



Project Key

REVISIONS	Description	Date

Project Title
**STATE UNIVERSITY OF
NEW YORK AT NEW
PALTZ
DEYO HALL
REHABILITATION
AND UPPER FLOOR
ADDITION**
 1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-2443

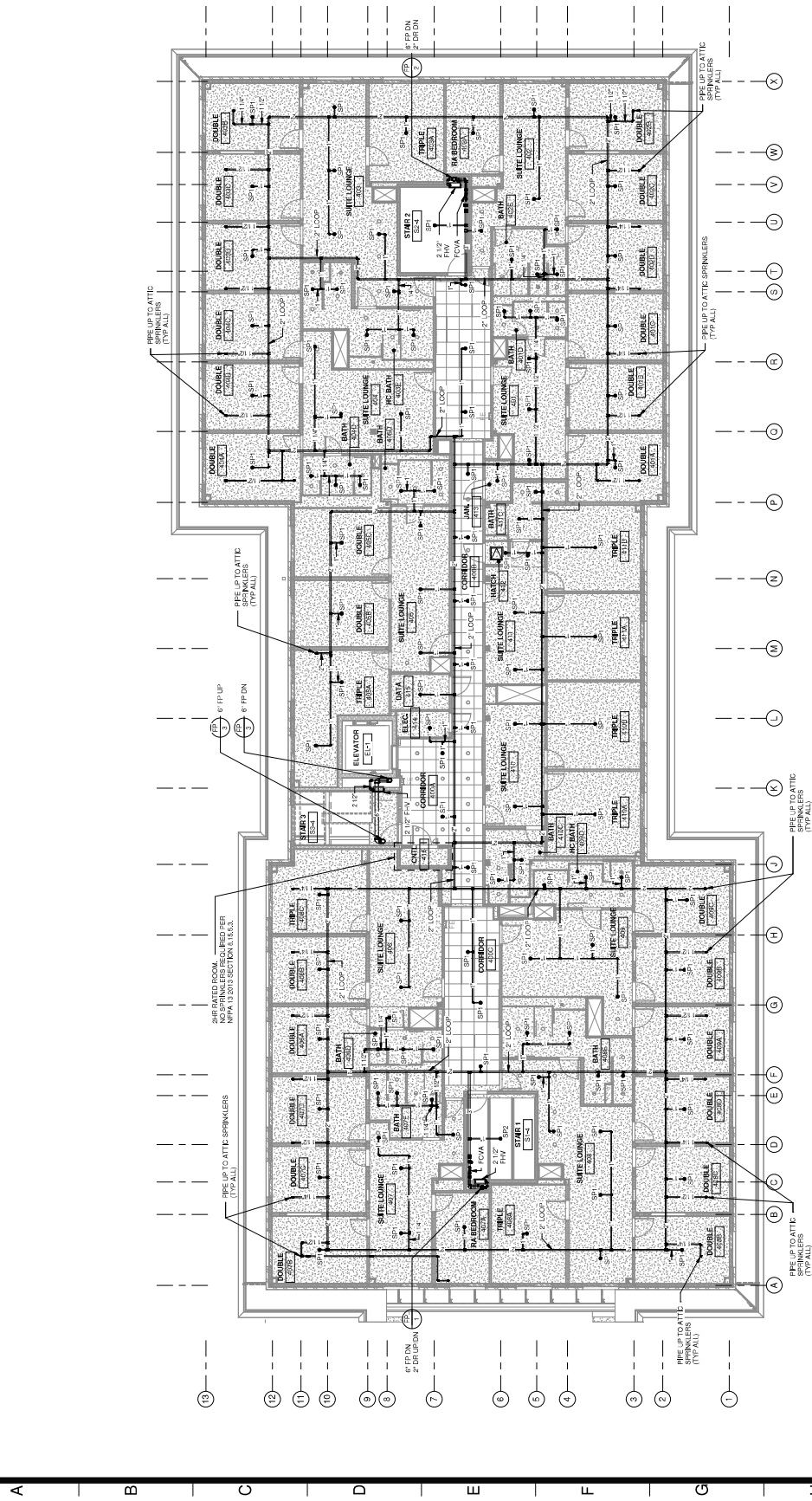
Phase
 BID DOCUMENTS

FOURTH FLOOR PLAN

University of the State of New York
 PS CA 8-29-2018
 DASNY Project No. 241830
 Seal & Signature
 Drawing Number

FP204
 Scale: 1/8" = 1'-0"

13
12
11
10
9
8
7
6
5
4
3
2
1



NOTE:
 ALL PIPING ON THE FLOOR TO BE BLACK STEEL PIPING.

① FOURTH FLOOR PLAN
 1/8" = 1'-0"



LAKIANI & JORDAN
 ENGINEERS, P.C.
 15 Madison Avenue, 10th Floor
 New York, NY 10017
 Tel: 212-336-9620 Fax: 212-336-9600

Project Title

REVISIONS	Description	Date

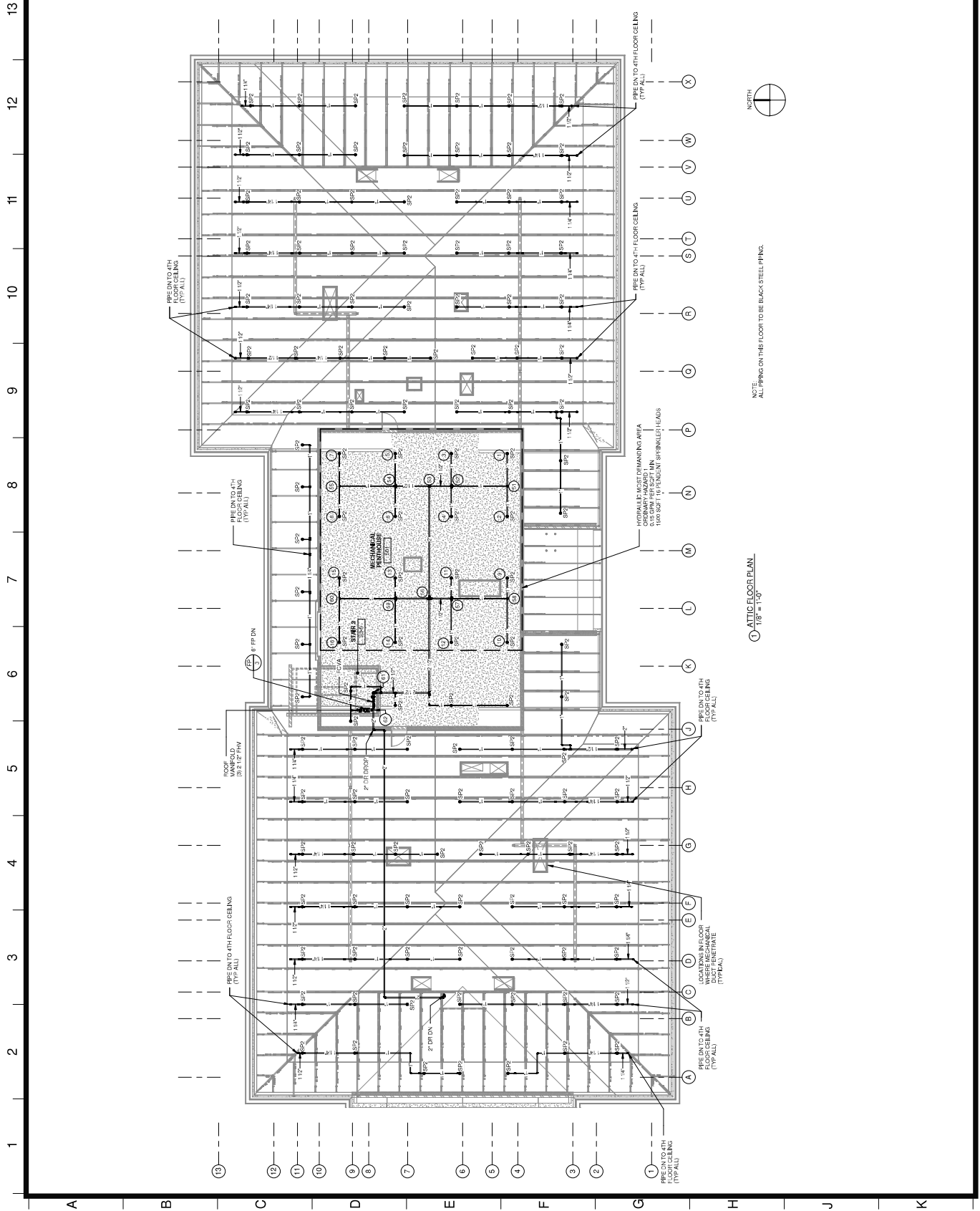
STATE UNIVERSITY OF
 NEW YORK AT NEW
 PALTZ
**DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**
 1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-2443

Phase

BID DOCUMENTS

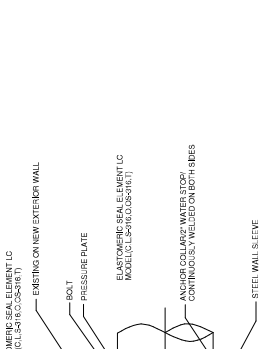
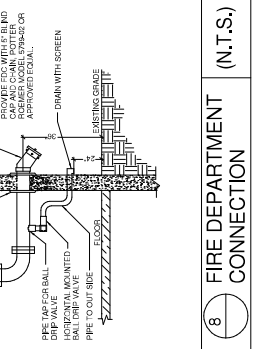
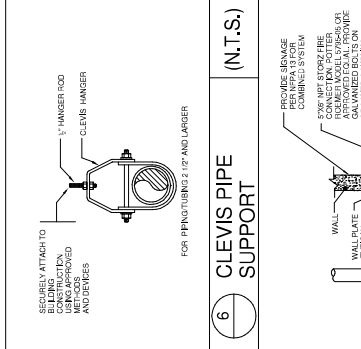
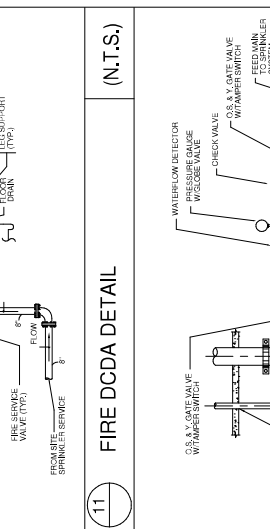
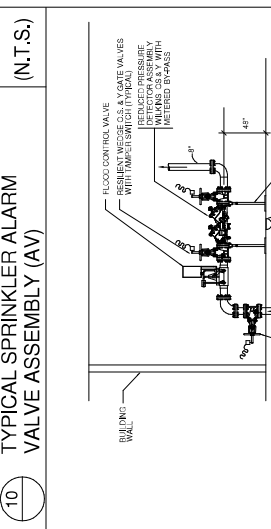
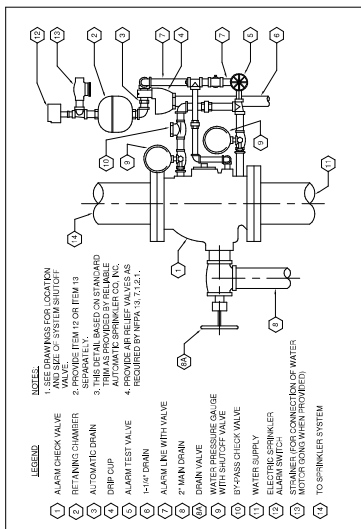
Attorney for the University of New York at New Paltz
 PS CA 8-29-2018
 DASNY Project No. 241830
 Seal & Signature Drawing Number

FP205
 Scale: 1/8" = 1'-0"



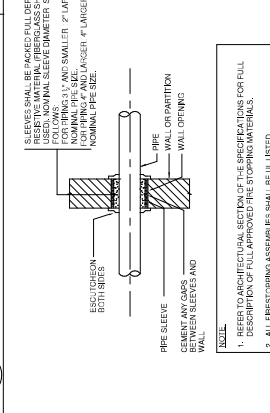
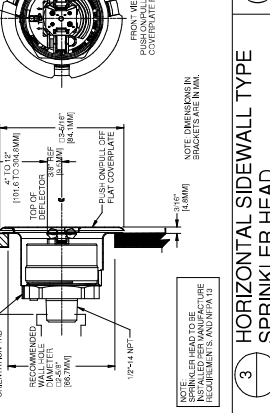
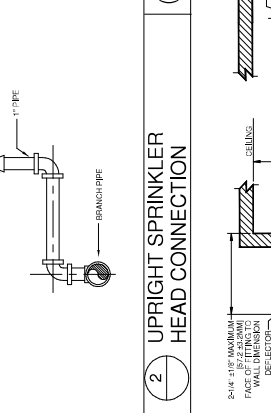
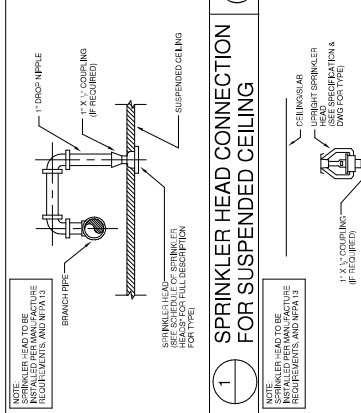
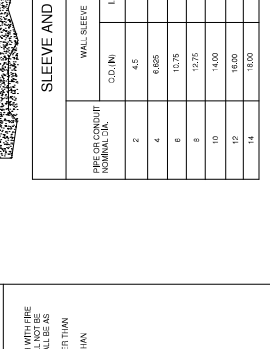
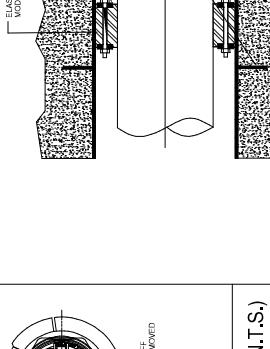
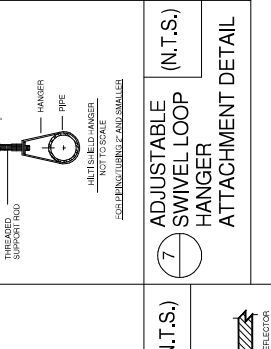
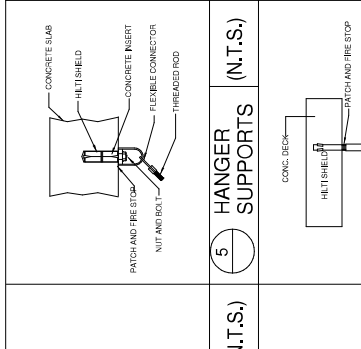
NOTE: ALL PIPING ON THIS FLOOR TO BE BLACK STEEL PIPING.

ATTIC FLOOR PLAN
 1/8" = 1'-0"



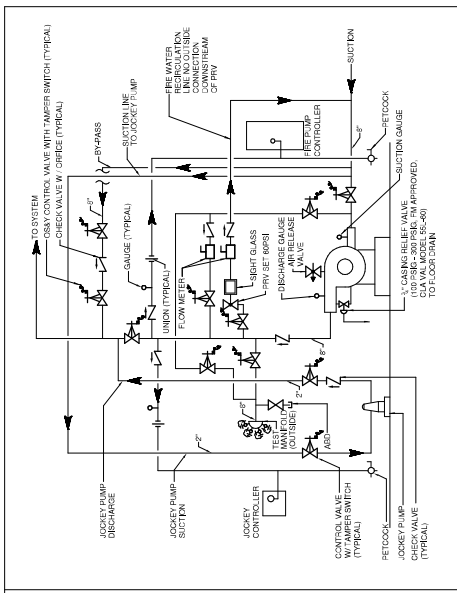
SLEEVE AND CORE DRILL SCHEDULE

PIPE OR CONDUIT NOMINAL DIA.	WALL SLEEVE		LEAK RATE COL/LIN	CORE DRILL DIA. (IN)
	O.D. (IN)	I.N. (IN)		
2	4.5	4.226	10.5	4
4	6.625	6.265	12.885	6
6	10.75	10.002	16.790	10
8	12.75	11.503	16.75	12
10	14.00	13.126	20.00	14
12	16.00	15.00	20.00	16
14	18.00	16.875	24.00	18

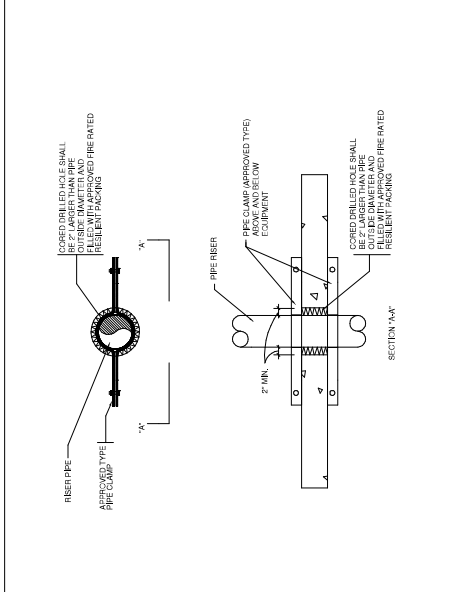


NOTE: ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 1. REFER TO ARCHITECTURAL SECTION OF THE SPECIFICATIONS FOR FULL REQUIREMENTS FOR FULL PENETRATION OF WALLS AND FLOORS.
 2. ALL PENETRATION ASSEMBLIES SHALL BE LISTED.

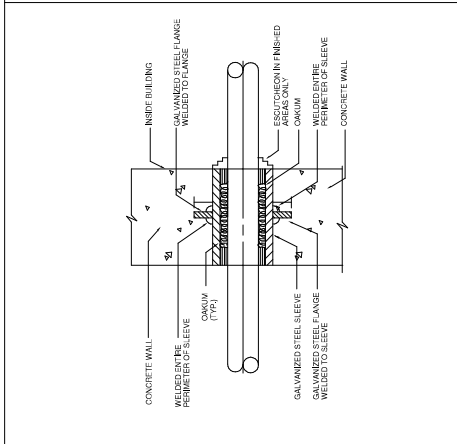
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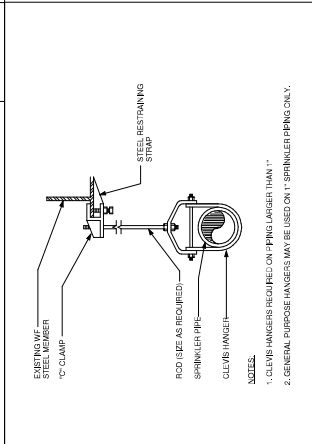
15 AUTOMATIC FIRE PUMP ASSEMBLY (N.T.S.)



14 PIPE ANCHOR FOR RISERS PENETRATING CORED HOLES IN FLOORS DETAIL (N.T.S.)



13 DETAIL OF WATERTIGHT SLEEVE (N.T.S.)



16 TYPICAL HANGER DETAILS (N.T.S.)

NOTES:
 1. CLAMP HANGERS REQUIRED ON PIPES LARGER THAN 1\"/>

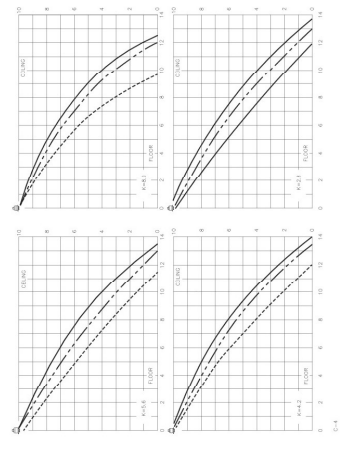


Distribution Patterns

Model G5 Concealed Sprinklers, 2.8, 4.2, 5.6 & 8.0 K-Factor

1. Floor coverage indicates maximum effective throw of one half of symmetrical spray pattern.
2. Sprinklers shown operating at flowing pressures indicated.
3. Legend:
 - 15 G.P.M. (7psi) - - - - -
 - 22 G.P.M. (15psi) - - - - -
 - 30 P.S.I. - - - - -
4. Spacings = one foot

These distribution patterns illustrate approximate trajectory and coverage as guidance for preventing an obstruction from being placed in the flow path. No specific coverage areas or densities are implied by these patterns.

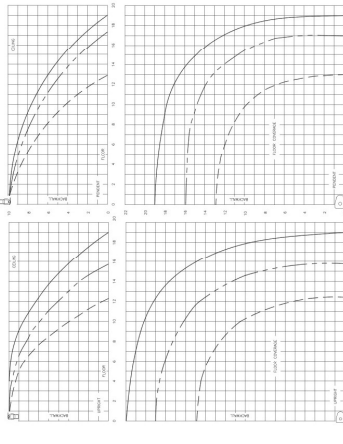


Distribution Patterns

Model F1 & F1R Vertical Sidewall Sprinklers, Upright & Pendant, 1/2" Orifice

1. Floor coverage indicates maximum effective throw of one half of symmetrical spray pattern.
2. Sprinklers shown operating at flowing pressures indicated.
3. Legend:
 - 15 P.S.I. - - - - -
 - 22 P.S.I. - - - - -
 - 30 P.S.I. - - - - -
4. Spacings = one foot

These distribution patterns illustrate approximate trajectory and coverage as guidance for preventing an obstruction from being placed in the flow path. No specific coverage areas or densities are implied by these patterns.

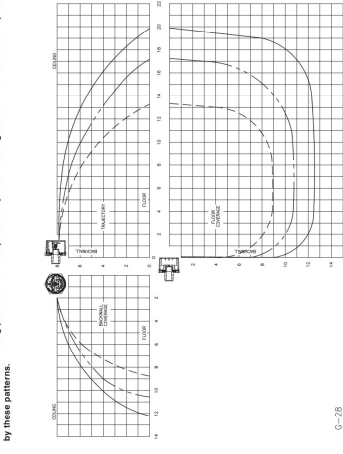


Distribution Patterns

Model GG-56 Concealed OR Standard Spray Horizontal Sidewall Sprinkler, 1/2" Orifice

1. Floor coverage indicates maximum effective throw of one half of symmetrical spray pattern.
2. Sprinklers shown operating at flowing pressures indicated.
3. Legend:
 - 15 G.P.M. (7psi) - - - - -
 - 22 G.P.M. (15psi) - - - - -
 - 30 G.P.M. (30psi) - - - - -
5. Spacings = one foot

These distribution patterns illustrate approximate trajectory and coverage as guidance for preventing an obstruction from being placed in the flow path. No specific coverage areas or densities are implied by these patterns.



G-28

A

B

C

D

E

F

G

H

J

K

DASNY
 DOMESTIC AUTHORITY STATE OF NEW YORK
 515 E. 42nd St., New York, NY 10017-2264
 515 E 42nd St., 5th Fl., New York, NY 10017-2264
 WWW.DASNY.NY.GOV

archiclosure+
 LOMONACO & PITS
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 297 RIVER STREET
 IRVING, NY 12180

LAKIANI & JORDAN
 ENGINEERS, P.C.
 15 MILLBURN AVENUE, 10TH FLOOR
 NEW YORK, NY 10022
 TEL: 212-512-9629 FAX: 212-512-9690

Project Title

REVISIONS

No.	Description	Date

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

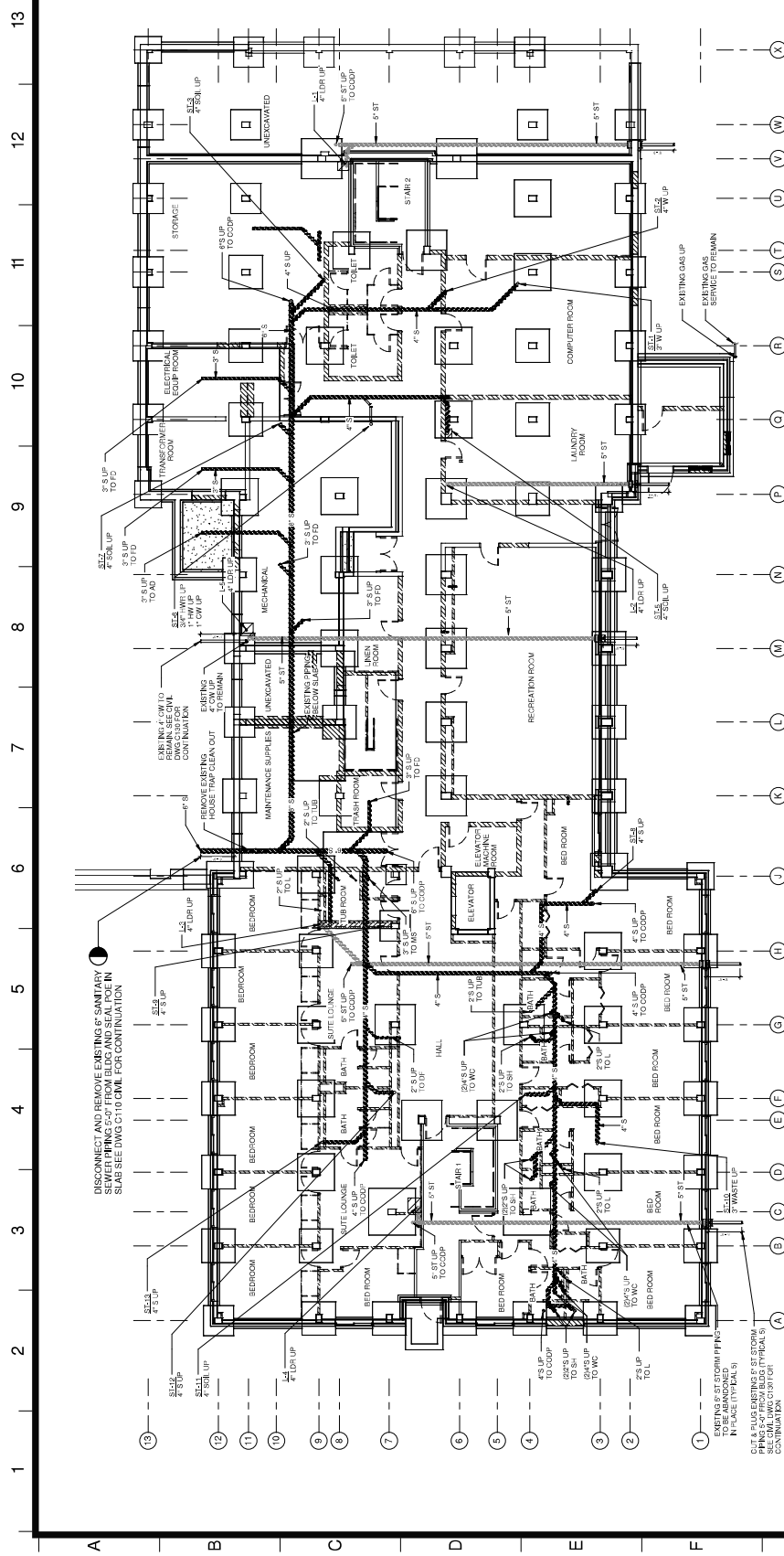
FIRE PROTECTION SPRINKLER SPRAY PATTERNS

Author: [Signature] 8-29-2018
 Checker: [Signature] 8-29-2018
 Designer: [Signature] 8-29-2018

FP602

Scale: INT.S

REVISIONS	Description	Date



PLUMBING DEMOLITION NOTES

- SCOPE OF WORK UNDER THE CONTRACT SHALL INCLUDE TO DISCONNECT AND REMOVE ENTIRE PLUMBING SYSTEMS AND FIXTURES IN THE BASEMENT AND GROUND FLOOR AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL HEALTH DEPARTMENT AND OTHER AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL HEALTH DEPARTMENT AND OTHER AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL HEALTH DEPARTMENT AND OTHER AGENCIES.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL HEALTH DEPARTMENT AND OTHER AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL HEALTH DEPARTMENT AND OTHER AGENCIES.
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① BASEMENT DEMOLITION UNDER GROUND FLOOR PLAN
 1/8" = 1'-0"

