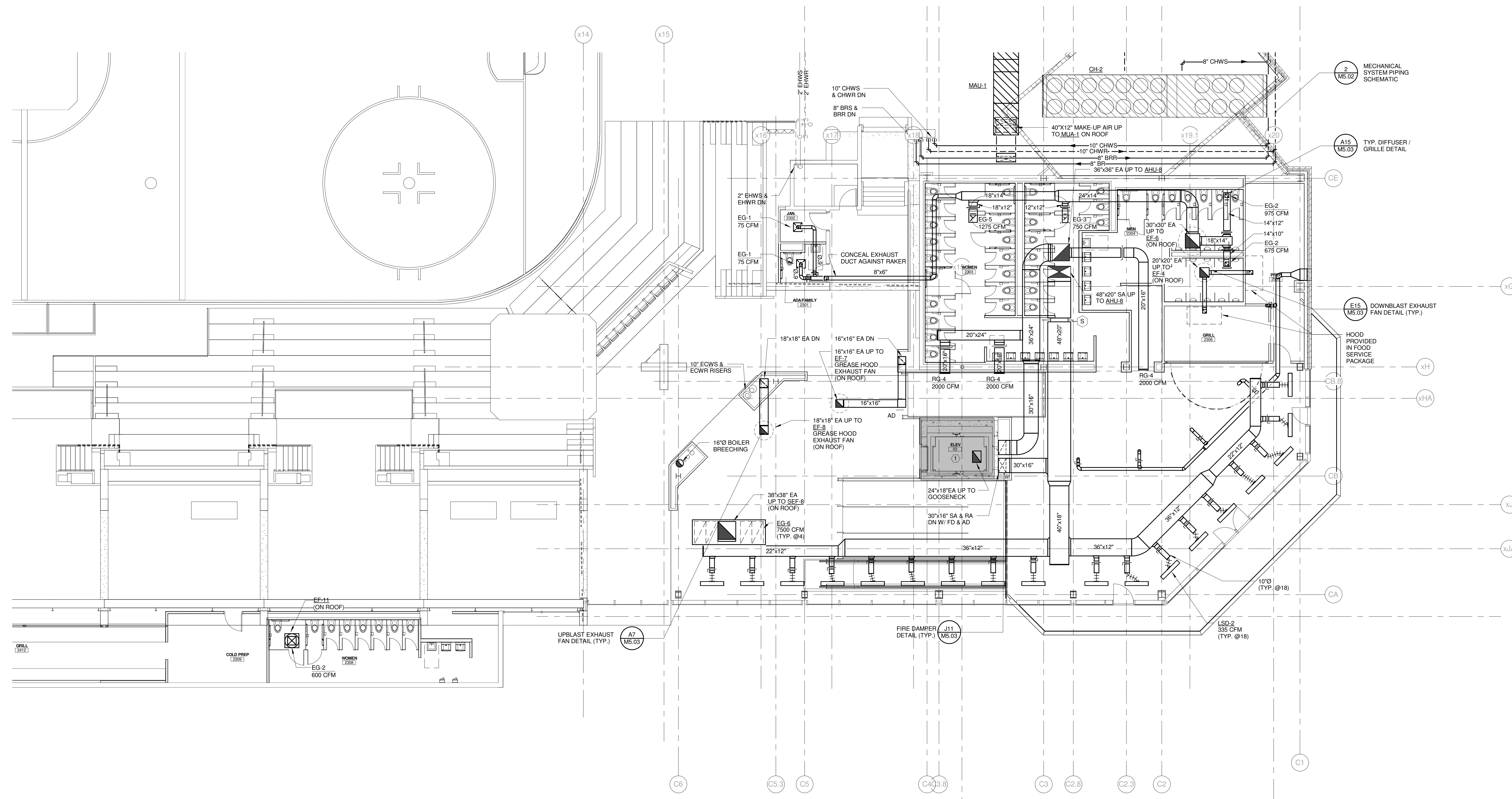
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME

**CONCOURSE LEVEL
MECHANICAL PLAN - QUAD C**

SHEET TITLE

WBRC CAD FILE: 375700 - CCCC Mechanical.dwg

PROJECT No. **3757.00** GRAPHIC SCALE: 1" = 1'-0"

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

PROJECT MANAGER: JRB
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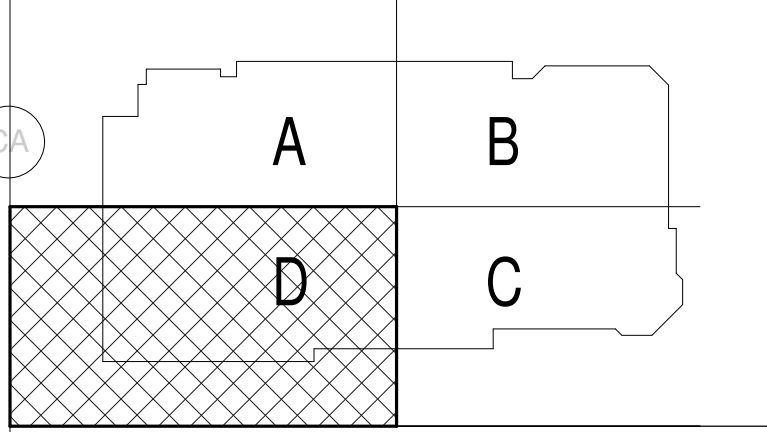
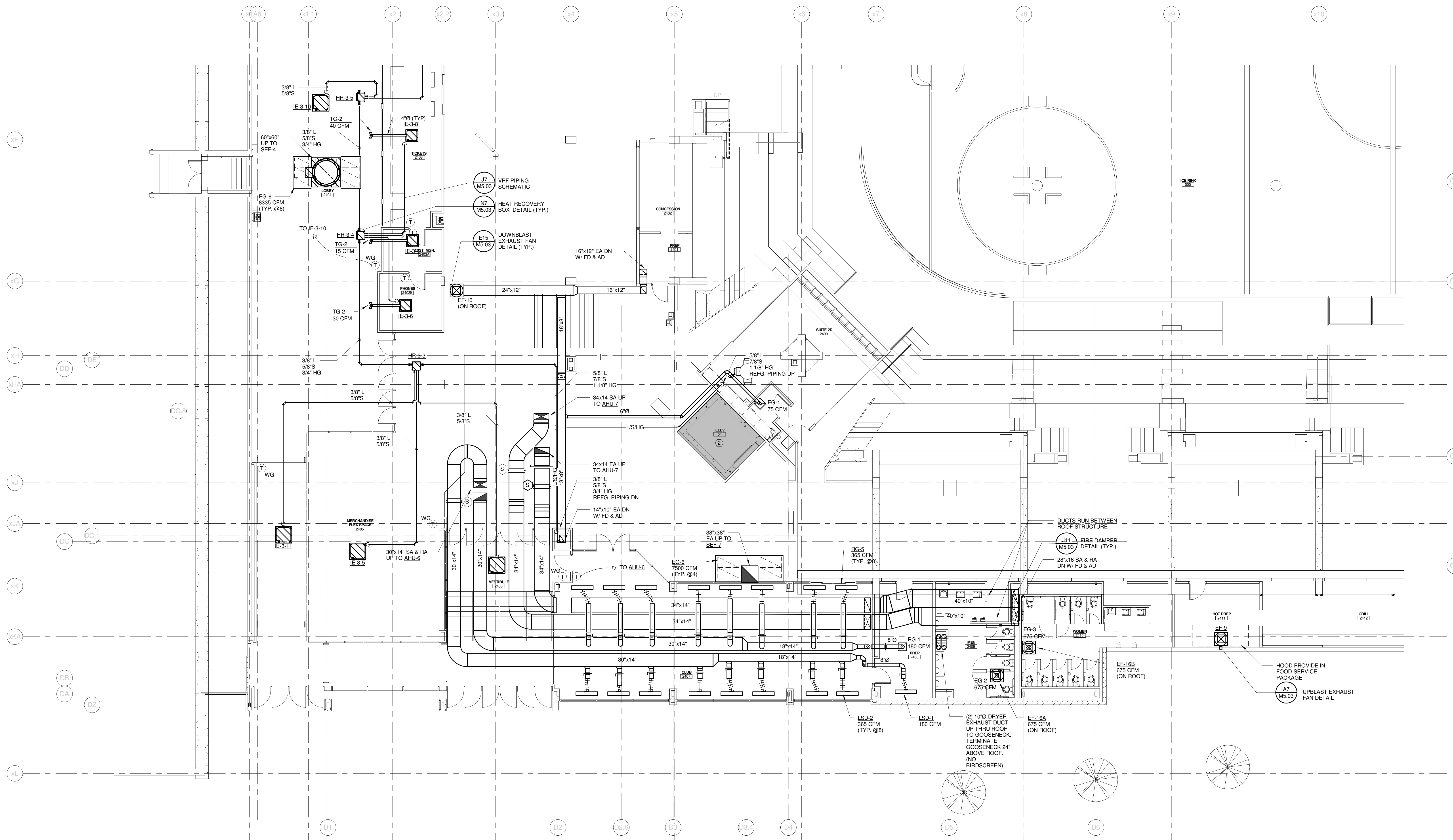
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GENERAL NOTES:

- 1. ALL VRF REFRIGERANT PIPING BRANCHES BETWEEN HEAT RECOVERY BOX & EVAPORATOR SHALL BE 1/4" LIQUID & 1/2" SUCTION UNLESS NOTED OTHERWISE

TECHNICAL NOTES:

- ① SPACE RESERVED FOR ELECTRICAL - NO PIPING OR DUCTWORK PERMITTED
- ② ELEVATOR - NO PIPING OR DUCTWORK PERMITTED



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CONSTRUCTION DOCUMENTS
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME

**CONCOURSE LEVEL
MECHANICAL PLAN - QUAD D**

SHEET TITLE: WBRC CAD FILE: 375700 - CCCC Mechanical - m2qrw.rvt

PROJECT No: **3757.00** GRAPHIC SCALE: 1" = 1'-0"

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

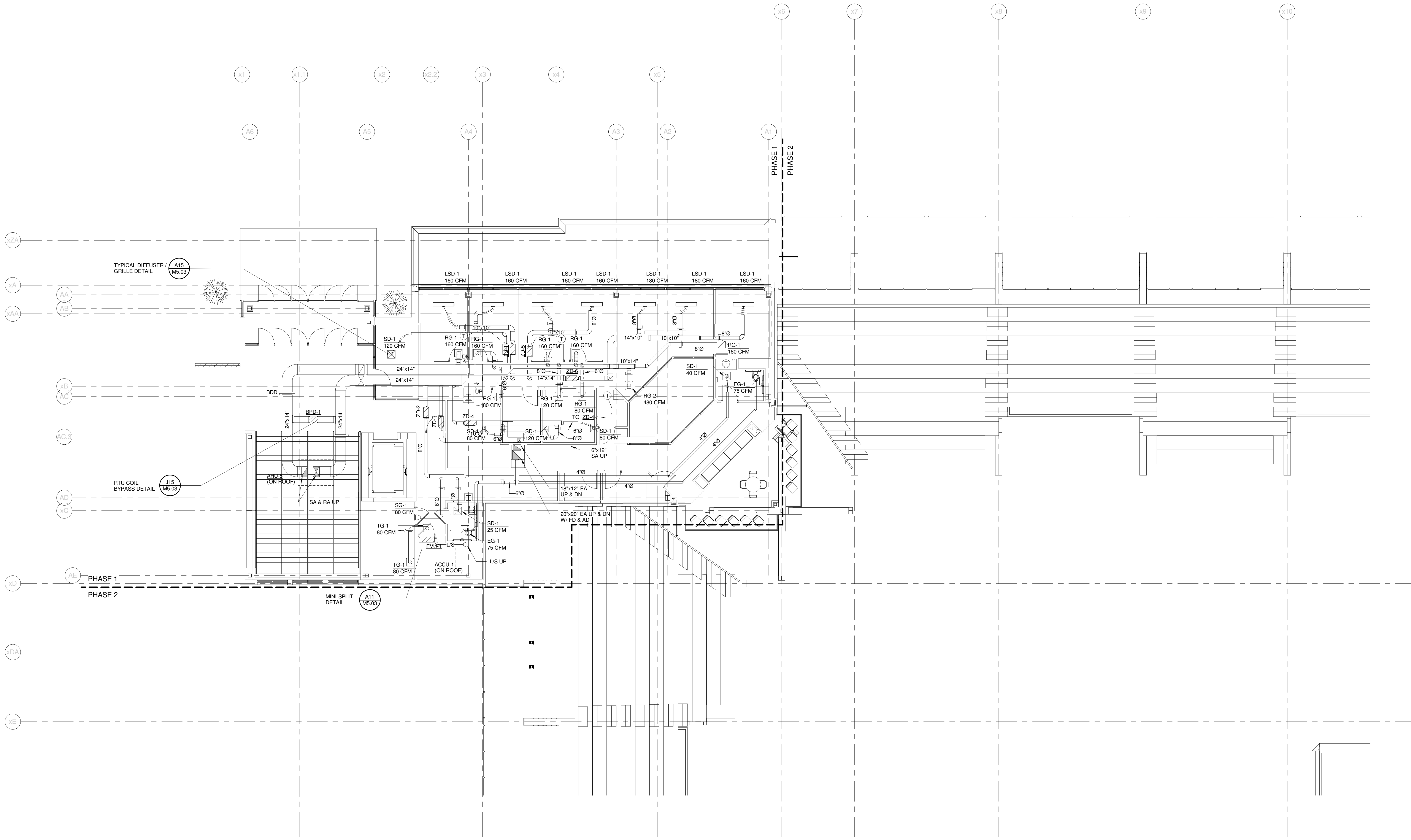
PROJECT MANAGER: JRB SHEET No: **M2.24B**

DRAWN BY: CGB

CHECKED BY: DMON

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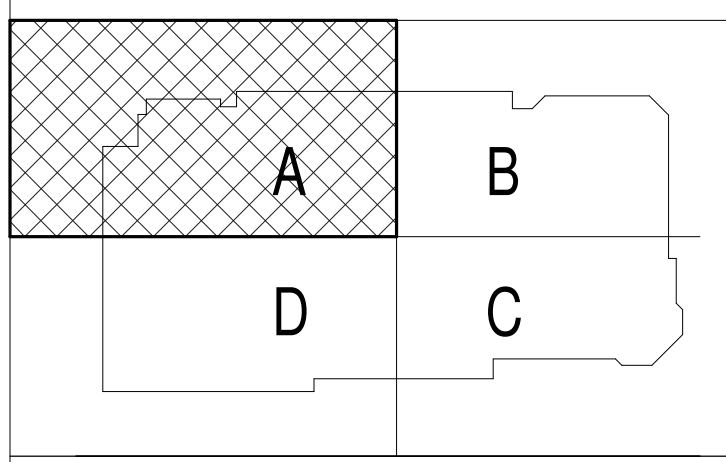
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TYPICAL DIFFUSER /
GRILLE DETAIL
A15
MS.03

RTU COIL
BYPASS DETAIL
J15
MS.03

MINI-SPLIT
DETAIL
A11
MS.03



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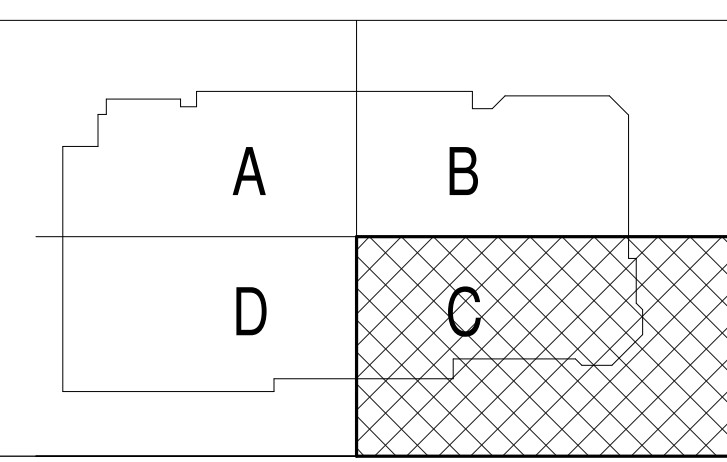
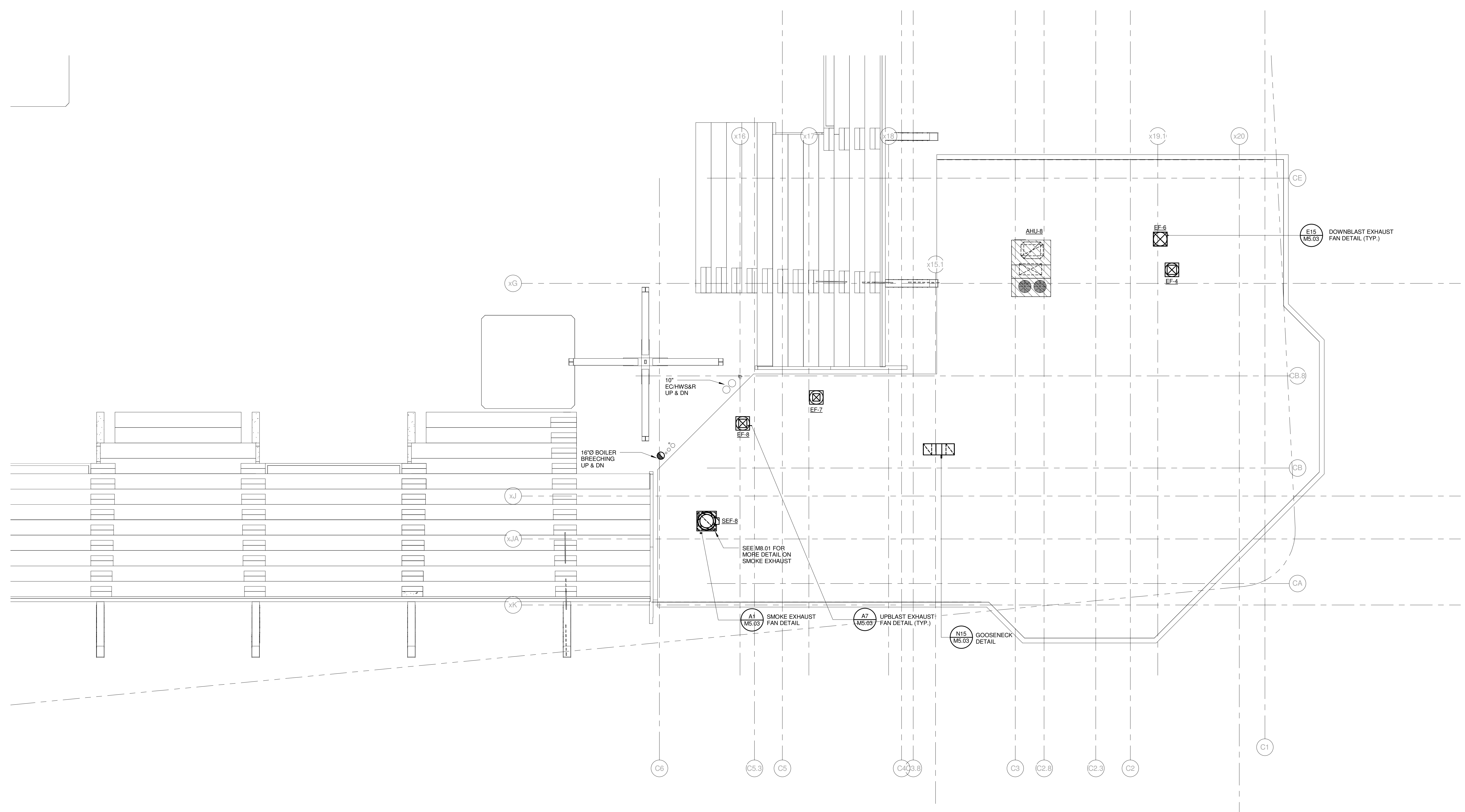
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PROJECT:	PORTLAND, ME
MIDSUITES LEVEL MECHANICAL PLAN - QUAD A	
SHEET TITLE:	
WBRC CAD FILE:	375700 - 0000 Mechanical.rvt
PROJECT No.:	3757.00
SCALE:	1/8" = 1'-0"
PROJECT MANAGER:	JRB
DRAWN BY:	COB
CHECKED BY:	DMON
SHEET No.:	M2.31B

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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PORTLAND, ME
MIDSUITES LEVEL
MECHANICAL PLAN - QUAD C

WBRC CAD FILE:	375700 - 0000 Mechanical.rvt
PROJECT No.	3757.00
SCALE:	1/8" = 1'-0"
PROJECT MANAGER:	JRB
DRAWN BY:	CGB
CHECKED BY:	DMON
SHEET No.	M2.33B

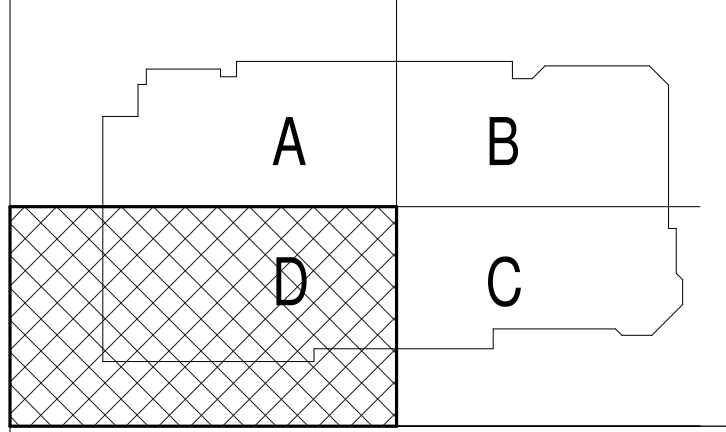
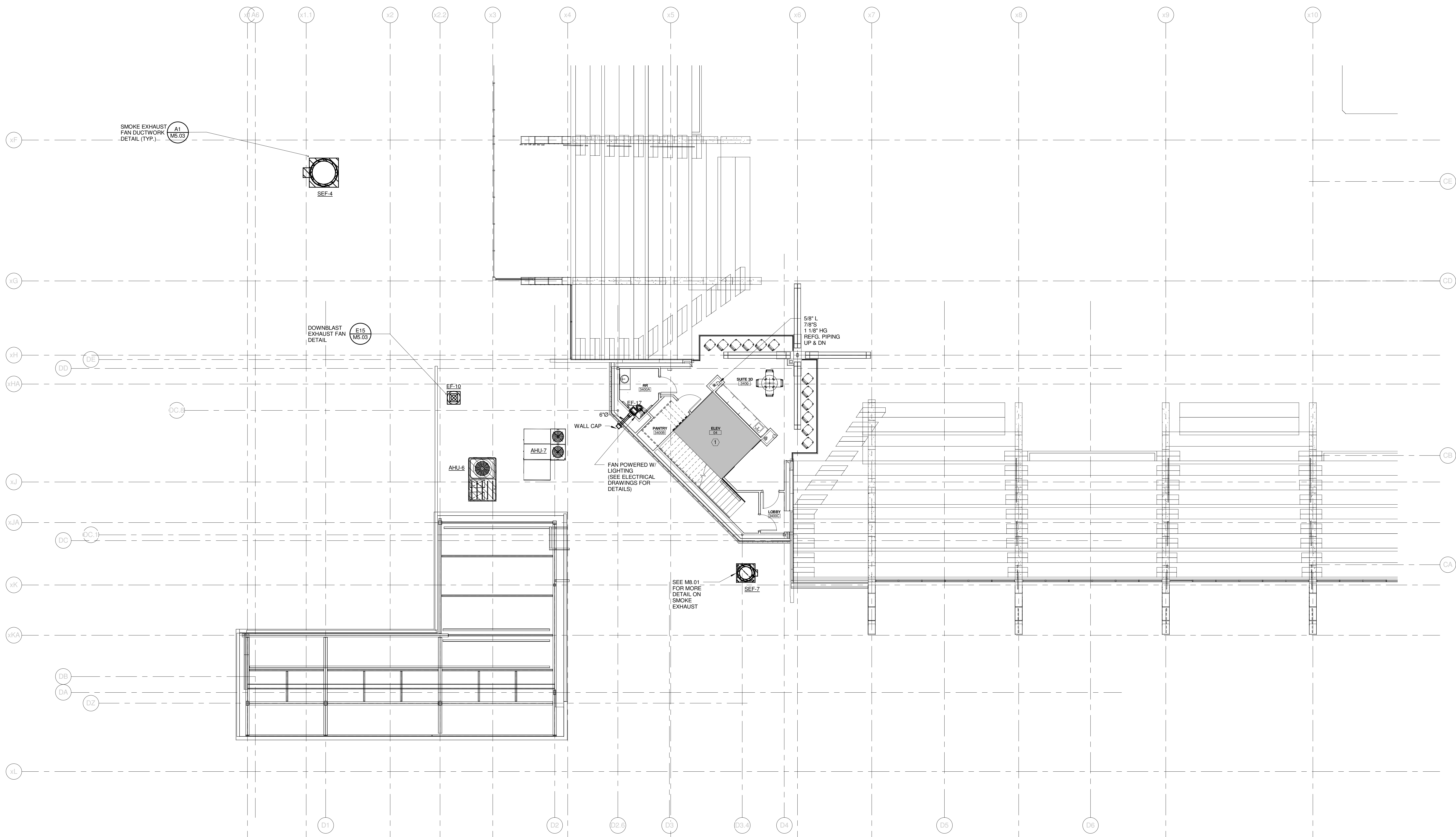
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TECHNICAL NOTES:

- ① SPACE RESERVED FOR ELECTRICAL - NO PIPING OR DUCTWORK PERMITTED
- ② ELEVATOR - NO PIPING OR DUCTWORK PERMITTED



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME

**MIDSUITES LEVEL
MECHANICAL PLAN - QUAD D**

SHEET TITLE

WBRC CAD FILE: 375700 - 0000 Mechanical.rvt

PROJECT No. **3757.00** GRAPHIC SCALE: 1" = 1'-0"

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

PROJECT MANAGER: JRB SHEET No. **M2.34B**

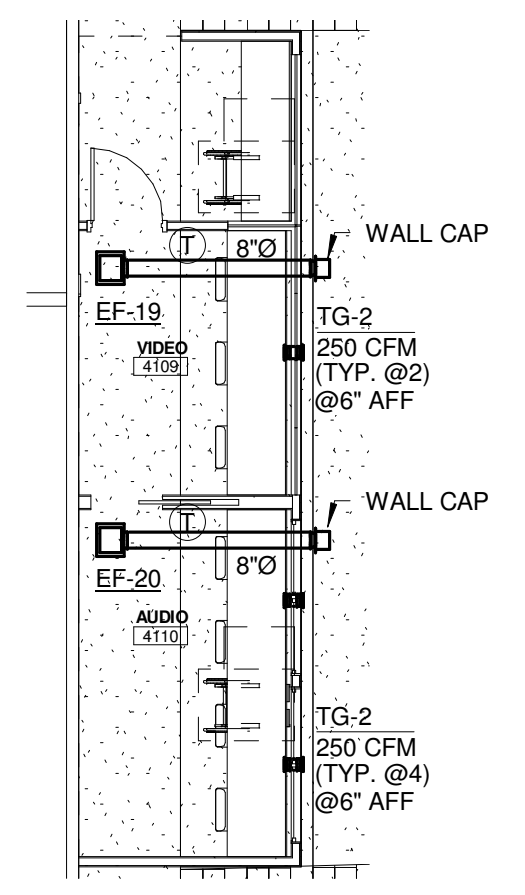
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CHECKED BY: DMON

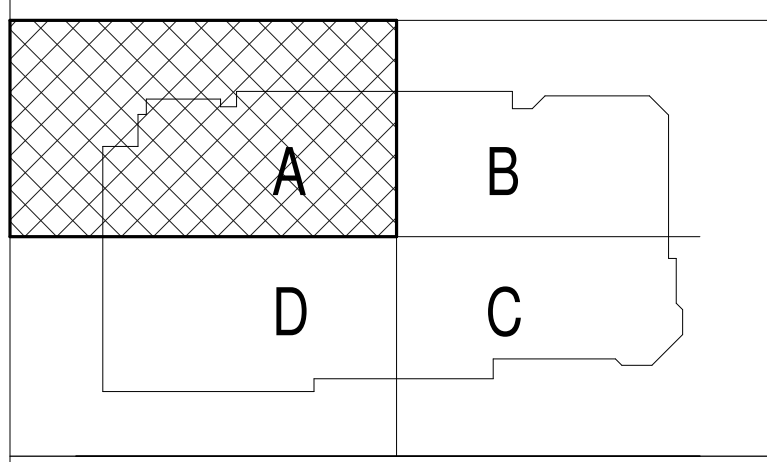
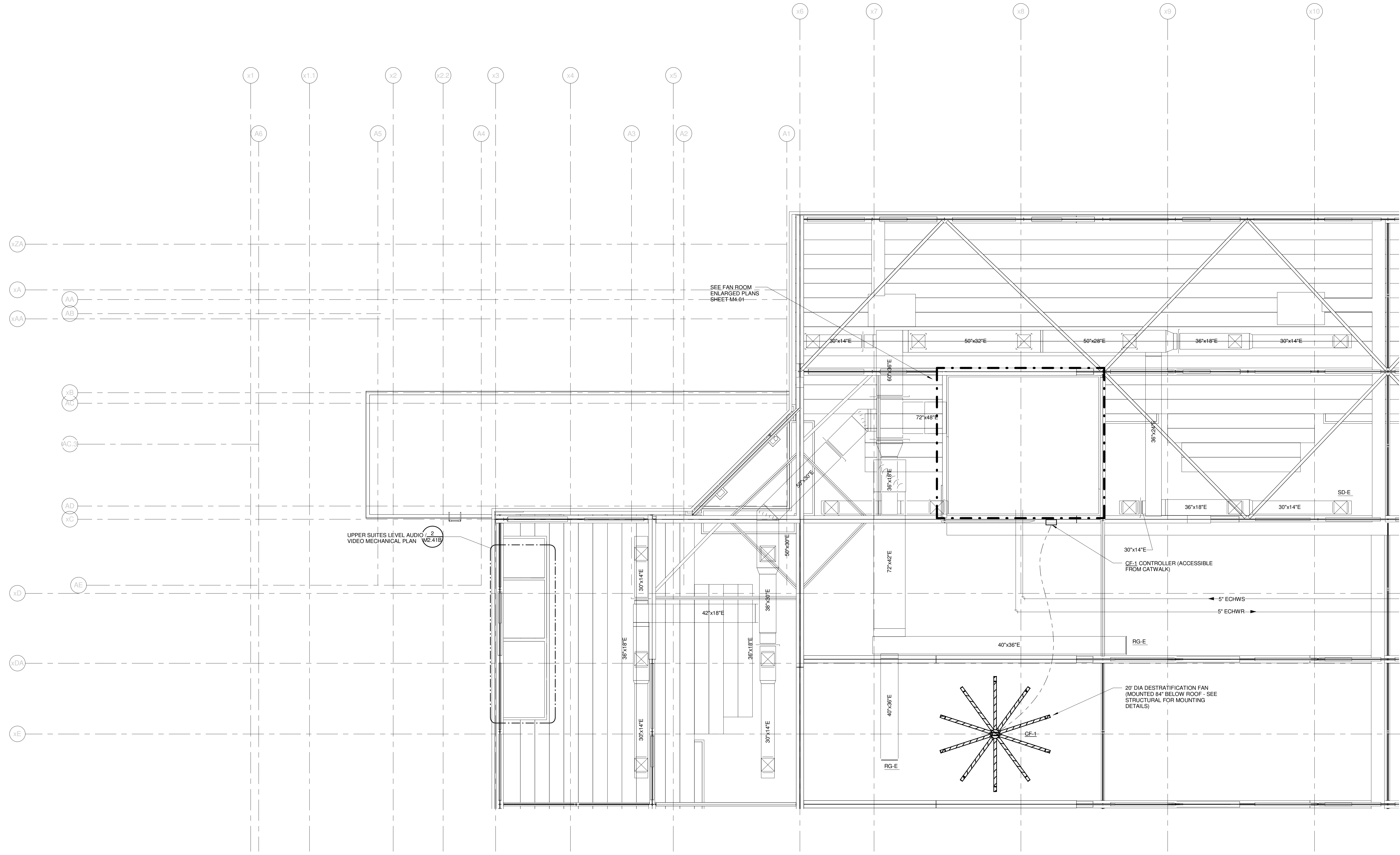
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2 UPPER SUITES LEVEL AUDIO / VIDEO MECHANICAL PLAN
 1/8" = 1'-0"



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
 PORTLAND, ME
FAN ROOM MECHANICAL PLAN - QUAD A

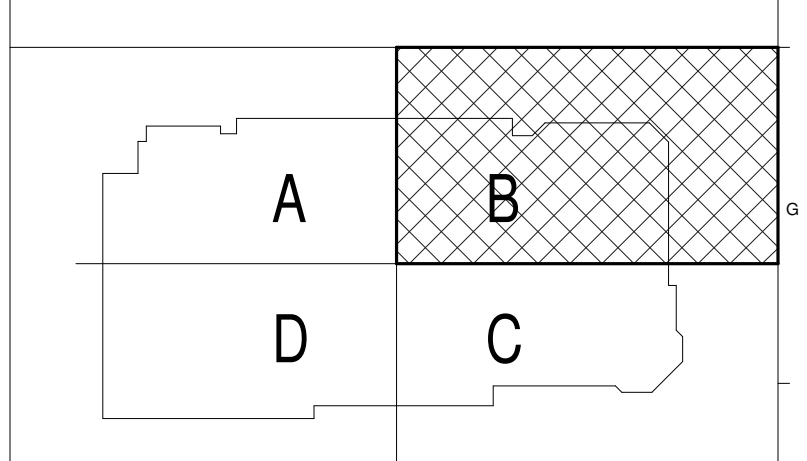
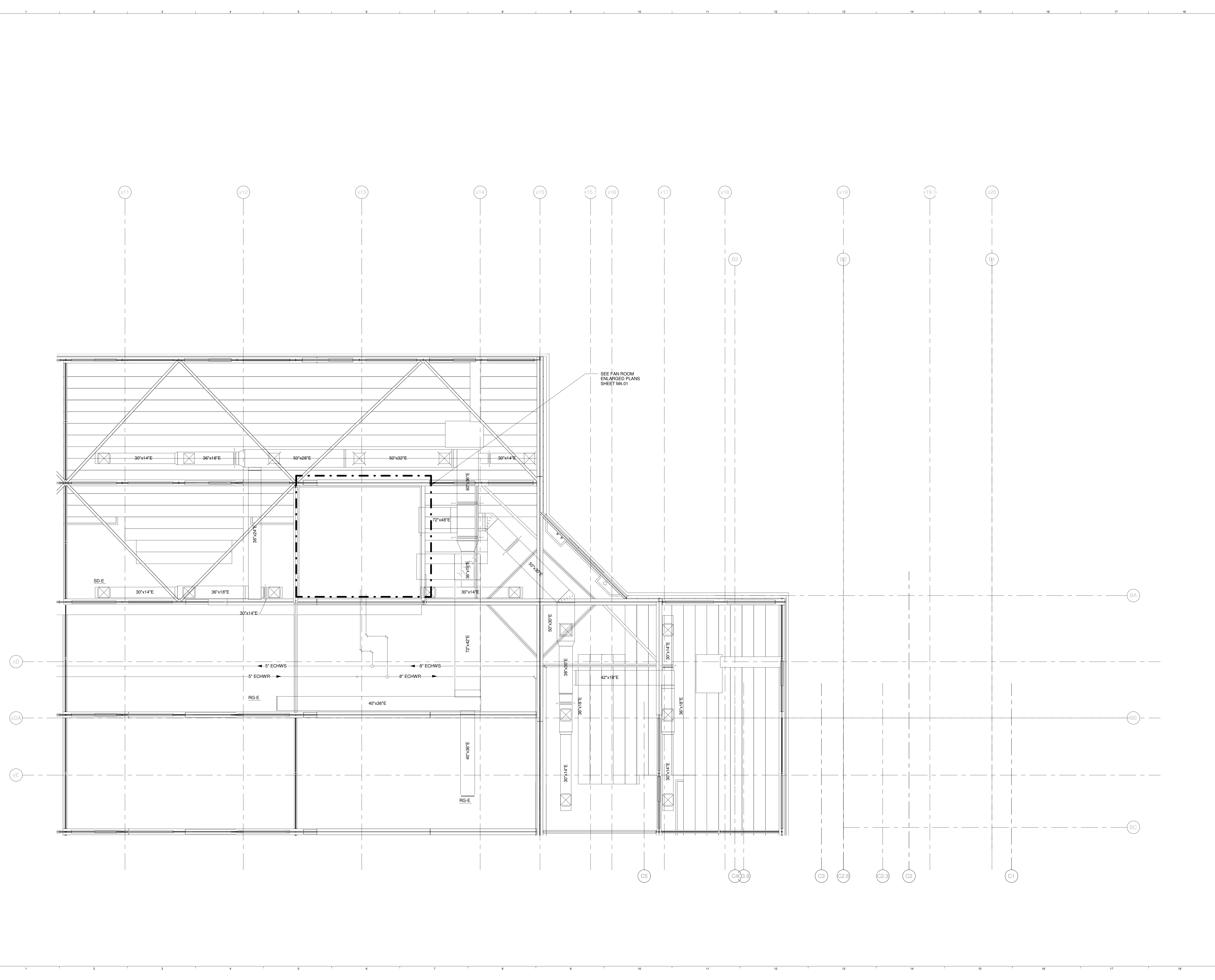
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PROJECT No.	3757.00	1"
SCALE	1/8" = 1'-0"	0'
PROJECT MANAGER	JRB	SHEET No.
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME

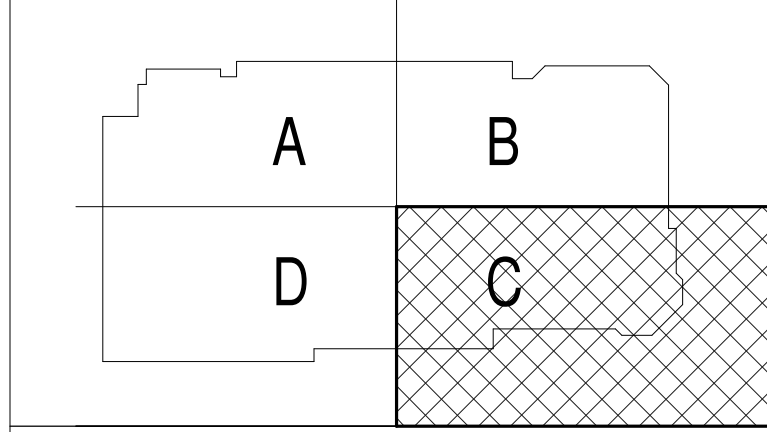
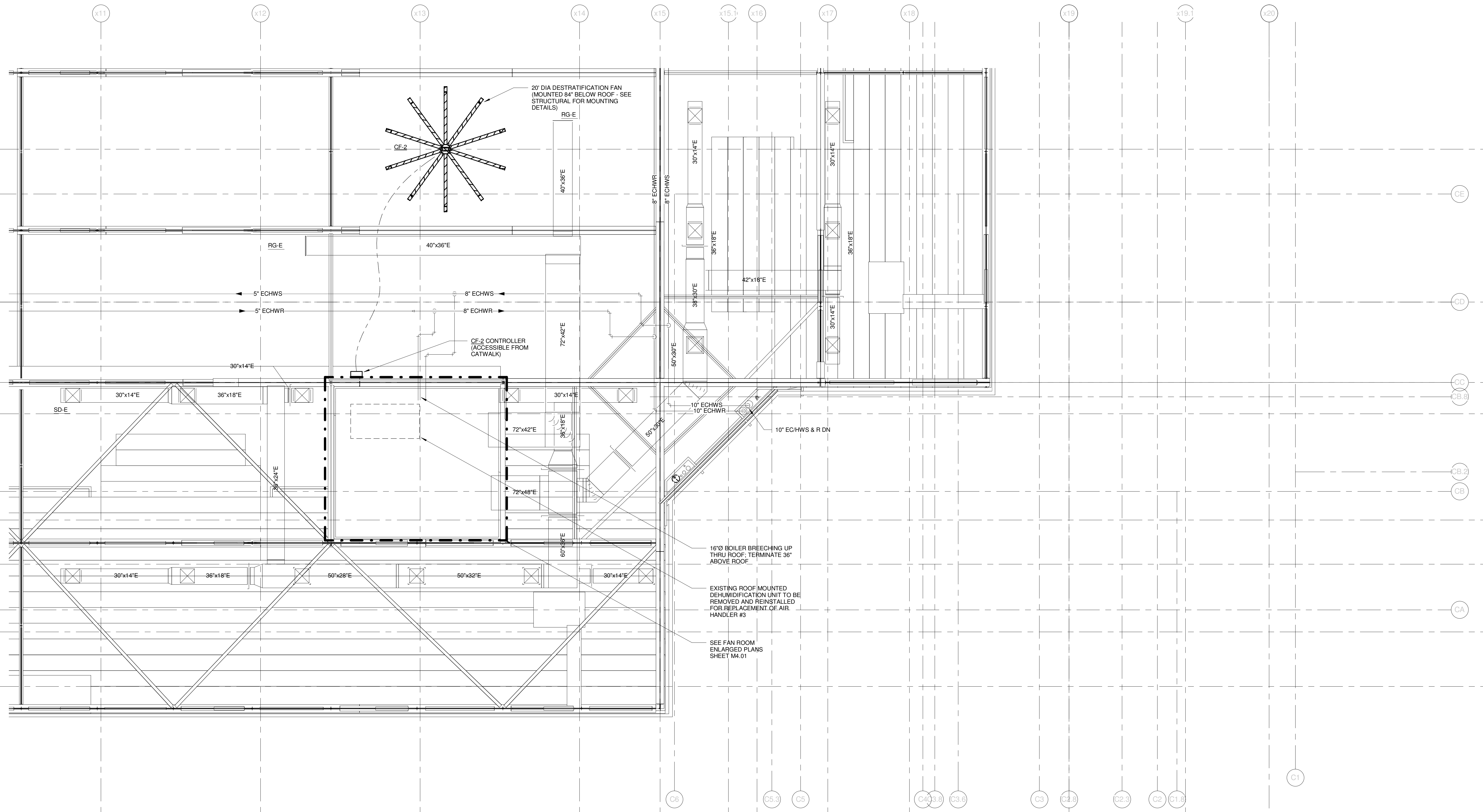
FAN ROOM MECHANICAL PLAN - QUAD B

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PROJECT MANAGER	JRB	SHEET No.
DRAWN BY	COB	M2.42B
CHECKED BY	DMON	

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PROJECT: CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PORTLAND, ME

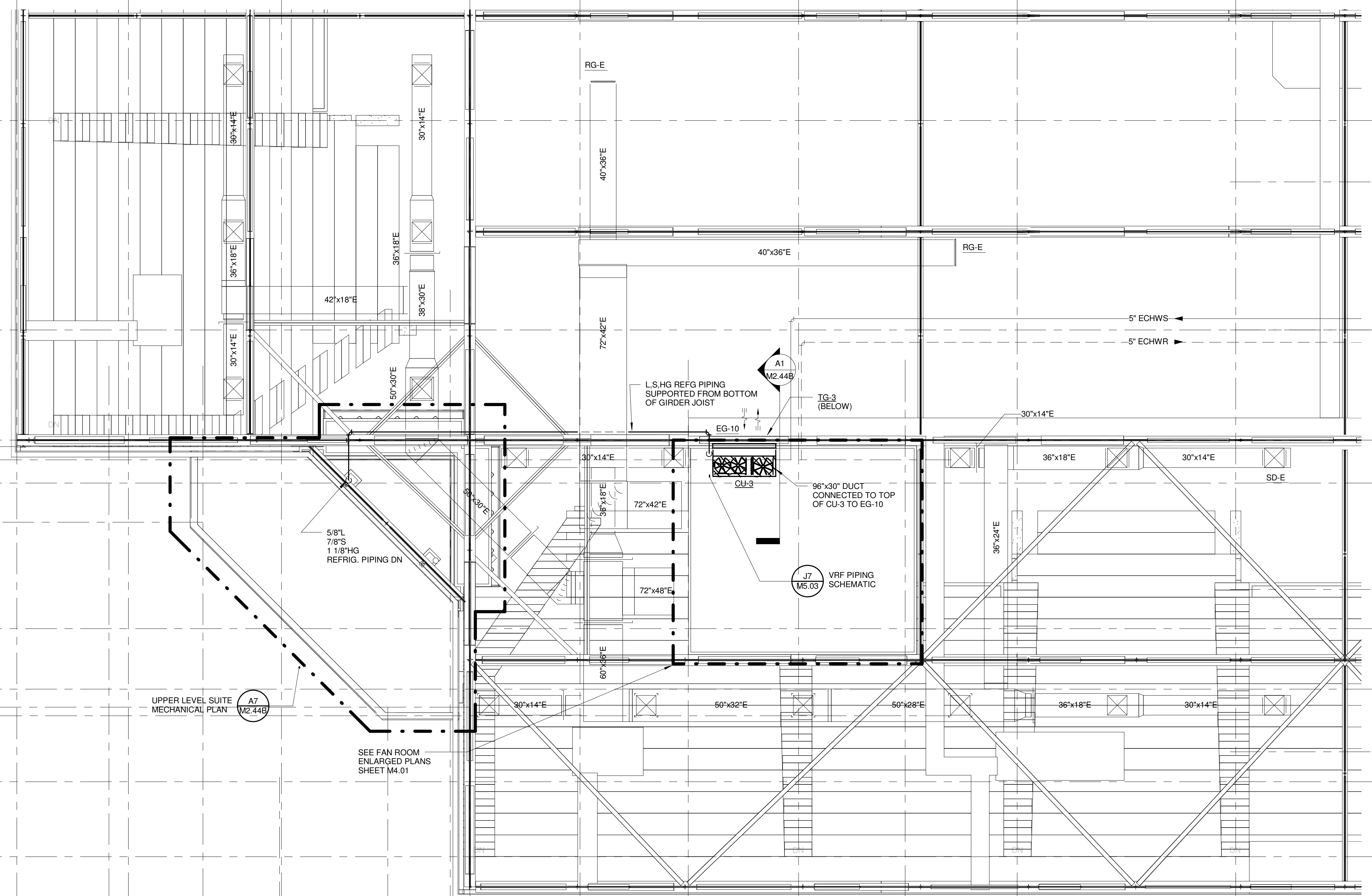
SHEET TITLE: FAN ROOM MECHANICAL PLAN - QUAD C

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PROJECT No. 3757.00	SCALE: 1/8" = 1'-0"
PROJECT MANAGER: JRB	SHEET No. M2.43B
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CHECKED BY: DMON	

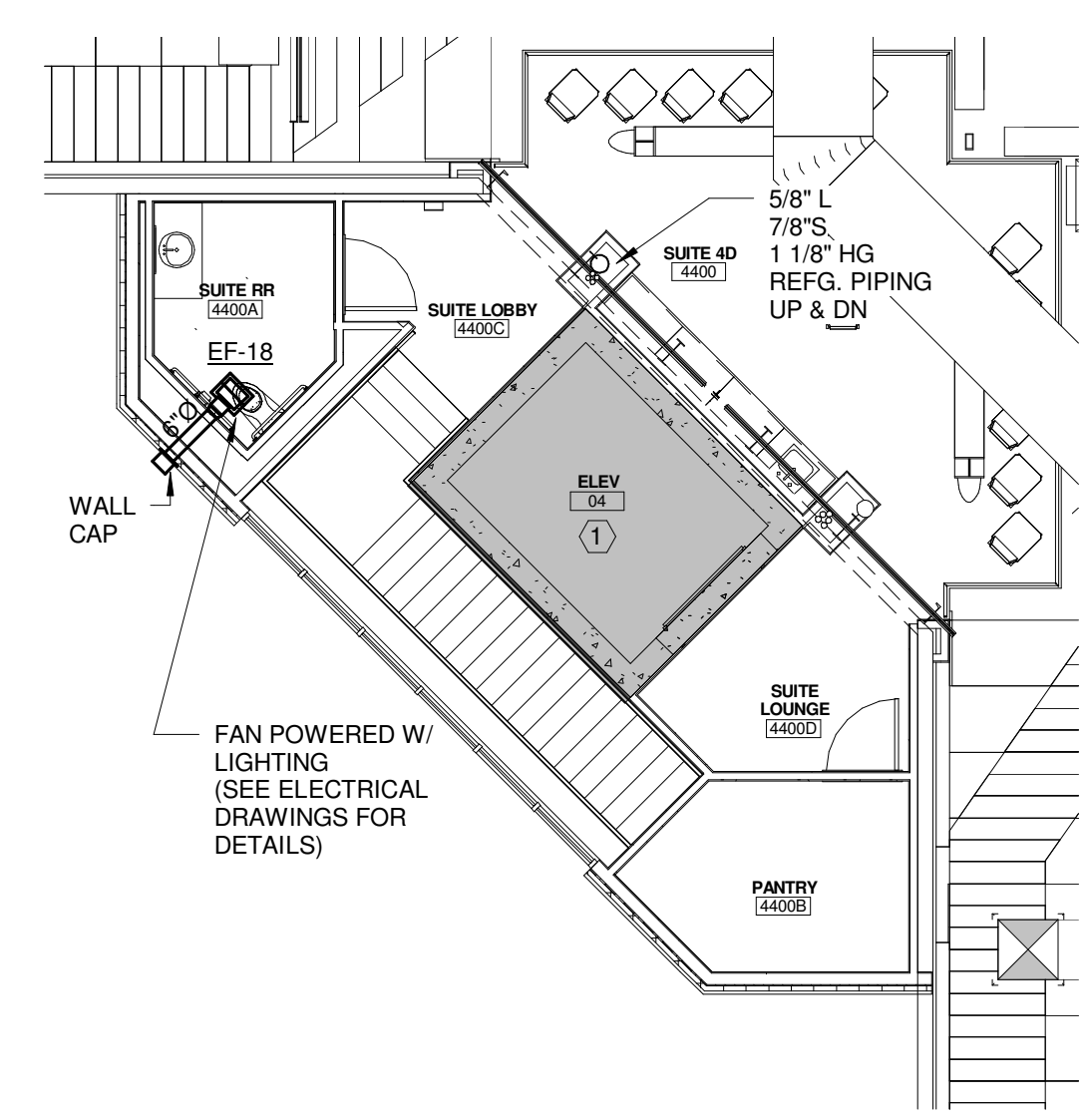
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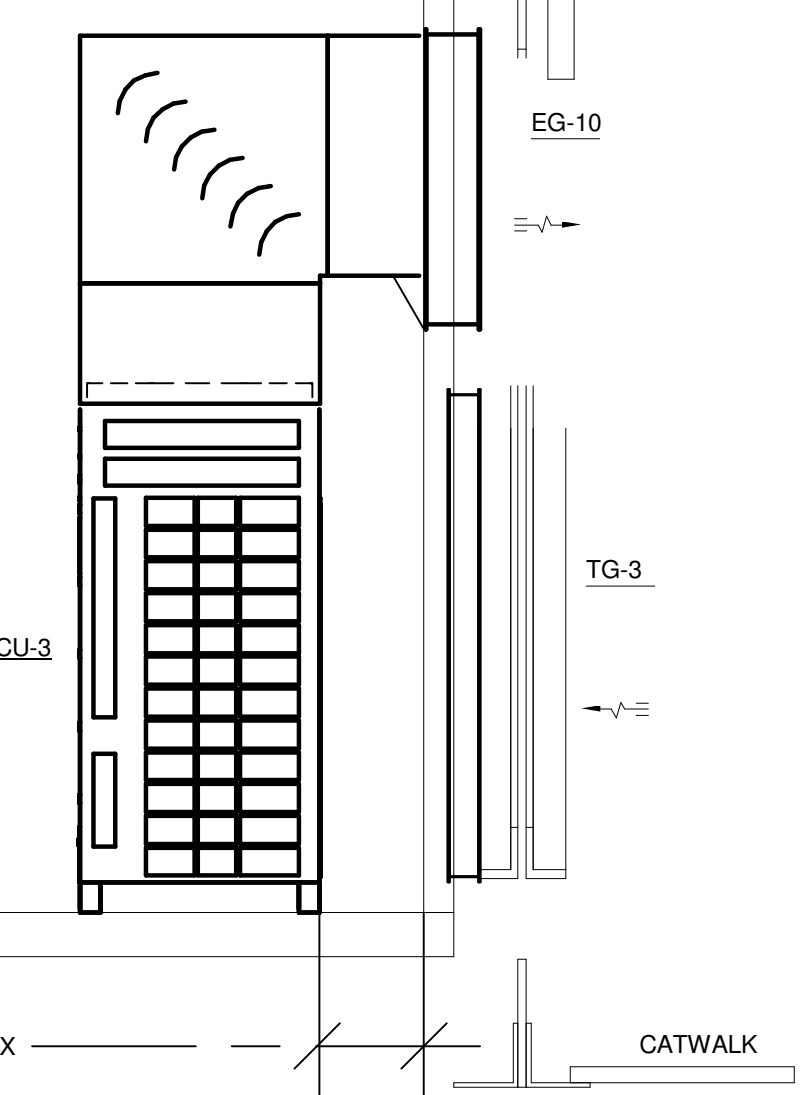
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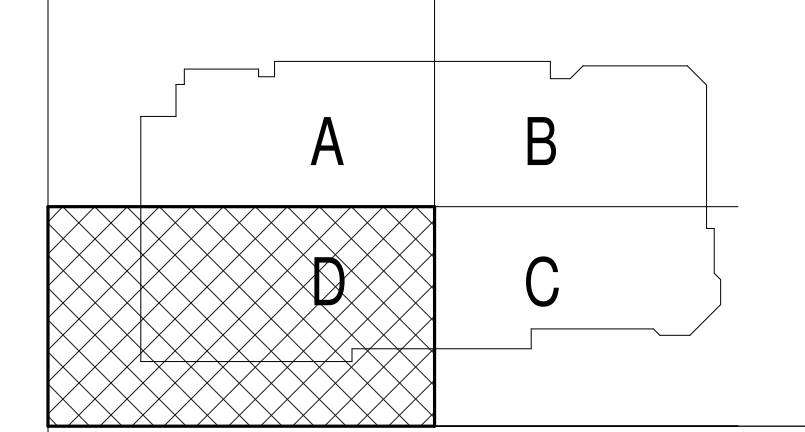
F7 FAN ROOM MECHANICAL PLAN QUAD D
 1/8" = 1'-0"



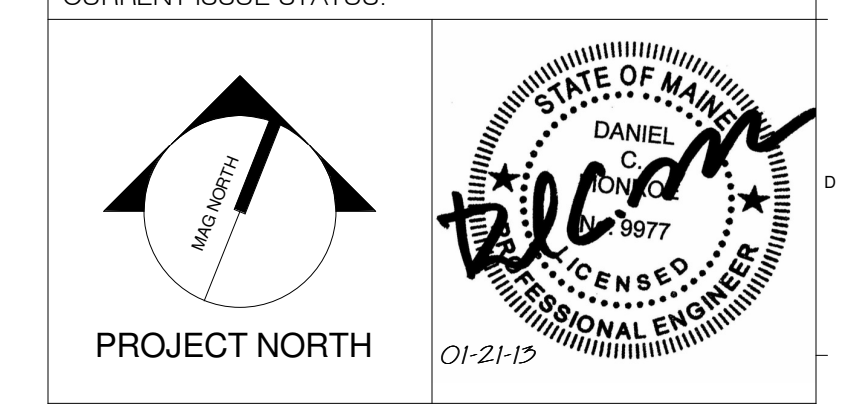
A7 UPPER SUITE LEVEL MECHANICAL PLAN
 1/8" = 1'-0"



A1 CU-3 ELEVATION
 1/2" = 1'-0"



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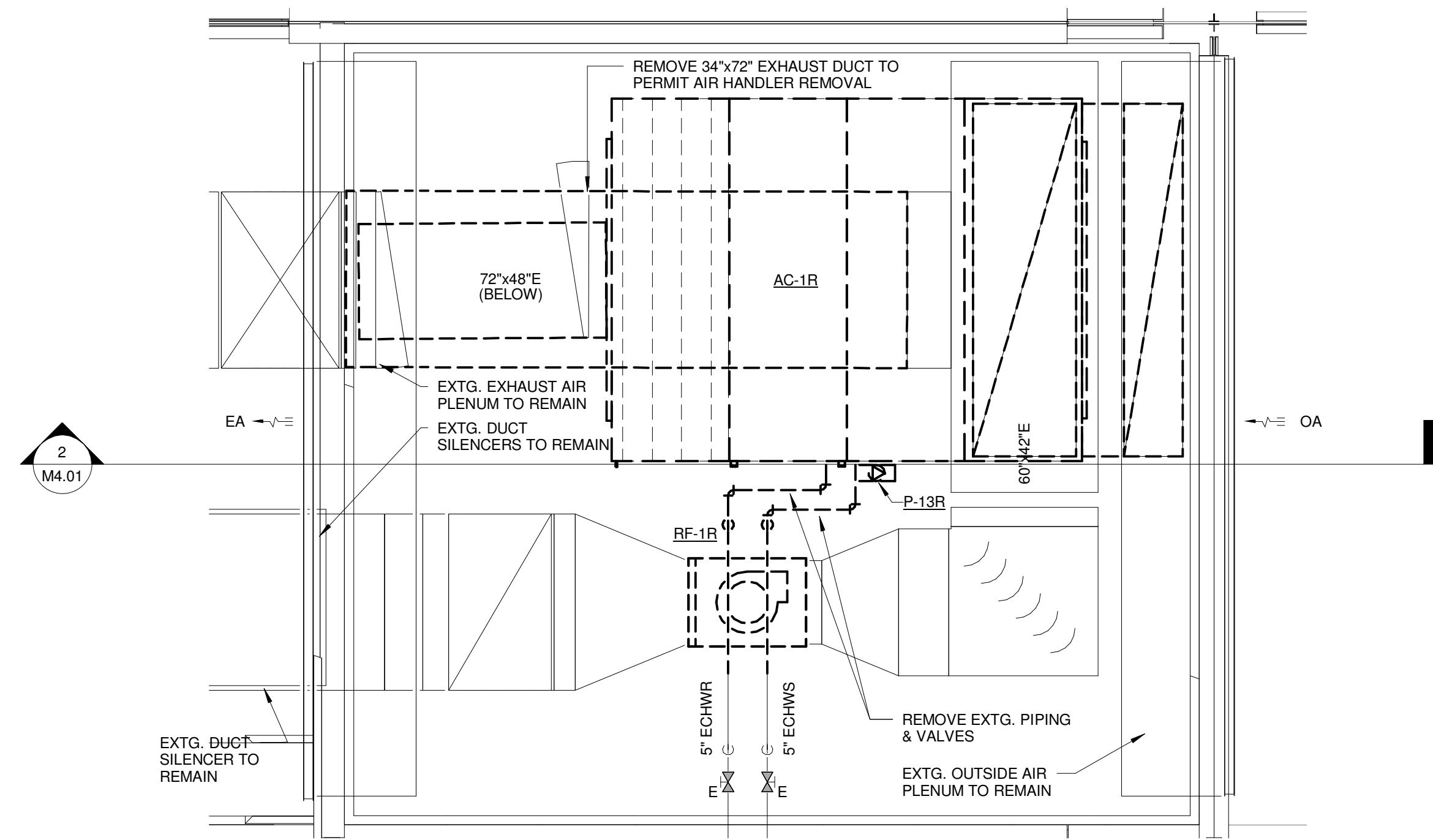


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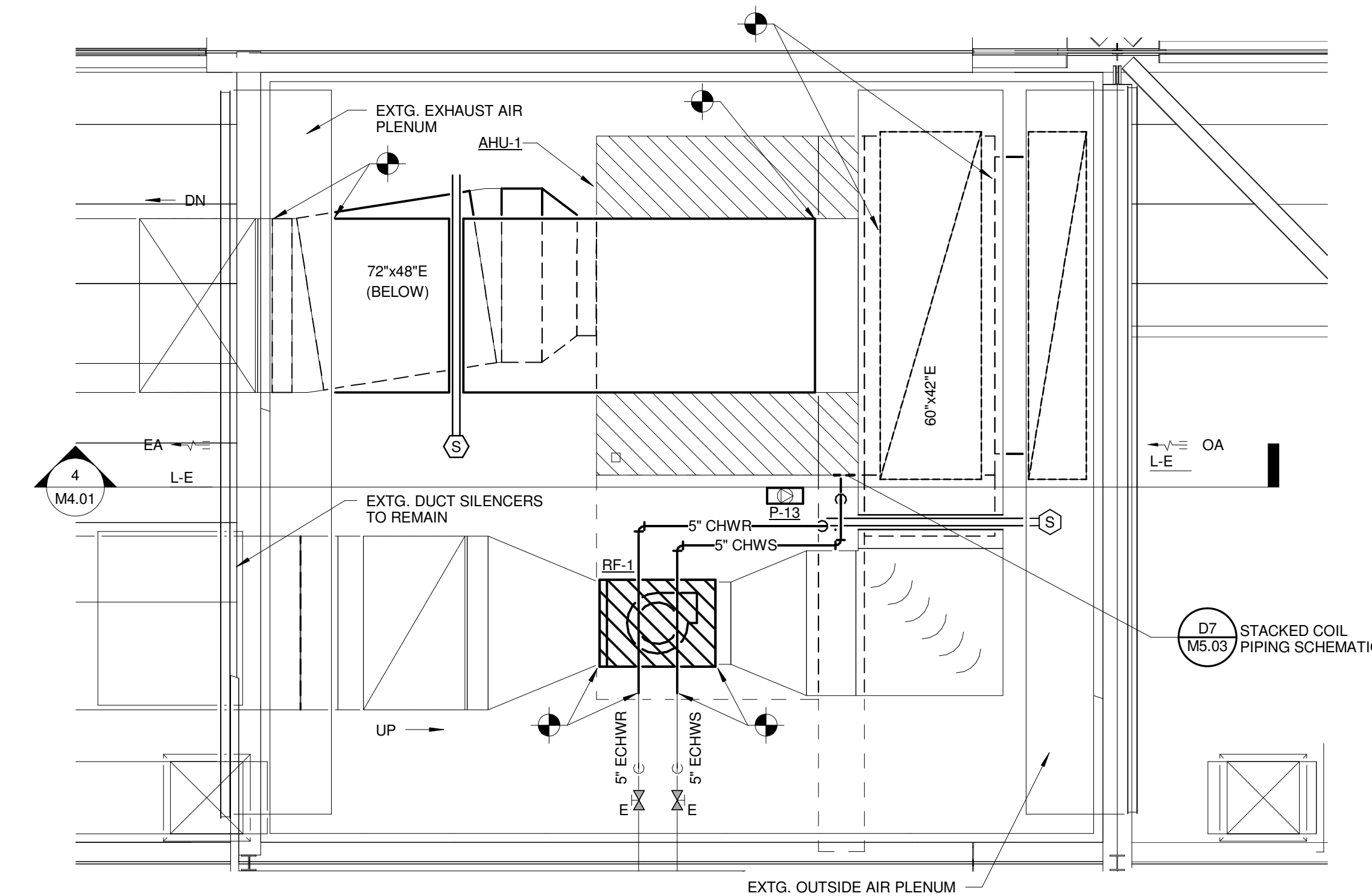
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
 PROJECT: PORTLAND, ME
FAN ROOM MECHANICAL PLAN - QUAD D

WBRC CAD FILE: 375700 - 0002 Mechanical.rvt	GRAPHIC SCALE: 1" = 1'
PROJECT No. 3757.00	SCALE: As indicated
PROJECT MANAGER: JRB	SHEET No. M2.44B
DRAWN BY: CGB	CHECKED BY: DMON

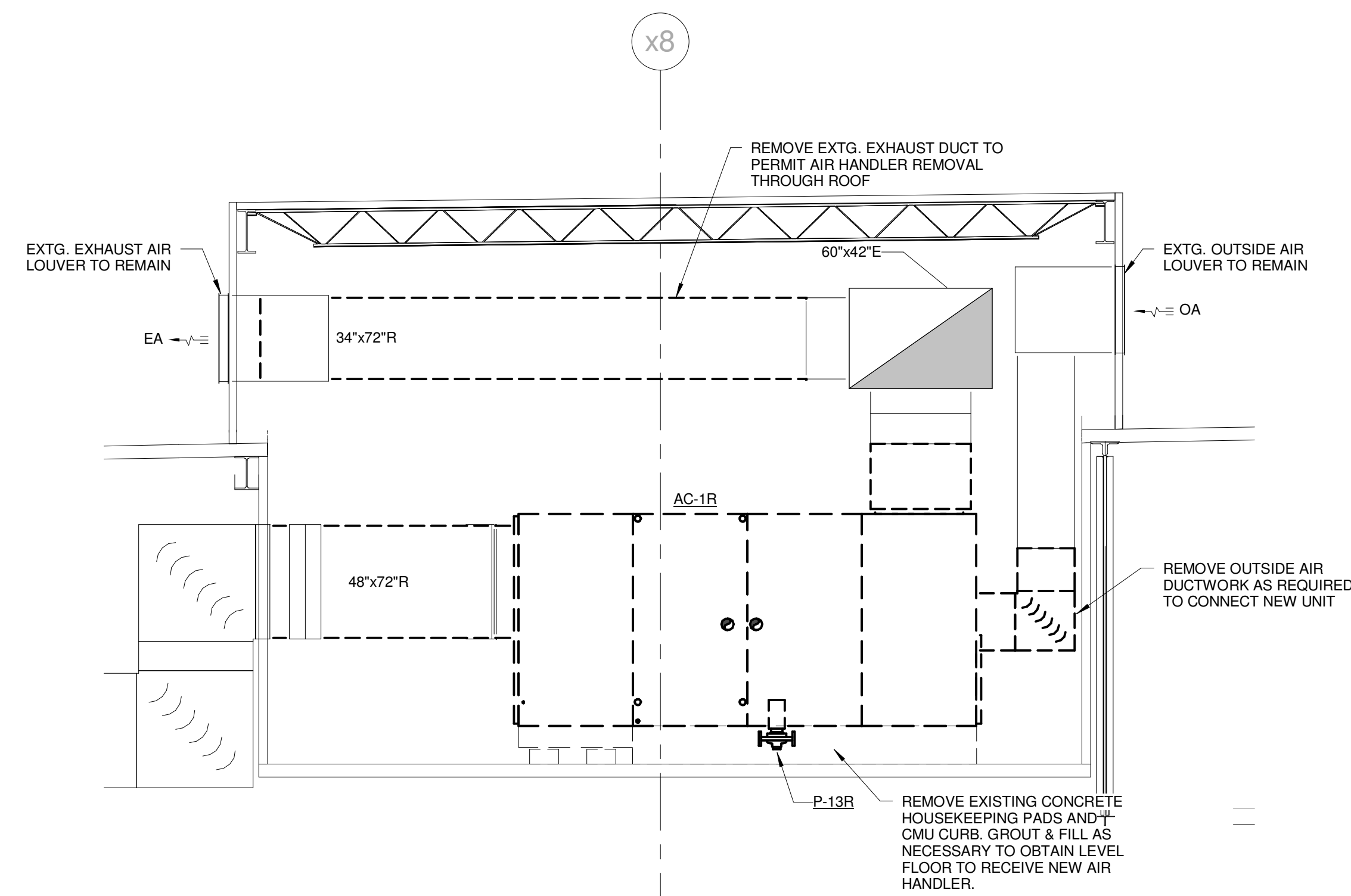
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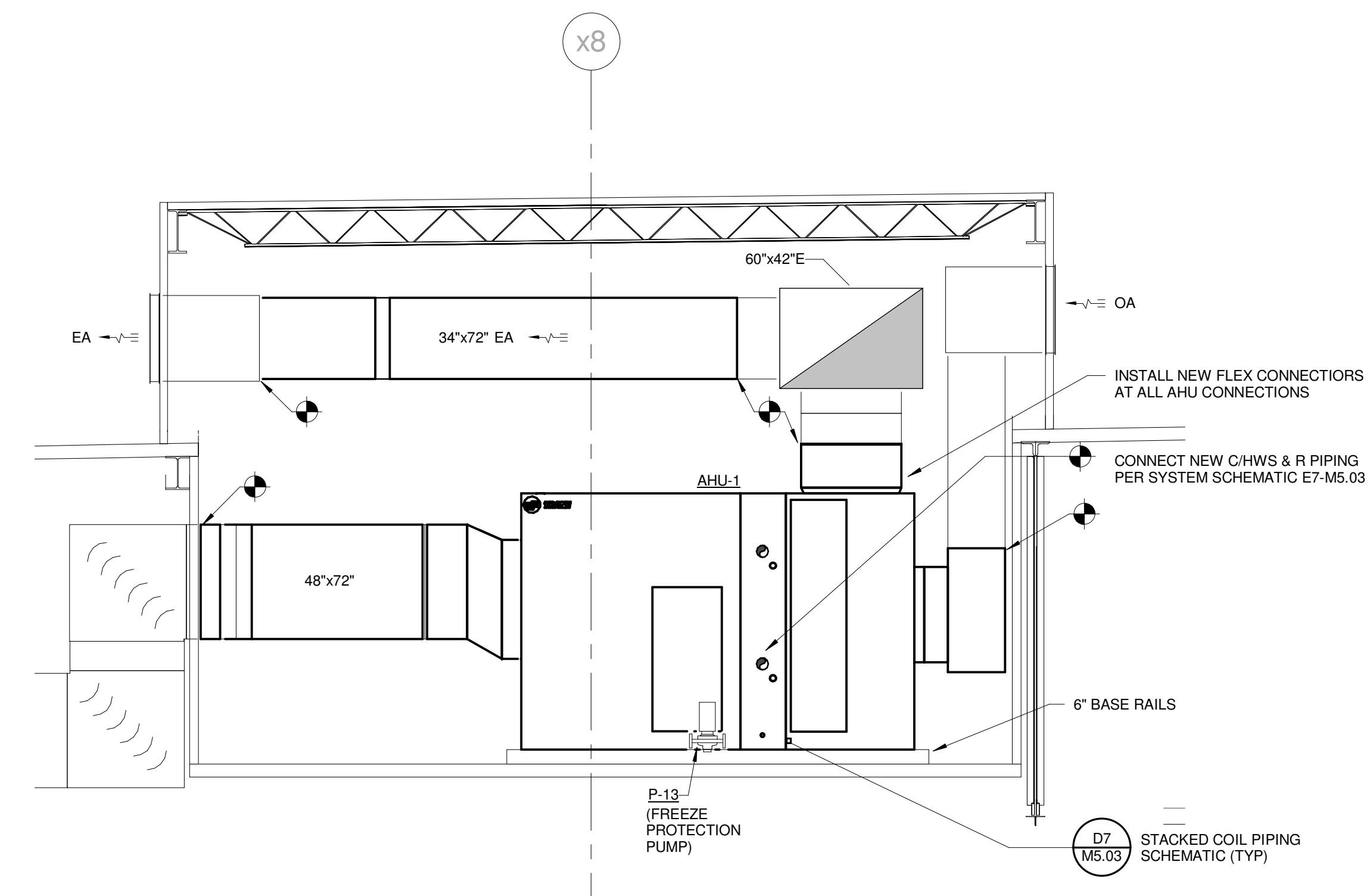
QUAD 'A' FAN ROOM ENLARGED DEMO PLAN
(QUADS 'B', 'C', & 'D' SIM.)
1/4" = 1'-0"



QUAD 'A' FAN ROOM ENLARGED PLAN
(QUADS 'B', 'C', & 'D' SIM.)
1/4" = 1'-0"



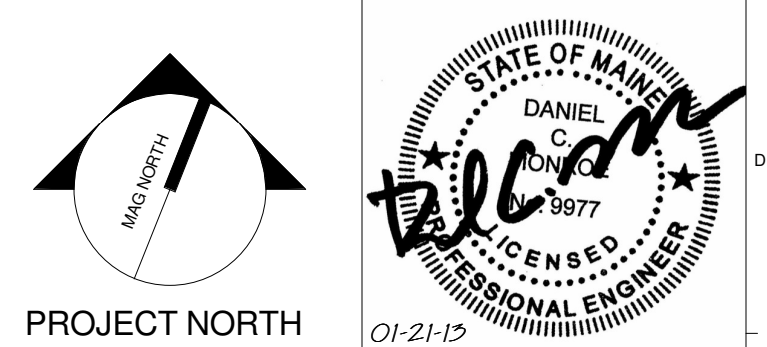
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(QUADS 'B', 'C', & 'D' SIM.)
1/4" = 1'-0"



QUAD 'A' FAN ROOM SECTION
(QUADS 'B', 'C', & 'D' SIM.)
1/4" = 1'-0"

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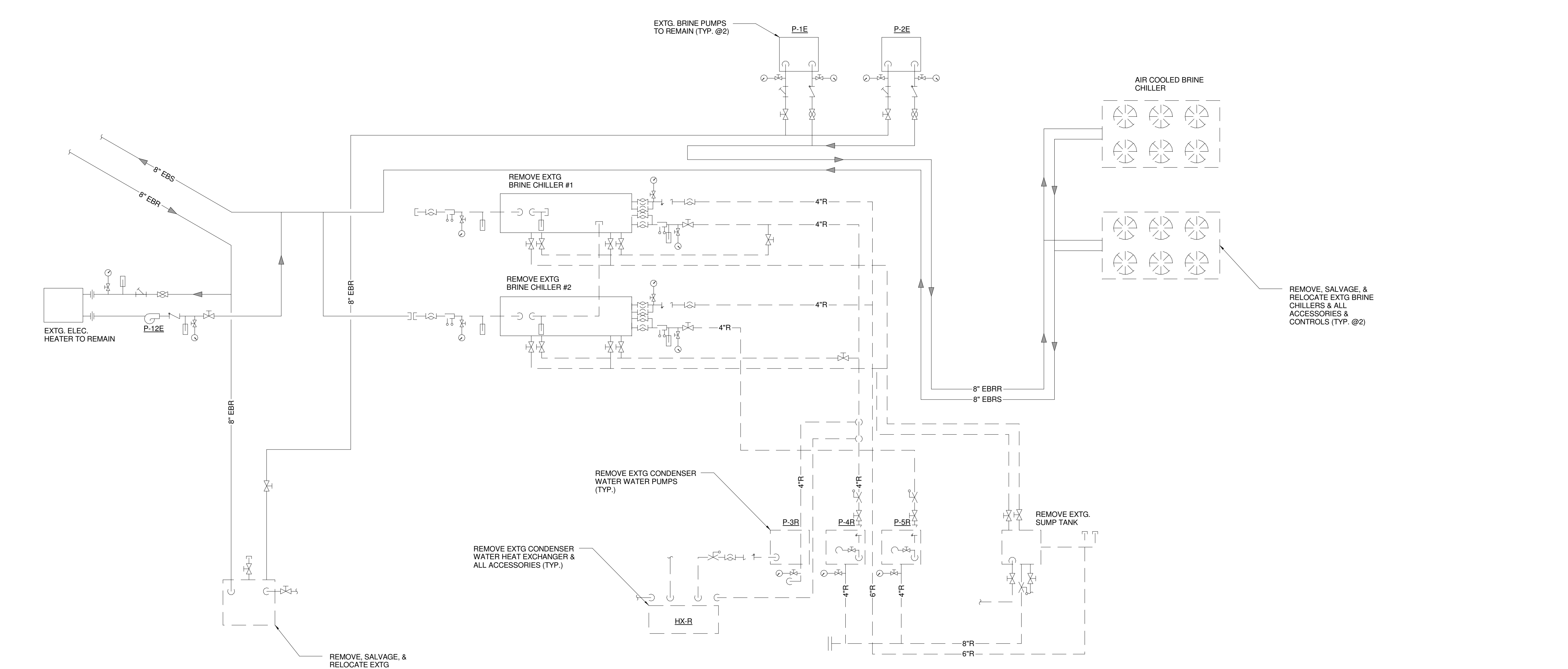


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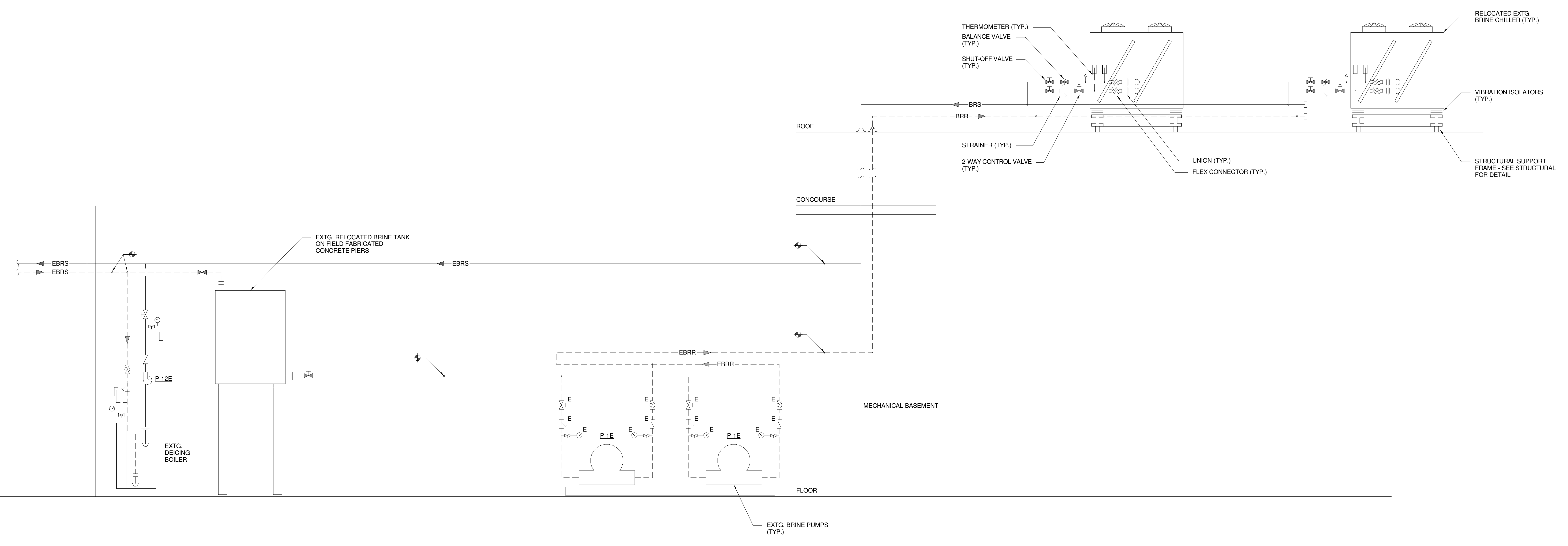
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PROJECT: PORTLAND, ME
MECHANICAL ENLARGED PLAN

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PROJECT No. 3757.00	1"
SCALE: 1/4" = 1'-0"	
PROJECT MANAGER: JRB	SHEET No. M4.01
DRAWN BY: COB	
CHECKED BY: DMON	



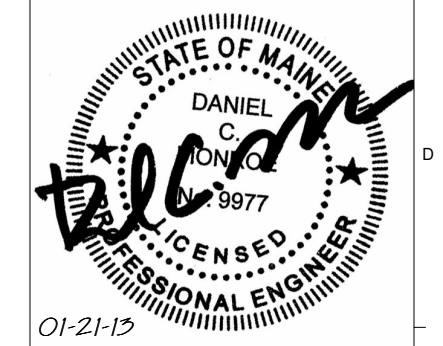
1 EXTG BRINE PIPING SCHEMATIC
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2 NEW BRINE PIPING SCHEMATIC
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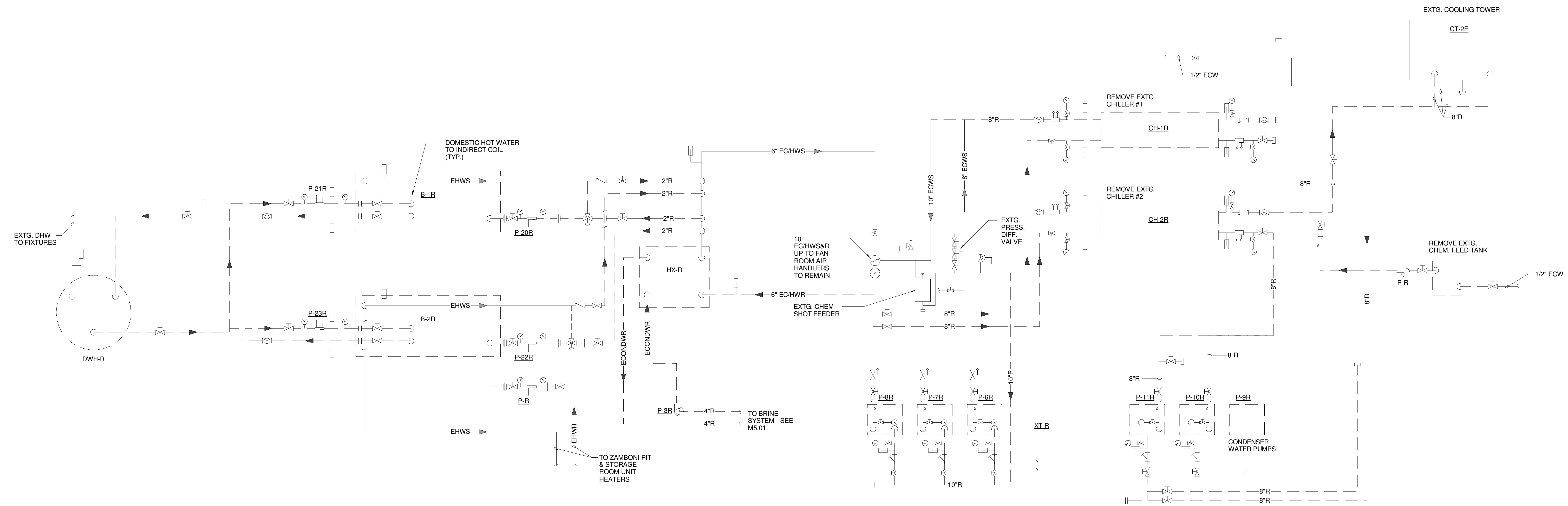
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

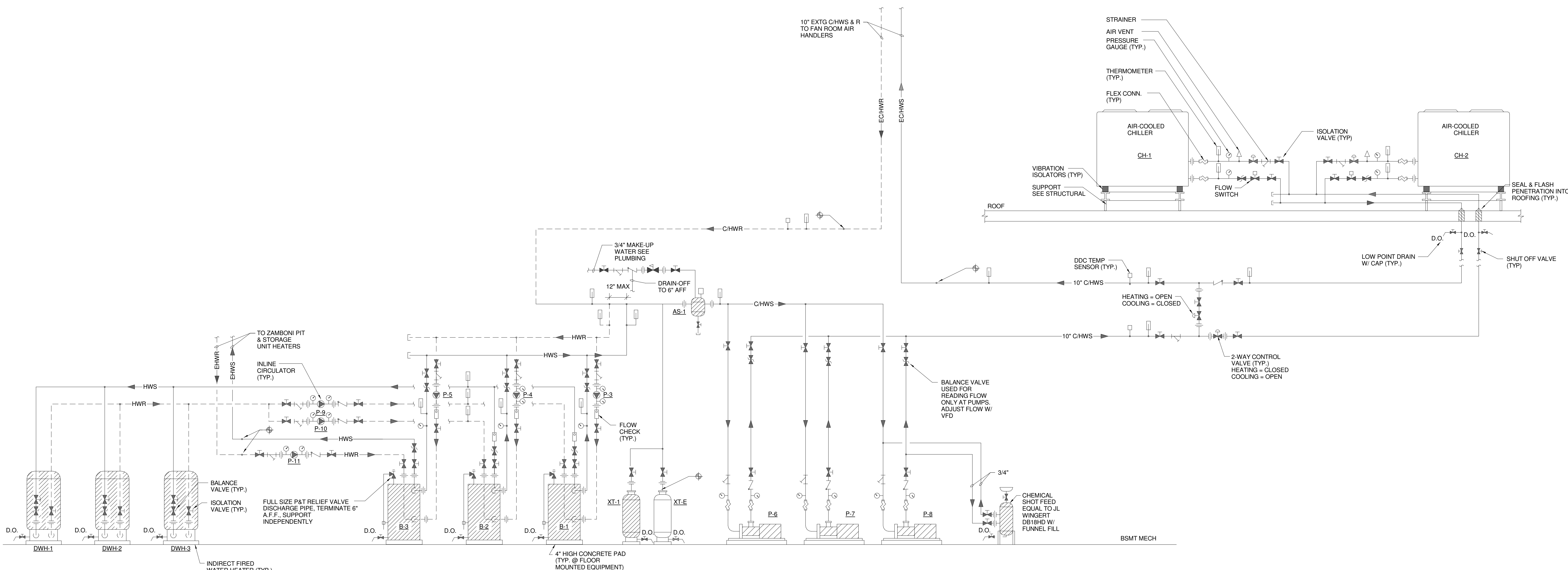
PROJECT: PORTLAND, ME
 MECHANICAL SCHEMATICS

SHEET TITLE	DATE
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SCALE AS NOTED	
PROJECT MANAGER: JRB	SHEET No.
DRAWN BY: CGB	M5.01
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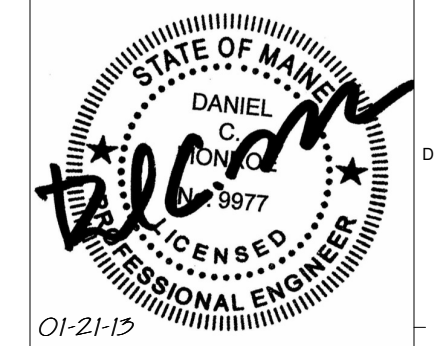
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2 MECHANICAL SYSTEM PIPING SCHEMATIC
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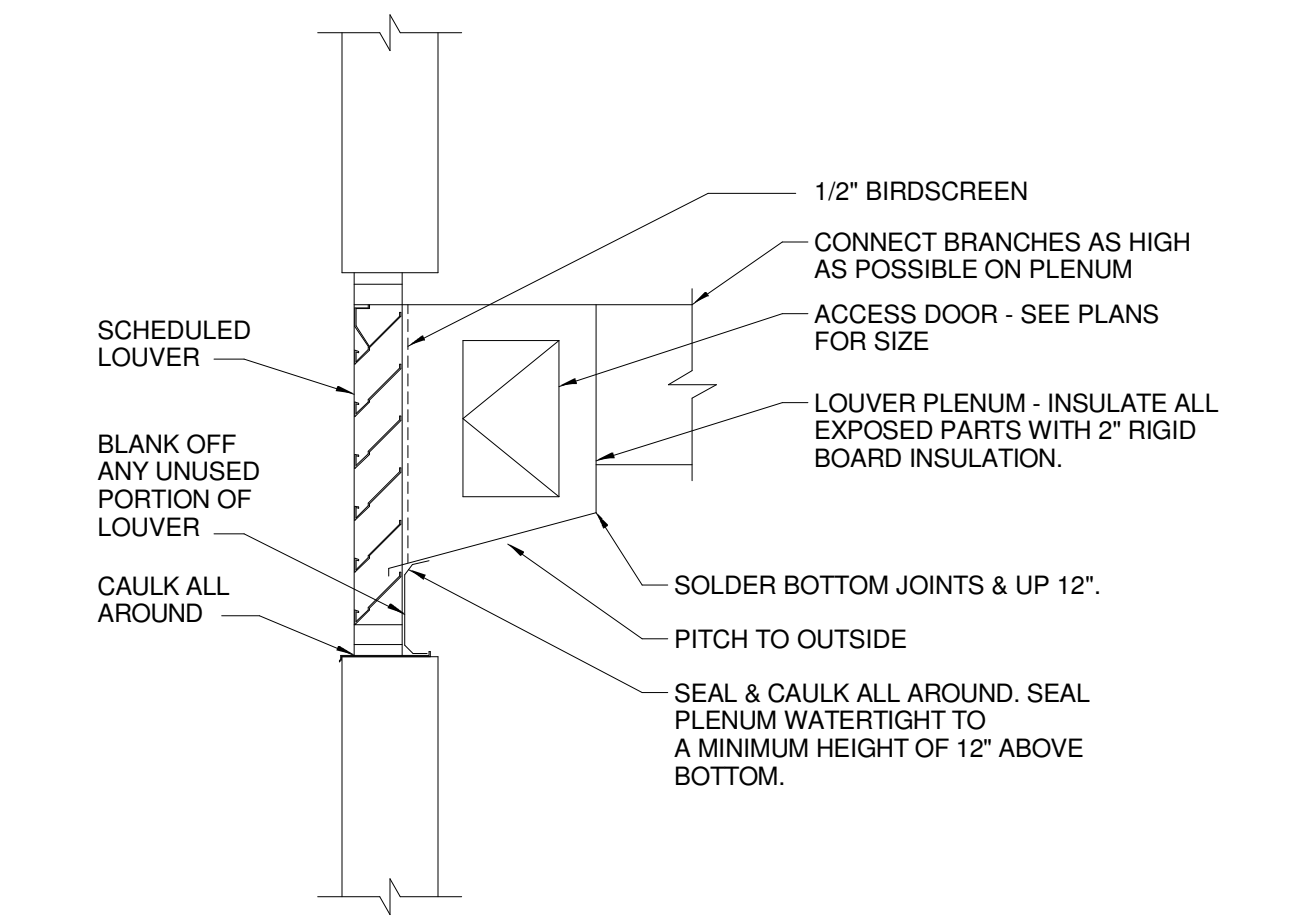
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

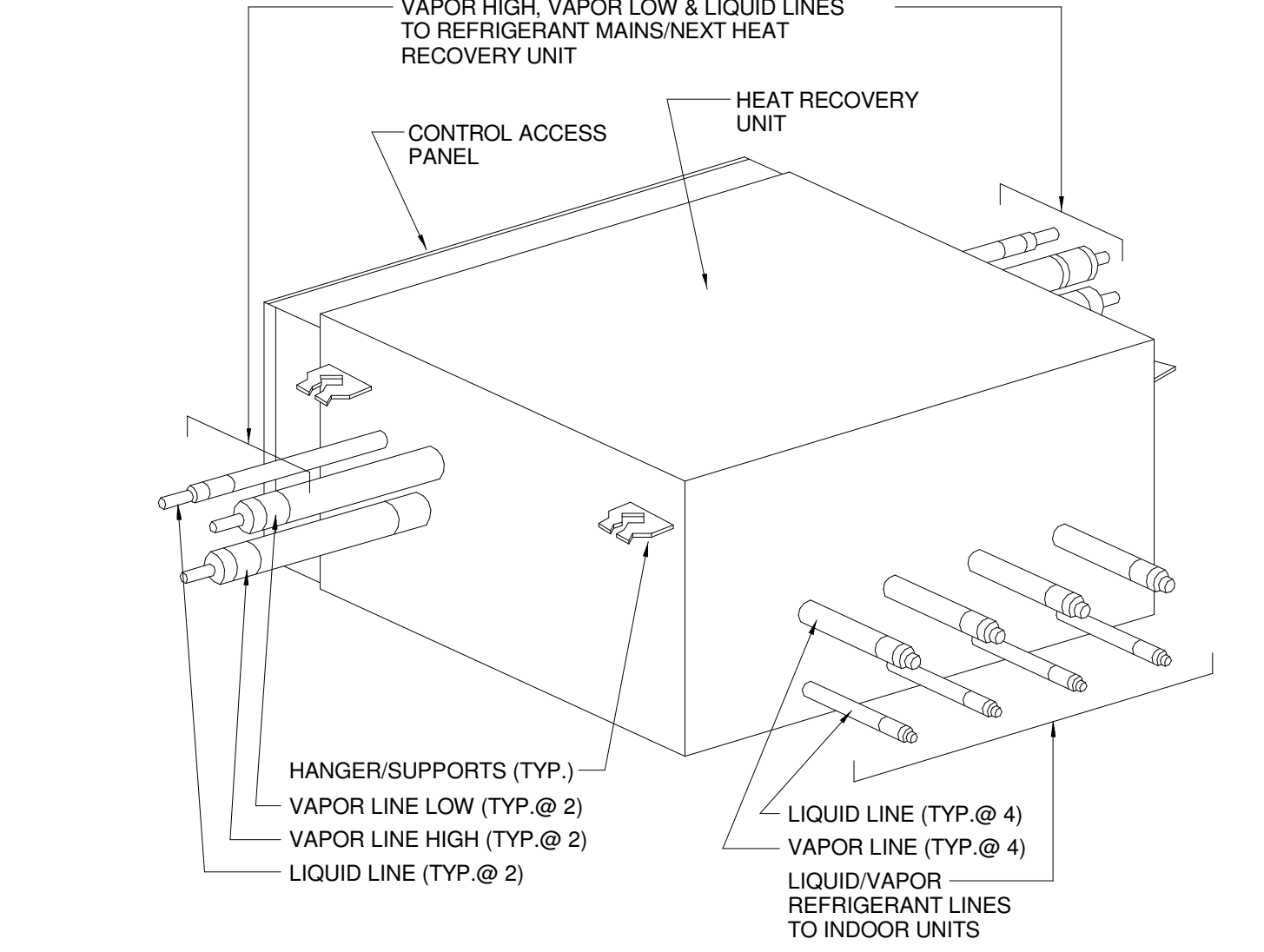
PROJECT: PORTLAND, ME
MECHANICAL SCHEMATIC

SHEET TITLE:	WBRC CAD FILE: 375700 - 0002 Mechanical - m5.dwg
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PROJECT MANAGER:	JRB
DRAWN BY:	CGB
CHECKED BY:	DMON
SHEET No.:	M5.02

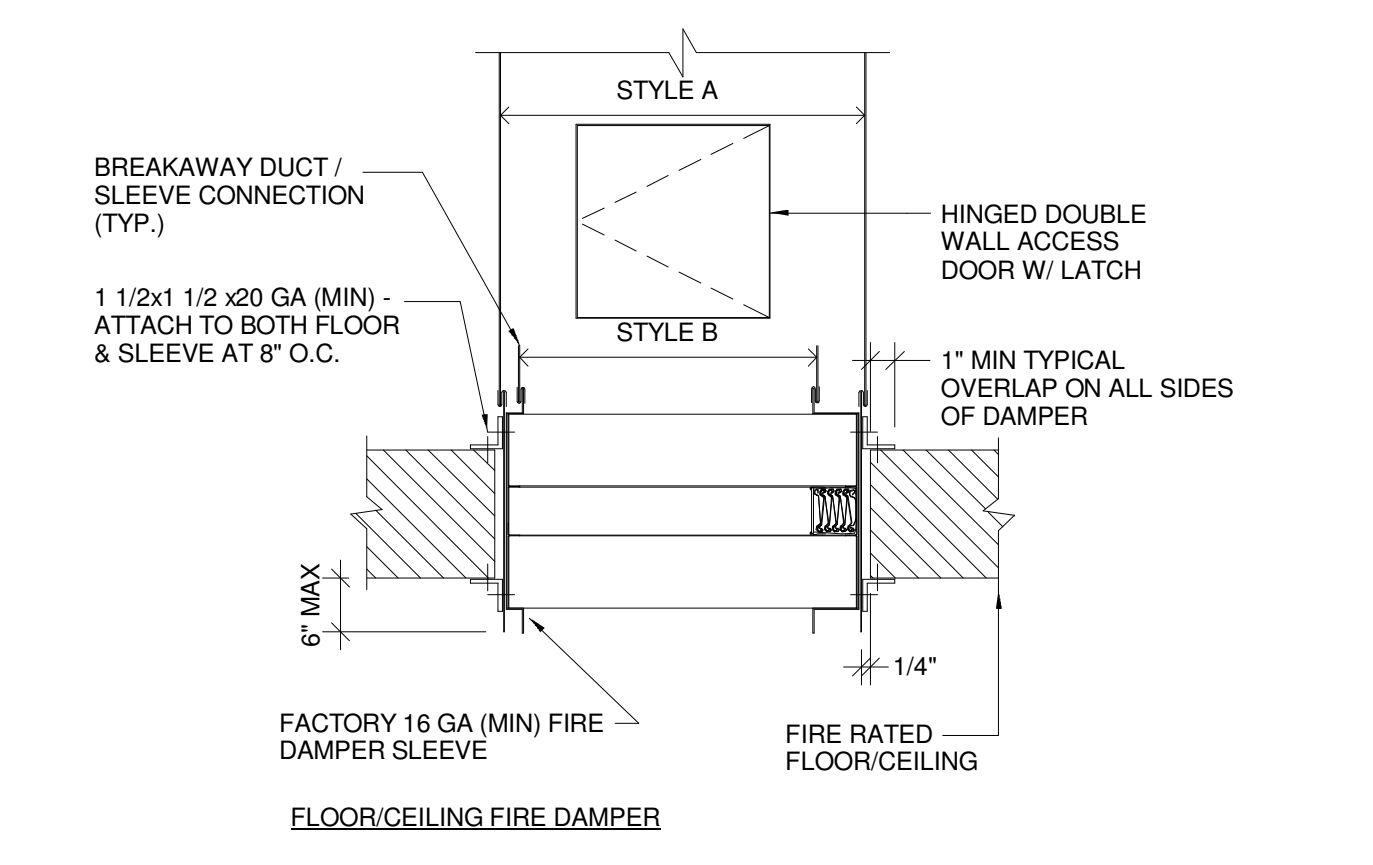
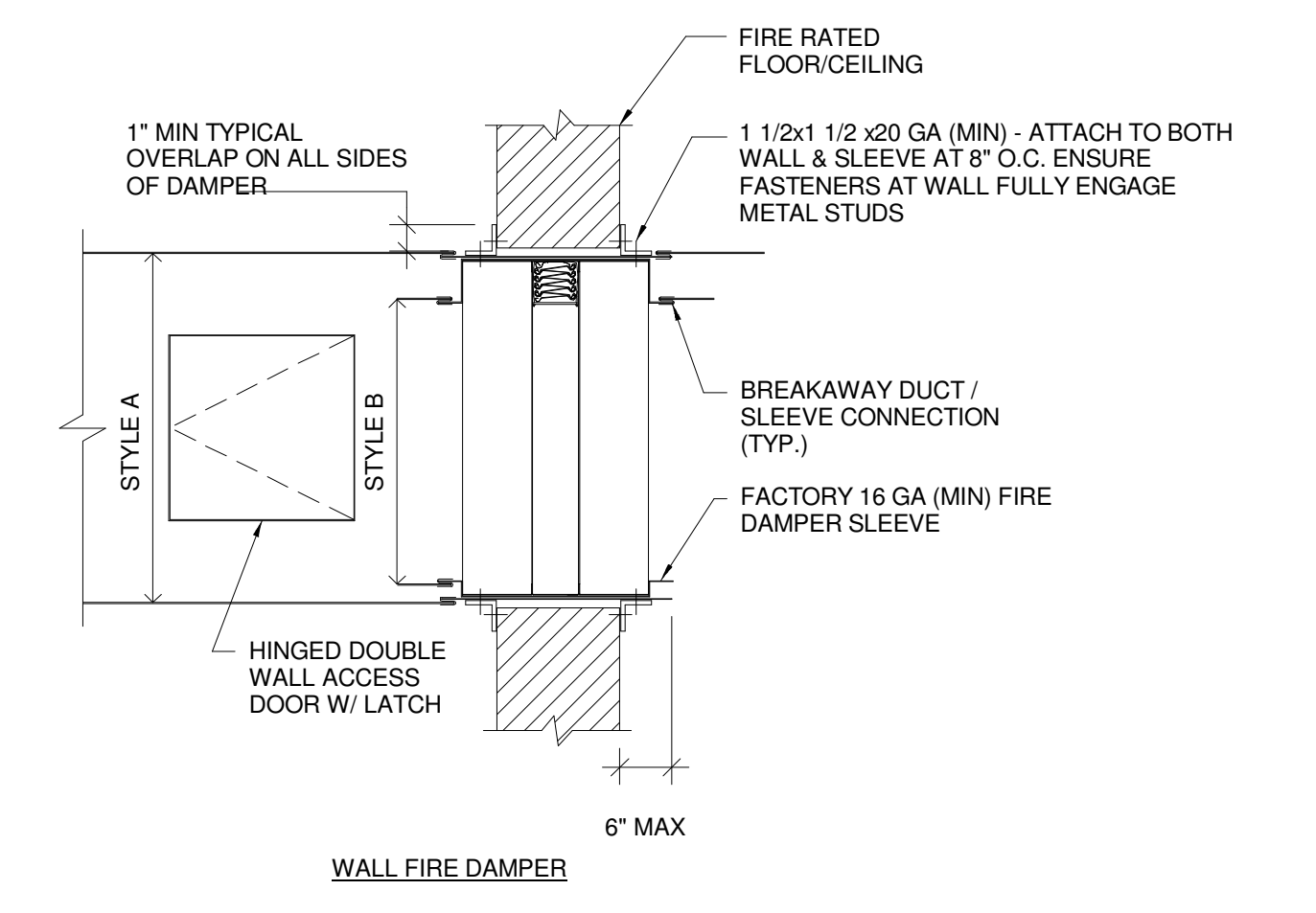
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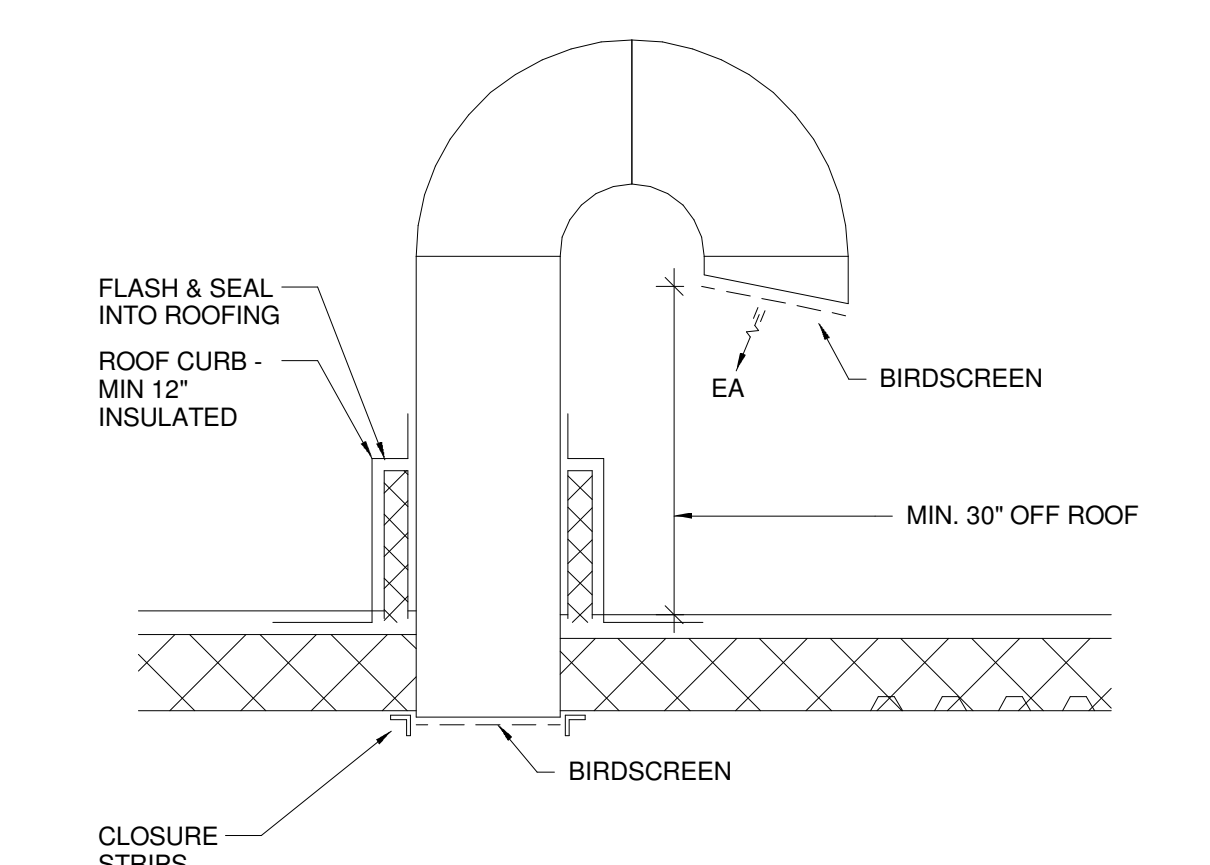


