RENOVATIONS TO RELOCATE ADMISSIONS FOR REHAB OF ADMINISTRATION BLDG - PHASE 1A

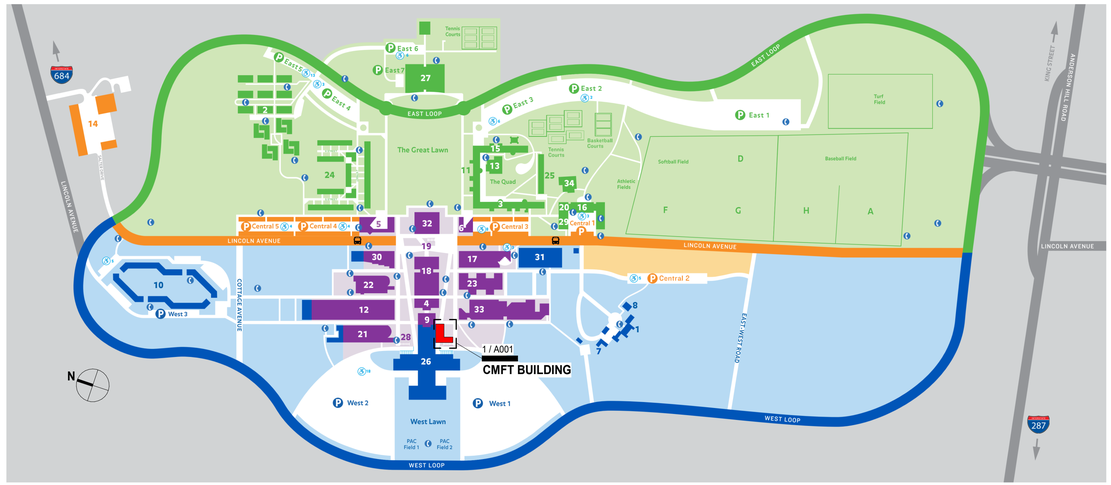
SUNY PURCHASE COLLEGE
SUCF #291036-01

BID DOCUMENTS
12 June 2023

DRAWING LIST

LOUNGE VIEWING SOUTH

ORIENTATION ROOM VIEWING EAST



Parking · Bus Stop · Emergency Phone · Handicap Parking
East: Green · West: Blue · Central: Gold · Main Plaza: Purple

1) **Administration**
   - Admissions
2) **Alumni Village** (Apartments)
3) **Big Haus** (Residence Hall)
4) **Bookstore**
5) **Campus Center North (CCN)**
   - Community Engagement
   - The Hub (Food Court)
   - More Card Office
   - Parking and Transportation
6) **Campus Center South (CCS)**
   - Business Affairs
   - Finance / Administration
   - Human Resources / Payroll
   - Purchasing / Accts Payable
   - Student Health Services
   - Terra Ve Café (vegetarian and vegan dining)
7) **Capital Facilities Planning Building**
8) **The Center for Engagement**
9) **Center for Media, Film, and Theatre Building (CMFT)**
10) **The Commons** (Apartments)
11) **Crossroads** (Residence Hall)
12) **Dance Building**
    - Acting Studios
13) **Dining Hall**
14) **Facilities Management**
15) **Farside** (Residence Hall)
16) **Fort Awesome** (Residence Hall)
    - Multicultural Center
    - Wellness Center
17) **Durst Family Humanities Building**
    - Counseling Center
18) **Library**
    - Teaching, Learning and Technology Center
    - Learning Center
19) **Lincoln Avenue Underpass**
    - Communications and Creative Services
    - Mail Room/Receiving
    - University Police
20) **The More Store**
21) **Music Building**
    - Liberal Studies and Continuing Education
    - Film & Media Studies
    - School of the Arts Office
22) **Natural Sciences Building**
23) **Neuberger Museum of Art**
24) **The Olde** (Apartments)
25) **Outback** (Residence Hall)
26) **The Performing Arts Center**
27) **Physical Education** (The Gym)
28) **Performing Arts Center Underpass**
    - Passage Gallery
29) **Starbucks**
30) **Social Sciences Building**
    - Theatre Design/Technology
    - Liberal Arts and Sciences Office
31) **Student Center (The Stood)**
    - Children's Center
32) **Student Services Building**
    - Academic Affairs
    - Advising Center
    - Career Development
    - Enrollment Services
    - Educational Opportunity Program
    - Institutional Advancement
    - Institutional Research
    - International Programs and Services
    - President's Office
    - Provost's Office
    - Purchase College Association
    - Registrar
    - Student Affairs
    - Student Financial Services
33) **Visual Arts Building**
    - Richard and Dolly Maass Gallery
34) **Wayback** (Residence Hall)

1 CAMPUS PLAN
N.T.S.

TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT ARE IN CONFORMANCE WITH THE BUILDING CODE OF NEW YORK STATE AND ALL OTHER APPLICABLE FEDERAL AND STATE LAWS AND REGULATIONS, ALL AS CURRENTLY AMENDED.

MICHAEL MAZA, AIA

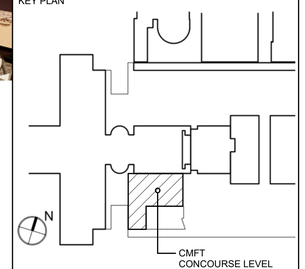
034456
NYS REGISTRATION NO.

12 June 2023
DATE

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

TITLE SHEET

SCALE:
N.T.S.

DATE:
12 JUNE 2023

DRAWING NO.:
T.000

REGISTERED ARCHITECT
MICHAEL THOMAS MAZA
034456
STATE OF NEW YORK

ABBREVIATIONS

A
AB. - ABOVE
ACT - ACOUSTIC CEILING TILE
A.D. - ACCESS DOOR
ADMIN - ADMINISTRATION
A.Dr. - AREA DRAIN
ADJ. - ADJUST (OR) ADJACENT
A.F.F. - ABOVE FINISHED FLOOR
A.F.G. - ABOVE FINISHED GRADE
ALUM. - ALUMINUM
AP - ACCESS PANEL
APP'D. - APPROVED
ARCH. - ARCHITECT
ASPH. - ASPHALT
ASSEM. - ASSEMBLY
AUD. - AUDITORIUM
AUX. - AUXILLIARY
& - AND
/ - ANGLE
@ - AT

B
B.C. - BRICK COURSE (OR) BOOK CASE
BD. - BOARD
B.L. - BUILDING LINE
BLD'G. - BUILDING
BLK. - BLOCK
BM. - BEAM
B.O. - BOTTOM OF
B.O.C./B.C. - BOTTOM OF CURB
B.O.W./B.W. - BOTTOM OF WALL
BOT. - BOTTOM

C
C. - CASEMENT
CAB'T. - CABINET
CEM'T. - CEMENT
CL - CENTER LINE
C.I. - CAST IRON
CL. / CLOS. - CLOSET
CL'G/CEIL'G. - CEILING
COL. - COLUMN
COMP. - COMPOSITE
CONT. - CONTINUOUS
CONC. - CONCRETE
CONV. - CONVECTOR
CPT. - CARPET
C.R. - CLASSROOM
CORR. - CORRIDOR
C.T. - CERAMIC TILE
CU.FT. - CUBIC FEET
CPT - CARPET

D
DB./DISP. BD.- DISPLAY BOARD
DBL. - DOUBLE
DEP. - DEPRESSED
DEPT. - DEPARTMENT
DET. - DETAIL
D.F. - DRINKING FOUNTAIN
D.H. - DOUBLE HUNG
DIA. - DIAMETER
DIM. - DIMENSION
DISP. - DISPENSER
DISP.CAB. - DISPLAY CABINET
DN. - DOWN
DO. - DITTO
DR. - DOOR
DRW./DWG. - DRAWING

E
E.J./EXP. JT. - EXPANSION JOINT
EL./ELEV. - ELEVATION
ELEV. - ELEVATOR
ELEC. - ELECTRIC
EMG. - EXPANDED METAL GUARD
ENCL. - ENCLOSURE
ENT. - ENTRANCE
EQ. - EQUAL
EQUIP. - EQUIPMENT
EXP. - EXPANSION
EXIST./EXT.- EXISTING

F
F. - FIXED
F.C.U. - FAN COOL UNIT
F.D./FL.DR. - FLOOR DRAIN
F.E. - FIRE EXTINGUISHER
F.H. - FIRE HYDRANT
FIN. - FINISH
FL./FLR. - FLOOR
FLASH'G. - FLASHING
FOUND. - FOUNDATION
F.P. - FIREPROOFING
F.P.S.C. - FIRE PROOF SELF CLOSING
FR. - FRAME
FRA. - FIRE RESCUE AREA SIGN
F.S. - FLOOR SINK
F.S.P. - FIRE STANDPIPE
F.T. - FLUSH TREAD
FT'G. - FOOTING

G
GA. - GAUGE
GALV. - GALVANIZED
G.C. - GENERAL CONTRACTOR
G.I. - GALVANIZED IRON
GLS. - GLASS
GR. - GRILLE
GR.EL. - GRADE ELEVATION
GRNT. - GRANITE
G.T. - GLAZED TILE
G.V. - GAS VALVE
GYP.BD./GWB. - GYPSUM BOARD

H
H. - HIGH
H.C. - HUNG CEILING
HDCP - HANDICAPPED
HGT. - HEIGHT
H.M. - HOLLOW METAL
HORIZ. - HORIZONTAL
H.P. - HIGH POINT
H.R. - HAND RAIL
HR. - HOUR
H&V - HEATING & VENTILATION

I
I.D. - INSIDE DIAMETER
INV. - INVERT
IP. - INTUMESCENT PAINT
I.R.M.A. - INSULATED ROOF MEMBRANE ASSEMBLY
INSUL. - INSULATION

J
J.S.C. - JANITOR'S SINK CLOSET

K
KP. - KICKPLATE

L
L. - LEADER
LAV. - LAVATORY
LBG - LINEAR BAR GRILLE
LIN. - LINOLEUM
L.P. - LOW POINT
L.S. - LIMESTONE (OR) LOUDSPEAKER
LT. - LIGHT
L.W.C.B. - LIGHTWEIGHT CONCRETE BLOCK
L.S.D. - LINEAR SLOT DIFFUSER

M
M./MA./MTL. - METAL
MA. - METAL ACCESS DOOR
MAG. - MAGAZINE
M.ANG. - METAL ANGLE
MAT. - MATERIAL
MAX. - MAXIMUM
M.B. - METAL BASE
MECH. - MECHANICAL
M.F. - METAL FURRING
MIN. - MINIMUM
M.I.S. - METAL INSECT SCREEN
M.O. - MASONRY OPENING
MOV. - MOVABLE
M.PAN - METAL PAN
M.S. - METAL STRIP

N
N.C. - NO CEILING
N.I.C. - NOT IN CONTRACT
NO. - NUMBER
NOM. - NOMINAL
N.T.S. - NOT TO SCALE

O
O.A.I. - OUTSIDE AIR INTAKE
O.C. - ON CENTER
O.D. - OUTSIDE DIAMETER
OH. / OPH. - OPPOSITE HAND
OP'G./OPEN'G. - OPENING

P
P. - PAINT
PART. - PARTITION
PC. - PAINTED CONCRETE
PCT. - PORCELAIN TILE
P&D - PLUMBING AND DRAINAGE
PE. - POURED EPOXY
PERF. - PERFORATED
PL. - PLASTER; 3 COAT
PL./PLAS. - PLASTER
PLATF. - PLATFORM
P.LAM. - PLASTIC LAMINATED VENEER
PRES. - PRESENT
PROJ. - PROJECTOR
P.L. - PROPERTY LINE
PT. - PAINT

Q
Q.T. - QUARRY TILE

R
r. - RADIUS
R. - RISER
RAIL'G. - RAILING
RAD. - RADIATOR
R.D. - ROOF DRAIN
RE: - REFERENCE
REC. - RECESS
REINF. - REINFORCING
RET. - RETAINING
RM. - ROOM
R.O. - ROUGH OPENING
RP. - ROOM NUMBER PLATE
RUB. - RUBBER
RW. - RESILIENT WOOD

S
S. - SINK
S.A.E. - SAME AS EXISTING
SAD. - SADDLE
SAN. - SANITARY
SC. - SEALED CONCRETE
SECT. - SECTION
SG-P - SEMI-GLOSS PAINT
SHT. - SHEET
SI. - STAIR IDENTIFICATION SIGN
SIM. - SIMILIAR
SL. - SLEEVE
SO. - SOLDIER
SP. - SPACE
SPEC. - SPECIFICATION
SQ.FT. / S.F. - SQUARE FEET
S.R. - STORE ROOM
S.SK. - SLOP SINK
S.S./ST.STL. - STAINLESS STEEL
STD. - STANDARD
STL. - STEEL
ST.PL. - STEEL PLATE
STN. - STONE
STOR. - STORAGE
STRUCT. - STRUCTURAL
STD.DET. - STANDARD DETAIL
STUD. - STUDENT
STY. - STORY
SV. - SHEET VINYL
S.Y. - SQUARE YARD

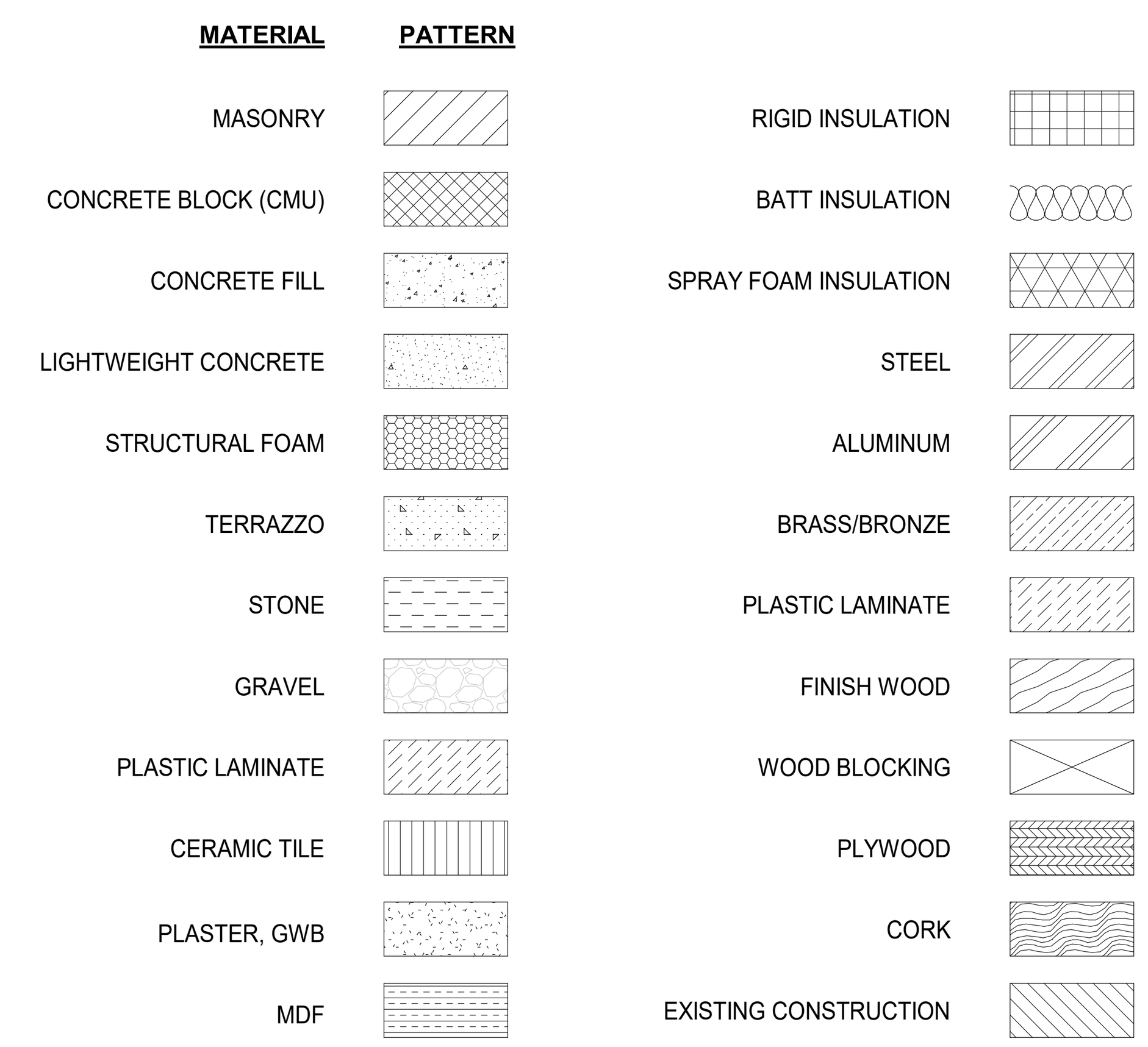
T
T. - TOILET
T&B - TOP AND BOTTOM
T.C. / T.O.C. - TOP OF CURB
TCOM - TELECOM
T.D. / T.O.D. - TOP OF DRAIN
TEL. - TELEPHONE
TH. - THICKNESS
T.O. - TRIMMED OPENING
T.O.S. - TOP OF SLAB
TR. - TREAD
T.W./T.O.W. - TOP OF WALL
TYP. - TYPICAL

U
U. - UNFINISHED
U.V./ UNIT VENT - UNIT VENTILATOR
U.O.N. - UNLESS OTHERWISE NOTED

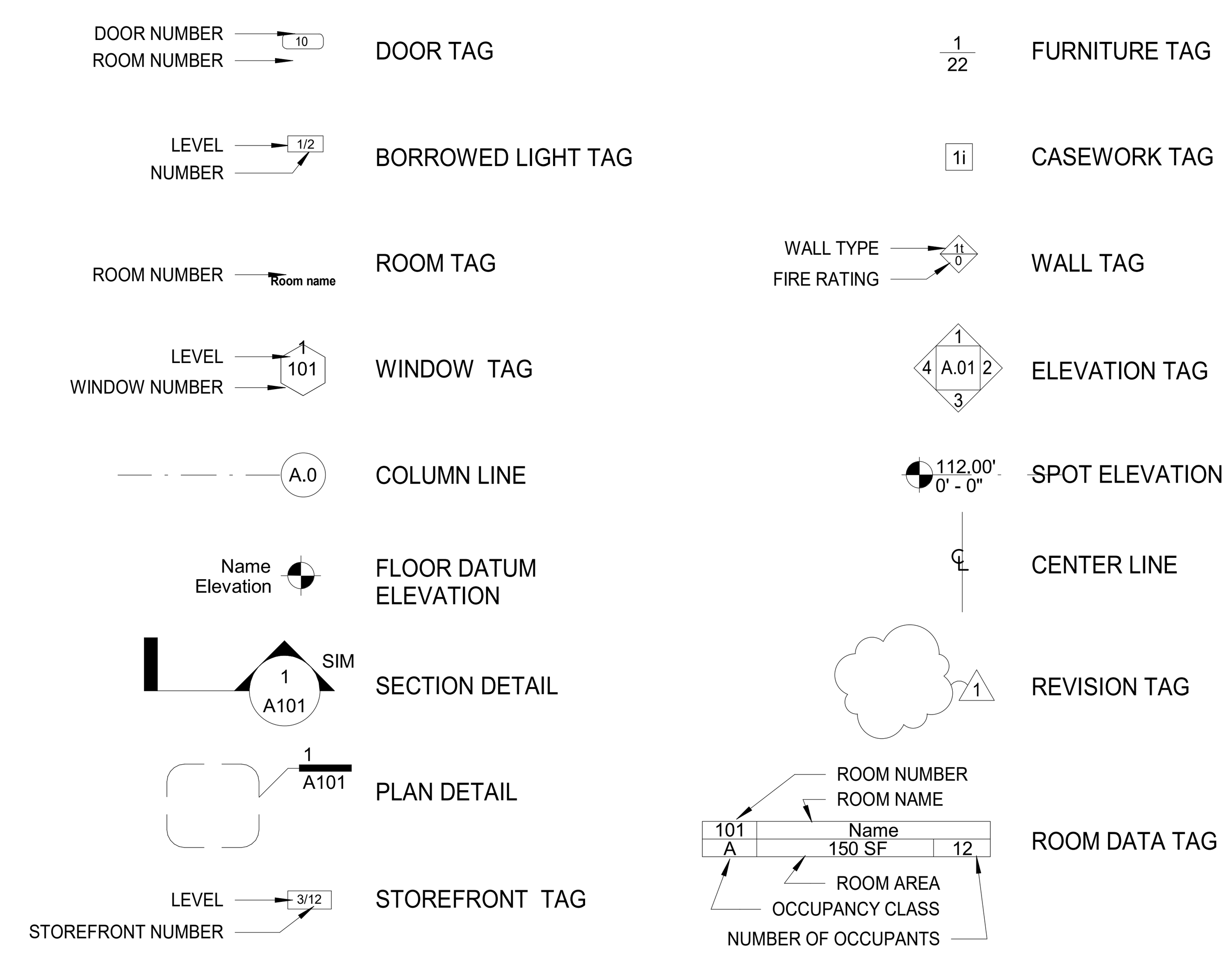
V
V. /VIN. - VINYL
VB. - VINYL BASE
VC - VALVE CABINET
V.C.T. - VINYL COMPOSITION TILE
VENT. - VENTILATOR
VERM. - VERMICULITE
VERT. - VERTICAL
VEST. - VESTIBULE
V.I.T. - VINYL IMPREGNATED TACKBOARD
V.T. - VITREOUS TILE
V.M.C. - VINYL WALL COVERING

W
W/ - WITH
WAINS. - WAINSCOT
W.C. - WATER CLOSET
WD. - WOOD
W.F. - WIRE FENCE (OR) WIDE FLANGE
W.H. - WEEPHOLE
W.I. - WROUGHT IRON
W.M. - WIRE MESH
W.M.G. - WIRE MESH GUARD
W.P. - WATERPROOFING
WT. - WEIGHT
W.W.F - WELDED WIRE FABRIC
W.V. - WATER VALVE

DRAFTING SYMBOLS



REFERENCE SYMBOLS



ISSUE:
BID DOCUMENTS

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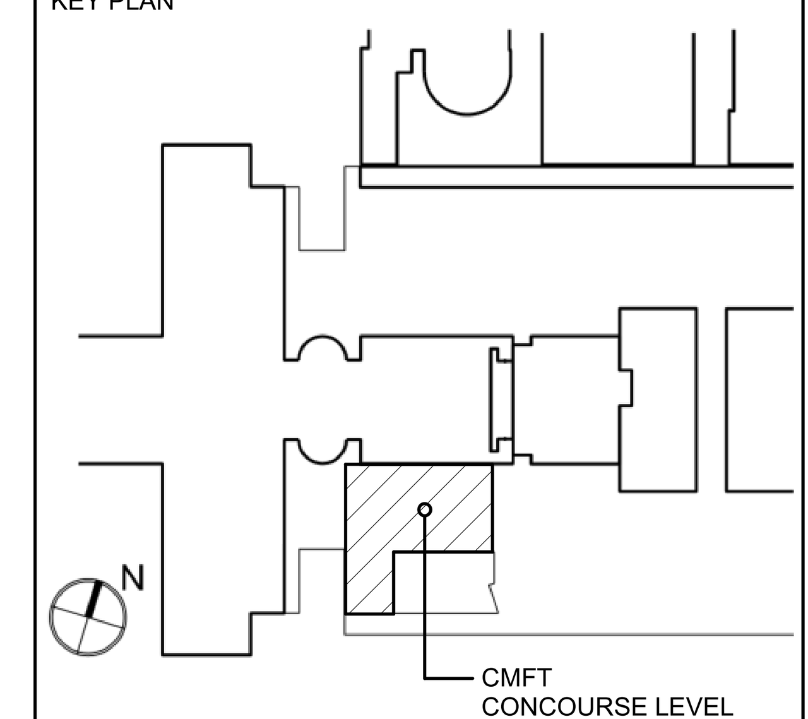

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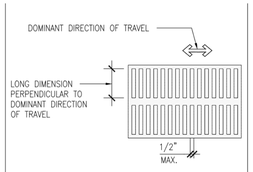
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
ABBREVIATIONS & SYMBOLS

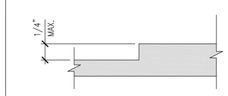
SCALE:
1/4" = 1'-0"

DATE:
12 JUNE 2023

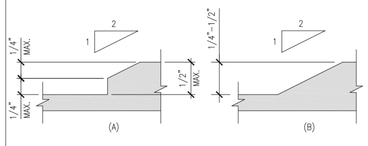
DRAWING NO.:
T.001



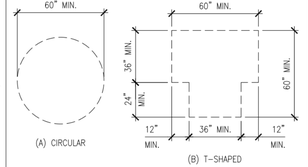
ELONGATED OPENINGS IN FLOOR OR GROUND SURFACES	
2010 ADAAG FIG.	302.3
2009 ICC A117.1 FIG.	302.3



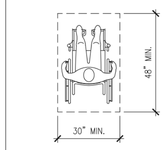
VERTICAL CHANGES IN LEVEL	
2010 ADAAG FIG.	303.2
2009 ICC A117.1 FIG.	303.2



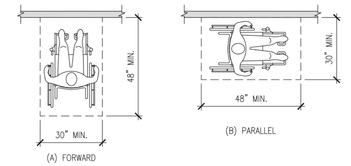
BEVELED CHANGES IN LEVEL	
2010 ADAAG FIG.	303.3
2009 ICC A117.1 FIG.	303.2(A) & 303.2(B)



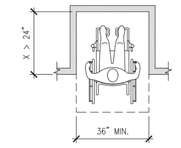
SIZE OF TURNING SPACE	
2010 ADAAG FIG.	304.3.2
2009 ICC A117.1 FIG.	304.3(A) & 304.3(B)



CLEAR FLOOR OR GROUND SPACE	
2010 ADAAG FIG.	305.3
2009 ICC A117.1 FIG.	305.3

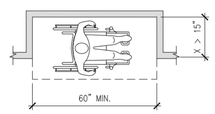


POSITION OF CLEAR FLOOR OR GROUND SPACE	
2010 ADAAG FIG.	305.5
2009 ICC A117.1 FIG.	305.5



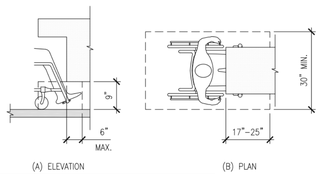
NOTE: WHEN THE DEPTH OF AN ALCOVE EXCEEDS 24" FOR A FORWARD APPROACH, THE WIDTH OF MANEUVERING CLEARANCE INCREASES TO 36" MIN. IN WIDTH.

MANEUVERING CLEARANCE IN ALCOVE, FORWARD APPROACH	
2010 ADAAG FIG.	305.7.1
2009 ICC A117.1 FIG.	305.7(A)

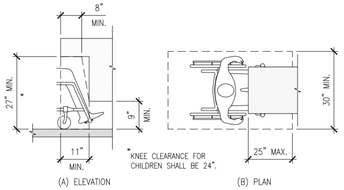


NOTE: WHEN THE DEPTH OF AN ALCOVE EXCEEDS 15" FOR A SIDE APPROACH, THE WIDTH OF MANEUVERING CLEARANCE INCREASES TO 60" MIN. IN WIDTH.

MANEUVERING CLEARANCE IN ALCOVE, PARALLEL APPROACH	
2010 ADAAG FIG.	305.7.2
2009 ICC A117.1 FIG.	305.7(B)

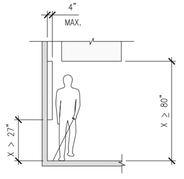


TOE CLEARANCE	
2010 ADAAG FIG.	306.2
2009 ICC A117.1 FIG.	306.2



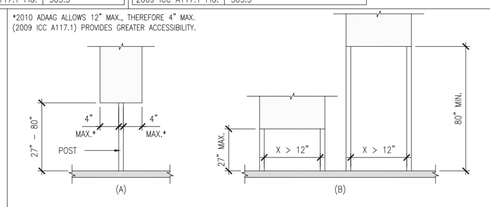
* KNEE CLEARANCE FOR CHILDREN SHALL BE 24".

KNEE CLEARANCE	
2010 ADAAG FIG.	306.3
2009 ICC A117.1 FIG.	306.3



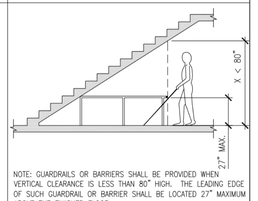
LIMITS OF PROTRUDING OBJECTS	
2010 ADAAG FIG.	307.2
2009 ICC A117.1 FIG.	307.2

*2010 ADAAG ALLOWS 12" MAX., THEREFORE 4" MAX.
(2009 ICC A117.1) PROVIDES GREATER ACCESSIBILITY.



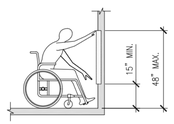
POST MOUNTED PROTRUDING OBJECTS	
2010 ADAAG FIG.	307.3
2009 ICC A117.1 FIG.	307.3

NOTE: WHERE AN OBSTRUCTION IS MOUNTED BETWEEN POSTS, AND THE CLEAR DISTANCE BETWEEN POSTS IS GREATER THAN 12", THE LOWEST EDGE OF SUCH OBSTRUCTION SHALL BE 27" MAX. OR 80" MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE.



NOTE: GUARDRAILS OR BARRIERS SHALL BE PROVIDED WHEN VERTICAL CLEARANCE IS LESS THAN 80" HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE LOCATED 27" MAXIMUM ABOVE THE FINISHED FLOOR.

VERTICAL CLEARANCE	
2010 ADAAG FIG.	307.4
2009 ICC A117.1 FIG.	307.4



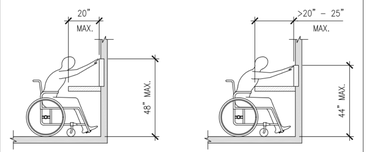
ADULT

UNOBSTRUCTED FORWARD REACH	
2010 ADAAG FIG.	308.2.1
2009 ICC A117.1 FIG.	308.2.1

*THIS IS AN ADVISORY REQUIREMENT FOUND ONLY IN 2010 ADAAG.

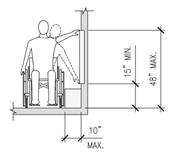
AGE 5-8 UNOBSTRUCTED REACH (FORWARD / SIDE REACH)	
2010 ADAAG SECTION	308.1 ADVISORY
2009 ICC A117.1 FIG.	*

AGE 9-12 UNOBSTRUCTED REACH (FORWARD / SIDE REACH)	
2010 ADAAG SECTION	308.1 ADVISORY
2009 ICC A117.1 FIG.	*



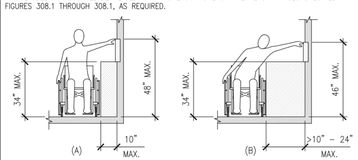
OBSTRUCTED HIGH FORWARD REACH	
2010 ADAAG FIG.	308.2.2
2009 ICC A117.1 FIG.	308.2.2

NOTE: WHERE REACH DEPTH EXCEEDS 20", THE MAX. HIGH FORWARD REACH SHALL BE 44" IN HEIGHT, AND THE REACH DEPTH SHALL BE 25" MAXIMUM.

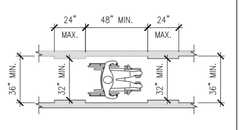


OBSTRUCTED SIDE REACH	
2010 ADAAG FIG.	308.3.1
2009 ICC A117.1 FIG.	308.3.1

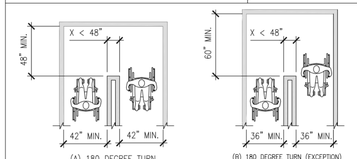
NOTES:
- WHERE REACH DEPTH EXCEEDS 10", THE HIGH SIDE REACH SHALL BE 46" MAXIMUM, FOR A REACH DEPTH OF 24" MAXIMUM.
- OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES SPECIFIED IN FIGURES 308.1 THROUGH 308.1, AS REQUIRED.



OBSTRUCTED HIGH REACH	
2010 ADAAG FIG.	308.3.2
2009 ICC A117.1 FIG.	308.3.2



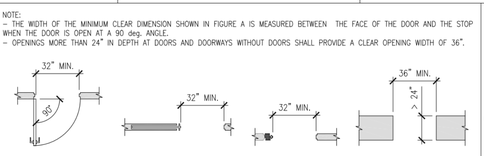
CLEAR WIDTH OF AN ACCESSIBLE ROUTE	
2010 ADAAG FIG.	403.5.1
2009 ICC A117.1 FIG.	403.5



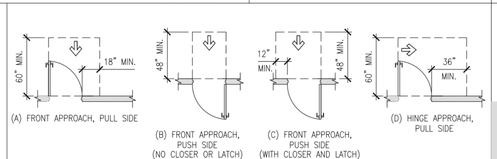
NOTE: WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48" WIDE, CLEAR WIDTH SHALL BE 42" MIN. APPROACHING THE TURN, 48" MIN. AT THE TURN AND 42" LEAVING THE TURN. WHERE THE CLEAR WIDTH AT THE TURN IS 60" MIN., A 36" MIN. CLEAR WIDTH IS REQUIRED.

CLEAR WIDTH AT TURN	
2010 ADAAG FIG.	403.5.2
2009 ICC A117.1 FIG.	403.5.1

NOTE:
- THE WIDTH OF THE MINIMUM CLEAR DIMENSION SHOWN IN FIGURE A IS MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP WHEN THE DOOR IS OPEN AT A 90 deg. ANGLE.
- OPENINGS MORE THAN 24" IN DEPTH AT DOORS AND DOORWAYS WITHOUT DOORS SHALL PROVIDE A CLEAR OPENING WIDTH OF 36".

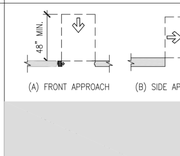


CLEAR WIDTH OF DOORWAYS	
2010 ADAAG FIG.	404.2.3
2009 ICC A117.1 FIG.	404.2.2

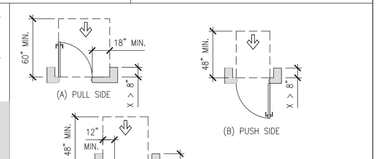


MANEUVERING CLEARANCE (MANUAL SWING DOORS & GATES)	
2010 ADAAG FIG.	404.2.4.1
2009 ICC A117.1 FIG.	404.2.3.2 & 404.2.3.3

***2009 ICC A117.1 REQUIRES ADDITIONAL 12" MANEUVERING CLEARANCE BEYOND LATCH SIDE (NOT REQUIRED BY 2010 ADAAG) AND THEREFORE PROVIDES GREATER ACCESSIBILITY.

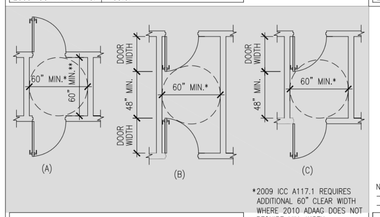


MANEUVERING CLEARANCE AT DOORWAYS WITHOUT DOORS	
2010 ADAAG FIG.	404.2.4.2
2009 ICC A117.1 FIG.	404.2.3.4



NOTE: MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18" OF THE LATCH SIDE OF THE DOORWAY PROJECTS MORE THAN 8" BEYOND THE FACE OF THE DOOR, MEASURED PERPINDICULAR TO THE FACE OF THE DOOR OR GATE.

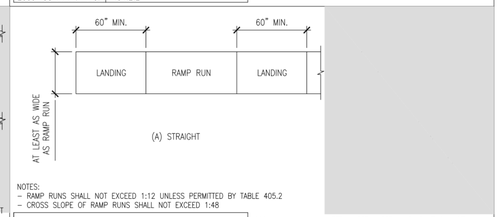
MANEUVERING CLEARANCES AT RECESSED DOORS AND GATES	
2010 ADAAG FIG.	404.2.4.3
2009 ICC A117.1 FIG.	404.2.3.5



*2009 ICC A117.1 REQUIRES ADDITIONAL 60" CLEAR WIDTH WHERE 2010 ADAAG DOES NOT REQUIRE MIN. WIDTH.

**2010 ADAAG REQUIRES 48" MINIMUM

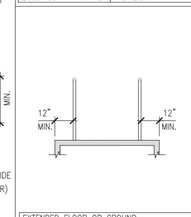
DOOR AND GATES IN SERIES*	
2010 ADAAG FIG.	404.2.6
2009 ICC A117.1 FIG.	404.2.5



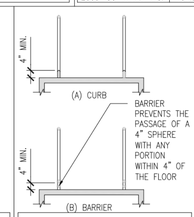
NOTES:
- RAMP RUNS SHALL NOT EXCEED 1:12 UNLESS PERMITTED BY TABLE 405.2
- CROSS SLOPE OF RAMP RUNS SHALL NOT EXCEED 1:48

RAMP LANDINGS	
2010 ADAAG FIG.	405.7
2009 ICC A117.1 FIG.	405.7

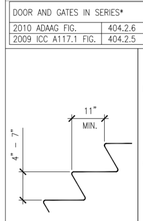
***2010 ADAAG REQUIRED A 60" X 60" LANDING AT CHANGE IN DIRECTION WHERE 2009 ICC A117.1 REQUIRES EITHER A T-TYPE OR TURNING CIRCLE COMPLYING WITH SECTION 304.3, THUS 2010 ADAAG REQUIREMENTS PROVIDE GREATER ACCESSIBILITY.



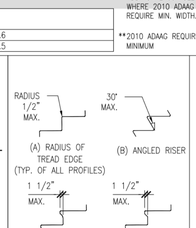
EXTENDED FLOOR OR GROUND SURFACE EDGE PROTECTION	
2010 ADAAG FIG.	405.9.1
2009 ICC A117.1 FIG.	405.9.1



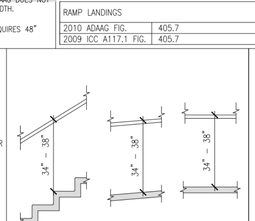
RAMP EDGE PROTECTION	
2010 ADAAG FIG.	405.9.2
2009 ICC A117.1 FIG.	405.9.2



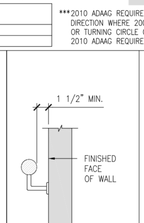
TREADS AND RISERS AT ACCESSIBLE STAIRWAYS	
2010 ADAAG SECTION	504.2
2009 ICC A117.1 FIG.	504.2



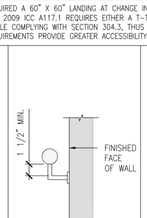
STAIR NOSINGS	
2010 ADAAG FIG.	504.5
2009 ICC A117.1 FIG.	504.5



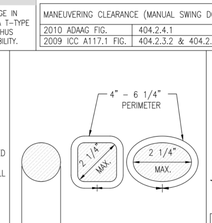
HANDRAIL HEIGHT	
2010 ADAAG FIG.	505.4
2009 ICC A117.1 FIG.	505.4



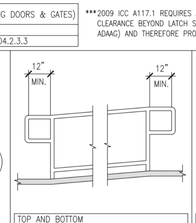
HANDRAIL CLEARANCE	
2010 ADAAG FIG.	505.5
2009 ICC A117.1 FIG.	505.5



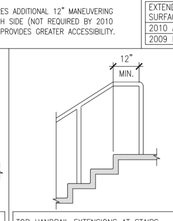
HORIZONTAL PROJECTIONS BELOW THE GRIPPING SURFACE	
2010 ADAAG FIG.	505.6
2009 ICC A117.1 SEC.	505.6



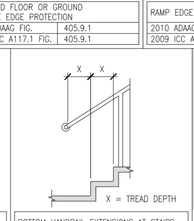
HANDRAILS	
2010 ADAAG SEC./FIG.	SEC. 505.7.1 FIG. 505.7.2
2009 ICC A117.1 SEC.	505.7



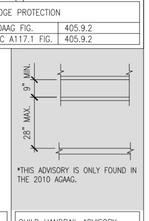
TOP AND BOTTOM HANDRAIL EXTENSIONS AT RAMP	
2010 ADAAG FIG.	505.10
2009 ICC A117.1 FIG.	505.10.1



TOP HANDRAIL EXTENSIONS AT STAIRS	
2010 ADAAG FIG.	505.10.2
2009 ICC A117.1 FIG.	505.10.2



BOTTOM HANDRAIL EXTENSIONS AT STAIRS	
2010 ADAAG FIG.	505.10.3
2009 ICC A117.1 FIG.	505.10.3



*THIS ADVISORY IS ONLY FOUND IN THE 2010 AGAAG.

CHILD HANDRAIL ADVISORY	
2010 ADAAG SECTION	505.4*
2009 ICC A117.1 FIG.	–

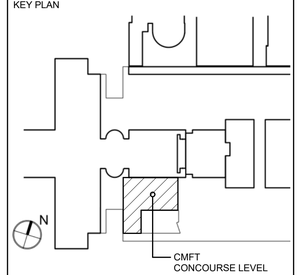
NOTES:
- THE DETAILS ON SHEETS T005.00 AND T006.00 COMBINE THE REQUIREMENTS OF ICC A117.1 – 2009 AND THE 2010 ADAAG STANDARDS.
- THE TEXT OF ICC A117.1 – 2009 AND THE 2004 ADAAG PREVAILS OVER DRAWN FIGURES.
- WHERE THERE IS A DIFFERENCE IN THE ICC A117.1 – 2009 AND THE 2004 ADAAG – THE DETAILS ON SHEETS T005.00 AND T006.00 ARE SHOWN THUS
- WHEN APPLYING THESE WALL AND DOOR CLEARANCES TO THE DRAWINGS, ALWAYS ADD AT LEAST 1" TO ALLOW FOR WALL FINISHES AND TRADE TOLERANCES

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

ACCESSIBILITY DIAGRAMS 1 OF 2

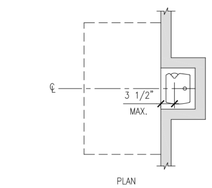
SCALE:

DATE:
12 JUNE 2023

DRAWING NO.:

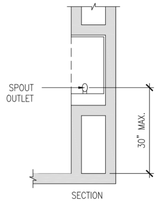
T.002

REGISTERED ARCHITECT
STATE OF NEW YORK



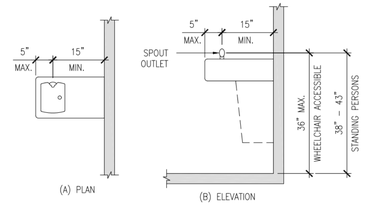
PLAN

CHILDREN'S USE PARALLEL APPROACH AT DRINKING FOUNTAINS	
2010 ADAAG SECTION	602.2 EXCEPTION
2009 ICC A117.1 FIG.	602.2



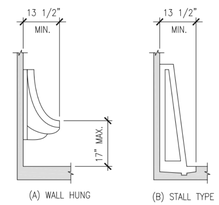
SECTION

CHILDREN'S USE DRINKING FOUNTAIN SPOUT LOCATION	
2010 ADAAG SECTION	602.2 EXCEPTION
2009 ICC A117.1 FIG.	602.2



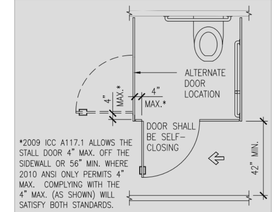
(A) PLAN (B) ELEVATION

ADULT DRINKING FOUNTAIN SPOUT LOCATION	
2010 ADAAG FIG.	602.5
2009 ICC A117.1 FIG.	602.5

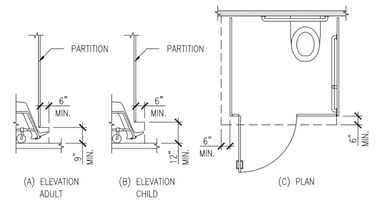


(A) WALL HUNG (B) STALL TYPE

HEIGHT AND DEPTH OF URINALS	
2010 ADAAG FIG.	605.2
2009 ICC A117.1 FIG.	605.2



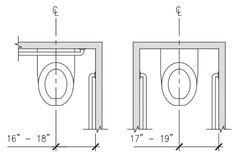
WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT DOORS	
2010 ADAAG FIG.	604.8.1.2
2009 ICC A117.1 FIG.	604.9.3.1 (A) & (B)



(A) ELEVATION ADULT (B) ELEVATION CHILD (C) PLAN

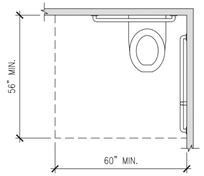
WHEELCHAIR ACCESSIBLE COMPARTMENT TOE CLEARANCE	
2010 ADAAG FIG.	604.8.1.4
2009 ICC A117.1 FIG.	604.9.5

AMBULATORY ACCESSIBLE TOILET COMPARTMENT	
2010 ADAAG FIG.	604.8.2
2009 ICC A117.1 FIG.	604.10



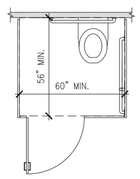
(A) ADULT WHEELCHAIR ACCESSIBLE WATER CLOSET (B) ADULT AMBULATORY ACCESSIBLE WATER CLOSET

ADULT WATER CLOSET LOCATION	
2010 ADAAG FIG.	604.2
2009 ICC A117.1 FIG.	604.2

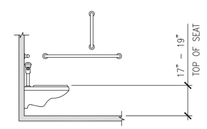


NOTE: NO FIXTURES OR OBSTRUCTIONS ARE PERMITTED WITHIN THE WATER CLOSET CLEARANCE

ADULT SIZE OF CLEARANCE AT WATER CLOSETS	
2010 ADAAG FIG.	604.3.1
2009 ICC A117.1 FIG.	604.3

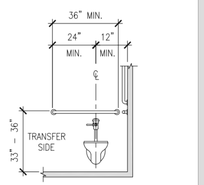


ADULT WALL HUNG WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT	
2010 ADAAG FIG.	604.8.1.1(A)
2009 ICC A117.1 FIG.	604.9.2



ADULT TOILET SEAT HEIGHT	
2010 ADAAG SECTION	604.4
2009 ICC A117.1 FIG.	604.4

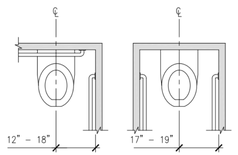
ADULT SIDE WALL GRAB BARS	
2010 ADAAG FIG.	604.5.1
2009 ICC A117.1 FIG.	604.5.1



ADULT REAR WALL GRAB BARS AT WATER CLOSETS	
2010 ADAAG FIG.	604.5.2
2009 ICC A117.1 FIG.	604.5.2

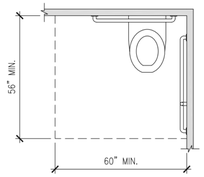
ADULT DISPENSER OUTLET LOCATION	
2010 ADAAG FIG.	604.7
2009 ICC A117.1 FIG.	604.7

*2010 ADAAG ALLOWS A LOWER MINIMUM HEIGHT OF 15" MIN. HOWEVER 18" MIN. REQUIREMENT OF 2009 ICC A117.1 WILL PROVIDE COMPLIANCE WITH BOTH STANDARDS.
**THIS IS ONLY A REQUIREMENT FOUND IN 2010 ADAAG.



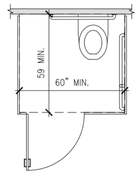
(A) CHILD WHEELCHAIR ACCESSIBLE WATER CLOSET (B) CHILD AMBULATORY ACCESSIBLE WATER CLOSET

CHILD WATER CLOSET LOCATION	
2010 ADAAG SECTION	604.9.1
2009 ICC A117.1 FIG.	604.11.2

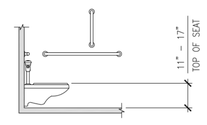


NOTE: NO FIXTURES OR OBSTRUCTIONS ARE PERMITTED WITHIN THE WATER CLOSET CLEARANCE

CHILD SIZE OF CLEARANCE AT WATER CLOSETS	
2010 ADAAG FIG.	604.3.1
2009 ICC A117.1 FIG.	604.11.3

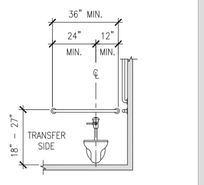


CHILD WALL HUNG WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT	
2010 ADAAG SEC./FIG.	604.8.1.1
2009 ICC A117.1 FIG.	604.9.2(B)

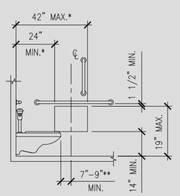


CHILD TOILET SEAT HEIGHT	
2010 ADAAG SECTION	604.9.3
2009 ICC A117.1 FIG.	604.11.4

CHILD SIDE WALL GRAB BARS	
2010 ADAAG SECTION	604.5 & 604.9.4
2009 ICC A117.1 FIG.	609.4.2(A)

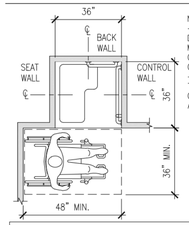


CHILD WALL GRAB BARS AT WATER CLOSETS	
2010 ADAAG FIG.	604.5 & 604.9.4
2009 ICC A117.1 FIG.	609.4.2(B)



CHILD DISPENSER OUTLET LOCATION	
2010 ADAAG SEC.	604.9.6
2009 ICC A117.1 FIG.	604.11.7

*NOTE: THIS IS ONLY A REQUIREMENT FOUND IN 2009 – ICC A117.1
**NOTE: THIS IS ONLY A REQUIREMENT FOUND IN 2010 ADAAG.

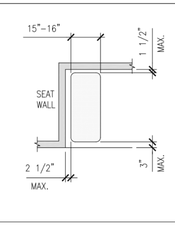


NOTE:
–INSIDE FINISHED DIMENSIONS ARE MEASURED AT THE CENTER POINTS OF OPPOSING SIDES.
–DIMENSIONS OF THE SHOWER COMPARTMENT SIZE ARE ABSOLUTE.

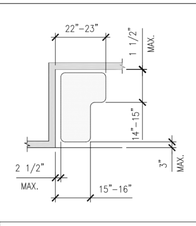
TRANSFER TYPE SHOWER COMPARTMNENT SIZE & CLEARANCE	
2010 ADAAG FIG.	608.2.1
2009 ICC A117.1 FIG.	608.2.1

*2010 ADAAG DOES NOT REQUIRE A VERTICAL GRAB BAR.

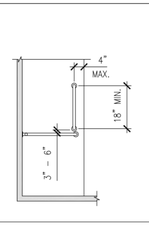
GRAB BARS IN TRANSFER TYPE SHOWERS	
2010 ADAAG FIG.	608.3.1
2009 ICC A117.1 FIG.	608.3.1



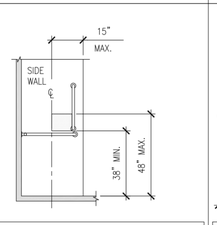
RECTANGULAR SHOWER COMPARTMENT SEAT	
2010 ADAAG FIG.	610.3 & 610.3.1
2009 ICC A117.1 FIG.	610.3.1



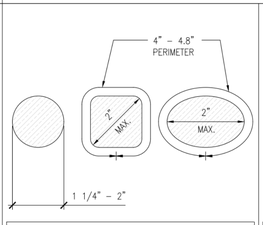
L–SHAPED SHOWER COMPARTMENT SEAT	
2010 ADAAG FIG.	610.3 & 610.3.2
2009 ICC A117.1 FIG.	610.3.2



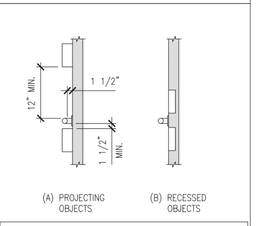
TRANSFER TYPE VERTICAL GRAB BAR	
2010 ADAAG FIG.	–
2009 ICC A117.1 SEC.	608.3.1.2



TRANSFER TYPE SHOWER CONTROLS	
2010 ADAAG FIG.	608.5.1
2009 ICC A117.1 FIG.	608.4.1

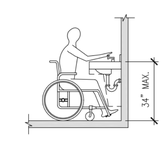


SIZE OF GRAB BARS	
2010 ADAAG SEC./FIG.	609.2.1 & 609.2.2
2009 ICC A117.1 FIG.	609.2



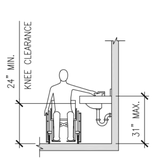
(A) PROJECTING OBJECTS (B) RECESSED OBJECTS

SPACING OF GRAB BARS	
2010 ADAAG FIG.	609.3
2009 ICC A117.1 FIG.	609.3

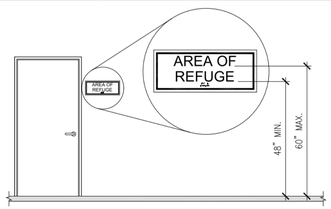


NOTE:
– PROVIDE A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH AS PER SECTION 305.
– PROVIDE TOE AND KNEE CLEARANCE AS PER SECTION 306.

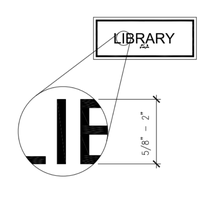
ADULT USE HEIGHT OF LAVATORIES AND SINKS	
2010 ADAAG SECTION	606.2
2009 ICC A117.1 FIG.	606.3



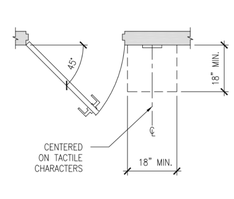
CHILD USE (AGES 6 – 12 ONLY) HEIGHT OF LAVATORIES AND SINKS	
2010 ADAAG SECTION	606.2 (EX. 4&5)
2009 ICC A117.1 SEC.	606.2 (EX. 3)



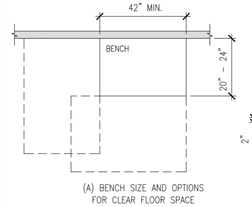
HEIGHT OF TACTILE CHARACTERS ABOVE FLOOR / GROUND	
2010 ADAAG FIG.	703.4.1
2009 ICC A117.1 FIG.	703.3.10



HEIGHT OF RAISED CHARACTERS	
2010 ADAAG FIG.	703.2.5
2009 ICC A117.1 FIG.	703.3.5

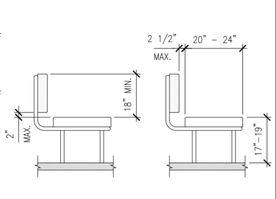


LOCATION OF TACTILE SIGNS AT DOORS	
2010 ADAAG FIG.	703.4.2
2009 ICC A117.1 FIG.	703.3.11



(A) BENCH SIZE AND OPTIONS FOR CLEAR FLOOR SPACE

BENCHES	
2010 ADAAG FIG.	903.4
2009 ICC A117.1 FIG.	903.4



(B) BENCH BACK SUPPORT AND SEAT HEIGHT

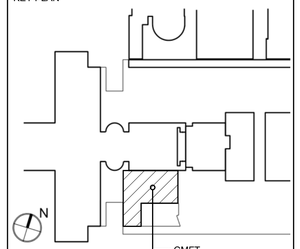
NOTES:
– THE DETAILS ON SHEETS T005.00 AND T006.00 COMBINE THE REQUIREMENTS OF ICC A117.1 – 2009 AND THE 2010 ADAAG STANDARDS.
– THE TEXT OF ICC A117.1 – 2009 AND THE 2004 ADAAG PREVAILS OVER DRAWN FIGURES.
– WHERE THERE IS A DIFFERENCE IN THE ICC A117.1 – 2009 AND THE 2004 ADAAG – THE DETAILS ON SHEETS T005.00 AND T006.00 ARE SHOWN THUS
– WHEN APPLYING THESE WALL AND DOOR CLEARANCES TO THE DRAWINGS, ALWAYS ADD AT LEAST 1" TO ALLOW FOR WALL FINISHES AND TRADE TOLERANCES

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

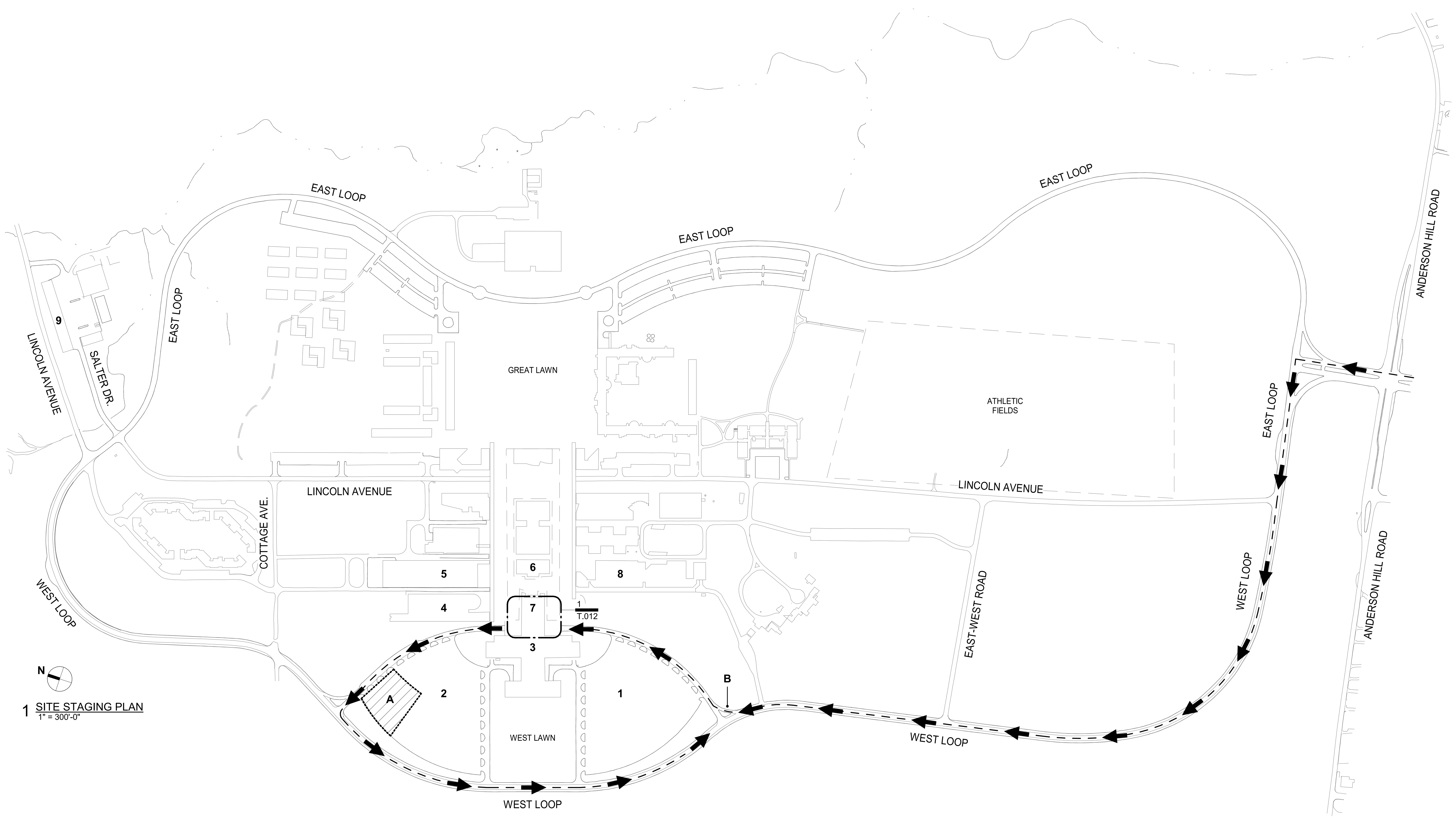
ACCESSIBILITY DIAGRAMS 2 OF 2

SCALE:

DATE:
12 JUNE 2023

DRAWING NO.:

T.003



1 SITE STAGING PLAN
1" = 300'-0"

LOGISTICS NOTES

1. THE STATE UNIVERSITY OF NEW YORK PURCHASE COLLEGE SHALL BE ACTIVELY OCCUPIED DURING THE COURSE OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH THE CAMPUS FOR PERIODIC CLOSURES AND MAINTENANCE OF PEDESTRIAN TRAFFIC ROUTES THROUGH AND AROUND ANY ACTIVE WORK AREA.
2. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL FENCING ON THE PROJECT FOR REVIEW BY THE CAMPUS AND ARCHITECT. SHOP DRAWINGS SHALL INCLUDE THE EXTENTS OF FENCING LAYOUT, GATES AND LOCATIONS OF NEARBY FIRE HYDRANTS.
3. WHERE MEANS OF EGRESS & EXIT SIGNS ARE OBSTRUCTED DURING CONSTRUCTION, CONTRACTOR SHALL PROVIDE WAY-FINDING, OBTAINING APPROVAL FROM COLLEGE & ARCHITECT.
4. CONTRACTOR SHALL PROVIDE TEMPORARY LIGHTING AT ALL TIMES DURING THE COURSE OF THE WORK WHERE EXISTING LIGHT FIXTURES HAVE BEEN REMOVED DUE TO WORK IN THE CONTRACT. TEMPORARY LIGHTING LEVELS MAINTAINED SHALL NOT BE LESS THAN ONE-HALF (1/2) FOOT CANDLE PER SQUARE FOOT AT ANY LOCATION ON THE WALKING SURFACE OF THE PLAZA.
5. CONTRACTOR SHALL NOT PARK IN TRAFFIC LANES AND ALLOW FOR EMERGENCY VEHICLE ACCESS TO AS FAR AS THE OUTER LIMITS OF THE NORTH AND SOUTH ARCADES.
6. THE SITE PHASING AND LOGISTICS PLANS SHOWN ON THE CONSTRUCTION DOCUMENTS REPRESENT ONE APPROACH. CONTRACTOR MUST OBTAIN APPROVAL FROM SUCF & COLLEGE PRIOR TO PROCEEDING, AND NOTE WHETHER ALTERNATE STRATEGIES ARE BEING IMPLEMENTED.
7. ALL CONSTRUCTION FENCES ENCLOSING THE STAGING AREA FOR THE PROJECT SHALL BE FREE-STANDING. HEIGHT OF THE CONSTRUCTION FENCE SHALL BE 8'-0" MINIMUM ABOVE GRADE AND SHALL HAVE MESH WRAPPING.
8. ALL EXISTING PLAZA PAVERS WITHIN THE PROJECT LIMITS / CIRCULATION ROUTES / SCOPE AND FENCING LINES SHALL BE PROTECTED WITH 1/2" THICK PLYWOOD THROUGHOUT THE COURSE OF THE PROJECT. WHERE OBSTRUCTED BY DOOR SWINGS, PROVIDE MASONITE FOR GROUND PROTECTION.
9. CONTRACTOR TO ENSURE AREAS BEYOND PROJECT SCOPE ARE FREE OF DEBRIS AND DAMAGES. MAINTAIN OR RESTORE TO BROOM CLEAN CONDITION ON A DAILY BASIS.

PLAN KEY

1. PARKING LOT WEST 1
2. PARKING LOT WEST 2
3. PERFORMING ARTS CENTER
4. MUSIC BUILDING
5. DANCE BUILDING
6. BOOK STORE
7. CMFT BUILDING (AREA OF WORK INSIDE)
8. VISUAL ARTS BUILDING
9. SUCF/COLLEGE SITE OFFICE

A. CONTRACTOR PARKING; CAMPUS PERMIT REQUIRED AND PROJECT TRAILER & STAGING AREA
B. FLAGMAN LOCATION FOR TRUCK WALK-IN

NOTE: REFER TO PLAN CALLOUT FOR ENLARGED PLAN AT AREA OF WORK

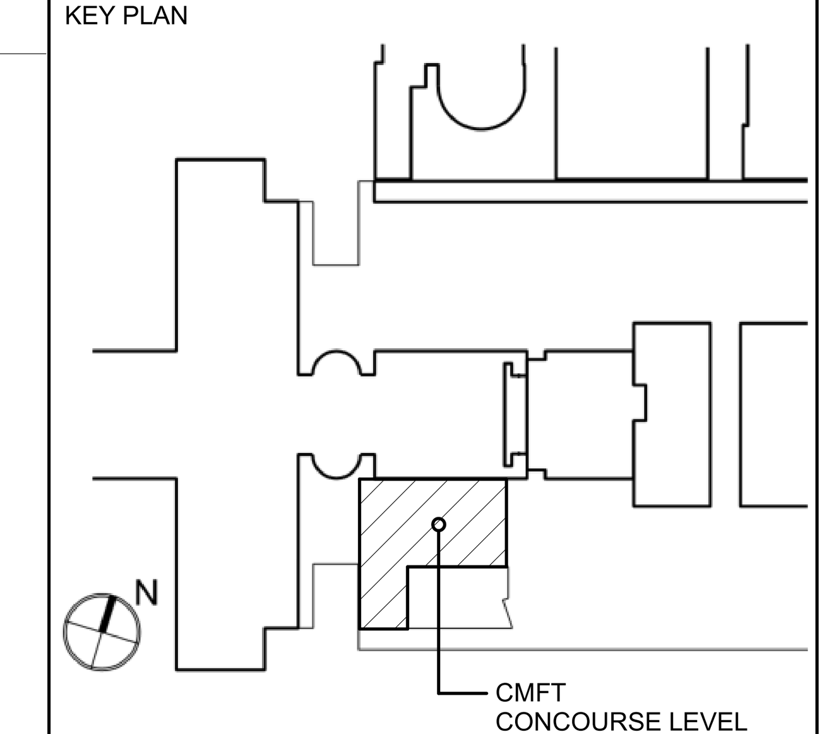
LEGEND

AREA OF NO WORK (SEE LOGISTICS NOTE 9)
EXTERIOR PAVERS TO REMAIN (SEE LOGISTICS NOTE 8)
APPROXIMATE AREA OF WORK AND/OR STAGING
SITE BARRICADE WITH GRAPHICS
CONSTRUCTION FENCE/BARRIER
VEHICLE / TRUCK ROUTE
CONSTRUCTION ACCESS ROUTE
PEDESTRIAN ACCESS ROUTE
BUILDING ENTRANCE / EXIT

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

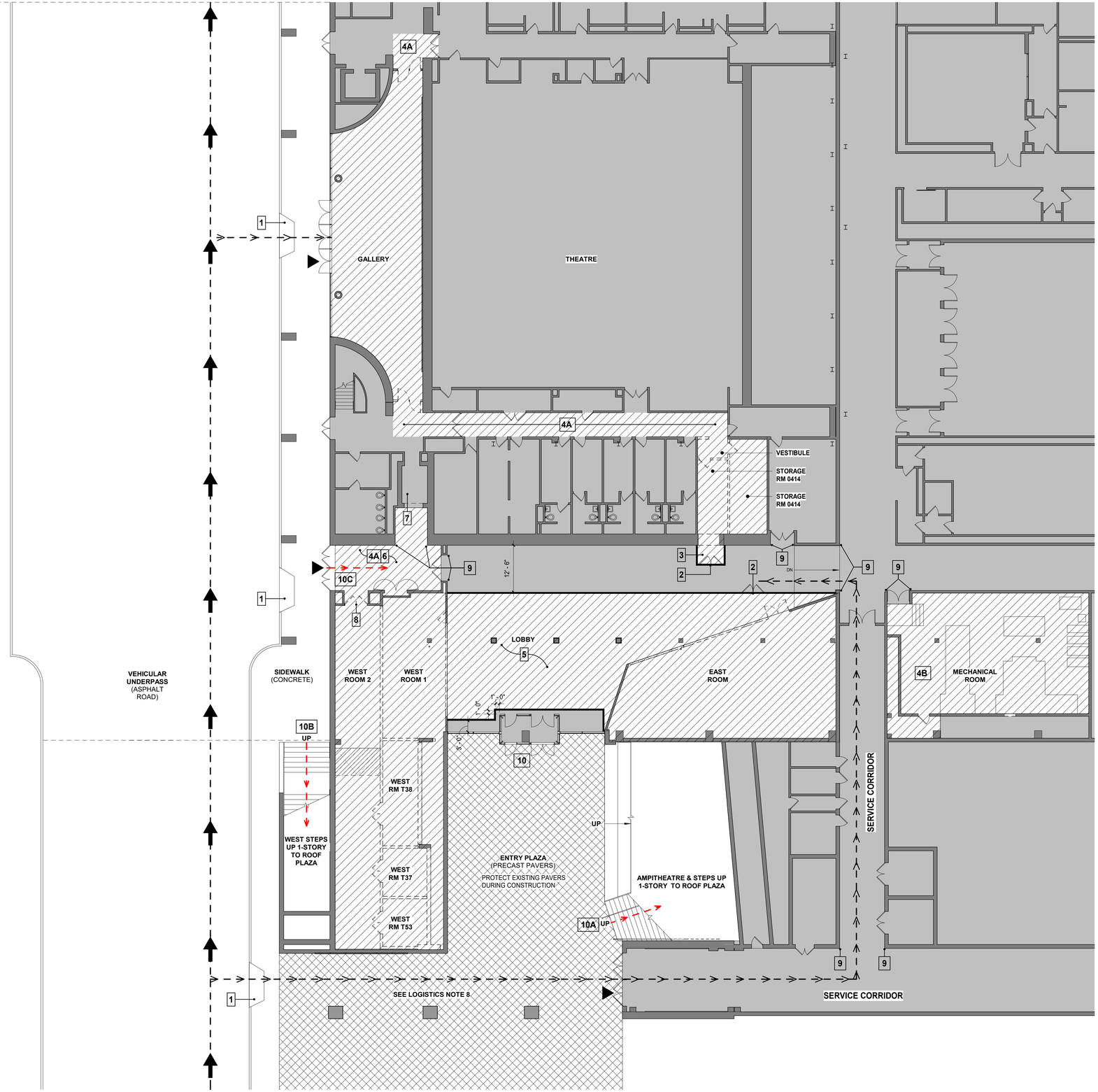
DRAWING TITLE:
CONSTRUCTION STAGING & TRUCK ROUTE PLAN

SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
T.011

REGISTERED ARCHITECT
STATE OF NEW YORK



1 LOGISTICS PLAN
1 : 160

LOGISTICS NOTES

1. THE STATE UNIVERSITY OF NEW YORK PURCHASE COLLEGE SHALL BE ACTIVELY OCCUPIED DURING THE COURSE OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH THE CAMPUS FOR PERIODIC CLOSURES AND MAINTENANCE OF PEDESTRIAN TRAFFIC ROUTES THROUGH AND AROUND ANY ACTIVE WORK AREA.
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8. ALL EXISTING PLAZA PAVERS WITHIN THE PROJECT LIMITS / CIRCULATION ROUTES / SCOPE AND FENCING LINES SHALL BE PROTECTED WITH 1/2" THICK PLYWOOD THROUGHOUT THE COURSE OF THE PROJECT. WHERE OBSTRUCTED BY DOOR SWINGS, PROVIDE MASONITE FOR GROUND PROTECTION.
9. CONTRACTOR TO ENSURE AREAS BEYOND PROJECT SCOPE ARE FREE OF DEBRIS AND DAMAGES. MAINTAIN OR RESTORE TO BROOM CLEAN CONDITION ON A DAILY BASIS.

PLAN TAG KEY

1. EXISTING CONCRETE CURB RAMP TO REMAIN AT SIDEWALK.
2. INSTALL TEMPORARY NON-RATED PARTITION FROM FLOOR TO CEILING, WITH 6'-0"W x 7'-0"H DOUBLE DOOR WITH SWING CLEAR HINGES.
3. PROTECT EXISTING FLOORING & CEILING TO REMAIN ADJACENT TO AREA OF WORK. REPAIR/REPLACE WHERE DAMAGED BY CONSTRUCTION.
4. PERFORM PROPOSED WORK IN COORDINATION WITH BUILDING OCCUPANCY. COORDINATE ANY DISRUPTIONS WITH COLLEGE. REFER TO DEMOLITION & PROPOSED PLANS D101 & A101:
   - A. DO NOT OBSTRUCT MEANS OF EGRESS.
   - B. DO NOT DISRUPT BUILDING SYSTEMS OPERATIONS
5. TEMPORARY STORAGE AREA, PROTECT EXISTING FLOORING AND CEILING.
6. AREA TO REMAIN ACCESSIBLE 24/7 FOR ELEVATOR ACCESS TO/FROM MAIN PLAZA. COORDINATE ANY DISRUPTIONS WITH COLLEGE.
7. EXISTING ELEVATOR TO MAIN PLAZA AND PAC UPPER FLOORS
8. INSTALL PERMANENT PARTITION UPON DEMO FOR JOB SITE SECURITY.
9. PROTECT CORNERS OF EXISTING PARTITIONS IN AREAS OF WORK & ACCESS ROUTES.
10. EXISTING LOBBY ENTRANCE WILL BE OFFLINE THROUGH CONSTRUCTION. PEDESTRIAN ACCESS MAINTAINED AT:
    - A. AMPITHEATRE/STEPS TO PLAZA-LEVEL ENTRANCE.
    - B. WEST STEPS TO PLAZA-LEVEL ENTRANCE.
    - C. WEST VESTIBULE TO LOBBY.

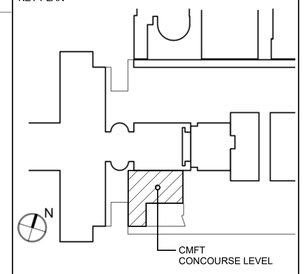
LEGEND

- AREA OF NO WORK (SEE LOGISTICS NOTE 9)
- EXTERIOR PAVERS TO REMAIN (SEE LOGISTICS NOTE 8)
- APPROXIMATE AREA OF WORK AND/OR STAGING
- SITE BARRICADE WITH GRAPHICS
- CONSTRUCTION FENCE/BARRIER
- VEHICLE / TRUCK ROUTE
- CONSTRUCTION ACCESS ROUTE
- PEDESTRIAN ACCESS ROUTE
- BUILDING ENTRANCE / EXIT

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
LOGISTICS PLAN

SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
T.012

REGISTERED ARCHITECT — 034456 — STATE OF NEW YORK

DESCRIPTION OF WORK AND CODE REQUIREMENTS

ALT. LEVEL-2 (2020 EXISTING BUILDING CODE OF NEW YORK STATE, SECTION 603):

- RECONFIGURATION OF EXISTING UNFINISHED SPACES (UNOCCUPIED CONVERTED TO B OCCUPANCY).
- TWO NEW SINGLE FIXTURE RESTROOMS (FROM S OCCUPANCY).
- CONVERSION OF GALLERY SPACE TO OPEN OFFICES (A OCCUPANCY CONVERTED TO B OCCUPANCY).
- MODIFICATION OF EXISTING HVAC, PLUMBING, AND ELECTRICAL SERVICES

PROPOSED GENERAL BUILDING INFORMATION

APPLICABLE CODES:
- 2020 NYS ENERGY CONSERVATION CONSTRUCTION CODE, AS AMENDED BY THE 2020 NYSTRETCH
- 2020 ENERGY CONSERVATION OF NEW YORK STATE
- 2020 NYS UNIFORM FIRE PREVENTION AND BUILDING CODE
- NATIONAL ELECTRICAL CODE (NFPA 70) 2017
- 2010 ADA STANDARDS

OCCUPANCY GROUP:	A-3, B
ACCESSORY OCCUPANCY:	S
EXISTING CONSTRUCTION TYPE:	1-B
STRUCTURAL OCCUPANCY/ RISK CATEGORY:	III
ALLOWABLE AREA / STORY: (PER TABLE 504.4)	A OCCUPANCY / 12-STORIES B OCCUPANCY / 12-STORIES
WORK AREA:	9,075 SF
OCCUPANT LOAD: (PER TABLE 1004.5)	155p (ADDED OCC. WITHIN PROJECT SCOPE) 198p (EXISTING A-1 OCC. IS BEYOND PROJECT SCOPE) 148p (EXISTING B OCC. IS BEYOND PROJECT SCOPE)
SPRINKLERED BUILDING:	YES

FIRE RESISTANCE RATINGS IN HOURS: (PER TABLE 601)

PRIMARY STRUCTURAL FRAME	2
EXTERIOR BEARING WALLS	2
NONBEARING EXTERIOR WALLS	REFER TO TABLE 602
FLOOR CONSTRUCTION	2
ROOF CONSTRUCTION	1
SHAFTS	2 (PER 713.4)
CORRIDOR	0

TRAVEL DISTANCE: (PER TABLE 1017.2)	300'
DEAD END CORRIDOR DISTANCE: (PER 1020.4)	50'

PROPOSED PLACE OF ASSEMBLY: ORIENTATION ROOM (RM NO. 003)

OCCUPANCY GROUP:	A-3
FIRE RESISTANCE RATING:	0-HOUR (PER NYS BC 508.2.4, NO SEPARATION IS REQUIRED BETWEEN ACCESSORY OCCUPANCIES AND THE MAIN OCCUPANCY)

NOTES:

1. REFER TO SHEET G.002 FOR DETAILED CODE COMPLIANCE PLAN.
2. PLUMBING FIXTURE COUNTS ARE COMPLIANT AND DETAILED BELOW:

TABLE 1 - CODE REFERENCE
PER TABLE 2902.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

	A-3	B
W/C (M)	1 per 125p	1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50
W/C (F)	1 per 65p	1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50
Lav (M)	1 per 200p	1 per 40 for the first 80 and 1 per 80 for the remainder exceeding 80
Lav (F)	1 per 200p	1 per 40 for the first 80 and 1 per 80 for the remainder exceeding 80

TABLE 2 - CALCULATIONS FOR ADDITIONAL REQUIRED FIXTURES

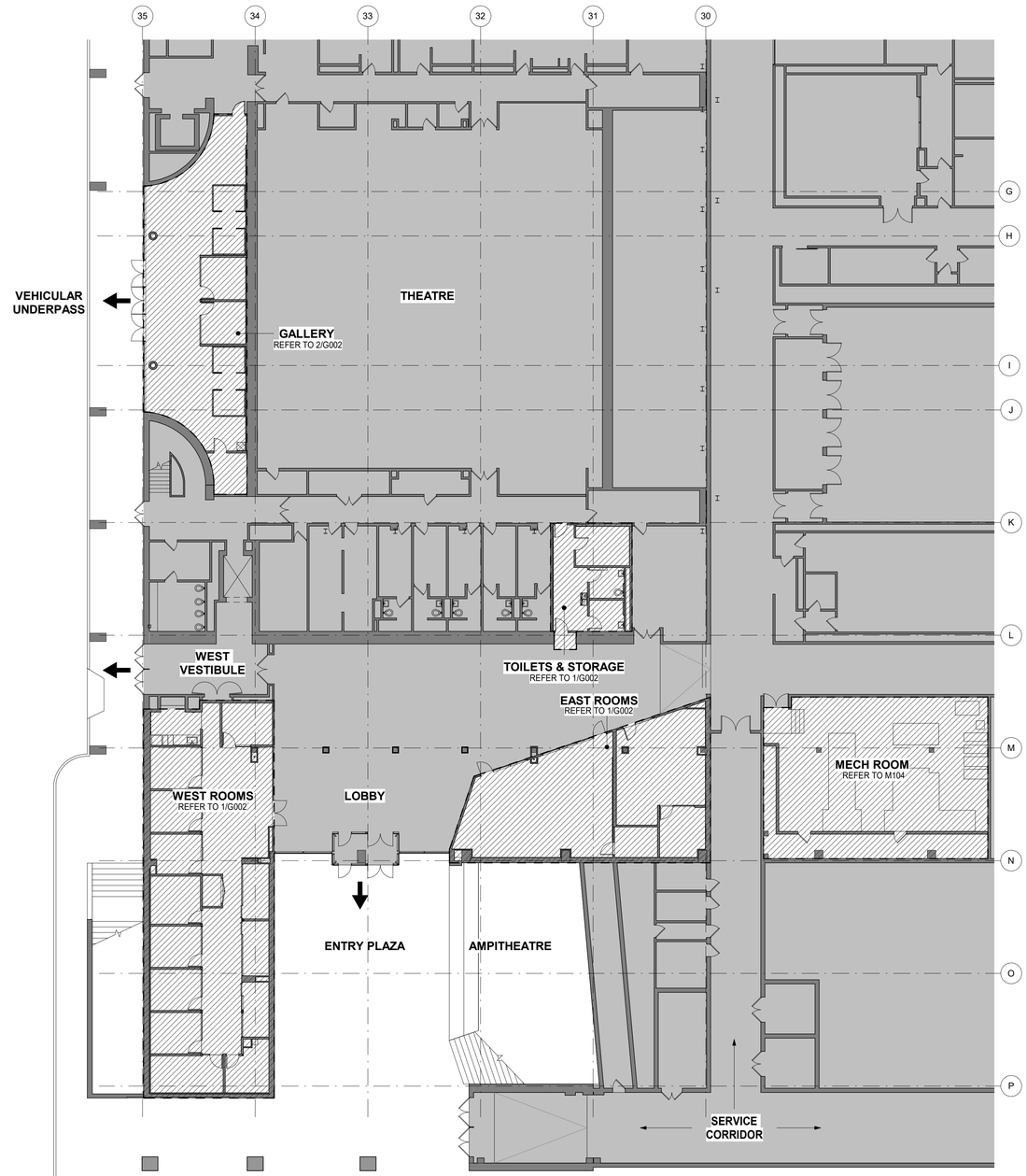
	A-3 = 120p added, therefore 60p (M) and 60p (F)	B = 47p adde, therefore round to 24p (M) and 24p (F)
W/C (M)	1	1
W/C (F)	1	1
Lav (M)	1	1
Lav (F)	1	1

TABLE 3 - REQUIRED FIXTURES

	W/C (M)	W/C (F)	LAV (M)	LAV (F)
A-1 (EXISTING)				
CONCOURSE	1	2	1	1
FLOOR 1	1	1	1	1
FLOOR 2	1	1	1	1
FLOOR 3	0	0	0	0
B (EXISTING)				
CONCOURSE	3	3	2	2
FLOOR 1	1	1	1	1
FLOOR 2	2	2	2	2
FLOOR 3	3	3	2	2
EXISTING REQUIRED (A-1 & B OCC)	12	13	10	10
A-3 (ADDED WITHIN PROJECT SCOPE)				
CONCOURSE	1	1	1	1
FLOOR 1	0	0	0	0
FLOOR 2	0	0	0	0
FLOOR 3	0	0	0	0
B (ADDED WITHIN PROJECT SCOPE)				
CONCOURSE	1	1	1	1
FLOOR 1	0	0	0	0
FLOOR 2	0	0	0	0
FLOOR 3	0	0	0	0
NEW REQUIRED (A-3 & B OCC)	2	2	2	2
TOTAL REQUIRED, EXISTING & NEW	14	15	12	12

TABLE 4 - PROVIDED FIXTURES

	W/C (M)	W/C (F)	LAV (M)	LAV (F)
EXISTING				
CONCOURSE	7	8	6	6
FLOOR 1	2	2	2	2
FLOOR 2	2	2	2	2
FLOOR 3	2	2	2	2
NEW (ADDED WITHIN PROJECT SCOPE)				
CONCOURSE	1	1	1	1
FLOOR 1	0	0	0	0
FLOOR 2	0	0	0	0
FLOOR 3	0	0	0	0
TOTAL PROVIDED, EXISTING & NEW	14	15	13	13



1 AREAS OF WORK
1/16" = 1'-0"

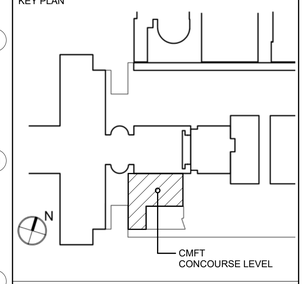
LEGEND FOR CLASSIFICATIONS OF WORK
(SEE PLANS)

- ALTERATION LEVEL 2
- NO WORK

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

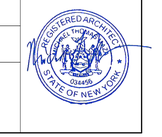
CODE COMPLIANCE PLAN - KEY PLAN & NOTES

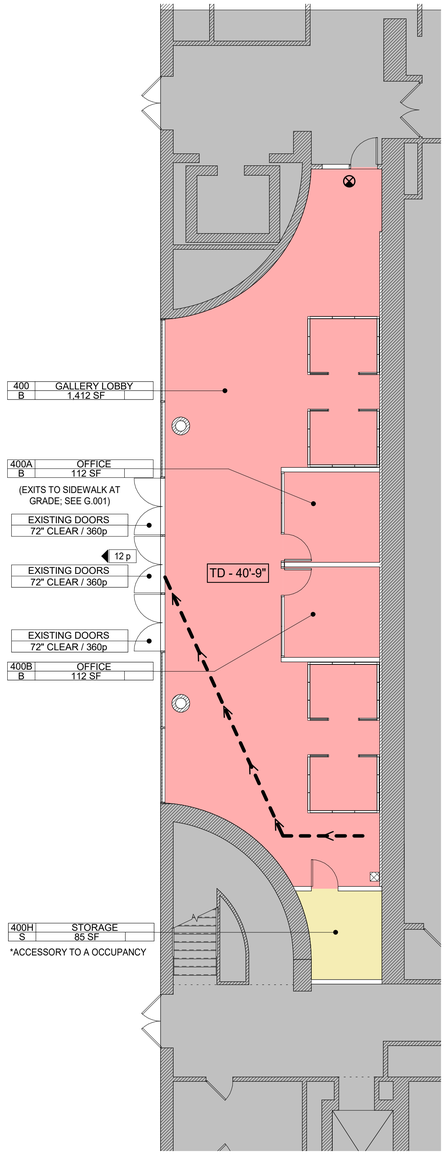
SCALE: 1/16" = 1'-0"

DATE: 12 JUNE 2023

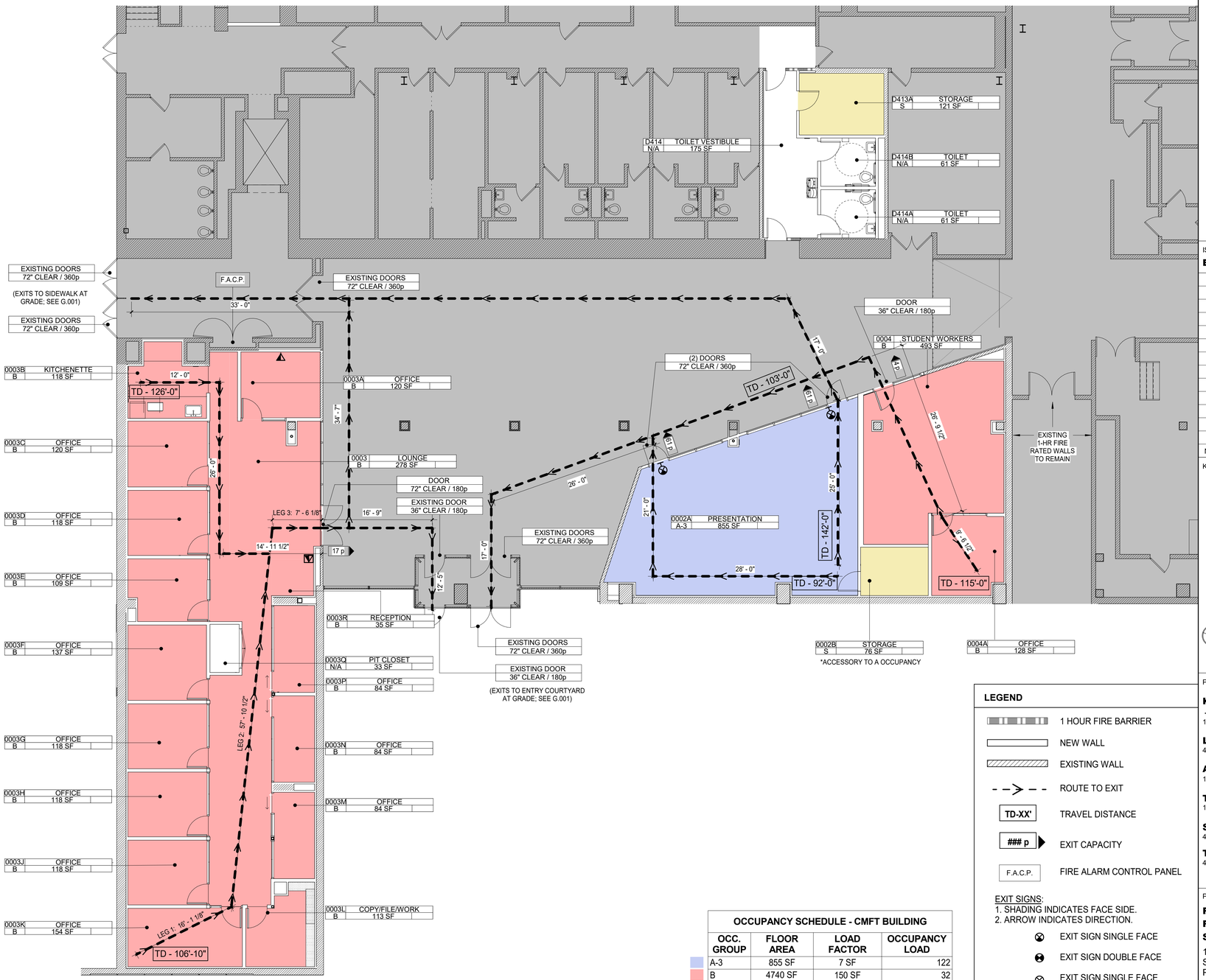
DRAWING NO.:

G.001





1 CODE COMPLIANCE PLAN - GALLERY
1/8" = 1'-0"



2 CODE COMPLIANCE PLAN - MAIN
1/8" = 1'-0"

OCCUPANCY SCHEDULE - CMFT BUILDING			
OCC. GROUP	FLOOR AREA	LOAD FACTOR	OCCUPANCY LOAD
A-3	855 SF	7 SF	122
B	4740 SF	150 SF	32
S	281 SF	300 SF	1
		TOTAL OCC =	155

LEGEND

- 1 HOUR FIRE BARRIER
- NEW WALL
- EXISTING WALL
- ROUTE TO EXIT
- TD-XX' — TRAVEL DISTANCE
- ### p — EXIT CAPACITY
- F.A.C.P. — FIRE ALARM CONTROL PANEL

EXIT SIGNS:
1. SHADING INDICATES FACE SIDE.
2. ARROW INDICATES DIRECTION.