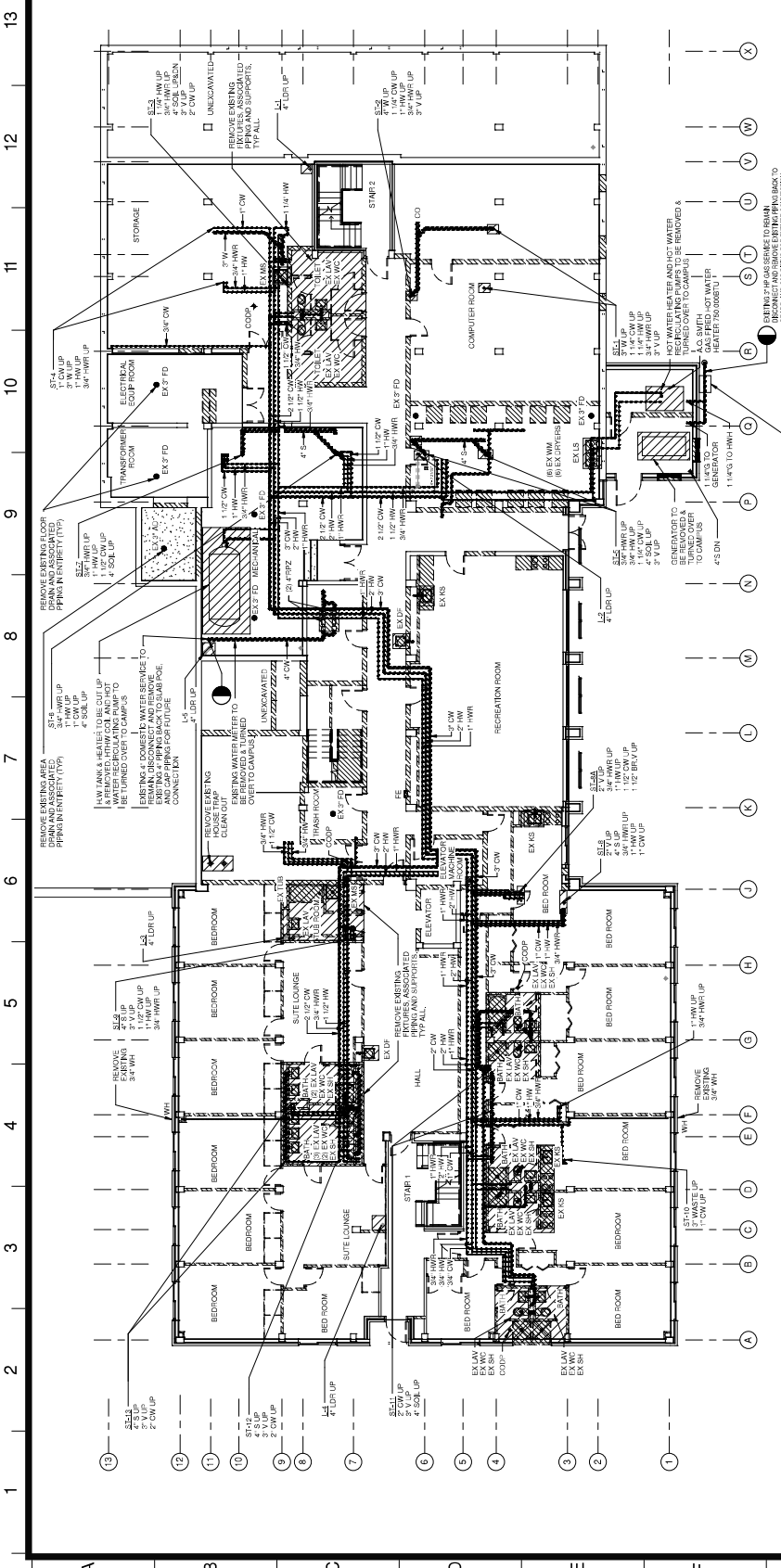
REVISIONS	Description	Date

Project Title
**STATE UNIVERSITY OF
 NEW YORK AT BINGHAM**
**DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**
 1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-4243

Phase
BD DOCUMENTS

**PLUMBING DEMOLITION
 BASEMENT FLOOR PLAN**

Owner: State University of New York at Bingham
 PS CA 85-20-2018
 Date: 8-20-2018
 Scale: 1/8" = 1'-0"
 Drawing Number: P100A
 State Signature: DASNY Professional Seal
 State License No: 941830



PLUMBING DEMOLITION NOTES

1. SCOPE OF WORK UNDER THIS CONTRACT SHALL INCLUDE TO DISCONNECT AND REMOVE ENTIRE EXISTING PLUMBING SYSTEMS INCLUDING: TOILETS, SINKS, TUBS, SHOWER BATHS, AND WATER HEATERS. ALSO TO REMOVE ALL EXISTING PLUMBING MATERIALS INCLUDING PIPING, VALVES, AND FITTINGS. THIS WORK SHALL BE COMPLETED BY THE CONTRACTOR AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE PROJECT ARCHITECT AND ENGINEER. ALL WORK SHALL BE SUBJECT TO THE PROJECT ARCHITECT AND ENGINEER'S REQUIREMENTS.
2. ALL EXISTING PLUMBING SYSTEMS SHALL BE REMOVED AT A POINT OUTSIDE OF THE BUILDING WALL LINE.
3. ALL EXISTING PLUMBING SYSTEMS SHALL BE REMOVED AT A POINT OUTSIDE OF THE BUILDING WALL LINE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ANY REMAINING PLUMBING SYSTEMS.
4. THE SCOPE OF REMOVAL WORK SHALL BE DETERMINED BY THE CONTRACTOR'S GENERAL SUPERVISOR AND THE MAJOR WORK SHALL BE COMPLETED. IF ASBESTOS IS SUSPECTED, ALL WORK SHALL BE STOPPED IMMEDIATELY.
5. ALL WORK SHALL BE SUBJECT TO THE PROJECT ARCHITECT AND ENGINEER'S REQUIREMENTS.
6. REMOVE ALL EXISTING PLUMBING SYSTEMS AND DISCONNECT THEM AT A POINT OUTSIDE OF THE BUILDING WALL LINE.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO SUBMITTING WORK. ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE PROJECT ARCHITECT AND ENGINEER IMMEDIATELY.
8. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE PROTECTION OF EXISTING PLUMBING SYSTEMS THAT ARE NOT TO BE REMOVED.
9. REMOVE ALL EXISTING PLUMBING SYSTEMS AND DISCONNECT THEM AT A POINT OUTSIDE OF THE BUILDING WALL LINE.
10. ALL PLUMBING SYSTEMS SHALL BE REMOVED AND DISCONNECTED AT A POINT OUTSIDE OF THE BUILDING WALL LINE.
11. ALL REMOVED PLUMBING SYSTEMS SHALL BE DISCONNECTED AND REMOVED UP TO THE STREET WITH CAPS AND CLOSURES.
12. NO DEAD ENDS SHALL BE LEFT ON PIPE.

EXISTING GAS METER & REGULATOR TO BE REMOVED & TURNED OVER TO CAMPUS.

Ⓢ BASEMENT DEMOLITION FLOOR PLAN
 1/8" = 1'-0"

311 E. Exchange Avenue, New York, NY 10022-7241
917-260-3300 Fax: 917-260-3301
501 Park Avenue, New York, NY 10022-2798
212-512-2000 Fax: 212-512-2001

architecture+
LOMONACO & PITTS
ARCHITECTS P.C.
297 RIVER STREET
IRIDI, NY 12180



LAKHANI & JORDAN
ENGINEERS, P.C.
15 Middle Avenue, 10th Floor
New York, NY 10036
Tel: 212-512-9829 Fax: 212-512-9830

Project Key

REVISIONS	Number	Date

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
**DEYO HALL
REHABILITATION
AND UPPER FLOOR
ADDITION**
1 HAWK DRIVE NEW PALTZ, NEW YORK
12561-4243

Phase
BD DOCUMENTS

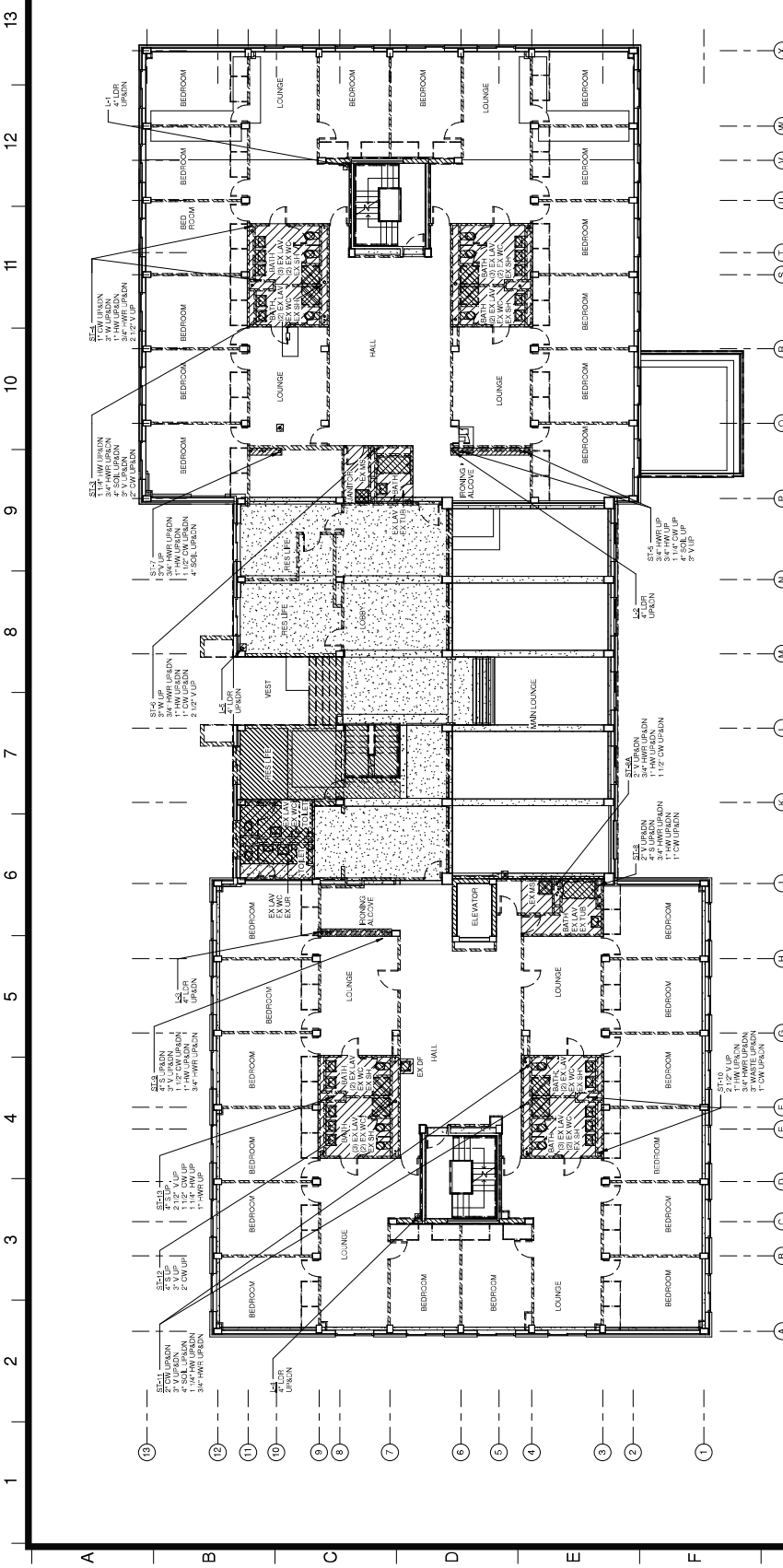
**PLUMBING DEMOLITION
FIRST FLOOR PLAN**

Owner (By) / Consultant (By) / Date
PS / CA / 8-29-2018

Scale & Signature
DASNY PROJECTS
241830

Drawing Number
P101

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



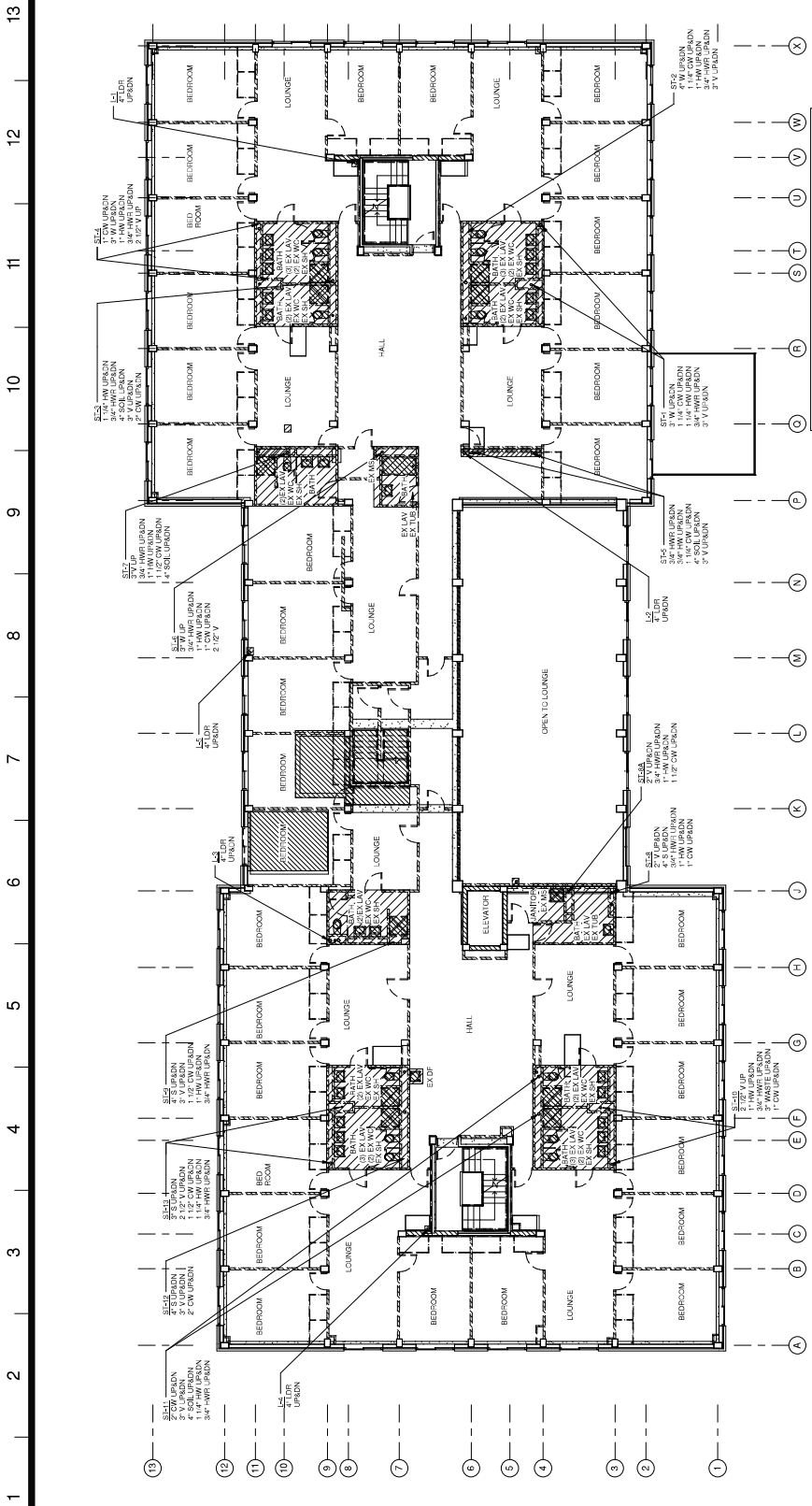
PLUMBING DEMOLITION NOTES

1. SCOPE OF WORK AND THE CONTRACTOR SHALL INCLUDE CORROSION AND REMOVAL OF ALL PLUMBING SYSTEM THROUGHOUT THE BUILDING, INCLUDING ALL PLUMBING FIXTURES, SPRING, STORAGE TANKS, DRAIN PIPES, EXPOSED IN THE CASE OF PLUMBING TO BE DEMOLISHED. ALL ITEMS TO BE REMOVED SHALL BE IDENTIFIED BY THE CONTRACTOR AND NOTED ON THE DRAWINGS.
2. CUT AND CAP ALL EXISTING SANITARY SEWER AND DRAIN SYSTEMS AT A POINT 1'-0" OUTSIDE OF BUILDING WALL (TYP).
3. CONTRACTOR MUST NOTIFY THE COUNTY OF ALBANY STATE OF NEW YORK (SARBY) OF ALL WORK TO BE PERFORMED ON THE SANITARY SEWER AND DRAIN SYSTEMS PRIOR TO THE BEGINNING OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE COUNTY OF ALBANY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION OF ANY CAMPAIGN WORK, AS REQUIRED BY THE COUNTY OF ALBANY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE COUNTY OF ALBANY.
4. THE SCOPE OF REMEDIATION WORK HAS BEEN DETERMINED BY THE CONTRACTOR GENERAL INVESTIGATION AND SHALL BE IDENTIFIED ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE COUNTY OF ALBANY.
5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REVISIONS. ITEMS SHALL BE DEMOLISHED IN THE DEMOLITION.
6. DO NOT SCALE DRAWINGS.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO SUBMITTING PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE COUNTY OF ALBANY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE COUNTY OF ALBANY.
8. THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS TO SUBMITTING A PROGRAM AND ANY OTHER TESTS THAT WILL IMPACT THE EXISTING WORK.
9. REMOVE UNUSED WASTE PIPES BELOW THE FLOOR LEVEL. THE REMOVAL OF EQUIPMENT TO BE REMOVED WITH 1'-0" FROM THE FINISH FLOOR.
10. ALL PLUMBING MATERIALS TO BE REMOVED MUST HAVE WATER SUPPLY SHUT OFF PRIOR TO THE BEGINNING OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE COUNTY OF ALBANY.
11. ALL ABANDONED DRAINAGE AND PIPING LINES MUST BE DISCONNECTED AND REMOVED UP TO THE SERVICE MAIN CAPS AND/OR DISCHARGES.
12. NO MATERIALS SHALL BE LEFT ON THE FLOOR.
13. IF ASBESTOS IS FOUND OR OTHER HAZARDOUS MATERIALS ARE ENCOUNTERED, STOP WORK IMMEDIATELY AND NOTIFY THE CONTRACTOR IMMEDIATELY.

① - FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"

REVISIONS	Description	Date

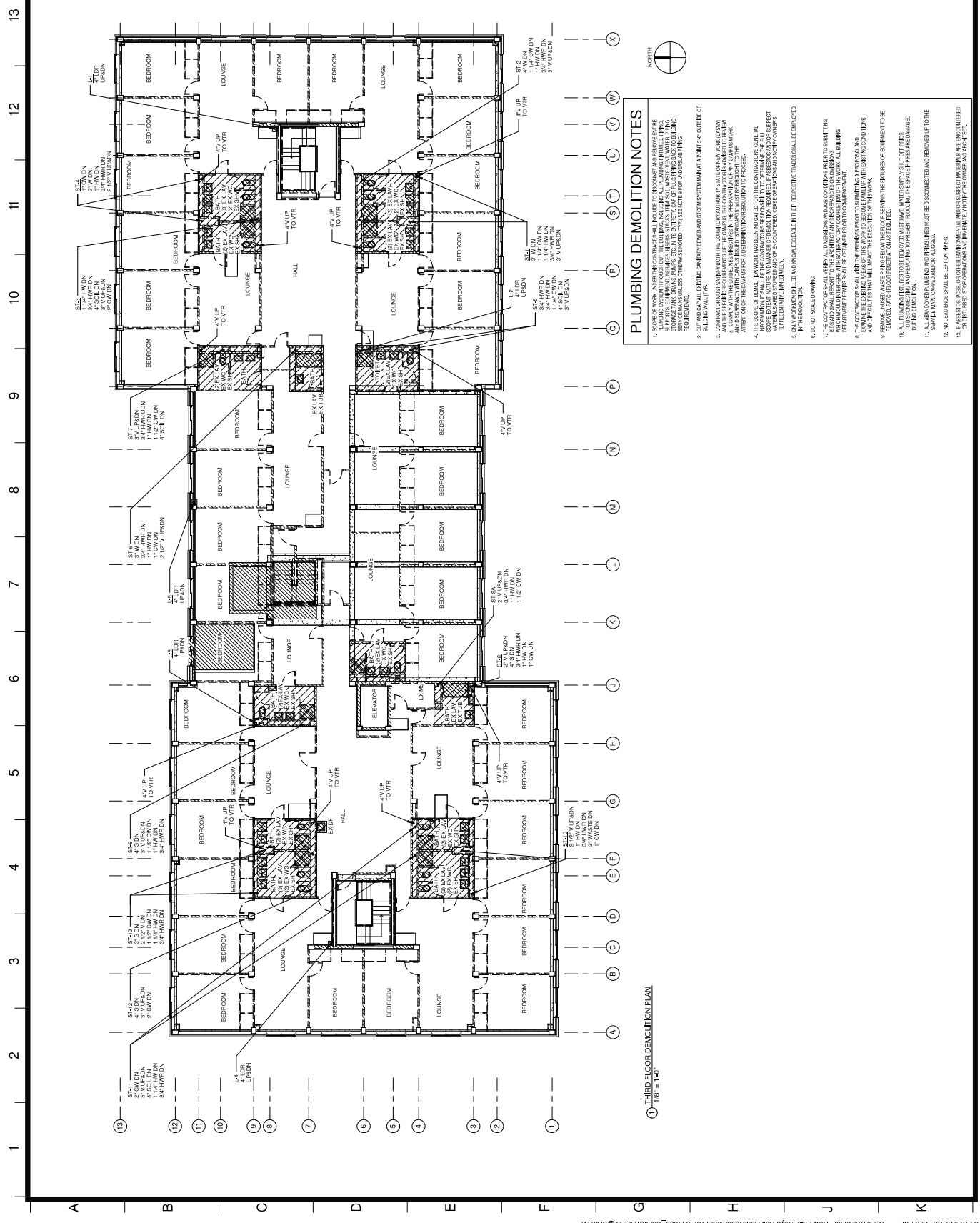
Contract No. _____
 University No. _____
 PS CA 8-29-2018
 State & Signature
 DASNY Project No. 241830
 Drawing Number
P102
 Scale: 1/8" = 1'-0"



PLUMBING DEMOLITION NOTES

- SCOPE OF WORK UNDER THE CONTRACT SHALL INCLUDE TO REMOVE AND REMOVE IN PLACE PLUMBING SYSTEM THROUGHOUT THE BUILDING INCLUDING ALL PLUMBING FIXTURES, PIPING, STORAGE TANK, DRAINS, STAIRS, ETC. AT THE UNIVERSITY OF NEW PALTZ BACK TO BELONGING REQUIREMENTS.
- CUT AND CAP ALL EXISTING SANITARY SEWER AND STORM SYSTEMS AT A POINT EAST OUTSIDE OF BUILDING WALL (TOP).
- CONTRACTOR MUST VERIFY WITH THE DURHAMTY AUTHORITY (STATE OF NEW YORK (SUNY)) ALL WORK SHALL BE REPORTED TO THE DURHAMTY AUTHORITY (STATE OF NEW YORK (SUNY)) PRIOR TO STARTING WORK. THE DURHAMTY AUTHORITY (STATE OF NEW YORK (SUNY)) SHALL BE NOTIFIED OF ANY CHANGES TO THE SCOPE OF WORK PRIOR TO THE START OF WORK.
- THE SCOPE OF WORK FOR THIS PROJECT HAS BEEN INDICATED FOR THE CONTRACTOR GENERAL CONTRACTOR TO VERIFY THE EXISTING PLUMBING SYSTEMS AND TO VERIFY THE EXISTING PLUMBING SYSTEMS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND TO VERIFY THE EXISTING PLUMBING SYSTEMS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- ON ALL WORKS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES IN THE BUILDING.
- PROTECT SCALE DRAWING.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND USE CONTROLS PRIOR TO STARTING WORK AND SHALL REPORT TO THE ARCHITECT ANY DISCREPANCIES OR CONFLICTS TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
- THE CONTRACTOR SHALL VERIFY THE DIMENSIONS AND USE CONTROLS PRIOR TO COMMENCEMENT OF WORK AND SHALL REPORT TO THE ARCHITECT ANY DISCREPANCIES OR CONFLICTS TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
- REMOVE UNUSED WASTE PIPING BELOW THE FLOOR BEING THE EXISTING PIPING TO BE REMOVED. PATCH FLOOR PENETRATIONS AS REQUIRED.
- ALL PLUMBING FIXTURES TO BE REMOVED MUST HAVE WATER SUPPLY SHUT OFF THEIR DURING DEMOLITION. PLUMBING TO BE REMOVED MUST BE DISCONNECTED AND REMOVED TO THE SERVICE MAN, CAPPED AND/OR LOGGED.
- NO DEAD ENDS SHALL BE LEFT ON PIPING.
- IF ANY FIXTURES, PIPES OR OTHER PLUMBING MATERIALS ARE DISCOVERED OR IDENTIFIED DURING THE DEMOLITION WORK, NOTIFY THE ARCHITECT IMMEDIATELY.

T SECOND FLOOR DEMOLITION PLAN
 1/8" = 1'-0"



PLUMBING DEMOLITION NOTES

1. SCOPE OF WORK UNDER THIS CONTRACT SHALL INCLUDE TO DEMOLISH AND REMOVE THE PLUMBING SYSTEM THROUGHOUT THE BUILDING INCLUDING ALL PLUMBING FIXTURES, PIPING, STORAGE AND DRAIN TRAPS, ETC. IN THE SUBJECT AND TO BE PLUMBING BACK TO ALLING REQUIREMENTS.
2. CUT AND CAP ALL OF THE SANITARY SEWER AND STORM SYSTEMS AT A POINT 4' OUTSIDE OF BUILDING WALL (7'9").
3. CONTRACTOR MUST GET PERMIT WITH THE LOCAL CORP AUTHORITY (STATE OF NEW YORK) AND SHALL REPORT TO THE SANITARY AND STORM DEPARTMENT AND THE PLUMBING AND GAS DEPARTMENT. PERMITS SHALL BE OBTAINED PRIOR TO COMMENCEMENT.
4. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSURANCE PRIOR TO COMMENCEMENT.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSURANCE PRIOR TO COMMENCEMENT.
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19. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSURANCE PRIOR TO COMMENCEMENT.
20. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSURANCE PRIOR TO COMMENCEMENT.