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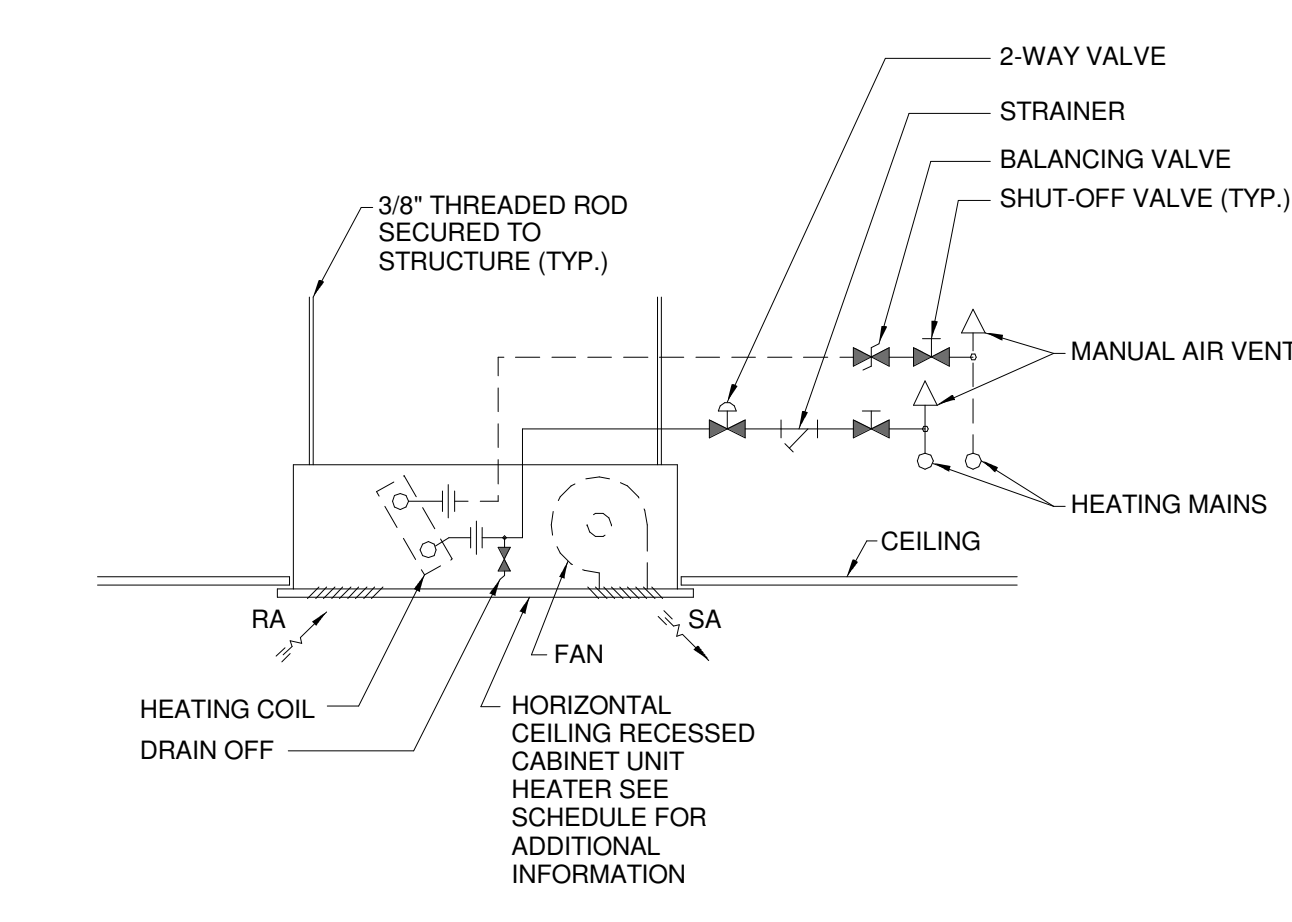


- FIRE DAMPER NOTES:**
1. MAKE OPENING 1/8" PER FOOT LARGER THAN DAMPER DIMENSIONS WITH 1/4" MIN. REGD.
 2. DAMPER CONSTRUCTED AND TEST PER UL 555, UL LABELED, 1-1/2 HOUR FIRE RATING W/ 165 DEG. F FUSIBLE LINK
 3. SEAL BETWEEN WALL AND SLEEVE W/ APPROVED FIRE STOP MATERIAL
 4. REFER TO FIRE DAMPER INSTALLATION INSTRUCTION FOR SPECIFIC INSTALLATION REQUIREMENTS
 5. FIRE DAMPERS SHALL BE TYPE "B" W/ CURTAIN OUT OF AIRSTREAM UNLESS OTHERWISE NOTED
 6. TEST & INSPECT FIRE DAMPER FOR PROPER OPERATION & RESTORE AFTER TESTING.
 7. PROVIDE DUCT ACCESS DOOR AT FIRE DAMPER

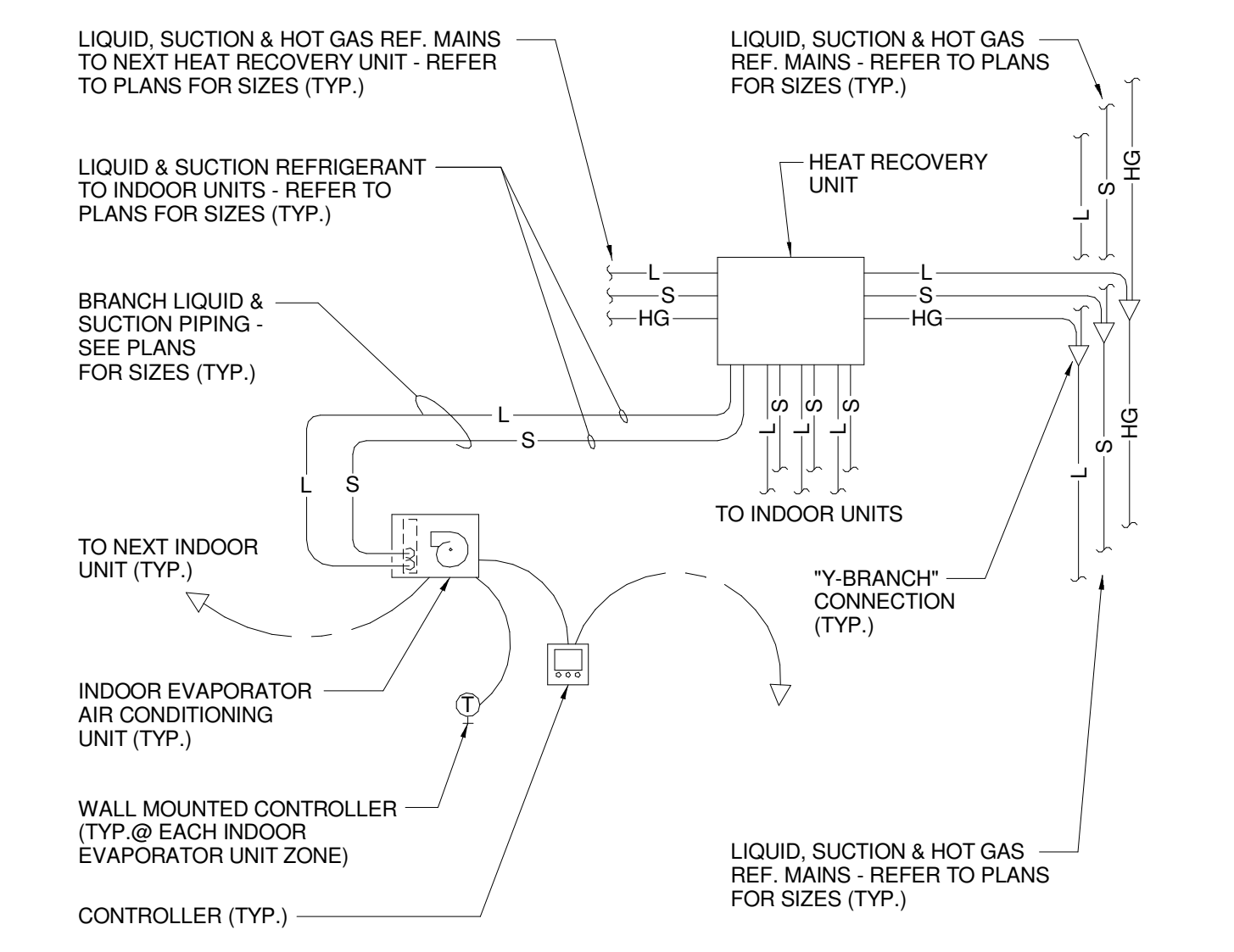
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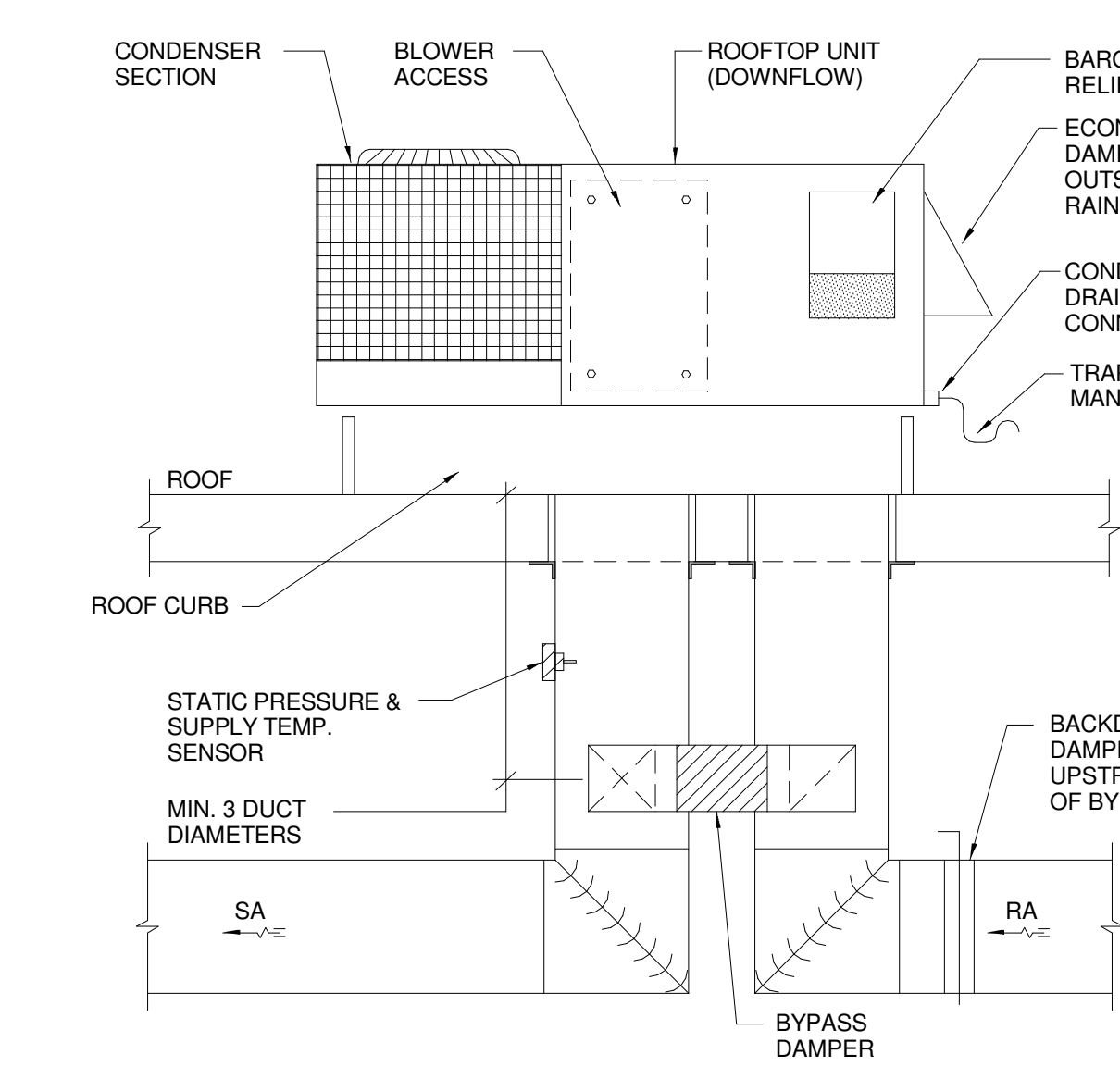
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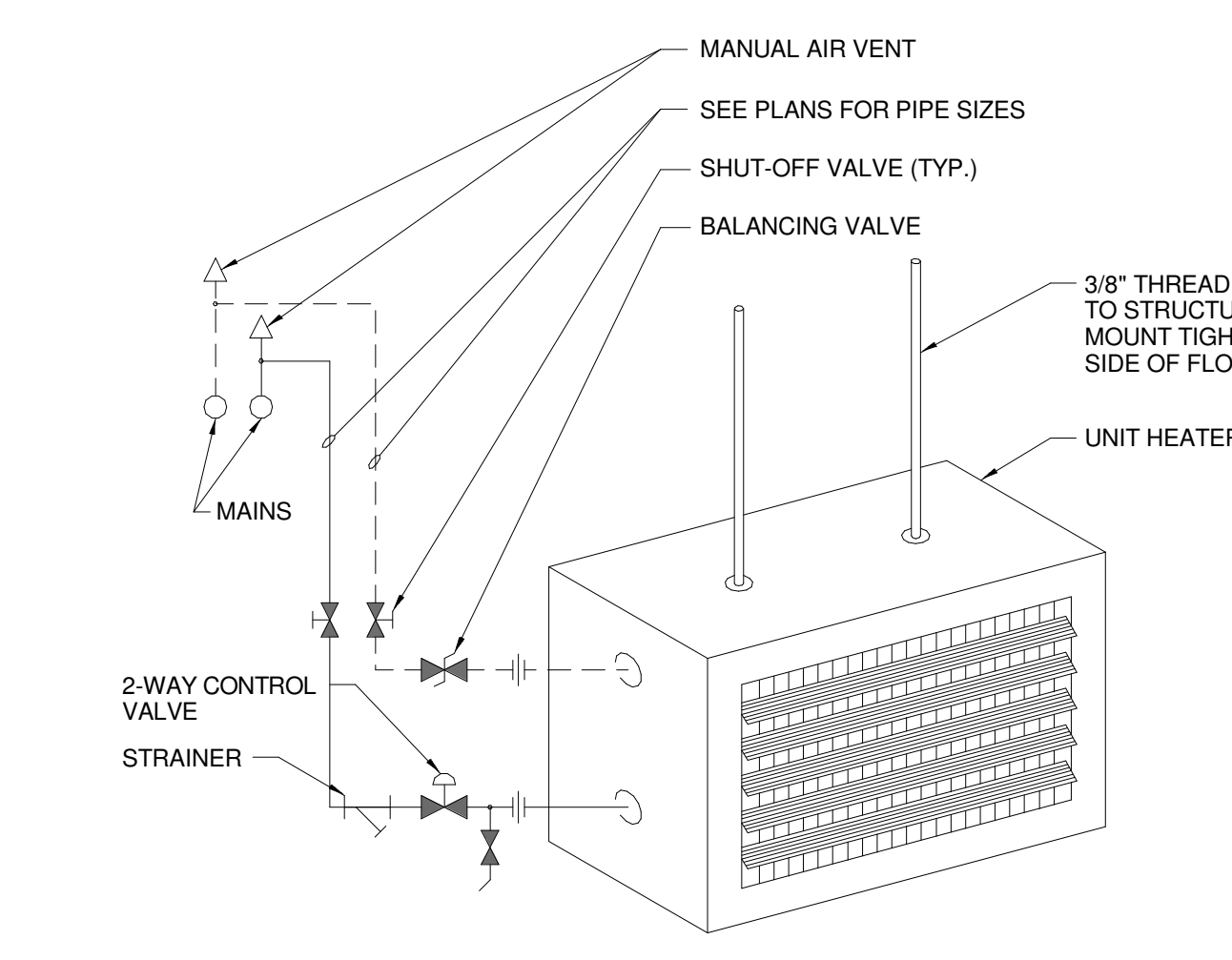
J1 CABINET UNIT HEATER PIPING SCHEMATIC
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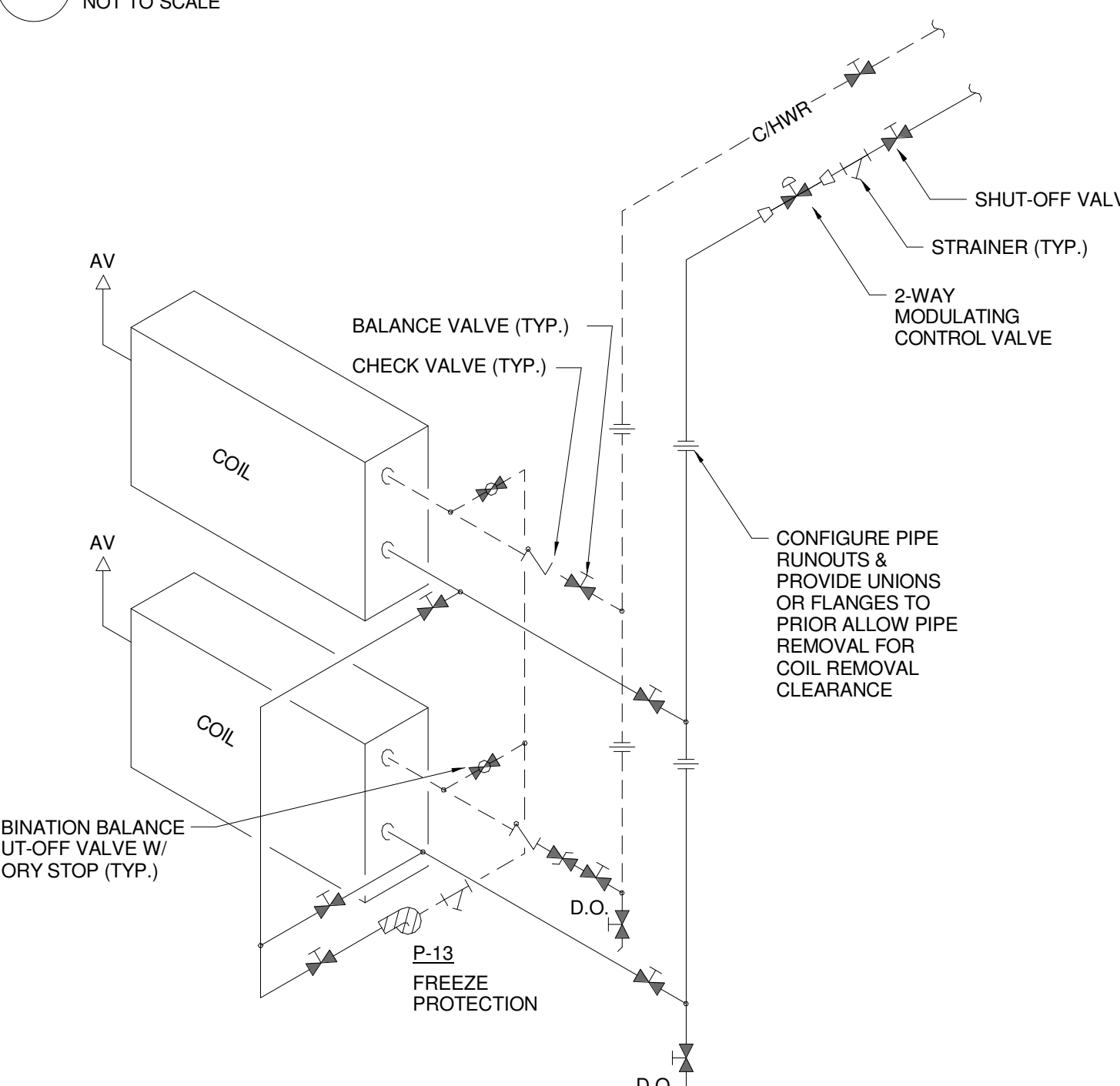
J7 VRF PIPING SCHEMATIC
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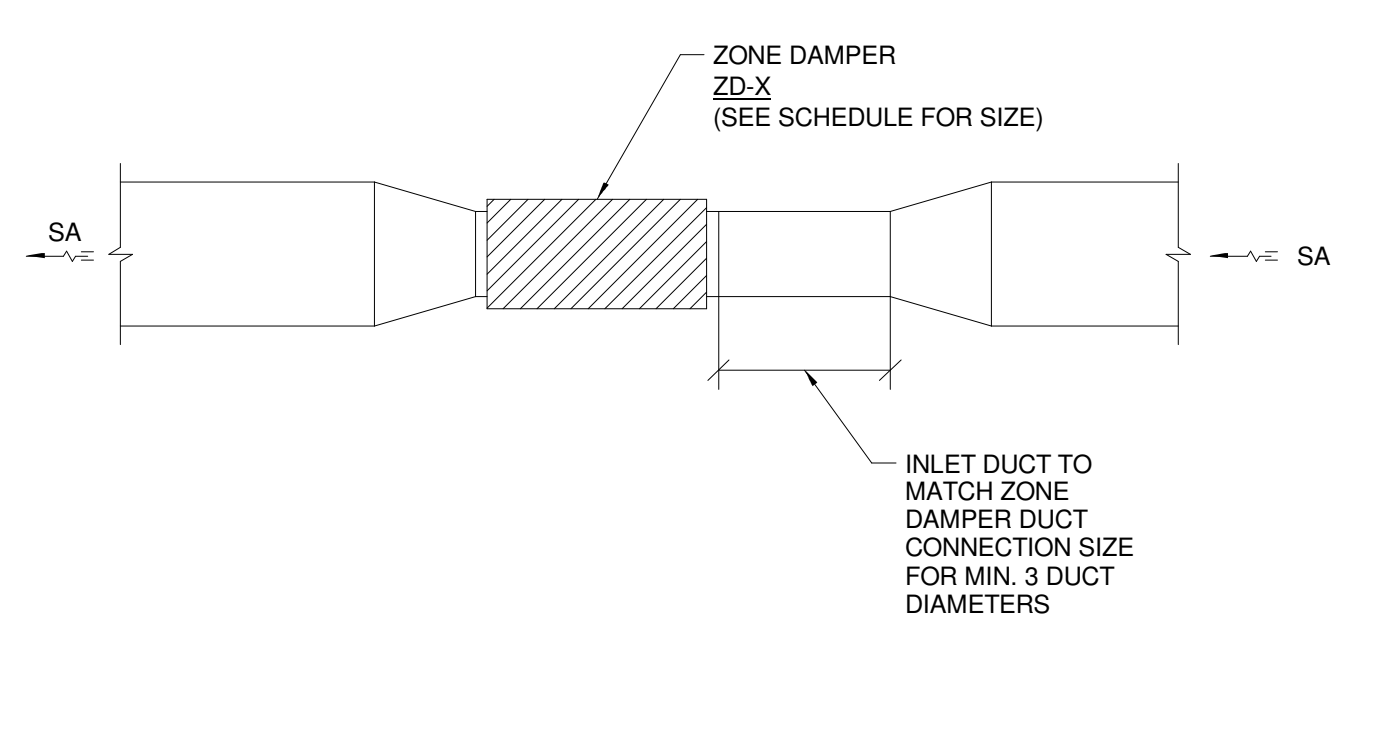
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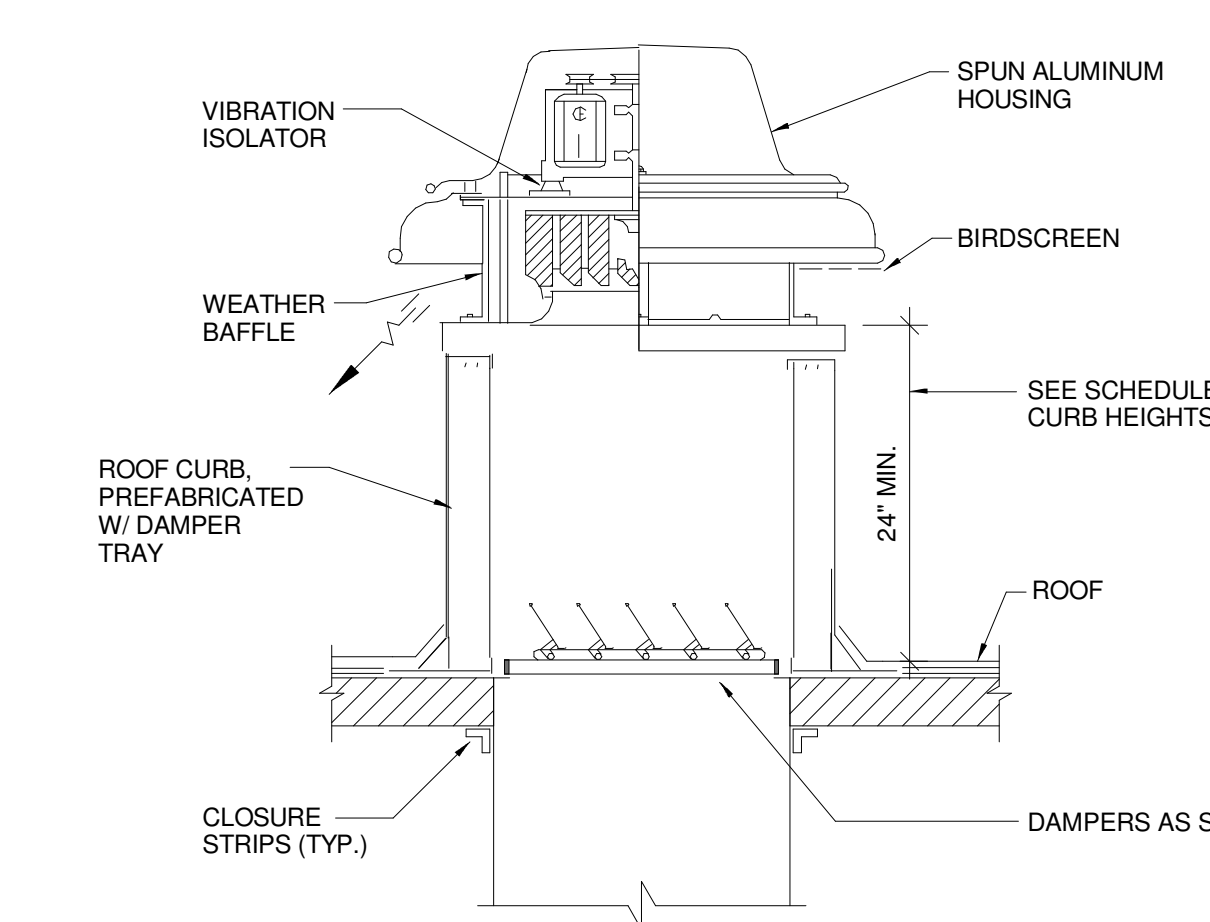
E1 UNIT HEATER PIPING SCHEMATIC
NOT TO SCALE



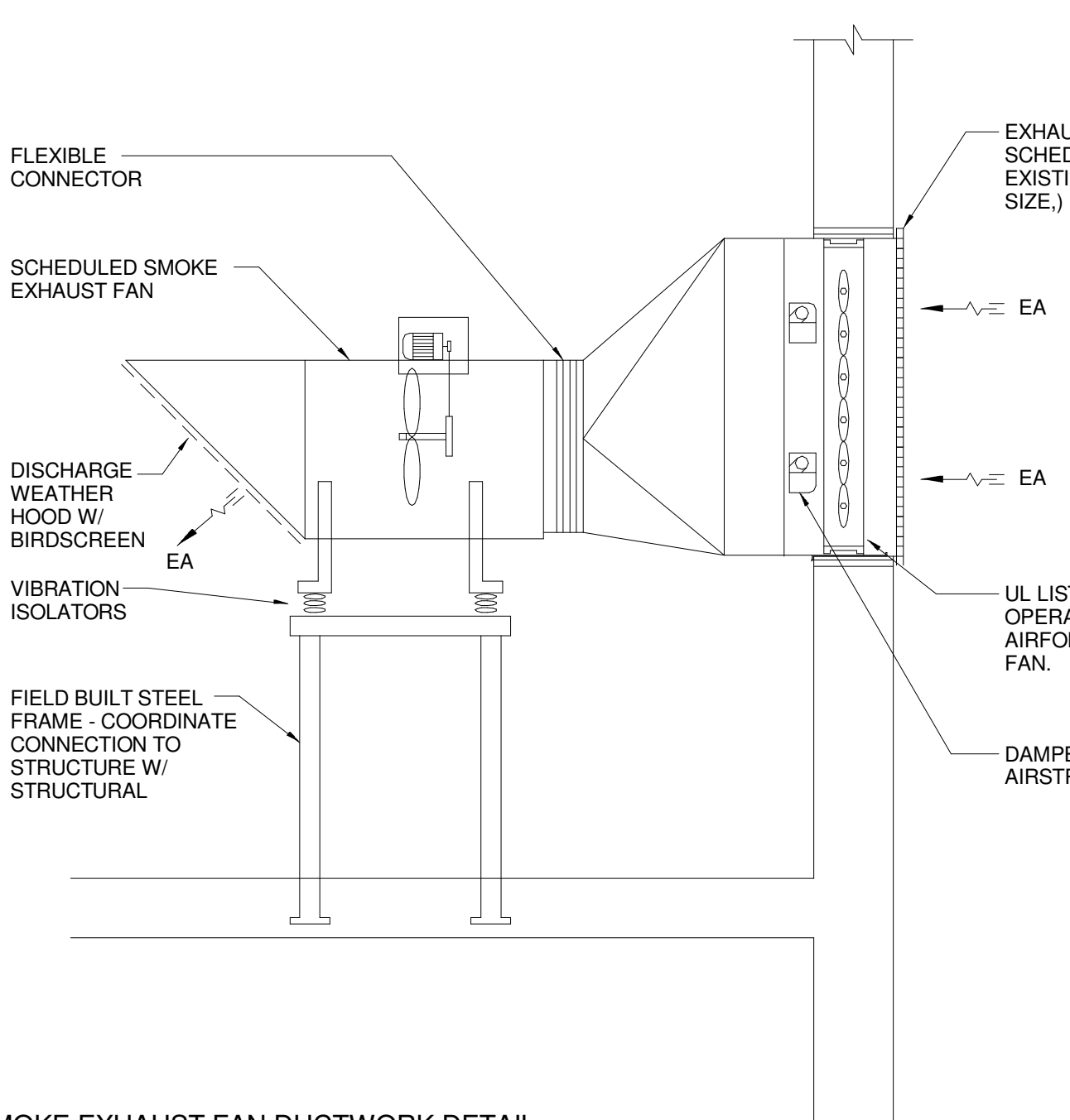
D7 STACKED COIL PIPING SCHEMATIC
NOT TO SCALE



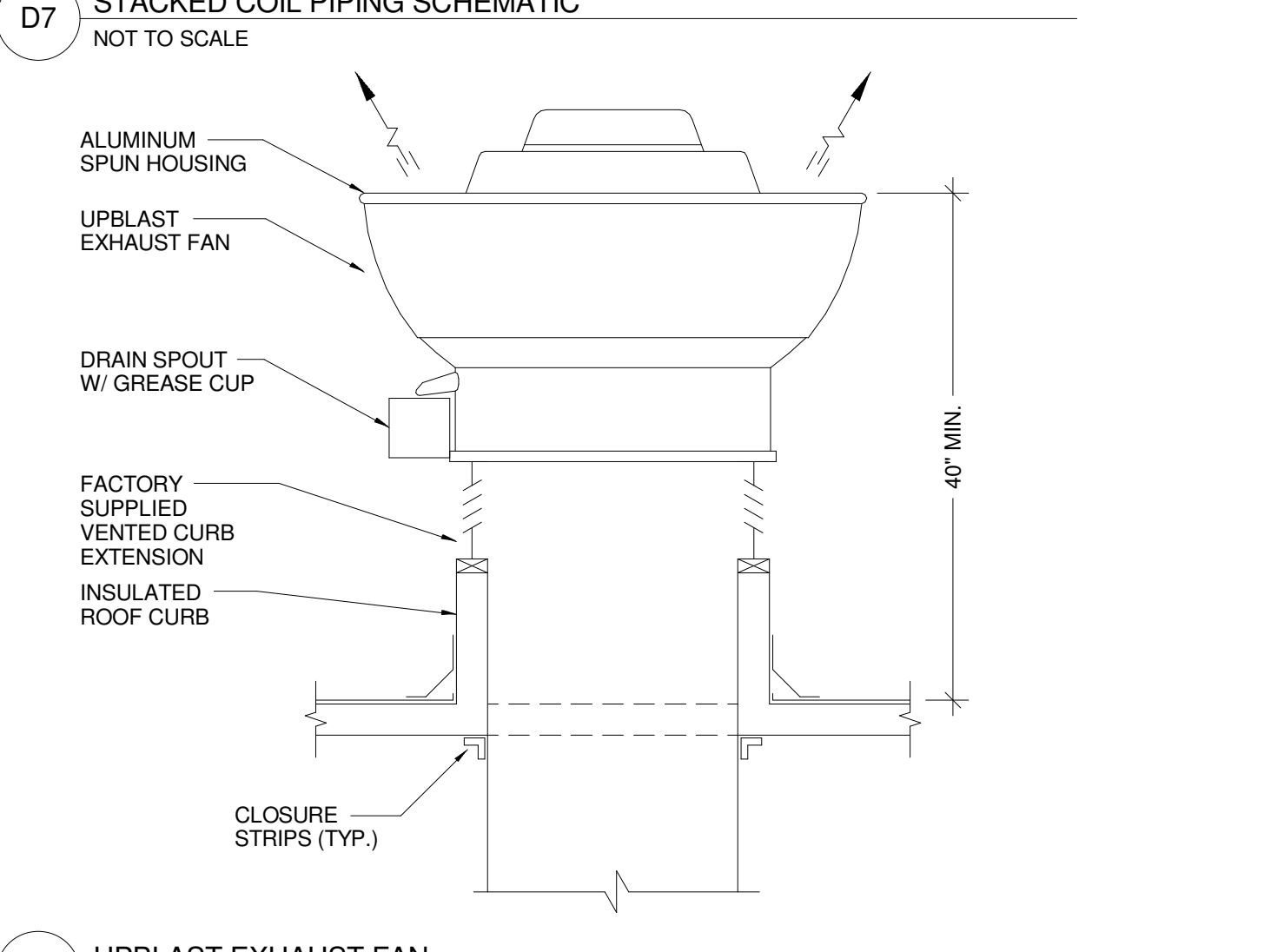
E11 ZONE DAMPER DETAIL
NOT TO SCALE



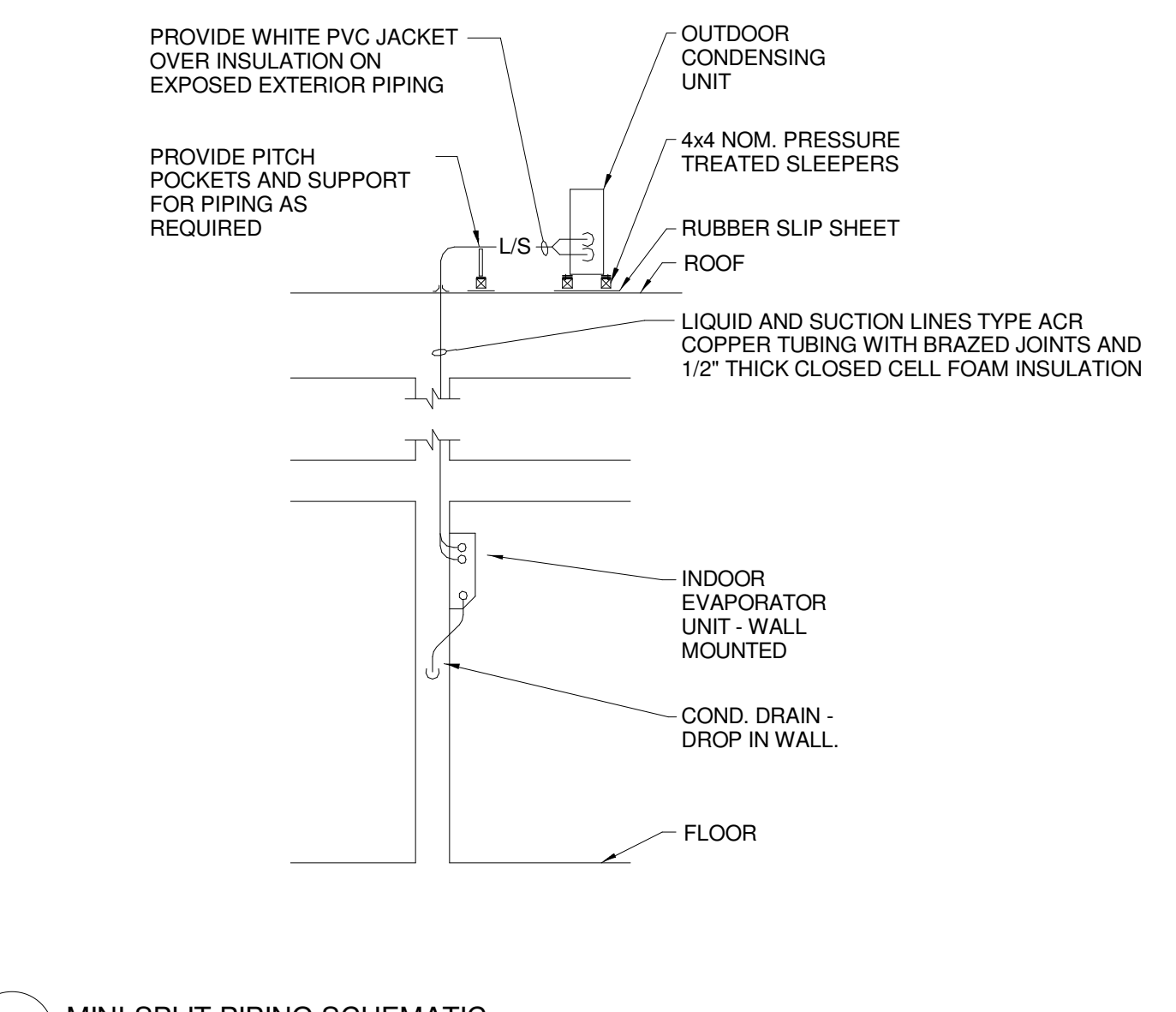
E15 DOWNBLAST EXHAUST FAN DETAIL
NOT TO SCALE



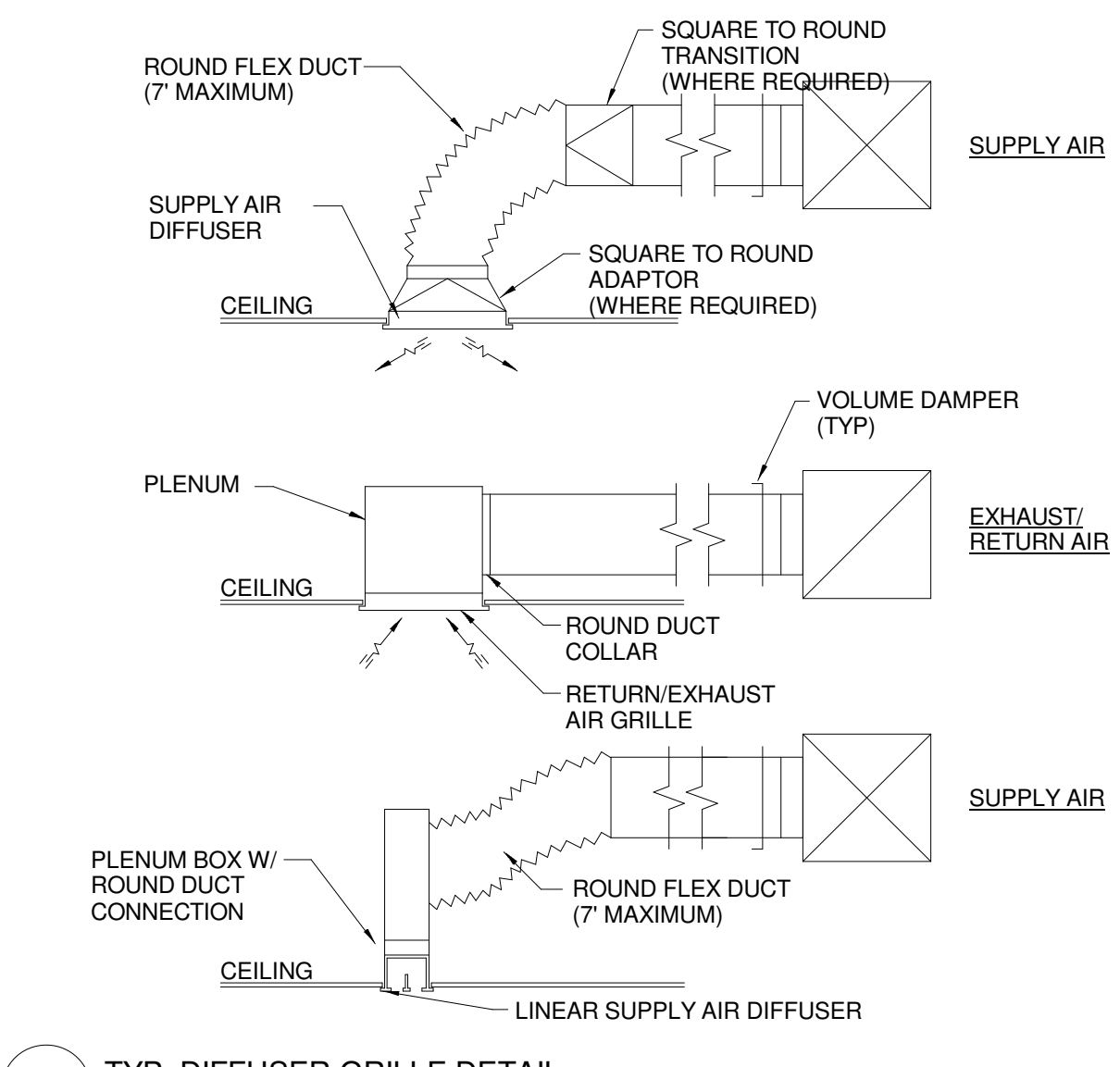
A1 SMOKE EXHAUST FAN DUCTWORK DETAIL
NOT TO SCALE



A7 UPBLAST EXHAUST FAN
NOT TO SCALE



A11 MINI-SPLIT PIPING SCHEMATIC
NOT TO SCALE



A15 TYP. DIFFUSER GRILLE DETAIL
NOT TO SCALE

1	CONSTRUCTION DOCUMENTS	01-21-2013
0	REV. ENTRY CONSTRUCTION DOCS	10-31-2012
REV.	DESCRIPTION	DATE
CONSTRUCTION DOCUMENTS		
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CURRENT ISSUE STATUS:



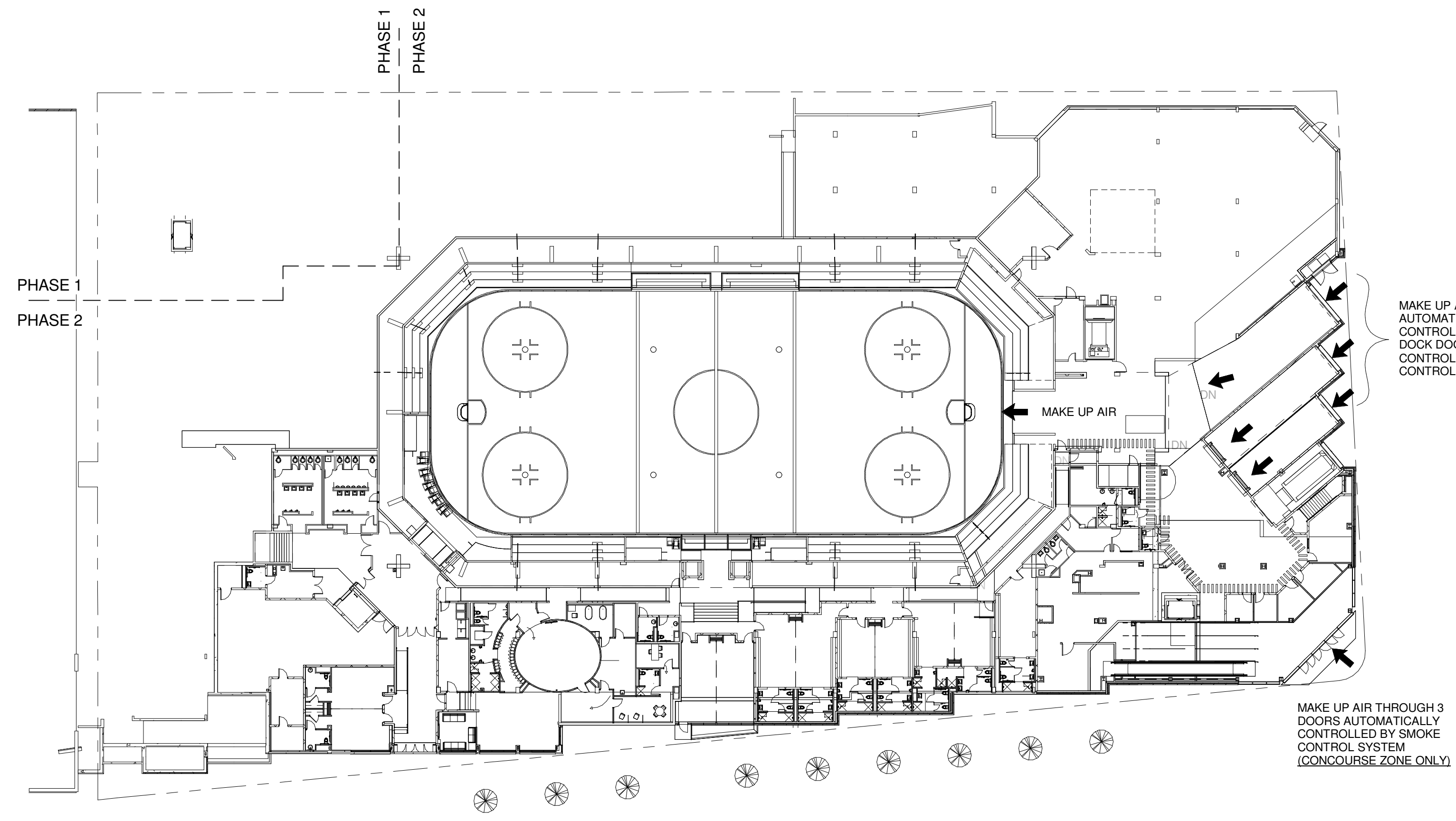
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

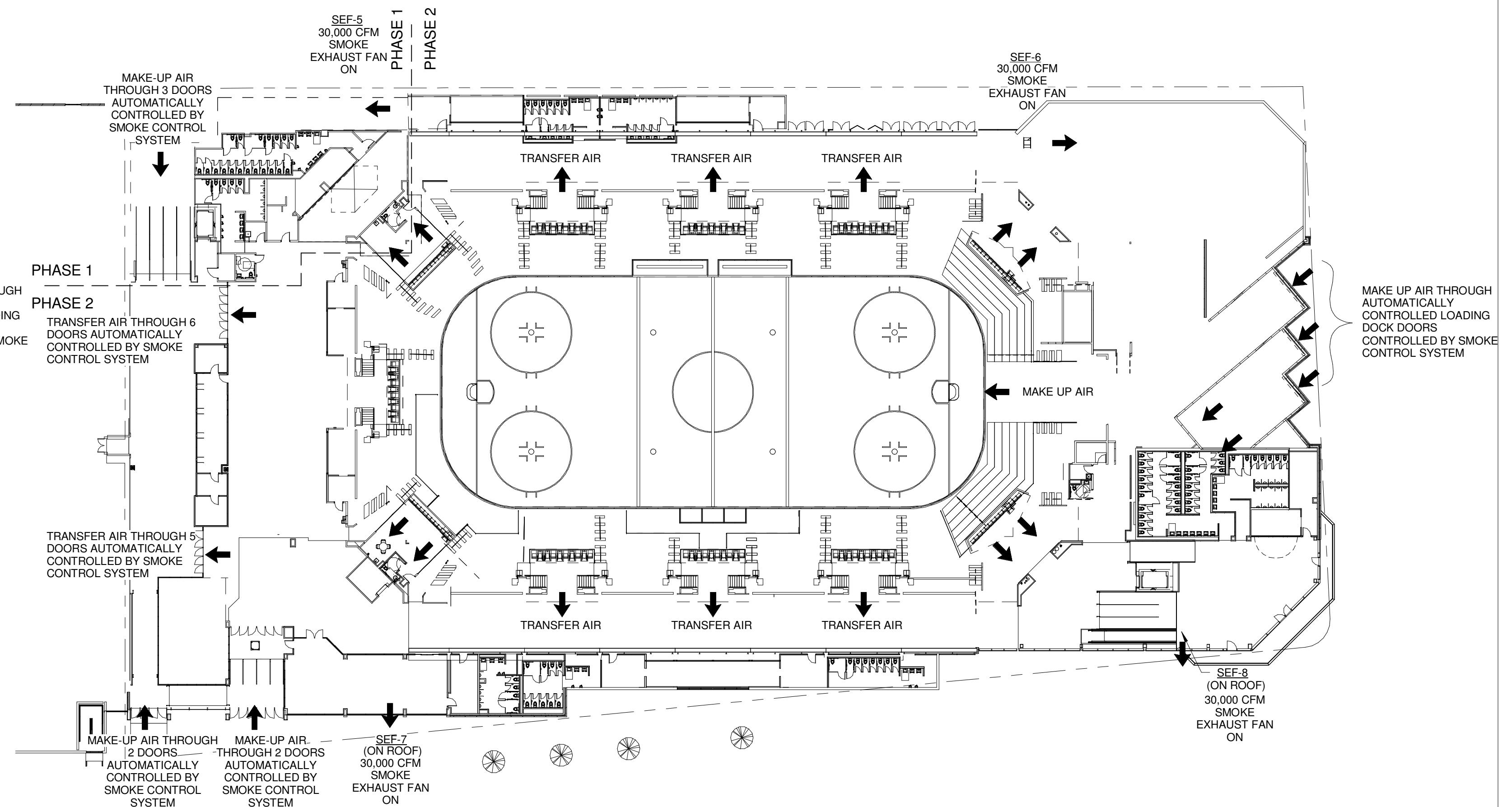
MECHANICAL DETAILS

PROJECT:	PORTLAND, ME
SHEET TITLE:	MECHANICAL DETAILS
WBRC CAD FILE:	375700 - 0002 Mechanical.rvt
PROJECT No.:	3757.00
SCALE:	AS NOTED
PROJECT MANAGER:	JRB
DRAWN BY:	COB
CHECKED BY:	DMON
SHEET No.:	M5.03

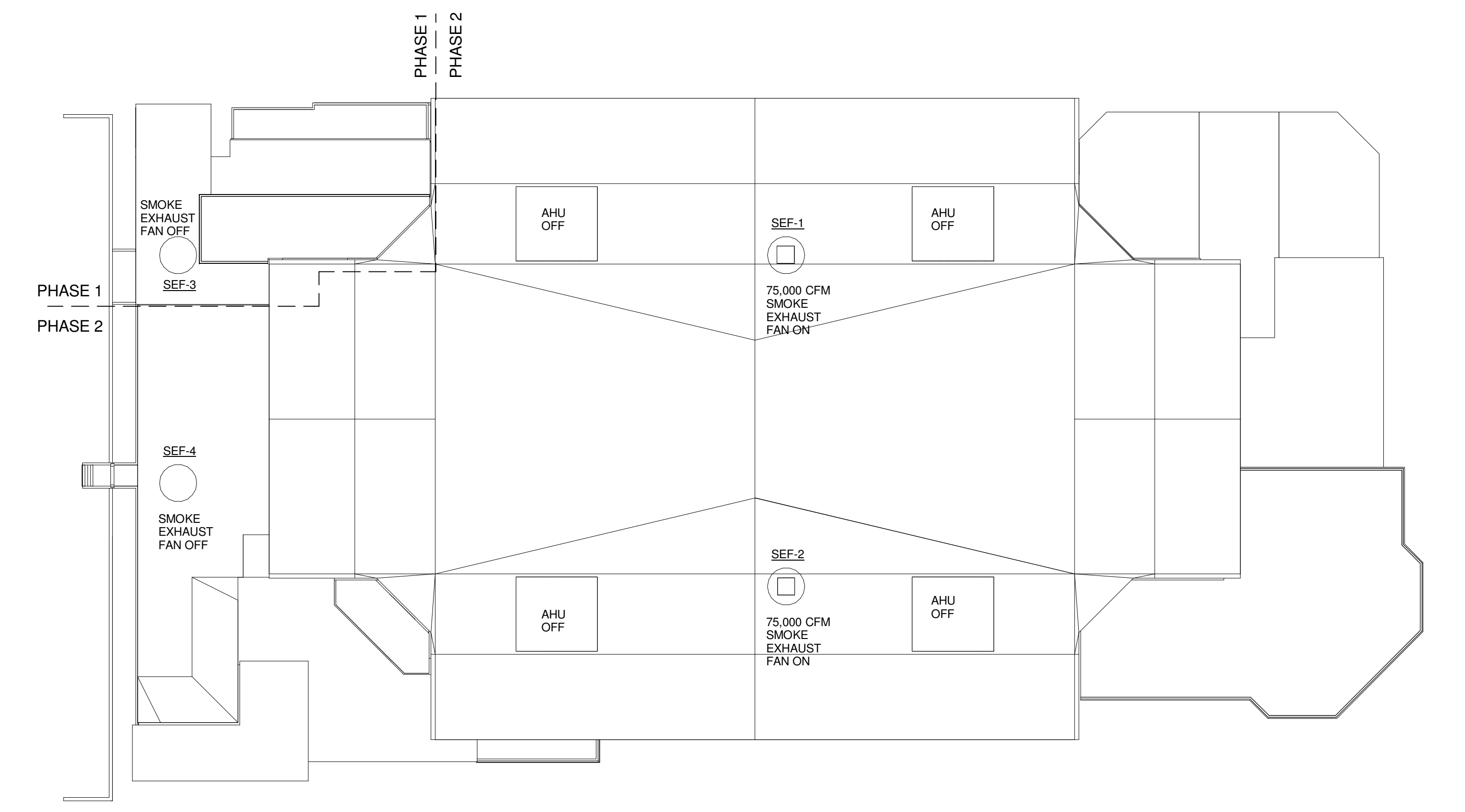
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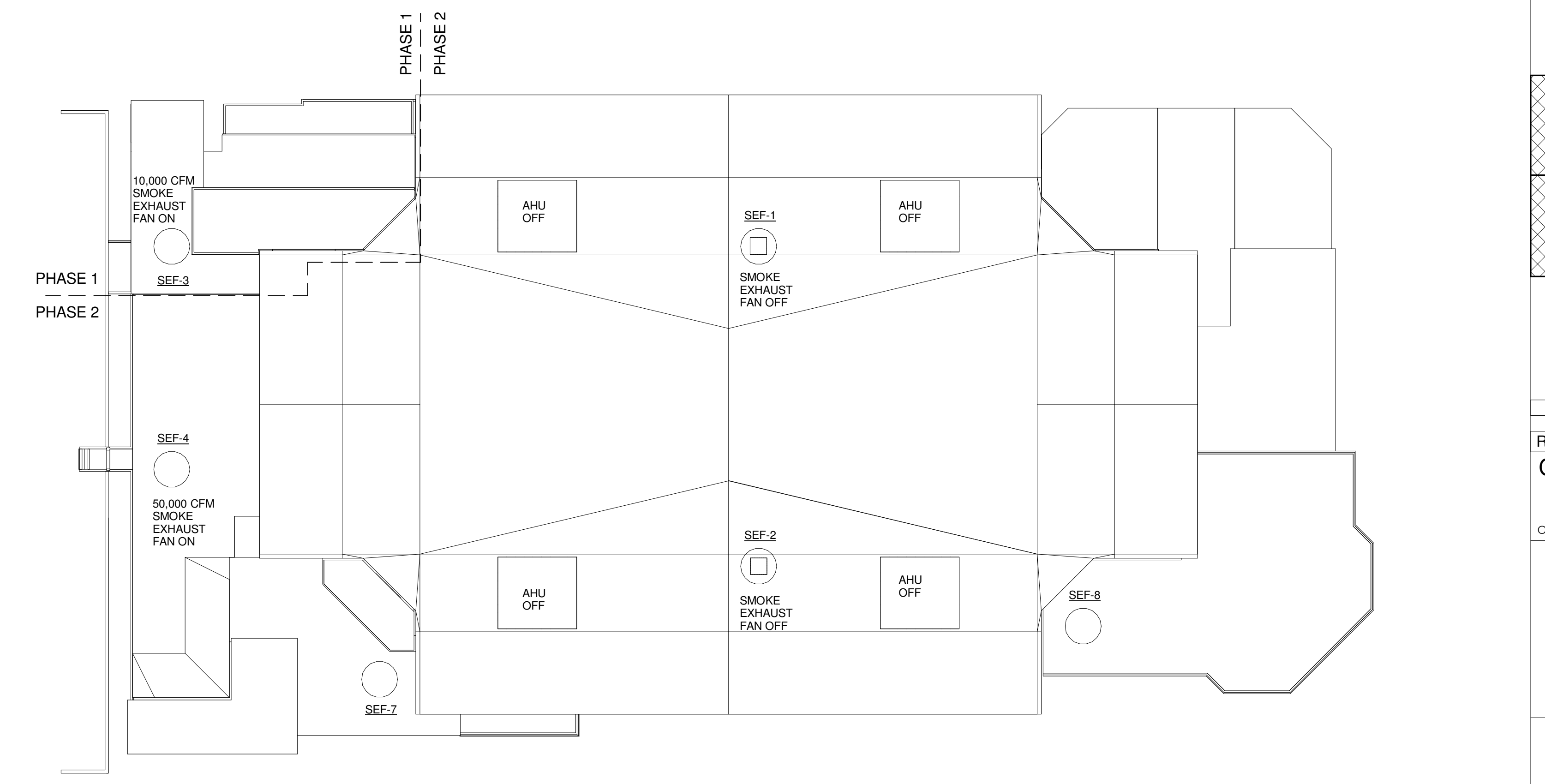
1 BOWL SMOKE CONTROL - EVENT LEVEL AIRFLOWS
 1/32" = 1'-0"



2 CONCOURSE SMOKE CONTROL - CONCOURSE LEVEL AIRFLOWS
 1/32" = 1'-0"



3 BOWL SMOKE CONTROL - ROOF LEVEL AIRFLOWS
 1/32" = 1'-0"



4 CONCOURSE SMOKE CONTROL - ROOF LEVEL AIRFLOWS
 1/32" = 1'-0"

A	B
D	C

1	CONSTRUCTION DOCUMENTS	01-21-2013
0	NW ENTRY CONSTRUCTION DOCS	10-31-2012
REV.	DESCRIPTION	DATE
CONSTRUCTION DOCUMENTS		
01-21-2013		

CURRENT ISSUE STATUS:



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
 PROJECT: PORTLAND, ME
MECHANICAL SMOKE CONTROL SCHEMATICS

SHEET TITLE	
WBRC CAD FILE: 375700 - 0002 Mechanical.rvt	
PROJECT No. 3757.00	GRAPHIC SCALE 1" = 1'-0"
SCALE 1/32" = 1'-0"	
PROJECT MANAGER: JRB	SHEET No. M8.01
DRAWN BY: CGB	
CHECKED BY: DMON	

1/21/2013 10:22:00 AM
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LEGEND

Table containing various electrical symbols and their corresponding descriptions, such as 'E EXISTING TO REMAIN', 'ER EXISTING RELOCATED', 'NR NEW TO REPLACE EXISTING IN EXISTING LOCATION', etc.

LIGHT FIXTURE SCHEDULE

Table listing light fixture specifications including TYPE, DESCRIPTION, SIZE, MANUFACTURER CAT. NO., LENS/LOUVER, LAMPS, BALLASTS, EFFICIENCY MAINE CODE, EFFICIENCY, WATTS PER FIXTURE, VOLT., and NOTES.

LIGHT FIXTURE SCHEDULE NOTES:
(1) ALL T8 LAMPS AND BALLASTS SHALL BE ELIGIBLE "SUPER T8" SYSTEMS PER EFFICIENCY MAINES "QUALIFYING HIGH PERFORMANCE T8" TABLE.

GENERAL ELECTRICAL DEMO NOTES:

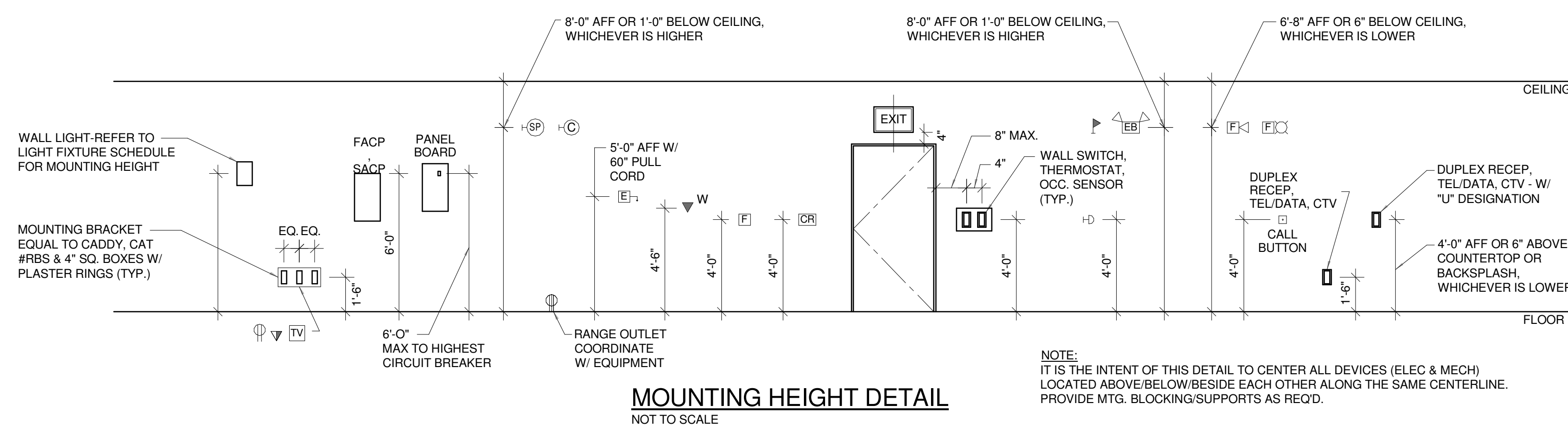
- 1. WIRING FOR EXISTING BRANCH CIRCUIT DEVICES TO BE DEMOLISHED SHALL BE REMOVED BACK TO THE PANELBOARD...
2. ALL EXPOSED RACEWAYS & CABLES IN FINISHED SPACES, NO LONGER IN USE, SHALL BE REMOVED.
3. MAINTAIN OR RESTORE IF INTERRUPTED BY REMOVALS OR IN PATH OF NEW CONSTRUCTION...

GENERAL ELECTRICAL NOTES:

- 1. ALL WORK SHALL BE INSTALLED IN A NEAT AND WORKMAN LIKE MANNER, RECTILINEAR TO BUILDING STRUCTURE...
2. EXACT LOCATION OF MECHANICAL EQUIPMENT THAT REQUIRES ELECTRICAL CONNECTION IS SHOWN ON THE MECHANICAL DRAWINGS.
3. CONTRACTOR SHALL REVIEW ALL TRADES CONTRACT DOCUMENTS, AND FIELD VERIFY...

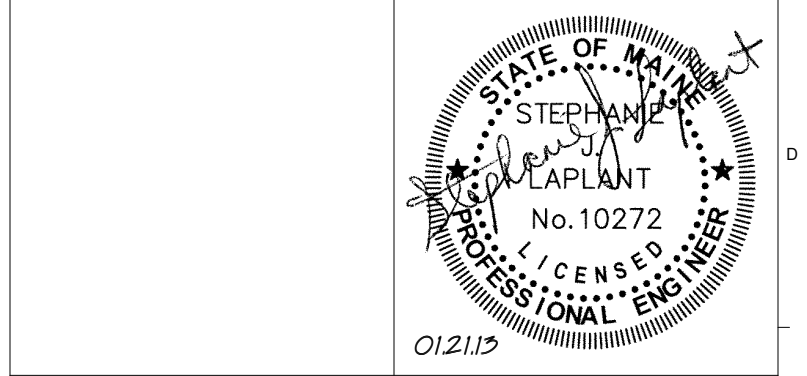
ABBREVIATIONS

Table listing abbreviations for electrical symbols, such as 'A AMPERES', 'AFP ABOVE FINISHED FLOOR', 'ATS AUTOMATIC TRANSFER SWITCH', etc.



MOUNTING HEIGHT DETAIL
NOT TO SCALE

Table listing construction documents: 2 CONSTRUCTION DOCUMENTS 01-21-2013, 1 NEW ENTRY CONSTRUCTION DOCS 10-31-2012, 0 NEW ENTRY CONSTRUCTION DOCS 10-31-2012.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME

ELECTRICAL LEGEND, ABBREVIATIONS AND LIGHT FIXTURE SCHEDULE
SHEET No. E0.01

Table with project details: PROJECT No. 375700, SCALE: NOT TO SCALE, PROJECT MANAGER: JRB, DRAWN BY: KRM, CHECKED BY: S.L.

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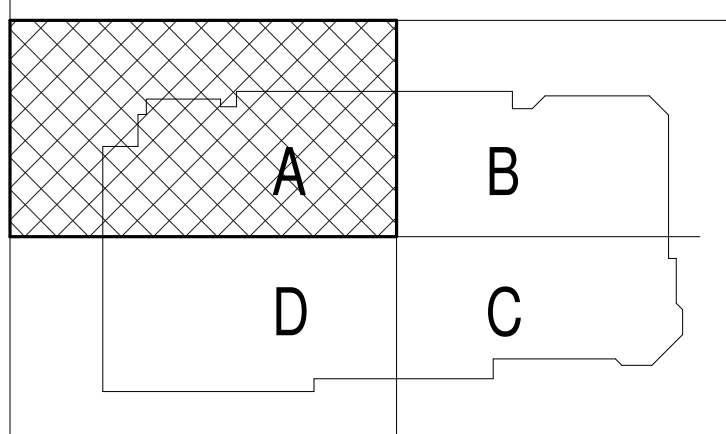
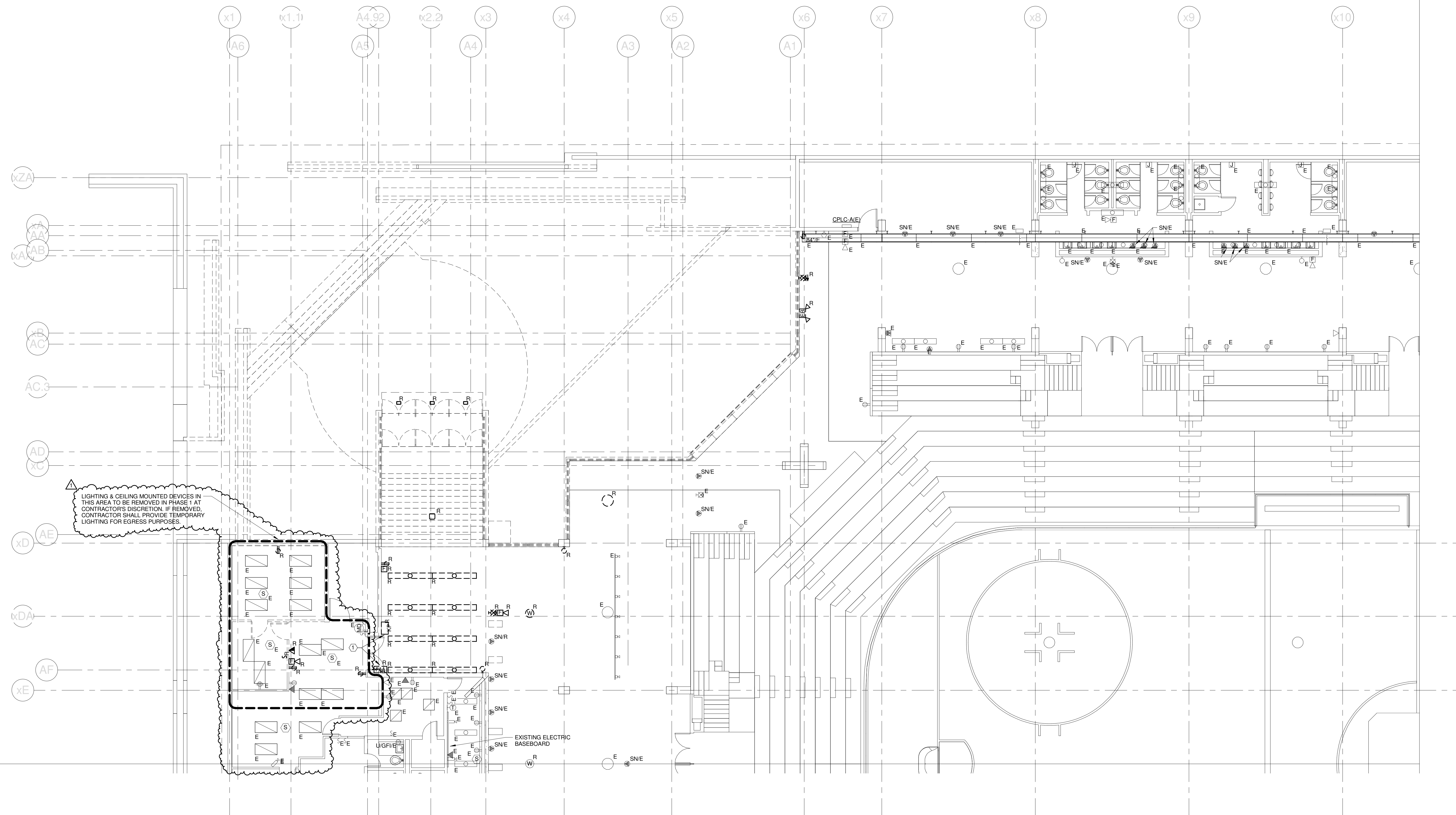
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GENERAL DEMO NOTES:

1. ELECTRICAL DEMOLITION DRAWING IS BASED UPON FIELD VERIFICATION AND TRU-VIEW SCANS. CONTRACTOR SHALL REMOVE & MAKE SAFE ALL ELECTRICAL EQUIPMENT (SHOWN OR NOT SHOWN) IN THE DEMOLITION SCOPE. REFER ALSO TO DEMOLITION NOTES ON SHEET ED.01A.

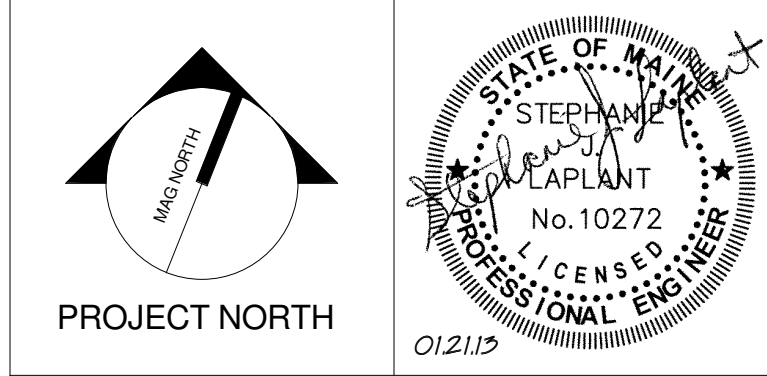
TECHNICAL NOTES:

① SALVAGE EQUIPMENT AND PULL BACK EXISTING CABLES TO ADJACENT MECHANICAL ROOM FOR RELOCATION IN FUTURE PHASES.



3	CONSTRUCTION DOCUMENTS	01-21-2013
2	NW ENTRY CONSTRUCTION DOCS	10-31-2012
1	NW ENTRY F.S.E CON. DOCS	08-23-2012
0	NW ENTRY CONSTRUCTION DOCS	10-31-2012
REV.	DESCRIPTION	DATE

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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

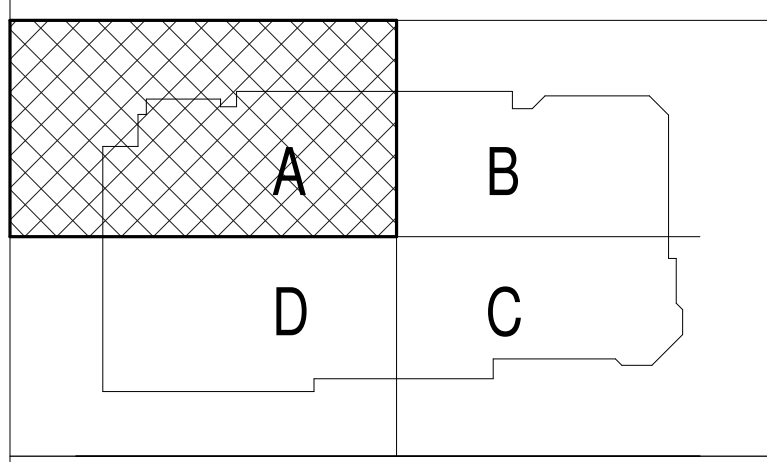
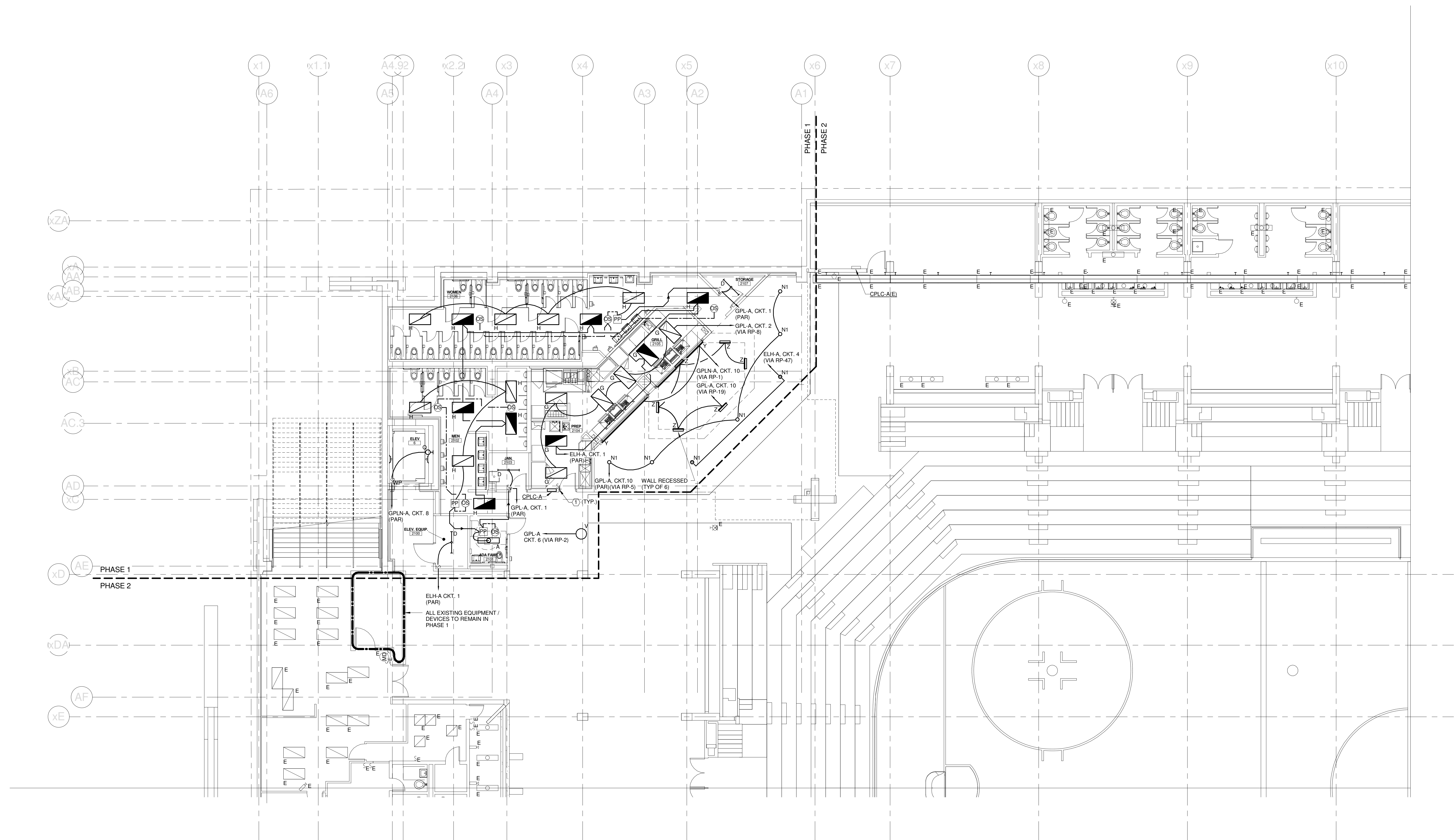
PROJECT: PORTLAND, ME
CONCOURSE LEVEL DEMO PLAN - QUAD A

SHEET TITLE:
WBRC CAD FILE: C:\Users\jlmahar\Documents\375700 - CCCC Electrical_1\jlmahar.rvt
PROJECT No: **375700** GRAPHIC SCALE: 1" = 10'
SCALE: **As indicated**
PROJECT MANAGER: **JRB** SHEET No:
DRAWN BY: **KRM** **ED.21A**
CHECKED BY: **SJL**

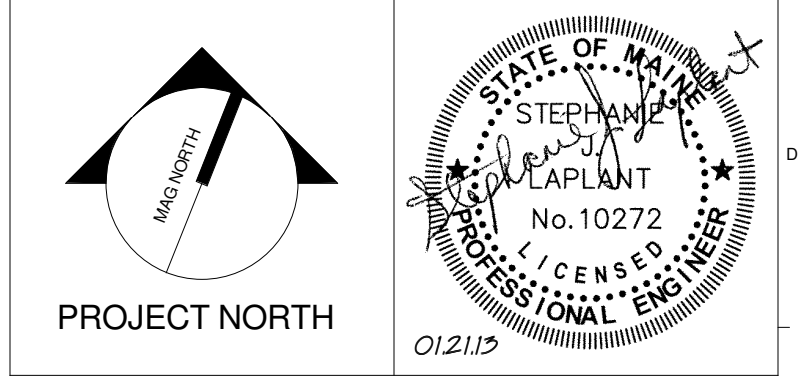
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TECHNICAL NOTES:
 ① LOW VOLTAGE LIGHTING SWITCH - CONNECTION TO EXISTING LIGHTING CONTROL SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL AXES 03 FOR MORE INFORMATION.



1	CONSTRUCTION DOCUMENTS	01-21-2013
0	NW ENTRY CONSTRUCTION DOCS	10-31-2012
REV.	DESCRIPTION	DATE
CONSTRUCTION DOCUMENTS		
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
 PROJECT: PORTLAND, ME
CONCOURSE LEVEL LIGHTING PLAN - QUAD A

SHEET TITLE	
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PROJECT No. 375700	GRAPHIC SCALE: 1" = 10'
SCALE: 1/8" = 1'-0"	
PROJECT MANAGER: JRB	SHEET No.
DRAWN BY: KRM	E1.21A
CHECKED BY: SJL	

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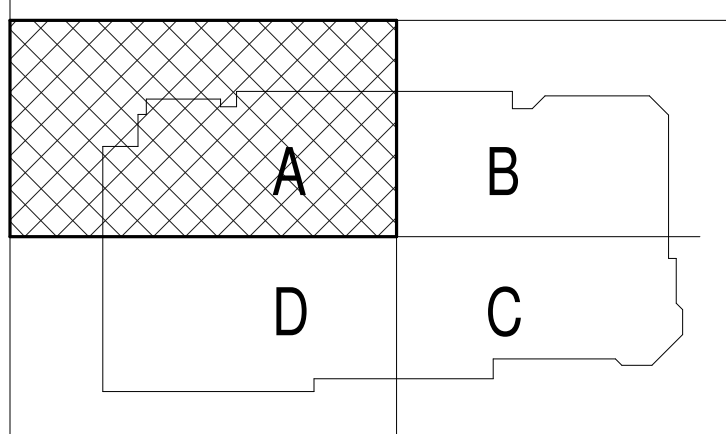
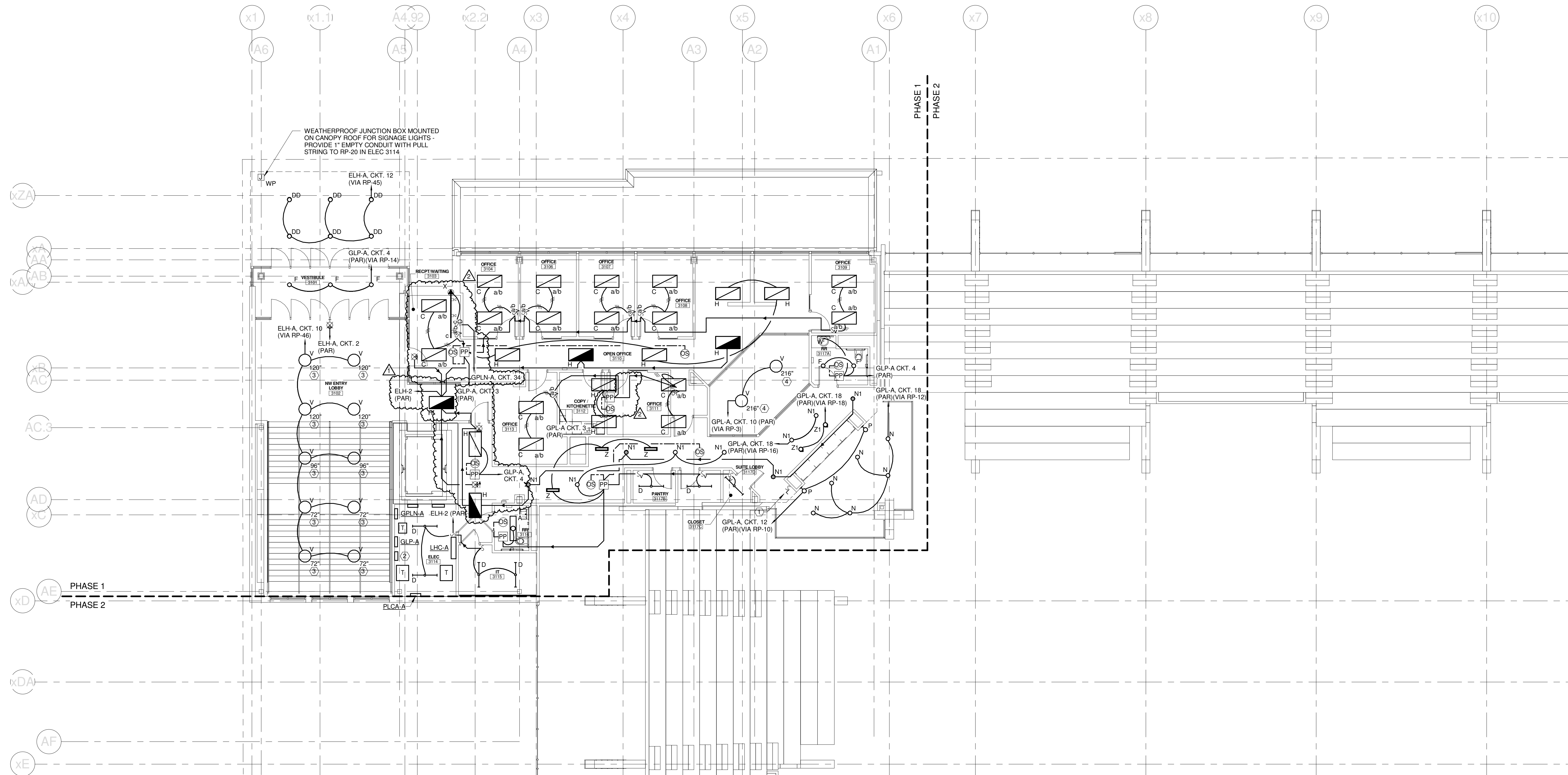
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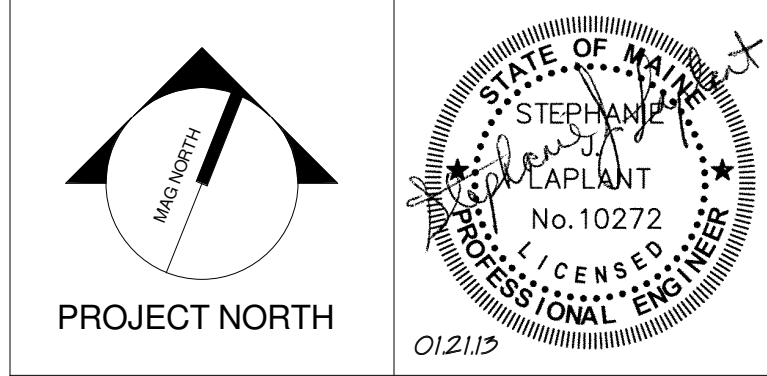
TECHNICAL NOTES:

- ① LOW VOLTAGE LIGHTING SWITCH - CONNECTION TO EXISTING LIGHTING CONTROL SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL A10E.03 FOR MORE INFORMATION.
- ② RELAY PANEL "RP" EQUAL TO ETC. SMARTSWITCH CATALOG #SS481P. REFER TO DETAIL A10E.03.
- ③ MOUNTING HEIGHT TO BOTTOM OF FIXTURE ABOVE ENTRY LOBBY LEVEL. THIS FIXTURE ONLY.
- ④ MOUNTING HEIGHT TO BOTTOM OF FIXTURE ABOVE CONCOURSE FLOOR LEVEL. THIS FIXTURE ONLY.



3	CONSTRUCTION DOCUMENTS	01-21-2013
2	SI #009	12-05-2012
1	SI #007	11-29-2012
0	NW ENTRY CONSTRUCTION DOCS	10-31-2012
REV.	DESCRIPTION	DATE

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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME

MID SUITES LEVEL LIGHTING PLAN - QUAD A

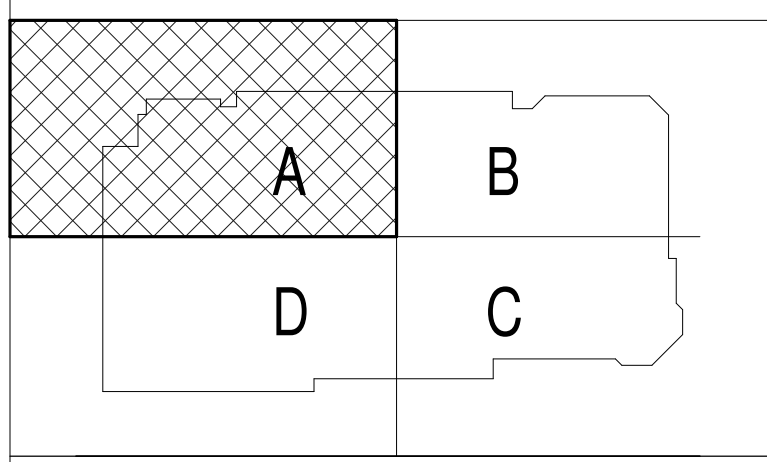
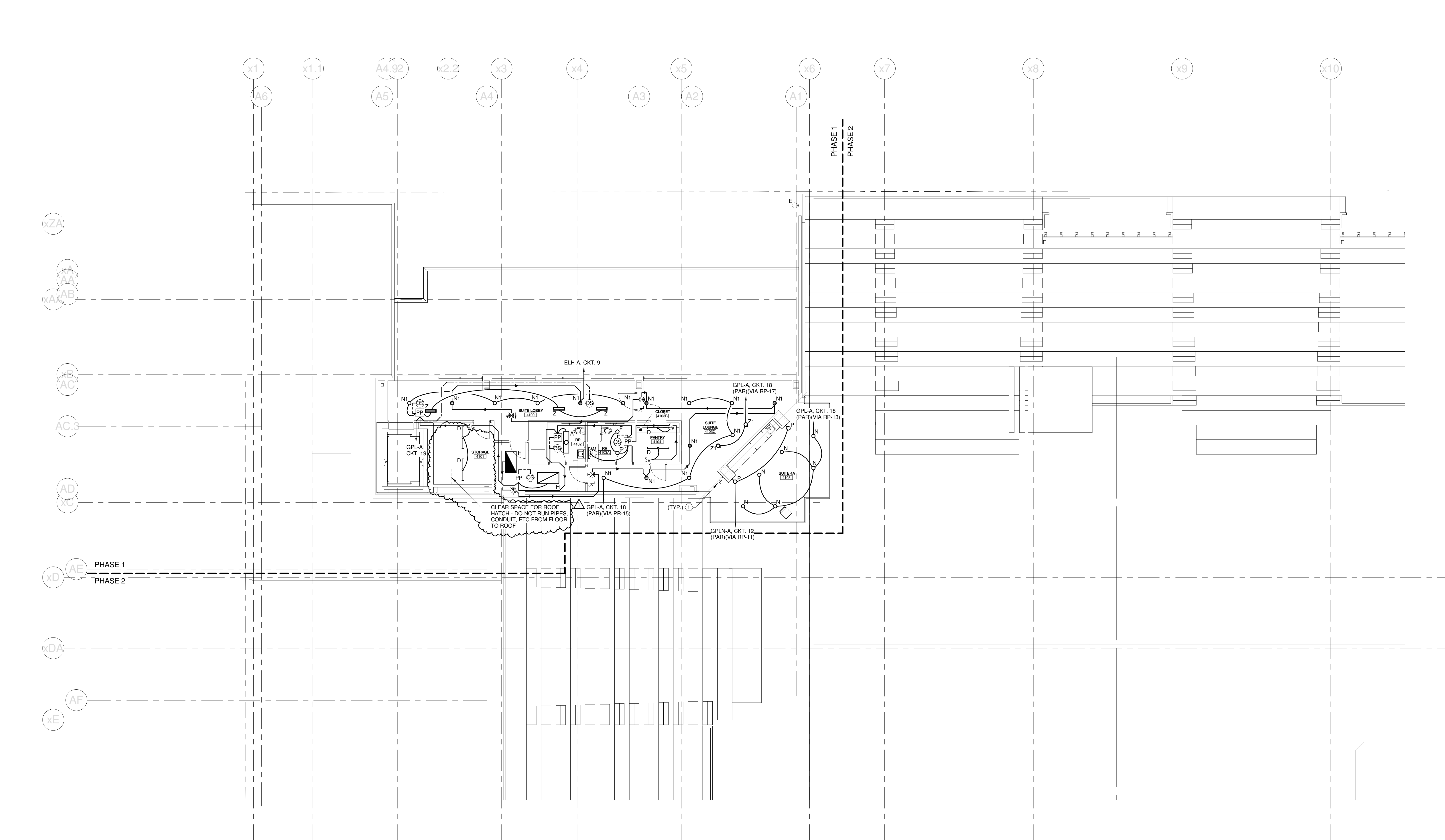
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SCALE: 1/8" = 1'-0"	
PROJECT MANAGER: JRB	SHEET No. E1.31A
DRAWN BY: KRM	
CHECKED BY: S.J.	

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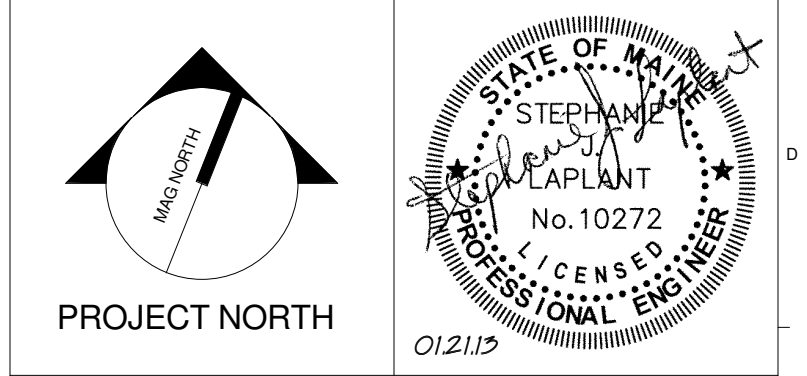
TECHNICAL NOTES:

① LOW VOLTAGE LIGHTING SWITCH - CONNECTION TO EXISTING LIGHTING CONTROL SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL ___E-502 FOR MORE INFORMATION.



2	CONSTRUCTION DOCUMENTS	01-21-2013
1	SI #010	12-06-2012
0	NW ENTRY CONSTRUCTION DOCS	10-31-2012
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PROJECT: PORTLAND, ME

UPPER SUITES LEVEL LIGHTING PLAN - QUAD A

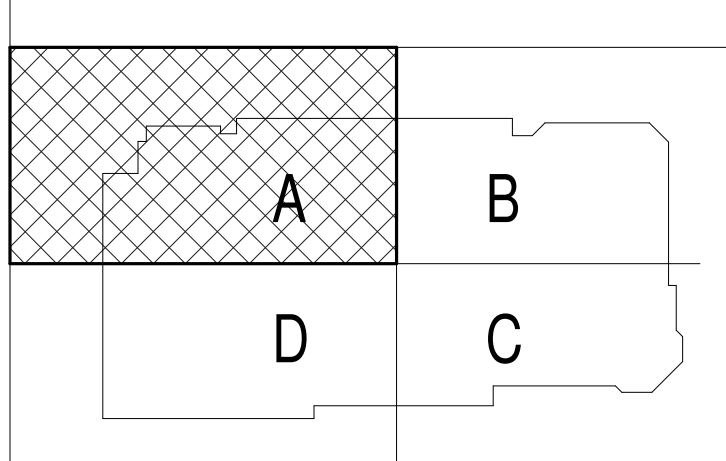
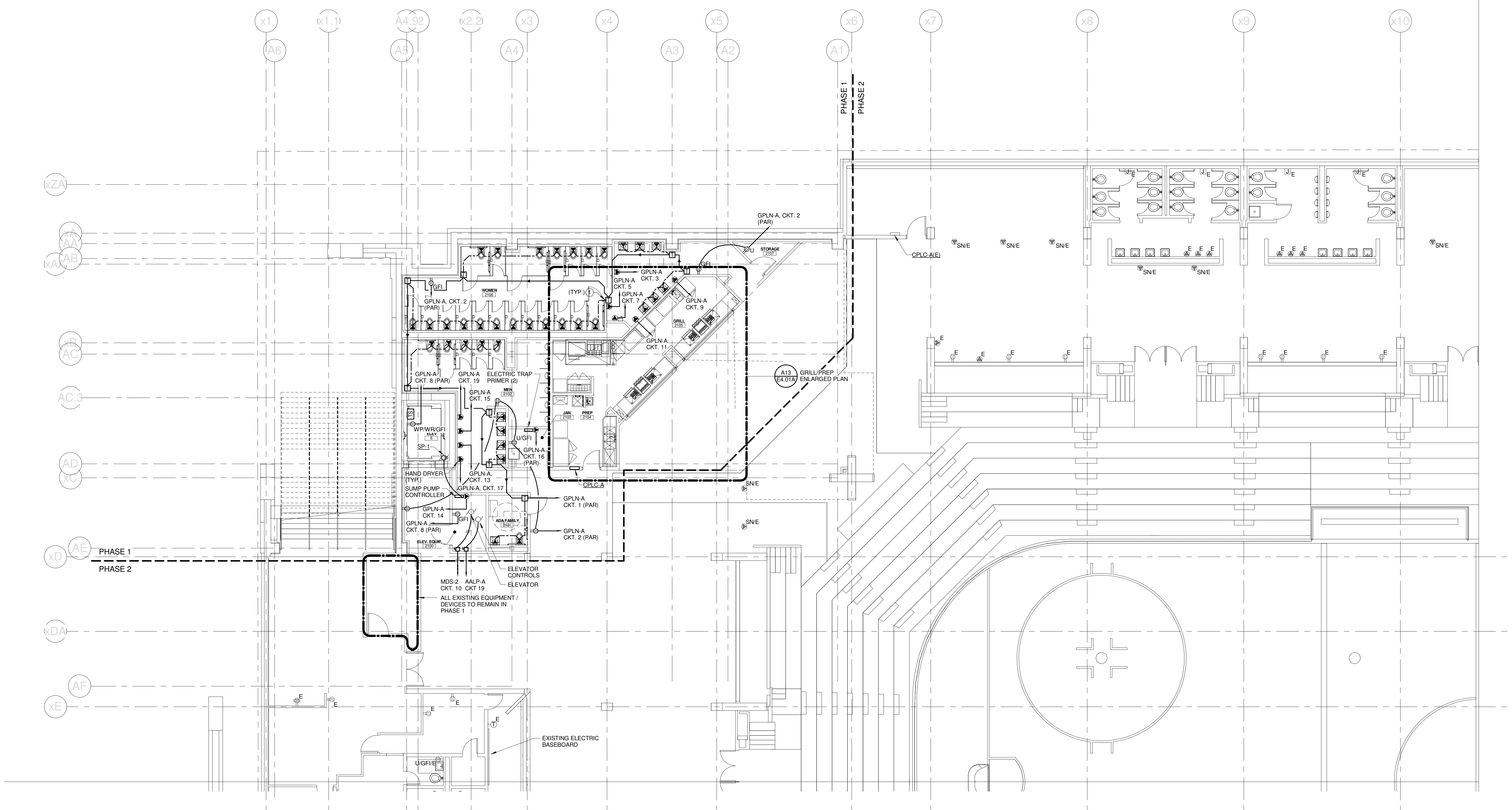
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CHECKED BY	SJL		

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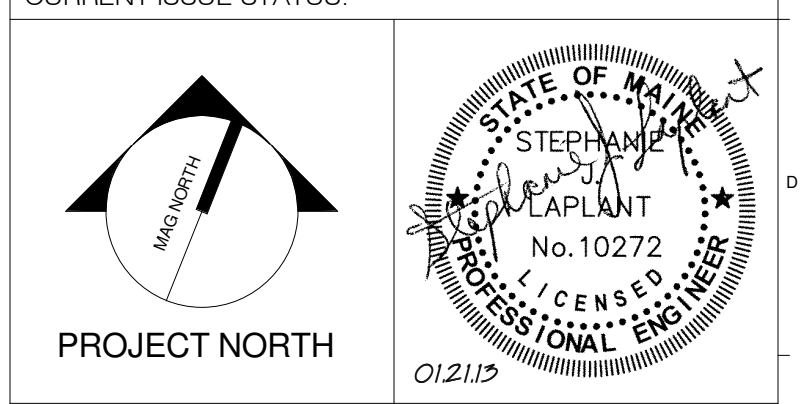
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TECHNICAL NOTES:

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1	CONSTRUCTION DOCUMENTS	01-21-2013
0	NW ENTRY CONSTRUCTION DOCS	10-31-2012
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
 PROJECT: PORTLAND, ME
CONCOURSE LEVEL POWER PLAN - QUAD A

SHEET TITLE	
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PROJECT No. 375700	GRAPHIC SCALE 1" = 10'
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PROJECT MANAGER: JRB	SHEET No.
DRAWN BY: KRM	E2.21A
CHECKED BY: S.JL	

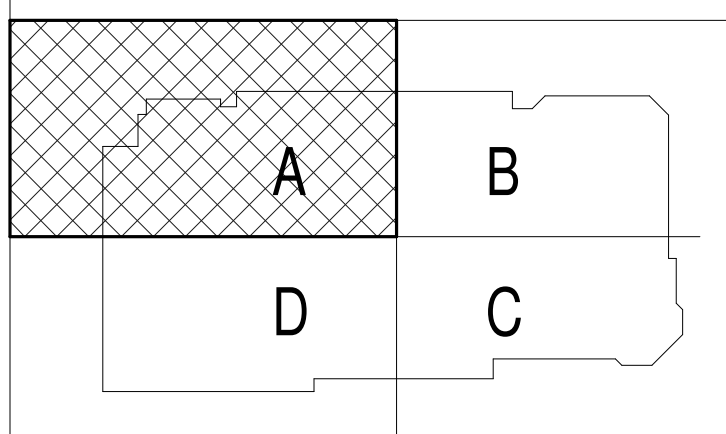
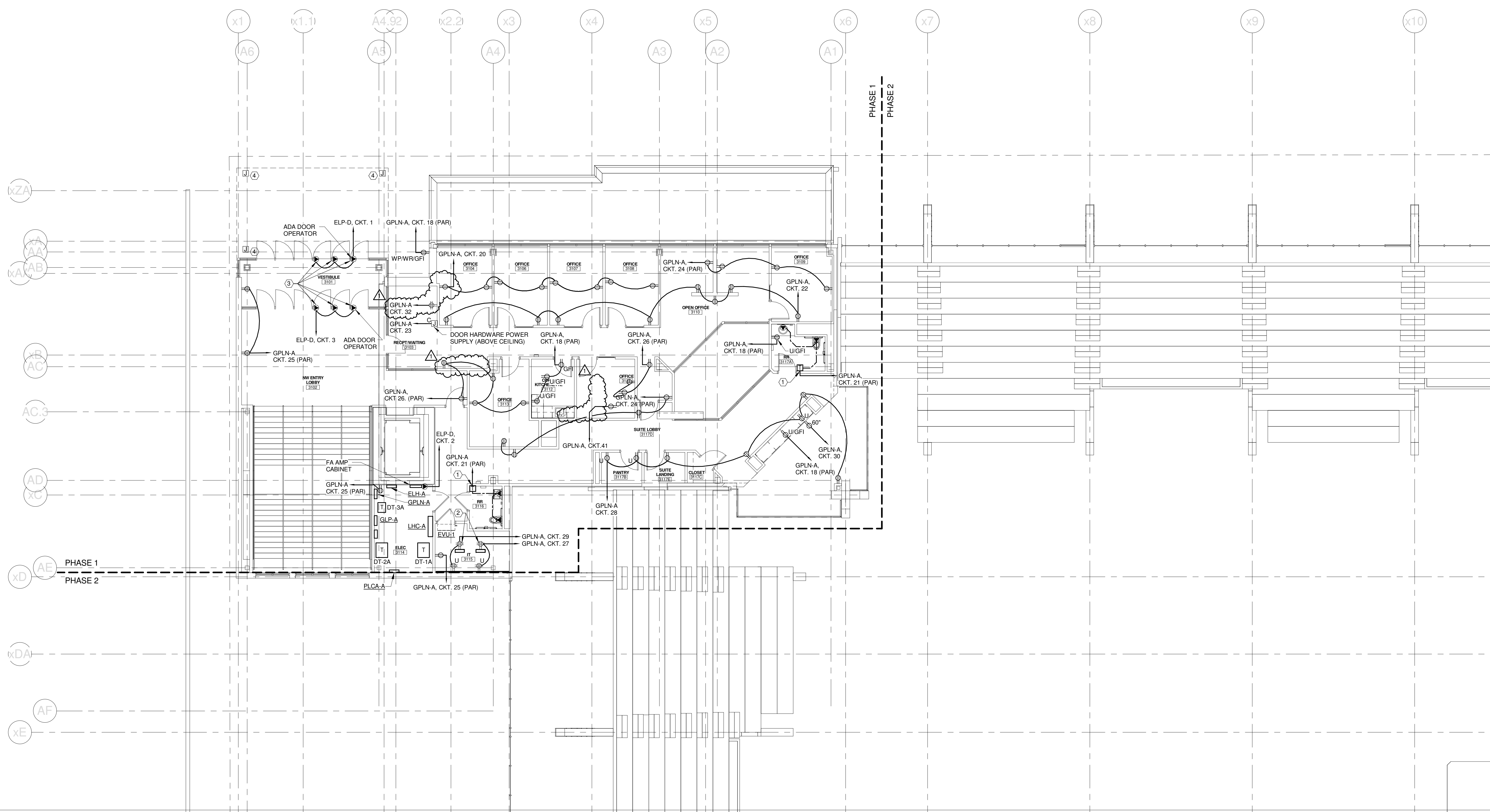
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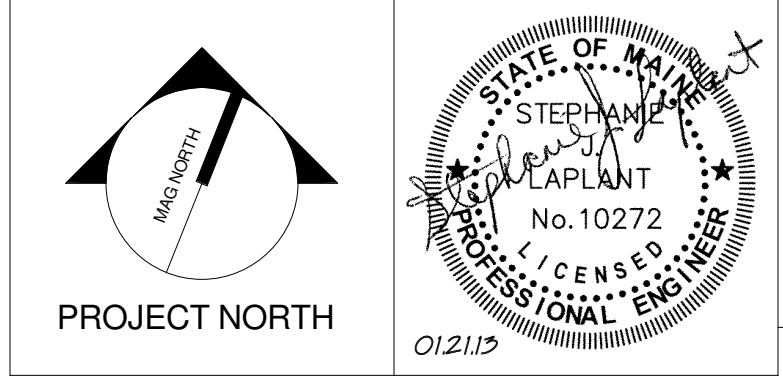
TECHNICAL NOTES:

- ① HANDS FREE DEVICE TRANSFORMER - TRANSFORMER & ASSOCIATED HANDS FREE DEVICES PROVIDED & INSTALLED BY DIV. 22. ALL ASSOCIATED WIRING ASSOCIATED WITH HANDS FREE SYSTEM BY DIV. 26. REFER TO DETAIL M11ES.02 FOR MORE INFORMATION. TRANSFORMER SHALL BE MOUNTED ABOVE NEAREST ACCESSIBLE CEILING.
- ② MOUNT ON THE BACK SIDE OF RACK @ 60°.
- ③ ELECTRICALLY ACTUATED DOOR TO OPEN UPON ACTIVATION OF SMOKE CONTROL SYSTEM.
- ④ JUNCTION BOX ABOVE CANOPY CEILING WITH 1" EMPTY CONDUIT AND PULL STRING TO ELEC 3114 FOR POWER FOR FUTURE OS/IS RIBBON BOARDS.