- EXIT SIGN SINGLE FACE
- EXIT SIGN DOUBLE FACE
- EXIT SIGN SINGLE FACE W/ DIRECTIONAL ARROW
- EXIT SIGN DOUBLE FACE W/ DIRECTIONAL ARROW

ROOM TAG:

ROOM #	ROOM NAME	
OCCUPANCY	AREA (SQ. FT.)	NOTES

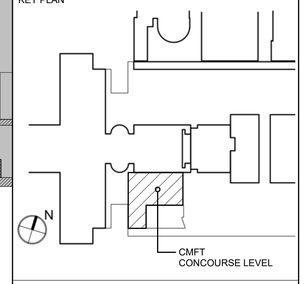
STAIR & EXIT TAG:

STAIR or DOOR ID
CLEAR WIDTH / CAPACITY

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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1906
SUNY Purchase College
Purchase, NY 10577

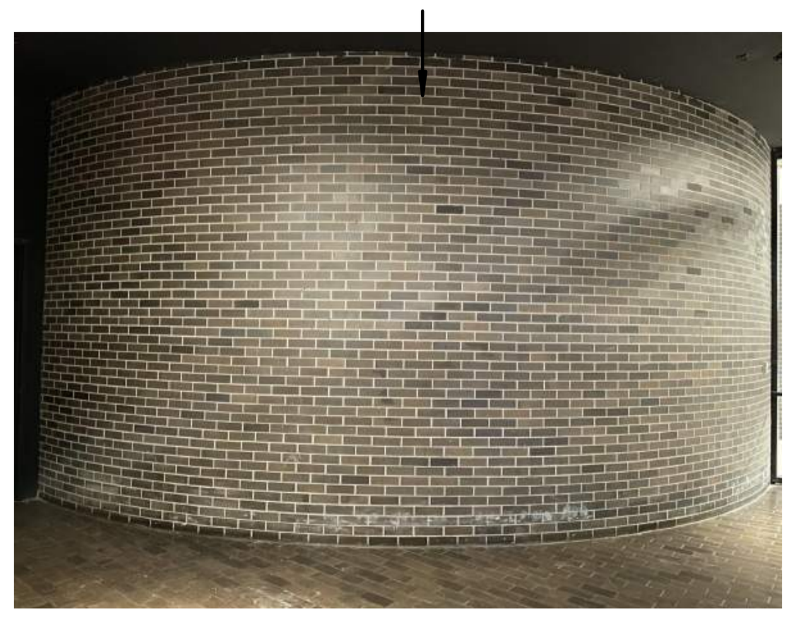
DRAWING TITLE:
CODE COMPLIANCE PLAN - FLOOR PLAN

SCALE:
As indicated

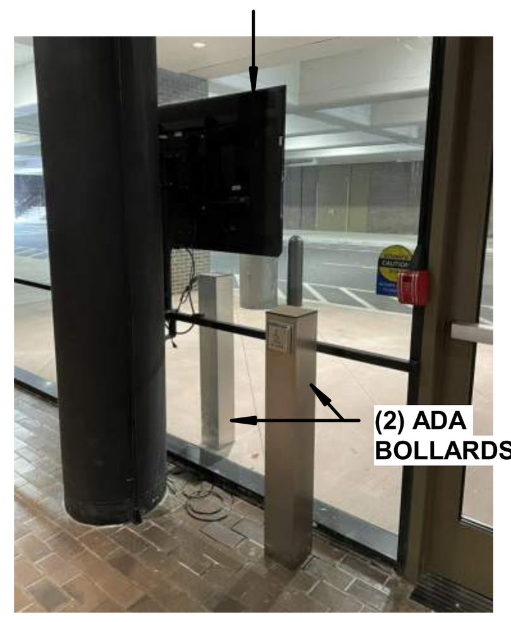
DATE:
12 JUNE 2023

DRAWING NO.:
G.002

GALLERY PHOTOS



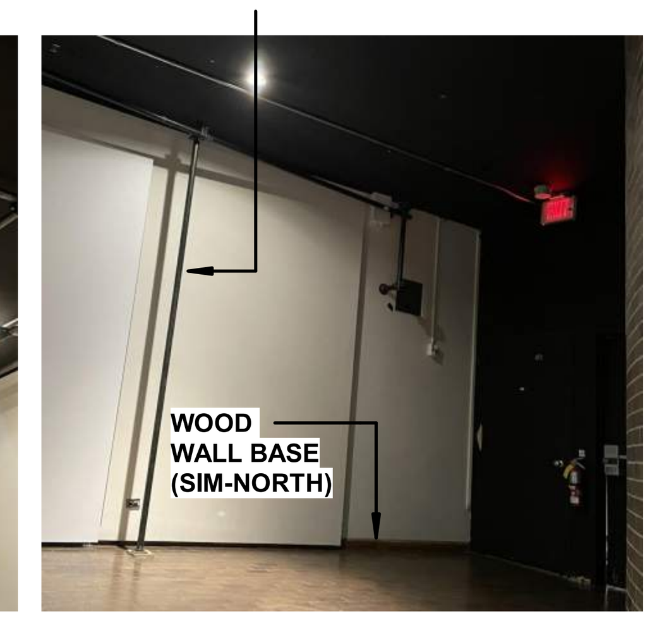
G-1: BRICK WALL, TYP. NORTH & SOUTH ENDS OF ROOM



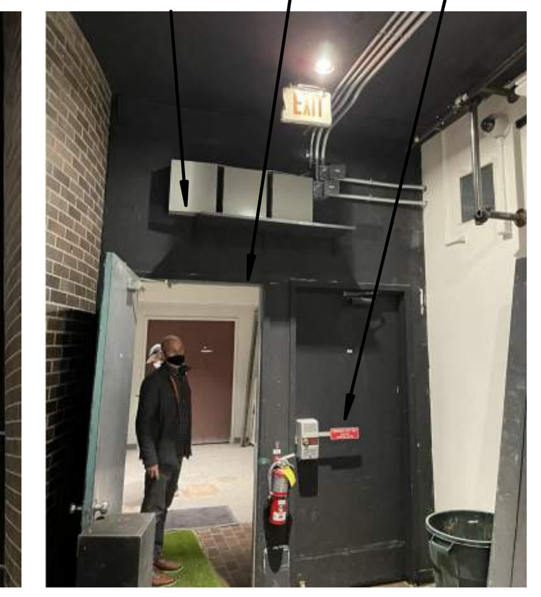
G-2: WEST WALL

G-3: WEST WALL

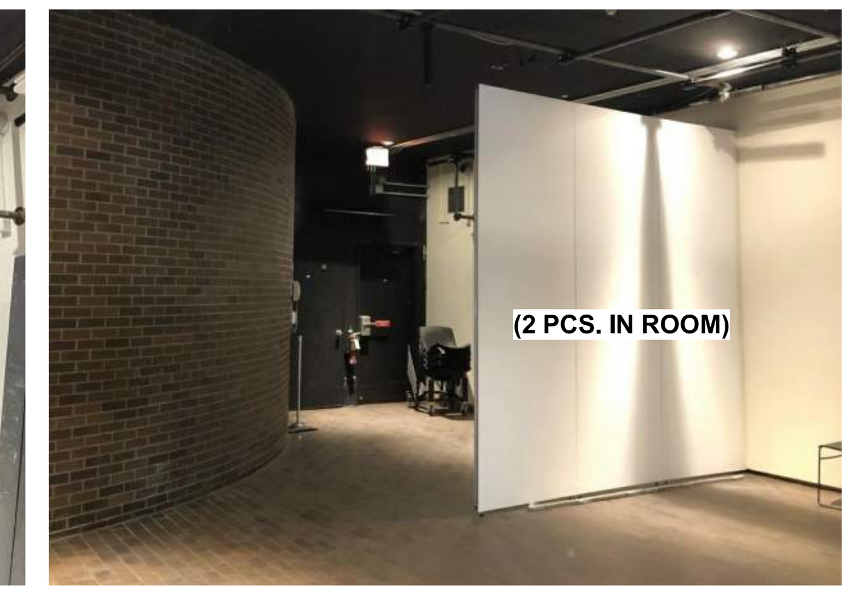

G-4: PIPE GRID & RECESSED LIGHTING AT CEILING



G-5: SOUTHEAST CORNER OF ROOM



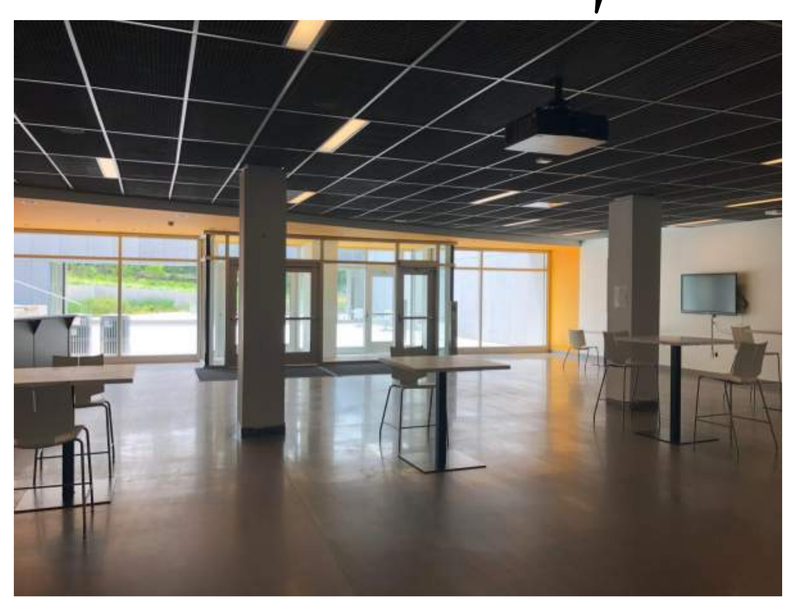
G-6: NORTHEAST CORNER OF ROOM



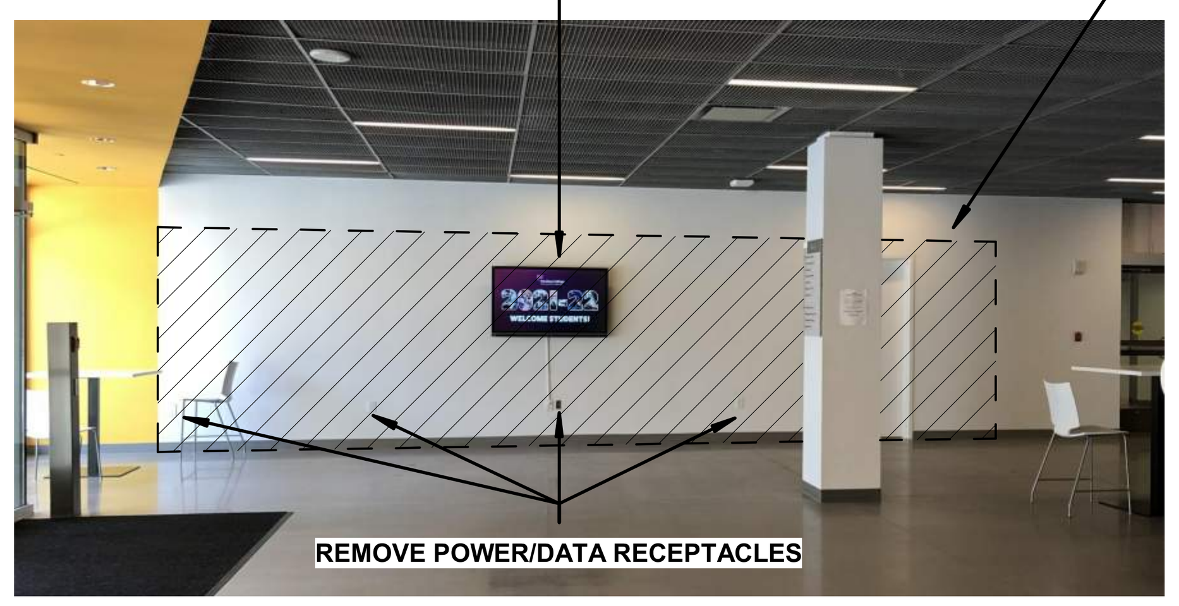
G-7: FLOOR-MOUNTED PARTITIONS

G-8: SOUTHEAST CORNER OF ROOM

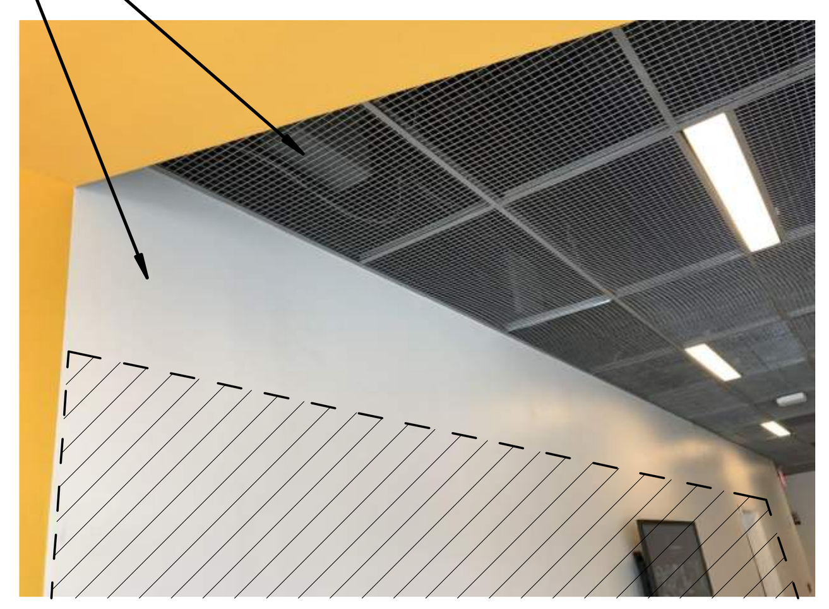
LOBBY PHOTOS



L-1: SOUTH ELEVATION, VIEWING MAIN ENTRANCE

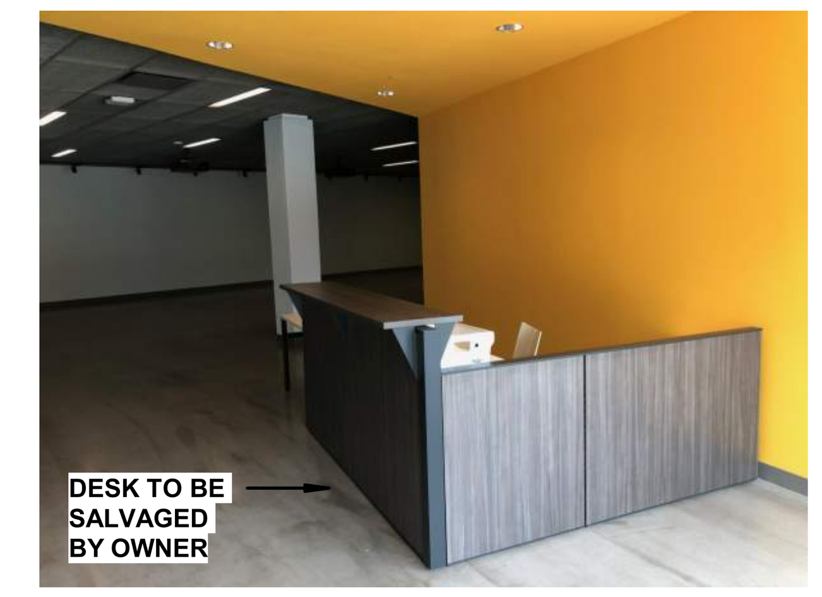


L-2: WEST ELEVATION


L-3: CLOSEUP AT WEST ELEVATION

L-4: NORTH ELEVATION

L-5: SOUTH ELEVATION AT PROPOSED ORIENTATION ROOM & OFFICE



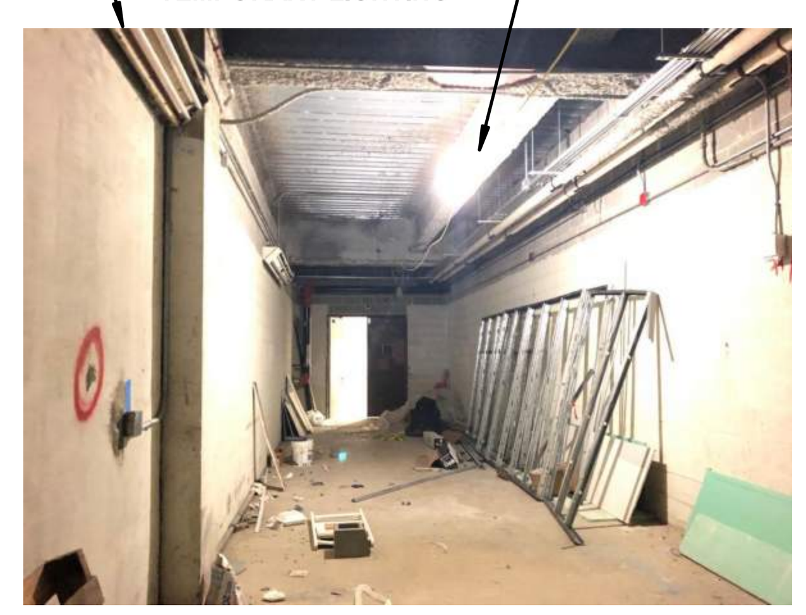
L-6: EAST ELEVATION AT SECURITY DESK

WEST ROOM PHOTOS

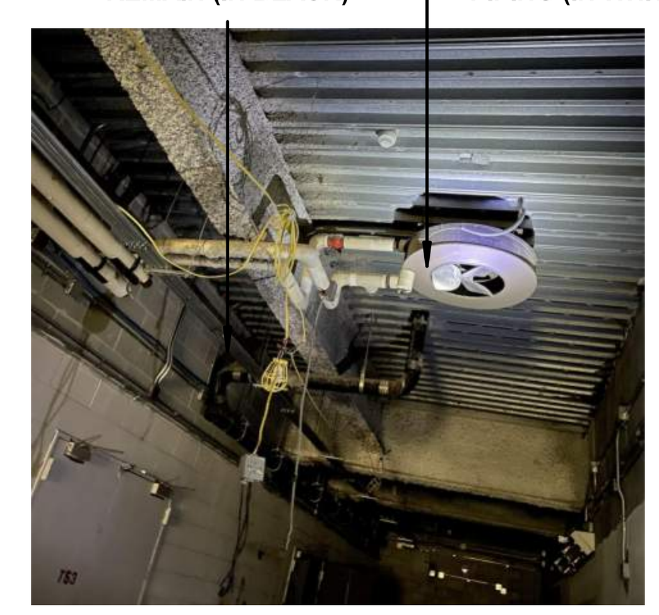
W-1: WEST VESTIBULE, WORK EXTENTS

W-2: ROOM 1 VIEWING NORTH

W-3: ROOM 1 VIEWING SOUTH

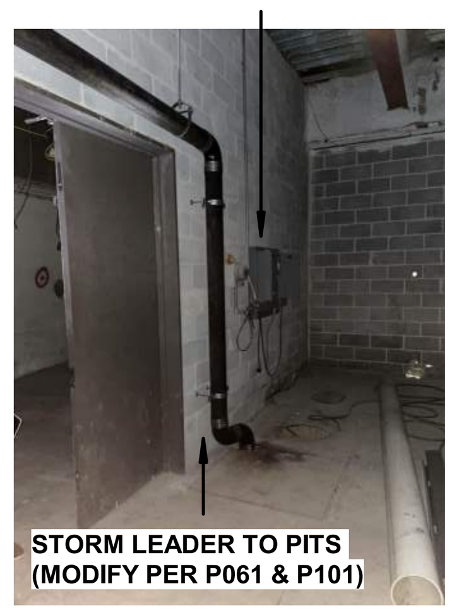


W-4: ROOM 2, VIEWING NORTH

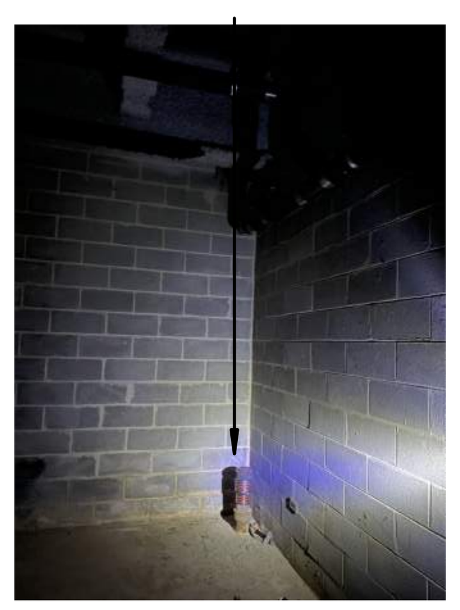


W-5: ROOM 2, FAN AT DECK

W-6: ROOM 2, VIEWING SOUTH



W-7: ROOM T53, STORM LEADER TO PITS

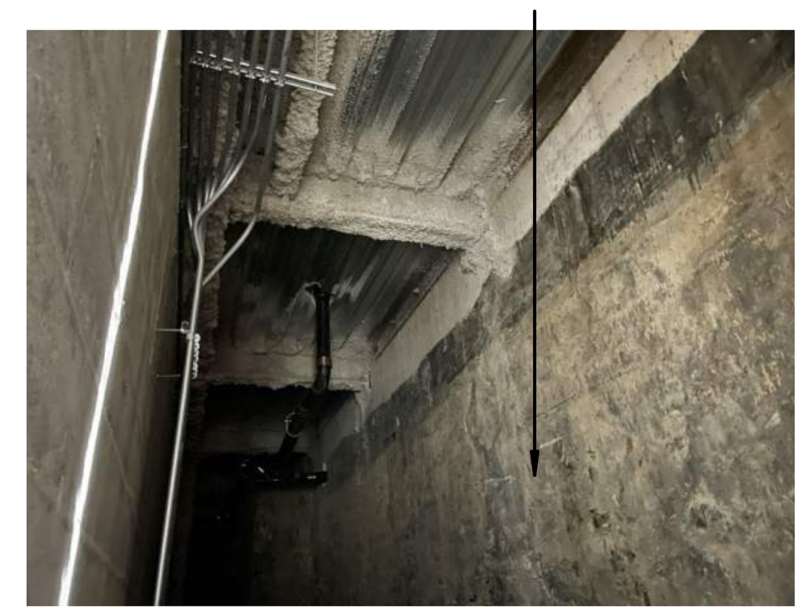


W-8: ROOM T53, STORM LEADER TO PITS

W-9: ROOM T37, BOXES & CONDUIT

W-10: ROOM T37, CONCRETE BEAM

W-11: ROOM T38, BOXES & CONDUIT



W-12: INACCESSIBLE SPACE AT EAST

ISSUE:
BID DOCUMENTS

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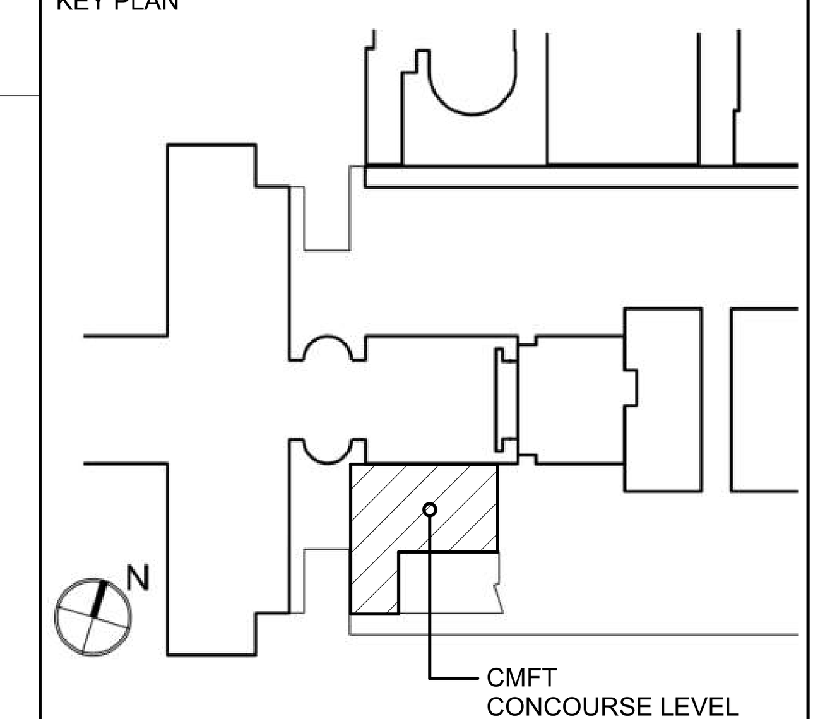
KEY PLAN



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115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
DEMOLITION PHOTOS 1

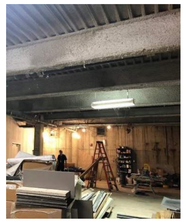
SCALE:
N.T.S.

DATE:
12 JUNE 2023

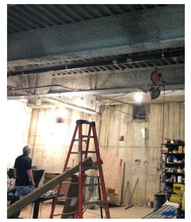
DRAWING NO.:
D.001

REGISTERED ARCHITECT — STATE OF NEW YORK

EAST ROOM PHOTOS

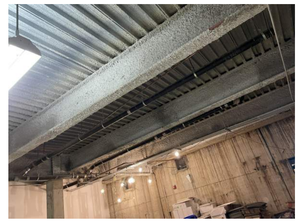


E-1: TEMP LIGHTING AT CENTER (SIM-AT WEST END)

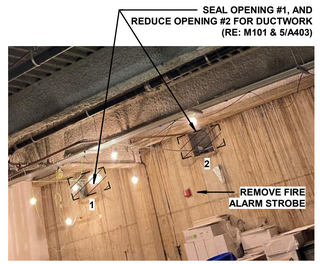


E-2: TEMP LIGHTING AT EAST

E-3: ELECTRICAL PANEL AT SOUTH

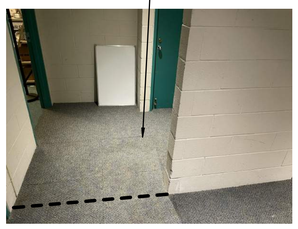


E-4: STORM LEADER AT CENTER (NO ATTACHMENTS TO DECK)



E-5: EXISTING OPENINGS AT EAST WALL

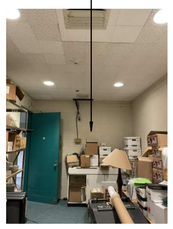
STORAGE PHOTOS



S-1: VESTIBULE FLOOR (SALVAGE CARPET)

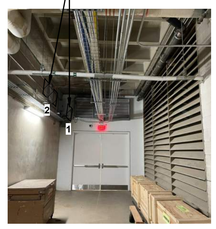
S-2: VESTIBULE CEILING

S-3: RM 0411 VIEWING NORTH

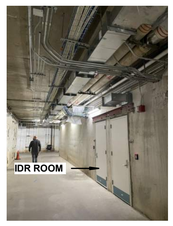


S-4: RM 0414 VIEWING NORTH

SERVICE CORRIDOR PHOTOS



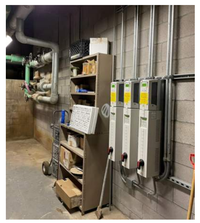
C-1: VIEWING NORTH (DOORS AT LOBBY)



C-2: VIEWING SOUTH

MECH ROOM PHOTOS

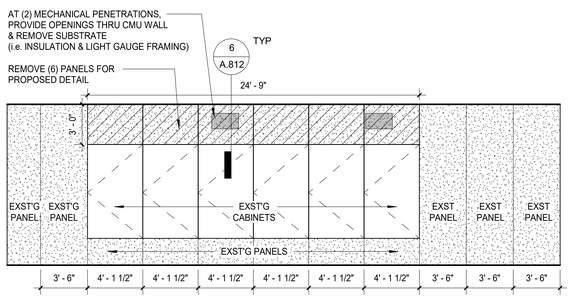
M-1: MECH ROOM VIEWING SOUTH



M-2: WEST WALL (PIPING & CONTROL EQUIPM'T TO REMAIN)

M-3: WEST WALL (PIPING TO REMAIN)

EXTERIOR



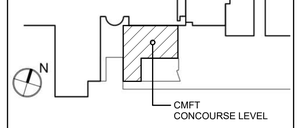
E-1: DISPLAY WALL REMOVALS (SOUTH OF RM T38)

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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1906
SUNY Purchase College
Purchase, NY 10577

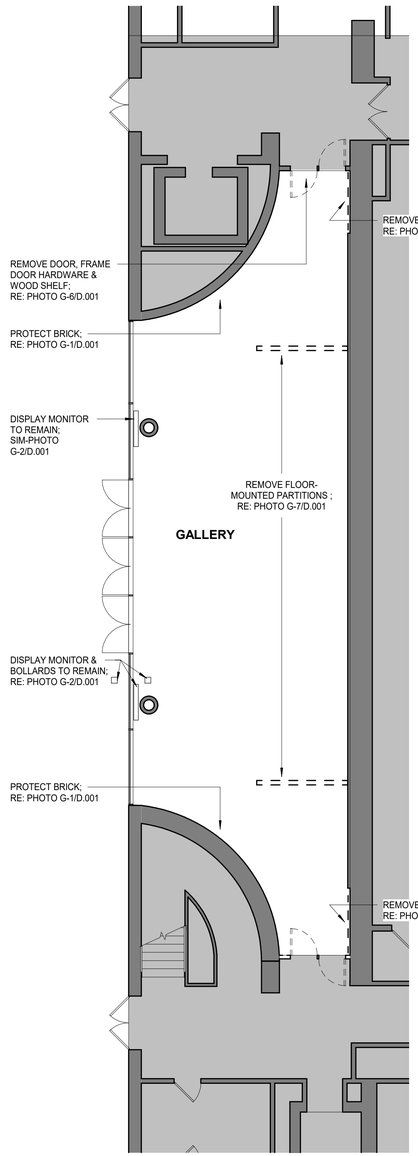
DRAWING TITLE:

DEMOLITION PHOTOS 2

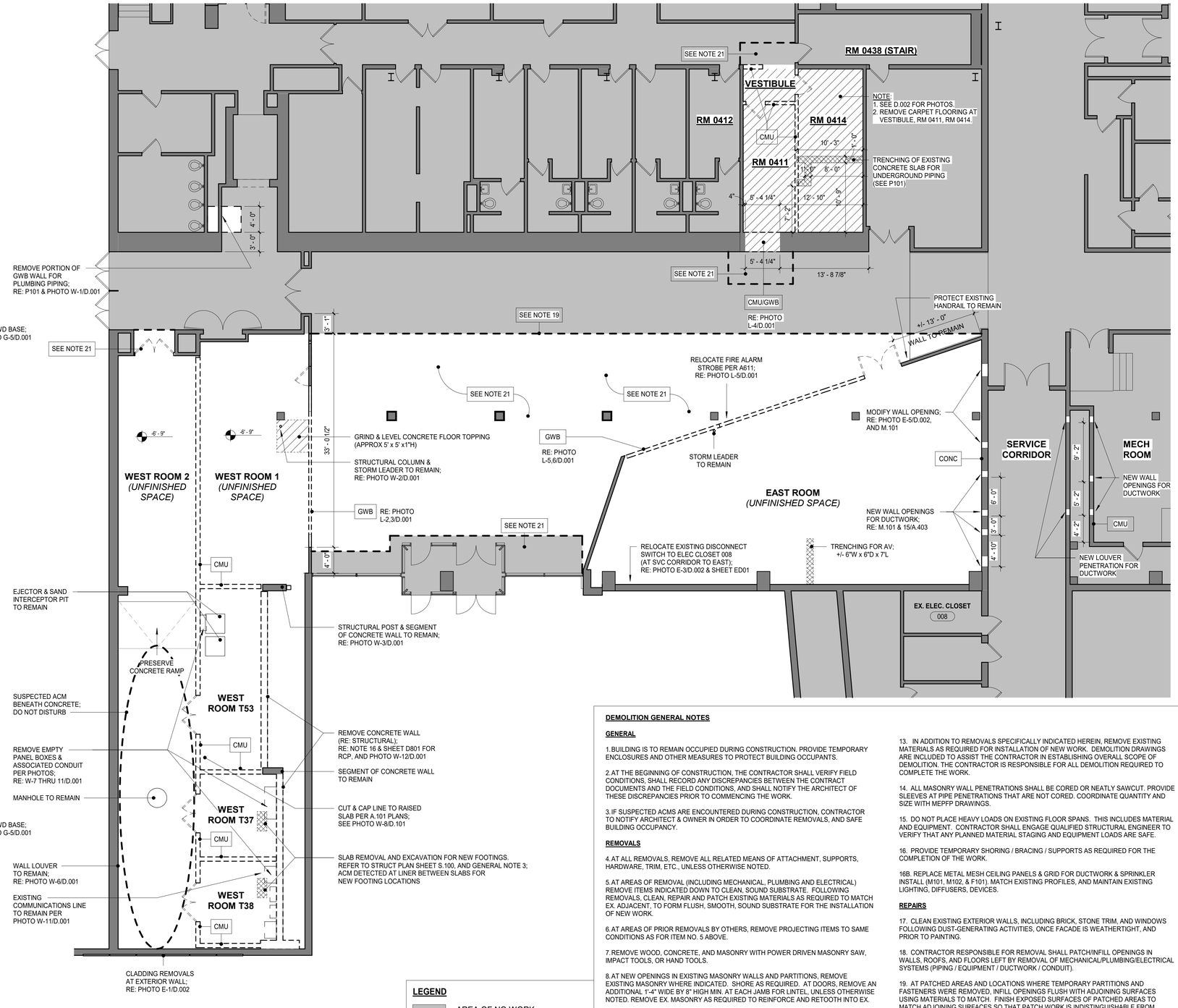
SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
D.002



1 CONCOURSE DEMO PLAN - GALLERY
1/8" = 1'-0"



2 CONCOURSE DEMO PLAN - MAIN
1/8" = 1'-0"

LEGEND

- AREA OF NO WORK
- REMOVE FINISHED FLOOR
- SLAB REMOVAL
- EXISTING WALL TO REMAIN
- WALL TO BE REMOVED
- STRUCTURAL BEAM TO REMAIN

DEMOLITION GENERAL NOTES

GENERAL

1. BUILDING IS TO REMAIN OCCUPIED DURING CONSTRUCTION. PROVIDE TEMPORARY ENCLOSURES AND OTHER MEASURES TO PROTECT BUILDING OCCUPANTS.

2. AT THE BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS, SHALL RECORD ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND THE FIELD CONDITIONS, AND SHALL NOTIFY THE ARCHITECT OF THESE DISCREPANCIES PRIOR TO COMMENCING THE WORK.

3. IF SUSPECTED ACMS ARE ENCOUNTERED DURING CONSTRUCTION, CONTRACTOR TO NOTIFY ARCHITECT & OWNER IN ORDER TO COORDINATE REMOVALS, AND SAFE BUILDING OCCUPANCY.

REMOVALS

4. AT ALL REMOVALS, REMOVE ALL RELATED MEANS OF ATTACHMENT, SUPPORTS, HARDWARE, TRIM, ETC., UNLESS OTHERWISE NOTED.

5. AT AREAS OF REMOVAL (INCLUDING MECHANICAL, PLUMBING AND ELECTRICAL) REMOVE ITEMS INDICATED DOWN TO CLEAN, SOUND SUBSTRATE. FOLLOWING REMOVALS, CLEAN, REPAIR AND PATCH EXISTING MATERIALS AS REQUIRED TO MATCH EX. ADJACENT, TO FORM FLUSH, SMOOTH, SOUND SUBSTRATE FOR THE INSTALLATION OF NEW WORK.

6. AT AREAS OF PRIOR REMOVALS BY OTHERS, REMOVE PROJECTING ITEMS TO SAME CONDITIONS AS FOR ITEM NO. 5 ABOVE.

7. REMOVE WOOD, CONCRETE, AND MASONRY WITH POWER DRIVEN MASONRY SAW, IMPACT TOOLS, OR HAND TOOLS.

8. AT NEW OPENINGS IN EXISTING MASONRY WALLS AND PARTITIONS, REMOVE EXISTING MASONRY WHERE INDICATED. SHORE AS REQUIRED. AT DOORS, REMOVE AN ADDITIONAL 1'-4" WIDE BY 8" HIGH MIN. AT EACH JAMB FOR LINTEL, UNLESS OTHERWISE NOTED. REMOVE EX. MASONRY AS REQUIRED TO REINFORCE AND RETOOTH INTO EX.

9. AT REMOVALS IN MATERIALS WITH UNIT MODULES (BRICK, CMU, TILE, ETC.), REMOVE EXISTING MATERIAL TO UNIT JOINT LINES, UNLESS OTERWISE NOTED.

10. COORDINATE EXTENTS OF WALL REMOVALS INDICATED ON DEMOLITION DRAWINGS WITH ARCHITECTURAL FLOOR PLANS FOR RENOVATION / NEW CONSTRUCTION. WALLS ARE TYPICALLY FULL HEIGHT TO DECK, 13-FT H.

11. QUALIFIED MECHANICAL, PLUMBING, AND ELECTRICAL SUBCONTRACTORS SHALL BE ENGAGE TO PERFORM CUTTING AND PATCHING WORK IN WOOD, CONCRETE, MASONRY, DRYWALL, FLOORING, ETC.

12. FOR NEW OPENINGS WIDER THAN 8 INCHES IN EXISTING MASONRY WALLS, PROVIDE LINTELS IN ACCORDANCE WITH PROPOSED PLANS & DETAILS.

13. IN ADDITION TO REMOVALS SPECIFICALLY INDICATED HEREIN, REMOVE EXISTING MATERIALS AS REQUIRED FOR INSTALLATION OF NEW WORK. DEMOLITION DRAWINGS ARE INCLUDED TO ASSIST THE CONTRACTOR IN ESTABLISHING OVERALL SCOPE OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO COMPLETE THE WORK.

14. ALL MASONRY WALL PENETRATIONS SHALL BE CORED OR NEATLY SAWCUT. PROVIDE SLEEVES AT PIPE PENETRATIONS THAT ARE NOT CORED. COORDINATE QUANTITY AND SIZE WITH MEPFP DRAWINGS.

15. DO NOT PLACE HEAVY LOADS ON EXISTING FLOOR SPANS. THIS INCLUDES MATERIAL AND EQUIPMENT. CONTRACTOR SHALL ENGAGE QUALIFIED STRUCTURAL ENGINEER TO VERIFY THAT ANY PLANNED MATERIAL STAGING AND EQUIPMENT LOADS ARE SAFE.

16. PROVIDE TEMPORARY SHORING / BRACING / SUPPORTS AS REQUIRED FOR THE COMPLETION OF THE WORK.

16B. REPLACE METAL MESH CEILING PANELS & GRID FOR DUCTWORK & SPRINKLER INSTALL (M101, M102, & F101). MATCH EXISTING PROFILES, AND MAINTAIN EXISTING LIGHTING, DIFFUSERS, DEVICES.

REPAIRS

17. CLEAN EXISTING EXTERIOR WALLS, INCLUDING BRICK, STONE TRIM, AND WINDOWS FOLLOWING DUST-GENERATING ACTIVITIES, ONCE FACADE IS WEATHERTIGHT, AND PRIOR TO PAINTING.

18. CONTRACTOR RESPONSIBLE FOR REMOVAL SHALL PATCH/INFILL OPENINGS IN WALLS, ROOFS, AND FLOORS LEFT BY REMOVAL OF MECHANICAL/PLUMBING/ELECTRICAL SYSTEMS (PIPING / EQUIPMENT / DUCTWORK / CONDUIT).

19. AT PATCHED AREAS AND LOCATIONS WHERE TEMPORARY PARTITIONS AND FASTENERS WERE REMOVED, INFILL OPENINGS FLUSH WITH ADJOINING SURFACES USING MATERIALS TO MATCH. FINISH EXPOSED SURFACES OF PATCHED AREAS TO MATCH ADJOINING SURFACES SO THAT PATCH WORK IS INDISTINGUISHABLE FROM EXISTING.

20. AT EXISTING STRUCTURAL BEAMS, APPLY SPRAY FIREPROOFING WHERE MISSING OR DAMAGED FROM WORK (MEET/EXCEED A 2-HOUR FIRE RATING)

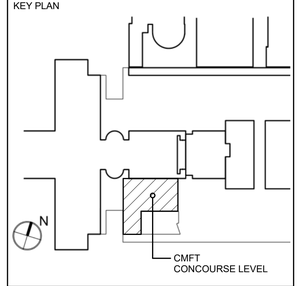
PROTECTION

21. PROTECT FLOOR, WALL, AND CEILINGS BEYOND IMMEDIATE EXTENTS OF WORK. MAINTAIN CEILING EDGE TRIMS, OR REPLACE AS REQUIRED TO PERFORM PROPOSED WORK. WHERE OBJECTS & DEVICES LACK SUPPORT UPON REMOVAL OF WALLS AND/OR CEILINGS, PROVIDE SUPPORT AT NEW CONSTRUCTION.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

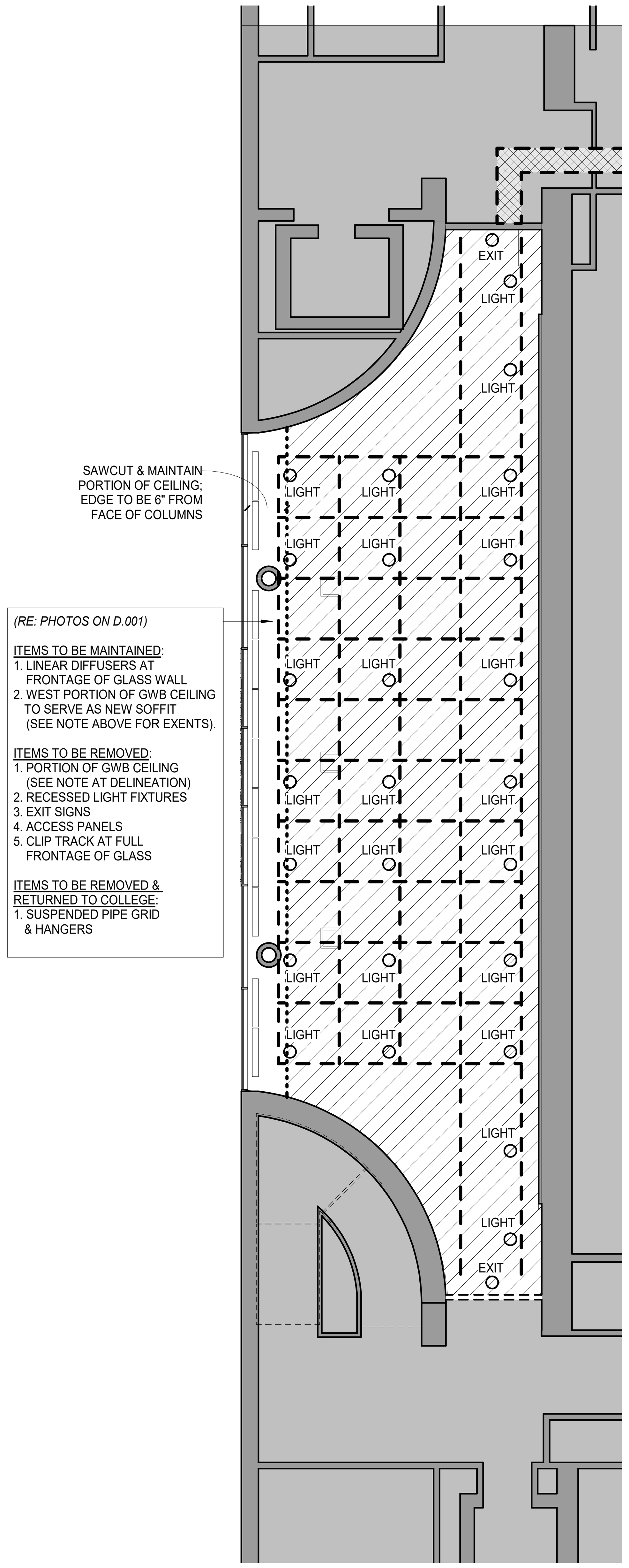
DEMOLITION PLAN

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

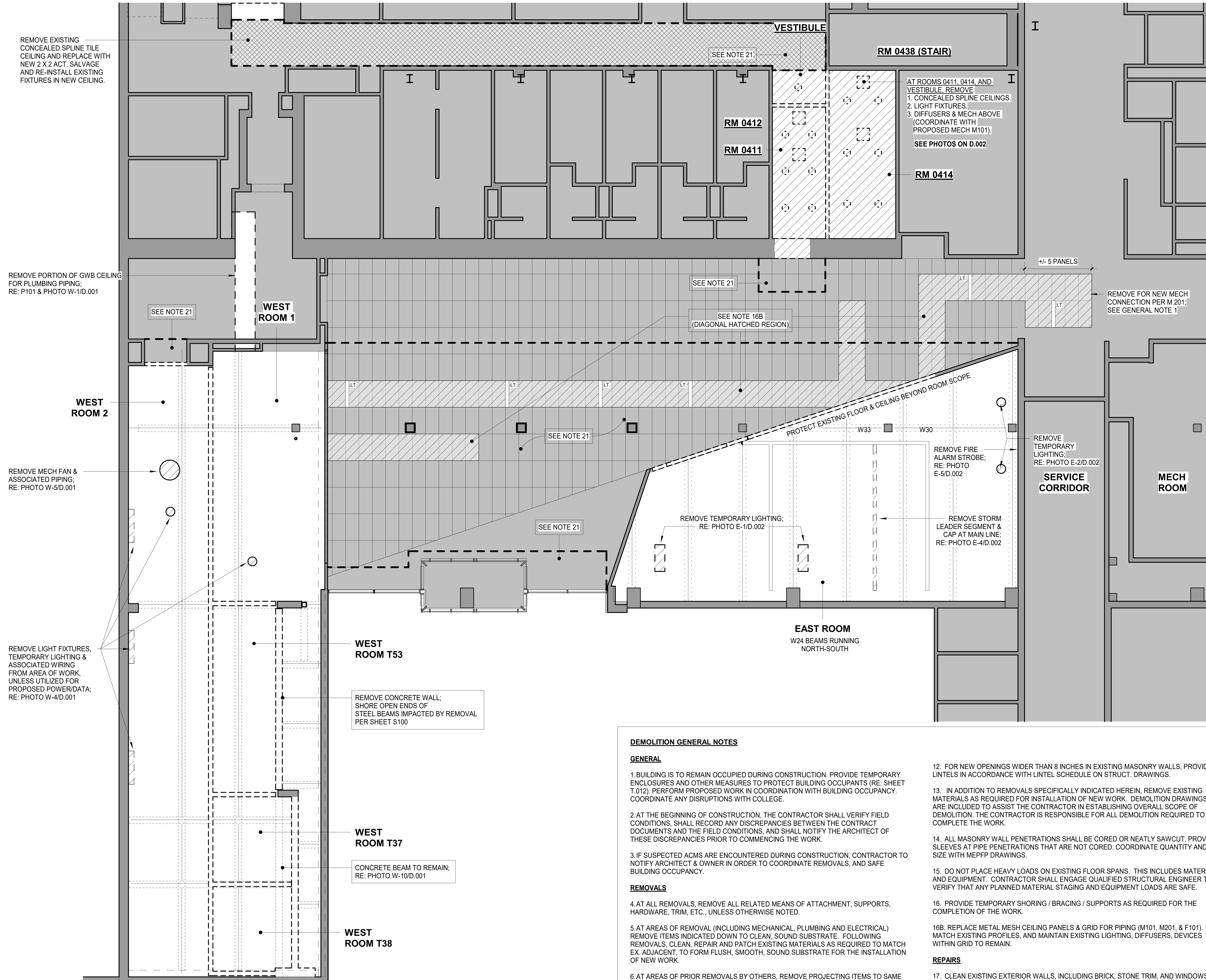
DATE: 12 JUNE 2023

DRAWING NO.:

D.101



1 DEMO RCP - GALLERY
1/8" = 1'-0"



2 DEMO RCP - MAIN
1/8" = 1'-0"

LEGEND

- AREA OF NO WORK
- REMOVE FINISHED CEILING
- SLAB REMOVAL
- EXISTING WALL TO REMAIN
- WALL TO BE REMOVED
- STRUCTURAL BEAM TO REMAIN

DEMOLITION GENERAL NOTES

GENERAL

1. BUILDING IS TO REMAIN OCCUPIED DURING CONSTRUCTION. PROVIDE TEMPORARY ENCLOSURES AND OTHER MEASURES TO PROTECT BUILDING OCCUPANTS (RE: SHEET T.012). PERFORM PROPOSED WORK IN COORDINATION WITH BUILDING OCCUPANCY. COORDINATE ANY DISRUPTIONS WITH COLLEGE.

2. AT THE BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS, SHALL RECORD ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND THE FIELD CONDITIONS, AND SHALL NOTIFY THE ARCHITECT OF THESE DISCREPANCIES PRIOR TO COMMENCING THE WORK.

3. IF SUSPECTED ACMS ARE ENCOUNTERED DURING CONSTRUCTION, CONTRACTOR TO NOTIFY ARCHITECT & OWNER IN ORDER TO COORDINATE REMOVALS, AND SAFE BUILDING OCCUPANCY.

REMOVALS

4. AT ALL REMOVALS, REMOVE ALL RELATED MEANS OF ATTACHMENT, SUPPORTS, HARDWARE, TRIM, ETC., UNLESS OTHERWISE NOTED.

5. AT AREAS OF REMOVAL (INCLUDING MECHANICAL, PLUMBING AND ELECTRICAL) REMOVE ITEMS INDICATED DOWN TO CLEAN, SOUND SUBSTRATE. FOLLOWING REMOVALS, CLEAN, REPAIR AND PATCH EXISTING MATERIALS AS REQUIRED TO MATCH EX. ADJACENT, TO FORM FLUSH, SMOOTH, SOUND SUBSTRATE FOR THE INSTALLATION OF NEW WORK.

6. AT AREAS OF PRIOR REMOVALS BY OTHERS, REMOVE PROJECTING ITEMS TO SAME CONDITIONS AS FOR ITEM NO. 5 ABOVE.

7. REMOVE WOOD, CONCRETE, AND MASONRY WITH POWER DRIVEN MASONRY SAW OR HAND TOOLS. DO NOT USE POWER DRIVEN IMPACT TOOLS.

8. AT NEW OPENINGS IN EXISTING MASONRY WALLS AND PARTITIONS, REMOVE EXISTING MASONRY WHERE INDICATED. SHORE AS REQUIRED. AT DOORS, REMOVE AN ADDITIONAL 1'-4" WIDE BY 8" HIGH MIN. AT EACH JAMB FOR LINTEL, UNLESS OTHERWISE NOTED. REMOVE EX. MASONRY AS REQUIRED TO REINFORCE AND RETOOTH INTO EX.

9. AT REMOVALS IN MATERIALS WITH UNIT MODULES (BRICK, CMU, TILE, ETC.), REMOVE EXISTING MATERIAL TO UNIT JOINT LINES, UNLESS OTERWISE NOTED.

10. COORDINATE EXTENTS OF WALL REMOVALS INDICATED ON DEMOLITION DRAWINGS WITH ARCHITECTURAL FLOOR PLANS FOR RENOVATION / NEW CONSTRUCTION. WALLS ARE TYPICALLY FULL HEIGHT TO DECK, APPROX 13-FT H.

11. MECHANICAL, PLUMBING, AND ELECTRICAL SUBCONTRACTORS SHALL ENGAGE QUALIFIED SUBCONTRACTORS TO PERFORM CUTTING AND PATCHING WORK IN WOOD, CONCRETE, MASONRY, DRYWALL, FLOORING, ROOFING, ETC.

12. FOR NEW OPENINGS WIDER THAN 8 INCHES IN EXISTING MASONRY WALLS, PROVIDE LINTELS IN ACCORDANCE WITH LINTEL SCHEDULE ON STRUCT. DRAWINGS.

13. IN ADDITION TO REMOVALS SPECIFICALLY INDICATED HEREIN, REMOVE EXISTING MATERIALS AS REQUIRED FOR INSTALLATION OF NEW WORK. DEMOLITION DRAWINGS ARE INCLUDED TO ASSIST THE CONTRACTOR IN ESTABLISHING OVERALL SCOPE OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO COMPLETE THE WORK.

14. ALL MASONRY WALL PENETRATIONS SHALL BE CORED OR NEATLY SAWCUT. PROVIDE SLEEVES AT PIPE PENETRATIONS THAT ARE NOT CORED. COORDINATE QUANTITY AND SIZE WITH MEPFP DRAWINGS.

15. DO NOT PLACE HEAVY LOADS ON EXISTING FLOOR SPANS. THIS INCLUDES MATERIAL AND EQUIPMENT. CONTRACTOR SHALL ENGAGE QUALIFIED STRUCTURAL ENGINEER TO VERIFY THAT ANY PLANNED MATERIAL STAGING AND EQUIPMENT LOADS ARE SAFE.

16. PROVIDE TEMPORARY SHORING / BRACING / SUPPORTS AS REQUIRED FOR THE COMPLETION OF THE WORK.

16B. REPLACE METAL MESH CEILING PANELS & GRID FOR PIPING (M101, M201, & F101). MATCH EXISTING PROFILES, AND MAINTAIN EXISTING LIGHTING, DIFFUSERS, DEVICES WITHIN GRID TO REMAIN.

REPAIRS

17. CLEAN EXISTING EXTERIOR WALLS, INCLUDING BRICK, STONE TRIM, AND WINDOWS FOLLOWING DUST-GENERATING ACTIVITIES, ONCE FACADE IS WEATHERTIGHT, AND PRIOR TO PAINTING.

18. CONTRACTOR RESPONSIBLE FOR REMOVAL SHALL PATCH/INFILL OPENINGS IN WALLS, ROOFS, AND FLOORS LEFT BY REMOVAL OF MECHANICAL/PLUMBING/ELECTRICAL SYSTEMS (PIPING / EQUIPMENT / DUCTWORK / CONDUIT).

19. AT PATCHED AREAS, INFILL OPENINGS FLUSH WITH ADJOINING SURFACES USING MATERIALS TO MATCH. FINISH EXPOSED SURFACES OF PATCHED AREAS TO MATCH ADJOINING SURFACES SO THAT PATCH WORK IS INDISTINGUISHABLE FROM EXISTING.

20. AT EXISTING STRUCTURAL BEAMS, APPLY SPRAY FIREPROOFING WHERE MISSING OR DAMAGED FROM WORK (MEET/EXCEED A 2-HOUR FIRE RATING)

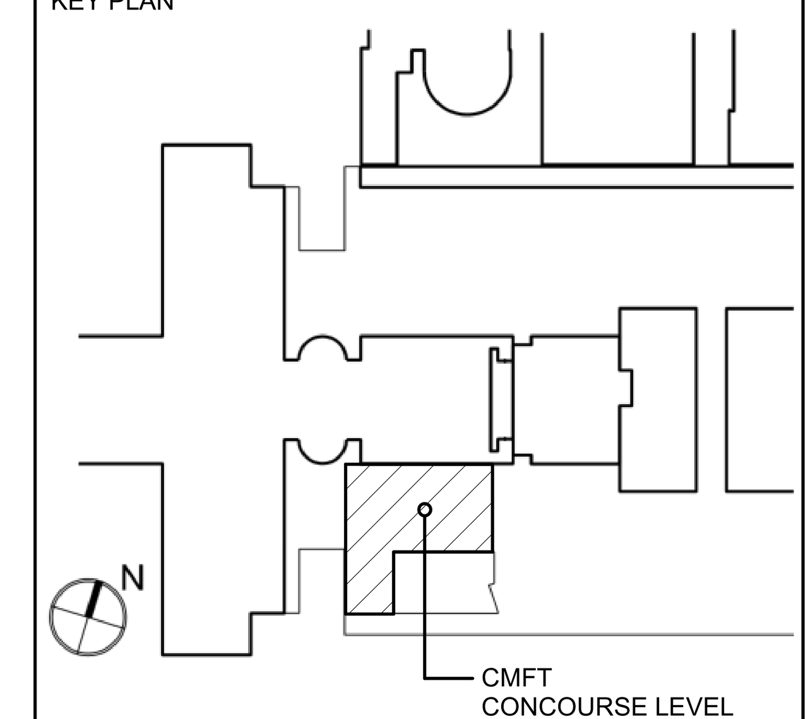
PROTECTION

21. PROTECT FLOOR, WALL, AND CEILINGS BEYOND IMMEDIATE EXTENTS OF WORK. MAINTAIN CEILING EDGE TRIMS, OR REPLACE AS REQUIRED TO PERFORM PROPOSED WORK. WHERE OBJECTS & DEVICES LACK SUPPORT UPON REMOVAL OF WALLS AND/OR CEILINGS, PROVIDE SUPPORT AT NEW CONSTRUCTION.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
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Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

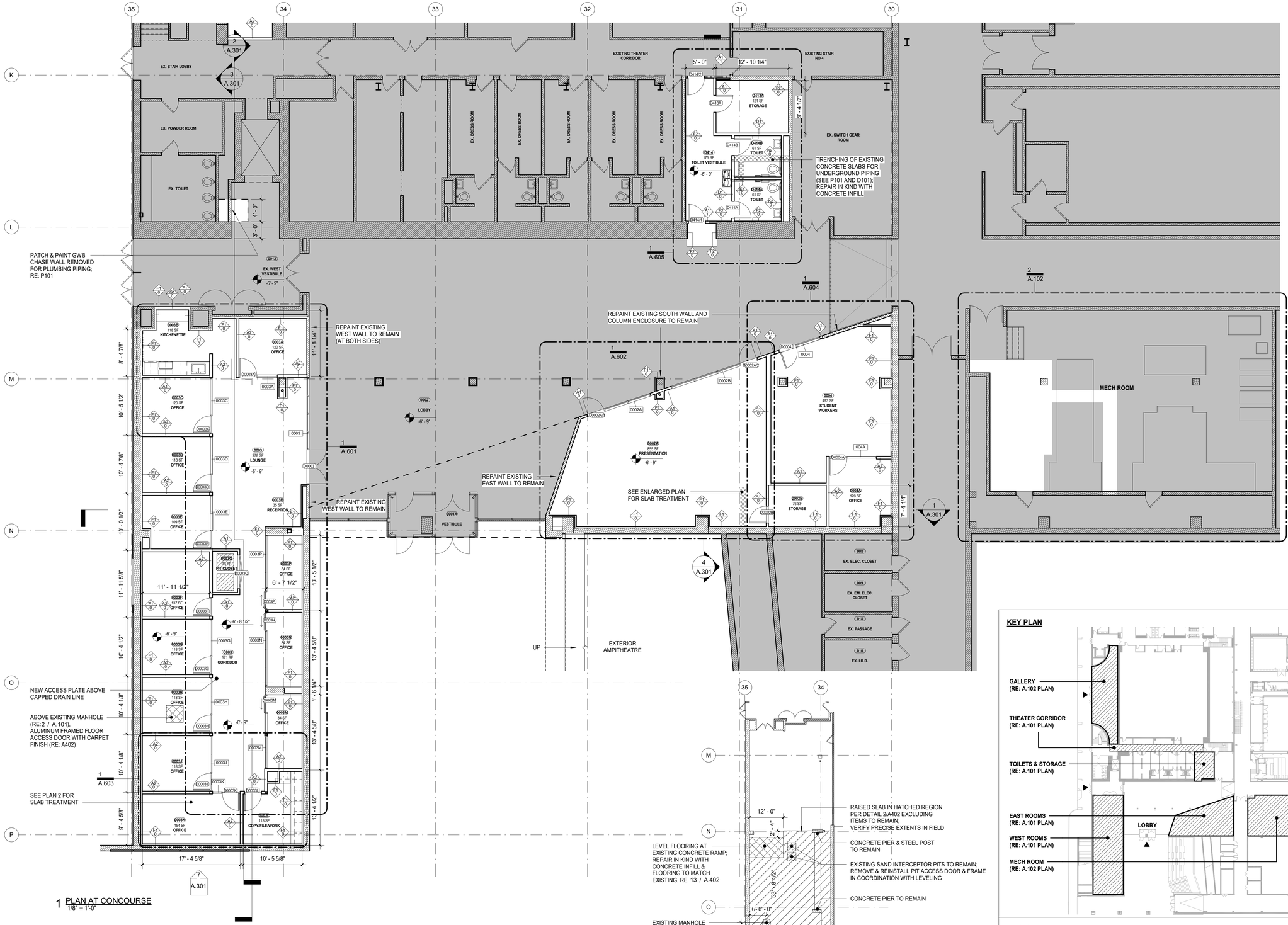
DRAWING TITLE:
DEMOLITION RCP

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

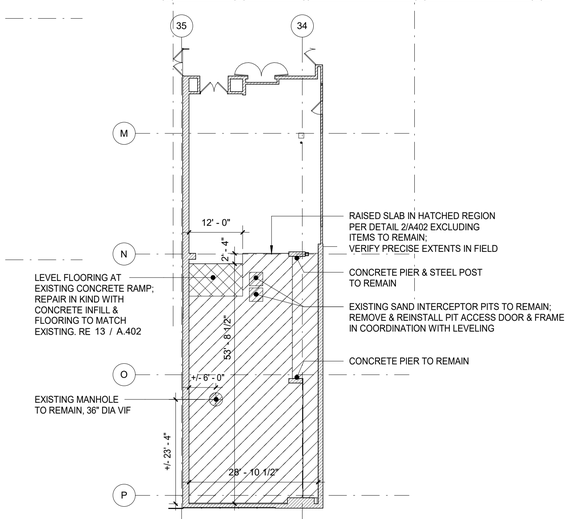
DATE:
12 JUNE 2023

DRAWING NO.:
D.801

REGISTERED ARCHITECT MICHAEL THOMAS 034456 STATE OF NEW YORK



1 PLAN AT CONCOURSE
1/8" = 1'-0"



2 SLAB PLAN AT WEST ROOMS
1/16" = 1'-0"

ISSUE:

BID DOCUMENTS

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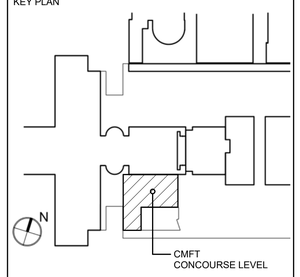
KEY PLAN



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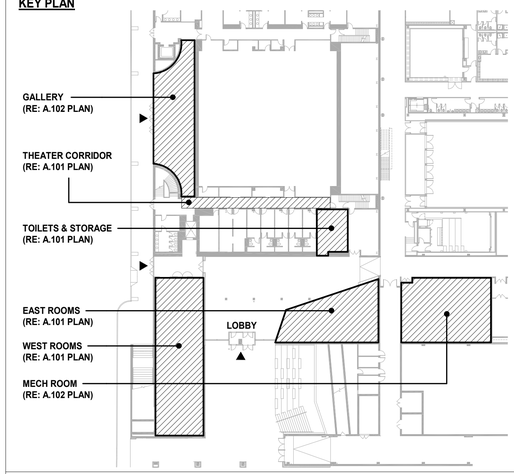

LEGEND

- EXISTING WALL TO REMAIN
- NEW NON-RATED PARTITION
- NEW 1-HR RATED PARTITION
- NEW 3-HR RATED PARTITION
- AREA OF NO WORK
- XX / # PARTITION TAG (RE: A401)
- ### / # DOOR TAG (RE: A910)
- ### STOREFRONT TAG (RE: A910)

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SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

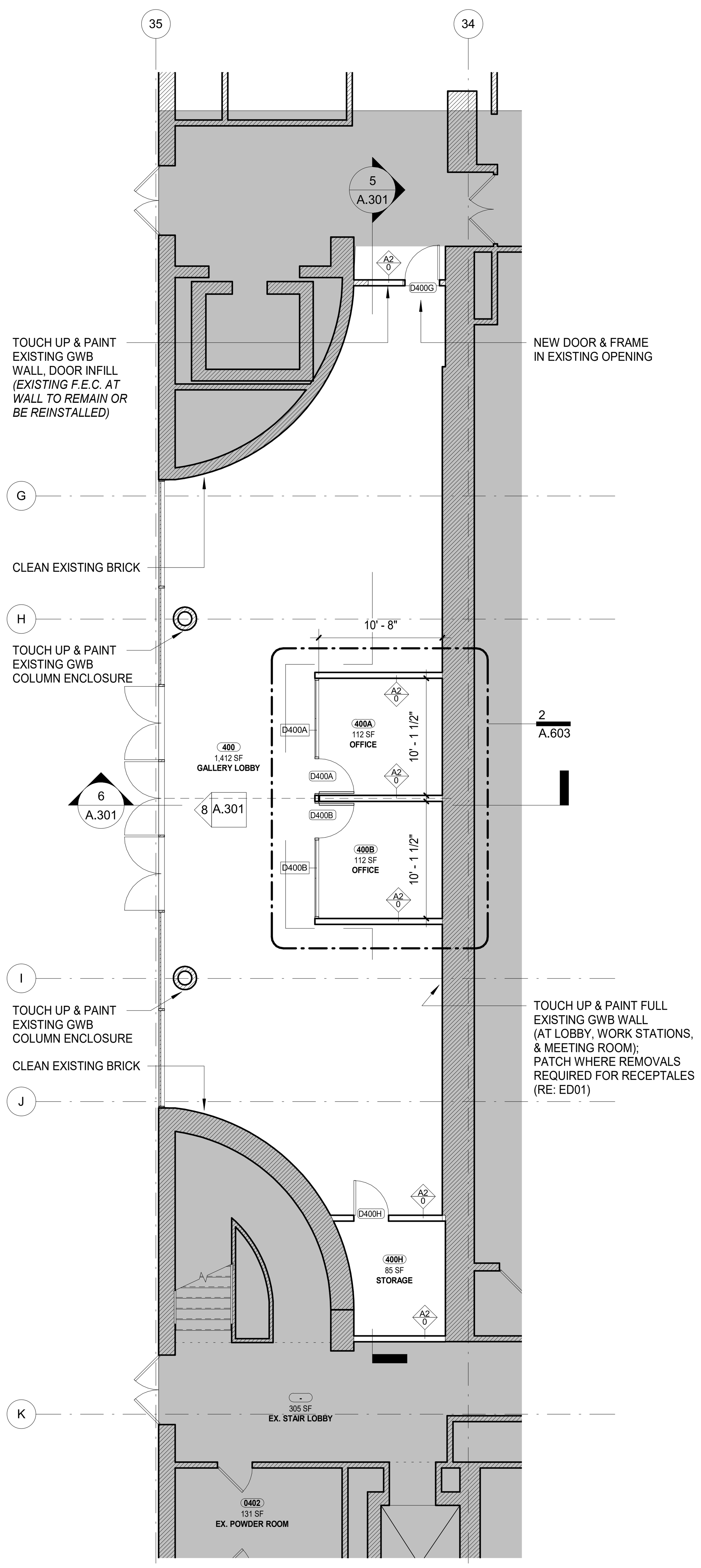
PROPOSED PLAN - MAIN

SCALE:
As indicated

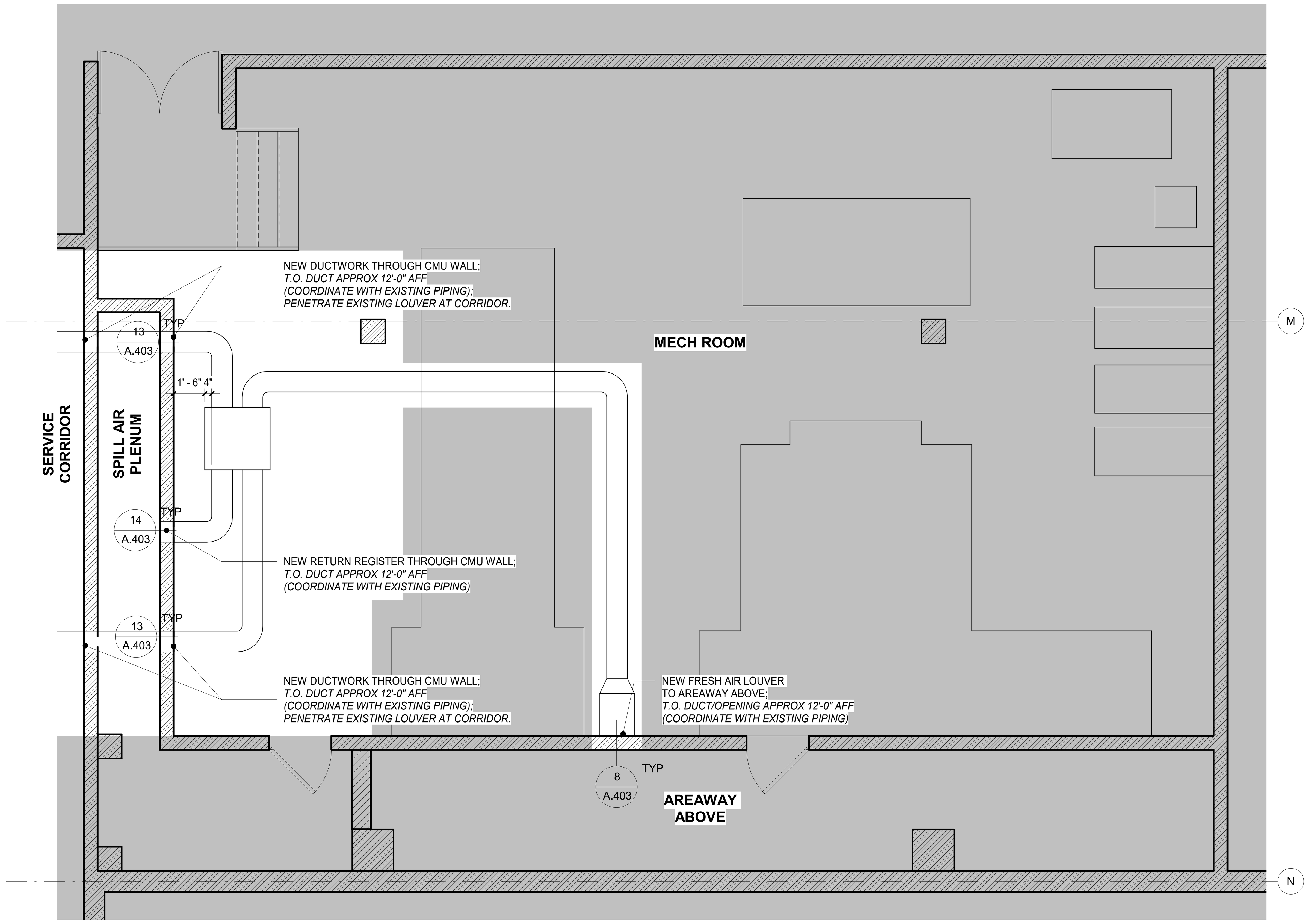
DATE:
12 JUNE 2023

DRAWING NO.:
A.101

REGISTERED ARCHITECT
STATE OF NEW YORK

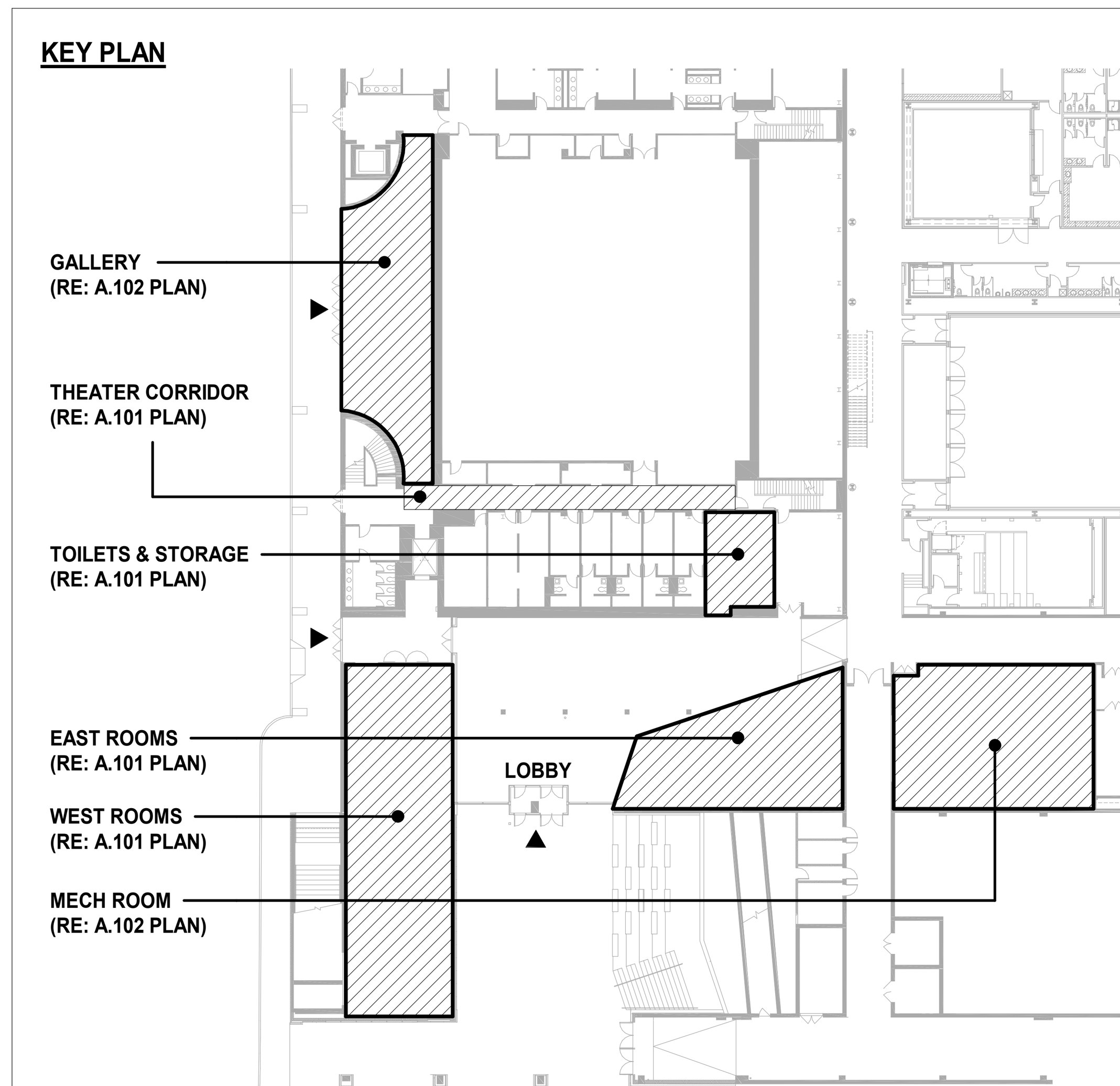


1 PLAN AT GALLERY
1/8" = 1'-0"



2 PLAN AT MECHANICAL ROOM
1/4" = 1'-0"

KEY PLAN



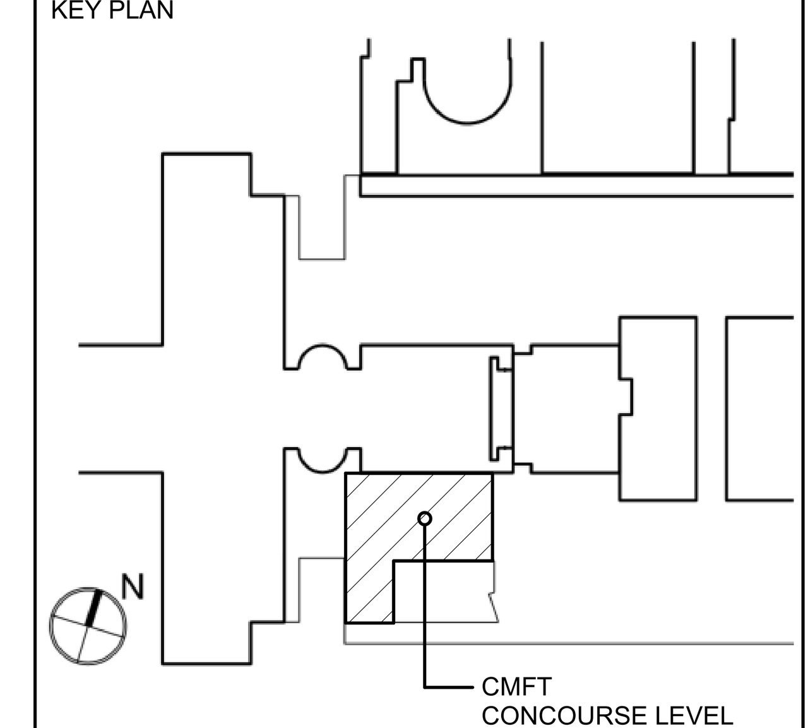
LEGEND

- EXISTING WALL TO REMAIN
- NEW NON-RATED PARTITION
- NEW 1-HR RATED PARTITION
- NEW 3-HR RATED PARTITION
- AREA OF NO WORK
- PARTITION TAG (RE: A401)
- DOOR TAG (RE: A910)
- STOREFRONT TAG (RE: A910)

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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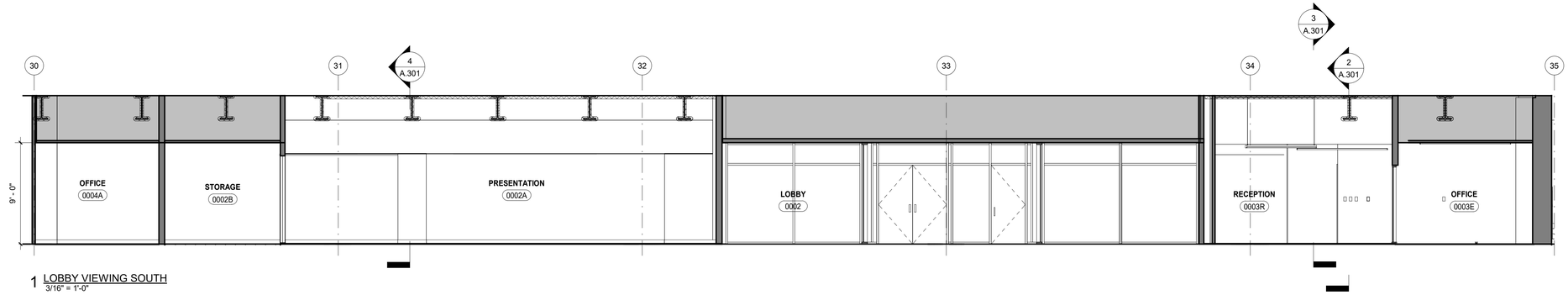
PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
PROPOSED PLAN - GALLERY, MECHANICAL ROOM

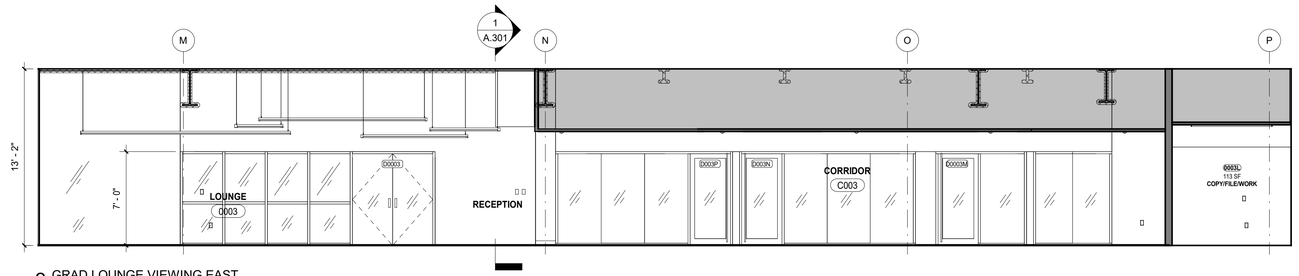
SCALE:
As indicated

DATE:
12 JUNE 2023

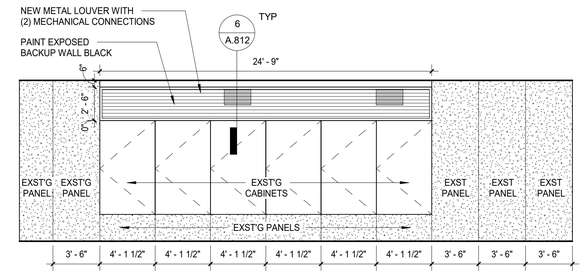
DRAWING NO.:
A.102



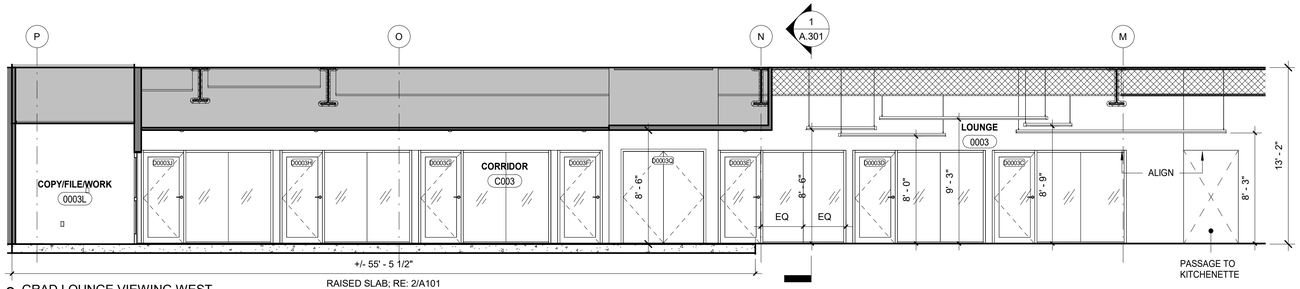
1 LOBBY VIEWING SOUTH
3/16" = 1'-0"



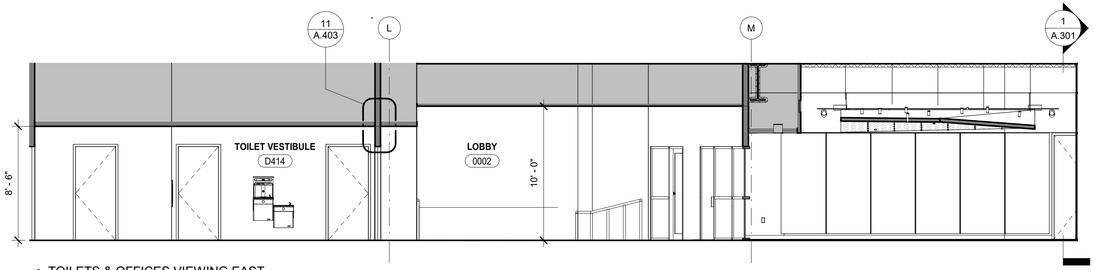
2 GRAD LOUNGE VIEWING EAST
3/16" = 1'-0"



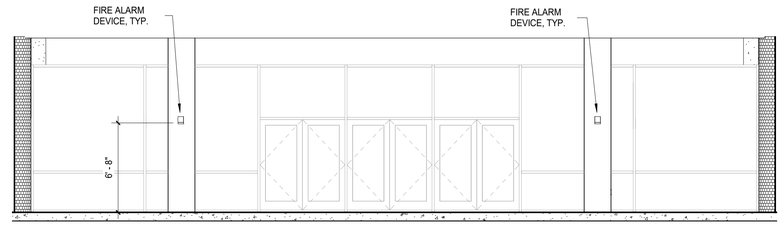
7 ELEVATION AT SOUTH FACE OF WEST ROOMS (DISPLAY WALL)
3/16" = 1'-0"



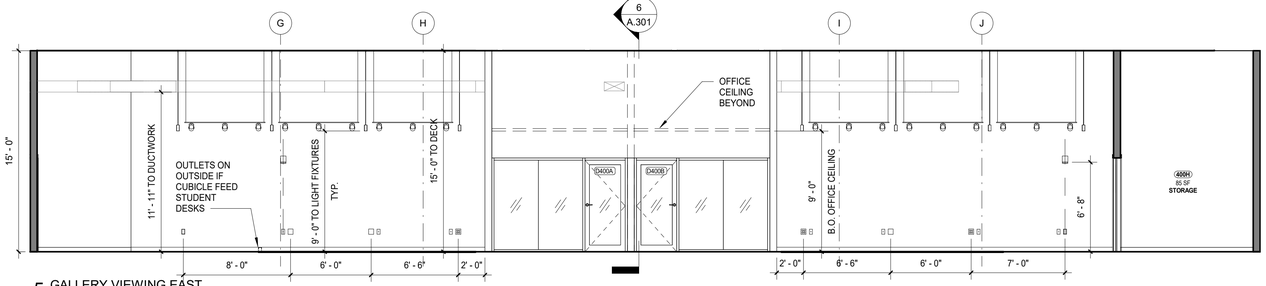
3 GRAD LOUNGE VIEWING WEST
3/16" = 1'-0"



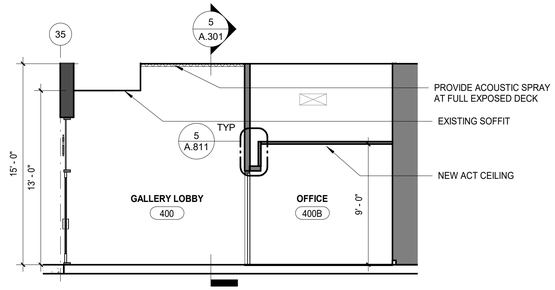
4 TOILETS & OFFICES VIEWING EAST
3/16" = 1'-0"



8 GALLERY VIEWING WEST
3/16" = 1'-0"



5 GALLERY VIEWING EAST
3/16" = 1'-0"



6 GALLERY VIEWING NORTH
3/16" = 1'-0"

ISSUE:

BID DOCUMENTS

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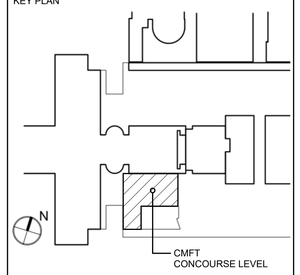
KEY PLAN



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1906
SUNY Purchase College
Purchase, NY 10577

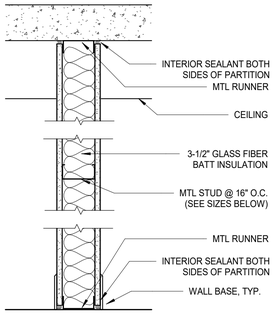
DRAWING TITLE:

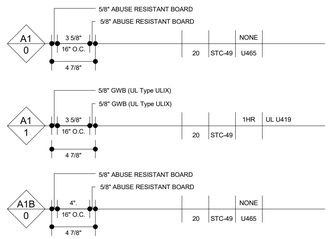
ELEVATIONS & SECTIONS

SCALE:
3/16" = 1'-0"

DATE:
12 JUNE 2023

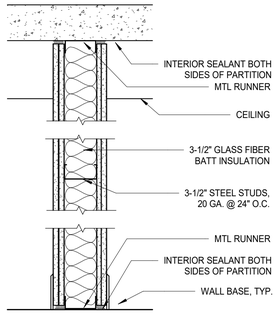
DRAWING NO.:
A.301

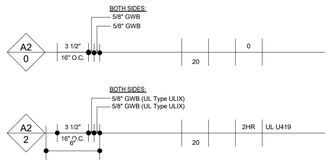




NOTES

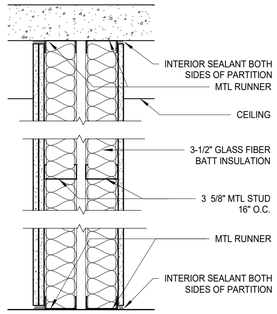
1. ATTACH GWB LAYERS WITH BOARD LENGTH PARALLEL TO STUDS.
2. ALL GWB LAYERS ARE TO BE SCREWED AT 16" O.C. SPACING.
3. USE FIBERGLASS TAPE AND JOINT COMPOUND TO FINISH GWB.