① THIRD FLOOR DEMOLITION PLAN
 1/8" = 1'-0"



Project Key

REVISIONS	Description	Date

Project Title
**STATE UNIVERSITY OF
 STATE UNIVERSITY OF
 PALTZ**

**DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**

1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-2443

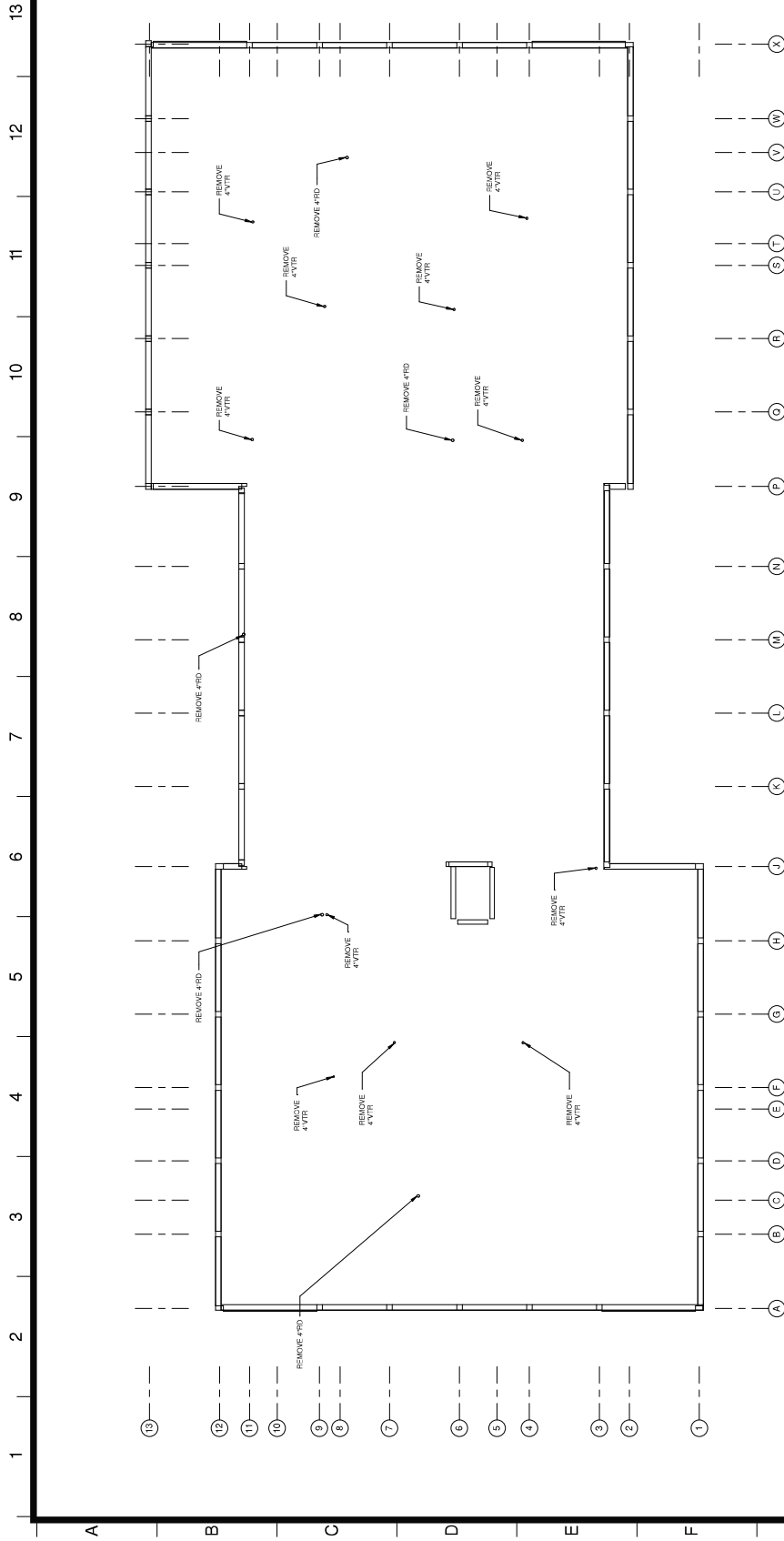
Phase
BID DOCUMENTS

**PLUMBING DEMOLITION
 ROOF FLOOR PLAN**

Contract No. / Contract No. / Date
 PS / CA / 8-29-2018

State & Signature
 DASNY PROJECT NO. 241830

Drawing Number
P104



PLUMBING DEMOLITION NOTES

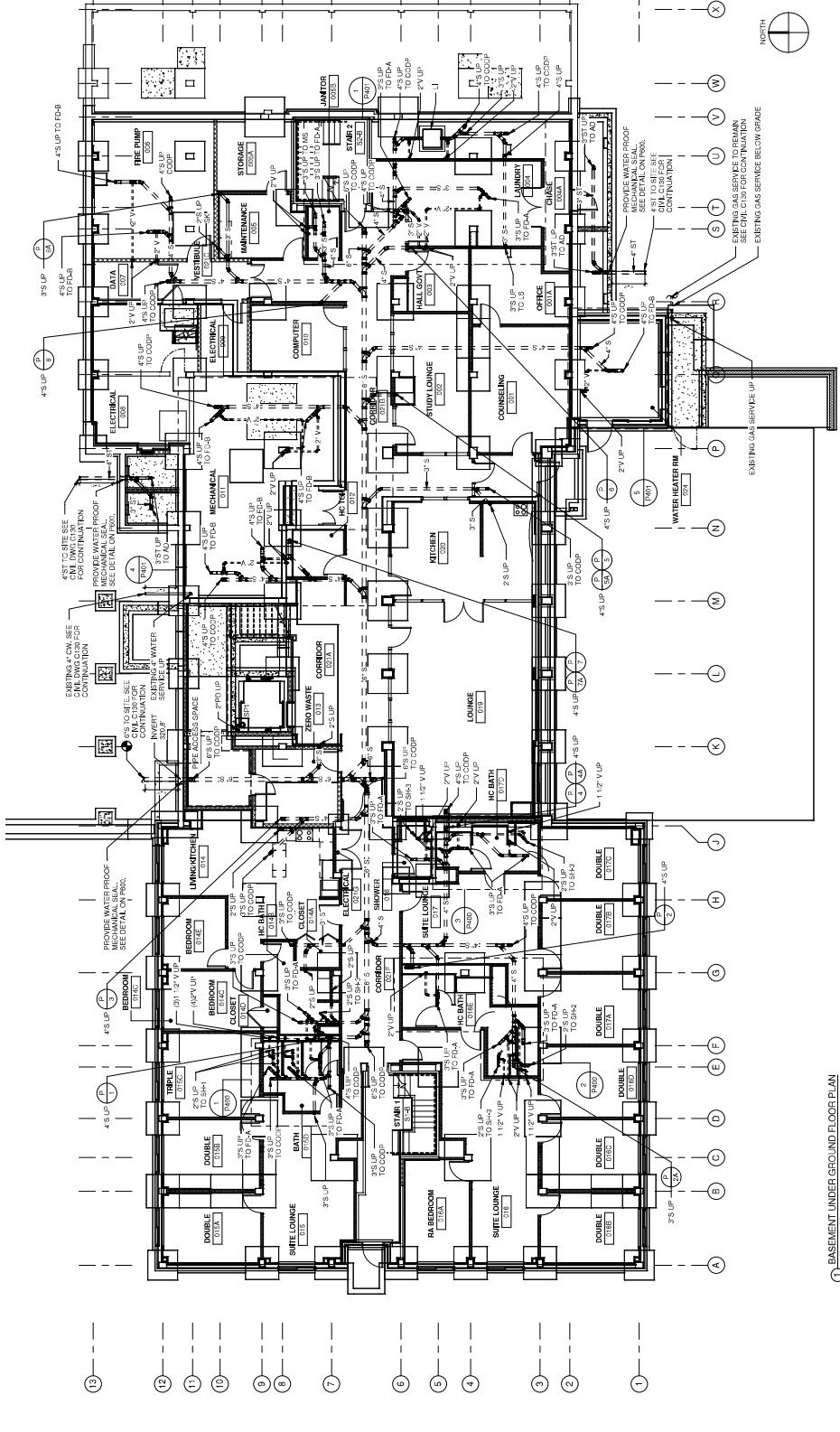
- SCOPE OF WORK UNDER THE CONTRACT SHALL INCLUDE TO REMOVE AND DEMOLISH THE PLUMBING SYSTEM THROUGHOUT THE BUILDING INCLUDING ALL PLUMBING FIXTURES, PIPING, STORAGE TANKS, DRAIN PUMPS, ETC. THIS SUBJECT TO ANY PIPING TO BE LEFT IN PLACE AS PER REQUIREMENTS.
- CUT AND CAP ALL EXISTING SANITARY SEWER AND STORM SYSTEMS AT A POINT AS OUTSIDE OF BUILDING WALL LINE.
- CONTRACTOR MUST NOTIFY THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) AND THE STATE DEPARTMENT OF LABOR (SDOL) IN WRITING OF THE PLUMBING DEMOLITION WORK. A COPY WITH THE PLUMBING DEMOLITION NOTES SHALL BE SUBMITTED TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) AND THE STATE DEPARTMENT OF LABOR (SDOL) FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- THE SCOPE OF DEMOLITION WORK HAS BEEN INDICATED FOR THE CONTRACTOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL PLUMBING INTERFERENCES BEFORE DEMOLITION. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL PLUMBING INTERFERENCES BEFORE DEMOLITION. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL PLUMBING INTERFERENCES BEFORE DEMOLITION.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE RESPECTIVE TRADES SHALL BE SHOWN ON THE DRAWINGS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO STARTING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) AND THE STATE DEPARTMENT OF LABOR (SDOL) PRIOR TO COMMENCEMENT OF WORK.
- THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR OBTAINING A PROFESSIONAL AND ARCHITECTURAL SEALS FOR THE DEMOLITION WORK. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL PLUMBING INTERFERENCES BEFORE DEMOLITION. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL PLUMBING INTERFERENCES BEFORE DEMOLITION.
- ALL PLUMBING INTERFERENCES TO BE REMOVED SHALL HAVE WATER SUPPLY SHUT OFF PRIOR TO DEMOLITION. CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) AND THE STATE DEPARTMENT OF LABOR (SDOL) PRIOR TO COMMENCEMENT OF WORK.
- ALL REMOVED PLUMBING AND PIPING LINES MUST BE DISCONNECTED AND REMOVED UP TO THE SHOWN MIN. CAPED AND/OR CAPPED.
- NO DEBRIS SHALL BE LEFT ON FLOOR.
- IF ASSISTERS, JOBS, OR OTHER DEMOLITION AND/OR SPECIAL MATTERS ARE ENCOUNTERED, CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY THE ARCHITECT IMMEDIATELY.

0 ROOF FLOOR DEMOLITION PLAN
 1/8" = 1'-0"

REVISIONS	Description	Date

Contract No. / Contract No. / Date: PS CA 85-00-2018
 State & Signature: DASNY PROJECT NO. 241830
 Drawing Number: **P200**
 Scale: 1/8" = 1'-0"

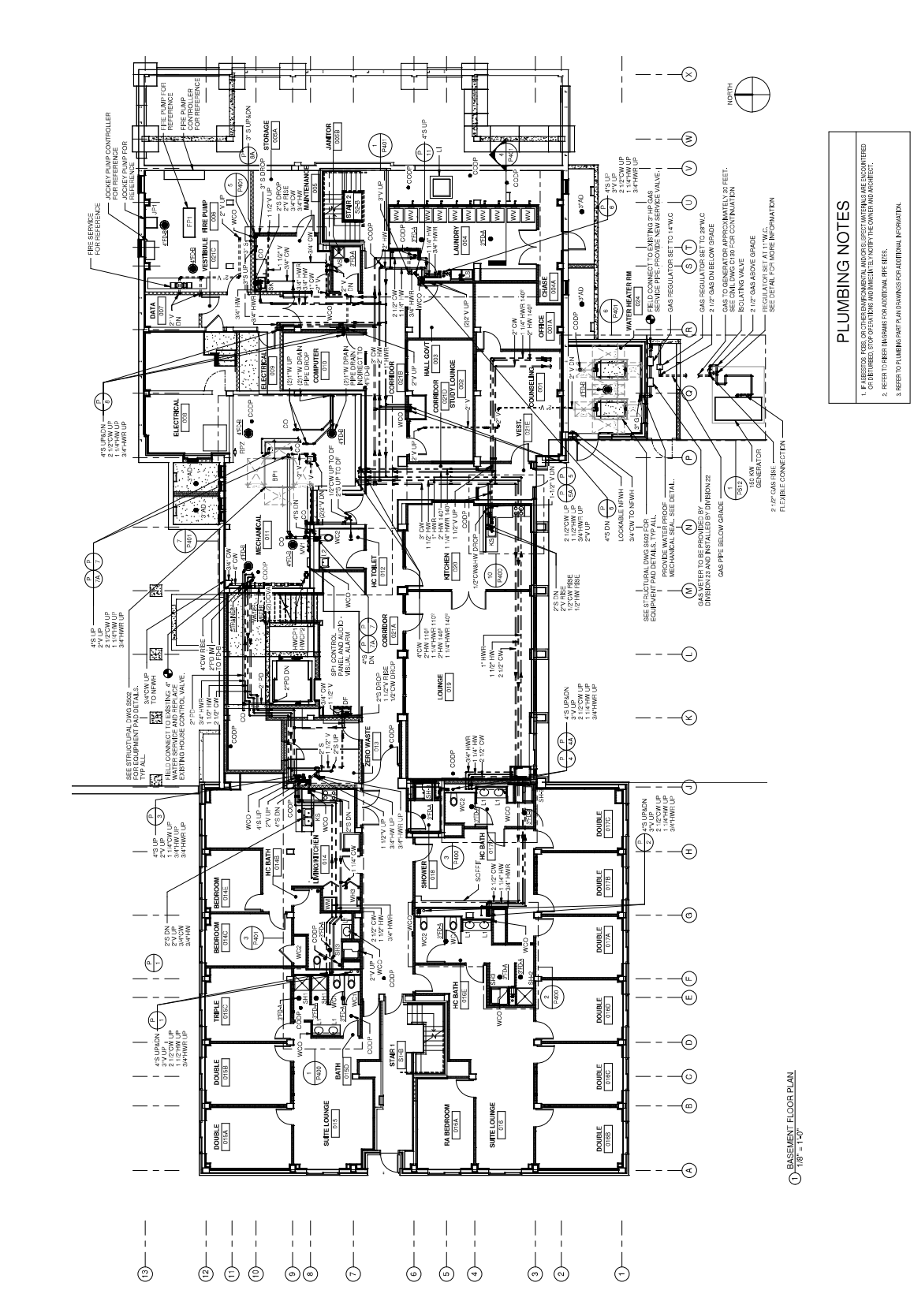
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PLUMBING NOTES

1. F. PAGES 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070, 071, 072, 073, 074, 075, 076, 077, 078, 079, 080, 081, 082, 083, 084, 085, 086, 087, 088, 089, 090, 091, 092, 093, 094, 095, 096, 097, 098, 099, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200.
2. REFER TO BEST DRAWINGS FOR ADDITIONAL PIPE SIZES.
3. REFER TO PLUMBING PLAN DRAWINGS FOR ADDITIONAL INFORMATION.

BASEMENT UNDER GROUND FLOOR PLAN
 1/8" = 1'-0"



PLUMBING NOTES

1. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE IN FEET.
2. REFER TO OTHER DRAWINGS FOR ADDITIONAL PIPE SIZES.
3. REFER TO PLUMBING PART DRAWINGS FOR ADDITIONAL INFORMATION.

BASEMENT FLOOR PLAN
 1/8" = 1'-0"

SEE DETAIL FOR FLEXIBLE CONNECTION

SEE DETAIL FOR GAS REGULATOR INFORMATION

SEE DETAIL FOR GAS REGULATOR INFORMATION

SEE DETAIL FOR GAS REGULATOR INFORMATION

SEE DETAIL FOR GAS REGULATOR INFORMATION

SEE DETAIL FOR GAS REGULATOR INFORMATION

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Project Key

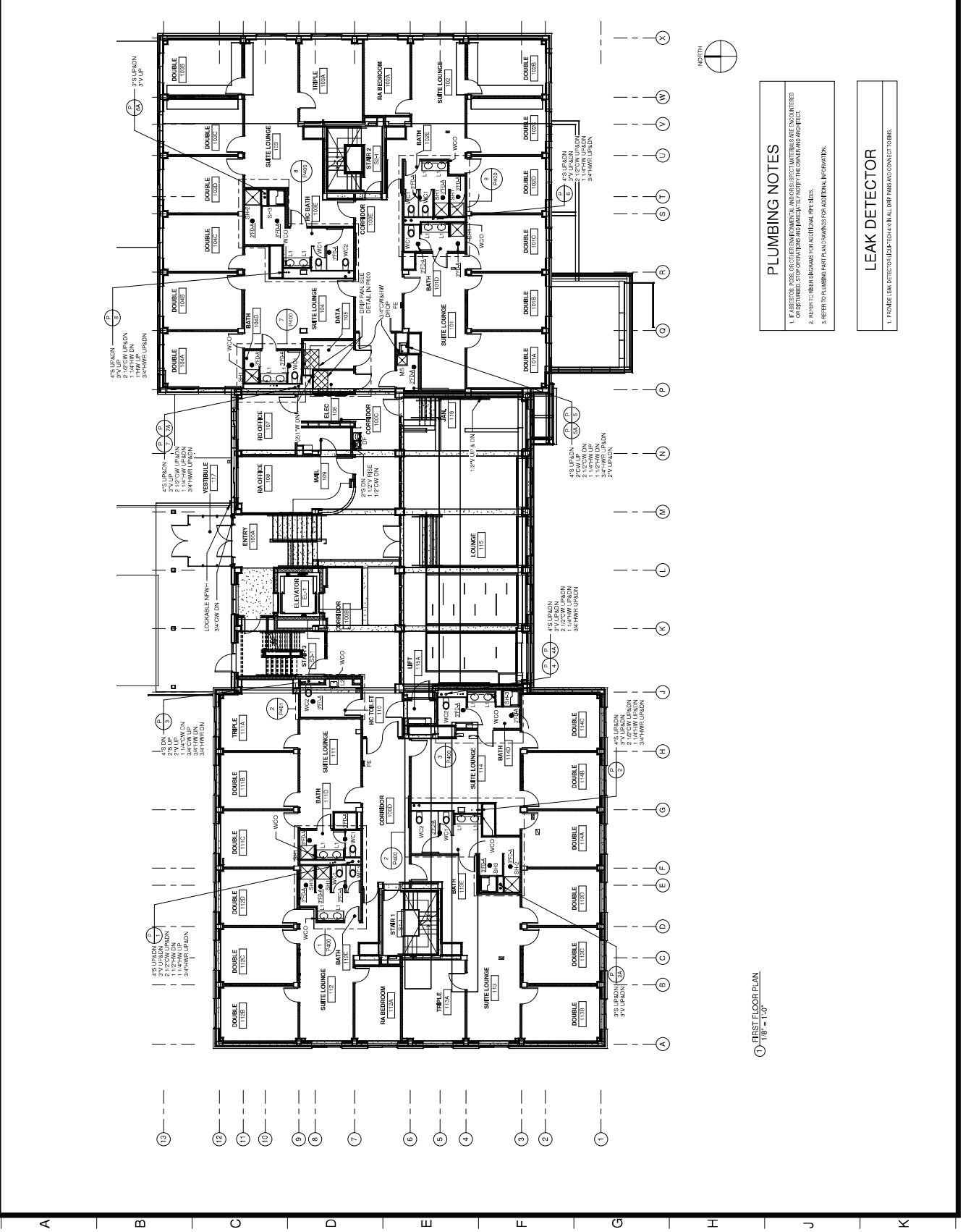
REVISIONS	Number	Date

Project Title
**STATE UNIVERSITY OF
 NEW YORK AT NEW
 PALTZ**
**DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**
 1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-4243

Phase
BID DOCUMENTS

**PLUMBING FIRST FLOOR
 PLAN**

Contract No. / University No. / Date: 85-20-2018
 PS / CA
 State & Signature: DASNY / Project No.: 241830
 Drawing Number: **P201A**
 Scale: 1/8" = 1'-0"



PLUMBING NOTES

- IF FABRICATOR, OWNER, OR OTHER CONTRACTOR HAS ANY COMMENTS OR REQUESTS FOR MATERIALS, CONTACT THE ARCHITECT IMMEDIATELY. COMMENTS SHOULD BE SUBMITTED TO THE ARCHITECT IMMEDIATELY.
- REFER TO REVISIONS FOR ADDITIONAL PIPE SIZES.
- REFER TO PLUMBING PART PLAN FOR ADDITIONAL INFORMATION.

LEAK DETECTOR

- INSTALL LEAK DETECTOR IN ALL OFFICE PARTS AND CONNECT TO BMS.

1. FIRST FLOOR PLAN
 1/8" = 1'-0"

Project Key

REVISIONS	Description	Date

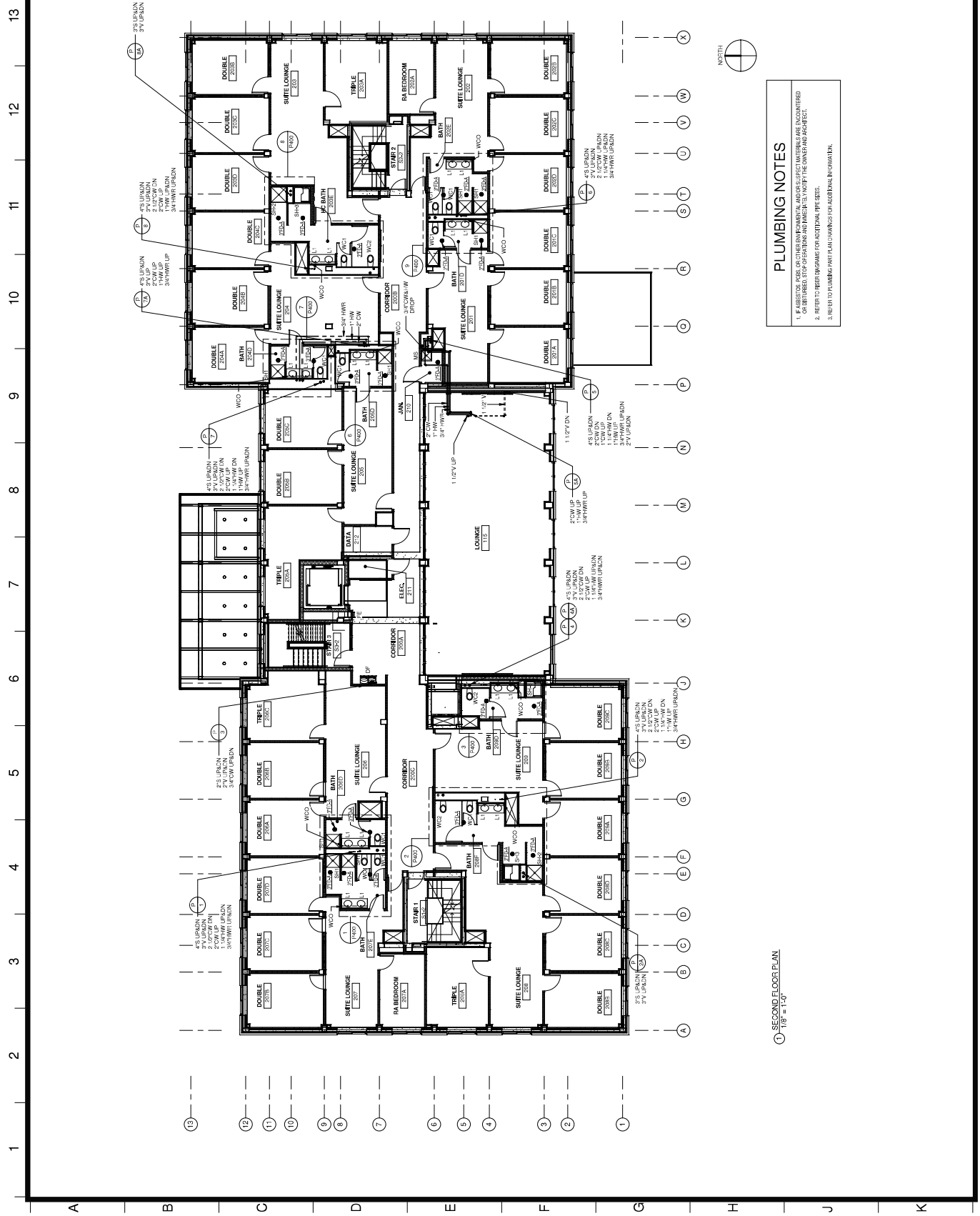
Project Title
STATE UNIVERSITY OF STATE COLLEGE AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
 1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-4243

Phase
BID DOCUMENTS

PLUMBING SECOND FLOOR PLAN

Contract No. / University No. / Date: 8-29-2018
 PS / CA
 State & Signature: DASNY PROJECT NO. 241830
 Drawing Number:

P202A
 Scale: 1/8" = 1'-0"



PLUMBING NOTES

- IF ABSORBER PIPES, SLOTTED ENVIRONMENTAL AND/OR SUSPECT MATERIALS ARE ENCOUNTERED, STOP WORK IMMEDIATELY AND NOTIFY THE CONTRACTOR AND ARCHITECT.
- REFER TO REB INFORMATION FOR ACTUAL PIPE SIZES.
- REFER TO PLUMBING PART PLAN DRAWINGS FOR ADDITIONAL INFORMATION.