2	CONSTRUCTION DOCUMENTS	01-21-2013
1	SI #009	12-05-2012
0	NW ENTRY CONSTRUCTION DOCS	10-31-2012
REV.	DESCRIPTION	DATE

CONSTRUCTION DOCUMENTS
 01-21-2013
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
MID SUITES LEVEL POWER PLAN - QUAD A

SHEET TITLE	
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PROJECT No. 375700	GRAPHIC SCALE: 1" = 1'-0"
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CHECKED BY: SJL	

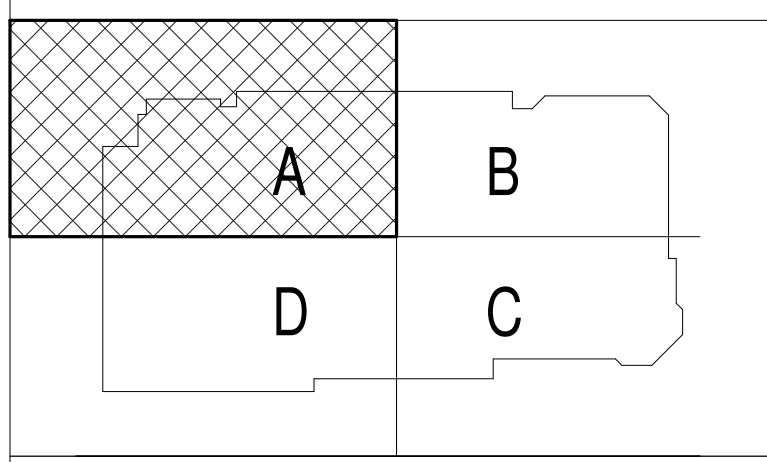
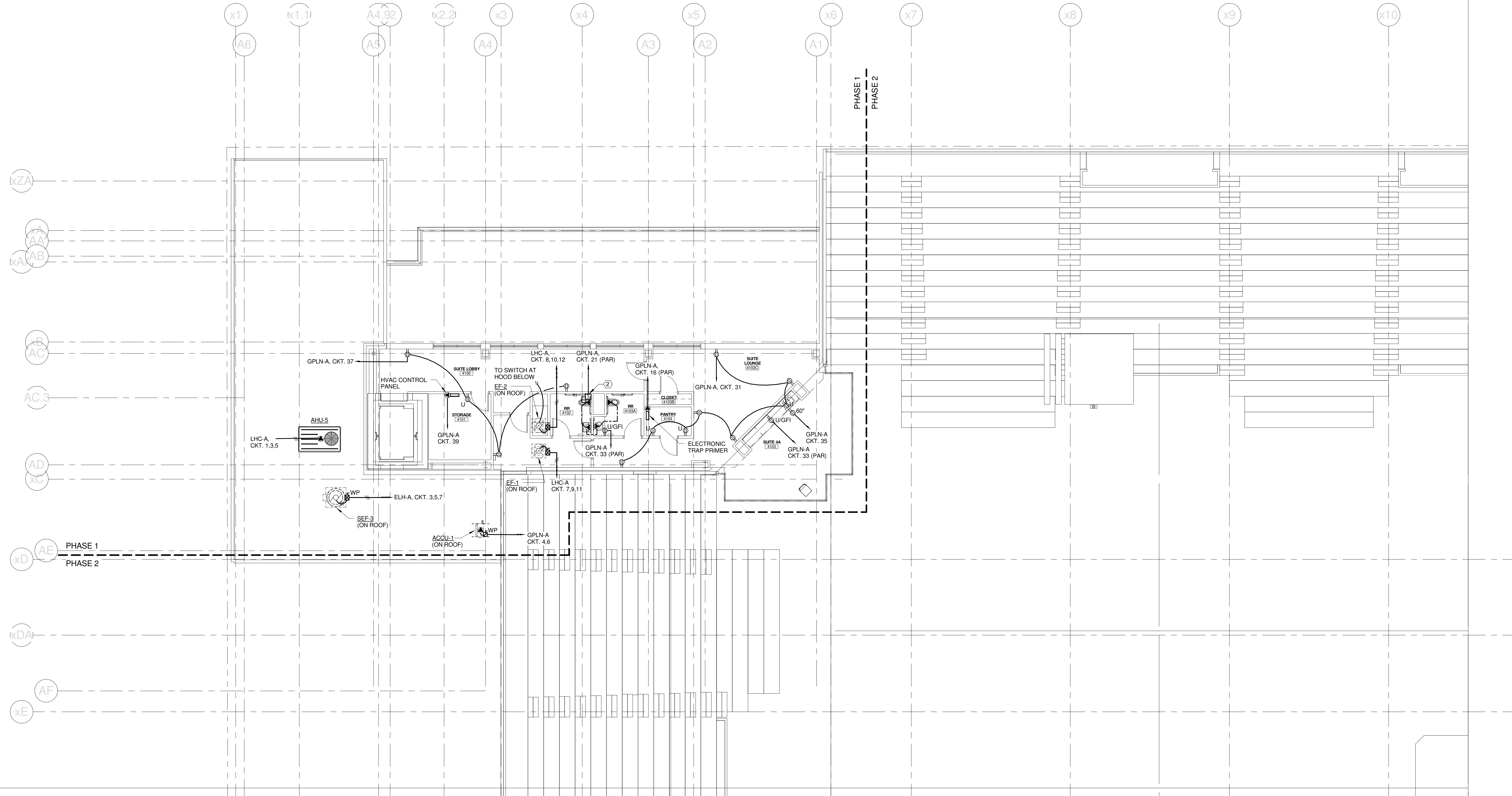
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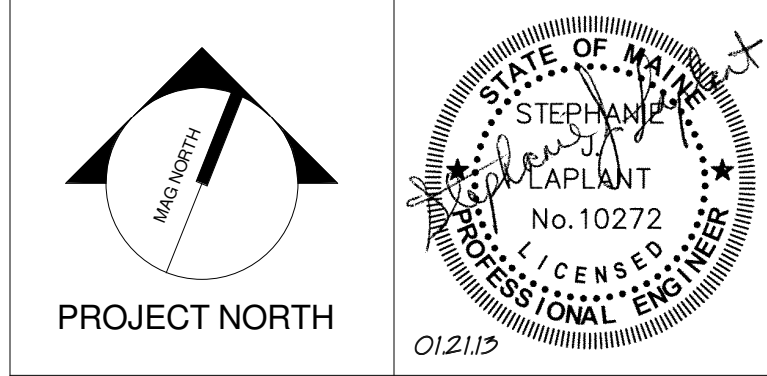
TECHNICAL NOTES:

- ① MOUNT ON ROOFTOP EQUIPMENT CURB.
- ② HANDS FREE DEVICE TRANSFORMER - TRANSFORMER & ASSOCIATED HANDS FREE DEVICES PROVIDED & INSTALLED BY DIV. 22. ALL ASSOCIATED WIRING ASSOCIATED WITH HANDS FREE SYSTEM BY DIV. 28. REFER TO DETAIL M17IES.02 FOR MORE INFORMATION. TRANSFORMER SHALL BE MOUNTED ABOVE NEAREST ACCESSIBLE CEILING.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME

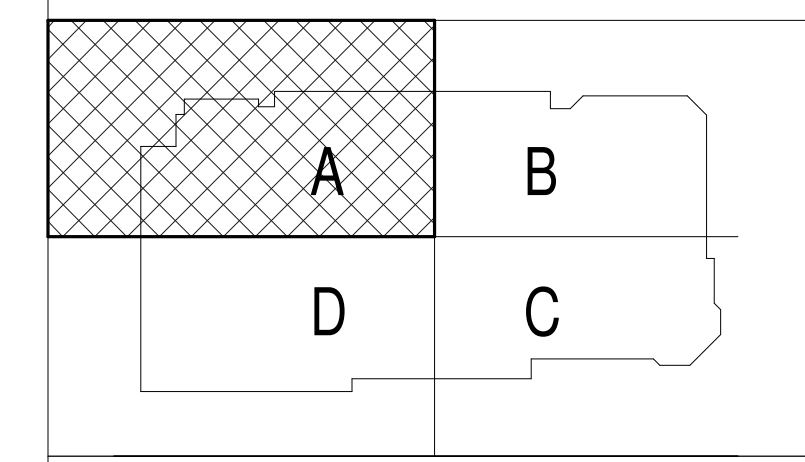
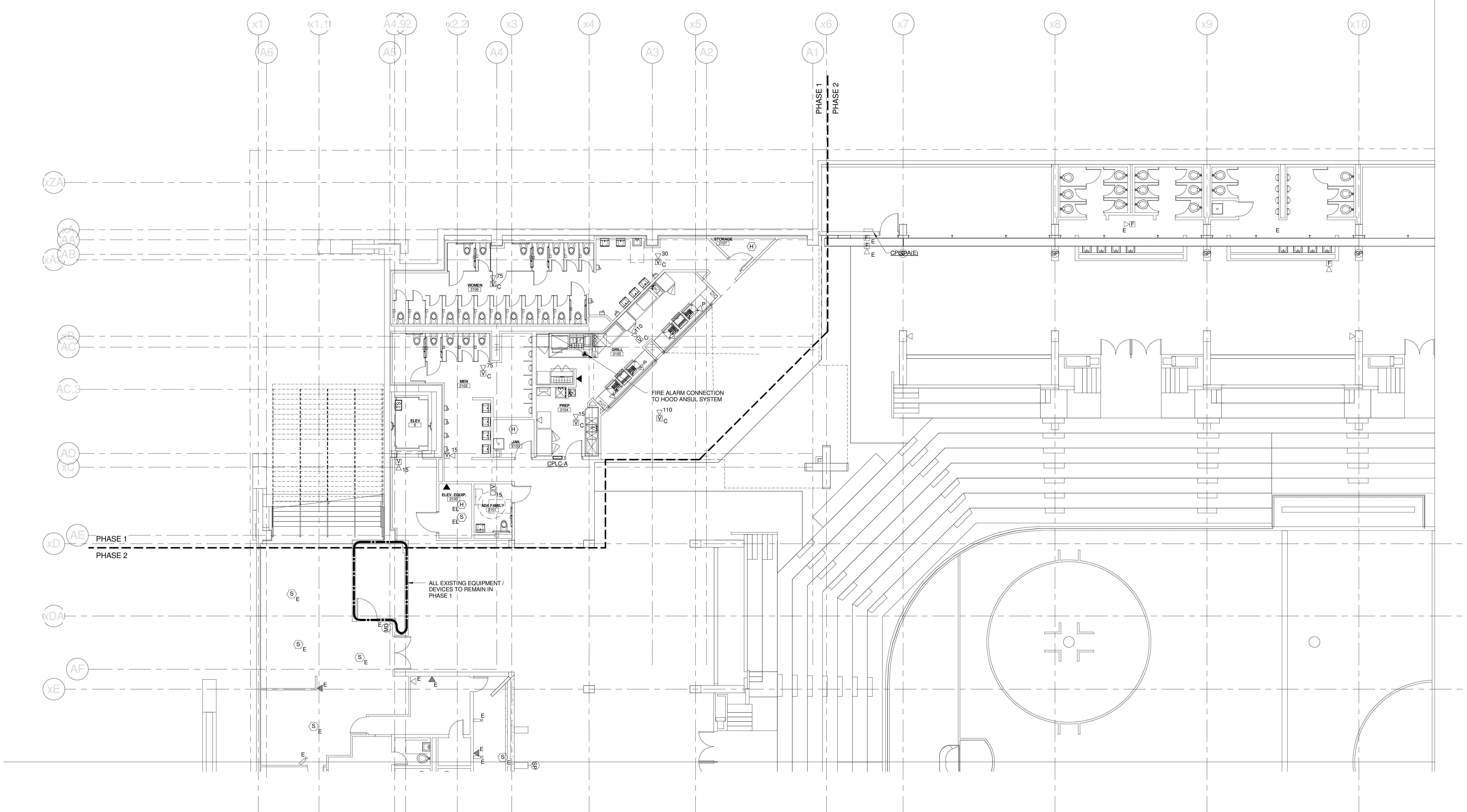
**UPPER SUITES LEVEL
POWER PLAN - QUAD A**

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PROJECT No. 375700	SCALE: 1/8" = 1'-0"
PROJECT MANAGER: JRB	SHEET No. E2.41A
DRAWN BY: KRM	CHECKED BY: S.J.L.

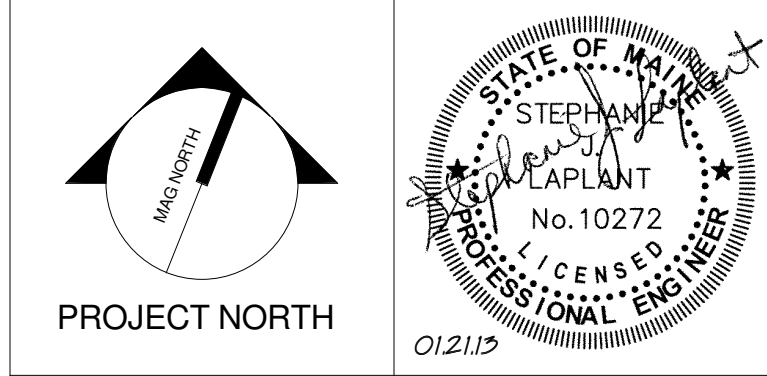
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PROJECT: PORTLAND, ME
CONCOURSE LEVEL SYSTEMS PLAN - QUAD A

SHEET TITLE	
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PROJECT No. 375700	GRAPHIC SCALE: 1" = 10'
SCALE: 1/8" = 1'-0"	
PROJECT MANAGER: JRB	SHEET No.
DRAWN BY: KRM	E3.21A
CHECKED BY: SJL	

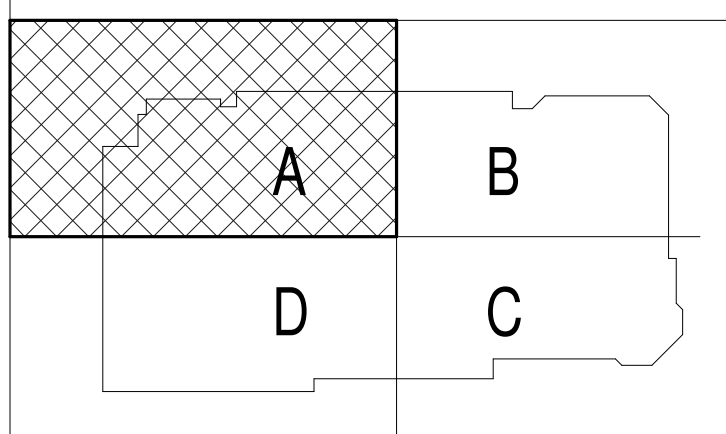
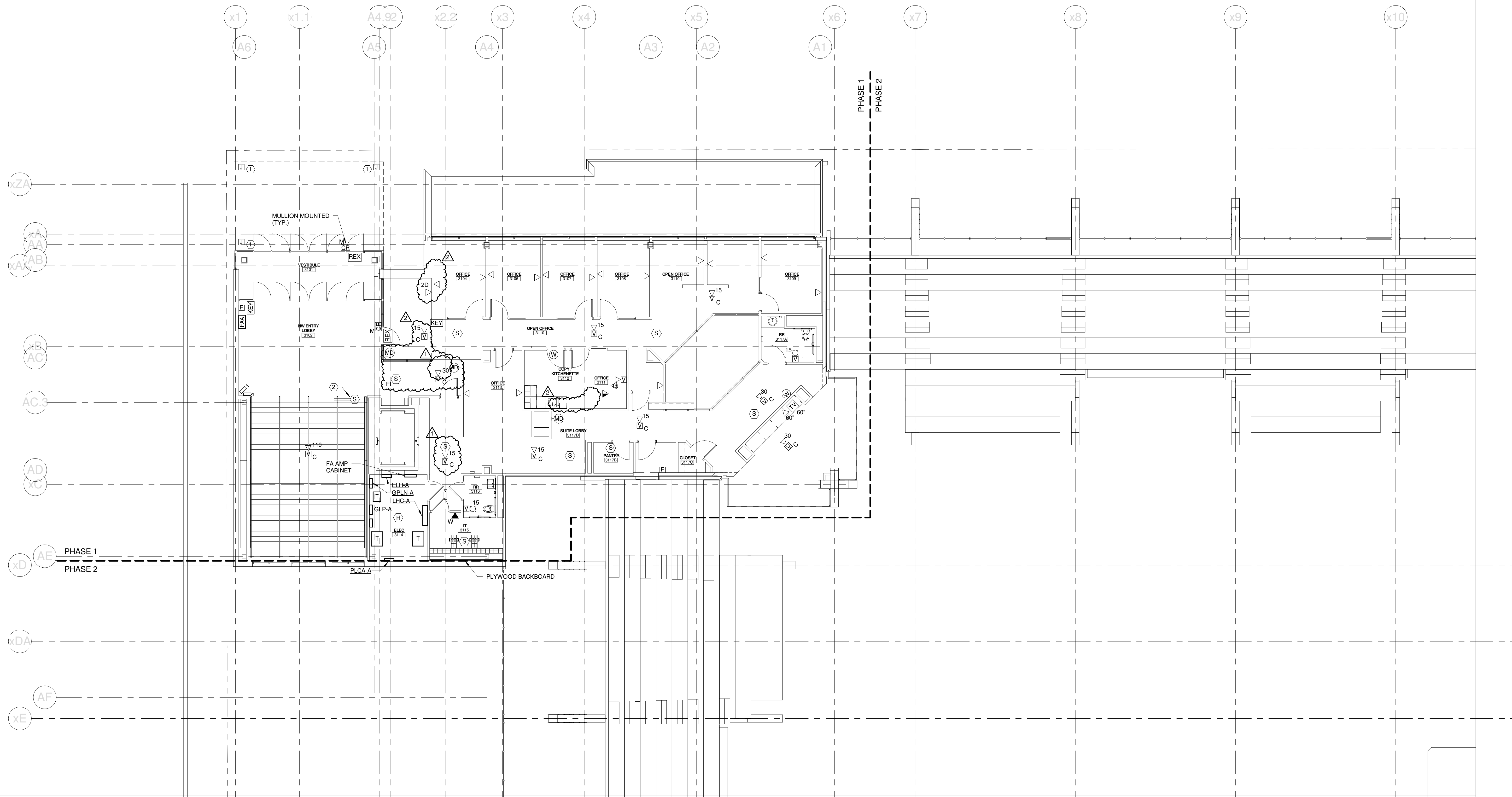
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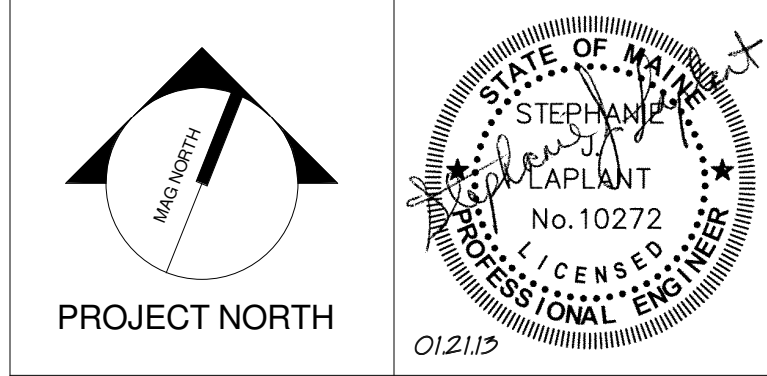
TECHNICAL NOTES:

- ① JUNCTION BOX ABOVE CANOPY CEILING WITH 2" EMPTY CONDUIT & PULL STRING TO IT 3115 FOR COMMUNICATIONS / CONTROL FOR FUTURE OSC/1 RIBBON BOARDS.
- ② DUCT MOUNTED SMOKE DETECTOR PROVIDED BY DIV. 28. INSTALLED BY DIV. 23 & CONNECTED TO THE FIRE ALARM SYSTEM BY DIV. 28. OBTAIN 120V POWER FROM NEARBY RECEPTACLE CIRCUIT.



3	CONSTRUCTION DOCUMENTS	01-21-2013
2	SI #009	12-05-2012
1	SI #007	11-29-2012
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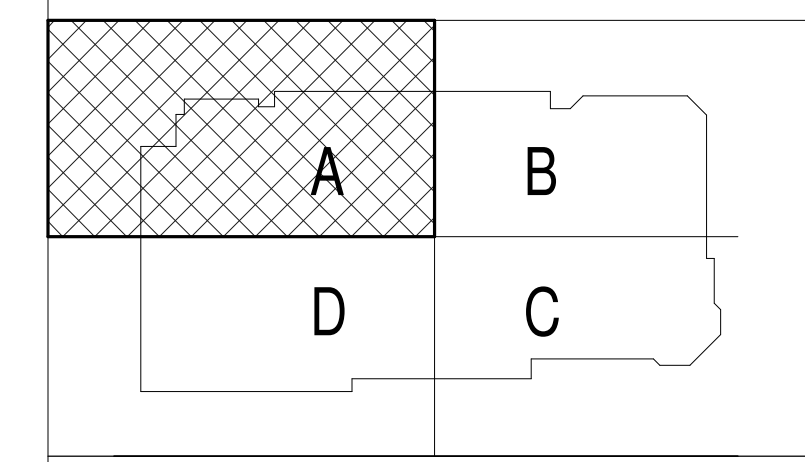
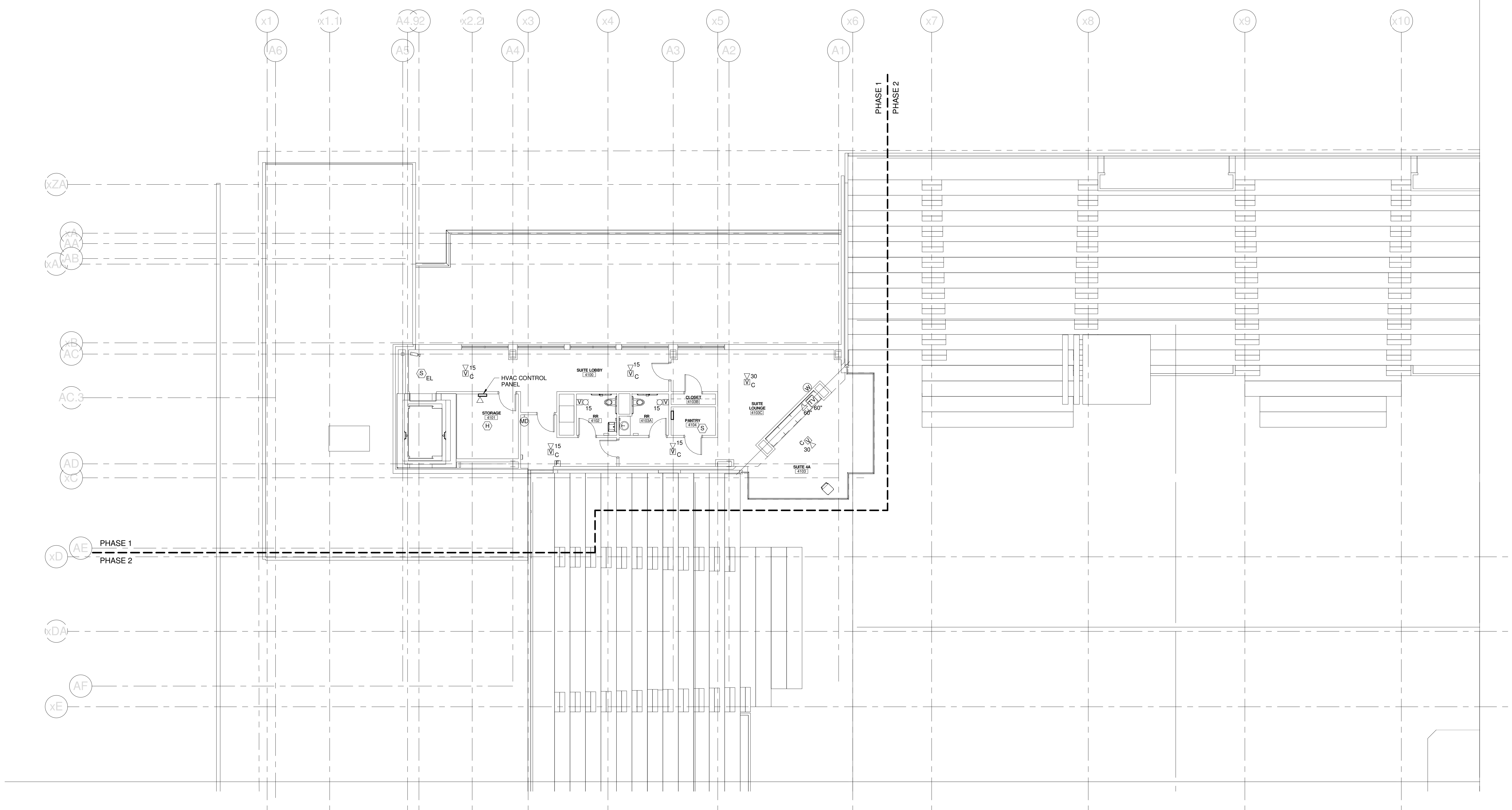
PROJECT: PORTLAND, ME
MID SUITES LEVEL SYSTEMS PLAN - QUAD A

SHEET TITLE	
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PROJECT No. 375700	GRAPHIC SCALE: 1" = 10'
SCALE: 1/8" = 1'-0"	
PROJECT MANAGER: JRB	SHEET No. E3.31A
DRAWN BY: KRM	
CHECKED BY: S.J.	

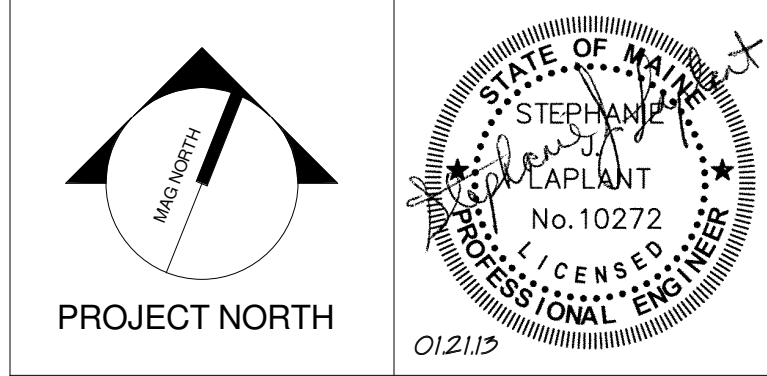
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PROJECT: PORTLAND, ME

UPPER SUITES LEVEL SYSTEMS PLAN - QUAD A

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DRAWN BY: KRM	
CHECKED BY: S.J.	

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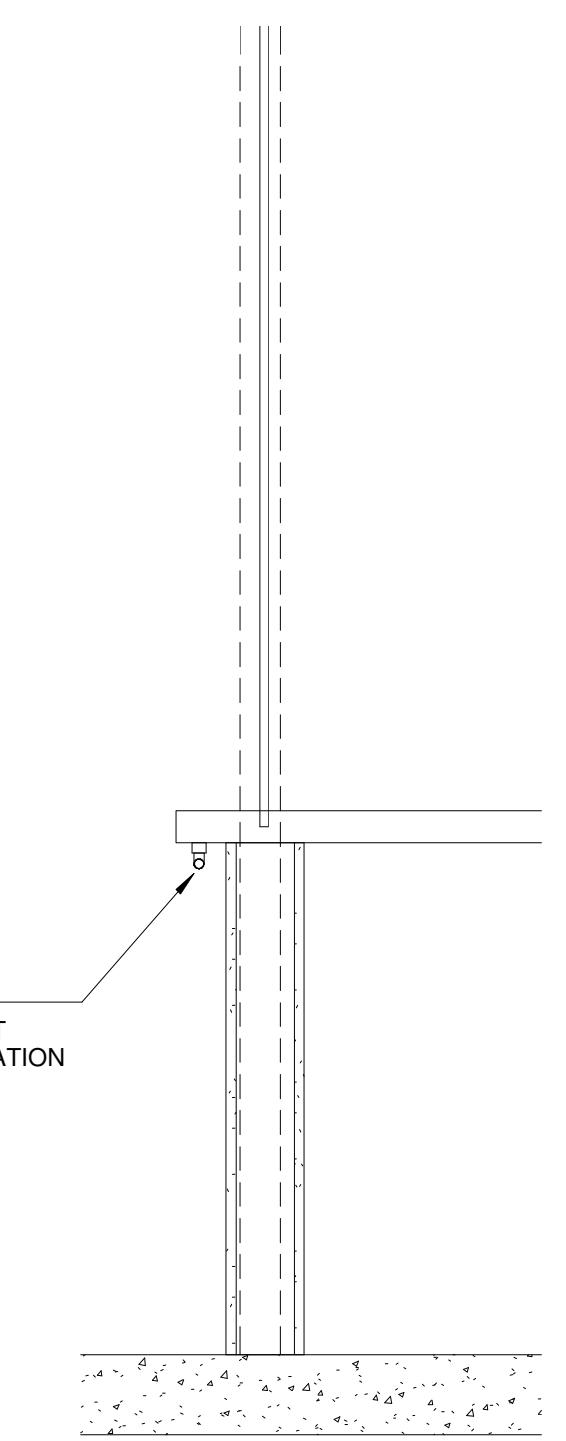
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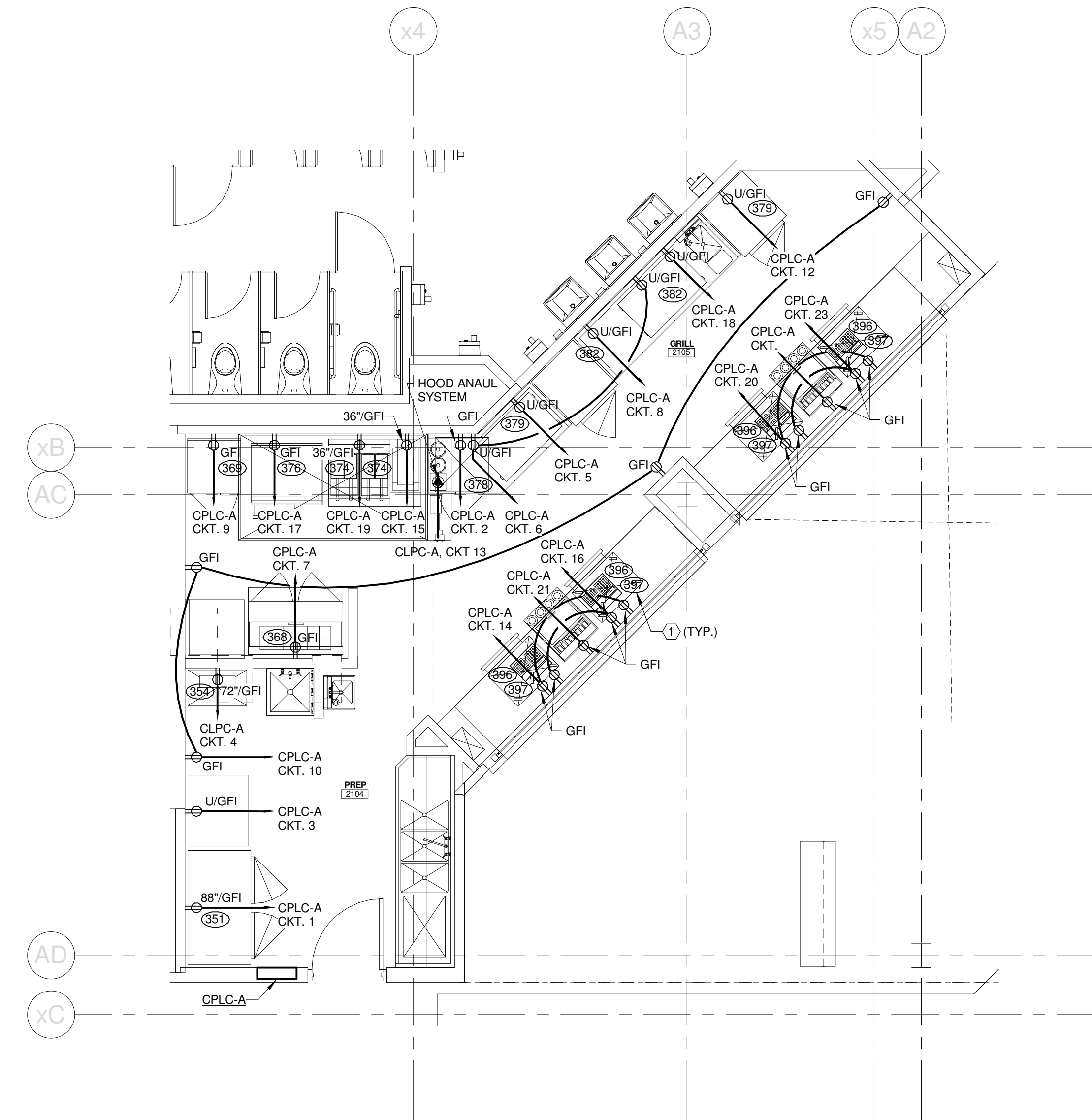
TECHNICAL NOTES:

- ① FOOD SERVICE EQUIPMENT ITEM NUMBER - REFER TO FOOD SERVICE SHEETS FOR ADDITIONAL INFORMATION.
- ② TO FIRE ALARM SYSTEM - PROVIDE ALL INTER-CONNECTIONS AS REQUIRED BY CODE.

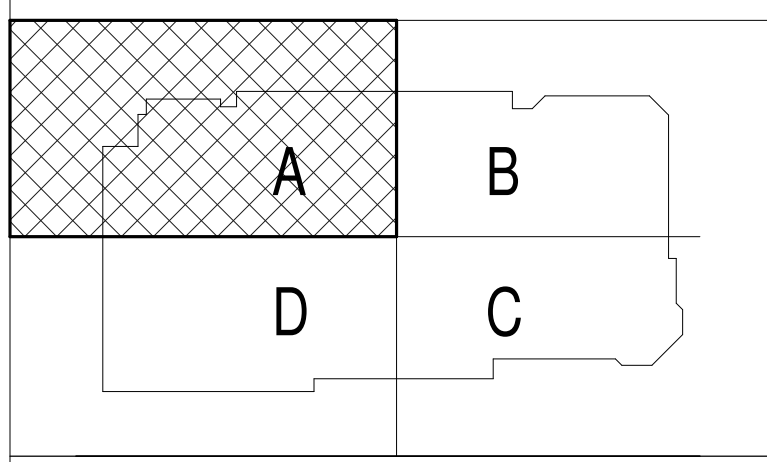
TYPE "Y" UNDERCOUNTER
FIXTURE - REFER TO SHEET
E1.21A FOR MORE INFORMATION



J10 UNDER COUNTER LIGHTING SECTION
1" = 1'-0"

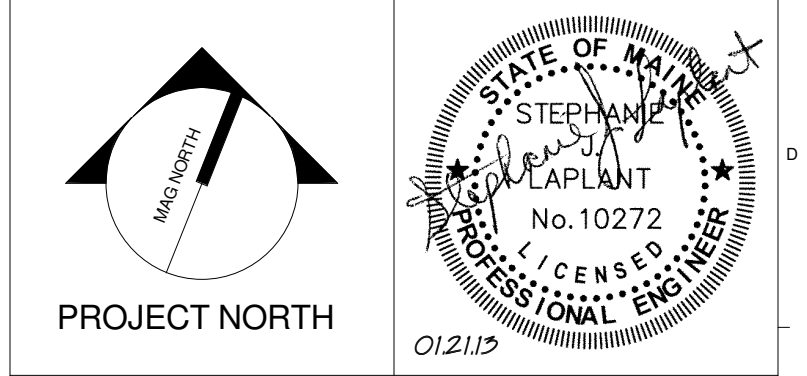


A13 PREP 2104 / GRILL 2105
1/4" = 1'-0"



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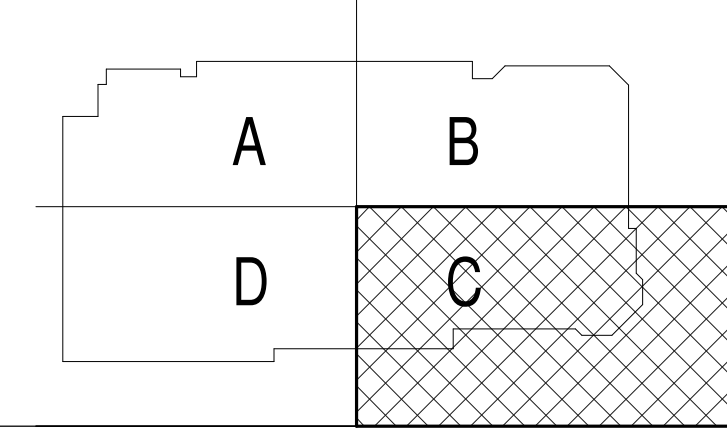
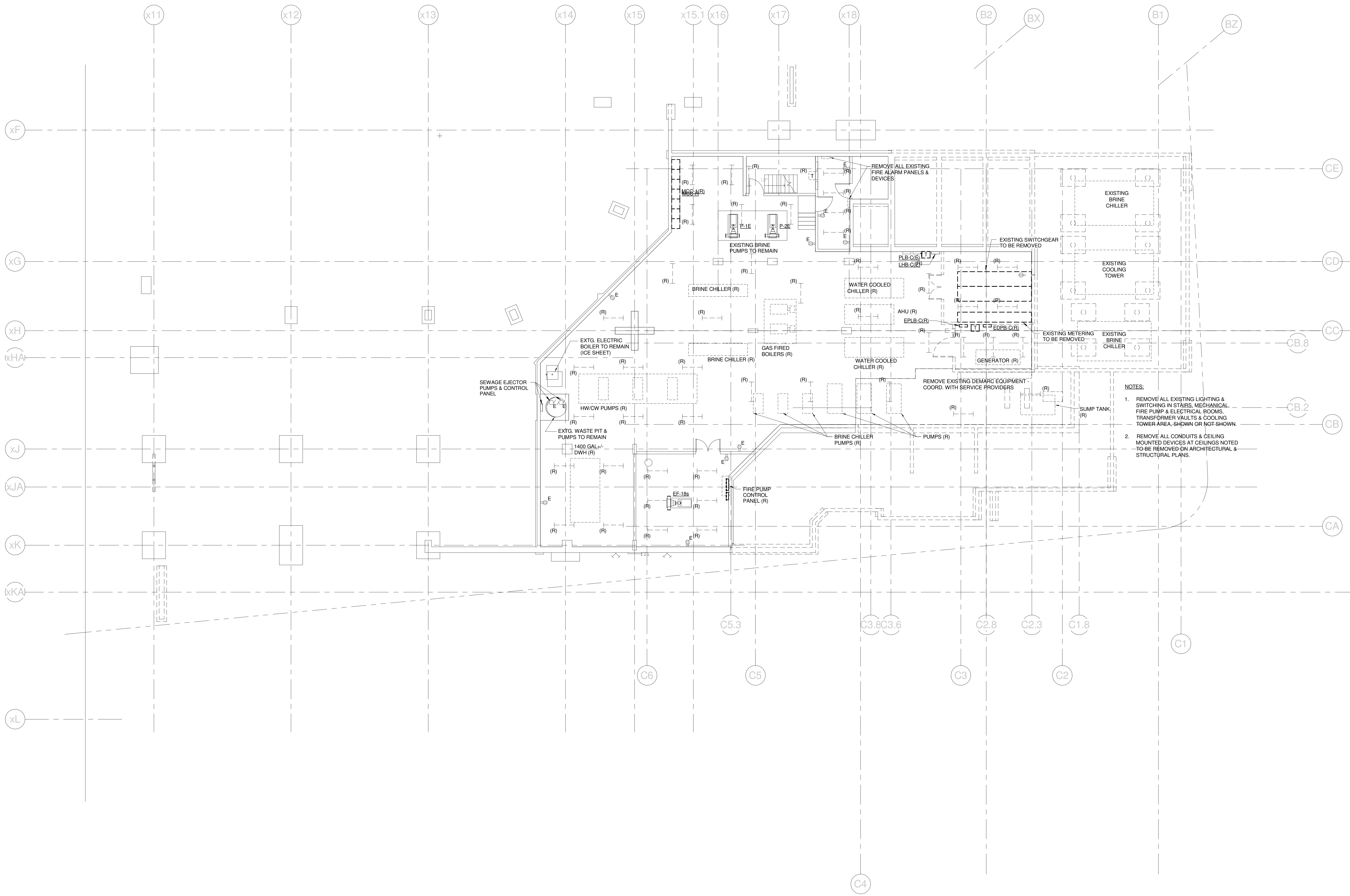
PROJECT: PORTLAND, ME
ENLARGED ELECTRICAL PLANS

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SCALE: As indicated	
PROJECT MANAGER: JRB	SHEET No. E4.01A
DRAWN BY: KRM	
CHECKED BY: SJL	

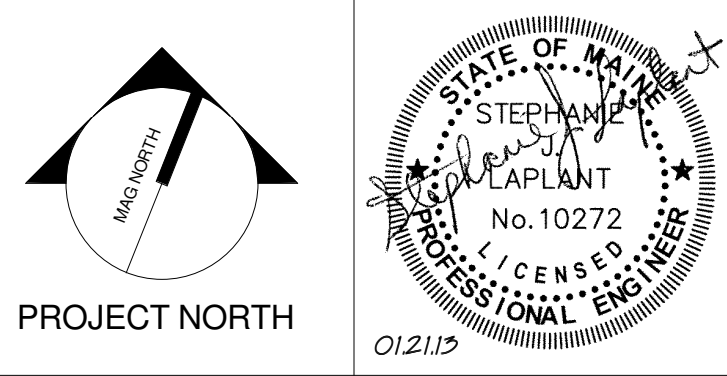
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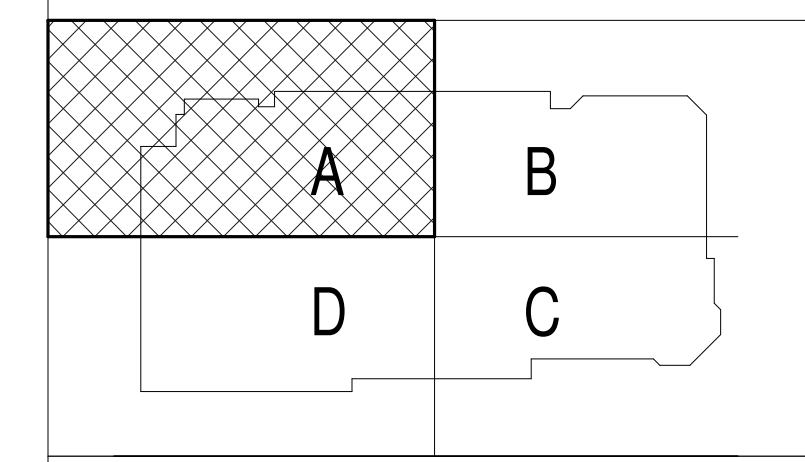
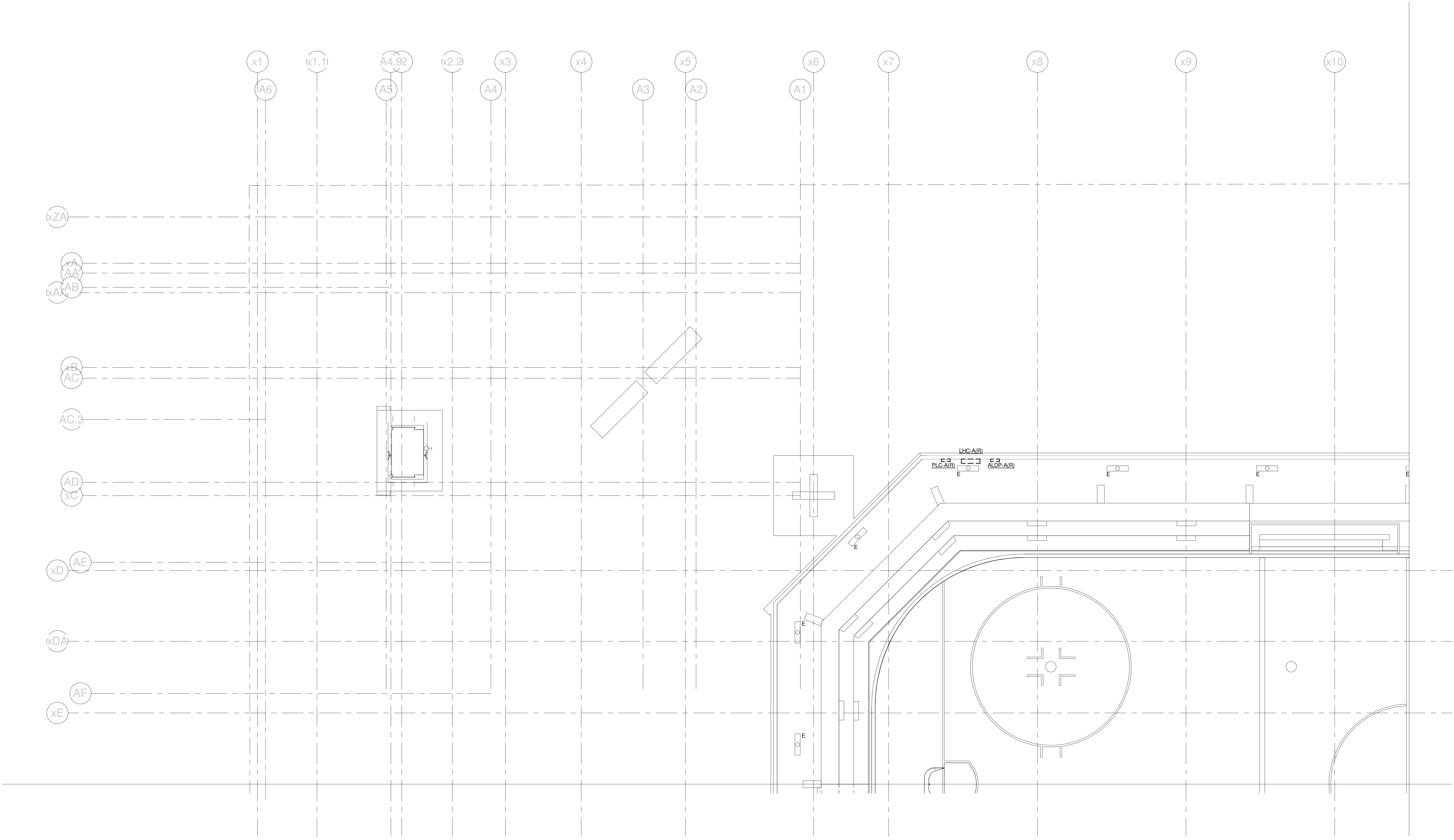
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
MECHANICAL LEVEL ELECTRICAL DEMO PLAN

WBRC CAD FILE:	C:\Users\jmlahar\Documents\375700 - CCCC Electrical_1\jmlahar.rvt
PROJECT No.	375700
SCALE	1/8" = 1'-0"
PROJECT MANAGER	JRB
DRAWN BY	KRM
CHECKED BY	SJL
SHEET No.	ED.03B

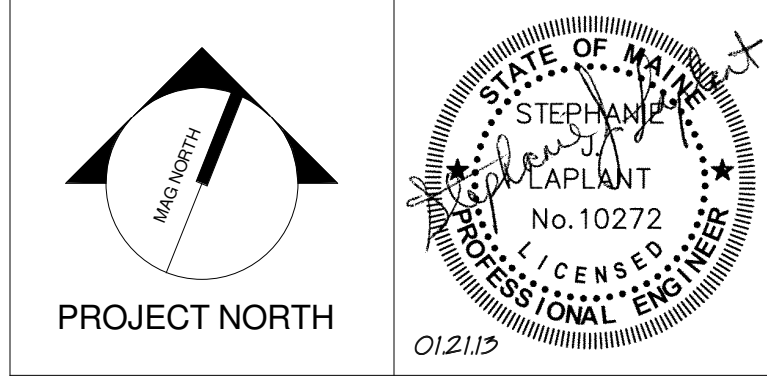
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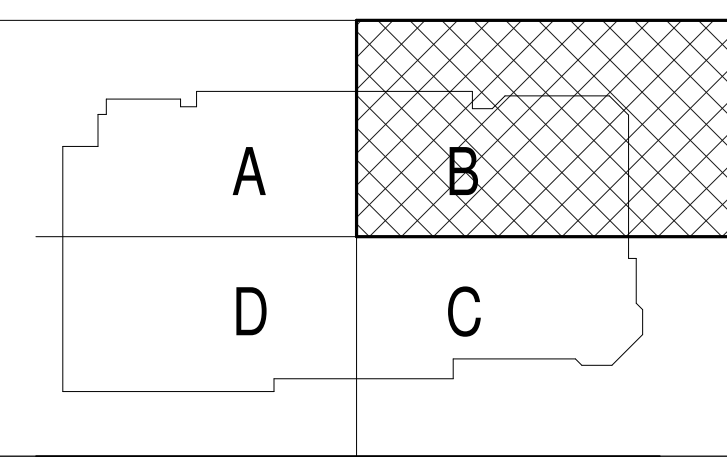
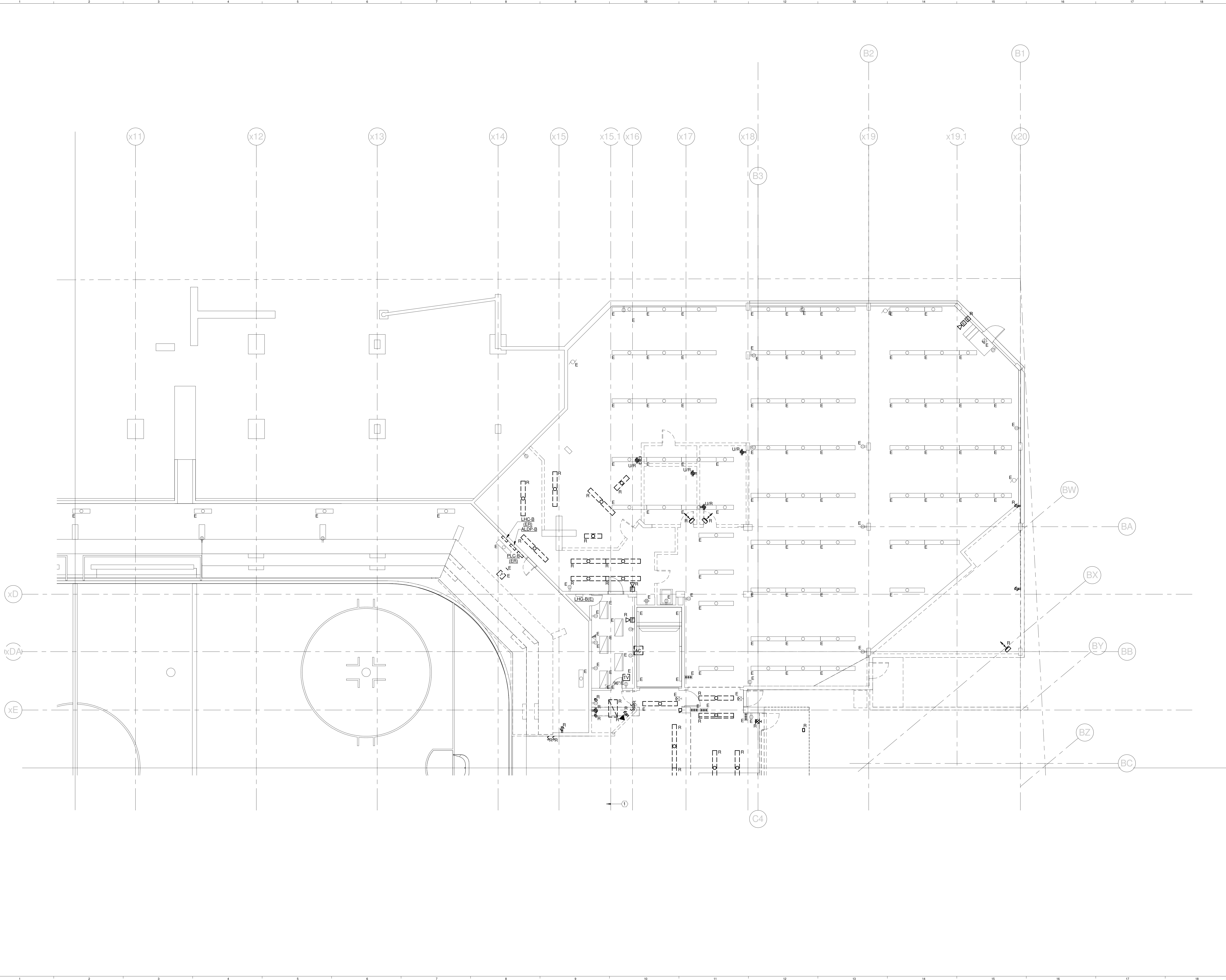
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
EVENT LEVEL DEMO PLAN - QUAD A

PROJECT No.	375700	GRAPHIC SCALE	1" = 1'
SCALE	1/8" = 1'-0"		
PROJECT MANAGER	JRB	SHEET No.	ED.11B
DRAWN BY	KRM		
CHECKED BY	SJL		

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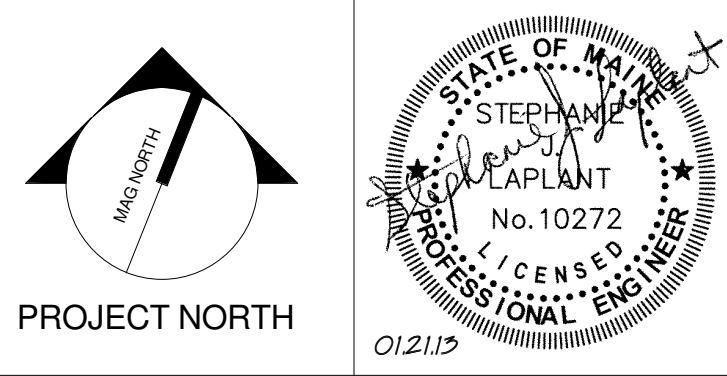
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
EVENT LEVEL DEMO PLAN - QUAD B

WBRC CAD FILE: C:\Users\jaye.mahar\Documents\375700 - CCCC Electrical_1\jaye.mahar.rvt	GRAPHIC SCALE: 1" = 1'
PROJECT No. 375700	SCALE: 1/8" = 1'-0"
PROJECT MANAGER: JRB	SHEET No. ED.12B
DRAWN BY: KRM	
CHECKED BY: S.J.	

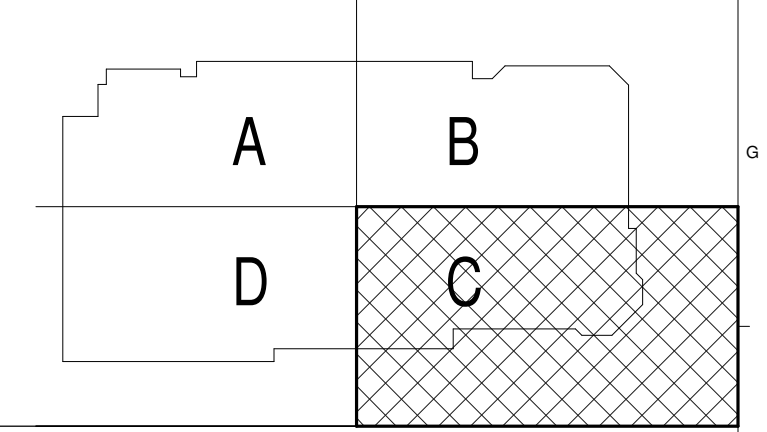
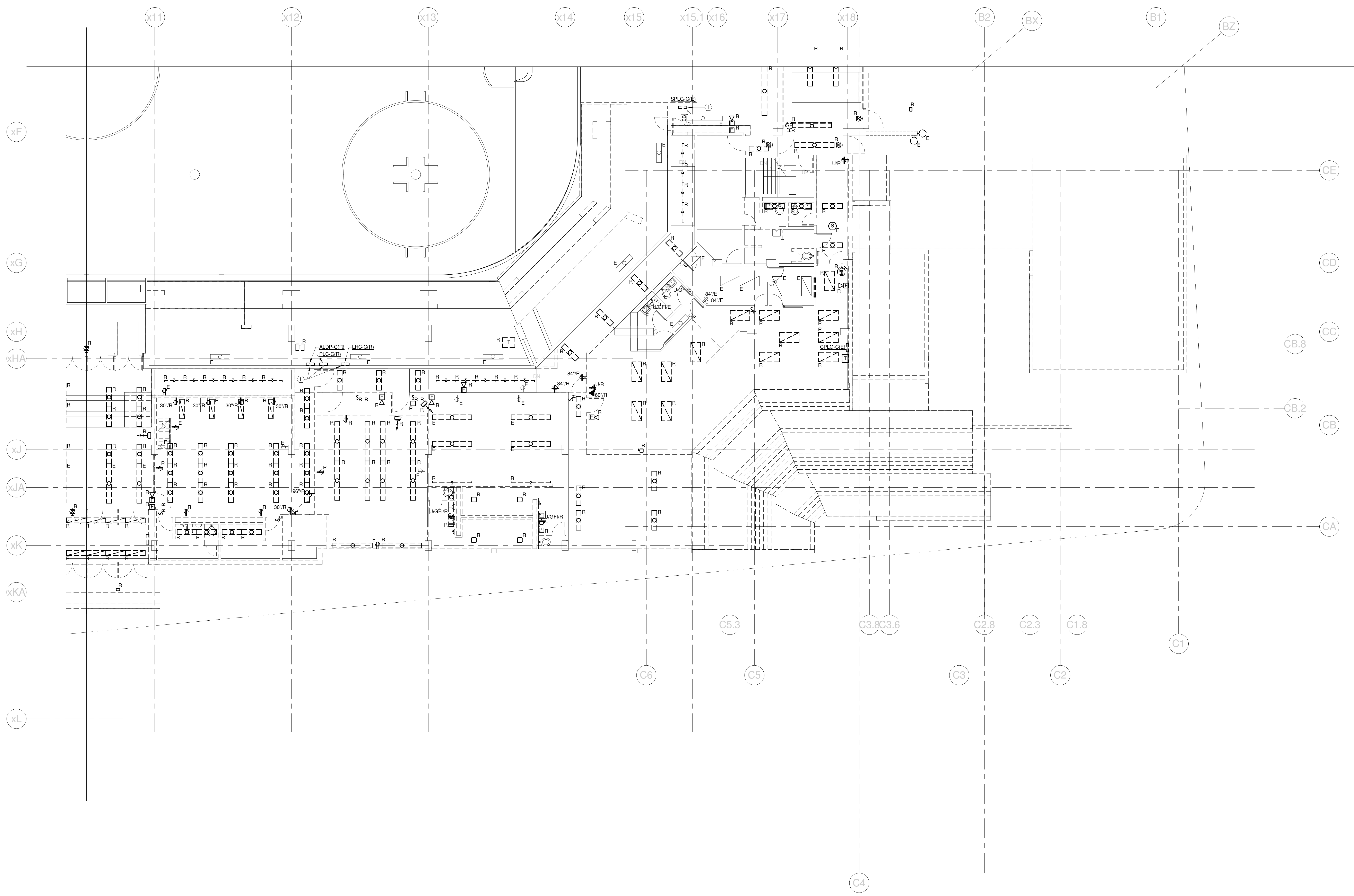
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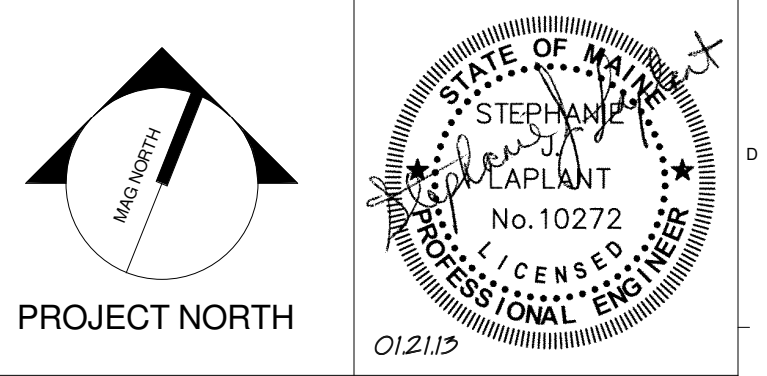
TECHNICAL NOTES:

- ① RELOCATE EXISTING 1P30 CIRCUIT TO NEW PANEL
PLC-C.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
EVENT LEVEL DEMO PLAN - QUAD C

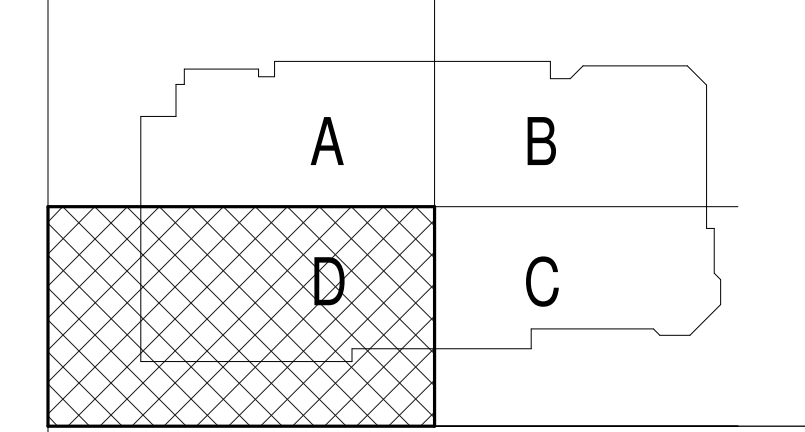
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DRAWN BY	KRM		
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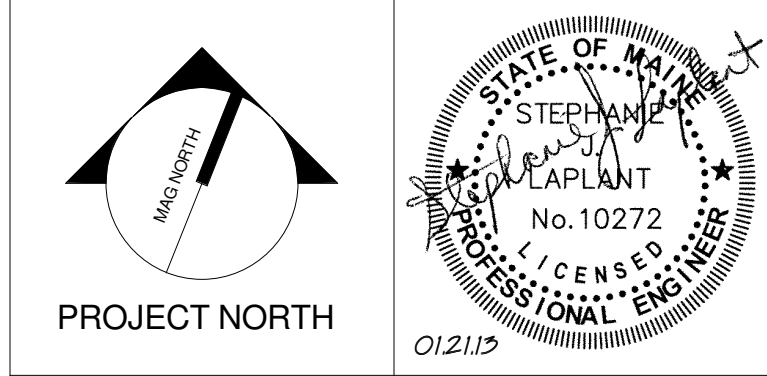


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PROJECT: PORTLAND, ME

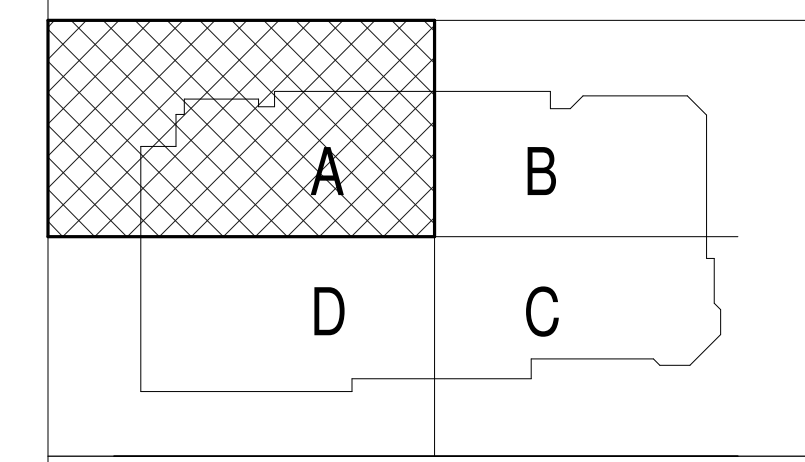
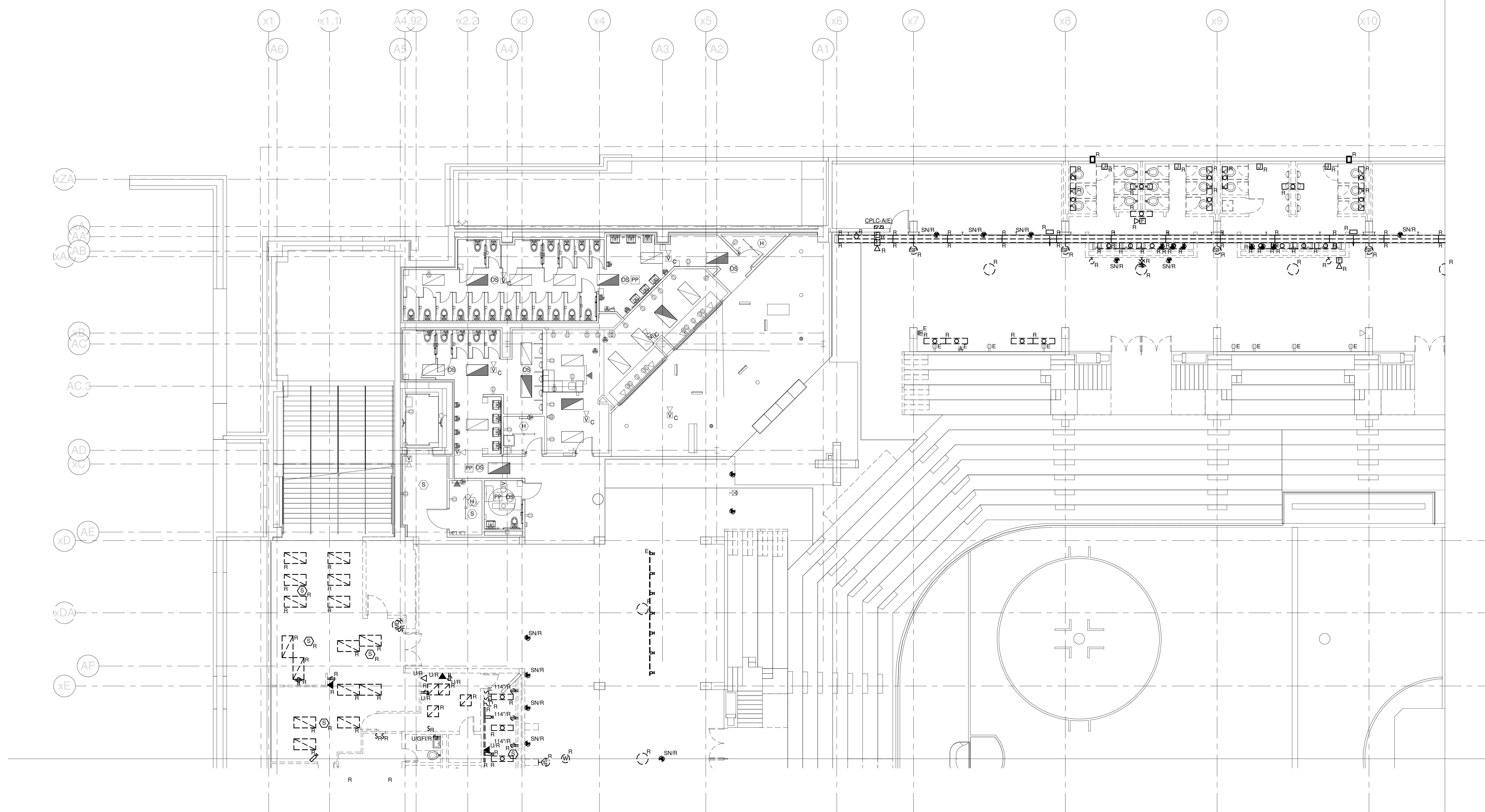
EVENT LEVEL DEMO PLAN - QUAD D

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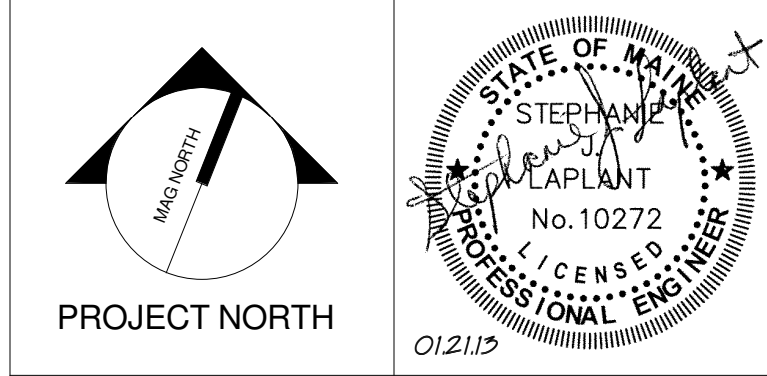
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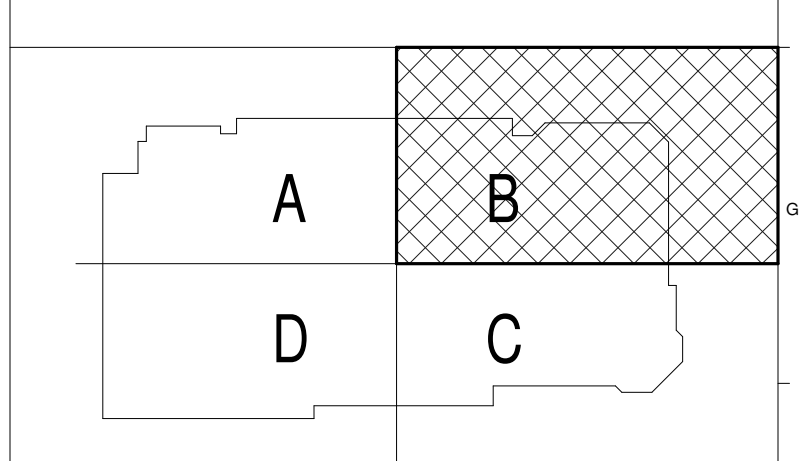
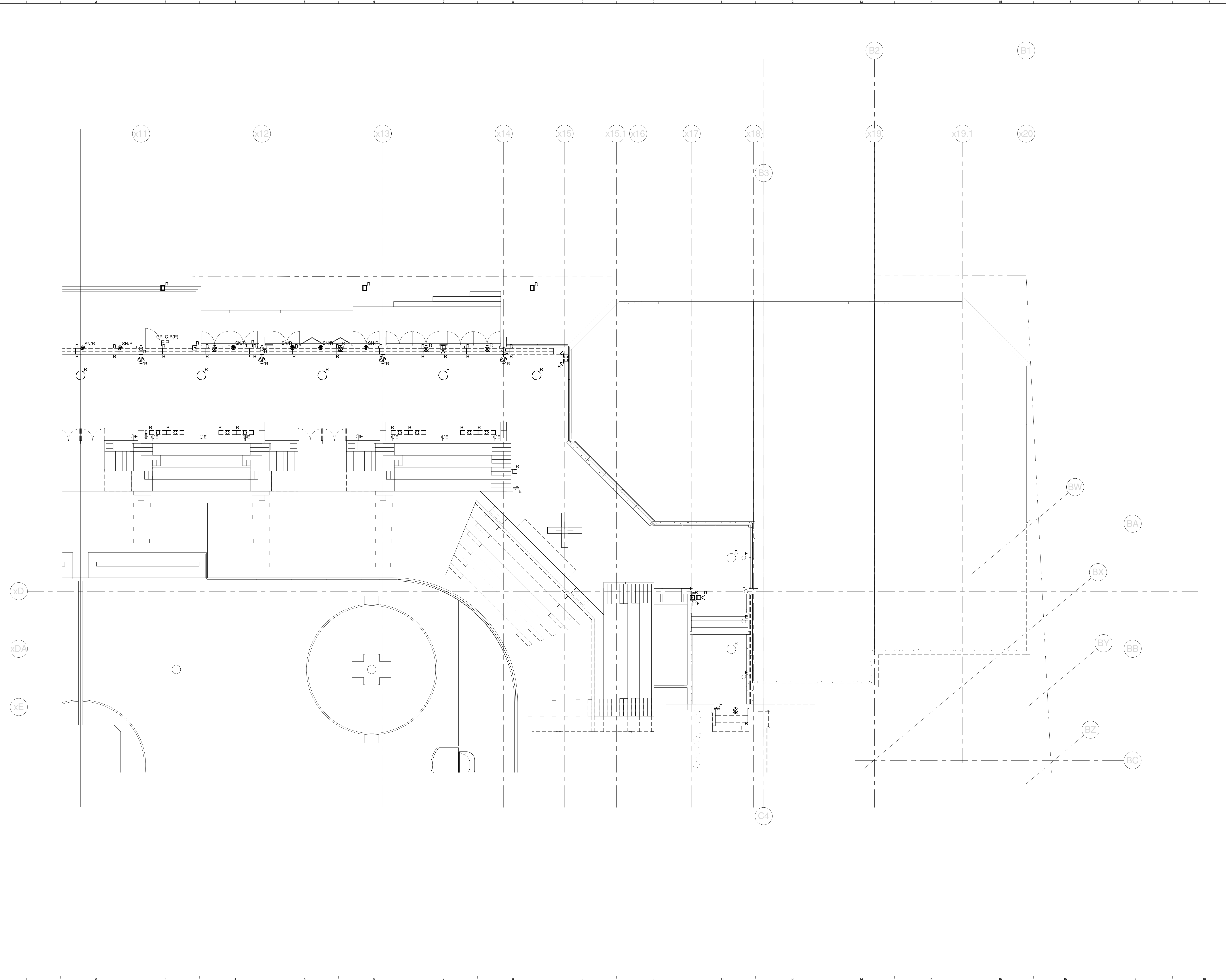
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PROJECT: PORTLAND, ME
CONCOURSE LEVEL DEMO PLAN - QUAD A

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SCALE: 1/8" = 1'-0"	
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DRAWN BY: KRM	
CHECKED BY: S.J.	

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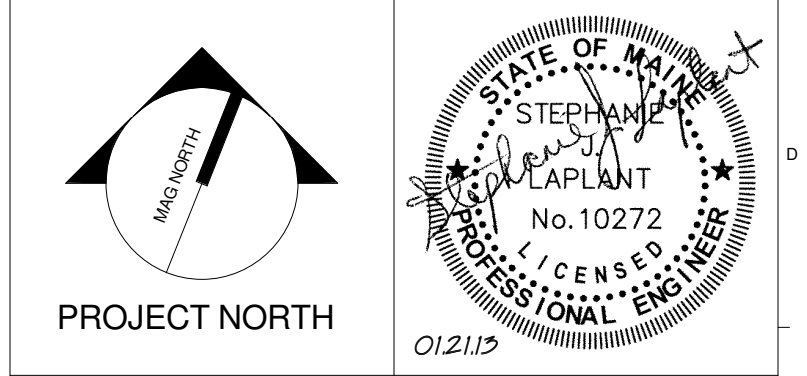
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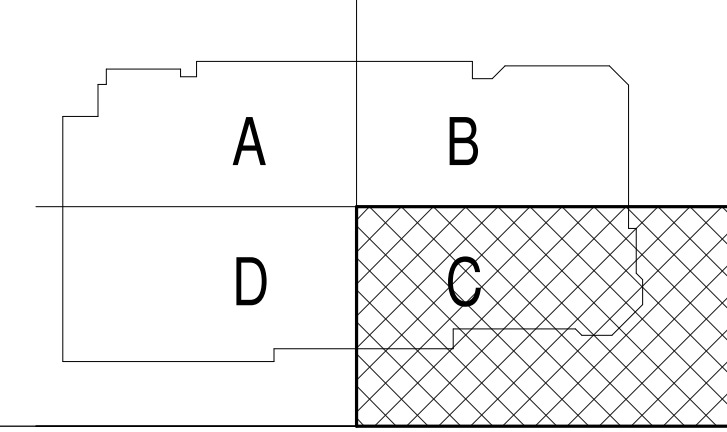
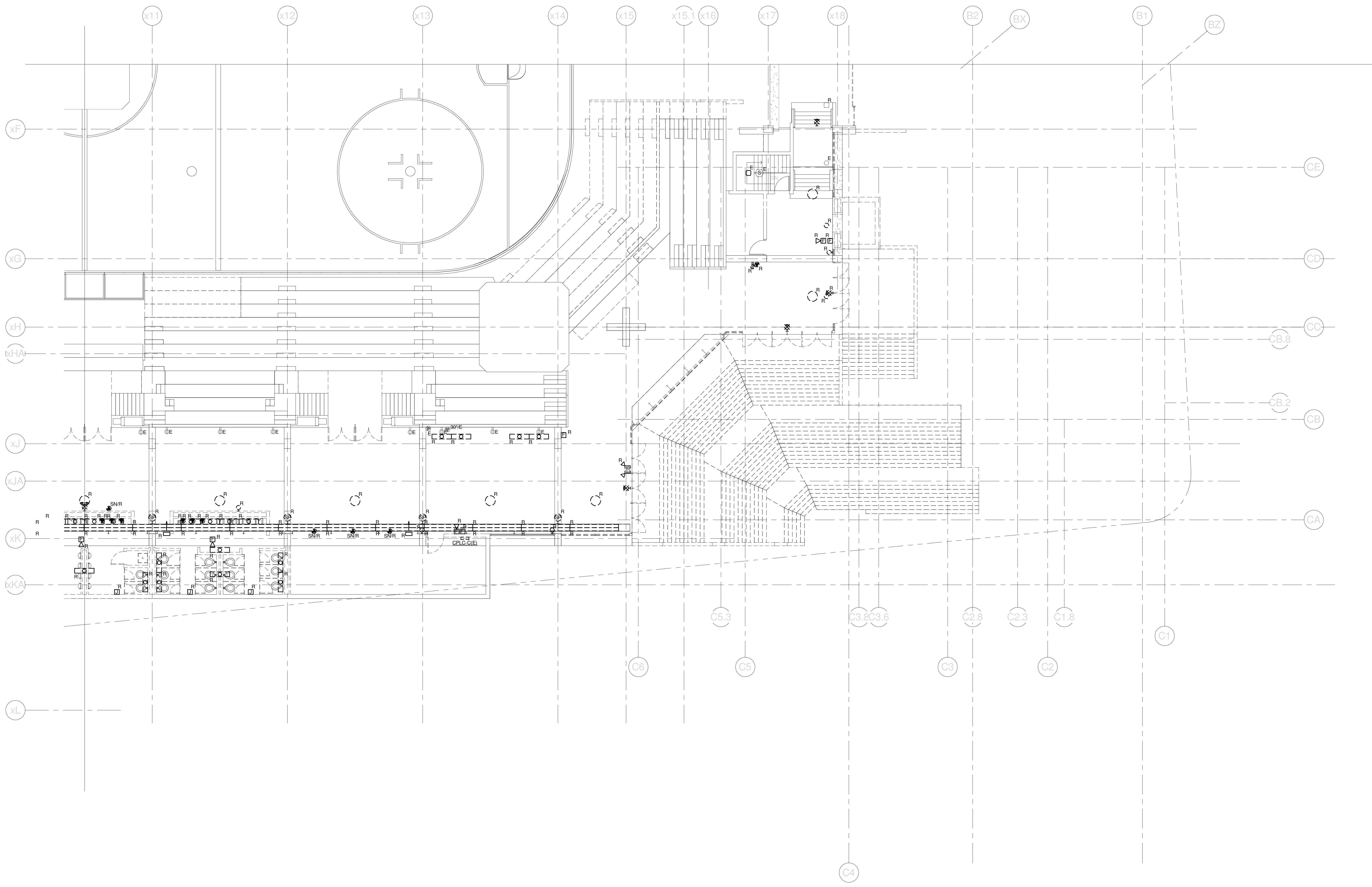
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PROJECT: PORTLAND, ME
CONCOURSE LEVEL DEMO PLAN - QUAD B

SHEET TITLE:
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PROJECT No. **375700** GRAPHIC SCALE: 1" = 1'-0"
SCALE: **1/8" = 1'-0"**
PROJECT MANAGER: **JRB** SHEET No. **ED.22B**
DRAWN BY: **KRM**
CHECKED BY: **SJL**

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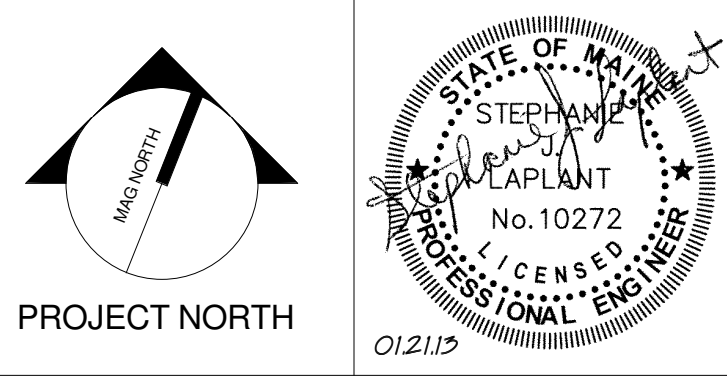
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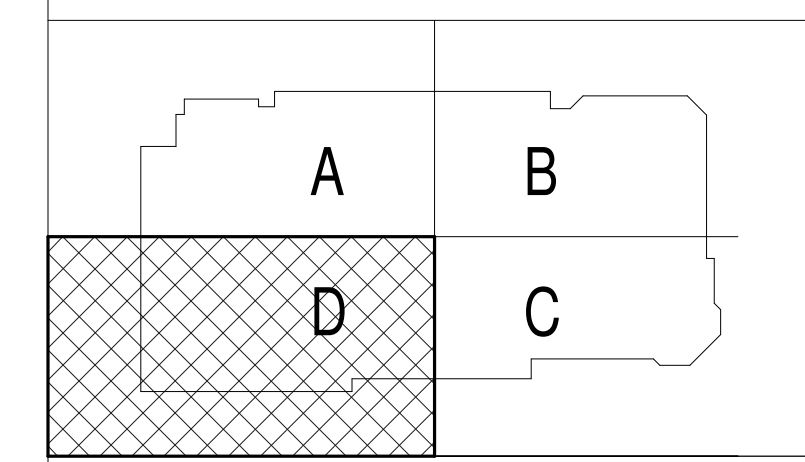
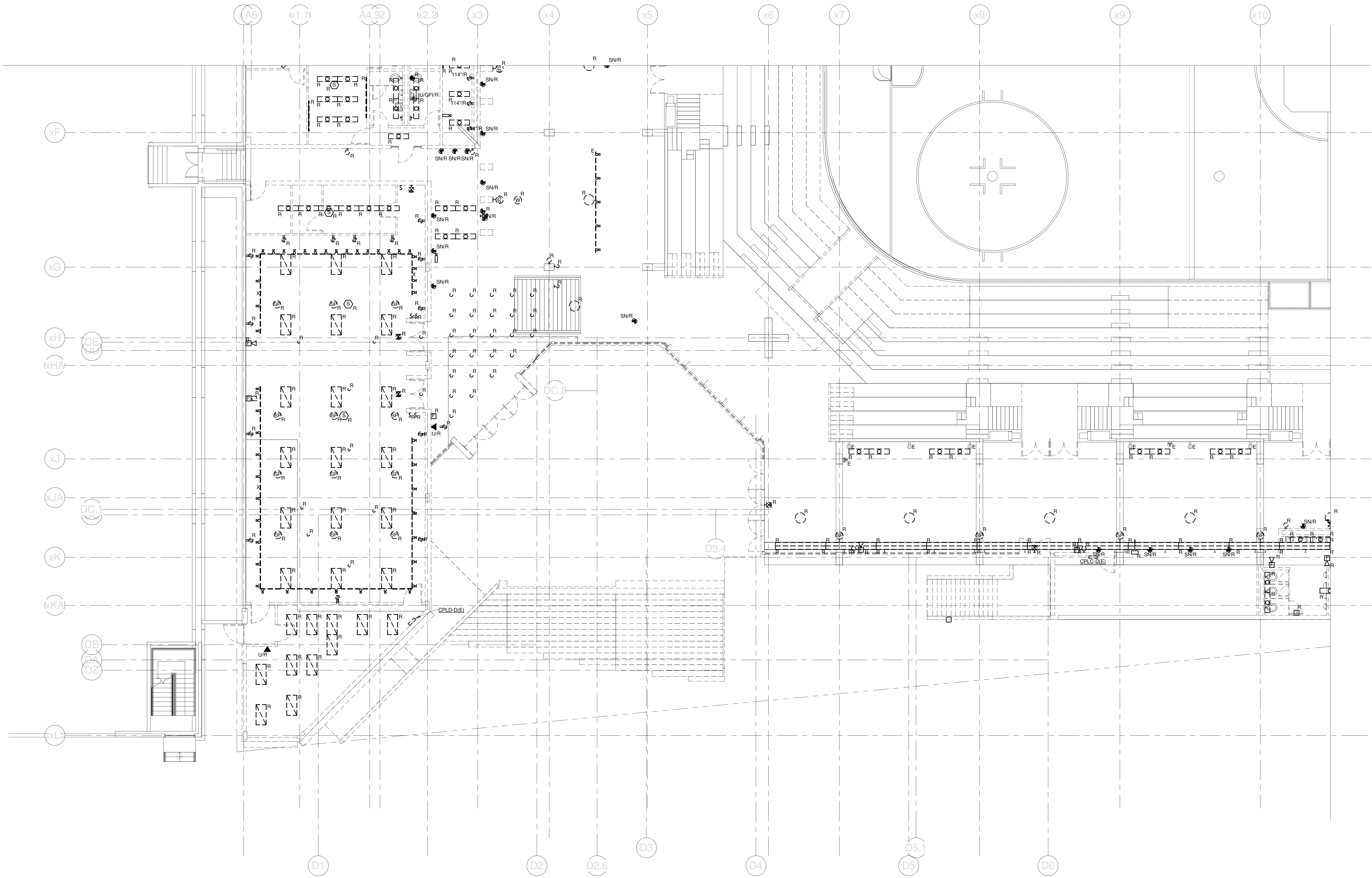
PROJECT: PORTLAND, ME
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
CONCOURSE LEVEL DEMO PLAN - QUAD C

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SCALE: 1/8" = 1'-0"	
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DRAWN BY: KRM	
CHECKED BY: S.JL	

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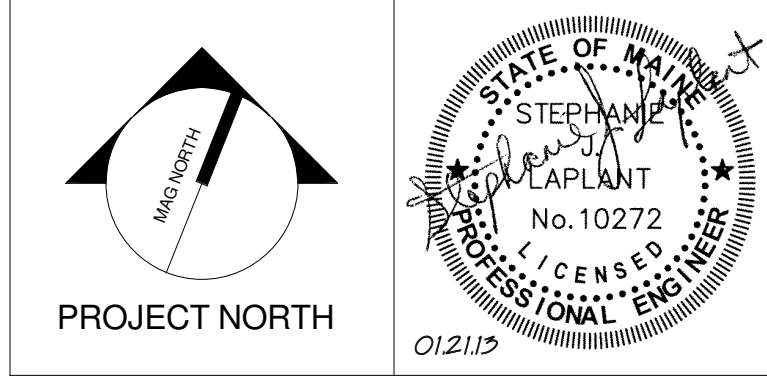


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

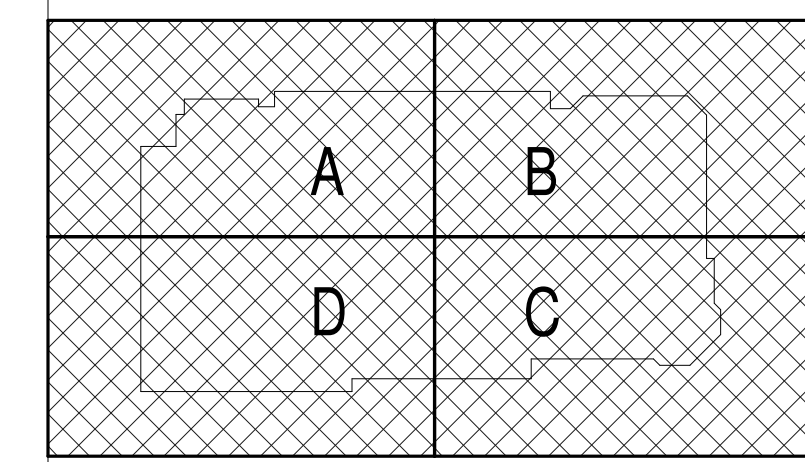
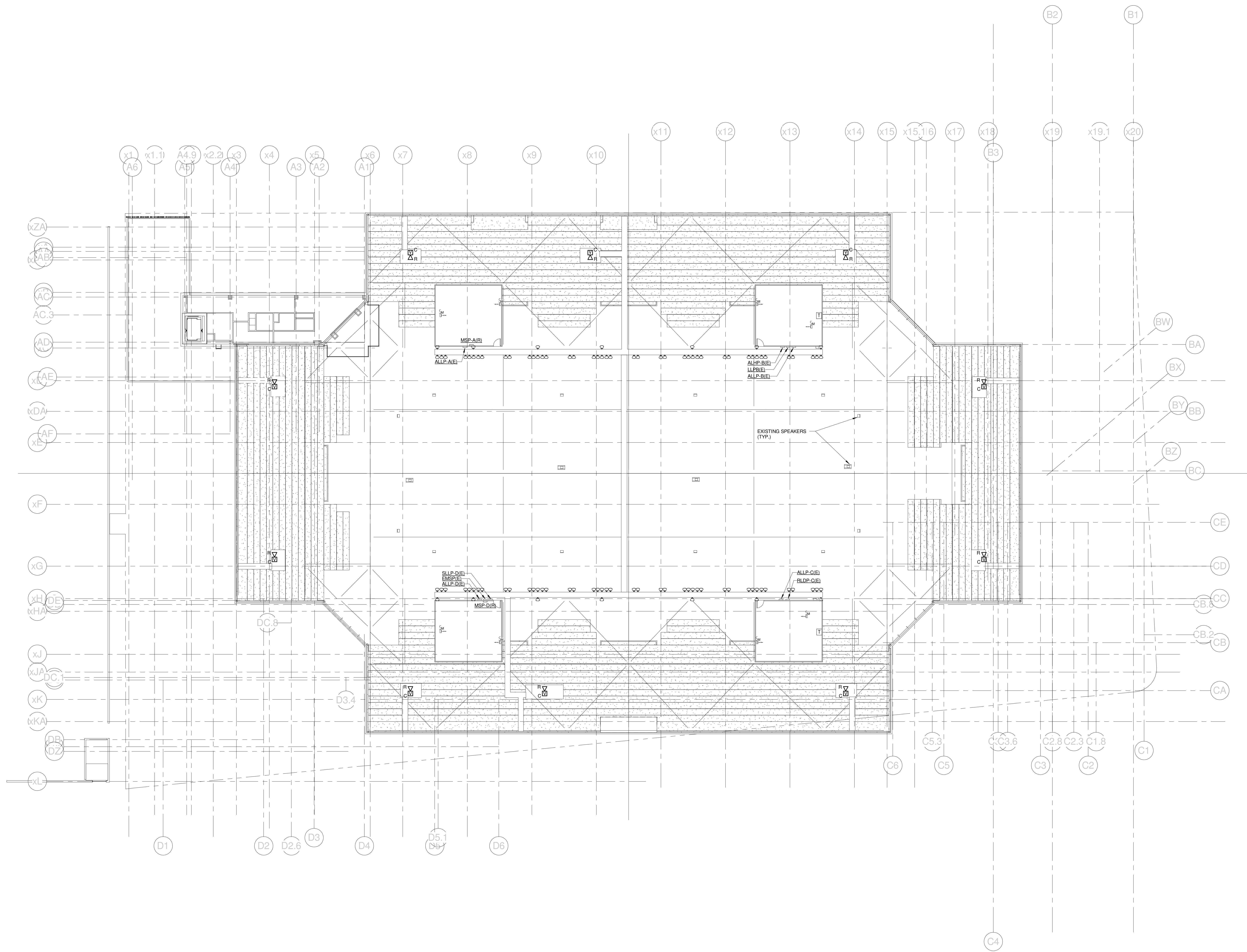
PROJECT: PORTLAND, ME

CONOURSE LEVEL DEMO PLAN - QUAD D

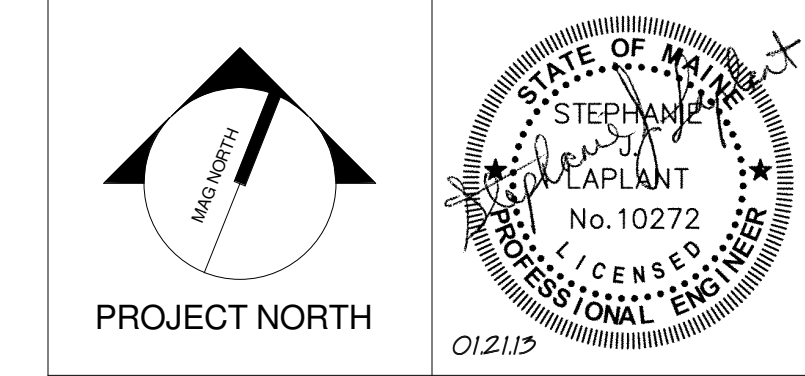
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SCALE	1/8" = 1'-0"		
PROJECT MANAGER	JRB	SHEET No.	ED.24B
DRAWN BY	KRM		
CHECKED BY	SJL		

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PROJECT: PORTLAND, ME
CATWALK LEVEL DEMO PLAN

SHEET TITLE	
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PROJECT No. 375700	GRAPHIC SCALE 1" = 1'
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DRAWN BY: KRM	
CHECKED BY: S.J.L.	