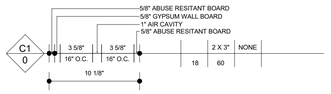




NOTES

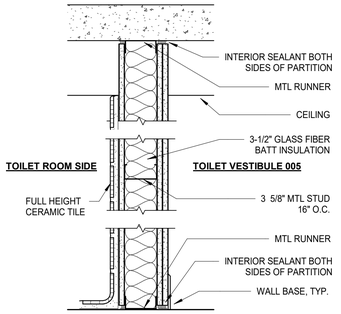
1. ATTACH GWB LAYERS WITH BOARD LENGTH PARALLEL TO STUDS.
2. ALL GWB LAYERS ARE TO BE STAGGERED @ 24".
3. ALL GWB LAYERS ARE TO BE SCREWED AT 16" O.C. SPACING.

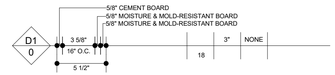




NOTES

1. ATTACH FIRST GWB LAYER WITH BOARD LENGTH PARALLEL TO STUDS.
2. EACH SUCCESSIVE GWB LAYER SHALL BE PERPENDICULAR TO THE PREVIOUS GWB LAYER.
3. ALL GWB LAYERS ARE TO BE SCREWED AT 16" O.C. SPACING.
4. USE FIBERGLASS TAPE AND JOINT COMPOUND TO FINISH GWB
5. DO NOT USE GWB OR METAL GUSSET PLATES ACROSS STUDS.





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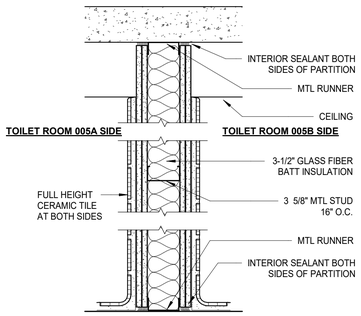

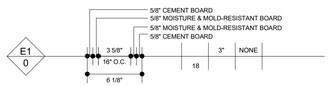

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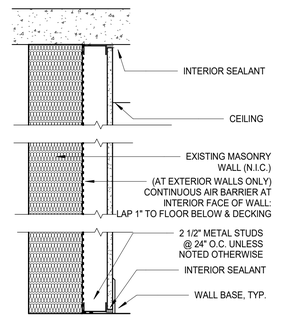

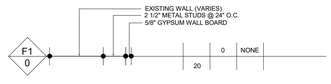

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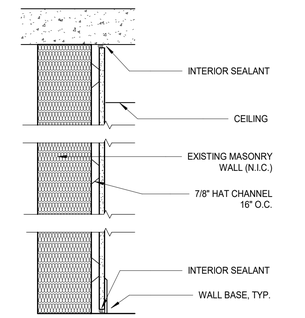
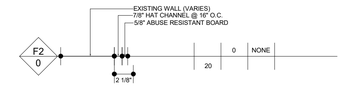
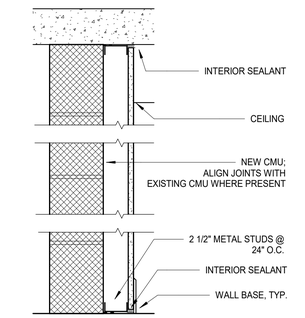
2. EACH SUCCESSIVE GWB LAYER SHALL BE PERPENDICULAR TO THE PREVIOUS GWB LAYER.
3. ALL GWB LAYERS ARE TO BE SCREWED AT 16" O.C. SPACING.
4. USE FIBERGLASS TAPE AND JOINT COMPOUND TO FINISH GWB.

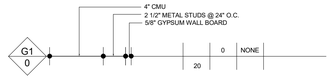




NOTES

1. ATTACH FIRST GWB LAYER WITH BOARD LENGTH PARALLEL TO STUDS.
2. EACH SUCCESSIVE GWB LAYER SHALL BE PERPENDICULAR TO THE PREVIOUS GWB LAYER.
3. ALL GWB LAYERS ARE TO BE SCREWED AT 16" O.C. SPACING.
4. USE FIBERGLASS TAPE AND JOINT COMPOUND TO FINISH GWB.





NOTES

1. ATTACH FIRST GWB LAYER WITH BOARD LENGTH PARALLEL TO STUDS.
2. EACH SUCCESSIVE GWB LAYER SHALL BE PERPENDICULAR TO THE PREVIOUS GWB LAYER.
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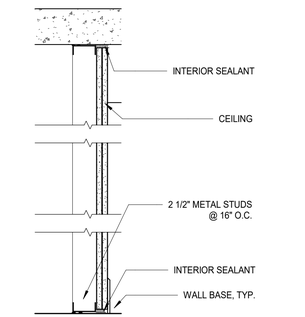

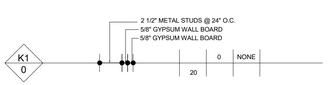

NOTES

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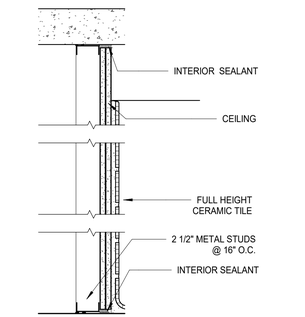
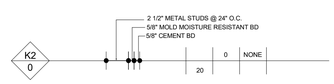




NOTES

1. ATTACH FIRST GWB LAYER WITH BOARD LENGTH PARALLEL TO STUDS.
2. EACH SUCCESSIVE GWB LAYER SHALL BE PERPENDICULAR TO THE PREVIOUS GWB LAYER.
3. ALL GWB LAYERS ARE TO BE SCREWED AT 16" O.C. SPACING.
4. USE FIBERGLASS TAPE AND JOINT COMPOUND TO FINISH GWB.

GENERAL NOTES:

X1 0	MAX HT	INSUL	FIRE RT	REMARKS
	GAUGE	STC	UL #	

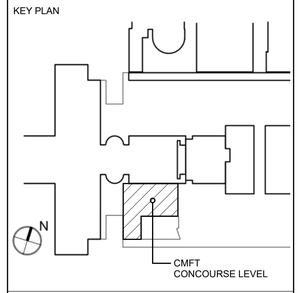
1. LEGEND FOR PARTITION TYPE TAG PROVIDED ABOVE.
2. REFER TO INTERIOR ELEVATIONS FOR LOCATIONS OF PLYWOOD BLOCKING.
3. REFER TO FINISH SCHEDULE FOR OFFICES WITH BATT INSULATION ABOVE CEILINGS.

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

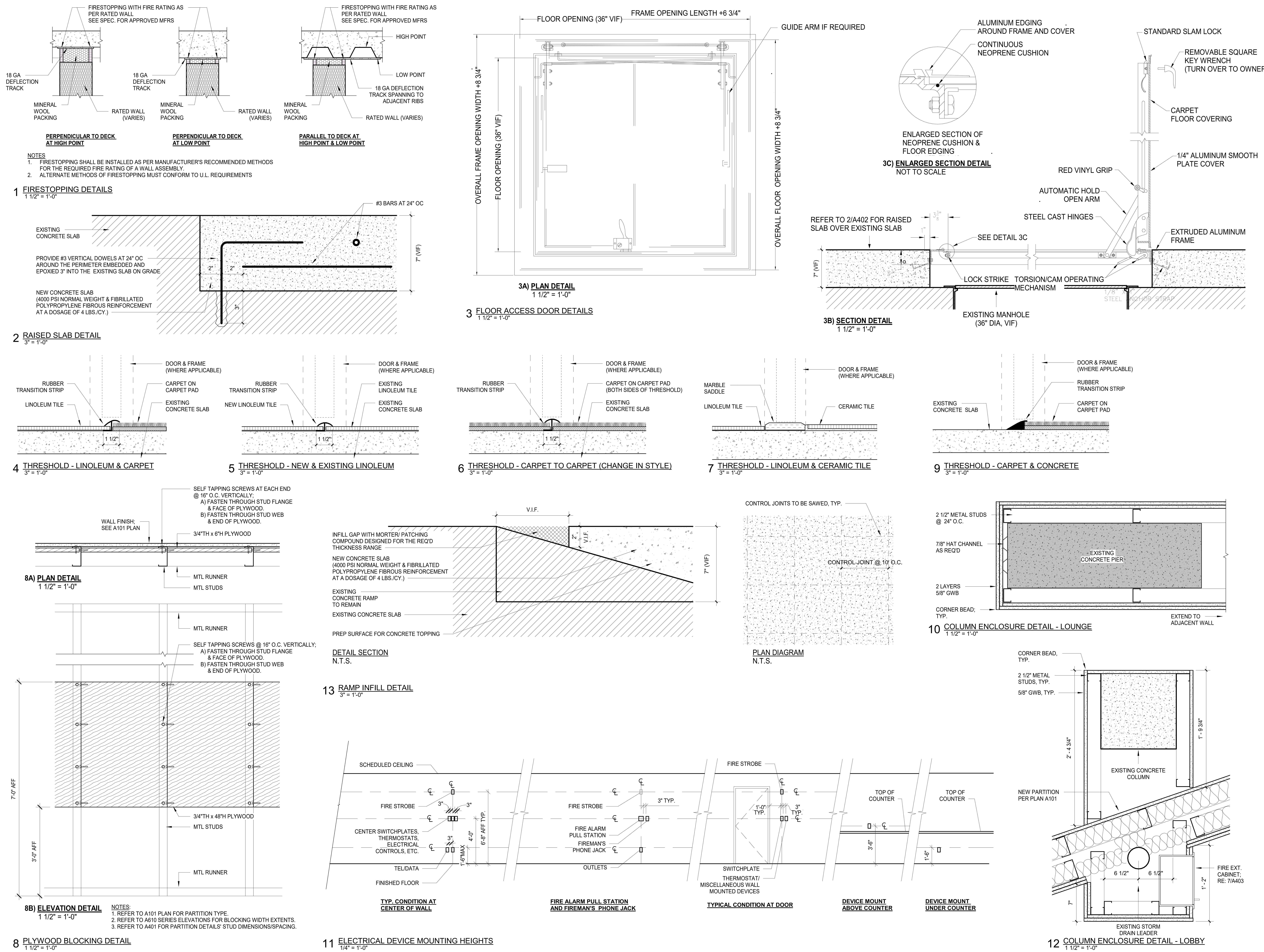
INTERIOR DETAILS

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

DATE:
12 JUNE 2023

DRAWING NO.:

A.401



ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN

CMFT CONCOURSE LEVEL

PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

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Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

INTERIOR DETAILS

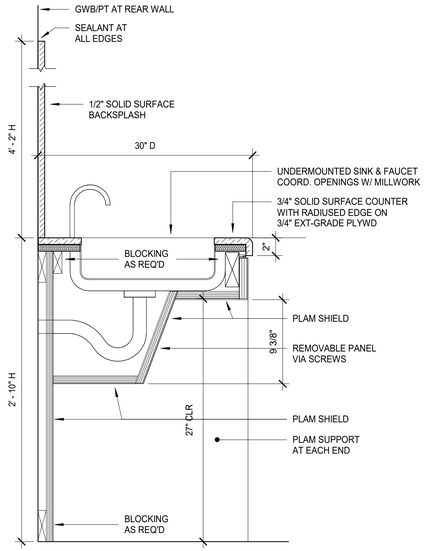
SCALE: As indicated

DATE: 12 JUNE 2023

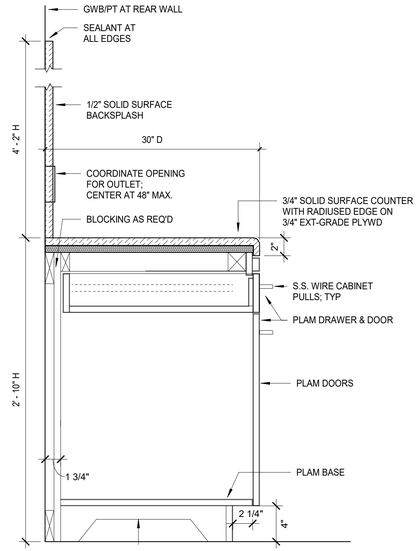
DRAWING NO.:

A.402

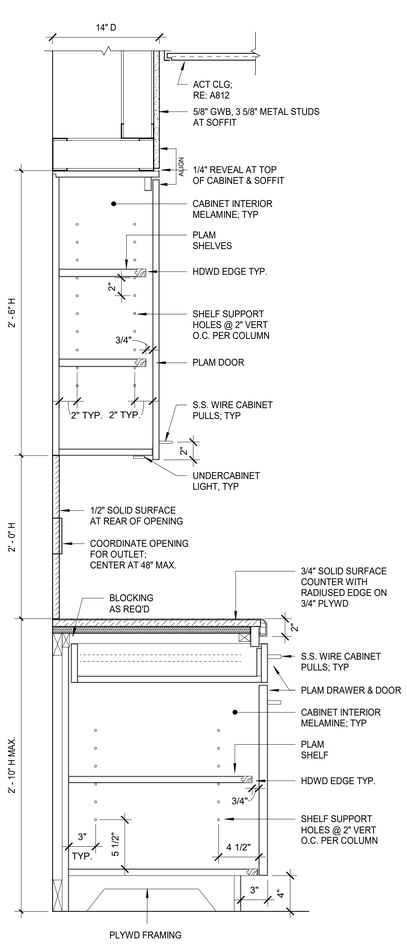
REGISTERED ARCHITECT STATE OF NEW YORK



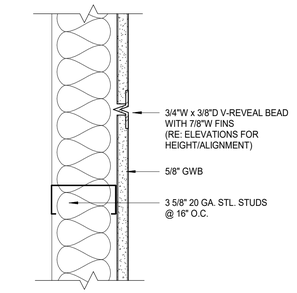
1 KITCHENETTE - DETAIL 1 OF 4 (SINK)
1 1/2" = 1'-0"



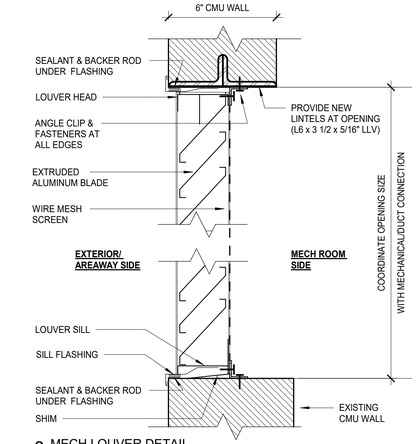
2 KITCHENETTE - DETAIL 2 OF 4
1 1/2" = 1'-0"



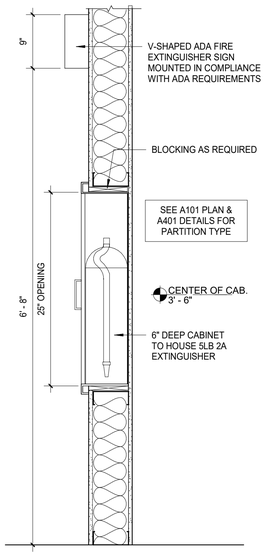
5 COPY/FILE - TYP. DETAIL
1 1/2" = 1'-0"



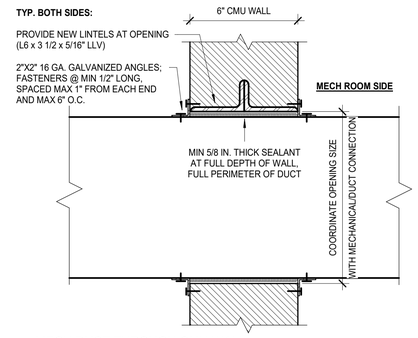
6 WALL REVEAL - ORIENTATION ROOM
3" = 1'-0"



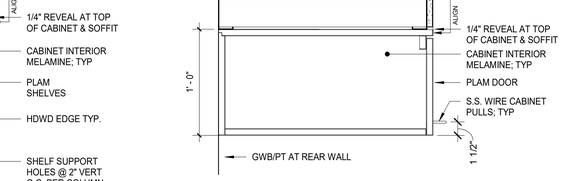
8 MECH LOUVER DETAIL
1 1/2" = 1'-0"



7 FIRE EXTINGUISHER CABINET SECTION
1" = 1'-0"



13 MECH DUCT THROUGH CMU WALL
1 1/2" = 1'-0"

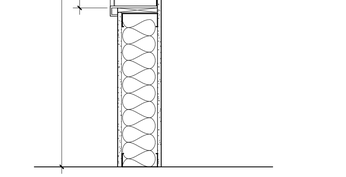


3 KITCHENETTE - DETAIL 3 OF 4 (WASTE)
1 1/2" = 1'-0"

4 KITCHENETTE - DETAIL 4 OF 4 (UPPER CAB.)
1 1/2" = 1'-0"

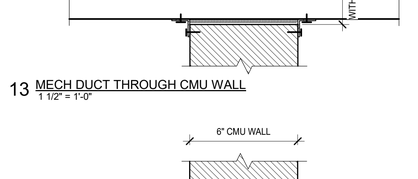
9 KITCHENETTE - OPEN COUNTER
1 1/2" = 1'-0"

10 KITCHENETTE - WASTE CABINET ELEVATION
1 1/2" = 1'-0"



11 HEADER DETAIL AT LOBBY-VESTIBULE DOOR
1 1/2" = 1'-0"

12 3-HR FIRE RATED WALL INFILL
1 1/2" = 1'-0"



14 MECH DUCT WITH RETURN REGISTER
1 1/2" = 1'-0"

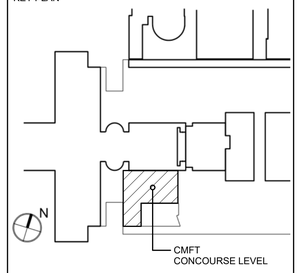
15 MECH DUCT THROUGH CONCRETE WALL
1 1/2" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

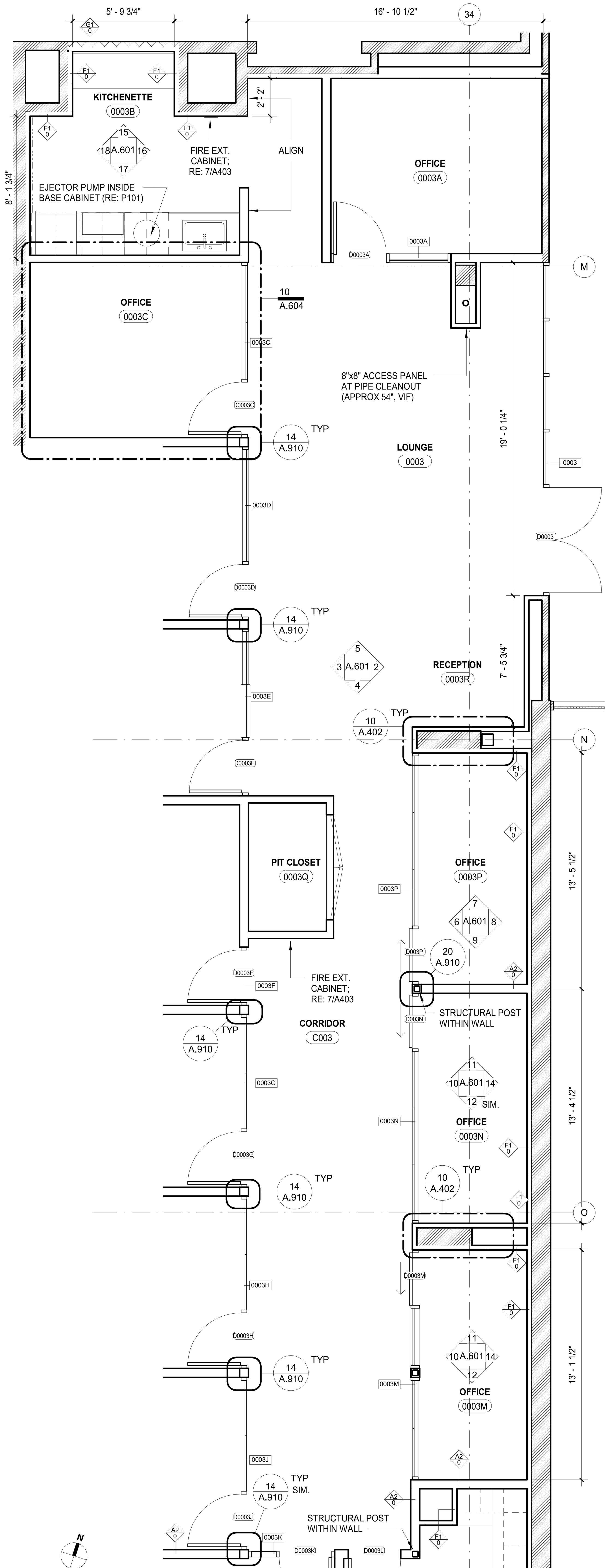
DRAWING TITLE:

INTERIOR DETAILS

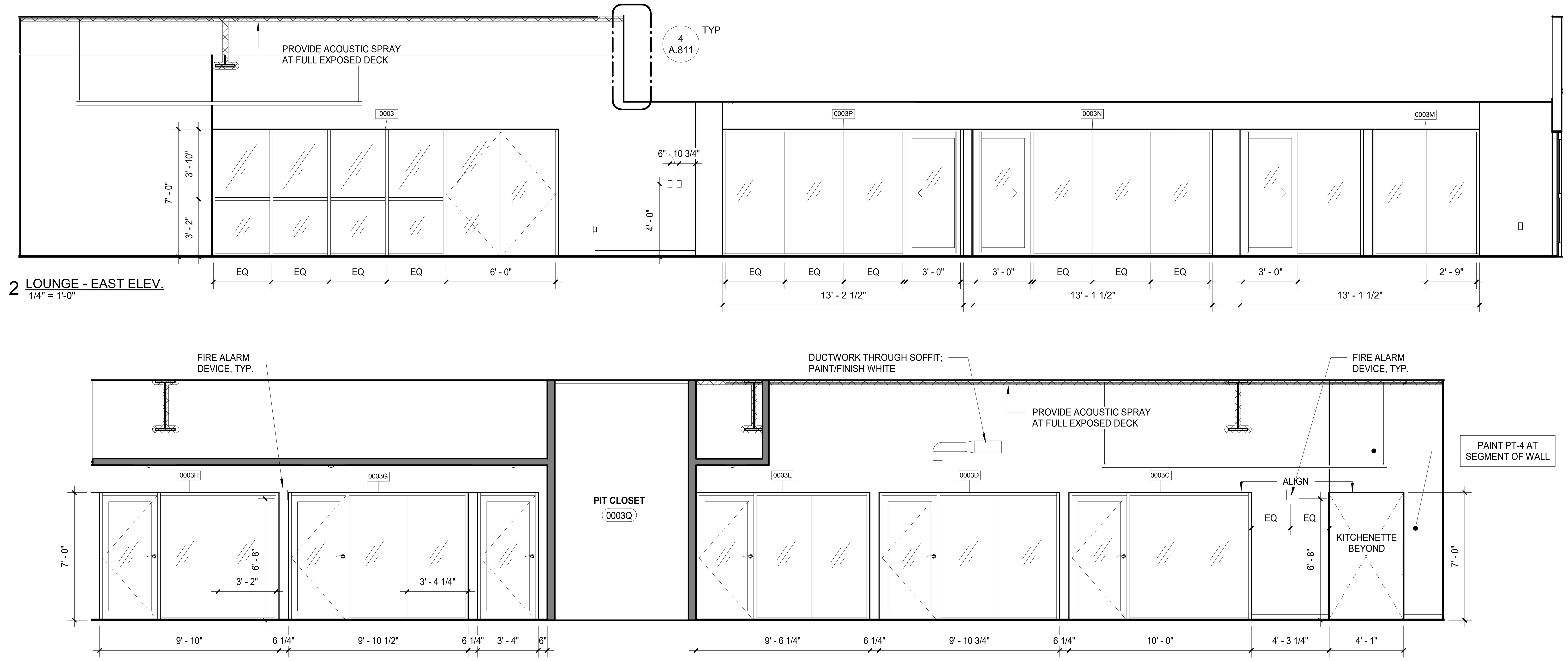
SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
A.403

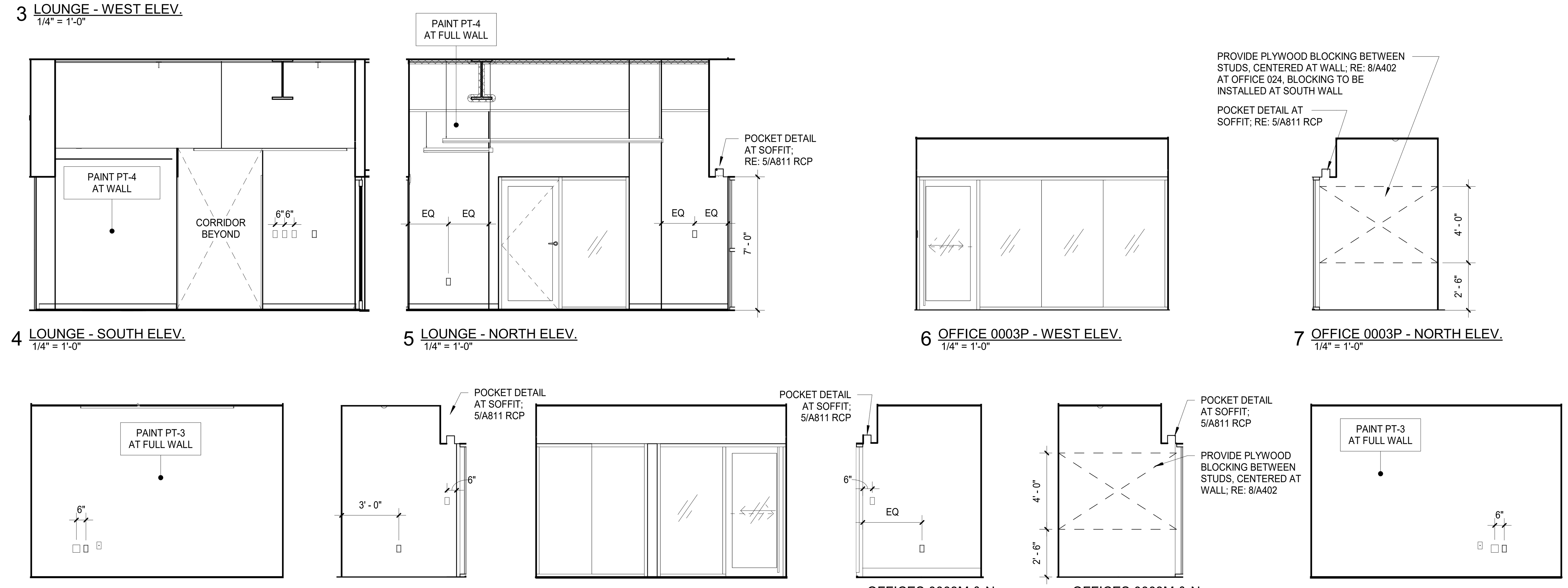


1 ENLARGED PLAN - GRAD LOUNGE
1/4" = 1'-0"



2 LOUNGE - EAST ELEV.
1/4" = 1'-0"

3 LOUNGE - WEST ELEV.
1/4" = 1'-0"



4 LOUNGE - SOUTH ELEV.
1/4" = 1'-0"

5 LOUNGE - NORTH ELEV.
1/4" = 1'-0"

6 OFFICE 0003P - WEST ELEV.
1/4" = 1'-0"

7 OFFICE 0003P - NORTH ELEV.
1/4" = 1'-0"

8 OFFICE 0003P - EAST ELEV.
1/4" = 1'-0"

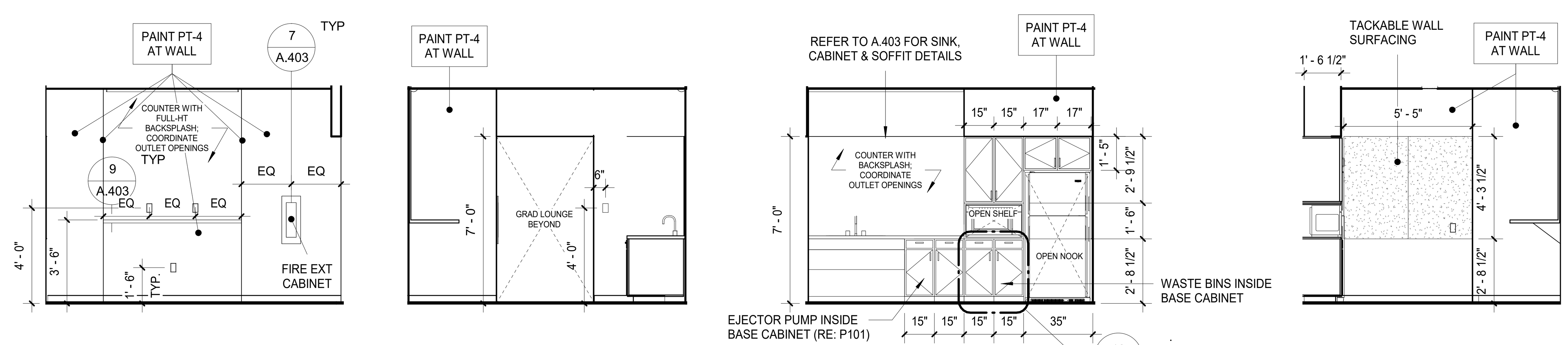
9 OFFICE 0003P - SOUTH ELEV.
1/4" = 1'-0"

10 OFFICES 0003M & N - WEST ELEV.
1/4" = 1'-0"

11 OFFICES 0003M & N - NORTH ELEV.
1/4" = 1'-0"

12 OFFICES 0003M & N - SOUTH ELEV.
1/4" = 1'-0"

14 OFFICES 0003M & N - EAST ELEV.
1/4" = 1'-0"



15 KITCHENETTE - NORTH ELEV
1/4" = 1'-0"

16 KITCHENETTE - EAST ELEV
1/4" = 1'-0"

17 KITCHENETTE - SOUTH ELEV
1/4" = 1'-0"

18 KITCHENETTE - WEST ELEV
1/4" = 1'-0"

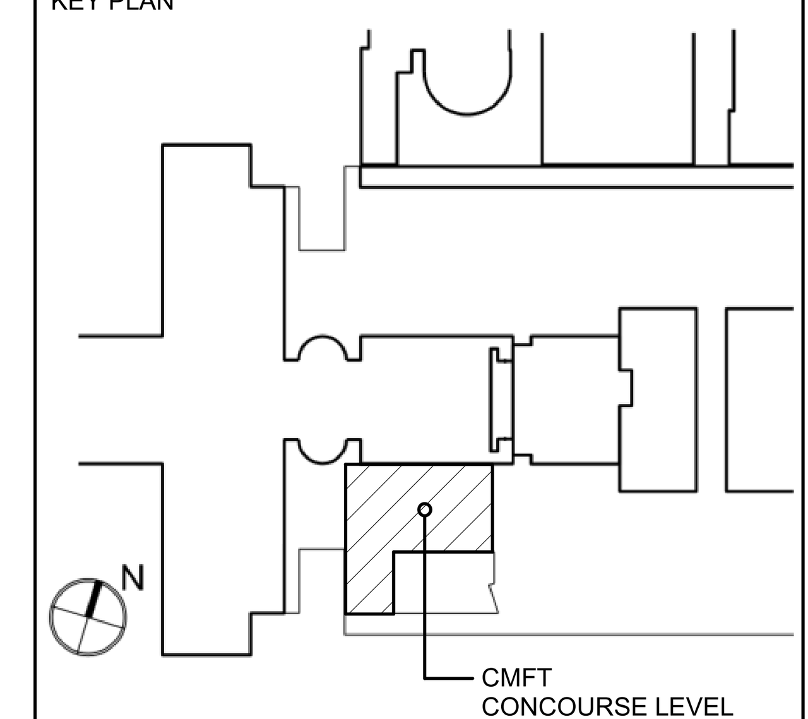
GENERAL NOTES

1. ITEMS NOT IN CONTRACT:
   A. FURNITURE (SEATS, DESKS, TABLES)
   B. APPLIANCES (MICROWAVE, REFRIGERATOR)
   C. WASTE DISPOSAL BINS

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

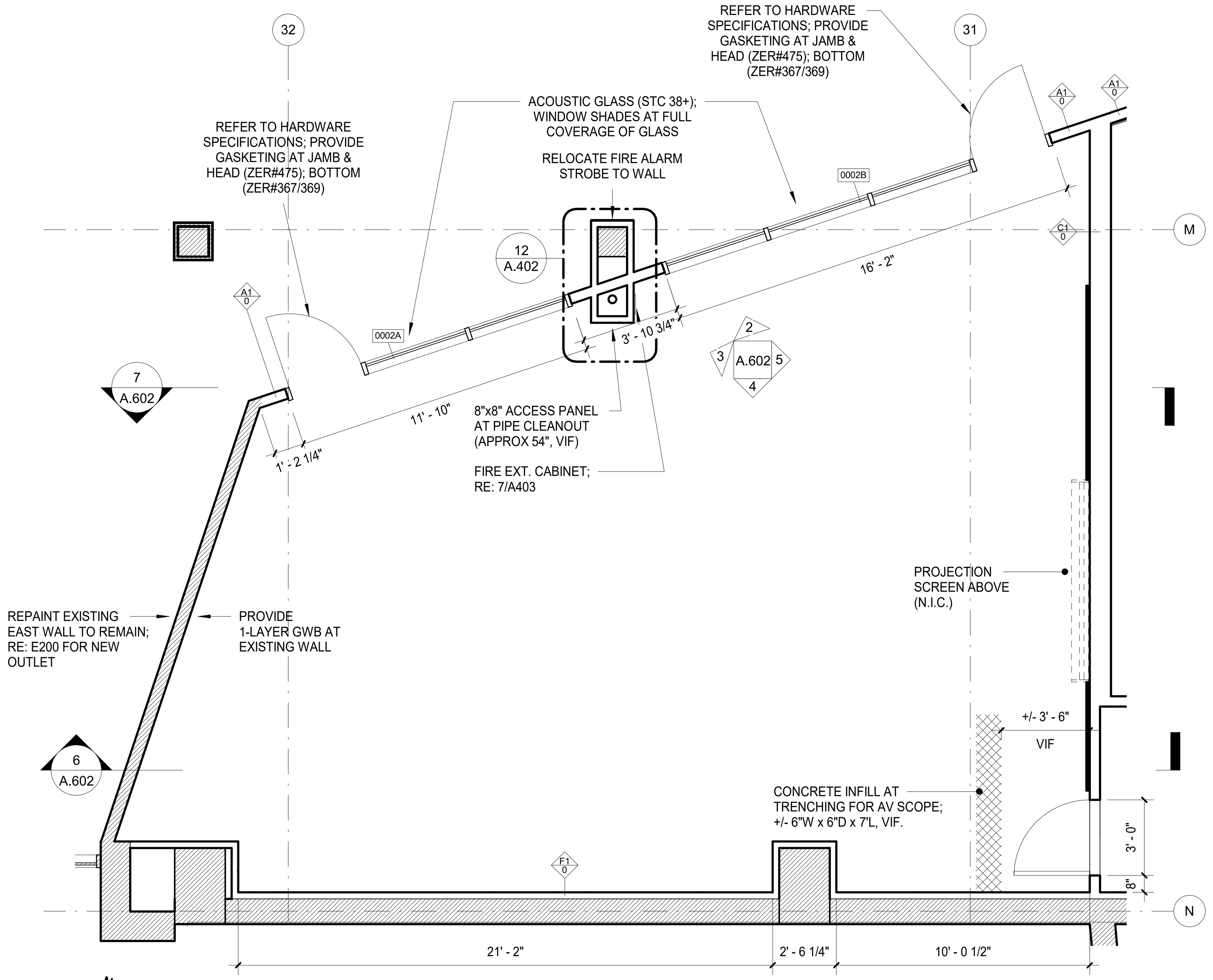
PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
ENLARGED PLAN & ELEVATIONS - LOUNGE

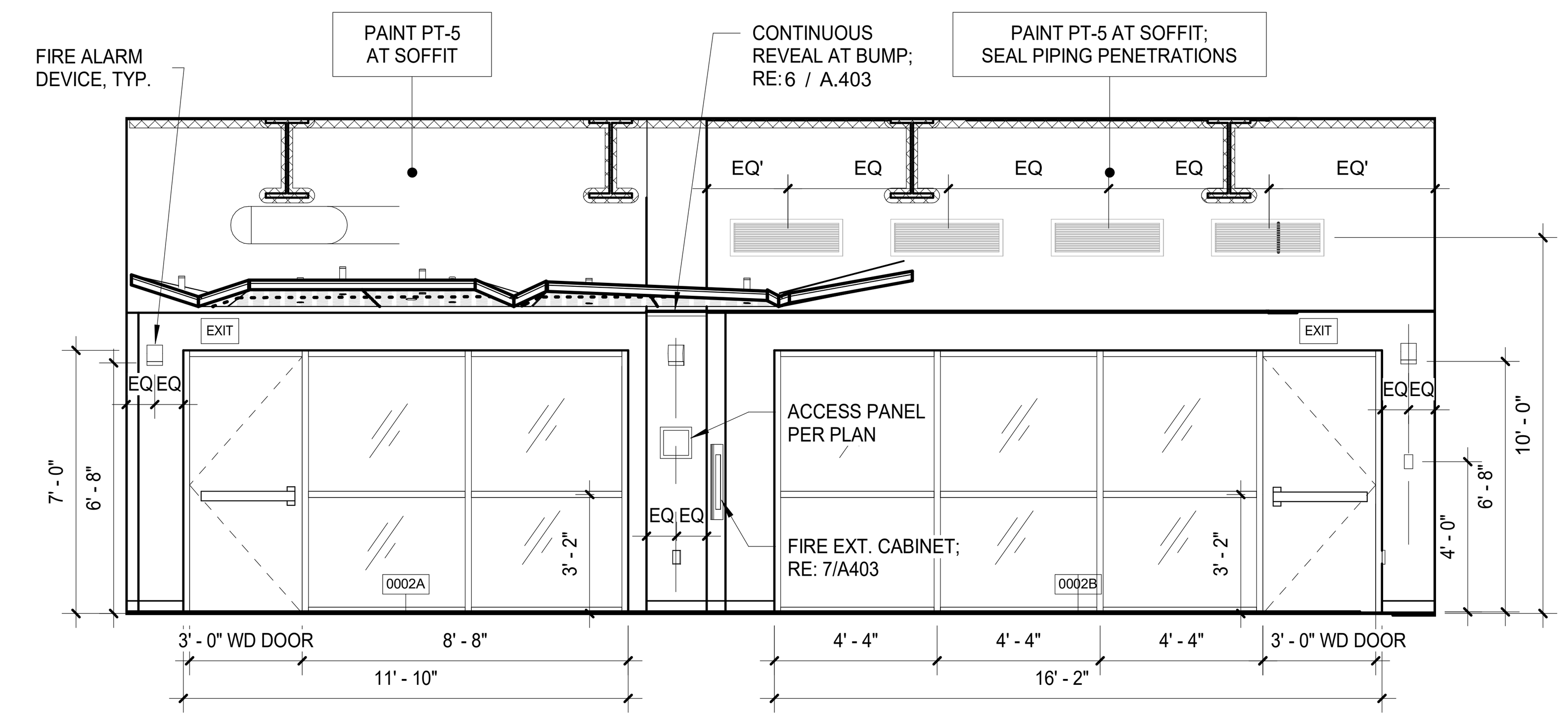
SCALE:
As indicated

DATE:
12 JUNE 2023

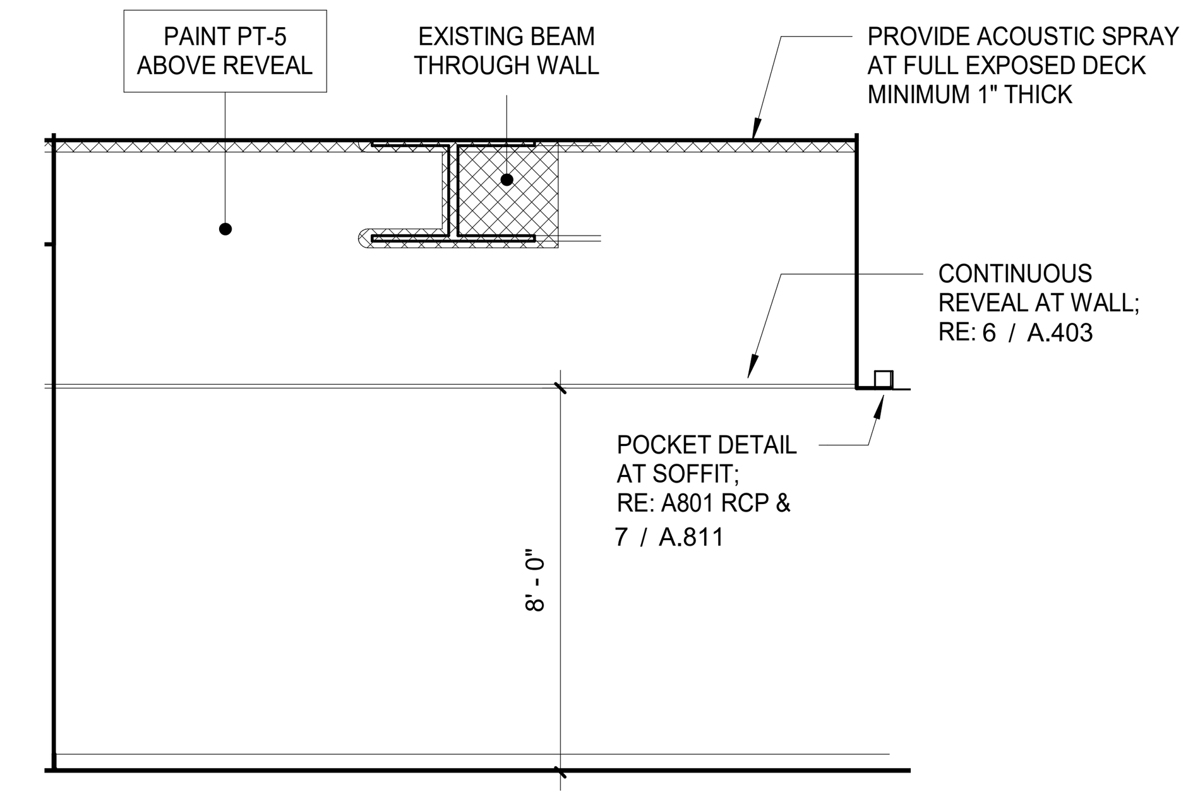
DRAWING NO.:
A.601



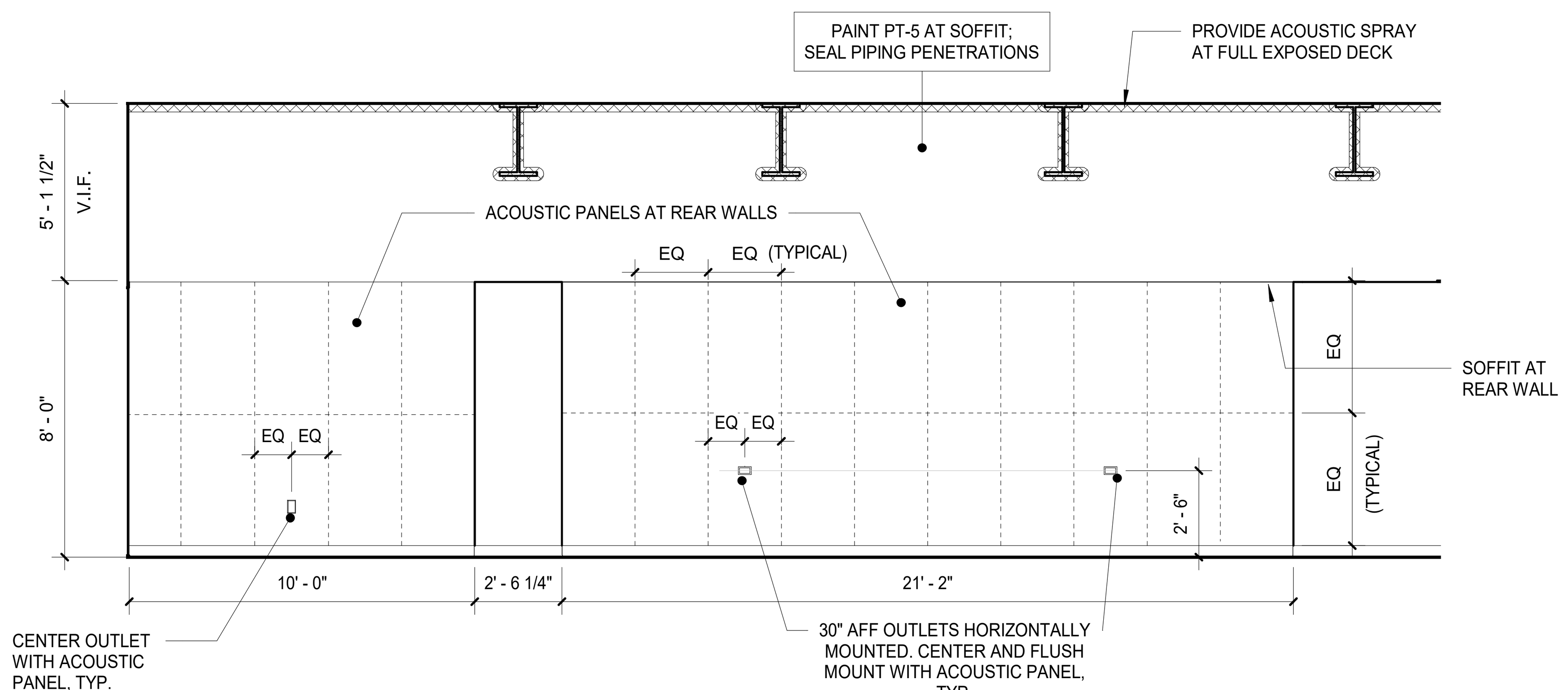
1 ENLARGED PLAN - PRESENTATION
1/4" = 1'-0"



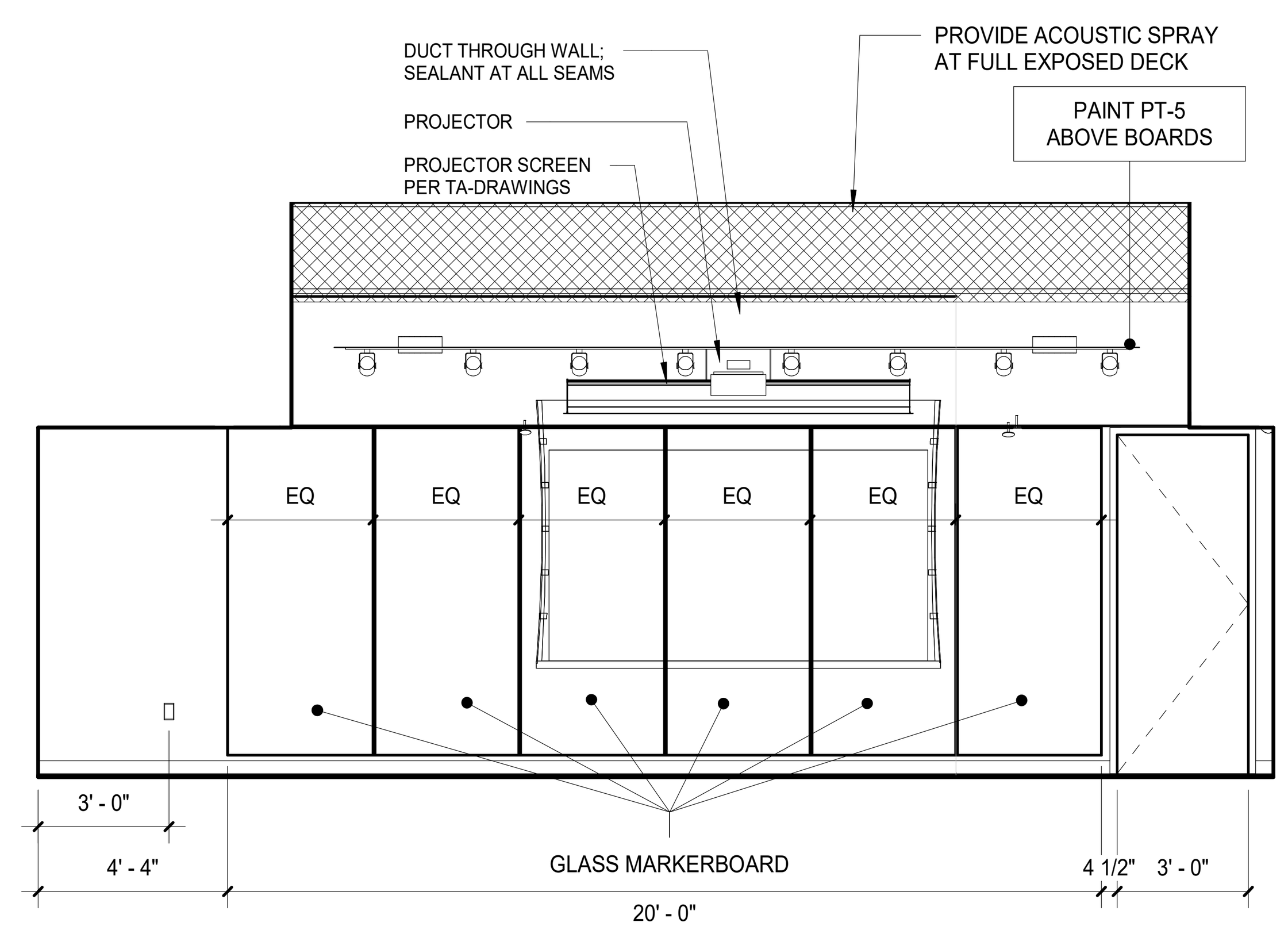
2 PRESENTATION - NORTH ELEVATION
1/4" = 1'-0"



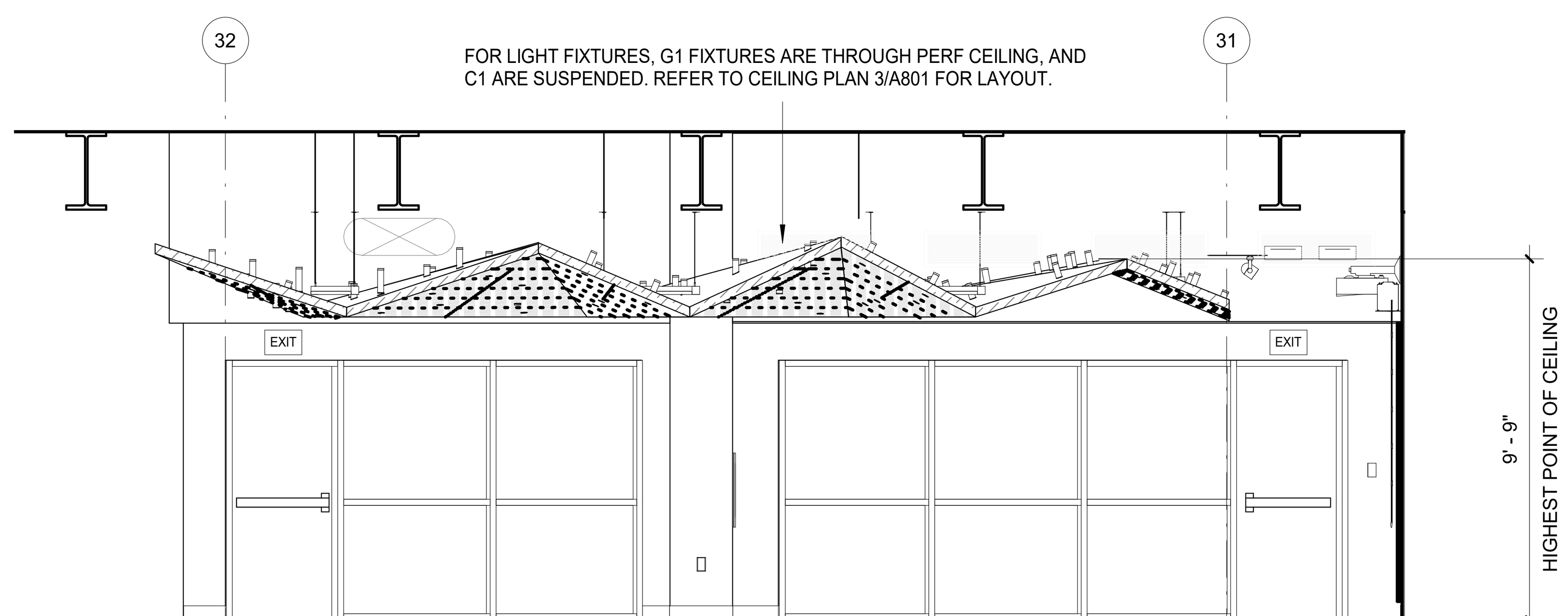
3 PRESENTATION - WEST ELEVATION
1/4" = 1'-0"



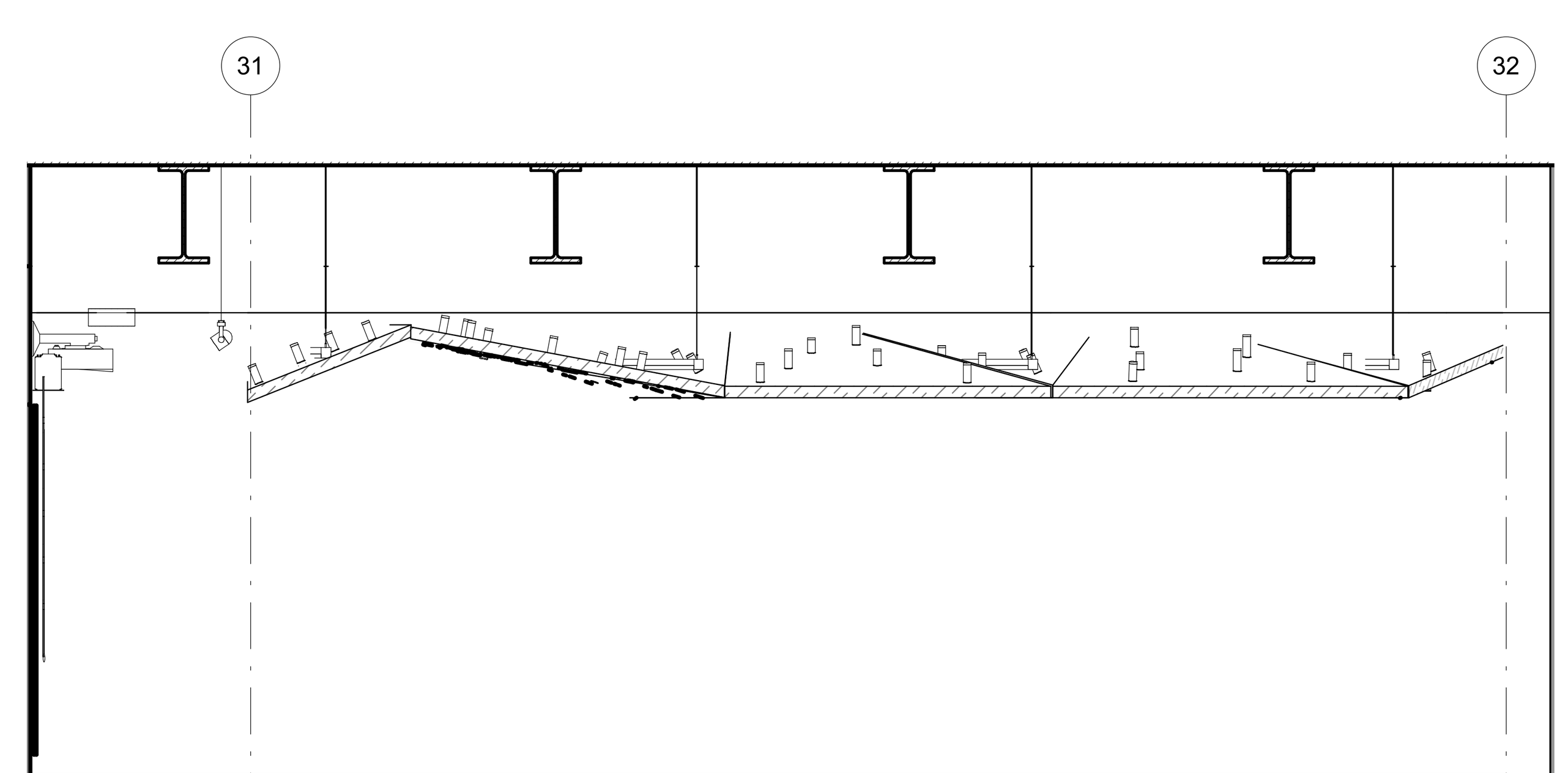
4 PRESENTATION - SOUTH ELEVATION
1/4" = 1'-0"



5 PRESENTATION - EAST ELEVATION
1/4" = 1'-0"



6 CEILING SECTION VIEWING NORTH
1/4" = 1'-0"



7 CEILING SECTION VIEWING SOUTH
1/4" = 1'-0"

PENETRATIONS (DUCTS, PIPES, CONDUIT, ETC.) THROUGH ACOUSTICAL PARTITIONS ARE TO BE HANDLED AS FOLLOWS:

1. GAP UP TO ½-INCH: ACOUSTICAL SEALANT OR SIMILAR NON-HARDENING, EVER-RESILIENT CAULKING COMPOUND.
2. GAP FROM ½-INCH UP TO 1-INCH: COMPRESSED FOAM BACKER ROD WITH ACOUSTICAL SEALANT OR SIMILAR NON-HARDENING, EVER-RESILIENT CAULKING COMPOUND.
3. GAPS BETWEEN 1-INCH AND 2-INCHES: FILLED TIGHTLY WITH BATT INSULATION, THEN SEALED WITH HEAVY-DENSITY PUTTY SUCH AS STI FIRESTOP OR SMOKE 'N' SOUND SPRAY, NELSON FSP OR CLK SEALANT; J.M. CLIPPER 'DUXSEAL'; 3M 'MOLDABLE PUTTY.' FIRE RATINGS OF MATERIALS TO BE VERIFIED BY CAMPUS

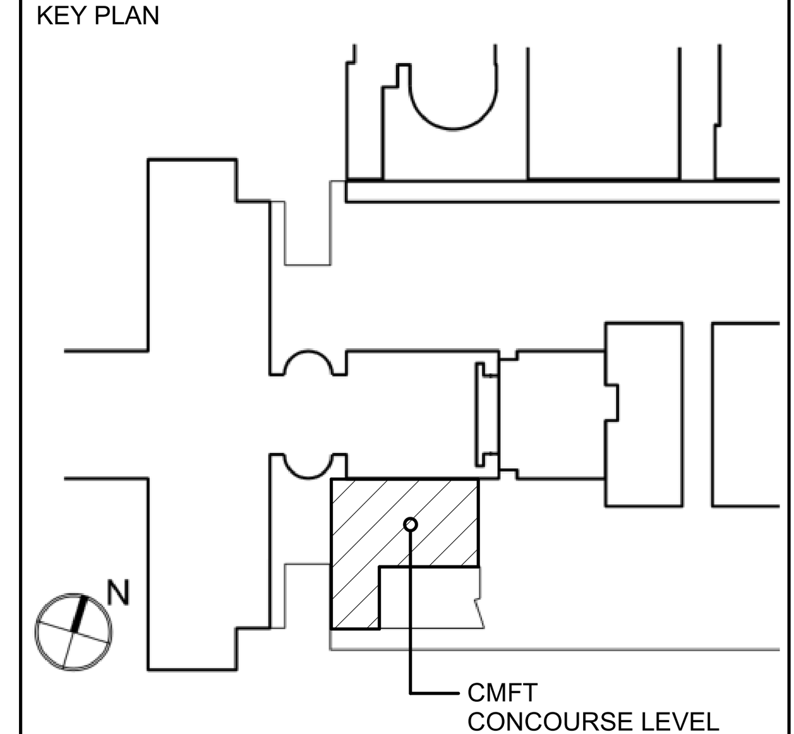
GENERAL NOTES

1. ITEMS NOT IN CONTRACT:
   A. FURNITURE (SEATS, DESKS, TABLES)
   B. APPLIANCES (MICROWAVE, REFRIGERATOR)
   C. WASTE DISPOSAL BINS

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

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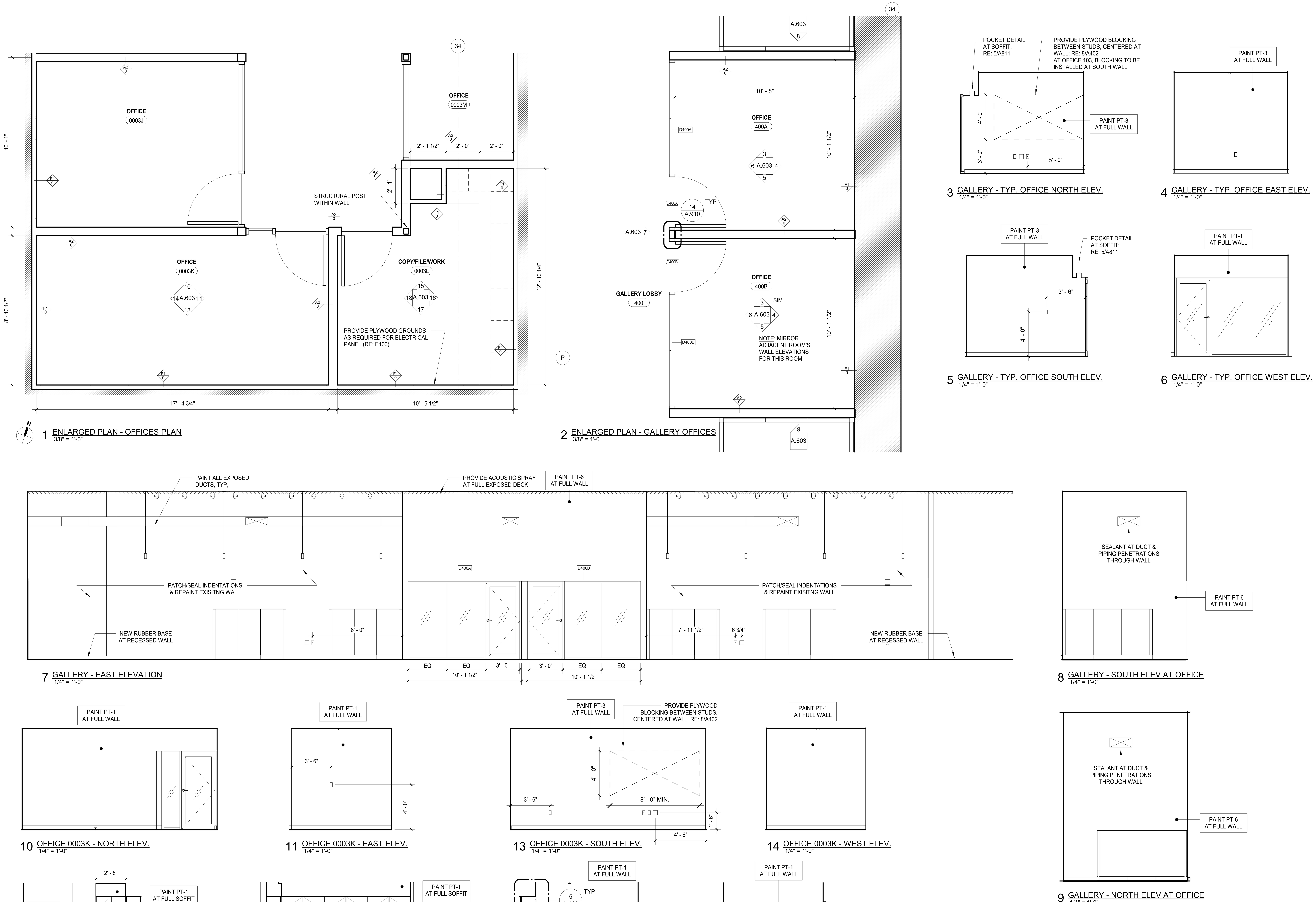
PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

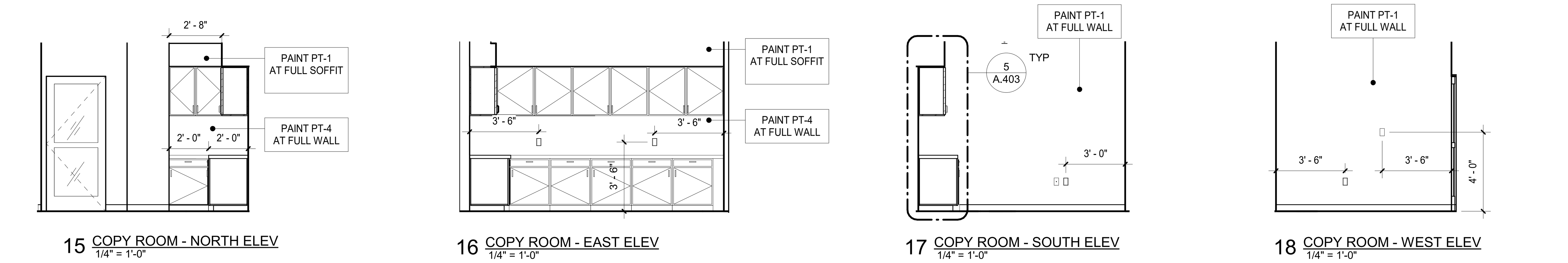
DRAWING TITLE:
ENLARGED PLAN & ELEVATIONS - PRESENTATION

SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
A.602





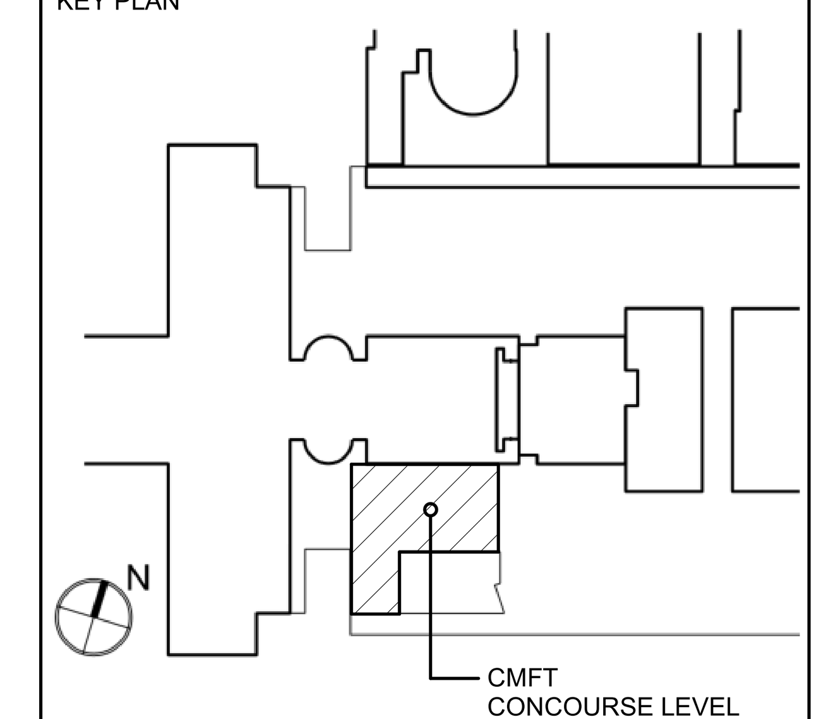
GENERAL NOTES

1. ITEMS NOT IN CONTRACT:
   A. FURNITURE (SEATS, DESKS, TABLES)
   B. APPLIANCES (MICROWAVE, REFRIGERATOR)
   C. WASTE DISPOSAL BINS

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

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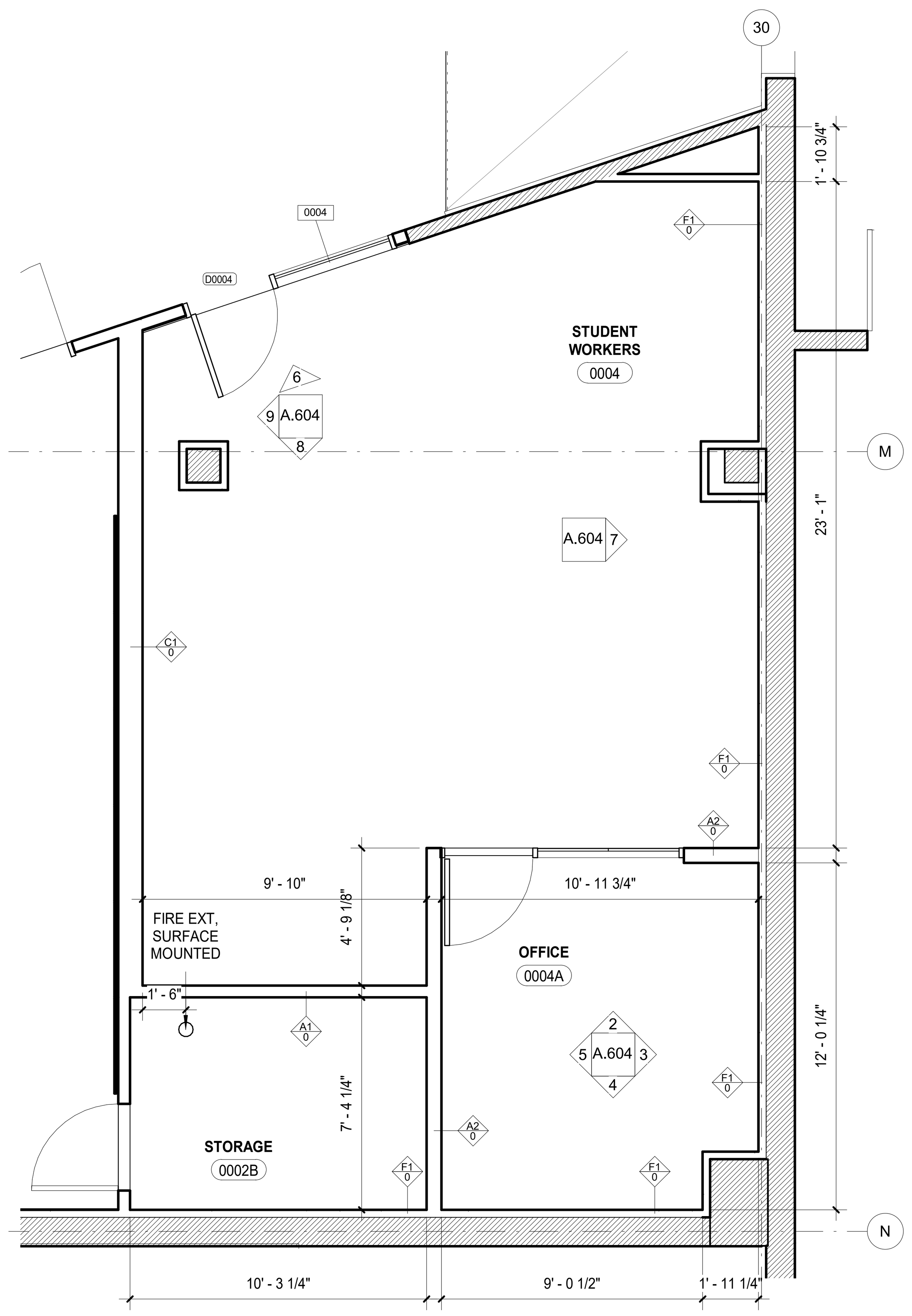
PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
ENLARGED PLAN & ELEVATIONS - OFFICES

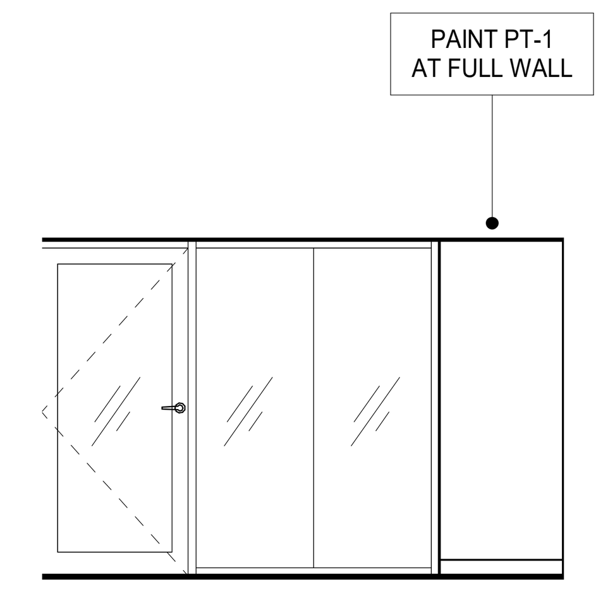
SCALE:
As indicated

DATE:
12 JUNE 2023

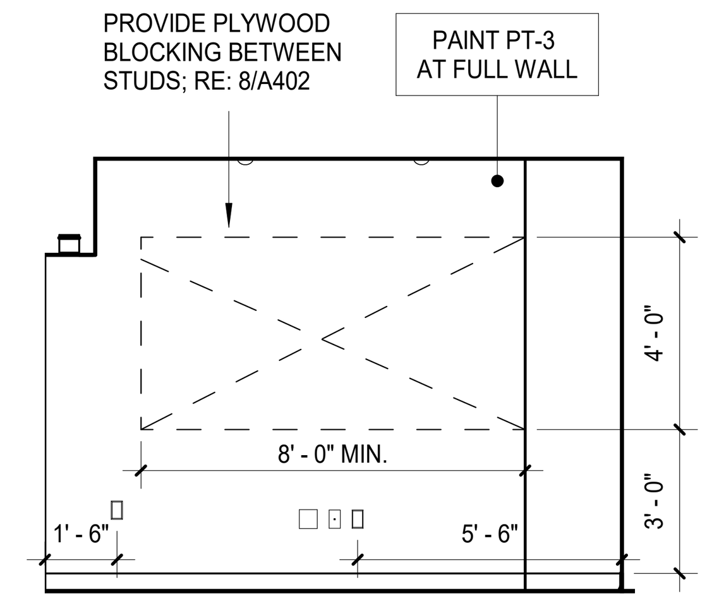
DRAWING NO.:
A.603



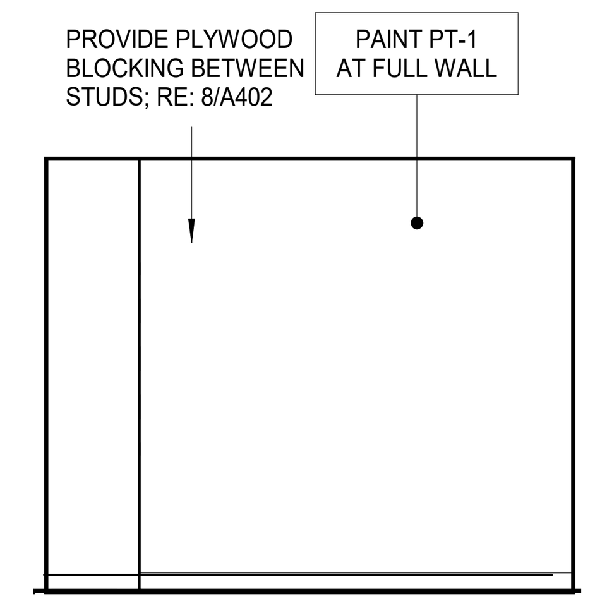
1 ENLARGED PLAN - STUDENT WORK & EAST OFFICES
1/4" = 1'-0"



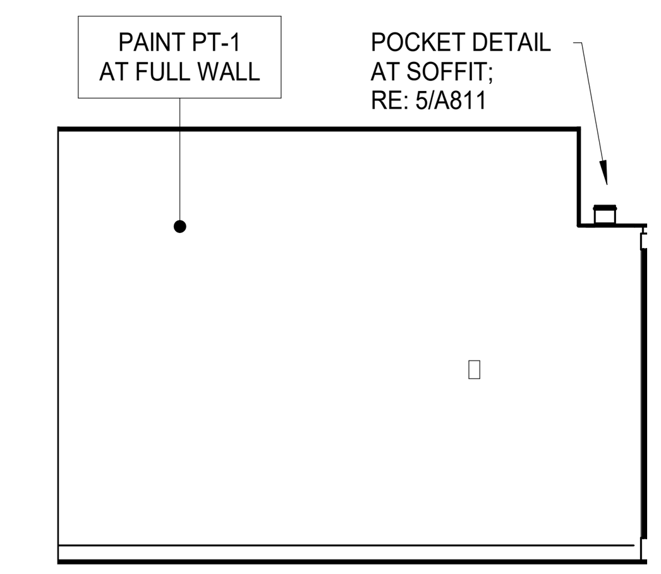
2 OFFICE 0004A - NORTH ELEVATION
1/4" = 1'-0"



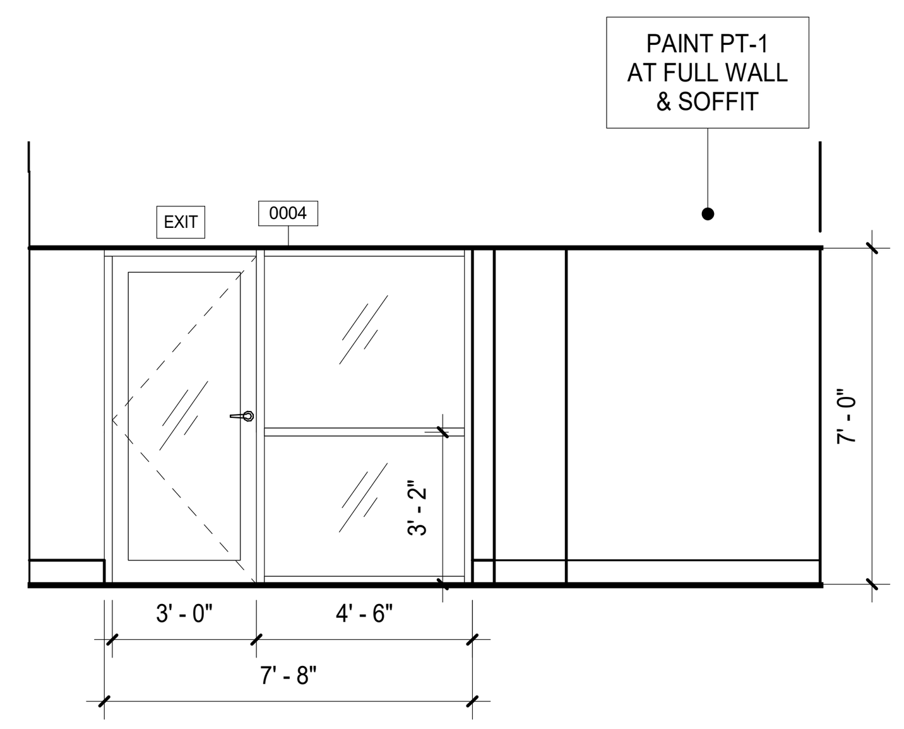
3 OFFICE 0004A - EAST ELEVATION
1/4" = 1'-0"



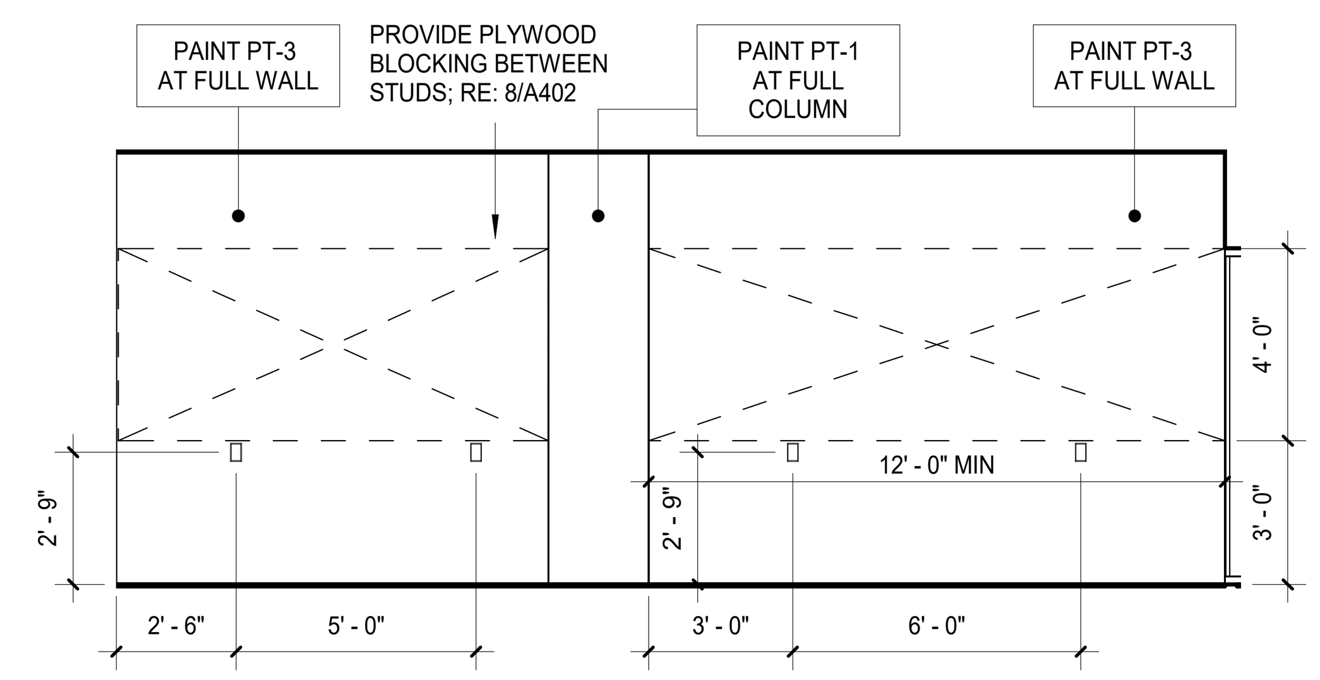
4 OFFICE 0004A - SOUTH ELEVATION
1/4" = 1'-0"



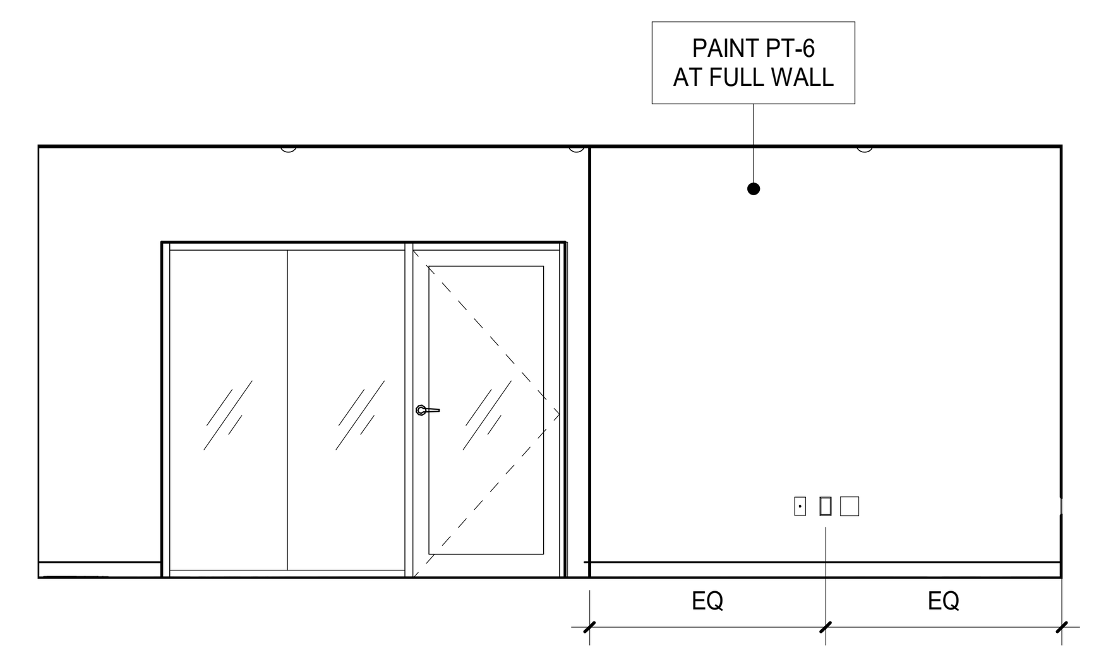
5 OFFICE 0004A - WEST ELEVATION
1/4" = 1'-0"