○ SECOND FLOOR PLAN
 1/8" = 1'-0"



Project Key

REVISIONS	Date	Description

Project Title
STATE UNIVERSITY OF
STATE OF NEW YORK
PALTZ
DEYO HALL
REHABILITATION
AND UPPER FLOOR
ADDITION
 1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-4243

Phase
 BID DOCUMENTS

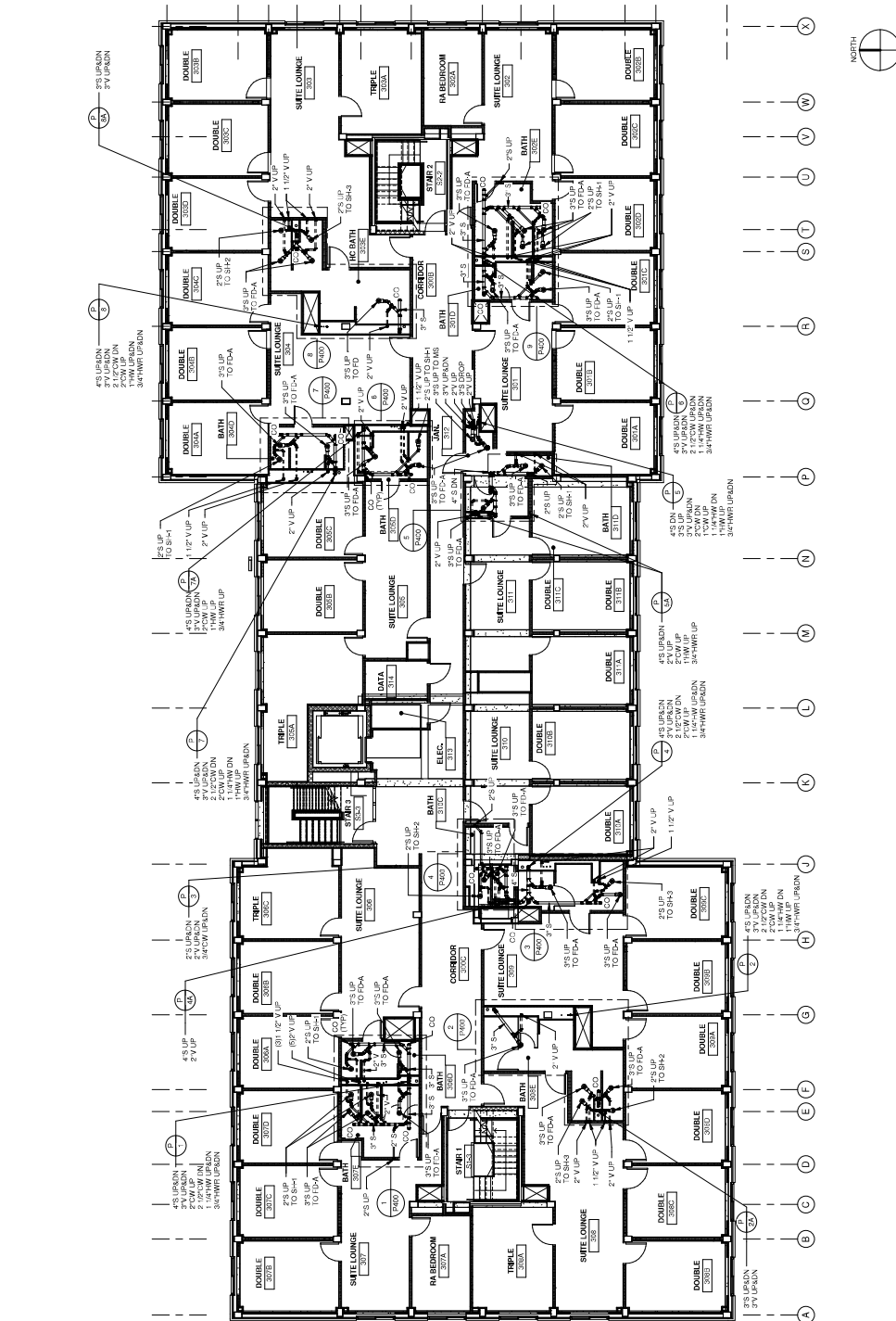
PLUMBING THIRD FLOOR
PLAN (SAN AND VENT
BELOW FLOOR)

Contract No. / Contract No. / Date
 PS CA 85-20-2018
 DASNY Project No. /
 241830
 Date of Signature
 Drawing Number



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

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PLUMBING NOTES

1. IF SIZES OR PIPES ON OTHER DRAWINGS AND/OR SCHEDULES ARE INCONFLICTED OR UNDEFINED, STOP OF THIS SET AND CONTACT THE OWNER AND ARCHITECT.
2. REFER TO THESE DRAWINGS FOR ADDITIONAL PIPE SIZES.
3. REFER TO PLUMBING PART PLAN DRAWINGS FOR ADDITIONAL INFORMATION.

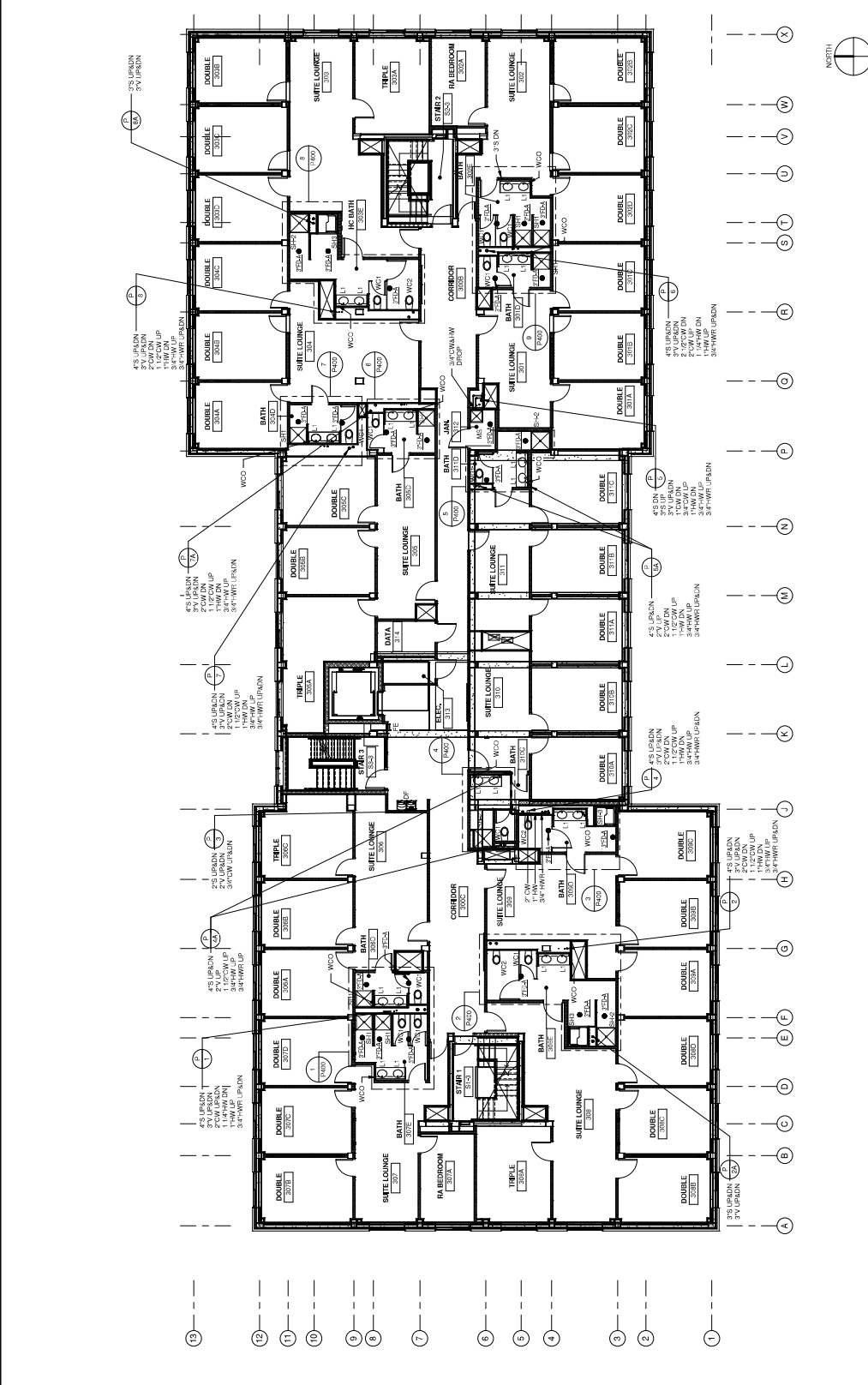
① THIRD FLOOR PLAN (BELOW FLOOR)
 1/8" = 1'-0"



REVISIONS	Date	Description

Contract No. / Contract No. / Date: 8-29-2018
 PS CA
 State & Signature: DASNY Project No. 241830
 Drawing Number: **P203A**
 Scale: 1/8" = 1'-0"

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PLUMBING NOTES

1. REFER TO THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR LOCATIONS OF ALL EXISTING AND PROPOSED PLUMBING FIXTURES AND EQUIPMENT.
2. REFER TO THE MECHANICAL DRAWINGS FOR DETAILS.
3. REFER TO THE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

○ THIRD FLOOR PLAN
 1/8" = 1'-0"



Project Key

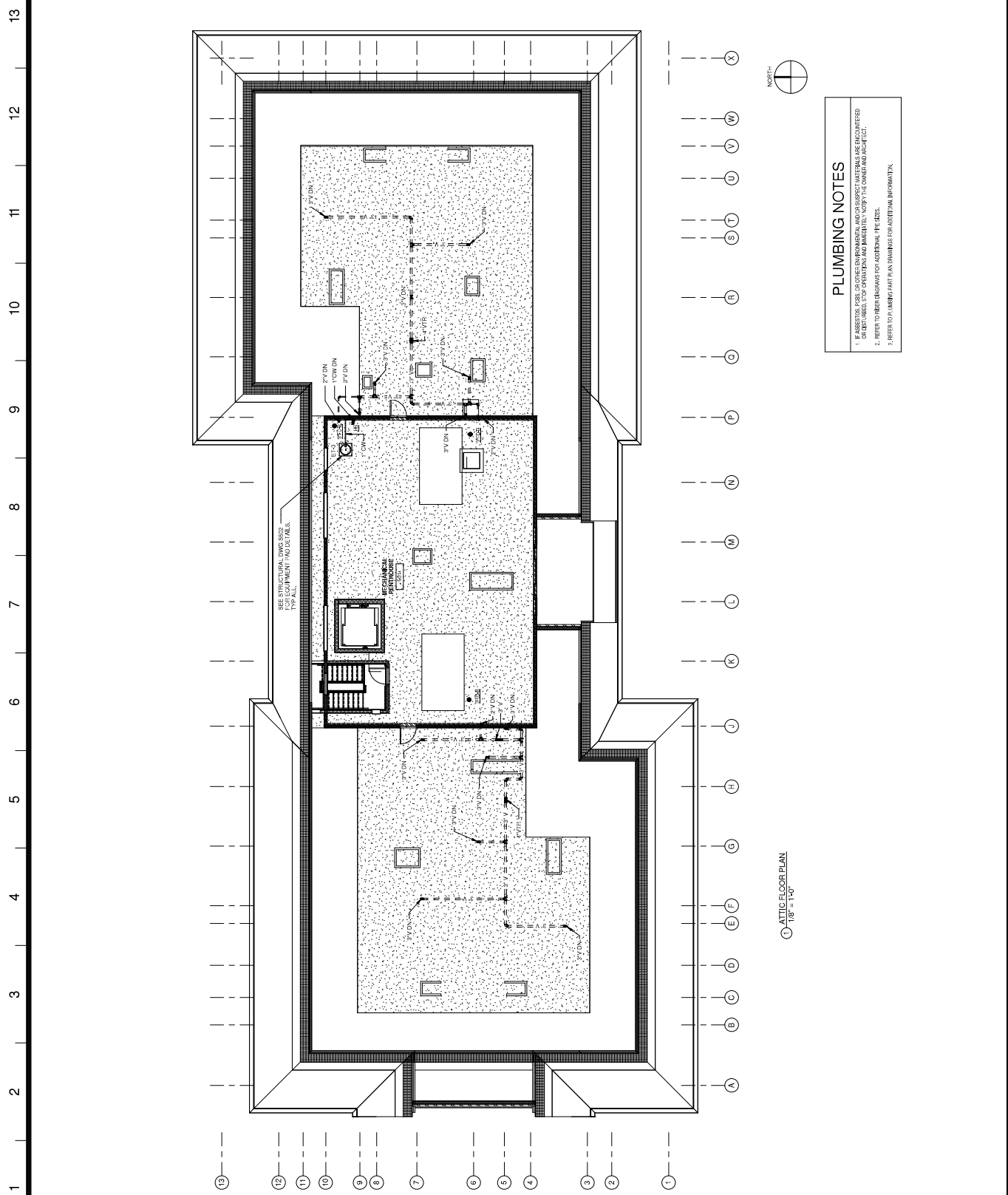
REVISIONS	Description	Date

Project File
 STATE UNIVERSITY OF
 STATE UNIVERSITY OF
 NEW YORK AT NEW
 PALTZ
**DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**
 1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-4243

Phase
 BID DOCUMENTS

PLUMBING ATTIC FLOOR PLAN

Contract No. / University No. / Date: PS / CA 8-29-2018
 DASNY Project No.: 241830
 User's Signature: [Signature]
 Drawing Number: P205



PLUMBING NOTES

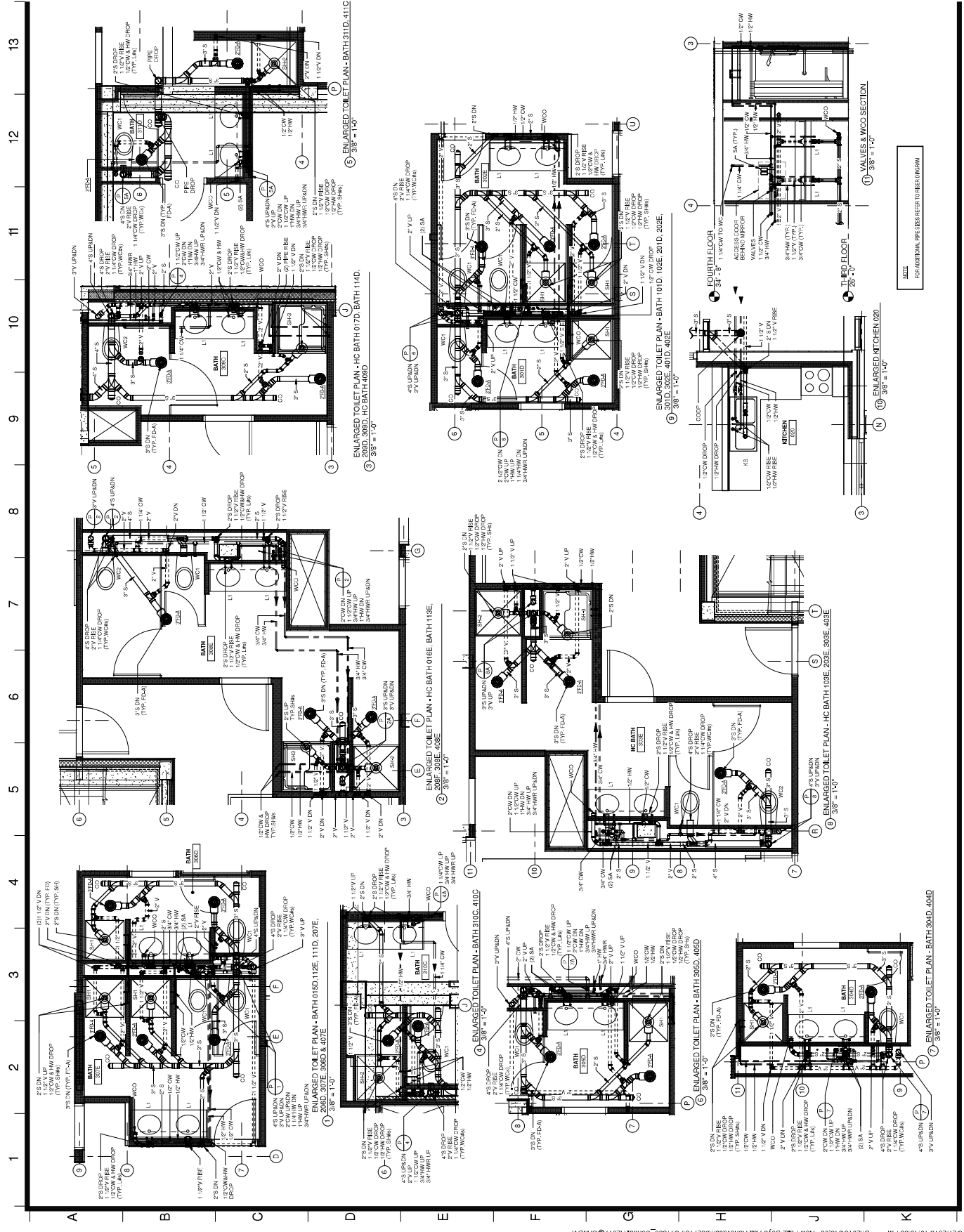
1. IF ASSUMED, PIPE OR FITTING INFORMATION WAS OBTAINED FROM THE ARCHITECT'S DRAWINGS, STOP WORKING AND IMMEDIATELY NOTIFY THE OWNER AND ARCHITECT.
2. REFER TO THESE DRAWINGS FOR ADDITIONAL PIPE SIZES.
3. REFER TO PLUMBING PART PLAN DRAWINGS FOR ADDITIONAL INFORMATION.

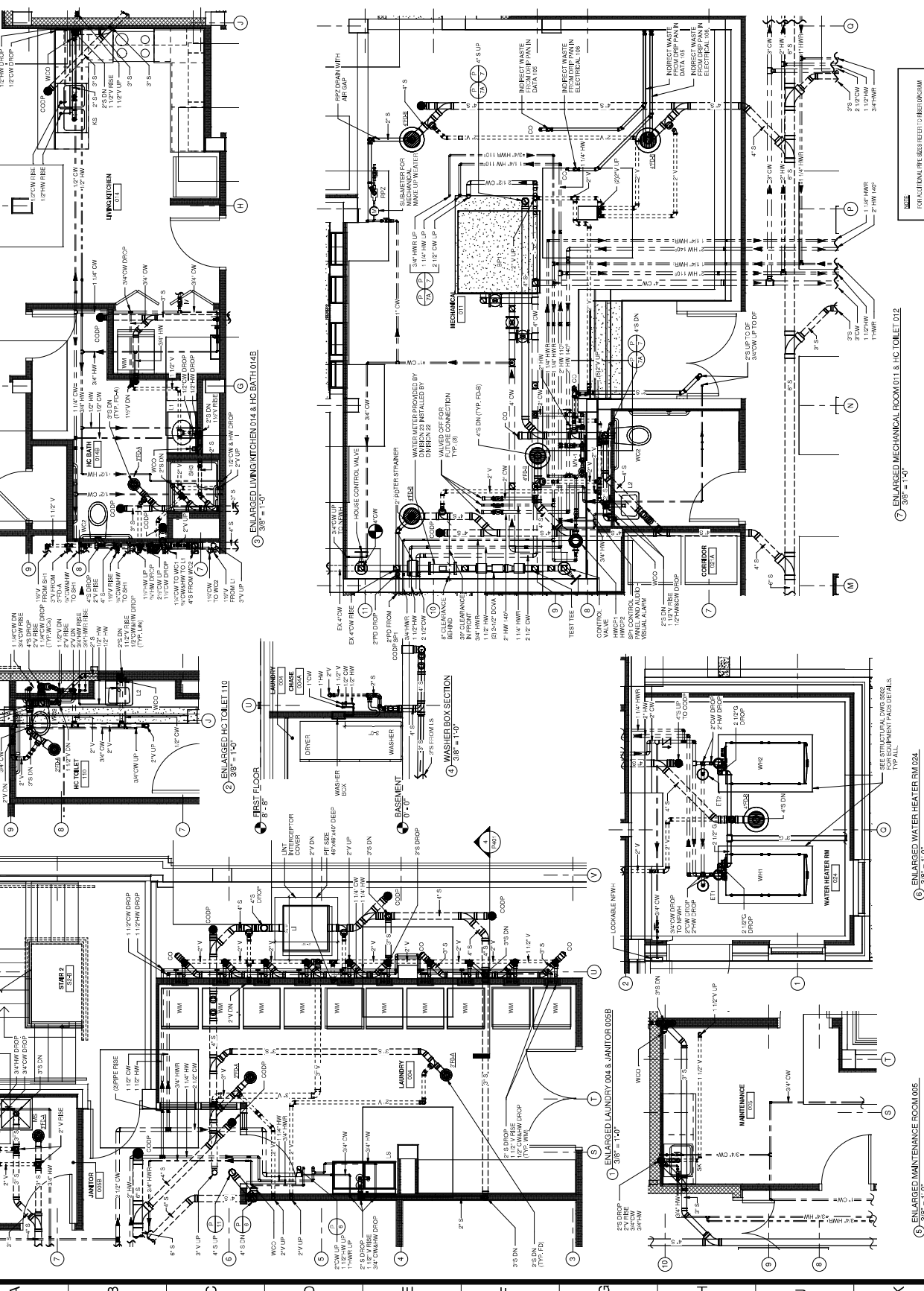


ATTIC FLOOR PLAN
 1/8" = 1'-0"



REVISIONS	Date





NOTE: FOR ADDITIONAL REFERENCES REFER TO STRUCTURAL DRAWING 011.

SEE STRUCTURAL DRAWING 024 FOR EQUIPMENT PANS DET. PALS.

FOR ALL.

1 2 3 4 5 6 7 8 9 10 11 12 13

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INDEX

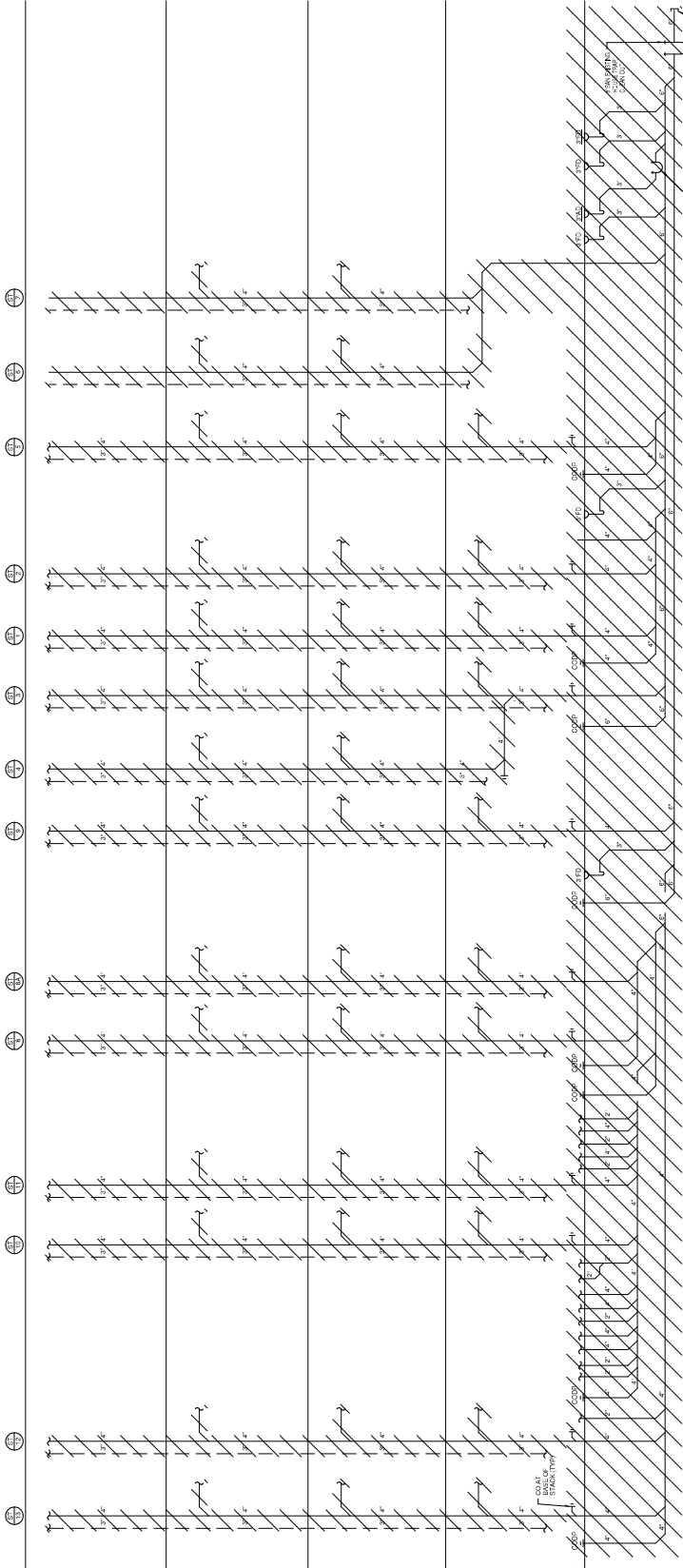
ATTIC

1ST FLOOR

2ND FLOOR

3RD FLOOR

BASEMENT



SANITARY RISER DIAGRAM - DEMOLITION

DASNY
 DEMOLITION AUTHORITY STATE OF NEW YORK
 311 E. 57th Street, 15th Floor, New York, NY 10022-7264
 Tel: 212-312-2000 Fax: 212-312-2001
 2017-2018 Bid Schedule: www.dasny.com

architecturo
 LOMONACO & PITTS
 ARCHITECTS P.C.
 297 RIVER STREET
 IRVING, NY 11780

LAKHANI & JORDAN
 ENGINEERS, P.C.
 115 Middle Avenue, 4th Floor
 Irving, NY 11780
 Tel: 212-338-9629 Fax: 212-338-9630

Project Key

REVISIONS

Revision	Description	Date

Project Title
STATE UNIVERSITY OF
NEW YORK AT NEW
PALTZ
DEYO HALL
REHABILITATION
AND UPPER FLOOR
ADDITION
 1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-4243

Phase
BID DOCUMENTS

SANITARY RISER
DIAGRAM-DEMOLITION

Contract No. / Contract No. / Date: PS / CA / 8-29-2018
 DASNY Project No.: 941830
 DASNY Signature: [Signature]
 Drawing Number: **P500**
 Scale: N.T.S.

DASNY

DURHAM COUNTY AUTHORITY STATE OF NEW YORK

311 S. GARDNER, ALBANY, NEW YORK 12202-7244
914-261-2000 FAX: 914-261-2001
501 S. 5TH ST. SUITE 200, NEW YORK, NY 10014-2101
212-512-2000 FAX: 212-512-2001

architecture
LOMONACO & PITTS
ARCHITECTS P.C.
297 RIVER STREET
IRVING, NY 12780



LAKHANI & JORDAN
ENGINEERS, P.C.
115 Madison Avenue, 10th Floor
New York, NY 10017
Tel: 212-512-9629 Fax: 212-512-9630

Project Key

REVISIONS	Description	Date

Project Title
**STATE UNIVERSITY OF
NEW YORK AT NEW
PALTZ**

**DEYO HALL
REHABILITATION
AND UPPER FLOOR
ADDITION**

1 HAWK DRIVE NEW PALTZ, NEW YORK
12561-4243

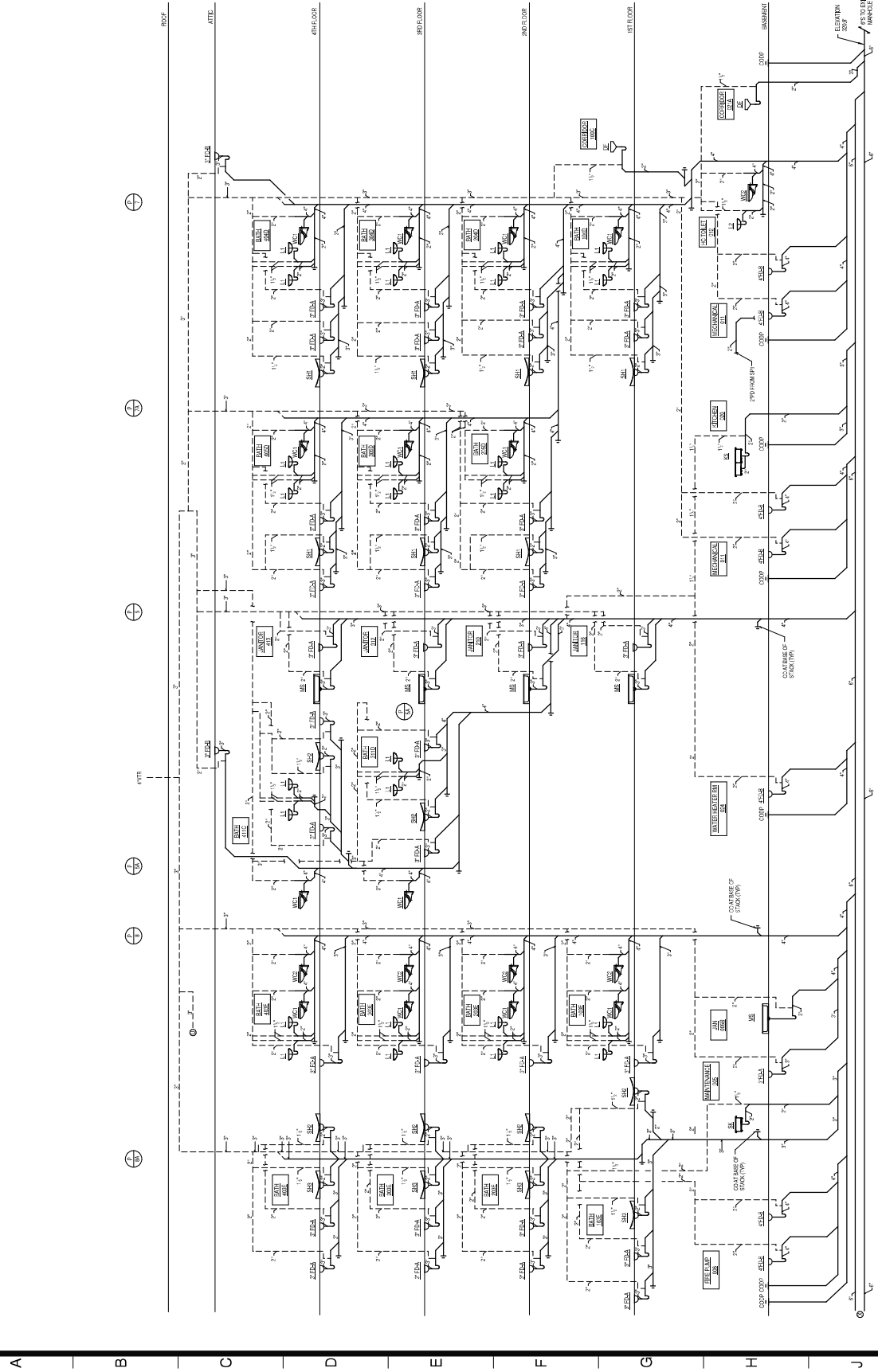
Phase
BID DOCUMENTS

**PLUMBING SANITARY
RISER-1**

Contract No. / University By Date: 8-29-2018
PS CA
User & Signature: DASNY/PLUMBING/AS 241830
Drawing Number:

P510A
Scale: N.T.S.