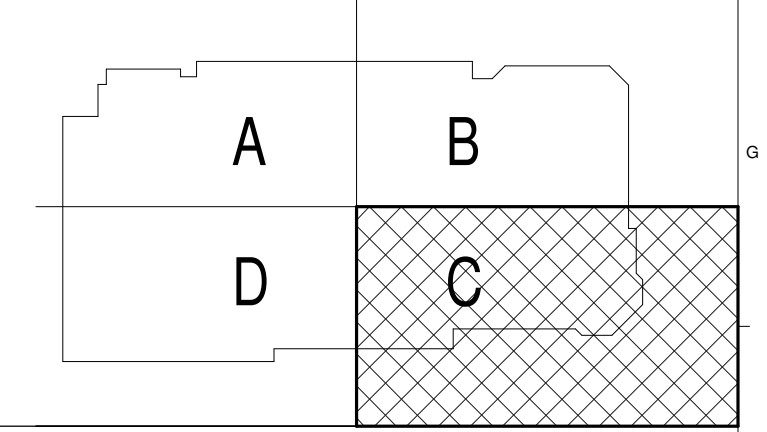
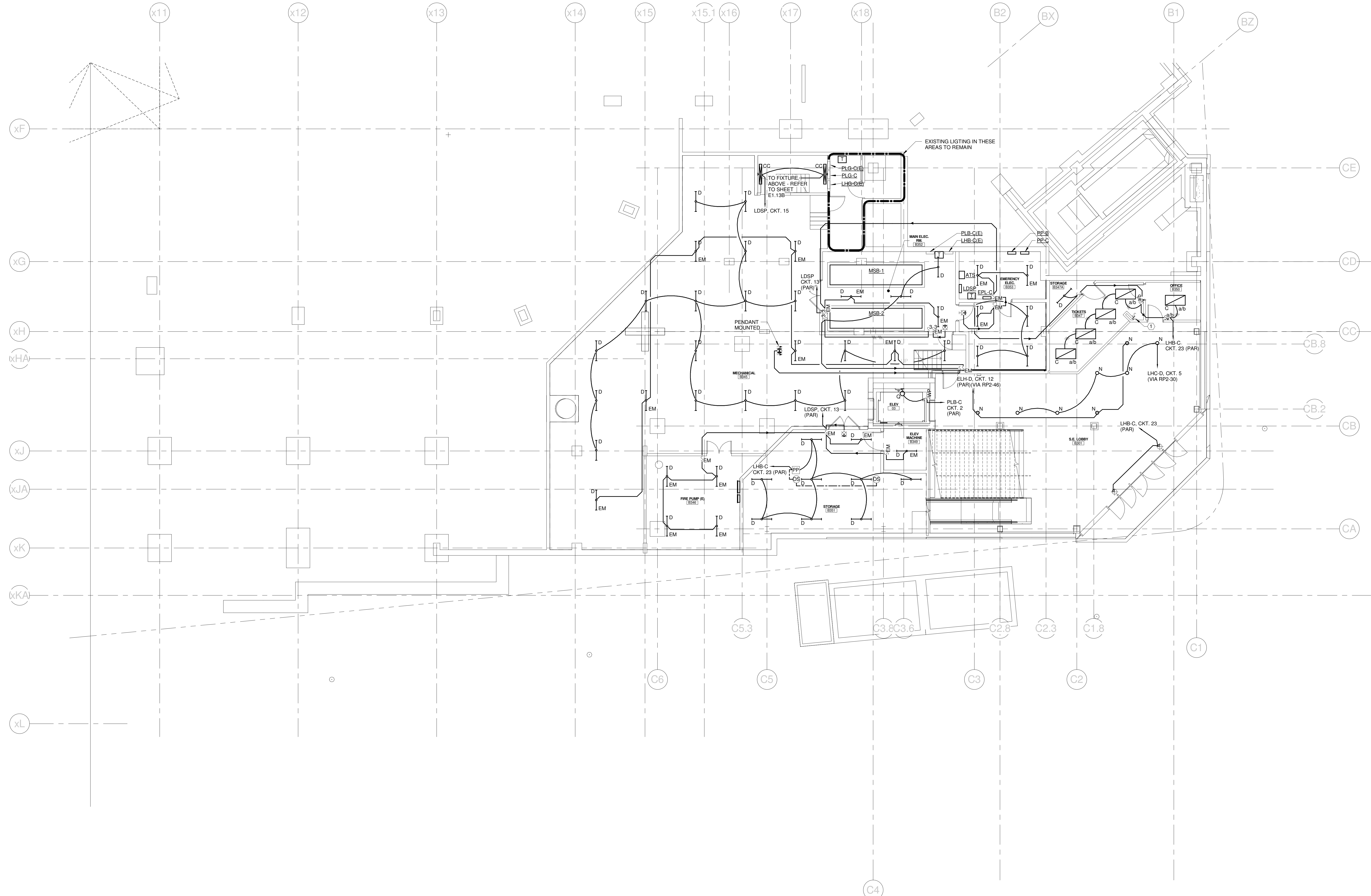
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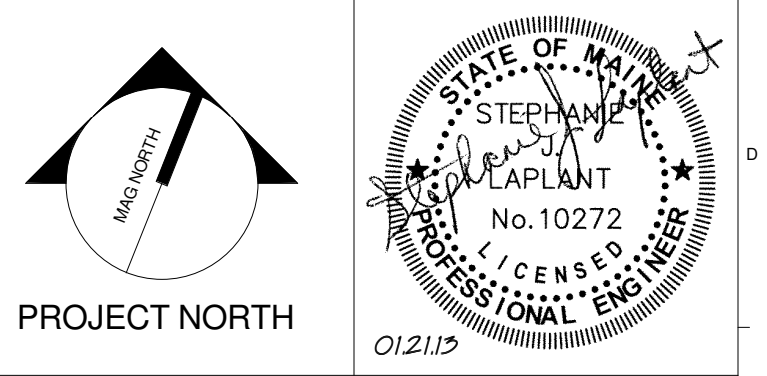
TECHNICAL NOTES:

- ① LOW VOLTAGE LIGHTING SWITCH - CONNECTION TO EXISTING LIGHTING CONTROL SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL AXES 03 FOR MORE INFORMATION.



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 PROJECT: PORTLAND, ME

MECHANICAL LEVEL LIGHTING PLAN

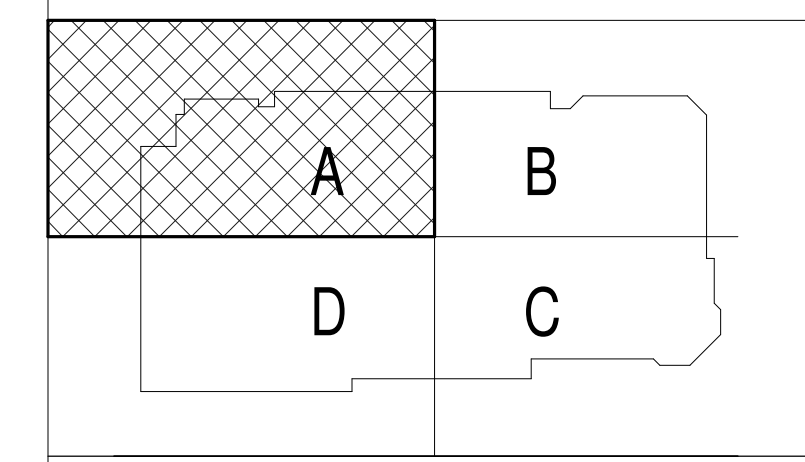
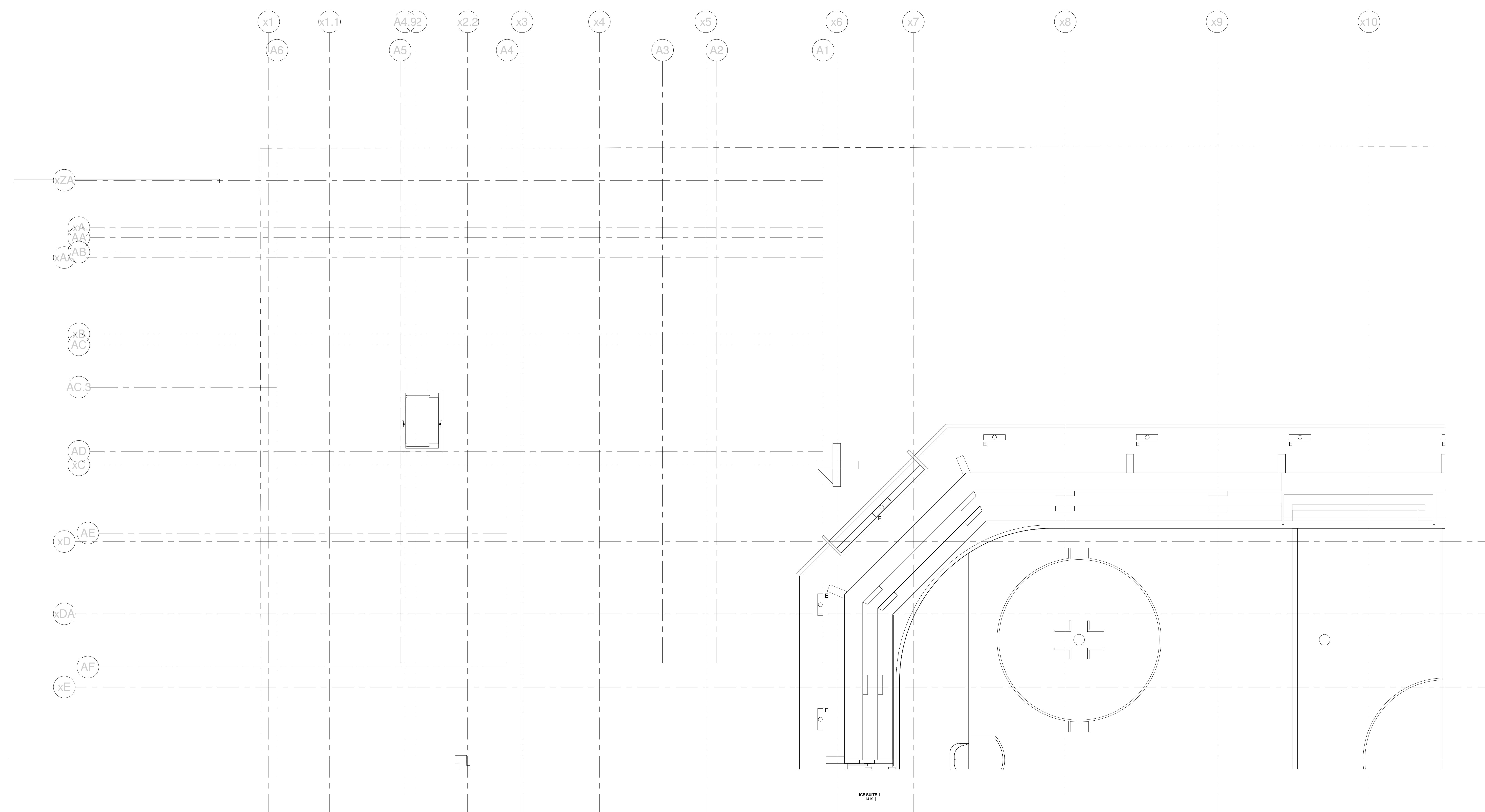
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PROJECT MANAGER	JRB
DRAWN BY	KRM
CHECKED BY	SJL
SHEET No.	E1.03B

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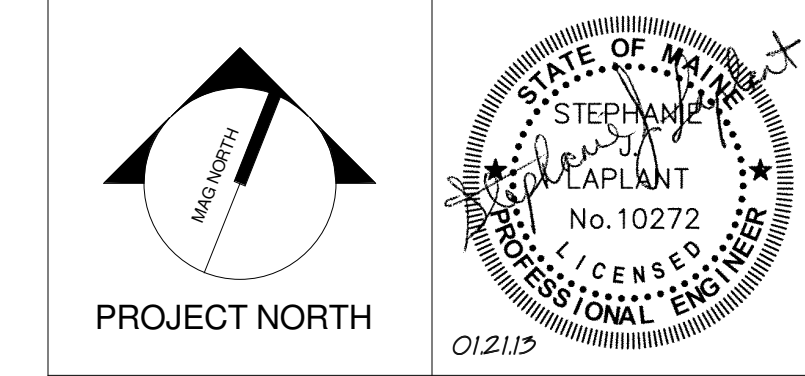
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PROJECT: PORTLAND, ME
EVENT LEVEL LIGHTING PLAN - QUAD A

WBRC CAD FILE: C:\Users\jaye.mahar\Documents\375700 - CCCC Electrical_Lyte.mahar.rvt	GRAPHIC SCALE: 1" = 10'
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PROJECT MANAGER: JRB	SHEET No. E1.11B
DRAWN BY: KRM	CHECKED BY: SLL

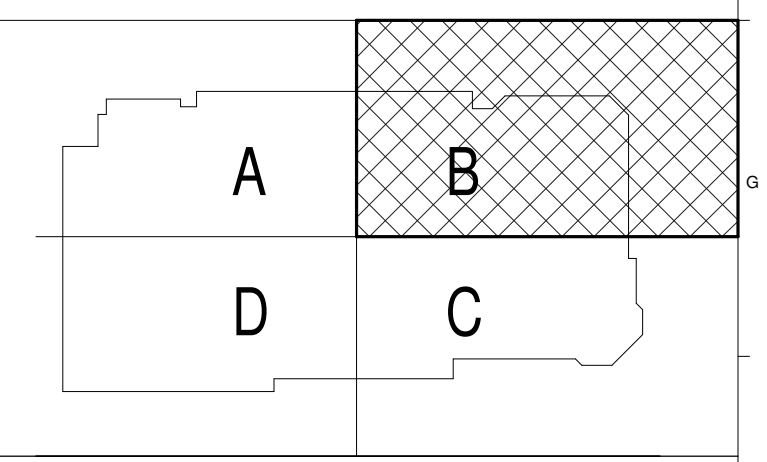
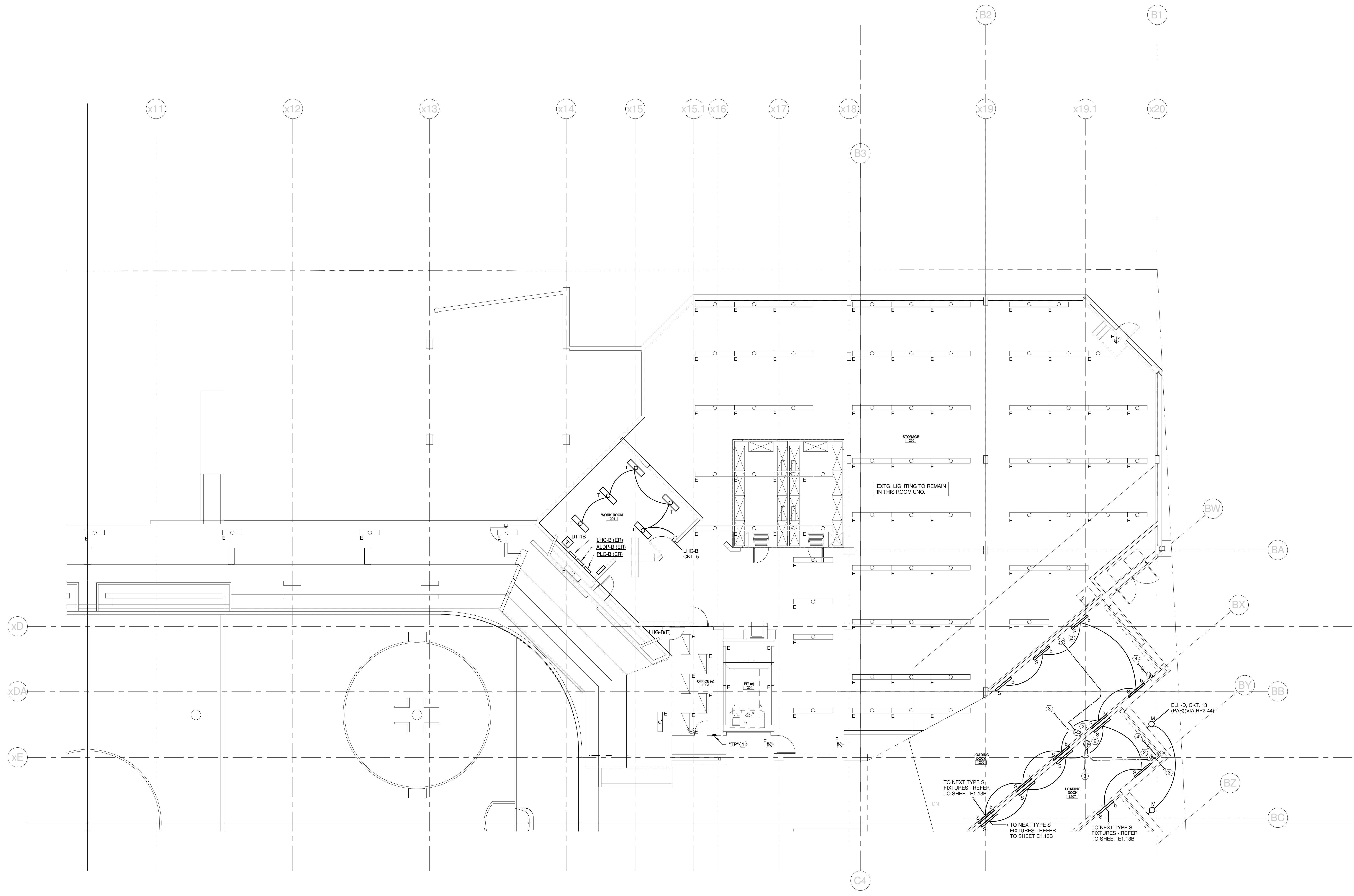
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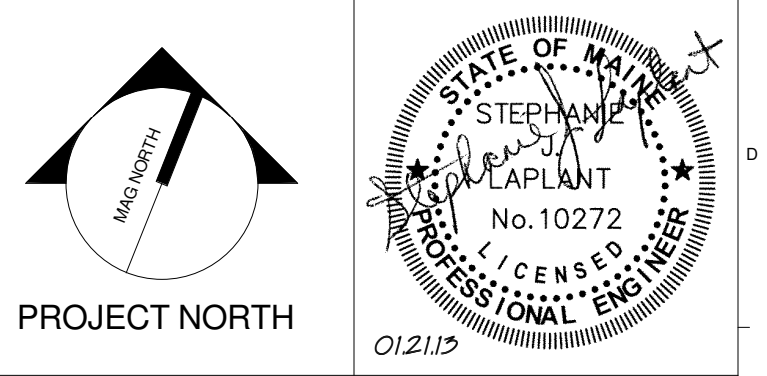
TECHNICAL NOTES:

- ① LOW VOLTAGE TOUCH PANEL FOR LIGHTING CONTROL SYSTEM - CONNECTION TO EXISTING LIGHTING SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL A10.E5.03 FOR MORE INFORMATION.
- ② WALL MOUNTED OCCUPANCY SENSOR EQUAL TO WATTSTOPPER, CAT. NO. DT-200. MOUNT @ 8'-0" AFF LEVEL OF STAGING AREA AND AIM AT PATHWAY.
- ③ LOW VOLTAGE WIRING TO NEXT OCCUPANCY SENSOR - REFER TO SHEET E1.13B.
- ④ TO THREE-WAY SWITCH - REFER TO SHEET E1.13B.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
EVENT LEVEL LIGHTING PLAN - QUAD B

PROJECT No.	375700	GRAPHIC SCALE	1" = 10'
SCALE	1/8" = 1'-0"		
PROJECT MANAGER	JRB	SHEET No.	E1.12B
DRAWN BY	KRM		
CHECKED BY	SJL		

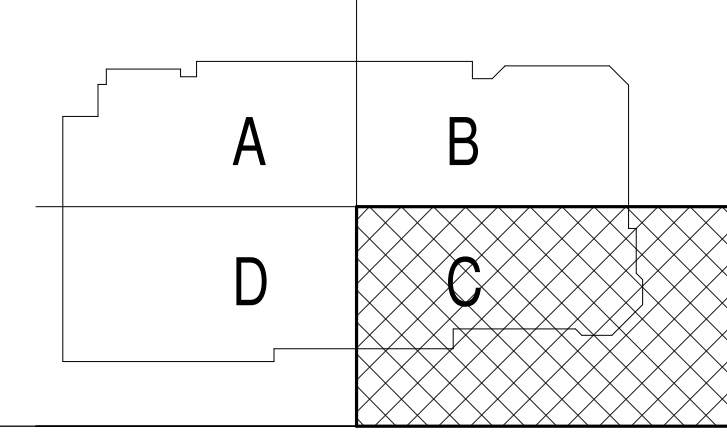
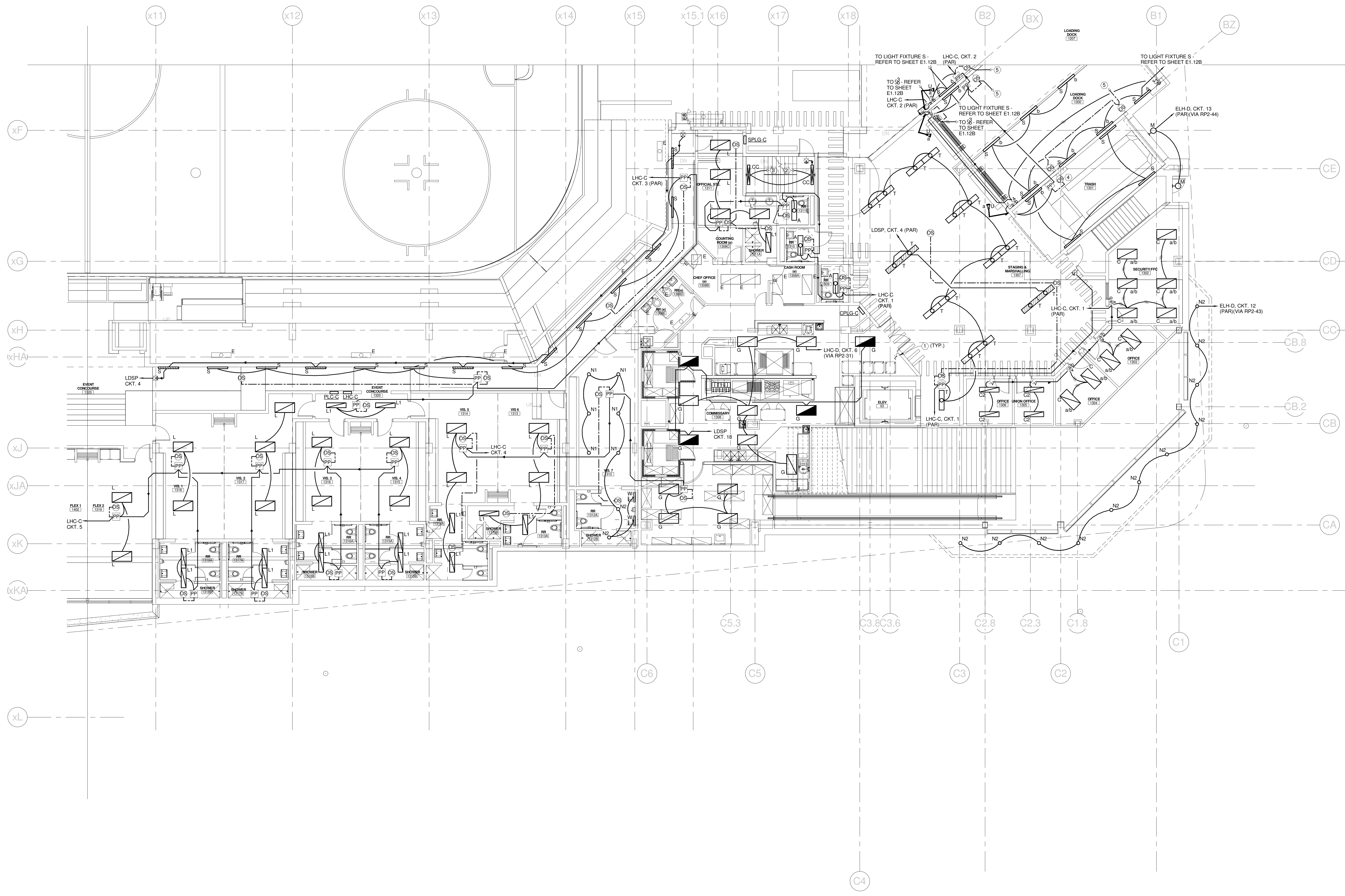
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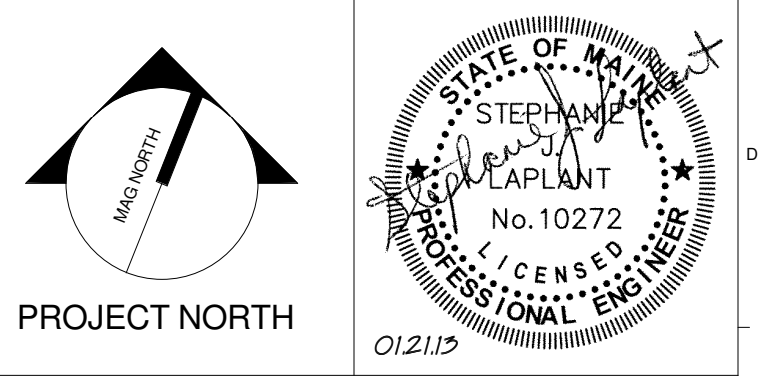
TECHNICAL NOTES:

- ① LOW VOLTAGE LIGHTING SWITCH - CONNECTION TO EXISTING LIGHTING CONTROL SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL AXES 03 FOR MORE INFORMATION.
- ② TO TYPE CC FIXTURE ABOVE - REFER TO SHEET E1.23B.
- ③ TO TYPE CC FIXTURE BELOW - REFER TO SHEET E1.03B.
- ④ TO THREE-WAY SWITCH - REFER TO SHEET E1.13B.
- ⑤ LOW VOLTAGE WIRING TO NEXT OCCUPANCY SENSOR - REFER TO SHEET E1.12B.



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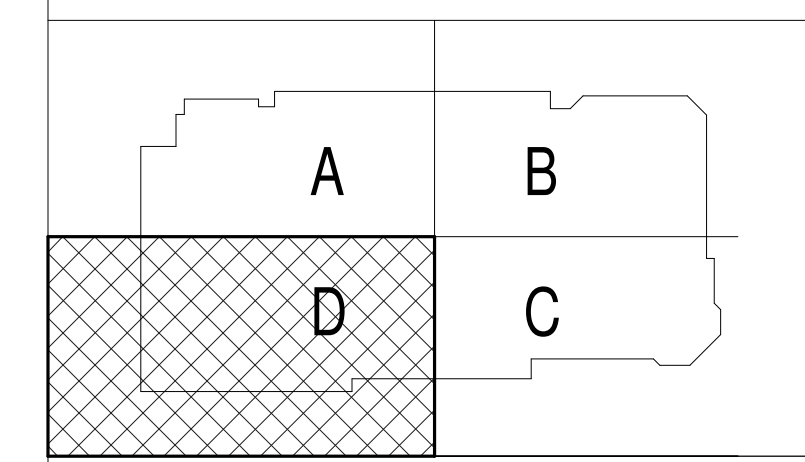
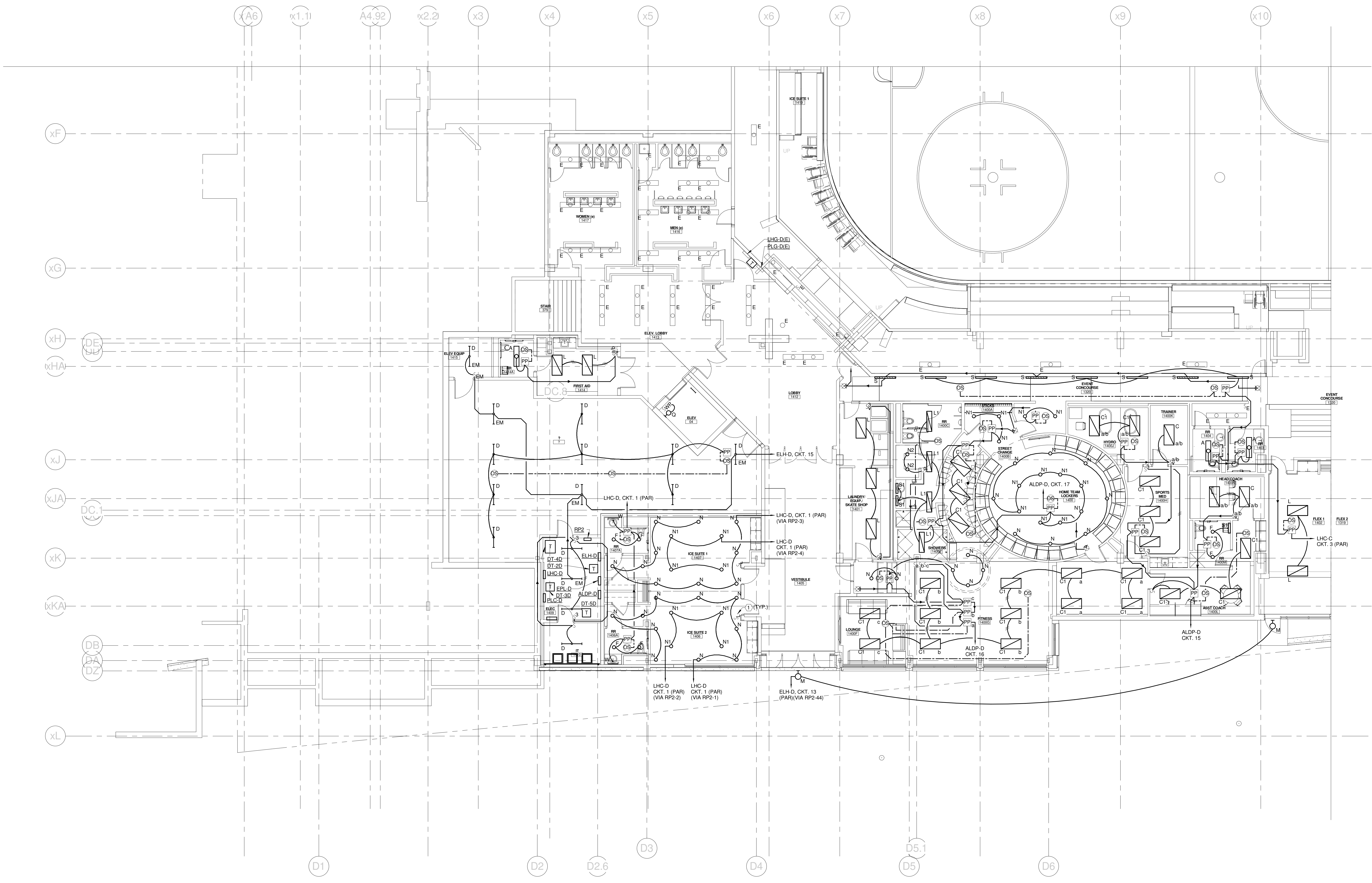
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
 PROJECT: PORTLAND, ME
EVENT LEVEL LIGHTING PLAN - QUAD C

SHEET TITLE: **E1.13B**
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 PROJECT No. **375700** GRAPHIC SCALE: 1" = 1'-0"
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 PROJECT MANAGER: **JRB** SHEET No.
 DRAWN BY: **KRM**
 CHECKED BY: **SJL**

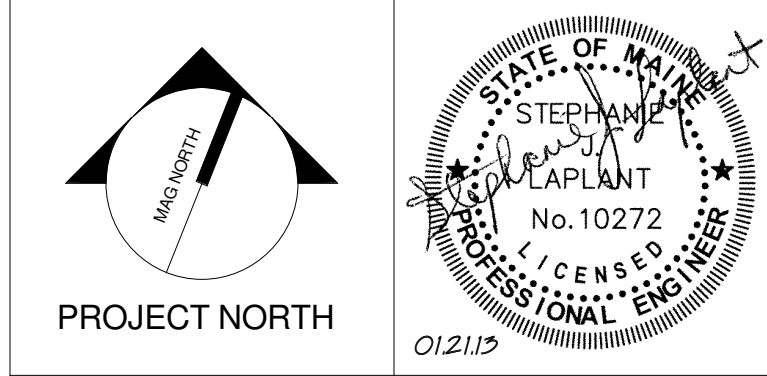
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TECHNICAL NOTES:
① LOW VOLTAGE SWITCH FOR LIGHTING CONTROL SYSTEM - CONNECTION TO EXISTING LIGHTING SYSTEM NOT SHOWN FOR CLARITY - REFER TO DETAIL A7/E5.03 FOR MORE INFORMATION.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL LIGHTING PLAN - QUAD D

SHEET TITLE	
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CHECKED BY: SJL	

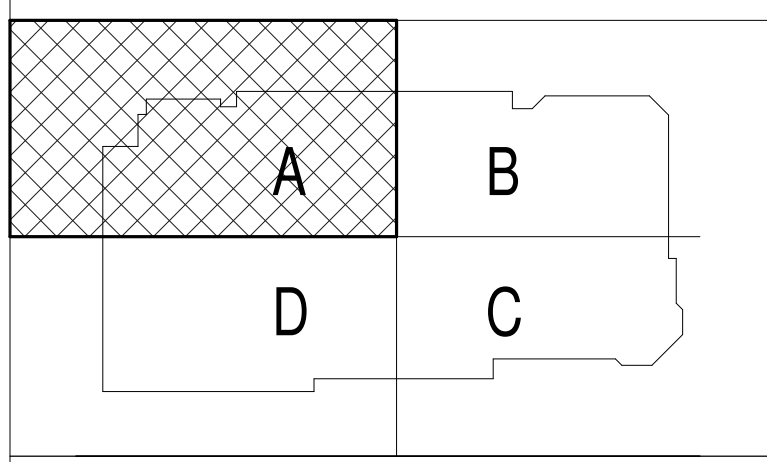
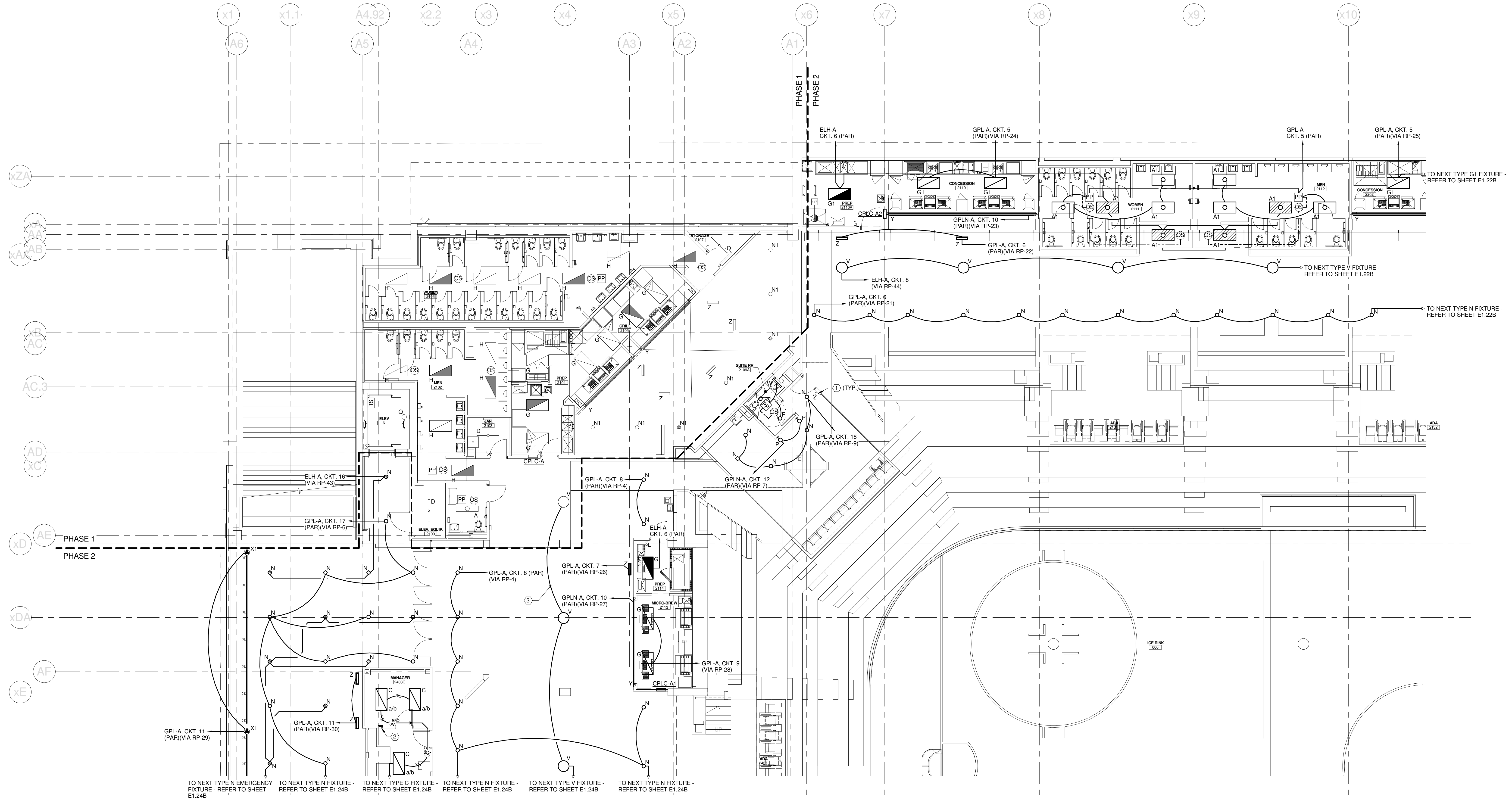
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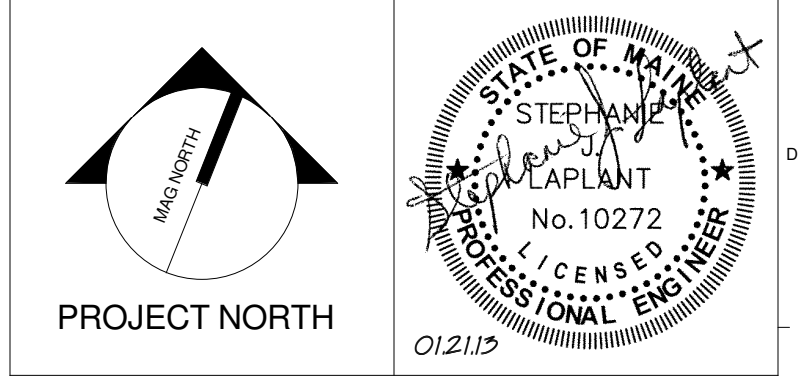
TECHNICAL NOTES:

- ① LOW VOLTAGE LIGHTING SWITCH - CONNECTION TO EXISTING LIGHTING CONTROL SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL A7/E5.03 FOR MORE INFORMATION.
- ② LOW VOLTAGE TOUCH PANEL FOR LIGHTING CONTROL SYSTEM - CONNECTION TO EXISTING LIGHTING SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL A7/E5.03 FOR MORE INFORMATION.
- ③ CONNECT TO EXISTING LIGHTING FIXTURE AND ASSOCIATED CIRCUIT FROM PHASE 1 CONSTRUCTION.



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 PROJECT: PORTLAND, ME
CONCOURSE LEVEL LIGHTING PLAN - QUAD A

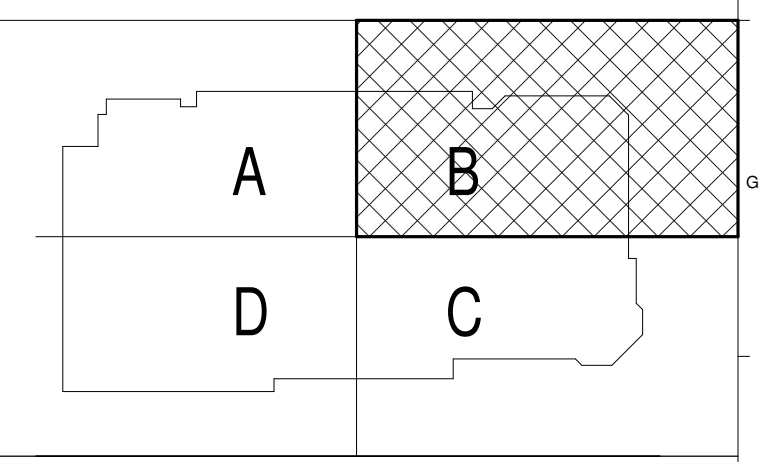
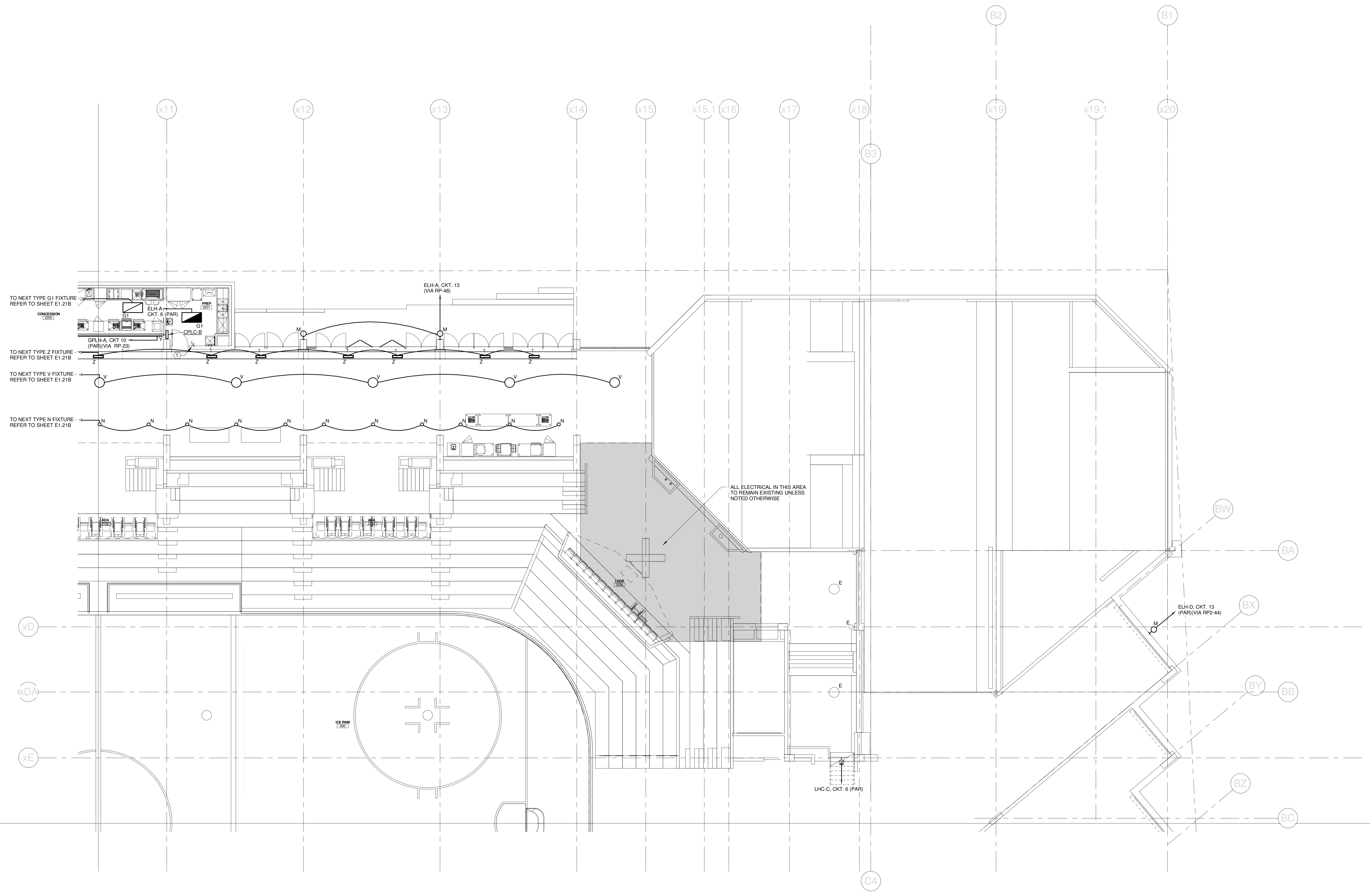
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 DRAWN BY: KRM
 CHECKED BY: SJL

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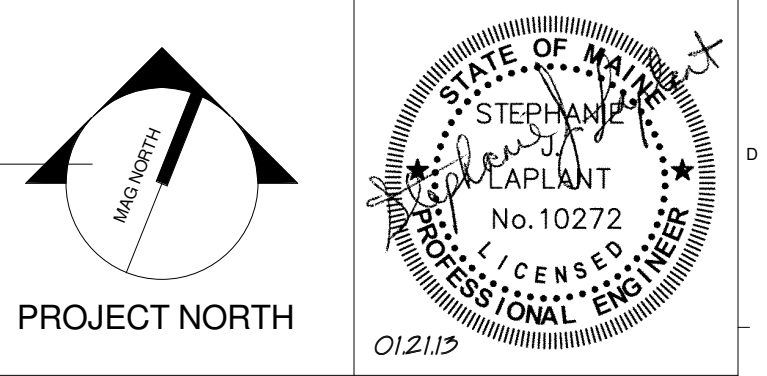
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TECHNICAL NOTES:
① LOW VOLTAGE LIGHTING SWITCH - CONNECTION TO EXISTING LIGHTING CONTROL SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL A7/E5.93 FOR MORE INFORMATION.



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PROJECT: PORTLAND, ME
CONCOURSE LEVEL LIGHTING PLAN - QUAD B

SHEET TITLE: CONSTRUCTION DOCUMENTS
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CHECKED BY: SLL

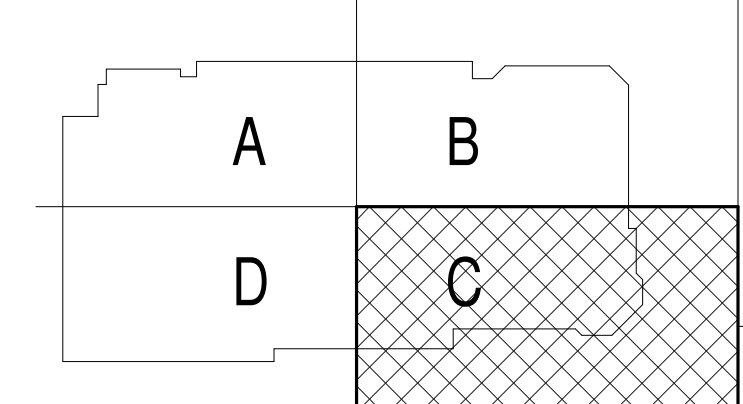
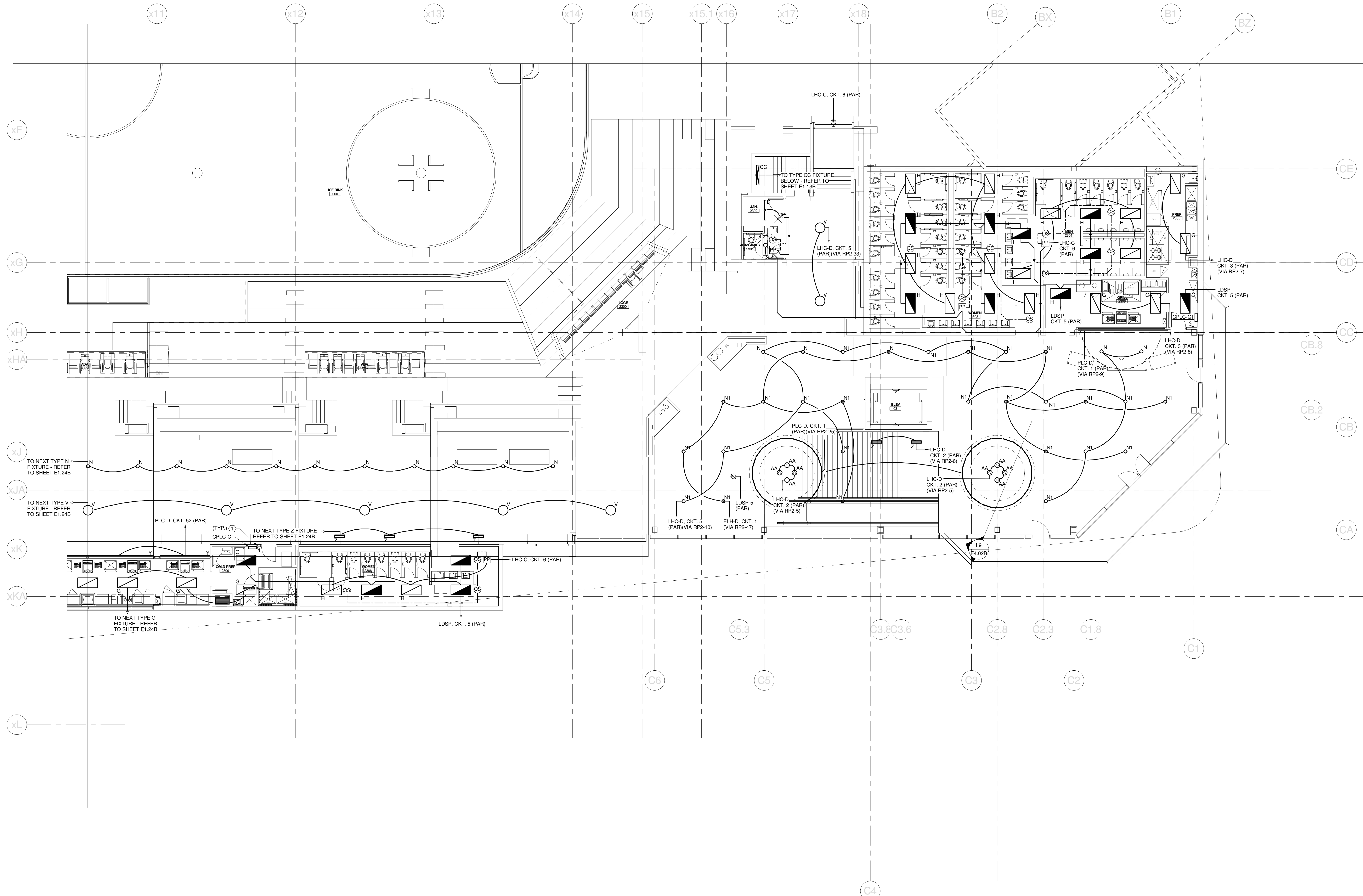
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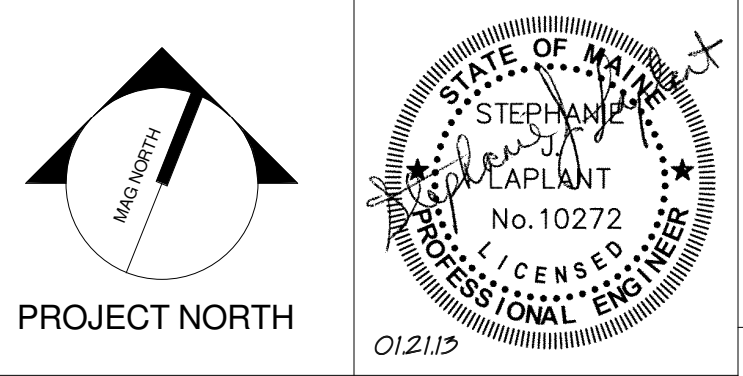
TECHNICAL NOTES:

- ① LOW VOLTAGE LIGHTING SWITCH - CONNECTION TO EXISTING LIGHTING CONTROL SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL AXES 03 FOR MORE INFORMATION.



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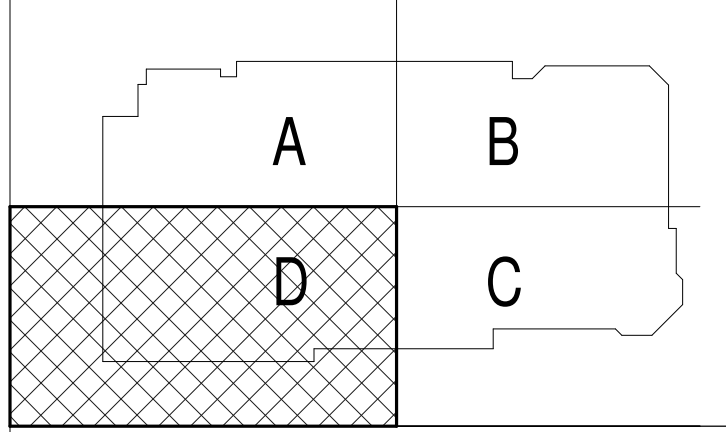
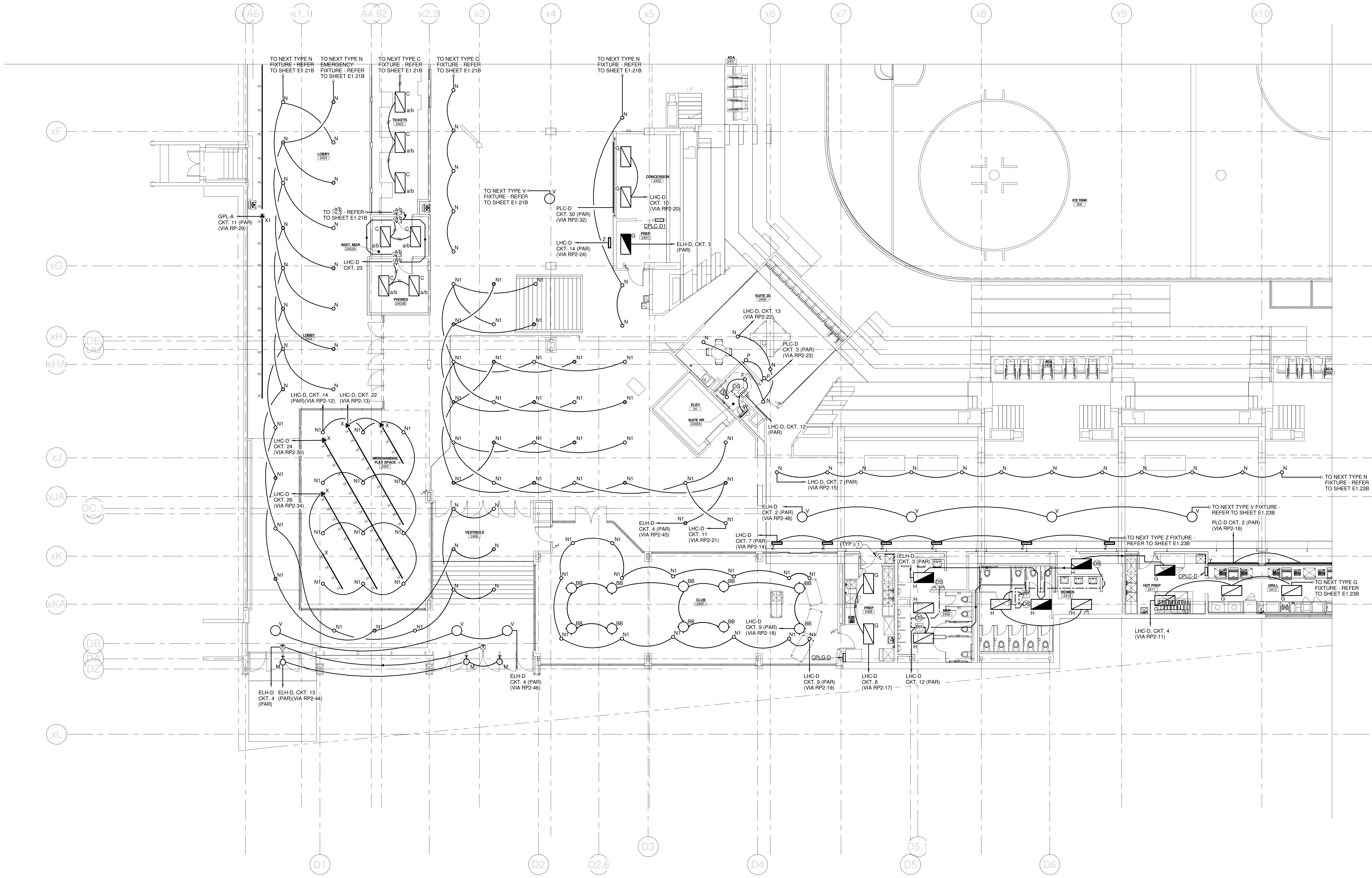
PROJECT: PORTLAND, ME
CONCOURSE LEVEL LIGHTING PLAN - QUAD C

SHEET TITLE
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PROJECT No. 375700 GRAPHIC SCALE 1" = 10'
SCALE 1/8" = 1'-0"
PROJECT MANAGER: JRB SHEET No. **E1.23B**
DRAWN BY: KRM
CHECKED BY: S.J.L.

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TECHNICAL NOTES:
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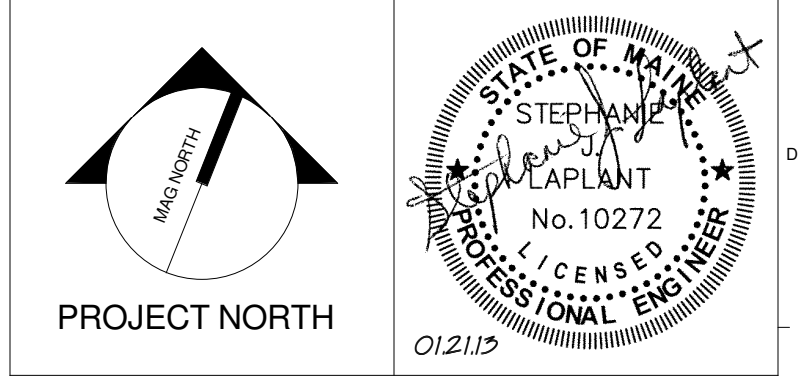


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PROJECT: PORTLAND, ME

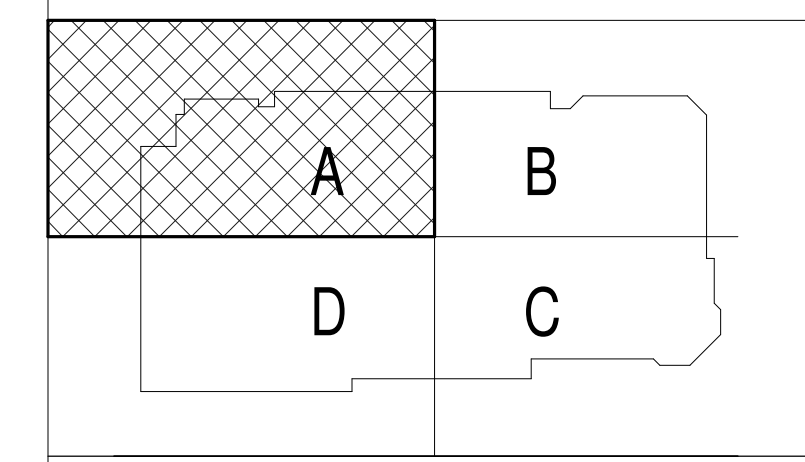
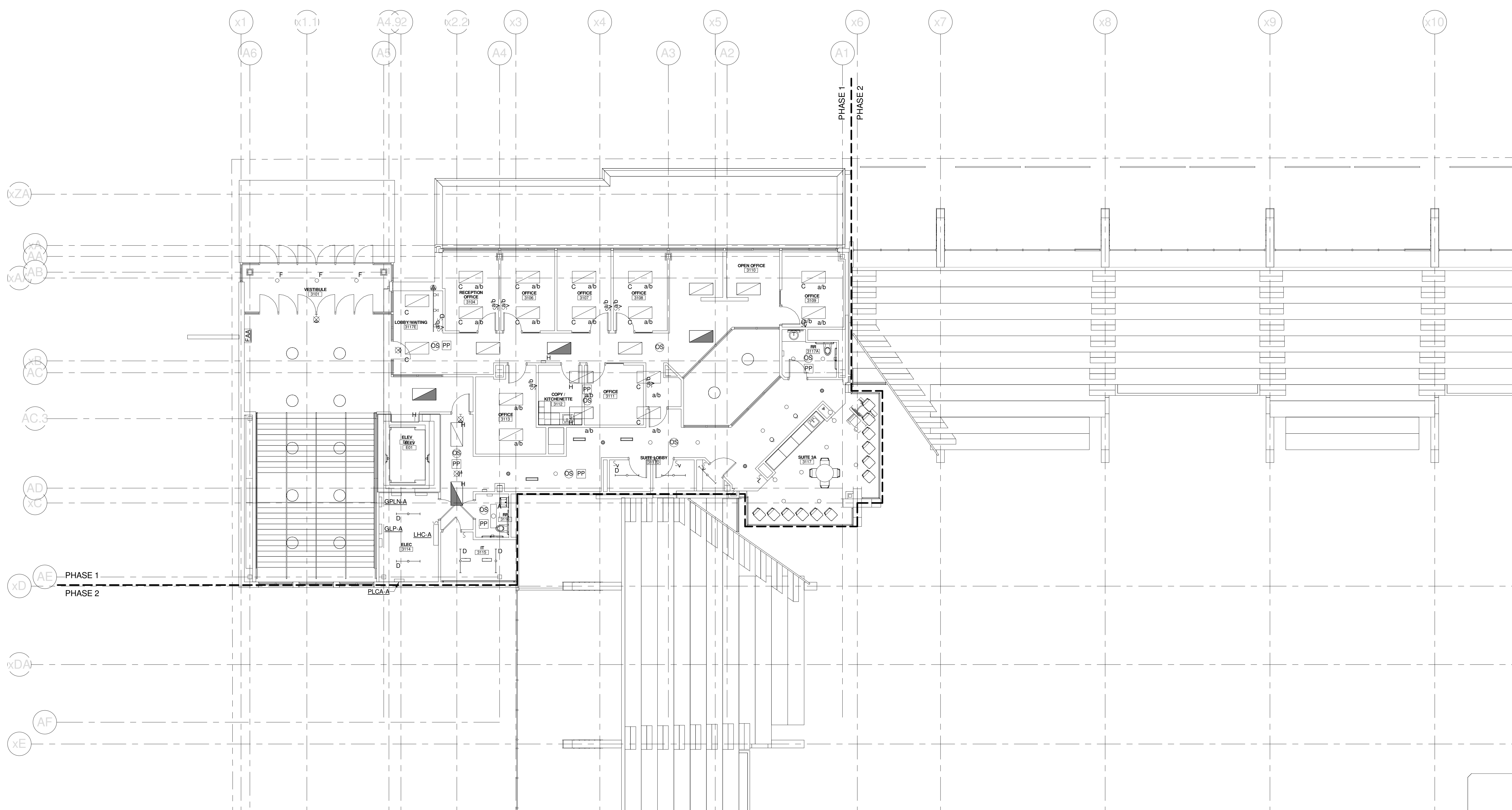
CONCOURSE LEVEL LIGHTING PLAN - QUAD D

PROJECT No.	375700	GRAPHIC SCALE	1" = 1'-0"
SCALE	1/8" = 1'-0"		
PROJECT MANAGER	JRB	SHEET No.	E1.24B
DRAWN BY	KRM		
CHECKED BY	SJL		

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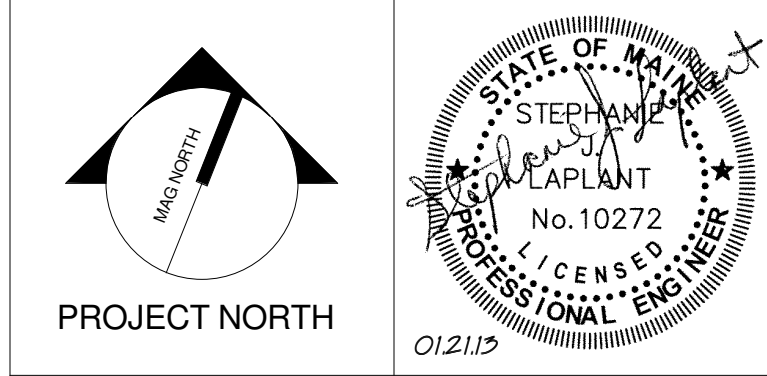
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PROJECT: PORTLAND, ME
MID SUITES LEVEL LIGHTING PLAN - QUAD A

SHEET TITLE	
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DRAWN BY: KRM	E1.31B
CHECKED BY: S.J.	

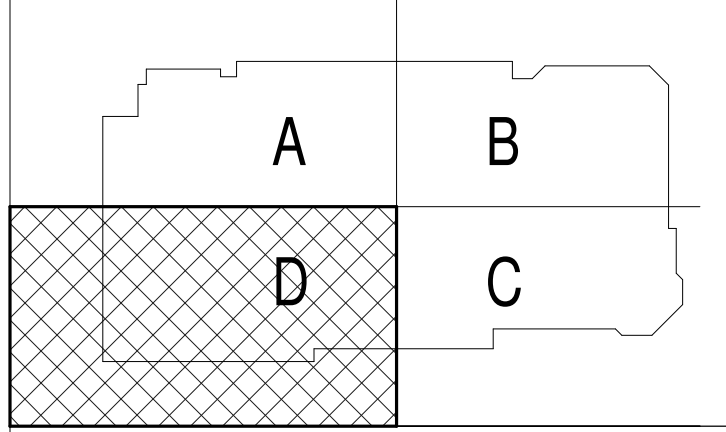
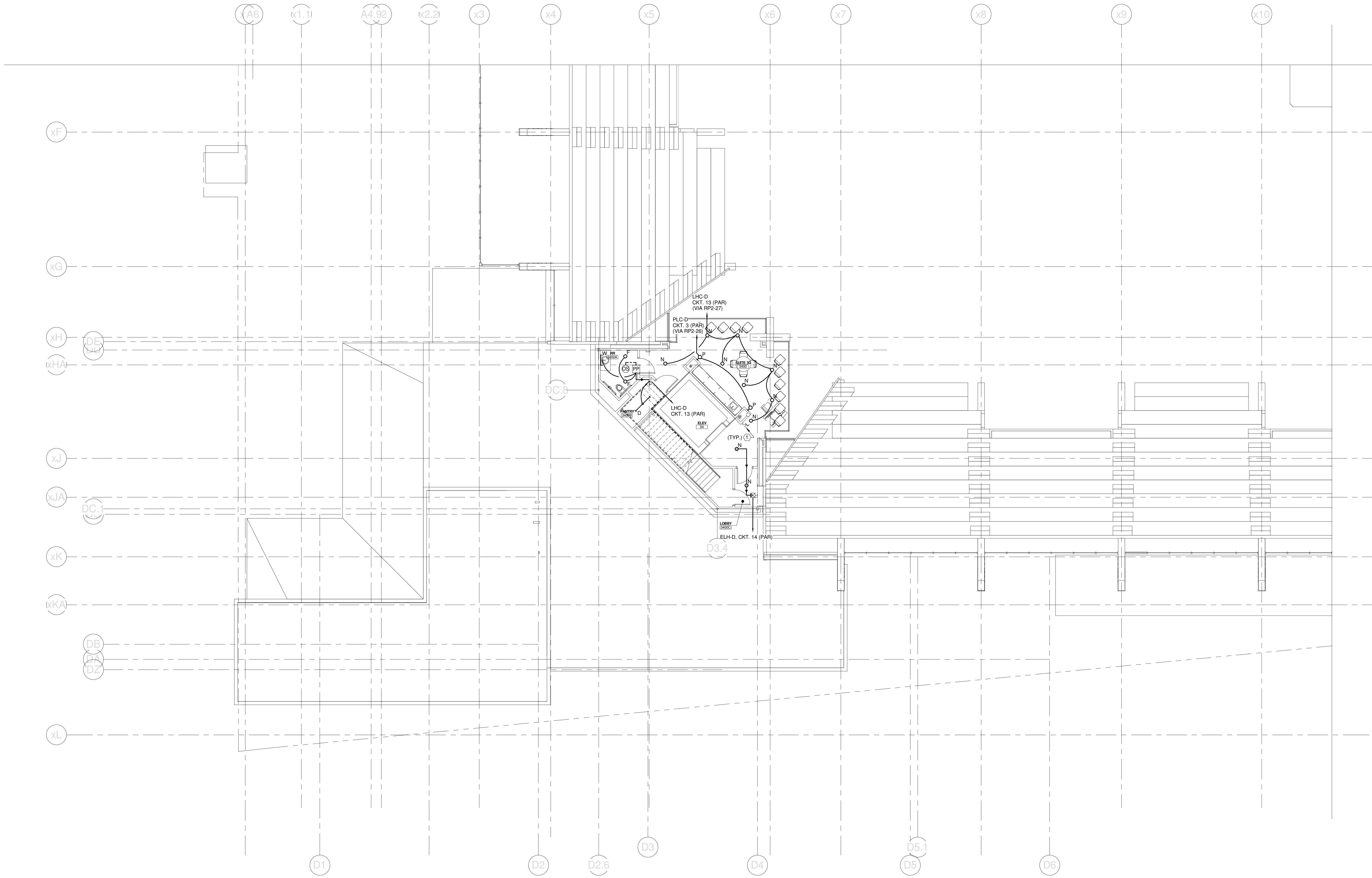
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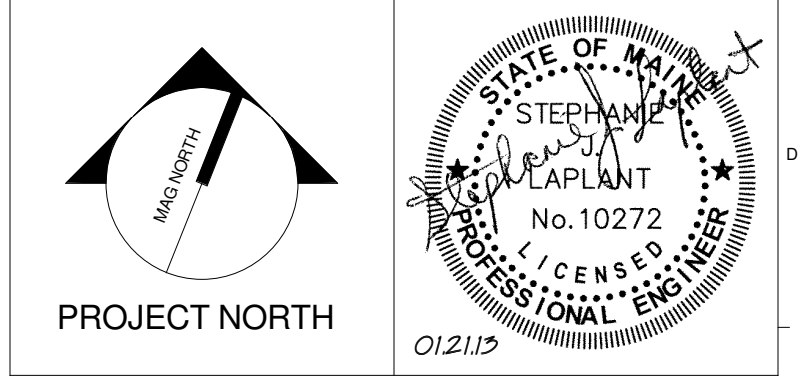
TECHNICAL NOTES:

- ① LOW VOLTAGE LIGHTING SWITCH - CONNECTION TO EXISTING LIGHTING CONTROL SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL AXES 03 FOR MORE INFORMATION.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
MID SUITES LEVEL LIGHTING PLAN - QUAD D

SHEET TITLE:
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PROJECT No. **375700** GRAPHIC SCALE: 1" = 1'-0"
SCALE: 1/8" = 1'-0"
PROJECT MANAGER: JRB SHEET No. **E1.34B**
DRAWN BY: KRM
CHECKED BY: S.J.L.

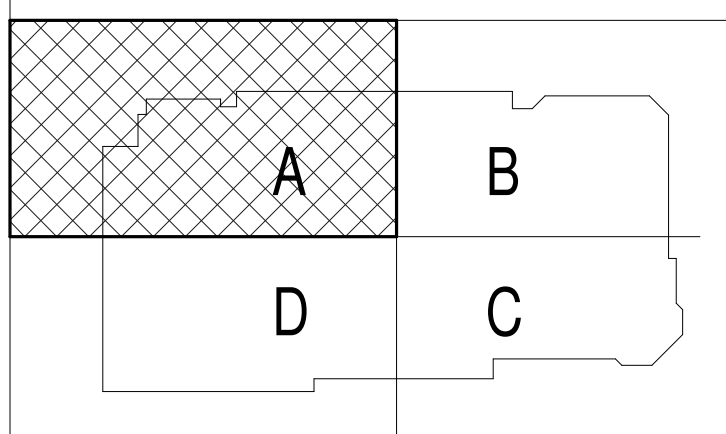
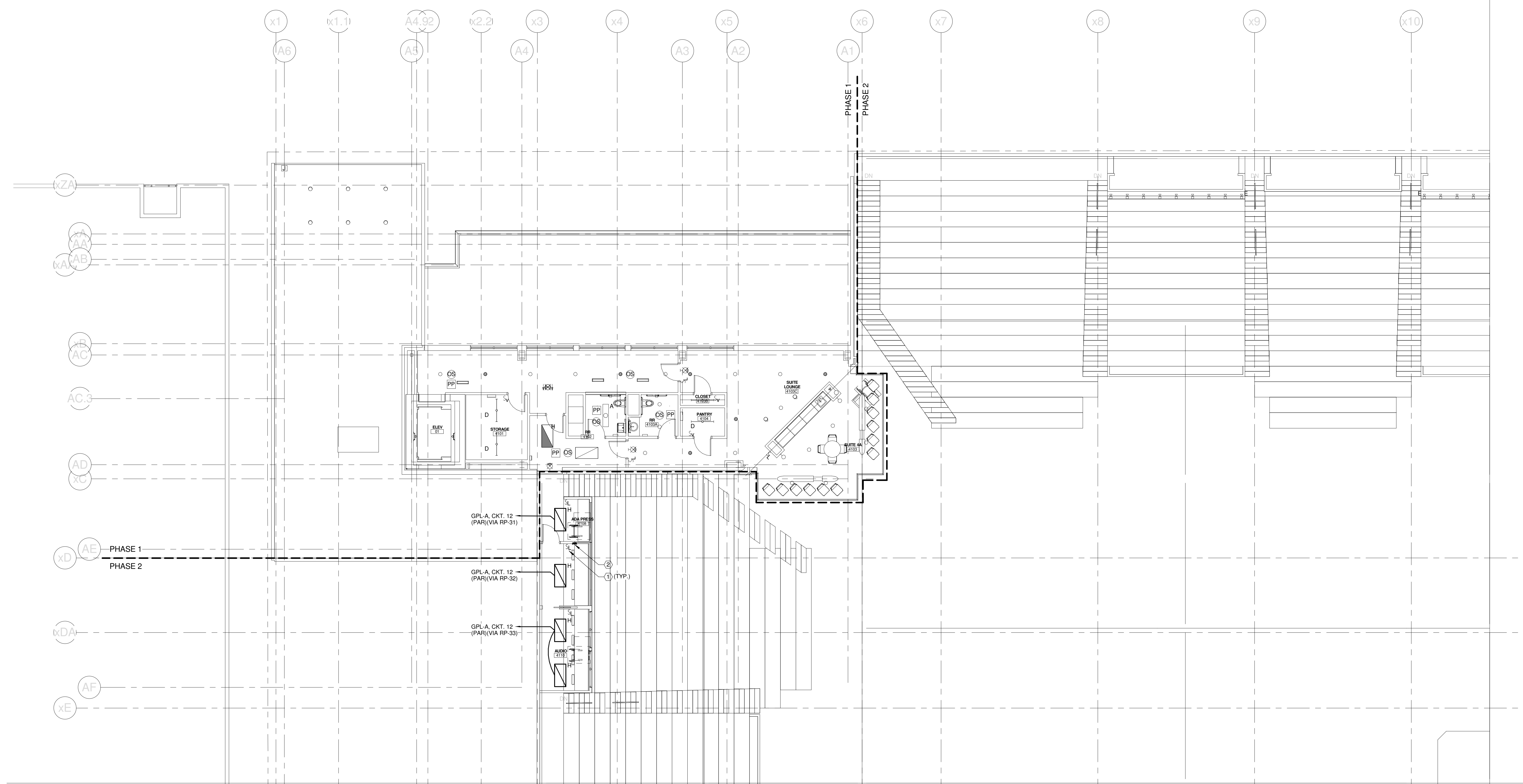
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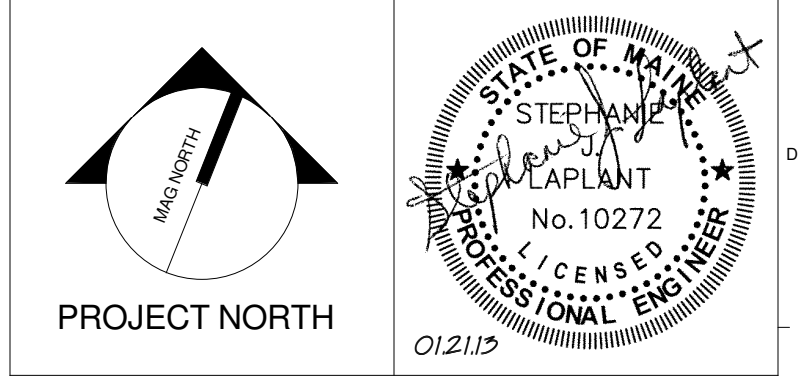
TECHNICAL NOTES:

- ① LOW VOLTAGE LIGHTING SWITCH - CONNECTION TO EXISTING LIGHTING CONTROL SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL A7/E5.03 FOR MORE INFORMATION.
- ② LOW VOLTAGE TOUCH PANEL FOR LIGHTING CONTROL SYSTEM - CONNECTION TO EXISTING LIGHTING SYSTEM NOT SHOWN FOR CLARITY. REFER TO DETAIL A7/E5.03 FOR MORE INFORMATION.



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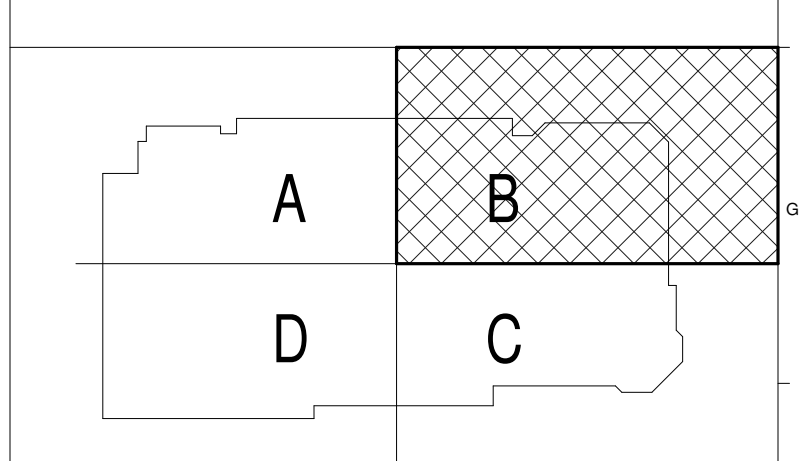
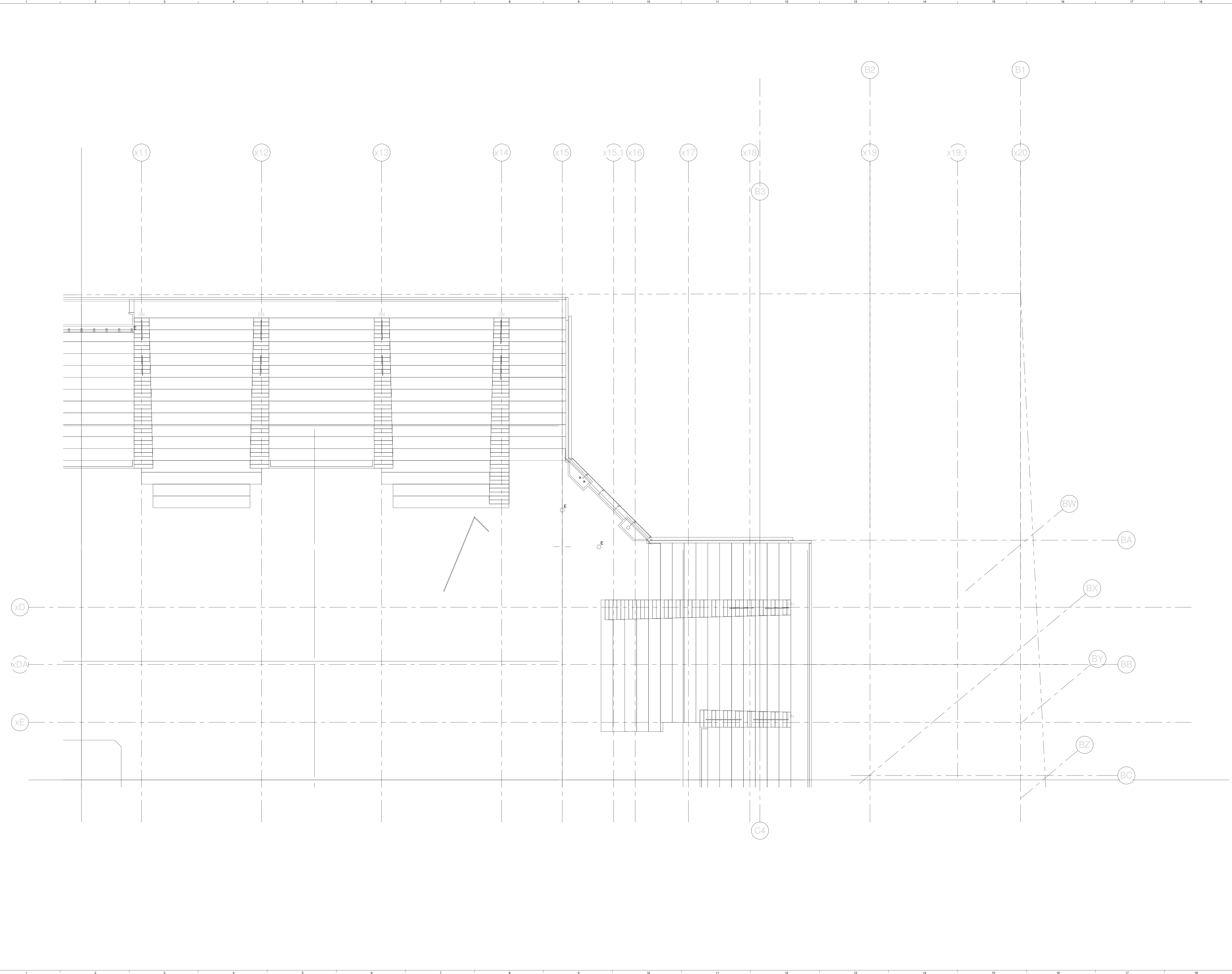
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
UPPER SUITES LEVEL LIGHTING PLAN - QUAD A

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PROJECT MANAGER: JRB	SHEET No. E1.41B
DRAWN BY: KRM	CHECKED BY: S.J.L.

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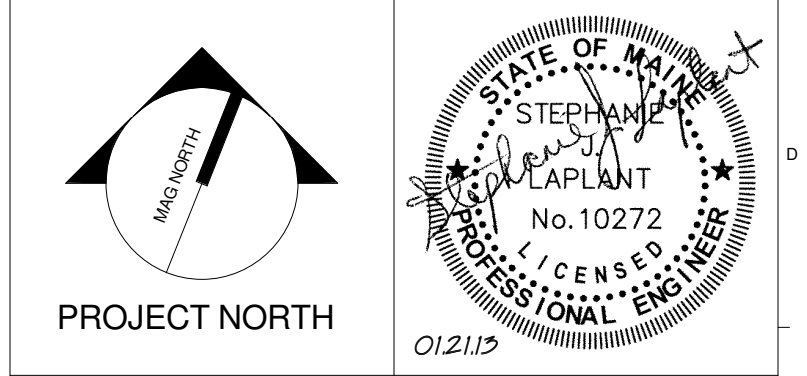
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
UPPER SUITES LEVEL LIGHTING PLAN - QUAD B

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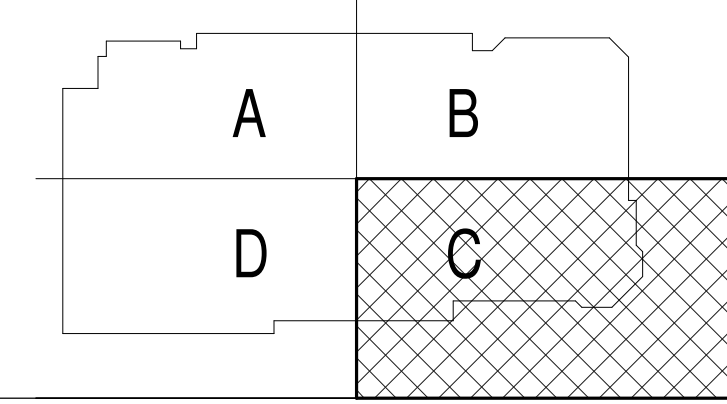
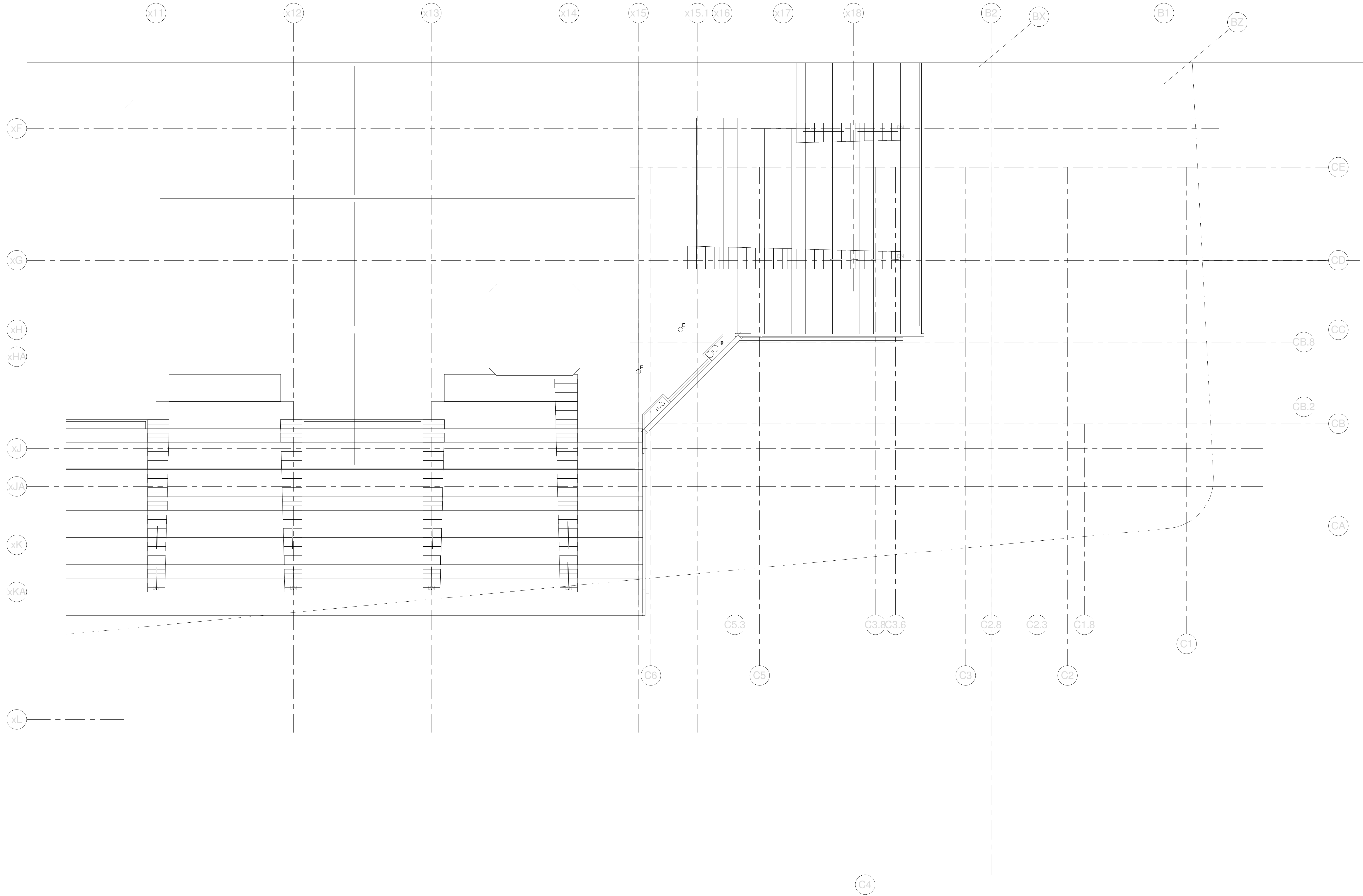
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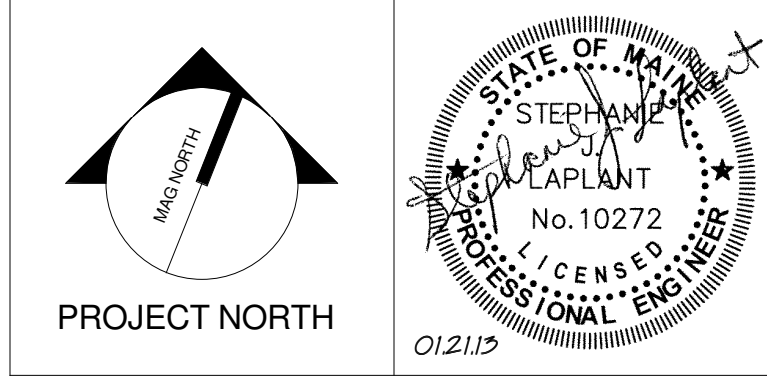
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME

UPPER SUITES LEVEL LIGHTING PLAN - QUAD C

WBRC CAD FILE: C:\Users\jlmahar\Documents\375700 - CCCC Electrical_Lyte.mahar.rvt	GRAPHIC SCALE: 1" = 1'
PROJECT No. 375700	DATE
SCALE 1/8" = 1'-0"	
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CHECKED BY: SLL	

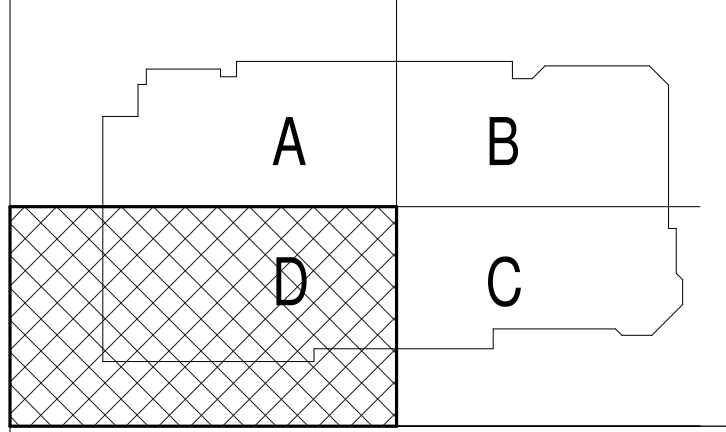
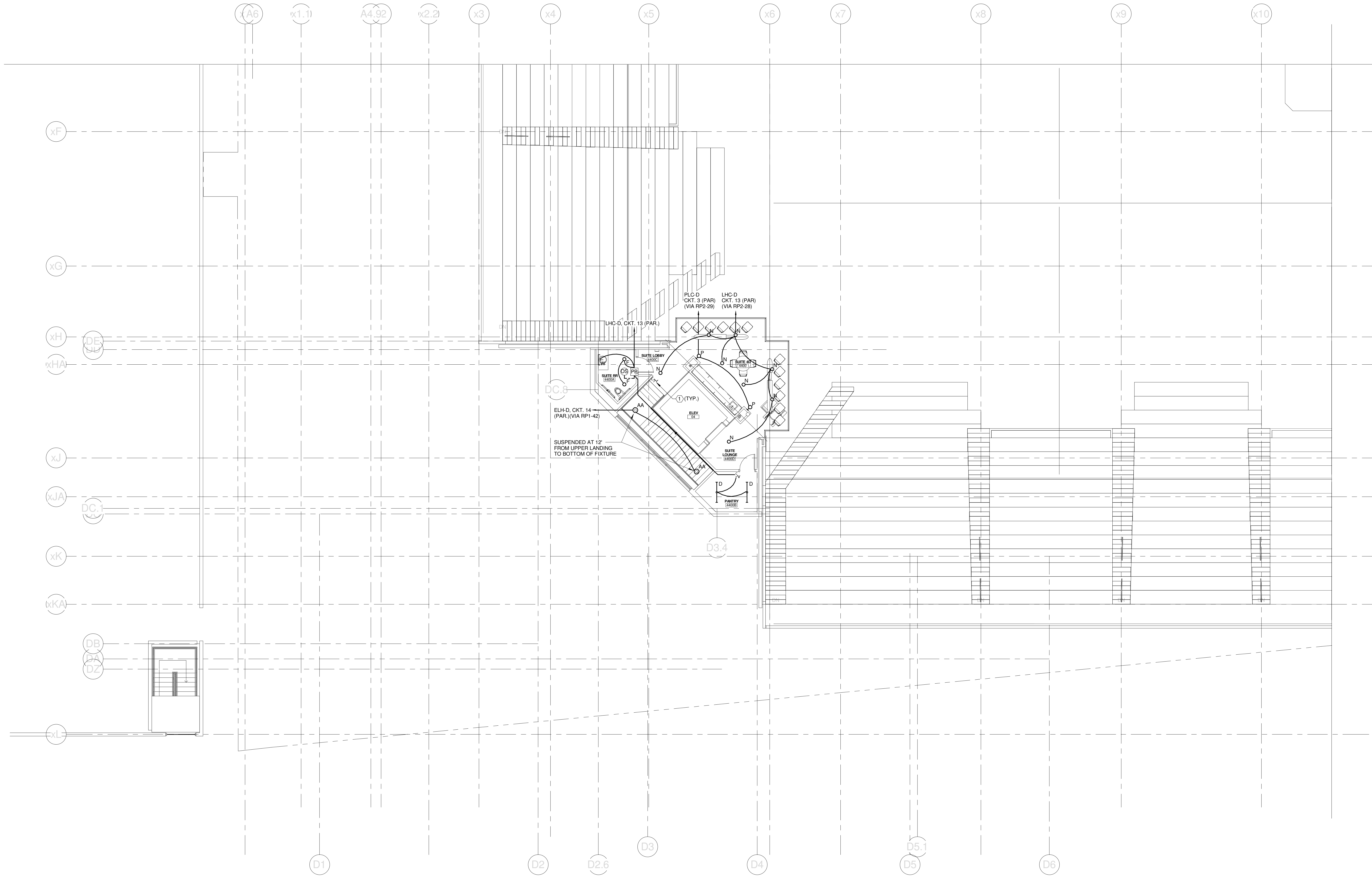
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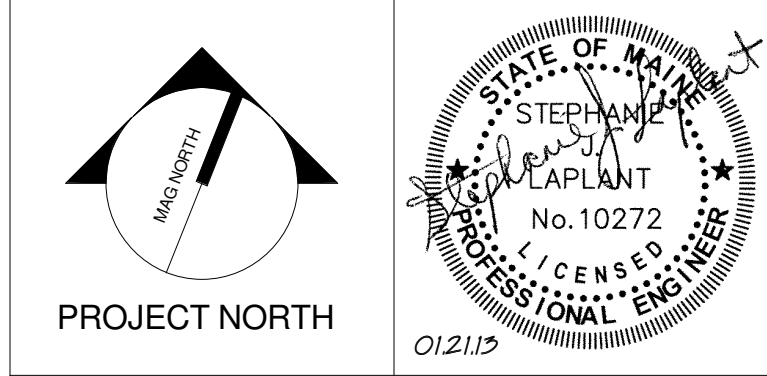
TECHNICAL NOTES:

- ① LOW VOLTAGE SWITCH FOR LIGHTING CONTROL SYSTEM - CONNECTION TO EXISTING LIGHTING SYSTEM NOT SHOWN FOR CLARITY - REFER TO DETAIL A7/E5.03 FOR MORE INFORMATION.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME

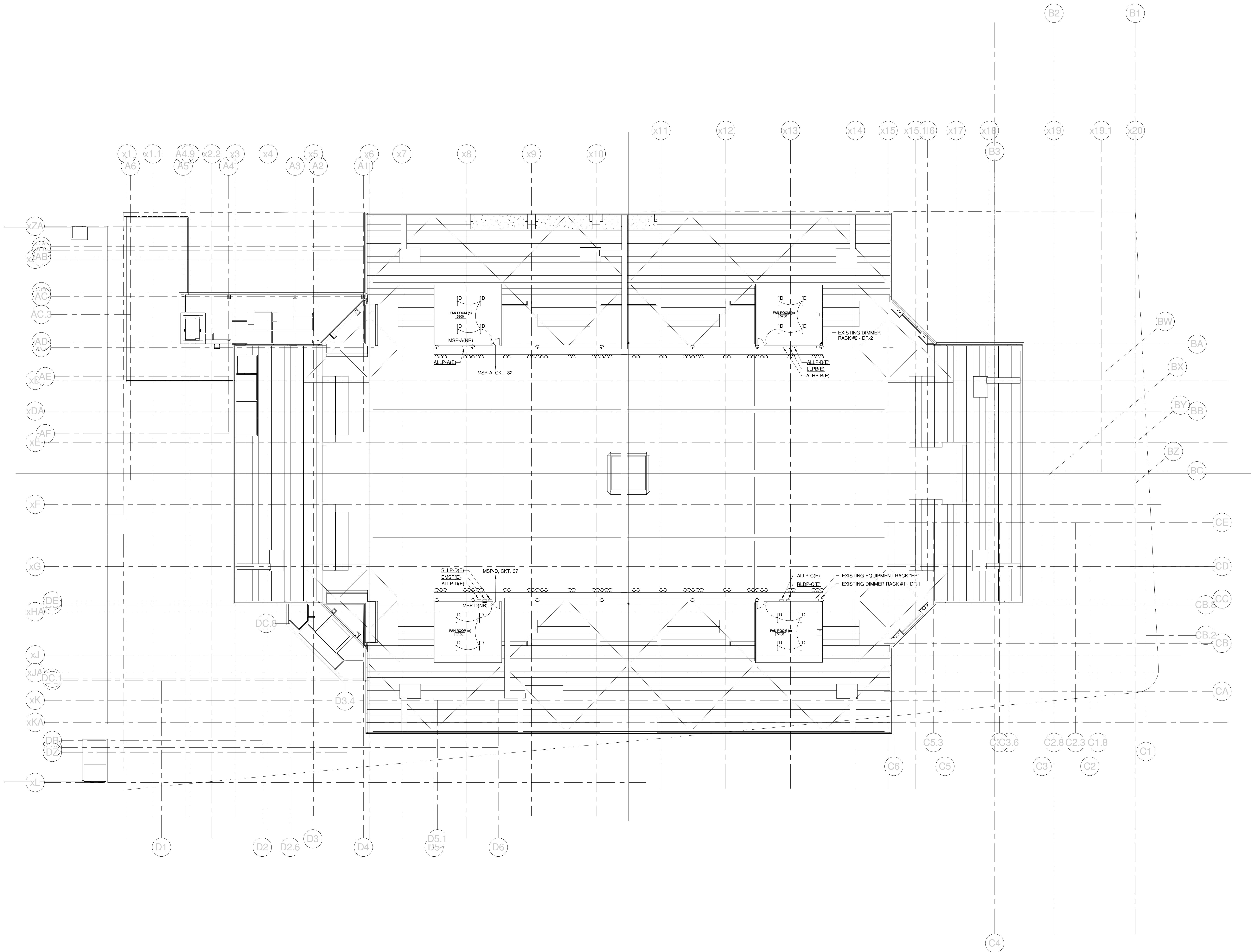
UPPER SUITES LEVEL LIGHTING PLAN - QUAD D

PROJECT No.	375700	GRAPHIC SCALE	1" = 10'
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PROJECT MANAGER	JRB	SHEET No.	E1.44B
DRAWN BY	KRM		
CHECKED BY	SJL		

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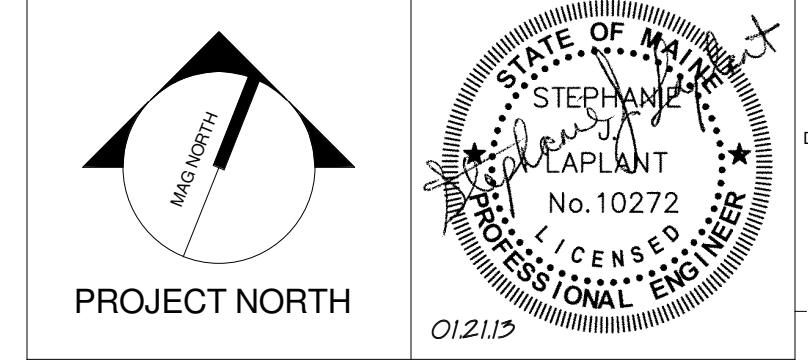
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D	C

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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
CATWALK LEVEL LIGHTING PLAN

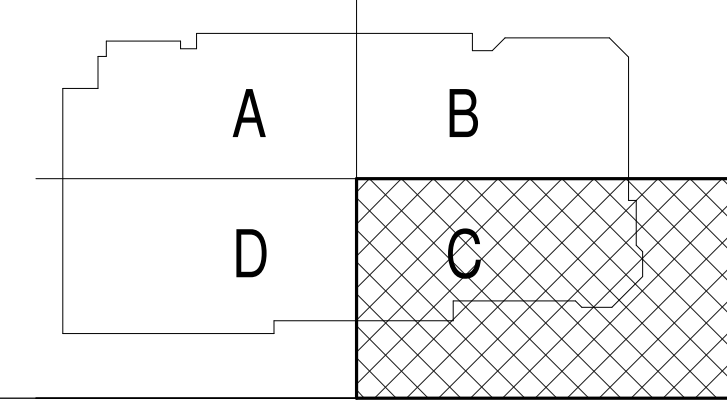
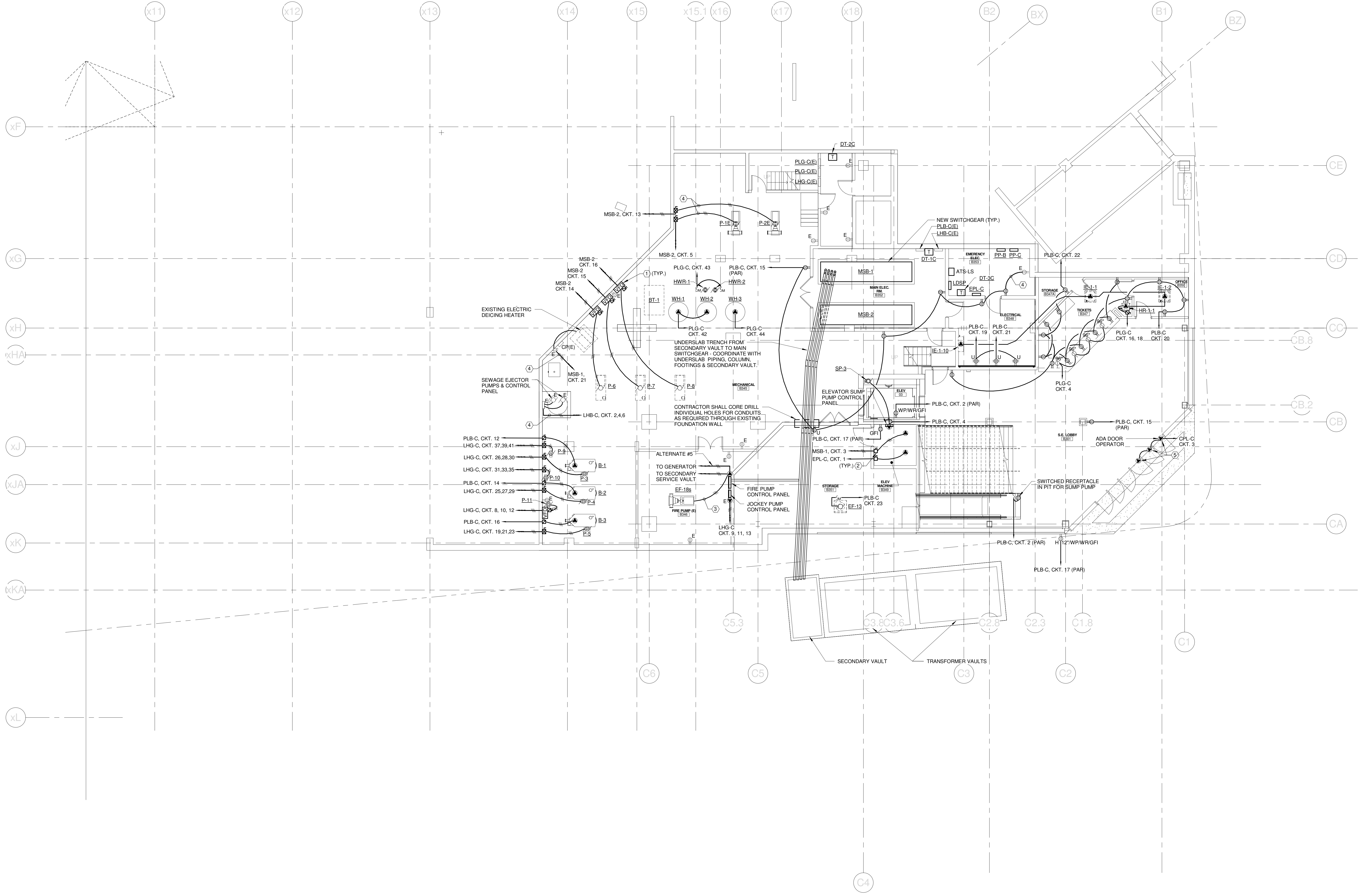
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SCALE: 1/16" = 1'-0"	
PROJECT MANAGER: JRB	SHEET No.
DRAWN BY: KRM	E1.50B
CHECKED BY: SJL	