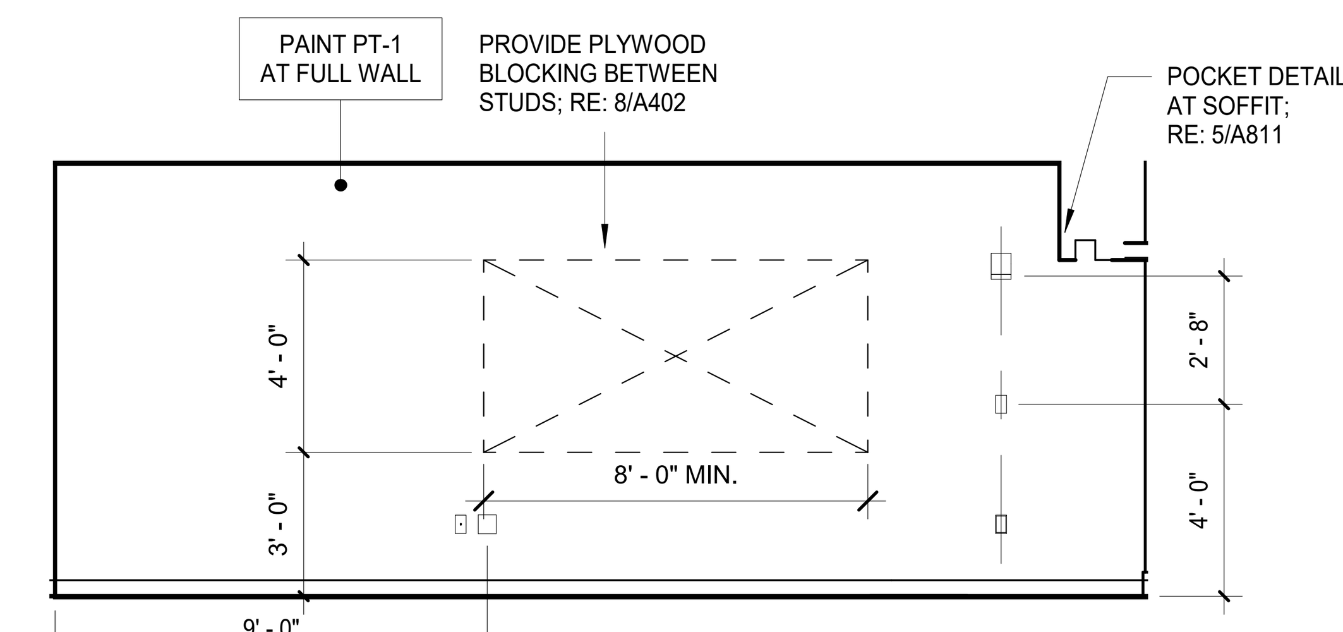
6 STUDENT WORKERS 0004 - NORTH ELEV
1/4" = 1'-0"



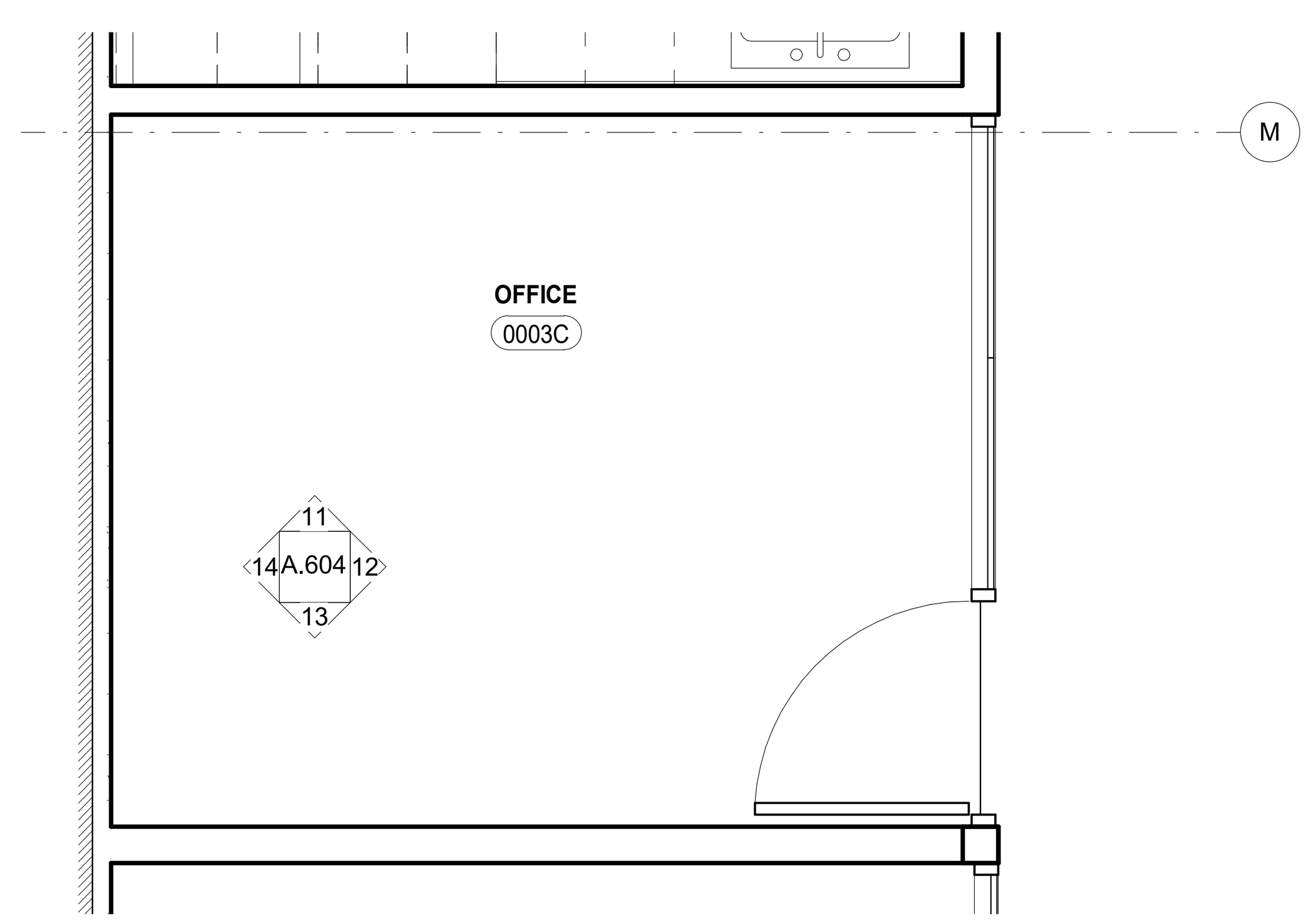
7 STUDENT WORKERS 0004 - EAST ELEVATION
1/4" = 1'-0"



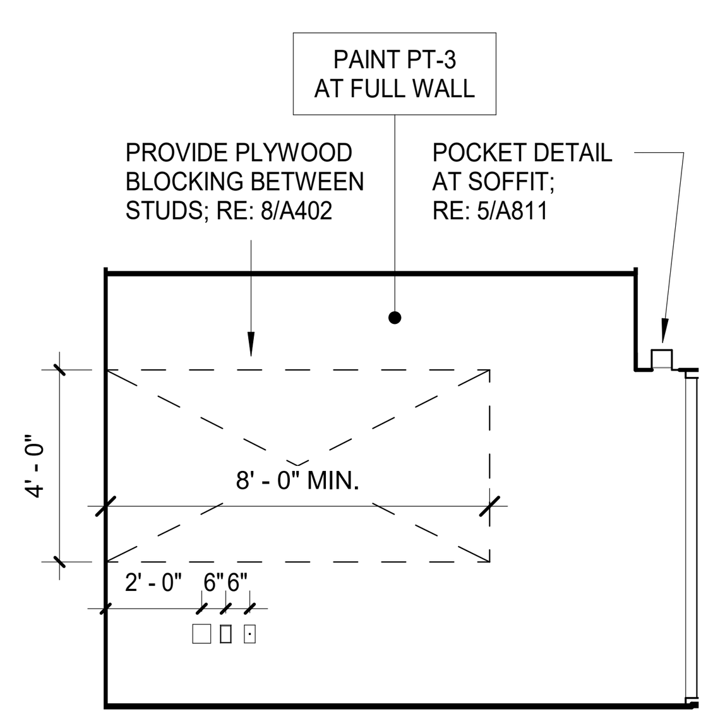
8 STUDENT WORKERS 0004 - SOUTH ELEV
1/4" = 1'-0"



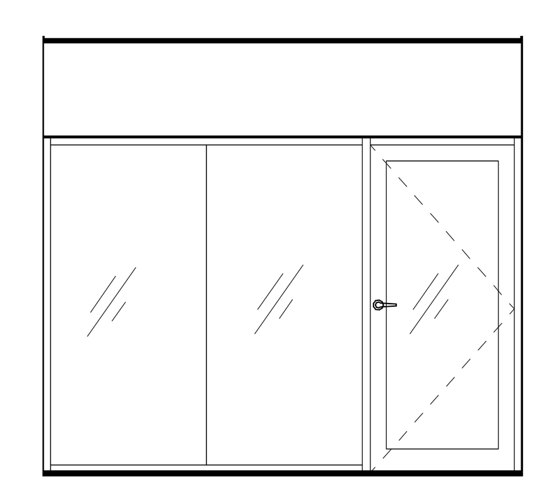
9 STUDENT WORKERS 0004 - WEST ELEV
1/4" = 1'-0"



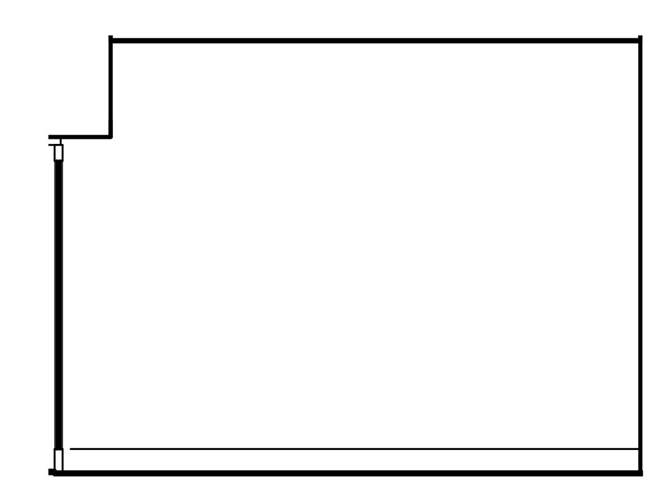
10 ENLARGED PLAN - TYPICAL WEST OFFICE
3/8" = 1'-0"



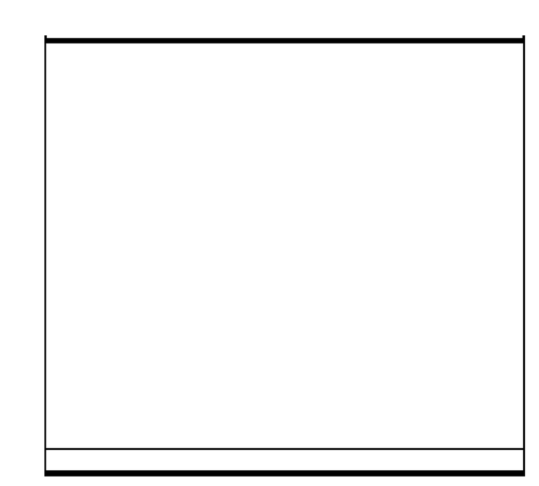
11 TYP. WEST OFFICE - NORTH ELEV
1/4" = 1'-0"



12 TYP. WEST OFFICE - EAST ELEV
1/4" = 1'-0"



13 TYP. WEST OFFICE - SOUTH ELEV
1/4" = 1'-0"



14 TYP. WEST OFFICE - WEST ELEV
1/4" = 1'-0"

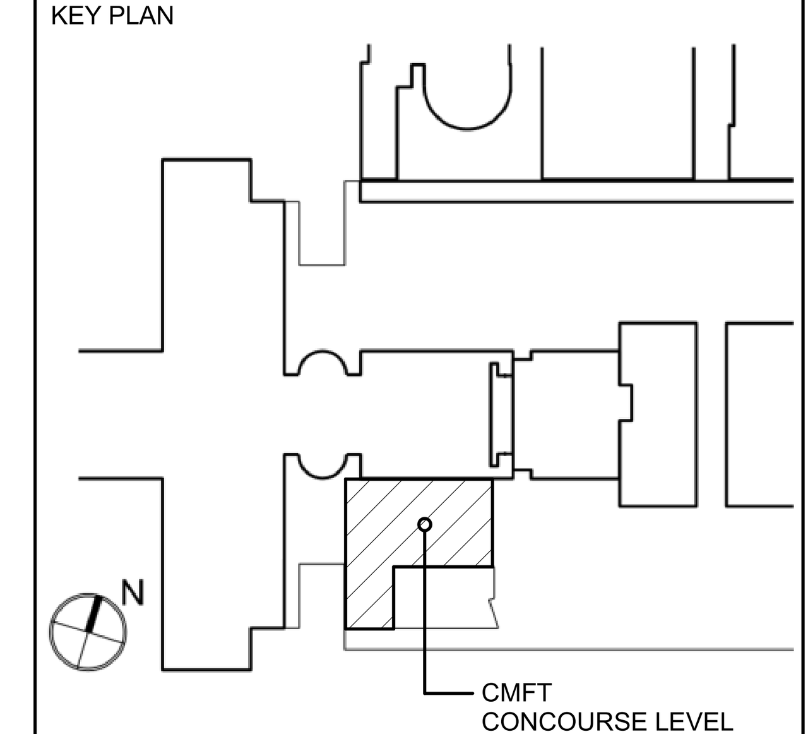
GENERAL NOTES

1. ITEMS NOT IN CONTRACT:
   A. FURNITURE (SEATS, DESKS, TABLES)
   B. APPLIANCES (MICROWAVE, REFRIGERATOR)
   C. WASTE DISPOSAL BINS

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

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- A Perkins Eastman Studio
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115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

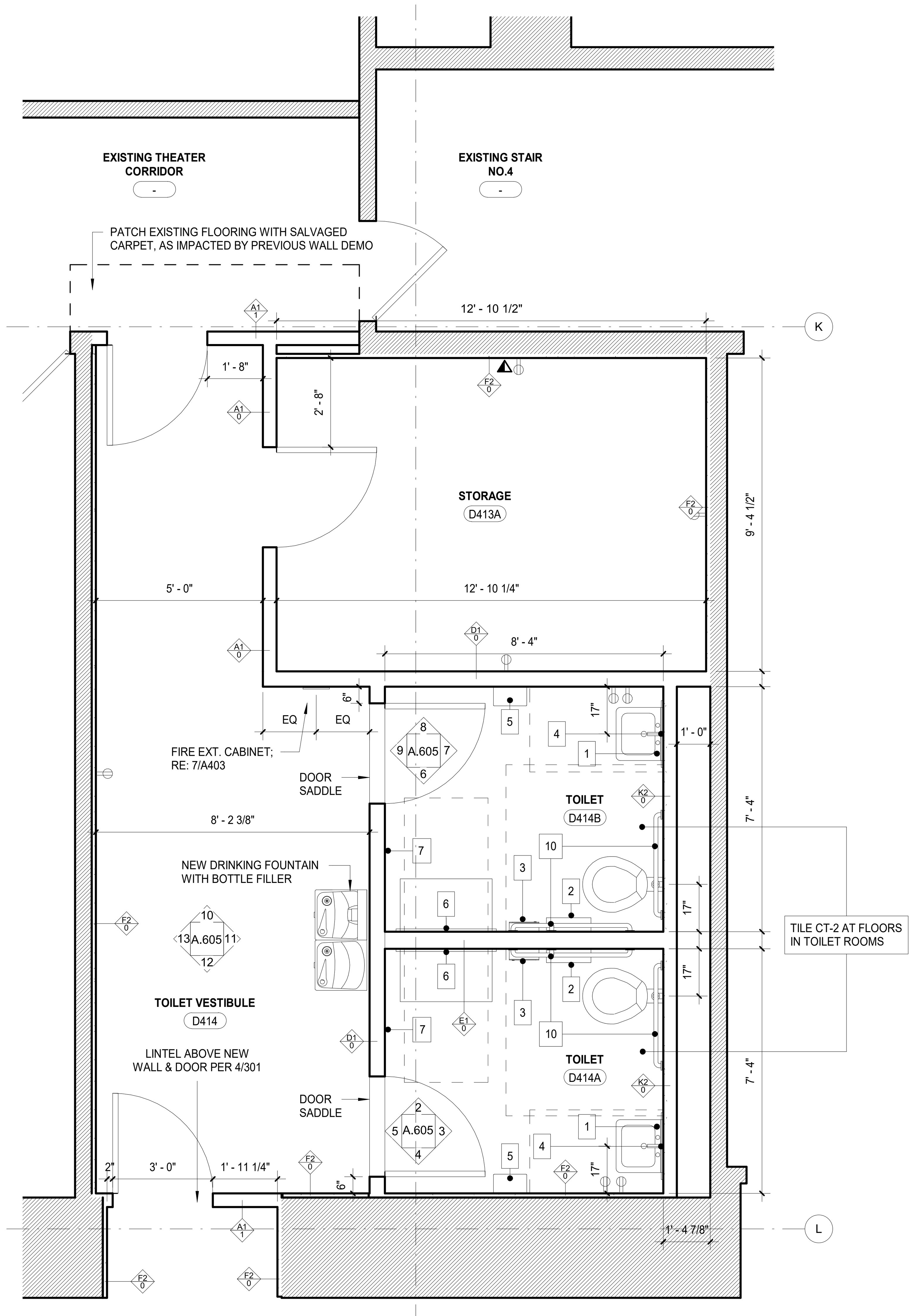
DRAWING TITLE:
ENLARGED PLAN & ELEVATIONS - STUDENT WORK & OFFICE

SCALE:
As indicated

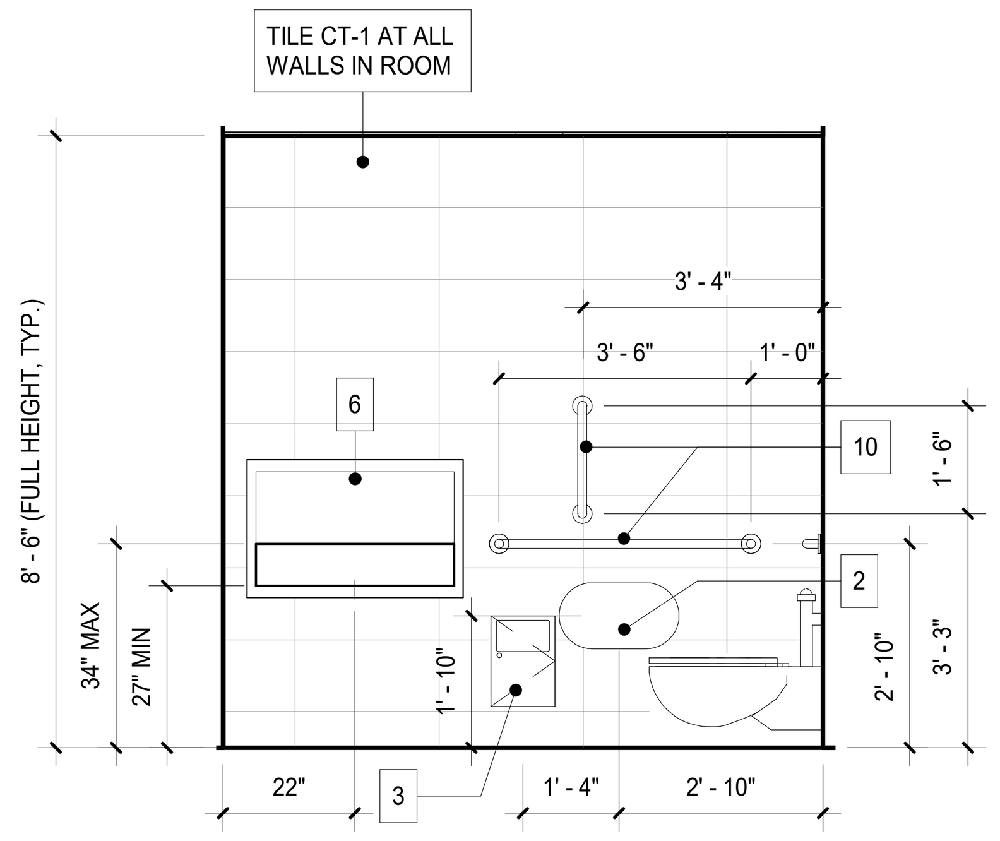
DATE:
12 JUNE 2023

DRAWING NO.:
A.604

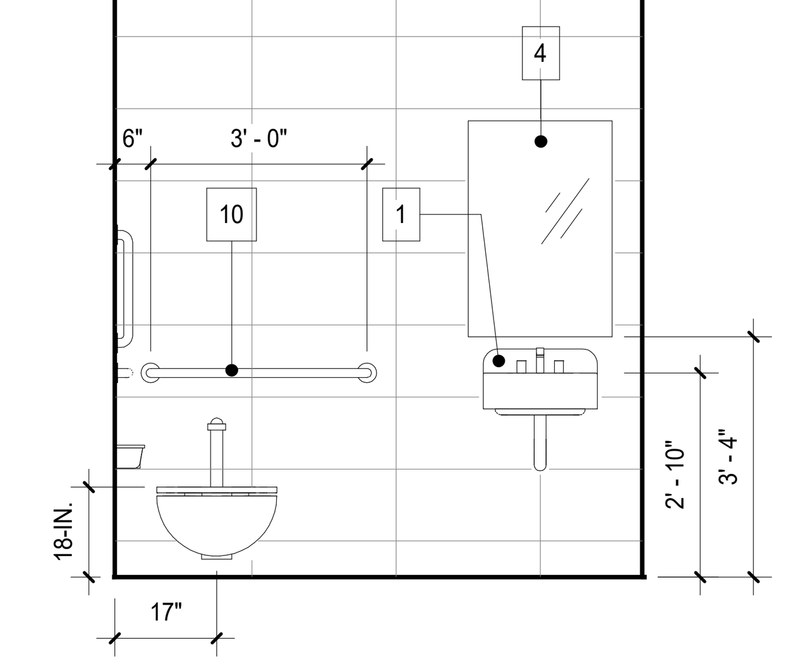
REGISTERED ARCHITECT STATE OF NEW YORK



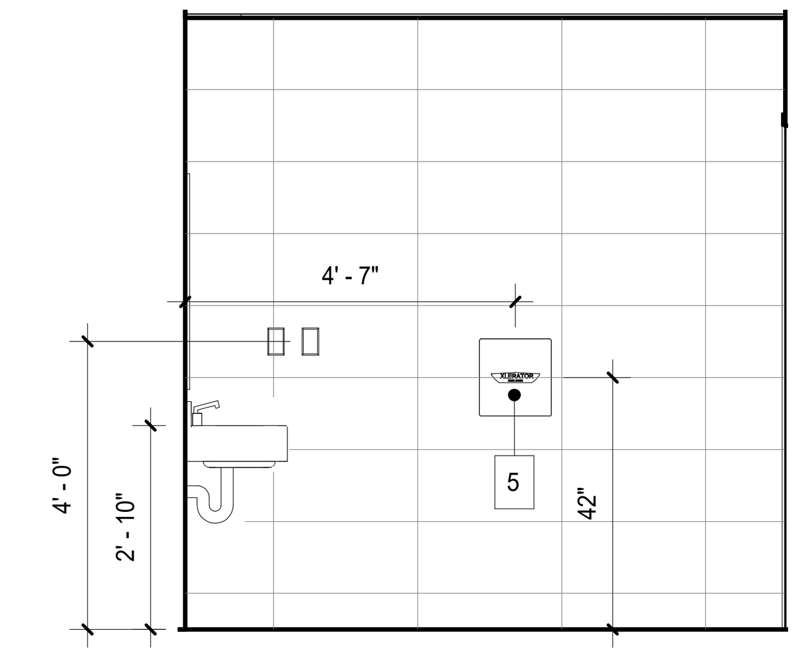
1 ENLARGED PLAN AT TOILETS
3/8" = 1'-0"



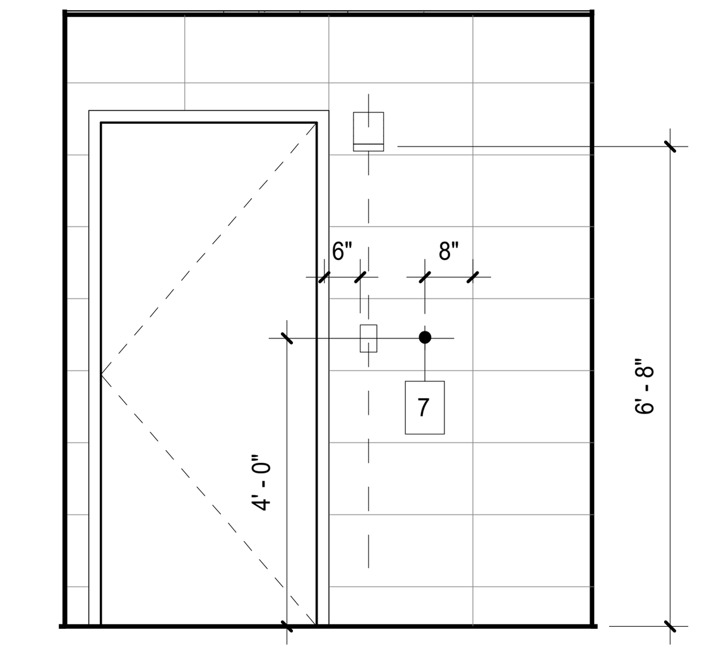
2 TOILET 005A ELEVATION - NORTH
3/8" = 1'-0"



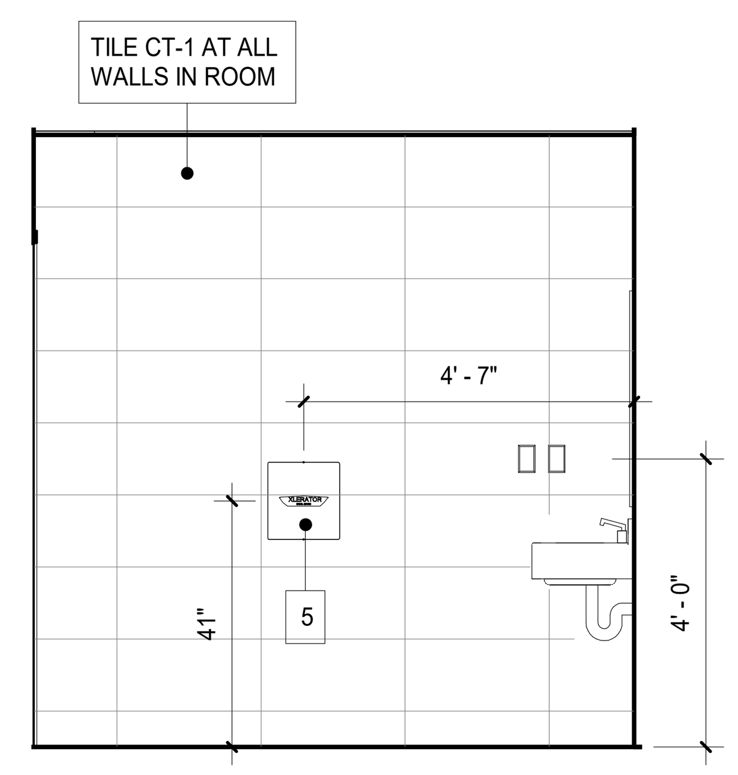
3 TOILET 005A ELEVATION - EAST
3/8" = 1'-0"



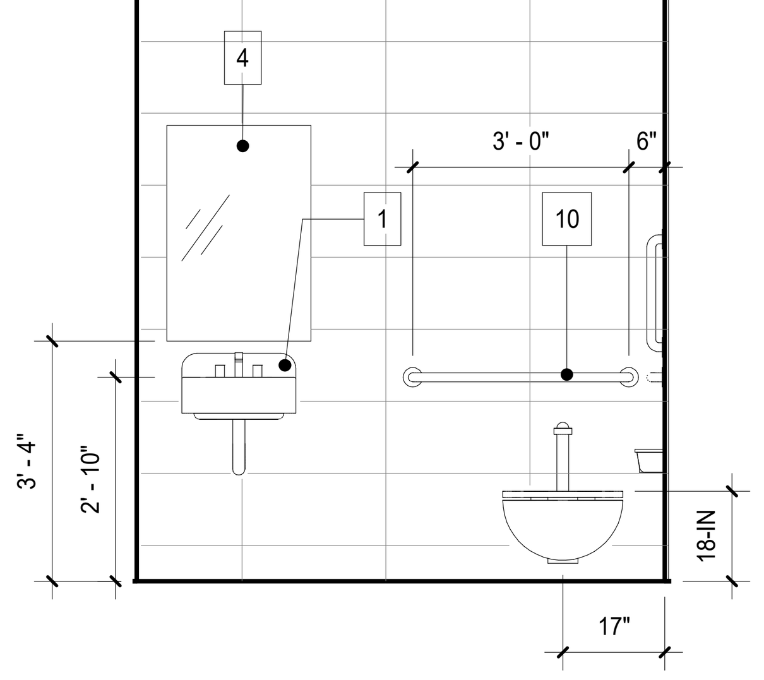
4 TOILET 005A ELEVATION - SOUTH
3/8" = 1'-0"



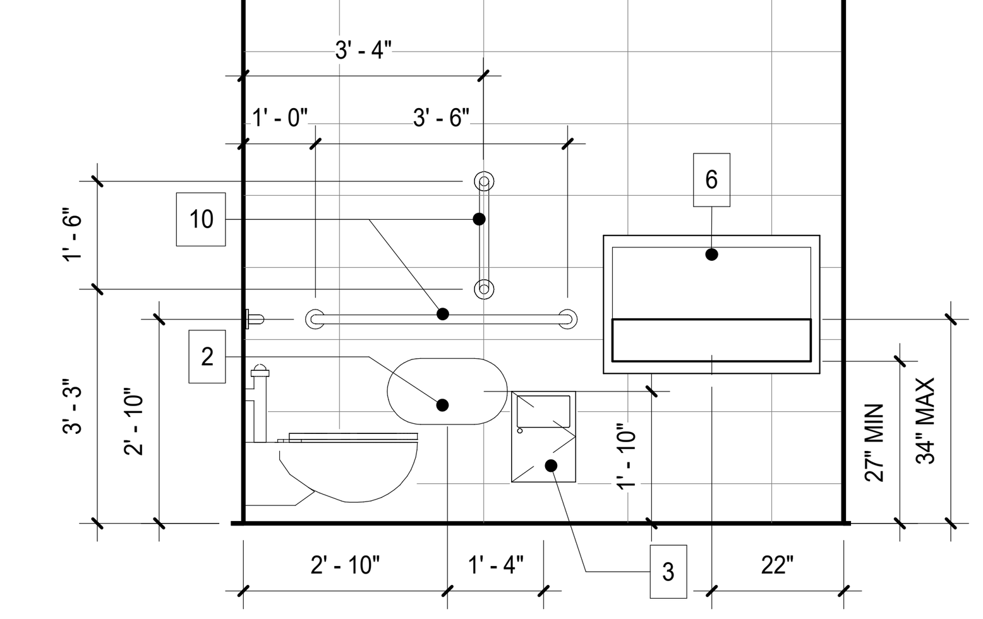
5 TOILET 005A ELEVATION - WEST
3/8" = 1'-0"



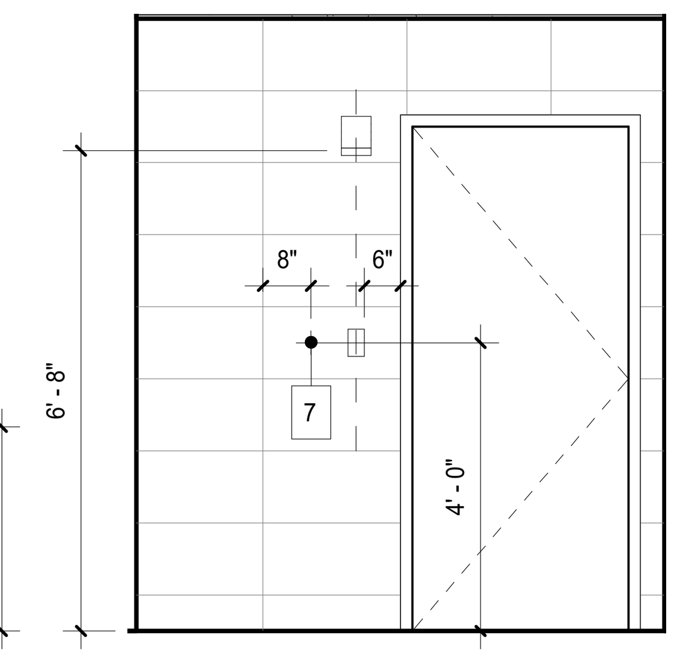
8 TOILET 005B ELEVATION - NORTH
3/8" = 1'-0"



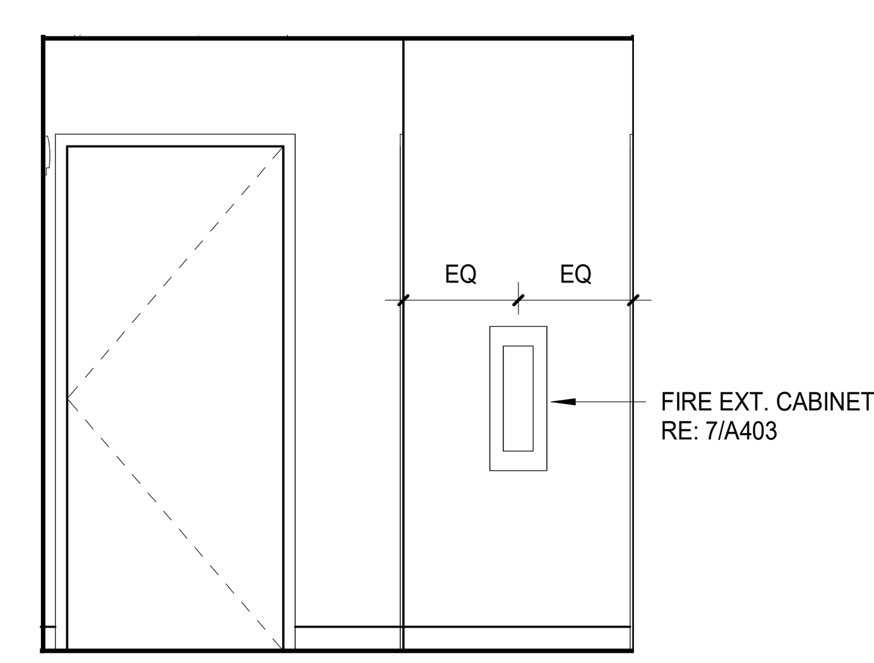
7 TOILET 005B ELEVATION - EAST
3/8" = 1'-0"



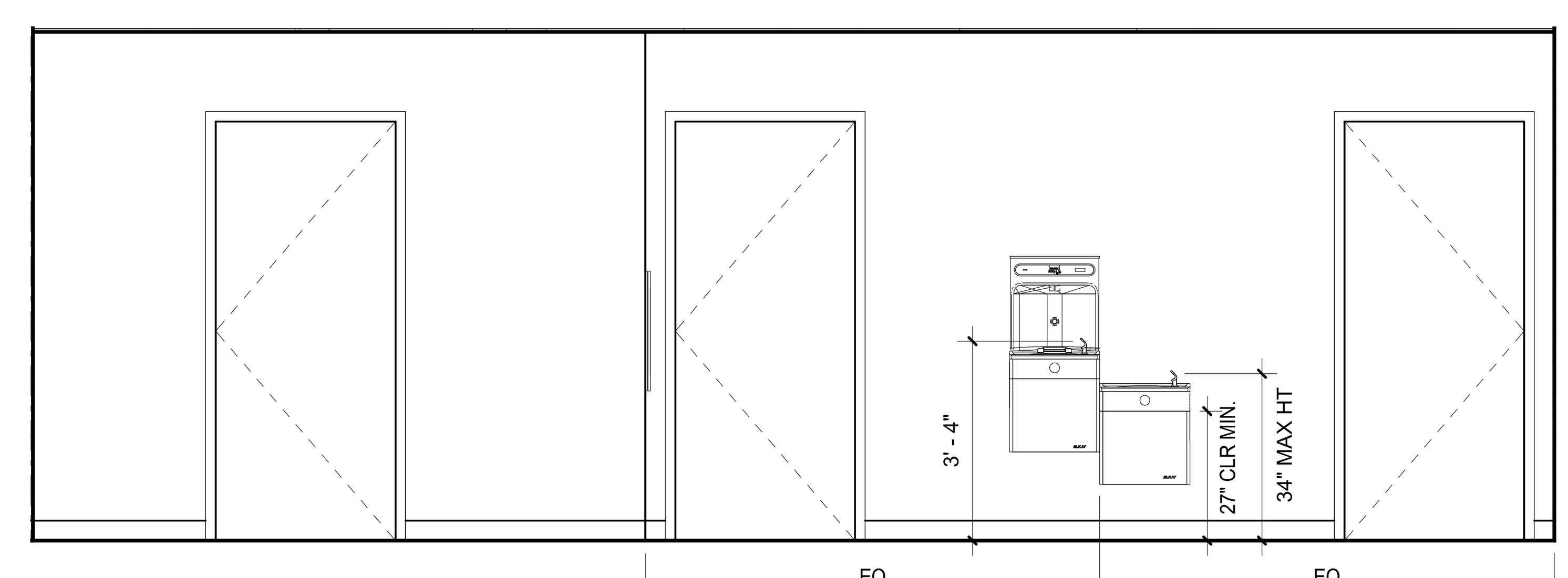
6 TOILET 005B ELEVATION - SOUTH
3/8" = 1'-0"



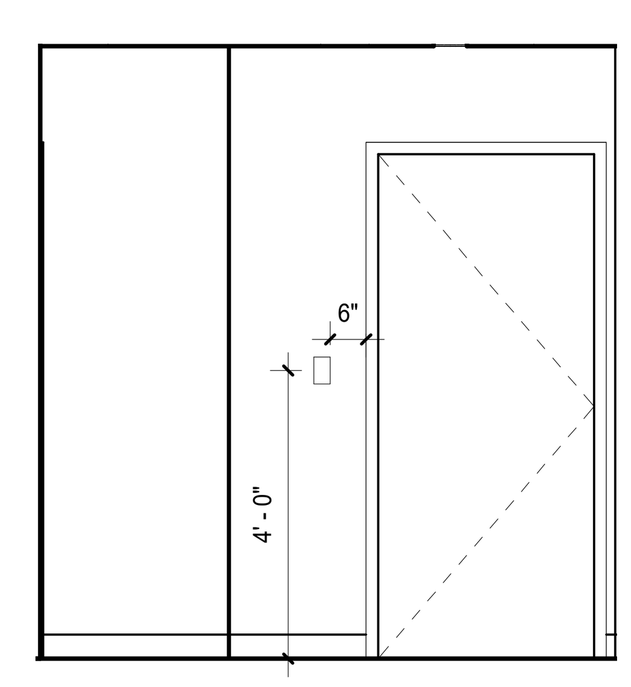
9 TOILET 005B ELEVATION - WEST
3/8" = 1'-0"



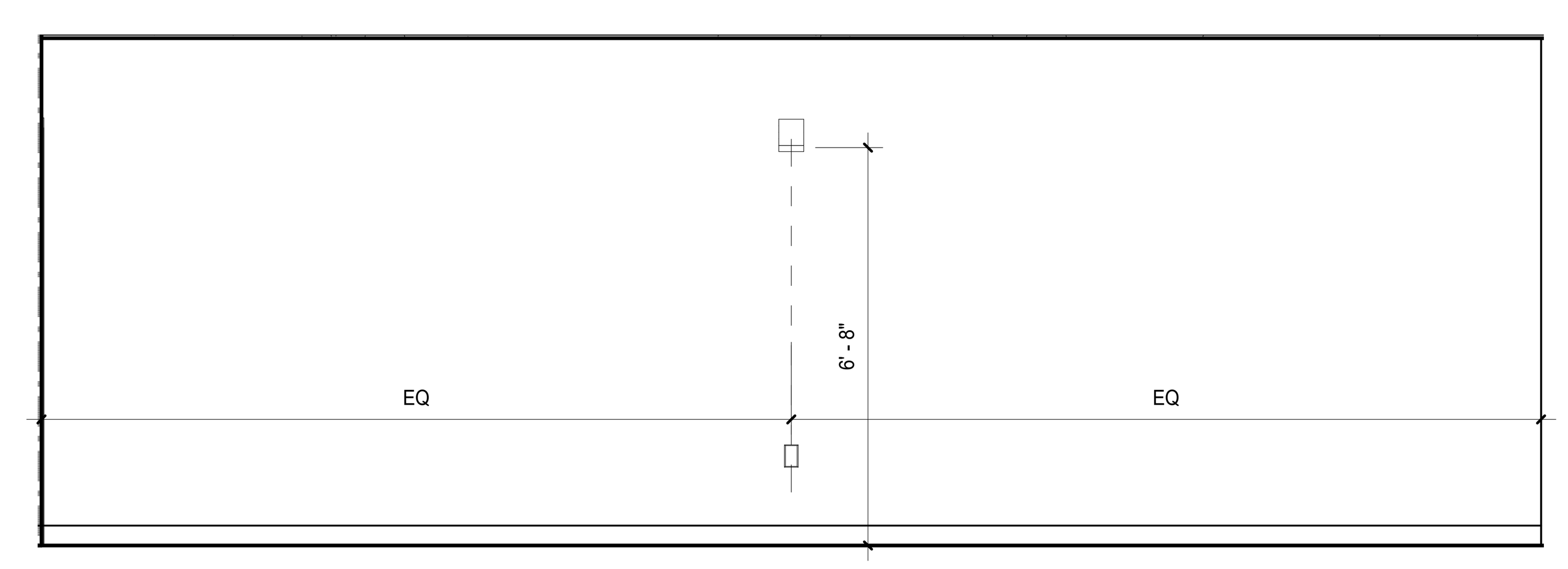
10 TOILET VESTIBULE ELEVATION - NORTH
3/8" = 1'-0"



11 TOILET VESTIBULE ELEVATION - EAST
3/8" = 1'-0"



12 TOILET VESTIBULE ELEVATION - SOUTH
3/8" = 1'-0"



13 TOILET VESTIBULE ELEVATION - WEST
3/8" = 1'-0"

TOILET ROOM - 005A

CONTRACTOR PROVIDED & INSTALLED EQUIPMENT

TAG	ITEM DESCRIPTION	SIZE	MOUNTING	QUANTITY
1	SOAP DISPENSER	-	THRU COUNTER	1
2	TOILET PAPER DISPENSER	BOBRICK B-2892	SURFACE	1
3	SANITARY NAPKIN DISPOSAL	-	SURFACE	1
4	MIRROR	24"x36"	SURFACE	1
5	ELECTRIC HAND DRYER	-	SURFACE	1
6	BABY CHANGING STATION	19"X33" IN DOWN POSITION	SURFACE	1
7	COAT HOOK	-	SURFACE	1
10	GRAB BARS - 3 PIECE SET	18", 36", AND 42" LONG; ALL 1 1/2" OUTSIDE DIAMETER	SURFACE	1 SET

TOILET ROOM - 005B

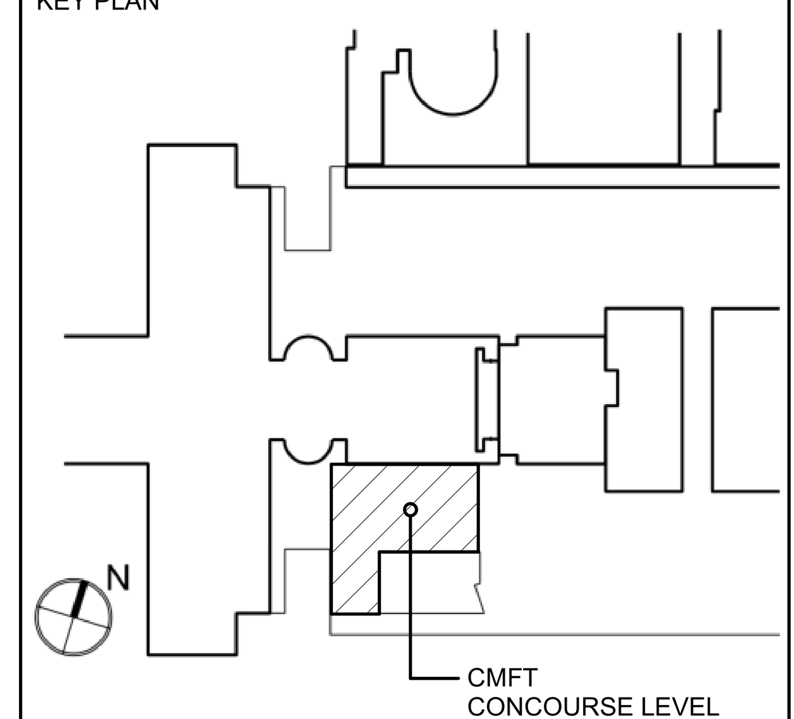
CONTRACTOR PROVIDED & INSTALLED EQUIPMENT

TAG	ITEM DESCRIPTION	SIZE	MOUNTING	QUANTITY
1	SOAP DISPENSER	-	THRU COUNTER	1
2	TOILET PAPER DISPENSER	BOBRICK B-2892	SURFACE	1
3	SANITARY NAPKIN DISPOSAL	-	SURFACE	1
4	MIRROR	24"x36"	SURFACE	1
5	ELECTRIC HAND DRYER	-	SURFACE	1
6	BABY CHANGING STATION	19"X33" IN DOWN POSITION	SURFACE	1
7	COAT HOOK	-	SURFACE	1
10	GRAB BARS - 3 PIECE SET	18", 36", AND 42" LONG; ALL 1 1/2" OUTSIDE DIAMETER	SURFACE	1 SET

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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115 Fifth Avenue, Third Floor, New York, NY 10003

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Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

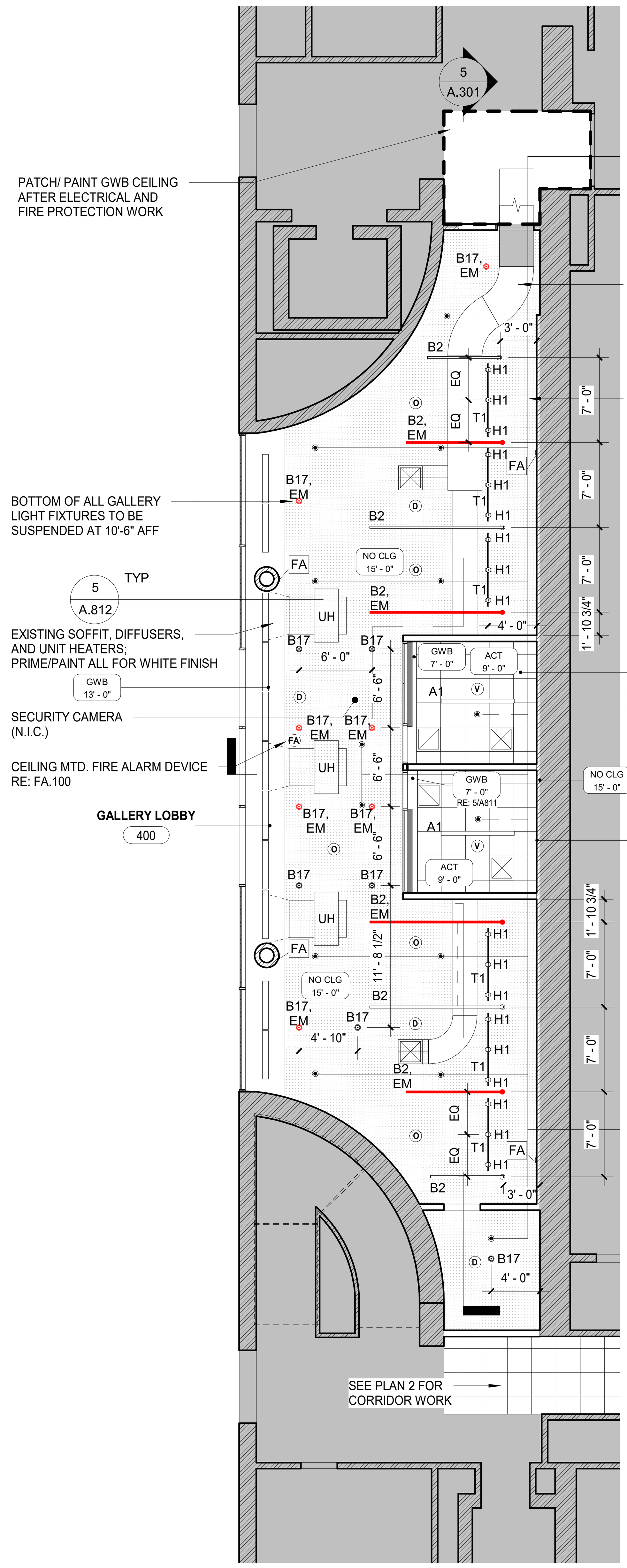
PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
ENLARGED PLAN & ELEVATIONS - TOILETS

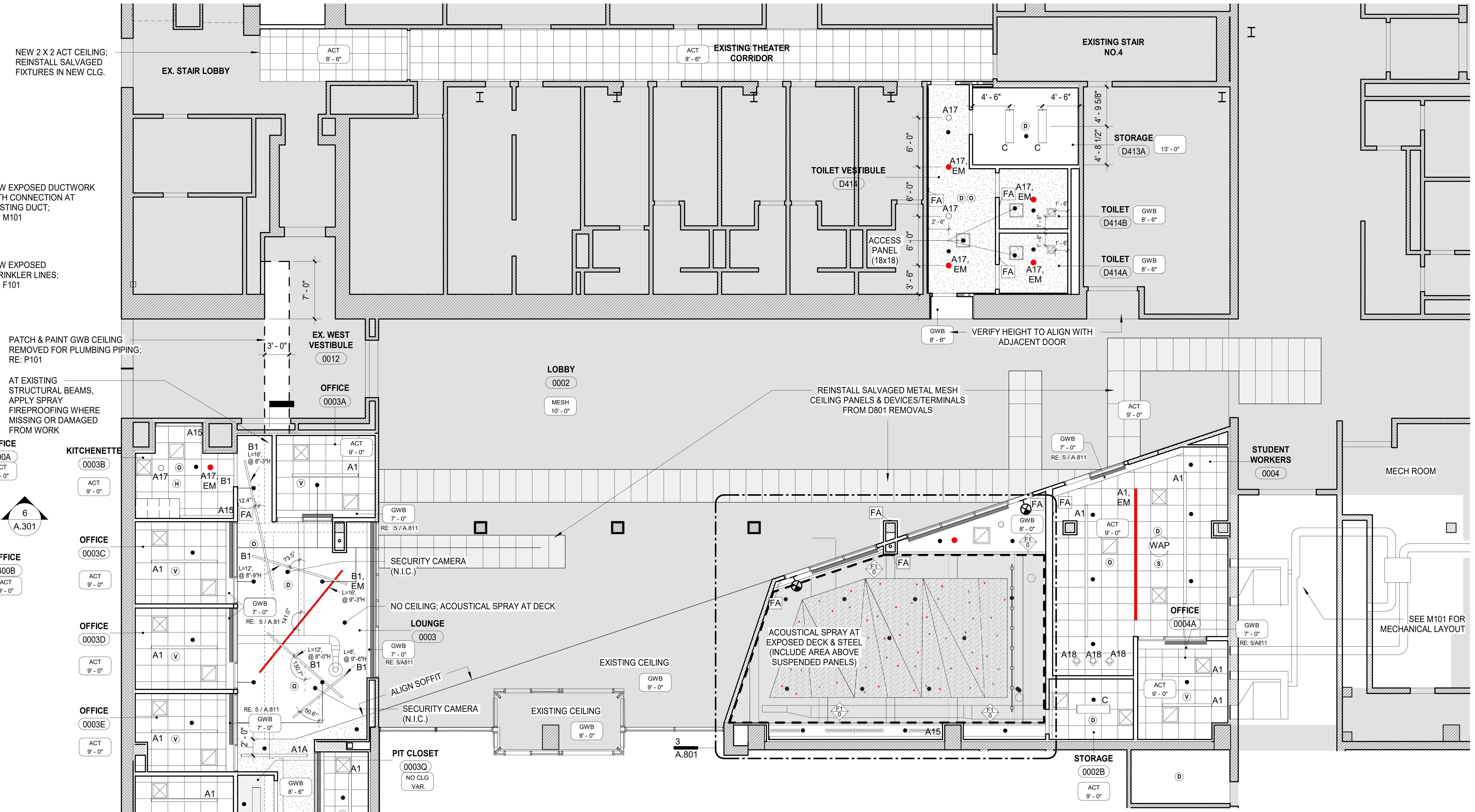
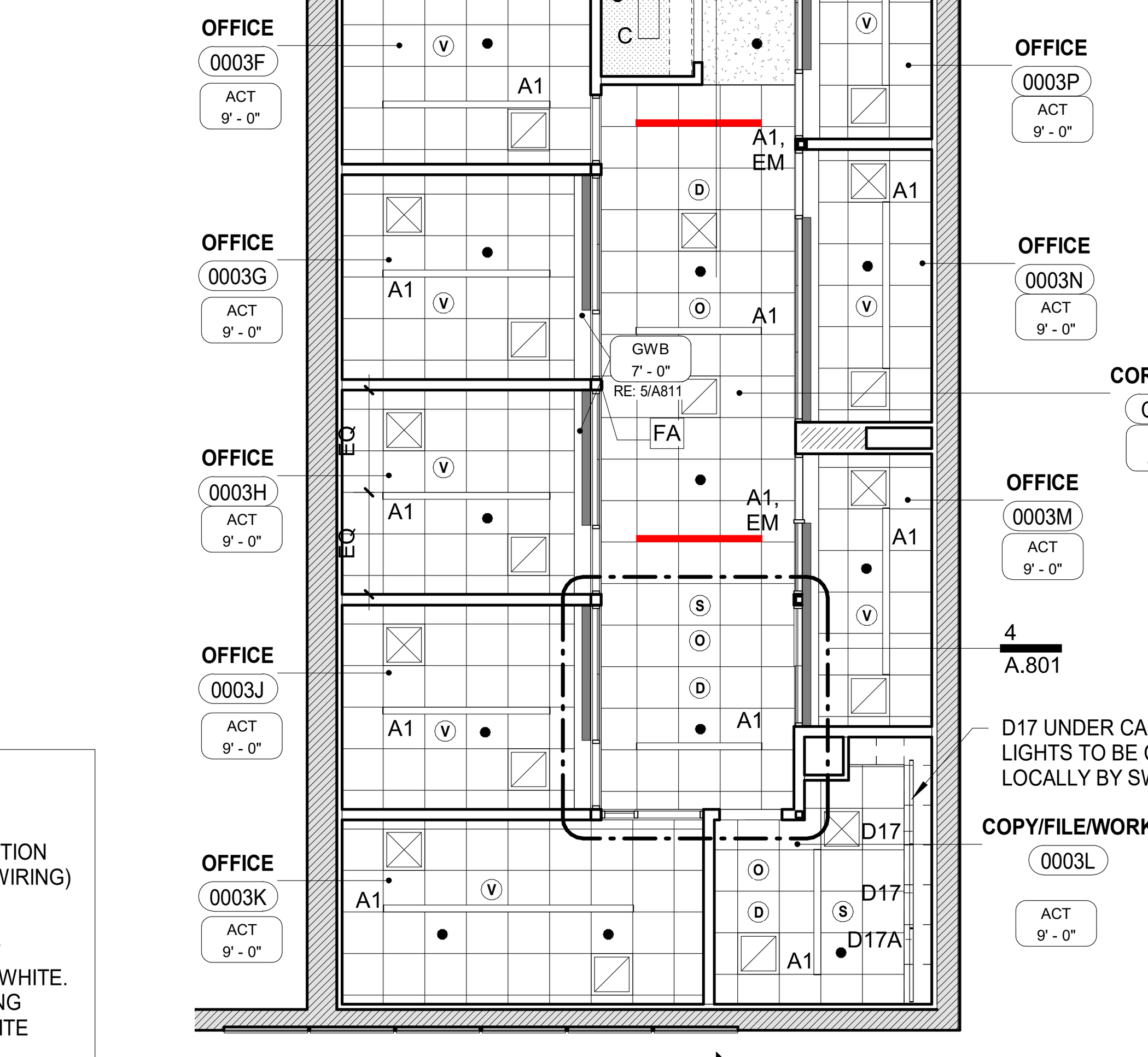
SCALE:
As indicated

DATE:
12 JUNE 2023

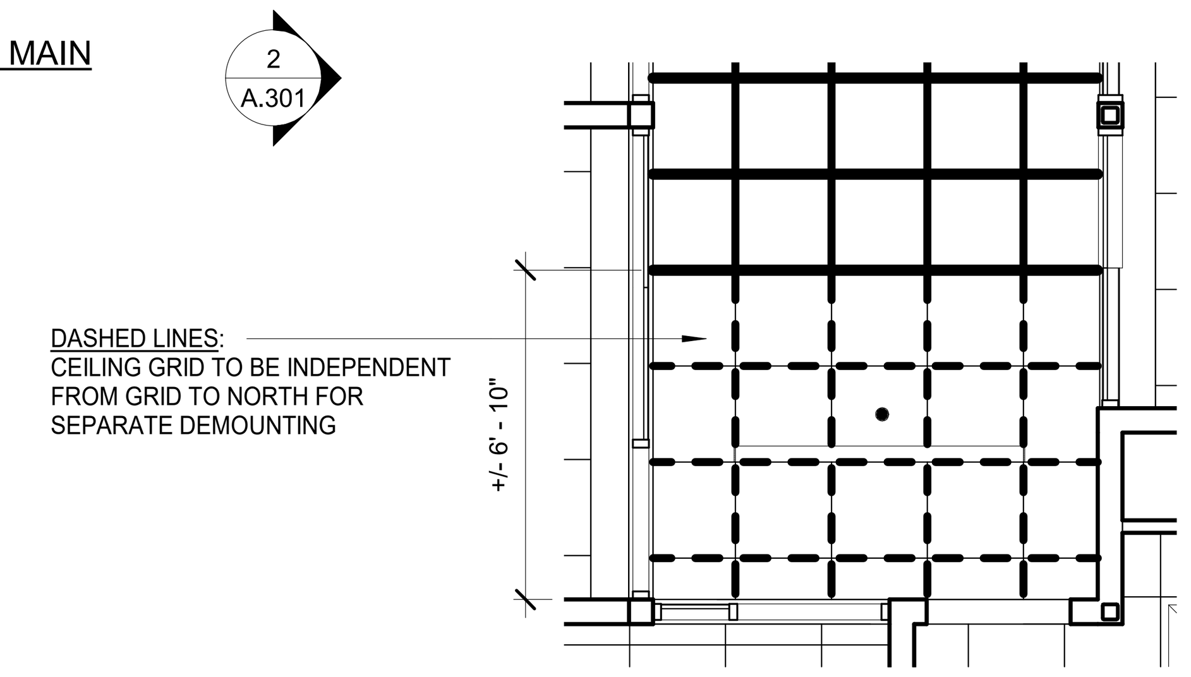
DRAWING NO.:
A.605



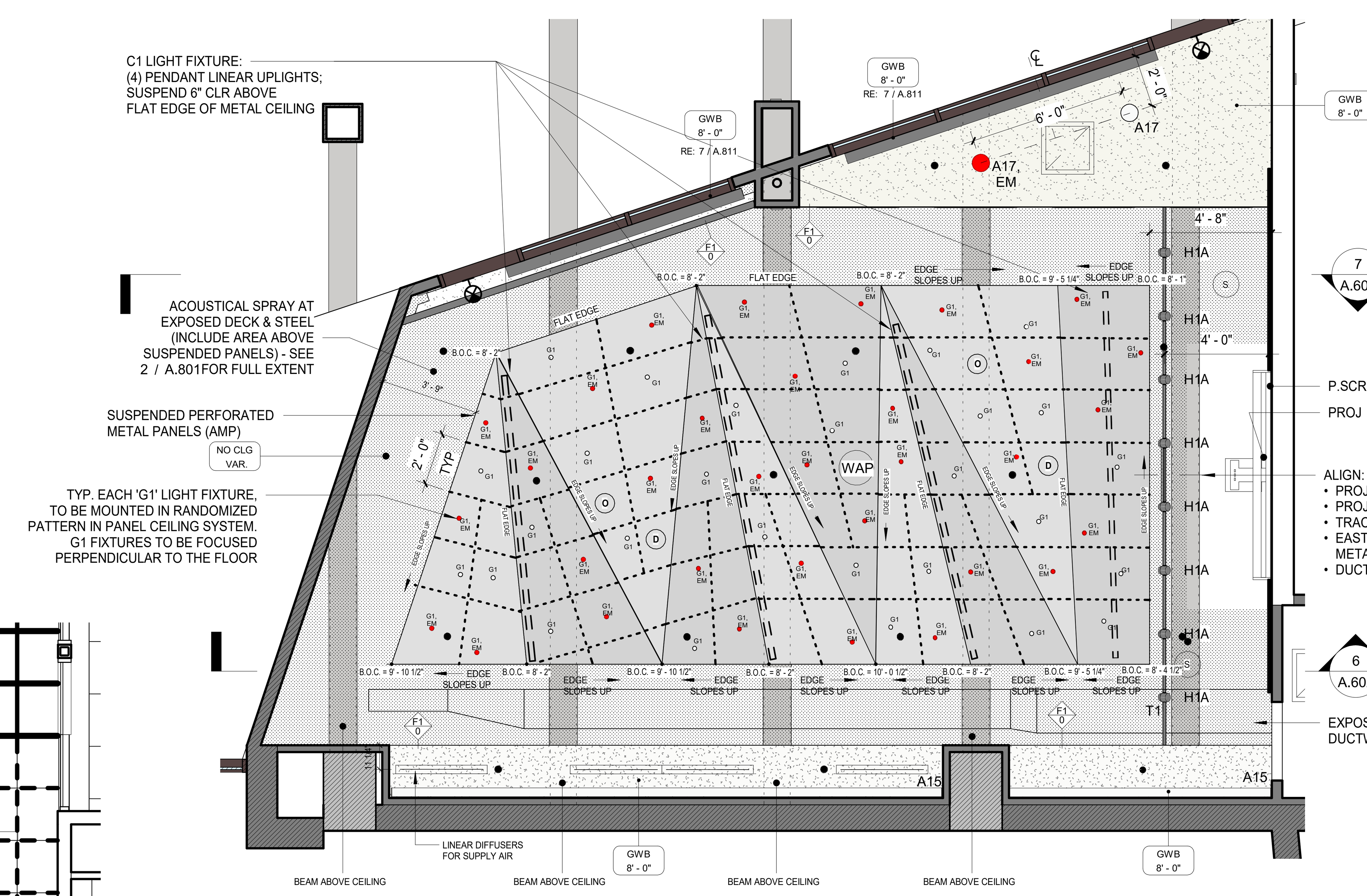
1 PROPOSED RCP - GALLERY
1/8" = 1'-0"

2 PROPOSED RCP - MAIN
1/8" = 1'-0"



4 ENLARGED RCP - WEST OFFICE CORRIDOR
1/4" = 1'-0"



NOTE: REFER TO SHEET F.101 FOR SPECIFIC LOCATIONS OF UPRIGHT AND RECESSED SPRINKLER TYPES

3 RCP AT PRESENTATION ROOM
1/4" = 1'-0"

LEGEND

- GWB
- ACOUSTIC SPRAY
- ACT
- EXPOSED CEILING
- EXIT SIGNAGE
- SPRINKLER HEAD
  - RECESSED IN CEILING
  - EXPOSED WHERE NO CEILING
  - EXPOSED ABOVE CEILING
- MATERIAL / HEIGHT (AFF) — CEILING TAG

EQUIPMENT:

D	=	SMOKE DETECTOR
H	=	HEAT DETECTOR
O	=	OCCUPANCY SENSOR
P.SCR	=	PROJECTOR SCREEN
PROJ	=	PROJECTOR
S	=	SPEAKER
V	=	VACANCY SENSOR
WAP	=	WIRELESS ACCESS POINT
FA	=	FIRE ALARM DEVICE

REFER TO 'TA' DWG SHEETS FOR FURTHER INFORMATION ON AUDIOVISUAL EQUIPMENT

GENERAL NOTES:

1. REFER TO MEPF DRAWINGS FOR FURTHER COORDINATION (I.E. DIFFUSERS, DUCTWORK, DEVICES, SPRINKLERS, WIRING)
2. REFER TO DEMO DRAWINGS FOR EXISTING CEILING COMPONENTS TO REMAIN.
3. ALL EXPOSED CONDUIT, PIPING & TERMINATIONS (NOT ENCLOSED IN CEILING) ARE TO BE PRIMED & PAINTED WHITE.
4. ALL EXPOSED STEEL TO RECEIVE SPRAY FIREPROOFING WHERE LACKING/DAMAGED, AND ARE TO RECEIVE WHITE PAINT FINISH.
5. FOR ALIGNMENTS WITH EXISTING CEILINGS, VERIFY HEIGHT & DATUMS IN FIELD.
6. REFER TO MEPF DRAWING FOR MOTORIZED SHADE OUTLET LOCATIONS & CIRCUITS.

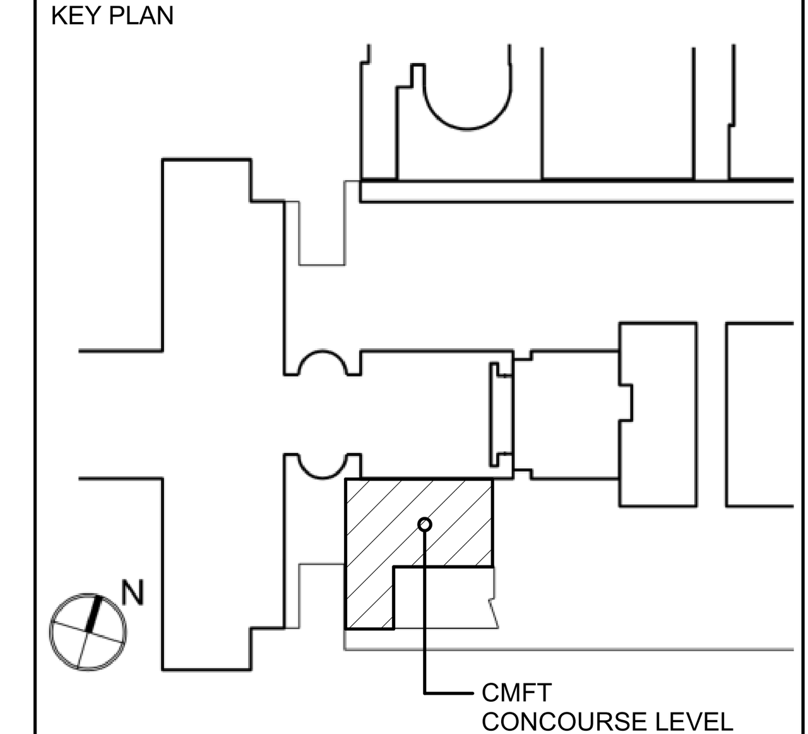
LIGHT FIXTURES:

A1	= RECESSED LINEAR (LENGTHS VARY)
A2	= RECESSED LINEAR
A15	= RECESSED LINEAR
A17	= RECESSED CAN
A18	= RECESSED DIRECTIONAL LIGHT
B1	= SUSPENDED LINEAR (LENGTHS VARY)
B2	= SUSPENDED LINEAR (LENGTHS VARY)
B17	= SUSPENDED CAN
C	= RECESSED 1X4
D17	= UNDERCABINET (COORDINATE WITH CASEWORK)
C1	= SUSPENDED LINEAR UPLIGHT
G1	= RECESSED CAN
H1A	= DIRECTIONAL LIGHT (ON TRACK T1)
T1	= TRACK (WITH H1A FIXTURES)
EM	= FIXTURE ON EMERGENCY BACKUP POWER (INDICATED IN RED)

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

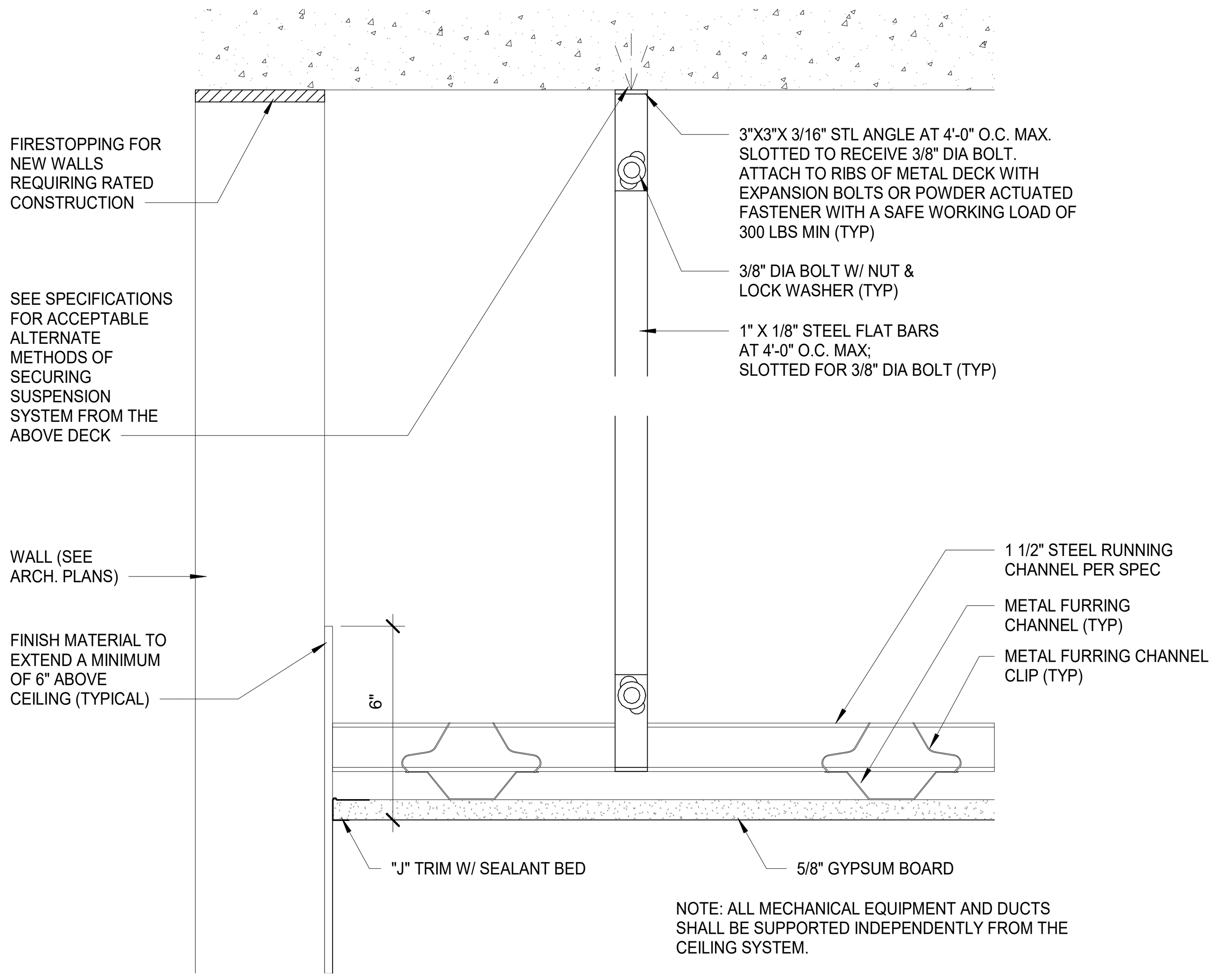
DRAWING TITLE:
PROPOSED RCPS

SCALE: As indicated

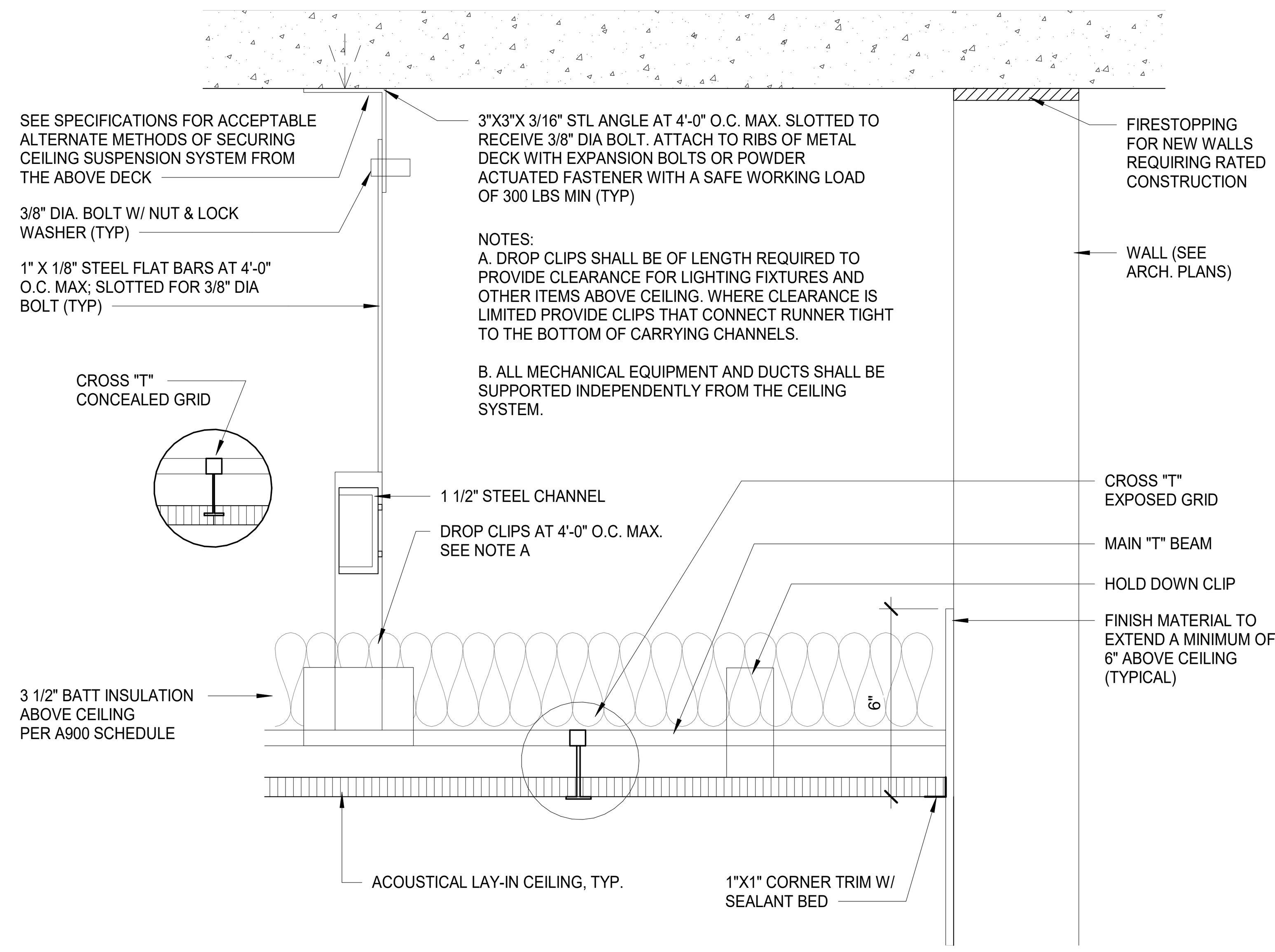
DATE: 12 JUNE 2023

DRAWING NO.:
A.801

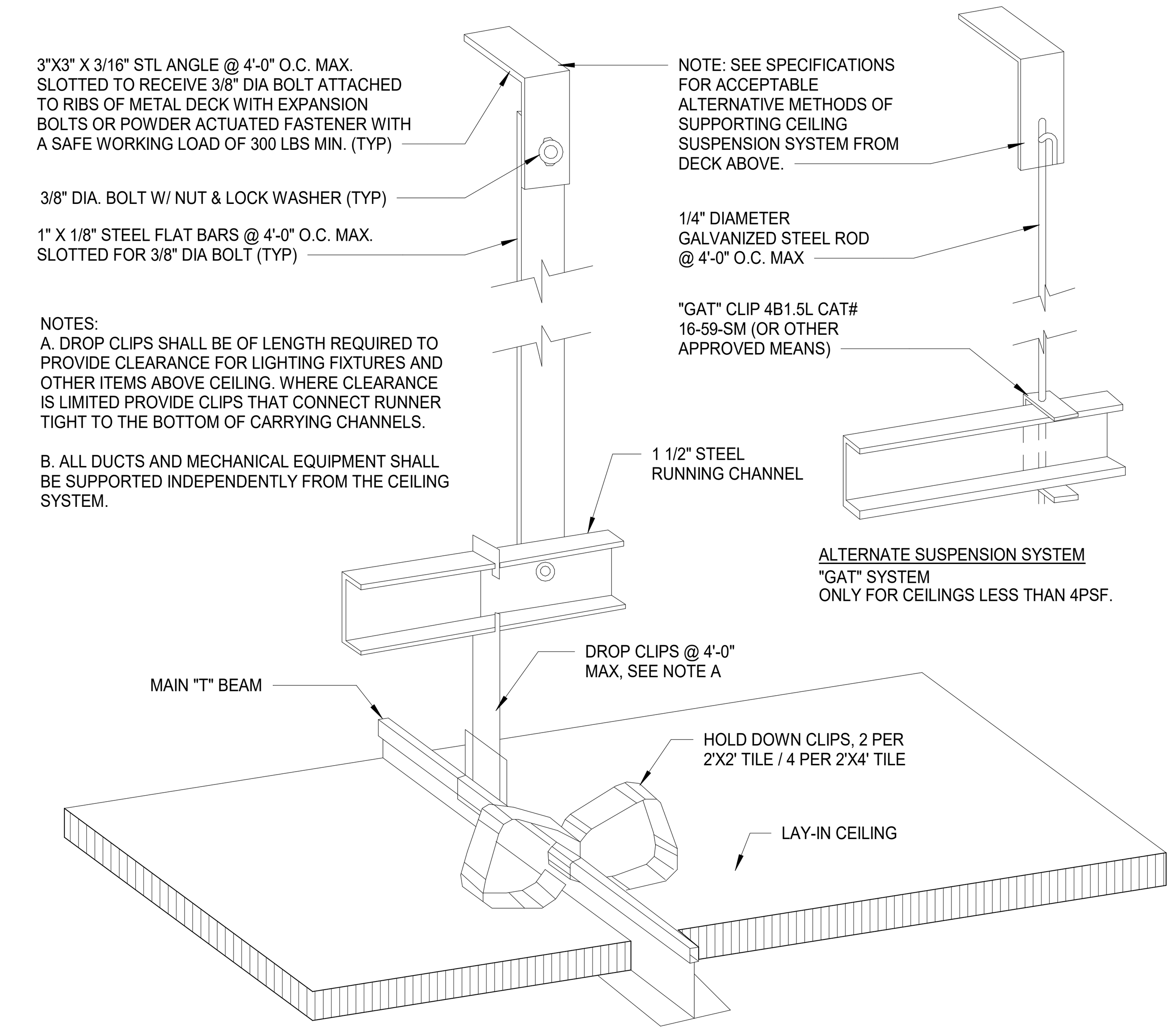
REGISTERED ARCHITECT · MICHAEL THOMAS · 034456 · STATE OF NEW YORK



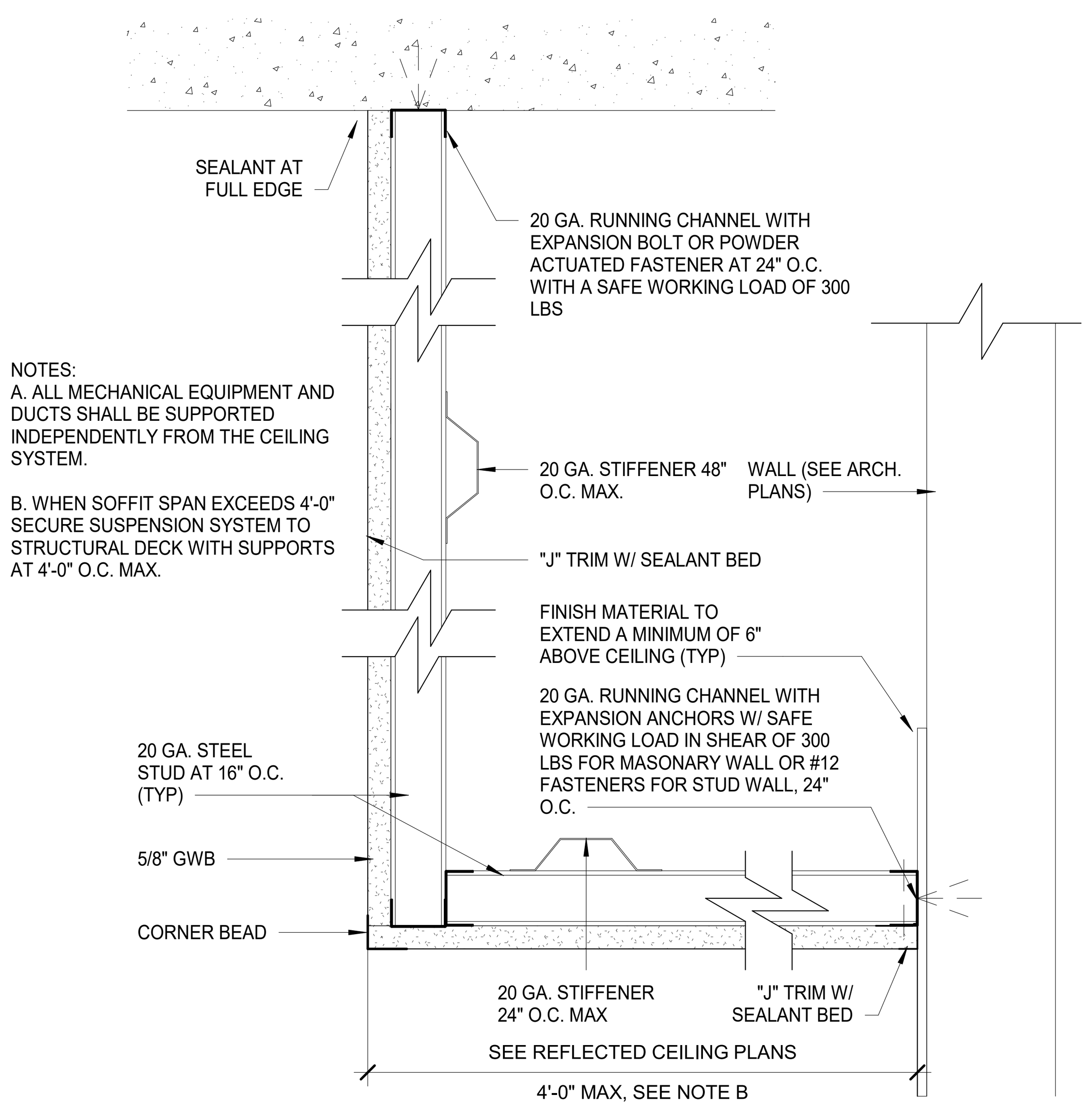
1 GYPSUM BOARD SUSPENDED CEILING
3" = 1'-0"



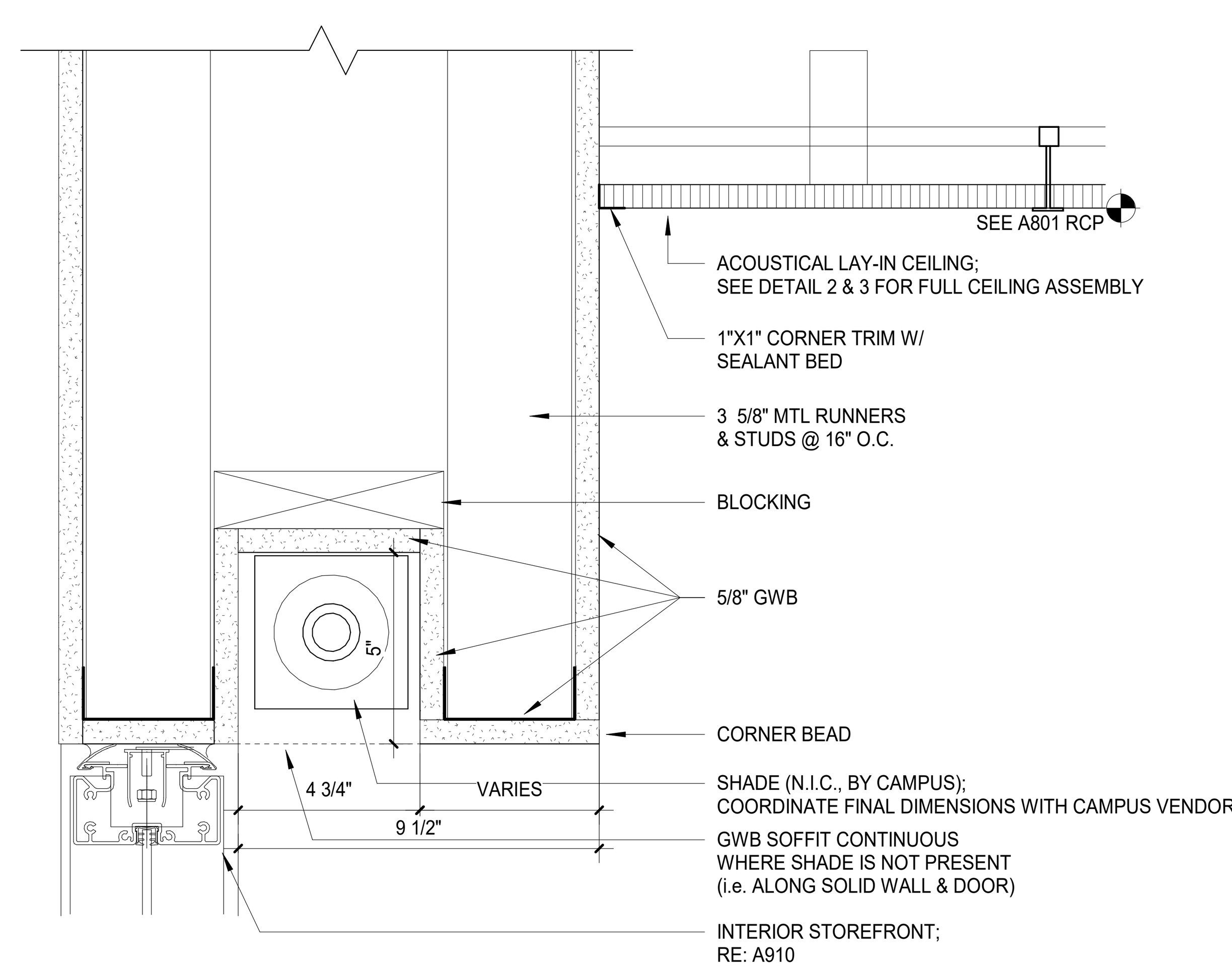
2 ACOUSTICAL LAY-IN TILE SUSPENDED CEILING
3" = 1'-0"



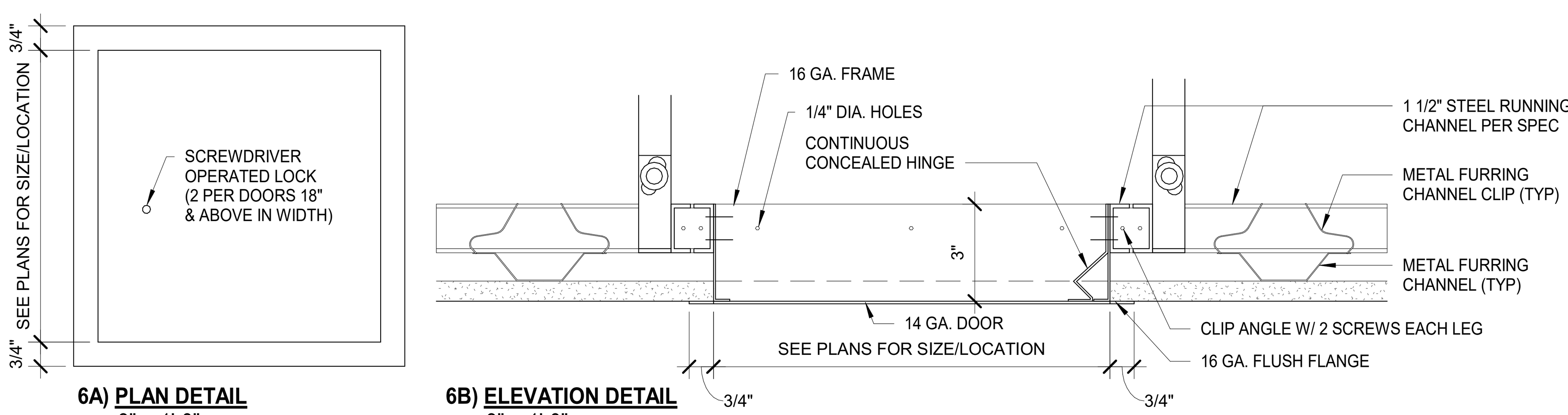
3 ACOUSTICAL LAY-IN TILE SUSPENDED CEILING AXONOMETRIC EXPOSED CEILING
3" = 1'-0"