13 12 11 10 9 8 7 6 5 4 3 2 1



SANITARY RISER DIAGRAM-1



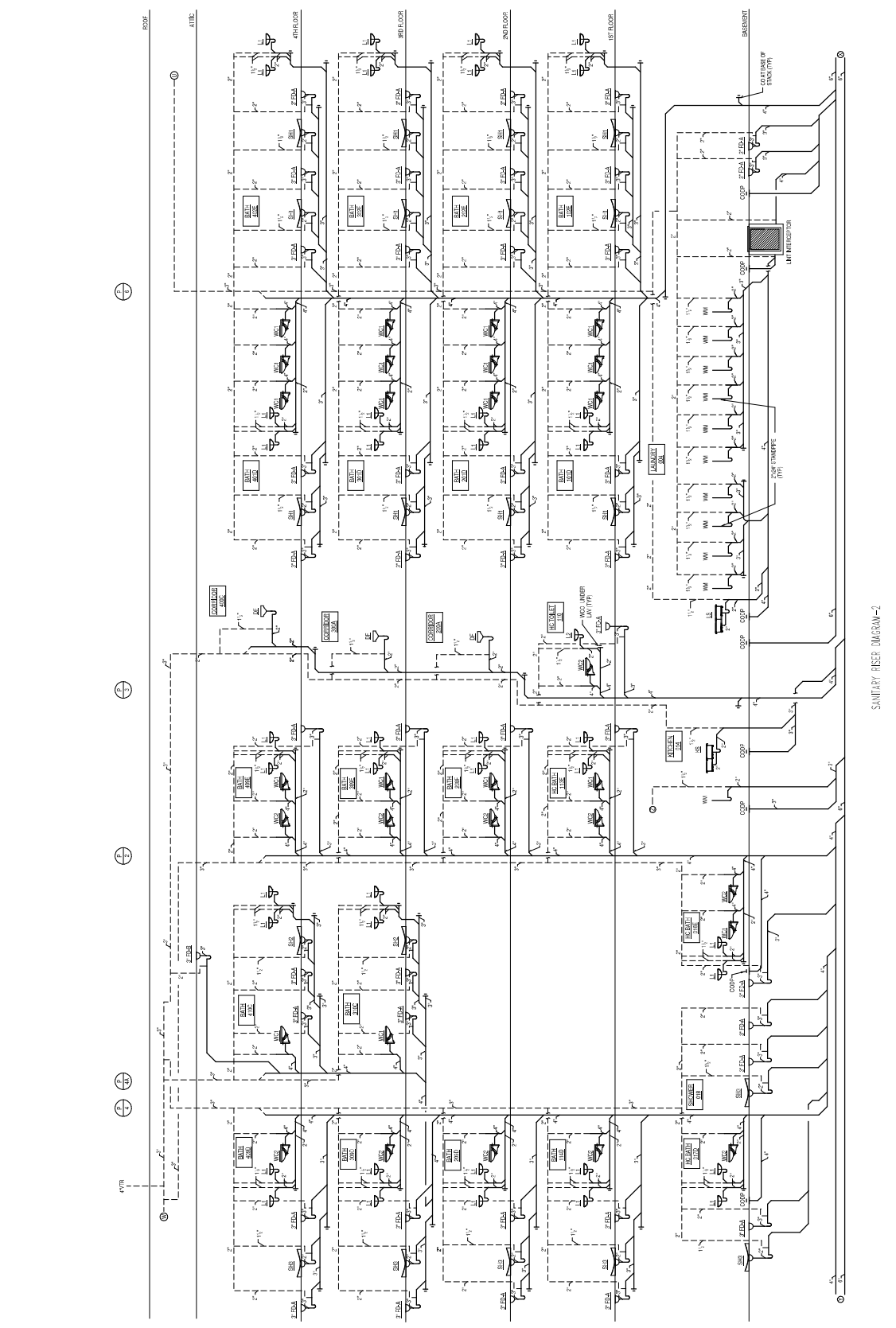
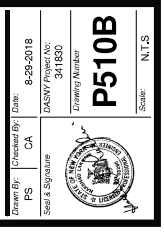
Revisions Key

Revision	Description	Date

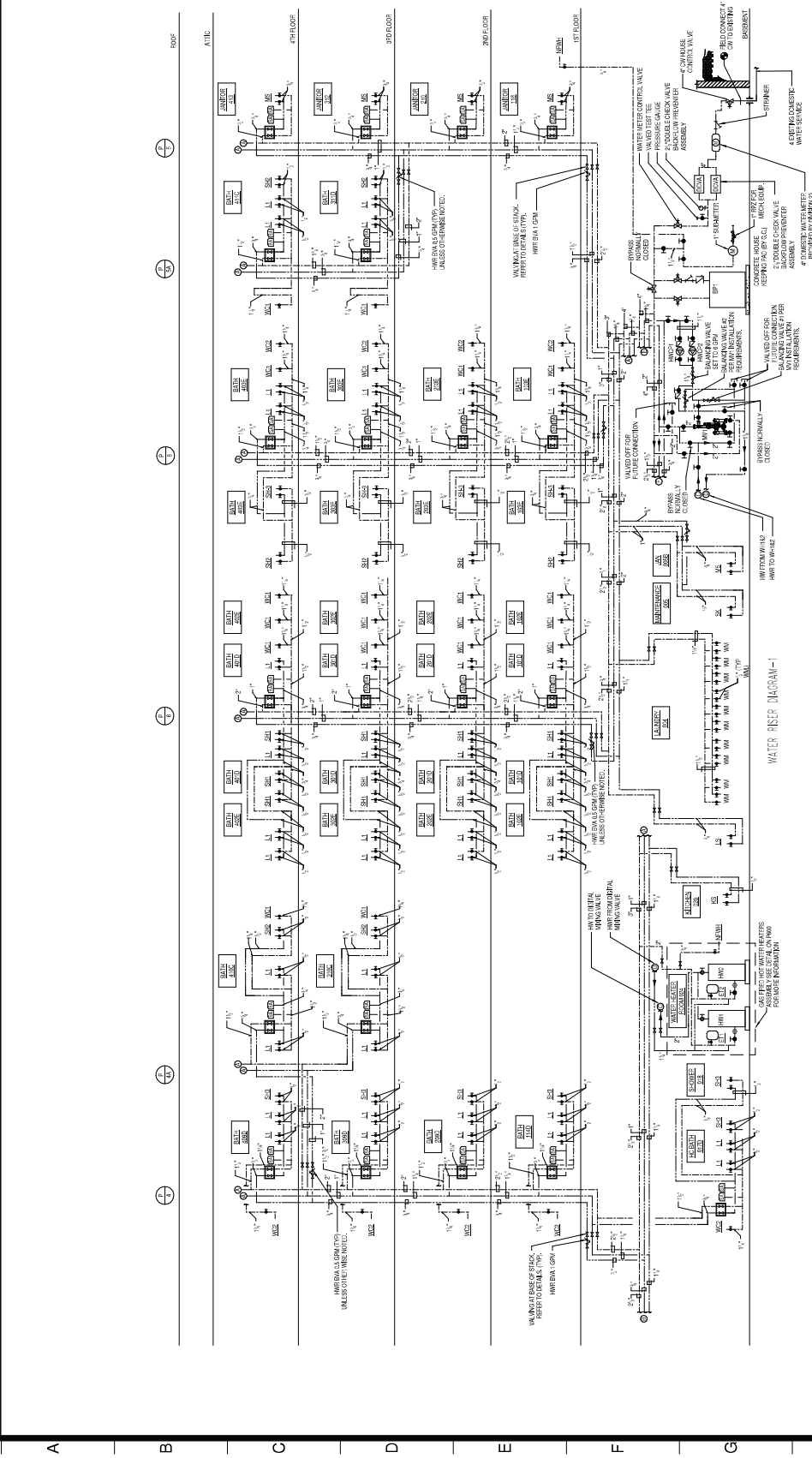
Project Title
 STATE UNIVERSITY OF
 STATE UNIVERSITY OF
 NEW YORK AT NEW
 PALTZ
**DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**
 1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-4243

Phase
 BID DOCUMENTS
**PLUMBING SANITARY
 RISER-2**

Contract No. / University No. / Date: 85-29-2018
 PS / CA
 DASNY Project No.: 241830
 Drawing Number:
P510B
 Scale: N.T.S.



Sanitary Riser Diagram-2

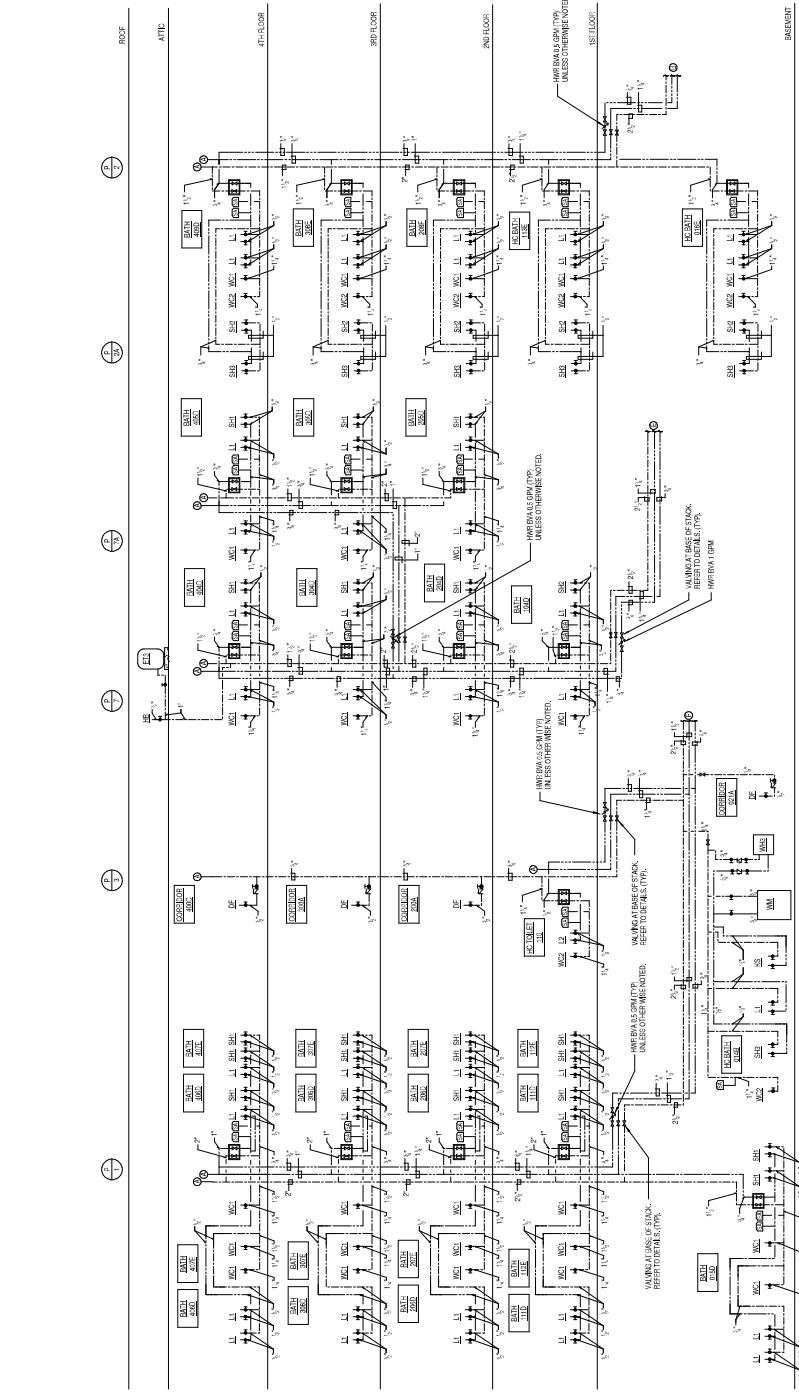


WATER HAMMER ARRESTOR SCHEDULE

SYMBOL	PIPE SIZE	FRONT	BACK	FRONT	BACK	FRONT	BACK
A	3"	3000	3000	3000	3000	3000	3000
B	1"	3000	3000	3000	3000	3000	3000
C	1 1/2"	3000	3000	3000	3000	3000	3000
D	1 1/2"	3000	3000	3000	3000	3000	3000
E	2"	3000	3000	3000	3000	3000	3000

TK, WA - USE RALCO OR GARDNER, WA.
 RALCO - PLUMBING AND HEATING
 GARDNER - PLUMBING AND HEATING
 FIELD WITH APPROVEE.

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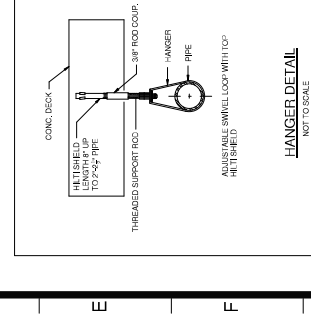
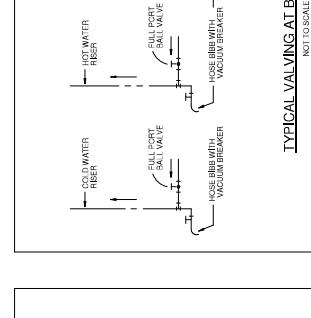
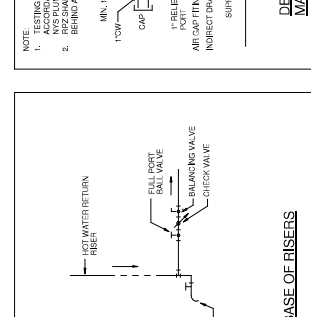
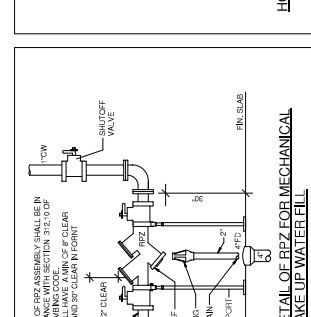
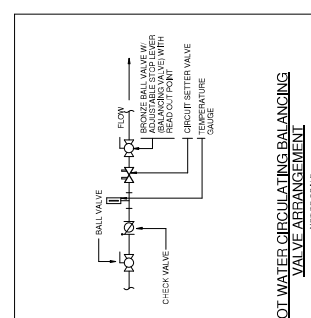
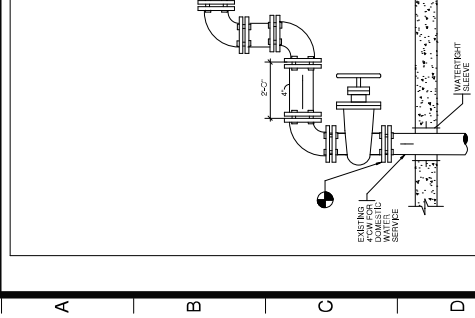
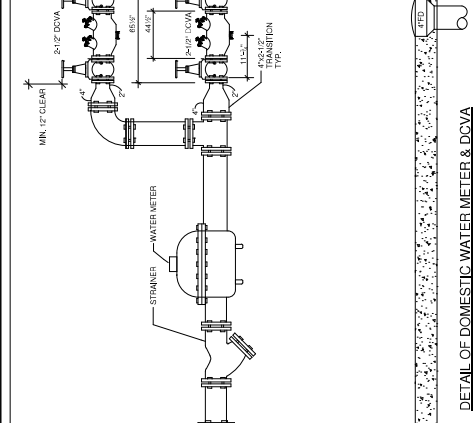
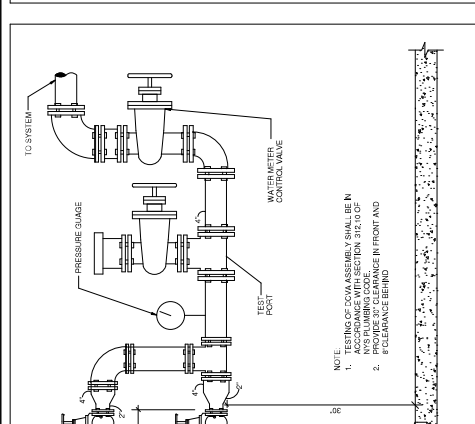
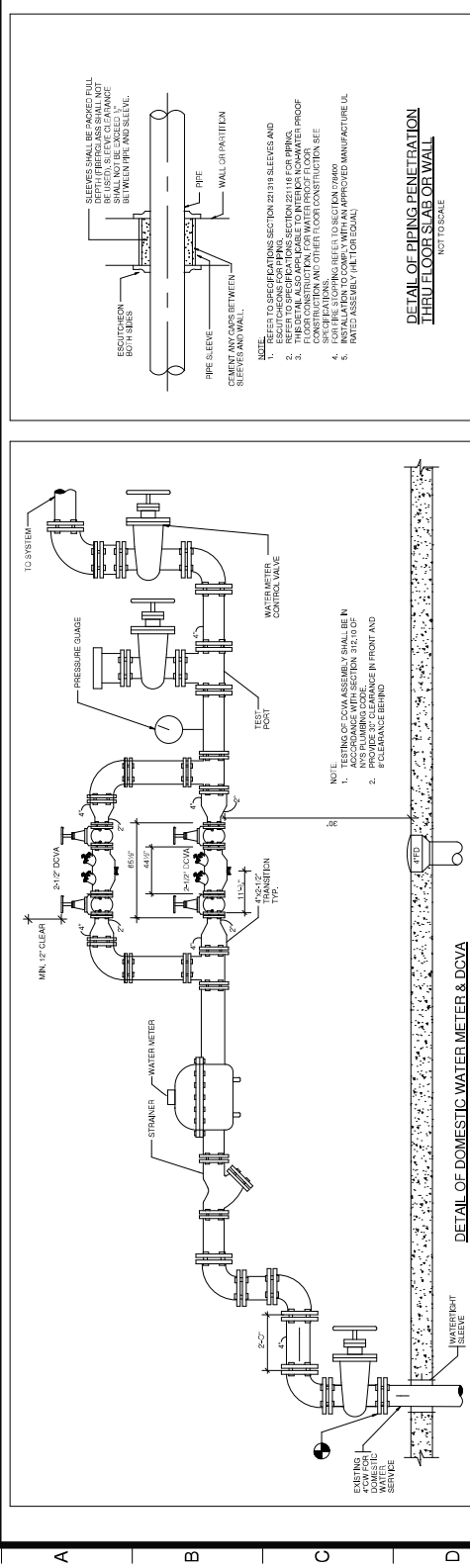
WATER RISER DIAGRAM-2

WATER HAMMER ARRESTOR SCHEDULE

ITEM NO.	PIPE SIZE	FRAMING	OSAM	ZIN	RAMORS
A	1"	5005	EQUAL	EQUAL	STAINLESS STEEL
B	1"	5010	EQUAL	EQUAL	STAINLESS STEEL
C	1 1/2"	5005	EQUAL	EQUAL	STAINLESS STEEL
D	1 1/2"	5005	EQUAL	EQUAL	STAINLESS STEEL
E	2"	5005	EQUAL	EQUAL	STAINLESS STEEL

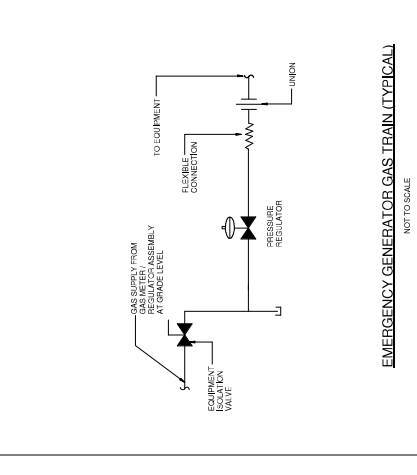
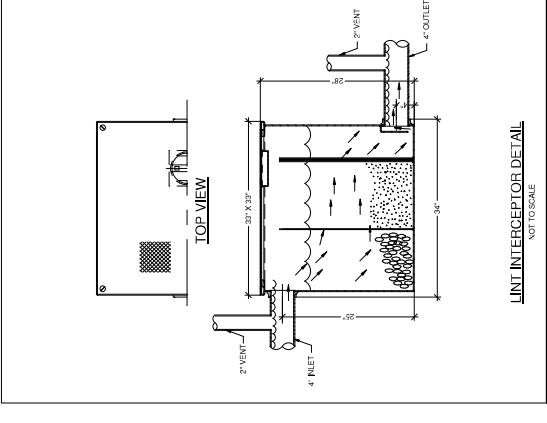
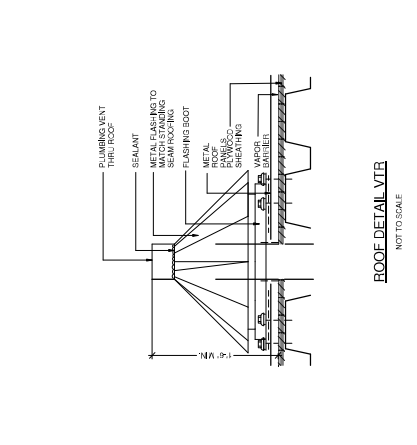
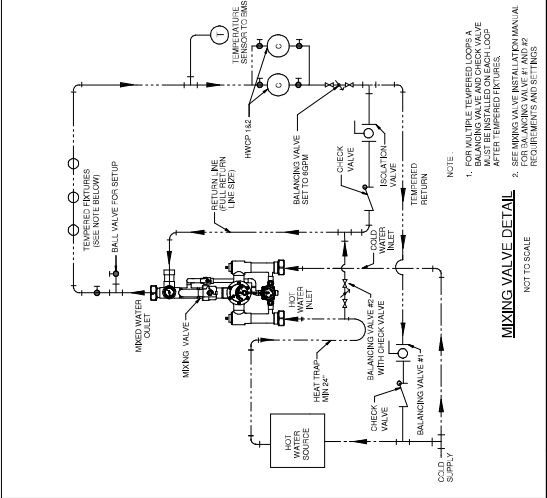
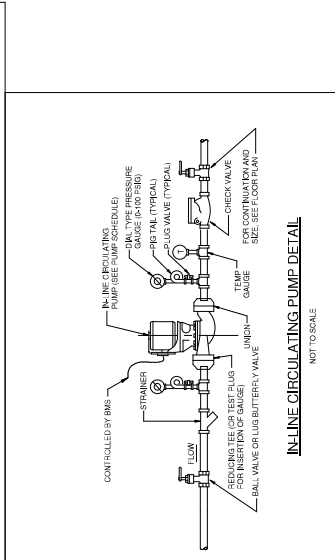
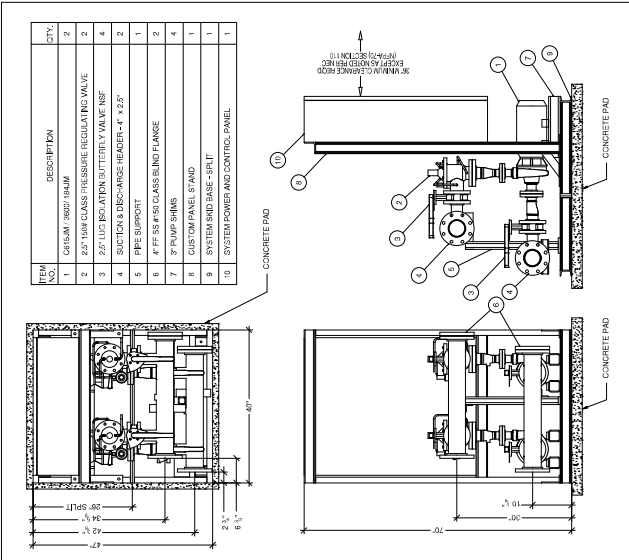
NOTE: - ALL RISERS SHALL BE INSTALLED IN ACCORDANCE WITH THE WATER HAMMER ARRESTOR SCHEDULE. PROVIDE ACCESS TO ALL WATER HAMMER ARRESTOR COORDINATE LOCATION. FIELD WITH ACHT, INC.