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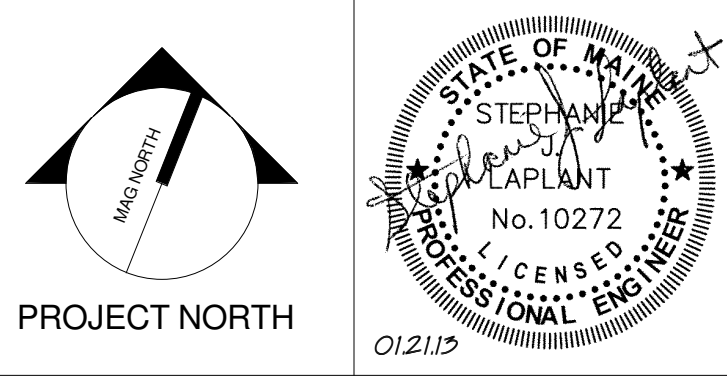
TECHNICAL NOTES:

- ① VFD'S AND ASSOCIATED DISCONNECTS PROVIDED BY DIV. 23. ALL LINE VOLTAGE CONNECTIONS BETWEEN ASSOCIATED VFD'S, DISCONNECTS AND MOTORS PROVIDED BY DIV. 26.
- ② SHUNT TRIP CIRCUIT BREAKER.
- ③ CONNECT EXISTING FIRE PUMP TO NEW CONTROL PANEL.
- ④ REFEED EXISTING EQUIPMENT OR DEVICE FROM DIFFERENT POWER SOURCE AS INDICATED.
- ⑤ ELECTRICALLY ACTUATED DOOR TO OPEN UPON ACTIVATION OF SMOKE CONTROL SYSTEM.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
MECHANICAL LEVEL POWER PLAN

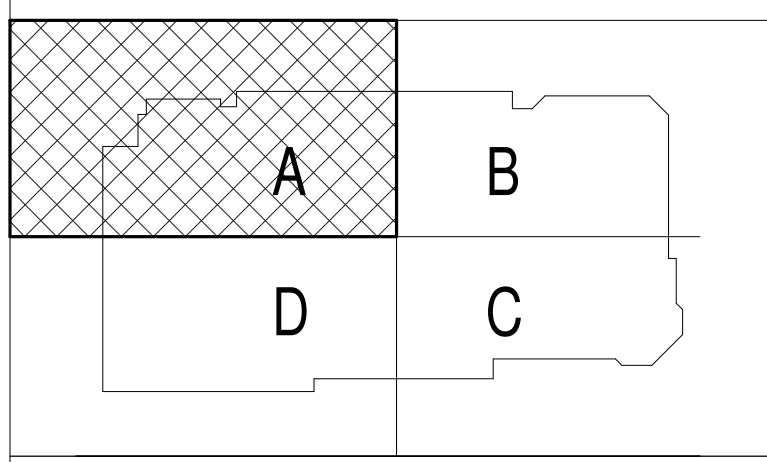
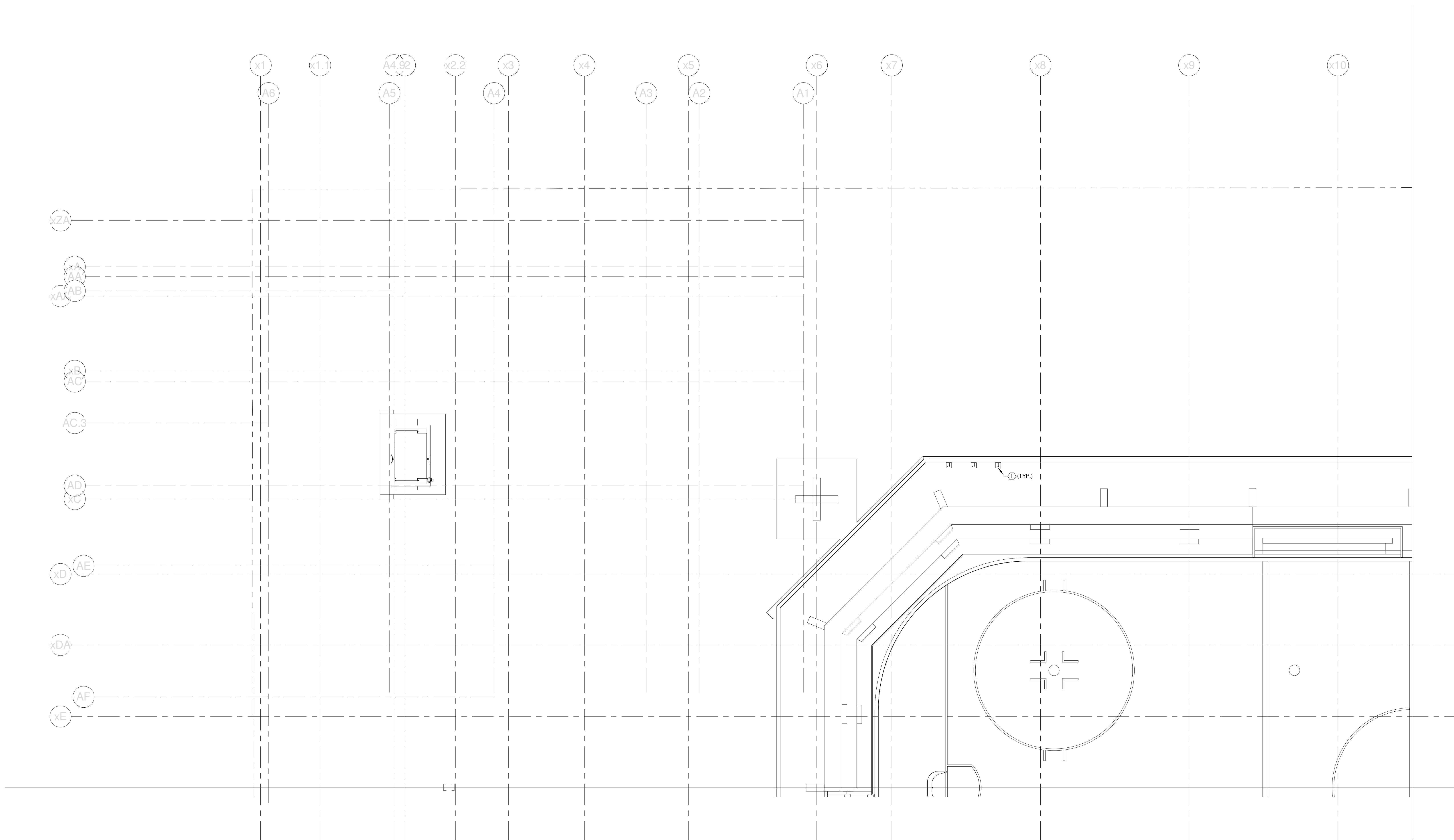
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PROJECT No.	375700
SCALE	1/8" = 1'-0"
PROJECT MANAGER	JRB
DRAWN BY	KRM
CHECKED BY	SJL

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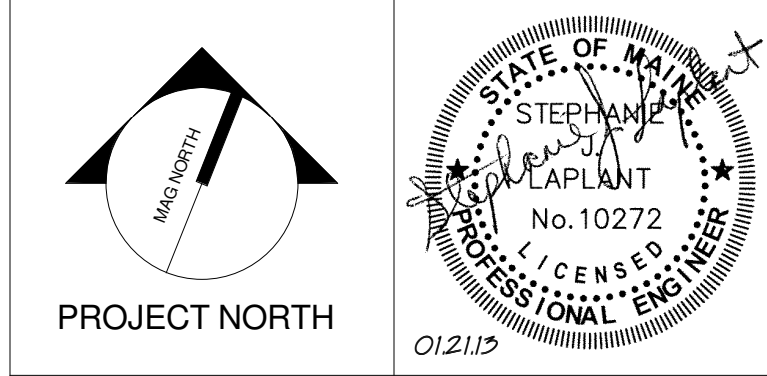
TECHNICAL NOTES:

- ① PROVIDE JUNCTION BOX TO EXTEND EXISTING BRANCH CIRCUITS TO NEW PANEL LOCATIONS AT MID-SITE LEVEL. SIZE BOX AS REQUIRED BY NEC ARTICLE 314.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
EVENT LEVEL POWER PLAN - QUAD A

WBRC CAD FILE: C:\Users\jaye.mahar\Documents\375700 - CCCC Electrical\jaye.mahar.rvt	GRAPHIC SCALE: 1" = 10'
PROJECT No. 375700	SCALE 1/8" = 1'-0"
PROJECT MANAGER: JRB	SHEET No. E2.11B
DRAWN BY: KRM	CHECKED BY: SLL

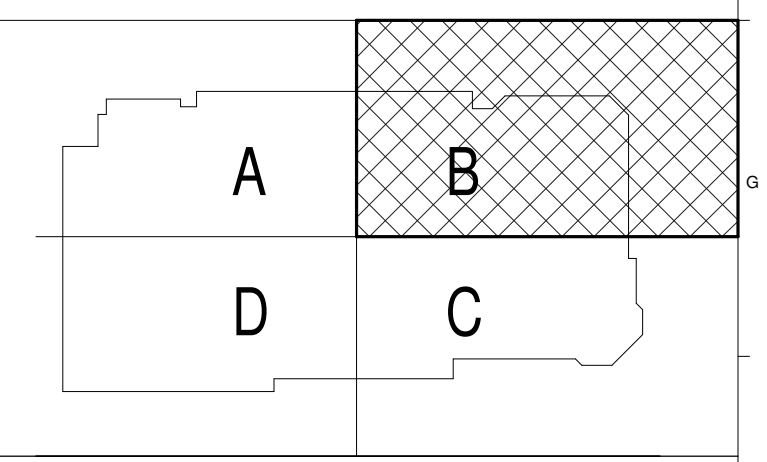
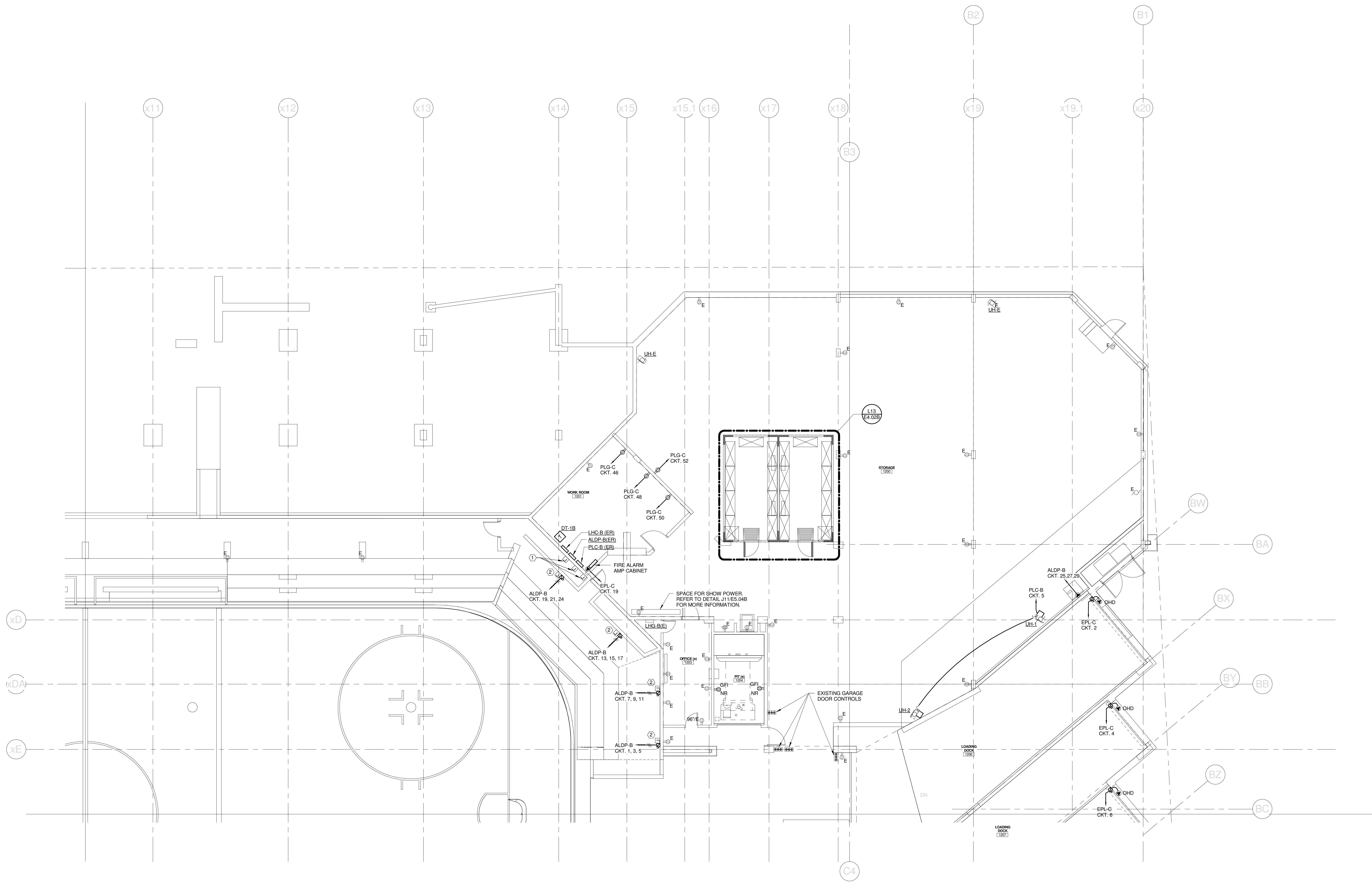
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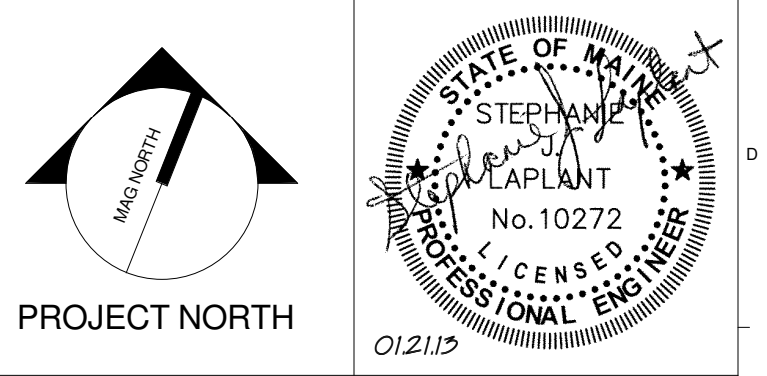
TECHNICAL NOTES:

- ① PROVIDE JUNCTION BOX TO EXTEND EXISTING BRANCH CIRCUITS TO NEW PANEL LOCATION. SIZE BOX AS REQUIRED BY NEC ARTICLE 314.
- ② 12" X 12" SURFACE MOUNTED JUNCTION BOX FOR TELESCOPIC PLATFORMS. POWER SHALL BE 20A, 208V, 3 PHASE, 5 WIRE.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
EVENT LEVEL POWER PLAN - QUAD B

WBRC CAD FILE: C:\Users\jaye.mahar\Documents\375700 - CCCC Electrical\jaye.mahar.rvt	GRAPHIC SCALE: 1" = 10'
PROJECT No. 375700	SCALE: 1/8" = 1'-0"
PROJECT MANAGER: JRB	SHEET No. E2.12B
DRAWN BY: KRM	CHECKED BY: SJL

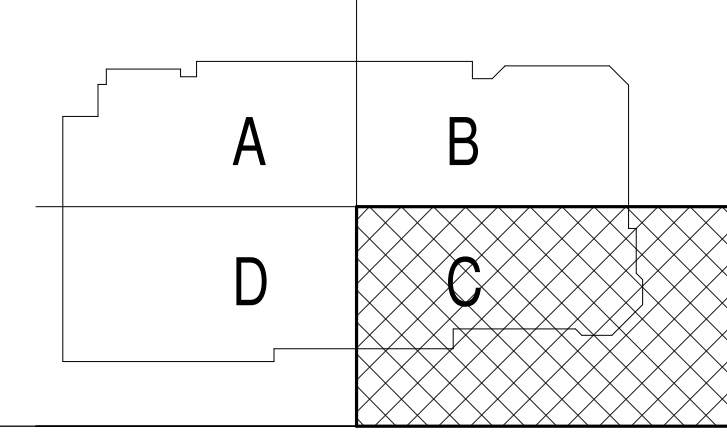
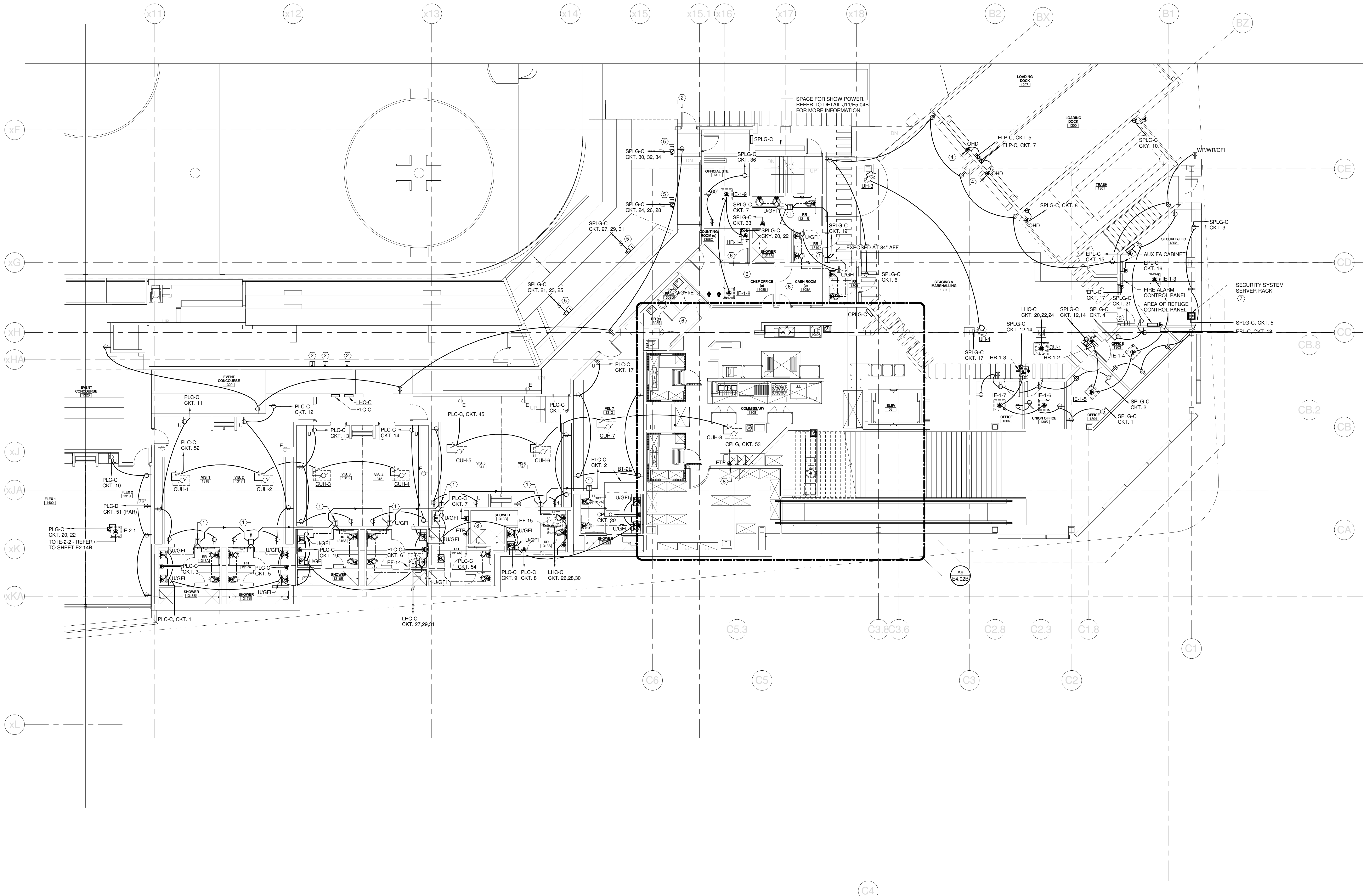
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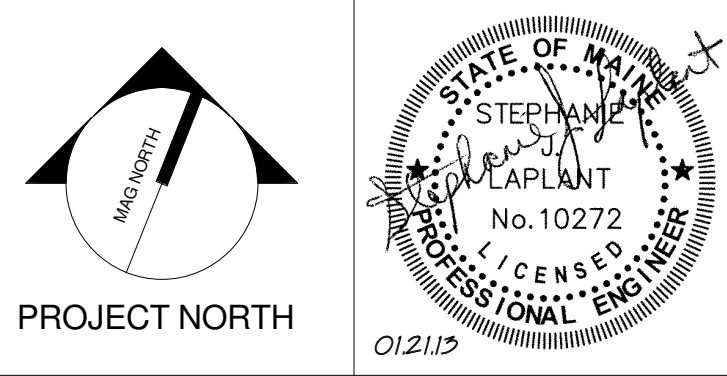
TECHNICAL NOTES:

- ① HANDS FREE DEVICE TRANSFORMER - TRANSFORMER & ASSOCIATED HANDS FREE DEVICES PROVIDED & INSTALLED BY DIV. 22. ALL WIRING ASSOCIATED WITH HANDS FREE SYSTEM BY DIV. 26. REFER TO DETAIL MBES.02 FOR MORE INFORMATION. TRANSFORMER SHALL BE MOUNTED ABOVE NEAREST ACCESSIBLE CEILING.
- ② PROVIDE JUNCTION BOX TO EXTEND EXISTING BRANCH CIRCUITS TO NEW PANEL LOCATION. SIZE BOX AS REQUIRED BY NEC ARTICLE 314.
- ③ HVAC CONTROL POWER.
- ④ ELECTRICALLY ACTUATED DOOR TO OPEN UPON ACTIVATION OF SMOKE CONTROL SYSTEM.
- ⑤ 12" X 12" SURFACE MOUNTED JUNCTION BOX FOR TELESCOPIC PLATFORMS. POWER SHALL BE 208V, 3-PHASE, 5 WIRE.
- ⑥ REFEED EXISTING RECEPTACLES IN THIS ROOM FROM PANEL SPLG-C. MAINTAIN EXISTING CIRCUITING TO THE EXTENT POSSIBLE.
- ⑦ SECURITY SYSTEM RACK SHALL BE SAME AS BDF WALL RACKS.
- ⑧ ELECTRONIC TRAP PRIMER - PROVIDED AND INSTALLED BY DIV. 22. ALL WIRING ASSOCIATED WITH TRAP PRIMER SHALL BE BY DIV. 26. REFER TO PLUMBING DETAILS FOR MORE INFORMATION.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
 PROJECT: PORTLAND, ME
EVENT LEVEL POWER PLAN - QUAD C

SHEET TITLE	EVENT LEVEL POWER PLAN - QUAD C
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PROJECT No.	375700
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PROJECT MANAGER	JRB
DRAWN BY	KRM
CHECKED BY	SJL
SHEET No.	E2.13B

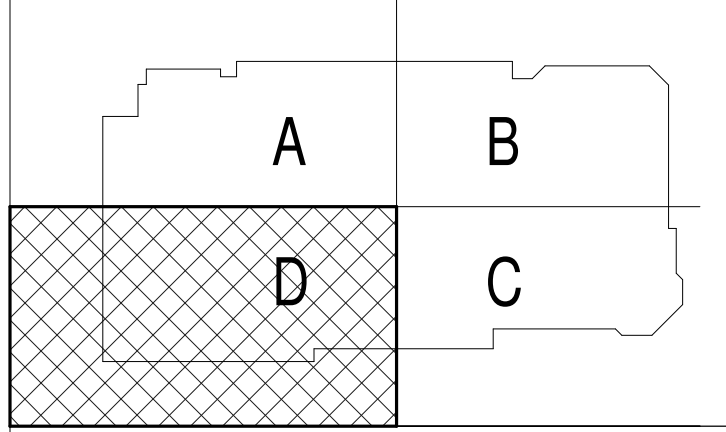
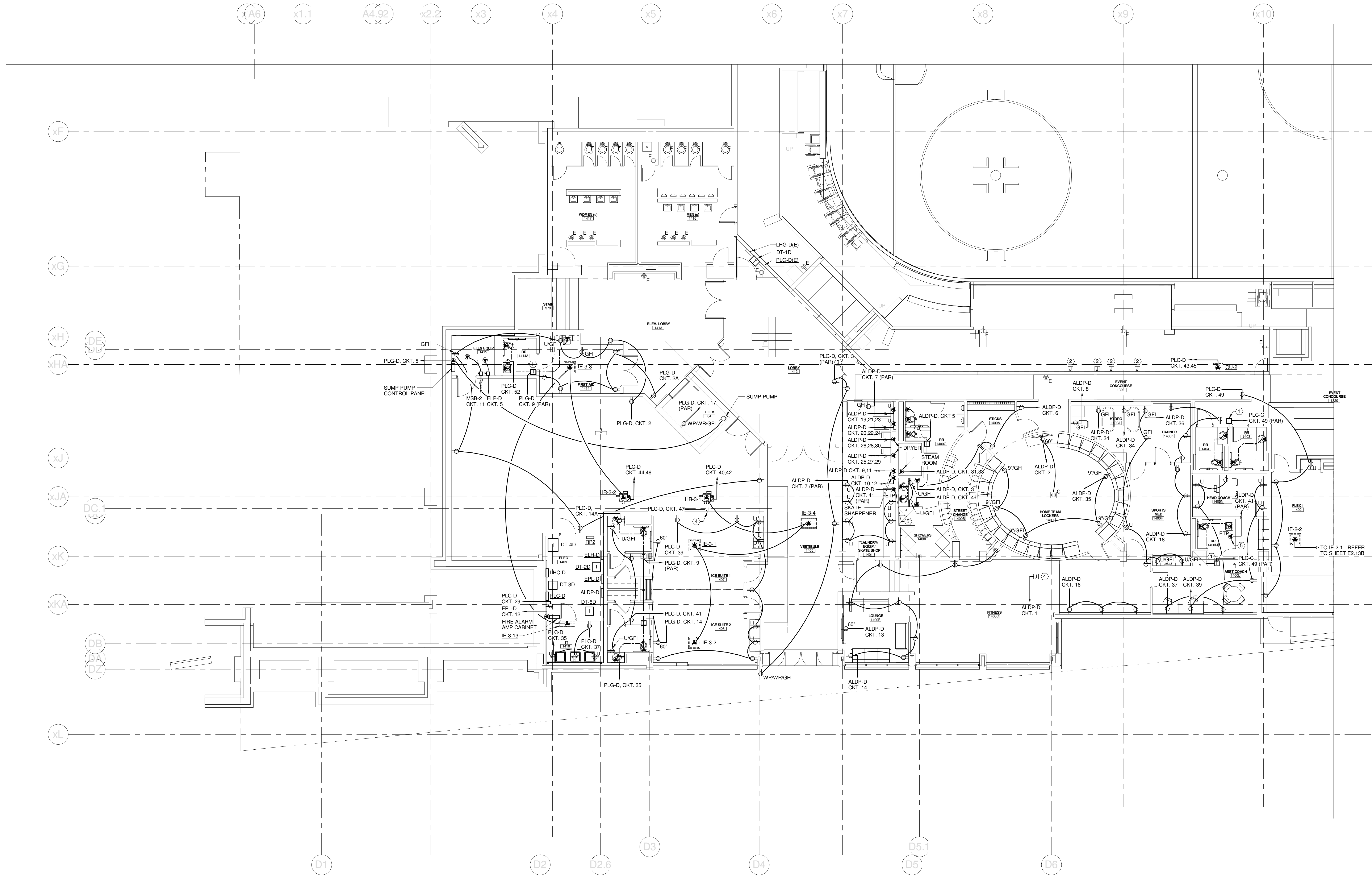
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TECHNICAL NOTES:

- ① HANDS FREE DEVICE TRANSFORMER - TRANSFORMER & ASSOCIATED HANDS FREE DEVICES PROVIDED & INSTALLED BY DIV. 22. ALL WIRING ASSOCIATED WITH HANDS FREE SYSTEM BY DIV. 26. REFER TO DETAIL MBES.02 FOR MORE INFORMATION. TRANSFORMER SHALL BE MOUNTED ABOVE NEAREST ACCESSIBLE CEILING.
- ② PROVIDE JUNCTION BOX TO EXTEND EXISTING BRANCH CIRCUITS TO NEW PANEL LOCATION. SIZE BOX AS REQUIRED BY NEC ARTICLE 314.
- ③ PARTIAL CIRCUIT - EXISTING LOADS SHALL ALSO SHARE THIS CIRCUIT.
- ④ HVAC CONTROL POWER.
- ⑤ ELECTRONIC TRAP PRIMER - PROVIDED AND INSTALLED BY DIV. 22. ALL WIRING ASSOCIATED WITH TRAP PRIMER SHALL BE BY DIV. 26. REFER TO PLUMBING DETAILS FOR MORE INFORMATION.

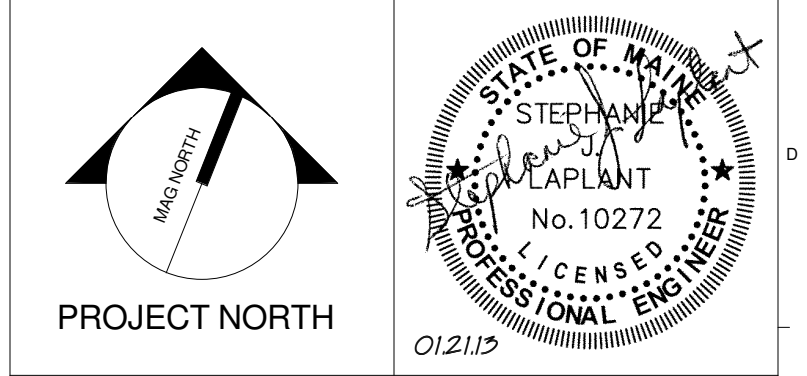


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME

EVENT LEVEL POWER PLAN - QUAD D

SHEET TITLE	EVENT LEVEL POWER PLAN - QUAD D	
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PROJECT MANAGER	JRB	SHEET No.
DRAWN BY	KRM	E2.14B
CHECKED BY	SJL	

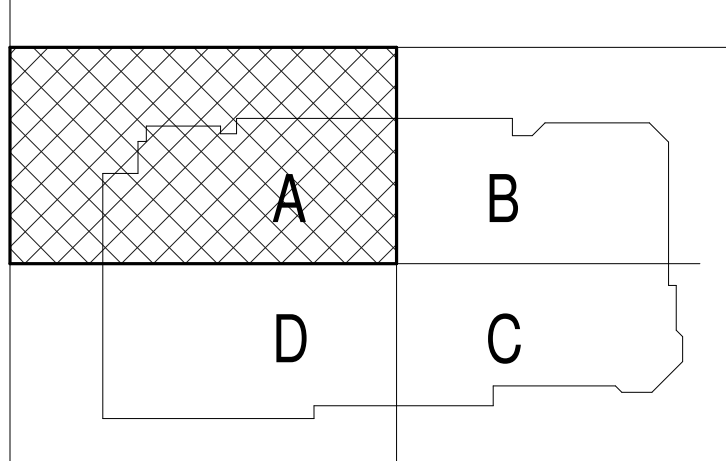
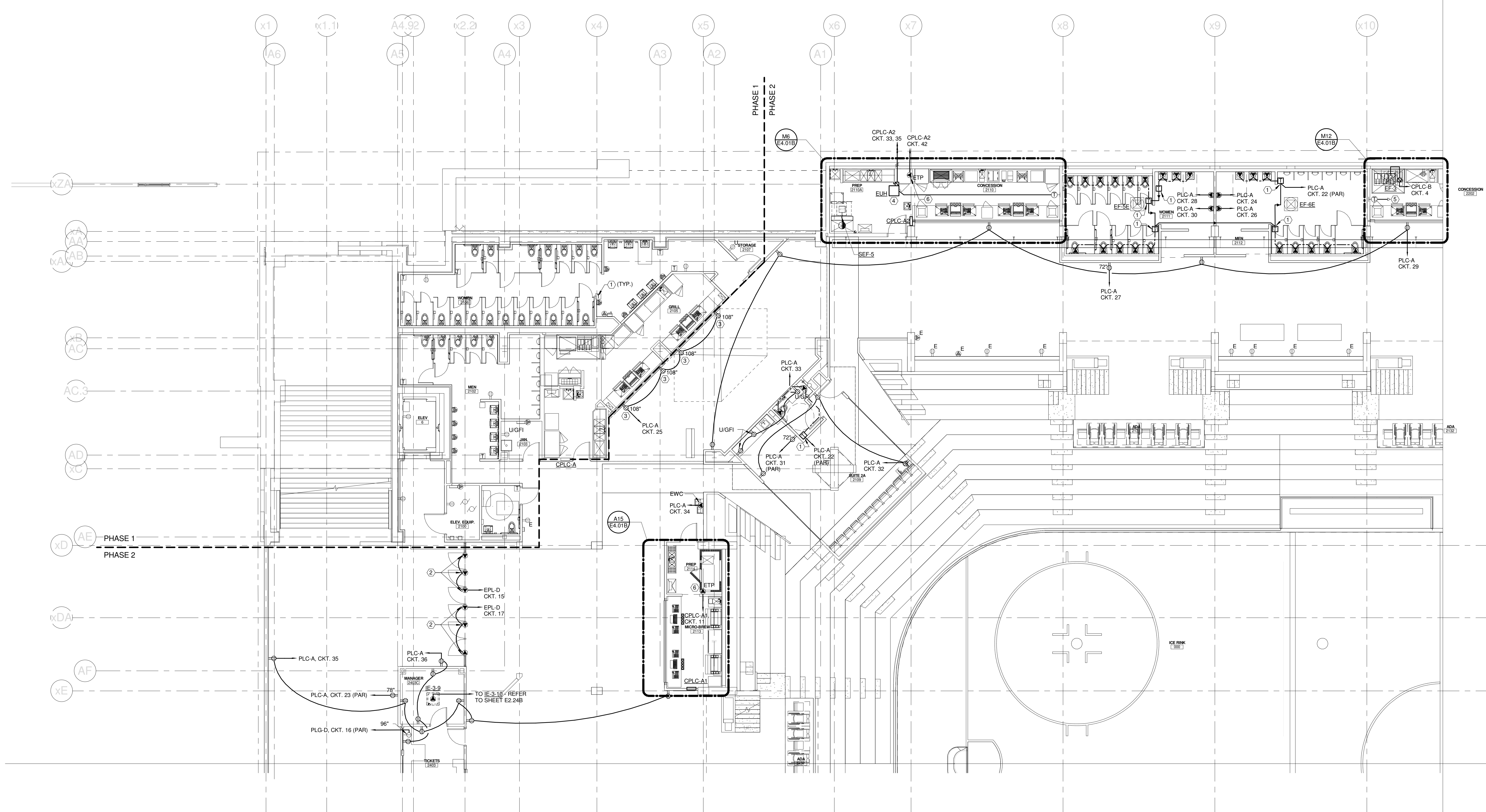
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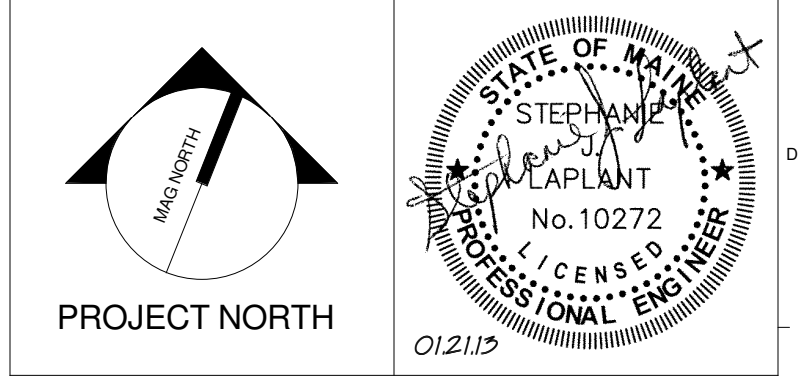
TECHNICAL NOTES:

- ① HANDS FREE DEVICE TRANSFORMER - TRANSFORMER & ASSOCIATED HANDS FREE DEVICES PROVIDED & INSTALLED BY DIV. 22. ALL ASSOCIATED WIRING ASSOCIATED WITH HANDS FREE SYSTEM BY DIV. 26. REFER TO DETAIL M8E5.02 FOR MORE INFORMATION. TRANSFORMER SHALL BE MOUNTED ABOVE NEAREST ACCESSIBLE CEILING.
- ② ELECTRICALLY ACTUATED DOOR TO OPEN UPON ACTIVATION OF SMOKE CONTROL SYSTEM
- ③ MOUNT TO FACE OF SOFFIT - REFER TO SECTION 1/A3.32 FOR MORE INFORMATION.
- ④ ELECTRIC UNIT HEATER, EQUAL TO TRACE MODEL #JHC7031A2/0050010000. CEILING SURFACE MOUNT WITH INTEGRAL DISCONNECT SWITCH. WALL MOUNT THERMOSTAT AS NOTED.
- ⑤ CONNECT THERMOSTAT TO ELECTRIC UNIT HEATER IN PREP 2201. REFER TO SHEET E2.22B FOR MORE INFORMATION.
- ⑥ ELECTRONIC TRAP PRIMER - PROVIDED AND INSTALLED BY DIV. 22. ALL WIRING ASSOCIATED WITH TRAP PRIMER SHALL BE BY DIV. 26. REFER TO PLUMBING DETAILS FOR MORE INFORMATION.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
CONOURSE LEVEL POWER PLAN - QUAD A

PROJECT No.	375700	GRAPHIC SCALE	1" = 1'-0"
SCALE	1/8" = 1'-0"		
PROJECT MANAGER	JRB	SHEET No.	E2.21B
DRAWN BY	KRM		
CHECKED BY	SJL		

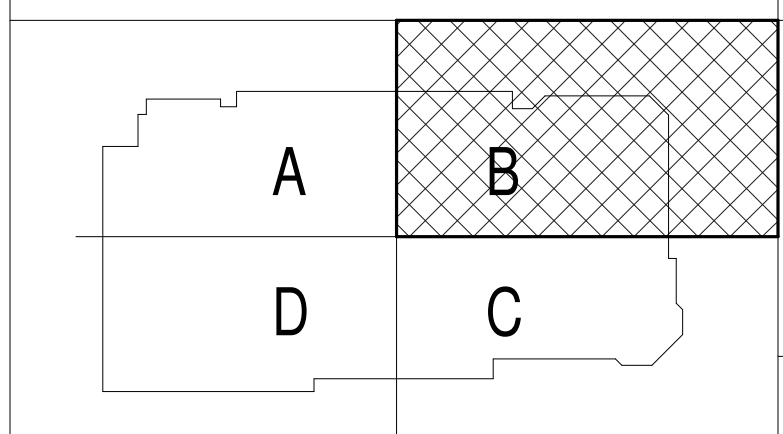
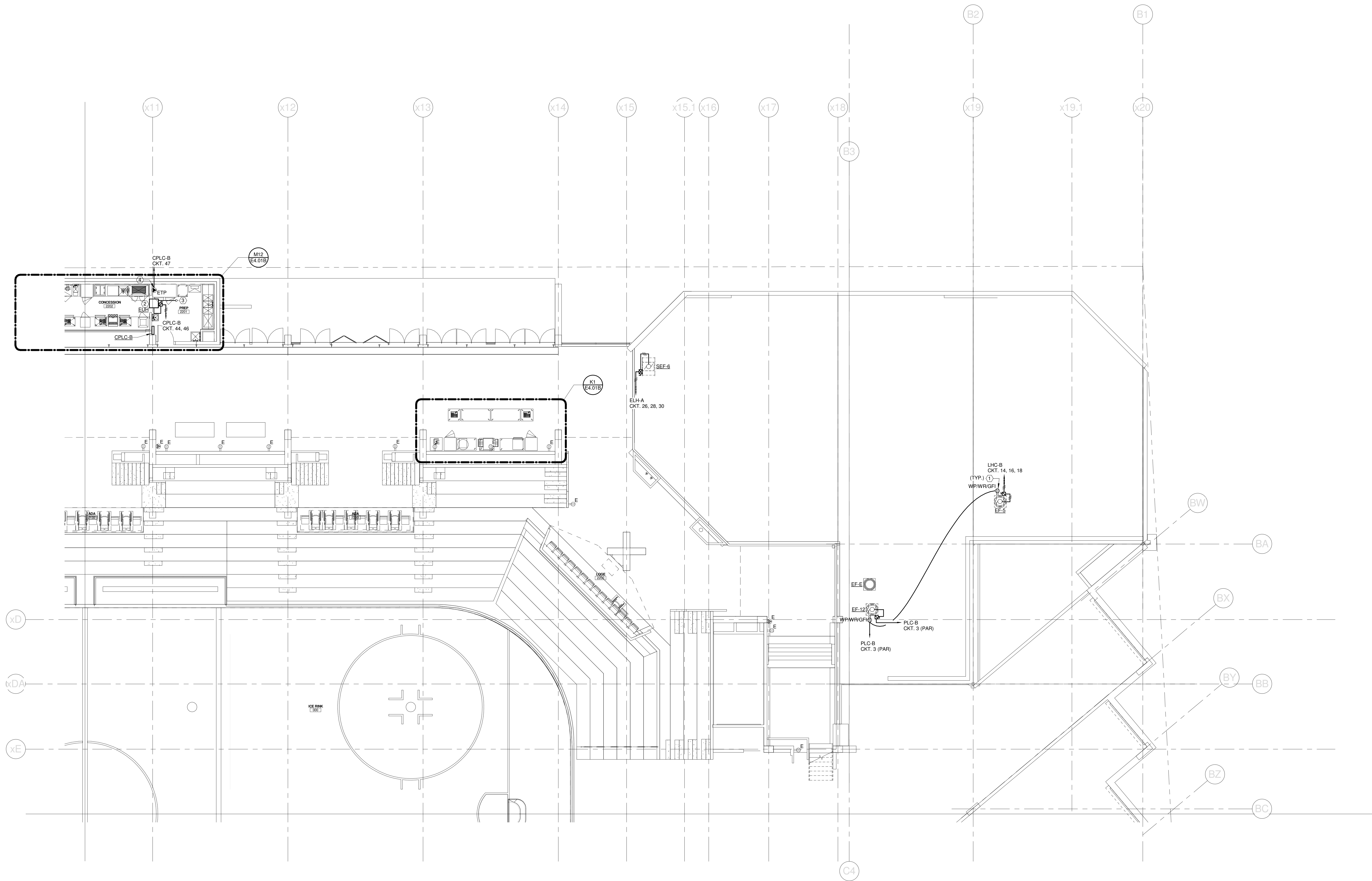
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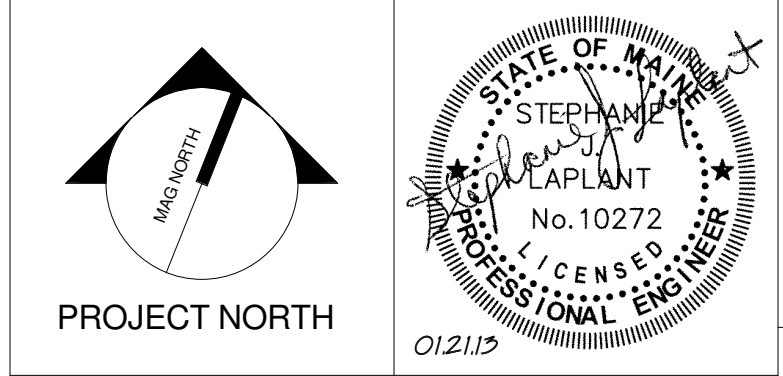
TECHNICAL NOTES:

- ① MOUNT ON ROOFTOP EQUIPMENT CURB
- ② ELECTRIC UNIT HEATER, EQUAL TO TRACE MODEL #UHC-031A2-0050010000. CEILING SURFACE MOUNT WITH INTEGRAL DISCONNECT SWITCH. WALL MOUNT THERMOSTAT AS NOTED.
- ③ CONNECT TO THERMOSTAT IN CONCESSION 2202. REFER TO SHEET E2.21B FOR MORE INFORMATION.
- ④ ELECTRONIC TRAP PRIMER - PROVIDED AND INSTALLED BY DIV. 22. ALL WIRING ASSOCIATED WITH TRAP PRIMER SHALL BE BY DIV. 26. REFER TO PLUMBING DETAILS FOR MORE INFORMATION.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME

CONOURSE LEVEL POWER PLAN - QUAD B

PROJECT No.	375700	GRAPHIC SCALE	1" = 10'
SCALE	1/8" = 1'-0"		
PROJECT MANAGER	JRB	SHEET No.	E2.22B
DRAWN BY	KRM		
CHECKED BY	SJL		

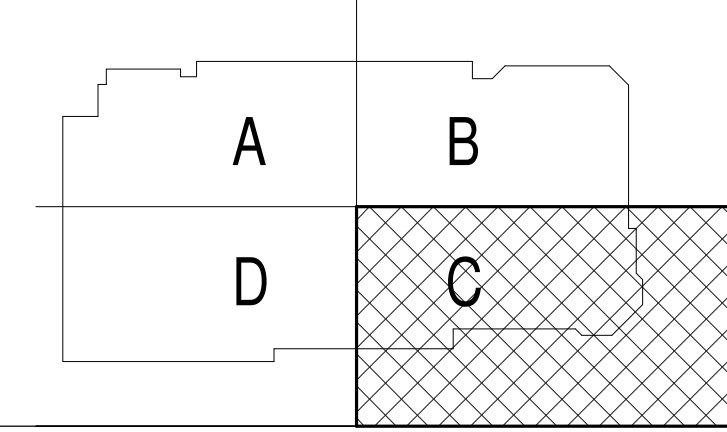
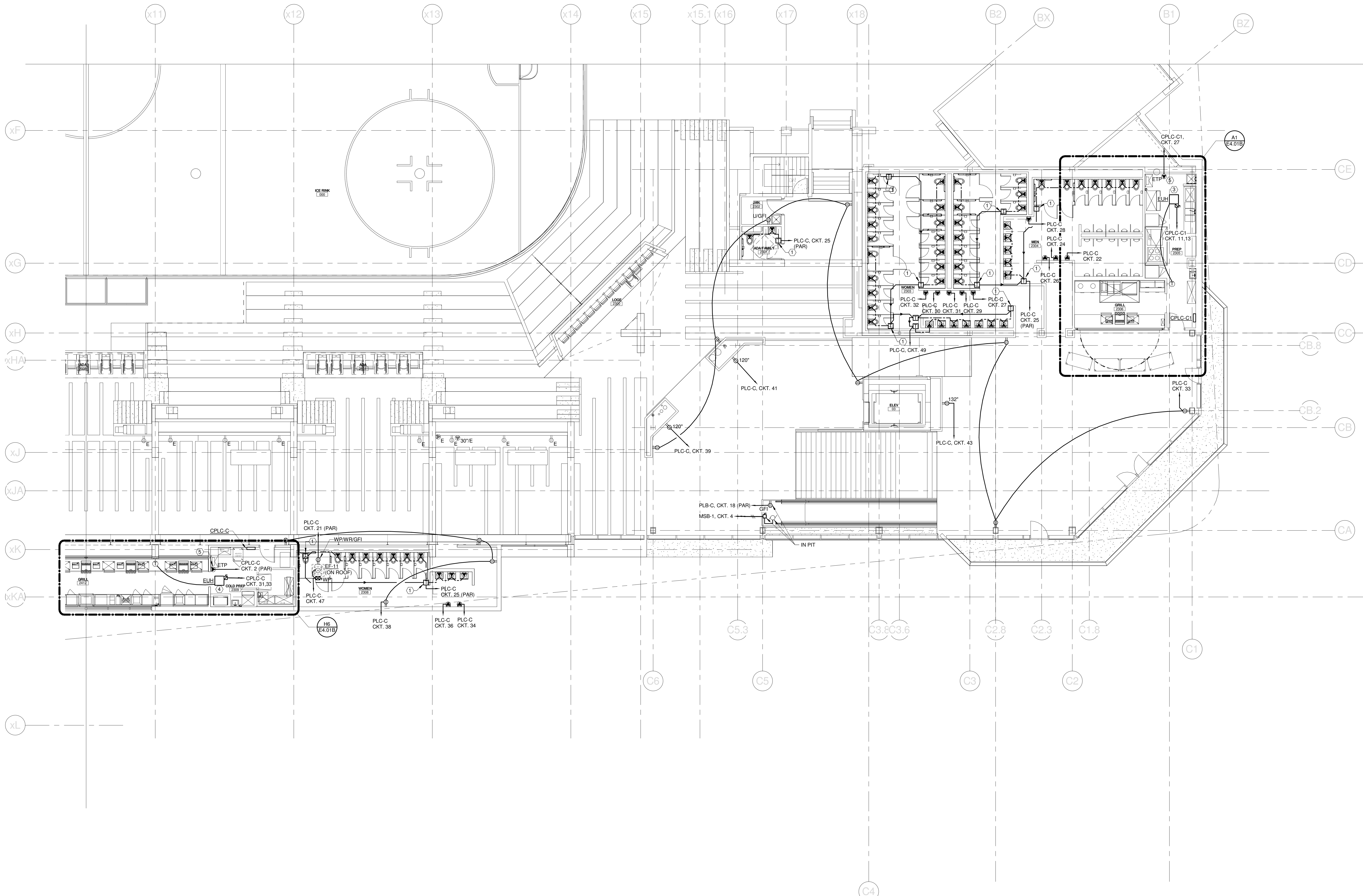
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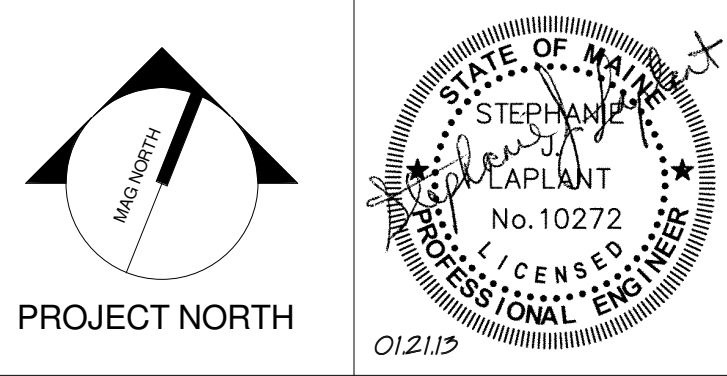
TECHNICAL NOTES:

- ① HANDS FREE DEVICE TRANSFORMER - TRANSFORMER & ASSOCIATED HANDS FREE DEVICES PROVIDED & INSTALLED BY DIV. 22. ALL ASSOCIATED WIRING ASSOCIATED WITH HANDS FREE SYSTEM BY DIV. 26. REFER TO DETAIL M11.E5.02 FOR MORE INFORMATION. TRANSFORMER SHALL BE MOUNTED ABOVE NEAREST ACCESSIBLE CEILING.
- ② JUNCTION BOX WITH 1" EMPTY CONDUIT & PULL STRING TO ELEC. B4 FOR POWER FOR FUTURE OS/OI RIBBON BOARDS.
- ③ ELECTRONIC UNIT HEATER, EQUAL TO TRANE MODEL #UHC041AF00S00010000. CEILING RECESSED WITH INTEGRAL DISCONNECT SWITCH. WALL MOUNT THERMOSTAT AS NOTED.
- ④ ELECTRONIC UNIT HEATER, EQUAL TO TRANE MODEL #UHC031AF00S00010000. CEILING RECESSED WITH INTEGRAL DISCONNECT SWITCH. WALL MOUNT THERMOSTAT AS NOTED.
- ⑤ ELECTRONIC TRAP PRIMER - PROVIDED AND INSTALLED BY DIV. 22. ALL WIRING ASSOCIATED WITH TRAP PRIMER SHALL BE BY DIV. 26. REFER TO PLUMBING DETAILS FOR MORE INFORMATION.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
CONCOURSE LEVEL POWER PLAN - QUAD C

SHEET TITLE
WBRC CAD FILE: C:\Users\jlmahar\Documents\375700 - CCCC Electrical_1\jlmahar.rvt
PROJECT No. **375700** GRAPHIC SCALE: 1" = 10'
SCALE: 1/8" = 1'-0"
PROJECT MANAGER: JRB SHEET No. **E2.23B**
DRAWN BY: KRM
CHECKED BY: SJL

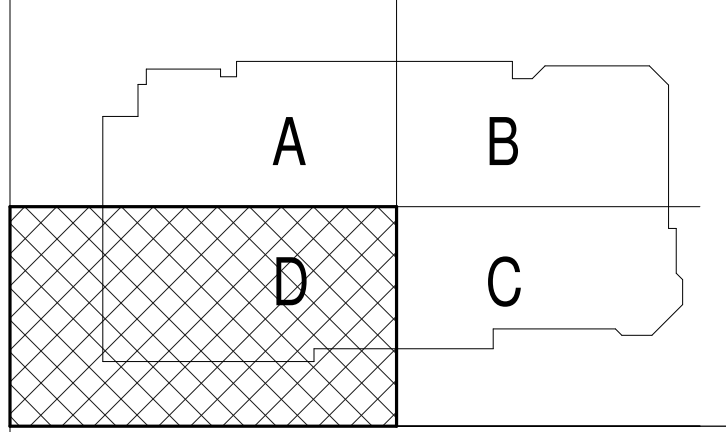
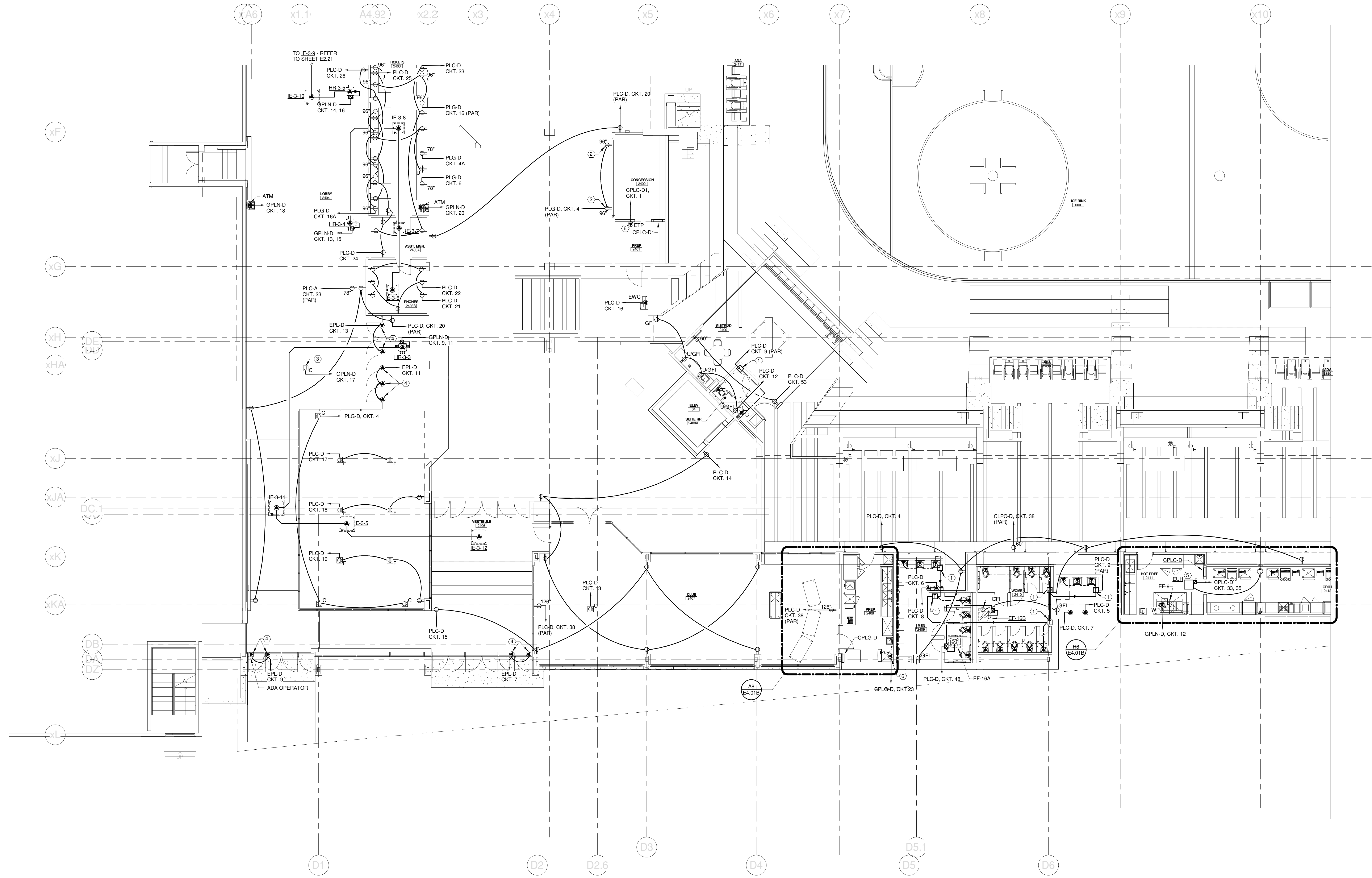
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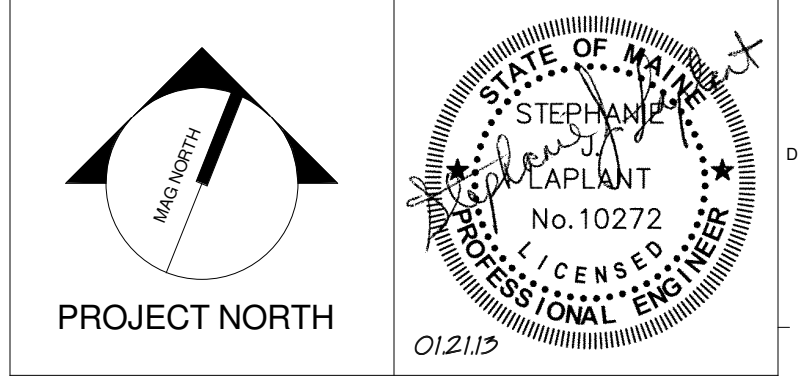
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TECHNICAL NOTES:

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- ② MOUNT TO FACE OF SOFFIT - REFER TO SECTION 1/A3.32 FOR MORE INFORMATION.
- ③ HVAC CONTROL POWER
- ④ ELECTRICALLY ACTUATED DOOR TO OPEN UPON ACTIVATION OF SMOKE CONTROL SYSTEM.
- ⑤ ELECTRONIC UNIT HEATER, EQUAL TO TRANE MODEL #UHC031AF0500010000. CEILING RECESSED WITH INTEGRAL DISCONNECT SWITCH. WALL MOUNT THERMOSTAT AS NOTED.
- ⑥ ELECTRONIC TRAP PRIMER - PROVIDED AND INSTALLED BY DIV. 22. ALL WIRING ASSOCIATED WITH TRAP PRIMER SHALL BE BY DIV. 26. REFER TO PLUMBING DETAILS FOR MORE INFORMATION.



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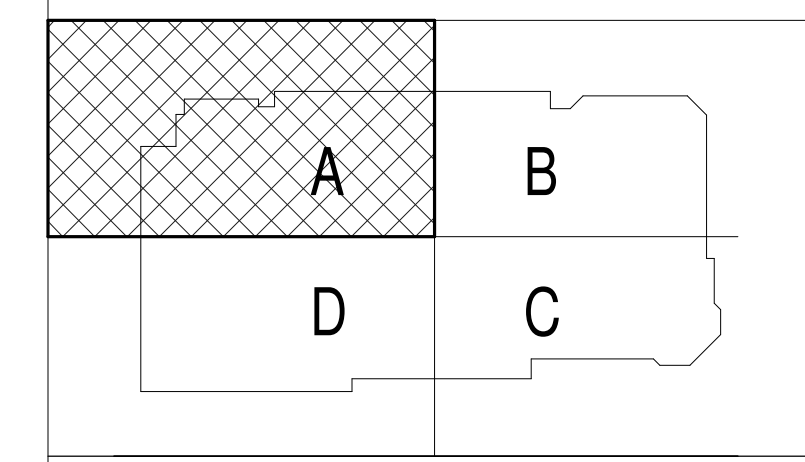
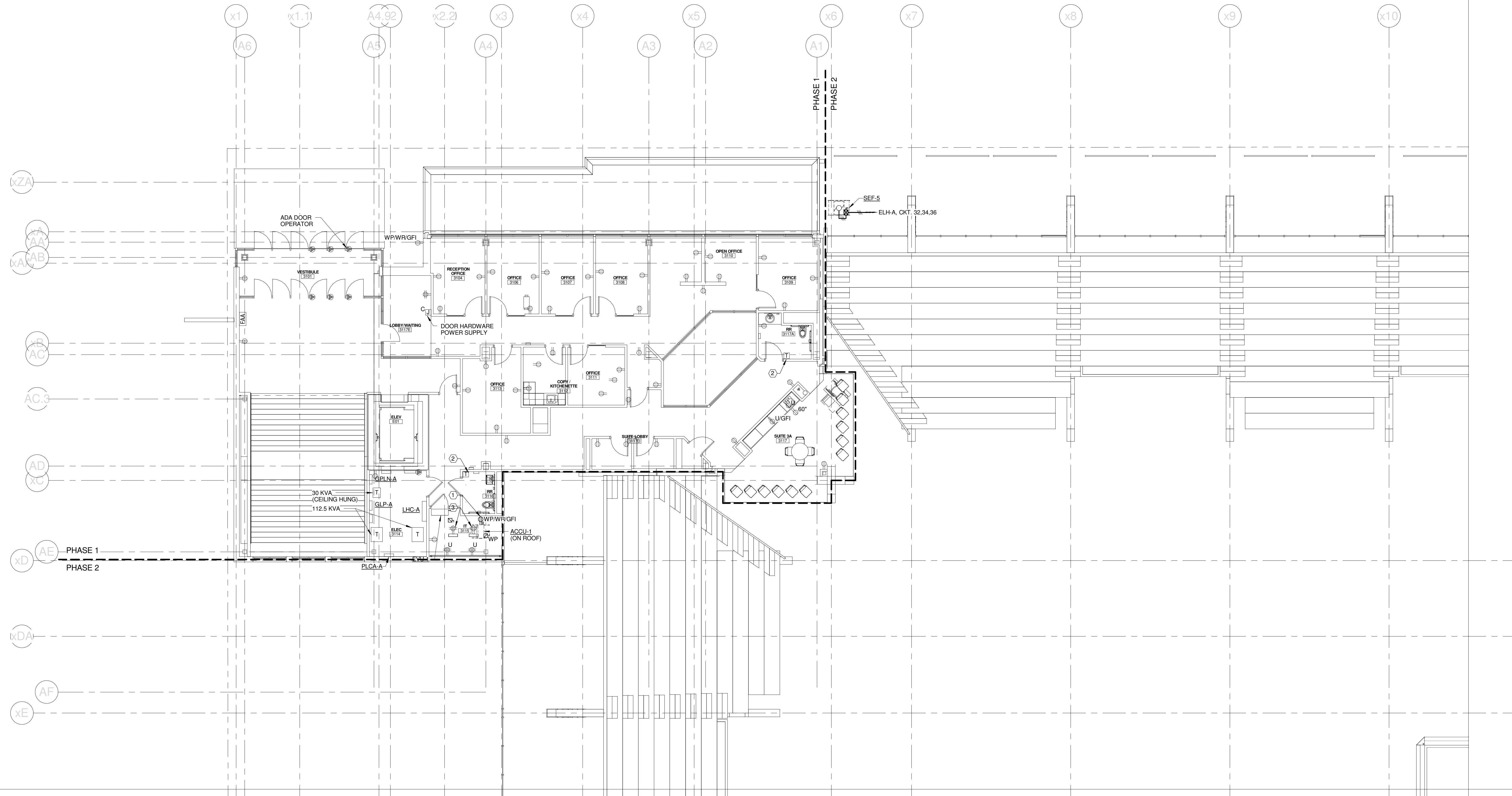
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
CONCOURSE LEVEL POWER PLAN - QUAD D

SHEET TITLE	CONCOURSE LEVEL POWER PLAN - QUAD D
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PROJECT No.	375700
SCALE	1/8" = 1'-0"
PROJECT MANAGER	JRB
DRAWN BY	KRM
CHECKED BY	SJL
SHEET No.	E2.24B

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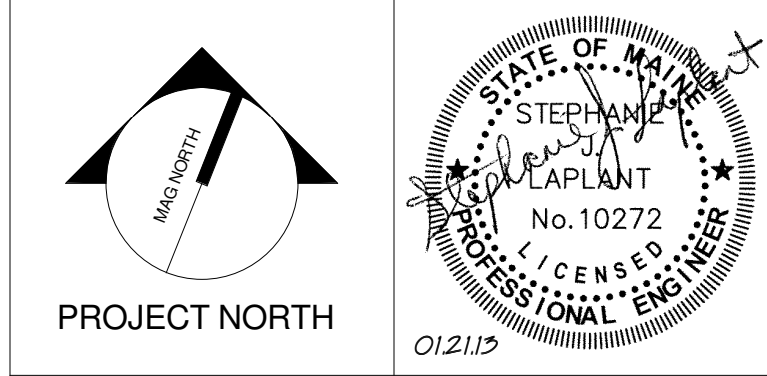
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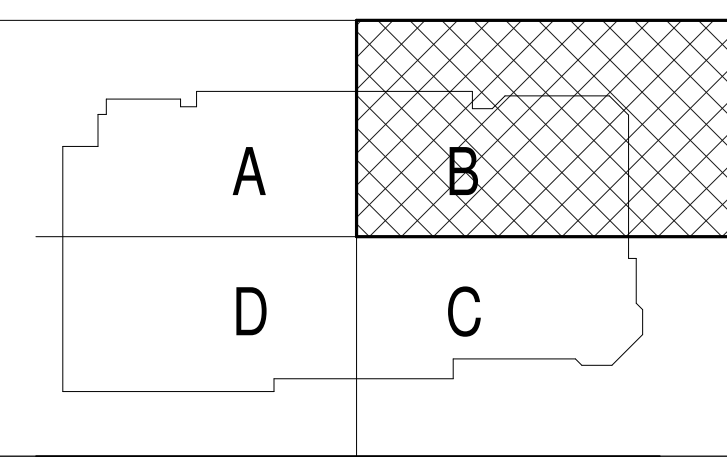
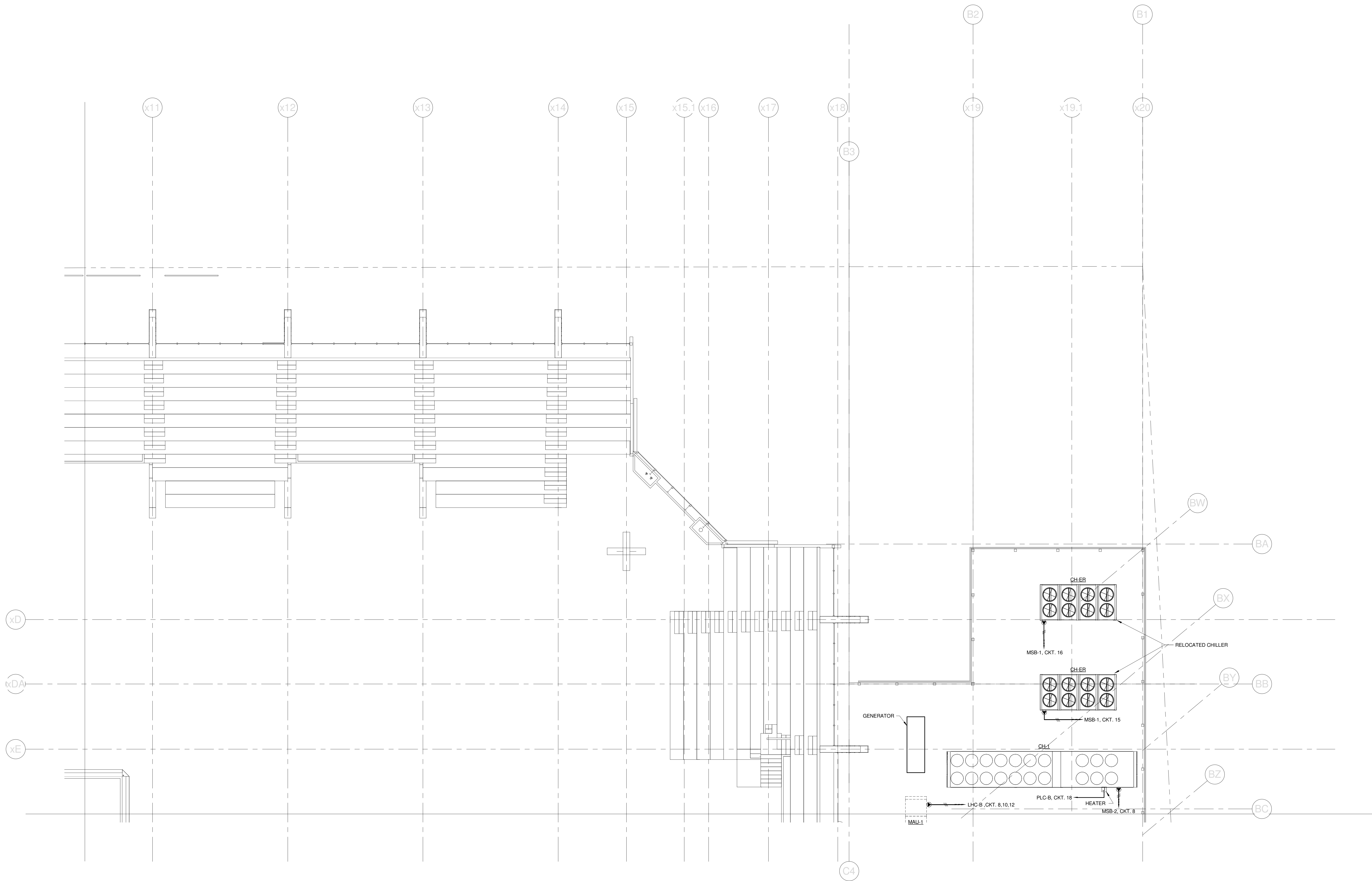
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
MID SUITES LEVEL POWER PLAN - QUAD A

WBRC CAD FILE: C:\Users\jaye\My Documents\375700 - CCCC Electrical\jaye.mahar.rvt	GRAPHIC SCALE: 1" = 10'
PROJECT No. 375700	SCALE 1/8" = 1'-0"
PROJECT MANAGER: JRB	SHEET No. E2.31B
DRAWN BY: KRM	CHECKED BY: S.J.

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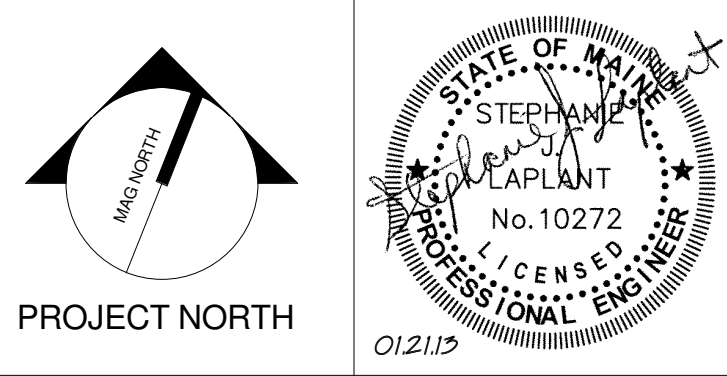
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
MID SUITES LEVEL POWER PLAN - QUAD B

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PROJECT MANAGER: JRB	SHEET No. E2.32B
DRAWN BY: KRM	
CHECKED BY: SJL	

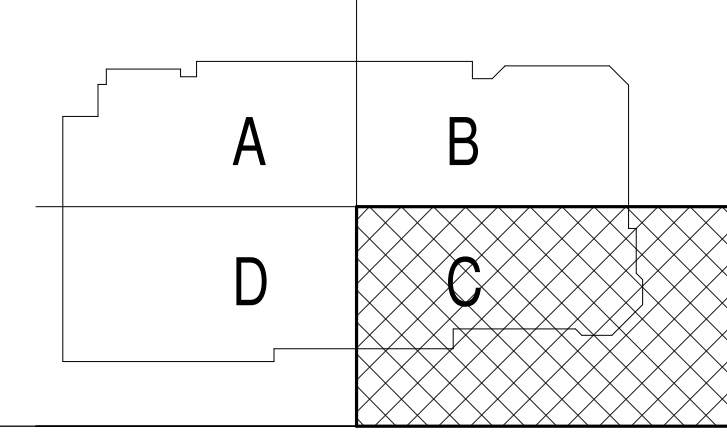
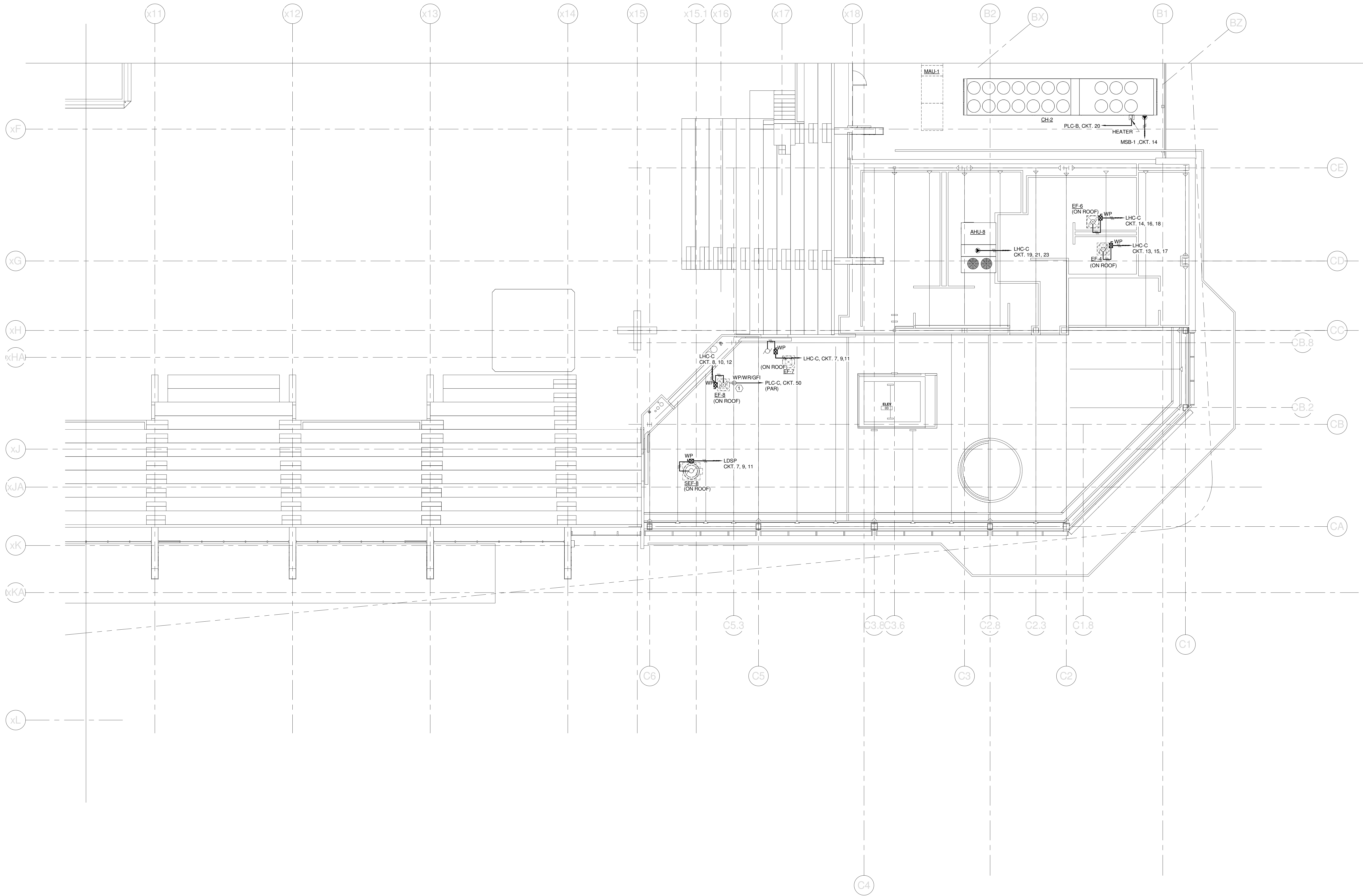
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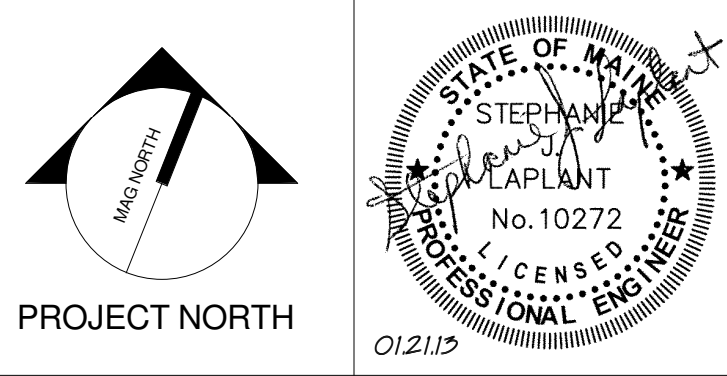
TECHNICAL NOTES:

- ① MOUNT ON ROOFTOP EQUIPMENT CURB



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
MID SUITES LEVEL POWER PLAN - QUAD C

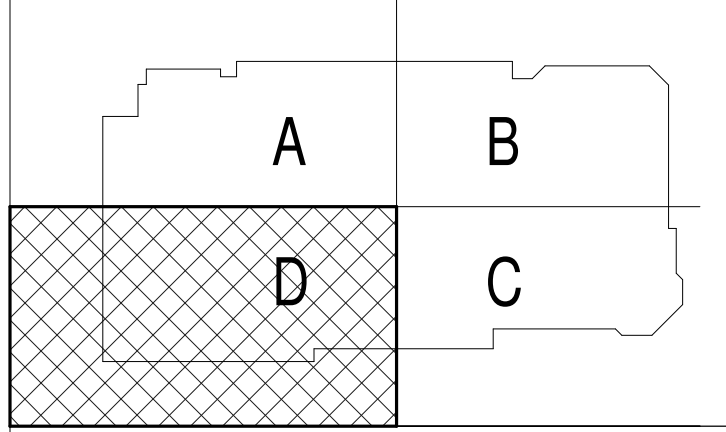
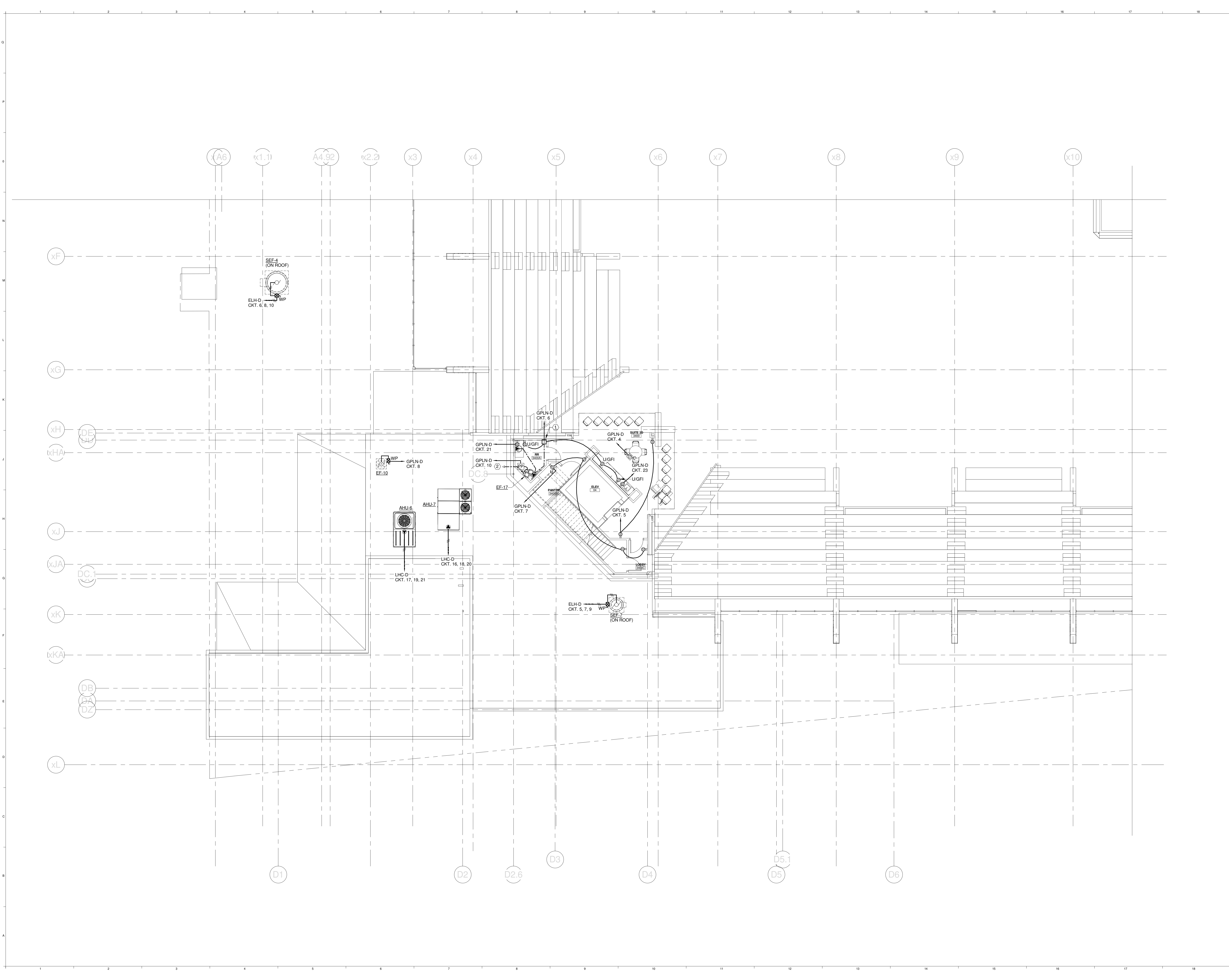
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PROJECT No. 375700	SHEET No. E2.33B
SCALE: 1/8" = 1'-0"	CHECKED BY: SJL
PROJECT MANAGER: JRB	
DRAWN BY: KRM	

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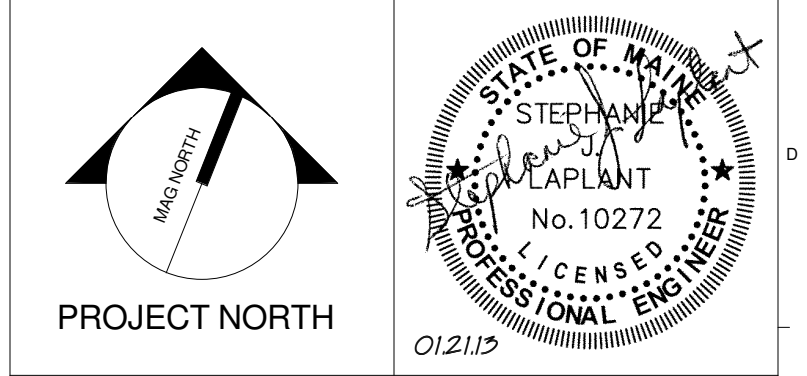
TECHNICAL NOTES:

- ① HANDS FREE DEVICE TRANSFORMER - TRANSFORMER & ASSOCIATED HANDS FREE DEVICES PROVIDED & INSTALLED BY DIV. 22. ALL ASSOCIATED WIRING ASSOCIATED WITH HANDS FREE SYSTEM BY DIV. 26. REFER TO DETAIL M8/E5.02 FOR MORE INFORMATION. TRANSFORMER SHALL BE MOUNTED ABOVE NEAREST ACCESSIBLE CEILING.
- ② TO OCCUPANCY SENSOR - REFER TO SHEET E1.34B AND DETAIL A1/E5.03B FOR MORE INFORMATION.



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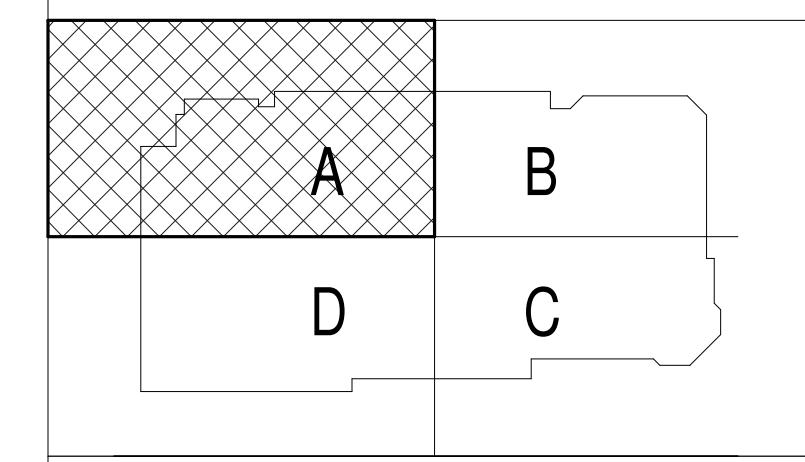
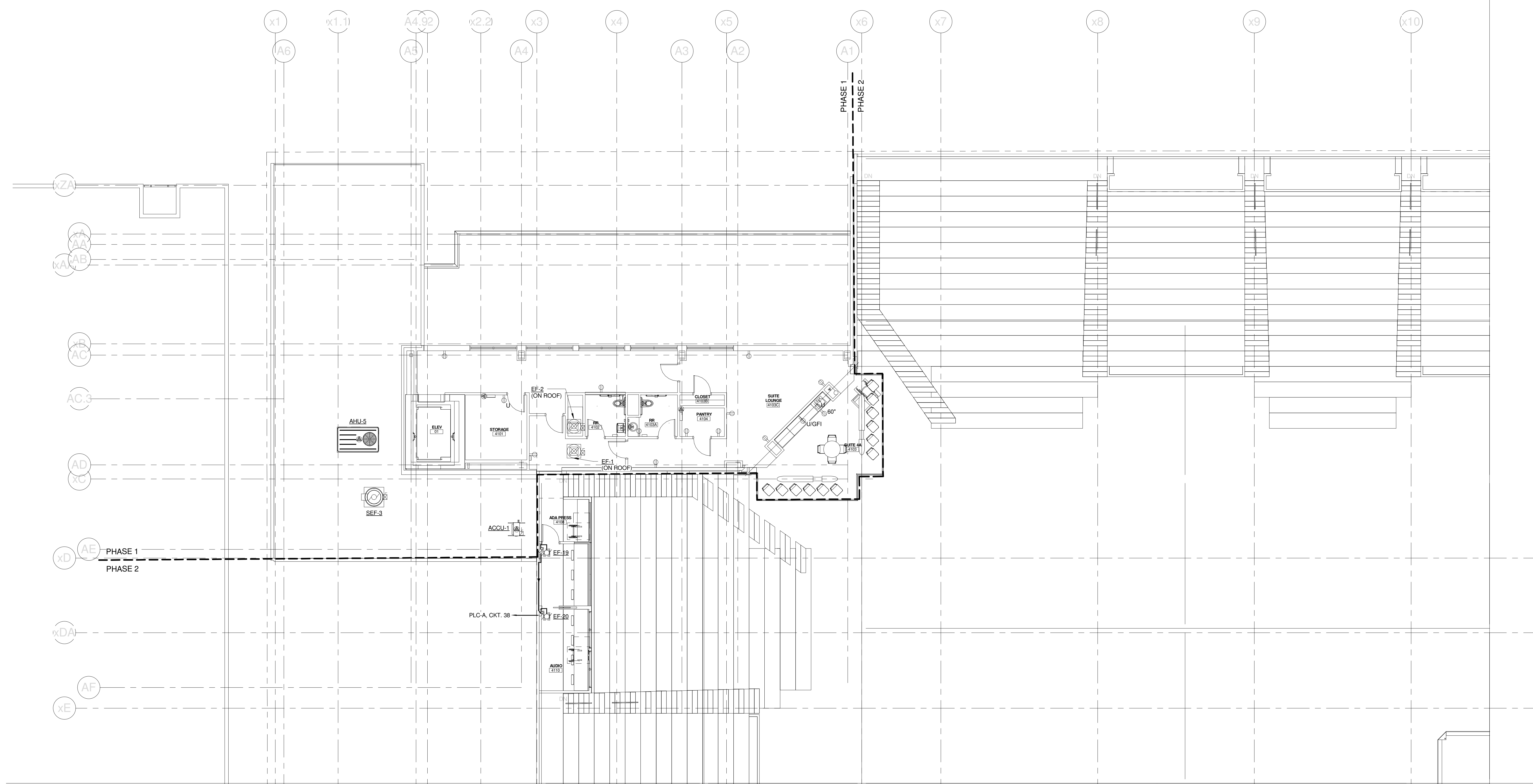
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
MID SUITES LEVEL POWER PLAN - QUAD D

SHEET TITLE	MID SUITES LEVEL POWER PLAN - QUAD D	
WBRC CAD FILE:	C:\Users\jlmahar\Documents\375700 - CCCC Electrical\jlmahar.rvt	
PROJECT No.	375700	GRAPHIC SCALE: 1" = 10'
SCALE	1/8" = 1'-0"	
PROJECT MANAGER	JRB	SHEET No.
DRAWN BY	KRM	E2.34B
CHECKED BY	SJL	

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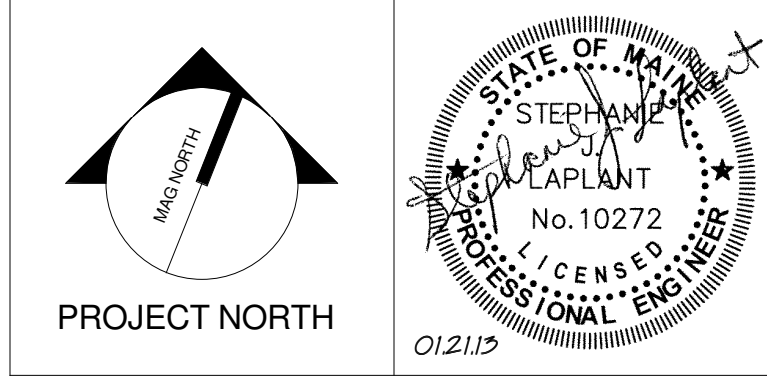
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME

**UPPER SUITES LEVEL
POWER PLAN - QUAD A**

WBRC CAD FILE: C:\Users\jaye\Documents\375700 - CCCC Electrical\jaye.mahar.rvt	GRAPHIC SCALE: 1" = 10'
PROJECT No. 375700	SCALE: 1/8" = 1'-0"
PROJECT MANAGER: JRB	DRAWN BY: KRM
CHECKED BY: S.J.L.	SHEET No. E2.41B

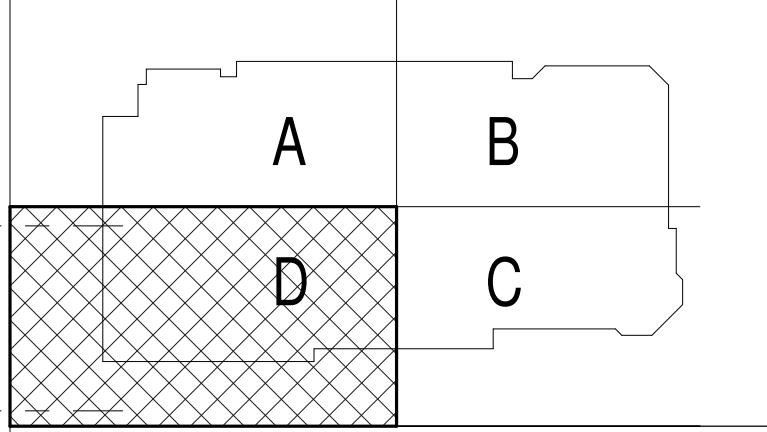
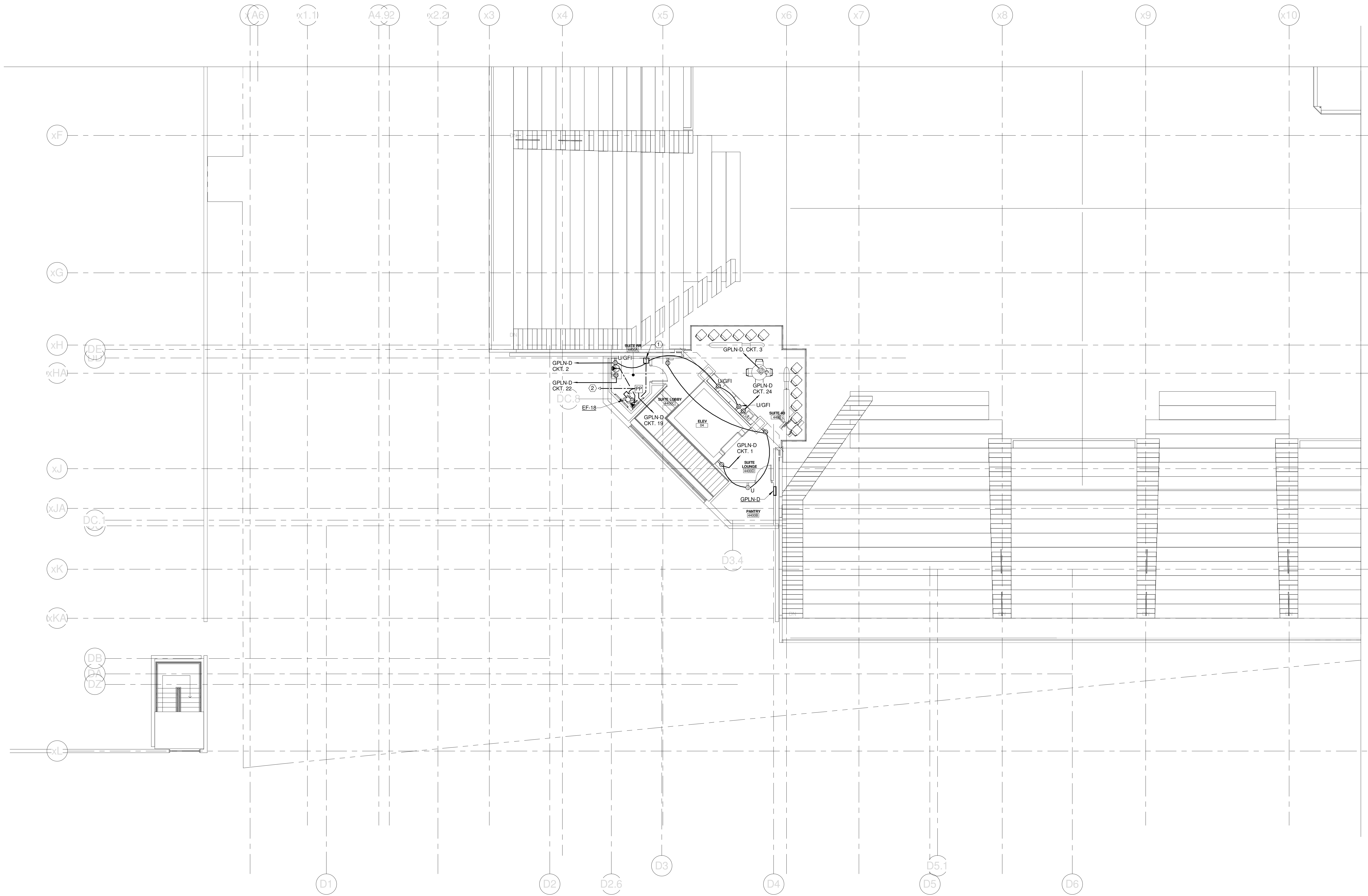
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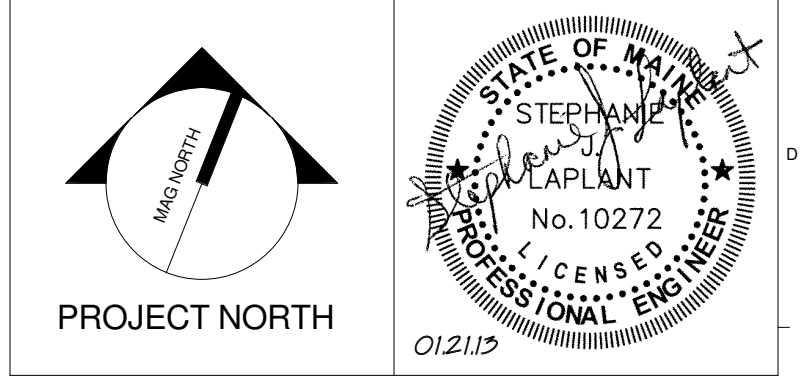
TECHNICAL NOTES:

- ① HANDS FREE DEVICE TRANSFORMER - TRANSFORMER & ASSOCIATED HANDS FREE DEVICES PROVIDED & INSTALLED BY DIV. 22. ALL ASSOCIATED WIRING ASSOCIATED WITH HANDS FREE SYSTEM BY DIV. 26. REFER TO DETAIL M8/E5.02 FOR MORE INFORMATION. TRANSFORMER SHALL BE MOUNTED ABOVE NEAREST ACCESSIBLE CEILING.
- ② TO OCCUPANCY SENSOR - REFER TO SHEET E1.34B AND DETAIL A1/E5.03B FOR MORE INFORMATION.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
**UPPER SUITES LEVEL
POWER PLAN - QUAD D**

SHEET TITLE:
WBRC CAD FILE: C:\Users\jml\Documents\375700 - CCCC Electrical_1\jml.mxd
PROJECT No. **375700** GRAPHIC SCALE: 1" = 10'
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DRAWN BY: KRM
CHECKED BY: SJL

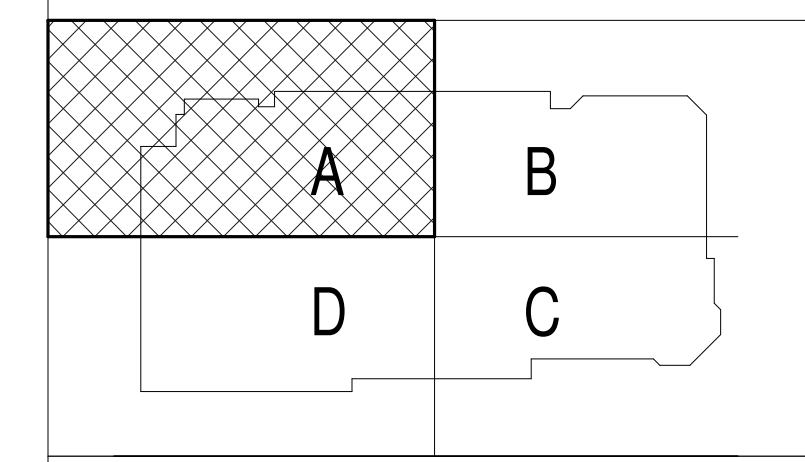
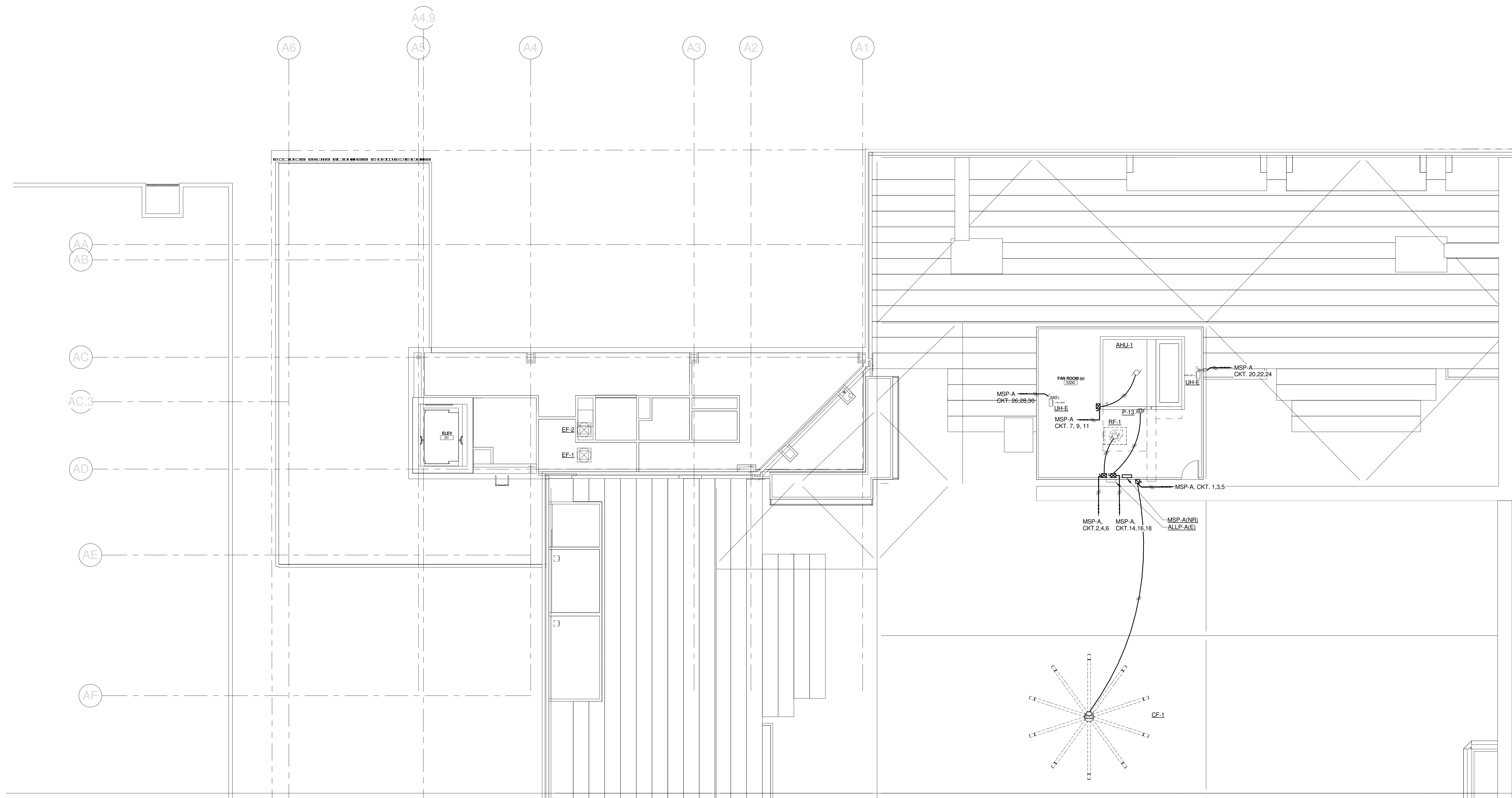
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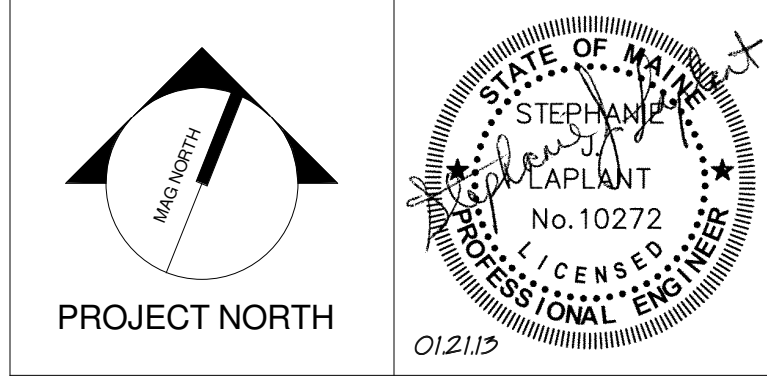