4 SOFFIT DETAIL AT GYPSUM BOARD CEILING
3" = 1'-0"



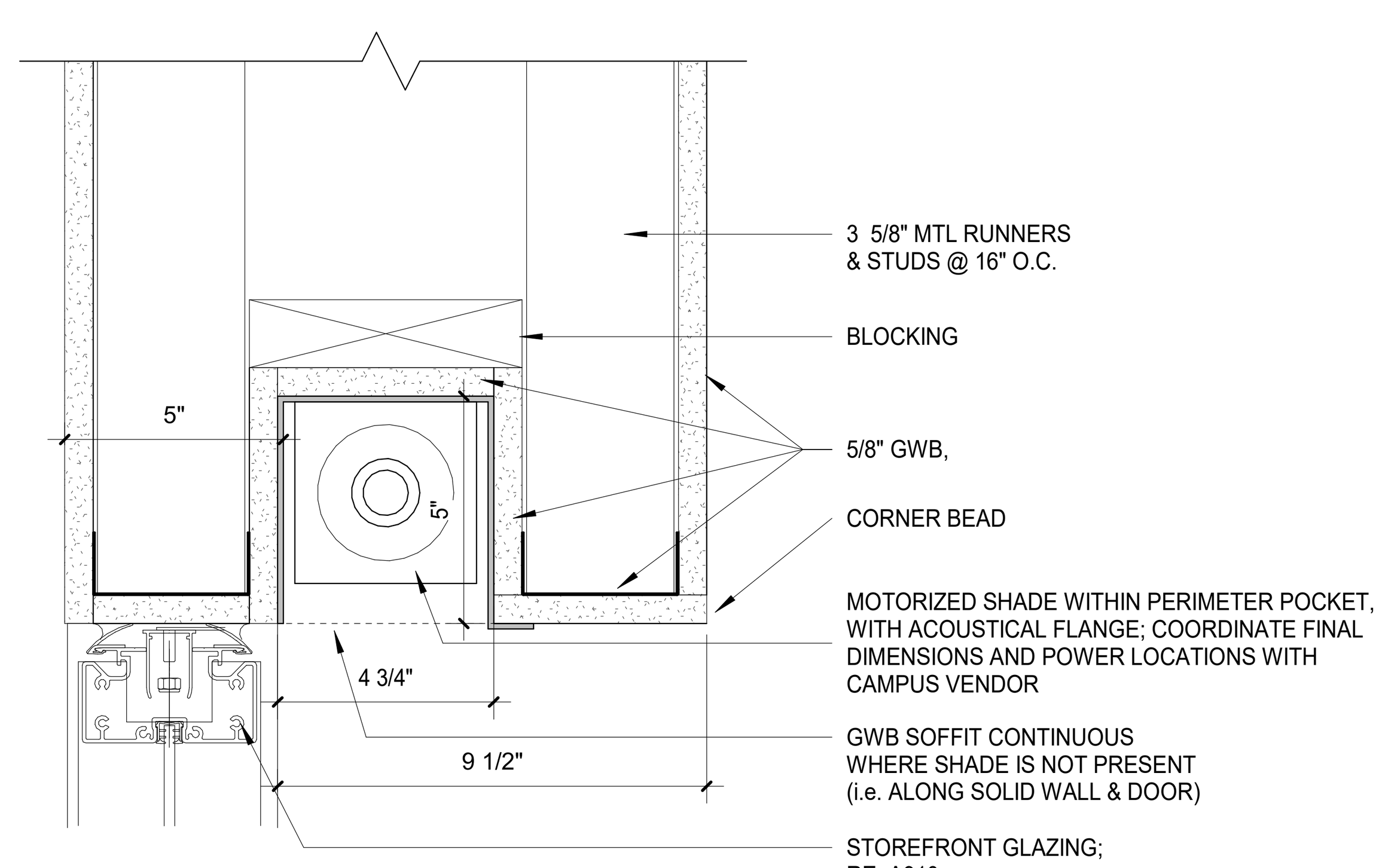
5 POCKET DETAIL FOR FUTURE SHADE - TYPICAL
3" = 1'-0"



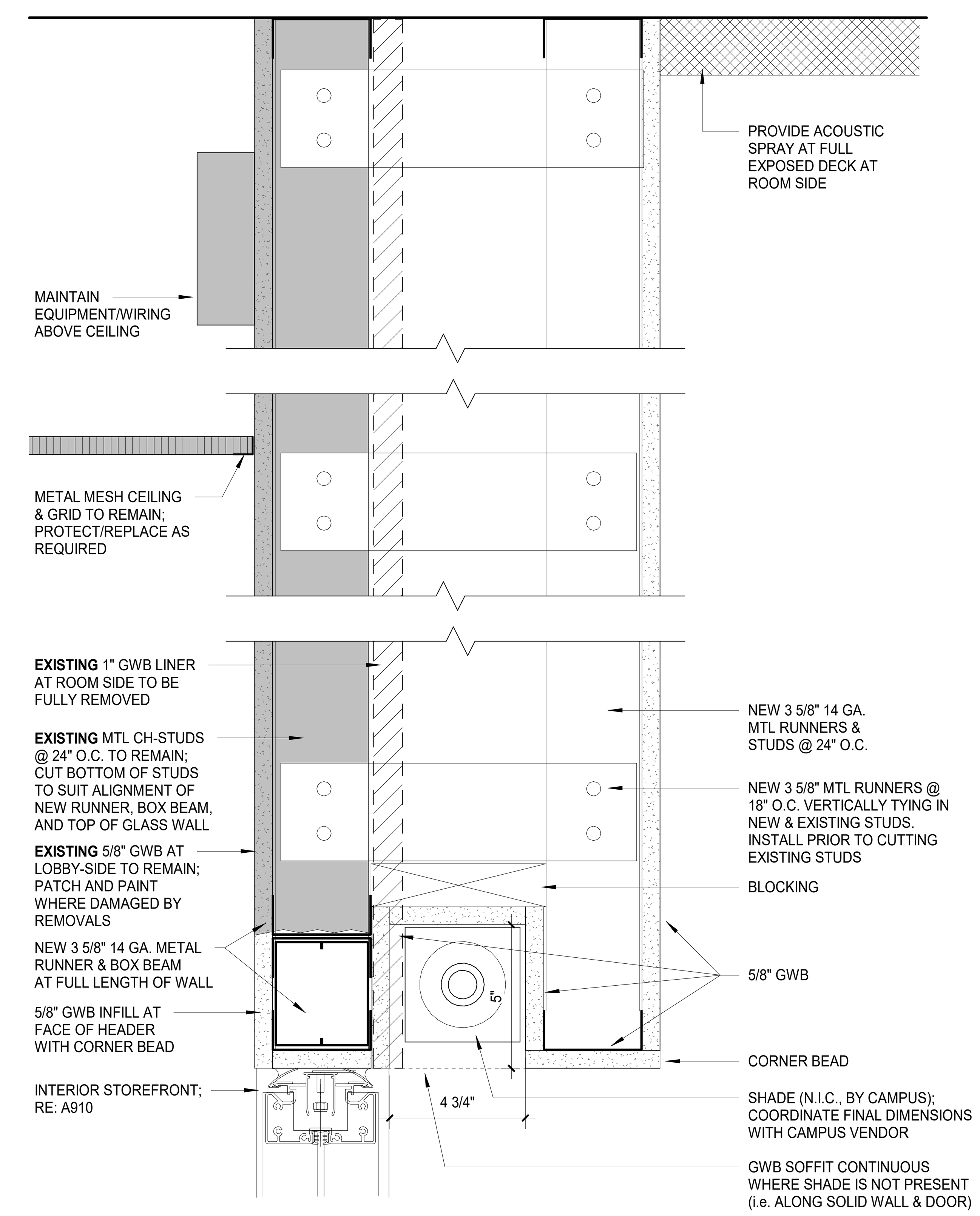
6A) PLAN DETAIL
3" = 1'-0"

6B) ELEVATION DETAIL
3" = 1'-0"

6 ACCESS PANEL DETAILS
3" = 1'-0"



7 POCKET DETAIL FOR SHADE (ORIENTATION ROOM)
3" = 1'-0"



8 POCKET DETAIL FOR FUTURE SHADE - LOUNGE
3" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN

CMFT CONCOURSE LEVEL

PROJECT TEAM:

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1906
SUNY Purchase College
Purchase, NY 10577

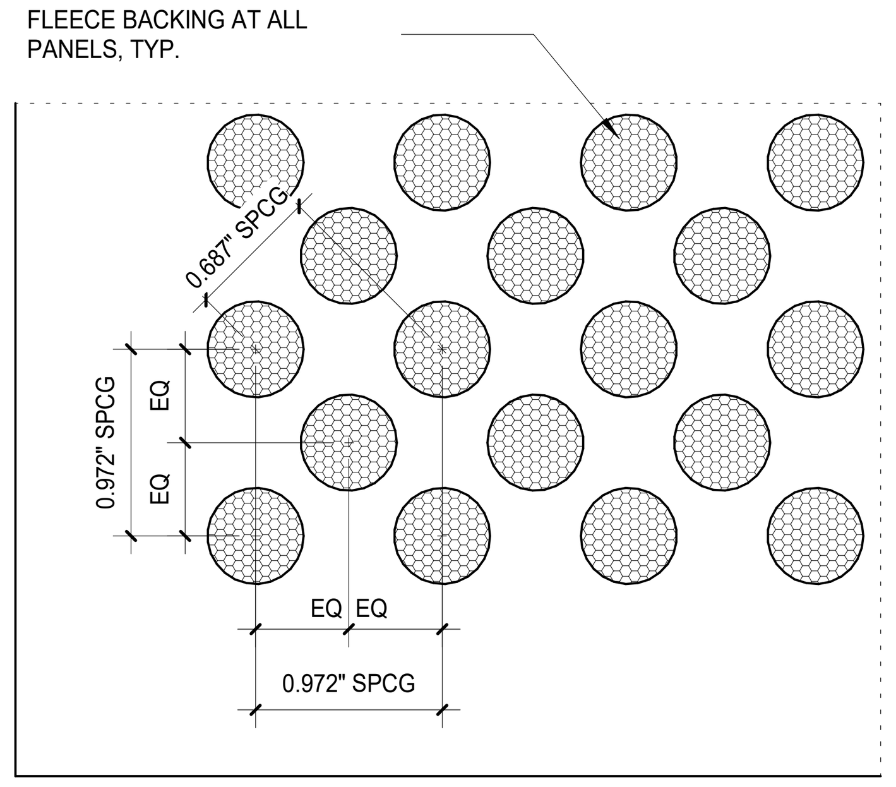
DRAWING TITLE:
CEILING DETAILS

SCALE:
3" = 1'-0"

DATE:
12 JUNE 2023

DRAWING NO.:
A.811

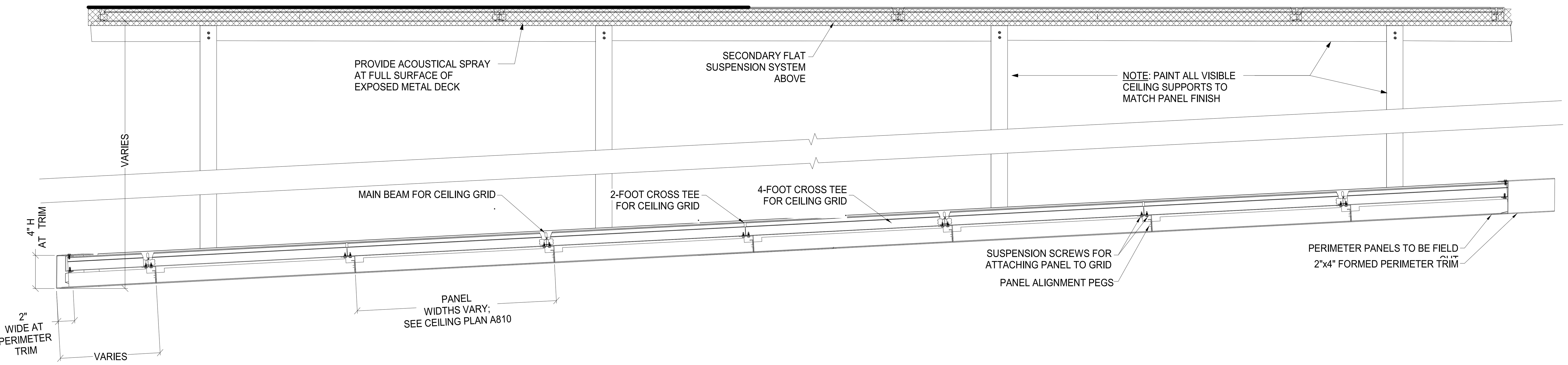
REGISTERED ARCHITECT · STATE OF NEW YORK



HOLE SIZE: 1/2" DIAMETER

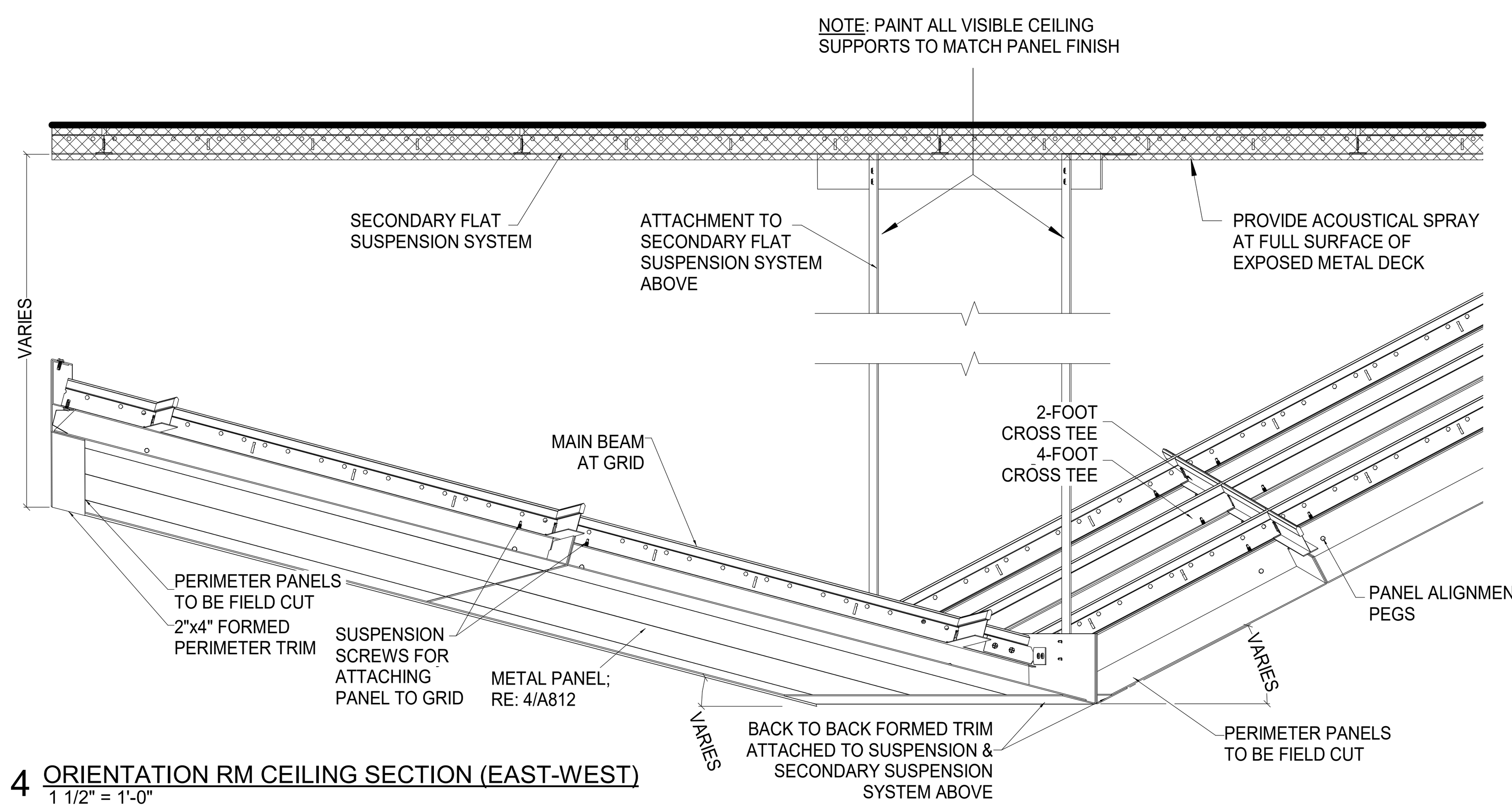
OPEN AREA: 42%

2 ORIENTATION RM CEILING PANEL
12" = 1'-0"

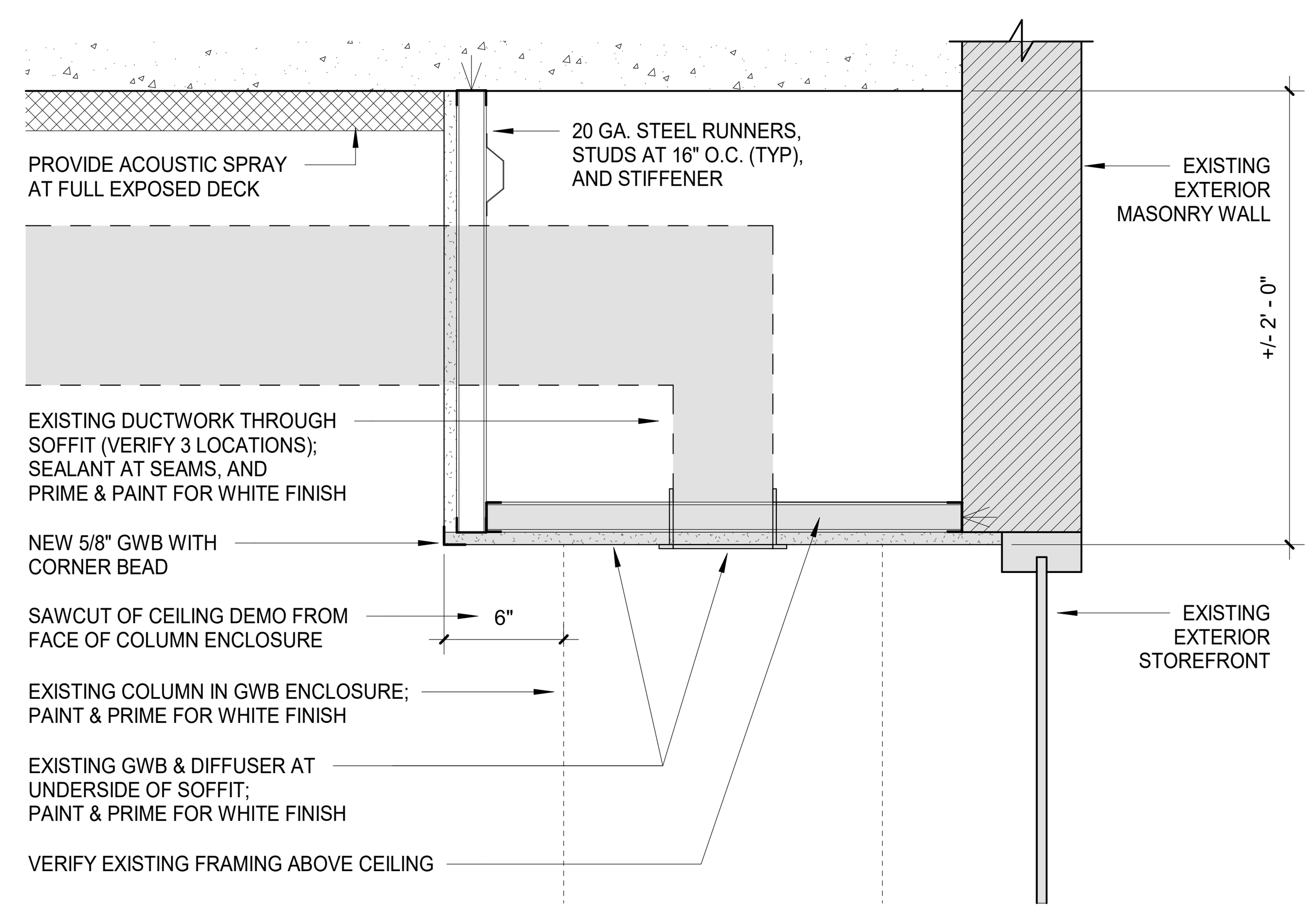


3 ORIENTATION RM CEILING SECTION (NORTH-SOUTH)
1 1/2" = 1'-0"

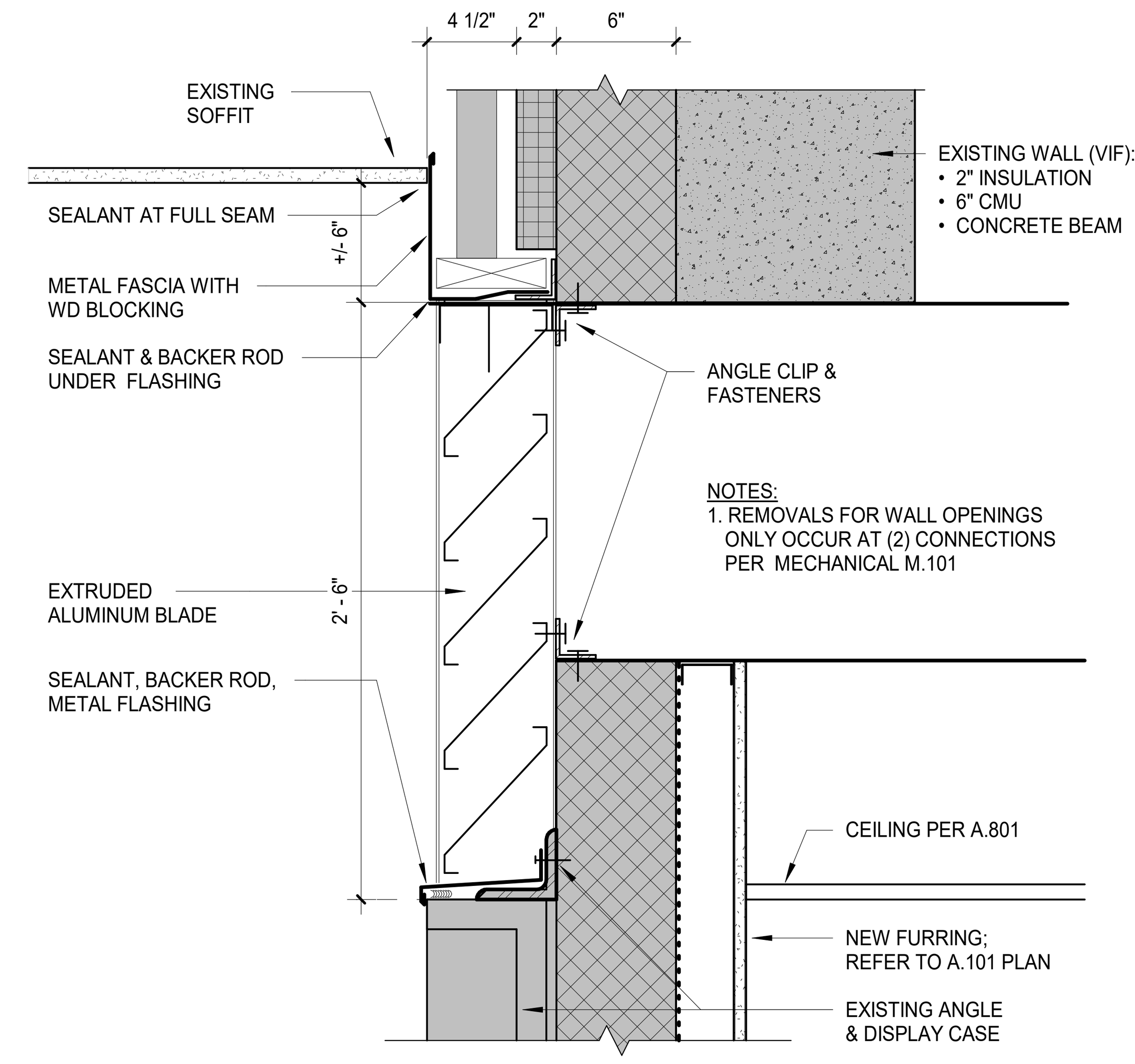
1 ORIENTATION RM CEILING - GRID PLAN
1" = 1'-0"



4 ORIENTATION RM CEILING SECTION (EAST-WEST)
1 1/2" = 1'-0"



5 SOFFIT DETAIL AT GALLERY
1 1/2" = 1'-0"



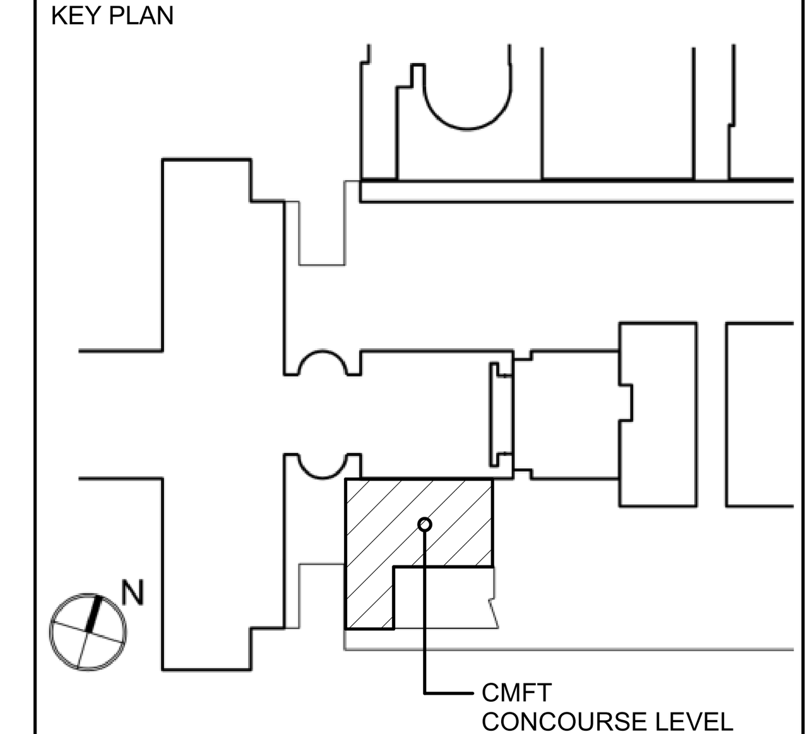
6 EXTERIOR LOUVER ABOVE DISPLAY WALL
1 1/2" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

CEILING DETAILS

SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
A.812

FINISH SCHEDULE - CMFT BUILDING										
ROOM NUM.	ROOM NAME	FLOOR AREA	FLOOR FINISH	WALL BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING FINISH	REMARKS
CONCOURSE										
0002A	PRESENTATION	855 SF	CPT-2	RB-1	GWB/PT, GLZ	GWB/PT-1	PT-1/ACOUST PNLS	GWB/PT-1	GWB, AMP, ACOUST. SPRAY	SEE A602 FOR SOUTH WALL ACOUSTIC PANELS, SEE A801 FOR RCP
0002B	STORAGE	76 SF	VCT	RB-2	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	ACT-1	
0003	LOUNGE	278 SF	CPT-2	RB-1	GWB/PT-4	GWB/PT-1, GLZ	GWB/PT-1	GWB/PT-1, GLZ	EXP/ACOUST SPRAY	SEE NOTE 5
0003A	OFFICE	120 SF	CPT-1	RB-1	GWB/PT-3	GWB/PT-1	GWB/PT-1, GLZ	GWB/PT-1	GWB, ACT-1 (SEE NOTE 4)	
0003B	KITCHENETTE	118 SF	VCT	RB-2	GWB/PT-4	GWB/PT-1	GWB/PT-1	GWB/PT-4	ACT-1	
0003C	OFFICE	120 SF	CPT-1	RB-1	GWB/PT-3	GWB/PT-1, GLZ	GWB/PT-1	GWB/PT-1	GWB, ACT-1 (SEE NOTE 4)	
0003D	OFFICE	118 SF	CPT-1	RB-1	GWB/PT-3	GWB/PT-1, GLZ	GWB/PT-1	GWB/PT-1	GWB, ACT-1 (SEE NOTE 4)	
0003E	OFFICE	109 SF	CPT-1	RB-1	GWB/PT-3	GWB/PT-1, GLZ	GWB/PT-1	GWB/PT-1	GWB, ACT-1 (SEE NOTE 4)	
0003F	OFFICE	137 SF	CPT-1	RB-1	GWB/PT-3	GWB/PT-1, GLZ	GWB/PT-1	GWB/PT-1	ACT-1 (SEE NOTE 4)	
0003G	OFFICE	118 SF	CPT-1	RB-1	GWB/PT-3	GWB/PT-1, GLZ	GWB/PT-1	GWB/PT-1	GWB, ACT-1 (SEE NOTE 4)	
0003H	OFFICE	118 SF	CPT-1	RB-1	GWB/PT-3	GWB/PT-1, GLZ	GWB/PT-1	GWB/PT-1	GWB, ACT-1 (SEE NOTE 4)	
0003J	OFFICE	118 SF	CPT-1	RB-1	GWB/PT-3	GWB/PT-1, GLZ	GWB/PT-1	GWB/PT-1	GWB, ACT-1 (SEE NOTE 4)	
0003K	OFFICE	154 SF	CPT-1	RB-1	GWB/PT-1, GLZ	GWB/PT-1	GWB/PT-3	GWB/PT-1	ACT-1 (SEE NOTE 4)	
0003L	COPY/FILE/WORK	113 SF	VCT	RB-2	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	ACT-1	
0003M	OFFICE	84 SF	CPT-1	RB-1	GWB/PT-1	GWB/PT-3	GWB/PT-1	GWB/PT-1, GLZ	GWB, ACT-1 (SEE NOTE 4)	
0003N	OFFICE	84 SF	CPT-1	RB-1	GWB/PT-1	GWB/PT-3	GWB/PT-1	GWB/PT-1, GLZ	GWB, ACT-1 (SEE NOTE 4)	
0003P	OFFICE	84 SF	CPT-1	RB-1	GWB/PT-1	GWB/PT-3	GWB/PT-1	GWB/PT-1, GLZ	GWB, ACT-1 (SEE NOTE 4)	
0003Q	PIT CLOSET	33 SF	SC	RB-2	GWB/PT	GWB/PT	GWB/PT-1	GWB/PT-1	EXP/PT	
0003R	RECEPTION	35 SF	CPT-2	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-4	GWB/PT-1	GWB/PT-1	
0004	STUDENT WORKERS	493 SF	CPT-1	RB-1	GWB/PT-1, GLZ	GWB/PT-3	GWB/PT-1	GWB/PT-1	GWB, ACT-1 (SEE NOTE 4)	
0004A	OFFICE	128 SF	CPT-1	RB-1	GWB/PT-1	GWB/PT-3	GWB/PT-3	GWB/PT-1	GWB, ACT-1 (SEE NOTE 4)	
400	GALLERY LOBBY	1,412 SF	CPT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	EXP/ACOUST SPRAY	NON-RECESSED WALKOFF MAT AT ENTRY DOORS PER 3/A901
400A	OFFICE	112 SF	CPT-1	RB-1	GWB/PT-3	GWB/PT-3	GWB/PT-3	GWB/PT-1, GLZ	GWB, ACT-1 (SEE NOTE 4)	
400B	OFFICE	112 SF	CPT-1	RB-1	GWB/PT-3	GWB/PT-3	GWB/PT-3	GWB/PT-1, GLZ	GWB, ACT-1 (SEE NOTE 4)	
400H	STORAGE	85 SF	VCT	RB-2	GWB/PT-1	PT-1	PT-1	PT-1	EXP/ACOUST SPRAY	EXISTING WALLS AND CEILING TO REMAIN
C003	CORRIDOR	571 SF	CPT-1	RB-1	-	GWB/PT-1, GLZ	GWB/PT-1, GLZ	GWB/PT-1, GLZ	ACT-1 (SEE NOTE 4)	
D413A	STORAGE	121 SF	VCT	RB-2	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	ACT-1	
D414	TOILET VESTIBULE	175 SF	VCT	RB-2	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
D414A	TOILET	61 SF	CT	CT	CT	CT	CT	CT	GWB/PT-1	
D414B	TOILET	61 SF	CT	CT	CT	CT	CT	CT	GWB/PT-1	

NOTES

1. WHERE FINISH 'VARIES', REFER TO A600 SERIES FOR INTERIOR ELEVATIONS, AND/OR A800 SERIES FOR REFLECTED CEILING PLANS.
2. FOR CARPET (CPT), REFER TO A900 FINISH PLANS FOR TYPES.
3. FOR PAINT (PT), REFER TO A600 SERIES FOR TYPES. PT-1 SHALL BE USED THROUGHOUT WALLS & SOFFITS UNLESS OTHERWISE NOTED.
4. PROVIDE BATT INSULATION ABOVE CEILING PER DETAIL 2/A811.
5. PROVIDE WALL BASE AT EXISTING COLUMNS, TYP..

FINISH KEY

- CPT = CARPET
- CT = CERAMIC TILE (RECTANGULAR)
- VCT = VINYL COMPOSITION TILE
- SC = SEALED CONCRETE AT SLAB

FINISH ABBREVIATIONS

FLOOR:
CPT = CARPET
CT = CERAMIC TILE
VCT = VINYL COMPOSITION TILE
SC = SEALED CONCRETE AT SLAB

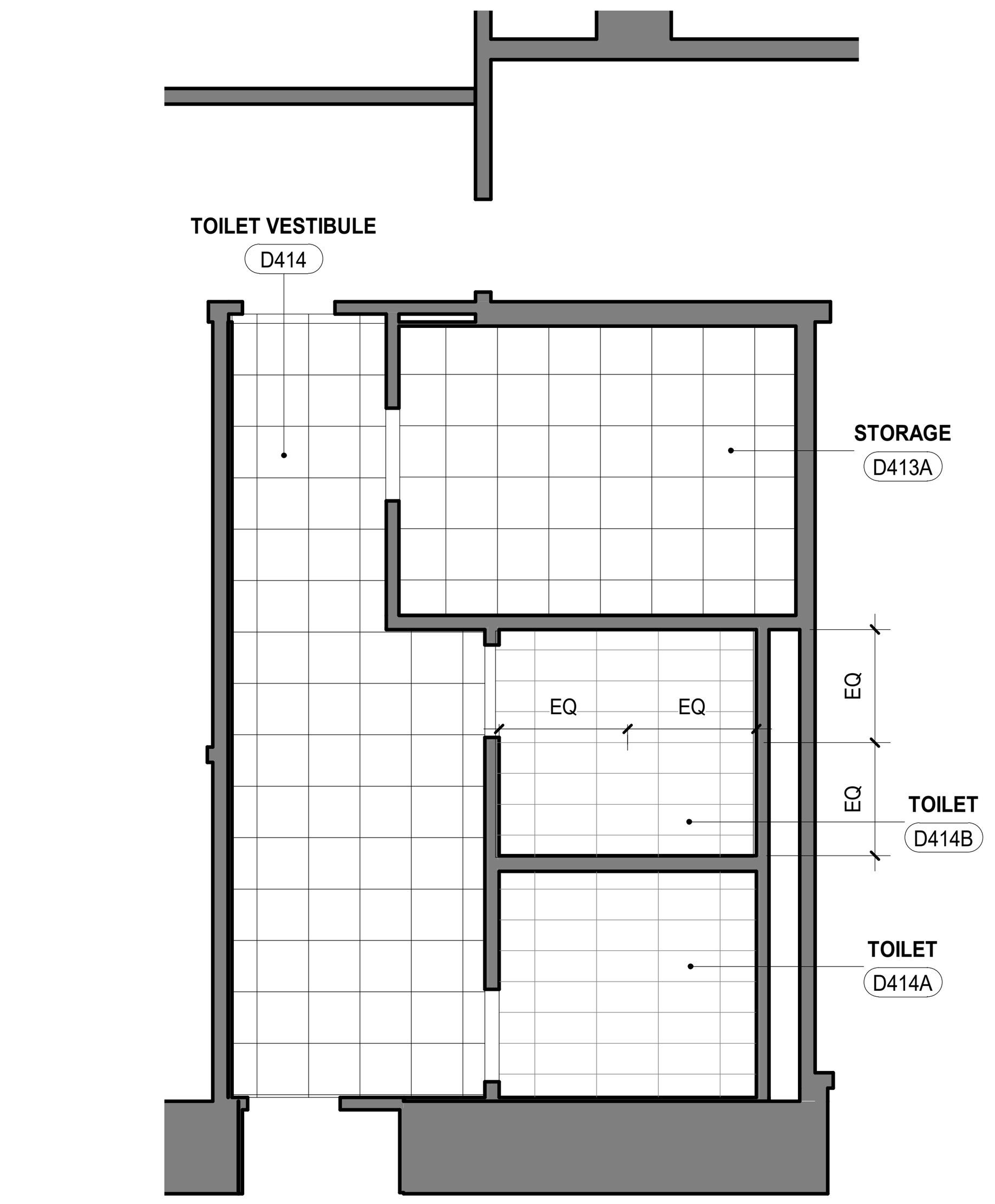
BASE:
CT = CERAMIC TILE
RB = RUBBER

WALL:
CT = CERAMIC TILE
GWB/PT = GYP BOARD WITH PAINT
GLZ = GLASS; REFER TO SHEET A911

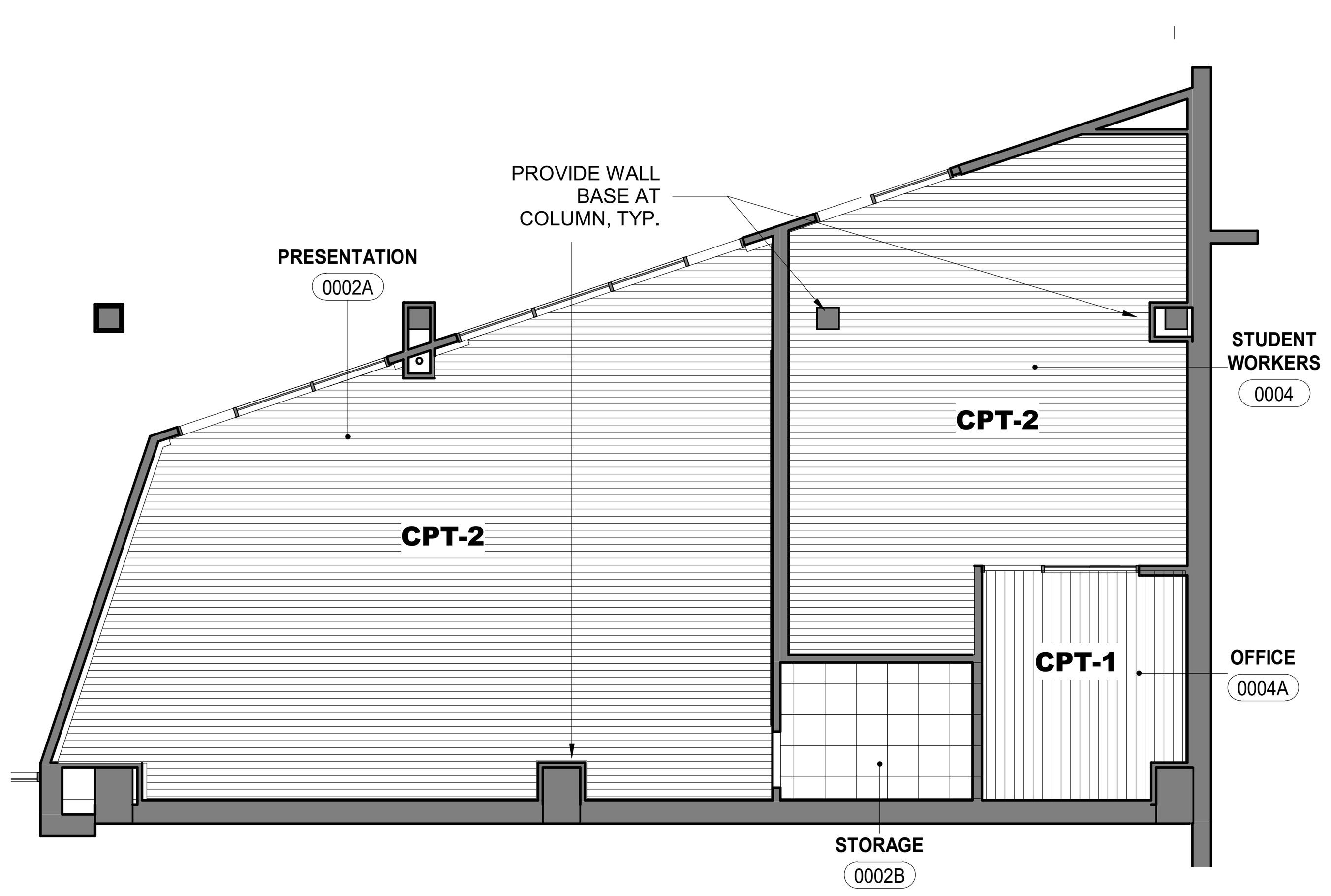
CEILING:
ACT-1 = ACOUSTIC CEILING TILE (2x2)
AMP = SUSPENDED PERFORATED METAL PANELS
GWB/PT = GYP BOARD WITH PAINT
EXP/ACOUST SPRAY = EXPOSED DECK/STEEL, W/ ACOUSTICAL SPRAY
EXP/PT = EXPOSED DECK/STEEL, WITH PAINT

PAINT SCHEDULE	REFER TO ELEVATIONS A601 THROUGH A604	
PT-1	BM 2143-70 SIMPLY WHITE	ALL WALLS AND CEILINGS, TYP.
PT-2	BM 314 IMPERIAL YELLOW	WEST MEETING RM/ RECEPTION 004 ACCENT WALL
PT-3	BM 2147-40 DILL PICKLE	OFFICE ACCENT WALL, TYP
PT-4	BM 329 ORCHARDS	LOUNGE, KITCHEN, COPY/FILE ACCENT WALLS
PT-5	BM 2112-60 CEMENT GRAY	ORIENTATION RM SOFFIT
PT-6	BM 2147-40 OLIVE MOSS	GALLERY OFFICE OUTER WALLS

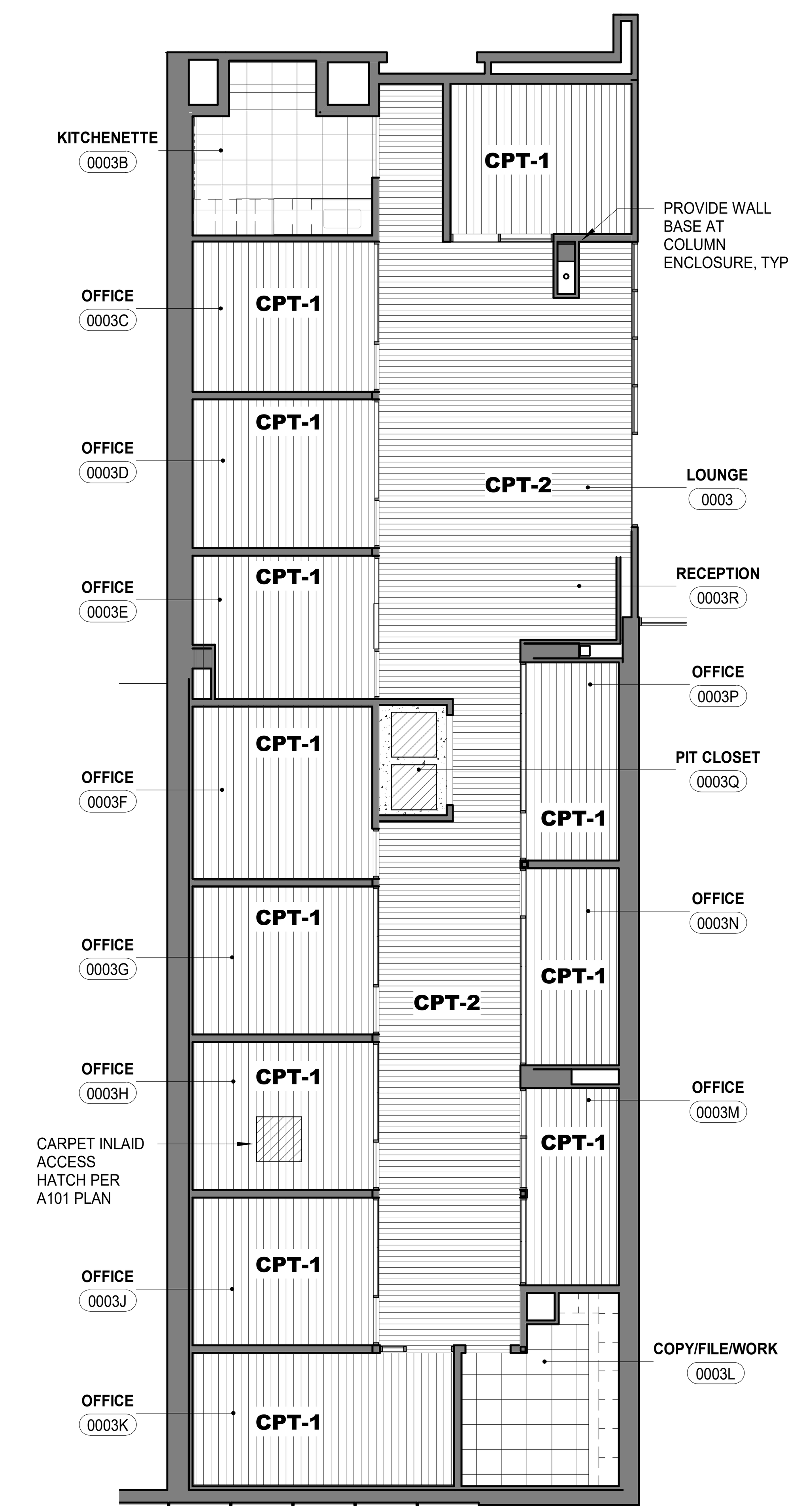
CARPET SCHEDULE	
CPT-1	INTERFACE PLANK WORLD WOVEN/ NATURAL LOOM
CPT-2	INTERFACE CHASING PAVEMENT



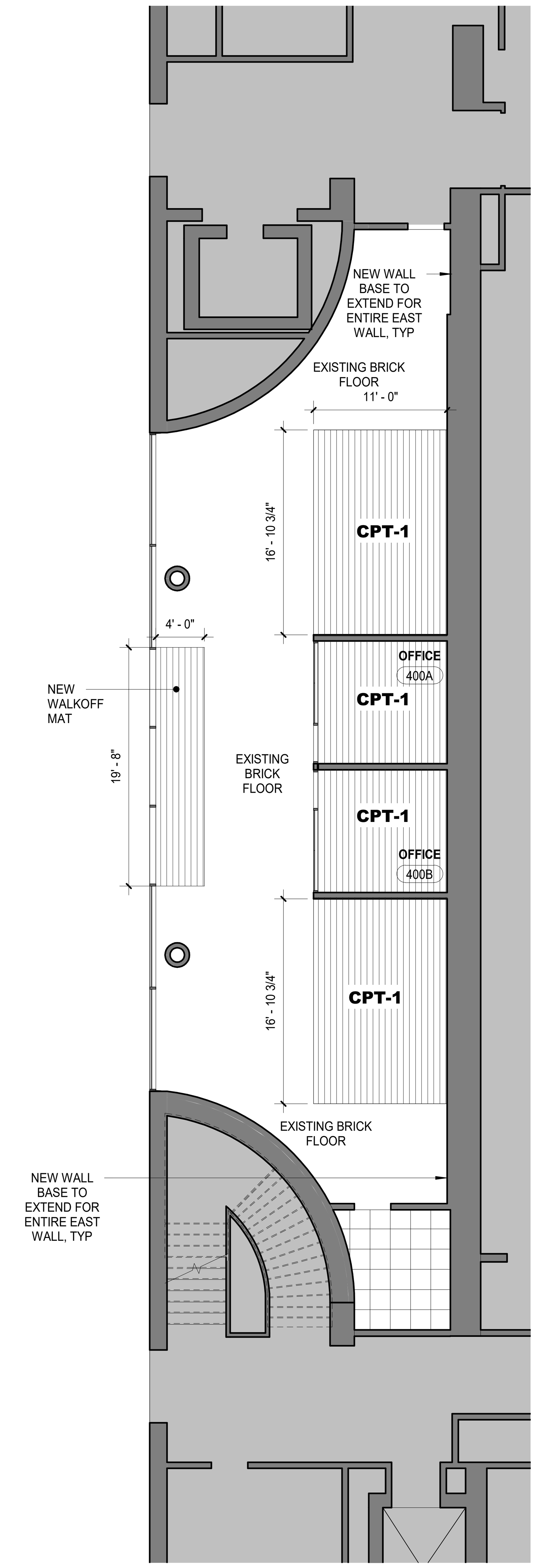
2 FINISH PLAN - TOILETS & STORAGE
3/16" = 1'-0"



1 FINISH PLAN - EAST
1/8" = 1'-0"



3 FINISH PLAN - WEST
1/8" = 1'-0"

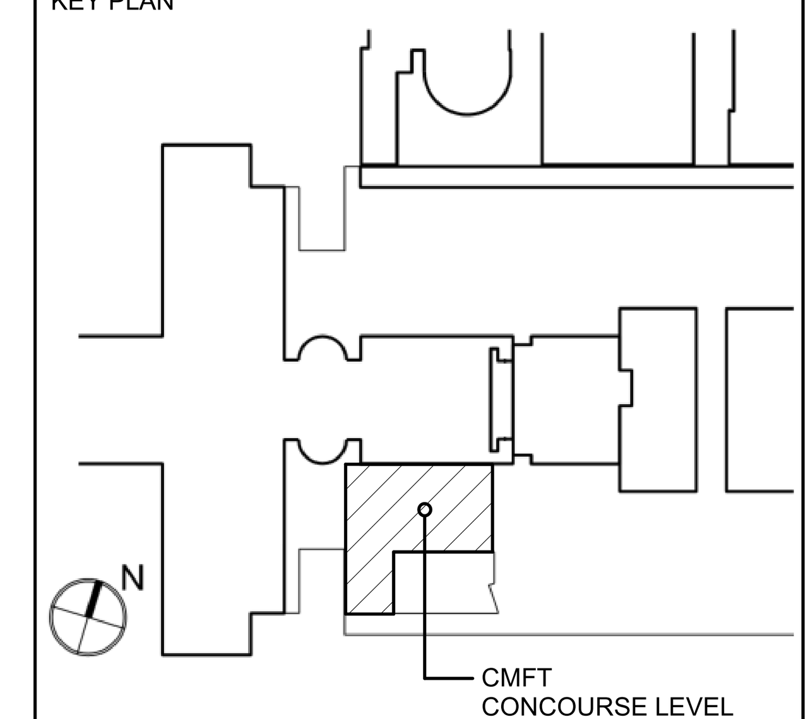


4 FINISH PLAN - GALLERY
1/8" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

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115 Broadway, 5th Floor, New York, NY 10006

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417 Fifth Avenue, New York, NY 10016

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4588 South Park Avenue, Blasdell, NY 14219

PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
FINISH SCHEDULE

SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
A.900

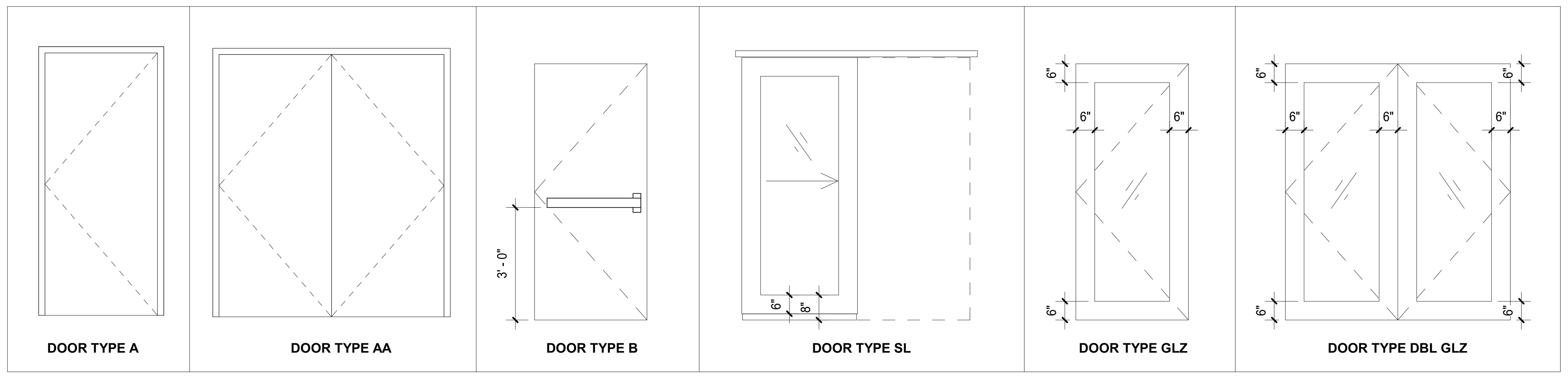
DOOR SCHEDULE - CMFT														
DOOR NO.	DOOR TYPE	DOOR MAT'L	WIDTH	HEIGHT	THICKNESS	FRAME MAT'L	HEAD	JAMB	THRESHOLD	FIRE RATING	GLAZ. TYPE	HARDWARE SET	CARD READER	NOTES
CONCOURSE														
D0002A/1	B	WD	3' - 0"	6' - 10"	0' - 2"	STL	5 & 7 /A910	1, 2, 4 /A910	6 /A910	0	--	01	YES	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0002A/2	B	WD	3' - 0"	6' - 10"	0' - 2"	STL	5 & 7 /A910	1, 2, 4 /A910	6 /A910	0	--	01	YES	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0002B	A	HM	3' - 0"	7' - 9"	0' - 2"	HM	8 /A910	9 /A910	6 /A402	0	--	11.1	NO	
D0003	DBL GLZ	ALUM	6' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	5 /A402		GL-2	13	YES	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003A	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	NONE	--	GL-1	05	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003C	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	NONE	--	GL-1	05	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003D	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	NONE	--	GL-1	05	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003E	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	NONE	--	GL-1	05	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003F	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	NONE	--	GL-1	05	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003G	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	NONE	--	GL-1	05	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003H	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	NONE	--	GL-1	05	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003J	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	NONE	--	GL-1	05	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003K	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	NONE	--	GL-1	05.1	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003L	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	HM	8 /A910	9 /A910	NONE	-	GL-1	05.1	NO	
D0003M	SL	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	21/A910	23, 24 A/910	22/A910		GL-1	12	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003N	SL	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	21/A910	23, 24 A/910	22/A910		GL-1	12	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003P	SL	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	21/A910	23, 24 A/910	22/A910		GL-1	12	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0003Q	AA	HM	6' - 0"	6' - 10"	0' - 2"	HM	8 /A910	9 /A910	9 /A910	-	--	10	NO	
D0004	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	8 /A910	12, 13, 14, 15 /A910	9 /A910	--	GL-1	03	YES	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D0004A	GLZ	ALUM	3' - 0 5/8"	6' - 10"	0' - 2"	ALUM	8 /A910	12, 13, 14, 15 /A910	9 /A910	--	GL-1	05	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D400A	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	9 /A910	--	GL-1	05	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D400B	GLZ	ALUM	3' - 0"	6' - 10"	0' - 2"	ALUM	16 /A910	12, 13, 14, 15 /A910	9 /A910	--	GL-1	05	NO	SEE STOREFRONT SCHEDULE FOR BROADER ASSEMBLY
D400G	A	HM	3' - 0"	7' - 0"	0' - 2"	HM	8 /A910	9 /A910	6 /A402			09	YES	NEW DOOR IN EXISTING WALL
D400H	A	HM	3' - 0"	7' - 0"	0' - 2"	HM	8 /A910	9 /A910	6 /A402		-	11.1	NO	
D413A	A	HM	3' - 0"	7' - 0"	0' - 2"	HM	8 /A910	9 /A910	NONE	-	--	11	NO	
D414/1	A	HM	3' - 0"	7' - 0"	0' - 2"	HM	8 /A910	9 /A910	5 /A402	60	--	09	NO	
D414/2	A	HM	3' - 0"	7' - 0"	0' - 2"	HM	8 /A910	9 /A910	5 /A402	60	--	09	YES	
D414A	A	HM	3' - 0"	7' - 0"	0' - 2"	HM	10 /A910	11 /A910	7 /A402	-	--	08	NO	
D414B	A	HM	3' - 0"	7' - 0"	0' - 2"	HM	10 /A910	11 /A910	7 /A402	-	--	08	NO	

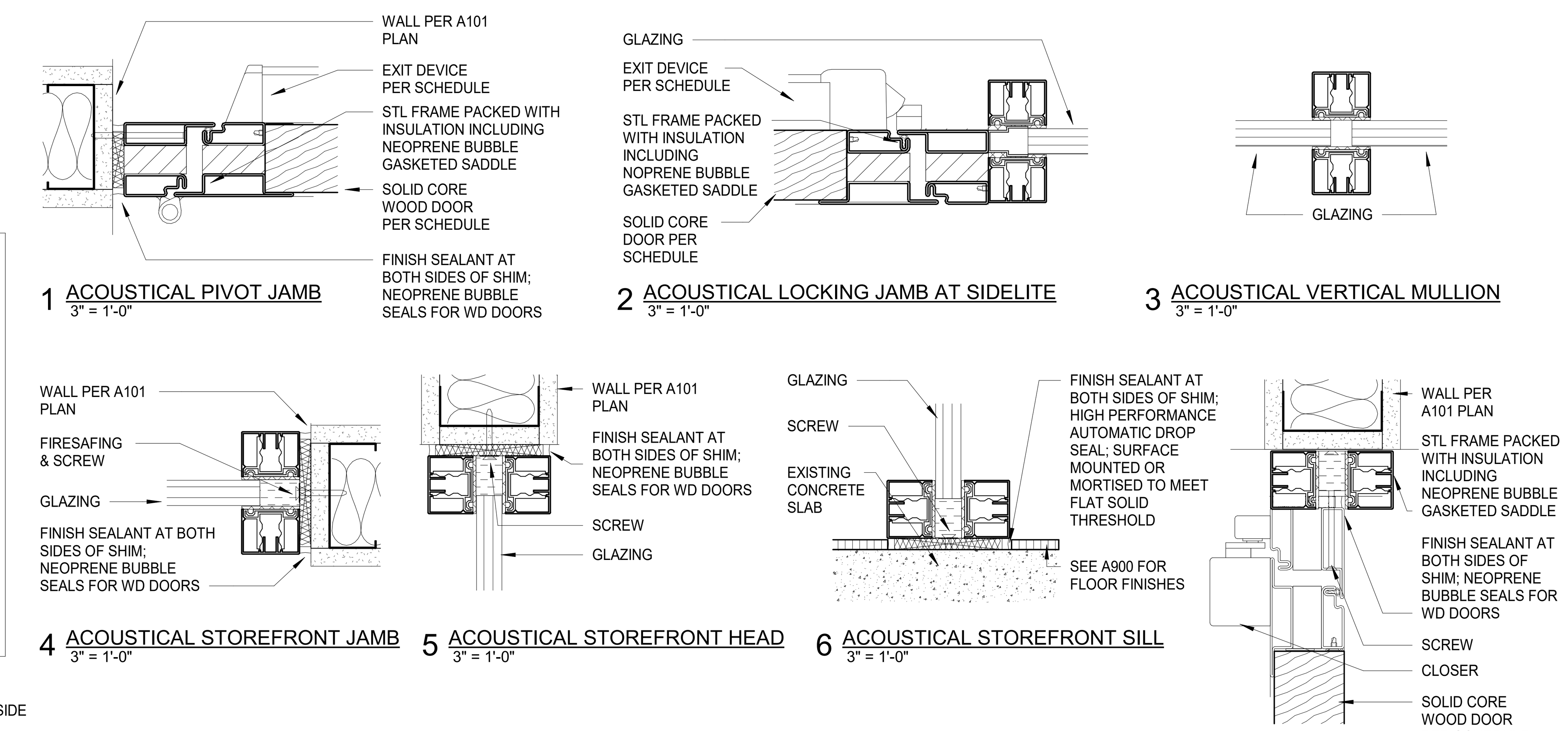
STOREFRONT SCHEDULE - CMFT					
NUMBER	LENGTH	HEIGHT	FIRE RATING	GLASS TYPE	DWG REFERENCE
0002A	11' - 10"	7' - 0"	0	GL-2	2/A602, 12,13,15,16,17,19/A910
0002B	16' - 2"	7' - 0"	0	GL-2	2/A602, 12,13,15,16,17,19/A910
0003	19' - 0 1/4"	7' - 0"	0	GL-2	3/A601,15,16,17,19/A910- SIM
0003A	6' - 10 1/4"	7' - 0"	0	GL-1	5/A601,14,15,16,17,18/A910
0003C	10' - 5 1/2"	7' - 0"	0	GL-1	5/A601,14,15,16,17,18/A910
0003D	10' - 5"	7' - 0"	0	GL-1	5/A601,14,15,16,17,18/A910
0003E	9' - 11 3/4"	7' - 0"	0	GL-1	5/A601,14,15,16,17,18/A910
0003F	3' - 7"	7' - 0"	0	GL-1	5/A601,14,15,16,17,18/A910
0003G	10' - 1 1/2"	7' - 0"	0	GL-1	5/A601,14,15,16,17,18/A910
0003H	10' - 4 1/4"	7' - 0"	0	GL-1	5/A601,14,15,16,17,18/A910
0003J	10' - 4 1/4"	7' - 0"	0	GL-1	5/A601,14,15,16,17,18/A910
0003K	5' - 2 1/4"	7' - 0"	0	GL-1	5/A601,14,15,16,17,18/A910
0003M	6' - 1 1/4"	7' - 0"	0	GL-1	3/A601,15,16,17,18,21/A910
0003N	13' - 3"	7' - 0"	0	GL-1	3/A601,15,16,17,18,21/A910
0003P	13' - 4"	7' - 0"	0	GL-1	3/A601,15,16,17,18,21/A910
0004	7' - 8"	7' - 0"	0	GL-1	2/A604, 14,15,16,17,18/A910
004A	8' - 7 3/4"	7' - 0"	0	GL-1	4/A604,14 15,16,17,18/A910
D400A	10' - 7 1/2"	7' - 0"	0	GL-1	10/A603,14,15,16,17,18/A910
D400B	10' - 7 1/2"	7' - 0"	0	GL-1	10/A603,14,15,16,17,18/A910

GLASS LEGEND

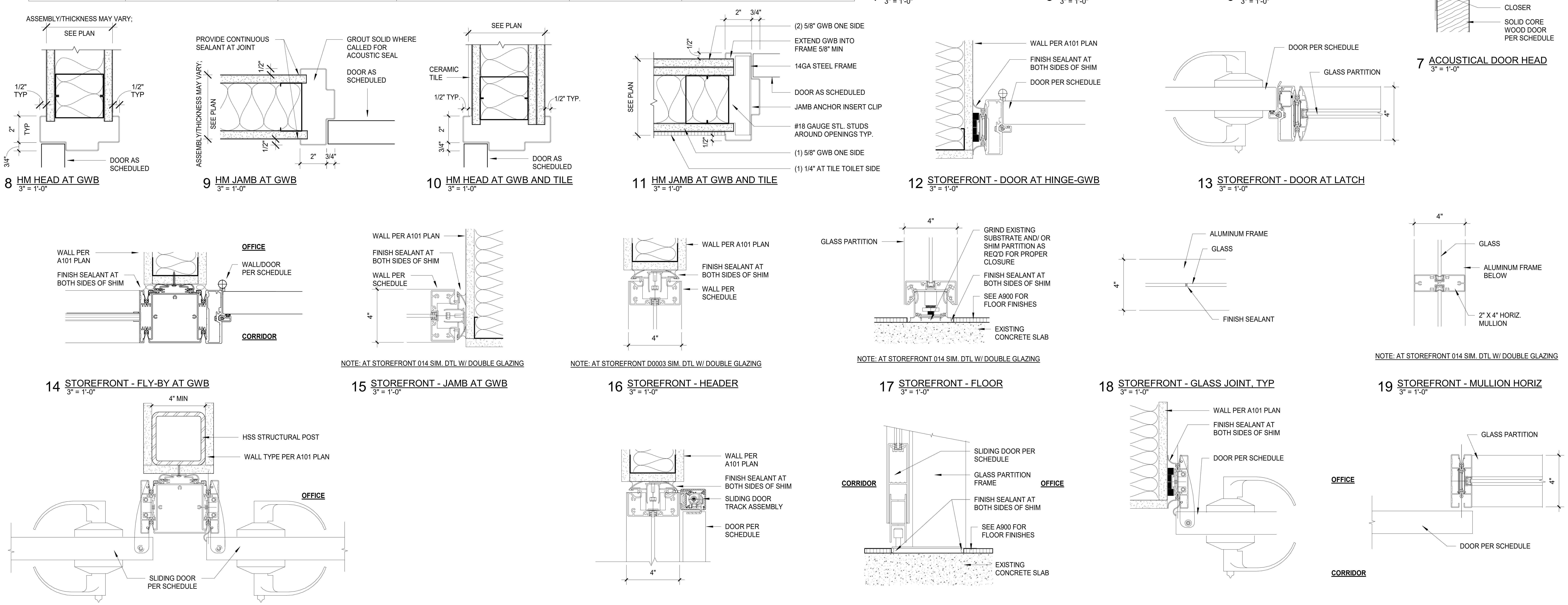
GL-1 3/8" CLEAR TEMPERED
GL-2 3/4" LAMINATED GLASS FOR STC 38+
~~GL-3 3/8" CLEAR TEMPERED DOUBLE GLAZING~~

NOTES:
1. STOREFRONT LENGTH DIMENSIONS INCLUDE DOORS. DOOR DIMENSIONS & FEATURES ARE ITEMIZED IN THE DOOR SCHEDULE ABOVE.
2. PROVIDE DOOR STOPS AT ALL NEW DOORS (INCLUDES STOREFRONT DOORS AND DOORS IN PARTITIONS)
3. PROVIDE FOR ROUTING AND MOUNTING OF CARD DREADERS SHOWN ON ELECTRICAL DRAWINGS.





1 ACOUSTICAL PIVOT JAMB 3" = 1'-0"
2 ACOUSTICAL LOCKING JAMB AT SIDELITE 3" = 1'-0"
3 ACOUSTICAL VERTICAL MULLION 3" = 1'-0"
4 ACOUSTICAL STOREFRONT JAMB 3" = 1'-0"
5 ACOUSTICAL STOREFRONT HEAD 3" = 1'-0"
6 ACOUSTICAL STOREFRONT SILL 3" = 1'-0"
7 ACOUSTICAL DOOR HEAD 3" = 1'-0"

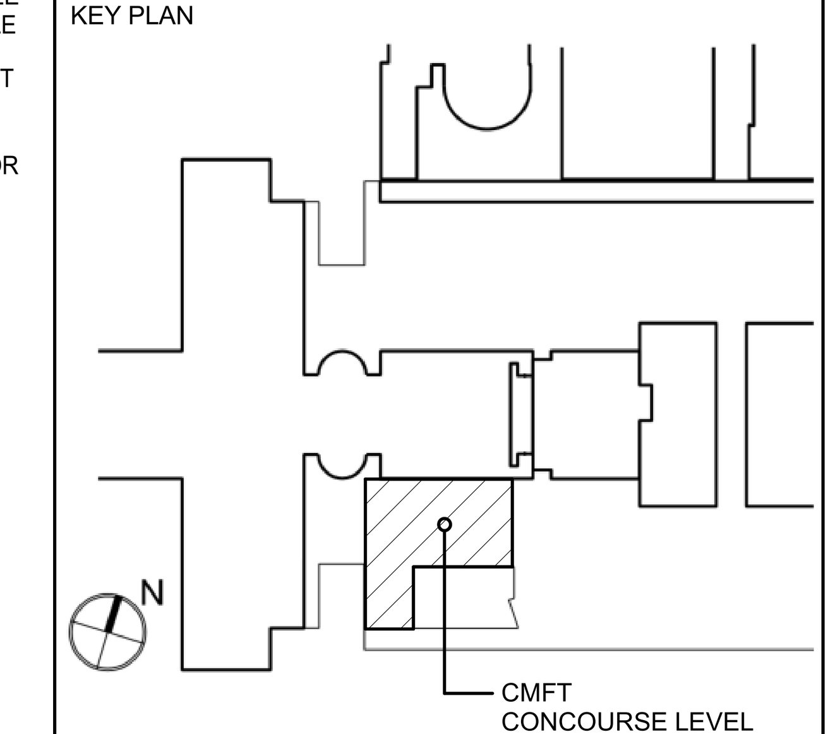


8 HM HEAD AT GWB 3" = 1'-0"
9 HM JAMB AT GWB 3" = 1'-0"
10 HM HEAD AT GWB AND TILE 3" = 1'-0"
11 HM JAMB AT GWB AND TILE 3" = 1'-0"
12 STOREFRONT - DOOR AT HINGE-GWB 3" = 1'-0"
13 STOREFRONT - DOOR AT LATCH 3" = 1'-0"
14 STOREFRONT - FLY-BY AT GWB 3" = 1'-0"
15 STOREFRONT - JAMB AT GWB 3" = 1'-0"
16 STOREFRONT - HEADER 3" = 1'-0"
17 STOREFRONT - FLOOR 3" = 1'-0"
18 STOREFRONT - GLASS JOINT, TYP 3" = 1'-0"
19 STOREFRONT - MULLION HORIZ 3" = 1'-0"
20 STOREFRONT - SLIDING DOOR AT FLY BY 3" = 1'-0"
21 STOREFRONT - HEADER @ SLIDING DOOR 3" = 1'-0"
22 STOREFRONT - FLOOR @ SLIDING DOOR 3" = 1'-0"
23 STOREFRONT - SLIDING DOOR AT LATCH 3" = 1'-0"
24 STOREFRONT - SLIDING DOOR JAMB 3" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

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Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

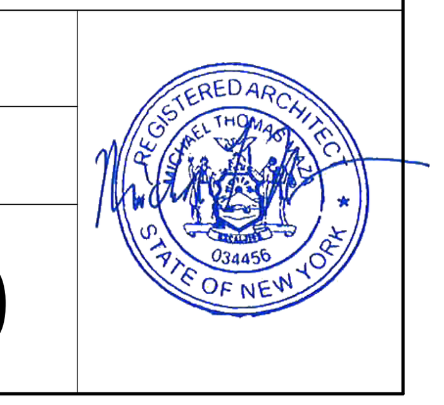
PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

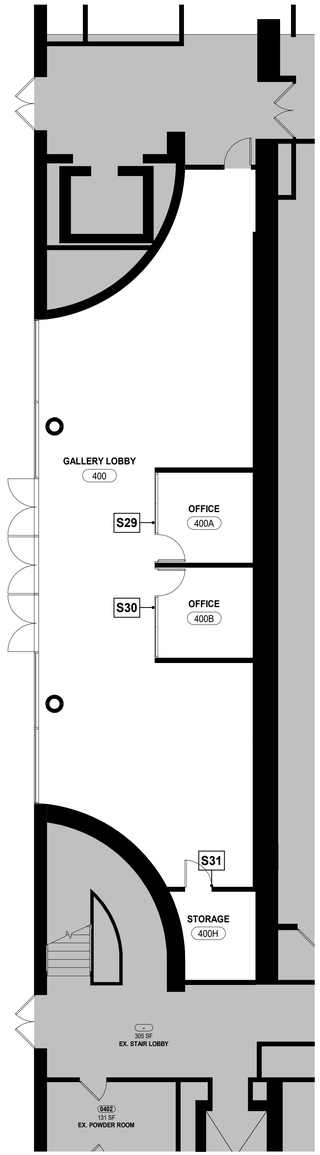
DRAWING TITLE:
DOOR AND STOREFRONT SCHEDULE & TYPES

SCALE:
As indicated

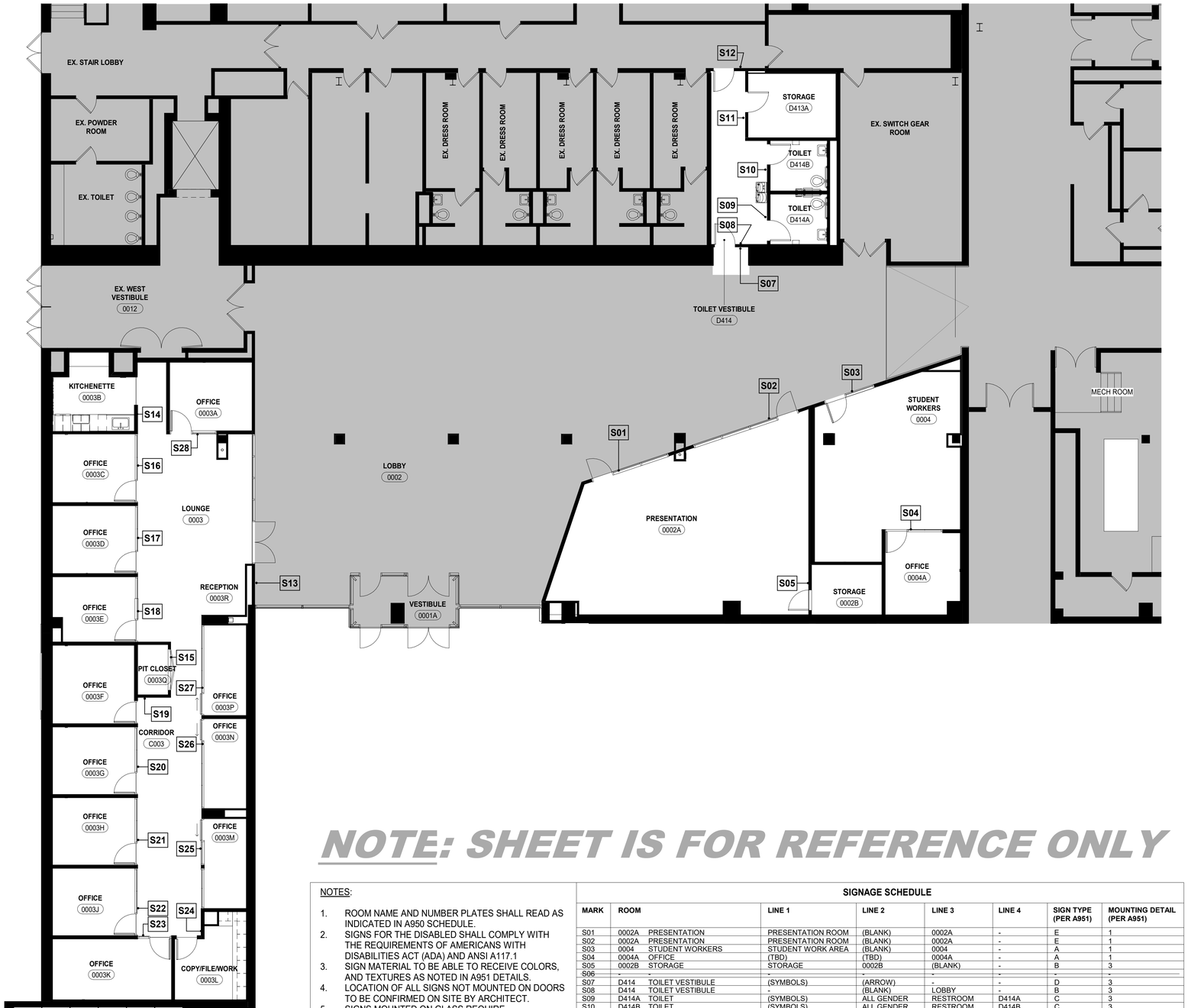
DATE:
12 JUNE 2023

DRAWING NO.:
A.910





1 SIGNAGE PLAN - GALLERY
1/8" = 1'-0"



2 SIGNAGE PLAN - MAIN
1/8" = 1'-0"

NOTE: SHEET IS FOR REFERENCE ONLY

NOTES:

1. ROOM NAME AND NUMBER PLATES SHALL READ AS INDICATED IN A950 SCHEDULE.
2. SIGNS FOR THE DISABLED SHALL COMPLY WITH THE REQUIREMENTS OF AMERICANS WITH DISABILITIES ACT (ADA) AND ANSI A117.1
3. SIGN MATERIAL TO BE ABLE TO RECEIVE COLORS, AND TEXTURES AS NOTED IN A951 DETAILS.
4. LOCATION OF ALL SIGNS NOT MOUNTED ON DOORS TO BE CONFIRMED ON SITE BY ARCHITECT.
5. SIGNS MOUNTED ON GLASS REQUIRE CORRESPONDING BLANK BACKER AT OPPOSITE FACE OF GLASS.

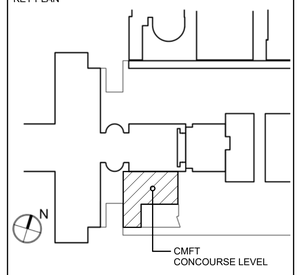
SIGNAGE SCHEDULE

MARK	ROOM	LINE 1	LINE 2	LINE 3	LINE 4	SIGN TYPE (PER A951)	MOUNTING DETAIL (PER A951)
S01	0002A PRESENTATION	PRESENTATION ROOM	(BLANK)	0002A	-	E	1
S02	0002A PRESENTATION	PRESENTATION ROOM	(BLANK)	0002A	-	E	1
S03	0004 STUDENT WORKERS	STUDENT WORK AREA	(BLANK)	0004	-	A	1
S04	0004A OFFICE	(TBD)	(TBD)	0004A	-	A	1
S05	0002B STORAGE	STORAGE	0002B	(BLANK)	-	B	3
S06	- -	-	-	-	-	-	-
S07	D414 TOILET VESTIBULE	(SYMBOLS)	(ARROW)	-	-	D	3
S08	D414 TOILET VESTIBULE	-	(BLANK)	LOBBY	-	B	3
S09	D414A TOILET	(SYMBOLS)	ALL GENDER	RESTROOM	D414A	C	3
S10	D414B TOILET	(SYMBOLS)	ALL GENDER	RESTROOM	D414B	C	3
S11	D413A STORAGE	STORAGE	D413A	(BLANK)	-	B	3
S12	D414 TOILET VESTIBULE	-	(BLANK)	RESTROOMS	-	B	3
S13	0003 LOUNGE	LOUNGE	(BLANK)	0003	-	A	3
S14	0003B KITCHENETTE	PANTRY	0003B	(BLANK)	-	B	3
S15	0003Q PIT CLOSET	MECHANICAL	0003Q	(BLANK)	-	B	5
S16	0003C OFFICE	(TBD)	(TBD)	0003C	-	A	1
S17	0003D OFFICE	(TBD)	(TBD)	0003D	-	A	1
S18	0003E OFFICE	(TBD)	(TBD)	0003E	-	A	1
S19	0003F OFFICE	(TBD)	(TBD)	0003F	-	A	3
S20	0003G OFFICE	(TBD)	(TBD)	0003G	-	A	1
S21	0003H OFFICE	(TBD)	(TBD)	0003H	-	A	1
S22	0003J OFFICE	(TBD)	(TBD)	0003J	-	A	1
S23	0003K OFFICE	(TBD)	(TBD)	0003K	-	A	1
S24	0003L COPY / FILE	COPY / FILE	(BLANK)	0003L	-	B	3
S25	0003M OFFICE	(TBD)	(TBD)	0003M	-	A	1
S26	0003N OFFICE	(TBD)	(TBD)	0003N	-	A	1
S27	0003P OFFICE	(TBD)	(TBD)	0003P	-	A	1
S28	0003A OFFICE	(TBD)	(TBD)	0003A	-	A	1
S29	400A OFFICE	(TBD)	(TBD)	400A	-	A	1
S30	400B OFFICE	(TBD)	(TBD)	400B	-	A	1
S31	400H OFFICE	(TBD)	(TBD)	400H	-	B	3

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

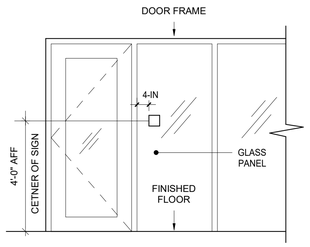
DRAWING TITLE:

SIGNAGE PLAN & SCHEDULE (FOR REFERENCE ONLY)

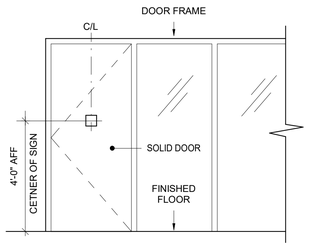
SCALE:
As indicated

DATE:
12 JUNE 2023

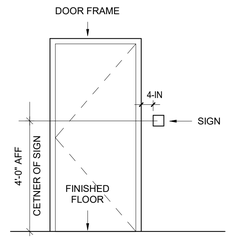
DRAWING NO.:
A.950



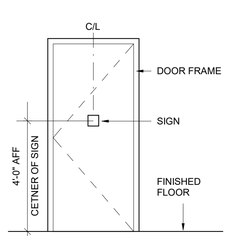
1 SIGNAGE MOUNTING DETAIL 1
N.T.S.



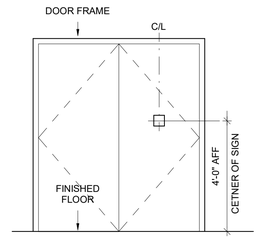
2 SIGNAGE MOUNTING DETAIL 2
N.T.S.



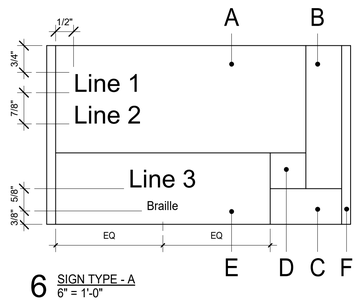
3 SIGNAGE MOUNTING DETAIL 3
N.T.S.



4 SIGNAGE MOUNTING DETAIL 4
N.T.S.



5 SIGNAGE MOUNTING DETAIL 5
N.T.S.



6 SIGN TYPE - A
6" = 1'-0"

SIZE:
SIGN (W/O END CAPS) 5"H X 8"W)
A – 3"H X 7"W - WINDOW INSERT CARRIER WITH LENS & PAPER
B – 4"H X 1"W - ABS INSERT
C – 1"H X 2"W - ABS INSERT
D – 1"H X 1"W - ALUMINUM INSERT
E – 2"H X 6"W - INTEGRAL ADA INSERT
F – 5" H (QUANTITY 2) - SLIMLINE LOCKING END CAP

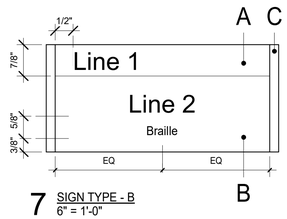
LAYOUT:
LINE 1&2 = 1/2" COPY, LEFT JUSTIFIED
LINE 3 = 3/4" COPY, CENTERED

NOTE LINE #1 & #2 ARE ON PAPER INSERT

COLORS:
A – LIGHT NEUTRAL CARRIER 702
B – COOL GREY 703
C – SOFT WHITE 708
D – ANODIZED SATIN 101
E – MEDIUM GREY 705
F – ANODIZED SATIN 101 (TYP)
COPY LINE 1-2 = BLACK LASER PRINT
LINE 3 = SILVER 150

COPY:
FONT – FUTURA MEDIUM (FMC)
METHOD – LINES 1&2 = LASER PRINT
LINE 3 = INTEGRAL ADA

PAPER:
2/90 SIGN SYSTEMS 'SAND' (#413) PAPER.



7 SIGN TYPE - B
6" = 1'-0"

SIZE:
SIGN (W/O END CAPS) 3"H X 6"W)
A – 3/4"H X 6"W - SUBSURFACE INSERT
B – 2-1/4"H X 6"W - INTEGRAL ADA INSERT
C – 3" (QUANTITY 2) - SLIMLINE LOCKING END CAP

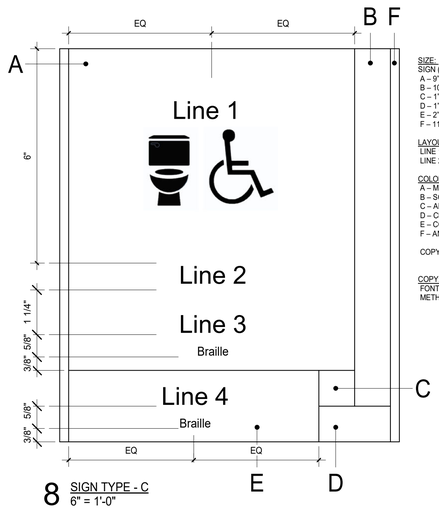
LAYOUT:
LINE 1 = 1/2" COPY, LEFT JUSTIFIED
LINE 2 = 3/4" COPY, CENTERED

COLORS:
A – CEMENT 709
B – MEDIUM GREY 705
C – ANODIZED SATIN 101 (TYP)

COPY – (LINE 1) BLACK 704
(LINE 2) SILVER 150

COPY:
FONT – FUTURA MEDIUM (FMC)
METHOD – LINE 1 = SUBSURFACE (SSC)
LINE 2 = INTEGRAL ADA

NOTE: SHEET IS FOR REFERENCE ONLY



8 SIGN TYPE - C
6" = 1'-0"

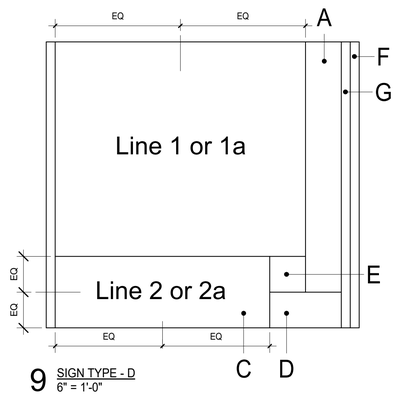
SIZE:
SIGN (W/O END CAPS & TRIM) 11"H X 9"W
A – 9"H X 8"W - SUBSURFACE INSERT
B – 10"H X 1"W - ABS INSERT
C – 1"H X 1"W - ALUMINUM INSERT
D – 1"H X 2"W - ABS INSERT
E – 2"H X 7"W - INTEGTRAL ADA INSERT
F – 11" H (QUANTITY 2) - SLIMLINE LOCKING END CAP

LAYOUT:
LINE 1 = 4" SYMBOL, CENTERED
LINE 2-4 = 3/4" COPY, CENTERED

COLORS:
A – MEDIUM GREY 705
B – SOFT WHITE 708
C – ANODIZED SATIN 101
D – CEMENT 709
E – COOL GREY 703
F – ANODIZED SATIN 101 (TYP.)