1 2 3 4 5 6 7 8 9 10 11 12 13



REVISIONS	Drawn	Checked

1 2 3 4 5 6 7 8 9 10 11 12 13



MECHANICAL EXISTING LINE TYPES CONE-LINE

1" x 1" P	EXISTING SUPPLY AIR DUCTWORK (SEE AS INDICATED)
1" x 1" R	EXISTING RETURN AIR DUCTWORK (SEE AS INDICATED)
1" x 1" P	EXISTING EXHAUST AIR DUCTWORK (SEE AS INDICATED)
1" x 1" R	EXISTING RETURN AIR DUCTWORK (SEE AS INDICATED)
1" x 1" P	EXISTING WATER SUPPLY PIPING (SEE AS INDICATED)
1" x 1" R	EXISTING HOT WATER RETURN PIPING (SEE AS INDICATED)
1" x 1" P	EXISTING HEATING WATER SUPPLY PIPING (SEE AS INDICATED)
1" x 1" R	EXISTING HOT WATER RETURN PIPING (SEE AS INDICATED)
1" x 1" P	EXISTING GLUCOL HEATING WATER SUPPLY PIPING (SEE AS INDICATED)
1" x 1" R	EXISTING GLUCOL HEATING WATER RETURN PIPING (SEE AS INDICATED)
1" x 1" P	EXISTING CHILLED WATER SUPPLY PIPING (SEE AS INDICATED)
1" x 1" R	EXISTING CHILLED WATER RETURN PIPING (SEE AS INDICATED)
1" x 1" P	EXISTING CONDENSATE WATER SUPPLY PIPING (SEE AS INDICATED)
1" x 1" R	EXISTING CONDENSATE WATER RETURN PIPING (SEE AS INDICATED)
1" x 1" P	EXISTING REFRIGERANT SUPPLY LIQUID PIPING (SEE AS INDICATED)
1" x 1" R	EXISTING REFRIGERANT RETURN LIQUID PIPING (SEE AS INDICATED)

MECHANICAL EXISTING LINE TYPES ONE-LINE

1" x 1" P	SUPPLY AIR DUCTWORK (SEE AS INDICATED)
1" x 1" R	RETURN AIR DUCTWORK (SEE AS INDICATED)
1" x 1" P	EXHAUST AIR DUCTWORK (SEE AS INDICATED)
1" x 1" R	RETURN AIR DUCTWORK (SEE AS INDICATED)
1" x 1" P	HEATING WATER SUPPLY PIPING (SEE AS INDICATED)
1" x 1" R	HEATING HOT WATER RETURN PIPING (SEE AS INDICATED)
1" x 1" P	HEATING WATER SUPPLY PIPING (SEE AS INDICATED)
1" x 1" R	HEATING HOT WATER RETURN PIPING (SEE AS INDICATED)
1" x 1" P	GLUCOL HEATING WATER SUPPLY PIPING (SEE AS INDICATED)
1" x 1" R	GLUCOL HEATING WATER RETURN PIPING (SEE AS INDICATED)
1" x 1" P	CHILLED WATER SUPPLY PIPING (SEE AS INDICATED)
1" x 1" R	CHILLED WATER RETURN PIPING (SEE AS INDICATED)
1" x 1" P	HIGH TEMPERATURE HOT WATER SUPPLY PIPING (SEE AS INDICATED)
1" x 1" R	HIGH TEMPERATURE HOT WATER RETURN PIPING (SEE AS INDICATED)
1" x 1" P	CONDENSATE WATER PIPING (SEE AS INDICATED)
1" x 1" R	CONDENSATE WATER PIPING (SEE AS INDICATED)
1" x 1" P	REFRIGERANT SUPPLY (LIQUID) PIPING (SEE AS INDICATED)
1" x 1" R	REFRIGERANT RETURN (LIQUID) PIPING (SEE AS INDICATED)

MECHANICAL REMOVAL LINE TYPES CONE-LINE

1" x 1" P (R)	REMOVE DUCTWORK (SEE AS INDICATED)
1" x 1" P	REMOVE PIPING (SEE AS INDICATED)
1" x 1" R	REMOVE PIPING (SEE AS INDICATED)

MECHANICAL SYMBOLS LEGEND		MECHANICAL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
⊕	CONNECT NEW WORK TO EXISTING	⊕	CONTROL
⊖	POINT OF DISCONNECT	⊖	CONTROL THERMOSTAT
⊕	DUPLICATE	⊖	FREEZE STAT
⊕	DUPLICATE	⊖	HUMIDISTAT
⊕	DIFFUSER TAG	⊖	COMBINATION STARTER
⊕	EXISTING DUCTWORK	⊖	ELECTRIC STARTER
⊕	DECOMMISSIONED DUCTWORK	⊖	FLOW SWITCH
⊕	UNID DUCTWORK	⊖	MANUAL STARTER
⊕	FLEX DUCT CONNECTOR	⊖	PRESSURE SWITCH
⊕	SUPPLY DUCT UP	⊖	START STOP
⊕	SUPPLY DUCT DOWN	⊖	TRIPPER SWITCH
⊕	RETURN DUCT UP	⊖	VARIABLE FREQUENCY DRIVE
⊕	RETURN DUCT DOWN	⊖	REFLOW LIMITER
⊕	EXHAUST DUCT UP	⊖	REVOULTION PER MINUTE
⊕	EXHAUST DUCT DOWN	⊖	DIFFERENTIAL PRESSURE SWITCH
⊕	VOLUME DAMPER		
⊕	DUCT STOP		
⊕	DUCT SILE		
⊕	DIRECTION OF AIR FLOW		
⊕	DECOMMISSIONED SUPPLY DIFFUSER		
⊕	EXISTING SUPPLY DIFFUSER		
⊕	DECOMMISSIONED RETURN DIFFUSER		
⊕	EXIST RETURN DIFFUSER		
⊕	DECOMMISSIONED EXHAUST DIFFUSER		
⊕	EXISTING EXHAUST DIFFUSER		
⊕	TEMPERATURE SENSOR		
⊕	SMOKE DAMPER		
⊕	SMOKE DAMPER		
⊕	SMOKE DAMPER		
⊕	SECURITY BARBER		
	CONTROLS		
⊕	CONTROL CONTACT		
⊕	CONTROL THERMOSTAT		
⊕	FREEZE STAT		
⊕	HUMIDISTAT		
⊕	COMBINATION STARTER		
⊕	ELECTRIC STARTER		
⊕	FLOW SWITCH		
⊕	MANUAL STARTER		
⊕	PRESSURE SWITCH		
⊕	START STOP		
⊕	TRIPPER SWITCH		
⊕	VARIABLE FREQUENCY DRIVE		
⊕	REFLOW LIMITER		
⊕	REVOULTION PER MINUTE		
⊕	DIFFERENTIAL PRESSURE SWITCH		

MECHANICAL SYMBOLS LEGEND

SYMBOL	DESCRIPTION
→	DIRECTION OF FLUID FLOW
⊕	LINE BREAK
⊕	PIPE TO BE CUT FROM BOTTOM
⊕	IN TO RANGE
⊕	OUT OF RANGE
⊕	PIPE CONCENTRIC REDUCER
⊕	PIPE ECCENTRIC REDUCER
⊕	FLEXIBLE CONNECTOR
⊕	FLOOR STAND
⊕	WALL CLEANOUT
⊕	PIPE FLUSH
⊕	PUMP
⊕	BLINDING VALVE
⊕	BALL VALVE
⊕	BUZZER VALVE
⊕	FLOW CONTROL VALVE (FCV)
⊕	CONTROL VALVE (CV)
⊕	PISTON VALVE
⊕	SOLENOID VALVE
⊕	SOLENOID VALVE
⊕	GATE VALVE
⊕	TRIPLE POSITION VALVE
⊕	ISOLATION JUNT
⊕	MANUAL AIR VENT
⊕	PIPE ANCHOR
⊕	PIPE GUYE
⊕	PRESSURE GAUGE
⊕	STRAINER
⊕	STRAINER BALL
⊕	STRAINER GATE
⊕	REGUL VALVE
⊕	REG GATE VALVE
⊕	DOOR WALL VALVE
⊕	DOOR GATE VALVE
⊕	ZHANY CONTROL VALVE
⊕	ZHANY CONTROL VALVE
⊕	ANGLE VALVE
⊕	THEODOLITE
⊕	PIPE UNION

MECHANICAL ABBREVIATIONS

#	NUMBER	MECHANICAL ABBREVIATIONS
AD	ACCESS DOOR	
AF	ABOVE FINISHED FLOOR	
ATC	AUTOMATIC TEMPERATURE CONTROL	
BDU	BUSHING TERMINAL UNIT	
CAP	CAPACITY	
CM	CUBIC FEET PER MINUTE	
CLC	CEILING	
DDC	DIRECT DIGITAL CONTROL	
DN	DOWN	
DWG	DRAWING	
E	EXHUST	
EA	EXHAUST AIR	
EA	ENTERING AIR TEMPERATURE	
EDD	ENTERING DRY-BULB TEMPERATURE	
ELEV	ELEVATION	
ESP	EXTERNAL STATIC PRESSURE	
EWB	ENTERING WET-BULB TEMPERATURE	
EWV	ENTERING WATER TEMPERATURE	
FCV	FLOW CONTROL VALVE	
F	FLOOR	
FS	FLOW SWITCH	
FT	FEET OR FOOT	
GA	GAUGE OR GAGE	
GALLON	GALLON	
GPM	GALONS PER MINUTE	
H	HALL	
IP	INCHES PER HOUR	
IP	HORSEPOWER	
LAT	LEAVING AIR TEMPERATURE	
LEAR	LOADS PER HOUR	
LEB	LEAVING DRY-BULB TEMPERATURE	
LF	LINEAR FEET OR FOOT	
LWB	LEAVING WATER TEMPERATURE	
LWT	LEAVING WET-BULB TEMPERATURE	
MAN	MANUAL	
MFL	MULTIFUNCTION FLOOR	
MFR	MANUFACTURER	
MTD	MOUNTED	
IK	NOT APPLICABLE	
NC	NORMALLY CLOSED	
NO	NORMALLY OPEN	
OS	OUTSIDE AIR	
OS	OUTSIDE AIR/MAKE	
OC	ON CENTER	
PP	PRESSURE DROP	
RA	RETURN AIR	
RH	RELATIVE HUMIDITY	
SA	SQUARE FEET OR SQUARE FOOT	
SP	STATIC PRESSURE	
TYP	TYPICAL	
VAV	VARIABLE AIR VOLUME	
VFD	VARIABLE FREQUENCY DRIVE	

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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL
REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-3443

LEGEND, ABBREVIATIONS AND SYMBOLS

Project No. 2017-0100
Scale: 1/2" = 1'-0"

DATE: 8-28-2018
DRAWN BY: J. SPINALE
CHECKED BY: J. SPINALE

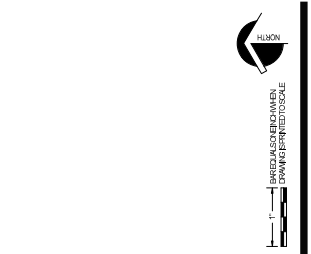
M001
Drawing Number

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DASNY
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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL
REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-3443

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ALBANY, NEW YORK 12205



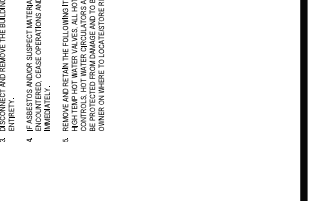
KEYED NOTES

- DISCONNECT AND REMOVE HOT WATER HEATER, PIPING AND ACCESSORIES.
- DISCONNECT AND REMOVE HOT WATER PIPING.
- DISCONNECT AND REMOVE DUCTWORK AND ACCESSORIES.
- DISCONNECT AND REMOVE CABINET LIFT HEATER, PIPING AND ACCESSORIES.
- DISCONNECT AND REMOVE ELECTRIC WALL HEATER, SHOWN OFFSET FROM WALL FOR CLARITY.
- DISCONNECT AND REMOVE SUSPECT MATERIALS TO BE MAINTAINED OVER TO THE OWNER.

GENERAL NOTES

- ALL EXISTING MATERIALS TO BE REMOVED SHALL BE QUANTIFIED AND REMOVED TO THE APPROPRIATE DISPOSAL SITE. ALL REMOVAL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND PERMITS.
- ALL EXISTING DUCTWORK HAS NOT BEEN SHOWN FOR CLARITY. DISCONNECT AND REMOVE ALL DUCTWORK IN BALLOON, UNLESS OTHERWISE NOTED.
- DISCONNECT AND REMOVE THE BALLOON TOPS IF THEY ARE CONTROL SYSTEMS.
- IF ASBESTOS AND/OR SUSPECT MATERIALS ARE DETECTED AND/OR INDICATED, CEASE OPERATIONS AND NOTIFY OWNERS REPRESENTATIVE IMMEDIATELY.
- REMOVE MATERIALS FROM THE FOLLOWING ITEMS TO BE MAINTAINED OVER TO THE OWNER:
 - HEAVY DUTY WATER VALVES, ALL POT WATER TANKS, ALL PNEUMATIC WATER TANKS, ALL WATER TREATMENT EQUIPMENT, ALL WATER TREATMENT EQUIPMENT TO BE PROTECTED FROM DAMAGE AND TO BE MAINTAINED AS IS. COORDINATE WITH OWNER ON WHERE TO LOCATE STORE REMOVED EQUIPMENT.

1 FIRST FLOOR REMOVAL PLAN
 SCALE: 1/8" = 1'-0"



Project Key

REVISIONS	Description	Date

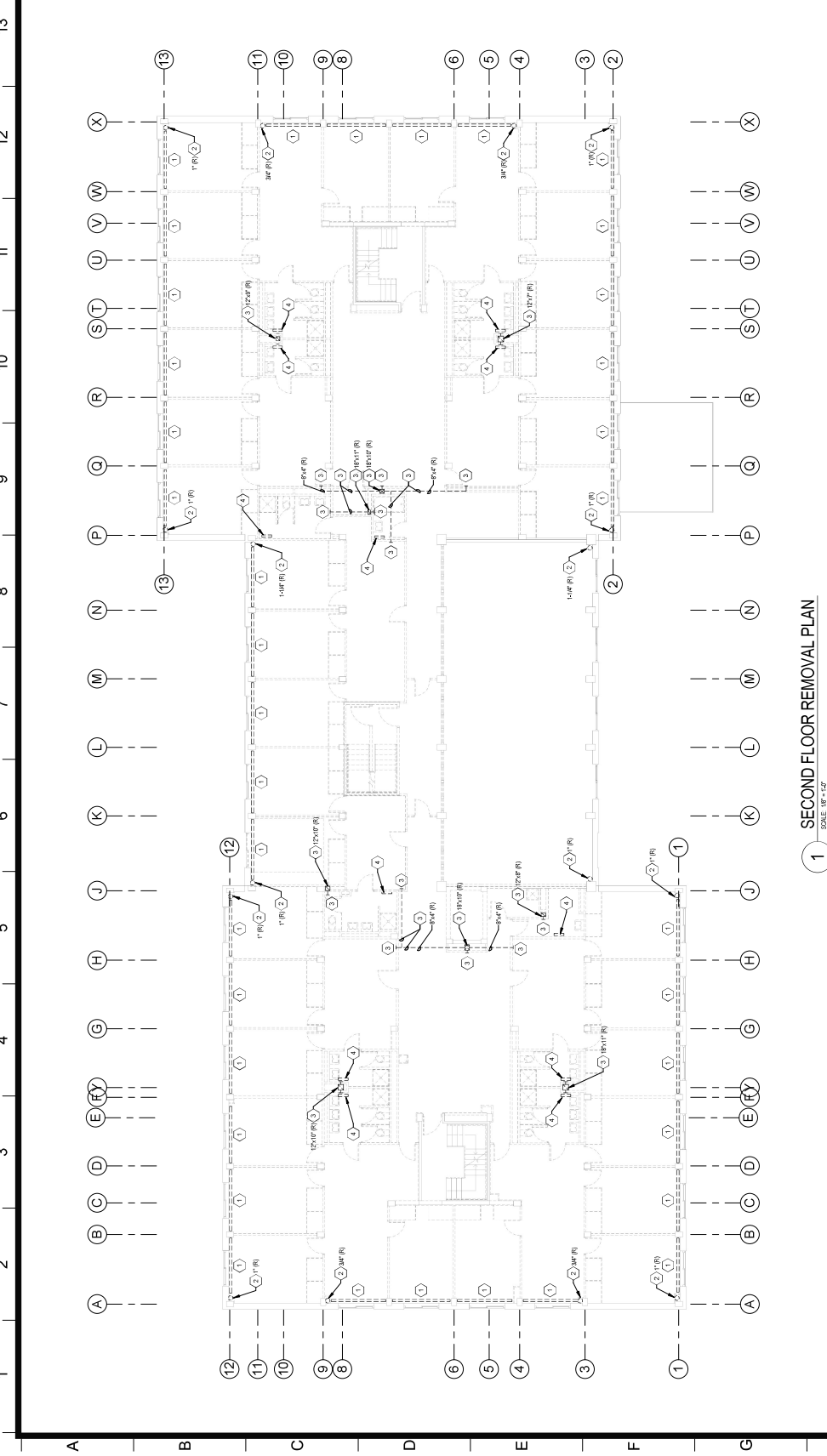
Project Title
**STATE UNIVERSITY OF
 SUNY AT NEW
 PALZ
 DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION
 1 HANK DRIVE NEW PALZ, NEW YORK
 12561-3443**

Phase
 BID DOCUMENTS

**SECOND FLOOR REMOVAL
 PLAN**

Drawing No. 3411830
 Date 8-28-2018
 Scale 1/8" = 1'-0"

M103



1 SECOND FLOOR REMOVAL PLAN
 SCALE: 1/8" = 1'-0"

GENERAL NOTES

- ALL EXISTING ELECTRICAL WATER PIPING HAS NOT BEEN SHOWN FOR SPACING CLARITY. DISCONNECT AND REMOVE ALL HEATING HOT WATER PIPING IN BUILDING.
- ALL EXISTING DUCTWORK HAS NOT BEEN SHOWN FOR SPACING CLARITY. DISCONNECT AND REMOVE ALL DUCTWORK IN BUILDING UNLESS OTHERWISE INDICATED.
- DISCONNECT AND REMOVE THE BUILDING'S TEMPERATURE CONTROL SYSTEMS ENTIRELY.
- IF ASBESTOS AND/OR SUSPECT MATERIALS ARE DETECTED AND/OR INDICATED, STOP WORK IMMEDIATELY. CONSULT WITH AN ASBESTOS CONSULTANT AND NOTIFY OWNERS REPRESENTATIVE IMMEDIATELY.
- REMOVE AND RETAIN THE FOLLOWING ITEMS TO BE HANDLED OVER TO THE OWNER:
 - HOT TAP HOT WATER VALVES
 - ALL HOT WATER PIPING, ALL PRESSURIZED PIPING TO BE PROTECTED FROM DAMAGE AND TO BE IN WORKING ORDER. COORDINATE WITH OWNER ON WHERE TO LOCATE STORED EQUIPMENT.

KEYED NOTES

- DISCONNECT AND REMOVE HOT WATER RADIATION PIPING AND ACCESSORIES.
- DISCONNECT AND REMOVE HOT WATER PIPING - RISER.
- DISCONNECT AND REMOVE ELECTRIC WORK AND ACCESSORIES.
- DISCONNECT AND REMOVE ELECTRIC WALL HEATER, SHOWN OFFSET FOR CLARITY.

Project Key

REVISIONS	Description	Date

Phase
 BID DOCUMENTS

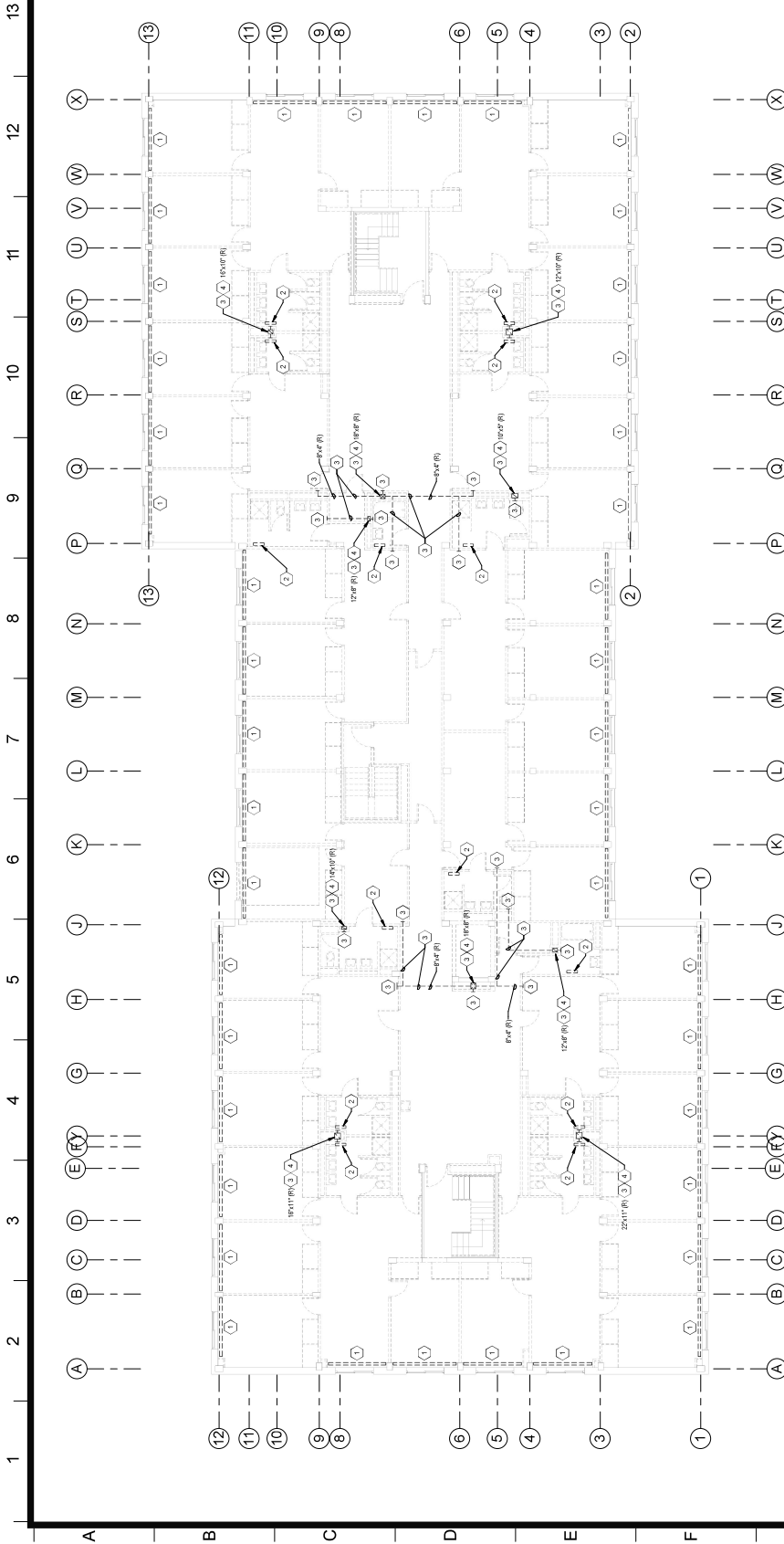
**SECOND FLOOR REMOVAL
 PLAN**

Drawing No. 3411830
 Date 8-28-2018
 Scale 1/8" = 1'-0"

M103



1 SECOND FLOOR REMOVAL PLAN
 SCALE: 1/8" = 1'-0"



1 THIRD FLOOR REMOVAL PLAN

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

GENERAL NOTES

1. VERIFY ALL REMOVAL AREAS AND MATERIALS TO BE REMOVED WITH THE ARCHITECT. CLARIFY, DISCONNECT AND REMOVE ALL HEATING AND HOT WATER PIPING IN BUILDINGS. DISCONNECT AND REMOVE ALL ELECTRICAL IN BUILDINGS UNLESS OTHERWISE INDICATED.
2. DISCONNECT AND REMOVE THE BUILDING'S TEMPERATURE CONTROL SYSTEMS ITS EQUIPMENT. CEASE OPERATIONS AND NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
3. REMOVE AND OBTAIN THE FOLLOWING ITEMS TO BE HANDLED CAREFULLY TO THE OWNER: HOT TAP HOT WATER VALVES, ALL HOT WATER PIPES, ALL PNEUMATICALLY OPERATED EQUIPMENT, AND TO BE IN WORKING ORDER. COORDINATE WITH OWNER ON WHERE TO LOCATE STORED REMOVED EQUIPMENT.

KEYED NOTES

1. DISCONNECT AND REMOVE HOT WATER RADIATION, PIPING AND ACCESSORIES.
2. DISCONNECT AND REMOVE ELECTRIC WALL HEATER, SHOWN OFFSET FOR CLARITY.
3. DISCONNECT AND REMOVE ELECTRICAL AND ACCESSORIES.
4. DISCONNECT AND REMOVE ROOF EXHAUST FAN AND ACCESSORIES ON ROOF ASIDE.



Revision	Description	Date

STATE UNIVERSITY OF
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**DEYO HALL
REHABILITATION
AND UPPER FLOOR
ADDITION**
1 HANK DRIVE NEW PALZ, NEW YORK
12561-2443

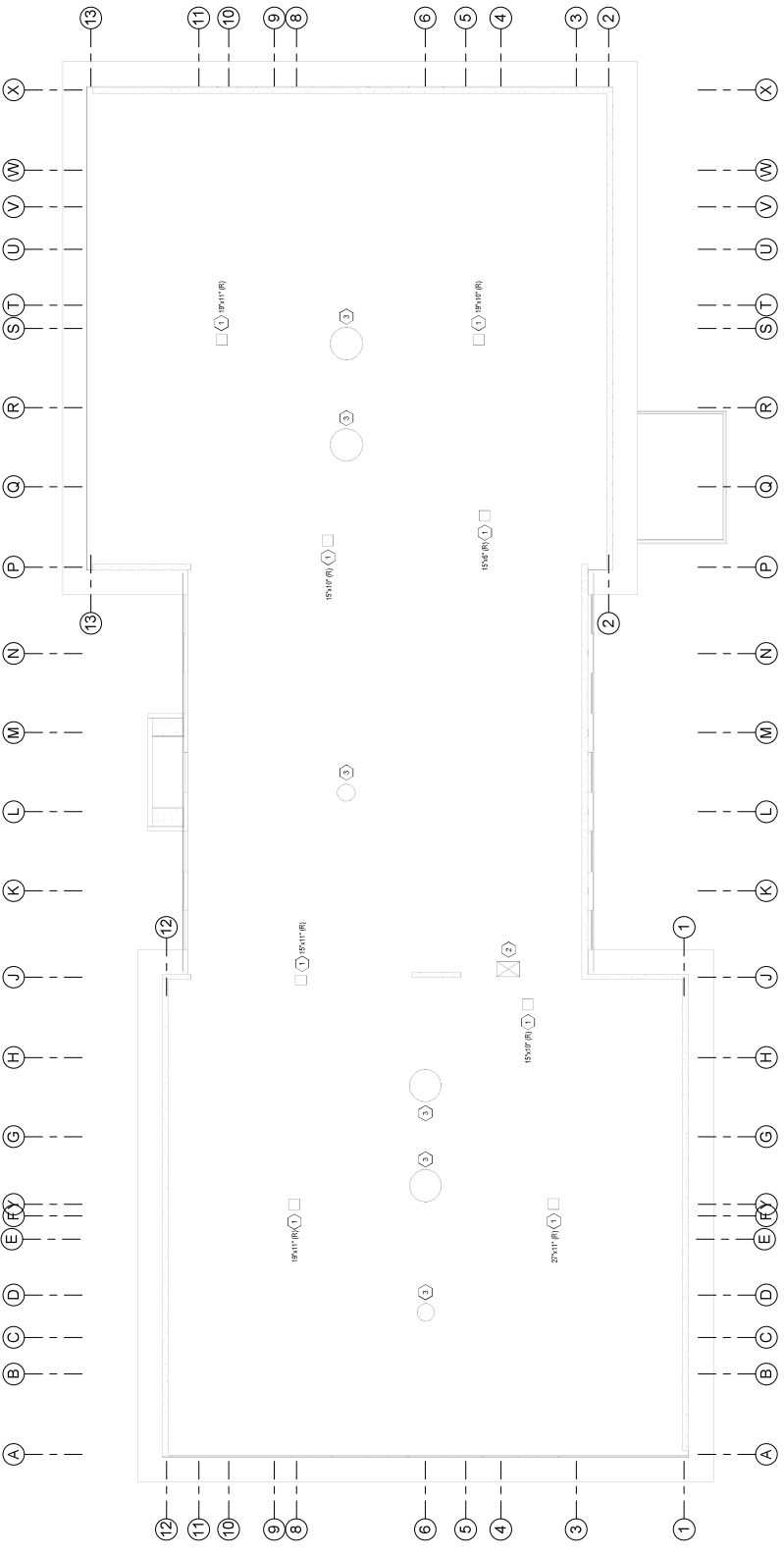
BID DOCUMENTS

ROOF REMOVAL PLAN

Drawing No. **M105**
Drawing Title
Scale
Scale: 1/8" = 1'-0"



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12
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1



1 ROOF REMOVAL PLAN
SCALE: 1/8" = 1'-0"

KEYED NOTES

- 1. REMOVE ALL EXISTING ROOF MATERIAL, INSULATION, AND ALL OTHER ITEMS TO BE DEMOLISHED. CEASE OPERATIONS AND NOTIFY OWNER REPRESENTATIVE IMMEDIATELY.
- 2. REMOVE AND REPAIR THE FOLLOWING ITEMS TO BE HANDED OVER TO THE OWNER. CONTROL, HOT WATER DRUM, ALLOYS AND AIR COMPRESSOR. ALL EQUIPMENT TO BE HANDED OVER TO THE OWNER. COORDINATE WITH OWNER ON WHERE TO LOCATE REPAIRS EQUIPMENT.
- 3. EXISTING ROOF HATCH. SEE DEMOLITION DRAWINGS.