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME

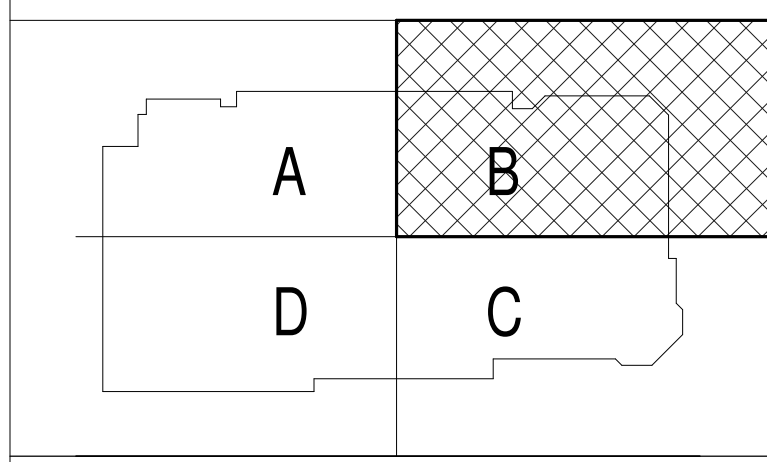
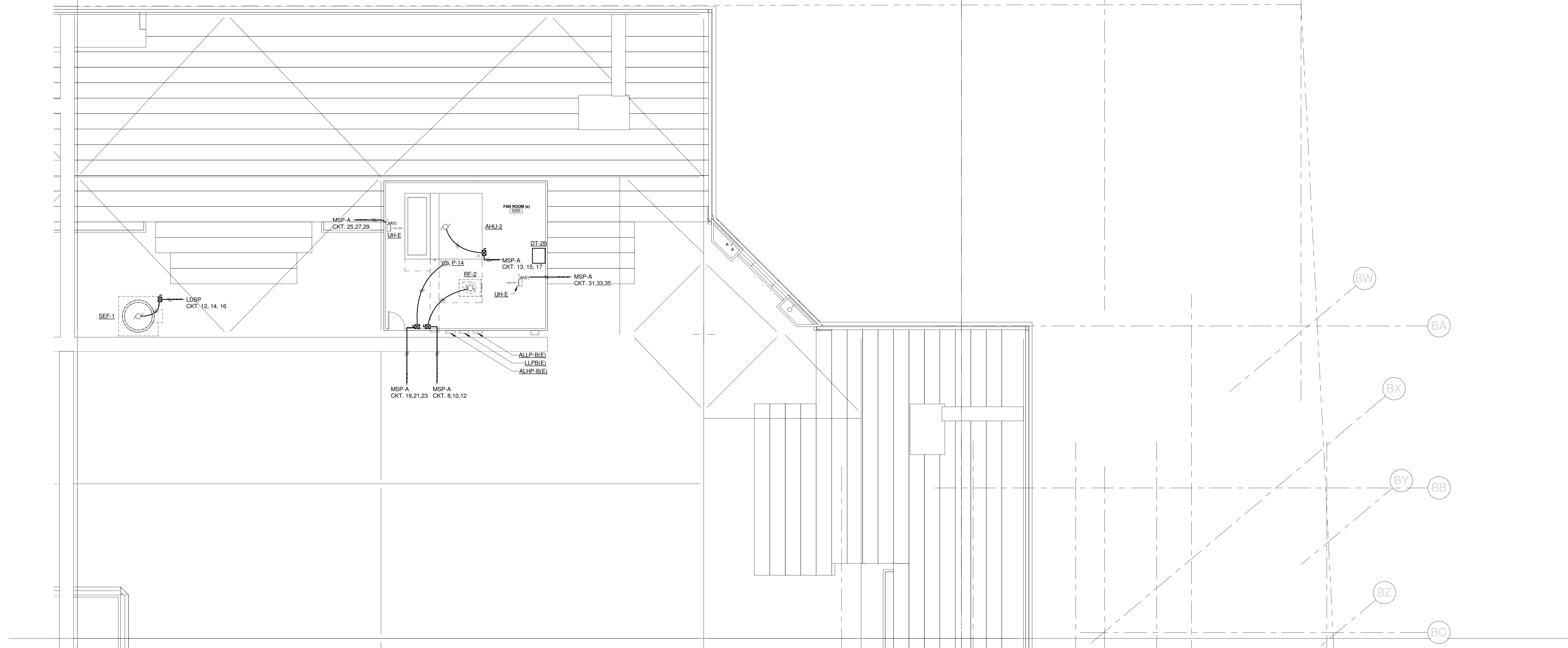
CATWALK LEVEL POWER PLAN - QUAD A

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PROJECT No. 375700	GRAPHIC SCALE: 1" = 10'
SCALE: 1/8" = 1'-0"	
PROJECT MANAGER: JRB	SHEET No. E2.51B
DRAWN BY: KRM	
CHECKED BY: SL	

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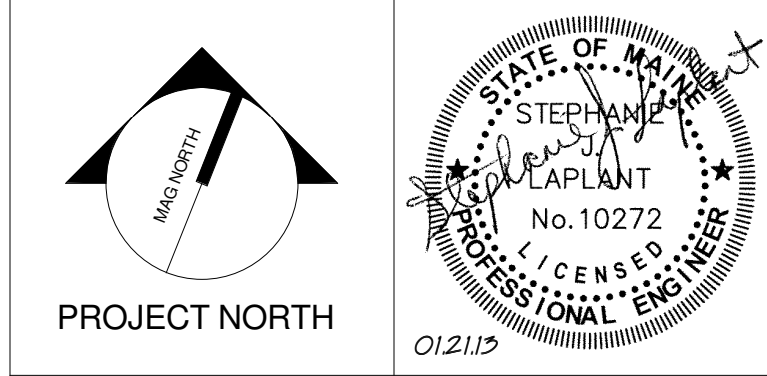
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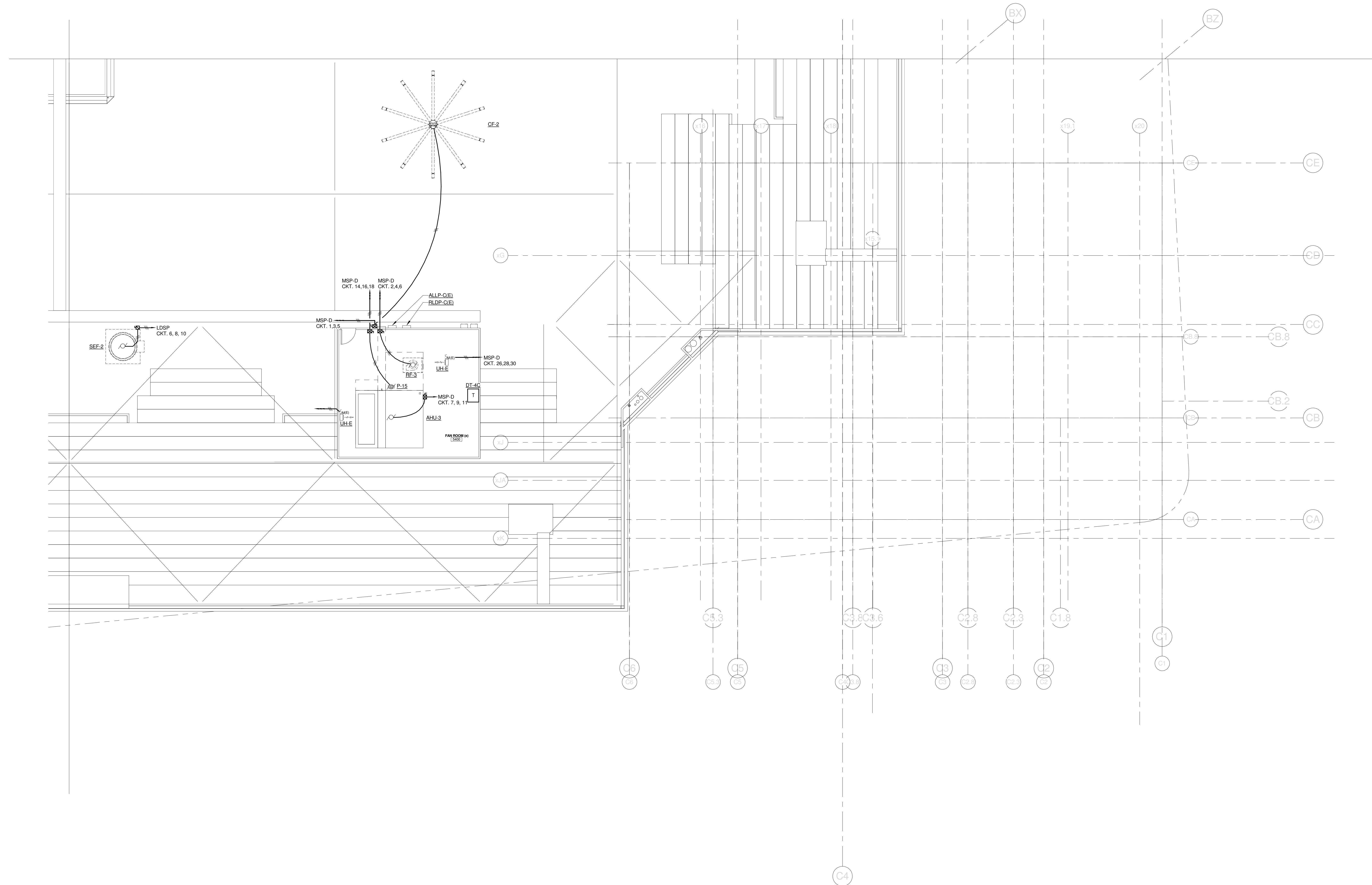
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
CATWALK LEVEL POWER PLAN - QUAD B

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SCALE: 1/8" = 1'-0"	
PROJECT MANAGER: JRB	SHEET No. E2.52B
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CHECKED BY: SLL	

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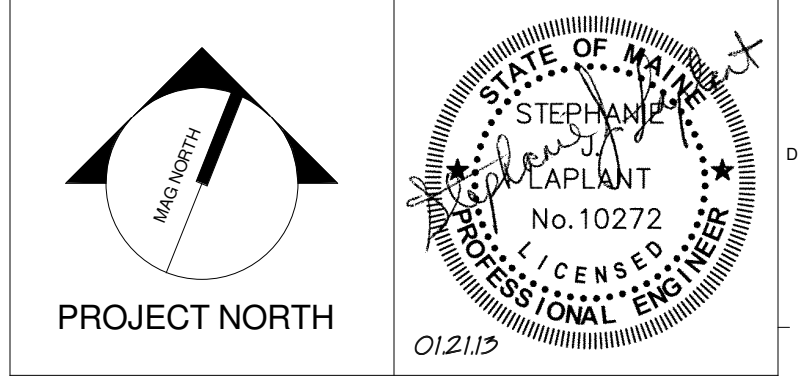
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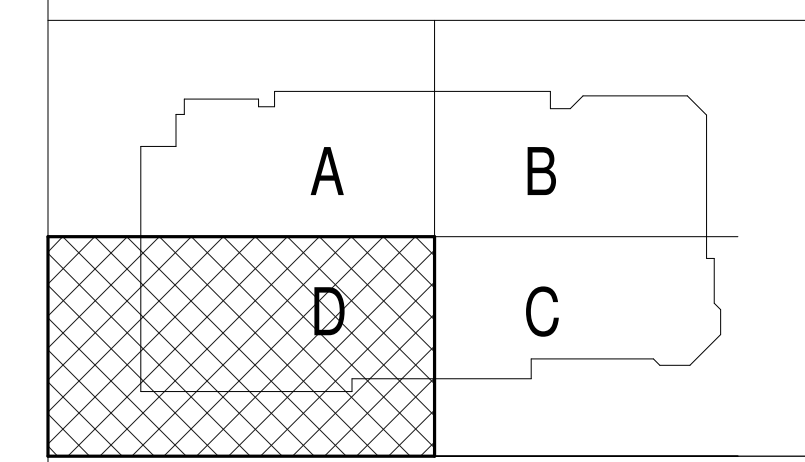
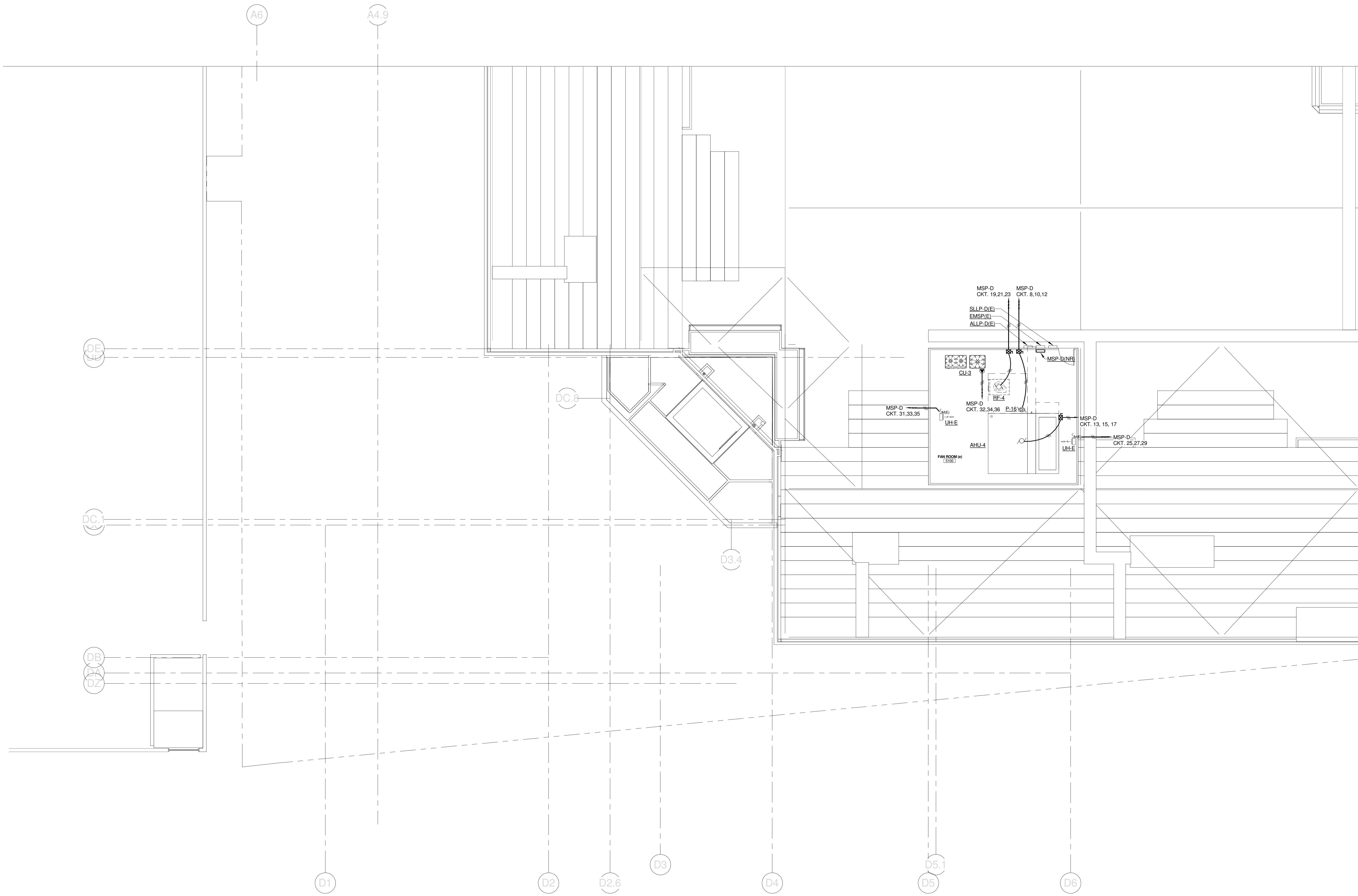
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
CATWALK LEVEL POWER PLAN - QUAD C

PROJECT No.	375700	GRAPHIC SCALE	1" = 10'
SCALE	1/8" = 1'-0"		
PROJECT MANAGER	JRB	SHEET No.	E2.53B
DRAWN BY	KRM		
CHECKED BY	SJL		

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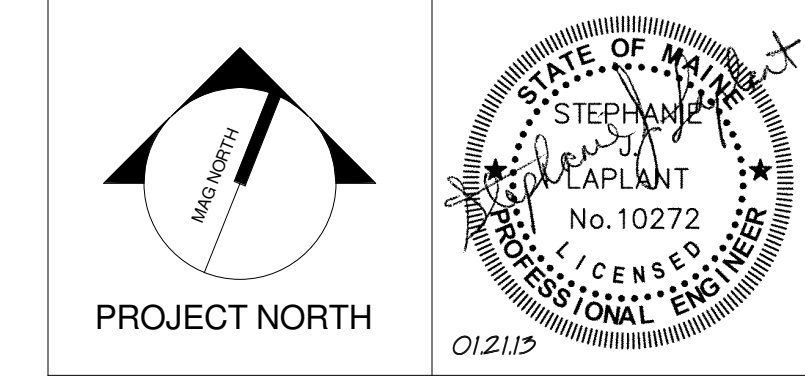
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
CATWALK LEVEL POWER PLAN - QUAD D

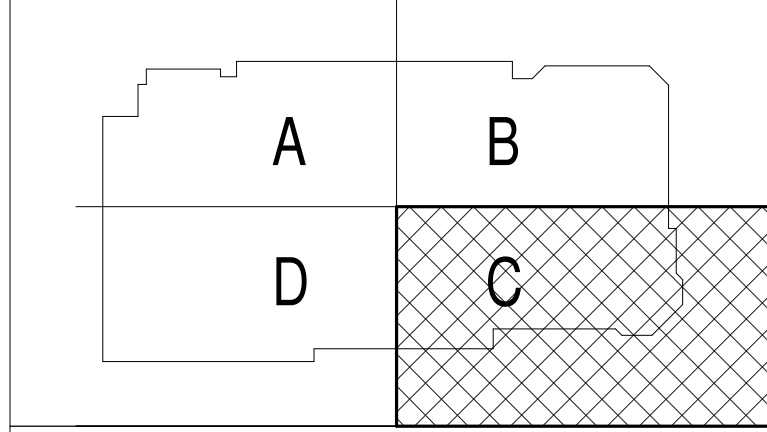
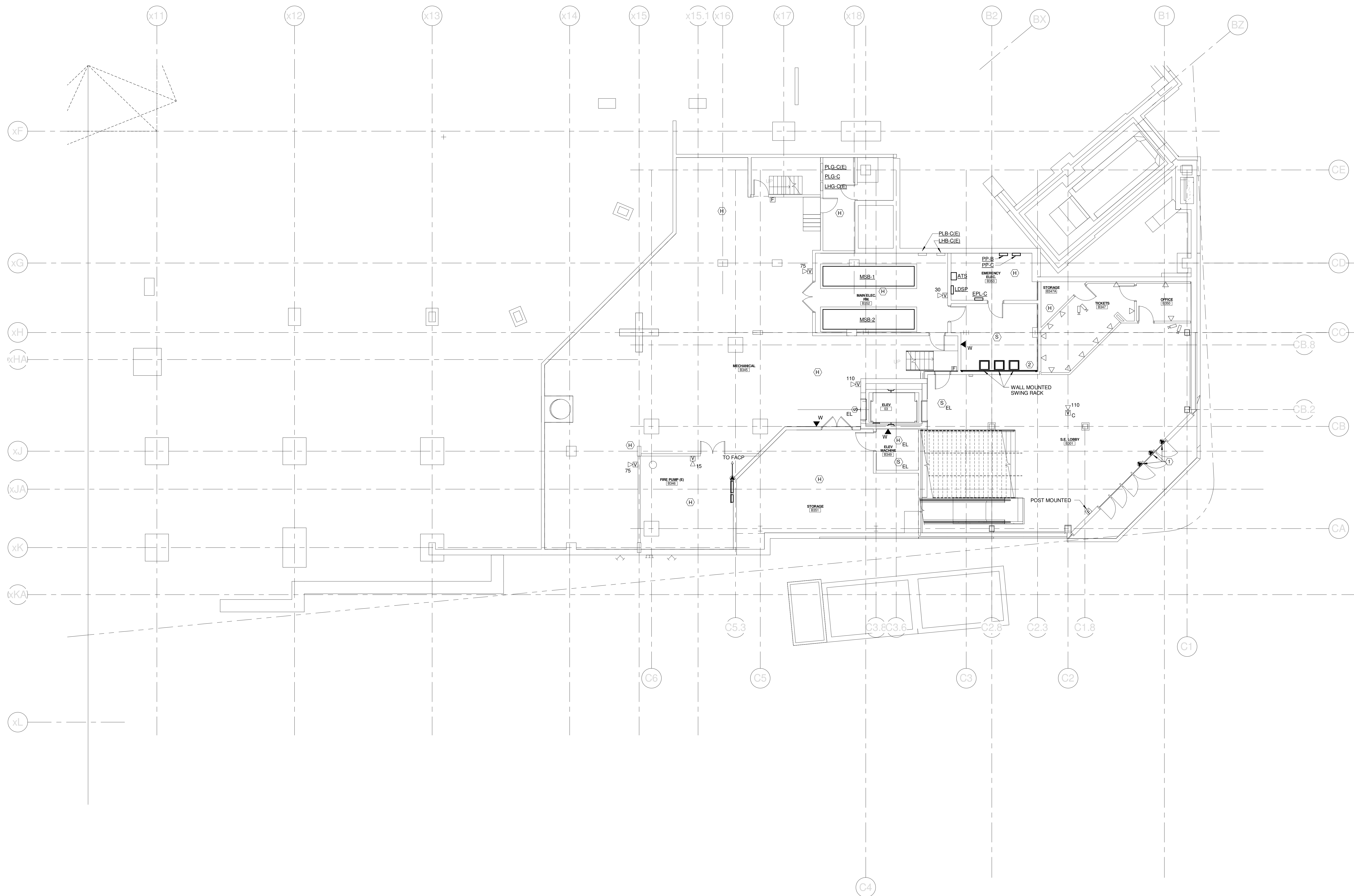
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PROJECT MANAGER: JRB	DRAWN BY: KRM
CHECKED BY: SJL	

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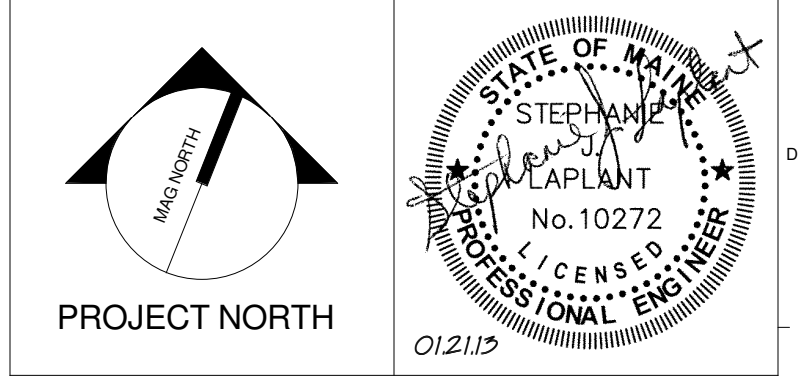
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- TECHNICAL NOTES:**
- CONNECT TO FIRE ALARM SYSTEM FOR AUTOMATIC OPEN ON ACTIVATION OF SMOKE CONTROL SYSTEM (ZONE 2)
 - TELEPHONE & CATV DEMARC - COORDINATE WITH UTILITY COMPANIES



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PROJECT: PORTLAND, ME
MECHANICAL LEVEL SYSTEMS PLAN

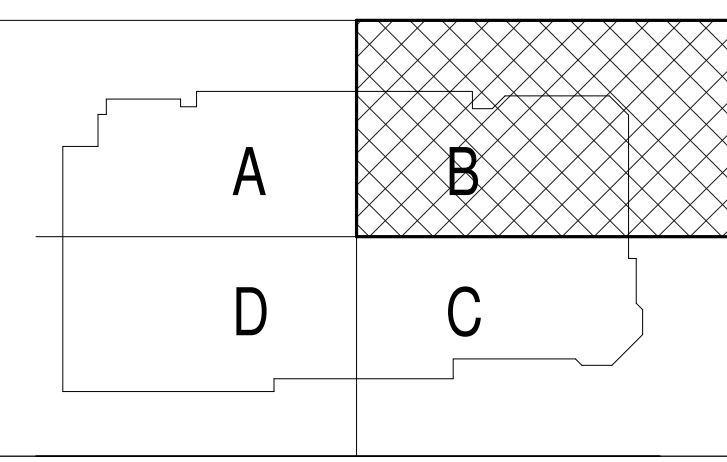
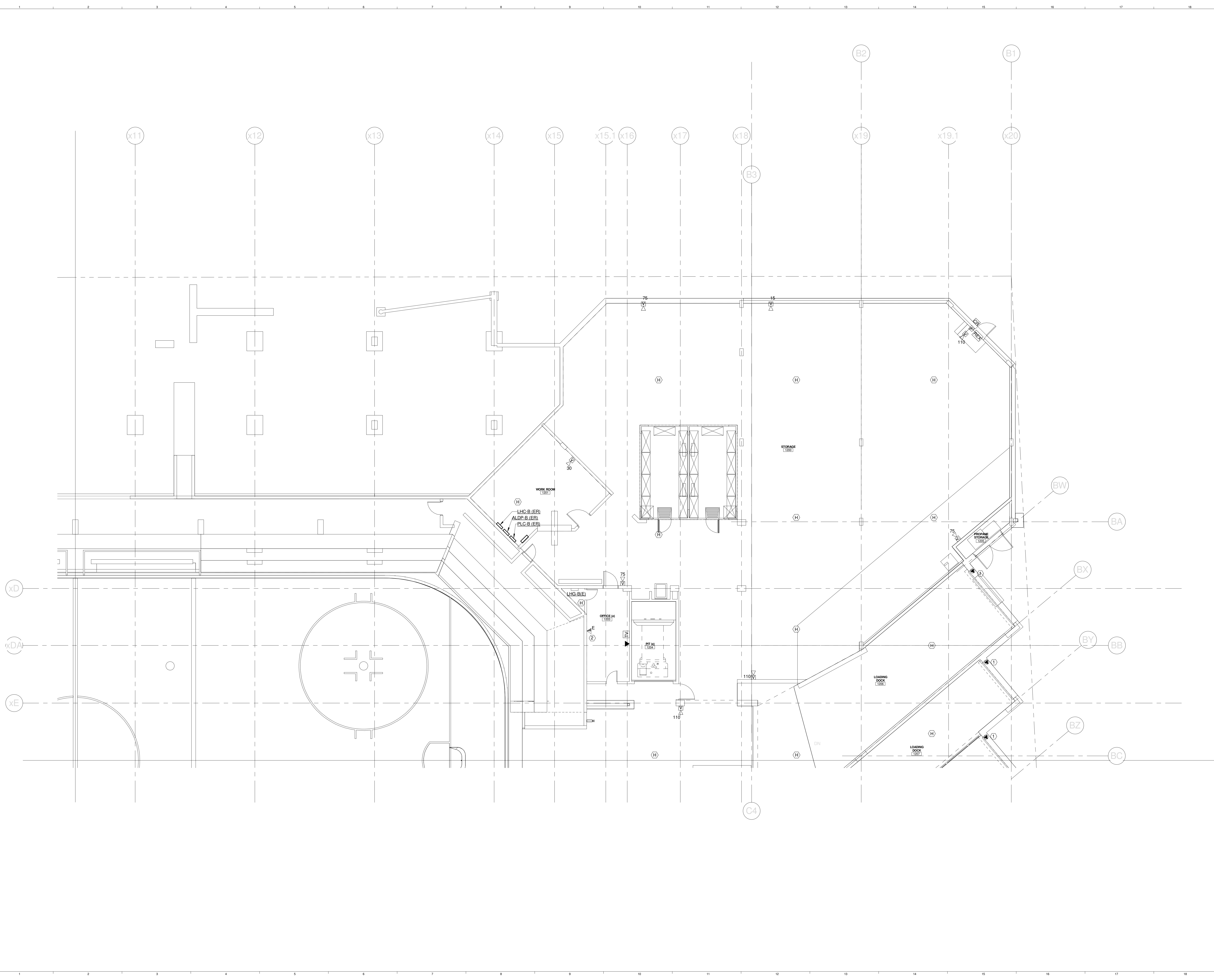
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SCALE: 1/8" = 1'-0"
PROJECT MANAGER: JRB
DRAWN BY: KRM
CHECKED BY: SJL
SHEET No. **E3.03B**

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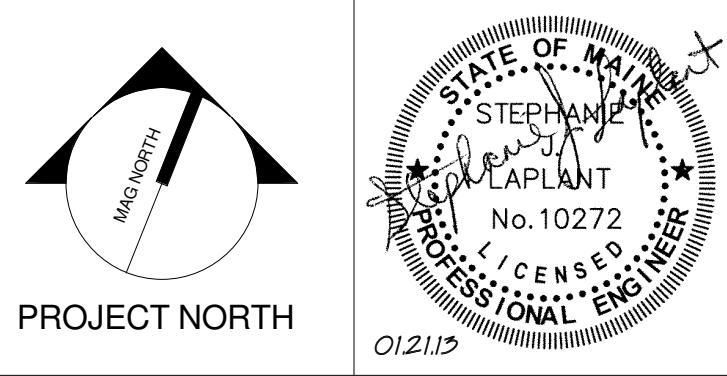
TECHNICAL NOTES:

- ① OVERHEAD DOOR - CONNECT TO FIRE ALARM SYSTEM FOR AUTOMATIC OPEN ON ACTIVATION OF SMOKE CONTROL SYSTEM (ALL ZONES).
- ② REFEED EXISTING TEL/DATA JACK FROM NEW BDF. REFER TO DETAIL J1-E5.03



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
EVENT LEVEL SYSTEMS PLAN - QUAD B

SHEET TITLE:
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SCALE: **1/8" = 1'-0"**
PROJECT MANAGER: **JRB** SHEET No. **E3.12B**
DRAWN BY: **KRM**
CHECKED BY: **SJL**

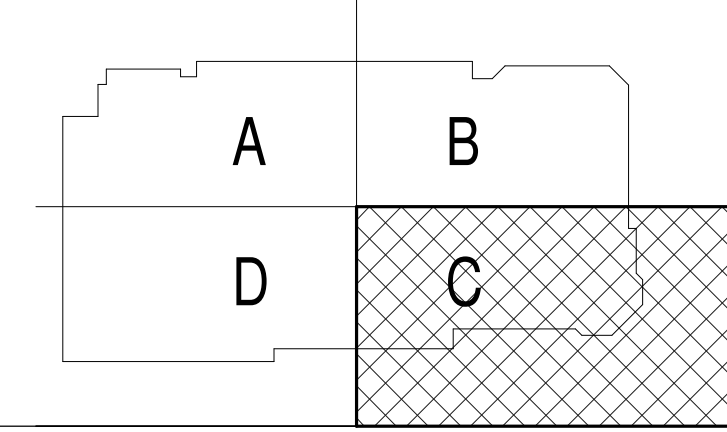
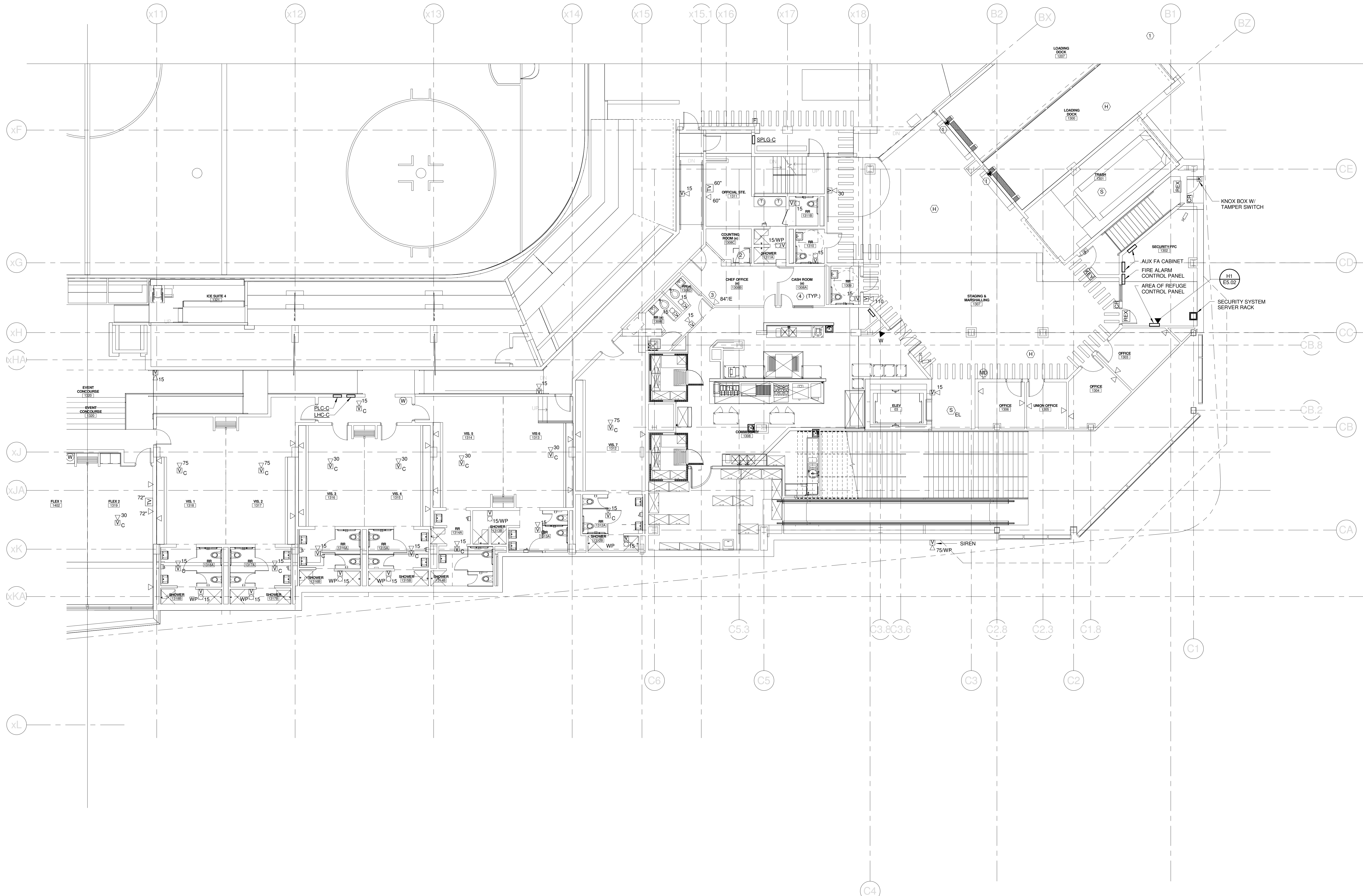
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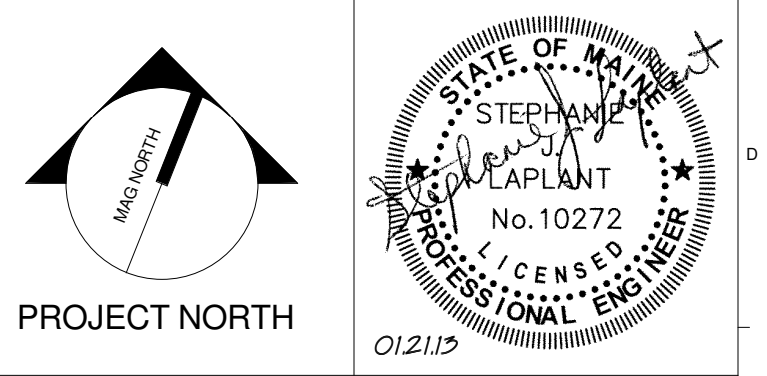
TECHNICAL NOTES:

- ① OVERHEAD DOOR - CONNECT TO FIRE ALARM SYSTEM FOR AUTOMATIC OPEN ON ACTIVATION OF SMOKE CONTROL SYSTEM (ALL ZONES).
- ② EXISTING POS SYSTEM SERVER TO BE MAINTAINED
- ③ REFEED EXISTING TEL/DATA JACKS FROM BDF. REFER TO DETAIL J1/E5.03B.
- ④ MAINTAIN EXISTING SYSTEMS IN AREAS NOTED AS EXISTING UNLESS SPECIFICALLY NOTED OTHERWISE ON ED.13B



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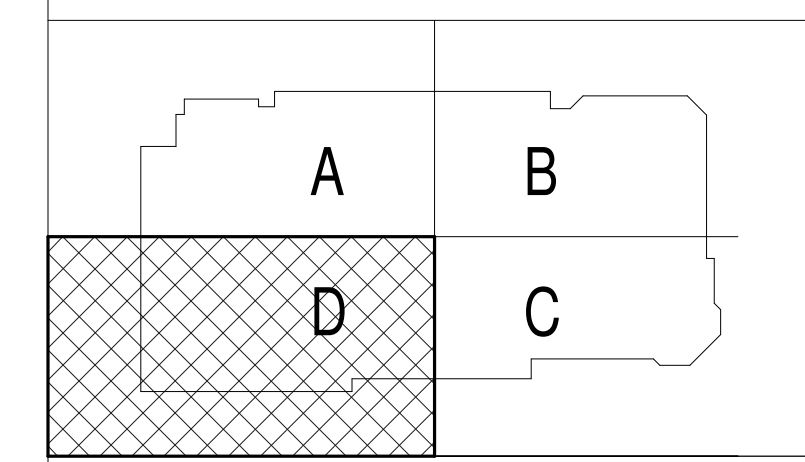
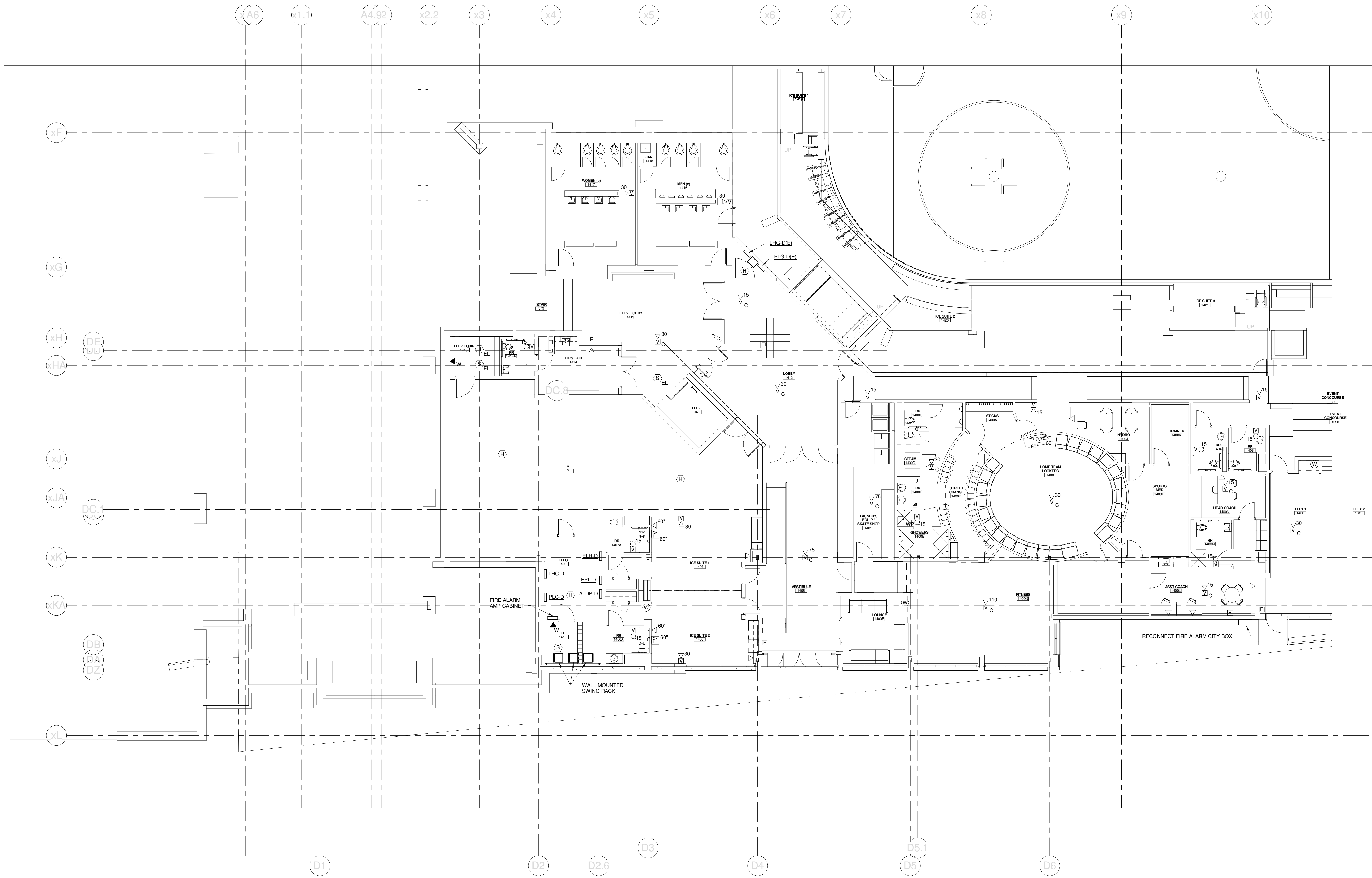
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
 PROJECT: PORTLAND, ME
EVENT LEVEL SYSTEMS PLAN - QUAD C

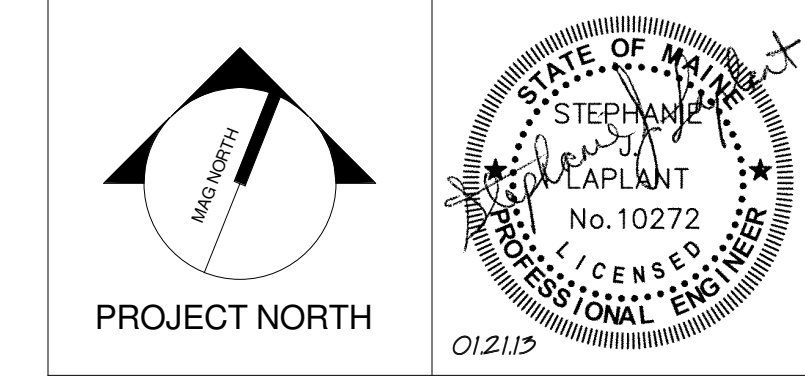
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 PROJECT No. **375700** GRAPHIC SCALE: 1" = 1'-0"
 SCALE: **1/8" = 1'-0"**
 PROJECT MANAGER: **JRB** SHEET No. **E3.13B**
 DRAWN BY: **KRM**
 CHECKED BY: **SJL**

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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
EVENT LEVEL SYSTEMS PLAN - QUAD D

SHEET TITLE	
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SCALE 1/8" = 1'-0"	
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DRAWN BY: KRM	
CHECKED BY: S.J.L.	

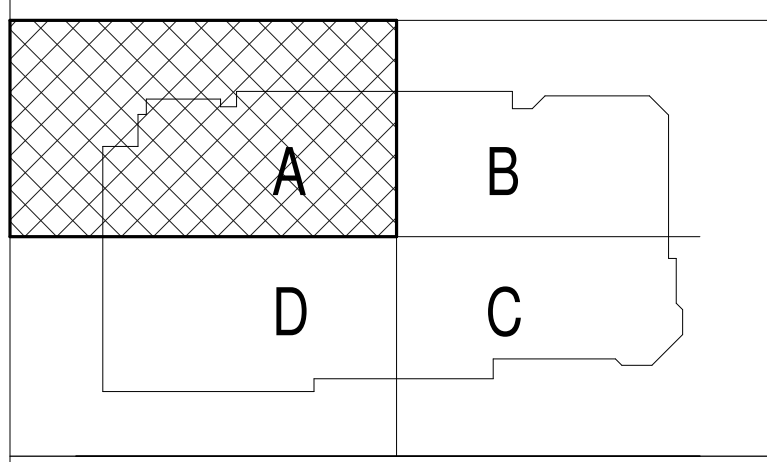
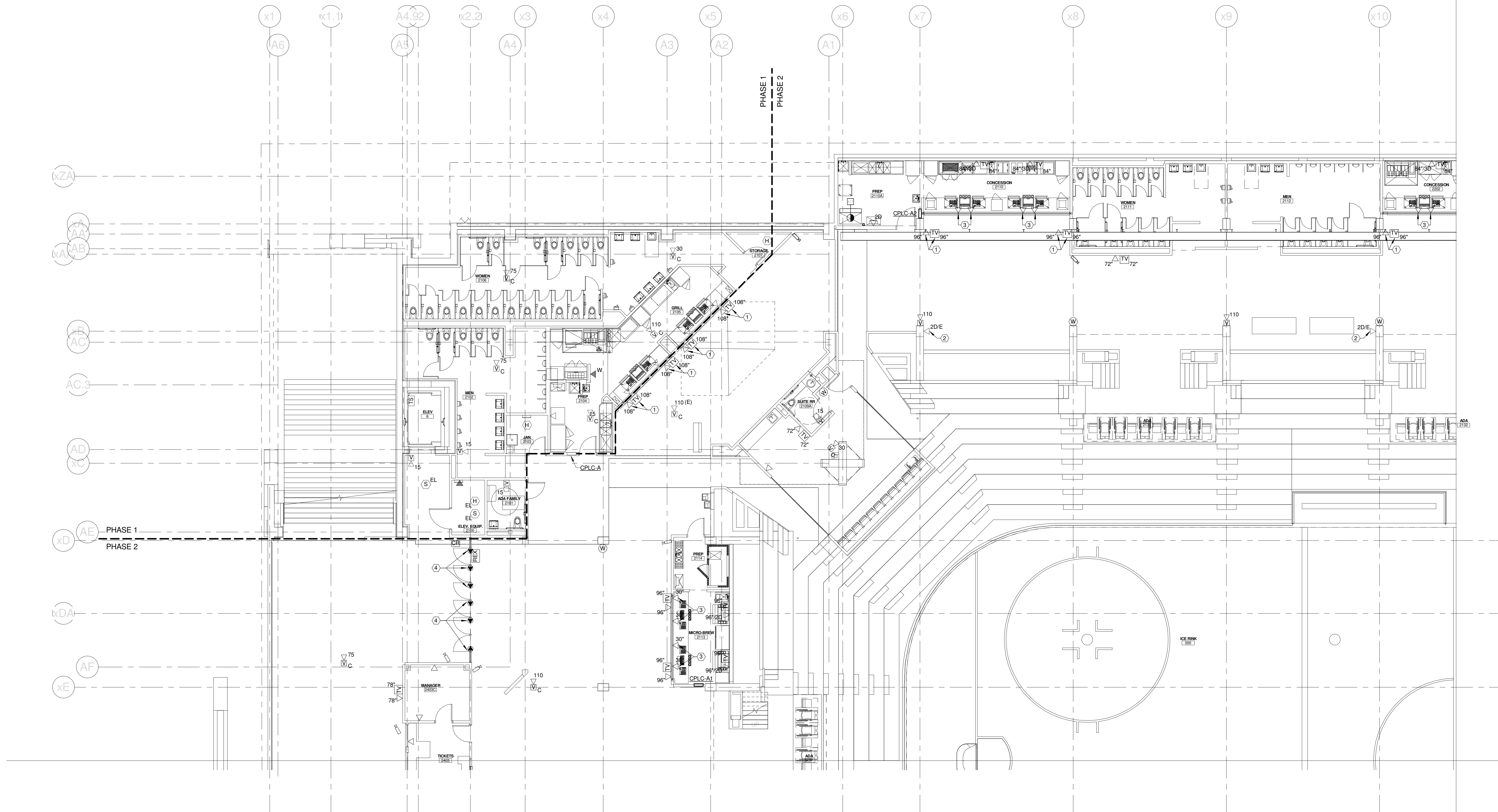
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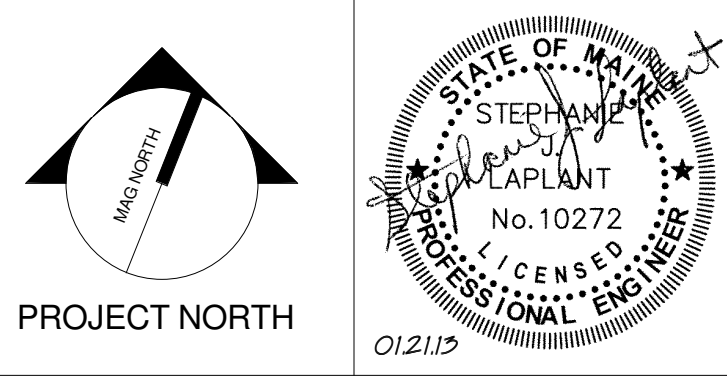
TECHNICAL NOTES:

- ① MOUNT TO FACE OF SOFFIT - REFER TO SECTION 1/A3.32 FOR MORE INFORMATION.
- ② REFIELD EXISTING TEL/DATA JACKS TO POS SYSTEM SERVER VIA NEAREST IDF. REFER TO DETAIL J1/E5.03.
- ③ DATA JACKS FOR POS SYSTEM. CONNECT TO POS SYSTEM SERVER VIA NEAREST IDF. REFER TO DETAIL J1/E5.03.
- ④ CONNECT TO FIRE ALARM SYSTEM FOR AUTOMATIC OPEN ON ACTIVATION OF SMOKE CONTROL SYSTEM (ZONE 3).



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME

CONCOURSE LEVEL SYSTEMS PLAN - QUAD A

PROJECT No.	375700	GRAPHIC SCALE	1" = 1'-0"
SCALE	1/8" = 1'-0"		
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DRAWN BY	KRM		
CHECKED BY	SJL		

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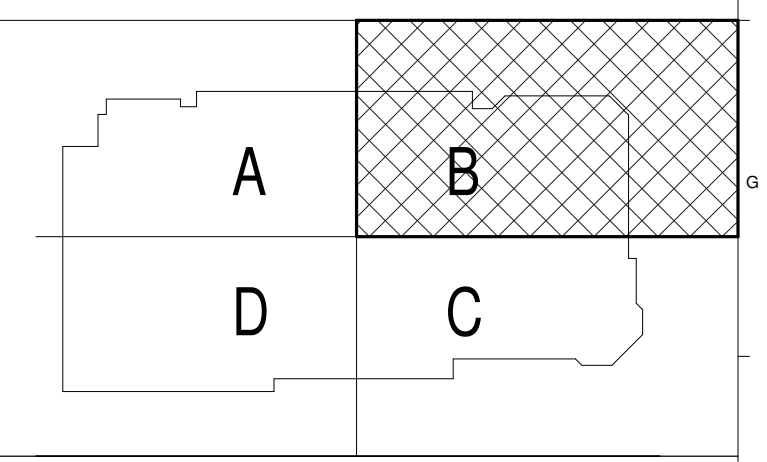
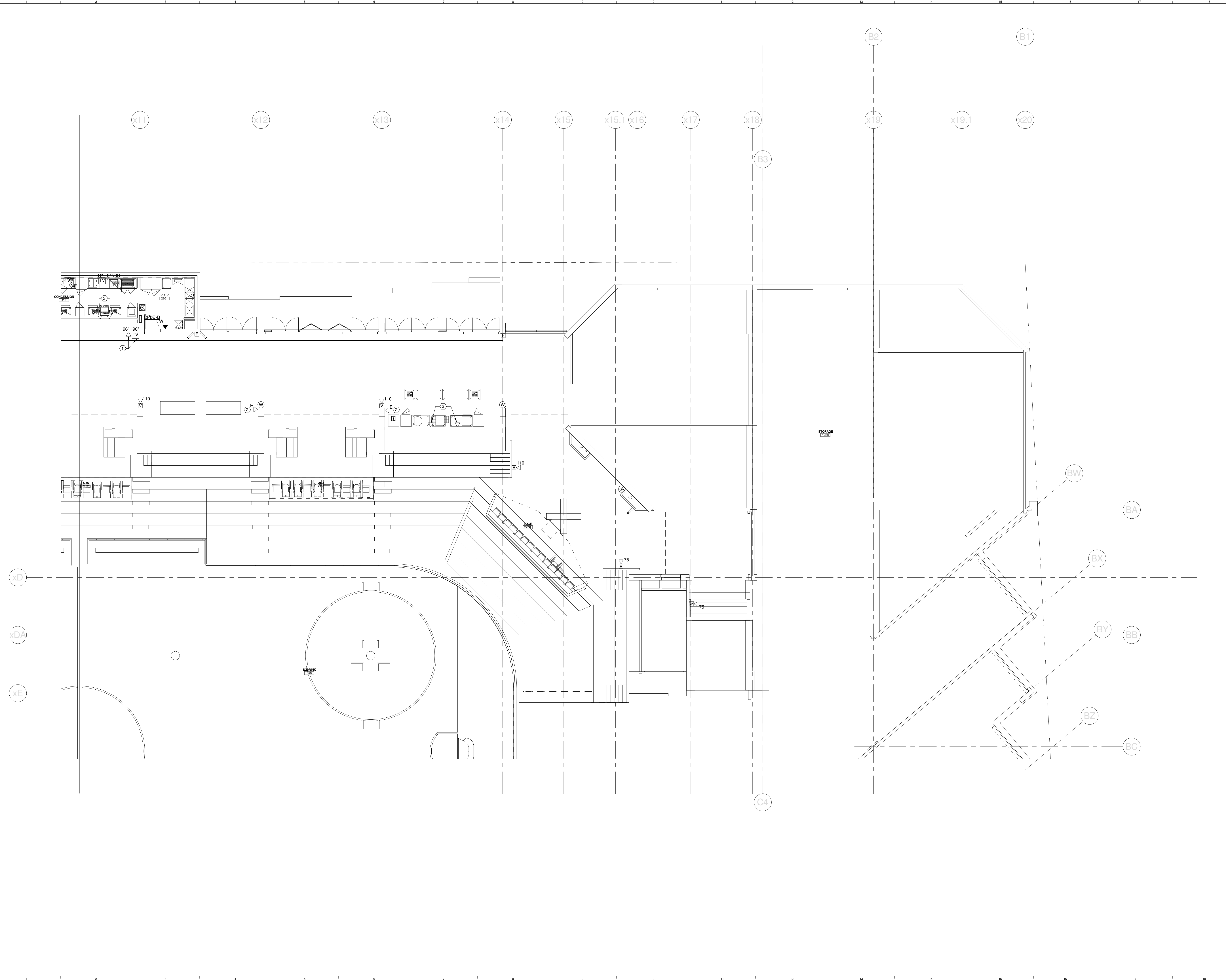
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TECHNICAL NOTES:

- ① MOUNT TO FACE OF SOFFIT - REFER TO SECTION 1/A3.32 FOR MORE INFORMATION.
- ② REFEED EXISTING TEL/DATA JACKS TO POS SYSTEM SERVER VIA NEAREST IDF. REFER TO DETAIL J1/E5.03.
- ③ DATA JACK FOR POS SYSTEM. CONNECT TO POS SYSTEM SERVER VIA NEAREST IDF. REFER TO DETAIL J1/E5.03.

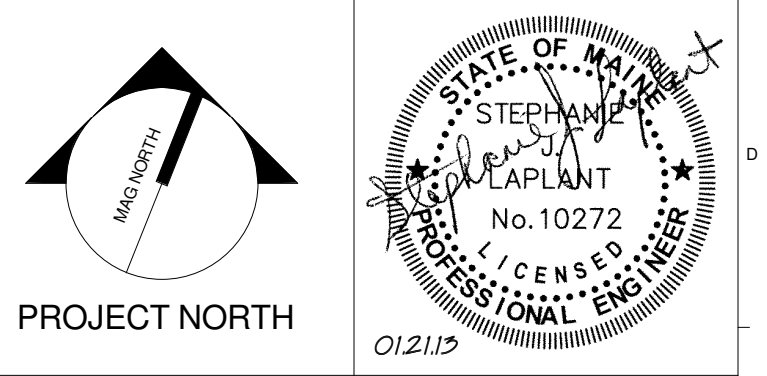


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PROJECT: PORTLAND, ME

CONCOURSE LEVEL SYSTEMS PLAN - QUAD B

SHEET TITLE

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PROJECT No. **375700** GRAPHIC SCALE: 1" = 1'-0"

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

PROJECT MANAGER: **JRB** SHEET No. **E3.22B**

DRAWN BY: **KRM**

CHECKED BY: **SJL**

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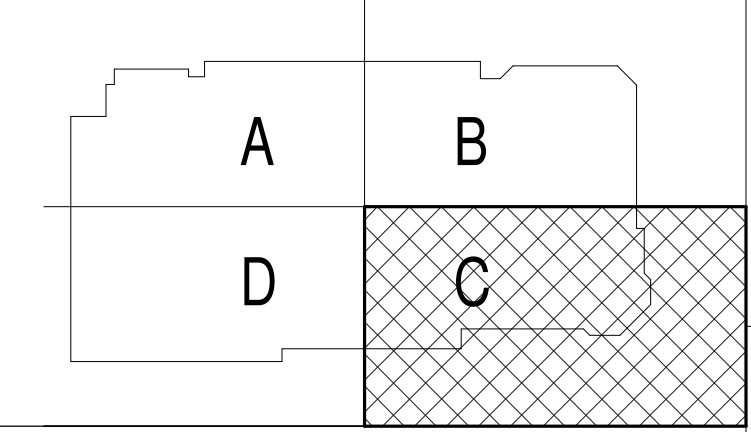
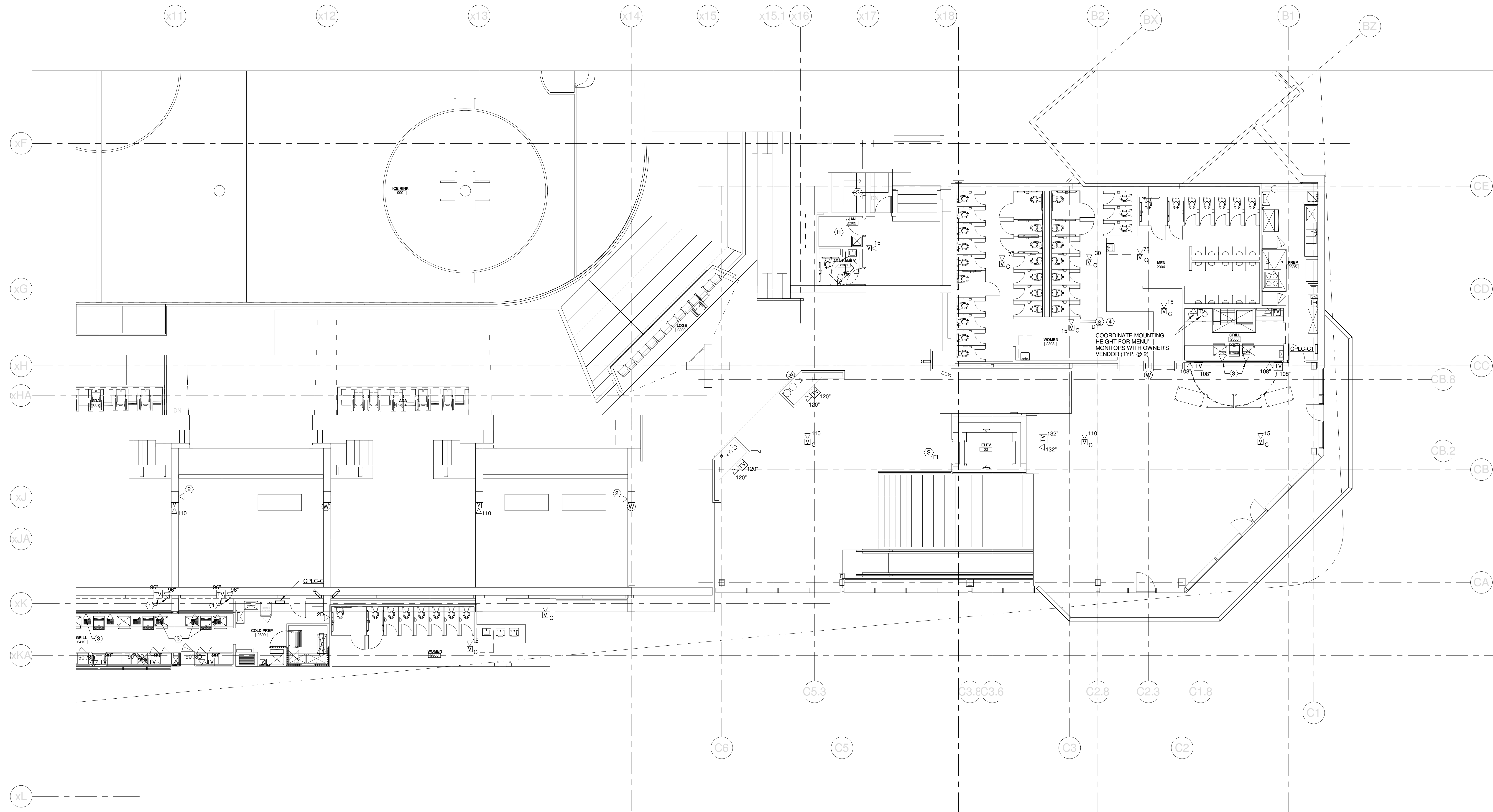
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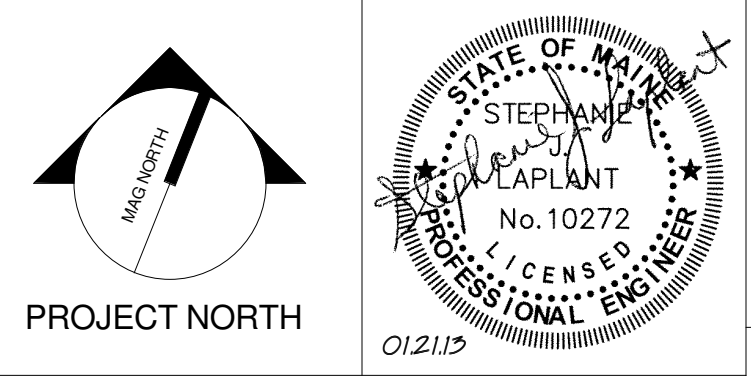
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- ① MOUNT TO FACE OF SOFFIT - REFER TO SECTION 1/A3.32 FOR MORE INFORMATION.
- ② REFEED EXISTING TEL/DATA JACKS TO POS SYSTEM SERVER VIA NEAREST IDF. REFER TO DETAIL J1.E5.03.
- ③ DATA JACK FOR POS SYSTEM. CONNECT TO POS SYSTEM SERVER VIA NEAREST IDF. REFER TO DETAIL J1.E5.03.
- ④ DUCT MOUNTED SMOKE DETECTOR PROVIDED BY DIV. 28. INSTALLED BY DIV. 23. & CONNECTED TO THE FIRE ALARM SYSTEM BY DIV. 28. OBTAIN 120V POWER FROM NEARBY RECEPTACLE CIRCUIT.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
CONCOURSE LEVEL SYSTEMS PLAN - QUAD C

SHEET TITLE:
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PROJECT MANAGER: JRB SHEET No. E3.23B
DRAWN BY: KRM
CHECKED BY: SLL

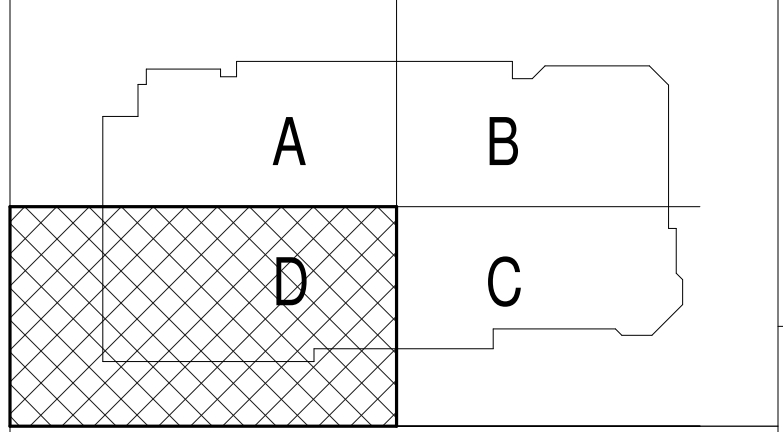
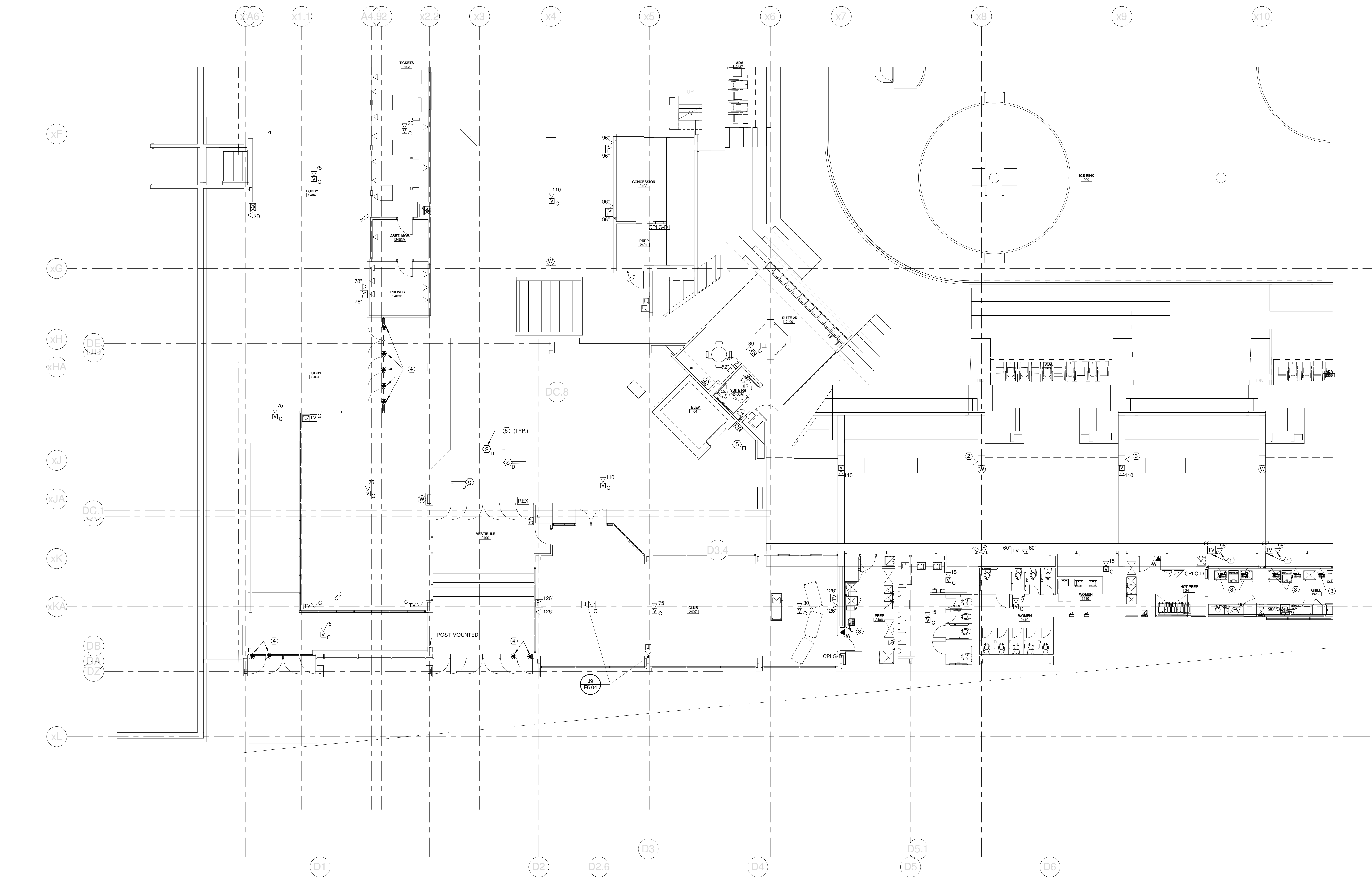
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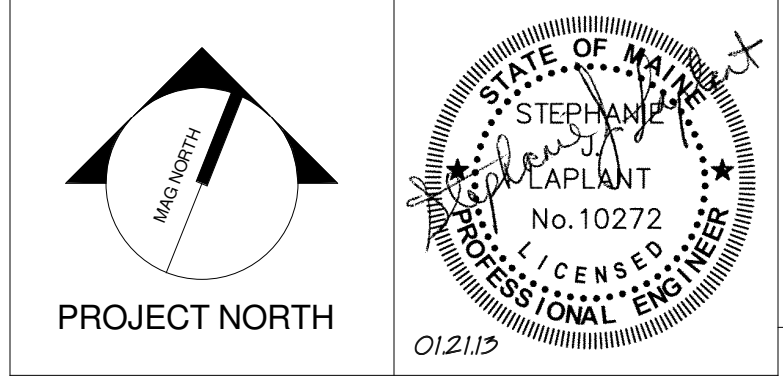
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- 2) REFEED EXISTING TEL/DATA JACKS TO POS SYSTEM SERVER VIA NEAREST IDF. REFER TO DETAIL J1/ES.03B.
- 3) DATA JACK FOR POS SYSTEM. CONNECT TO POS SYSTEM SERVER VIA NEAREST IDF. REFER TO DETAIL J1/ES.03B.
- 4) CONNECT TO FIRE ALARM SYSTEM FOR AUTOMATIC OPEN ON ACTIVATION OF SMOKE CONTROL SYSTEM (ZONE 3).
- 5) DUCT MOUNTED SMOKE DETECTOR PROVIDED BY DIV. 28. INSTALLED BY DIV. 23. & CONNECTED TO THE FIRE ALARM SYSTEM BY DIV. 28. OBTAIN 120V POWER FROM NEARBY RECEPTACLE CIRCUIT.



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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME
CONCOURSE LEVEL SYSTEMS PLAN - QUAD D

PROJECT No.	375700	GRAPHIC SCALE	1" = 10'
SCALE	1/8" = 1'-0"		
PROJECT MANAGER	JRB	SHEET No.	E3.24B
DRAWN BY	KRM		
CHECKED BY	SJL		

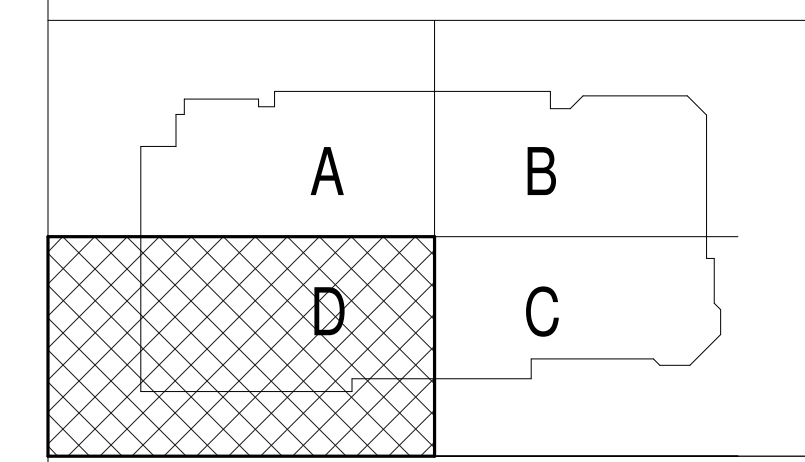
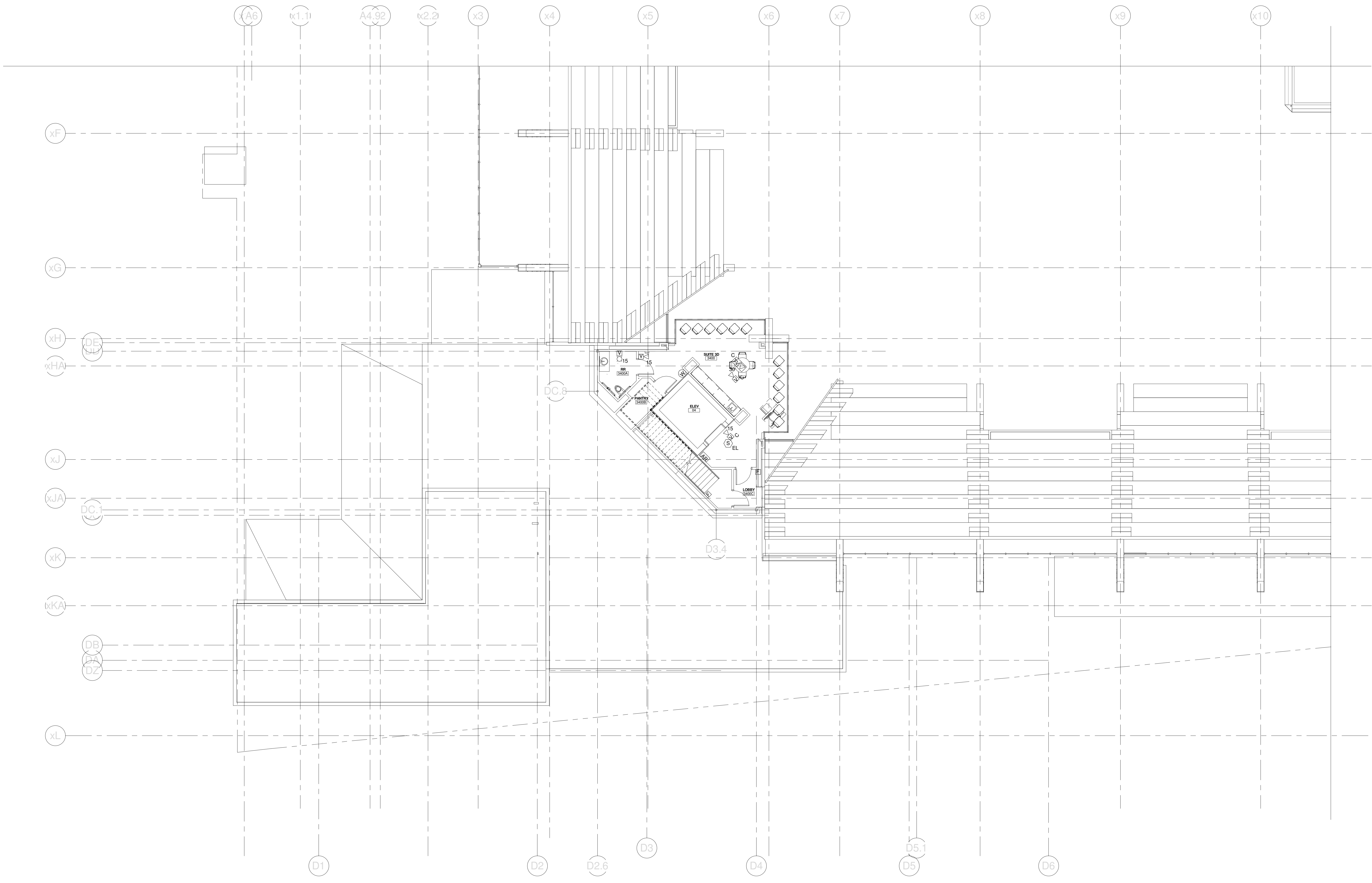
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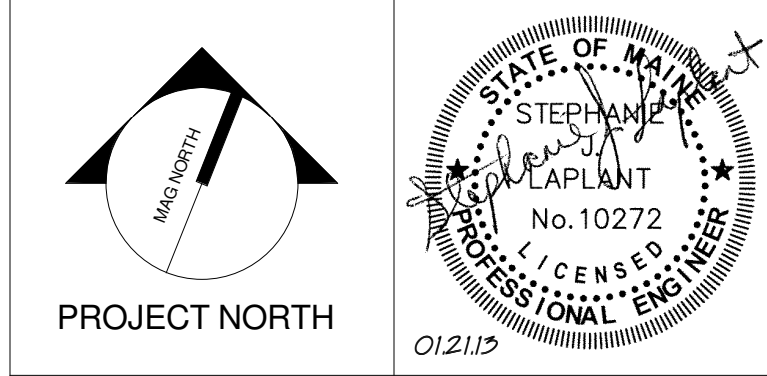


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME

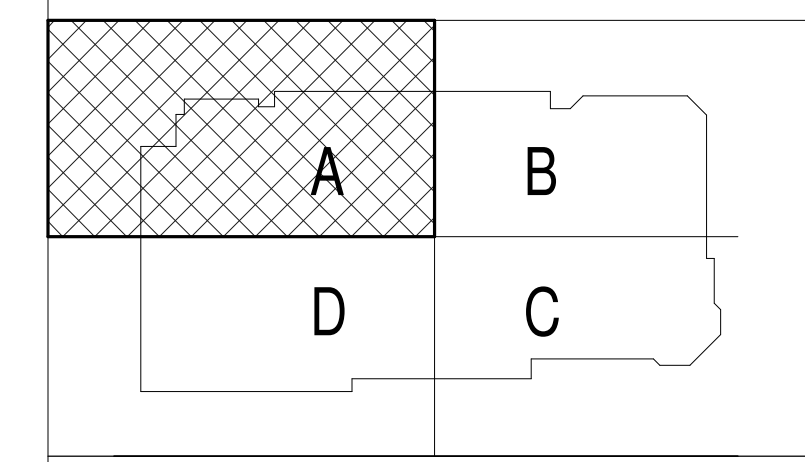
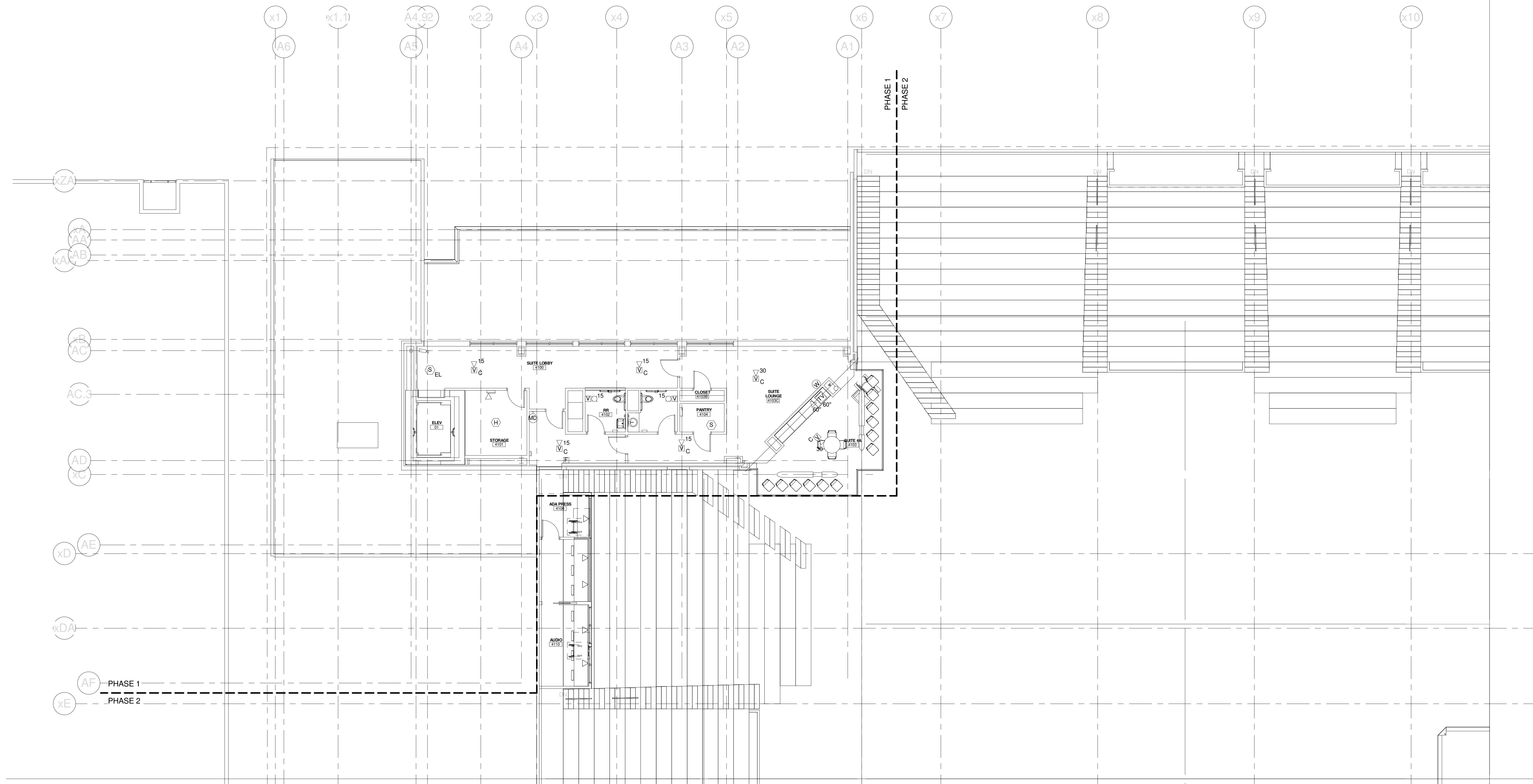
MID SUITES LEVEL SYSTEMS PLAN - QUAD D

WBRC CAD FILE: C:\Users\jaye\Documents\375700 - CCCC Electrical\jaye.mahar.rvt	GRAPHIC SCALE: 1" = 10'
PROJECT No. 375700	SCALE: 1/8" = 1'-0"
PROJECT MANAGER: JRB	SHEET No. E3.34B
DRAWN BY: KRM	CHECKED BY: S.J.L.

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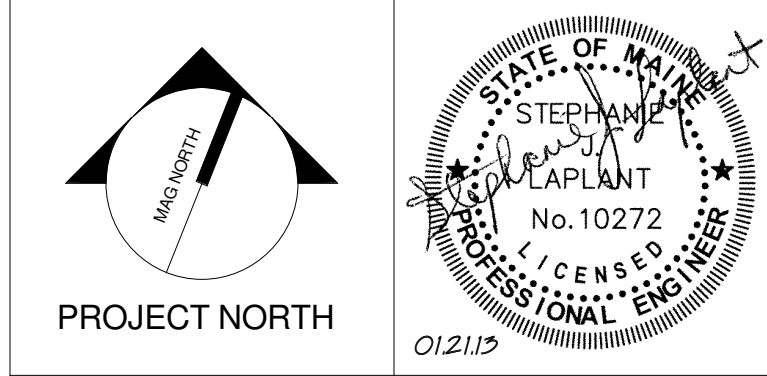
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, ME

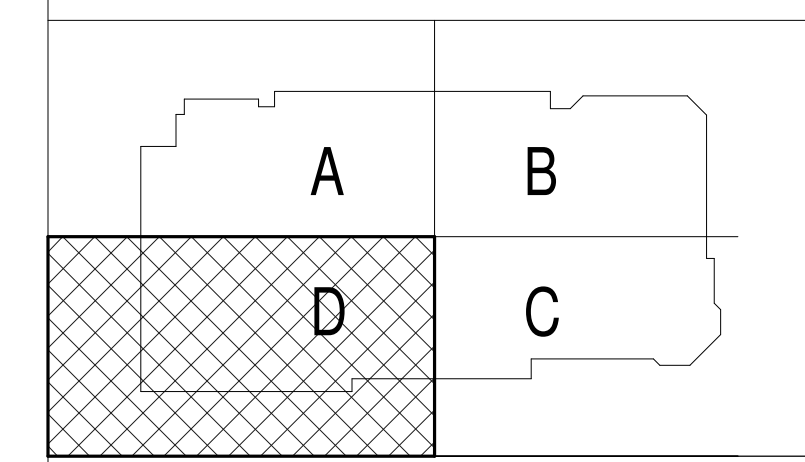
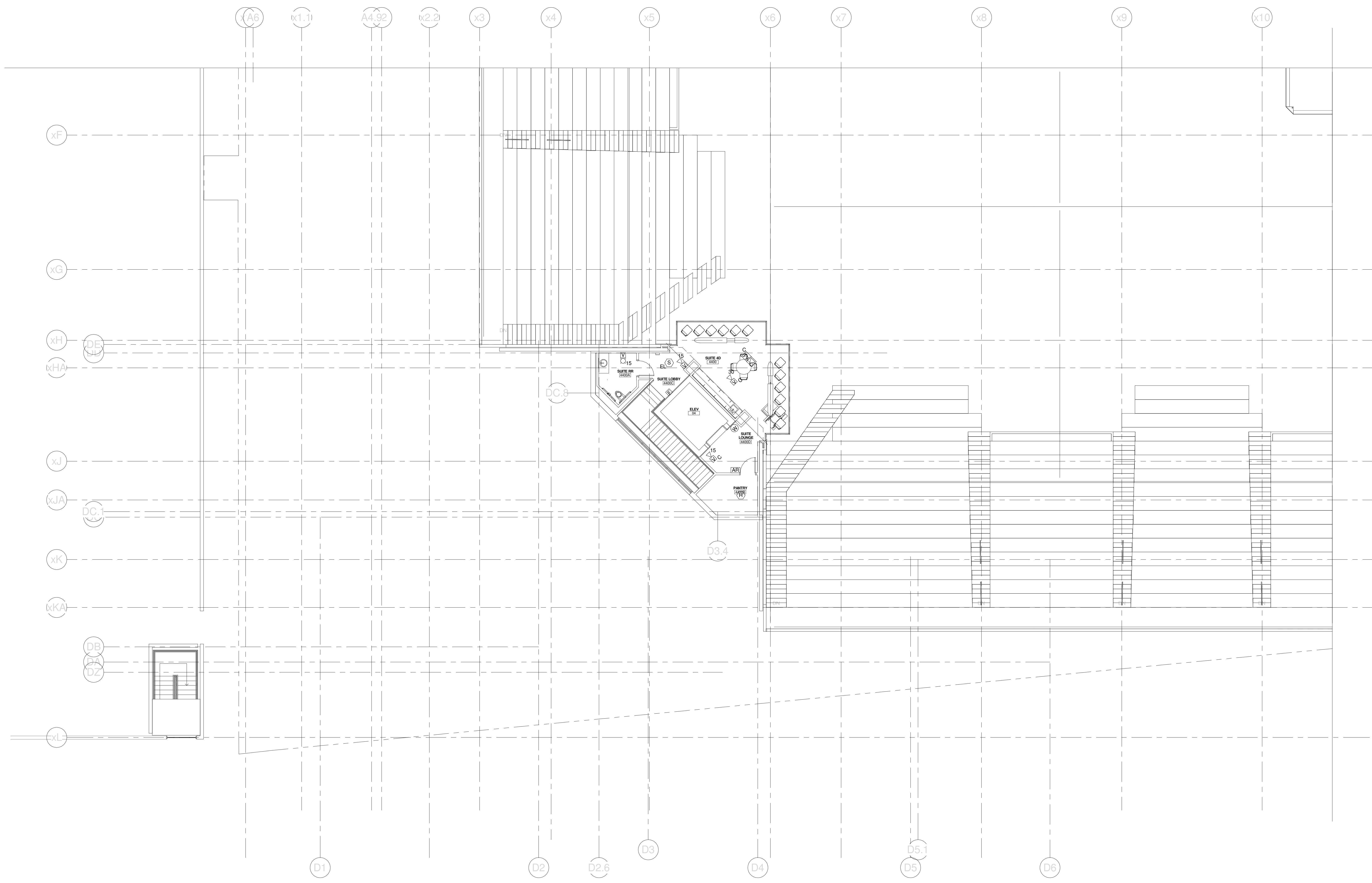
UPPER SUITES LEVEL SYSTEMS PLAN - QUAD A

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PROJECT No. 375700	DATE
SCALE 1/8" = 1'-0"	SHEET No. E3.41B
PROJECT MANAGER: JRB	DRAWN BY: KRM
CHECKED BY: S.J.	

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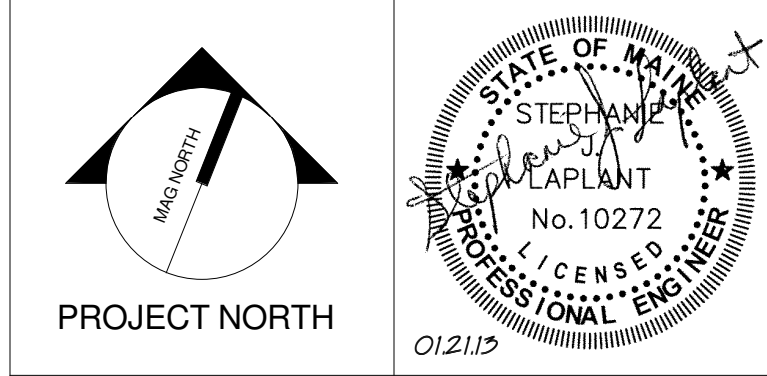
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PROJECT: PORTLAND, ME

UPPER SUITES LEVEL SYSTEMS PLAN - QUAD D

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PROJECT MANAGER: JRB	CHECKED BY: S.J.L.
DRAWN BY: KRM	

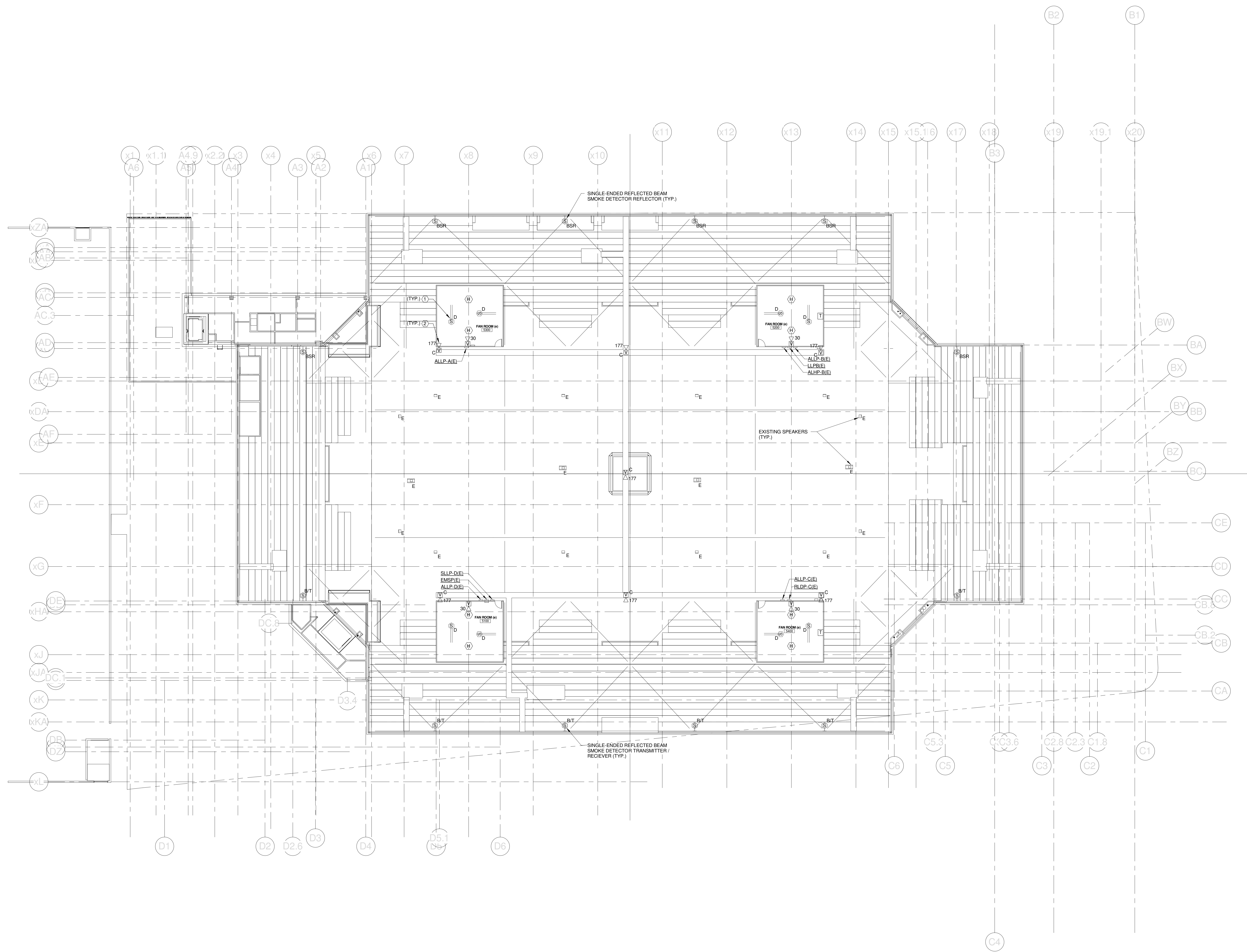
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TECHNICAL NOTES:

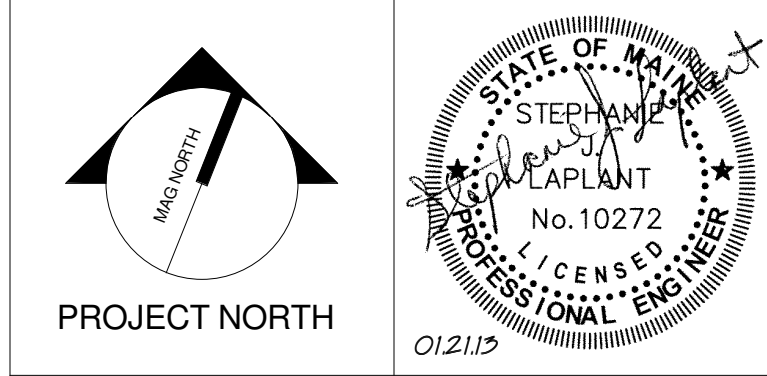
- ① DUCT MOUNTED SMOKE DETECTOR PROVIDED BY DIV. 28. INSTALLED BY DIV. 23 & CONNECTED TO THE FIRE ALARM SYSTEM BY DIV. 26. OBTAIN 120V POWER FROM NEARBY RECEPTACLE CIRCUIT.
- ② MOUNT TO UNDERSIDE OF CATWALK.



A	B
D	C

REV.	DESCRIPTION	DATE
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
CATWALK LEVEL SYSTEMS PLAN

SHEET TITLE	
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PROJECT No. 375700	GRAPHIC SCALE 1" = 10'
SCALE 1/16" = 1'-0"	
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DRAWN BY: KRM	E3.50B
CHECKED BY: S.JL	

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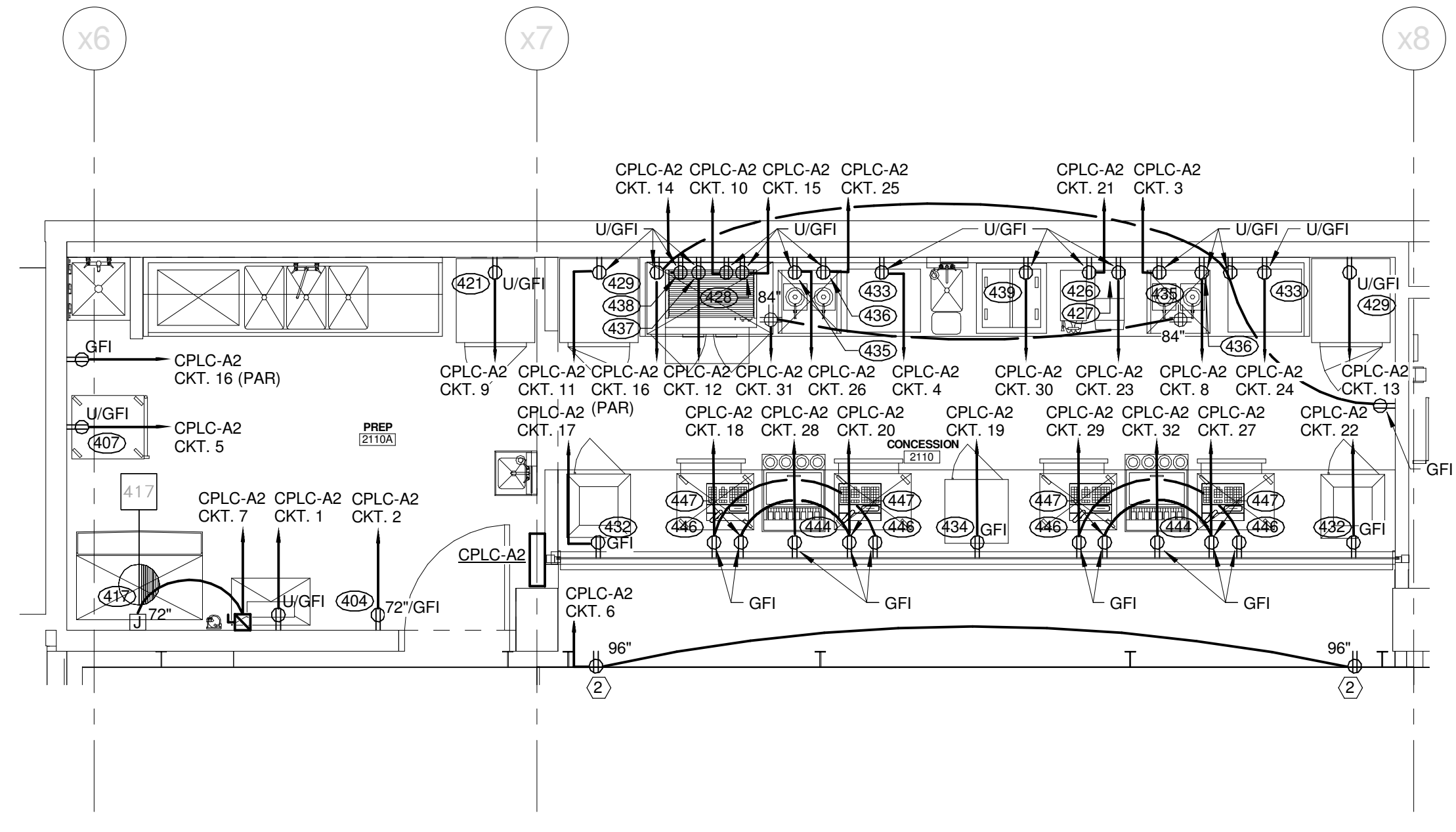
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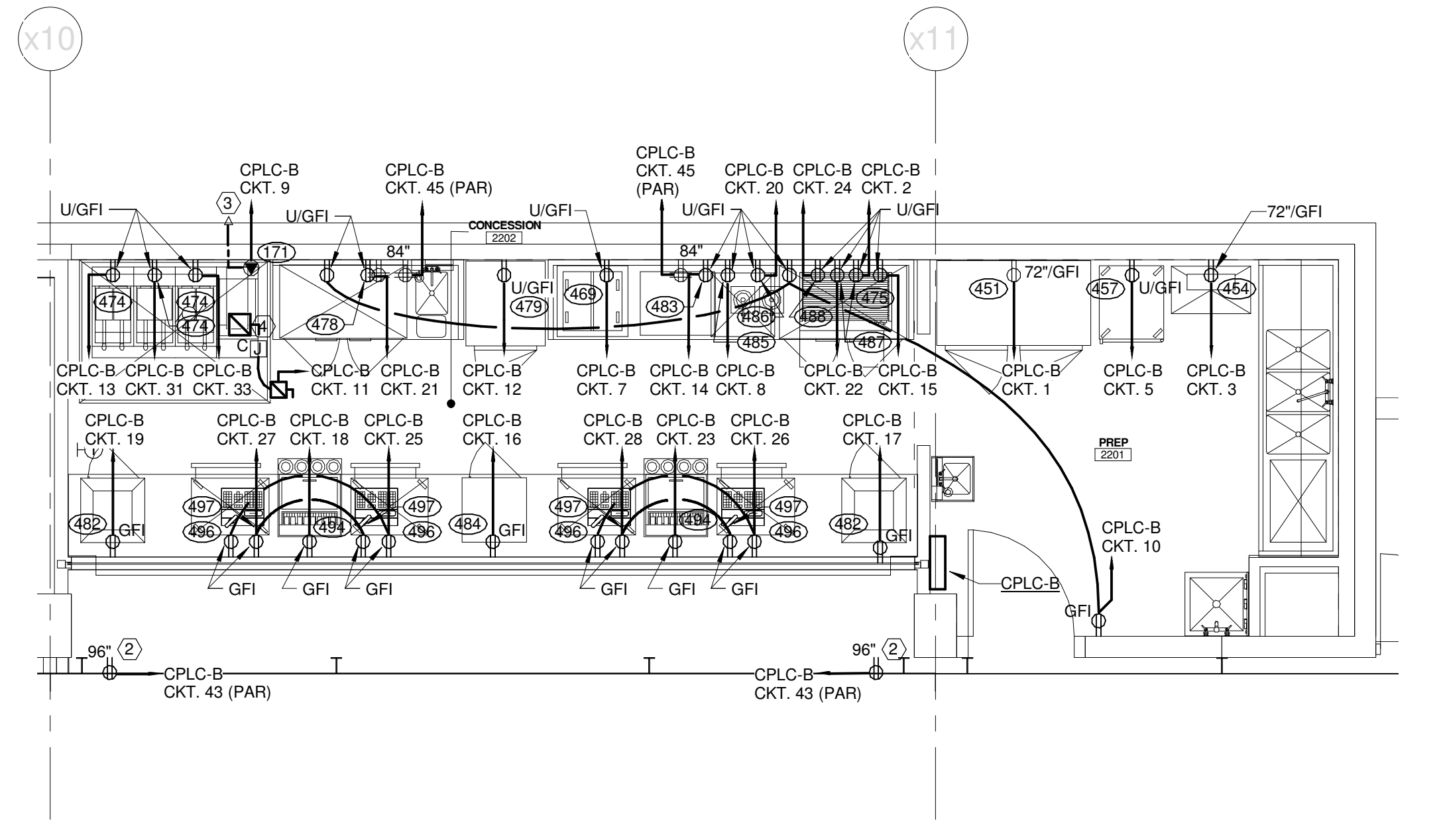
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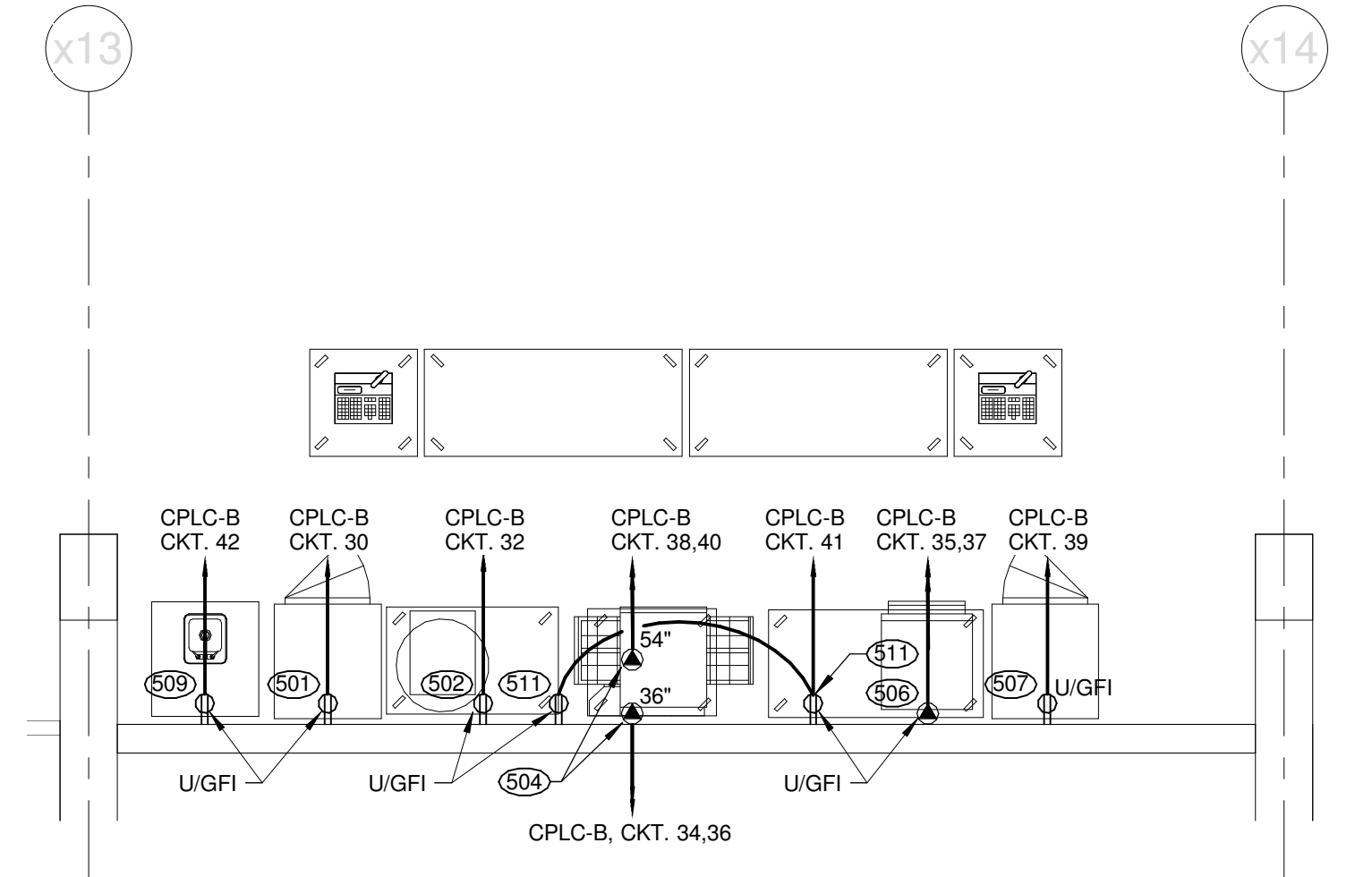
1. DIV. 26 CONTRACTOR TO PROVIDE INTERCONNECTIONS BETWEEN WALK-IN COOLER COMPONENTS (SWITCHES, LIGHTS, ALARMS, HEAT TRACE, ETC.) AS REQUIRED. COORDINATE WITH FOOD SERVICE CONTRACTOR.
2. MOUNT TO FACE OF SOFFIT. REFER TO SECTION 11A3.23 FOR MORE INFORMATION.
3. TO FIRE ALARM SYSTEM - PROVIDE ALL INTERCONNECTIONS AS REQUIRED BY CODE.
4. PROVIDE ALL ELECTRICAL INTERCONNECTIONS REQUIRED FOR EXHAUST HOOD - COORDINATE WITH FOOD SERVICE EQUIPMENT CONTRACTOR.