COPY LINES 1THRU 3 = SILVER 150
LINE 4 = MEDIUM GREY 705

COPY:
FONT – FUTURA MEDIUM (FMC)
METHOD – LINE 1 = SUBSURFACE (SSC)
LINES 2-4 = INTEGRAL ADA



9 SIGN TYPE - D
6" = 1'-0"

SIZE:
SIGN (W/O STAND) 8"H X 8"W)
A – 7"H X 1"W (QUANTITY 2) - ABS INSERT
B – 6"H X 7"W (QUANTITY 2) - ABS INSERT
C – 2"H X 6"W (QUANTITY 2) - ABS INSERT
D – 1"H X 2"W (QUANTITY 2) - ABS INSERT
E – 1"H X 1"W (QUANTITY 2) - ALUMINUM INSERT
F – 8"H - SLIMLINE LOCKING END CAP
G – 8"H - PERPENDICULAR WALL MOUNT BRACKET

LAYOUT:
LINE 1A/B = 4" SYMBOLS, CENTERED
LINE 2 A/B = 1 ½" ARROW, CENTERED

COLORS:
A – COOL GREY 703
B – CEMENT 709
C – MEDIUM GREY 705
D – SOFT WHITE 708
E – ANODIZED SATIN 101
F – ANODIZED SATIN 101
G – ANODIZED SATIN 101

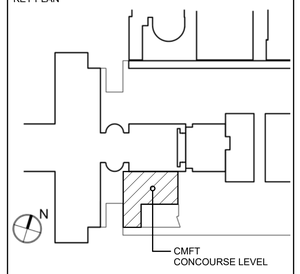
SYMBOLS = BLACK 704
ARROW = SILVER 150

COPY:
METHOD – SURFACE APPLIED (VNL)

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

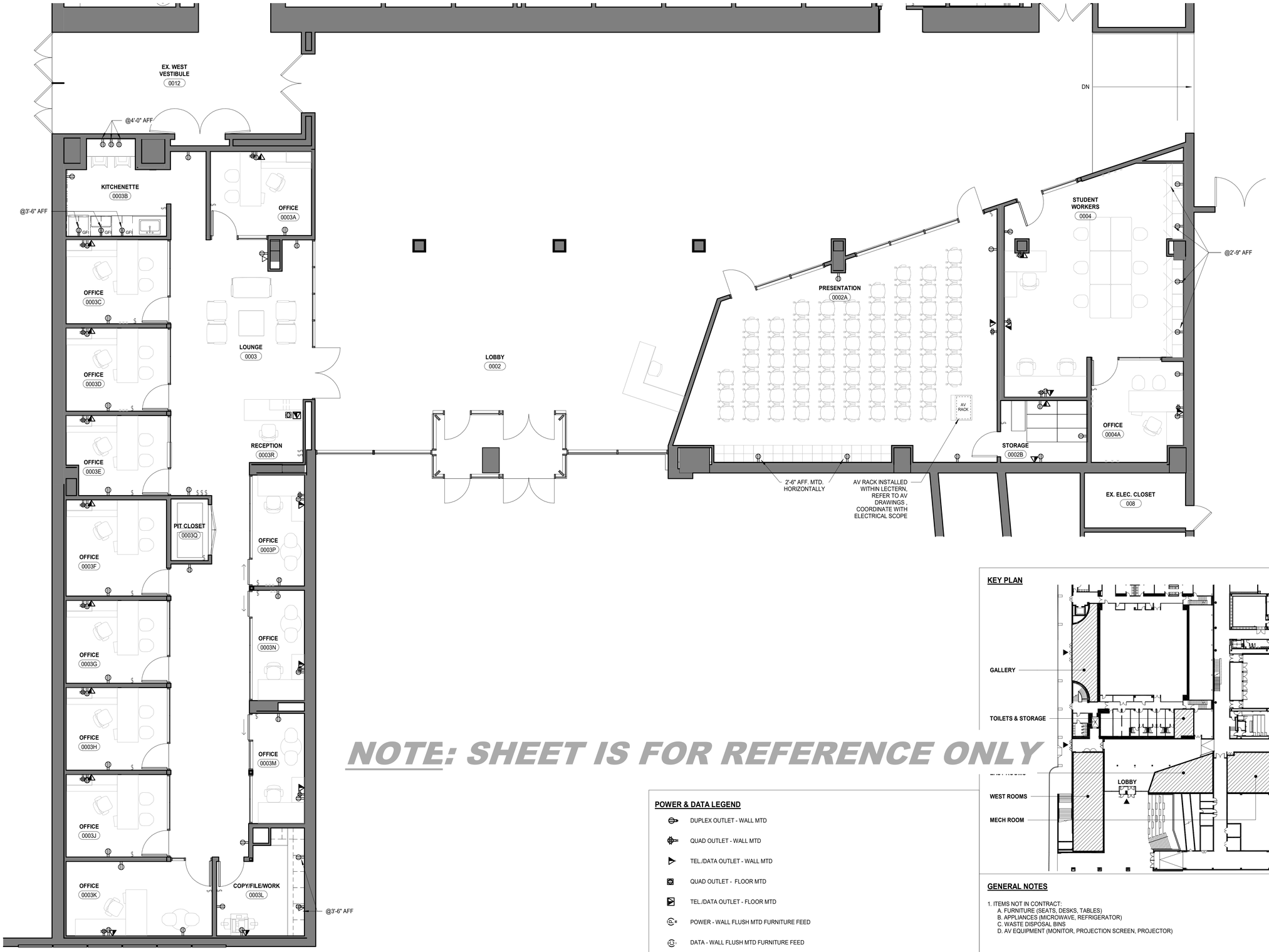
DRAWING TITLE:

SIGNAGE DETAILS (FOR REFERENCE ONLY)

SCALE:
N.T.S.

DATE:
12 JUNE 2023

DRAWING NO.:
A.951



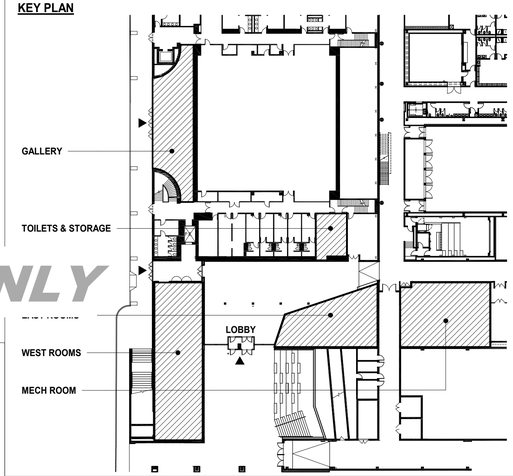
1 FURNITURE PLAN - MAIN
3/16" = 1'-0"

NOTE: SHEET IS FOR REFERENCE ONLY

POWER & DATA LEGEND

- DUPLEX OUTLET - WALL MTD
- QUAD OUTLET - WALL MTD
- TEL./DATA OUTLET - WALL MTD
- QUAD OUTLET - FLOOR MTD
- TEL./DATA OUTLET - FLOOR MTD
- POWER - WALL FLUSH MTD FURNITURE FEED
- DATA - WALL FLUSH MTD FURNITURE FEED
- DATA OUTLET BOX

KEY PLAN



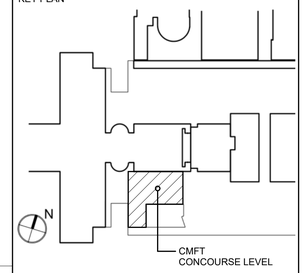
GENERAL NOTES

1. ITEMS NOT IN CONTRACT:
   A. FURNITURE (SEATS, DESKS, TABLES)
   B. APPLIANCES (MICROWAVE, REFRIGERATOR)
   C. WASTE DISPOSAL BINS
   D. AV EQUIPMENT (MONITOR, PROJECTION SCREEN, PROJECTOR)

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

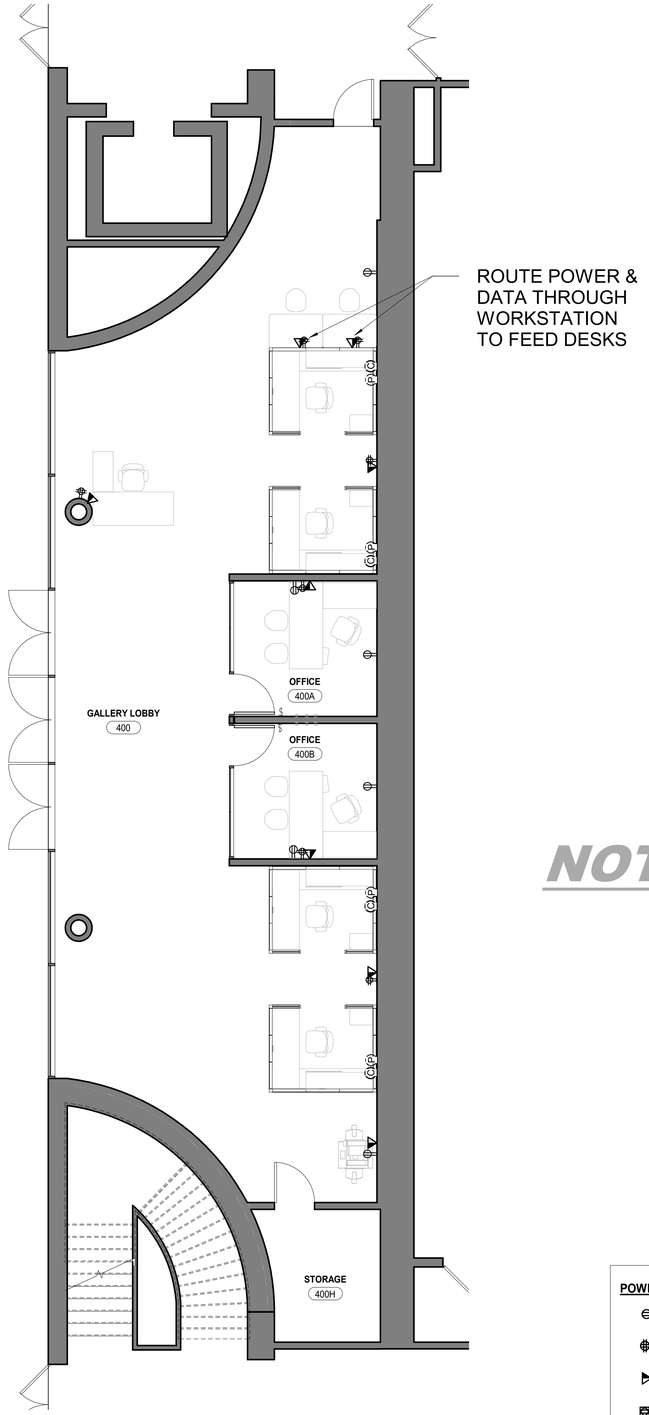
POWER, DATA & FURNITURE PLAN - MAIN (FOR REFERENCE ONLY)

SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
FF.101

REGISTERED ARCHITECT
MICHAEL THOMAS MILSOM
034478
STATE OF NEW YORK



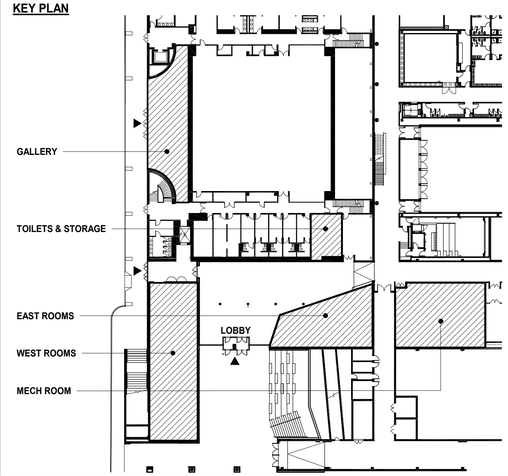
1 FURNITURE PLAN - GALLERY
3/16" = 1'-0"

NOTE: SHEET IS FOR REFERENCE ONLY

POWER & DATA LEGEND

- DUPLEX OUTLET - WALL MTD
- QUAD OUTLET - WALL MTD
- TEL./DATA OUTLET - WALL MTD
- QUAD OUTLET - FLOOR MTD
- TEL./DATA OUTLET - FLOOR MTD
- POWER - WALL FLUSH MTD FURNITURE FEED
- DATA - WALL FLUSH MTD FURNITURE FEED
- DATA OUTLET BOX

KEY PLAN



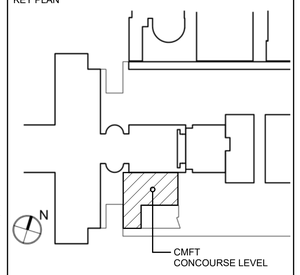
GENERAL NOTES

1. ITEMS NOT IN CONTRACT:
   A. FURNITURE (SEATS, DESKS, TABLES)
   B. APPLIANCES (MICROWAVE, REFRIGERATOR)
   C. WASTE DISPOSAL BINS
   D. AV EQUIPMENT (MONITOR, PROJECTION SCREEN, PROJECTOR)

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

POWER, DATA & FURNITURE PLAN - GALLERY (FOR REFERENCE ONLY)

SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
FF.102

REGISTERED ARCHITECT
MICHAEL THOMAS
034459
STATE OF NEW YORK

GENERAL STRUCTURAL NOTES

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2020 NEW YORK STATE BUILDING CODE, HEREINAFTER REFERRED TO AS BUILDING CODE, WITH THE SPECIFICATIONS, AND WITH THE REGULATIONS OF ALL GOVERNMENTAL AUTHORITIES HAVING JURISDICTION.

2. CONTRACT DOCUMENTS

   A. CONTRACT DOCUMENTS ARE INTENDED TO INDICATE INFORMATION SUFFICIENT TO CONVEY THE DESIGN INTENT. THESE DOCUMENTS REPRESENT THE STRUCTURE IN ITS COMPLETED STATE, AND DO NOT INDICATE THE MEANS–AND–METHODS OF CONSTRUCTION, WHICH IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE AND NOTIFY THE ENGINEER OF INCONSISTENCIES IN THESE DOCUMENTS PRIOR TO COMMENCEMENT OF THE WORK.

   B. "TYPICAL DETAILS" ARE APPLICABLE THOUGHT THE ENTIRE SCOPE OF WORK, ALTHOUGH THEY ARE NOT SPECIFICALLY REFERENCED. CONTRACTOR IS RESPONSIBLE TO REVIEW THESE DETAILS TO UNDERSTAND THE INTENT AND EXTENT OF THEIR APPLICATION. CONTRACTOR SHALL NOTIFY THE ENGINEER IF CONDITIONS EXIST THAT ARE NOT SPECIFICALLY DETAILED, SCHEDULED OR COVERED BY TYPICAL DETAILS.

3. REFERENCE DOCUMENTS

   A. C.I.T.L PROJECT NUMBER 29401 – SUNY PURCHASE COLLEGE DRAWING S–103.0 DATED 06/29/12.

4. GENERAL REQUIREMENTS

   A. IT IS INTENDED THAT ALL MEMBERS BE FABRICATED AND ERECTED FREE OF SHOP AND FIELD SPLICES WHICH ARE NOT SPECIFICALLY SHOWN IN THE CONTRACT DRAWINGS. IF FIELD CONDITIONS NECESSITATE FIELD SPLICING OF MEMBERS, SUBMIT SPLICE LOCATIONS FOR STRUCTURAL ENGINEER'S ACCEPTANCE. WHERE FIELD SPLICING IS ACCEPTED, SPLICES SHALL BE SHOWN IN THE SHOP DRAWINGS OR IN FIELD WORK DRAWINGS.

   B. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CORRECTNESS OF DIMENSIONS AND QUANTITIES AND FOR THE FITTING TO OTHER WORK; FOR WORK TO BE CONFIRMED AND CORRELATED AT THE SITE; FOR INFORMATION PERTAINING TO THE FABRICATION PROCEDURE OR TO THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION; AND FOR THE COORDINATION OF THE WORK OF THIS SECTION WITH THE WORK OF ALL OTHER TRADES. THE ARCHITECT'S AND STRUCTURAL ENGINEER'S REVIEW OF CONTRACTOR'S SUBMISSIONS DOES NOT RELIEVE CONTRACTOR FROM THESE RESPONSIBILITIES.

   C. FIELD MEASUREMENTS: OBTAIN ALL FIELD MEASUREMENTS REQUIRED FOR PROPER FABRICATION AND INSTALLATION OF WORK. SUBMIT, PRIOR TO INSTALLATION, ALL MEASUREMENTS INDICATING DISCREPANCIES FROM THE DRAWINGS. DESCRIBE IN WRITING AND, WHERE APPLICABLE, BY SKETCHES THE PROPOSED METHODS FOR CORRECTING DISCREPANCIES.

   D. LAY OUT EACH PART OF THE WORK IN STRICT ACCORDANCE WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND ALL OTHER DRAWINGS AND BE RESPONSIBLE FOR CORRECT LOCATION OF SAME.

   E. HOLES SHALL NOT BE CUT OR DRILLED INTO EXISTING OR NEW STRUCTURAL MEMBERS WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.

5. CONSTRUCTION SEQUENCE: DESCRIPTIONS OF LIMITATIONS ON CONSTRUCTION SEQUENCE ARE INTENDED TO ASSIST CONTRACTOR IN COORDINATING THE WORK OF THE PROJECT. DESCRIPTIONS DO NOT DESCRIBE FULLY THE LIMITATIONS GIVEN, DO NOT DESCRIBE ALL LIMITATIONS, NOR DO THEY PRECLUDE CONSTRUCTION SEQUENCES NOT CONTEMPLATED HEREIN. WHETHER OR NOT CONTRACTOR FOLLOWS THE LIMITATIONS ON CONSTRUCTION SEQUENCE DESCRIBED HEREIN AND UNTIL SUCH TIME AS THE STRUCTURAL WORK IS COMPLETED, CONTRACTOR REMAINS FULLY RESPONSIBLE FOR BOTH THE STABILITY AND THE SAFETY OF THE WORK; ADHERENCE TO THE LIMITATIONS DESCRIBED HEREIN DOES NOT RELIEVE CONTRACTOR FROM THAT RESPONSIBILITY.

6. EXISTING STRUCTURES

   A. DIMENSIONS AND DETAILS SHOWN IN STRUCTURAL DRAWINGS ARE TAKEN FROM THE ORIGINAL DESIGN DOCUMENTS AND MAY NOT PRECISELY REPRESENT CURRENT EXISTING CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION PERTAINING TO EXISTING CONDITIONS BY INSPECTION AND MEASUREMENT AT THE SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.

   B. FIREPROOFING: SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. UNLESS OTHERWISE SHOWN OR NOTED IN THE DRAWINGS, APPLY SPRAYED FIREPROOFING TO ALL ADDED STEEL, TO ALL EXISTING STEEL WHERE EXISTING FIREPROOFING IS DAMAGED OR REMOVED IN THE EXECUTION OF THIS WORK, AND AS DIRECTED BY THE ARCHITECT. SPRAYED FIREPROOFING SHALL BE MONOKOTE BY WR GRACE COMPANY OR EQUAL APPLIED TO ACHIEVE A MINIMUM 2–HOUR FIRE–RATING, UNLESS OTHERWISE NOTED.

7. SHORING AND DEMOLITION

   A. PROVIDE AND PLACE BRACING AND SHORING AS NEEDED. SUPPORT STRUCTURE TO REMAIN AS NECESSARY TO PREVENT DAMAGE OR UNACCEPTABLE DEFLECTION. KEEP ALL BRACING AND SHORING IN PLACE DURING NEW STRUCTURAL STEEL AND CONCRETE CONSTRUCTION AND UNTIL NEW CONCRETE ACHIEVES 80 PERCENT OF DESIGN STRENGTH.

   WHERE EXISTING STRUCTURE NEED BE WELDED TO, SHORE STRUCTURE PRIOR TO WELDING FOR THE FULL LOAD PRESENT AT THE TIME OF WELDING.

   BRACING AND SHORING, INCLUDING FOUNDATIONS AND CONNECTIONS TO EXISTING STRUCTURE WITH STIFFENER PLATES AS MAY BE REQUIRED, SHALL BE DESIGNED BY CONTRACTOR'S PROFESSIONAL ENGINEER LICENSED IN THE PROJECT'S JURISDICTION. PROCEDURES, DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY CONTRACTOR'S ENGINEER AND SUBMITTED FOR REVIEW AND APPROVAL.

   B. REMOVE ALL DEMOLISHED MATERIAL PROMPTLY FROM THE SITE.

   C. ERECT AND MAINTAIN DUSTPROOF BARRIERS TO PREVENT SPREAD OF DUST OR FUMES. PROVIDE MEANS FOR EFFECTIVE DUST CONTROL. REMOVE BARRIERS UPON COMPLETION.

   D. SAWCUT AND REMOVE CONCRETE TO TRUE SMOOTH LINES TO THE EXTENT SHOWN IN THE DRAWINGS AFTER INSTALLATION OF ALL ADDED BEAMS AND REINFORCEMENTS, WITHOUT DAMAGE TO EXISTING REINFORCING STEEL DESIGNATED TO REMAIN. JOINTS BETWEEN EXISTING CONCRETE AND NEW CONCRETE SLAB CONSTRUCTION SHALL BE LEFT CLEAN, ROUGH, AND ESSENTIALLY VERTICAL.

   E. CAST NEW CONCRETE AS REQUIRED TO REPAIR CONCRETE SLABS, BEAM AND COLUMN ENCASEMENTS, AND THE LIKE THAT WERE DAMAGED OR REMOVED IN THE EXECUTION OF THIS CONTRACT TO THE SATISFACTION OF THE ARCHITECT AND STRUCTURAL ENGINEER.

   F. ALL STEEL BEAM CUTS SHALL BE NEAT, SMOOTH, AND TRUE TO LINE. REPAIR EXCESS GAS BURNING SERRATIONS AND GOUGES BY NECESSARY WELDING AND GRINDING.

   G. EXISTING MECHANICAL/ELECTRICAL WORK MAY NEED TO BE TEMPORARILY REMOVED TO ACCOMMODATE THE REINFORCEMENT OF THE EXISTING STRUCTURE. SEE MECHANICAL/ELECTRICAL DRAWINGS FOR REQUIREMENTS RELATED TO DOCUMENTING, REMOVING, STORING, REINSTALLING AND TESTING SUCH WORK.

8. CONTRACTOR'S ENGINEER

   A. CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER LICENSED IN THE PROJECT'S JURISDICTION TO OVERSEE CONTRACTOR'S DEMOLITION AND CONSTRUCTION SEQUENCE.

   B. CONTRACTOR'S PROFESSIONAL ENGINEER SHALL DESIGN ALL TEMPORARY BRACING, SHORING AND THE LIKE. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY CONTRACTOR'S PROFESSIONAL ENGINEER FOR TEMPORARY WORK.

REINFORCED CONCRETE

1. CONCRETE STRENGTHS AND UNIT WEIGHTS ARE LISTED BELOW. ALL CONCRETE MIXES SHALL CONFORM TO THE PROVISIONS FOR CONCRETE QUALITY CONTAINED IN CHAPTERS 4 AND 5 OF ACI 318, EXCEPT THAT THE PROVISIONS OF THE SPECIFICATIONS SHALL PREVAIL WHERE MORE STRINGENT.

F'C (PSI)*	COARSE AGGREGATE	LOCATIONS
4000	NORMAL WEIGHT	SLABS ON GROUND
5000	NORMAL WEIGHT	FOOTINGS

* F'C SHALL BE THE COMPRESSIVE STRENGTH AT 28 DAYS FOR TYPE I CEMENT AND AT 7 DAYS FOR TYPE III (HIGH EARLY STRENGTH) CEMENT.

** LIGHTWEIGHT CONCRETE SHALL HAVE AN AIR DRY UNIT WEIGHT OF NOT LESS THAN 110 PCF NOR MORE THAN 115 PCF.

2. GROUT UNDER BASE PLATES AND BEDDING PLATES SHALL BE NON–SHRINKING TYPE.

3. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 (GRADE 60) UNLESS OTHERWISE NOTED.

4. DEFORMED STEEL REINFORCING BAR SIZES, NOMINAL BAR DIAMETERS AND NOMINAL CROSS SECTIONAL AREAS SHALL BE IN ACCORDANCE WITH ACI 318.

5. WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A497 (DEFORMED WIRE) FOR SIZES D 4.0 AND LARGER, AND TO ASTM A185 (PLAIN WIRE) FOR SIZES LESS THAN W 4.0.

6. DETAILING OF REINFORCING STEEL SHALL CONFORM *ACI DETAILING MANUAL* , BY THE AMERICAN CONCRETE INSTITUTE (ACI PUB. SP–66).

7. MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT (SUBJECT TO TOLERANCES PERMITTED BY CODE) IN ACCORDANCE WITH ACI 318, UNLESS OTHERWISE INDICATED.

   MINIMUM CONCRETE COVER, IN ACCORDANCE WITH ACI 318, HAS BEEN ASSUMED IN THE MEMBER STRENGTH COMPUTATIONS. CONTRACTOR SHALL NOT INCREASE THE COVER AS A MEANS TO REDUCE TENSION DEVELOPMENT LENGTHS, LD, OF BARS, UNLESS OTHERWISE NOTED.

8. SPLICING OF REINFORCEMENT IS PERMITTED ONLY AT LOCATIONS SHOWN IN THE STRUCTURAL DRAWINGS OR AS ACCEPTED.

9. LOCATION OF ALL CONSTRUCTION JOINTS SHALL MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND ACI 318. DRAWINGS SHOWING LOCATION AND DETAILS OF THE PROPOSED CONSTRUCTION JOINTS SHALL BE SUBMITTED AND ACCEPTED PRIOR TO SUBMITTING REINFORCING STEEL SHOP DRAWINGS.

10. SEE ARCHITECTURAL DRAWINGS FOR DETAIL AND LOCATION OF OPENINGS OR RECESSES IN WALLS AND SLABS AND FOR OTHER DIMENSIONS NOT SHOWN IN STRUCTURAL DRAWINGS.

    PROPOSED OPENINGS OR RECESSES IN THE STRUCTURE WHICH ARE NOT SHOWN IN THE STRUCTURAL DRAWINGS, EITHER DIRECTLY OR BY TYPICAL DETAIL, SHALL BE SUBMITTED FOR REVIEW.

11. HORIZONTAL CONDUITS ARE PERMITTED IN SLABS WHERE THE FOLLOWING REQUIREMENTS ARE MET (T = SLAB THICKNESS; FOR SLAB–ON–DECK, T = THICKNESS ABOVE DECK):

    A. T ≥ 4" ≥ (T > 3" AT SLAB–ON–DECK)

    B. CONDUIT SIZE < T/3 (T/6 WHERE TWO CONDUITS CROSS);

    C. CONDUITS ARE RUN IN A SINGLE LAYER AT MID–DEPTH IN THE SLAB THICKNESS;

    D. CONDUIT SPACING > THREE CONDUIT DIAMETERS OR WIDTHS ON CENTER; AND

    E. CONDUITS CAN BE ACCOMMODATED WITHOUT DISPLACING REINFORCEMENT FROM LOCATIONS PROVIDED IN THE CONTRACT DOCUMENTS.

    ALUMINUM CONDUIT IS PROHIBITED IN CONCRETE. CONFORM TO CONDUIT REQUIREMENTS OF ACI 318.

ISSUE:

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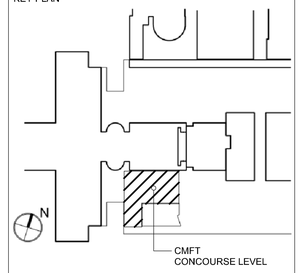
KEY PLAN



PROJECT TEAM:

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- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

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Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

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REINFORCED CONCRETE - CONT'D

16. COMPRESSION DEVELOPMENT LENGTHS (FOR GRADE 60 REBAR).

COMPRESSION DEVELOPMENT LENGTHS, LDC (INCHES)			
BAR SIZE	F'C (PSI)		
	3000	4000	5000 OR HIGHER
# 3	8	8	8
# 4	11	9	9
# 5	14	12	11
# 6	16	14	14
# 7	19	17	16
# 8	22	19	18
# 9	25	21	20
# 10	28	24	23
# 11	31	27	25
# 14	37	32	30
# 18	49	43	41

A. TABULATED VALUES ARE FOR NORMAL WEIGHT OR LIGHTWEIGHT CONCRETE, WITH OR WITHOUT EPOXY COATING.

B. FOR COMPRESSION DEVELOPMENT LENGTH OF INDIVIDUAL BARS WITHIN A BUNDLE, INCREASE LDC OF THE INDIVIDUAL BAR BY THE FOLLOWING FACTORS:

	BUNDLE FACTOR
3-BAR BUNDLE	1.20
4-BAR BUNDLE	1.33

INDIVIDUAL BAR SPLICES WITHIN A BUNDLE SHALL NOT OVERLAP.

17. TENSION DEVELOPMENT LENGTHS AND SPLICE LENGTHS:

REINFORCING BAR DEVELOPMENT LENGTHS, AS COMPUTED IN ACCORDANCE WITH ACI 318, FORM THE BASIS FOR BAR EMBEDMENT LENGTHS AND BAR SPLICE LENGTHS SHOWN IN THE DRAWINGS. FOR CONVENIENT REFERENCE, TABLES OF DEVELOPMENT LENGTHS IN TENSION, LD, ARE GIVEN HERE.

THE TABLES FOR LD ARE DIVIDED INTO CATEGORIES. CATEGORIES 1 AND 2, WHICH DEPEND ON THE TYPE OF STRUCTURAL ELEMENT, CONCRETE COVER AND THE CENTER- TO-CENTER SPACING OF THE BARS, ARE DEFINED AS:

STRUCTURAL ELEMENT	CONCRETE COVER	CATEGORY, ACCORDING TO CENTER-TO-CENTER BAR SPACING		
		$\leq 2D_B$	$\geq 2D_B$ $< 3D_B$	$\geq 3D_B$
BEAMS, COLUMNS	$< D_B$	2	2	2
	$\geq D_B$	2	1	1
ALL OTHERS	$< D_B$	2	2	2
	$\geq D_B$	2	2	1

WHERE D_B = NOMINAL DIAMETER OF A BAR.

BUNDLED BARS: FOR DETERMINING THE APPROPRIATE CATEGORIES FOR COVER AND CENTER-TO-CENTER BAR SPACING, A UNIT OF BUNDLED BARS SHALL BE TREATED AS A SINGLE BAR OF DIAMETER D_B, DERIVED FROM THE EQUIVALENT TOTAL AREA.

THE FOLLOWING NOTES APPLY TO ALL THE TABULATED VALUES OF TENSION DEVELOPMENT AND TENSION LAP SPLICES:

A. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE TO BE CAST IN THE MEMBER BELOW THE BARS. WALL HORIZONTAL BARS SHALL BE CONSIDERED TOP BARS.

B. FOR LIGHTWEIGHT CONCRETE:

FOR NON-SEISMIC MEMBERS: LD = 1.3 x (TABULATED LD FOR NORMAL WEIGHT CONCRETE)

FOR SEISMIC MEMBERS: LD = (1.25 FOR VALUES WITHIN BOLD BORDERS / 1.30 FOR OTHER VALUES) x (TABULATED SEISMIC LD FOR NORMAL WEIGHT CONCRETE)

C. FOR EPOXY-COATED BARS, INCREASE LD BY THE FOLLOWING FACTORS:

	EPOXY FACTOR	
	TOP BARS	OTHER BARS
COVER $< 3D_B$, OR CLEAR SPACING $< 6D_B$	1.3	1.5
ALL OTHERS	1.2	1.2

D. THE LENGTHS OF TENSION LAP SPLICES SHALL BE 1.3 x LD.

E. FOR DEVELOPMENT LENGTH OF INDIVIDUAL BARS WITHIN A BUNDLE, INCREASE LD OF THE INDIVIDUAL BAR BY THE FOLLOWING FACTORS:

	BUNDLE FACTOR
3-BAR BUNDLE	1.20
4-BAR BUNDLE	1.33

INDIVIDUAL BAR SPLICES WITHIN A BUNDLE SHALL NOT OVERLAP, AND SHALL BE SEPARATED BY 24 INCHES MIN.

STRUCTURAL STEEL

1. UNLESS OTHERWISE NOTED, USE THE FOLLOWING:

SHAPE	ASTM STANDARD	MINIMUM FY (KSI)
WIDE-FLANGES, TEES	A572, GRADE 50 A992, GRADE 50	50
RECTANGULAR AND SQUARE HSS	A500, GRADE C	50
ANGLES	A572	50
CONNECTION PLATE	A36	36

WHERE NOTED OTHERWISE, PROVIDE THE INDICATED MINIMUM YIELD STRESS (FOR EXAMPLE, "FY 50" MEANS A MINIMUM YIELD STRESS OF 50 KSI).

2. ALL FORCES GIVEN IN THE STRUCTURAL DRAWINGS FOR STEEL MEMBERS ARE FACTORED FORCES, UNLESS OTHERWISE NOTED.

3. UNLESS SPECIFICALLY NOTED TO THE CONTRARY, ALL BOLTED CONNECTIONS SHALL BE MADE PRE-TENSIONED BEARING TYPE CONNECTIONS WITH A325 OR A490 BOLTS. THE MINIMUM NUMBER OF ROWS OF BOLTS FOR FRAMED CONNECTIONS SHALL BE BASED ON BEAM DEPTH AS TABULATED BELOW. WHERE NO REACTION IS PROVIDED IN THE DRAWINGS, THE CONNECTION SHALL BE PROPORTIONED TO CARRY THE FORCES TABULATED BELOW:

MINIMUM CONNECTION REQUIREMENTS			
NOMINAL DEPTH OF BEAM OR GIRDER	MINIMUM NUMBER OF ROWS OF BOLTS	MINIMUM VERTICAL REACTION, KIPS (FACTORED LOADS)	
		CONNECTED TO BEAM, GIRDER OR WALL	CONNECTED TO COLUMN OR BRACING
8	2	14	24
10	2	17	24
12	2	20	36
14, 15, 16	3	36	49
18	3	49	76
21, 24	4	62	91
27, 30	5	74	101
33, 36	6	85	123

5. REINFORCING SHALL BE PROVIDED TO BEAMS AT CONNECTIONS WHERE CUTS HAVE REDUCED THE SHEAR OR MOMENT CAPACITY BELOW THAT REQUIRED TO SUSTAIN THE REACTIONS. FLANGES AND WEBS SHALL BE REINFORCED WHERE THE LOCAL CAPACITY TO SUSTAIN CONNECTION LOADS IS INADEQUATE.

6. ELECTRODES, FLUX AND SHIELDING GAS SHALL PROVIDE PHYSICAL PROPERTIES AFTER WELDING EQUIVALENT TO OR BETTER THAN E7018 LOW HYDROGEN ELECTRODES.

7. CAMBER WHERE REQUIRED IS INDICATED BY "C" IN PLANS, FOLLOWED BY THE ORDINATE, IN INCHES. WHERE NO CAMBER IS INDICATED, MEMBERS SHALL BE FABRICATED AND PLACED WITH NATURAL CAMBER UP.

8. PROVIDE 5/16" THICK OR THICKER SHELF ANGLES AT COLUMNS, WALLS AND BEAMS AS REQUIRED TO PROVIDE END AND SIDE DECK SUPPORTS.

9. DOUBLE ANGLE MEMBERS SHALL HAVE LONG LEGS BACK-TO-BACK UNLESS OTHERWISE NOTED.

10. DOUBLE ANGLE MEMBERS IN CONTACT WITH EACH OTHER SHALL BE CONNECTED BY SLIP-CRITICAL BOLTS OR INTERMITTENT WELDS AT A SPACING NOT TO EXCEED 24".

DOUBLE ANGLE MEMBERS SEPARATED FROM ONE ANOTHER BY INTERMITTENT FILLERS SHALL BE CONNECTED TO ONE ANOTHER BY SLIP-CRITICAL BOLTS OR WELDS AT THESE FILLERS SUCH THAT THE SLENDERNESS RATIO, L/R, OF EITHER SHAPE, BETWEEN THE FASTENERS, DOES NOT EXCEED 0.75 TIMES THE GOVERNING SLENDERNESS RATIO, L/R, OF THE BUILT-UP MEMBER. THE LEAST RADIUS OF GYRATION, R, SHALL BE USED IN COMPUTING THE SLENDERNESS RATIO OF EACH COMPONENT PART.

AT LEAST TWO INTERMEDIATE CONNECTORS SHALL BE USED ALONG THE LENGTH OF THE DOUBLE-ANGLE MEMBER.

11. FILLET WELDS ON GUSSET PLATES, SEATED CONNECTIONS AND OTHER PLATE EXTENSIONS SHALL BE RETURNED AROUND THE ENDS OF THE PLATE FOR PLATES EXPOSED TO WEATHER.

12. ERECTION AIDS AND DEVICES ARE NOT SHOWN HEREIN. THE DETAILING OF THESE DEVICES IS THE RESPONSIBILITY OF CONTRACTOR.

STRUCTURAL DESIGN CRITERIA

PLAZA LOADING SHOWN BELOW WAS ASSUMED BASED ON SIMILAR PLANTED AREA ADJACENT TO THE AREA OF WORK. ACTUAL DEPTH OF SOIL AT PLANTED AREAS TO BE CONFIRMED PRIOR TO START OF WORK AND COMPARED TO ASSUMED LOADING. SOIL DEPTH IS ASSUMED TO BE 1'-1". NOTIFY ENGINEER OF ANY DISCREPANCIES.

ASSUMED PLAZA LOADING SCHEDULE		
AREA	PLANTERS	PAVERS
CONSTRUCTION DEAD LOAD (PSF)		
3" LT. WT. CONC. ON 3" M.D.	47	47
CDL TOTAL (PSF)	47	47
SUPERIMPOSED DEAD LOAD (PSF)		
CEILING	7	7
SUSPENDED MEP	5	5
EPS INSULATION	3	3
WATERPROOFING	5	5
FINISH (PAVERS)	–	30
LANDSCAPING SOIL + PLANTS	130	–
SDL TOTAL (PSF)	150	50
LIVE LOAD (PSF)	100	100

ISSUE:
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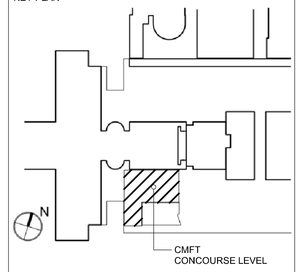
KEY PLAN



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A&J Consulting Engineering Services
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The Lighting Practice
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Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

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1906
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GENERAL NOTES AND STRUCTURAL DESIGN CRITERIA

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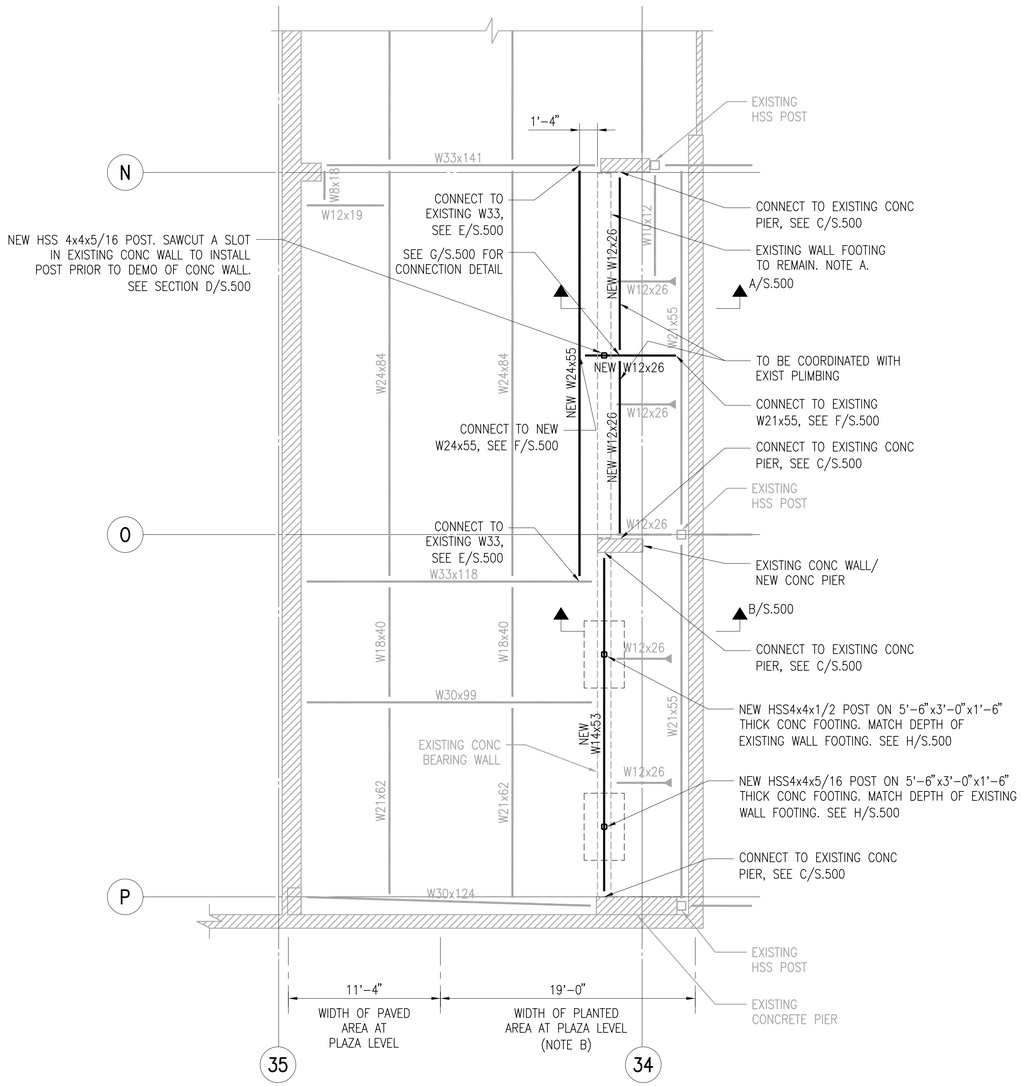
REFERENCE NOTES:

A. CONTRACTOR TO EXPOSE EXISTING WALL FOOTING FOR OBSERVATION BY ENGINEER PRIOR TO START OF WORK. ENGINEER TO CONFIRM EXISTING FOOTING IS ADEQUATE FOR NEW POST LOADING. EXISTING FOOTING IS ASSUMED TO BE 2'-0" WIDE.

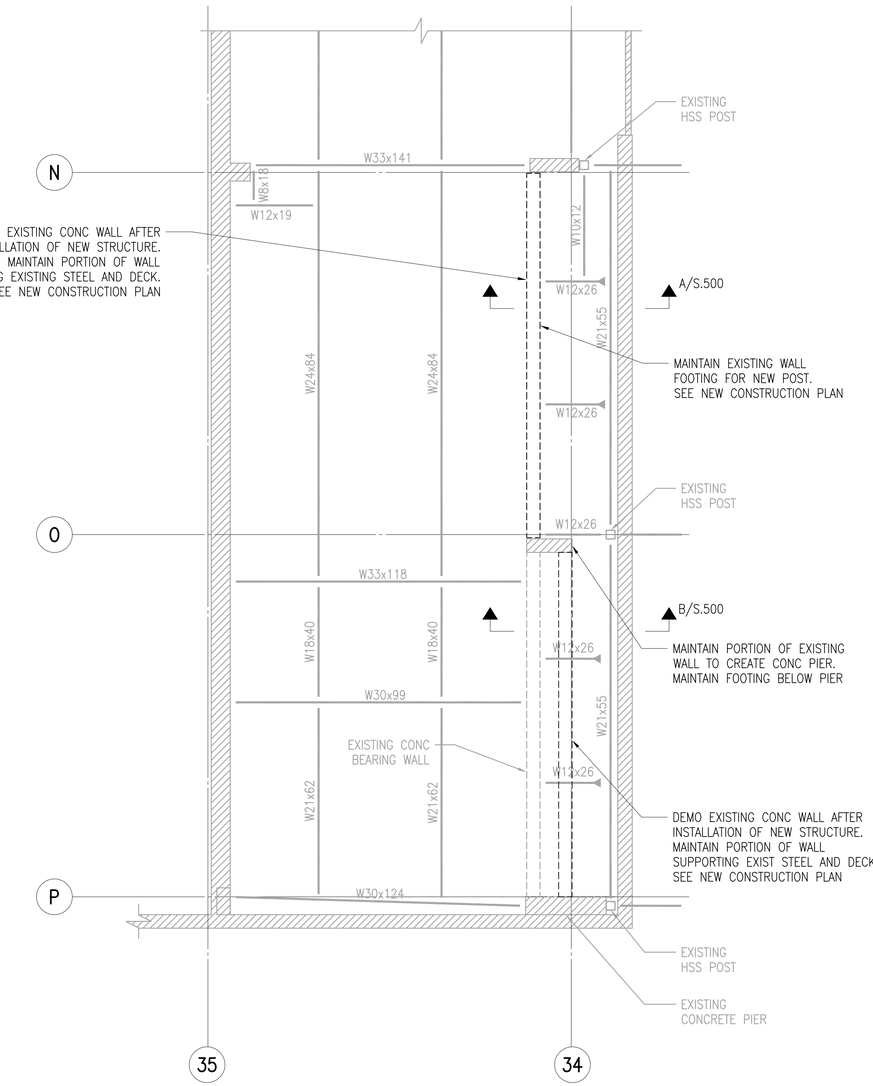
B. PLAZA LOADING WAS ASSUMED BASED ON SIMILAR PLANTED AREA ADJACENT TO THE AREA OF WORK. ACTUAL DEPTH OF SOIL AT PLANTED AREAS TO BE CONFIRMED PRIOR TO THE START OF WORK. REFER TO NOTES STRUCTURAL DESIGN CRITERIA NOTES ON S-002.

NOTES:

1. EXISTING STRUCTURE SHOWN FADED. NEW WORK SHOWN IN BOLD.
2. ALL DIMENSIONS INDICATED SHALL BE VERIFIED IN FIELD.
3. EXISTING STRUCTURAL STEEL IS SPRAY FIREPROOFED. REMOVE AS NECESSARY TO INSTALL NEW STEEL AND REPLACE IN KIND. NEW STEEL SHALL BE SPRAY FIREPROOFED.
4. NEW STRUCTURE TO BE COMPLETELY INSTALLED PRIOR TO DEMOLITION OF EXISTING CONCRETE WALLS.



2 PLAZA FRAMING - NEW CONSTRUCTION PLAN
SCALE: 3/16" = 1'-0"



1 PLAZA FRAMING - DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

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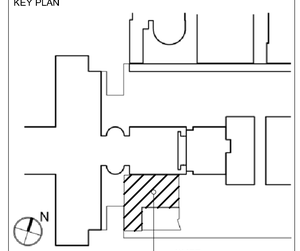

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417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

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PLAZA FRAMING - DEMOLITION AND NEW CONSTRUCTION

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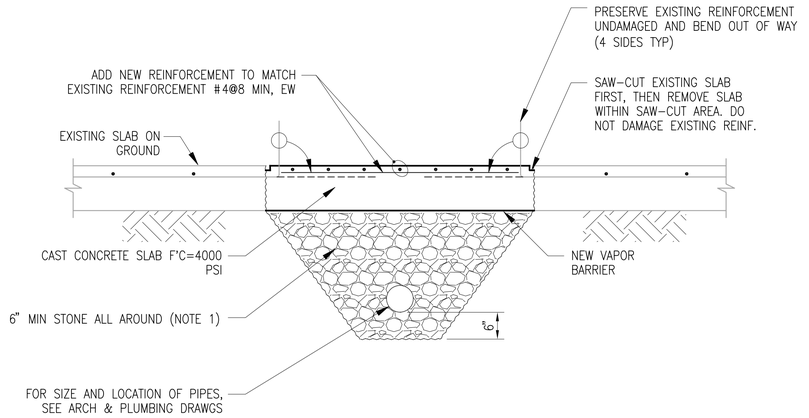

NOTE:

1) PROVIDE CLEANOUTS FOR THE EASY FLUSHING OF ALL PIPE RUNS.

A TYPICAL TRENCHING DETAIL

SCALE: 3/4" = 1'-0"

ISSUE:

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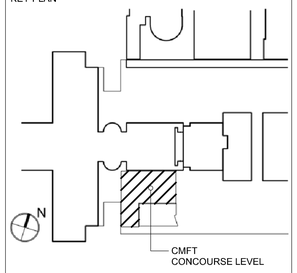

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TYPICAL DETAILS

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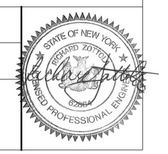
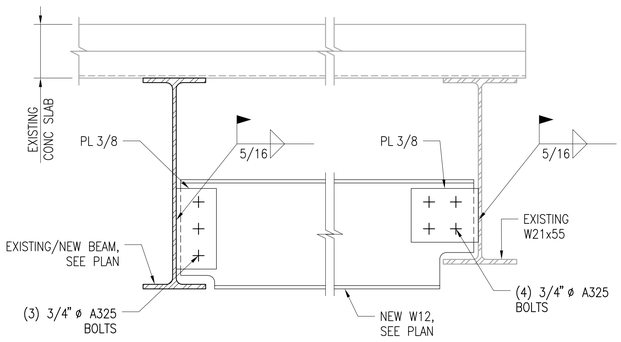
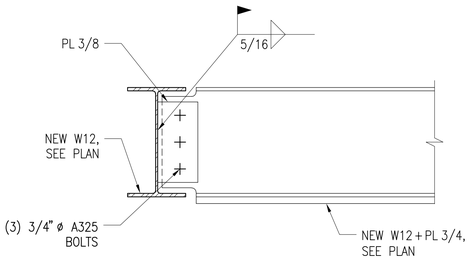
S.300





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



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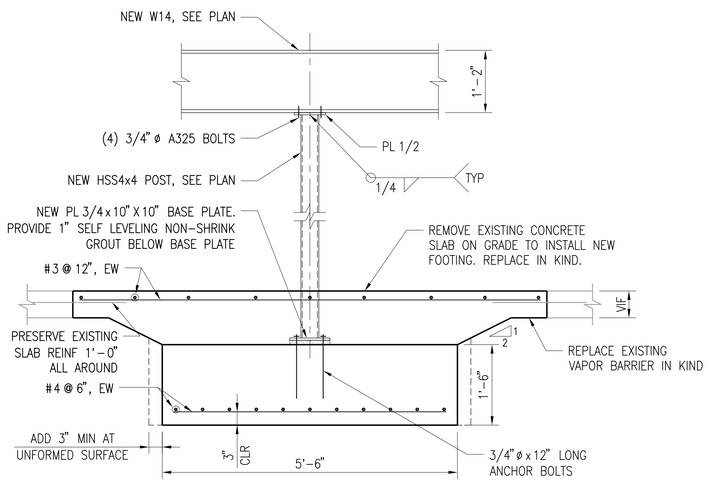
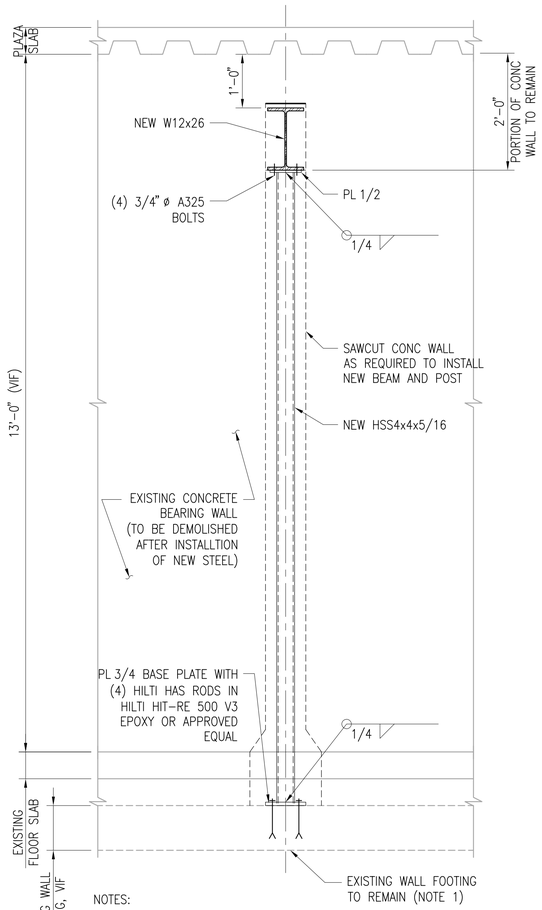


NOTES:

1. PRESUMED ALLOWABLE SOIL BEARING PRESSURE IS 4000 PSF.

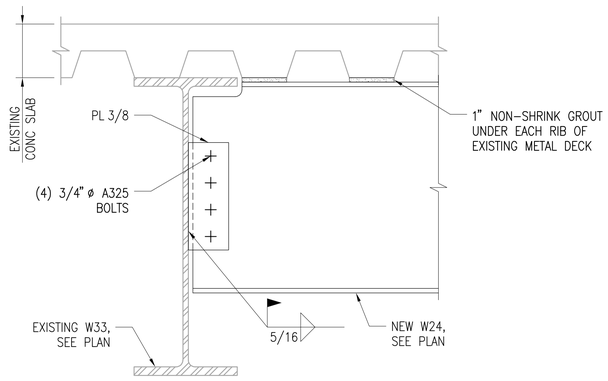
H SCALE: 3/4" = 1'-0"



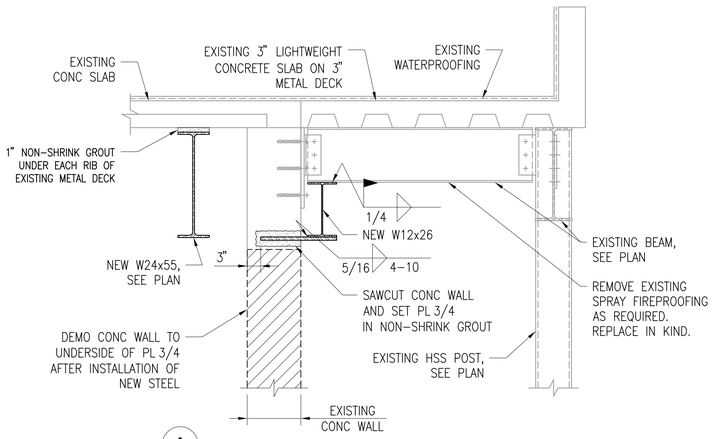
NOTES:

1. CONTRACTOR TO EXPOSE EXISTING WALL FOOTING FOR OBSERVATION BY ENGINEER PRIOR TO START OF WORK. ENGINEER TO CONFIRM EXISTING FOOTING IS ADEQUATE FOR NEW POST LOADING. EXISTING FOOTING IS ASSUMED TO BE 2'-0" WIDE.

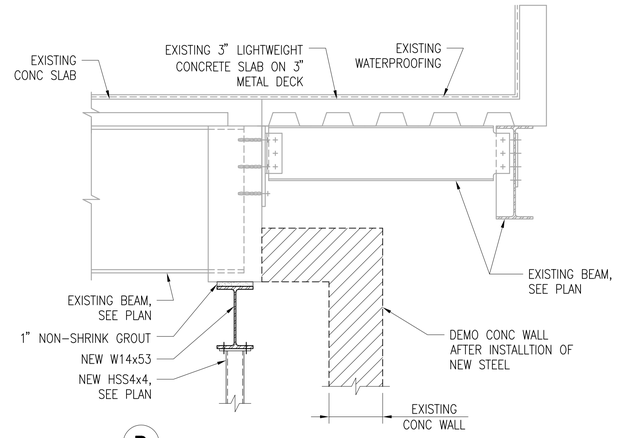
D SCALE: 3/4" = 1'-0"



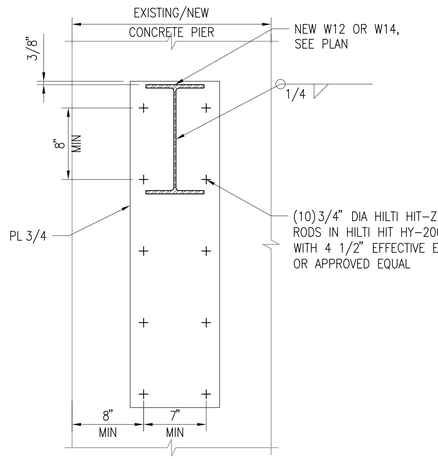
E SCALE: 1 1/2" = 1'-0"



A SCALE: 3/4" = 1'-0"



B SCALE: 3/4" = 1'-0"

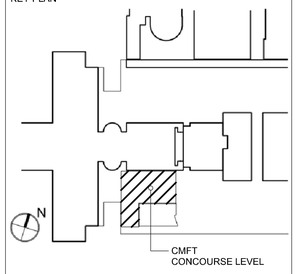


C SCALE: 1 1/2" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

SECTIONS AND DETAILS

SCALE:

DATE:
12 JUNE 2023

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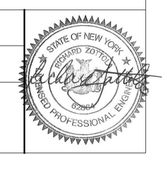
S.500



MECHANICAL ABBREVIATIONS:

AD	ACCESS DOOR
AFC	ABOVE FALSE CEILING
AFF	ABOVE FINISHED FLOOR
AL	ACOUSTICAL LINING
BDD	BACK DRAFT DAMPER
BG	BOTTOM GRILLE
CAV	CONSTANT AIR VOLUME
CC	COOLING COIL
CD	CEILING DIFFUSER
CG	CEILING GRILLE
COD	CLEAN OUT DOOR
CR	CEILING REGISTER
CFM	CUBIC FEET OF AIR PER MINUTE
CP	CONDENSATE DRAIN
EL	ELEVATION
EF	EXHAUST FAN
ERV	ENERGY RECOVERY VENTILATOR
FD	FIRE DAMPER AND ACCESS DOOR
FSD	FIRE SMOKE DAMPER AND ACCESS DOOR
FCU	FAN COIL UNIT
FC	FLEXIBLE CONNECTION
HC	HEATING COIL
LPS	LOW PRESSURE STEAM
LPR	LOW PRESSURE STEAM CONDENSATE RETURN
MBH	THOUSAND BTU'S PER HOUR
NK	NECK (AS RELATED TO DUCT & DIFFUSER)
NIC	NOT IN THIS CONTRACT
NTS	NOT TO SCALE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OAD	OUTSIDE AIR DAMPER
OAI	OUTSIDE AIR INTAKE
OED	OPEN END DUCT WITH WMS
RA	RETURN AIR
SD	SMOKE DAMPER AND ACCESS DOOR
SA	SOUND ATTENUATOR
TEF	TOILET EXHAUST FAN
TW	THERMOMETER WELL
TD	TRANSFER DUCT
TO	TRANSFER OPENING
TG	TOP GRILLE
TR	TOP REGISTER
TRG	TRANSFER GRILLE
TRR	TRANSFER REGISTER
FTR	FIN TUBE RADIATOR
MD	MOTORIZED DAMPER
HL	HEATING LOAD IN MBH
AL	ACTIVE LENGTH IN FEET
LTGS	LOW TEMPERATURE GLYCOL SUPPLY
LTGR	LOW TEMPERATURE GLYCOL RETURN

MECHANICAL SYMBOL LIST:

- EXISTING WORK TO REMAIN (WORK SHOWN IN LIGHT)
- EXISTING WORK TO BE REMOVED
- NEW WORK (WORK SHOWN IN DARK)
- CONNECT NEW TO EXISTING
- POINT OF DISCONNECTION
- TS — TEMPERATURE SENSOR
- TB — BACNET THERMOSTAT
- TS H — COMBINATION TEMPERATURE SENSOR/HUMIDITY SENSOR
- T — THERMOSTAT (SPACE) DIGITAL
- T — THERMOSTAT (DUCT)
- H — HUMIDISTAT
- P — DIFFERENTIAL PRESSURE SENSOR
- S — SWITCH
- Fz — FREEZESTAT
- SUPPLY AIR OUTLET, 4 WAY

- EXHAUST AND RETURN DIFFUSER
- SUPPLY AIR DIFFUSER
- DUCT SECTION UNDER POSITIVE PRESSURE
- DUCT SECTION UNDER NEGATIVE PRESSURE (RETURN)
- DUCT SECTION UNDER NEGATIVE PRESSURE (EXHAUST)
- DUCTWORK GOING UP
- DUCTWORK GOING DOWN
- SOUND LINING IN DUCT
- SD — SMOKE DAMPER WITH DUCT ACCESS DOOR. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE ACCESS DOORS IN INACCESSIBLE LOCATIONS
- FIRE SMOKE DETECTOR
- FSD — FIRE SMOKE DAMPER WITH DUCT ACCESS DOOR. COORDINATE WITH GC TO PROVIDE ACCESS DOORS AT ACCESSIBLE LOCATION.
- FD — FUSIBLE LINK FIRE DAMPER WITH ACCESS DOOR. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE ACCESS DOORS IN INACCESSIBLE LOCATIONS
- 18 x 12 — DUCT SIZE - FIRST SIZE INDICATES PLAN SIZE
- A.D. — ACCESS DOOR IN DUCT
- DUCT FLEXIBLE CONNECTION
- VD — VOLUME DAMPER
- SPIN-IN FITTING WITH VOLUME DAMPER
- L — LOUVER DOOR
- U — TRANSFER AIR THRU UNDERCUT
- THERMOMETER
- BDD — BACK DRAFT DAMPER
- RETURN REGISTER
- SUPPLY REGISTER
- Z-DUCT
- RETURN GRILL WITH FLEX BOOT DUCT

NOTE:
ALL ABBREVIATIONS AND SYMBOLS MAY NOT APPEAR ON THE DRAWINGS FOR THIS PROJECT.

MECHANICAL PIPING SYMBOL LIST:

- CHILLED WATER SUPPLY
- CHILLED WATER RETURN
- HOT WATER SUPPLY
- HOT WATER RETURN
- THERMOMETER
- S/R — HOT WATER SUPPLY OR RETURN RISER; RISER NUMBER
- AHU XX — EQUIPMENT TYPE; EQUIPMENT NUMBER
- PUMP
- STRAINER 'Y' TYPE WITH BLOWDOWN VALVE
- PIPE UP
- PIPE DOWN
- COMBINATION BALANCING & SHUT-OFF VALVE
- SHUT-OFF VALVE
- SHUT-OFF VALVE WITH CAPPED DRAIN FITTING
- THROTTLING VALVE
- CHECK VALVE
- CIRCUIT SETTER VALVE
- AUTOMATIC 2-WAY CONTROL VALVE
- AUTOMATIC 3-WAY CONTROL VALVE
- ELECTRIC CONTROL VALVE
- CONTROL VALVE STATION
- EJ — PIPE EXPANSION JOINT
- UNION
- ECCENTRIC REDUCER
- RELIEF VALVE
- BUTTERFLY VALVE
- PLUG FOR PRESSURE GAUGE & THERMOMETER CONNECTION
- THERMOMETER
- MANUAL AIR VENT
- A — AUTOMATIC AIR VENT
- PRESSURE GAUGE
- PRESSURE RELIEF VALVE
- ARROW INDICATES DIRECTION OF FLOW
- COLD WATER MAKE UP LINE
- —A— AIR LINE
- —V— VENT LINE
- PD — PUMPED CONDENSATE DRAIN
- D — DRAIN LINE
- ARROW INDICATES DIRECTION OF FLOW
- DP — DIFFERENTIAL PRESSURE TRANSMITTER
- SD — SUCTION DIFFUSER
- M — MOTORIZED VALVE
- CALIBRATED BALANCING VALVE

GENERAL CONSTRUCTION NOTES:

1. THE INTENT OF THE CONTRACT DOCUMENTS IS TO ALLOW FOR THE PERFORMANCE OF THE WORK. EVERY ITEM NECESSARILY REQUIRED MAY NOT BE SPECIFICALLY MENTIONED OR SHOWN. UNLESS EXPRESSLY STATED, ALL SYSTEMS AND EQUIPMENT SHALL BE COMPLETED AND APPROPRIATELY OPERABLE. FURNISH AND INSTALL ALL SPECIFIED AND APPROPRIATE ITEMS, AND ALL INCIDENTAL, ACCESSORY, AND OTHER ITEMS NOT SPECIFIED BUT REQUIRED FOR A COMPLETE AND FINISHED ASSEMBLY.
2. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ISSUES, THE CONTRACTOR SHALL SUBMIT THEM, IN WRITING, TO THE ENGINEER AND IS RESPONSIBLE FOR OBTAINING A WRITTEN CLARIFICATION FROM THE ENGINEER BEFORE PROCEEDING WITH WORK IN QUESTION, OR RELATED WORK.
3. EXECUTE WORK IN ACCORDANCE WITH ANY AND ALL APPLICABLE LOCAL, STATE, FEDERAL CODES, MANUFACTURER'S RECOMMENDATIONS, NFPA AND ASME.
4. ALL INSTALLED PLUMBING, MECHANICAL, AND ELECTRICAL EQUIPMENT SHALL OPERATE QUIETLY AND FREE OF VIBRATION.
5. ALL MATERIALS SHALL BE NEW, UNUSED, AND OF THE HIGHEST QUALITY IN EVERY RESPECT UNLESS OTHERWISE NOTED. MANUFACTURED MATERIALS AND EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS, U.O.N.
6. VERIFY IN THE FIELD, THAT NO CONFLICTS EXIST WHICH WOULD PROHIBIT THE LOCATION OF ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL, LIGHTING, PLUMBING, AND SPRINKLER EQUIPMENT (TO INCLUDE ALL REQUIRED PIPING, DUCTWORK, AND CONDUIT) AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF ABOVE EQUIPMENT ARE PROVIDED.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR WORK WITH ITS COMPLETION AND FINAL ACCEPTANCE AND SHALL REPLACE ANY OF SAME WHICH MAY BE DAMAGED, LOST OR STOLEN, WITHOUT ADDITIONAL COSTS TO THE OWNER.
8. ALL WELDING/BURNING WORK SHALL BE PROPERLY VENTILATED AND PURGED.
9. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND ARE INTENDED TO CONVEY THE SCOPE OF WORK AND INDICATE GENERAL ARRANGEMENT OF EQUIPMENT, DUCTS, CONDUITS, PIPING AND FIXTURES. LOCATIONS OF ALL ITEMS SHOWN IN THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. DO NOT SCALE DRAWINGS. CONTRACTOR IS RESPONSIBLE TO SUBMIT SHOP DRAWINGS AFTER COORDINATION WITH OTHER TRADES AND VERIFYING FIELD CONDITIONS. THE CONTRACTOR MAY OBTAIN THE CAD FILES FOR THE FLOOR PLANS AND REFLECTED CEILING PLANS FROM THE ARCHITECT MUST GENERATE OWN SHOP DRAWINGS ON CAD FOR M-E-P-FP TRADES BASED ON THE FIELD CONDITIONS AND /OR COORDINATION WITH OTHER TRADES. EQUIPMENT LOCATIONS, ROUTING OF DUCTWORK, PIPING AND ELECTRICAL WIRES, CONDUITS AND CABLES, ETC. SHALL SECURE THE BEST CONDITIONS AND RESULTS AND SHALL BE DETERMINED BY THE CONTRACTOR AT THE PROJECT. SHOP DRAWINGS SHALL HAVE THE APPROVAL OF THE ARCHITECT/ENGINEER BEFORE PROCUREMENT AND INSTALLATION OF ANY ITEM.
10. THIS CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ELECTRICAL INSTALLATION TO PREVENT CONFLICT WITH CLEARANCES AND MAINTENANCE SPACE REQUIREMENTS OF ELECTRICAL EQUIPMENT. MECHANICAL EQUIPMENT, DUCT WORK, PIPING OR SUPPORTS FOR MECHANICAL EQUIPMENT SHALL NOT BE INSTALLED IN THE DEDICATED ELECTRICAL SPACE ABOVE ELECTRICAL EQUIPMENT, INCLUDING SWITCHBOARDS, PANELBOARDS, TRANSFORMERS AND CONTROL PANELS. DEDICATED ELECTRICAL SPACE IS THE SPACE DIRECTLY ABOVE THE ELECTRICAL EQUIPMENT EQUAL IN WIDTH AND DEPTH OF THE ELECTRICAL EQUIPMENT AND FROM THE TOP OF THE ELECTRICAL EQUIPMENT TO THE STRUCTURAL DECK OF FLOOR ABOVE. SIMILARLY, MECHANICAL EQUIPMENT, DUCTWORK, PIPING OR SUPPORTS FOR MECHANICAL EQUIPMENT SHALL NOT BE INSTALLED IN THE DEDICATED WORKING SPACE DIRECTLY IN FRONT OF THE ELECTRICAL EQUIPMENT, MINIMUM 30" WIDE OR EQUAL IN WIDTH OF THE ELECTRICAL EQUIPMENT, 3'-0" DEEP AND FROM FLOOR TO THE STRUCTURAL DECK OF FLOOR ABOVE OR THE CEILING.

SPECIAL INSPECTIONS

SPECIAL INSPECTIONS REQUIRED UNDER THIS APPLICATION IN ACCORDANCE WITH CHAPTER 17 AND THE APPLICABLE SECTIONS OF THE NYS CONSTRUCTION CODE ARE LISTED IN THE FOLLOWING TABLES. SPECIAL INSPECTIONS FOR PORTIONS OF THE WORK THAT ARE FILED UNDER SEPARATE APPLICATION ARE NOT LISTED HERE AND ARE TO BE LISTED ON THOSE APPLICATIONS BY THE CONTRACTOR'S APPLICANT OF RECORD.

THE "AUTHORITY" SHALL BE RESPONSIBLE FOR THE FOLLOWING SPECIAL INSPECTIONS:

FIRE-RESISTANT PENETRATIONS AND JOINTS	ASTM E2174, ASTM E814, UL 1479	BC 1705.17,

BUILDING DEPARTMENT NOTES

1. HEATING SYSTEM DESIGN AS PER 2020 NYS 2020 MECHANICAL AND BUILDING CODE.
2. FIRE STOPPING FOR PIPES AND DUCTS PASSING THROUGH FIRE RATED CONSTRUCTION SHALL COMPLY WITH 2020 NYS BC CHAPTER 07.
3. ALL MECHANICAL PLANS COMPLY WITH 2020 NYS MC SECTION 106.
4. SPACING OF HANGERS AND SUPPORTS SHALL CONFORM WITH NYS 2020 MC 305.

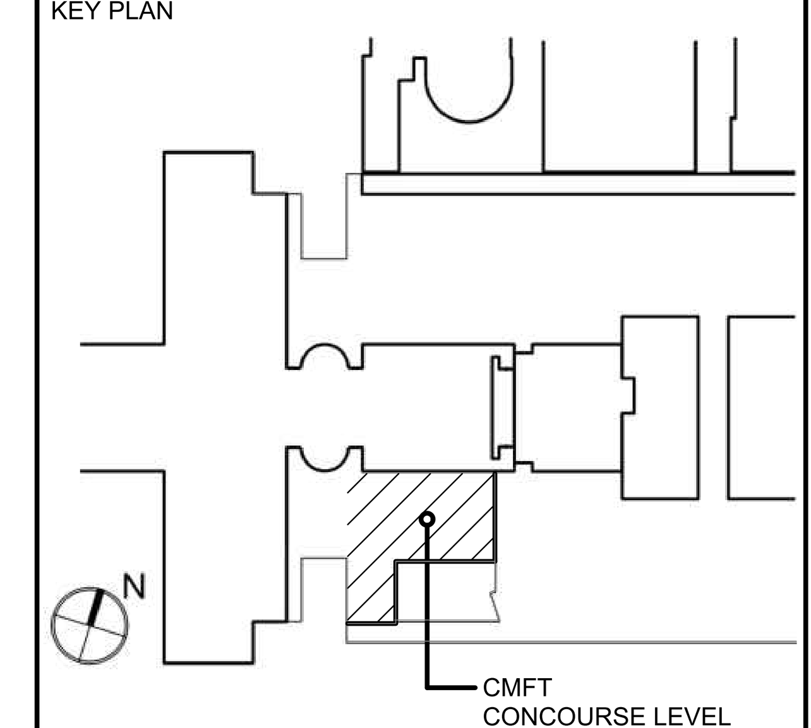
SUMMARY OF WORK :

THE PROJECT SCOPE OF WORK INCLUDE THE FOLLOWING :
1. PROVIDE FOUR (4) FAN COIL UNIT
2. DUCT WORK (SUPPLY ,RETURN, FRESH AIR & EXHAUST)
3. PROVIDE TWO (2) ENERGY RECOVERY VENTILATOR UNITS
4. PROVIDE FOUR (4) SOUND ATTENUATION DEVICE FOR FAN COIL UNITS
5. CHILLED WATER PIPES AND VALVES PER CONTRACT DOCUMENTS
6. HOT WATER PIPES AND VALVES PER CONTRACT DOCUMENTS
7. CONTROL INTEGRATION OF NEW FAN COIL UNITS AND ENERGY RECOVERY VENTILATOR INTO EXISTING BMS

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

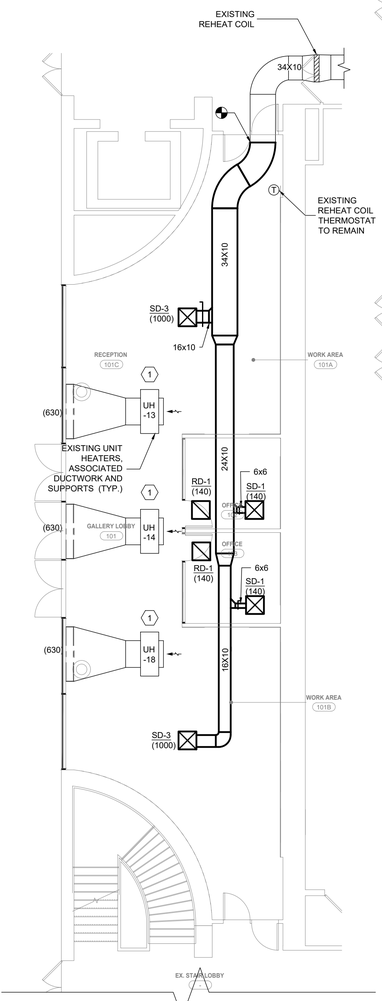
HVAC SYMBOL, ABBREVATION AND NOTES

SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
M001.00

FOR CONTINUATION SEE BELOW



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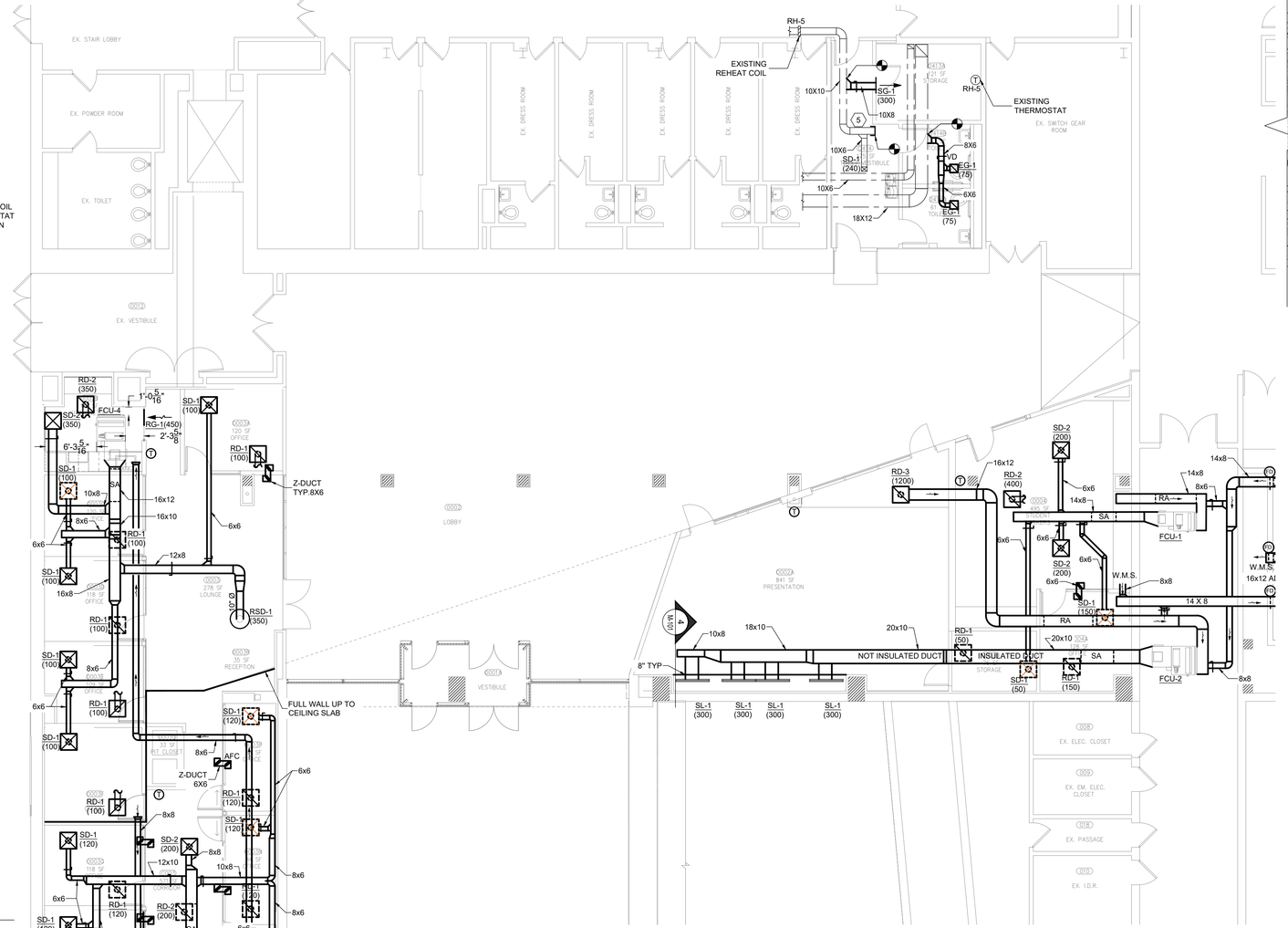
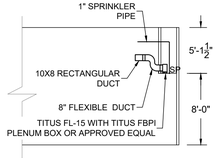


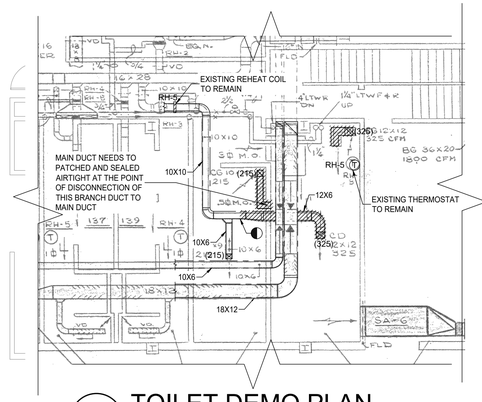
1 M101 HVAC CONCOURSE LEVEL DEMO AND NEW DUCTWORK PLAN

1/8" = 1'-0"



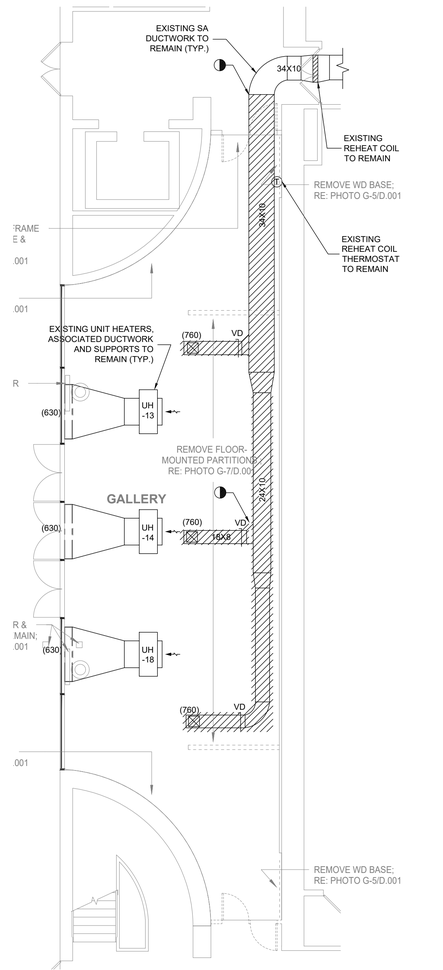
4 M101 SECTION

1/8" = 1'-0"



2 M101 TOILET DEMO PLAN

1/8" = 1'-0"



3 M101 GALLERY AREA DEMO PLAN

1/8" = 1'-0"

06/08/2023

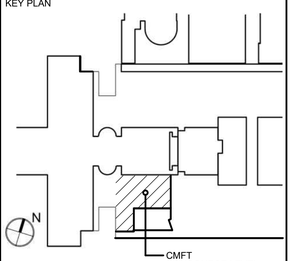
SHEET NOTE:

1. ALL CONTROL SYSTEMS, WIRING, PIPING, AND DUCTWORK ASSOCIATED WITH UH-13, UH-14, UH-18 SHALL REMAIN IN PLACE, PROTECTED AND OPERATIONAL THROUGH-OUT THE COURSE OF CONSTRUCTION.
2. RETURN GRILL TO BE CONNECTED TO FLEXABOOT, WHICH WILL THEN TRANSFER AIR TO ZEE-DUCT THROUGH CEILING SPACE.
3. REFER TO ARCHITECTURAL DRAWINGS FOR LOUVER DETAILS.
4. CONTRACTOR SHALL PROVIDE FULL FACE INSULATED PLENUM BOX 26"X26" BEHIND LOUVER.
5. CONTRACTOR SHALL PROVIDE END CAP

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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1906
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Purchase, NY 10577

DRAWING TITLE:

HVAC CONCOURSE LEVEL DEMO AND NEW DUCTWORK PLAN

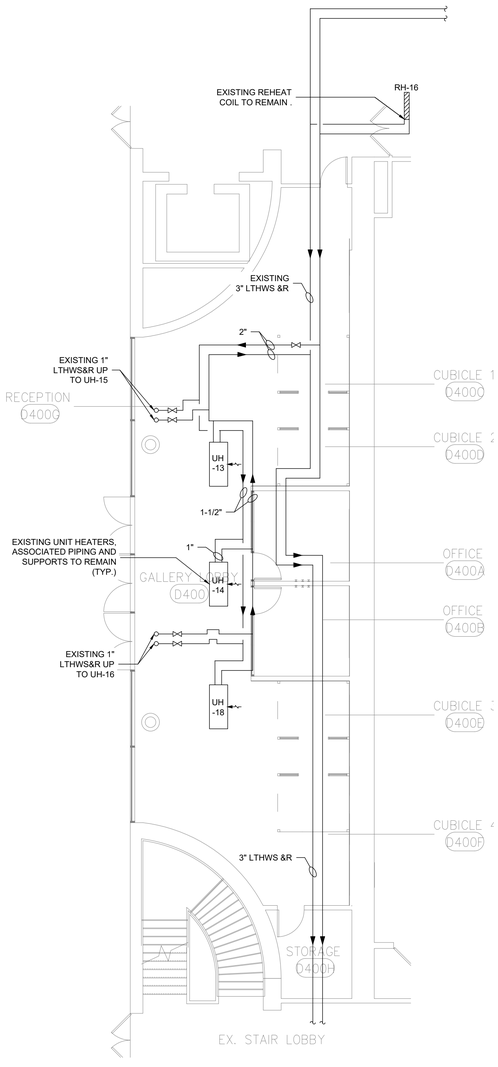
SCALE: As indicated

DATE: 12 JUNE 2023

DRAWING NO.: **M101.00**

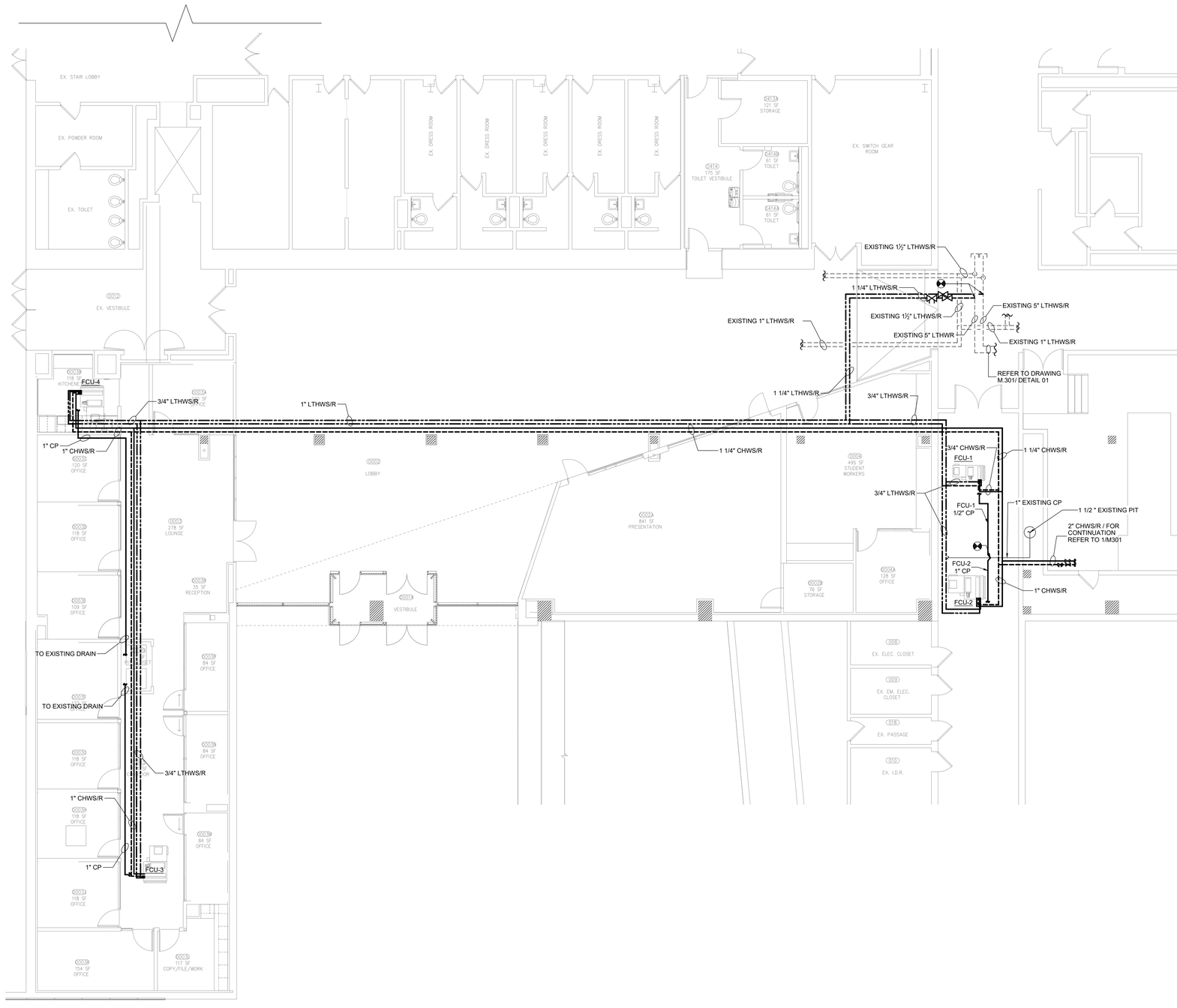
STATE OF NEW YORK — VIRGINIA K. AGARWAL — No. 071758 — LICENSED PROFESSIONAL ENGINEER

A & J PROJECT No. 2301



2 M201 GALLERY AREA EXISTING PIPING PLAN (REFERENCE ONLY)

1/8" = 1'-0"



1 M201 HVAC CONCOURSE LEVEL PIPING PLAN

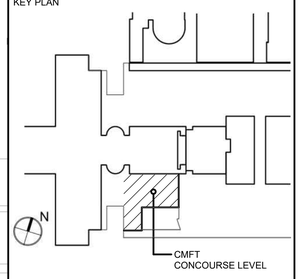
1/8" = 1'-0"

06/08/2023

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Purchase, NY 10577

DRAWING TITLE:

HVAC CONCOURSE LEVEL PIPING PLAN

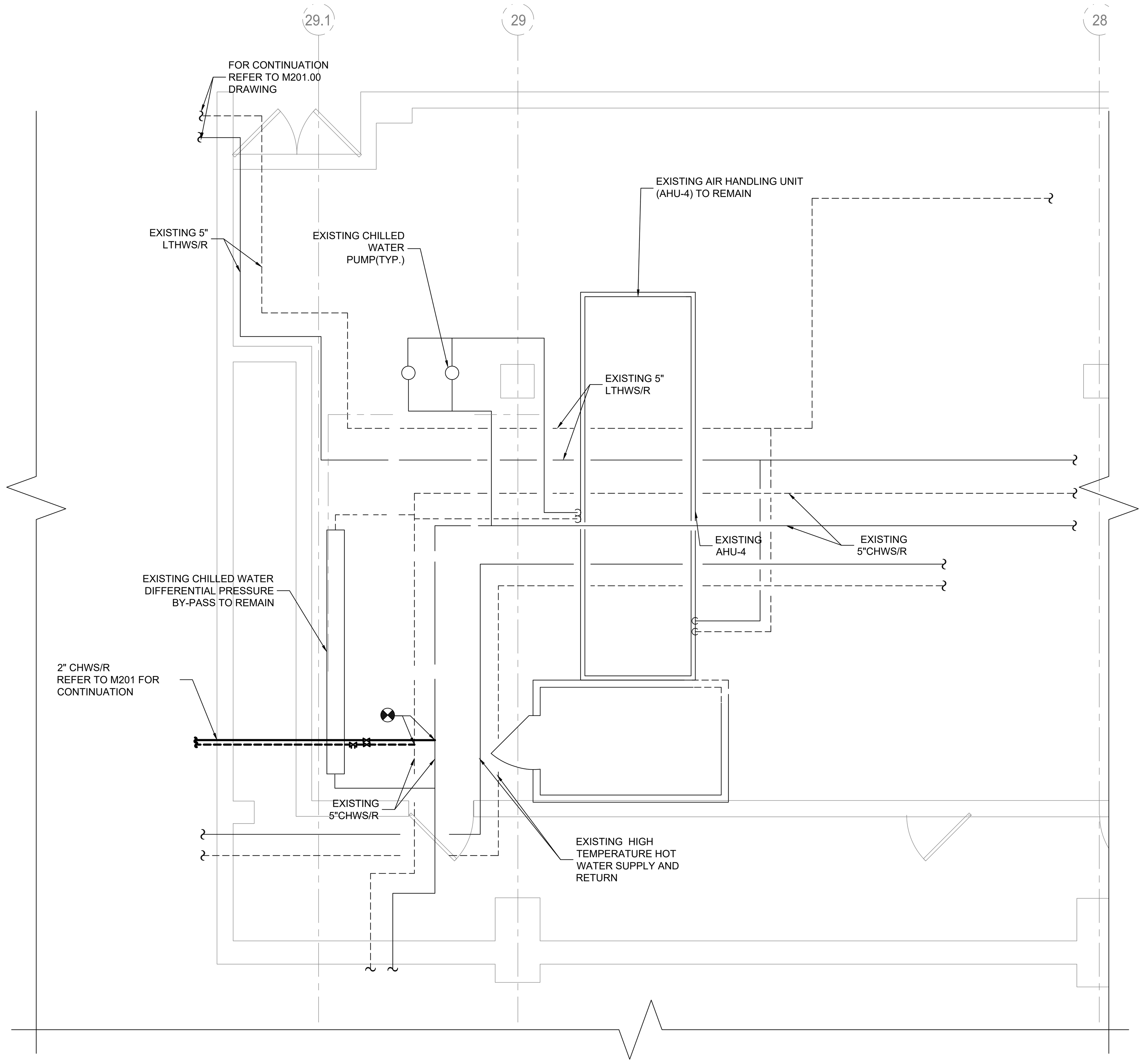
SCALE:
As indicated

DATE:
12 JUNE 2023

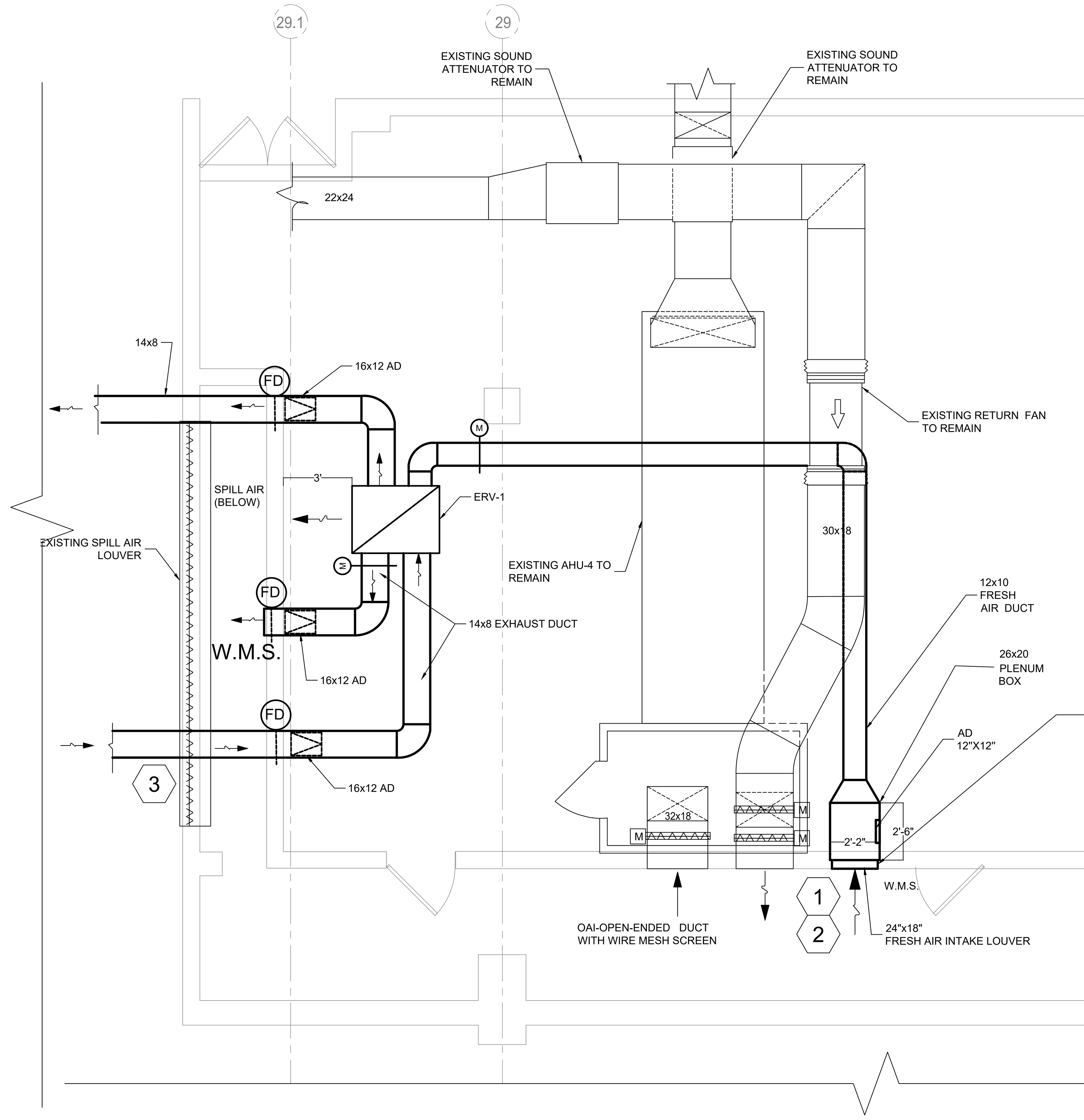
DRAWING NO.:
M201.00

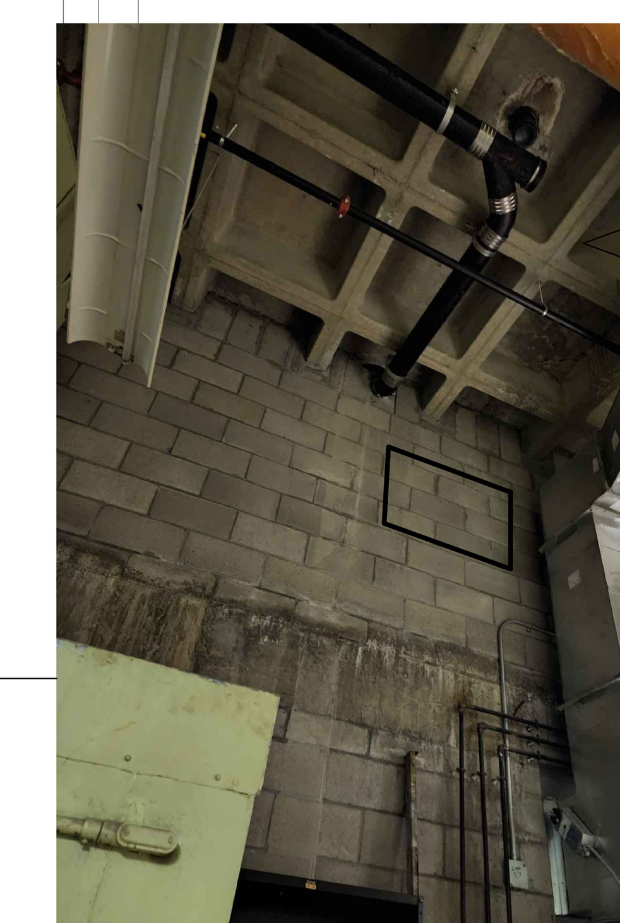
STATE OF NEW YORK · DEBORA K. ACARREGUI · No. 071158 · LICENSED PROFESSIONAL ENGINEER

A & J PROJECT No. 2301



1
M301
# ENLARGED MECHANICAL PIPING PART PLAN
scale = 1/4"=1'-0"





2
M301
# ENLARGED MECHANICAL DUCTWORK PART PLAN
scale = 1/4"=1'-0"

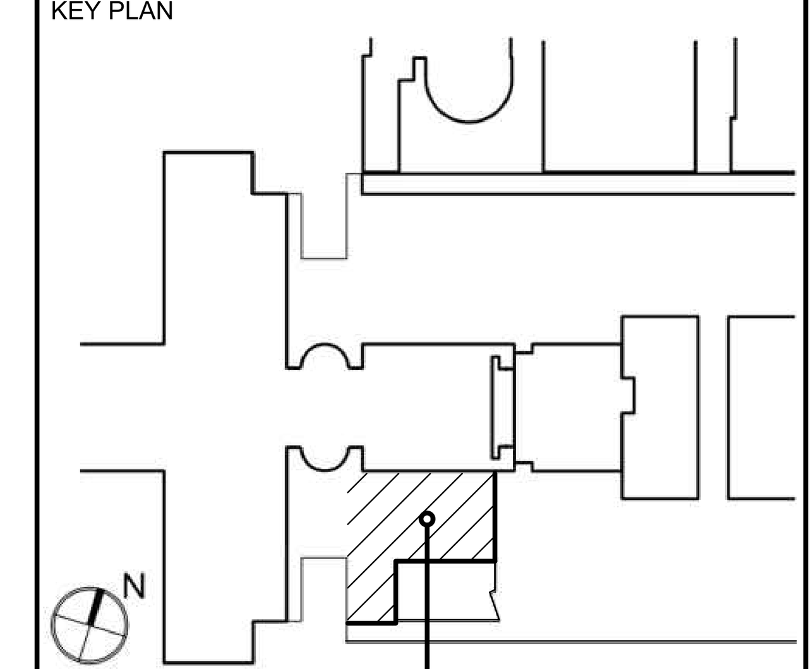
SHEET NOTE:

1. REFER TO ARCHITECTURAL DRAWINGS FOR LOUVER DETAILS.
2. CONTRACTOR SHALL PROVIDE FULL FACE INSULATED PLENUM BOX BEHIND LOUVER.
3. CONTRACTOR SHALL CREATE AN OPENING BY CUTTING AN EXISTING LOUVER. CONTRACTOR IS RESPONSIBLE TO FABRICATE RAILING/FRAMING AROUND AN OPENING.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

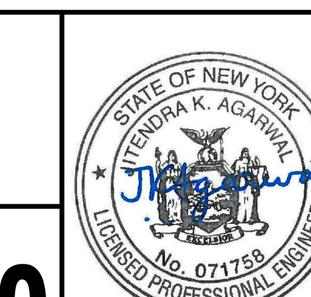
Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
ENLARGED MECHANICAL PLAN

SCALE:
As indicated
DATE:
12 JUNE 2023
DRAWING NO.:
M301.00



06/08/2023

A & J PROJECT No. 2301

FAN COIL UNIT SCHEDULE

BASED ON TRANE OR APPROVED EQUAL.