GENERAL NOTES

- 1. THE EXISTING ROOF HATCH MATERIAL, INSULATION, AND ALL OTHER ITEMS TO BE DEMOLISHED. CEASE OPERATIONS AND NOTIFY OWNER REPRESENTATIVE IMMEDIATELY.
- 2. REMOVE AND REPAIR THE FOLLOWING ITEMS TO BE HANDED OVER TO THE OWNER. CONTROL, HOT WATER DRUM, ALLOYS AND AIR COMPRESSOR. ALL EQUIPMENT TO BE HANDED OVER TO THE OWNER. COORDINATE WITH OWNER ON WHERE TO LOCATE REPAIRS EQUIPMENT.





Project Key

REVISIONS

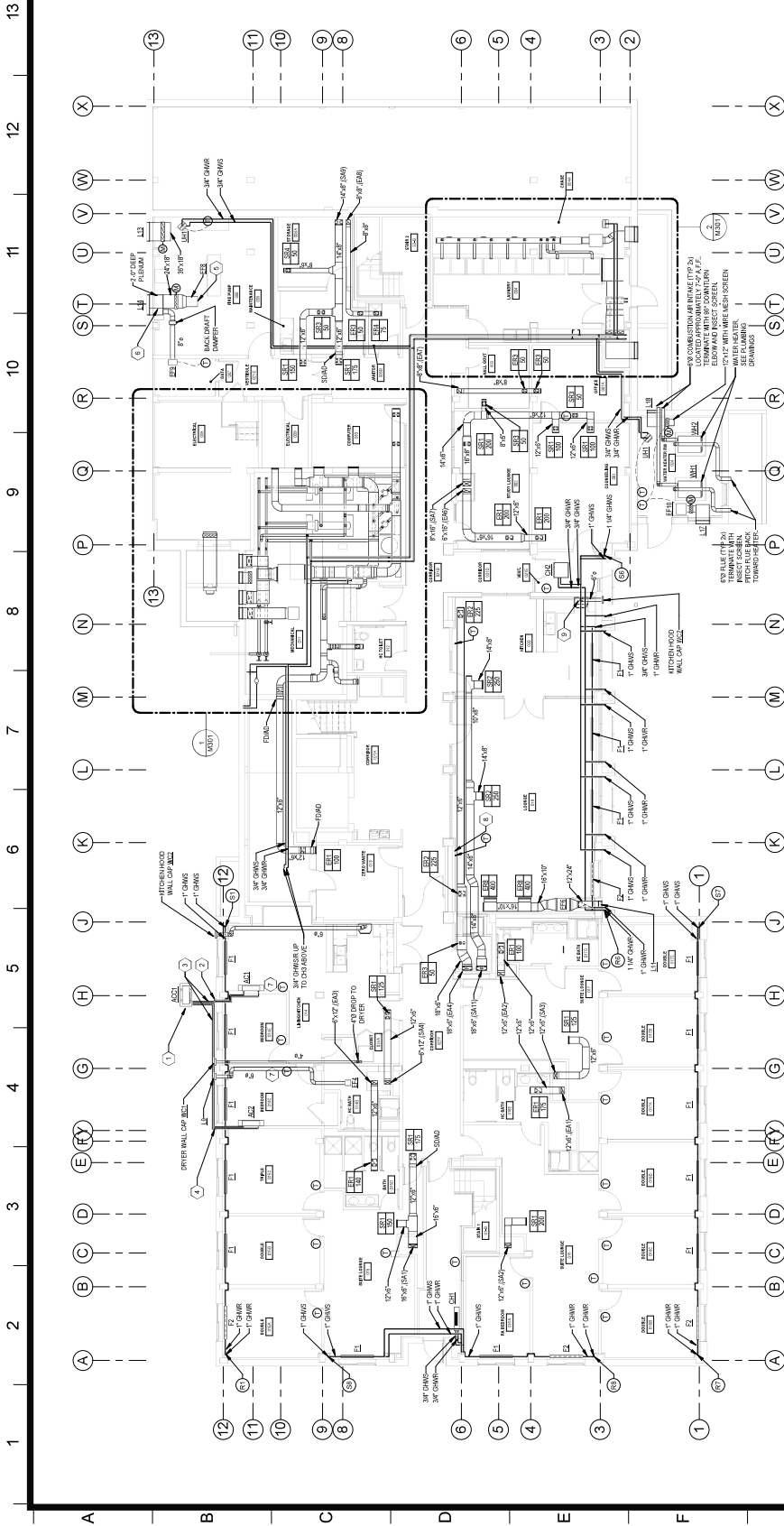
Revision	Description	Date

STATE UNIVERSITY OF
 NEW YORK AT NEW
 PALTZ
**DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**
 1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-5443

BID DOCUMENTS

BASEMENT DUCTWORK AND PIPING PLAN

Drawn By: [Blank] Checked By: DMW
 Date: 8-28-2018
 Scale: AS SHOWN
 Drawing Number: 241830



GENERAL NOTES

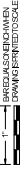
1. REFER TO A DRAWINGS FOR CEILING AND SOFFIT COORDINATION.

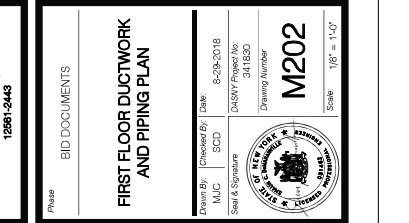
KEYED NOTES

1. PACKAGED CONDENSING UNIT IN ENCLOSURE. SEE SPLIT SYSTEM SCHEDULE FOR UNIT SPECIFICATIONS. UNIT SHALL BE SUPPLIED WITH CONDENSING UNIT. KEEP REFRIGERATION PIPING TIGHT TO BUILDING.
2. PROVIDE 1/2" THICK POLYURETHANE INSULATION WITH 1/2" AIR SPACE TO EXTERIOR WALL. INSULATION AND PROTECTIVE SCREEN, PROVIDE MIN. SPASH BLOCK AT DUMP PUMP. REFER TO DETAILS FOR SCREEN.
3. INSULATE 3/4" CONDENSING COILS. USE REPRESENTATIVE INSULATION SET FROM ROOMS UNIT (UNITS SEE S&C) TO ASSES.
4. 3/4" CONDENSING COIL LINE FROM PACKAGING UNIT. DROP IN CHASE AT EXTERIOR WALL TO 2" DRAIN BRASS AND PERFORM SLOPE. EXTERIOR WALL. THEN COVER WALL TO 2" DRAIN BRASS AND PERFORM SLOPE. REFER TO DETAILS FOR SUPPORTS.
5. FINISH WITH WIRE MESH SCREEN.
6. PROVIDE SAMPLE TO SEPARATE FLEET INTO TWO SECTIONS. ONE AT 18" H₂O AND ONE AT 12" H₂O.
7. PROVIDE MIN. 1/2" MANUFACTURED WALL. SLOPE, CONTROL, WINDS, CONDUIT AND 1/2" INSULATION. REFER TO DETAILS FOR WALL AND FLOOR FINISHES.
8. LOCATE FLOOR WALL AND INTERFERE FROM POSITION OF THE CEILING. REFER TO PLACEMENT ON WALL NEXT TO FLOOR WALL SWITCH THAT TRIGGERS OPEN WINDOWS WHEN FAN OPERATIONAL.
9. BALANCE THE INTERFERED DUCTWORK FROM THROUGH THE FAN SPEED. CONSIDER TO PROVIDE FOR FAN SPEED ADJUSTMENT.

1 BASEMENT DUCTWORK AND PIPING PLAN

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





GENERAL NOTES

- REFER TO A DRAWING FOR CEILING AND JOIST COORDINATION.

KEYED NOTES

- FLOORING LOCATED AT BOTTOM OF SWAIFT ON THE FLOOR.
- FINISH FLOOR AND PIPING REFER TO EXISTING ENCLOSURE.
- PROTECT THE EXISTING FLOORING, OR LAY OUT ONE OR MORE FLOOR LEVELS AS CLOSE TO THE FLOOR LEVEL AS POSSIBLE AND LOCATE ONE OR MORE GRILLS AS CLOSE TO CEILING AS POSSIBLE.

GENERAL NOTES

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KEYED NOTES

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- FLOORING LOCATED AT BOTTOM OF SWAIFT ON THE FLOOR.
- FINISH FLOOR AND PIPING REFER TO EXISTING ENCLOSURE.
- PROTECT THE EXISTING FLOORING, OR LAY OUT ONE OR MORE FLOOR LEVELS AS CLOSE TO THE FLOOR LEVEL AS POSSIBLE AND LOCATE ONE OR MORE GRILLS AS CLOSE TO CEILING AS POSSIBLE.

GENERAL NOTES

- REFER TO A DRAWING FOR CEILING AND JOIST COORDINATION.

KEYED NOTES

- FLOORING LOCATED AT BOTTOM OF SWAIFT ON THE FLOOR.
- FINISH FLOOR AND PIPING REFER TO EXISTING ENCLOSURE.
- PROTECT THE EXISTING FLOORING, OR LAY OUT ONE OR MORE FLOOR LEVELS AS CLOSE TO THE FLOOR LEVEL AS POSSIBLE AND LOCATE ONE OR MORE GRILLS AS CLOSE TO CEILING AS POSSIBLE.

GENERAL NOTES

- REFER TO A DRAWING FOR CEILING AND JOIST COORDINATION.

KEYED NOTES

- FLOORING LOCATED AT BOTTOM OF SWAIFT ON THE FLOOR.
- FINISH FLOOR AND PIPING REFER TO EXISTING ENCLOSURE.
- PROTECT THE EXISTING FLOORING, OR LAY OUT ONE OR MORE FLOOR LEVELS AS CLOSE TO THE FLOOR LEVEL AS POSSIBLE AND LOCATE ONE OR MORE GRILLS AS CLOSE TO CEILING AS POSSIBLE.

GENERAL NOTES

- REFER TO A DRAWING FOR CEILING AND JOIST COORDINATION.

KEYED NOTES

- FLOORING LOCATED AT BOTTOM OF SWAIFT ON THE FLOOR.
- FINISH FLOOR AND PIPING REFER TO EXISTING ENCLOSURE.
- PROTECT THE EXISTING FLOORING, OR LAY OUT ONE OR MORE FLOOR LEVELS AS CLOSE TO THE FLOOR LEVEL AS POSSIBLE AND LOCATE ONE OR MORE GRILLS AS CLOSE TO CEILING AS POSSIBLE.

GENERAL NOTES

- REFER TO A DRAWING FOR CEILING AND JOIST COORDINATION.

KEYED NOTES

- FLOORING LOCATED AT BOTTOM OF SWAIFT ON THE FLOOR.
- FINISH FLOOR AND PIPING REFER TO EXISTING ENCLOSURE.
- PROTECT THE EXISTING FLOORING, OR LAY OUT ONE OR MORE FLOOR LEVELS AS CLOSE TO THE FLOOR LEVEL AS POSSIBLE AND LOCATE ONE OR MORE GRILLS AS CLOSE TO CEILING AS POSSIBLE.

GENERAL NOTES

- REFER TO A DRAWING FOR CEILING AND JOIST COORDINATION.

KEYED NOTES

- FLOORING LOCATED AT BOTTOM OF SWAIFT ON THE FLOOR.
- FINISH FLOOR AND PIPING REFER TO EXISTING ENCLOSURE.
- PROTECT THE EXISTING FLOORING, OR LAY OUT ONE OR MORE FLOOR LEVELS AS CLOSE TO THE FLOOR LEVEL AS POSSIBLE AND LOCATE ONE OR MORE GRILLS AS CLOSE TO CEILING AS POSSIBLE.

GENERAL NOTES

- REFER TO A DRAWING FOR CEILING AND JOIST COORDINATION.

KEYED NOTES

- FLOORING LOCATED AT BOTTOM OF SWAIFT ON THE FLOOR.
- FINISH FLOOR AND PIPING REFER TO EXISTING ENCLOSURE.
- PROTECT THE EXISTING FLOORING, OR LAY OUT ONE OR MORE FLOOR LEVELS AS CLOSE TO THE FLOOR LEVEL AS POSSIBLE AND LOCATE ONE OR MORE GRILLS AS CLOSE TO CEILING AS POSSIBLE.



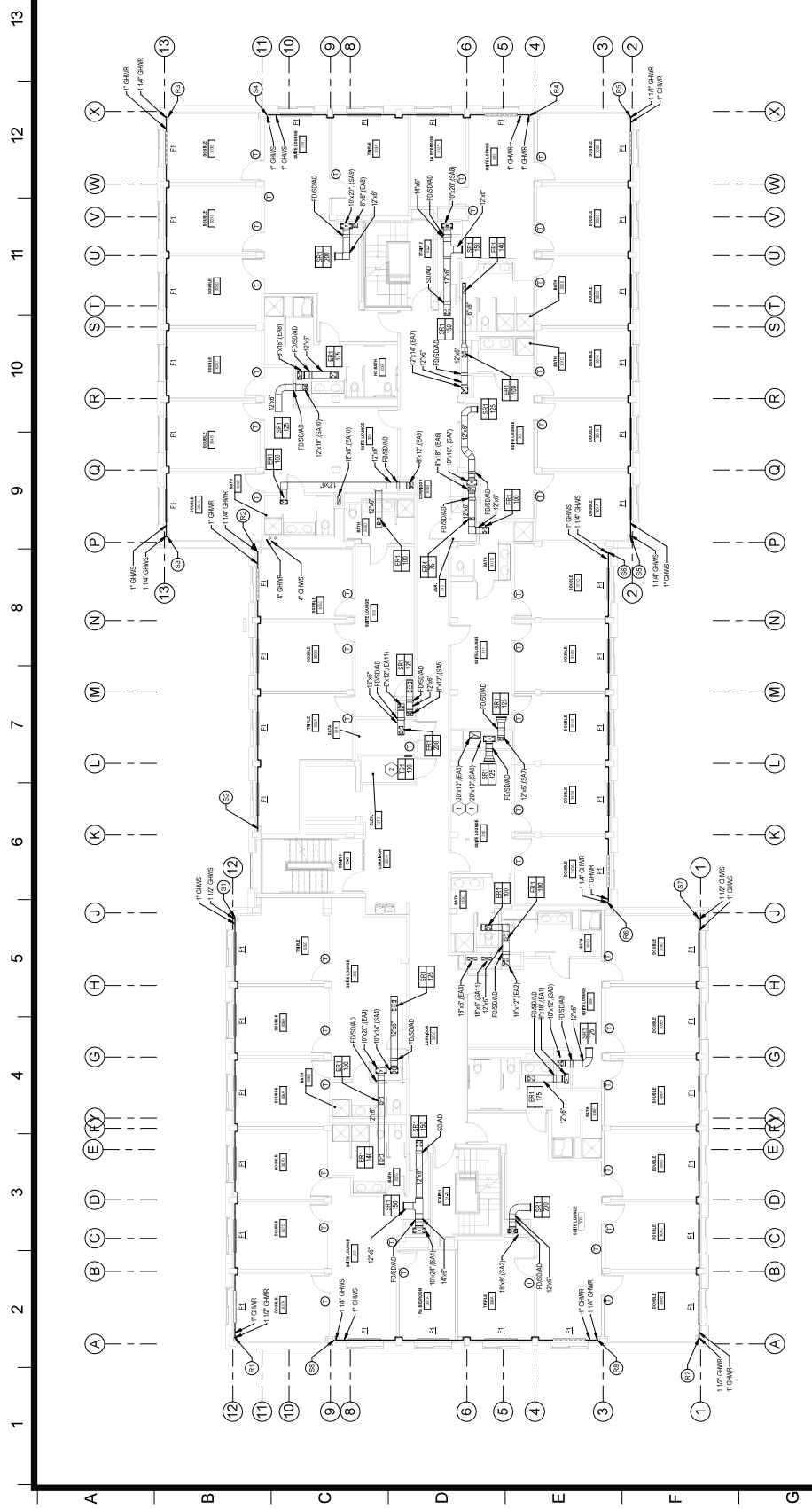
Project Key

REVISIONS	Description	Date

Project Title
**STATE UNIVERSITY OF
 NEW YORK AT NEW
 PALZ
 DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION
 1 HAWK DRIVE NEW PALZ, NEW YORK
 12561-5443**

Phase
 BID DOCUMENTS

Drawn By: **DAW**
 MJC
 SCD
 Scale: As Shown
 Date: 8-28-2018
 DASNY Project No:
 341830
 Drawing Number



1 THIRD FLOOR DUCTWORK AND PIPING PLAN
 SCALE: 1/8" = 1'-0"

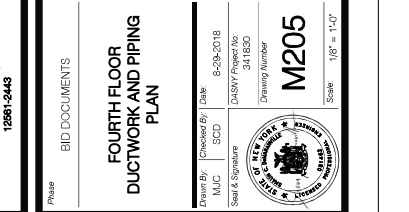
GENERAL NOTES

- REFER TO A DRAWING FOR CEILING AND SOFFIT COORDINATION.

KEYED NOTES

- DUCTWORK LOCATED AT BOTTOM OF SWAIFT ON THE FLOOR.
- PROVIDE TWO (2) TRANSFER GRILLES, LOCATE ONE GRILLE AS CLOSE TO THE FLOOR LEVEL AS POSSIBLE AND LOCATE ONE GRILLE AS CLOSE TO CEILING AS POSSIBLE.





Project Key

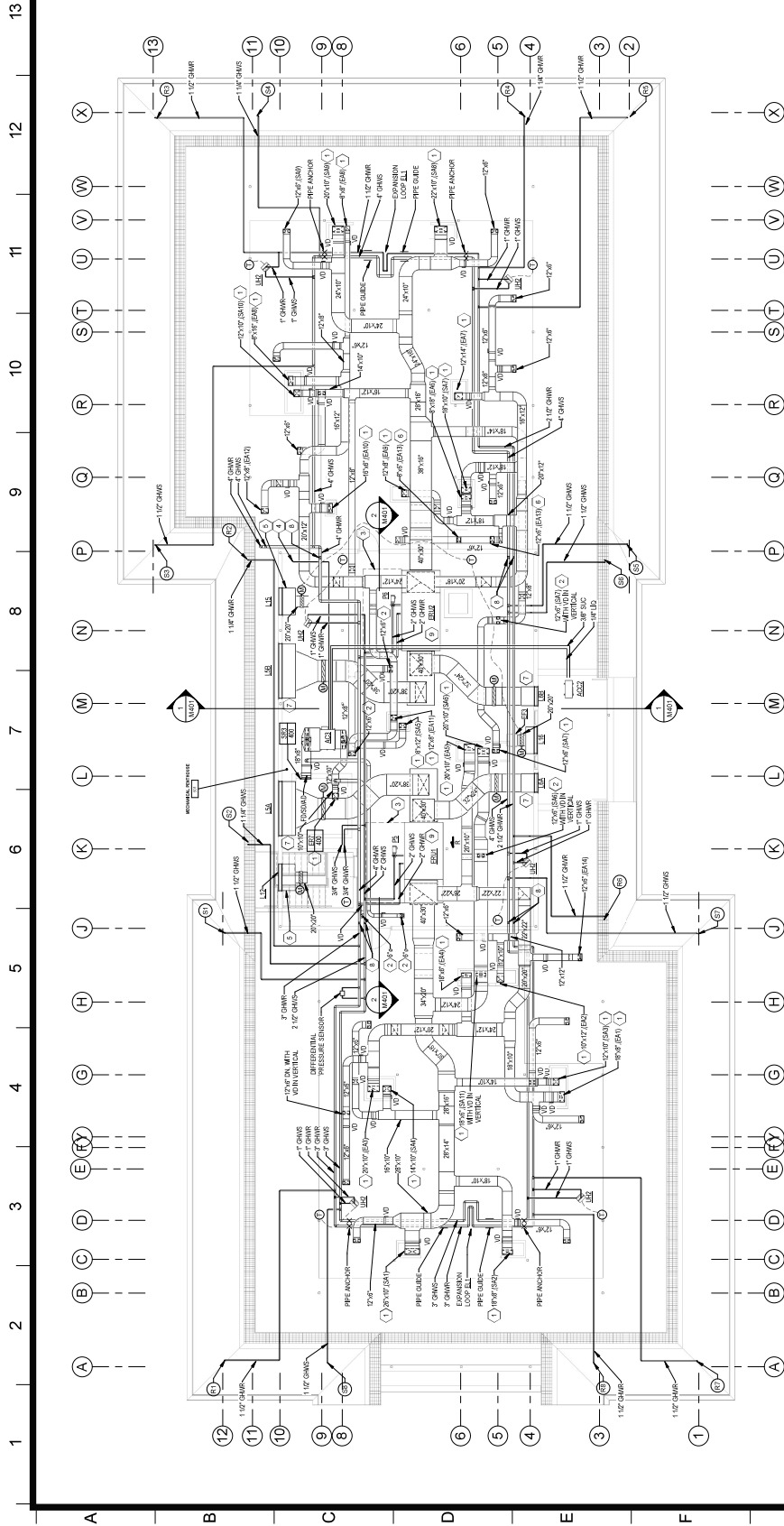
REVISIONS	Description	Date

Project Title
**STATE UNIVERSITY OF
 NEW YORK AT NEW
 PALTZ**
**DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**
**1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-0443**

Phase
 BID DOCUMENTS

**ATTIC DUCTWORK AND
 PIPING PLAN**

Drawing No. **M206**
 Drawing Title
 Drawing Number
 Date of Revision
 Date of Issue



GENERAL NOTES

- REFER TO ARCHITECT'S FLOOR AND CEILING CONSTRUCTION.

NOTED NOTES

- FLOORING AT THE TOP OF THE SHIRT.
- FD AT THE FLOOR PENETRATION.
- EQUIPMENT CLEARANCE ON THE FRONT SIDE OF THE UNIT TO BE FREE OF OBSTRUCTIONS. PROVIDE 6\"/>

1 ATTIC DUCTWORK AND PIPING PLAN

SCALE: 1/8\"/>



SHRINK POLYETHYLENE SHEET
 DOWN TO SPAN TO SCALE

Revisions

No.	Description	Date

Project Title

STATE UNIVERSITY OF
 NEW YORK AT NEW
 PALTZ
**DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**
 1 HANK DRIVE NEW PALTZ, NEW YORK
 12561-2443

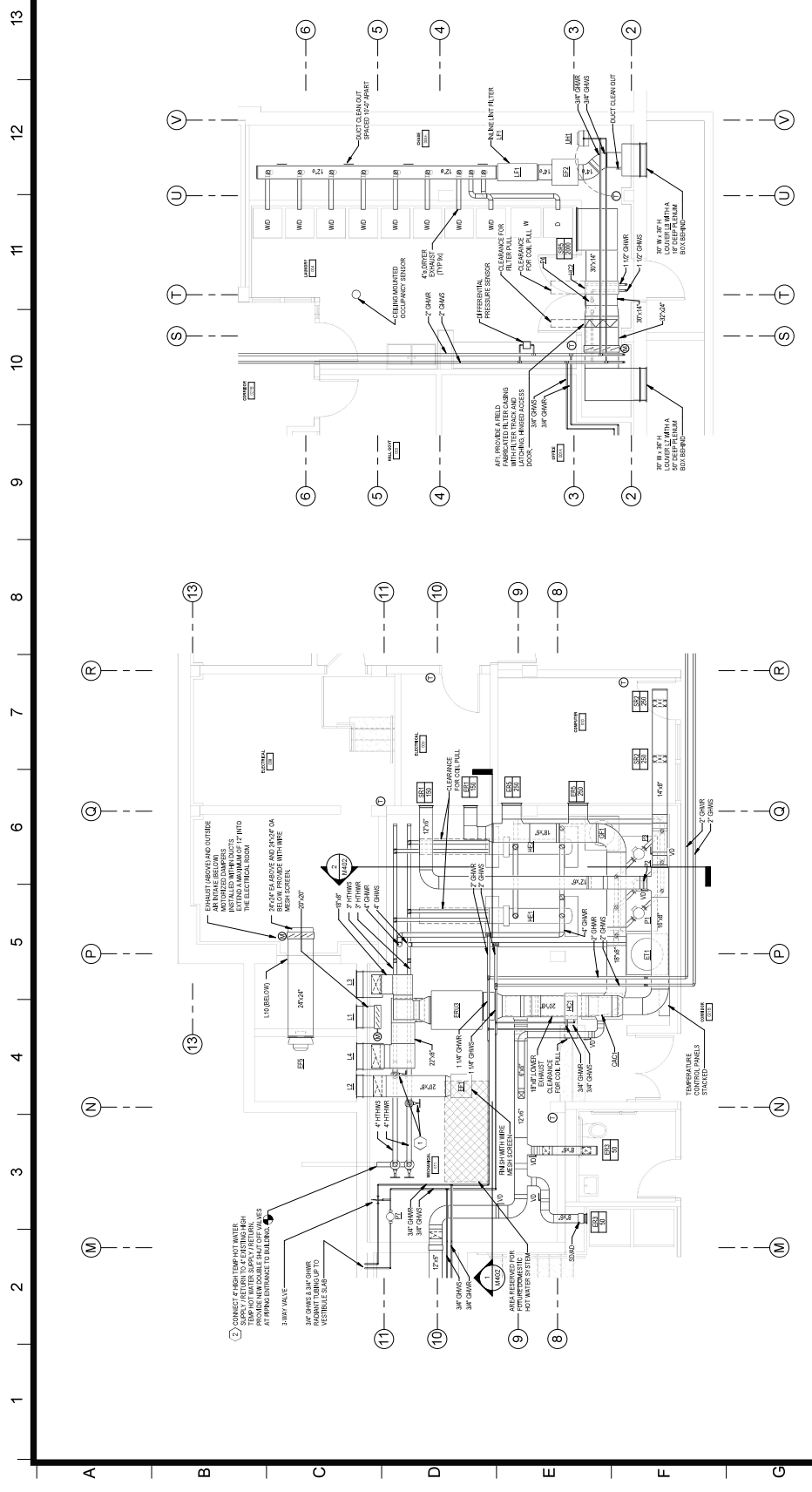
Phase

BID DOCUMENTS

PARTIAL PLANS

Drawing No. M301
 Scale: 1/4" = 1'-0"

Client: STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
 Project No.: 12180
 Date: 8-28-2018
 MJC SCD
 DASHY PROJECTS
 341830
 Scale: 1/4" = 1'-0"



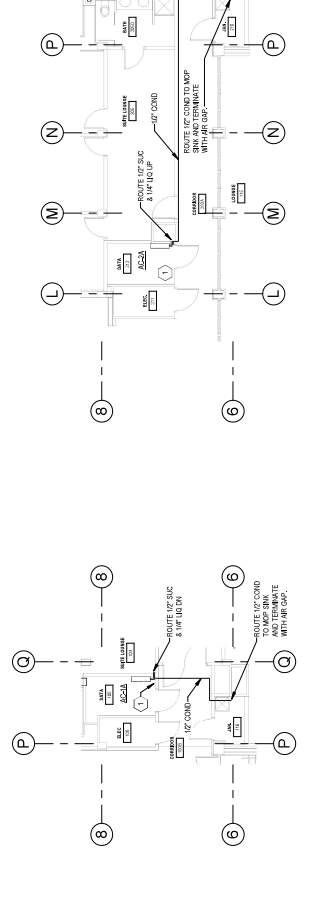
2 BASEMENT LAUNDRY ROOM DUCTWORK AND PIPING PARTIAL PLAN
 SCALE: 1/4" = 1'-0"

1 BASEMENT MECHANICAL ROOM DUCTWORK AND PIPING PARTIAL PLAN
 SCALE: 1/4" = 1'-0"

- KEYED NOTES**
1. PIPING AND FLOW DIRECTION FOR FUTURE CONNECTION TO DAMAGED WATER HEATER.
 2. CONTRACTOR SHALL VERIFY EXISTING HIGH TEMPERATURE HOT WATER PIPING TO BE KEPT IN PLACE. CONTRACTOR SHALL ADJUST THE PIPING TO BE KEPT IN PLACE TO MATCH THE EXISTING PIPING. CONTRACTOR SHALL VERIFY WATER SUPPLY AND RETURN PRESSURES DIFFER FROM WATER SUPPLYING DRAWING.