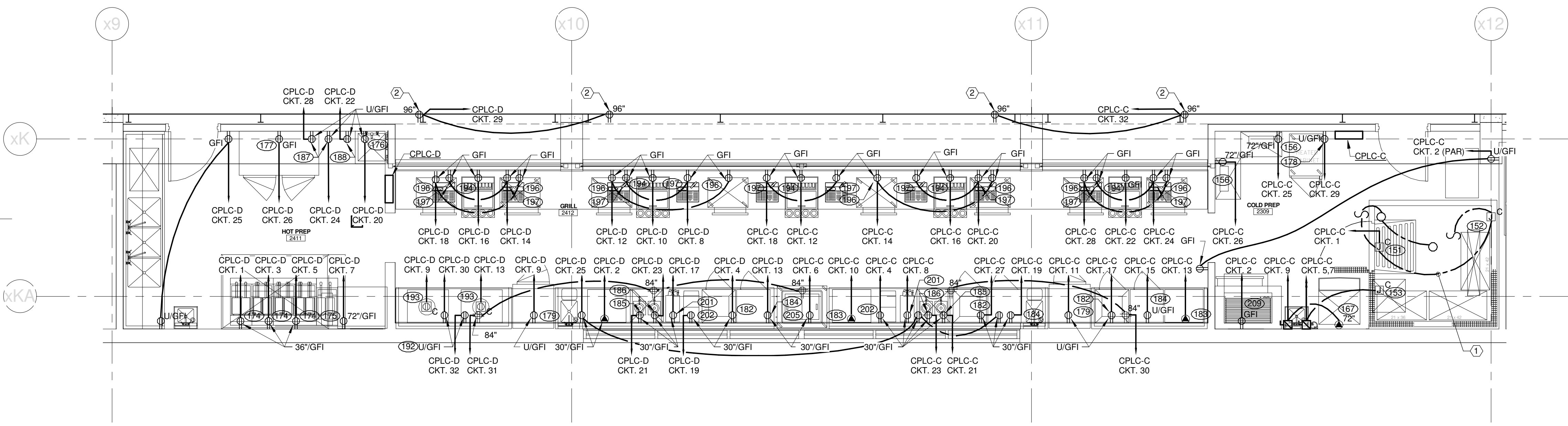
M6 CONCESSION 2110 / PREP 2109
1/4" = 1'-0"



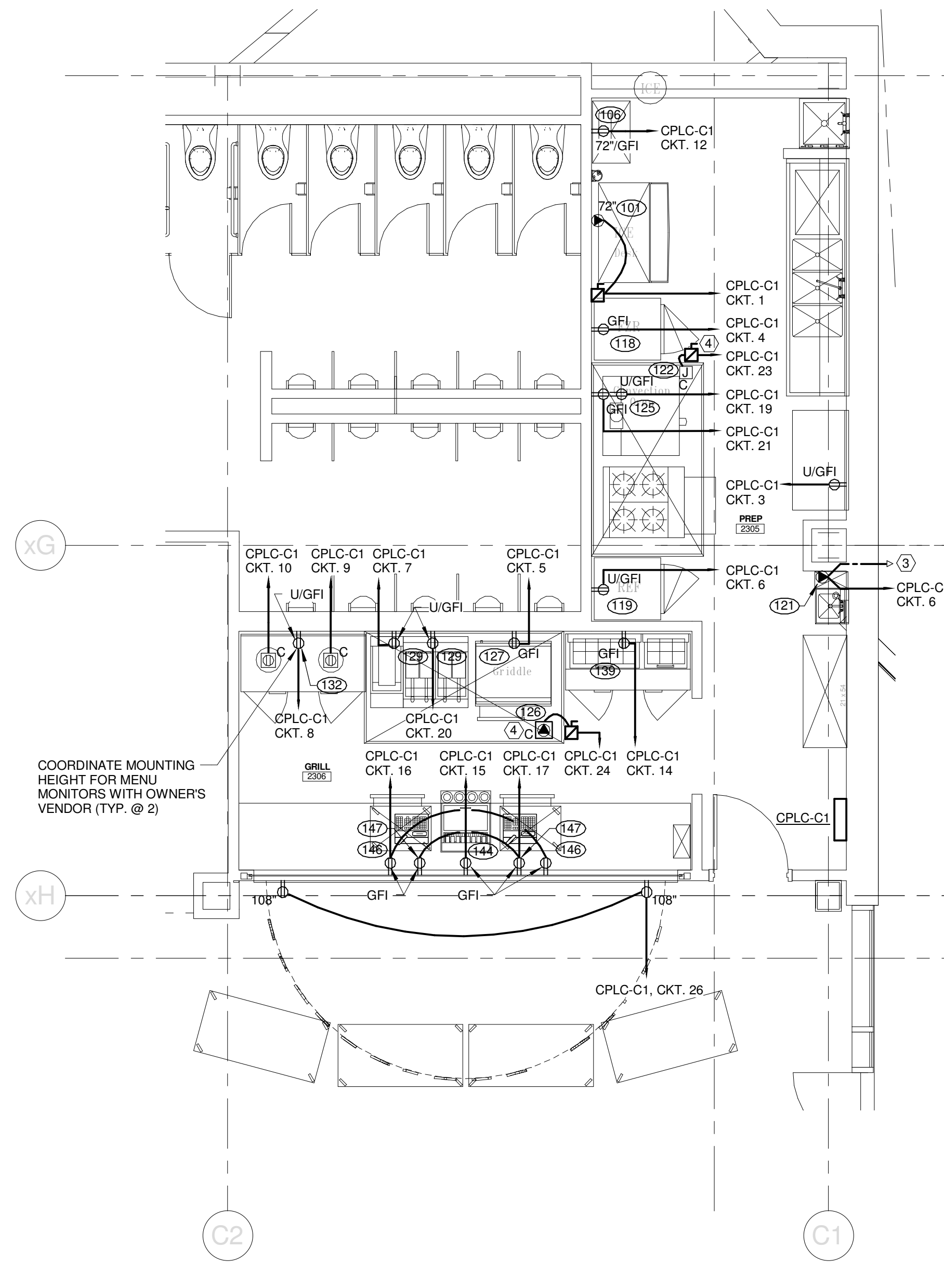
M12 CONCESSION 2202 / PREP 2201
1/4" = 1'-0"



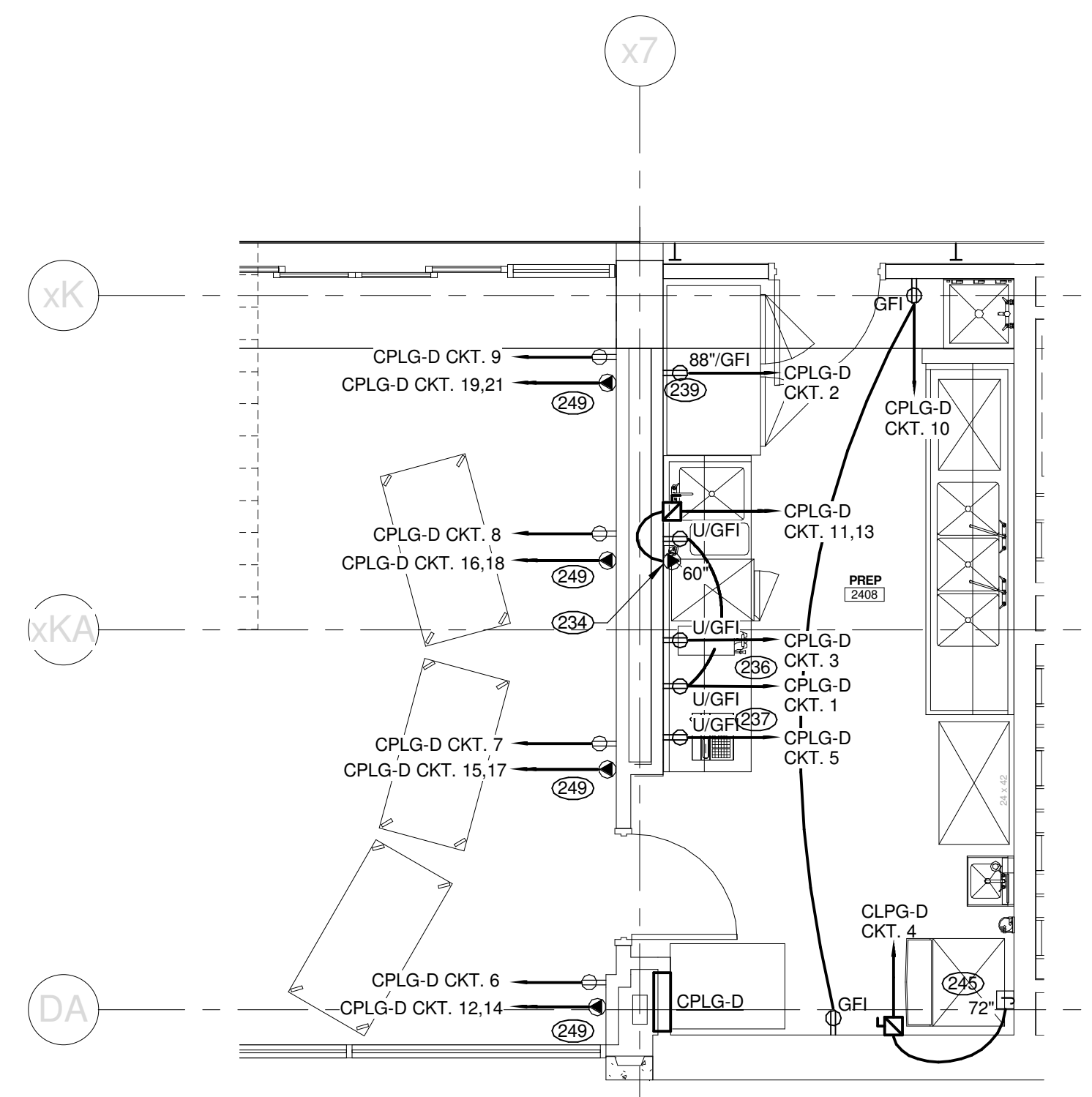
K1 FUN ZONE
1/4" = 1'-0"



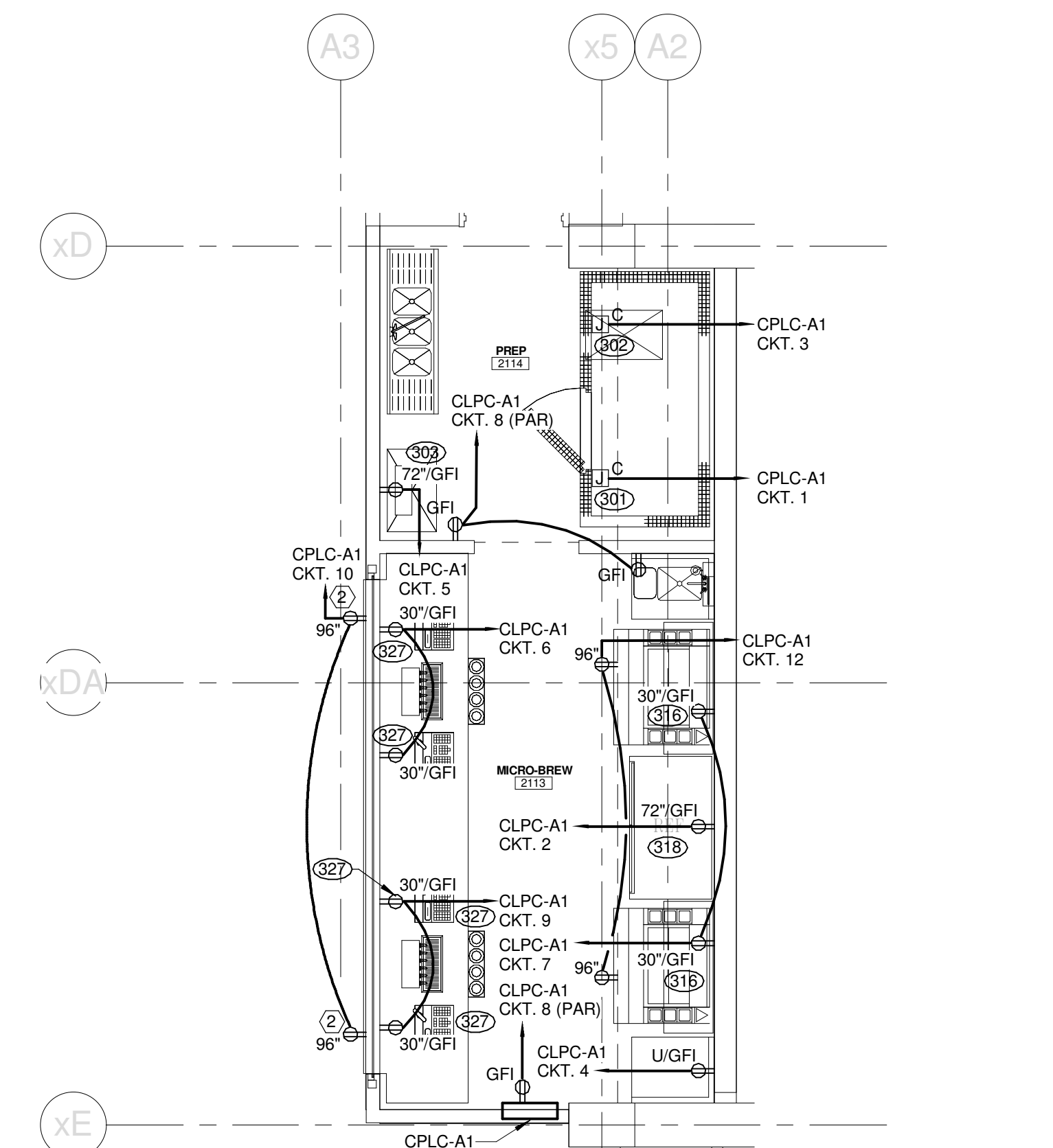
H6 HOT PREP 2411 / GRILL 2412 / COLD PREP 2409
1/4" = 1'-0"



A1 PREP 2305 / GRILL 2306
1/4" = 1'-0"



A8 CLUB 2407 / PREP 2408
1/4" = 1'-0"

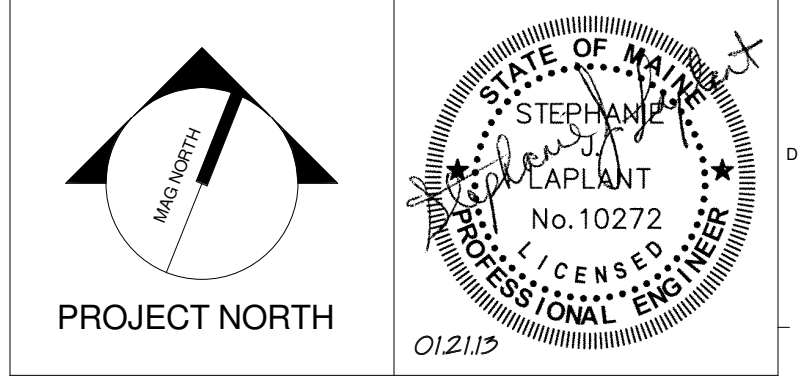


A15 MICRO-BREW 2113 / PREP 2114
1/4" = 1'-0"

A	B
D	C

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CONSTRUCTION DOCUMENTS
01-21-2013



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PROJECT No.	375700	GRAPHIC SCALE	1" = 1'-0"
SCALE	1/4" = 1'-0"		
PROJECT MANAGER	JRB	SHEET No.	E4.01B
DRAWN BY	KRM	CHECKED BY	SJL

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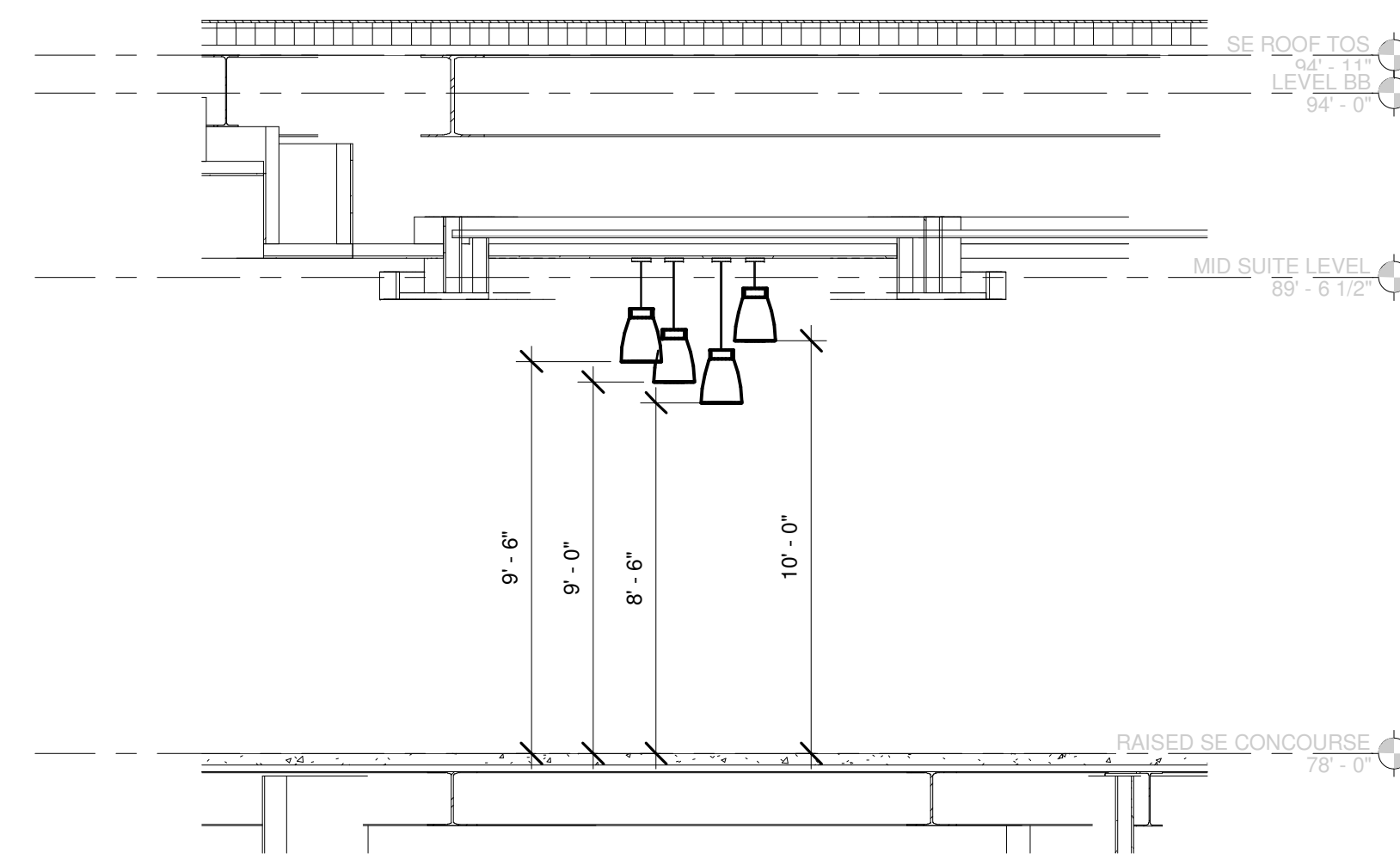
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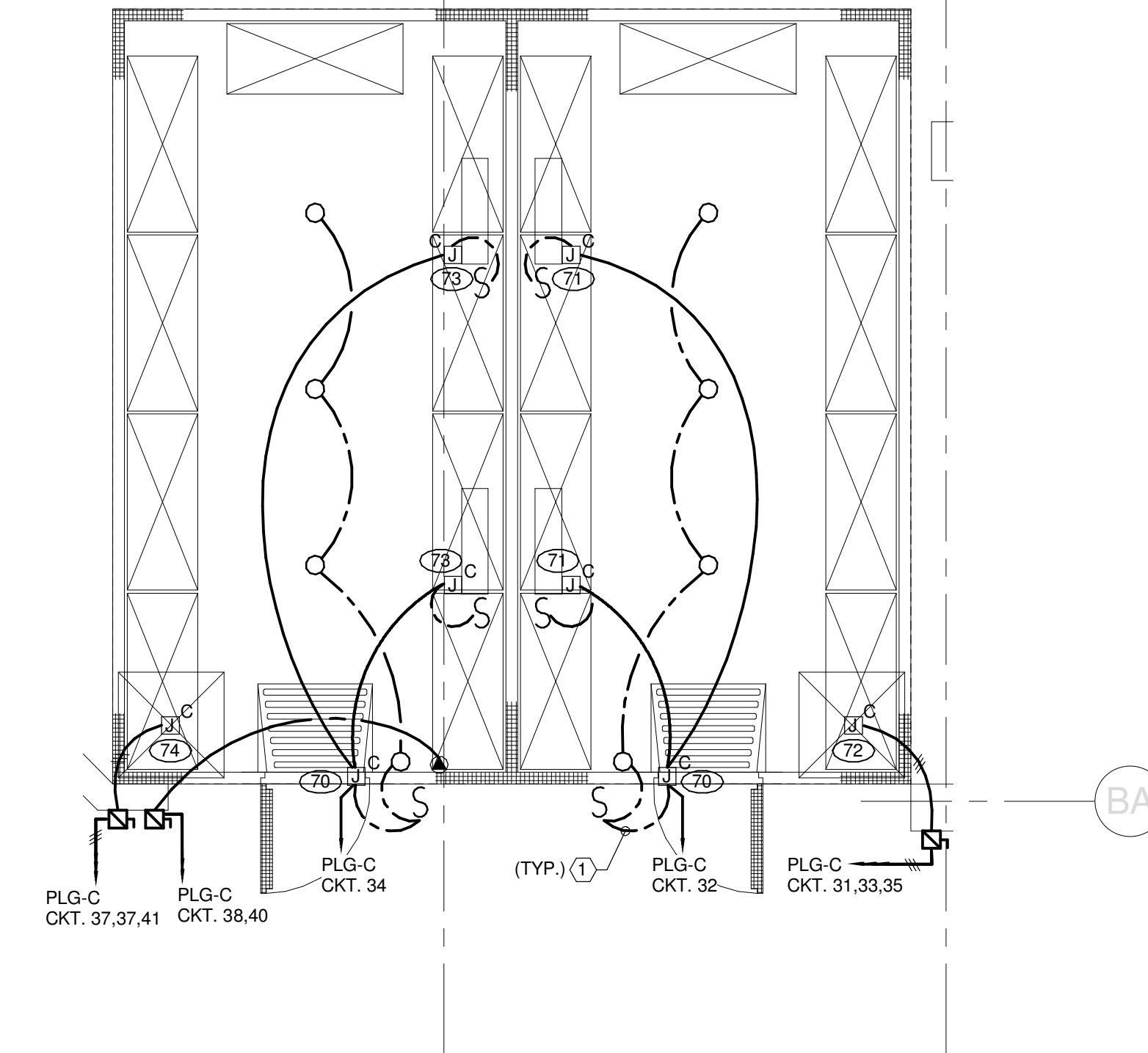
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FAX: 303.398.0225

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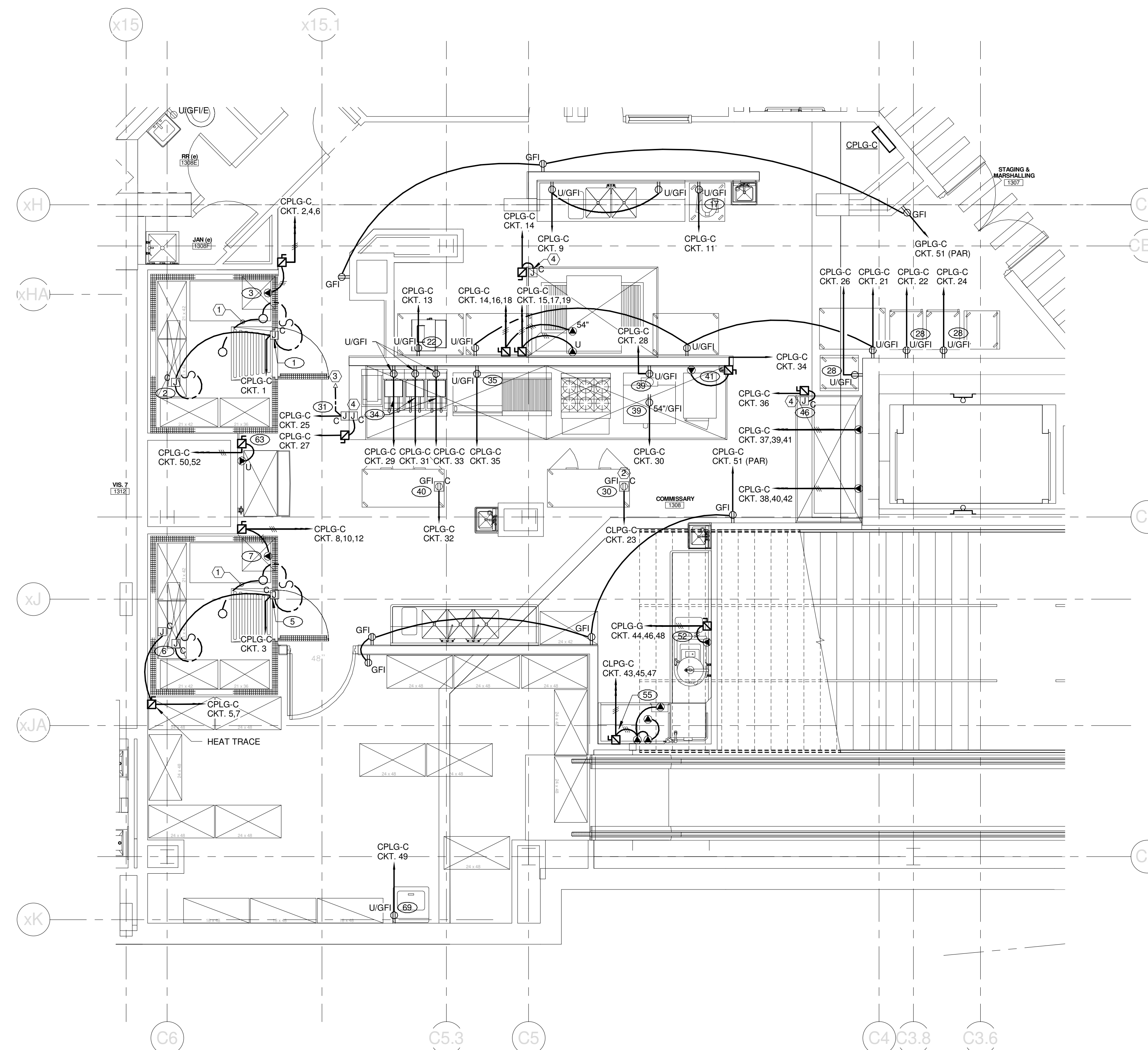
- ① DIV. 26 CONTRACTOR TO PROVIDE INTERCONNECTIONS BETWEEN WALK-IN COOLER COMPONENTS (SWITCHES, LIGHTS, ALARMS, HEAT TRACE, ETC.) AS REQUIRED. COORDINATE WITH FOOD SERVICE CONTRACTOR.
- ② RETRACTABLE DROP CEILING - REFER TO DETAIL E1E5.03B FOR MORE INFORMATION.
- ③ TO FIRE ALARM SYSTEM - PROVIDE ALL INTERCONNECTIONS AS REQUIRED BY CODE.
- ④ PROVIDE ALL ELECTRICAL INTERCONNECTIONS REQUIRED FOR EXHAUST HOOD - COORDINATE WITH FOOD SERVICE EQUIPMENT CONTRACTOR.



L9 SE CORNER LIGHTING SECTION
1/4" = 1'-0"



L13 E4.02B - BULK COLD STORAGE
1/4" = 1'-0"

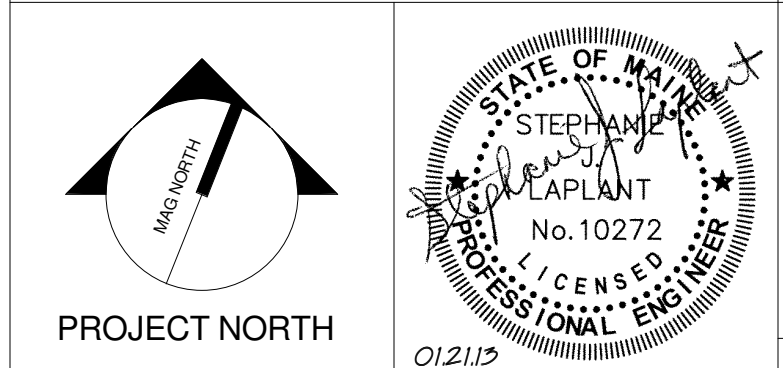


A9 COMMISSARY 1308
1/4" = 1'-0"

A	B
D	C

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PROJECT: PORTLAND, ME
ENLARGED ELECTRICAL PLANS

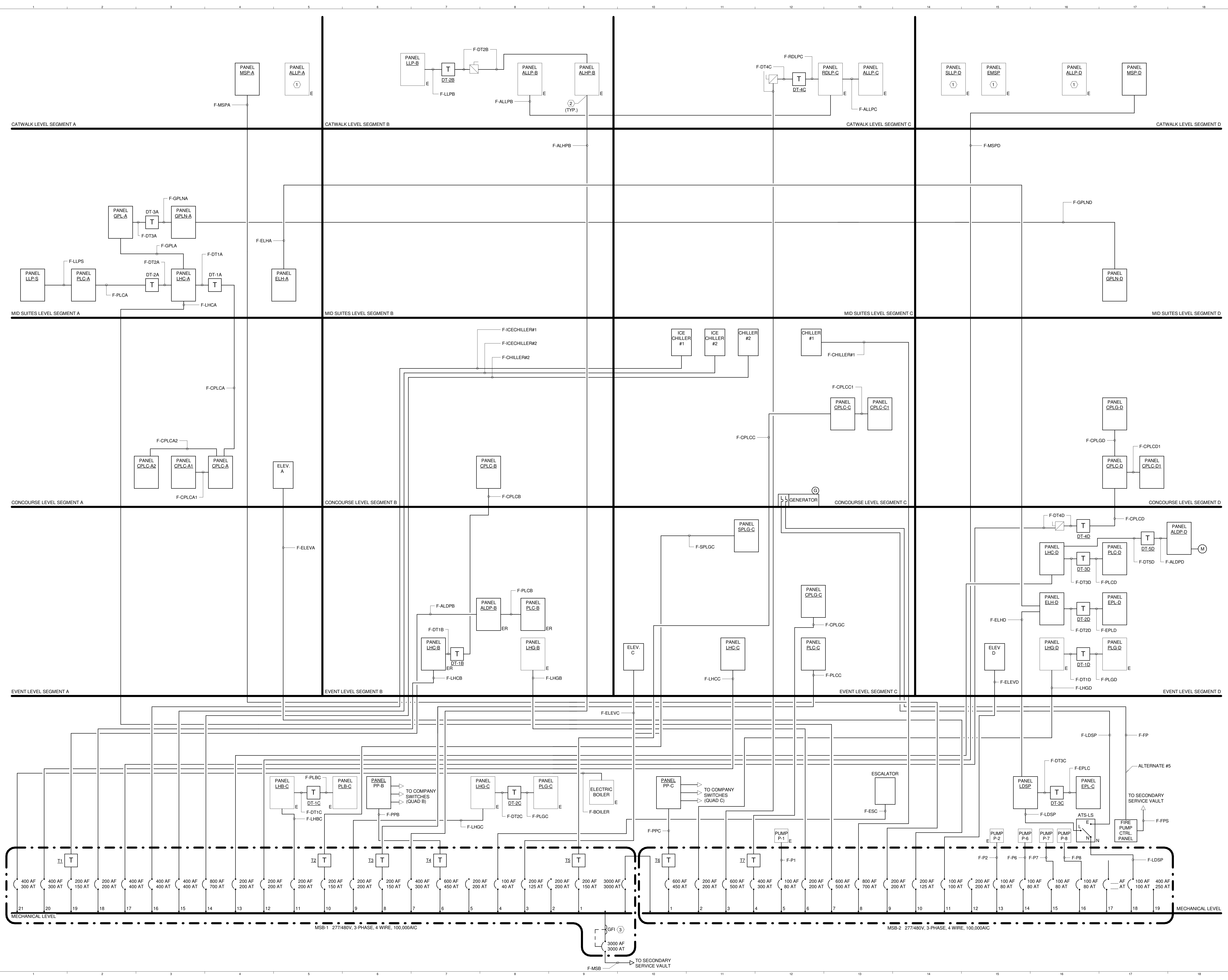
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PROJECT No.	375700
SCALE	1/4" = 1'-0"
PROJECT MANAGER	JRB
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CHECKED BY	SJL
SHEET No. E4.02B	

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TECHNICAL NOTES:

- ① MAINTAIN EXISTING WIRING TERMINATED IN PANEL.
- ② PROVIDE NEW FEEDERS TO ALL EXISTING PANELBOARDS.
- ③ PROVIDE PHASE PROTECTION ON SERVICE ENTRANCE EQUIPMENT.

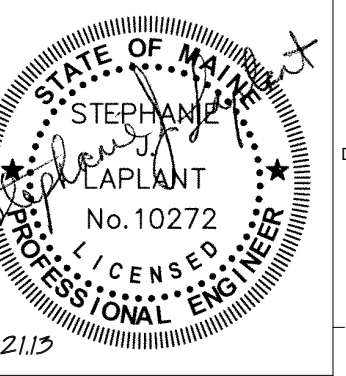


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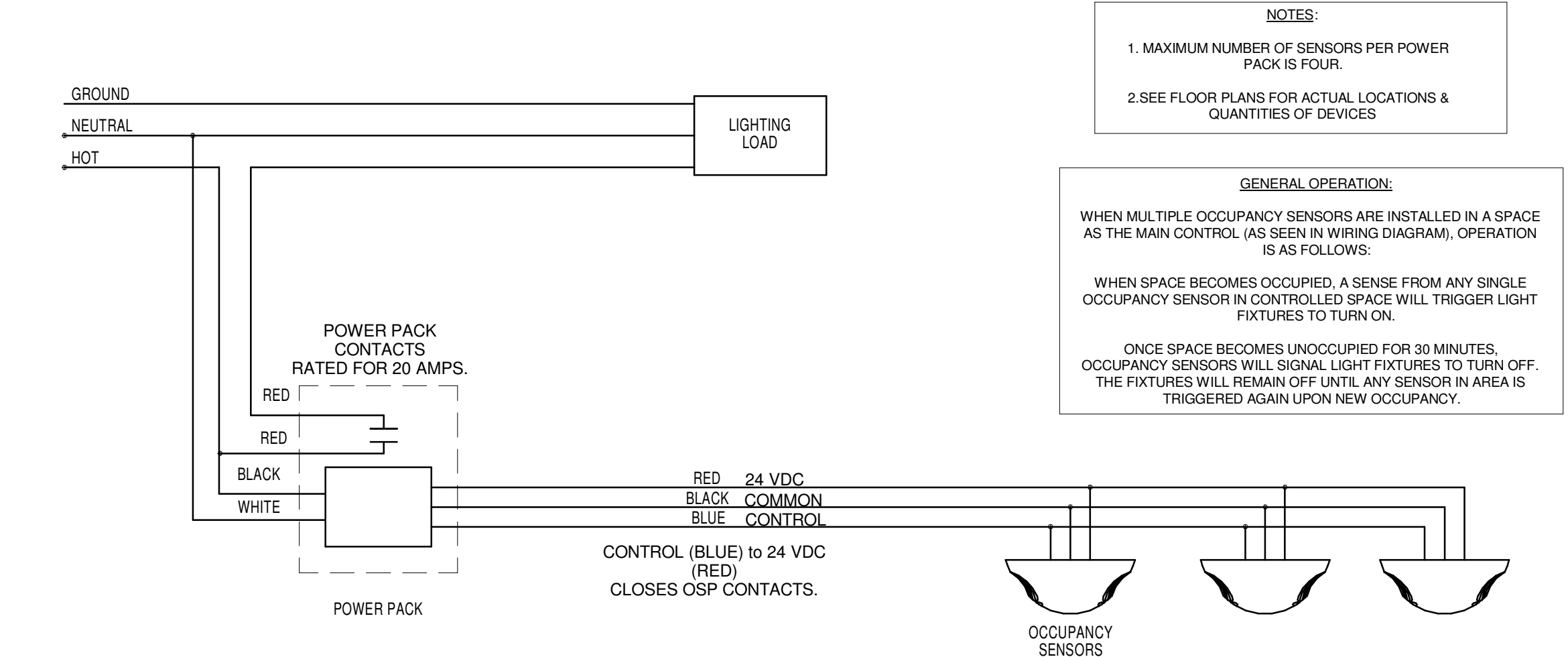
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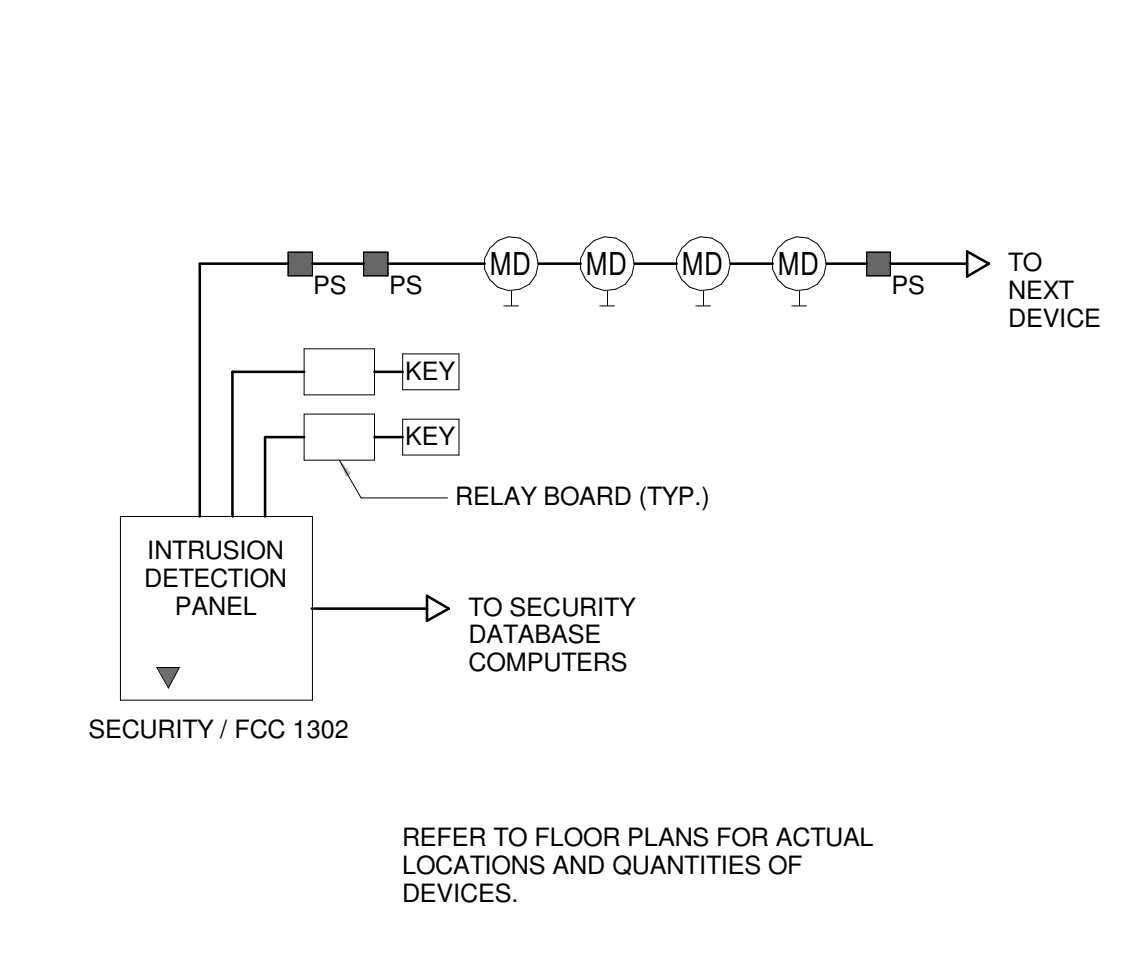
ELECTRICAL DETAILS

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DRAWN BY:	KRM
CHECKED BY:	SL

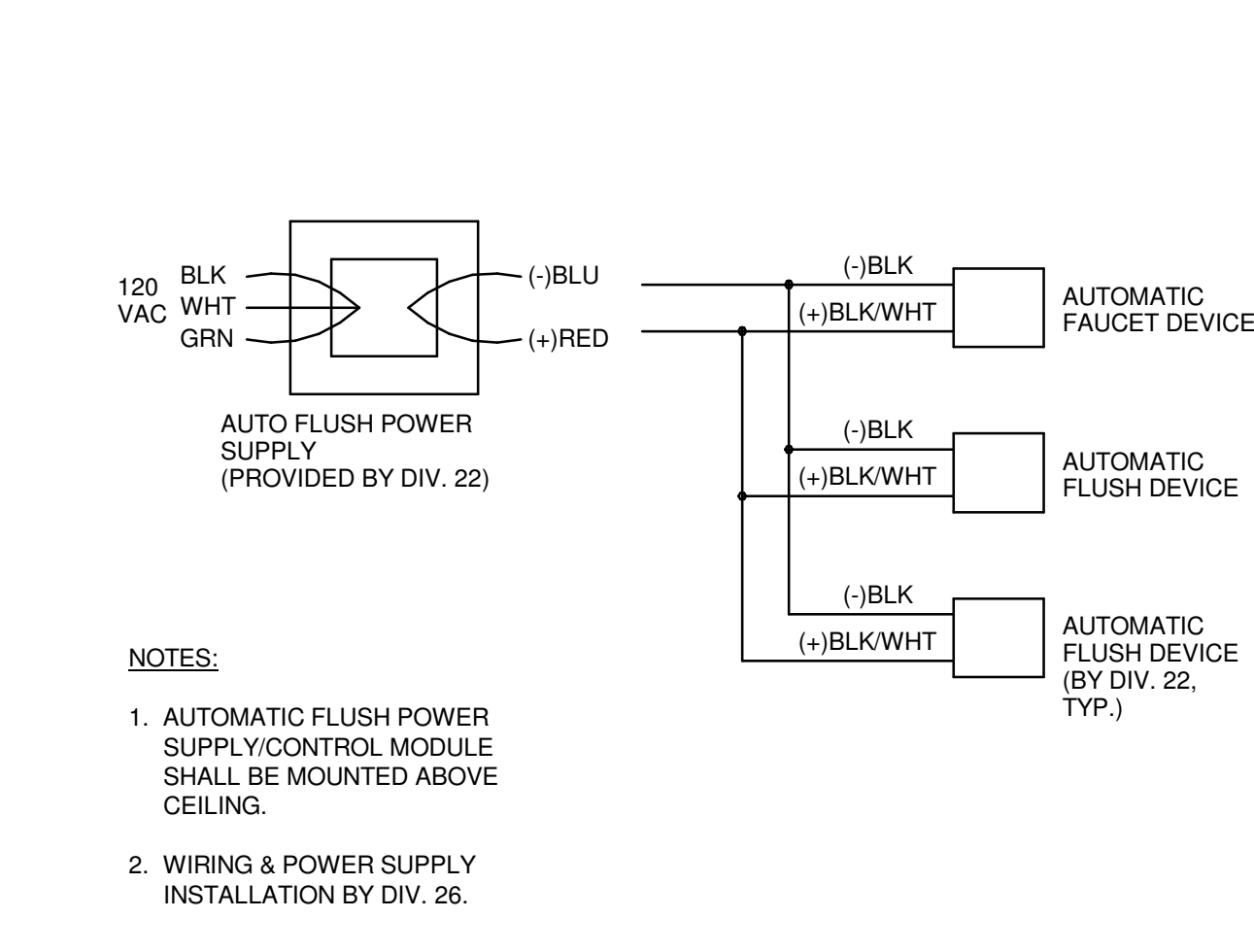
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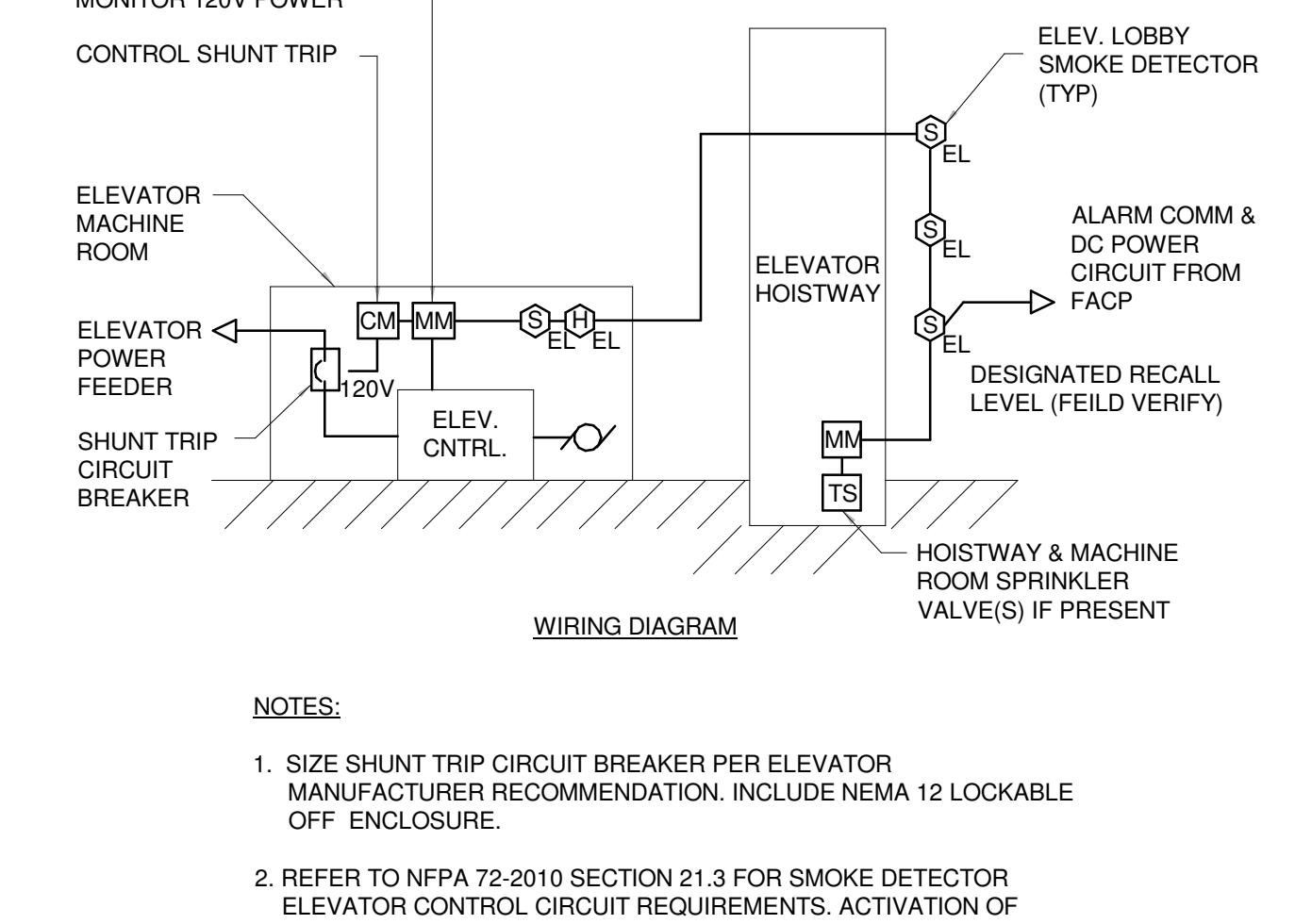
M1 MULTIPLE OCCUPANCY SENSOR WIRING DIAGRAM
NOT TO SCALE



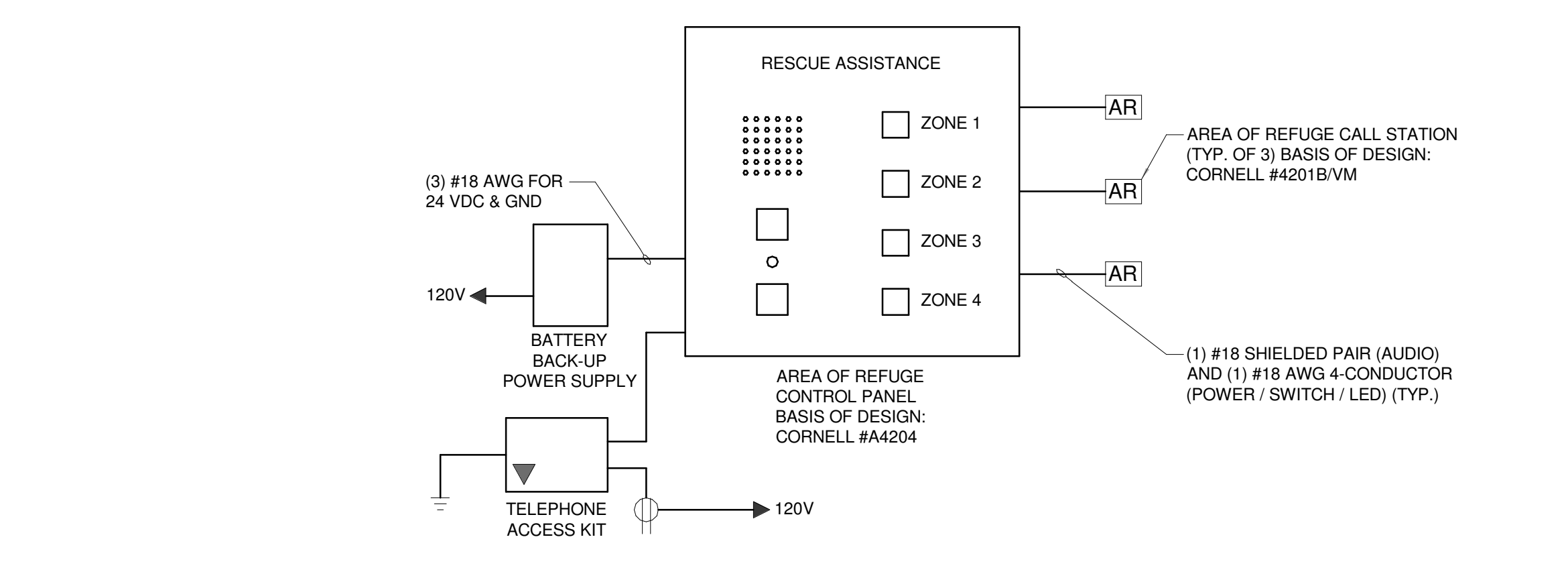
M8 INTRUSION DETECTION
NOT TO SCALE



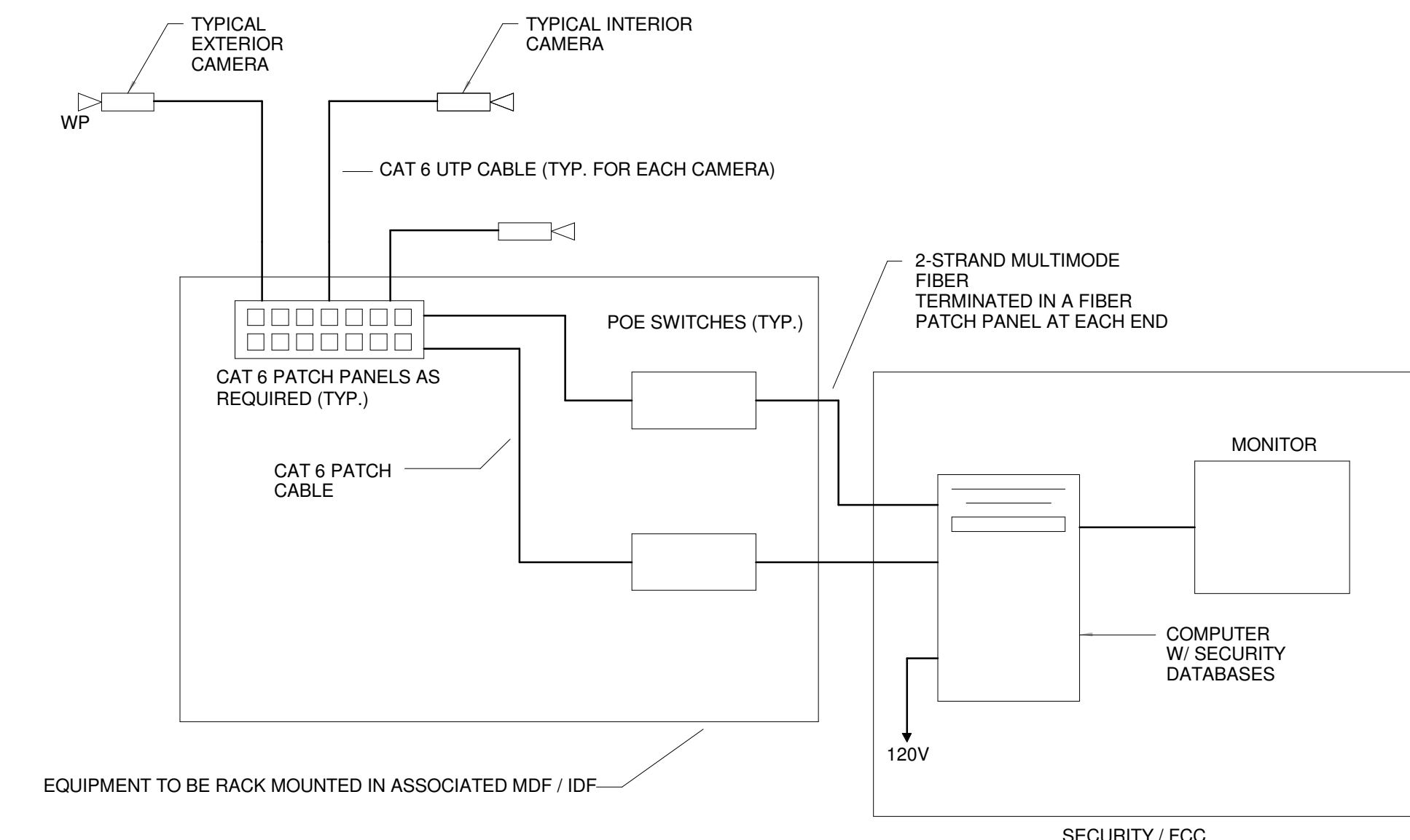
M11 AUTOMATIC FLUSH/FAUCET DEVICE WIRING DIAGRAM
NOT TO SCALE



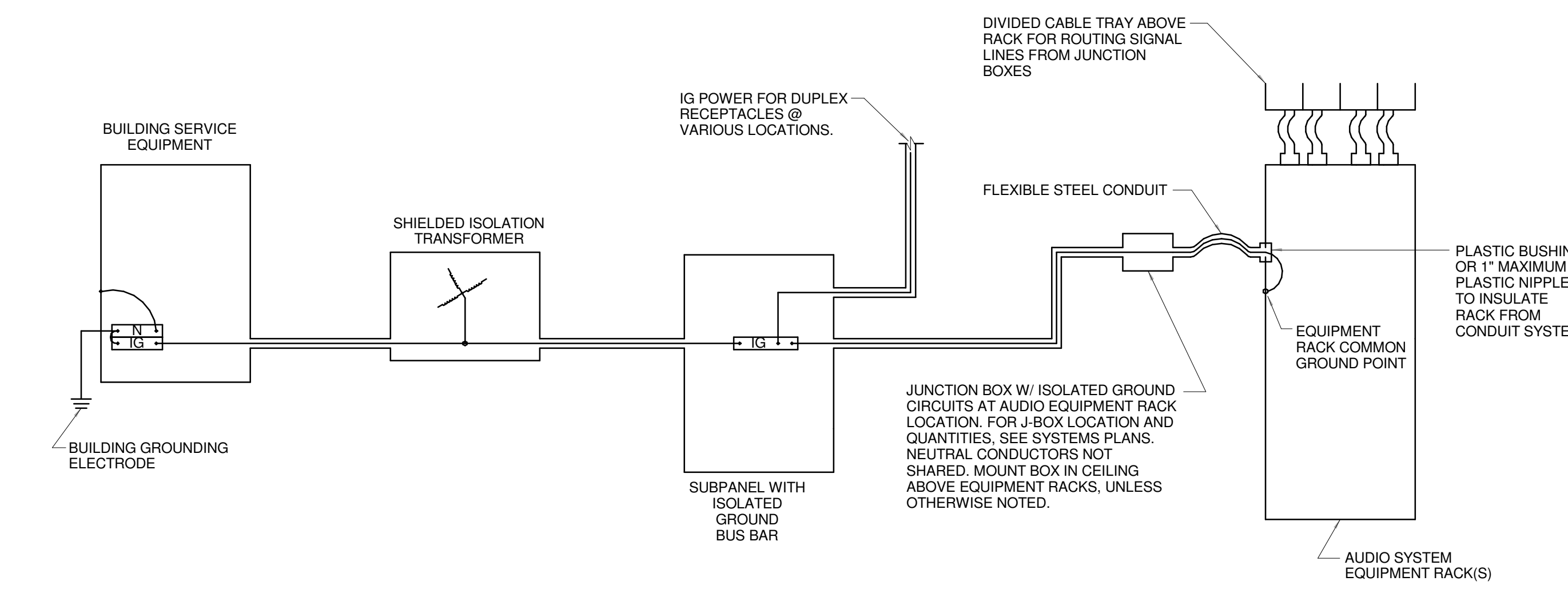
H14 ELEVATOR SHUNT TRIP WIRING DIAGRAM (TYP. FOR ALL ELEVATORS)
NOT TO SCALE



H1 AREA OF REFUGE RISER DIAGRAM
NOT TO SCALE



H9 VIDEO SURVEILLANCE SYSTEM WIRING DIAGRAM
NOT TO SCALE

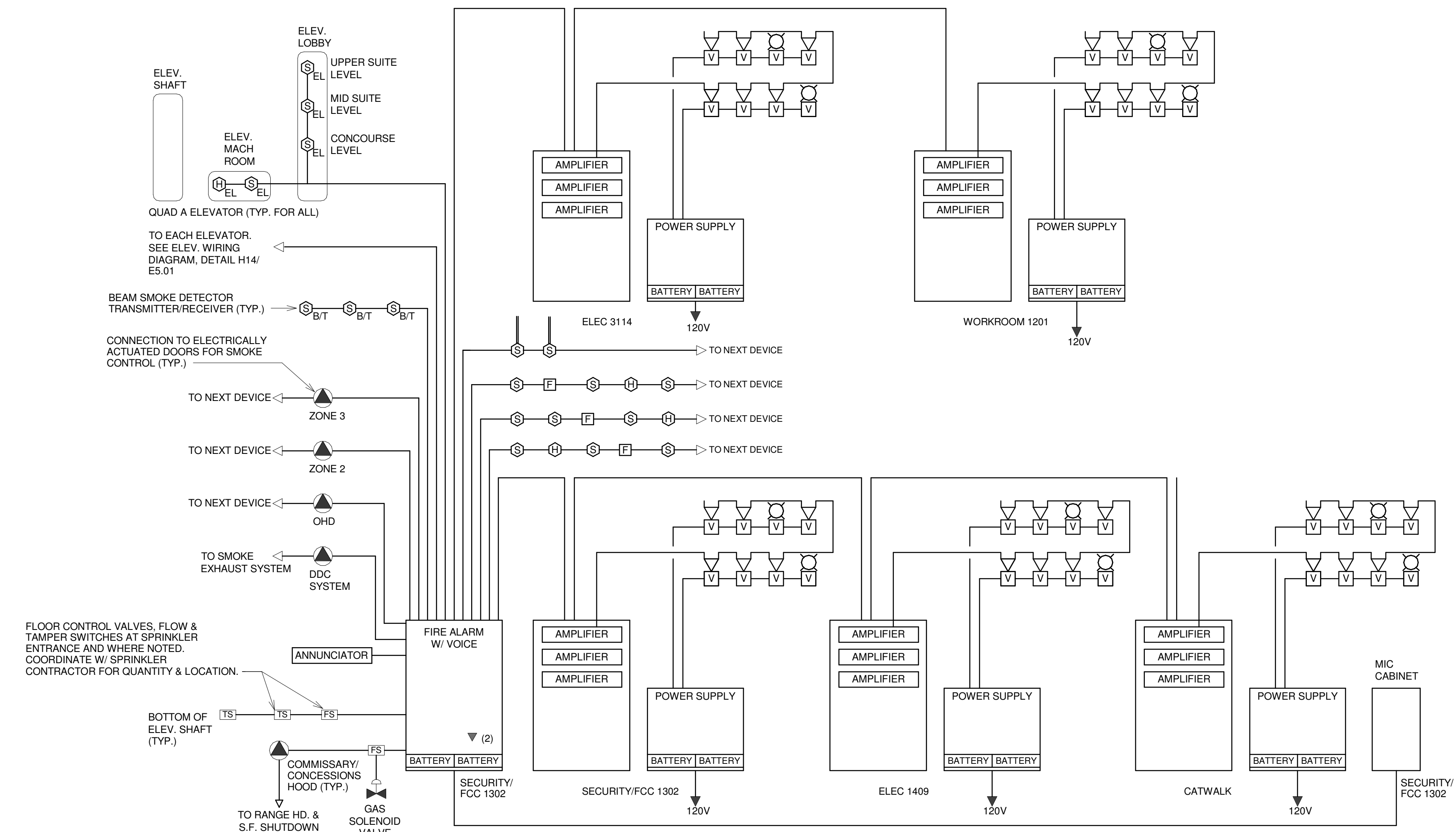


NOTES:
 1. "IG" = ISOLATED GROUND. ISOLATED GROUND CONDUCTORS SHALL BE INSULATED. ISOLATED GROUP SYSTEM SHALL HAVE NO CONTACT WHATSOEVER WITH METAL CONDUIT OR RACEWAYS, PANELBOARD ENCLOSURES AND NEUTRAL CONDUCTORS EXCEPT WHERE IG BUS IS BONDED TO NEUTRAL BUS AT BUILDING MAIN SERVICE EQUIPMENT.
 2. ISOLATED GROUND CONDUCTOR IS USED AS TECHNICAL GROUND. SIZE PER TECHNICAL GROUND CONDUCTOR TABLE OR NEC TABLE 250-122, WHICHEVER REQUIRES LARGER SIZE.
 3. CONDUCTORS AT BUILDING SERVICE EQUIPMENT CONNECTING IG BUS TO NEUTRAL AND NEUTRAL TO BUILDING GROUNDING ELECTRODE SHALL BE NO SMALLER THAN LARGEST IG CONDUCTOR.
 4. WIRING PROVISIONS SHOWN FOR SUBPANELS ARE TYPICAL FOR SUBPANELS.
 5. USE STEEL CONDUIT/RACEWAY FOR ALL AUDIO SYSTEM POWER, GROUND, CONTROL AND SIGNAL LINES. EXCEPTION: LOUDSPEAKER LINES, FOR WHICH STEEL, OTHER METAL OR PLASTIC MAY BE USED.
 6. RUN AUDIO CONDUIT SPACED AT LEAST 12" FROM POWER CONDUIT. WHERE AUDIO AND POWER CONDUIT CROSS, CROSS AT 90 DEGREES.
 7. AUDIO SYSTEM EQUIPMENT RACK(S), STEEL FLEXIBLE CONDUIT ATTACHED TO RACK(S) VIA INSULATING BUSHING OR PLASTIC NIPPLE, AND GROUND CONDUCTOR WITHIN FLEXIBLE CONDUIT ARE BY DIV. 27 CONTRACTOR. OTHER WORK SHOWN ON THIS DETAIL ARE BY DIV. 26 CONTRACTOR.

TECHNICAL GROUND CONDUCTOR SIZE TABLE	
DISTANCE FROM EQUIPMENT RACK COMMON GROUND POINT TO BUILDING GROUNDING ELECTRODE CONNECTION POINT (INSUL. WIRE)	MIN. COPPER CONDUCTOR SIZE (AWG)
60-95 FT	12
95-150 FT	10
150-225 FT	8
225-385 FT	4
385-475 FT	3
475-590 FT	2
590-770 FT	1/0
770-910 FT	1
910-1180 FT	2/0
1180-1500 FT	3/0
1500-1900 FT	4/0

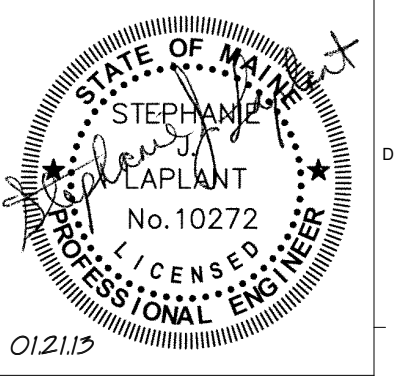
*USE LARGER SIZE IF/AS REQUIRED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE TABLE 250-122.

A1 ISOLATED GROUND POWER DETAIL
NOT TO SCALE



A9 FIRE ALARM SYSTEMS RISER DIAGRAM
NOT TO SCALE

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01-21-2013		
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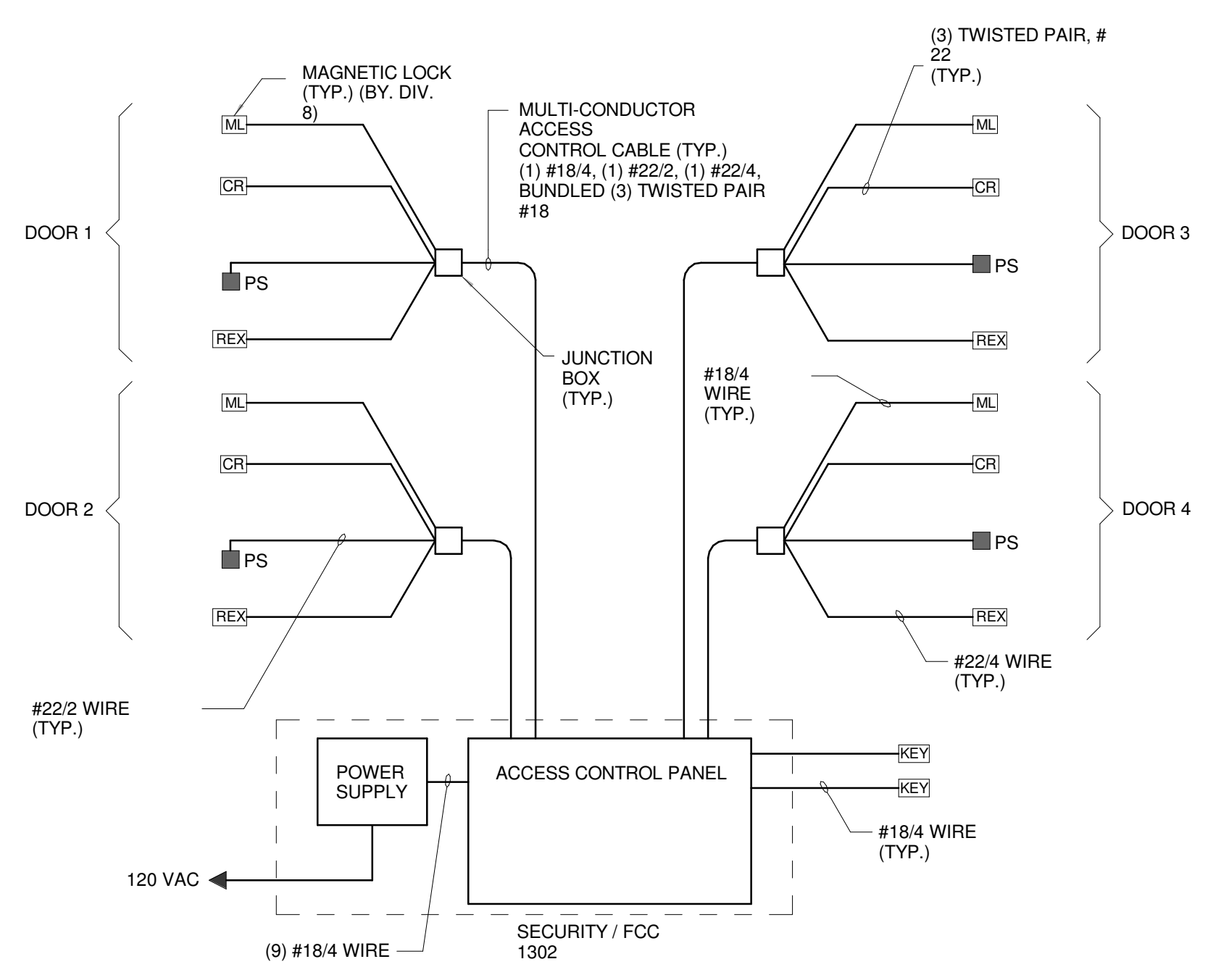
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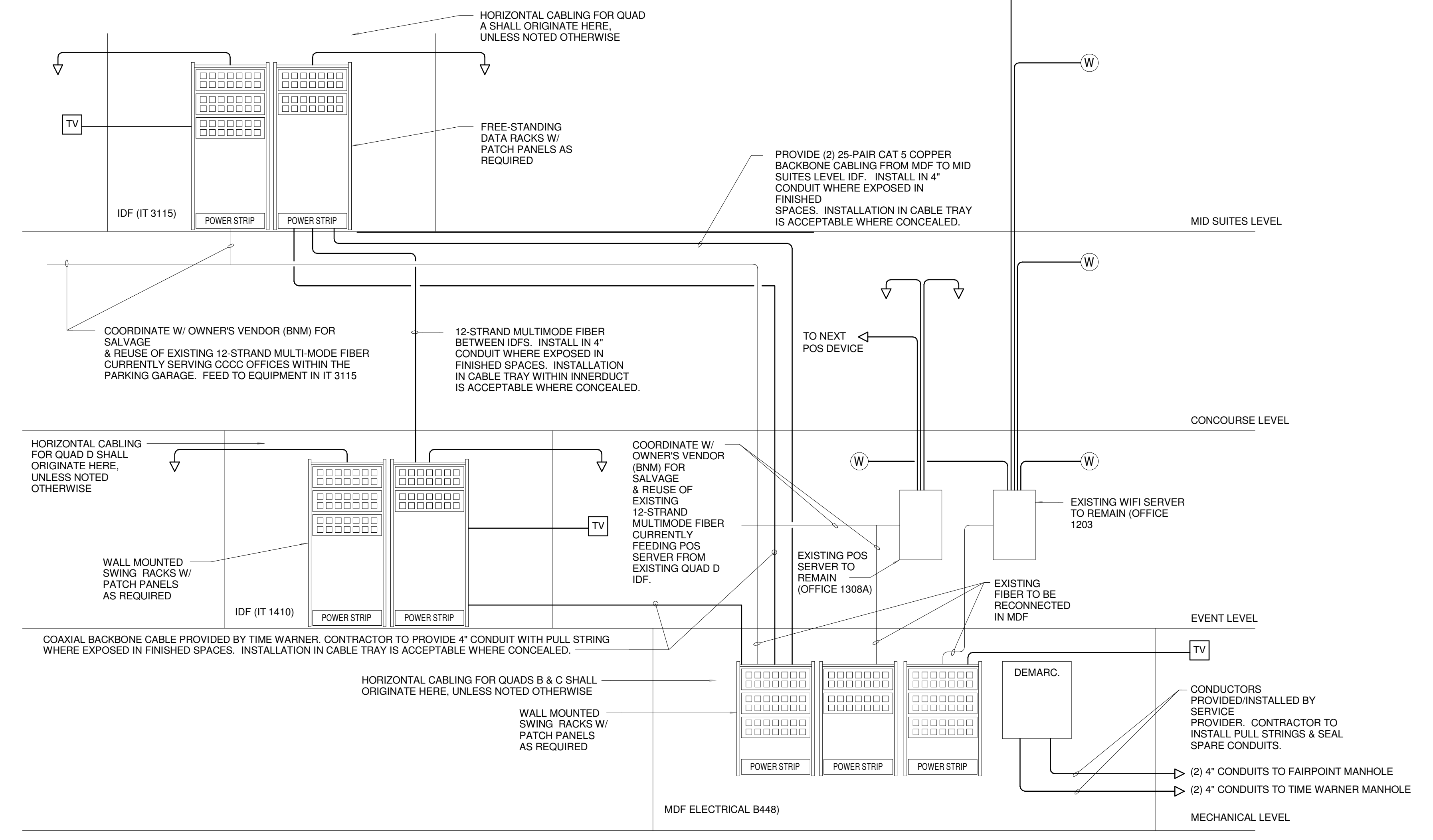
PROJECT: PORTLAND, ME
ELECTRICAL DETAILS

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DRAWN BY:	KRM
CHECKED BY:	SJL
SHEET No.:	E5.02

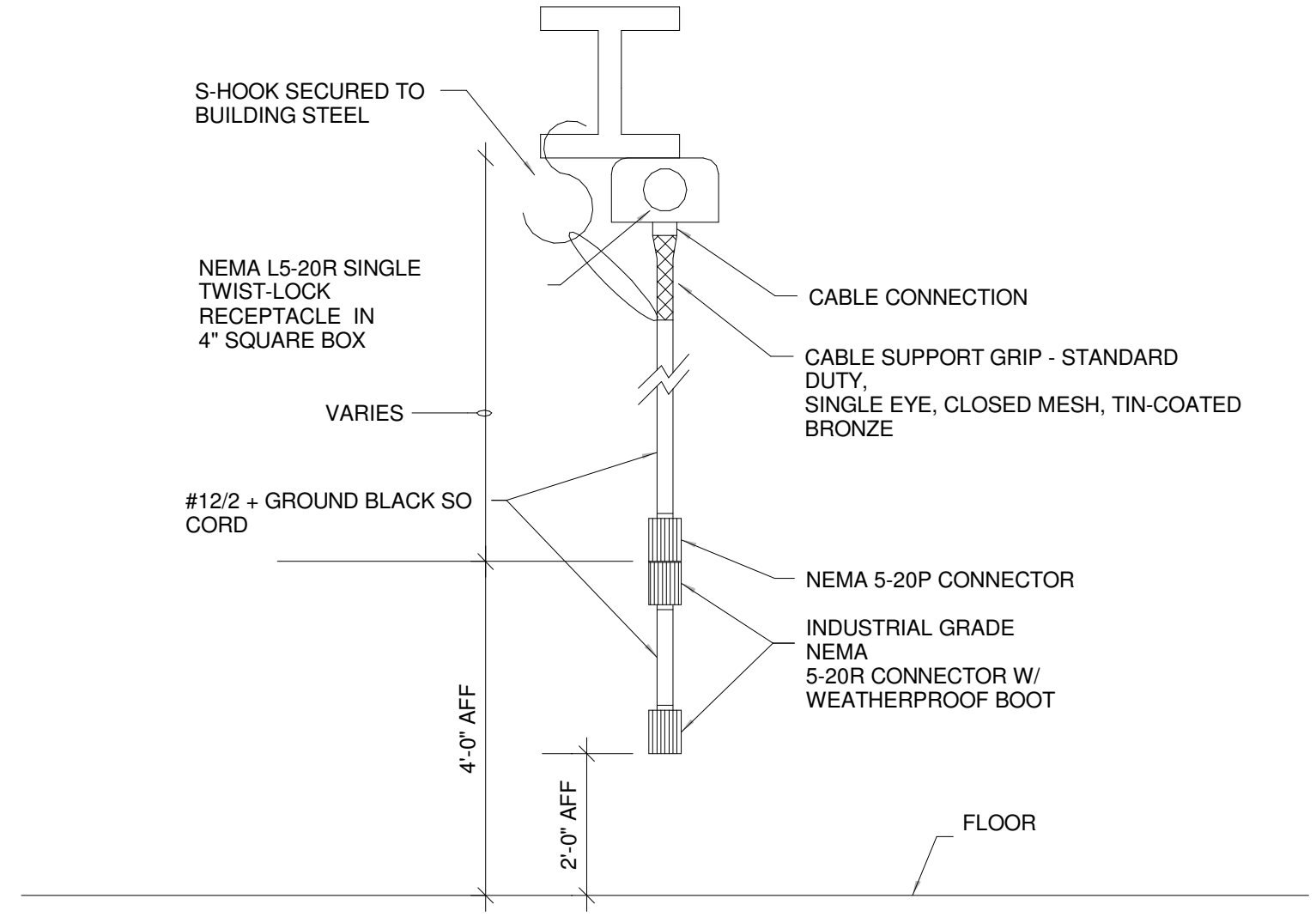
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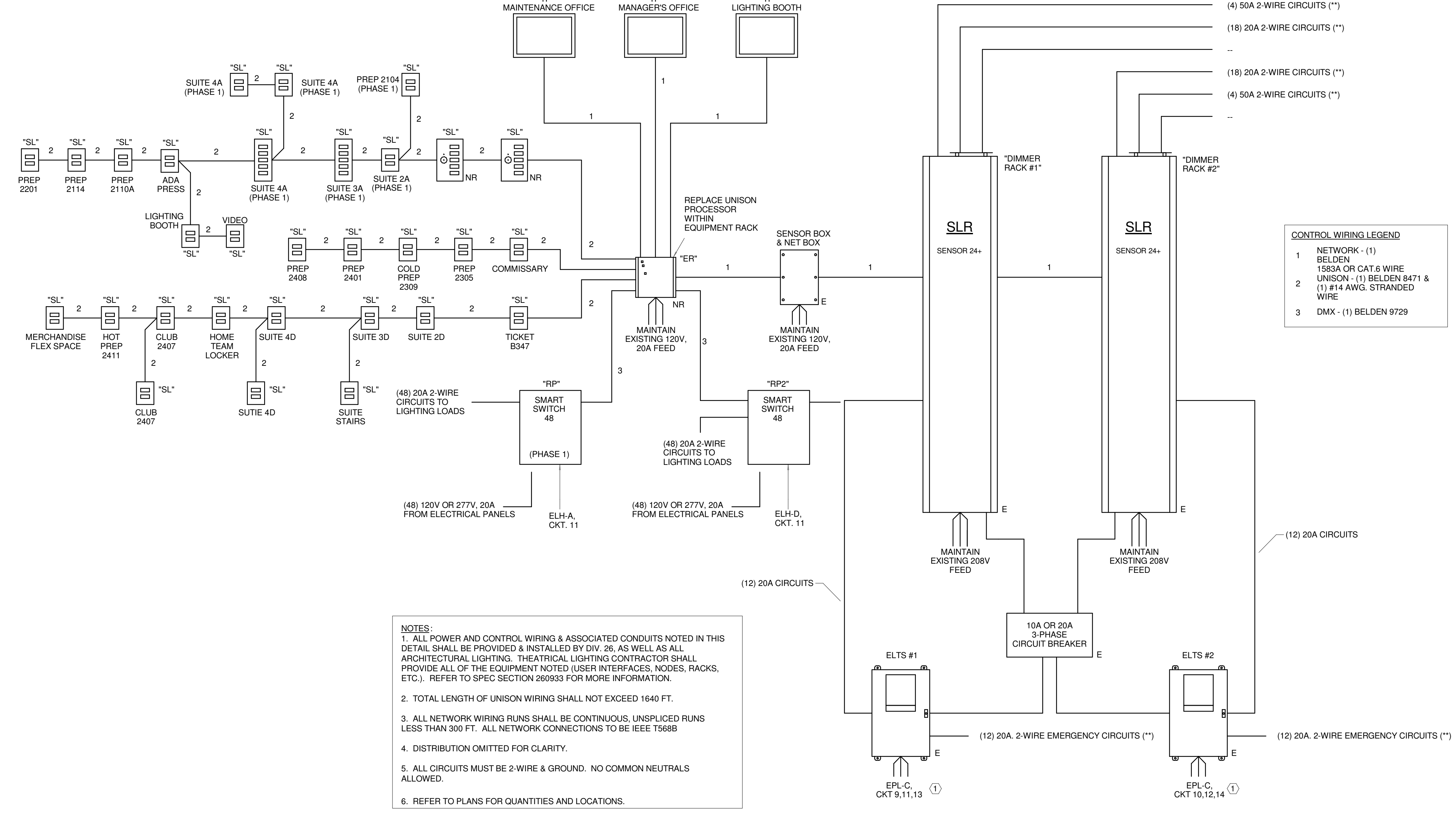
J1 ACCESS CONTROL RISER DIAGRAM NOT TO SCALE



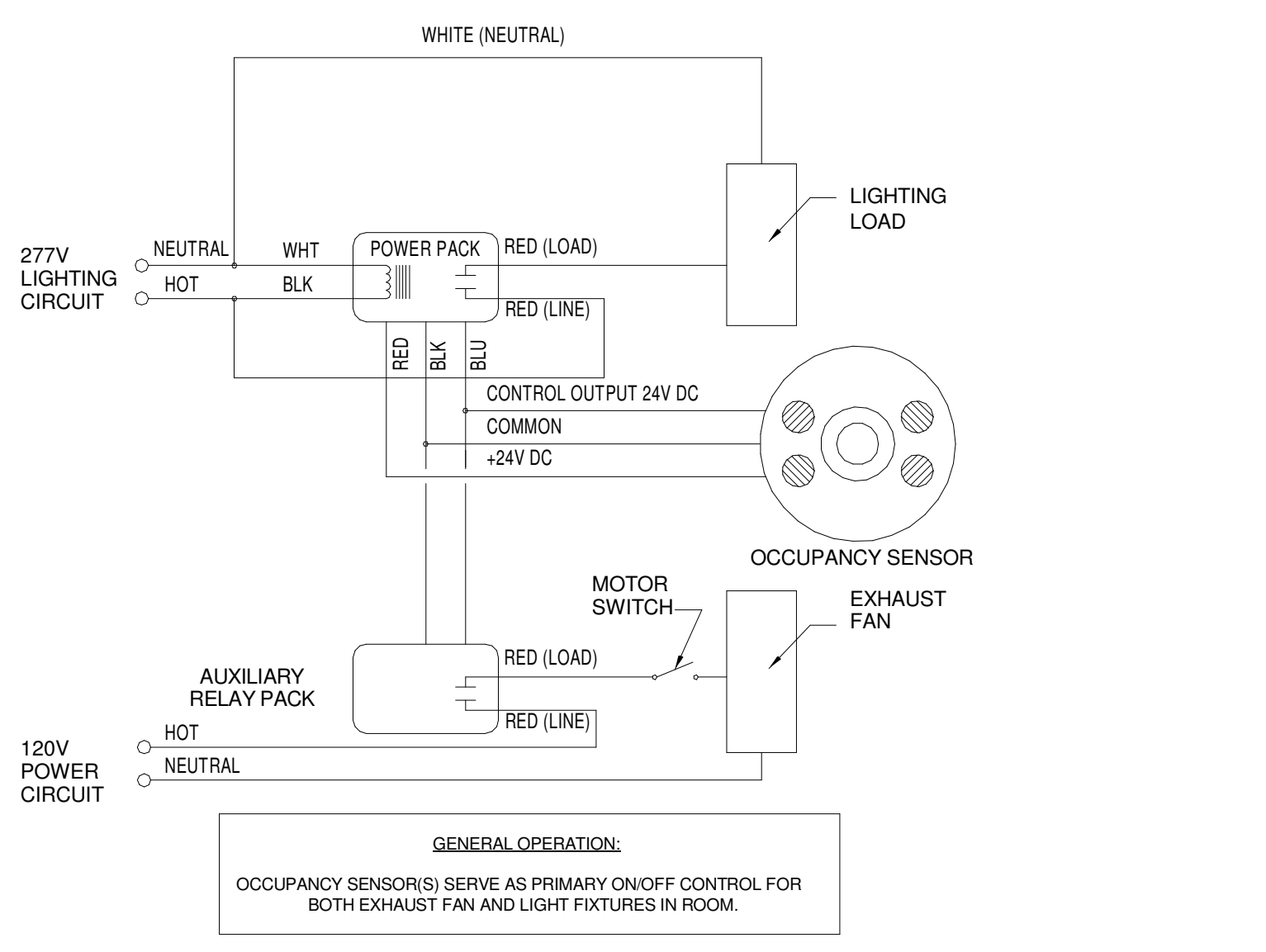
J7 TELECOMMUNICATIONS RISER DIAGRAM NOT TO SCALE



E1 OVERHEAD ELECTRICAL DROPS NOT TO SCALE



A7 ARCHITECTURAL/PRODUCTION LIGHTING CONTROL SYSTEM DIAGRAM NOT TO SCALE

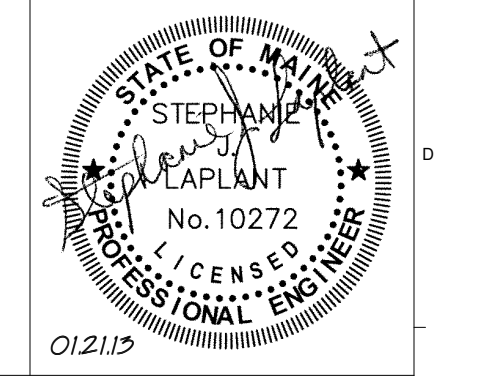


A1 OCCUPANCY SENSOR AND EXHAUST FAN WIRING DIAGRAM NOT TO SCALE

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0	REV ENTRY CONSTRUCTION DOCS	10-31-2012

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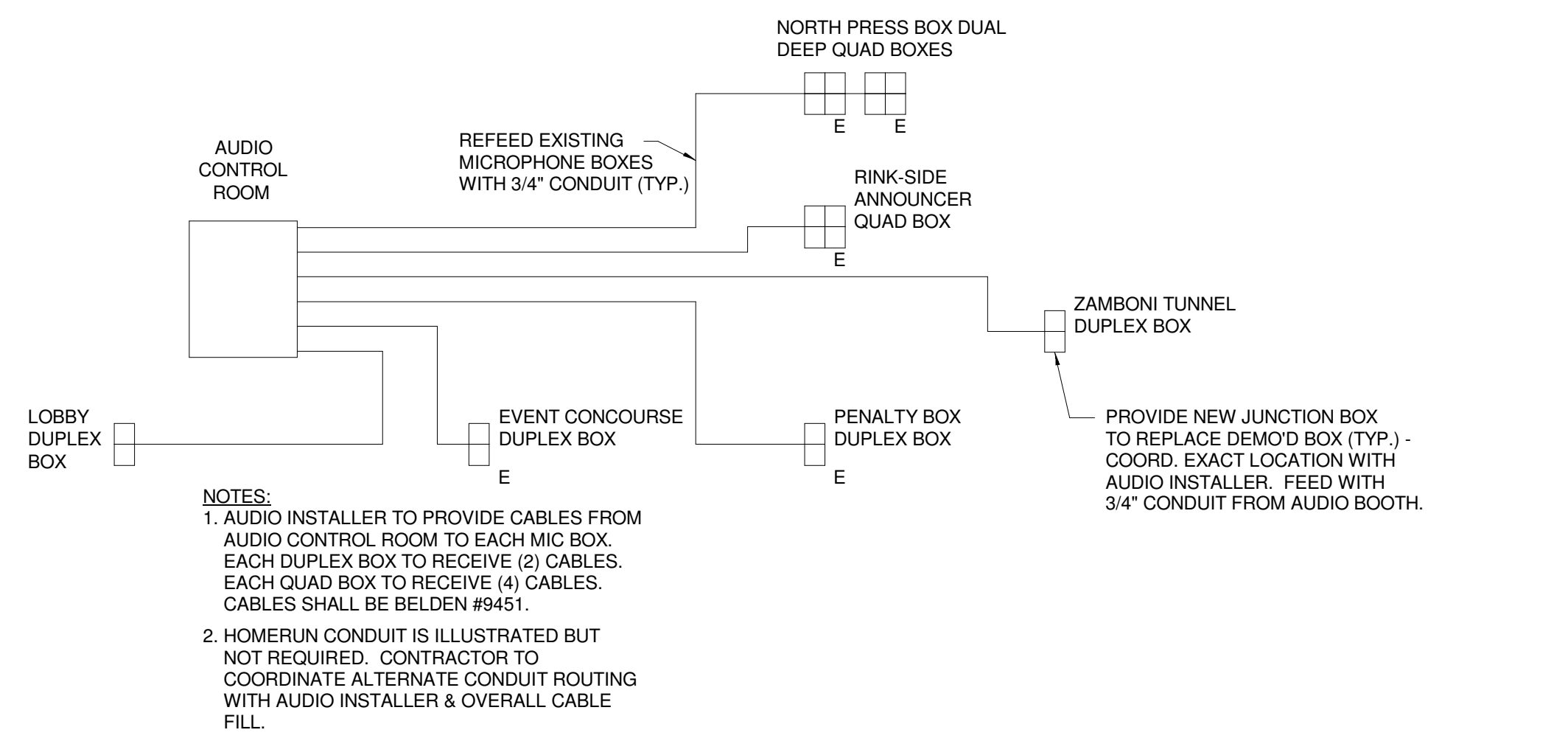
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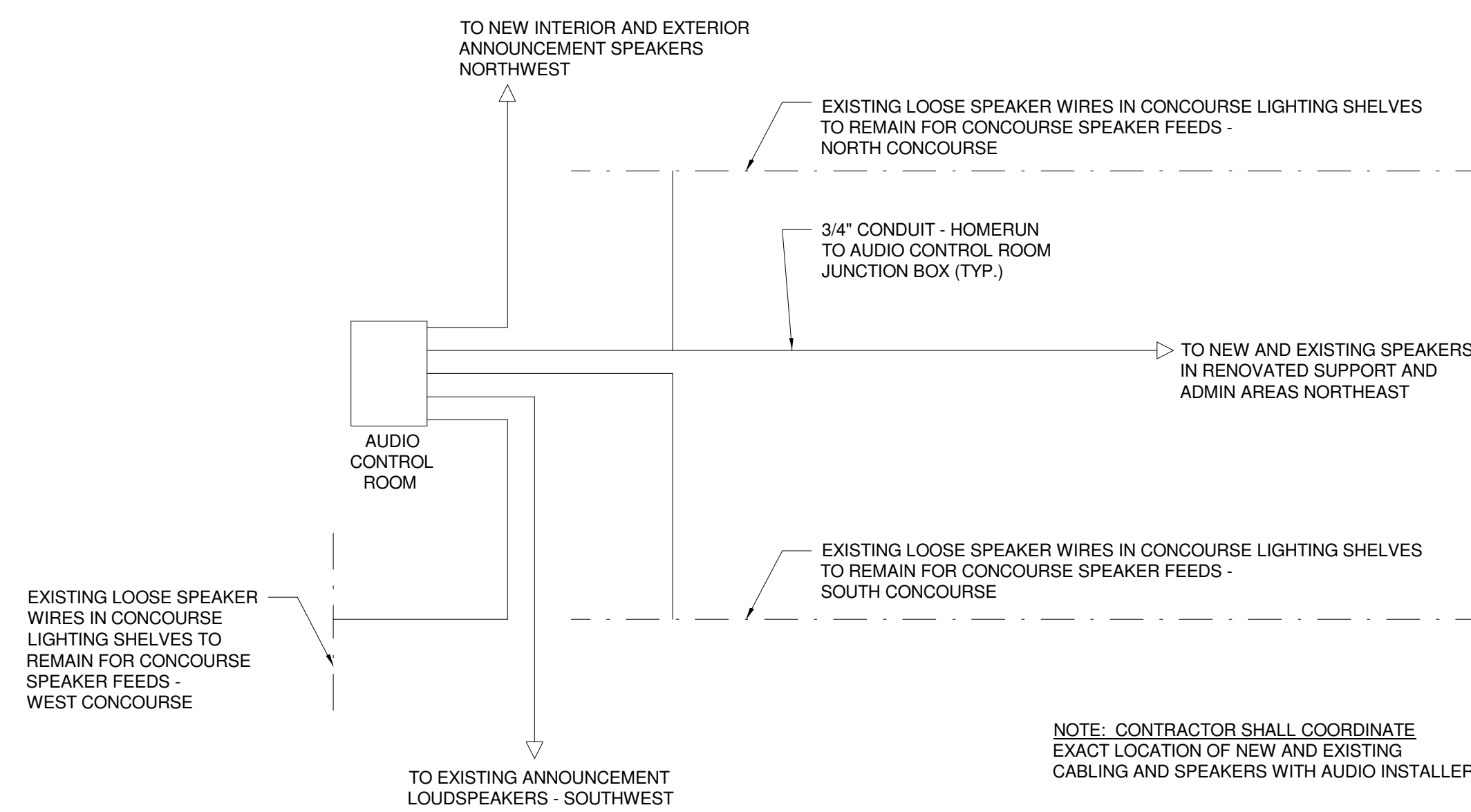
PROJECT: PORTLAND, ME
ELECTRICAL DETAILS

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CHECKED BY	SL
SHEET No.	E5.03

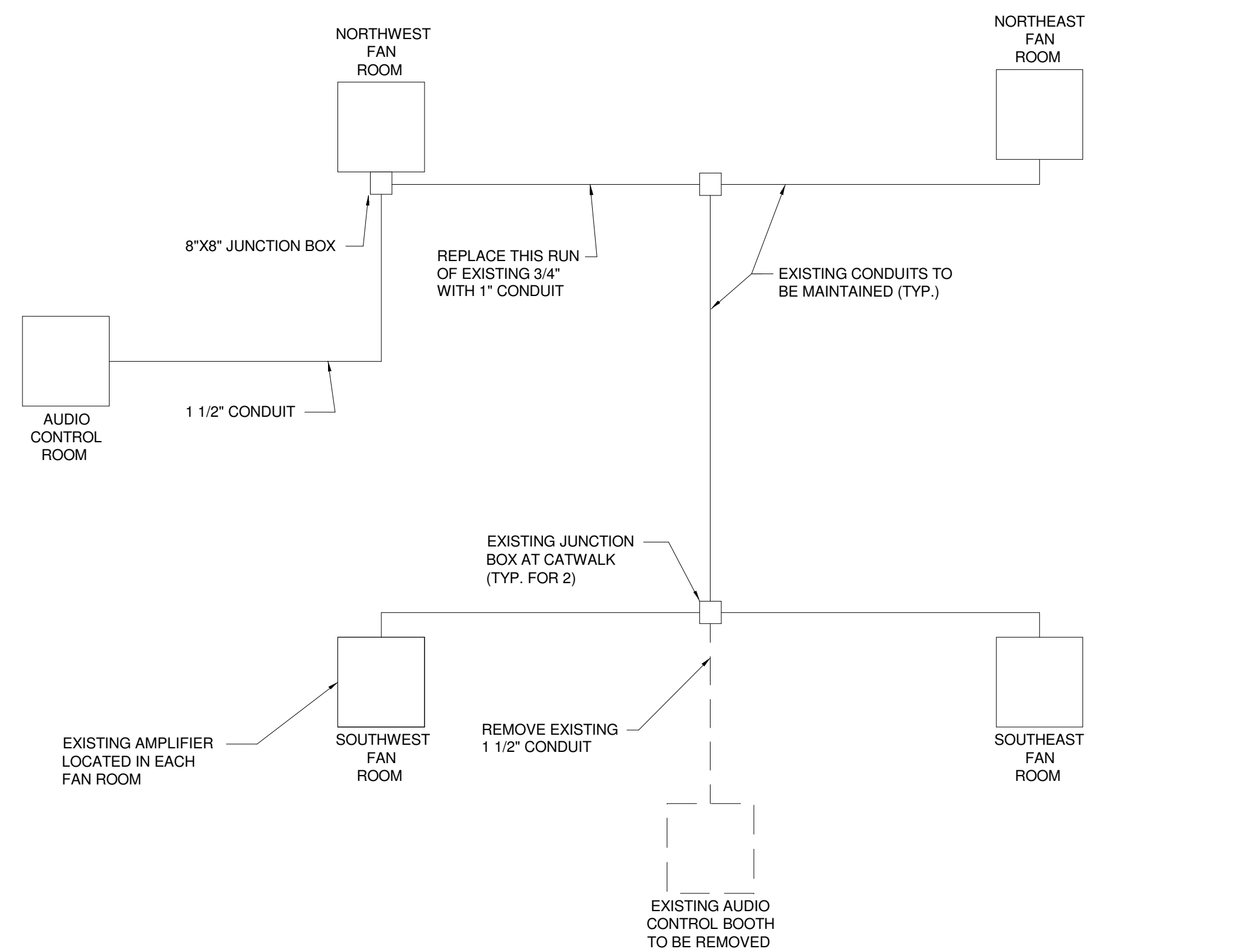
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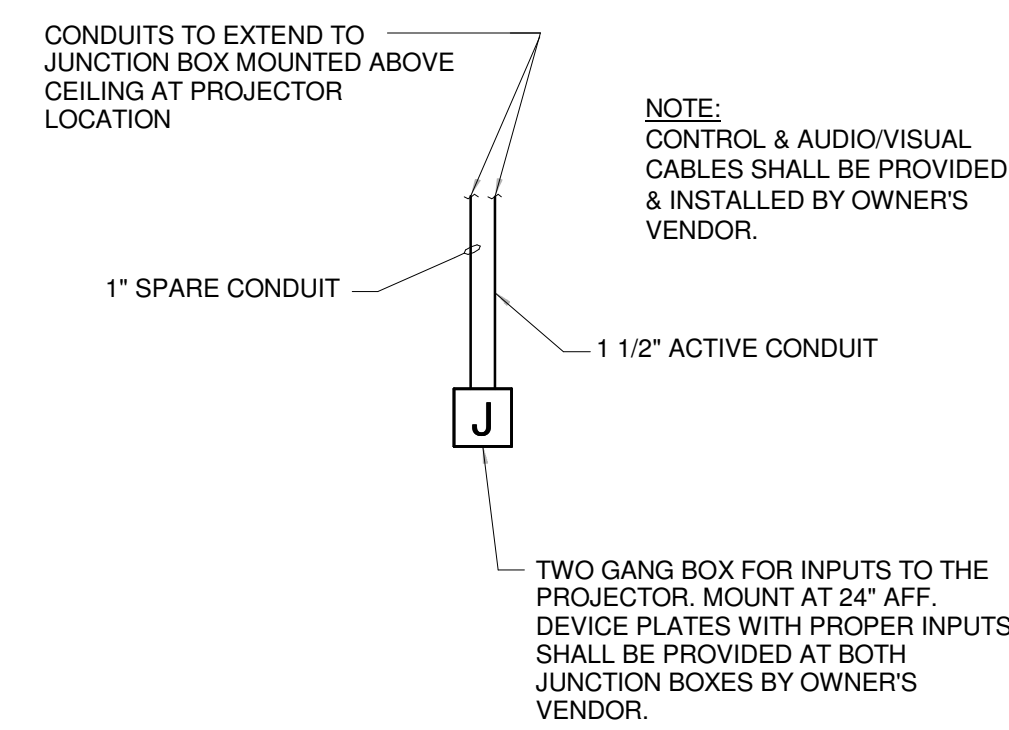
M1 MICROPHONE CONDUIT DIAGRAM
NOT TO SCALE



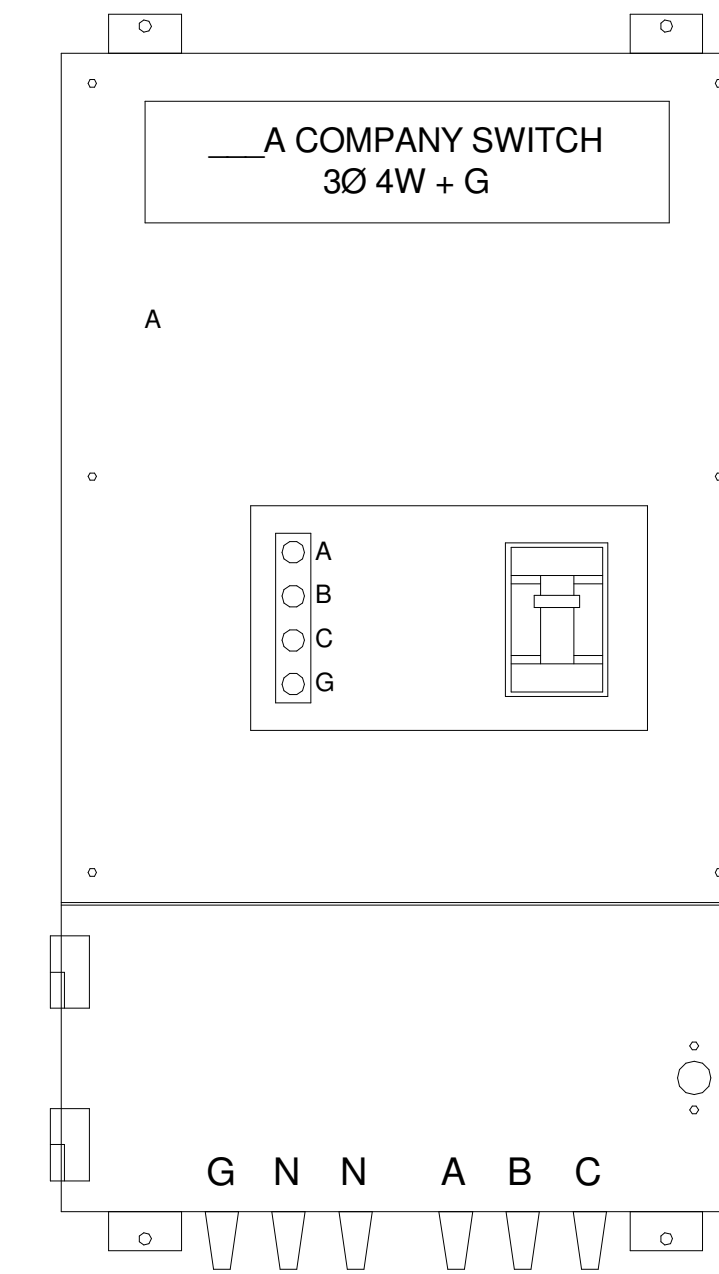
G1 70V DIST. SPEAKER CONDUIT DIAGRAM
NOT TO SCALE



A1 AMPLIFIER FEED CONDUIT DIAGRAM
NOT TO SCALE



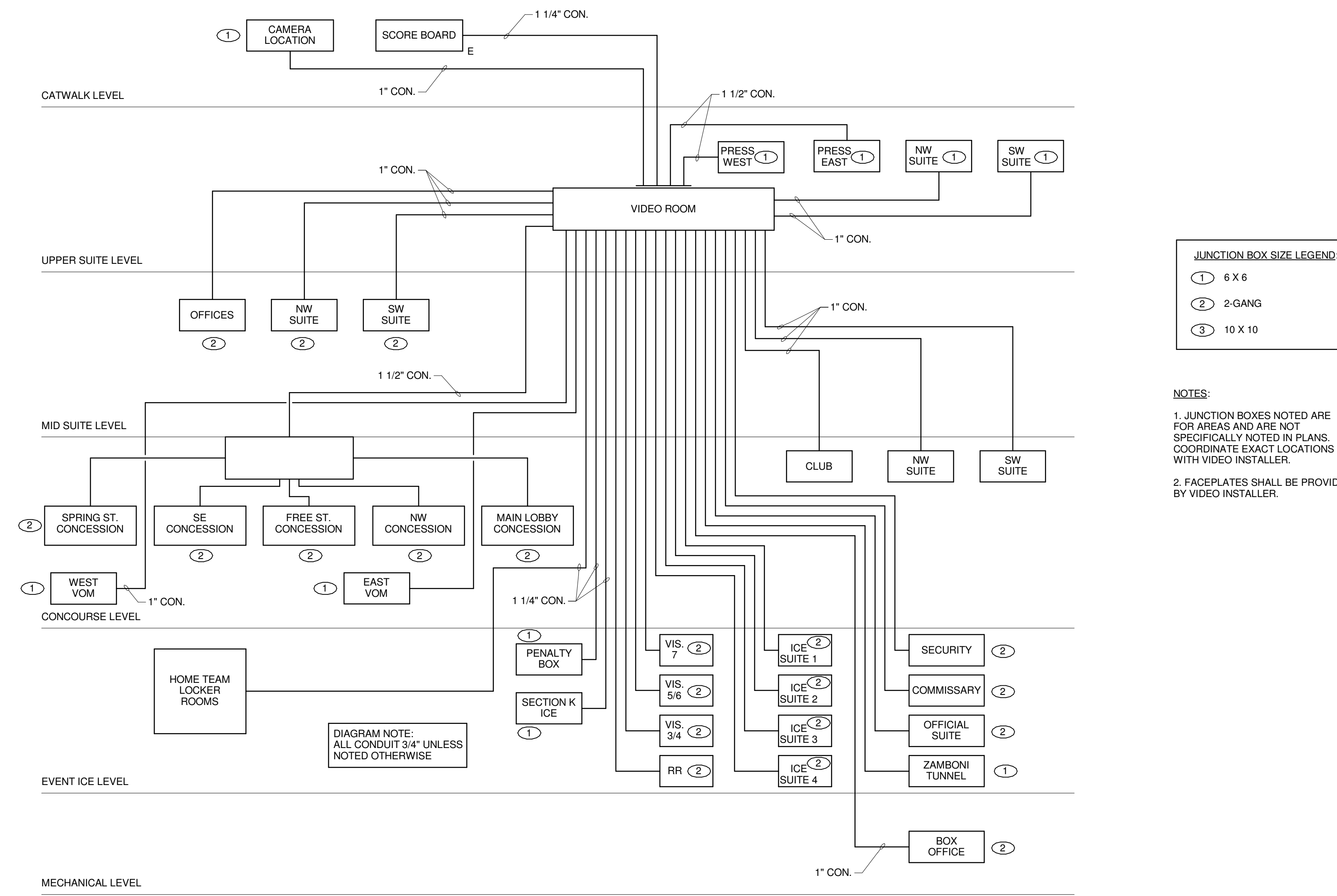
J9 PROJECTOR CONNECTION DETAIL
NOT TO SCALE



MAIN BREAKER	AMPS AS NOTED, 3-POLE, 65 KAIC @ 240V
PHASE TERMINALS	TBD BASED ON AMPACITY
NEUTRAL TERMINAL	#4 - 600 MCM
GROUND TERMINAL	#14 - 2/0
ISOLATED GROUND	NO
OUTLETS	(6) E1016 CAMLOCKS
DUAL NEUTRAL	YES
REVERSE NEUT./GND	YES, CONFIRM WITH ARENA OPERATOR
QUANTITY	NORTH SIDE: (2) 400A, (1) 200A, (2) 100A SOUTH SIDE: (2) 400A, (1) 200A, (2) 100A

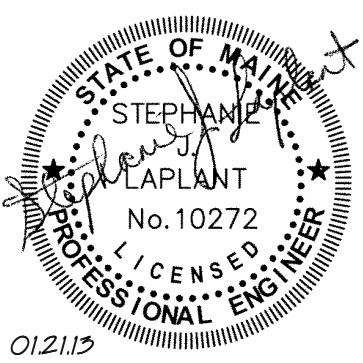
- COMPANY SWITCH SPECIFICATIONS:**
- ENCLOSURE SHALL BE NEMA 1, 14 GAUGE STEEL, MANUFACTURER'S STANDARD FINISH.
 - ENCLOSURE SHALL BE SURFACE MOUNTED WITH MOUNTING HOLES, 16" ON CENTER.
 - A WARNING LABEL INDICATING PROPER SEQUENCE FOR CABLE CONNECTION SHALL BE RIVETED TO THE ENCLOSURE.
 - SERVICE ENTRANCE SHALL BE THROUGH CONDUIT TO TERMINALS ON THE MAIN BREAKER, NEUTRAL BUS AND GROUND.
 - MAIN BREAKER SHALL BE A 3-POLE MOLDED CASE TYPE, SIZE AS NOTED ABOVE. BREAKER SHALL CONTAIN A SHUNT TRIP MECHANISM CONTROLLED BY THE CAMLOCK SYSTEM.
 - THE CAMLOCK SYSTEM SHALL TRIP THE MAIN BREAKER UNLESS ALL RECEPTACLES HAVE A PLUG INSERTED IN THEM.
 - RECEPTACLES SHALL BE MOUNTED ON THE BOTTOM OF THE ENCLOSURE, AND COLOR CODED. RECEPTACLES SHALL ACCEPT STANDARD E1016 TYPE PLUGS.
 - ONE SIX WIRE SET OF COLOR CODED SERIES 16 DUMMY PLUGS SHALL BE MECHANICALLY FASTENED TO THE ENCLOSURE.
 - ALL CONNECTIONS FROM MAIN BREAKER TO BUS AND RECEPTACLES SHALL BE COPPER CONDUCTORS.
 - PROVIDE CUSTOM LUG CONNECTION ON SECONDARY SIDE OF BREAKER FOR DIRECT CABLE CONNECTION.
 - INDICATOR LIGHTS SHALL BE PROVIDED TO INDICATE VOLTAGE PRESENT ON EACH PHASE RECEPTACLE.
 - THE RECEPTACLE PANEL SHALL CONTAIN SLOTS BETWEEN RECEPTACLES TO ELIMINATE HISTORICIS, AS REQUIRED BY NEC ARTICLE 300.20(b).
 - SHUNT TRIP SIGNAL FROM FIRE ALARM PANEL TO COMPANY SWITCHES SHALL BE UL LISTED.
 - SHUNT TRIP SIGNAL FROM FIRE ALARM PANEL TO COMPANY SWITCHES SHALL BE ACHIEVED AT THE RESPECTIVE DISTRIBUTION PANEL. SHUNT TRIP AT EACH COMPANY SWITCH MAIN BREAKER SHALL BE FOR PROTECTION OF PERSONNEL ONLY.