UNIT TAG	SERVICE ROOM	MODEL NUMBER	FAN								COOLING WATER COIL									HEATING WATER COIL					WEIGHT LBS	REMARKS
			AIR VOLUME CFM	OUTSIDE AIR CFM	E.S.P. IN. H20	HP	ELECTRICAL SUPPLY VOLTS/PHASE/Hz	WATTS	AMPS	FAN SPEED RPM	TOTAL CAPACITY BTUH	SENSIBLE CAPACITY BTUH	ENTERING DB/WB °F	LEAVING DB/WB °F	NUMBER OF ROWS	ENTERING WATER °F	LEAVING WATER °F	FLOW RATE GPM	WATER P.D. FT/H20	FLOW RATE GPM	WATER T-IN / T-OUT	HEATING BTUH	AIR FLOW CFM	AIR T-IN / T-OUT		
FCU-1	EAST SIDE	BCHE018	600	200	0.75	0.5	208/3/60	204	2.4	1496	22680	17300	81.7/67.6	55/54.23	-	45	50.24	8.65	10.72	2.7	180/160	27216	600	53/95	152.2	
FCU-2	ORIENTATION	BCHE036	1200	400	0.75	1	208/3/60	665	4.6	1693	47300	36200	82.9/68.8	55/54.43	-	45	54.21	10.24	15.43	5.8	180/160	58320	1200	50/95	230.2	
FCU-3	WEST-NORTH SIDE	BCHE036	1200	300	0.75	1	208/3/60	820	4.6	1771	40380	32600	79.20/65.30	54/53.33	-	45	53.32	9.78	14.22	4.5	180/160	45360	1200	60/95	230.2	
FCU-4	WEST-SOUTH SIDE	BCHE036	1200	300	0.75	1	208/3/60	820	4.6	1771	40380	32600	79.20/65.30	54/53.33	-	45	53.32	9.78	14.22	4.4	180/160	43416	1200	61.50/95	230.2	

ENERGY RECOVERY VENTILATION SCHEDULE

BASED ON "GREEN HECK" OR APPROVED EQUAL.

UNIT NO.	MODEL NO.	LOCATION	DIMENSIONS (L X W X H) (INCH)	APPROX. WEIGHT (LB)	QTY.	FAN DATA										ENERGY RECOVERY DATA												ELECTRICAL DATA			FILTER DATA						REMARKS
						SUPPLY-AIR AIRFLOW					EXHUAST-AIR AIRFLOW					SUMMER/COOLING						WINTER/HEATING									OUT DOOR AIR			ROOM AIR			
																OUTDOOR AIR		SUPPLY AIR		RETURN AIR		OUTDOOR AIR		FRESH AIR		ROOM AIR										
						FRESH AIR CFM	ESP	MOTOR HP	VFD	RPM	EXHAUST AIR CFM	ESP	MOTOR HP	VFD	RPM	DRY BULB	WET BULB	DRY BULB	WET BULB	DRY BULB	WET BULB	DRY BULB	WET BULB	DRY BULB	WET BULB	DRY BULB	WET BULB	V-PH-HZ	MOP(A)	MCA	TYPE	SIZE (IN)	RATING	TYPE	SIZE (IN)	RATING	
ERV-1	MINIVENT - 750	EAST SIDE MECH ROOM	45.9 X 35.3 X 24.2	240	1	600	1	3/4	NO	1725	600	1	3/4	NO	1725	94	77.7	78.9	66.4	75.0	62.5	10	7.7	58.2	47.4	72.0	55.8	208-1-60	15	12.5	PLEATED	2",1-16X20	MERV-8	PLEATED	2",1-16X20	MERV-8	SEE NOTES 1
ERV-2	MINIVENT - 750	WEST SIDE	45.9 X 35.3 X 24.2	240	1	600	1	3/4	NO	1725	600	1	3/4	NO	1725	94	77.7	78.9	66.4	75.0	62.5	10	7.7	58.2	47.4	72.0	55.8	208-1-60	15	12.5	PLEATED	2",1-16X20	MERV-8	PLEATED	2",1-16X20	MERV-8	SEE NOTES 1

NOTES:

1. PROVIDE ERV UNIT WITH REMOTE ON/OFF CONTROLER. CONTROLLER SHALL HAVE CAPABILITY TO RECEIVE ON/OFF SIGNAL FROM BAS SYSTEM.
2. PROVIDE UNIT WITH INTEGRAL FROST CONTROL SYSTEM. UPON DETECTION OF THE FROST UNIT SHALL BE CAPABLE TO PERFORM THE FROST PROTECTION OPERATION.

AIR OUTLETS AND INLETS

BASIS OF DESIGN: TITUS

TYPE DESIGNATION	SERVICE	SPECIFICATION TYPE	MAX CFM	FACE SIZE (INCHES)	NECK SIZE (INCHES)	MODEL NUMBER	USE	NOISE CRITERIA AT MAX CFM	REMARKS
	CEILING DIFFUSER	SD-1	0-200	24x24	6"Ø	TMSA	SEE PLANS	25	SEE NOTES 1, 2
	CEILING DIFFUSER	SD-2	201-350	24x24	8"Ø	TMSA	SEE PLANS	28	SEE NOTES 1, 2
	CEILING DIFFUSER	SD-3	900-1000	24X24	15"Ø	TMSA	SEE PLANS	31	SEE NOTES 1, 2
	CEILING RETURN	RD-1	0-200	24X24	6"Ø	TMSA	SEE PLANS	25	SEE NOTES 1, 2
	CEILING RETURN	RD-2	201-350	24X24	8"Ø	TMSA	SEE PLANS	28	SEE NOTES 1, 2
	SUPPLY REGISTER	SG-1	0-114	6X6	-	300 RS	SEE PLANS	15	SEE NOTES 1,2,3
	LINEAR SLOT DIFFUSER SUPPLY	SL-1	300-400	-	8"Ø	FL-15	SEE PLANS	16	SEE NOTES 1,2,3
	CEILING RETURN	RD-3	1200	24X24	16"Ø	TMSA	SEE PLANS	28	SEE NOTES 1, 2
	ROUND SUPPLY DIFFUSER	RSD-1	315-550	22Ø	12"Ø	TMRA	SEE PLANS	18	SEE NOTES 1,2,3
	RETURN REGISTER	RG-1	149-745	-	24X10	350 R	SEE PLANS	14	SEE NOTES 1,2,3
	EXHAUST REGISTER	EG-1	0-76	6X6	12X12	23 R	SEE PLANS	19	SEE NOTES 1,2,3

NOTES:

1. ALL DIFFUSERS & REGISTERS: CONTRACTOR SHALL COORDINATE WITH LATEST ARCHITECTURAL REFLECTED CEILING PLANS TO ENSURE PROPER AIR DEVICE BORDER SELECTION .
2. COORDINATE COLOR/FINISH WITH ARCHITECT.
3. 3/4" SPACING, 35 DEGREE DEFLECTION.

SOUND ATTENUATOR SCHEDULE

BASIS OF DESIGN: VIBRO ACOUSTIC

TAG	QUANTITY	SYSTEM	TYPE (NOTE 1)	AIR FLOW CFM	FACE VELOCITY FPM	IDEAL DP IN.W.G (NOTE 3)	LENGTH	Octave Band - Hz/Dynamic Insertion Loss (dB)								MODEL NUMBER	REMARKS
								63	125	250	500	1000	2000	4000	8000		
FCU-1 DISCHAGE	1	FAN COIL UNIT	RD	600	+738	0.09	36	5	8	14	18	20	17	13	10	RD-MLV-F3	-
FCU-1 RETURN	1	FAN COIL UNIT	RD	600	-738	0.08	60	5	12	20	29	29	21	14	12	RD-MHV-F3	-
FCU-2,3&4 DISCHAGE	3	FAN COIL UNIT	RD	1200	+949	0.08	48	4	8	14	18	19	15	13	10	RD-MV-F2	-
FCU-2 RETURN	1	FAN COIL UNIT	RD	1200	-949	0.06	72	5	12	19	25	23	17	14	11	RD-MV-F2	-

NOTES:

1. TYPE R - RECTANGULAR D - DISSIPATIVE
2. VELOCITY SHOWN IS +(FORWARD FLOW) OR - (REVERSE FLOW) AS DEFINED BY ASTM E477-20 .
3. IDEAL PRESSURE DROP AS DETERMINED PER ASTM E477-20 IN A NVLAP-ACCREDITED ACOUSTICAL LABORATORY .
4. PRESSURE DROP PER ASTM E477-20 PLUS SYSTEM EFFECTS FOR NEARBY DUCT ELEMENTS.

06/08/2023

ISSUE:
BID DOCUMENTS

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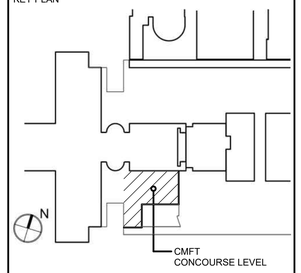
KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for
Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

HVAC SCHEDULES

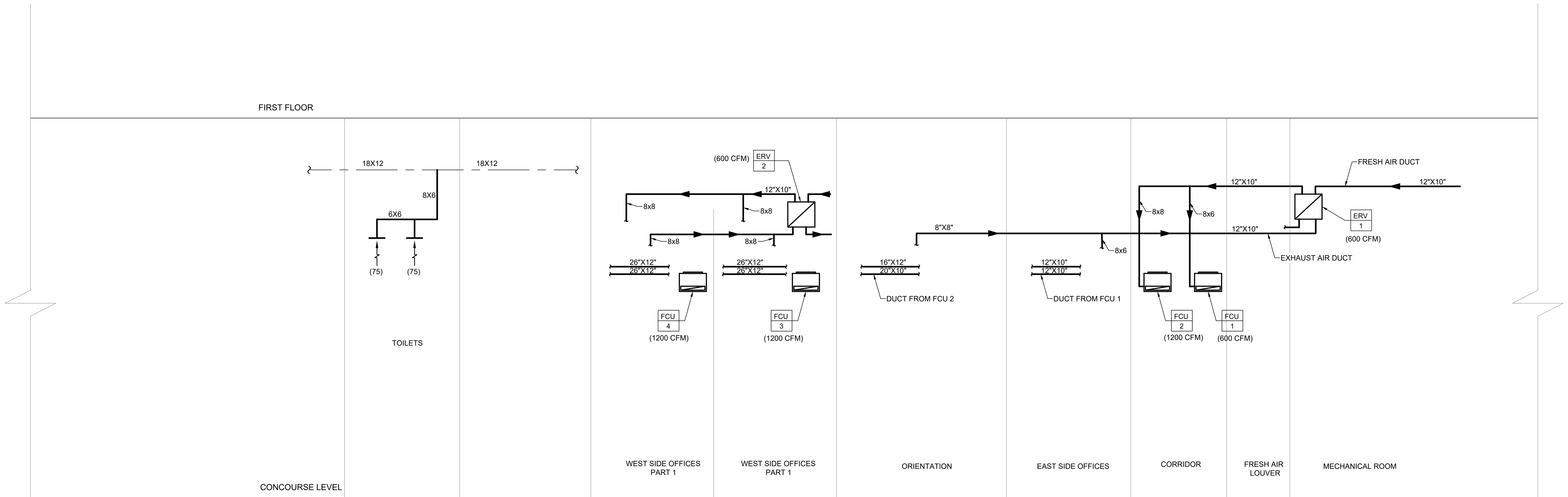
SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
M401.00

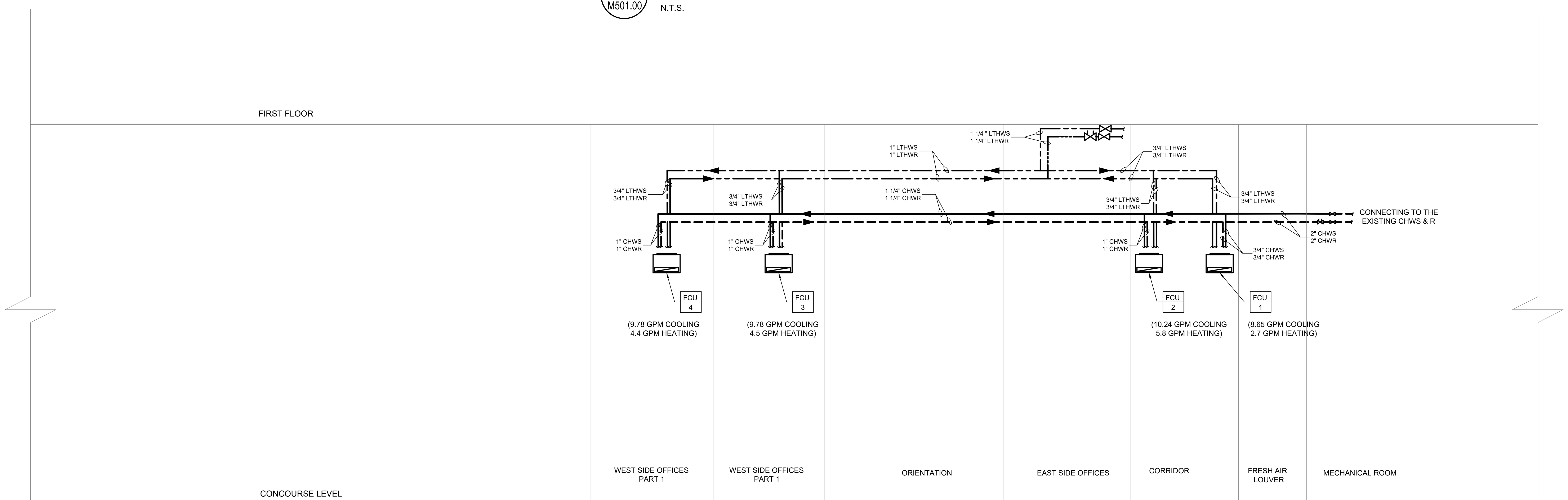
STATE OF NEW YORK · KENDRA K. AGNEW · LICENSED PROFESSIONAL ENGINEER · No. 071758

A & J PROJECT No. 2301



1 M501.00 HVAC AIRFLOW DIAGRAM

N.T.S.



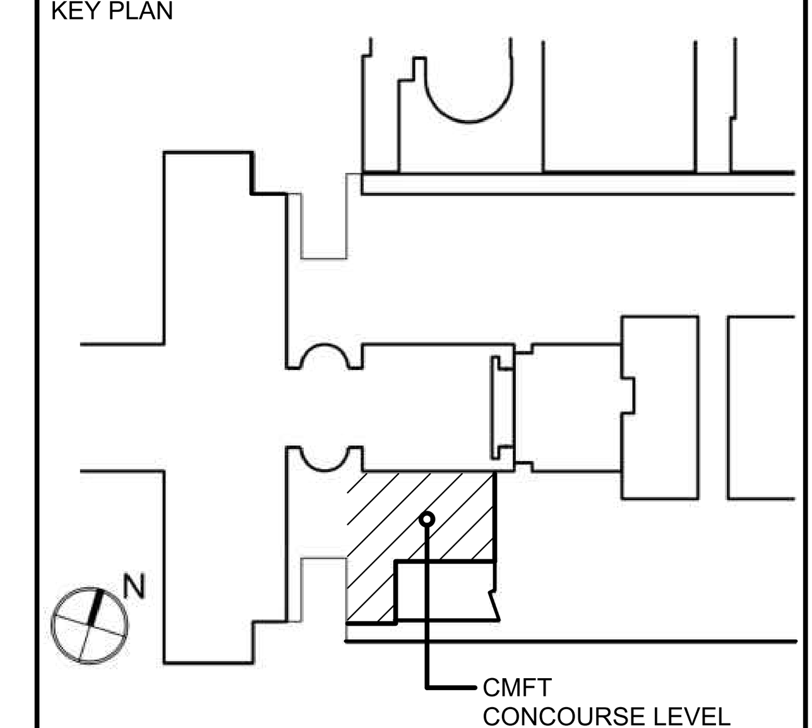
2 M501.00 HVAC CHILLED & HOT WATER RISER DIAGRAM

N.T.S.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
HVAC AIRFLOW AND HOT WATER RISER DIAGRAM

SCALE:
As indicated

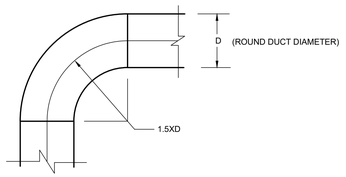
DATE:
12 JUNE 2023

DRAWING NO.:
M501.00

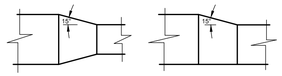
STATE OF NEW YORK · LICENSED PROFESSIONAL ENGINEER · No. 071758

06/08/2023

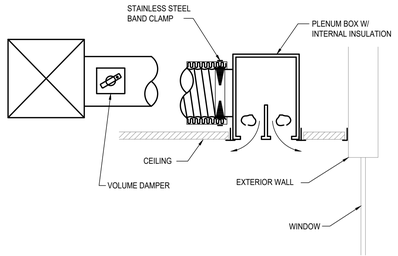
A & J PROJECT No. 2301



1 M601 ROUND ELBOW
N.T.S.

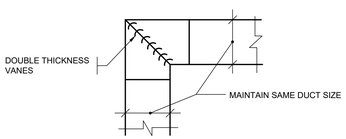


2 M601 TRANSITIONS DETAIL
N.T.S.



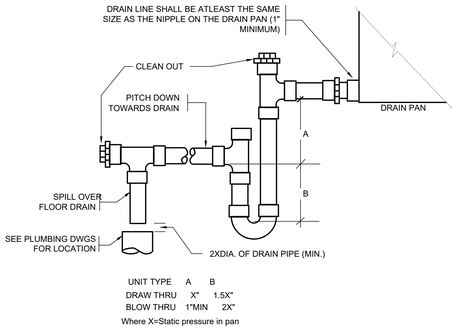
NOTE: WHERE VOLUME DAMPERS ARE INACCESSIBLE DUE TO CEILING TYPE AND/OR DAMPER LOCATION, PROVIDE REMOTE DAMPER OPERATOR. COORDINATE CEILING TYPES WITH ARCHITECTURAL REFLECTED CEILING PLAN.

3 M601 LINEAR DIFFUSER DETAIL
N.T.S.



ELBOWS 8" AND SMALLER SHALL BE RADIUS ELBOWS ONLY.

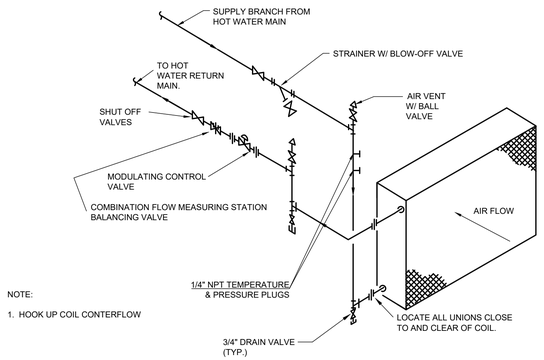
4 M601 SQUARE ELBOW WITH TURN VANES
N.T.S.



UNIT TYPE	A	B
DRAW THRU	X"	1.5X"
BLOW THRU	1"MIN	2X"

Where X=Static pressure in pan

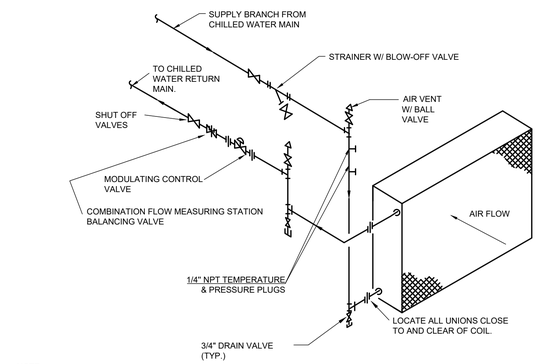
5 M601 FCU DRAIN TRAP DETAIL
N.T.S.



NOTE:

1. HOOK UP COIL CONTERFLOW

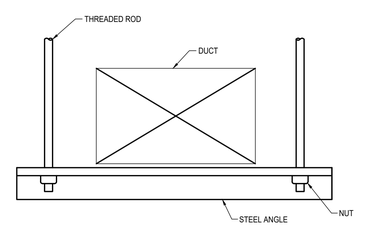
6 M601 FCU HEATING COIL CONNECTION DETAIL
N.T.S.



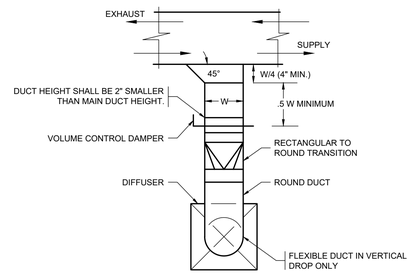
NOTE:

1. HOOK UP COIL CONTERFLOW

7 M601 FCU COOLING COIL CONNECTION DETAIL
N.T.S.



8 M601 DUCT TRAPEZE HANGER DETAIL
N.T.S.



9 M601 CEILING DIFFUSER CONNECTION DETAIL
N.T.S.

ISSUE:
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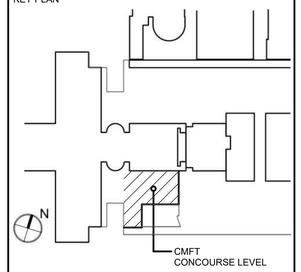

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Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for
Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

HVAC STANDARD DETAILS 1 OF 2

SCALE:
As indicated

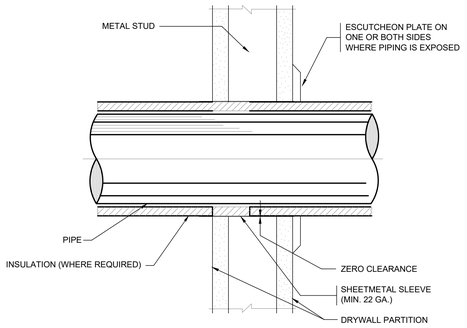
DATE:
12 JUNE 2023

DRAWING NO.:
M601.00

STATE OF NEW YORK · JITENDRA K. AGARWAL · No. 071189 · LICENSED PROFESSIONAL ENGINEER

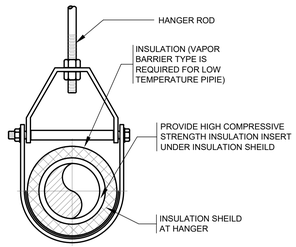
06/08/2023

A & J PROJECT No. 2301



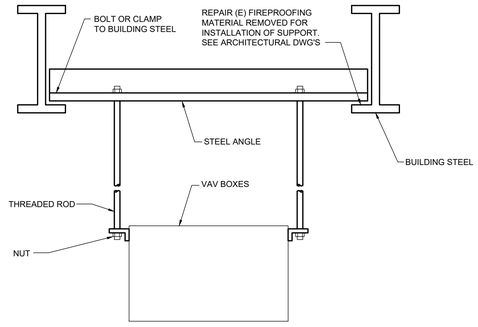
1 M602 PIPE PENETRATION IN INTERIOR WALL/FLOOR/CEILING

N.T.S.



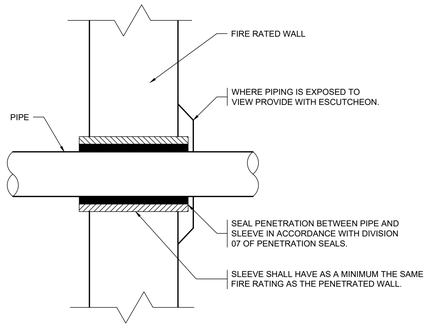
2 M602 ADJUSTABLE CLEVIS HANGER DETAIL

N.T.S.

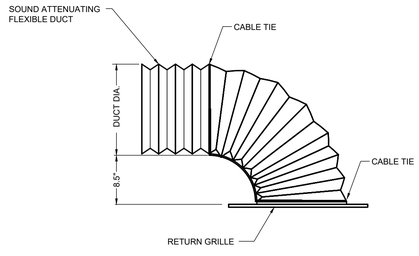


3 M2.01 ERV / FCU SUPPORT DETAIL

N.T.S.



4 M602 DETAIL OF PIPE PENETRATION THRU RATED WALL SHOWN (SLAB PENETRATION SIMILAR)



5 M602 FLEX-A- BOOT RETURN GRILLE

N.T.S.

ISSUE:
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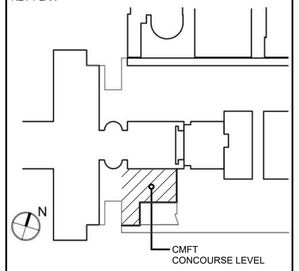
NO.	DATE	REVISION

KEY PLAN



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- A Perkins Eastman Studio
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LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

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1906
SUNY Purchase College
Purchase, NY 10577

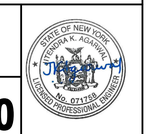
DRAWING TITLE:

HVAC STANDARD DETAILS 2 OF 2

SCALE:
As indicated

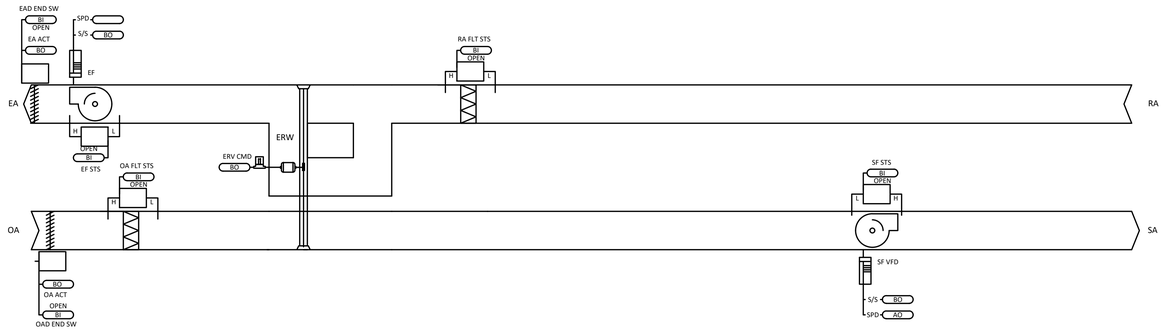
DATE:
12 JUNE 2023

DRAWING NO.:
M602.00



06/08/2023

A & J PROJECT No. 2301



1 M701 N.T.S.

TYPICAL CONTROL ENERGY RECOVERY VENTILATOR

ERV FLOW - SYSTEM POINTS LIST

CONTROLLER: EXISTING ATC FIELD INSTALLED UNIT CONTROLLER	POINT TYPE								ALARMS					
SYSTEM POINT DESCRIPTION	GRAPHIC	HARDWARE INPUT	HARDWARE OUTPUT	SOFTWARE POINT	HARDWIRE INTERLOCK	WIRELESS	NETWORK	DEFAULT VALUE	HIGH ANALOG LIMIT	LOW ANALOG LIMIT	BINARY	LATCH DIAGNOSTIC	SENSOR FAIL	COMMUNICATION FAIL
DISCHARGE AIR TEMPERATURE	X	AI							X	X			X	
ENERGY WHEEL LEAVING OUTDOOR AIR TEMPERATURE	X	AI							X	X			X	
EXHAUST AIR TEMPERATURE	X	AI							X	X			X	
MIXED AIR TEMPERATURE LOCAL	X	AI												
OUTDOOR AIR RELATIVE HUMIDITY LOCAL	X	AI												
OUTDOOR AIR TEMPERATURE LOCAL	X	AI												
RETURN AIR TEMPERATURE LOCAL	X	AI							X	X			X	
RETURN DUCT/SPACE PRESSURE	X	AI												
EXHAUST FAN STATUS OPEN	X	BI												
OUTDOOR AIR DAMPER POSITION STATUS OPEN	X	BI												
RETURN AIR DIRTY FILTER ALARM OPEN	X	BI									X			
SUPPLY FAN STATUS OPEN	X	BI												
ENERGY WHEEL EXHAUST AIR BYPASS DAMPER COMMAND	X		AO											
ENERGY WHEEL OUTSIDE AIR BYPASS DAMPER COMMAND	X		AO											
EXHAUST FAN SPEED OUTPUT COMMAND	X		AO											
SUPPLY FAN SPEED COMMAND	X		AO											
ENERGY WHEEL COMMAND	X		BO											
EXHAUST FAN START STOP COMMAND	X		BO											
EXHAUST/RETURN DAMPER COMMAND	X		BO											
OUTDOOR AIR DAMPER COMMAND	X		BO											
SUPPLY FAN START STOP COMMAND	X		BO											
UNOCCUPIED COOLING SETPOINT				X				80.0 deg. F						
UNOCCUPIED HEATING SETPOINT				X				65.0 deg. F						
DISCHARGE AIR COOLING SETPOINT				X				55.0 deg. F						
DISCHARGE AIR HEATING SETPOINT				X				80.0 deg. F						
RETURN DUCT/SPACE PRESSURE SETPOINT				X				1.00 inches of W.C.						
POWER EXHAUST FAN VFD SETPOINT				X				80%						
CONDENSER COIL TEMPERATURE SETPOINT	X			X				105.0 deg. F						
BAS COMMUNICATION STATE	X			X										
EVAPORATOR LEAVING TEMPERATURE SETPOINT				X				53.0 deg. F	45.0 deg. F	75.0 deg. F				

SEQUENCE OF OPERATIONS
ERV FLOW

BUILDING AUTOMATION SYSTEM INTERFACE:
THE BUILDING AUTOMATION SYSTEM (BAS) SHALL SEND THE ERV REMOTE CONTROLLER THE ON/OFF SIGNAL.

ON/OFF OPERATION:
REMOTE CONTROLLER SHALL RECEIVE ON/OFF SIGNAL BASED ON THE STATUS OF THE CONNECTED FAN COIL UNITS TO TURN ERV ON/OFF. THE ERV SHALL BE ENERGIZED WHEN ANY ONE OF THE FAN COIL UNIT IS SCHEDULED TO BE ENERGIZED.

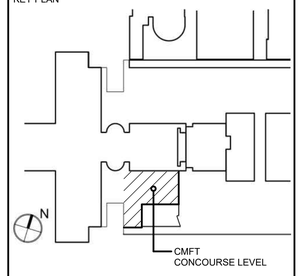
INTERLOCK THE ON/OFF OPERATION OF THE ERV TO THE MOTORIZED DAMPER IN OUTDOOR AIR INTAKE DUCTWORK. BOTH THE OUTDOOR AIR INTALE MOTORIZED DAMPER AND EXHAUST AIR MOTORIZED DAMPER SHALL TURN ON/OFF WITH ERV BEING TURNED ON/OFF.

TIMED FROST PROTECTION:
ERV SHALL BE PROVIDED WITH MANUFACTURER PROVIDED FROST PROTECTION CONTROLLER INTEGRAL TO THE UNIT. THE FROST PROTECTION MODE SHALL OPERATE BASED ON THE PRESSURE DIFFERENTIAL OF AIR UP-STREAM (SUPPLY AIR SIDE) AND DOWN-STREAM (EXHAUST AIR SIDE) OF THE ENERGY RECOVERY WHEEL. DURING THIS OPERATION THE OA DAMPER SHALL CLOSE AND THE ERV'S EXHAUST FAN SHALL REMAIN ENERGIZED TO UTILIZE RETURN AIR TO PREVENT THE FROST CONDITIONS ON WHEEL. CONTRACTOR IS FULLY RESPONSIBLE TO COORDINATE WITH MANUFACTURER AND PROVIDE THE REQUIRED DIFFERENTIAL PRESSURE SENSOR ON THESE ERV TO FACILITATE THIS MODE OF OPERATION.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

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PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
HVAC SEQUENCE OF OPERATION 1 OF 2

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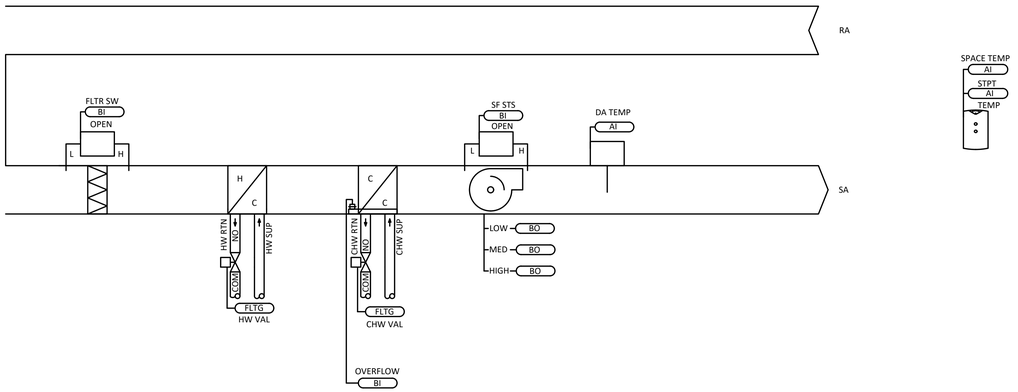
M701.00

STATE OF NEW YORK · JESSICA K. ADKINS · LICENSED PROFESSIONAL ENGINEER · No. 077158

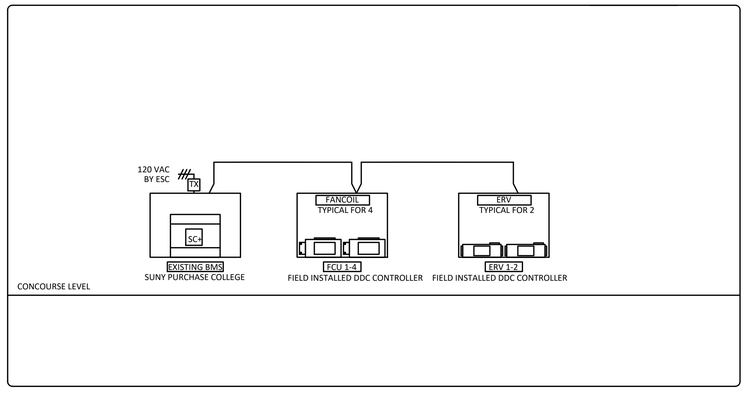
06/08/2023

A & J PROJECT No. 2301



1 M702 TYPICAL CONTROL FAN COIL UNITS

N.T.S.



2 M702 NETWORK CONTROL DIAGRAM

N.T.S.

SEQUENCE OF OPERATIONS

FCU Flow

BUILDING AUTOMATION SYSTEM INTERFACE:
THE BUILDING AUTOMATION SYSTEM (BAS) SHALL SEND THE CONTROLLER OCCUPIED / UNOCCUPIED AND HEAT / COOL MODES BASED ON SCHEDULES . IF COMMUNICATION IS LOST WITH THE BAS THE CONTROLLER SHALL OPERATE USING DEFAULT MODES AND SETPOINTS.

OCCUPIED MODE:
DURING OCCUPIED PERIODS THE FCU SUPPLY FAN SHALL RUN CONTINUOUSLY, THE CHILLED WATER AND HOT WATER VALVES SHALL OPEN AND CLOSE TO MAINTAIN THE ACTIVE SPACE TEMPERATURE SETPOINT. WHEN THE FCU IS SCHEDULED TO BE OCCUPIED, THE ERV'S UNIT CONTROLLER SHALL ALSO INITIATE THE UNIT TO PROVIDE REQUIRED VENTILATION TO EACH SPACE.

UNOCCUPIED HEATING MODE:
WHEN THE SPACE TEMPERATURE IS BELOW THE UNOCCUPIED HEATING SETPOINT OF 60.0 DEG. F (ADJ.) THE SUPPLY FAN SHALL START AND THE HOT WATER VALVE SHALL OPEN.
WHEN THE SPACE TEMPERATURE RISES ABOVE THE UNOCCUPIED HEATING SETPOINT OF 60.0 DEG. F(ADJ.) PLUS THE UNOCCUPIED DIFFERENTIAL OF 4.0 DEG. F (ADJ.) THE SUPPLY FAN SHALL STOP AND THE HOT WATER VALVE SHALL CLOSE.

UNOCCUPIED COOLING MODE:
WHEN THE SPACE TEMPERATURE IS ABOVE THE UNOCCUPIED COOLING SETPOINT OF 85.0 DEG. F (ADJ.) THE SUPPLY FAN SHALL START, AND THE CHILLED WATER VALVE SHALL OPEN.
WHEN THE SPACE TEMPERATURE FALLS BELOW THE UNOCCUPIED COOLING SETPOINT OF 85.0 DEG. F (ADJ.) MINUS THE UNOCCUPIED DIFFERENTIAL OF 2.0 DEG. F (ADJ.) THE SUPPLY FAN SHALL STOP AND THE CHILLED WATER VALVE SHALL CLOSE.

OPTIMAL START:
THE BAS SHALL MONITOR THE SCHEDULED OCCUPIED TIME,OCCUPIED SPACE SETPOINTS AND SPACE TEMPERATURE TO CALCULATE WHEN THE OPTIMAL START OCCURS.

PRE-COOL MODE:
DURING OPTIMAL START, IF THE SPACE TEMPERATURE IS ABOVE THE OCCUPIED COOLING SETPOINT, PRE-COOL MODE SHALL BE ACTIVATED. WHEN PRE-COOL IS INITIATED THE UNIT SHALL ENABLE THE FAN AND COOLING. WHEN THE SPACE TEMPERATURE REACHES OCCUPIED COOLING SETPOINT (ADJ.), THE UNIT SHALL TRANSITION TO THE OCCUPIED MODE.

OPTIMAL STOP:
THE BAS SHALL MONITOR THE SCHEDULED UNOCCUPIED TIME, OCCUPIED SETPOINTS AND SPACE TEMPERATURE TO CALCULATE WHEN THE OPTIMAL STOP OCCURS. WHEN THE OPTIMAL STOP MODE IS ACTIVE THE UNIT CONTROLLER SHALL MAINTAIN THE SPACE TEMPERATURE TO THE SPACE TEMPERATURE OFFSET SETPOINT.

SUPPLY FAN OPERATION:
THE SUPPLY FAN SHALL CYCLE ON DEMAND DURING THE UNOCCUPIED MODE. WHEN THE CONTROLLER TRANSITIONS TO THE OCCUPIED MODE, THE SUPPLY FAN SHALL START AT HIGH SPEED BEFORE AUTOMATICALLY TRANSITIONING TO CONTINUOUS OPERATION TO MAINTAIN THE DESIRED CFM SETPOINT.. THE SUPPLY FAN STATUS SHALL BE MONITORED BY A DIFFERENTIAL PRESSURE SWITCH. IF THE SUPPLY FAN FAILS THE FAN SHALL BE COMMANDED OFF AND AN ALARM WILL BE ANNUNCIATED AT THE BAS. IF THE SUPPLY FAN FAILS THE FAN SHALL BE COMMANDED OFF AND AN ALARM SHALL BE ANNUNCIATED AT THE BAS. A MANUAL RESET SHALL BE REQUIRED TO RESTART THE FAN.

CONDENSATE OVERFLOW MONITORING:
IF THE CONDENSATE LEVEL REACHES THE TRIP POINT, A CONDENSATE OVERFLOW ALARM SHALL BE ANNUNCIATED AT THE BAS. TO PREVENT THE CONDENSATE DRAIN PAN FROM OVERFLOWING AND CAUSING WATER DAMAGE TO THE BUILDING THE FAN SHALL BE DISABLED AND THE CHILLED WATER VALVE SHALL CLOSE.

FCU FLOW - SYSTEM POINTS LIST

CONTROLLER: EXISTING ATC FIELD INSTALLED UNIT CONTROLLER	POINT TYPE						
SYSTEM POINT DESCRIPTION	GRAPHIC	HARDWARE INPUT	HARDWARE OUTPUT	SOFTWARE POINT	HARDWIRE INTERLOCK	NETWORK	DEFAULT VALUE
DISCHARGE AIR TEMPERATURE LOCAL	X	AI					
SPACE TEMPERATURE LOCAL	X	AI					
SPACE TEMPERATURE SETPOINT LOCAL	X	AI					
CONDENSATE OVERFLOW DETECTION LOCAL	X	BI					
SUPPLY FAN STATUS LOCAL		BI					
FAN SPEED HI			BO				
FAN SPEED LO			BO				
FAN SPEED MED			BO				
CHILLED WATER VALVE	X		FLTG				
HOT WATER VALVE	X		FLTG				
OCCUPIED COOLING SETPOINT				X			74.0 deg. F
OCCUPIED HEATING SETPOINT				X			70.0 deg. F
UNOCCUPIED COOLING SETPOINT				X			85.0 deg. F
UNOCCUPIED HEATING SETPOINT				X			60.0 deg. F
DISCHARGE AIR TEMPERATURE CONTROL POINTS				X			45.0 deg. F-150.0 deg. F

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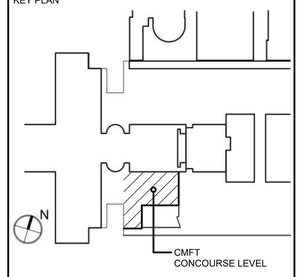

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SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
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SCALE:
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STATE OF NEW YORK · DENISE K. AGUNIOS · LICENSED PROFESSIONAL ENGINEER · No. 071758

06/08/2023

A & J PROJECT No. 2301

ABBREVIATIONS

A	AMPERES
AC	AIR CONDITIONING UNIT
AFF	ABOVE FINISHED FLOOR
AV	ACID VENT
AW	ACID WASTE
BFP	BACKFLOW PREVENTER
CA	COMPRESSED AIR
CAF	COMPRESSED AIR FILTER
CC	COOLING COIL
CDA	CLEAN DRY AIR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CO	CLEAN OUT
CO_2	CARBON DIOXIDE
DB	DRY BULB
DIA	DIAMETER
DIWS	DISTILLED WATER SUPPLY
DIWR	DISTILLED WATER RETURN
DN	DOWN
DT	DRIP AND TRAP
DWG	DRAWING
DFU	DRAINAGE FIXTURE UNITS
ENT	ENTERING
EQUIP	EQUIPMENT
EWT	ENTERING WATER TEMPERATURE
EXIST	EXISTING
°F	DEGREES FAHRENHEIT
F	FILTER
FIN	FINISHED
FD	FLOOR DRAIN
FLA	FULL LOAD AMPS
FC	FLEXIBLE CONNECTION
FLR	FLOOR
FPM	FEET PER MINUTE
FT	FEET
GA	GAUGE
GAL	GALLON
GPM	GALLONS PER MINUTE
HES	HELIUM SUPPLY
HER	HELIUM RETURN
HR	HOUR
HP	HORSE POWER
HT	HEIGHT
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HZ	HERTZ
IN	INCHES
JB	JUNCTION BOX
JS	JANITOR'S SINK
KW	KILOWATT
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LBS/HR	POUNDS PER HOUR
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPACITY
MER	MECHANICAL EQUIPMENT ROOM
MHP	MOTOR HORSE POWER
MIN	MINIMUM
MISC	MISCELLANEOUS
NC	NORMALLY CLOSED
No.	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
OPNG	OPENING
P	PUMP
PCWS	PROCESS CHILLED WATER SUPPLY
PCWR	PROCESS CHILLED WATER RETURN
PD	PRESSURE DROP
PH	PHASE
PNEU	PNEUMATIC
PRESS	PRESSURE
PS	PRESSURE SWITCH
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PT	PRESSURE TRANSMITTER
PV	PLUG VALVE
QUAN	QUANTITY
REL	RELIEF
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
RD	ROOF DRAIN
SK	SINK
SP	STATIC PRESSURE
SS	STAINLESS STEEL
STD	STANDARD
TEMP	TEMPERATURE
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
TMV-1	THERMOSTATIC MIXING VALVE SCHEDULE
UON	UNLESS OTHERWISE NOTED
UN2	UTILITY NITROGEN
UG	UNDER GROUND
V	VENT
VA	VALVE
VAC	VACUUM
VB	VACUUM BREAKER
VEL	VELOCITY
VTR	VENT THRU ROOF
W	WIDTH
W/	WITH
WB	WET BULB
W/O	WITHOUT
WPD	WATER PRESSURE DROP
WFU	WATER SUPPLY FIXTURE UNITS

SYMBOLS

- SOIL OR WASTE ; S/W
- SOIL AND WASTE BELOW GRADE ; S/W
- SD — STORM DRAIN ; SD
- VENT ; V
- COLD WATER ; CW
- 105° — HOT WATER (105 F) ; HW
- 140° — HOT WATER (140° F) ; HW
- 105° — HOT WATER RETURN (105 F) ; HWR
- 140° — HOT WATER RETURN (140° F) ; HWR
- G — GAS ; G
- PD — PUMP DISCHARGE
- FSP — FIRE PROTECTION WATER SUPPLY ; STANDPIPE
- SP — AUTOMATIC FIRE SPRINKLER ; SP
- NEW WORK
- EXISTING WORK
- CA — COMPRESSED AIR
- LS — LAWN SPRINKLER SUPPLY ; LS
- VAC — VACUUM
- EXISTING TO BE REMOVED
- DISCONNECTION
- NEW CONNECTION TO EXISTING
- FLOW-IN DIRECTION OF ARROW
- OS & Y GATE VALVE
- GATE VALVE
- CHECK VALVE
- GAS COCK
- GATE VALVE & DRAIN BIBB
- BALL VALVE
- PLUG VALVE
- DRAIN BIBB
- BALANCING VALVE ; BV
- PRESSURE RELIEF VALVE ; PRV
- THERMOSTATIC MIXING VALVE
- PRESSURE REGULATOR
- CLEAN OUT ;CO
- CAP OR PLUG
- STRAINER
- REDUCER/INCREASER
- CLEAN OUT DECK PLATE ; C.O.D.P.
- UNION
- EMERGENCY GAS SHUT OFF VALVE
- AQUASTAT
- THERMOMETER
- PRESSURE GAUGE WITH GAUGE COCK
- PUMP
- PIPE SLEEVE
- FLOOR DRAIN ; FD
- MASTER GAS CONTROL VALVE ;MGCV

GENERAL NOTES:

1. ALL HOT WATER CIRCULATION, HOT AND COLD WATER PIPING ARE AT CEILING OR IN HUNG CEILING
2. ACCESS SHALL BE PROVIDED FOR ALL CLEANOUTS, VALVES, AND ANY OTHER EQUIPMENT OR ACCESSORIES THAT MAY REQUIRE ACCESS FOR MAINTENANCE, OR OPERATION WHICH ARE LOCATED BEHIND WALLS AND PARTITIONS OR CONCEALED IN HUNG CEILING.
3. CONTRACTOR SHALL CHECK AND VERIFY THE EXACT LOCATION OF ALL PIPE PENETRATIONS AND MAKE CERTAIN THERE ARE NO OBSTRUCTIONS AND INTERFERENCES.
4. CONTRACTOR SHALL REFER TO AND COORDINATE WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS, INCLUDING WORK FOR ALL UNDERGROUND PIPE SUPPORT AND OTHER RELEVANT DETAILS.
5. CONTRACTOR SHALL COORDINATE ALL UNDER SLAB PIPE LAYOUT WITH FOUNDATION PLAN.
6. CONTRACTOR SHALL REFER TO AND COORDINATE WITH ELECTRICAL DRAWING AND WORK ENSURING NO PIPE IS RUN DIRECTLY ABOVE NOR WITHIN THREE FEET OF ELECTRICAL PANELS.
7. UNDERGROUND PIPING REQUIREMENTS FOR PROTECTING THE PIPES, TRENCHING, BACK FILLING AND UNIFORM SOIL BEARING ALONG THE LENGTH OF THE PIPE SHALL BE AS PER 2020 NYS PLUMBING CODE
8. ALL PIPES PENETRATED THROUGH WALLS AND FLOORS SHALL BE PROVIDED WITH REQUIRED OPENINGS, SLEEVES, SEALS AND PACKING.

REFERENCE SYMBOLS

- INDICATES EQUIPMENT
- INDICATES EQUIPMENT NUMBER
- INDICATES SECTION NUMBER
- INDICATES DRAWING NUMBER
- INDICATES DETAIL NUMBER
- INDICATES DRAWING NUMBER
- SHEET NOTE NUMBER
- PIPE CONTINUATION
- REVISION NUMBER

NOTE:

ALL ABBREVIATIONS AND SYMBOLS MAY NOT APPEAR ON THE DRAWINGS FOR THIS PROJECT.

BUILDING DEPARTMENT NOTES:

ALL PLUMBING WORK SHALL MEET THE REQUIREMENTS OF THE PLUMBING CODE OF NEW YORK STATE (PC-NYS), 2020 EDITION.

1. ALL PLUMBING PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH PC-NYS SECTION 308 AND TABLE 308.5.
2. ALL TESTS AND INSPECTIONS SHALL BE MADE AS DIRECTED IN PC-NYS SECTION 312.
3. MATERIALS, DESIGN AND INSTALLATION OF PLUMBING FIXTURES, FAUCETS AND FIXTURE FITTINGS SHALL BE IN ACCORDANCE WITH PC-NYS CHAPTER 4.
4. ACCESSIBLE PLUMBING FACILITIES AND FIXTURES SHALL BE PROVIDED IN ACCORDANCE WITH PC-NYS SECTION 404.
5. MATERIALS, DESIGN AND INSTALLATION OF WATER SUPPLY SYSTEMS SHALL BE AS OUTLINED IN PC-NYS CHAPTER 6.
6. WATER DISTRIBUTION PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN PC-NYS TABLE 605.4.
7. WATER PIPE FITTINGS SHALL CONFORM TO THE RESPECTIVE PIPE STANDARDS OR ONE OF THE STANDARDS LISTED IN PC-NYS TABLE 605.5.
8. HOT WATER SUPPLY SYSTEMS SHALL COMPLY WITH PC-NYS SECTION 607.
9. PROTECTION OF POTABLE WATER SUPPLY SHALL BE IN ACCORDANCE WITH PC-NYS SECTION 608.
10. MATERIALS, DESIGN, CONSTRUCTION AND INSTALLATION OF SANITARY DRAINAGE SYSTEMS SHALL BE AS OUTLINED IN PC-NYS CHAPTER 7.
11. SANITARY DRAINAGE AND VENT PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLES 702.1, AND 702.2. BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 702.3. PIPE FITTINGS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 702.4.
12. THE MINIMUM SLOPE OF A HORIZONTAL DRAINAGE PIPE SHALL BE IN ACCORDANCE WITH TABLE 704.1.
13. CLEANOUTS SHALL BE SIZED, LOCATED AND INSTALLED AS SET FORTH IN PC-NYS SECTION 708.
14. DRAINAGE FIXTURE UNIT VALUES SHALL BE AS SET FORTH IN TABLE 709.1.
15. DRAINAGE SYSTEM SIZING IN ACCORDANCE WITH PC-NYS SECTION 710.
16. MATERIALS, DESIGN, CONSTRUCTION AND INSTALLATION OF VENT SYSTEMS SHALL BE IN ACCORDANCE WITH PC-NYS CHAPTER 9.
17. VENT PIPE SIZING IN ACCORDANCE WITH PC-NYS SECTION 916 AND TABLE 916.1
18. TRAP REQUIREMENTS AS SET FORTH IN PC-NYS SECTION 1002.

TENANT SAFETY NOTES:

1. CONSTRUCTION WORK WILL BE CONFINED TO THE ITEMS AS INDICATED IN THE DRAWING, AND WILL NOT CREATE DUST, DIRT OR OTHER SUCH INCONVENIENCE TO THE OTHER TENANTS WITHIN THE BUILDING.
2. CONSTRUCTION OPERATION WILL NOT BLOCK HALLWAYS OR MEANS OF EGRESS FOR THE TENANTS OF THE BUILDING.
3. CONSTRUCTION OPERATION WILL NOT INVOLVE INTERRUPTION OF HEATING, WATER, OR OTHER ELECTRICAL SERVICES TO OTHER TENANTS OF THE BUILDING.
4. THERE WILL BE NO ONE OCCUPYING THE WORK AREA DURING THE CONSTRUCTION.
5. NO STRUCTURAL WORK SHALL BE DONE THAT MAY ENDANGER THE OCCUPANTS.
6. CONSTRUCTION OPERATION SHALL COMPLY WITH APPLICABLE PROVISIONS OF LAW RELATING TO LEAD AND ASBESTOS.
7. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN CONFORMANCE WITH THE NYS BC CHAPTER 33 "SAFEGUARDS DURING CONSTRUCTION".

PLUMBING SHOP DRAWING NOTE:

THE CONTRACTOR SHALL SUBMIT COORDINATED SHOP DRAWINGS OF ALL PLUMBING PIPING FOR REVIEW, THIS SHALL BE DONE BEFORE THE INSTALLATION OF ANY PIPING OR EQUIPMENT. THE SHOP DRAWING SHALL INCLUDE PIPE ROUTING, SIZES, SLOPE INVERT ELEVATIONS, ELEVATIONS, SLEEVES LOCATIONS AND SIZES. THE DRAWINGS SHALL CONTAIN ALL THE INFORMATION NECESSARY FOR THE PROPER INSTALLATION OF THE JOB. THE SHOP DRAWINGS SHALL BE COORDINATED WITH OTHER TRADES AND OR EXISTING PIPING OR EQUIPMENT THAT MIGHT AFFECT THE INSTALLATION. THE DRAWING SHALL BE SUBMITTED AT A MINIMUM 3/8" SCALE OR AT SCALE THAT IS EASILY LEGIBLE. THE DESIGN DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ARE NOT INTENDED TO BE USED AS A SHOP DRAWING THEREFORE A COPY OF THE DESIGN DRAWING IS NOT ACCEPTABLE AS A SHOP DRAWING.

PLUMBING FIXTURE SCHEDULE

LEGEND	PLUMBING FIXTURE	CONNECTION SIZE - INCHES						
		TRAP (TR)	SOIL/ WASTE (S/W)	VENT (V)	COLD WATER (CW)	COLD WATER FLUSH VALVE (CWFV)	HOT WATER (HW)	THERMO-STATIC MIXING VALVE (TMV)
WC-1	WATER CLOSET	4"	4"	2"	-	1-1/4	-	-
LAV-1	LAVATORY	2"	2"	2"	1/2"	-	1/2"	1/2"
SK-1	KITCHEN SINK	2"	2"	2"	1/2"	-	1/2"	1/2"
DF-1	DRINKING FOUNTAIN	2"	2"	2"	1/2"	-	-	-

1. ALL WATER CLOSETS TO BE WALL MOUNTED. PROVIDE CARRIER FOR SUPPORT.

THERMOSTATIC MIXING VALVE SCHEDULE

UNIT No.	SERVING	MODEL NO.	INLET WATER TEMPERATURE(°F)	SET POINT WATER TEMPERATURE(°F)	REMARKS
TMV-1	LAV-1, SK-1	ACORN- ST70	120 °F	105 °F	-

SUMP PUMP SCHEDULE

GENERAL					PERFORMANCE		MOTOR DATA			BASIS OF DESIGN
TAG	QTY	SERVICES	LOCATION	MODEL	FLOW (GPM)	HEAD (FT.HD)	MOTOR (HP)	SPEED (RPM)	POWER (V/PH/HZ)	
SP-1	1	SK-1	KITCHENTTE	405/A-EYE	5	32	0.5	3450	115/1/60	LIBERTY PUMP

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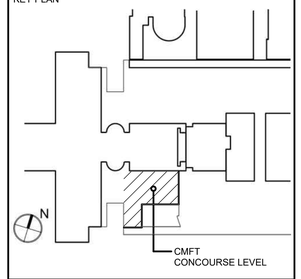

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DRAWING TITLE:

PLUMBING SYMBOL, ABBREVATION AND NOTES

SCALE:
As indicated

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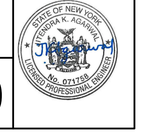
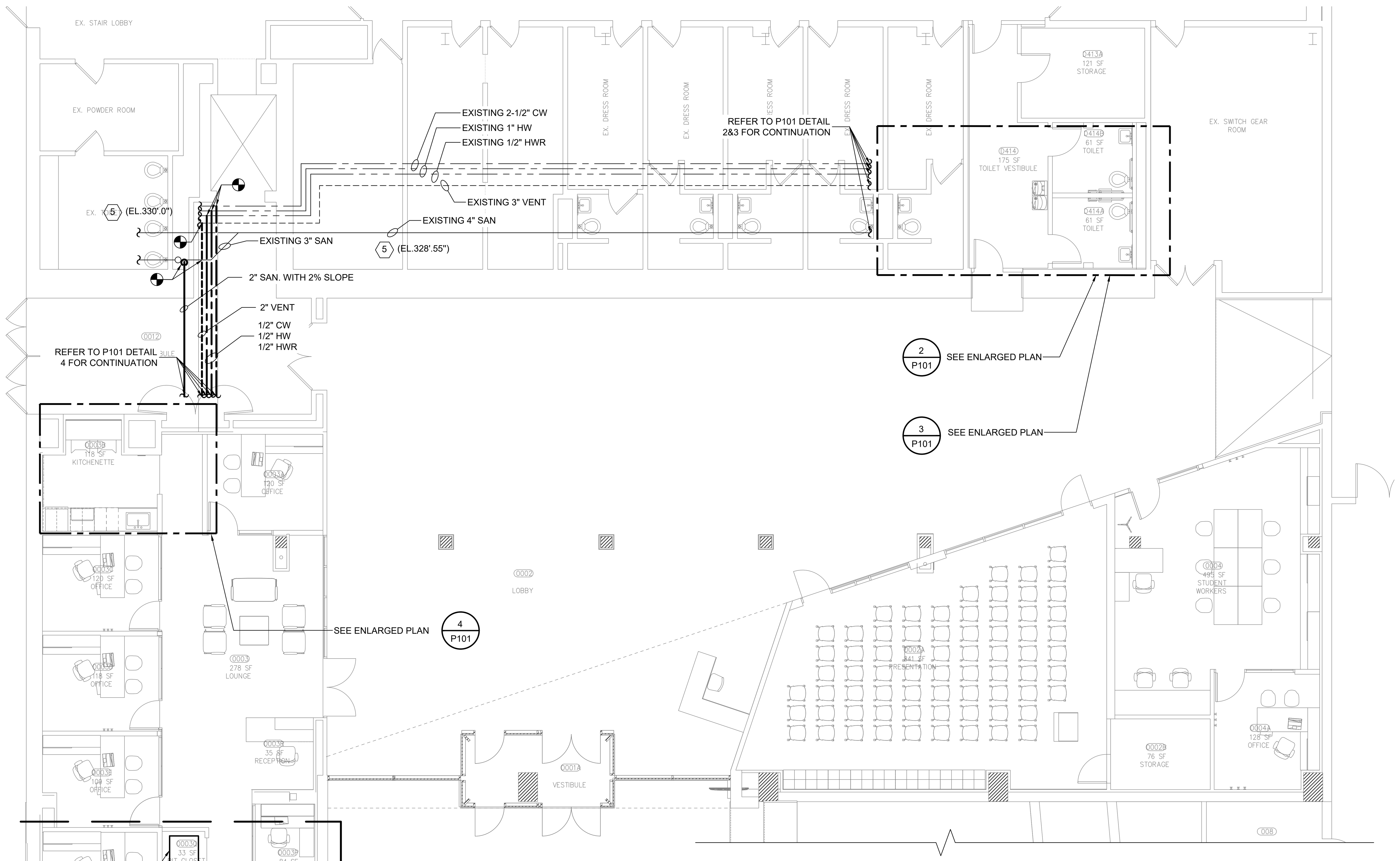
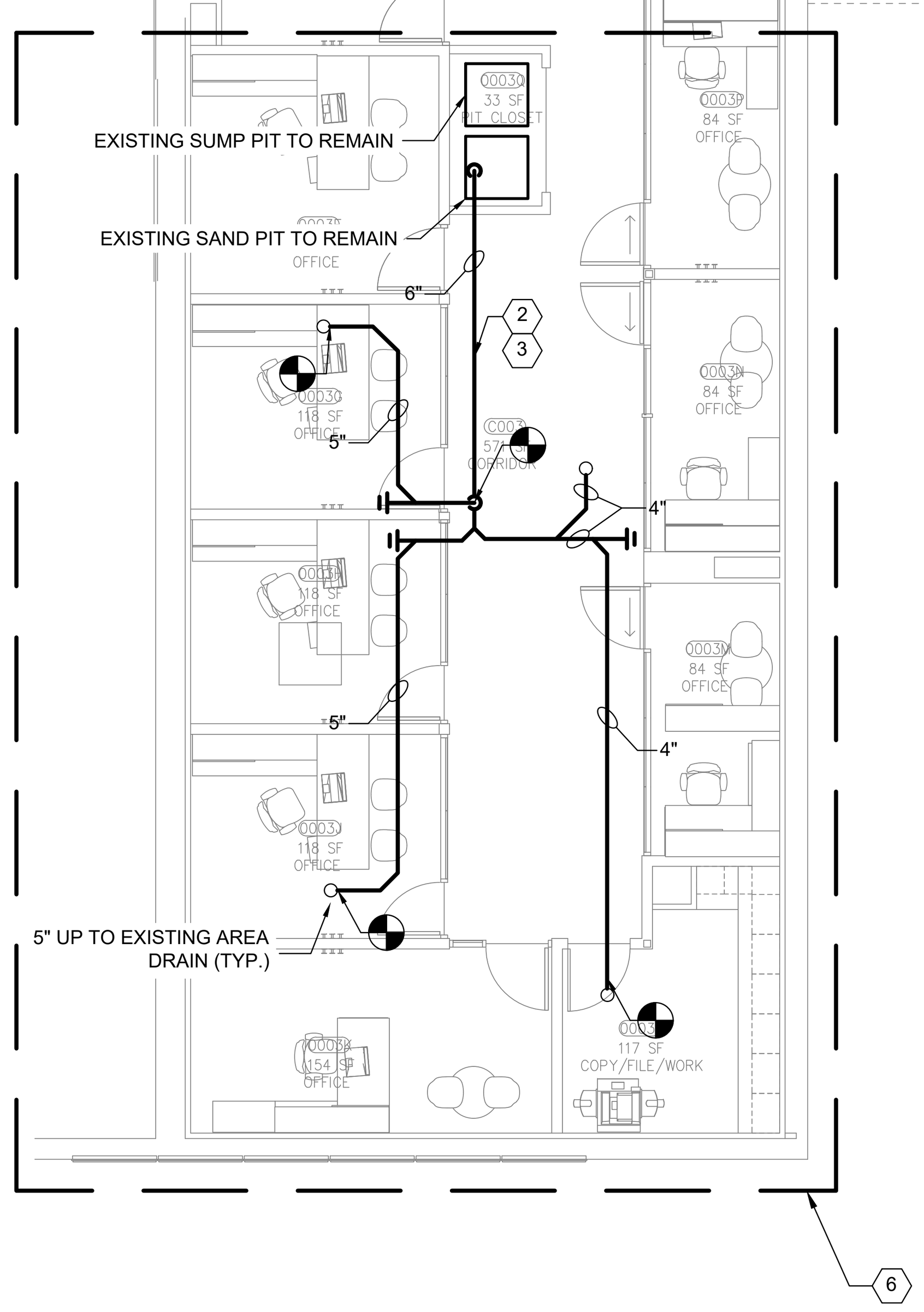
DRAWING NO.:
P001.00

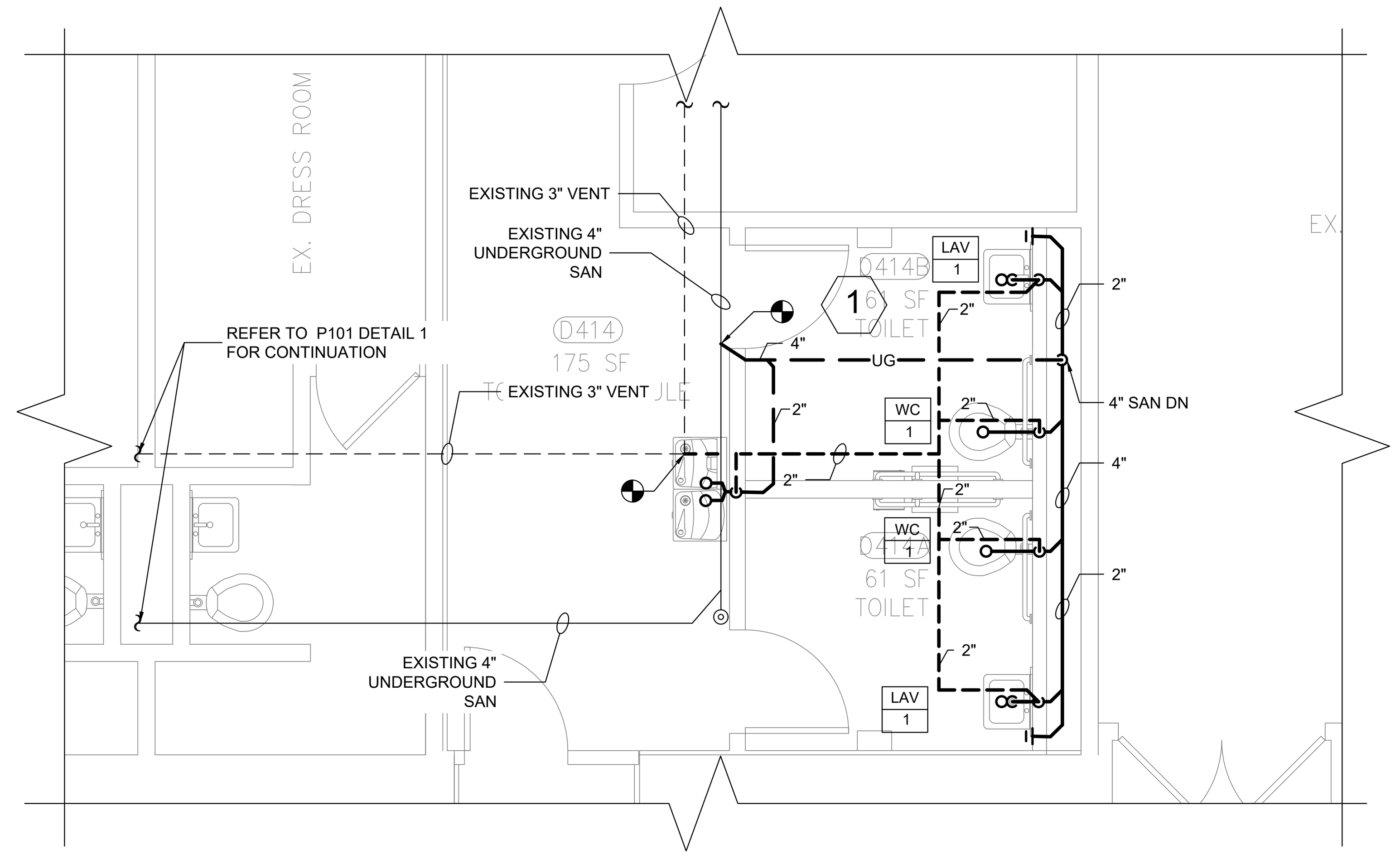






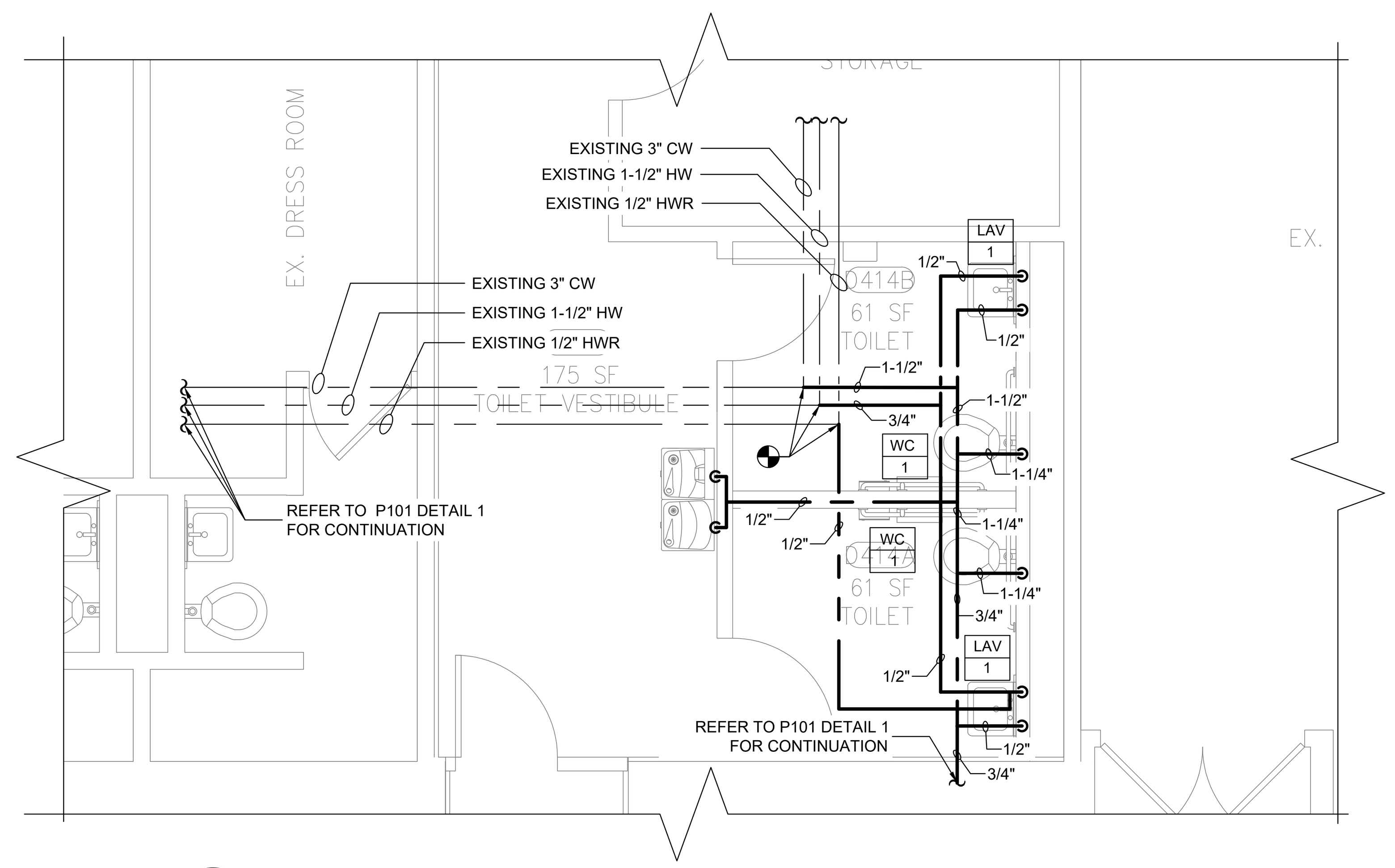
1 P101 PLUMBING CONCOURSE LEVEL PLAN

1/8"= 1'-0"



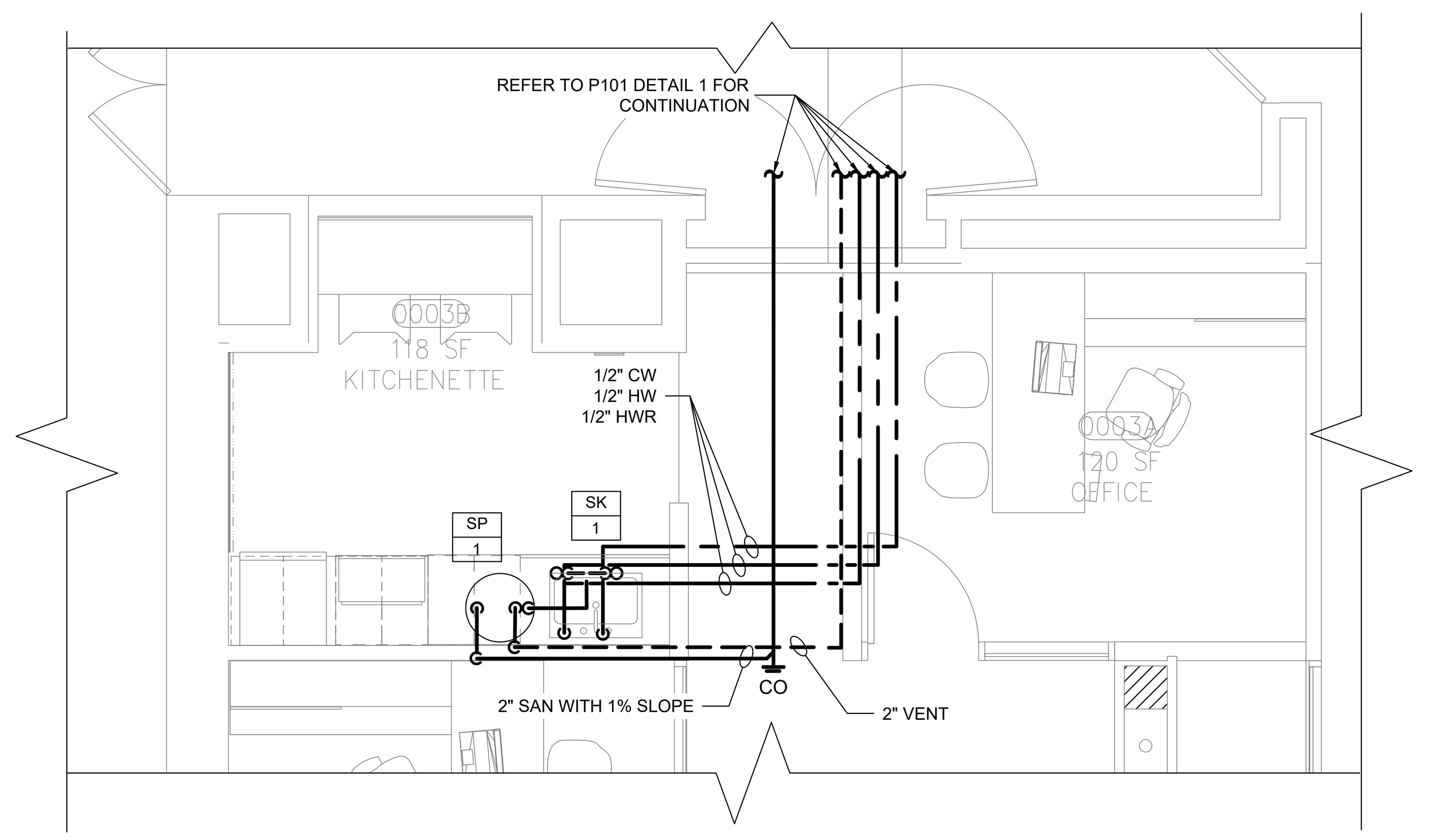
2 P101 PLUMBING CONCOURSE LEVEL PLAN - SAN

1/4"=1'-0"



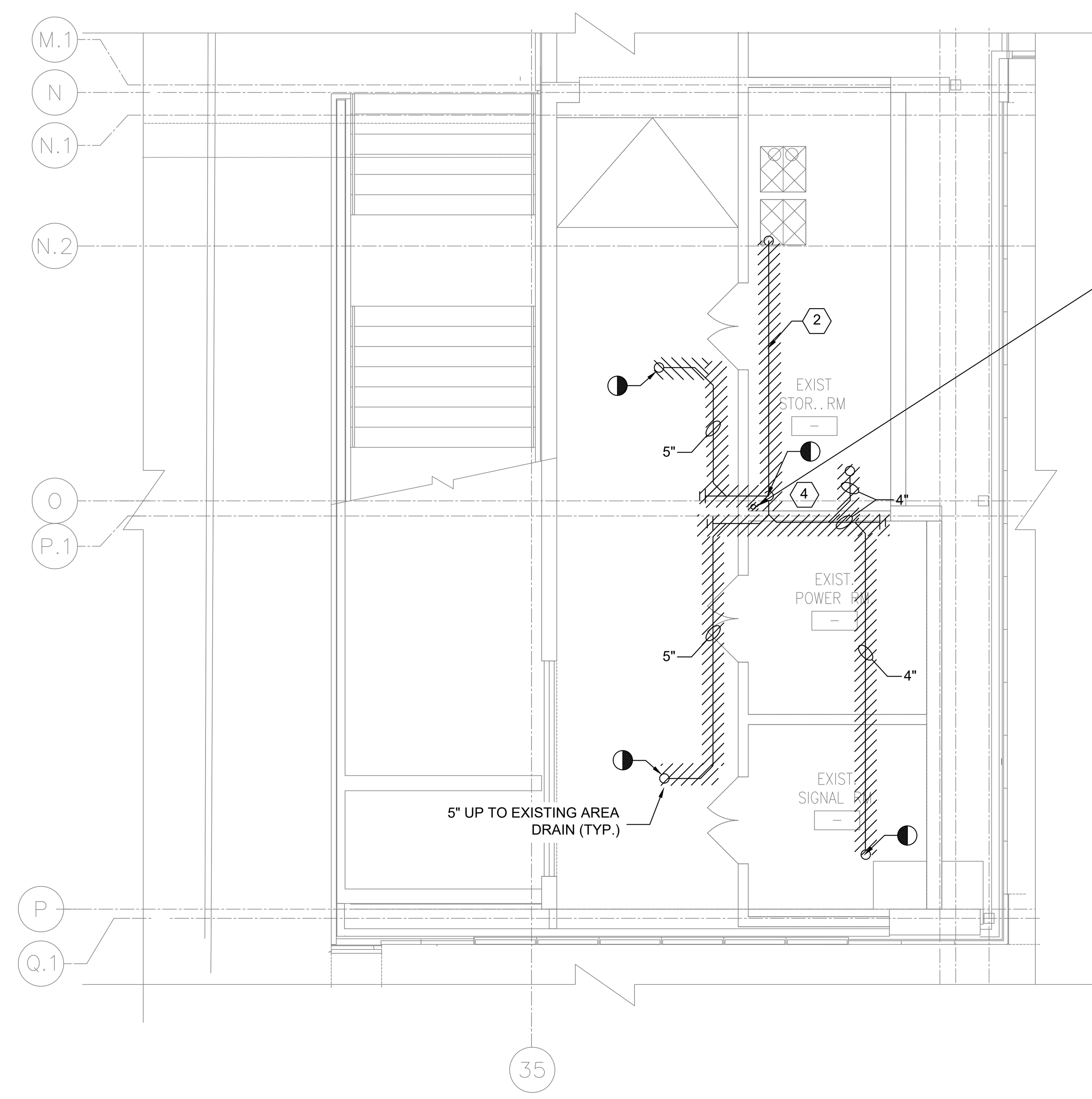
3 P101 PLUMBING CONCOURSE LEVEL PLAN - WATER

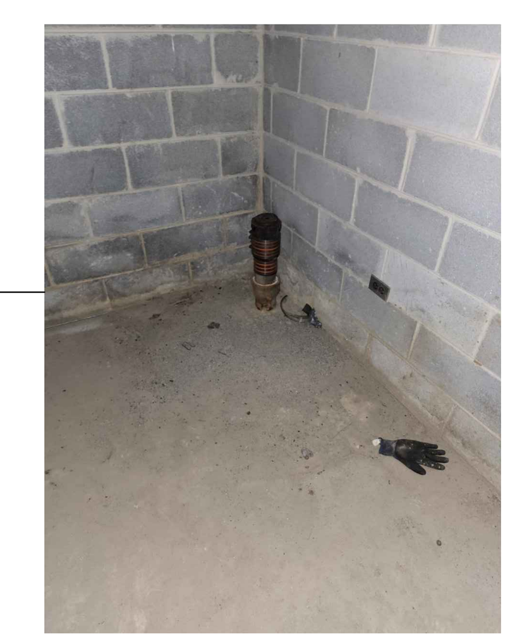
1/4"=1'-0"



4 P101 PLUMBING KITCHEN ENLARGED PLAN

1/4"=1'-0"





5 P101 PLUMBING CONCOURSE LEVEL PLAN DEMOLITION PLAN

1/8"= 1'-0"

SHEET NOTE:

1. REFER TO ARCHITECTURAL DRAWING FOR EXCAVATION, TRENCHING AND BACKFILLING TO INSTALL NEW SANITARY PIPE.
2. CONTRACTOR SHALL REMOVE THE FITTING AND RAISE THE STORM PIPING TO AVOID CONFLICT WITH NEW CEILING.
3. RAISE THE PIPE AS HIGH AS POSSIBLE.
4. CONTRACTOR SHALL CUT AND CAP THE ABANDONED CLEAN OUT BELOW SLAB. PATCH THE SLAB AFTER WORK.
5. EXISTING PIPE INVERT ELEVATIONS BASED ON THE HISTORICAL AS-BUILT PROVIDED BY THE SUNY PURCHASE AND SUCF.
6. REFER TO 5/P101 FOR PLUMBING DEMOLITION WORK.