SPLIT SYSTEM AIR CONDITIONING HEAT PUMP UNIT SCHEDULE - ADD ALTERNATE 1															
TAG	INDOOR UNIT				OUTDOOR UNIT				ELECTRIC				DESCRIPTION	NOTES	
	FAN COIL	COOLING REFRIGERANT	CONDENSER FAN	REFRIGERANT	COMPRESSOR	FLA	HP	HP	V/F PHASE	WVA	MAXP	SEER			
AC201A	308	12,300	RAVA	RAVA	1	100	3	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3
AC201B	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201C	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201D	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201E	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201F	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201G	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201H	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201I	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201J	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201K	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201L	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201M	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201N	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201O	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201P	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201Q	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201R	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201S	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201T	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201U	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201V	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201W	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201X	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201Y	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	
AC201Z	308	12,300	RAVA	RAVA	1	100	3	208/110/0	0.71	-	10	LO	ARN112358L4	1,2,3	



2 SECOND FLOOR DUCTWORK AND PIPING PLAN
 SCALE: 1/8" = 1'-0"

3 FIRST FLOOR DUCTWORK AND PIPING PLAN
 SCALE: 1/8" = 1'-0"

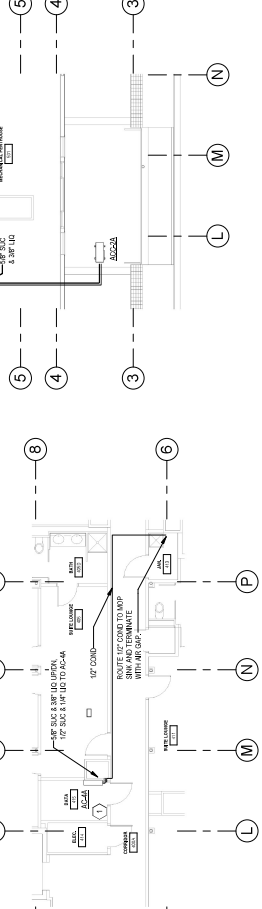


KEYED NOTES

- PROVIDE FOR THE MANUFACTURER'S WALL MOUNTING CLEARANCE REQUIREMENTS.
- AND SACS BEARS FOLLOWING PIPE LOCATE ADJUSTED TO BARS ON WALL.

4 BASEMENT DUCTWORK AND PIPING PLAN
 SCALE: 1/8" = 1'-0"

5 FOURTH FLOOR DUCTWORK AND PIPING PLAN
 SCALE: 1/8" = 1'-0"



6 THIRD FLOOR DUCTWORK AND PIPING PLAN
 SCALE: 1/8" = 1'-0"

7 ATTIC DUCTWORK AND PIPING PLAN
 SCALE: 1/8" = 1'-0"

1" = 10'-0" DIMENSIONS
 DOWN SHOWN TO SCALE

Project Key

REVISIONS	Description	Date

Project Title
**STATE UNIVERSITY OF NEW YORK AT CORTLAND
 DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**
 1 HANK DRIVE NEW PALTZ, NEW YORK
 12561-5443

Phase
 BID DOCUMENTS

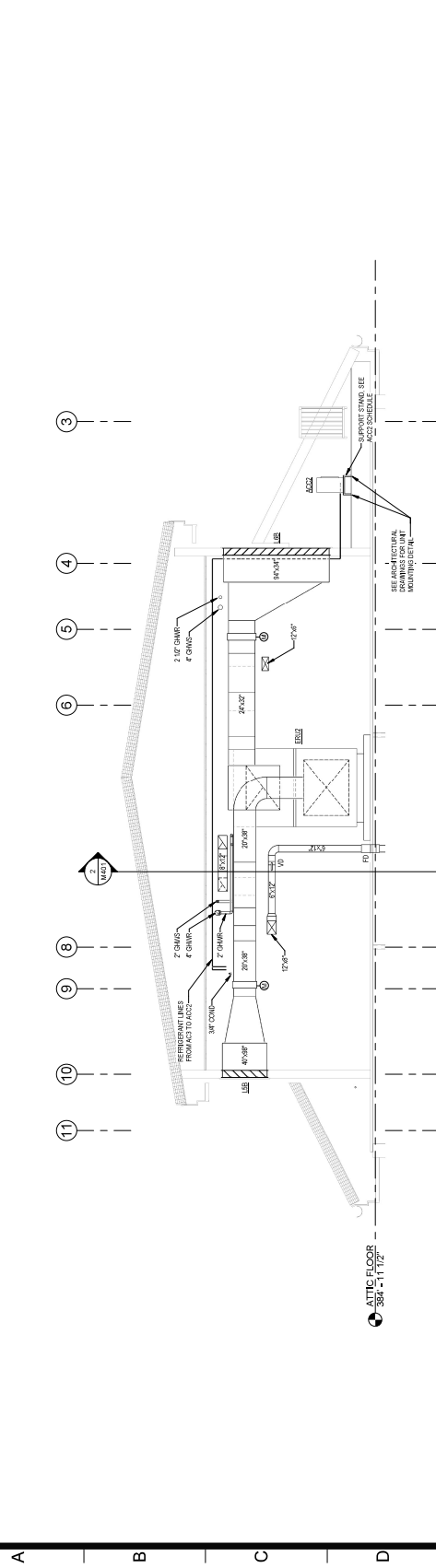
SECTIONS

Drawn By: Christopher J. Daley 8-28-2018
 Author: Christopher J. Daley
 Scale: As Shown
 DASNY Project No: 241830
 Drawing Number

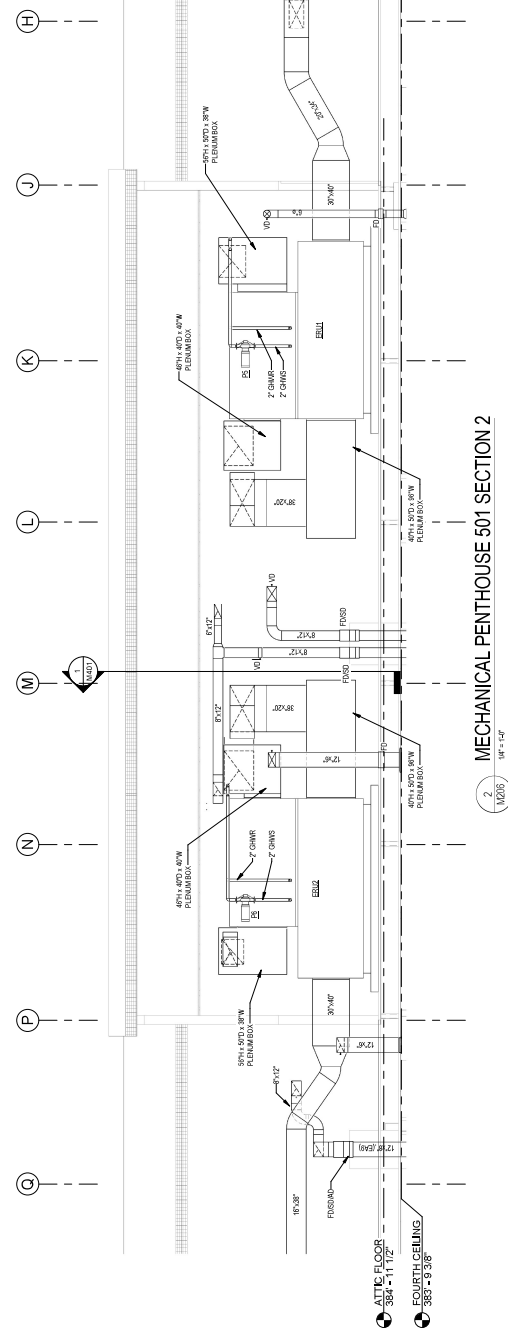


M401
 Scale: 1/4" = 1'-0"

13
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1 MECHANICAL PENTHOUSE 501 SECTION 1
 1/4" = 1'-0"

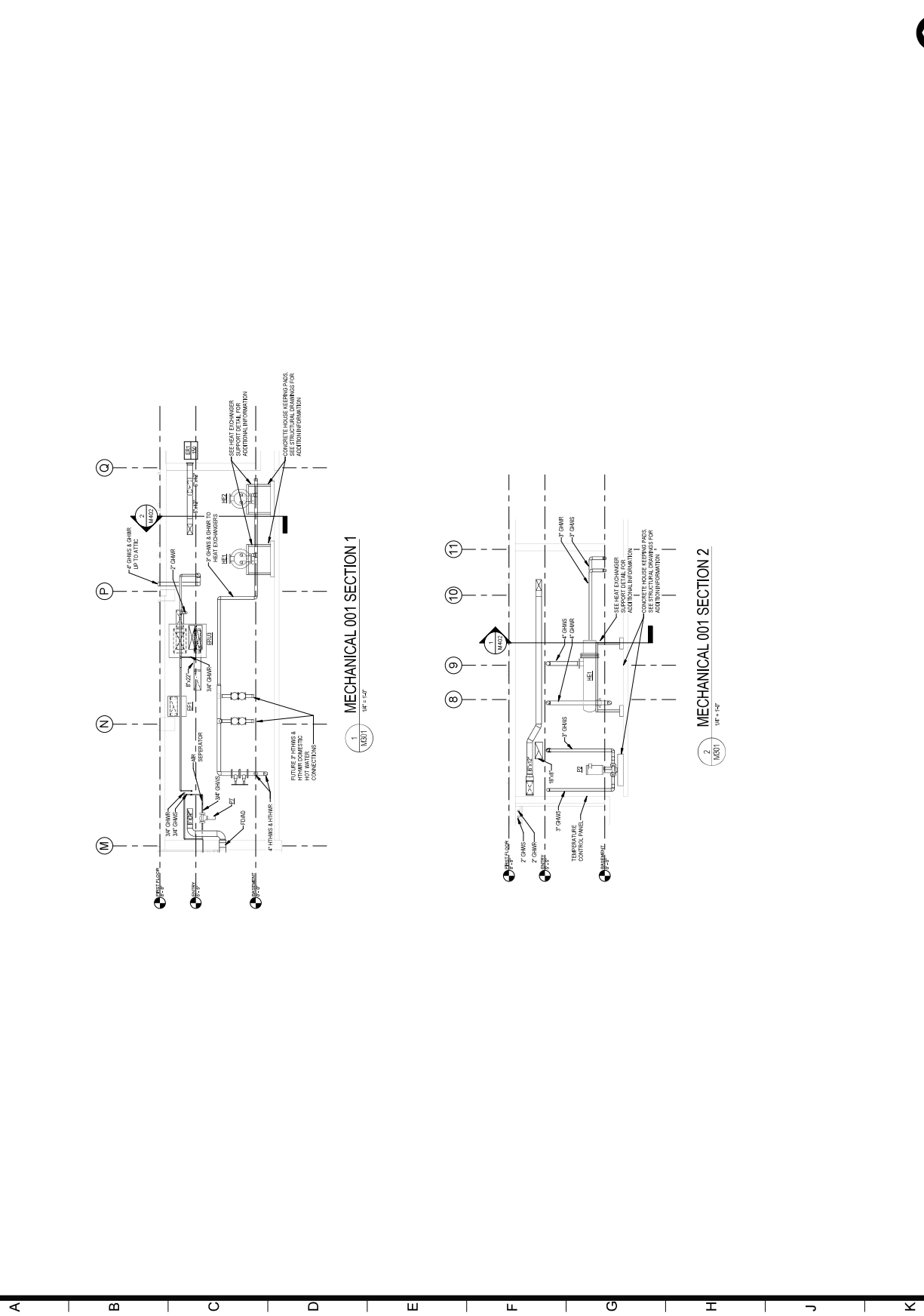


2 MECHANICAL PENTHOUSE 501 SECTION 2
 1/4" = 1'-0"



PREPARED AND CHECKED BY
 DOWNCAST PHOTO SCALE

1 2 3 4 5 6 7 8 9 10 11 12 13



DASNY
CORPORATE AUTHORITY STATE OF NEW YORK
510 S. WILSON AVENUE, ALBANY, NEW YORK 12242-7264
510 FINE FARM ROAD, DEPT. OF TRANSPORTATION, ALBANY, NEW YORK 12242-8414
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IRVING, NY 12180

FRIEDMAN FISHER ASSOCIATES
P.C. CONSULTING ENGINEERS
ALBANY, NEW YORK 12205

Project Key

REVISIONS	Description	Date

Project Title
**STATE UNIVERSITY OF
NEW YORK AT NEW
PALZ
DEYO HALL
REHABILITATION
AND UPPER FLOOR
ADDITION**
1 HAWK DRIVE NEW PALZ, NEW YORK
12561-2443

Phase
BID DOCUMENTS

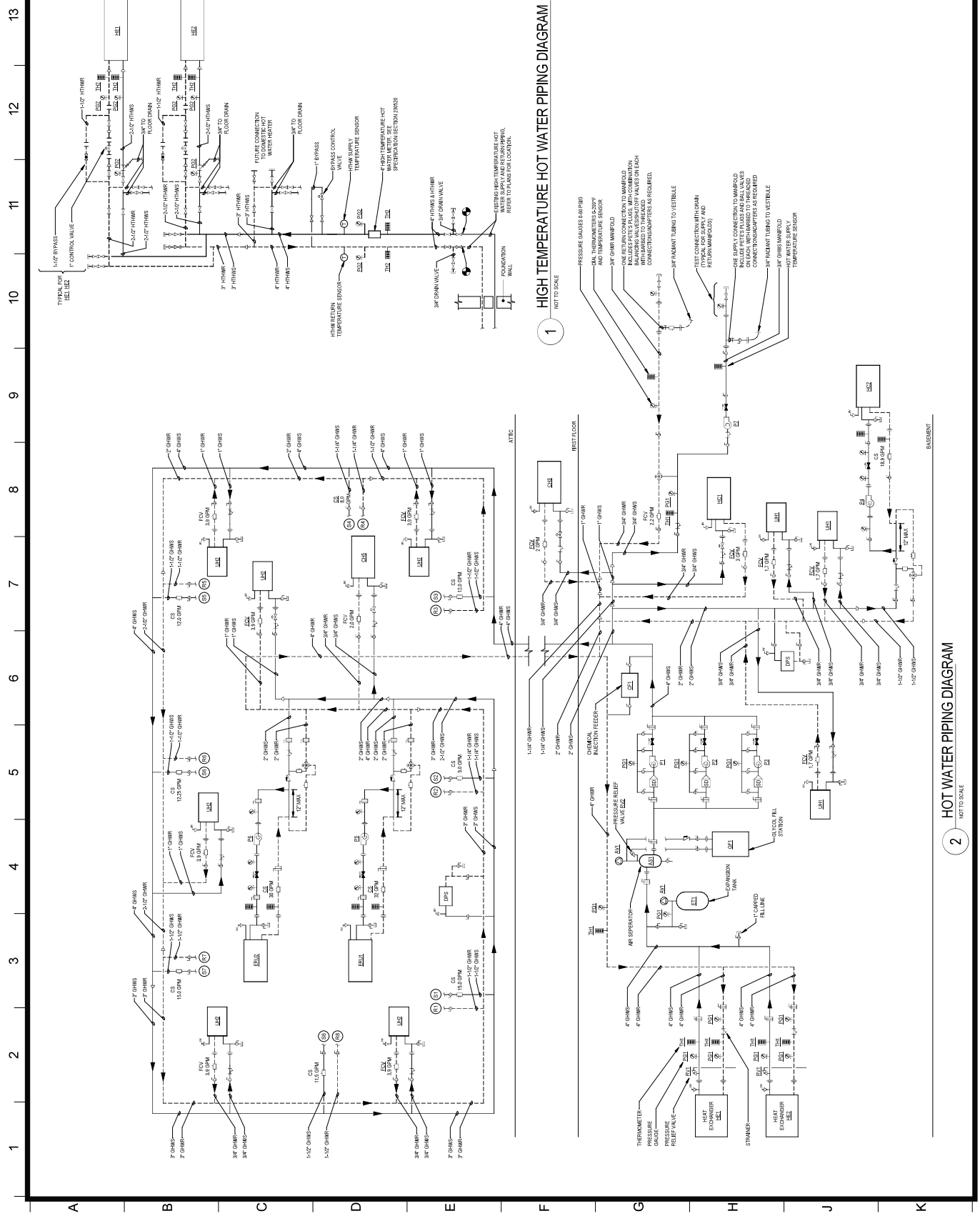
SECTIONS

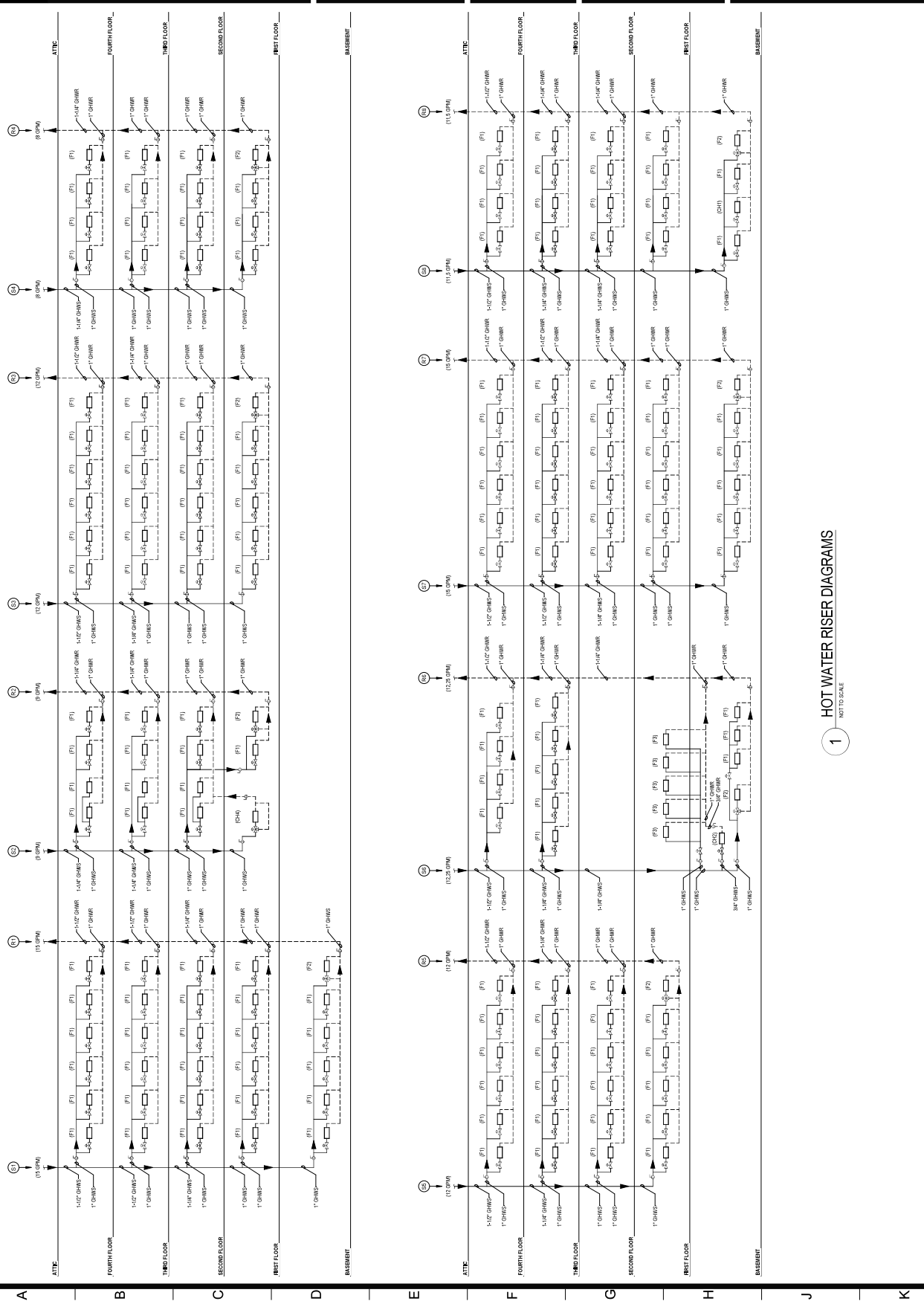
Drawn By: **Chenwei Qi** Date: 8-28-2018
Author: **Chenwei Qi**
Scale: 1/8" = 1'-0"
Sheet: DASNY Project No: 241830
Drawing Number: **M402**

Scale: 1/4" = 1'-0"



REVISIONS	Description	Date





1 HOT WATER RISER DIAGRAMS
NOT TO SCALE

Project Key

REVISIONS	Description	Date

STATE UNIVERSITY OF
 NEW YORK AT NEW
 PALZ
**DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**
 1 HANK DRIVE NEW PALZ, NEW YORK
 12561-2443

Phase

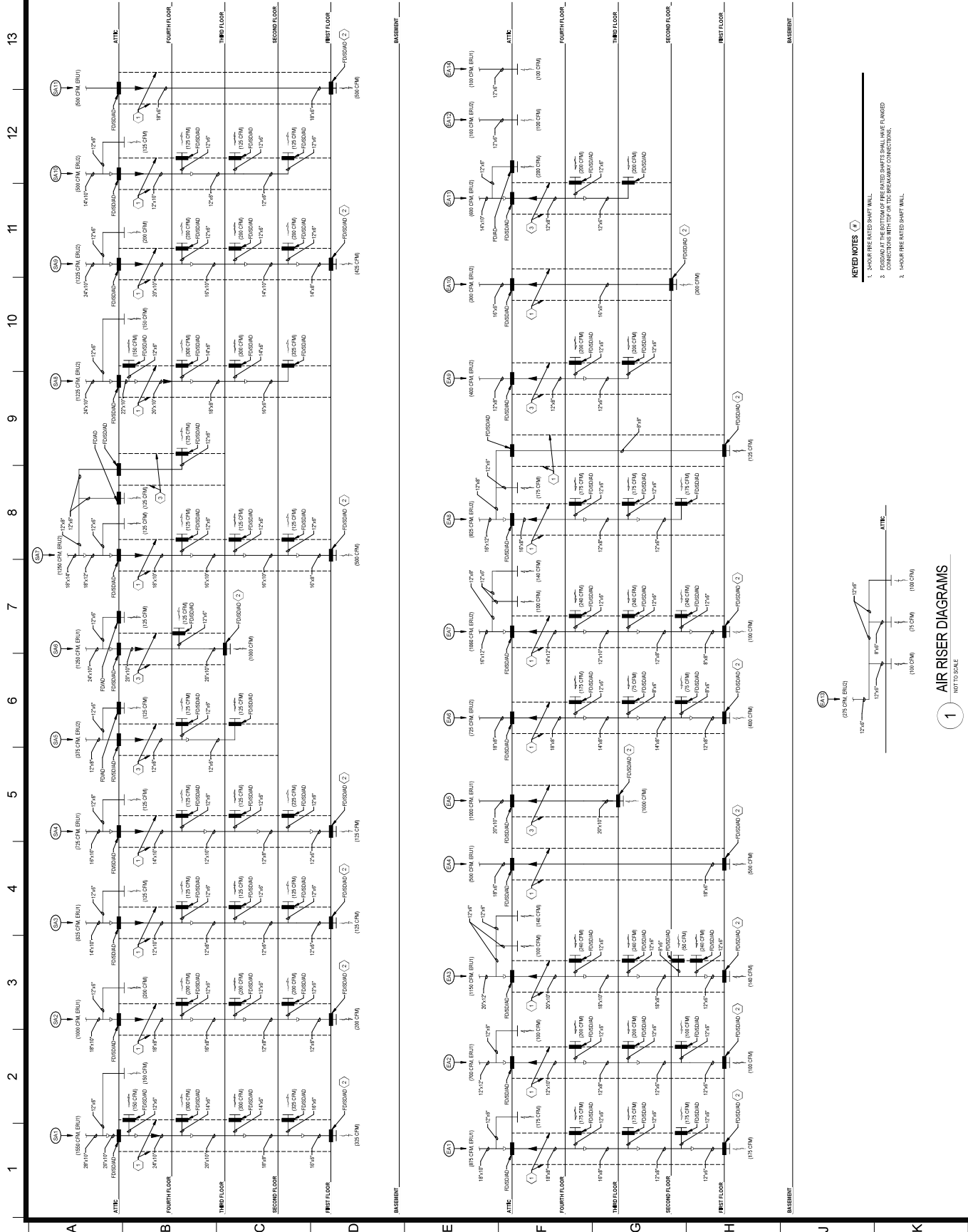
BID DOCUMENTS

FLOW DIAGRAMS

Drawing No. **M503**
 Project No. 8-20-018
 MJC SCD
 Date of Revision 2/18/20
 Date of Original 2/18/20
 Drawing Number



Scale 1/2" = 1'-0"



KEYED NOTES

1. HOUR FIRE RATED SHAFT WALL
2. CONNECTIONS WITH THE SHAFER SHALL BE FLANGED CONNECTIONS WITH THE FTD BREAKAWAY CONNECTORS.
3. HOUR FIRE RATED SHAFT WALL

1 AIR RISER DIAGRAMS
 NOT TO SCALE

DASNY
 DISTRICT AUTHORITY STATE OF NEW YORK
 515 West Broadway, Albany, New York 12242-7244
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ENGINEER
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 ALBANY, NEW YORK 12205

Project No. _____
 Project Name _____

REVISIONS	Description	Date

Project Title
**STATE UNIVERSITY OF
 NEW YORK AT NEW
 PALTZ**
**DEYO HALL
 REHABILITATION
 AND UPPER FLOOR
 ADDITION**
**1 HAWK DRIVE NEW PALTZ, NEW YORK
 12561-0443**

Phase
 BID DOCUMENTS

FLOW DIAGRAMS

Drawing No. _____
 Revision No. _____
 Date: _____
 Scale: _____
 Drawing Number
M504
 Scale: 1/2" = 1'-0"

13
12
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