J13 COMPANY SWITCH DETAIL
NOT TO SCALE



A9 VIDEO SYSTEM BLOCK DIAGRAM
NOT TO SCALE

0 CONSTRUCTION DOCUMENTS 01-21-2013
REV. DESCRIPTION DATE
CONSTRUCTION DOCUMENTS
01-21-2013
CURRENT ISSUE STATUS:



WBRC
ARCHITECTS • ENGINEERS
WWW.WBRCAL.COM
BANGOR, MAINE 04747-4511
PORTLAND, MAINE 04103-4511
SUWANEE, FLORIDA 34155-0757

CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
ELECTRICAL DETAILS

SHEET TITLE
WBRC CAD FILE: C:\Users\mhar\Documents\375700 - CCCC Electrical_1.mhar.rvt
PROJECT No. 375700 GRAPHIC SCALE 1" = 1'-0"
SCALE 1/4" = 1'-0"
PROJECT MANAGER: JRB SHEET No.
DRAWN BY: KRM
CHECKED BY: SJL
E5.04

1/21/2013 2:49:25 PM
C:\Users\mhar\Documents\375700 - CCCC Electrical_1.mhar.rvt

NEW PANEL			LHC-A											
VOLTAGE: 277/480V			PHASES: 3			WIRE: 4				TYPE:			LOCATION: ELEC 3114	
600A MCB			FED FROM: PANEL CPL-A										MOUNTING: SURFACE	
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
AIR HANDLING UNIT AHU-5	2.9	3P20		1	A	2				SPARE				
	2.9		3	B	4			3P20						
	2.9		5	C	6									
EXHAUST FAN EF-1	0.4	3P15		7	A	8			0.4	EXHAUST FAN EF-2				
	0.4		9	B	10			0.4						
	0.4		11	C	12			0.4						
			13	A	14									
SPACE		---		15	B	16				SPACE				
			17	C	18									
			19	A	20									
SPACE		---		21	B	22				SPACE				
			23	C	24									
			25	A	26									
SPACE		---		27	B	28				SPACE				
			29	C	30									
			31	A	32									
PANEL GPL-A	17.4	3P225		33	B	34				SPACE				
	17.4		35	C	36									
	17.4		37	A	38									
PANEL PLC-A VIA XFMR DT-2A	0.0	3P150		39	B	40			25.1	PANEL CPL-A VIA XFMR DT-1A				
	0.0			41	C	42			25.1					
	0.0										25.1			

NEW PANEL			CPLC-A											
VOLTAGE: 120/208V			PHASES: 3			WIRE: 4				TYPE:			LOCATION: PREP 2104	
400A MCB			FED FROM: PANEL LHC-A VIA XFMR										MOUNTING: FLUSH	
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
REACH-IN FREEZER (351)	1.4	1P20		1	A	2	SHUNT	1P20	1.4	UNDER-COUNTER FREEZER (378)				
REC - DESK (352)	0.2	1P20		3	B	4		1P20	1.8	SODA SYSTEM (354)				
REFRIGERATOR (379)	1.2	1P20		5	C	6		1P20	0.4	REC - BACK COUNTER				
REFRIGERATED PREP TABLE (368)	1.0	1P20		7	A	8		1P20	1.7	SANDWICH SLIDE (382) #1				
WORK TOP FREEZER (369)	1.4	1P20	SHUNT	9	B	10		1P20	0.8	REC - GRILL PREP				
SPARE		1P20		11	C	12		1P20	1.2	REFRIGERATOR (379)				
HOOD ANSUL SYSTEM		1P20		13	A	14		1P20	1.9	HEATED DRAWERS #1 & 2 (396)				
FRYER BATTERY #1 (374)	1.4	1P20	SHUNT	15	B	16		1P20		POINT OF SALE EQUIP. #1 & 2 (397)				
REFRIGERATED BASE (376)	1.0	1P20	SHUNT	17	C	18		1P20	1.7	SANDWICH SLIDE #2 (382)				
FRYER BATTERY #2 (374)	1.4	1P20	SHUNT	19	A	20		1P20	1.9	HEATED DRAWERS #3 & 4 (396)				
SODA DISPENSER #1 (394)	1.8	1P20		21	B	22		1P20	1.8	SODA DISPENSER #2 (394)				
POINT OF SALE EQUIP. #3 AND 4 (397)		1P20		23	C	24		1P20		SPARE				
SPARE		1P20		25	A	26		1P20		SPARE				
SPARE		1P20		27	B	28		1P20		SPARE				
SPARE		1P20		29	C	30		1P20		SPARE				
SPARE		1P20		31	A	32		1P20		SPARE				
SPARE		1P20		33	B	34		1P20		SPARE				
SPARE		1P20		35	C	36		1P20		SPARE				
	2.8	3P70		37	A	38			13.9	PANEL CPLC-A2				
	2.8			39	B	40			13.9					
	2.8			41	C	42			13.9					

NEW PANEL			ELH-A										LIFE SAFETY	
VOLTAGE: 277/480V			PHASES: 3			WIRE: 4				TYPE:			LOCATION: ELEC 3114	
100A MCB			FED FROM: PANEL ELH-D										MOUNTING: SURFACE	
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
LTG-CONCOURSE LEVEL-MENS, WOMENS	0.6	1P20		1	A	2		1P20		LTG-MID SUITE LEVEL-ELEC, IT, LOBBY				
SMOKE EXHAUST FAN SEF-3	0.9	3P20		3	B	4		1P20	0.1	LTG-CONCESSION LOBBY				
	0.9		5	C	6		1P20		LTG-WEST TICKET LOBBY					
	0.9		7	A	8		1P20		LTG- EXTERIOR BUILDING MOUNTED					
LTG-UPPER SUITE LEVEL - LOBBY, LOUNGE, LIGHTING CONTROL PANEL	1.0	1P20		9	B	10		1P20	1.6	LTG- NORTHWEST ENTRY LOBBY				
SMOKE EXHAUST FAN SEF-3	3.9	3P25		11	C	12		1P20	0.4	LTG- NORTHWEST CANOPY				
	3.9			13	A	14		1P20		SPARE				
	3.9			15	B	16		1P20		SPARE				
SPARE		1P20		17	C	18		1P20		SPARE				
SPARE		1P20		19	A	20		1P20		SPARE				
SPARE		1P20		21	B	22		1P20		SPARE				
SPARE		1P20		23	C	24		1P20		SPARE				
SPARE		1P20		25	A	26								
SPARE		1P20		27	B	28				SPACE				
SPARE		1P20		29	C	30								
SPACE		---		31	A	32				SPACE				
			33	B	34									
			35	C	36									
SPACE		---		37	A	38				SPACE				
			39	B	40									
			41	C	42									

NEW PANEL			GPLN-A											
VOLTAGE: 120/208V			PHASES: 3			WIRE: 4				TYPE:			LOCATION: ELEC 3114	
150A MCB			FED FROM: PANEL GPL-A VIA XFMR DT-3A										MOUNTING: SURFACE	
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
CONCOURSE HANDS-FREE DEVICES	0.5	1P20		1	A	2		1P20	1.4	REC-JAN, MENS, WOMENS, CONCOURSE				
HAND DRYERS-WOMENS 2106	1.5	1P20		3	B	4		2P20	1.5	ACCU-1 / EVU-1				
HAND DRYERS-WOMENS 2106	1.5	1P20		5	C	6		1P20	0.2	ELEVATOR PIT LIGHT & REC				
HAND DRYERS-WOMENS 2106	1.5	1P20		7	A	8		1P20	0.1	LTG-CONCESSIONS COUNTER				
HAND DRYERS-WOMENS 2106	1.5	1P20		9	B	10		1P20	0.2	LTG-SUITE SCONCES				
HAND DRYERS-WOMENS 2106	1.5	1P20		11	C	12		1P20	1.0	ELEVATOR SLUMP PUMP				
HAND DRYERS-MENS 2102	1.5	1P20		13	A	14		1P20	0.2	ELECTRONIC TRAP PRIMERS				
HAND DRYERS-MENS 2102	1.5	1P20		15	B	16		1P20	1.2	REC-EXT. RR COPY/KITCHENETTE				
HAND DRYERS-MENS 2102	1.5	1P20		17	C	18		1P20	1.6	REC-OFFICE 3104 TO 3108				
HAND DRYERS-MENS 2102	1.5	1P20		19	A	20		1P20	1.6	REC-OFFICE 3104 TO 3110				
MS + US LEVEL HANDS FREE DEVICES	0.2	1P20		21	B	22		1P20	1.6	REC-OFFICE 3109 TO 3113				
DOOR HARDWARE POWER	0.5	1P20		23	C	24		1P20	1.6	REC-OFFICE 3111, 3113 + CORR				
REC-ELEC 114, IT 3115, LOBBY, VEST	0.8	1P20		25	A	26		1P20	1.4	REC-ML SUITE, PANTRY				
REC-IT 3115	0.4	1P20		27	B	28		1P20	0.2	REC-MID LEVEL SUITE TV				
REC-IT 3115	0.4	1P20		29	C	30		1P20	0.4	REC-RECT/ WAITING 3103				
REC-UPPER SUITE, PANTRY, CORR	1.6	1P20		31	A	32		1P20	0.2	REC-RECT/ WAITING 3103				
REC-UPPER SUITE RR	0.4	1P20		33	B	34		1P20	0.2	SPARE				
REC-UPPER SUITE TV	0.2	1P20		35	C	36		1P20						
REC-UPPER CORR STORAGE	0.8	1P20		37	A	38				2.8				
HVAC CONTROL PANEL	1.0	1P20		39	B	40		3P50	2.8	PANEL GPLN-D				
REC-COPIER, MID SUITES LEVEL	1.0	1P20		41	C	42			2.8					

TAG	KVA	PHASE	RATED TEMP. RISE	PRIMARY VOLTAGE	PRIMARY FEEDER (COPPER) DESIGNATION	# WIRES/SIZE	CONDUIT	SECONDARY VOLTAGE	NOTES
DT-1A	112.5	3	150	480V	F-DT1A	3 3/0 1 6	2"	208/120V	
DT-2A	75	3	150	480V	F-DT2A	3 1/0 1 6	1 1/2"	208/120V	
DT-3A	45	3	150	480V	F-DT3A	3 1 2 1 8	1 1/4"	208/120V	WALL MOUNT

1 FEEDERS SIZED FOR COPPER CONDUCTORS. ALUMINUM CONDUCTORS MAY BE UTILIZED + MUST BE SIZED APPROPRIATELY.

PANELBOARD DESCRIPTION			MAINS				SUPPLY FEEDERS					SUB FEED LUGS	NOTES	
TAG	DESCRIPTION	MOUNTING	FEED	AMPS	ENTRY	PHASE	WIRE	VOLTS	DESIGNATION	# WIRES	SIZE (COPPER) 1			CONDUIT
LHC-A	DISTRIBUTION PANEL	SURF	TOP	600	MCB	3	4	277/480	F-LHCA	12 3	4/0	(3) 4"	NO	
GPL-A	POWER + LIGHTING PANEL	SURF	TOP	225	MCB	3	4	277/480	F-GPLA	4 1	4/0	2 1/2"	NO	
GPLN-A	POWER + LIGHTING PANEL	SURF	TOP	150	MCB	3	4	120/208	F-GPLNA	4 1	1/0 6	2"	NO	
PLC-A	POWER + LIGHTING PANEL	SURF	TOP	225	MCB	3	4	120/208	F-PLCA	4 1	4/0 4	2 1/2"	NO	
CPLC-A	POWER + APPLIANCE PANEL	FLUSH	TOP	400	MCB	3	4	120/208	F-CPLCA	4 1	500 3	4"	NO	
ELHA	POWER & APPLIANCE PANEL	SURF	TOP	100	MCB	3	4	277/480	F-ELHA	4 1	1 8	2 1/2"	NO	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 FEEDERS SIZED FOR COPPER CONDUCTORS. ALUMINUM CONDUCTORS MAY BE UTILIZED + MUST BE SIZED APPROPRIATELY.

NEW PANEL			PLC-A											
VOLTAGE: 120/208V			PHASES: 3			WIRE: 4				TYPE:			LOCATION: ELEC 3114	
225A MCB			FED FROM: PANEL LHC-A VIA XFMR										MOUNTING: SURFACE	
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
EXISTING RELOCATED CIRCUITS		1P20		1	A	2		2P20		SPARE				
EXISTING RELOCATED CIRCUITS		2P20		3	B	4		2P20		SPARE				
EXISTING RELOCATED CIRCUITS		2P20		5	C	6		2P20		SPARE				
EXISTING RELOCATED CIRCUITS		2P20		7	A	8		2P20		SPARE				
EXISTING RELOCATED CIRCUITS		2P20		9	B	10		2P20		SPARE				
EXISTING RELOCATED CIRCUITS		2P20		11	C	12		2P20		SPARE				
EXISTING RELOCATED CIRCUITS		1P20		13	A	14		2P20		SPARE				
EXISTING RELOCATED CIRCUITS		1P20		15	B	16		2P20		SPARE				
EXISTING RELOCATED CIRCUITS		1P20		17	C	18		2P20		SPARE				
EXISTING RELOCATED CIRCUITS		1P20		19	A	20				SPARE				
EXISTING RELOCATED CIRCUITS		1P20		21	B	22		1P20		SPARE				
EXISTING RELOCATED CIRCUITS		1P20		23	C	24		1P20		SPARE				
EXISTING RELOCATED CIRCUITS		1P20		25	A	26		1P20		SPARE				
EXISTING RELOCATED CIRCUITS		1P20		27	B	28		1P20		SPARE				
SPARE		1P20		29	C	30		1P20		SPARE				
SPARE		1P20		31	A	32		1P20		SPARE				
SPARE		1P20		33	B	34		1P20		SPARE				
SPACE		---		35	C	36		---		SPACE				
SPACE		---		37	A	38		---		SPACE				
SPACE		---		39	B	40		---		SPACE				
SPACE		---		41	C	42		---		SPACE				

NEW PANEL			GPL-A											
VOLTAGE: 277/480			PHASES: 3			WIRE: 4				TYPE:			LOCATION: ELEC 3114	
225A MCB			FED FROM: PANEL LHC-A										MOUNTING: SURFACE	
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
LTG-CL-MENS, WOMENS, STOR.	0.6	1P20		1	A	2		1P20	0.4	LTG-GRILL, PREP				
LTG-MSL-OFFICES, LOBBY	2.2	1P20		3	B	4		1P20	0.4	LTG-MSL-SUITE, ENTRY LOBBY				
LTG - CL - CONCESSION 2110, 2202	0.5	1P20		5	C	6		1P20		LTG-WEST CONCOURSE PENDANTS				

PHASE 1 PANEL		CPLC-A									LOCATION: PREF 2104	
VOLTAGE: 120/208V		PHASES: 3			WIRE: 4			TYPE:			MOUNTING: FLUSH	
100A MCB		FED FROM: PANEL LHC-A VIA XFMR										
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE		
REACH-IN FREEZER (351)	1.4	1P20		1	A	2	SHUNT	1P20	1.4	UNDER-COUNTER FREEZER (378)		
REC - DESK (352)	0.2	1P20		3	B	4		1P20	1.8	SODA SYSTEM (354)		
REFRIGERATOR (379)	1.2	1P20		5	C	6		1P20	0.4	REC - BACK COUNTER		
REFRIGERATED PREP TABLE (368)	1.0	1P20		7	A	8		1P20	1.7	SANDWICH SLIDE (382) #1		
WORK TOP FREEZER (369)	1.4	1P20	SHUNT	9	B	10		1P20	0.8	REC - GRILL PREP		
SPARE		1P20		11	C	12		1P20	1.2	REFRIGERATOR (379)		
HOOD ANSUL SYSTEM		1P20		13	A	14		1P20	1.9	HEATED DRAWERS #1 & 2 (396)		
FRYER BATTERY #1 (374)	1.4	1P20	SHUNT	15	B	16		1P20		POINT OF SALE EQUIP. #1 & 2 (397)		
REFRIGERATED BASE (376)	1.0	1P20	SHUNT	17	C	18		1P20	1.7	SANDWICH SLIDE #2 (382)		
FRYER BATTERY #2 (374)	1.4	1P20	SHUNT	19	A	20		1P20	1.9	HEATED DRAWERS #3 & 4 (396)		
SODA DISPENSER #1 (394)	1.8	1P20		21	B	22		1P20	1.8	SODA DISPENSER #2 (394)		
POINT OF SALE EQUIP. #3 AND 4 (397)		1P20		23	C	24		1P20		SPARE		
SPARE		1P20		25	A	26		1P20		SPARE		
SPARE		1P20		27	B	28		1P20		SPARE		
SPARE		1P20		29	C	30		1P20		SPARE		
SPARE		1P20		31	A	32		1P20		SPARE		
SPARE		1P20		33	B	34		1P20		SPARE		
SPARE		1P20		35	C	36		1P20		SPARE		
				37	A	38			15.0			
				39	B	40			15.0			
				41	C	42			15.0			
PANEL CPLC-A1	3.7									PANEL CPLC-A2		
	3.7											
	3.7											

PHASE 1 PANEL		ELH-A									LIFE SAFETY	
VOLTAGE: 277/480V		PHASES: 3			WIRE: 4			TYPE:			LOCATION: ELEC 3114	
100A MCB		FED FROM: PANEL ELH-D									MOUNTING: SURFACE	
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE		
LTG-CONCOURSE LEVEL-MENS, WOMENS	0.6	1P20		1	A	2		1P20		LTG-MID SUITE LEVEL-ELEC. IT, LOBBY		
	0.9			3	B	4		1P20	0.1	LTG-CONCESSION LOBBY		
SMOKE EXHAUST FAN SEF-3	0.9	3P20		5	C	6	12	1P20	0.5	LTG. - NORTH CONC. CONCESSION, RR		
	0.9			7	A	8		1P20		LTG- EXTERIOR BUILDING MOUNTED		
LTG-UPPER SUITE LEVEL - LOBBY, LOUNGE	0.3	1P20		9	B	10		1P20	1.6	LTG- NORTHWEST ENTRY LOBBY		
LIGHTING CONTROL PANEL	1.0	1P20		11	C	12		1P20	0.4	LTG- NORTHWEST CANOPY		
LTG. - NORTH BUILDING MOUNTED	0.1	1P20	12	13	A	14	12	1P20	1.1	LTG. - WEST CONCOURSE PENDANTS		
SPARE		1P20		15	B	16	12	1P20	0.9	LTG. - WEST TICKET LOBBY		
SPARE		1P20		17	C	18	12	1P20	2.4	LTG. - NORTH CONCOURSE PENDANTS		
SPARE		1P20		19	A	20		1P20		SPARE		
SPARE		1P20		21	B	22		1P20		SPARE		
SPARE		1P20		23	C	24		1P20		SPARE		
SPARE		1P20		25	A	26			3.9			
SPARE		1P20		27	B	28		7	3P25	3.9	SMOKE EXHAUST FAN SEF-6	
SPARE		1P20		29	C	30			3.9			
				31	A	32			3.9			
				33	B	34		7	3P25	3.9	SMOKE EXHAUST FAN SEF-5	
				35	C	36			3.9			
				37	A	38						
				39	B	40						
				41	C	42						
SPACE										SPACE		

SINK COMBS DETHLEFS

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303.398.0200
FAC 303.0222

PANELBOARD NOTES:

- EXISTING CIRCUIT BREAKER AND LOAD TO REMAIN.
- EXISTING LOAD EXTENDED TO NEW PANELBOARD.
- NEW CIRCUIT BREAKER AND LOAD TO REPLACE EXISTING LOAD AND CIRCUIT BREAKER.
- NEW LOAD AND CIRCUIT BREAKER APPLIED TO EXISTING PANELBOARD SPACE.
- EXISTING LOAD REMOVED DURING CONSTRUCTION.
- NEW LOAD APPLIED TO EXISTING CIRCUIT BREAKER.
- NEW BREAKER AND LOAD APPLIED TO PHASE 1 PANELBOARD SPACE.
- EXTEND POWER FROM EXISTING BREAKER TO EXISTING RELOCATED LOAD.
- EXISTING LOAD TO BE FED FROM NEW PANEL AND BREAKER.
- COORDINATE WITH OWNERS EXISTING EQUIPMENT.
- NEW LOAD ADDED TO EXISTING LOAD AND CIRCUIT BREAKER TO REMAIN.
- NEW LOAD APPLIED TO PHASE 1 PANELBOARD SPACE.
- NEW CIRCUIT BREAKER TO REPLACE EXISTING. REFEED EXISTING LOADS.
- RECONNECT EXISTING EQUIPMENT TO NEW PANEL. FIELD VERIFY REQUIRED CIRCUIT BREAKER & NOTIFY ENGINEER OF ANY DISCREPANCY.

NEW PANEL		CPLC-A1									LOCATION: PREF 2114	
VOLTAGE: 120/208V		PHASES: 3			WIRE: 4			TYPE:			MOUNTING: FLUSH	
100A MCB		FED FROM: PANEL CPLC-A										
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE		
BEER KEG COOLER (301)	1.2	1P20		1	A	2		1P20	1.1	REACH-IN REFRIGERATOR (318)		
BEER SYSTEM (302)	2.4	1P25		3	B	4		1P20	0.2	REC - BACK COUNTER		
SODA RACK (303)	1.8	1P20		5	C	6		1P20	1.0	POINT OF SALE EQUIPMENT #1 & 2 (327)		
SODA DISPENSERS #1 & 2 (316)	1.2	1P20		7	A	8		1P20	0.4	REC - GEN. PURPOSE		
POINT OF SALE EQUIPMENT #3 & 4 (327)	1.0	1P20		9	B	10		1P20	0.4	REC - CONCOURSE TVS		
ELECTRONIC TRAP PRIMER	0.1	1P20		11	C	12		1P20	0.4	MENU BOARDS		
SPARE		1P20		13	A	14		1P20		SPARE		
SPARE		1P20		15	B	16		1P20		SPARE		
SPARE		1P20		17	C	18		1P20		SPARE		
SPARE		1P20		19	A	20		1P20		SPARE		
SPARE		1P20		21	B	22		1P20		SPARE		
SPARE		1P20		23	C	24		1P20		SPARE		
SPARE		1P20		25	A	26		1P20		SPARE		
SPARE		1P20		27	B	28		1P20		SPARE		
SPARE		1P20		29	C	30		1P20		SPARE		

PHASE 1 PANEL		LHC-A									LOCATION: ELEC 3114	
VOLTAGE: 277/480V		PHASES: 3			WIRE: 4			TYPE:			MOUNTING: SURFACE	
600A MCB		FED FROM: PANEL GPL-A										
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE		
AIR HANDLING UNIT AHU-5	2.9			1	A	2						
	2.9			3	B	4		3P20		SPARE		
	2.9			5	C	6						
	0.4			7	A	8			0.4			
EXHAUST FAN EF-1	0.4	3P15		9	B	10		3P15	0.4	EXHAUST FAN EF-2		
	0.4			11	C	12			0.4			
				13	A	14						
				15	B	16						
				17	C	18						
				19	A	20						
				21	B	22						
				23	C	24						
				25	A	26						
				27	B	28						
				29	C	30						
				31	A	32						
				33	B	34						
				35	C	36						
				37	A	38						
				39	B	40		3P200	27.2			
				41	C	42			27.2			
PANEL GPL-A	21.5											
	21.5	3P225										
	21.5											
	4.5											
	4.5											
PANEL PLC-A VIA XFMR DT-2A	4.5							3P150	27.2	PANEL CPLC-A VIA XFMR DT-1A		
	4.5								27.2			

NEW PANEL		CPLC-A2									LOCATION: PREF 2109	
VOLTAGE: 120/208V		PHASES: 3			WIRE: 4			TYPE:			MOUNTING: SURFACE	
250A MCB		FED FROM: PANEL CPLC-A										
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE		
REC - DESK	0.2	1P20		1	A	2		1P20	1.8	SODA DISPENSER (404)		
CHEESE DISPENSER (435)	1.7	1P20		3	B	4		1P25	2.4	POPCORN POPPER / WARMER #2 (433)		
HEATED CABINET (407)	1.7	1P20		5	C	6		1P20	0.4	REC. - CONCOURSE TVS		
ICE MAKER (417)	1.7	1P20		7	A	8		1P20	1.2	CHILI DISPENSER (436)		
REACH-IN REFRIGERATOR #1 (429)	1.1	1P20		9	B	10		1P20	1.4	HOT DOG ROLLER / GRILL (437)		
REACH-IN REFRIGERATOR #2 (429)	1.2	1P20		11	C	12		1P20	1.4	HOT DOG ROLLER / GRILL (437)		
REACH-IN REFRIGERATOR #2 (429)	1.2	1P20		13	A	14		1P20	0.5	BUN WARMER DRAWER (438)		
UNDER COUNTER REFRIGERATOR (428)	0.9	1P20		15	B	16		1P20	0.8	REC - GENERAL PURPOSE		
HEATED DISPLAY #1 (432)	1.7	1P20		17	C	18		1P20	1.8	HEATED DRAWERS #1 AND 2 (446)		
HEATED DISPLAY #2 (434)	1.7	1P20		19	A	20		1P25	2.4	POINT OF SALE EQUIP. #1 AND 2 (447)		
COFFEE BREWER (426)	1.7	1P20		21	B	22		1P20	1.7	HEATED DISPLAY #3 (432)		
HOT CHOCOLATE DISPENSER (427)	1.2	1P20		23	C	24		1P25	2.4	POPCORN POPPER W/ WARMER #2 (433)		
CHILI DISPENSER (436)	1.2	1P20		25	A	26		1P20	1.7	CHEESE DISPENSER (435)		
POINT OF SALE EQUIP. #3 & 4 (447)		1P20		27	B	28		1P20	1.8	SODA DISPENSER #1 (444)		
HEATED DRAWERS #3 & 4 (446)	1.8	1P20		29	C	30		1P20	1.0	ICE CREAM CABINET (439)		
MENU BOARDS	0.8	1P20		31	A	32		1P20	1.8	SODA DISPENSER #2 (444)		
				33	B	34	2	1P20		REC - CONCOURSE MOBILE CONCESSIONS		
				35	C	36	2	1P20		REC - CONCOURSE MOBILE CONCESSIONS		
				37	A	38						
				39	B	40	2	2P50		REC - CONCOURSE MOBILE CONCESSIONS		
				41	C	42						

RELOCATED PANEL											PLC-B										
VOLTAGE: 120/208V						PHASES: 3			WIRE: 4		TYPE:		LOCATION: WORK ROOM 1201								
100A MLO						FED FROM: PANEL ALDP-B						MOUNTING: SURFACE									
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW
LTS - B226		1P20		1	A	2		1	1P20	HONEYWELL EMS IN OFFICE											
EXHAUST FAN EF-12, ROOFTOP REC.	1.0	1P20	3	3	B	4		1	2P20	CLEANING OUTLET B224, B226											
UNIT HEATERS UH-1, UH-2	1.2	1P20	3	5	C	6		1	1P20												
REC. - B224		1P20	1	7	A	8		1	1P20	REC. -B224											
REC. - B224		1P20	1	9	B	10		1	1P20	REC. -B224											
REC. - B224		1P20	1	11	C	12		1	1P20	REC. -B224											
AIR COND. NORMS OFFICE		1P20	1	13	A	14		1	1P20	REC. -B224											
AIR COND. NORMS OFFICE		1P20	1	15	B	16		1	1P20	JCE MACHINE											
OFFICE & HOT PLATES		1P20	1	17	C	18		4	1P20	1.0 CHILLER CH-1 HEATER											
OFFICE & HOT PLATES		1P20	1	19	A	20		4	1P20	1.0 CHILLER CH-2 HEATER											
OFFICE & HOT PLATES		1P20	1	21	B	22		1	1P20	BEER COOLER											
OUTLETS SCORE CONSOLE		1P20	1	23	C	24		1	1P30	COTTON CANDY MACHINE											

NEW PANEL											CPLC-B										
VOLTAGE: 120/208V						PHASES: 3			WIRE: 4		TYPE:		LOCATION: PREP 2201								
400A MCB						FED FROM: PANEL LHC-B VIA XFMR						MOUNTING: SURFACE									
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW
REACH-IN FREEZER (451)	1.4	1P20		1	A	2			1P20	1.4 HOT DOG ROLLER / GRILL (487)											
SODA RACK (454)	1.8	1P20		3	B	4			1P20	0.9 EXHAUST FAN EF-3											
HEATED CABINET (457)	1.7	1P20		5	C	6			1P20	SPARE											
ICE CREAM CABINET (469)	1.0	1P20		7	A	8			1P20	CHEESE DISPENSER (485)											
FIRE SUPPRESSION SYSTEM (471)	1.2	1P20		9	B	10			1P20	0.6 REC - BACK COUNTER											
EXHAUST HOOD ASSEMBLY (472)	1.8	1P20		11	C	12			1P20	1.2 REACH-IN REFRIGERATOR (479)											
FRYER BATTERY (474) #1	1.4	1P20	SHUNT	13	A	14			1P25	2.4 POPCORN POPPER W/ WARMER (483)											
UNDER COUNTER REFRIGERATOR (475)	1.0	1P20		15	B	16			1P20	1.1 HEATED DISPLAY (484)											
HEATED DISPLAY CAB. #2 (482)	1.7	1P20		17	C	18			1P20	1.8 SODA DISPENSER #1 (494)											
HEATED DISPLAY CAB. #1 (482)	1.7	1P20		19	A	20			1P20	1.2 CHILI DISPENSER (486)											
UNDER COUNTER FREEZER (478)	1.4	1P20		21	B	22			1P20	1.4 HOT DOG ROLLER / GRILL (487)											
SODA DISPENSER #2 (494)	1.8	1P20		23	C	24			1P20	0.5 BUN WARMER DRAWER (488)											
HEATED DRAWERS (496) #1 & 2	1.8	1P20		25	A	26			1P20	1.8 HEATED DRAWERS #3 & 4 (496)											
POINT OF SALE EQUIP. (497) #1 & 2	1.0	1P20		27	B	28			1P20	1.0 POINT OF SALE EQUIP. (497) #3 & 4											
SPARE		1P20		29	C	30			1P20	0.9 REACH-IN FREEZER (501)											
FRYER BATTERY (474) #2	1.4	1P20	SHUNT	31	A	32			1P30	COTTON CANDY MACHINE (502)											
FRYER BATTERY (474) #3	1.4	1P20	SHUNT	33	B	34			2P40	3.2 PIZZA OVEN (504)											
CONVECTION OVEN (506)	2.7	2P40		35	C	36			2P40	3.2 PIZZA OVEN (504)											
REACH-IN REFRIGERATOR (507)	0.9	1P20		39	B	40			2P40	3.2 PIZZA OVEN (504)											
POINT OF SALE EQUIPMENT (511)		1P20		41	C	42			1P20	1.5 MOBILE HANDWASH (509)											
REC. - CONCOURSE TVS	0.4	1P20		43	A	44			2P20	1.5 ELECTRIC UNIT HEATER											
REC. - MENU BOARDS	0.8	1P20		45	B	46															
ELECTRONIC TRAP PRIMER	0.1	1P20		47	C	48		3	2P50												
SPARE		1P20		49	A	50															
SPARE		1P20		51	B	52		3	2P50												
SPARE		1P20		49	C	54															

RELOCATED PANEL											LHC-B										
VOLTAGE: 277/480V						PHASES: 3			WIRE: 4		TYPE:		LOCATION: WORK ROOM 1201								
225A MLO						FED FROM: MSB-1 CKT. 18						MOUNTING: SURFACE									
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW
UNKNOWN ACTIVE		1P20		1	A	2		1	1P20	LTS - B224 & B226											
		1P20		3	B	4		1	1P20	NW CORNER LTS & B225											
	0.4	1P20		4	5	C	6	1	1P20	UNKNOWN ACTIVE											
HONEYWELL SYSTEM TRANSMITTER		3P15		7	A	8			1P20	1.3 MAKE-UP AIR UNIT MAU-1											
		3P15		9	B	10		4	3P15	1.3 MAKE-UP AIR UNIT MAU-1											
		3P15		11	C	12			3P15	1.3 MAKE-UP AIR UNIT MAU-1											
		3P30		13	A	14			3P15	1.3 EXHAUST FAN EF-5											
UNKNOWN ACTIVE		3P30		15	B	16			3P15	1.3 EXHAUST FAN EF-5											
		3P30		17	C	18		4	3P15	1.3 EXHAUST FAN EF-5											
	21.5	3P200		19	A	20			3P100												
PANEL CPLC-B	21.5	3P200		21	B	22		1	3P100	UNKNOWN ACTIVE											
	21.5	3P200		23	C	24															

EXISTING PANEL											LHG-B										
VOLTAGE: 277/480V						PHASES: 3			WIRE: 4		TYPE:		LOCATION: OFFICE 1203 CLOSET								
225A MLO						FED FROM: MSB-2 CKT. 6						MOUNTING: SURFACE									
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW
SPACE		---		1	A																
SPACE		---		3	B		2	5	3P20												
		---			C																
UNIT HEATER		3P20		5	A				3P20												
		3P20			B		4	1	3P20												
		3P20			C																
UNIT HEATER		3P20		7	A				3P20												
		3P20			B																
		3P20			C																
UNIT HEATER		3P20		9	A				3P20												
		3P20			B		8	1	3P20												
		3P20			C																
UNIT HEATER		3P20		11	A				3P20												
		3P20			B		10	1	3P20												
		3P20			C																
SPACE		---		13	A																
SPACE		---		14	A																
SPACE		---		15	B		12	8	3P30												
SPACE		---		16	C																
SPACE		---		17	A		18														
SPACE		---		19	B		20														
SPACE		---		21	C		22														

NEW PANEL											PP-B										
VOLTAGE: 120/208V						PHASES: 3			WIRE: 4		TYPE:		LOCATION: EMERG. ELEC B353								
1000A MCB W/ SHUNT TRIP						FED FROM: MSB-1 CKT. 6 VIA XFMR						MOUNTING: SURFACE									
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW
		3P400		1	A		2		3P400												
STAGE POWER NORTH #1		3P400			B																
		3P400			C																
		3P200		3	B		4		3P100												
STAGE POWER NORTH #3		3P200			C																
		3P100			A																
		3P100		5	B		6														
		3P100			C																

RELOCATED PANEL											ALDP-B										
VOLTAGE: 120/208V						PHASES: 3			WIRE: 4		TYPE:		LOCATION: WORK ROOM 1201								
350A MLO						FED FROM: MSB-1 CKT. 19						MOUNTING: SURFACE									
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	KW
TELESCOPIC PLATFORM - NORTH	1.9	3P20		3	5	B	4	13	1P20	REC - CONCOURSE MOBILE CONCESSIONS											
	1.9	3P20			C		6	13	1P20	REC - CONCOURSE MOBILE CONCESSIONS											
	1.9	3P20			A		8														
TELESCOPIC PLATFORM - NORTH	1.9	3P20		3	9	B	10		3P50	REC - CONCOURSE MOBILE CONCESSIONS											
	1.9	3P20			C		12														
	1.9	3P20			A		14														
TELESCOPIC PLATFORM - NORTH	1.9	3P20		3	15	B	16														

NEW PANEL			CPLG-C								LOCATION: COMMISSARY 1308
VOLTAGE: 120/208V			PHASES: 3		WIRE: 4		TYPE:		MOUNTING: SURFACE		
400A MCB			FED FROM: MSB-2, CKT. 4 VIA XFRMR								
SERVICE	kW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	kW	SERVICE	
WALK-IN COOLER (1, 2)	1.6	1P20		1	A	2			0.5		
WALK-IN FREEZER (5, 6)	1.6	1P20		3	B	4		3P15	0.5	COOLER REFRIG. SYSTEM (3)	
FREEZER HEAT TRACE	0.5	2P20	GFEP	5	C	6			0.5		
	0.5			7	A	8			1.3		
REC. - WORK TABLE	0.4	1P20		9	B	10		3P15	1.3	FREEZER REFRIG. SYSTEM (7)	
20 QT. MIXER (17)	1.0	1P25		11	C	12			1.3		
DOUGH PRESS (22)	1.0	1P20		10	13	A	14	1P20	1.8	EXHAUST HOOD	
CONVEYOR OVEN (27)	1.0	3P20	10	15	B	16			1.0		
	1.0			17	C	18		10	3P20	1.0	CONVEYOR OVEN (27)
	1.0			19	A	20				1.0	
REC. - WORK TABLE	0.6	1P20		21	B	22	10	1P25	2.0	HEATED CABINET (28)	
REFRIG. WORK TABLE (30)	1.2	1P20	GF1	23	C	24	10	1P25	2.0	HEATED CABINET (28)	
FIRE SUPPRESSION SYSTEM	1.2	1P20		25	A	26	10	1P25	2.0	HEATED CABINET (28)	
EXHAUST HOOD (32)	1.8	1P20		27	B	28	SHUNT	1P20	1.2	CONVECTION OVEN (39)	
FRYER BATTERY (34)	1.4	1P20	SHUNT	29	C	30	SHUNT	1P20	1.2	CONVECTION OVEN (39)	
FRYER BATTERY (34)	1.4	1P20	SHUNT	31	A	32	GF1	1P20	1.4	FREEZER WORK TABLE (40)	
	1.4	SHUNT	33	33	B	34			0.3		
	0.3			35	C	36				1.2	
	0.3			37	A	38				6.0	
	6.0	3P70	10	39	B	40	10	3P70	6.0	POPCORN POPPER (45)	
	6.0			41	C	42				6.0	

NEW PANEL			CPLC-C								LOCATION: COLD PREP 2309
VOLTAGE: 120/208V			PHASES: 3		WIRE: 4		TYPE:		MOUNTING: SURFACE		
225A MCB			FED FROM: MSB-1 CKT. 1 VIA XFRMR								
SERVICE	kW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	kW	SERVICE	
WALK-IN COOLER (151)	1.9	1P20		1	A	2		1P20	0.4	REC - DESK ELECTRONIC TRAP PRIMER	
REC - CONCOURSE MOBILE CONCESSIONS		1P20		2	3	B	4	1P20	1.9	HOT CHOCOLATE DISPENSER (202)	
CLR REFRIGERATION SYSTEM (153)	0.9	2P20		5	C	6		1P20	1.8	ICE CREAM CABINET (205)	
	0.9			7	A	8		1P20	1.9	COFFEE BREWER (201)	
ICE MAKER (167)	1.7	1P20		9	B	10		1P25	2.4	POPCORN POPPER/WARMER (183)	
REACH-IN REFRIGERATOR #1 (179)	1.2	1P20		11	C	12		1P20	1.8	SODA DISPENSER W/ ICE BIN (194)	
POPCORN POPPER / WARMER #2 (183)	2.4	1P25		13	A	14		1P20	1.9	HEATED DRAWERS (196)	
HEATED DISPLAY (184)	1.1	1P20		15	B	16		1P20	1.8	SODA DISPENSER W/ ICE BIN (194)	
HEATED DISPLAY #1 (182)	1.7	1P20		17	C	18		1P20	1.0	POINT OF SALE EQUIP. (197)	
HEATED DISPLAY (184)	1.2	1P20		19	A	20		1P20	1.0	POINT OF SALE EQUIP. (197)	
CHEESE DISPENSER (185)	1.7	1P20		21	B	22		1P25	1.8	SODA DISPENSER W/ ICE BIN (194)	
CHILI DISPENSER (186)	1.1	1P20		23	C	24		1P20	1.0	POINT OF SALE EQUIP. #5 & 6 (197)	
SODA SYSTEM & RACK #1 (156)	1.8	1P20		25	A	26		1P20	1.8	SODA SYSTEM & RACK #2 (156)	
HEATED DISPLAY (182)	1.7	1P20		27	B	28		1P20	1.9	HEATED DRAWERS (196)	
HEATED CABINET (178)	2.0	1P25		29	C	30		1P20	0.8	MENU BOARDS	
ELECTRIC UNIT HEATER	1.5	2P20		31	A	32		1P20	0.4	REC - CONCOURSE TVS	
	1.5			33	B	34	2	2	2P5		REC - CONCOURSE MOBILE CONCESSIONS
REC - CONCOURSE MOBILE CONCESSIONS		1P20		2	35	C	36	2	2P5		
	9.4	3P150		37	A	38					
	9.4			39	B	40					
	9.4			41	C	42			2	2P50	
PANEL CPLC-C1										REC - CONCOURSE MOBILE CONCESSIONS	

NEW PANEL			CPLC-C1								LOCATION: GRILL 2306
VOLTAGE: 120/208V			PHASES: 3		WIRE: 4		TYPE:		MOUNTING: SURFACE		
150A MCB			FED FROM: PANEL CPLC-C								
SERVICE	kW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	kW	SERVICE	
ICE MAKER (101)	1.7	1P20		1	A	2		1P20		SPARE	
REC-DESK (105)	0.2	1P20		3	B	4		1P20	1.1	REACH-IN FREEZER (118)	
REFRIGERATED BASE (127)	1.0	1P20		5	C	6		1P20	0.7	REACH-IN REFRIGERATOR (119)	
FRYER BATTERY #1 (129)	1.7	1P20		7	A	8		1P20	1.0	UNDER-COUNTER FREEZER (132)	
HEAT LAMP #2 (134)	0.5	1P20	SHUNT	9	B	10		1P20	0.5	HEAT LAMP #1 (134)	
ELECTRIC UNIT HEATER	2.0	2P30		11	C	12		1P20	1.8	SODA SYSTEM AND RACK (106)	
	2.0			13	A	14		1P20	1.4	REFRIGERATED PREP TABLE (139)	
SODA DISPENSER W/ ICE BIN (144)	1.8	1P20		15	B	16		1P20	1.9	HEATED DRAWERS (146)	
POINT OF SALE EQUIPMENT (147)	1.0	1P20		17	C	18		1P20		SPARE	
CONVECTION OVEN #1 (125)	0.7	1P20	SHUNT	19	A	20	SHUNT	1P20	1.7	FRYER BATTERY #2 (129)	
CONVECTION OVEN #2 (125)	0.7	1P20	SHUNT	21	B	22		1P20	1.8	FIRE SUPPRESSION SYSTEM (121)	
EXHAUST HOOD (122)	1.0	1P20		23	C	24		1P20	1.0	EXHAUST HOOD (126)	
MENU BOARDS	0.4	1P20		25	A	26		1P20	0.4	REC - CONCOURSE TVS	
ELECTRONIC TRAP PRIMER	0.1	1P20		27	B	28		1P20		SPARE	
SPARE		1P20		29	C	30		1P20		SPARE	
SPARE		1P20		31	A	32		1P20		SPARE	
SPARE		1P20		33	B	34		1P20		SPARE	
SPARE		1P20		35	C	36		1P20		SPARE	
SPARE		1P20		37	A	38		1P20		SPARE	
SPARE		1P20		39	B	40		1P20		SPARE	
SPARE		1P20		41	C	42		1P20		SPARE	

NEW PANEL			EPL-C								LOCATION: EMERG. ELEC. B353
VOLTAGE: 120/208V			PHASES: 3		WIRE: 4		TYPE:		MOUNTING: SURFACE		
100A MCB			FED FROM: PANEL LDSP VIA XFRMR								
SERVICE	kW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	kW	SERVICE	
ELEV C CONTROLS	0.5	1P20		1	A	2		1P20	1.0	LOADING DOCK 1206 OHD	
MECH LEVEL SMOKE DOORS	1.0	1P20		3	B	4		1P20	1.0	LOADING DOCK 1207 OHD	
LOADING DOCK 1207 OHD	1.0	1P20		5	C	6		1P20	1.0	LOADING DOCK 1300 OHD	
LOADING DOCK 1300 OHD	1.0	1P20		7	A	8		1P20		SPARE	
	5.3	3P60	2	9	B	10			2.7		
	5.3			11	C	12		2	3P60	2.7	CATWALK EM PANEL #2
	5.3			13	A	14				2.7	
AUXILIARY FIRE ALARM CABINET	1.0	1P20		15	B	16		1P20	1.0	AUXILIARY FIRE ALARM CABINET	
FIRE ALARM CONTROL PANEL	1.0	1P20		17	C	18		1P20	1.0	AREA OF REFUGE CONTROL PANEL	
FIRE ALARM AMP CABINET - QUAD B	1.5	1P20		19	A	20		1P20	1.5	FIRE ALARM AMP CABINET - QUAD C	
SPARE		1P20		21	B	22		1P20	1.5	FIRE ALARM AMP CABINET - CATWALK	
SPARE		1P20		23	C	24		1P20		SPARE	
SPARE		1P20		25	A	26		1P20		SPARE	
SPARE		1P20		27	B	28		1P20		SPARE	
SPARE		1P20		29	C	30		1P20		SPARE	

EXISTING PANEL			LHB-C								LOCATION: MAIN ELEC B352
VOLTAGE: 277/480V			PHASES: 3		WIRE: 4		TYPE:		MOUNTING: SURFACE		
225A MLO			FED FROM: MSB-1 CKT. 11								
SERVICE	kW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	kW	SERVICE	
POLE LIGHT BY TIME CLOCK		1P20		1	A	2					
				3	B	4					
				5	C	6	1	3P20		SEWAGE EJECTOR PUMP	
				7	A	8					
				9	B	10				HEATING TOWER #1	
				11	C	12					
				13	A	14					
				15	B	16				HEATING TOWER #2	
				17	C	18	1				
				19	A	20					
				21	B	22				PANEL PLBC (VIA DT-1C)	
				23	C	24					
				25	A	26					
				27	B	28					
				29	C	30					

EXISTING PANEL			LHG-C								LOCATION: MECH LEVEL OFFICE
VOLTAGE: 277/480V			PHASES: 3		WIRE: 4		TYPE:		MOUNTING: FLUSH		
225A MLO			FED FROM: MSB-1 CKT. 9								
SERVICE	kW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	kW	SERVICE	
LTS-EVENT LEVEL, QUAD B		1P20		1	A	2	1	1P20		LTS-EVENT LEVEL, QUAD B	
LTS-EVENT LEVEL, QUAD B		1P20		3	B	4	1	1P20		LTS-EVENT LEVEL, QUAD B	
LTS-EVENT LEVEL, QUAD B		1P20		5	C	6	1	1P20		LTS-EVENT LEVEL, QUAD B	
				7	A	8			0.9		
				9	B	10		6	3P15	0.9	
				11	C	12			0.9	PUMP -11	
				13	A	14					
				15	B	16		5	3P15		
				17	C	18				SPARE	
				19	A	20	1	1P20		LTS-EVENT LEVEL, QUAD C	
				21	B	22	1	1P20		LTS-EVENT LEVEL, QUAD C	
				23	C	24	1	1P20		CUH	
				25	A	26			0.5		
				27	B	28	6	3P20	0.5	PUMP P-5	
				29	C	30			0.5		
				31	A	32	5	1P20		SPARE	
				33	B	34				SPACE	
				35	C	36				SPACE	
				37	A	38					
				39	B	40	1	3P100		PANEL PLG-C (VIA DT-2C)	
				41	C	42					

NEW PANEL			LHC-C								LOCATION: EVENT CONCOURSE 1320
VOLTAGE: 277/480V											

NEW PANEL		PLC-C								LOCATION: EVENT CONCOURSE 1320	
VOLTAGE: 120/208V		PHASES: 3			WIRE: 4			TYPE:		MOUNTING: FLUSH	
200A MCB		FED FROM: MSB-1 CKT. 8 VIA XFMR									
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	
REC - RESTROOMS 1317A, 1318A, 1316A	1.6	1P20		1	A	2		1P20	0.7	EVENT LEVEL LOCKERS-HANDS FREE	
HAND DRYER-RESTROOM 1318A	1.5	1P20		3	B	4		1P20	1.5	HAND DRYER-RESTROOM 1316A	
HAND DRYER-RESTROOM 1317A	1.5	1P20		5	C	6		1P20	1.5	HAND DRYER-RESTROOM 1315A	
HAND DRYER-RESTROOM 1314A	1.5	1P20		7	A	8		1P20	1.5	HAND DRYER-RESTROOM 1313A	
REC - RESTROOM 1312A, 1313A, 1314A	1.2	1P20		9	B	10		1P20	0.8	REC - FLEX 1319	
REC - VISITOR 1318	0.8	1P20		11	C	12		1P20	1.0	REC - VISITOR 1317	
REC - VISITOR 1316	0.8	1P20		13	A	14		1P20	0.6	REC - VISITOR 1315	
REC - VISITOR 1314	0.6	1P20		15	B	16		1P20	0.8	REC - VISITOR 1313	
REC - VISITOR 1312	1.0	1P20		17	C	18		1P20	0.8	REC - EVENT CONCOURSE	
HAND DRYER-RESTROOM 1316A	1.5	1P20		19	A	20		1P20	1.5	HAND DRYER-RESTROOM 1312A	
CLEANING OUTLET C231	0.2	2P20	2	21	B	22		1P20	1.5	HAND DRYER - MENS 2304	
HANDS FREE DEVICES - MENS 2304	0.5	1P20		25	A	26		1P20	1.5	HAND DRYER - MENS 2304	
HAND DRYER - WOMENS 2303	1.5	1P20		27	B	28		1P20	1.5	HAND DRYER - MENS 2304	
HAND DRYER - WOMENS 2303	1.5	1P20		29	C	30		1P20	1.5	HAND DRYER - WOMENS 2303	
HAND DRYER - WOMENS 2303	1.5	1P20		31	A	32		1P20	1.5	HAND DRYER - WOMENS 2303	
REC - SOUTHEAST LOBBY	1.6	1P20		33	B	34		1P20	1.5	HAND DRYER - WOMENS 2308	
REC - C230		1P20	2	35	C	36		1P20	1.5	HAND DRYER - WOMENS 2308	
REC - C231		1P20	2	37	A	38	2			CLEANING OUTLET C236	
REC - CONCOURSE TV	0.2	1P20		39	B	40					
REC - CONCOURSE TV	0.2	1P20		41	C	42	2	1P20		LTS. C228	
CUH - 5-8	1.0	1P20		43	A	44	2	1P20		REC - C231	
EXHAUST FAN EF-11	0.5	1P20		45	B	46	2	1P20		REC - 231	
HANDS FREE DEVICES - WOMENS 2303	1.5	1P20		47	C	48	2	1P20		REC - C230 & C231	
REC - C230		1P20	2	49	A	50		1P20	0.4	REC - ROOFTOP	
REC - C231		1P20	2	51	B	52		1P20	1.0	CUH-1-4	
		1P20	2	53	C	54		1P20	0.1	ELECTRONIC TRAP PRIMER - LOCKER RMS	

NEW PANEL		CPLG-D								LOCATION: PREP 2408	
VOLTAGE: 120/208V		PHASES: 3			WIRE: 4			TYPE:		MOUNTING: FLUSH	
150A MCB		FED FROM: PANEL CPLC-D									
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	
REC - WORK COUNTER	0.4	1P20		1	A	2		1P20	1.1	REACH-IN REFRIGERATOR (239)	
COFFEE BREWER (236)	1.0	1P20		3	B	4		1P20	1.7	ICE MAKER (245)	
POINT OF SALE EQUIPMENT (237)		1P20		5	C	6		1P20	1.2	MOBILE BUFFET COUNTER #1 (249)	
MOBILE BUFFET COUNTER #2 (249)	1.2	1P20		7	A	8		1P20	1.2	MOBILE BUFFET COUNTER #3 (249)	
MOBILE BUFFET COUNTER #4 (249)	1.2	1P20		9	B	10		1P20	0.4	REC - PREP	
STEAMER (234)	2.5	2P30		11	C	12		2P20	1.0	MOBILE BUFFET COUNTER #1	
	2.5			13	A	14			1.0		
	1.0			15	B	16			1.0		
	1.0			17	C	18		2P20	1.0	MOBILE BUFFET COUNTER #3	
MOBILE BUFFET COUNTER #2		2P20		19	A	20	2	1P20		REC - CONCOURSE MOBILE CONCESSIONS	
				21	B	22	2	1P20		REC - CONCOURSE MOBILE CONCESSIONS	
MOBILE BUFFET COUNTER #4		2P20		23	C	24				REC - CONCOURSE MOBILE CONCESSIONS	
ELECTRONIC TRAP PRIMER	0.1	1P20		25	A	26	2	2P50		REC - CONCOURSE MOBILE CONCESSIONS	
SPARE		1P20		27	B	28				REC - CONCOURSE MOBILE CONCESSIONS	
SPARE		1P20		29	C	30	2	2P50		REC - CONCOURSE MOBILE CONCESSIONS	
SPARE		1P20		31	A	32				SPARE	
SPARE		1P20		33	B	34		1P20		SPARE	
SPARE		1P20		35	C	36		1P20		SPARE	
SPARE		1P20		37	A	38		1P20		SPARE	
SPARE		1P20		39	B	40		1P20		SPARE	
SPARE		1P20		41	C	42		1P20		SPARE	

NEW PANEL		CPLC-D								LOCATION: HOT PREP 2411	
VOLTAGE: 120/208V		PHASES: 3			WIRE: 4			TYPE:		MOUNTING: FLUSH	
400A MCB		FED FROM: MSB-17 (VIA XFMR)									
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	
FRYER BATTERY #1 (174)	1.4	1P20	SHUNT	1	A	2		1P20	0.5	HEATED SHELF (190)	
FRYER BATTERY #2 (174)	1.4	1P20	SHUNT	3	B	4		1P20	1.7	HEATED DISPLAY (182)	
FRYER BATTERY #3 (174)	1.4	1P20	SHUNT	5	C	6		1P20	1.1	HEATED DISPLAY (184)	
REACH-IN FREEZER (175)	1.7	1P20		7	A	8		1P20		POINT OF SALE	
HEAT LAMP (193)	0.8	1P20		9	B	10		1P20	1.7	SODA DISPENSER W/ ICE BIN (194)	
HEATED SHELF (192)	0.8	1P20		11	C	12		1P20	1.7	HEATED DRAWERS (196)	
HEAT LAMP (193)	0.8	1P20		13	A	14		1P20		POINT OF SALE	
HEAT LAMP (193)	0.8	1P20		15	B	16		1P20	0.7	SODA DISPENSER W/ ICE BIN (194)	
COFFEE BREWER (201)	1.9	1P20		17	C	18		1P20	0.7	HEATED DRAWERS #1 & 3 (196)	
HOT CHOCOLATE DISPENSER (202)	1.7	1P20		19	A	20		1P20	1.0	REFRIGERATED BASE (176)	
CHEESE DISPENSER (185)	1.1	1P20		21	B	22		1P20	0.6	BUN WARMER DRAWER (188)	
CHILI DISPENSER (186)	1.1	1P20		23	C	24		1P20	2.4	HOT DOG ROLLER / GRILL (187)	
REC-CONVENIENCE	0.4	1P20		25	A	26		1P20	1.2	REFRIGERATED PREP TABLE (177)	
HEAT LAMP (193)	0.8	1P20		27	B	28		1P20	1.4	HOT DOG ROLLER/GRILL (187)	
REC - TVS - CONCOURSE	0.4	1P20		29	C	30		1P20	0.5	HEATED SHELF (192)	
MENU BOARDS	0.8	1P20		31	A	32		1P20	0.5	HEATED SHELF (192)	
ELECTRIC UNIT HEATER	1.5	2P20		33	B	34		1P20		SPARE	
	1.5			35	C	36				SPARE	
	7.5			37	A	38		3P200		PANEL CPLC-D1	
PANEL CPLC-D	7.5	3P150		39	B	40					
	7.5			41	C	42					

EXISTING PANEL		PLB-C								LOCATION: MAIN ELEC ROOM B352	
VOLTAGE: 120/208V		PHASES: 3			WIRE: 4			TYPE:		MOUNTING: SURFACE	
100A MLO		FED FROM: PANEL LHB-C VIA XFMR									
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	
RECTANGLES		1P20		1	A	2		6	1P20	0.3	ELEVATOR PIT LITS & REC
RECTANGLES		1P20		3	B	4		1	1P20		ELEV C-SUMP PUMP
DHW #1 PUMP		1P20		5	C	6		1	1P20		RECTANGLES
DHW #2 PUMP		1P20		7	A	8		1	1P20		CHEM FEED PUMP
UNKNOWN ACTIVE		1P20		9	B	10		1	1P20		AIR DRYER COMP.
UNKNOWN ACTIVE		1P20		11	C	12			1P20	0.2	BOILER B-1
REF. MONITOR		1P20		13	A	14			1P20	0.2	BOILER B-2
REC-MECH. LEVEL, SE LOBBY	1.6	1P20		15	B	16			1P20	0.2	BOILER B-3
REC-EMR. EXT.	0.4	1P20		17	C	18			1P20	0.6	ESCALATOR PIT LITS & REC
REC-MDF	0.4	1P20		19	A	20			1P20	1.6	REC-SE TICKET BOOTH
REC-MDF	0.8	1P20		21	B	22			1P20	1.6	REC-SE TICKETS, OFFICE
EXHAUST FAN EF-13	0.7	1P20		23	C	24			-	-	SPACE

EXISTING PANEL		PLG-C								TUB 1 OF 2	
VOLTAGE: 120/208V		PHASES: 3			WIRE: 4			TYPE:		LOCATION: MECH LEVEL OFFICE	
400A MLO		FED FROM: PANEL LHG-C VIA XFMR								MOUNTING: FLUSH	
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	
REC - STORAGE 1200, PIT 1204		1P20		1	A	2		1	1P20		REC - OFFICE 1203
REC - STORAGE 1200, TRENCH B		1P20		3	B	4		6	1P20	0.4	REC - TICKET BOOTH COMMUNICATOR
REC - STORAGE 1200		1P20		5	C	6		5	2P30		SPARE
REC - OFFICIAL SUITE 1311		1P20		7	A	8					SPARE
REC - TRENCH C		1P20		9	B	10		5	1P20		SPARE
REC - EVENT CONCOURSE 1320		1P20		11	C	12		1	1P20		REC - VISITORS LOCKERS 4,5,6
		2P20		13	A	14	1		1P20		REC - VISITORS LOCKERS 1,2
				15	B	16		6	2P20	0.1	HR-1-1, IE-1-1, IE-1-2, IE-1-10
		2P20		17	C	18			2P20	0.1	
				19	A	20		6	2P20	0.1	IE-2-1, IE-2-2
SPARE		1P30		21	B	22			---	---	SPACE
SPARE		1P30		23	C	24			---	---	SPACE
SPARE		2P20		25	A	26			---	---	SPACE
SPARE				27	B	28	5	1P20	---	---	SPACE
SPARE				29	C	30			---	---	SPACE

EXISTING PANEL		PLG-C								TUB 2 OF 2	
VOLTAGE: 120/208V		PHASES: 3			WIRE: 4			TYPE:		LOCATION: MECH LEVEL OFFICE	
400A MLO		FED FROM: PANEL LHG-C VIA XFMR								MOUNTING: FLUSH	
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	
BULK STORAGE WALK-IN COOLER REFRIGERATION SYSTEM (72)	0.9			31	A	32	6	1P20	1.6	BULK STORAGE WALK-IN COOLER (70)	
	0.9	3P15	3	33	B	34	6	1P20	1.6	BULK STORAGE WALK-IN FREEZER (70)	
	0.9			35	C	36	1	1P20		EF-25	
	2.1			37	A	38	3	2P20	0.5	BULK STORAGE WALK-IN FREEZER HEAT TRACE (73)	
BULK STORAGE WALK-IN FREEZER REFRIGERATION SYSTEM (72)	2.1	3P35	3	39	B	40	6	1P20	1.2	DOMESTIC HOT WATER TANKS	
	2.1			41	C	42	6	1P20	0.6	DOMESTIC HOT WATER TANK	
PUMPS HWR-1, HWR-2	0.5	1P20	3	43	A	44	6	1P20	0.2	REC - WORKROOM 1201	
		2P20	5	45	B	46	3		0.2		
				47	C	48			0.2		
		2P20	5	49	A	50	3	1P20	0.2	REC -	

Panel schedule table for ELH-D, LIFE SAFETY. Includes columns for service, kW, BRKR, note, phase, and location.

Panel schedule table for CPLC-D1, LIFE SAFETY. Includes columns for service, kW, BRKR, note, phase, and location.

Panel schedule table for LHG-D, LIFE SAFETY. Includes columns for service, kW, BRKR, note, phase, and location.

Panel schedule table for MSP-D, LIFE SAFETY. Includes columns for service, kW, BRKR, note, phase, and location.

Panel schedule table for PLC-D, LIFE SAFETY. Includes columns for service, kW, BRKR, note, phase, and location.

Panel schedule table for GPLN-D, LIFE SAFETY. Includes columns for service, kW, BRKR, note, phase, and location.

Panel schedule table for EPL-D, LIFE SAFETY. Includes columns for service, kW, BRKR, note, phase, and location.

Panel schedule table for LHC-D, LIFE SAFETY. Includes columns for service, kW, BRKR, note, phase, and location.

SINK COMBS DETHLEFS

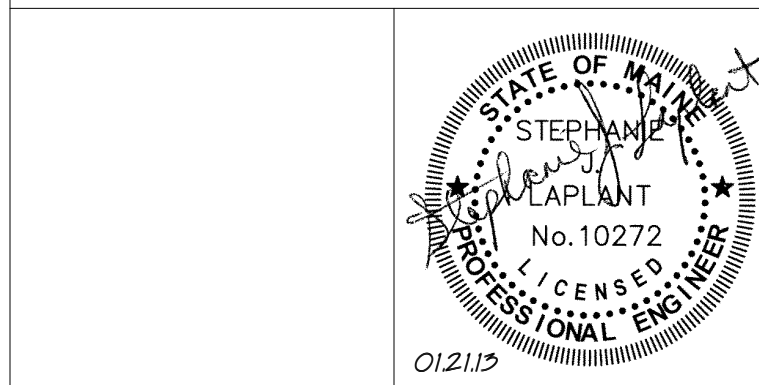
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PANELBOARD NOTES:

- List of construction notes regarding circuit breakers, loads, and equipment reconnection.

Table with columns: REV, DESCRIPTION, DATE. Row 0: CONSTRUCTION DOCUMENTS, 01-21-2013.

CONSTRUCTION DOCUMENTS 01-21-2013



WBRC ARCHITECTS • ENGINEERS logo and address: BANGOR, MAINE 04403-4511, PORTLAND, MAINE 04103-4511, SUWANEE, FLORIDA 34155-0292.

CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PANELBOARD SCHEDULES

Project information form including SHEET TITLE, WBRC CAD FILE, PROJECT No. 375700, SCALE 1/4" = 1'-0", PROJECT MANAGER JRB, DRAWN BY BAP, CHECKED BY SJL, and SHEET No. E6.05B.

PHASE 1 PANEL												PLC-A												LOCATION: ELEC 3114			
VOLTAGE: 120/208V												PHASES: 3			WIRE: 4			TYPE:			MOUNTING: SURFACE						
225A MCB												FED FROM: PANEL LHC-A VIA XFRM															
SERVICE												kw	BKRR	NOTE	NO	PHASE	NO	NOTE	BKRR	kw	SERVICE						
EXISTING EF-5															9	1	A	2			SPARE						
CLEANING REC															9	3	B	4			SPARE						
CLEANING REC															9	5	C	6			SPARE						
SPARE																7	A	8			SPARE						
EXISTING EF-6															9	15	B	16			SPARE						
EXHAUST FANS EF-19 & EF-20												0.2			7	17	C	18			SPARE						
SPARE															7	19	A	20			SPARE						
SPARE															7	21	B	22	12	1P20	0.5	HANDS FREE - MENS 2112, WOMENS 2111					
REC. - CONCOURSE TVS												0.4			12	23	C	24	12	1P20	1.5	HAND DRYER - MENS 2112					
REC. - CONCOURSE TVS												0.8			12	25	A	26	12	1P20	1.5	HAND DRYER - MENS 2112					
REC. - CONCOURSE TVS												0.2			12	27	B	28	12	1P20	1.5	HAND DRYER - WOMENS 2111					
REC. - CONCOURSE												1.0			12	29	C	30	12	1P20	1.5	HAND DRYER - WOMENS 2111					
REC. - SUITE 2A												0.2			12	31	A	32	12	1P20	0.6	REC. - SUITE 2A					
REC. - SUITE 2A												0.6			12	33	B	34	12	1P20	1.0	ELECTRIC WATER COOLER					
REC. - TICKET, MANAGERS, LOBBY												1.0			7	35	C	36	7	1P20	0.8	REC. - TICKET, MANAGERS					
PANEL LLP-5																37	A	38	7	1P20	0.2	EXHAUST FAN EF-19, EF-20					
PANEL LLP-5																39	B	40				SPACE					
PANEL LLP-5																41	C	42				SPACE					

RP										BASED ON ETC SMARTSWITCH RELAY PANEL									
LOCATION: ELEC 3114																			
LOAD DESCRIPTION	RELAY LOAD (W)	FED CIRCUIT	VOLT.	RELAY NO	RELAY NO	VOLT.	FED CIRCUIT	RELAY LOAD (W)	LOAD DESCRIPTION										
QUAD A - CONCESSION COUNTER	168	GPL-A, CKT. 10	277	1	2	277	GPL-A, CKT. 10	544	SPARE										
QUAD A - CONCESSION LOBBY PENDANTS	260	GPL-A, CKT. 10	277	3	4	277	GPL-A, CKT. 17	800	WEST CONCOURSE - DOWNLIGHTS										
QUAD A - CONCESSION LOBBY DOWNLIGHTS	336	GPL-A, CKT. 10	277	5	6	277	GPL-A, CKT. 17	384	WEST TICKET LOBBY										
QUAD A - CONC. LEVEL - SUITE SCNCES	36	GPL-A, CKT. 12	277	7	8	277	GPL-A, CKT. 17	384	QUAD A - CONCENSIONS										
QUAD A - CONC. LEVEL - SUITE DOWNLIGHTS	160	GPL-A, CKT. 18	277	9	10	277	GPL-A, CKT. 18	36	QUAD A - MSL - SUITE SCNCES										
QUAD A - USL - SUITE SCNCES	36	GPL-A, CKT. 18	277	11	12	277	GPL-A, CKT. 18	336	QUAD A - MSL - SUITE DOWNLIGHTS										
QUAD A - USL - SUITE DOWNLIGHTS	252	GPL-A, CKT. 18	277	13	14	277	GPL-A, CKT. 18	78	QUAD A - VISITIBULE										
QUAD A - USL - SUITE LOUNGE	210	GPL-A, CKT. 18	277	15	16	277	GPL-A, CKT. 18		QUAD A - MSL - SUITE LOUNGE										
QUAD A - USL - WALL WASHERS	52	GPL-A, CKT. 18	277	17	18	277	GPL-A, CKT. 18	52	QUAD A - MSL - WALL WASHERS										
QUAD A - CONCESSION LOBBY LINEAR	168	GPL-A, CKT. 18	277	19	20	277	GPL-A, CKT. 18		QUAD A - CANOPY SIGNAGE LIGHTS										
NORTH CONCOURSE - DOWNLIGHTS	736	GPL-A, CKT. 6	227	21	22	277	GPL-A, CKT. 5	208	NORTH CONCOURSE - WALL WASHERS										
NORTH CONCOURSE - CONC. COUNTERS	336	GPL-A, CKT. 10	227	23	24	277	GPL-A, CKT. 5	128	NORTH CONCOURSE - CONCESSION 2110										
NORTH CONCOURSE - CONCESSION 2202	168	GPL-A, CKT. 10	227	25	26	277	GPL-A, CKT. 5	26	WEST CONCOURSE - WALL WASHERS										
WEST CONCOURSE - CONC. COUNTERS	112	GPL-A, CKT. 10	227	27	28	277	GPL-A, CKT. 9	128	WEST CONCOURSE - MICRO BREW 2113										
WEST TICKET LOBBY - TRACK	700	GPL-A, CKT. 11	277	29	30				SPARE										
SPARE				31	32				SPARE										
SPARE				33	34				SPARE										
SPARE				35	36				SPARE										
SPARE				37	38				SPARE										
SPARE				39	40				SPARE										
VOLTAGE BARRIER																			
SPARE				41	42	277	ELH-A, CKT. 14	840	WEST CONCOURSE - PENDANTS										
WEST TICKET LOBBY	704	ELH-A, CKT. 16	277	43	44	277	ELH-A, CKT. 16	1890	NORTH CONCOURSE - PENDANTS										
QUAD A - CANOPY LGHTS	312	ELH-A, CKT. 12	277	45	46	277	ELH-A, CKT. 10	1300	NEW ENTRY LOBBY										
QUAD A - CONCESSION LOBBY DOWNLIGHTS	84	ELH-A, CKT. 4	277	47	48	277	ELH-A, CKT. 13	40	NORTH BUILDING MOUNTED LIGHTS										

RP2										BASED ON ETC SMARTSWITCH RELAY PANEL									
LOCATION: ELEC 1409																			
LOAD DESCRIPTION	RELAY LOAD (W)	FED CIRCUIT	VOLT.	RELAY NO	RELAY NO	VOLT.	FED CIRCUIT	RELAY LOAD (W)	LOAD DESCRIPTION										
QUAD D - ICE SUITE 1	256	LHC-D, CKT. 1	277	1	2	277	LHC-D, CKT. 1	128	QUAD D - ICE SUITE 1										
QUAD D - ICE SUITE 2	256	LHC-D, CKT. 1	277	3	4	277	LHC-D, CKT. 1	128	QUAD D - ICE SUITE 2										
QUAD C - SOUTHEAST LOBBY ACCENT LTS	256	LHC-D, CKT. 5	277	5	6	277	LHC-D, CKT. 5	52	QUAD C - SOUTHEAST LOBBY WALL WASHERS										
QUAD C - PREP 2305	128	LHC-D, CKT. 3	277	7	8	277	LHC-D, CKT. 3	128	QUAD C - GRILL 2306										
QUAD C - GRILL 2306 COUNTER LTS	126	PLC-D, CKT. 1	277	9	10	277	LHC-D, CKT. 5	480	QUAD C - SOUTHEAST LOBBY DOWNLIGHTS										
QUAD C & D - GRILL 2412, PREP 2309, 2411	384	LHC-D, CKT. 5	277	11	12	277	LHC-D, CKT. 7	384	MERCHANDISE - DOWNLIGHTS										
MERCHANDISE - TRACK	1400	LHC-D, CKT. 22	277	13	14	277	LHC-D, CKT. 7	208	SOUTH CONCOURSE - WALL WASHERS										
SOUTH CONCOURSE - DOWNLIGHTS	736	LHC-D, CKT. 17	277	15	16	120	PLC-D, CKT. 2	364	SOUTH CONCOURSE - CONC. COUNTERS										
QUAD D - PREP 2408	128	LHC-D, CKT. 9	277	17	18	277	LHC-D, CKT. 10	1680	QUAD D - CLUB PENDANTS										
QUAD D - CLUB DOWNLIGHTS	448	LHC-D, CKT. 9	277	19	20	277	LHC-D, CKT. 10	128	QUAD D - DUNKIN DONUTS 2402										
QUAD D - SOUTHWEST ELEV LOBBY	480	LHC-D, CKT. 13	277	21	22	277	LHC-D, CKT. 13	128	QUAD D - CL. - SUITE DOWNLIGHTS										
QUAD D - CL. - SUITE SCNCES	36	PLC-D, CKT. 3	277	23	24	277	LHC-D, CKT. 14	26	WEST CONCOURSE - WALL WASHERS										
QUAD C - SOUTHEAST LOBBY COVES	532	PLC-D, CKT. 1	277	25	26	120	PLC-D, CKT. 3	36	QUAD D - MSL - SUITE SCNCES										
QUAD D - MSL - SUITE DOWNLIGHTS	512	LHC-D, CKT. 13	277	27	28	277	LHC-D, CKT. 13	512	QUAD D - USL - SUITE DOWNLIGHTS										
QUAD D - USL - SUITE SCNCES	36	PLC-D, CKT. 3	277	29	30	277	LHC-D, CKT. 24	1500	MERCHANDISE - TRACK										
QUAD C - COMMISSARY	384	LHC-D, CKT. 6	277	31	32	120	PLC-D, CKT. 50	112	WEST CONCOURSE - CONCESSION COUNTER										
QUAD C - SOUTHEAST LOBBY PENDANTS	420	LHC-D, CKT. 5	277	33	34	277	LHC-D, CKT. 26	1400	MERCHANDISE - TRACK										
SPARE				35	36				SPARE										
SPARE				37	38				SPARE										
SPARE				39	40				SPARE										
VOLTAGE BARRIER																			
SPARE				41	42	277	ELH-D, CKT. 14	64	QUAD D - USL - STAIRS										
QUAD D - SOUTHEAST CANOPY	352	ELH-D, CKT. 12	277	43	44	277	ELH-D, CKT. 13	200	SOUTH AND WEST BUILDING MTD LIGHTS										
QUAD D - SOUTHWEST LOBBY EMERG.	480	ELH-D, CKT. 4	277	45	46	277	ELH-D, CKT. 12	96	QUAD D - SOUTHEAST LOBBY										
QUAD C - SOUTHEAST LOBBY EMERG.	504	ELH-D, CKT. 1	277	47	48	277	ELH-D, CKT. 2	1890	SOUTH CONCOURSE - PENDANTS										

EXISTING PANEL												PLG-D												LOCATION: LOBBY 1402 CLOSET					
VOLTAGE: 120/208V												PHASES: 3			WIRE: 4			TYPE: ITE TYPE CDP-4			MOUNTING: SURFACE								
225A MLO												FED FROM: PANEL LHG-D VIA XFRMR																	
SERVICE												kw	BKRR	NOTE	NO	PHASE	NO	NOTE	BKRR	kw	SERVICE								
REC - ELEC ROOM, TUNNELS															1	1	A	2	6	1P20	1.6	REC. - FIRST AID, ELEV. LOBBY, STORAGE							
REC - TUNNEL, VEST, 1415, LOBBY, RAMP												1.0			11	3	B	2A	6	1P20	1.0	REC. - FIRST AID, ELEV. LOBBY							
ELEV. D SUMP PUMP CNTRL PANEL												1.0			6	5	C	4	6	1P20	1.2	REC. - TVS - LOBBY, CONCOURSE, MERCH.							
REC - TUNNEL												1P20			1	7	A	4A	6	1P20	1.0	SEATING MAP - TICKET 2403							
HANDS FREE - 1414A, 1406A, 1407A												1.0			6	9	B	6	6	1P20	1.0	SEATING MAP - TICKET 2403							
HAND DRYER 1416															2P20			1	11			HAND DRYER 1417							
HAND DRYER 1416																					HAND DRYER 1417								
HAND DRYER 1416																					HAND DRYER 1417								
HAND DRYER 1416												2P20			1	15	A	12	1	2P20		HAND DRYER 1417							
ELEV D - PIT LTG & REC												0.5			6	17	C	14	3	1P20	0.4	REC. - TVS - ICE SUITES							
SPARE															2P20			5	19		1.4	REC. - TICKET BOOTH COMMUNICATORS							
SPARE																					1.0	SPARE							
HONEYWELL RECEIVER															1P20			1	23	B	5	2P20		SPARE					
PE THIS ROOM & CONTACTOR															1P20			1	25	C	5	2P20		SPARE					
CLEANING OUTLETS 1413, RAMP															2P20			1	29	B	22		SPARE						
BWH - ICE SUITE 2 RR												1.4			1P20			6	35	C	1	2P20		LTS - JAN CLOSET					

NEW PANEL												ALDP-D												LOCATION: ELEC 1409			
VOLTAGE: 120/208V												PHASES: 3			WIRE: 4			TYPE:			MOUNTING: SURFACE						
400A MCB												FED FROM: PANEL LHC-D VIA XFRM															
SERVICE												kw	BKRR	NOTE	NO	PHASE	NO	NOTE	BKRR	kw	SERVICE						
HVAC CONTROL POWER												0.5			1	A	2			1P20	0.4	REC. - HOME TEAM LOCKERS					
HAND DRYER												1.5			3	B	4			1P20	1.5	HAND DRYER					
HANDS FREE DEVICES												0.1			7	A	8			1P20	1.5	ICE MACHINE					
REC - LAUNDRY/SKATES												1.6									1.5	SKATE SHARPENER					
SKATE SHARPENER												1.5								2P20	1.5	SKATE SHARPENER					
REC - LOUNGE TV												0.2			13	A	14			1P20	1.6	REC. - LOUNGE, FITNESS					
LTG. - COACH, SPORTS MED, HYDRO												1.0			15	B	16			1P20	0.6	REC. - FITNESS					
LTG. - RESTROOM, LOCKERS, ST. CHANGE												1.0			17	C	18			1P20	1.4	REC. - TRAINER, SPORTS MED					
WASHER																				3P20	2.5	WASHER					
WASHER												2.5			21	B	22				2.5	WASHER					
WASHER												2.5									10.6	WASHER					
DRYER												10.6			25	A	26			3P100	10.6	DRYER					
DRYER												10.6			27	B	28				10.6	DRYER					
DRYER												10.6			29	C	30				10.6	DRYER					
STEAM ROOM												1.5			31	A	32			1P20	1.5	WHIRLPOOL TUB					
STEAM ROOM												1.5									1.5	WHIRLPOOL TUB					
REC - MAIN LOCKER ROOM												1.0			35	C	36			1P20	1.5	WHIRLPOOL TUB					
REC - HEAD COACH, ASST. COACH												1.0			37	A	38				2.0	COMPRESSOR					
REC - HEAD COACH, ASST. COACH												0.8			39	B	40										

SINK COMBS DETHLEFS

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DRY TRANSFORMER SCHEDULE

TAG	KVA	PHASE	RATED TEMP. RISE	PRIMARY VOLTAGE	PRIMARY FEEDER (ALUMINUM) DESIGNATION	# WIRES	SIZE	CONDUIT	SECONDARY VOLTAGE	NOTES
DT-1A	112.5	3	150	480V	F-DT1A	3	3/0	2"	208/120V	-
DT-2A	75	3	150	480V	F-DT2A	3	1/0	1 1/2"	208/120V	-
DT-3A	45	3	150	480V	F-DT3A	3	2"	1 1/4"	208/120V	WALL MOUNT
DT-1B	112.5	3	150	480V	F-DT1B	3	250	4"	208/120V	-
DT-2B	112.5	3	150	480V	F-DT2B	3	250	4"	208/120V	-
DT-1C	15	3	150	480V	F-DT1C	3	6"	1"	208/120V	-
DT-2C	75	3	150	480V	F-DT2C	3	3/0	2 1/2"	208/120V	-
DT-3C	30	3	150	480V	F-DT3C	3	3"	1 1/4"	208/120V	-
DT-4C	300	3	150	480V	F-DT4C	6	300	(2) 4"	208/120V	-
DT-1D	45	3	150	480V	F-DT1D	3	1/0	1 1/2"	208/120V	-
DT-2D	15	3	150	480V	F-DT2D	3	6"	1"	208/120V	-
DT-3D	75	3	150	480V	F-DT3D	3	3/0	2 1/2"	208/120V	-
DT-4D	112.5	3	150	480V	F-DT4D	3	250	4"	208/120V	-
DT-5D	112.5	3	150	480V	F-DT5D	3	250	4"	208/120V	-
T1	112.5	3	150	480V	N/A	N/A	N/A	N/A	208/120V	-
T2	75	3	150	480V	N/A	N/A	N/A	N/A	208/120V	-
T3	75	3	150	480V	N/A	N/A	N/A	N/A	208/120V	K-4 RATED
T4	300	3	150	480V	N/A	N/A	N/A	N/A	208/120V	-
T5	75	3	150	480V	N/A	N/A	N/A	N/A	208/120V	-
T6	300	3	150	480V	N/A	N/A	N/A	N/A	208/120V	K-4 RATED
T7	150	3	150	480V	N/A	N/A	N/A	N/A	208/120V	-

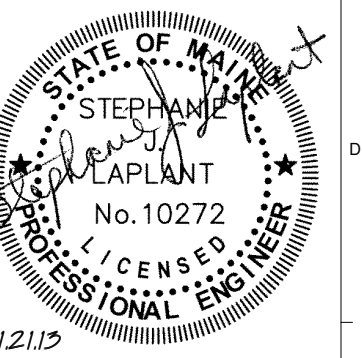
SERVICE, DISTRIBUTION FEEDER, AND PANELBOARD SCHEDULE

TAG	DESCRIPTION	MOUNTING	FEED	MAINS			VOLTS	DESIGNATION	SUPPLY FEEDERS			SUB FEED LUGS	NOTES
				AMPS	ENTRY	PHASE			WIRE	# WIRES	SIZE (ALUMINUM)		
LHC-A	DISTRIBUTION PANEL	SURF	TOP	600	MCB	3	4	277/480	F-LHCA	12	400	(3) 4"	NO
GPLN-A	POWER & LIGHTING PANEL	SURF	TOP	225	MCB	3	4	277/480	F-GPLA	4	4/0	2 1/2"	NO
GPLN-A	POWER & LIGHTING PANEL	SURF	TOP	150	MCB	3	4	120/208	F-GPLNA	4	1/0	2"	NO
PLC-A	POWER & LIGHTING PANEL	SURF	TOP	225	MCB	3	4	120/208	F-PLCA	4	4/0	2 1/2"	NO
CPLC-A	POWER & APPLIANCE PANEL	FLUSH	TOP	400	MCB	3	4	120/208	F-CPLCA	4	500	4"	NO
ELH-A	POWER & APPLIANCE PANEL	SURF	TOP	100	MCB	3	4	277/480	F-ELHA	4	1"	2 1/2"	NO
MSB	MAIN SWITCHBOARD	FLOOR	BOTTOM	3000	MCB	3	4	277/480	F-MSB	32	500 (CU)	(10) 4"	NO
MSP-A	POWER & LIGHTING PANEL	SURF	TOP	225	MCB	3	4	277/480	F-MSPA	4	300	4"	NO
CPLC-A1	POWER & APPLIANCE PANEL	FLUSH	TOP	100	MCB	3	4	120/208	F-CPLCA1	4	1/0	2"	NO
CPLC-A2	POWER & APPLIANCE PANEL	SURF	TOP	250	MCB	3	4	120/208	F-CPLCA2	4	350	4"	NO
LLP-S	POWER & APPLIANCE PANEL	SURF	TOP	60	MCB	3	4	120/208	F-LLPS	4	3"	1 1/2"	NO
LHC-B	POWER & LIGHTING PANEL	SURF	TOP	225	MLO	3	4	277/480	F-LHCB	4	250	4"	NO
LHG-B	POWER & LIGHTING PANEL	SURF	TOP	225	MLO	3	4	277/480	F-LHGB	4	250	4"	NO
ALHP-B	POWER & APPLIANCE PANEL	SURF	TOP	400	MLO	3	4	277/480	F-ALHPB	4	500	4"	NO
PP-B	POWER & APPLIANCE PANEL	SURF	TOP	1000	MCB	3	4	120/208	F-PPB	16	300	(4) 4"	NO
ALDP-B	POWER & APPLIANCE PANEL	SURF	TOP	350	MLO	3	4	120/208	F-ALDPB	4	300	4"	NO
PLC-B	POWER & APPLIANCE PANEL	SURF	TOP	100	MLO	3	4	120/208	F-PLCB	4	4"	1 1/4"	NO
CPLC-B	POWER & APPLIANCE PANEL	SURF	BOTTOM	400	MCB	3	4	120/208	F-CPLCB	8	250	(2) 4"	NO
ALLP-B	POWER & APPLIANCE PANEL	SURFACE (FLOOR)	TOP	225	MLO	3	4	120/208	F-ALLPB	4	300	4"	NO
LLP-B	POWER & APPLIANCE PANEL	SURF	TOP	400	MLO	3	4	120/208	F-LLPB	8	250	(2) 4"	NO
LDSP	LIFE SAFETY - LTG & MOTOR PANEL	SURF	TOP	100	MCB	3	4	120/208	F-LDSP	4	1/0	2 1/2"	NO
LHB-C	POWER & LIGHTING PANEL	SURF	TOP	225	MLO	3	4	277/480	F-LHBC	4	250	4"	NO
LHG-C	POWER & LIGHTING PANEL	FLUSH	TOP	225	MLO	3	4	277/480	F-LHGC	4	250	4"	NO
LHC-C	POWER & LIGHTING PANEL	FLUSH	TOP	300	MCB	3	4	277/480	F-LHCC	4	500	4"	NO
PP-C	POWER & APPLIANCE PANEL	SURF	TOP	1000	MCB	3	4	120/208	F-PPC	16	300	(4) 4"	NO
EPL-C	LIFE SAFETY - POWER & APP PANEL	SURF	TOP	100	MCB	3	4	120/208	F-EPLC	4	1/0	2"	NO
PLB-C	POWER & APPLIANCE PANEL	SURF	TOP	100	MLO	3	4	120/208	F-PLBC	4	4"	1 1/4"	NO
PLG-C	POWER & APPLIANCE PANEL	FLUSH	TOP	400	MLO	3	4	120/208	F-PLGC	4	300	4"	NO
SPLG-C	POWER & APPLIANCE PANEL	FLUSH	TOP	225	MCB	3	4	120/208	F-SPLGC	4	300	4"	NO
PLC-C	POWER & APPLIANCE PANEL	FLUSH	TOP	200	MCB	3	4	120/208	F-PLCC	4	250	4"	NO
CPLG-C	POWER & APPLIANCE PANEL	SURF	TOP	400	MCB	3	4	120/208	F-CPLGC	8	250	(2) 4"	NO
CPLC-C	POWER & APPLIANCE PANEL	SURF	TOP	225	MCB	3	4	120/208	F-CPLCC	4	300	4"	NO
CPLC-C1	POWER & APPLIANCE PANEL	SURF	TOP	150	MCB	3	4	120/208	F-CPLCC1	4	3/0	2 1/2"	NO
RDLP-C	POWER & APPLIANCE PANEL	SURF	TOP	1000	MLO	3	4	120/208	F-RDLP	16	300	(4) 4"	NO
ALLP-C	POWER & APPLIANCE PANEL	SURFACE (FLOOR)	TOP	225	MLO	3	4	120/208	F-ALLPC	4	300	4"	NO
ELH-D	LIFE SAFETY - LTG & MOTOR PANEL	SURF	TOP	100	MCB	3	4	277/480	F-ELHD	4	1/0	2"	NO
LHG-D	POWER & LIGHTING PANEL	SURF	TOP	225	MLO	3	4	277/480	F-LHGD	4	250	4"	NO
LHC-D	POWER & LIGHTING PANEL	SURF	TOP	225	MCB	3	4	277/480	F-LHCD	4	300	4"	NO
MSP-D	POWER & LIGHTING PANEL	SURF	TOP	225	MCB	3	4	277/480	F-MSPD	4	300	4"	NO
EPL-D	LIFE SAFETY - POWER & APP PANEL	SURF	TOP	50	MCB	3	4	120/208	F-EPLD	4	4"	1 1/4"	NO
PLG-D	POWER & APPLIANCE PANEL	SURF	TOP	225	MCB	3	4	120/208	F-PLGD	4	300	4"	NO
PLC-D	POWER & APPLIANCE PANEL	SURF	TOP	225	MCB	3	4	120/208	F-PLCD	4	300	4"	NO
ALDP-D	POWER & APPLIANCE PANEL	SURF	TOP	400	MCB	3	4	120/208	F-ALDPD	8	250	(2) 4"	NO
CPLG-D	POWER & APPLIANCE PANEL	FLUSH	TOP	150	MCB	3	4	120/208	F-CPLGD	4	3/0	2 1/2"	NO
CPLC-D	POWER & APPLIANCE PANEL	FLUSH	TOP	400	MCB	3	4	120/208	F-CPLCD	8	250	(2) 4"	NO
CPLC-D1	POWER & APPLIANCE PANEL	FLUSH	TOP	200	MCB	3	4	120/208	F-CPLCD1	4	250	4"	NO
GPLN-D	POWER & APPLIANCE PANEL	FLUSH	TOP	60	MCB	3	4	120/208	F-GPLND	4	3"	1 1/2"	NO
FIRE PUMP	GENERATOR TO FIRE PUMP	-	-	-	-	-	-	480	F-FP	3	4"	2"	NO
FIRE PUMP	FIRE PUMP TO SECONDARY	-	-	-	-	-	-	480	F-FPS	4	4 (CU)	(2) 2"	NO

NOTES:

CONTRACTOR SHALL PROVIDE #4/0 CONDUCTORS AT SECONDARY MOLE RACK (PROVIDED BY CMP) & SHALL SPLICE TO #4 AWG CONDUCTORS WITHIN SECONDARY VAULT.

0 CONSTRUCTION DOCUMENTS 01-21-2013
REV. DESCRIPTION DATE
CONSTRUCTION DOCUMENTS
01-21-2013
CURRENT ISSUE STATUS:



WBRC ARCHITECTS • ENGINEERS
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION

PROJECT: PORTLAND, ME
PANELBOARD SCHEDULES

SHEET TITLE
WBRC CAD FILE: C:\Users\mahar\Documents\075700 - CCCC Electrical_1\ys.mahar.rvt
PROJECT No. 375700 GRAPHIC SCALE 1" = 1'-0"
SCALE 1/4" = 1'-0"
PROJECT MANAGER: JRB
DRAWN BY: BAP
CHECKED BY: SJL
SHEET No. E6.07B