ISSUE:
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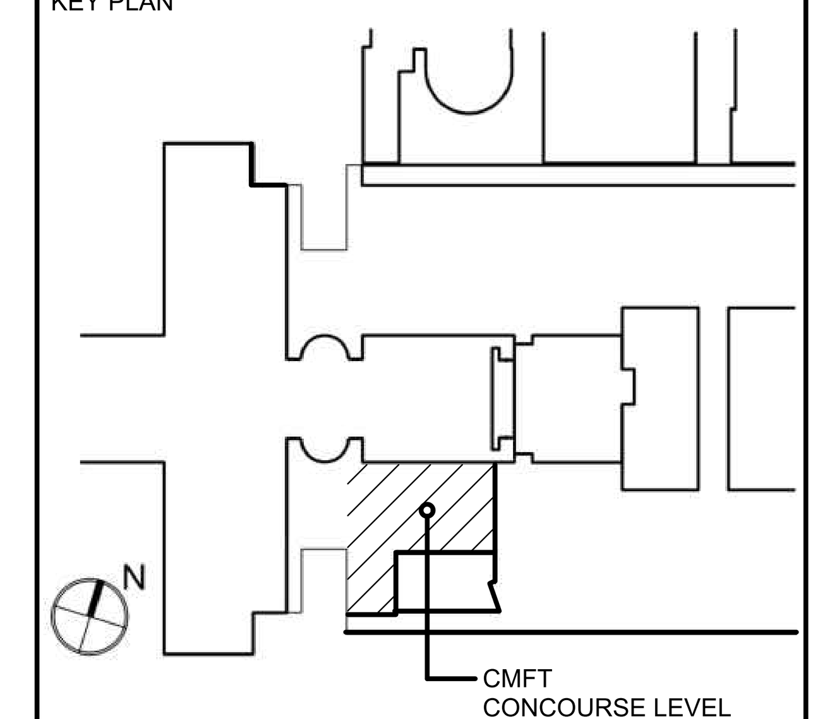
KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
PLUMBING CONCOURSE LEVEL PLAN

SCALE:
As indicated

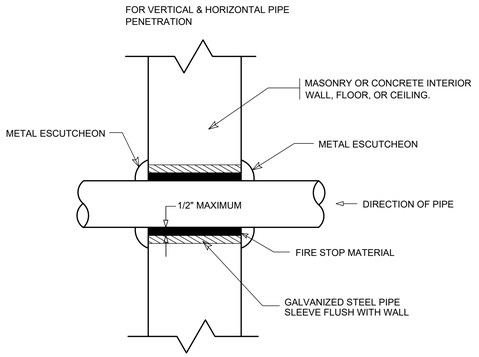
DATE:
12 JUNE 2023

DRAWING NO.:
P101.00

STATE OF NEW YORK · LICENSED PROFESSIONAL ENGINEER · NO. 071758

06/08/2023

A & J PROJECT No. 2301



1 / P501 PIPE PENETRATION IN INTERIOR WALL/FLOOR/CEILING

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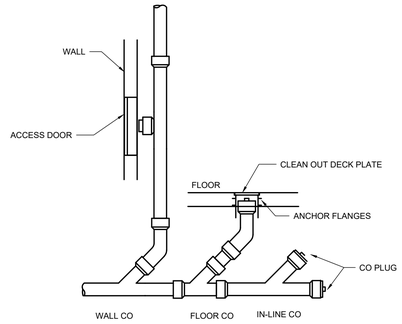

2 / P501 TYPICAL CLEAN OUT INSTALLATION

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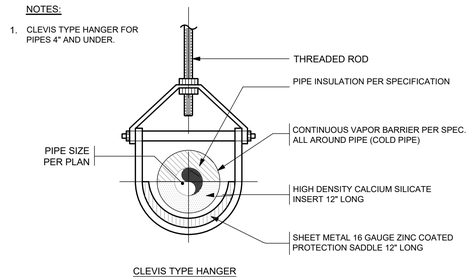
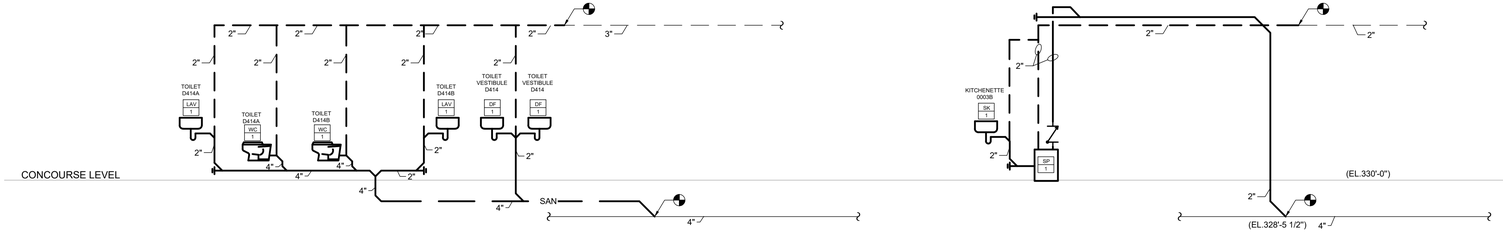


3 / P501 CLEVIS TYPE PIPE HANGER

N.T.S.



4 / P501 SANITARY RISER DIAGRAM

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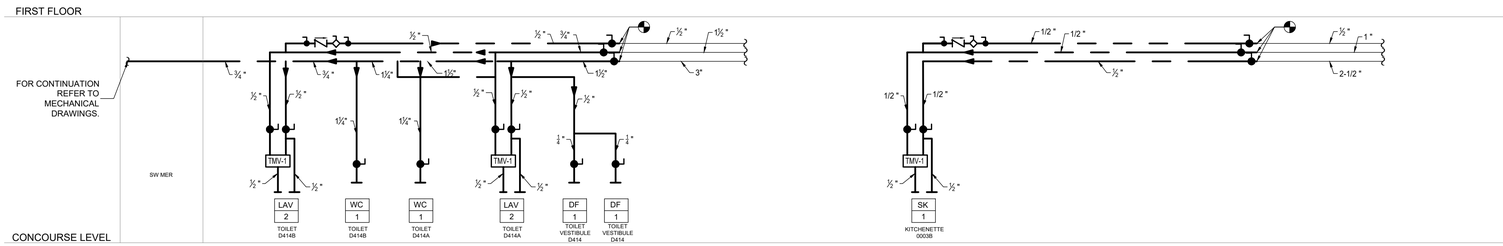

5 / P501 WATER RISER DIAGRAM

N.T.S.

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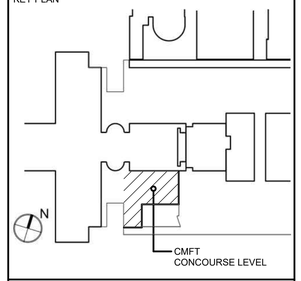

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40 Wall Street, Floor 23, New York, New York 10005

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Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

PLUMBING SANITARY, WATER RISER DIAGRAM AND STANDARD DETAILS

SCALE: As indicated

DATE: 12 JUNE 2023

DRAWING NO.: **P501.00**

STATE OF NEW YORK · VEENDRA K. AGARWAL · No. 071758 · LICENSED PROFESSIONAL ENGINEER

A & J PROJECT No. 2301

ABBREVIATIONS

SP	SPRINKLER
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
CFH	CUBIC FEET PER HOUR
DIP	DUCTILE IRON PIPE
DN	DOWN
DWG	DRAWING
FDC	FIRE DEPARTMENT CONNECTION
INV	INVERT
LDR	LEADER
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
PIV	POST INDICATOR VALVE
FHC	FIRE HOSE CABINET
FDVC	FIRE DEPARTMENT VALVE CABINET
FDC	FIRE DEPARTMENT CONNECTION
DWG	DRAWING
PG	PRESSURE GUAGED

NOTE:
ALL ABBREVIATIONS AND SYMBOLS MAY NOT APPEAR ON THE DRAWINGS FOR THIS PROJECT.

SYMBOLS

- F — NEW SPRINKLER LINE
- SP — EXISTING SPRINKLER LINE
- TS — OZEY VALVE WITH TAMPER SWITCH
- UPRIGHT SPRINKLER HEAD
- CONCEALED SPRINKLER HEAD
- PENDENT SPRINKLER HEAD
- HIGH TEMPERATURE (175°F) SPRINKLER HEAD
- SIDEWALL SPRINKLER HEAD
- FIRE HOSE CABINET WITH HOSE
- CONNECT TO EXISTING
- DISCONNECT
- FLOW SWITCH
- CHECK VALVE
- FDVC — FIRE DEPARTMENT VALVE CABINET
- PRESSURE GAUGE
- PIPE CAP
- STRAINER
- UNION
- FLANGE
- SIGHT GLASS
- FLEXIBLE CONNECTION
- PIPE UP
- PIPE DOWN
- PRESSURE GAUGE COCK
- PIPE CONTINUATION
- GATE VALVE
- GLOBE VALVE
- BUTTERFLY VALVE
- BALL VALVE
- FIRE DEPARTMENT CONNECTION (2-WAY)

FIRE PROTECTION NOTES:

1. ALL FIRE PROTECTION WORK SHALL BE INSTALLED IN STRICT CONFORMANCE WITH NFPA-13 . ALL FIRE PROTECTION WORK SHALL ALSO CONFORM TO THE 2020 NEW YORK STATE CODE, LOCAL FIRE DEPARTMENT RULES AND REGULATIONS AND OTHER AUTHORITIES HAVING JURISDICTION.
2. THE PIPING RUN AND ARRANGEMENT IS DIAGRAMMATIC AND SHALL BE ADJUSTED TO SUIT ACTUAL FIELD CONDITIONS.
3. THE NEW FIRE PROTECTION WORK SHALL BE HYDRAULICALLY CALCULATED BY A LICENSED ENGINEER HIRED BY THE CONTRACTOR IN CONFORMANCE WITH CODE REQUIREMENTS.
4. SPRINKLER PIPING IN GENERAL SHALL BE CONCEALED ABOVE ANY HUNG CEILING WITH DROP NIPPLES TO INDIVIDUAL SPRINKLER HEADS.
5. SPRINKLER HEADS SHALL BE INSTALLED NEAR THE CENTER OF CEILING PANELS. . SPRINKLER LOCATIONS WILL BE COORDINATED WITH THE ARCHITECT. REFER TO DWG A.801.00.
6. PROVIDE ESCUTCHEONS ON ALL SPRINKLER HEADS PENETRATING HUNG CEILINGS AND ON ALL PIPE PENETRATING WALLS, FLOORS AND CEILINGS.
7. SPRINKLER HEADS LOCATIONS ARE BASED ON LAYOUT INDICATED ON DRAWING.
8. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES INVOLVED IN SPACE CONDITIONS BEFORE PROCEEDING.
9. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND ARE INTENDED TO CONVEY THE SCOPE OF WORK AND INDICATE GENERAL ARRANGEMENT OF EQUIPMENT, PIPING AND FIXTURES. LOCATIONS OF ALL ITEMS SHOWN IN THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. EQUIPMENT LOCATIONS, ROUTING OF PIPING, ETC. SHALL SECURE THE BEST CONDITIONS AND RESULTS AND SHALL BE DETERMINED BY THE CONTRACTOR AT THE PROJECT EXECUTION.

DELEGATED DESIGN SUBMISSION

THESE FIRE PROTECTION DRAWINGS ARE PERFORMANCE BASED. IT IS CONTRACTOR RESPONSIBILITY TO HIRE PROFESSIONAL ENGINEER, LICENSED AND REGISTERED IN STATE OF NEW YORK. THIS PROFESSIONAL ENGINEER SHALL PREPARE SHOP DRAWINGS WITH THE SIGNED AND SEALED HYDRAULIC CALCULATION AS PER NFPA 13 COMPLYING WITH THE PERFORMANCE REQUIREMENTS OF THESE DRAWINGS. CONTRACTOR SHALL SUBMIT THIS DESIGN AND CALCULATIONS TO DESIGN ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING ANY WORK. THE DESIGN ENGINEER RESERVES THE RIGHT TO MAKE MINOR MODIFICATIONS TO THE LAYOUT. CONTRACTOR'S SHOP DRAWING SHALL BEAR A PROFESSIONAL ENGINEER'S STAMP AND SIGN. CONTRACTOR SHALL INCLUDE IN HIS BID THE COST TO CONDUCT A NEW HYDRANT FLOW TEST, PRESSURE TEST (AS PER NFPA 13 SECTION 10.10.2.2) AND HYDRAULIC CALCULATIONS FOR AREA UNDER SCOPE OF WORK.

SPRINKLER/CLASSIFICATION SUMMARY

LOCATION	ALL AREAS WITH SUSPENDED CEILINGS (UNLESS OTHERWISE NOTED)	ALL AREAS WITH NO CEILING (UNLESS OTHERWISE NOTED)
OCCUPANCIES	LIGHT/ ORDINARY HAZARD(NOTE)	LIGHT/ORDINARY HAZARD
MAX. COVERAGE	225/130 SQ.FT.	225/130 SQ.FT.
SPRINKLER STYLE	CONCEALED PENDENT	UPRIGHT
RESPONSE	QUICK/STANDARD	QUICK/STANDARD
K-FACTOR	5.6	5.6
TEMPERATURE	155 DEGREE	155 DEGREE
MANUFACTURER	VICTAULIC	VICTAULIC
MODEL	V5606	V2708
NOTES	ORDINARY HAZARD AREA HAVING 130 SQ.FT. MAX COVERAGE , STANDARD RESPONSE	

FIRE PROTECTION PIPE SCHEDULE

PIPING SYSTEM	LOCATION	REQUIREMENT
WET PIPING SYSTEM	INSIDE BUILDING	STEEL, SCHEDULE 40, GRADE A, ASTM A53 (TYPE E OR S), ASTM A 106 WITH THREADED, WELDED OR GROOVE JOINT. FITTING MATERIAL SHOULD BE CAST STEEL, STEEL OR DUCTILE IRON

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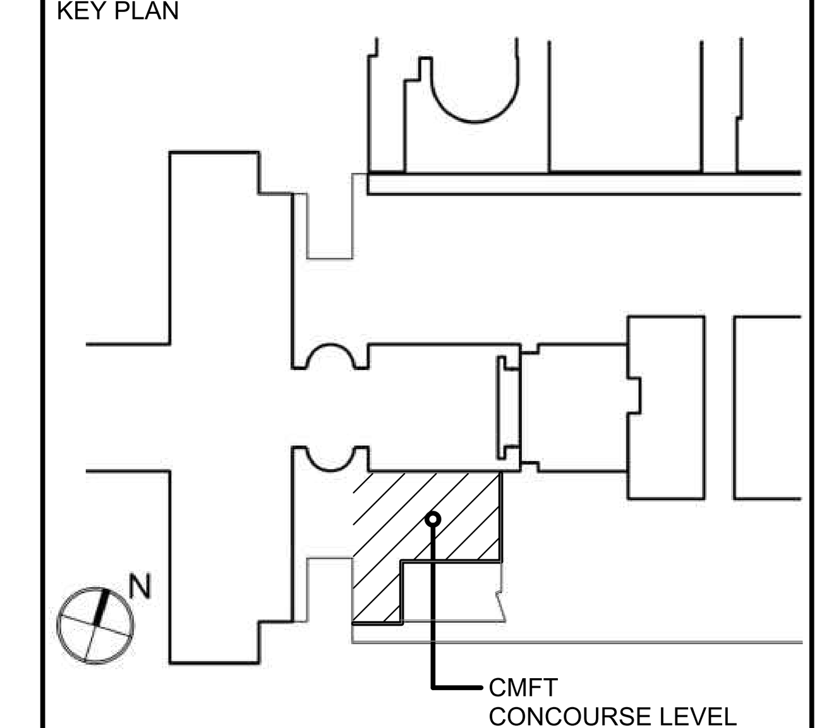
KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

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164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

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4588 South Park Avenue, Blasdell, NY 14219

PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

FIRE PROTECTION SYMBOL, ABBREVATION AND NOTES

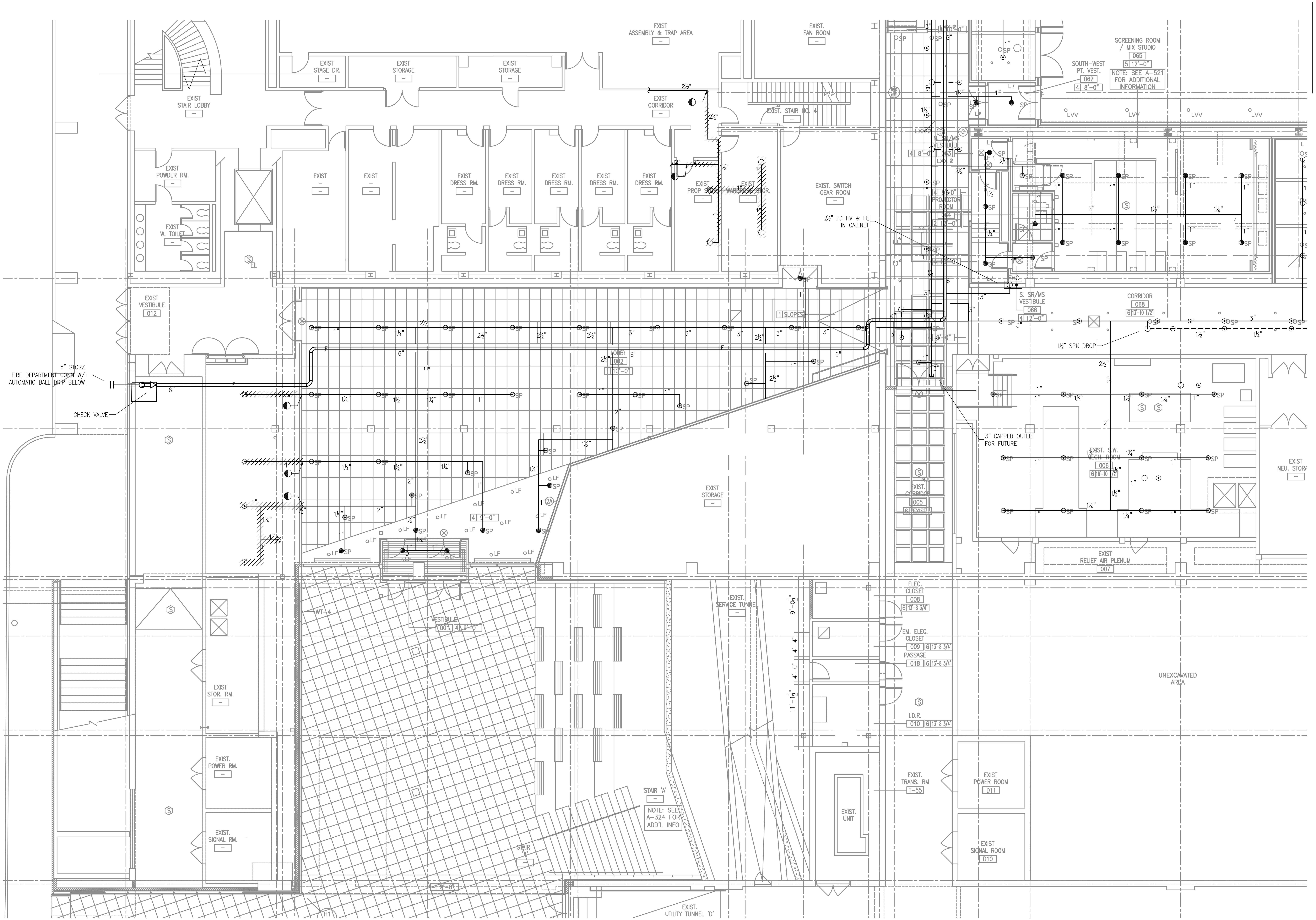
SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
F001.00

06/08/2023

A & J PROJECT No. 2301



FIRE PROTECTION CONCOURSE LEVEL - DEMOLITION PLAN

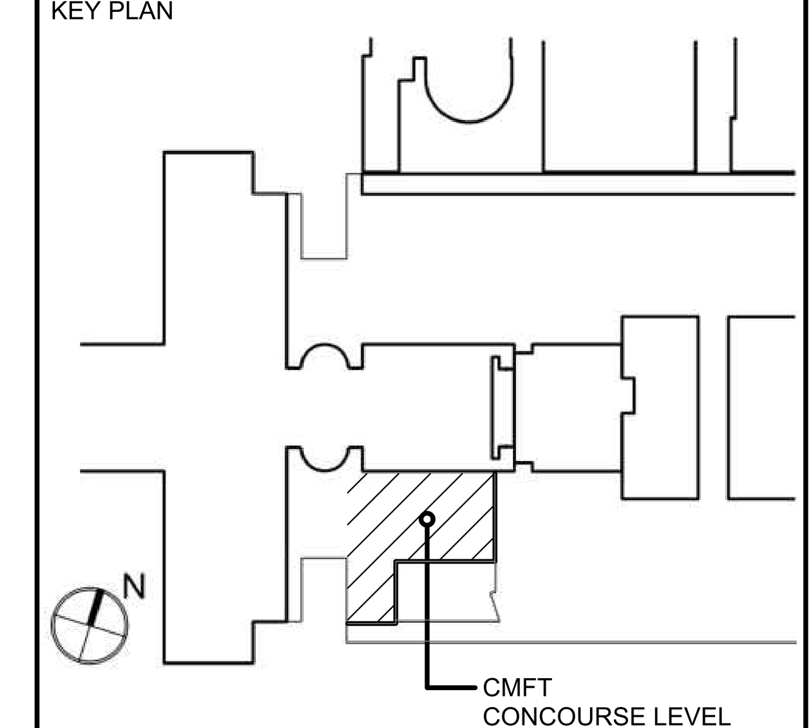
1 / F061

1/8" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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1906
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Purchase, NY 10577

DRAWING TITLE:
FIRE PROTECTION CONCOURSE LEVEL - DEMOLITION PLAN

SCALE:
As indicated

DATE:
12 JUNE 2023

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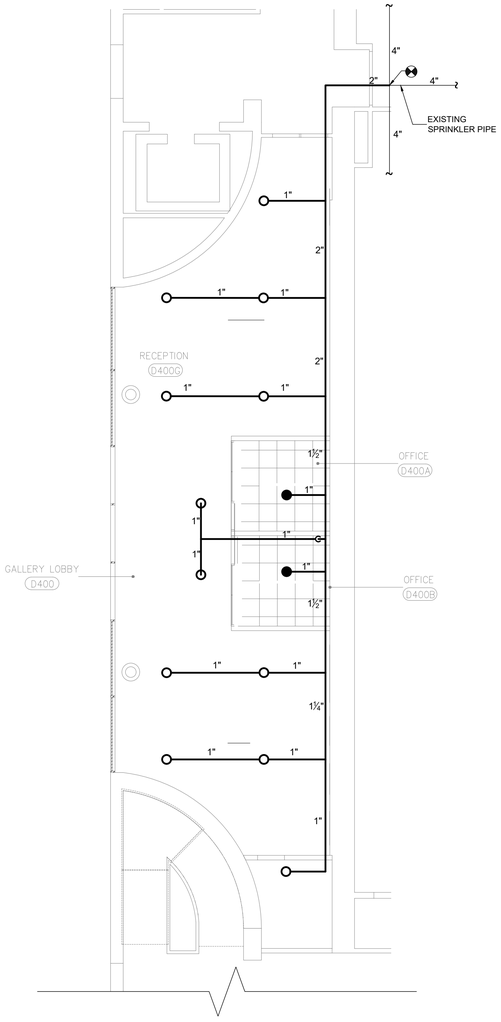
F061.00

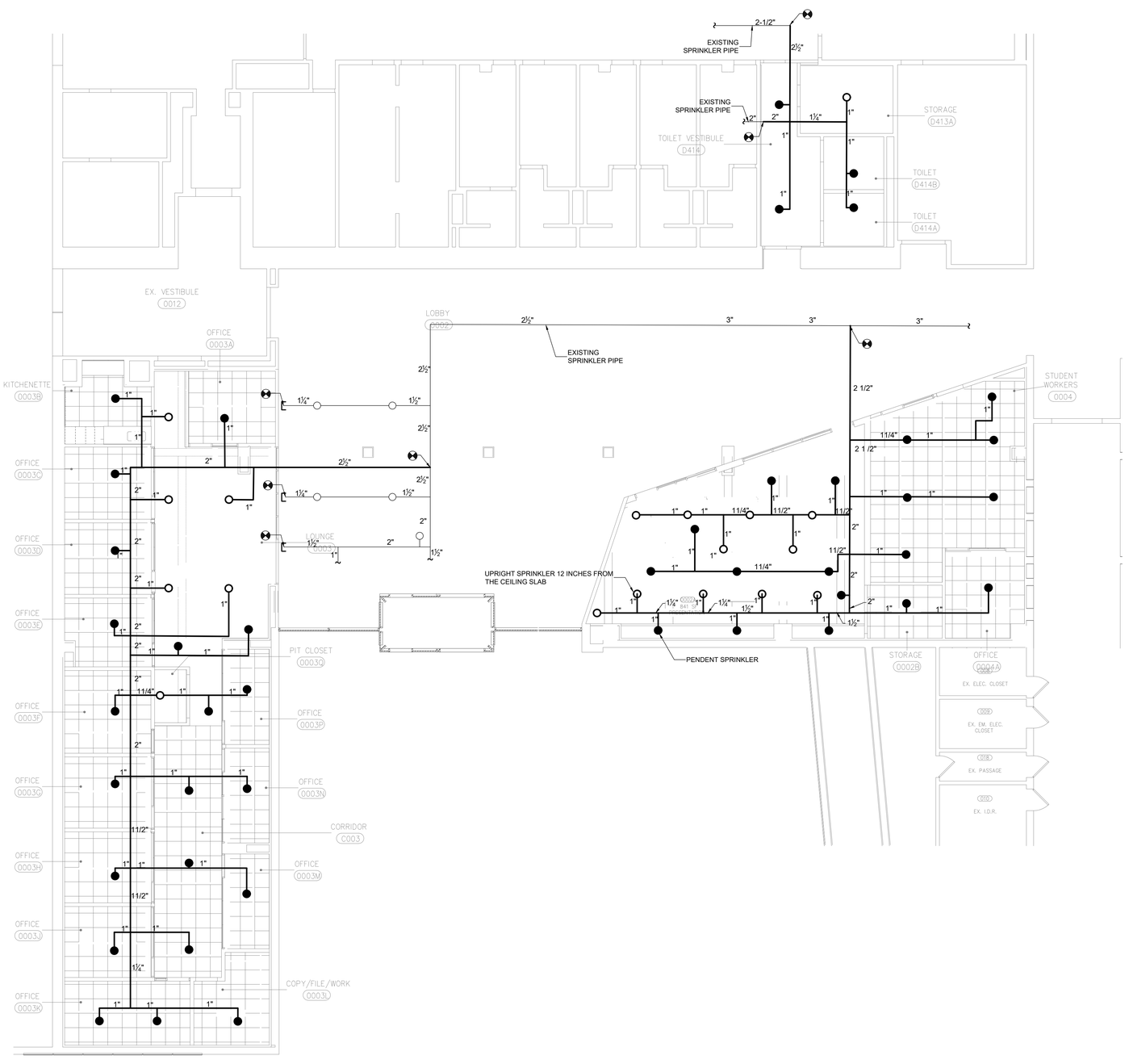
06/08/2023

A & J PROJECT No. 2301

FOR CONTINUATION SEE BELOW



FOR CONTINUATION SEE ABOVE



GENERAL NOTES:

1. THE LOCATION OF EXISTING SPRINKLER HEADS ARE APPROXIMATE AND SHOWN ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. THEY ARE NOT INTENDED TO BE COMPLETE AND ACCURATE IN EVERY DETAIL THE CONTRACTOR SHALL COORDINATE THE LOCATION OF HEADS IN THE AREA OF WORK AND MAKE ALL ADJUSTMENTS NEEDED TO PROVIDE SPECIFIC DENSITY REQUIREMENTS FOR ADEQUATE COVERAGE. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES BEFORE PROCEEDING WITH ANY WORK
2. THE ARRANGEMENT OF HEADS IS DIAGRAMMATIC AND SHALL BE ADJUSTED TO SUIT ACTUAL FIELD CONDITIONS.
3. SPRINKLER PIPING IN GENERAL SHALL BE CONCEALED ABOVE ANY HUNG CEILING WITH DROP NIPPLES TO INDIVIDUAL SPRINKLER HEADS.
4. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES INVOLVED IN SPACE CONDITIONS BEFORE PROCEEDING.
5. PENDANT SPRINKLER LEVEL SHOULD THE SAME FALSE CEILING LEVEL.
6. FOR UPRIGHT SPRINKLERS UNDER UNOBSTRUCTED CONSTRUCTION, THE DISTANCE BETWEEN THE SPRINKLER DEFLECTOR AND THE CEILING, BEAMS AND HORIZONTAL SURFACES SHALL BE A MINIMUM OF 1 IN AND A MAXIMUM OF 12 IN. THROUGHOUT THE AREA OF COVERAGE OF THE SPRINKLER. SPACING OF THE UPRIGHT SPRINKLER SHALL IN COMPLIANCE WITH NFPA 13, CHAPTER 8

1 / F101 FIRE PROTECTION CONCOURSE LEVEL PLAN - NEW WORK

1/8" = 1'-0"

06/08/2023

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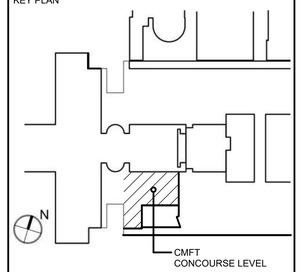
KEY PLAN



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115 Fifth Avenue, Third Floor, New York, NY 10003

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40 Wall Street, Floor 23, New York, New York 10005

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164 Brighton Road, Clifton, NJ 07012

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417 Fifth Avenue, New York, NY 10016

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1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

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As indicated

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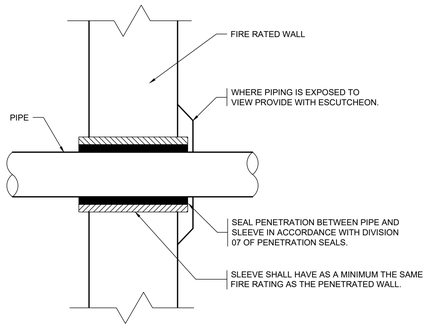
DRAWING NO.:
F101.00

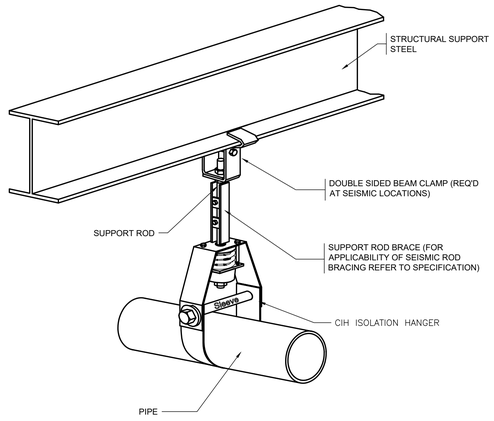
STATE OF NEW YORK
TERESA K. AGARWAL
No. 071139
LICENSED PROFESSIONAL ENGINEER

A & J PROJECT No. 2301



1 FP501 PIPE PENETRATING THROUGH FIRE RATED WALL OR FLOOR

N.T.S.



2 FP501 ADJUSTABLE CLEVIS HANGER

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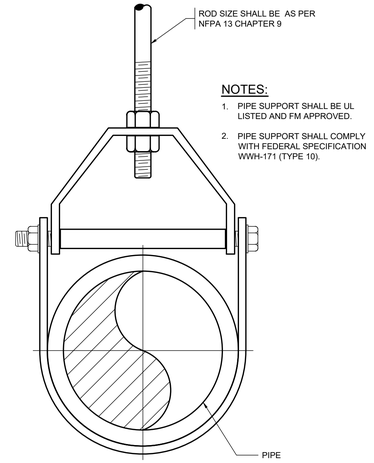

3 FP501 TYPICAL SPRINKLER PIPE SUPPORT

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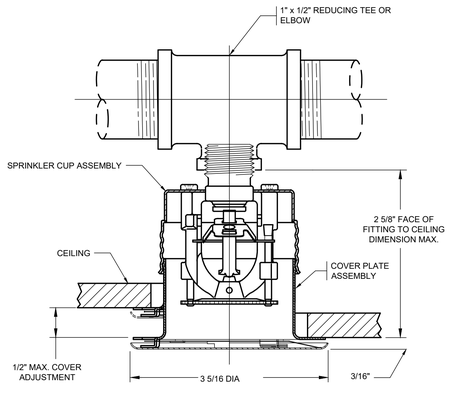

4 FP501 TYPICAL CONCEALED SPRINKLER DETAIL

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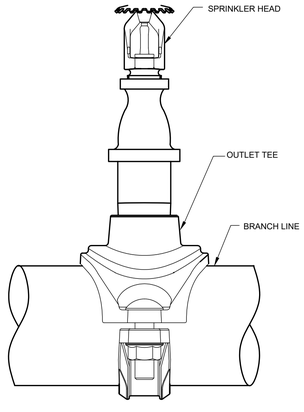

5 FP501 TYPICAL UPRIGHT SPRINKLER DETAIL

N.T.S.

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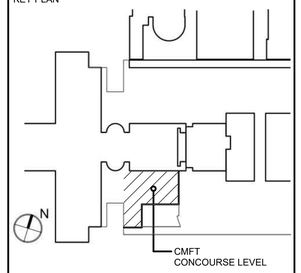
KEY PLAN



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SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

FIRE PROTECTION STANDARD DETAILS

SCALE:
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DATE:
12 JUNE 2023

DRAWING NO.:
F501.00

STATE OF NEW YORK · JESSICA K. AGNOLI · LICENSED PROFESSIONAL ENGINEER · No. 071758

06/08/2023

A & J PROJECT No. 2301

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION
	SIMPLEX RECEPTACLE, 20A, 120V
GFI	DUPLEX RECEPTACLE, WALL RECESSED 20A, 120V. 'GFI' INDICATES WITH FAULT CIRCUIT INTERRUPTER. 'IG' INDICATES WITH ISOLATED GROUND. 'S' INDICATES WITH SURGE PROTECTION. 'F' INDICATES FURNITURE MOUNTED. 'U' INDICATES USB RECEPTACLE.'T' INDICATES OCCUPANCY SENSOR CONTROLLED RECEPTACLE.
	CEILING MOUNTED DUPLEX RECEPTACLE 1P-20A, 120V. FLUSH MOUNTED BELOW CEILING.
	FLOOR MOUNTED QUADRUPLEX RECEPTACLE, 20A, 120V. USE LEGRAND WIREMOLD RESOURCE SERIES FLOOR BOXES CAT# RFB4-SS. FLUSH STYLE FLANGED COVER.
GFI	QUADRUPLEX (DOUBLE DUPLEX) RECEPTACLE, WALL RECESSED 20A, 120V AS INDICATED. 'GFI' INDICATES WITH FAULT CIRCUIT INTERRUPTER. 'IG' INDICATES WITH ISOLATED GROUND. 'S' INDICATES WITH SURGE PROTECTION. 'F' INDICATES FURNITURE MOUNTED. 'U' INDICATES USB RECEPTACLE.'T' INDICATES OCCUPANCY SENSOR CONTROLLED RECEPTACLE.
	SPECIAL RECEPTACLE, REFER TO DRAWING FOR NEMA TYPE AND CURRENT RATING.
	NEMA L6 TWIST LOCK RECEPTACLE 208, 3 WIRE, REFER TO DRAWING FOR CURRENT RATING.
J OR J	UNIVERSAL JUNCTION BOX, CONNECT IN HUNG CEILING. CONTRACTOR TO PROVIDE THE FINAL WIRING CONNECTIONS TO THE EQUIPMENT SERVED FROM THE JUNCTION BOX.
	OUTLET(JUNCTION BOX) 4" SQUARE BOX MINIMUM. CONTRACTOR TO PROVIDE THE FINAL WIRING CONNECTIONS TO THE EQUIPMENT SERVED FROM THE JUNCTION BOX.
S_M	MOTOR RATED SWITCH, NEMA-1 ENCLOSURE, U.O.N., "2M" INDICATES TWO POLE
	UNDER FLOOR CONDUIT.
	CONDUIT IN WALL OR IN CEILING.
	DEDICATED BRANCH CIRCUIT, HOMERUN TO PANEL.
	MULTI-WIRE AND DEDICATED BRANCH CIRCUITS HOMERUN TO PANEL. ARROWS DENOTE HOMERUNS OF PARTICULAR CIRCUITS AND QUANTITY OF 1P-20A CIRCUITS.
	ELECTRICAL PANEL, 120/280V OR 277/480V AS NOTED. CU BUS, BOLT-ON CIRCUIT BREAKERS AND SEPARATE CU GROUND BUS.
3P-30A/30AF NEMA 1	FUSED DISCONNECT SWITCH, TEXT INDICATES NUMBER OF POLES, RATING, FUSE RATING, AND ENCLOSURE TYPE.
3P-30A NEMA 1	NON-FUSED DISCONNECT SWITCH, TEXT INDICATES NUMBER OF POLES, RATING, AND ENCLOSURE TYPE.
	COMBINATION DISCONNECT AND MOTOR STARTER H.O.A. NEMA-1 U.O.N. SIZE AS REQUIRED BY MOTOR SERVED.
00	MOTOR STARTER OR CONTACTOR. SUBSCRIPT DENOTES SIZE.
VFD	VARIABLE FREQUENCY DRIVE.
X	MOTOR, HORSEPOWER INSCRIBED
	CIRCUIT BREAKER
	FUSED SWITCH, TEXT INDICATES SWITCH AND FUSE RATINGS
	UNFUSED SWITCH
M	CURRENT TRANSFORMER AND METER
100AS 100AF	GROUND BUS BAR
	COMBINATION POWER AND DATA FLUSH FLOOR BOX WITH FLUSH STYLE COVER. PROVIDE TWO (2) DUPLEX 20A RECEPTACLES AND MOUNTING BRACKETS FOR TWO (2) RJ45 JACKS.
	WALL MOUNTED DOUBLE GANG DATA OUTLET BOX. PROVIDE 1 -1/4" EMPTY CONDUIT WITH PULL STRING AND BACKBOX (4" X4" SWITCH BOX WITH 2" DEEP) TO NEAREST ACCESSIBLE CEILING.
	WALL MOUNTED DUPLEX VOICE/DATA (DOUBLE GANG) OUTLET BOX. PROVIDE EMPTY 1-1/4" CONDUIT WITH PULL STRING AND BACKBOX (4" X4" SWITCH BOX WITH 2" DEEP) TO NEAREST ACCESSIBLE CEILING.
	FLUSH MOUNT 4-11/16 BOX WITH ADAPTOR PLATE TO ACCEPT FLEXIBLE FEED TO WORKSTATION/S. CONTRACTOR SHALL PROVIDE FURNITURE WHIP. FLUSH MOUNT 4-11/16 BOX WITH 1-1/4" EMPTY CONDUIT INTO NEAREST ACCESSIBLE CEILING. PROVIDE ADAPTOR PLATE TO ACCOMMODATE CAT-6 CABLES BY OTHERS.
	FLUSH MOUNT 4-11/16 BOX WITH ADAPTOR PLATE TO ACCEPT FLEXIBLE FEED TO WORKSTATION/S. CONTRACTOR SHALL PROVIDE FURNITURE WHIP.
W	WIRELESS ACCESS POINT DOUBLE GANG OUTLET BOX
CR	CARD READER, SECURITY SYSTEM. PROVIDE DOUBLE GANG OUTLET BOX AND 3/4" EMPTY CONDUIT WITH PULL STRING TO THE ACCESSIBLE CEILING.
	CEILING MOUNTED VOICE & DATA OUTLET DOUBLE BOX. PROVIDE 3/4" EMPTY CONDUIT WITH PULL STRING AND BACKBOX.
AV	COMBINATION POWER, DATA AND AV COMPONENTS FLOOR MULTIPLE SERVICE BOX. AV INDICATES AV SYSTEM. PROVIDE DUPLEX 20A RECEPTACLE AND MOUNTING BRACKETS FOR TWO (2) RJ45 JACKS.
PP	POWER PACK FOR AUTOMATIC CONTROLLED RECEPTACLES
S_P	PROJECTOR SCREEN SWITCH.
	SECURITY CAMERA (BY OTHERS)
	COMBINATION POWER AND DATA COMPONENTS FLOOR MULTIPLE SERVICE BOX. PROVIDE QUAD 20A RECEPTACLE AND MOUNTING BRACKETS FOR SIX (6) RJ45 JACKS.
RC	ROOM CONTROLLER FOR LIGHTING

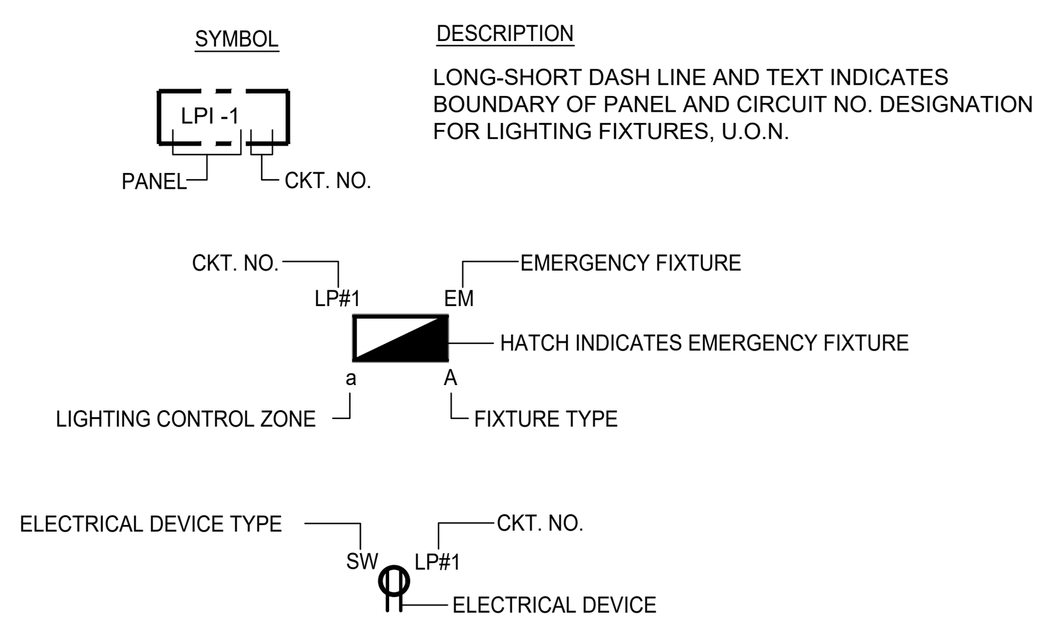
LIGHTING SYMBOLS

NOTES:

1. UPPERCASE SUBSCRIPT ON LIGHTING FIXTURES DENOTES FIXTURE TYPE. LOWERCASE SUBSCRIPT DENOTES SWITCH CONTROL.
2. REFER TO LIGHTING FIXTURE SCHEDULE FOR LIGHTING FIXTURE SPECIFICATIONS.

SYMBOL	DESCRIPTION
A a	2'x2' LIGHTING FIXTURE.
A a	DOWNLIGHT LIGHTING FIXTURE.
	1'X4' PENDANT MOUNTED LIGHTING FIXTURE.
	EXIT LIGHT. ARROWS INDICATE DIRECTION OF TRAVEL. 120/277 VOLT, SINGLE OR DOUBLE FACED AS NOTED.
	LIGHTING FIXTURES PROVIDED WITH EMERGENCY GENERATOR POWER BACK-UP. SUBSCRIPT `EM' DENOTES SWITCHED LIGHTING FIXTURES. SUBSCRIPT `EM/NL' DENOTES UNSWITCHED NIGHT LIGHTS.
S_a	SINGLE POLE TOGGLE SWITCH. LOWERCASE SUBSCRIPT DENOTES FIXTURES CONTROLLED. '4B' INDICATES 4-BUTTON SWITCH. L- INDICATES LOW VOLTAGE DIMMER SWITCH. 'OS' INDICATES OCCUPANCY SENSOR SWITCH.
OS	LOW VOLTAGE OCCUPANCY SENSOR FOR LIGHTING CONTROL, CEILING MOUNT.
VS	VACANCY SENSOR.
DS	DAYLIGHT SENSOR.
	EMERGENCY WALL FIXTURE WEATHER PROOF WITH PHOTO CELL

LEGEND



REMOVALS

SYMBOL	DESCRIPTION
R	DASHED SYMBOL WITH SUBSCRIPT 'R' INDICATES EXISTING DEVICE TO BE REMOVED. INSTALL OUTLET COVER/BLANK PLATE.
ER	DASHED SYMBOL WITH SUBSCRIPT 'ER' INDICATES EXISTING DEVICE TO REMAIN.
ETR	DASHED SYMBOL WITH SUBSCRIPT 'ETR' INDICATES EXISTING DEVICE TO BE RELOCATED.
RL	DASHED SYMBOL WITH SUBSCRIPT 'RL' INDICATES RELOCATED DEVICE.
ERN	EXISTING DEVICE TO BE REMOVED AND REPLACED WITH NEW DEVICE AT SAME LOCATION.
	CONDUIT AND WIRE RUN EXPOSED OR CONCEALED IN FLOOR, CEILING OR WALL TO BE REMOVED. ARROWS DENOTE HOMERUN OF PARTICULAR CIRCUIT.

LEGEND:

	NEW EQUIPMENT, WIRING AND CONDUIT
	EXISTING EQUIPMENT, WIRING AND CONDUIT TO REMAIN
	EXISTING EQUIPMENT, WIRING AND CONDUIT TO BE REMOVED

GENERAL CONSTRUCTION NOTES:

1. THE INTENT OF THE CONTRACT DOCUMENTS IS TO ALLOW FOR THE PERFORMANCE OF THE WORK. EVERY ITEM NECESSARILY REQUIRED MAY NOT BE SPECIFICALLY MENTIONED OR SHOWN. UNLESS EXPRESSLY STATED, ALL SYSTEMS AND EQUIPMENT SHALL BE COMPLETED AND APPROPRIATELY OPERABLE. FURNISH AND INSTALL ALL SPECIFIED AND APPROPRIATED ITEMS, AND ALL INCIDENTAL, ACCESSORY, AND OTHER ITEMS NOT SPECIFIED BUT REQUIRED FOR A COMPLETE AND FINISHED ASSEMBLY.
2. NO WORK DEFECTIVE IN WORKMANSHIP OR QUALITY OR DEFICIENT IN ANY REQUIREMENTS OF THE CONTRACT DOCUMENTS WILL BE ACCEPTABLE DESPITE THE ARCHITECT'S FAILURE TO DISCOVER OR POINT OUT DEFECTS OR DEFICIENCIES DURING CONSTRUCTION. DEFECTIVE WORK REVEALED WITHIN THE TIME REQUIRED BY GUARANTEES SHALL BE REPLACED BY WORK CONFORMING WITH THE INTENT OF THE CONTRACT. NO PAYMENT, EITHER PARTIAL OR FINAL, SHALL BE CONSTRUED AS AN ACCEPTANCE OF DEFECTIVE WORK OR IMPROPER MATERIALS.
3. PATCH AND REPAIR ALL FIREPROOFING DAMAGE INCURRED DURING DEMOLITION AND/OR CONSTRUCTION. FIREPROOF AS REQUIRED BY CODE ALL NEW PENETRATIONS GENERATED BY THE WORK DESCRIBED IN THESE DOCUMENTS.
4. DURING THE COURSE OF CONSTRUCTION, ACTUAL LOCATIONS OF CONSTRUCTION ITEMS DENOTED IN THE CONSTRUCTION DOCUMENTS SHALL BE INDICATED TO SCALE, IN CONTRASTING INK ON THE DRAWINGS FOR ALL RUNS OF MECHANICAL, SPRINKLER, PLUMBING, AND ELECTRICAL WORK; INCLUDING SITE UTILITIES AND CONCEALED DEVIATIONS FROM THE DRAWINGS. UPON COMPLETION OF THE PROJECT THE ARCHITECT WILL PROVIDE THE CONTRACTOR WITH A REPRODUCIBLE SET OF ORIGINAL DOCUMENTS FOR "AS-BUILT" DOCUMENTATION. THIS SET SHALL BE CONSPICUOUSLY MARKED "AS-BUILTS" AND DELIVERED TO THE ARCHITECT.
5. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ISSUES, THE CONTRACTOR SHALL SUBMIT THEM, IN WRITING, TO THE ARCHITECT AND IS RESPONSIBLE FOR OBTAINING A WRITTEN CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH WORK IN QUESTION, OR RELATED WORK.
6. EXECUTE WORK IN ACCORDANCE WITH ANY AND ALL APPLICABLE LOCAL, STATE, FEDERAL CODES, MANUFACTURER'S RECOMMENDATIONS, TRADE AND REFERENCE STANDARDS INCLUDING BUT NOT LIMITED TO: SEISMIC CODES, NEC, NFPA, ASMC, LATEST ENFORCED EDITIONS.
7. ALL INSTALLED PLUMBING, MECHANICAL, AND ELECTRICAL EQUIPMENT SHALL OPERATE QUIETLY AND FREE OF VIBRATION.
8. UPON NOTIFICATION OF COMPLETION OF THE WORK AND DELIVERY OF THE CONTRACTOR'S PUNCH-LIST, THE ARCHITECT SHALL PREPARE A PUNCH- LIST OF CORRECTIONS, UNSATISFACTORY AND/OR INCOMPLETE WORK, FINAL PAYMENT WILL BE CONTINGENT UPON THE COMPLETION OF THESE ITEMS UNDER THE TERMS OF THE OWNER/CONTRACTOR AGREEMENT.
9. ALL MATERIALS SHALL BE NEW, UNUSED, AND OF THE HIGHEST QUALITY IN EVERY RESPECT UNLESS OTHERWISE NOTED. MANUFACTURED MATERIALS AND EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS, U.O.N.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK.
11. "SIMILAR" OR "SIM." MEANS COMPARABLE CHARACTERISTICS TO THE CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN.
12. ALL DRAWINGS AND WRITTEN MATERIAL HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT, AND THE SAME MAY NOT BE DUPLICATED, USED, OR DISCLOSED WITHOUT THE WRITTEN CONSENT TO THE ARCHITECT.

ABBREVIATIONS

A	AMPERES
AFF	ABOVE FLOOR FINISH
B.O.	BY OTHERS
C OR CDT	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
EC	ELECTRICAL CONTRACTOR
EQP	EQUIPMENT
E	EXISTING
EL	ELEVATOR RECALL
ER	EXISTING TO REMAIN
FACP	FIRE ALARM CONTROL PANEL
GND	GROUND
G	WIRE GUARD
GRD	GROUNDING
JB	JUNCTION BOX
KV	KILOVOLTS
KVA	KILOVOLT AMPERES
KW	KILOWATTS
LTG	LIGHTING
LV	LOW VOLTAGE
MTD	MOUNTED
NTS	NOT TO SCALE
R	REMOVE
RE	RELOCATE TO POSITION INDICATED
RL	RELOCATED POSITION
TEL	TELEPHONE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLTS
W	WATTS
WP	WEATHERPROOF
XFMR	TRANSFORMER

NOTE:

ALL ABBREVIATIONS AND SYMBOLS MAY NOT APPEAR ON THE DRAWINGS FOR THIS PROJECT.

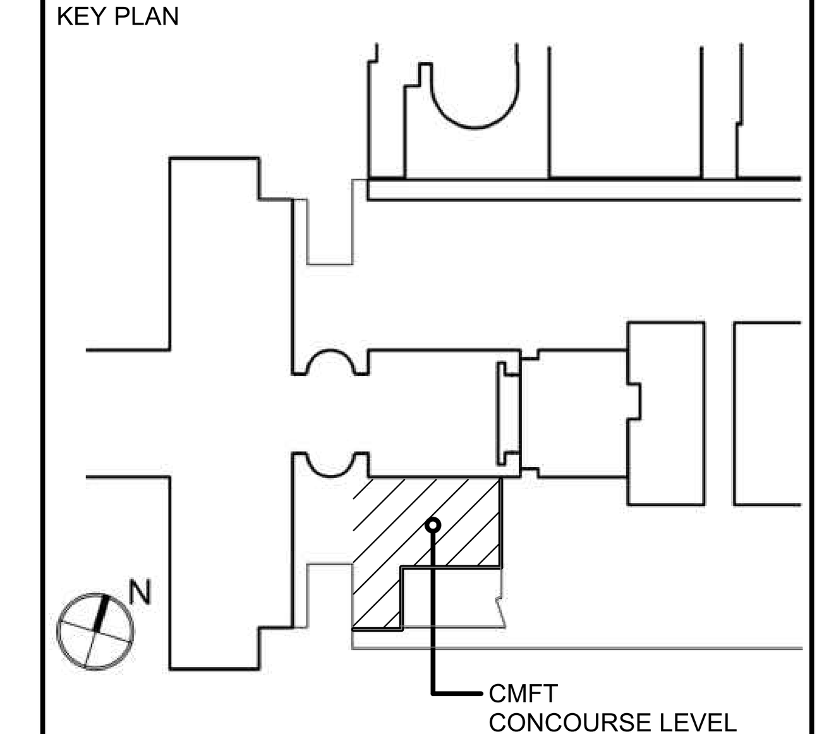
ELECTRICAL NOTES:

1. THE WORD PROVIDE IN THESE ELECTRICAL SPECIFICATIONS AND DRAWINGS MEANS TO FURNISH AND INSTALL.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL CHASES, OPENINGS, HOLES, SLEEVES, DRILLING ETC. PERTAINING TO HIS WORK.
3. SUBMIT SHOP DRAWINGS FOR ALL ELECTRICAL EQUIPMENT AND DEVICES.
4. FLEXIBLE STEEL CONDUITS MAY BE USED ABOVE HUNG CEILING AND IN WALLS IN LENGTHS FOR MOVABLE EQUIPMENT ONLY. THE MAXIMUM LENGTH SHALL BE 6'. ALL METAL CONDUIT SHALL BE GALVANIZED ELECTRIC METALLIC TUBING WITH SET-SCREW FITTINGS.
5. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED.
6. ALL RECEPTACLES SHALL BE MOUNTED AT 18" TO CENTER UNLESS OTHERWISE NOTED ON THE DRAWINGS.
7. FURNITURE, IF SHOWN, IS FOR REFERENCE ONLY AND IS NOT IN CONTRACT, U.O.N.
8. ALL EXISTING AND NEW FLOOR OR WALL PENETRATIONS FOR CONDUITS SHALL BE FULLY PACKED AND SEALED IN ACCORDANCE WITH THE APPLICABLE BUILDING AND FIRE CODES.
9. FURNISH AND INSTALL UNDERWRITERS LABORATORIES, INC. (UL) LABELED DEVICES THROUGHOUT.
10. WALL MOUNTED INITIATING AND ALARM DEVICES SHALL BE FLUSH MOUNTED IN ACCESSIBLE AND NEW PARTITIONS.
11. DUCT SMOKE DETECTORS SHALL BE FURNISHED, INSTALLED & WIRED TO THE FIRE ALARM SYSTEM BY THE CONTRACTOR. EACH DUCT SMOKE DETECTOR SHALL HAVE A REMOTE ALARM INDICATOR/TEST KEY SWITCH, INSTALLED AND WIRED BY THE CONTRACTOR.
12. COMBINATION CIRCUIT BREAKER DISCONNECT AND STARTERS ARE SUPPLIED BY TRADE PROVIDING MOTOR. CONTRACTOR SHALL INSTALL WIRE AND COORDINATE LOCATION WITH TRADE SUPPLYING THE COMBINATION DISCONNECT AND STARTER.
13. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND ARE INTENDED TO CONVEY THE SCOPE OF WORK AND INDICATE GENERAL ARRANGEMENT OF EQUIPMENT, DUCTS, CONDUITS, PIPING AND FIXTURES. LOCATIONS OF ALL ITEMS SHOWN IN THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. DO NOT SCALE DRAWINGS. CONTRACTOR IS RESPONSIBLE TO SUBMIT HIS/HER SHOP DRAWINGS AFTER COORDINATION WITH OTHER TRADES AND VERIFYING FIELD CONDITIONS. THE CONTRACTOR MAY OBTAIN THE CAD FILES FOR THE FLOOR PLANS AND REFLECTED CEILING PLANS FROM THE ARCHITECT. HE/SHE MUST GENERATE HIS/HER OWN SHOP DRAWINGS ON CAD FOR M-E-P-FP TRADES BASED ON THE FIELD CONDITIONS AND /OR COORDINATION WITH OTHER TRADES. EQUIPMENT LOCATIONS, ROUTING OF DUCTWORK, PIPING AND ELECTRICAL CONDUITS, ETC. SHALL SECURE THE BEST CONDITIONS AND RESULTS AND SHALL BE DETERMINED BY THE CONTRACTOR AT THE PROJECT. SHOP DRAWINGS SHALL HAVE THE APPROVAL OF THE ARCHITECT/ENGINEER BEFORE PROCUREMENT AND INSTALLATION OF ANY ITEM.
14. REFER TO LIGHTING FIXTURE SPECIFICATIONS FOR FOR FIXTURE TYPES AND REQUIREMENTS. WIRE IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES AND WIRING DIAGRAMS. DO NOT EXCEED MANUFACTURER'S RECOMMENDED DISTANCES.
15. REFER TO ARCHITECTURAL RCP PLANS FOR EXACT LOCATIONS OF LIGHTING FIXTURES AND EXIT SIGNS. THESE DRAWINGS INDICATE CIRCUITING FOR LIGHTING FIXTURES ONLY.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
ELECTRICAL SYMBOL, ABBREVATION AND NOTES

SCALE:
As indicated

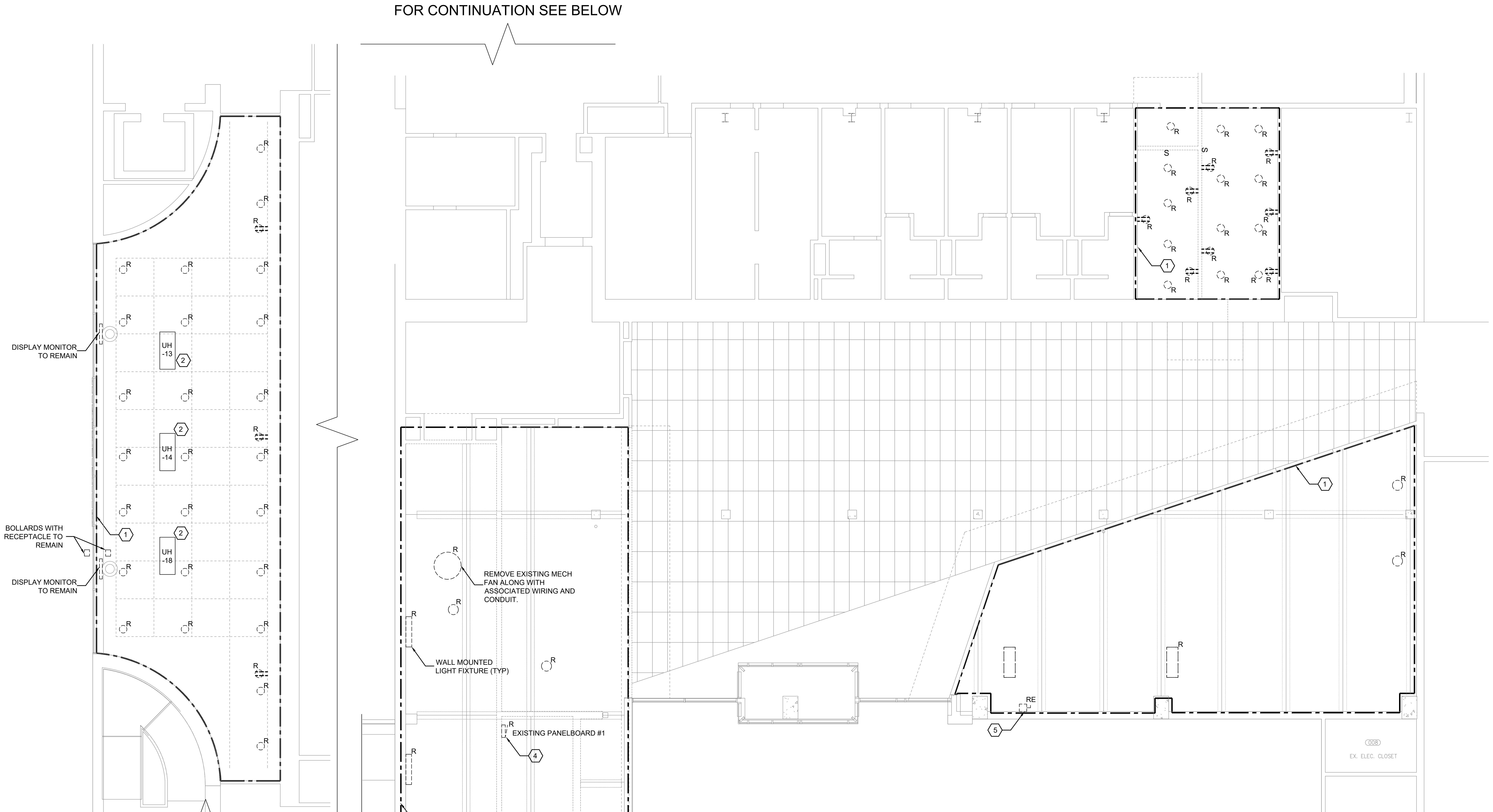
DATE:
12 JUNE 2023

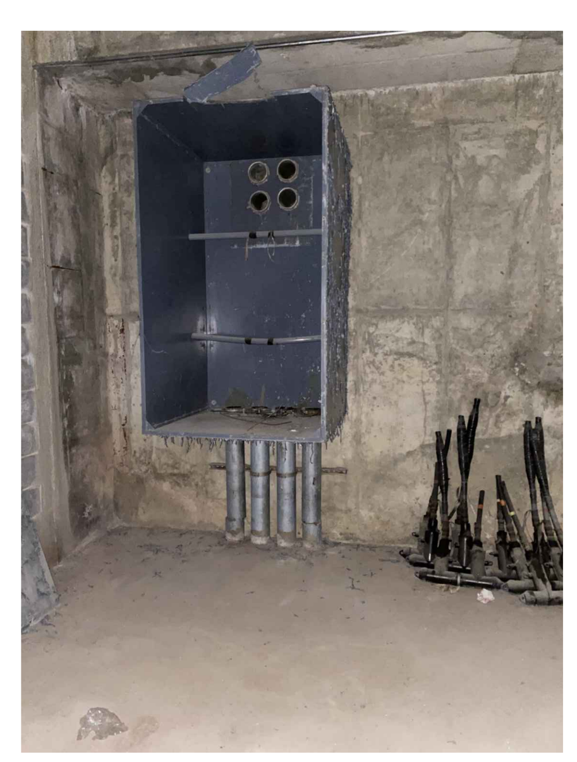
DRAWING NO.:
E001.00

STATE OF NEW YORK
LICENSED PROFESSIONAL ENGINEER
No. 071758

06/08/2023

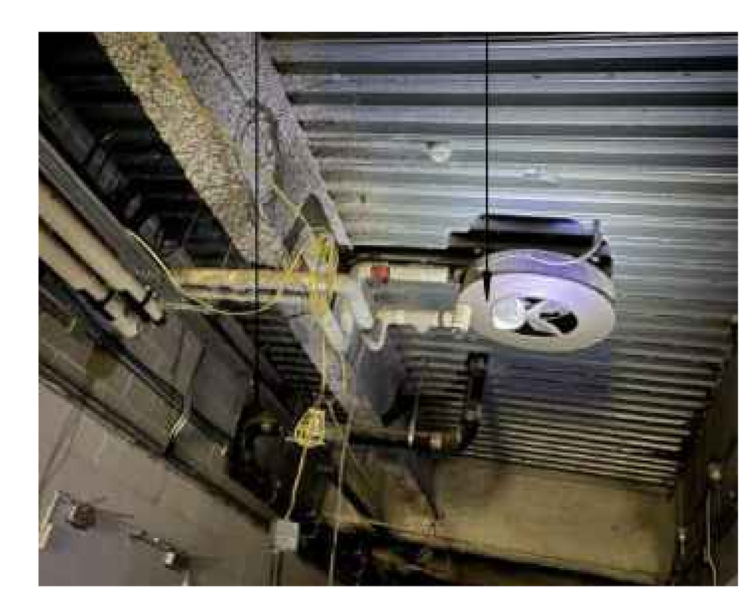
A & J PROJECT No. 2301




EXISTING PULL BOX #1


EXISTING PULL BOXES #2


EXISTING PANELBOARD #1


EXISTING MECH FAN

1 ED01 CONCOURSE LEVEL REMOVAL
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO E001.00 FOR SYMBOLS, ABBREVIATIONS & NOTES.
2. REFER TO E701.00 FOR DETAILS.
3. THE DRAWINGS DO NOT SHOW ALL REMOVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING A WALK-THROUGH OF THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND COORDINATE THE EXACT CONTENT OF DEMOLITION REQUIRED TO FACILITATE NEW WORK.
4. REFER TO MECHANICAL DRAWINGS FOR REMOVAL OF MECHANICAL EQUIPMENT. ALL ELECTRICAL EQUIPMENT, CONDUITS AND WIRING ASSOCIATED WITH THE REMOVAL OF MECHANICAL EQUIPMENT SHALL BE REMOVED.
5. ALL EXISTING LIGHT FIXTURES IN THE AREA OF SCOPE OF WORK SHALL BE REMOVED ALONG WITH SUPPORTS, CONDUITS AND WIRING UP TO THE SOURCE.
6. ALL EXISTING LIGHTING CONTROL DEVICES SHALL BE REMOVED ALONG WITH CONDUITS AND WIRING UP TO THE SOURCE.

SHEET NOTES

1. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXTENT OF DEMOLITION. CONTRACTOR SHALL MAINTAIN THE BRANCH CIRCUIT TO POWER EQUIPMENT LOCATED OUTSIDE OF THE WORK AREA WHILE DOING THE RENOVATION WORKS.
2. ELECTRICAL CONNECTION TO THE EXISTING UNIT HEATERS SHALL REMAIN.
3. REMOVE EXISTING PULL BOX AND ASSOCIATED CONDUITS. CUT AND CAP THE CONDUITS FLUSH TO THE WALL AND FLOOR. WIRING TO BE CAPPED, LABELED AND ABANDONED.
4. REMOVE EXISTING PANELBOARD AND ASSOCIATED EMPTY CONDUIT BACK TO THE SOURCE. WIRING TO BE CAPPED, LABELED AND ABANDONED.
5. RELOCATE THE EXISTING DISCONNECT SWITCH TO THE EXISTING ELECTRICAL ROOM(008). EXTEND THE WIRING AND CONDUIT AS REQUIRED.

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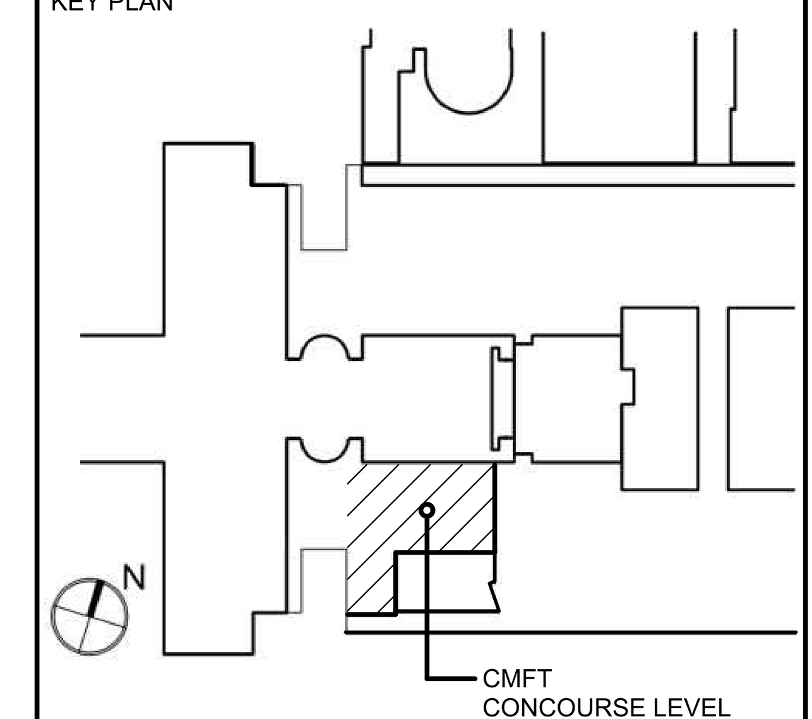

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1906
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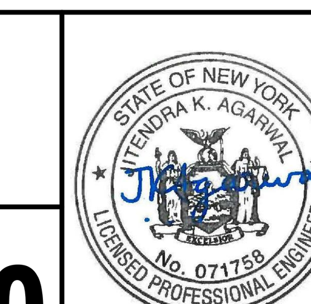
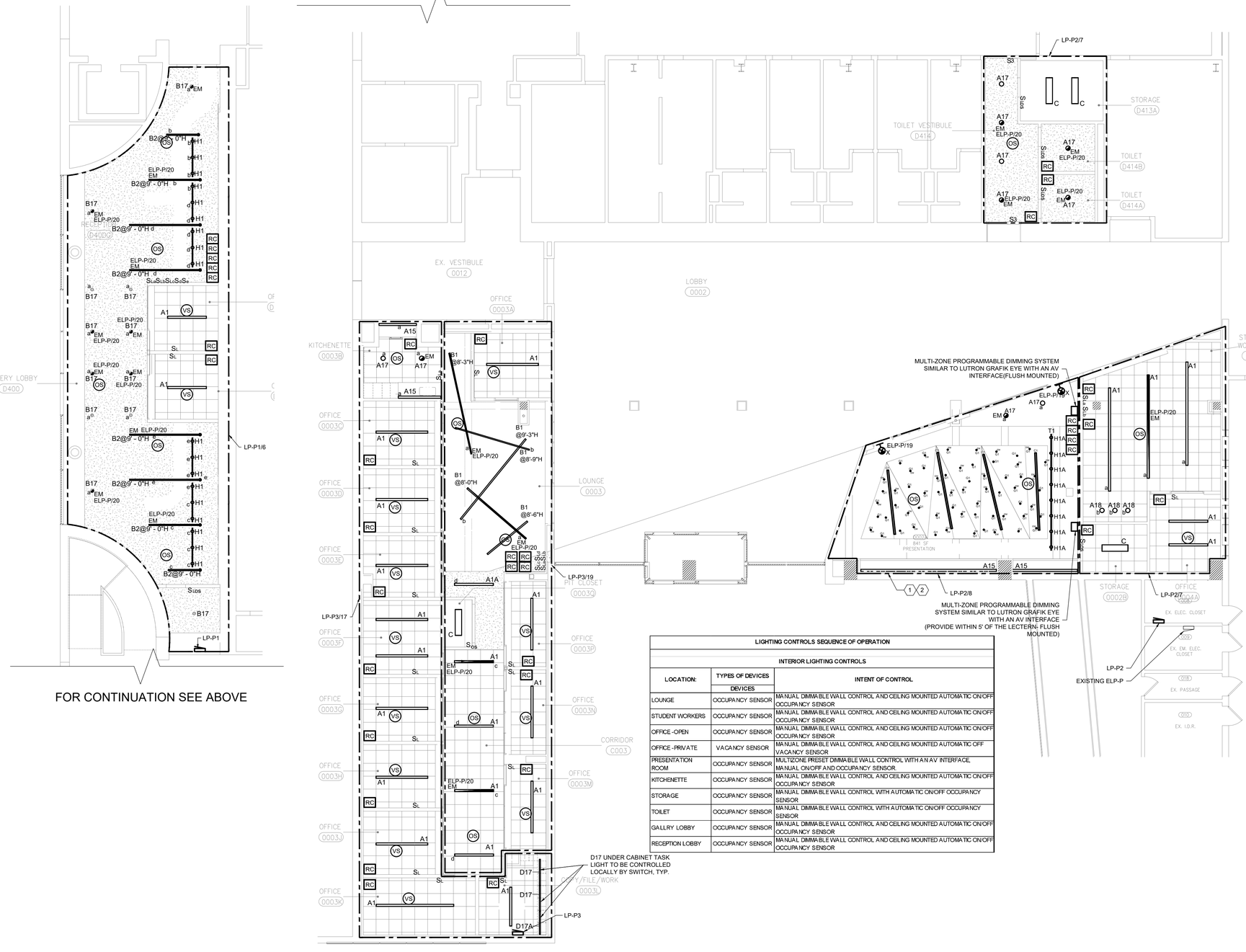


DRAWING NO.:
ED01.00

06/08/2023

A & J PROJECT No. 2301



LIGHTING CONTROLS SEQUENCE OF OPERATION

INTERIOR LIGHTING CONTROLS

LOCATION:	TYPES OF DEVICES	INTENT OF CONTROL
	DEVICES	
LOUNGE	OCCUPANCY SENSOR	MANUAL DIMMABLE WALL CONTROL AND CEILING MOUNTED AUTOMATIC ON/OFF OCCUPANCY SENSOR
STUDENT WORKERS	OCCUPANCY SENSOR	MANUAL DIMMABLE WALL CONTROL AND CEILING MOUNTED AUTOMATIC ON/OFF OCCUPANCY SENSOR
OFFICE -OPEN	OCCUPANCY SENSOR	MANUAL DIMMABLE WALL CONTROL AND CEILING MOUNTED AUTOMATIC ON/OFF OCCUPANCY SENSOR
OFFICE -PRIVATE	VACANCY SENSOR	MANUAL DIMMABLE WALL CONTROL AND CEILING MOUNTED AUTOMATIC OFF VACANCY SENSOR
PRESENTATION ROOM	OCCUPANCY SENSOR	MULTIZONE PRESET DIMMABLE WALL CONTROL WITH AN A/V INTERFACE, MANUAL ON/OFF AND OCCUPANCY SENSOR.
KITCHENETTE	OCCUPANCY SENSOR	MANUAL DIMMABLE WALL CONTROL AND CEILING MOUNTED AUTOMATIC ON/OFF OCCUPANCY SENSOR
STORAGE	OCCUPANCY SENSOR	MANUAL DIMMABLE WALL CONTROL WITH AUTOMATIC ON/OFF OCCUPANCY SENSOR
TOILET	OCCUPANCY SENSOR	MANUAL DIMMABLE WALL CONTROL WITH AUTOMATIC ON/OFF OCCUPANCY SENSOR
GALLRY LOBBY	OCCUPANCY SENSOR	MANUAL DIMMABLE WALL CONTROL AND CEILING MOUNTED AUTOMATIC ON/OFF OCCUPANCY SENSOR
RECEPTION LOBBY	OCCUPANCY SENSOR	MANUAL DIMMABLE WALL CONTROL AND CEILING MOUNTED AUTOMATIC ON/OFF OCCUPANCY SENSOR

GENERAL NOTES

1. REFER TO E001.00 FOR SYMBOLS, ABBREVIATIONS & NOTES.
2. REFER TO E501.00 FOR RISER AND SCHEDULES.
3. REFER TO E701.00 FOR DETAILS.
4. ALL CABLES ABOVE THE CEILING WILL BE INSTALLED IN RACEWAYS.
5. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF RECEPTACLES FOR TELEVISIONS.
6. REFER TO LIGHTING CONSULTANT DRAWING FOR FIXTURE TYPES.
7. ALL EMERGENCY LIGHTS SHALL BE CONNECTED TO PANEL "ELP-P" VIA UL 924 RELAY WITH 2#12+1#12G IN 3/4"C IN ADDITION TO NORMAL POWER CIRCUIT FOR FIXTURE CONTROL ALONG WITH NON EMERGENCY LIGHTING FIXTURE .

SHEET NOTES

1. EMERGENCY LIGHTS SHALL BE CONNECTED TO PANEL "ELP-P" CIRCUIT #20.
2. THE H1A, G1, AND C1 FIXTURES SHALL BE ON INDIVIDUAL ZONES.

1 E100 — CONCOURSE LEVEL PLAN-LIGHTING

1/8" = 1'-0"

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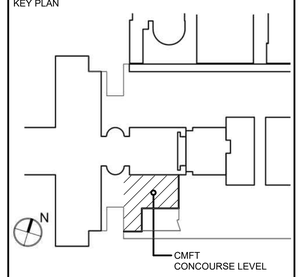
KEY PLAN



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Purchase, NY 10577

DRAWING TITLE:

CONCOURSE LEVEL PLAN-LIGHTING

SCALE: As indicated

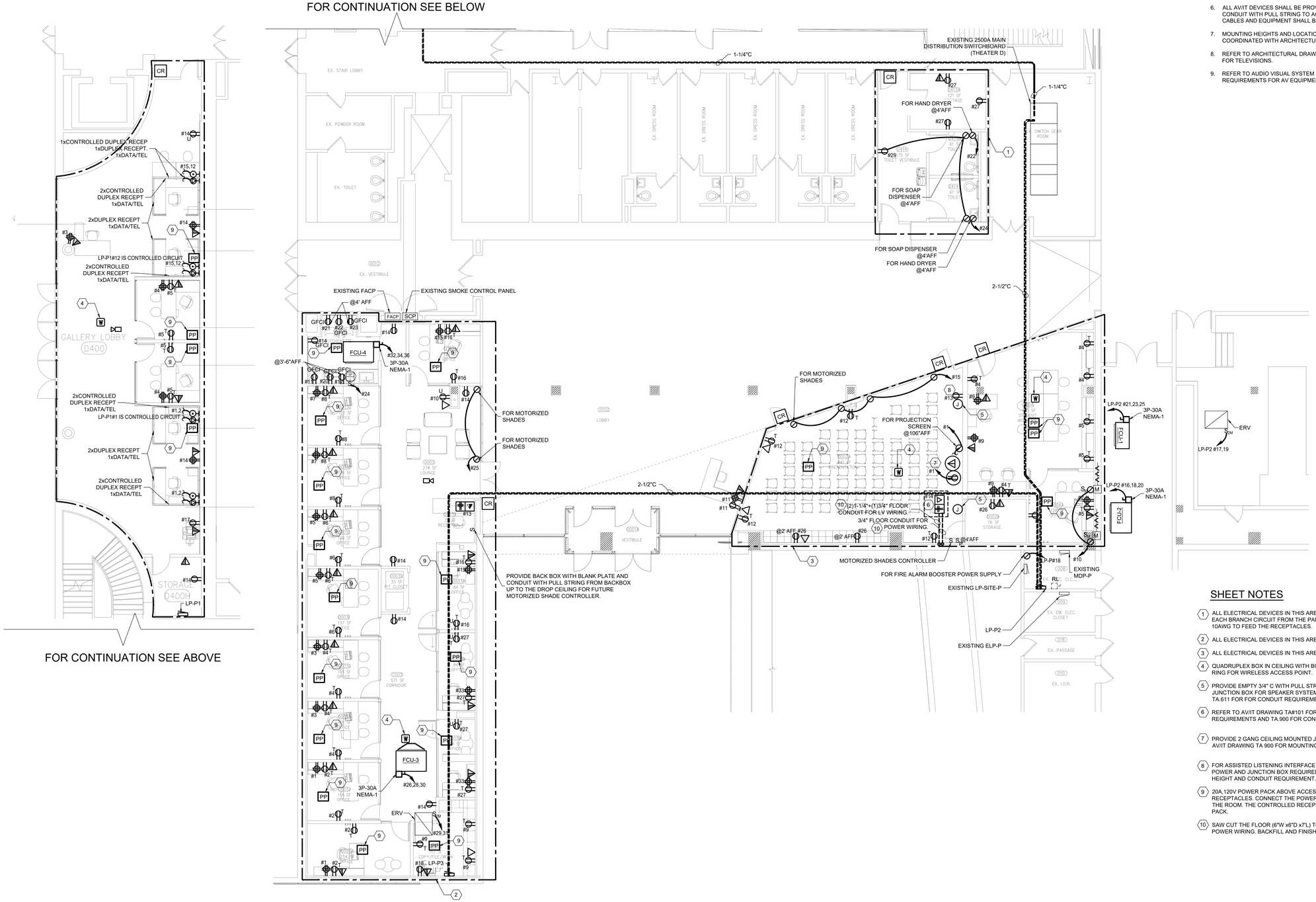
DATE: 12 JUNE 2023

DRAWING NO.: **E100.00**

STATE OF NEW YORK · DEBORA K. ACARINO · LICENSED PROFESSIONAL ENGINEER · No. 071158

06/08/2023

A & J PROJECT No. 2301



GENERAL NOTES

1. REFER TO E001.00 FOR SYMBOLS, ABBREVIATIONS & NOTES.
2. REFER TO E501.00 FOR RISER AND SCHEDULES.
3. REFER TO E701.00 FOR DETAILS.
4. ALL BRANCH CIRCUIT WIRING ABOVE THE CEILING SHALL BE INSTALLED IN RACEWAYS..
5. COVER PLATES OF ALL NEW RECEPTACLES SHALL BE TAGGED WITH CIRCUIT NUMBERS AND SOURCE POWER.
6. ALL AV/IT DEVICES SHALL BE PROVIDED WITH BACK BOX ONLY. PROVIDE EMPTY CONDUIT WITH PULL STRING TO ACCESSIBLE CEILING ABOVE. LOW VOLTAGE CABLES AND EQUIPMENT SHALL BE PROVIDED BY CTS(COLLEGE) .
7. MOUNTING HEIGHTS AND LOCATIONS OF ALL RECEPTACLES SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS.
8. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF RECEPTACLES FOR TELEVISIONS.
9. REFER TO AUDIO VISUAL SYSTEM DRAWINGS FOR DATA,CONDUIT,WALL/FLOOR BOX REQUIREMENTS FOR AV EQUIPMENT.

SHEET NOTES

1. ALL ELECTRICAL DEVICES IN THIS AREA SHALL BE CONNECTED TO PANEL -LP-P1. EACH BRANCH CIRCUIT FROM THE PANEL BOARD SHALL BE 8AWG AND SPLICE WITH 10AWG TO FEED THE RECEPTACLES.
2. ALL ELECTRICAL DEVICES IN THIS AREA SHALL BE CONNECTED TO PANEL -LP-P3.
3. ALL ELECTRICAL DEVICES IN THIS AREA SHALL BE CONNECTED TO PANEL -LP-P2.
4. QUADRUPLEX BOX IN CEILING WITH BOX EXTENSION RING AND SINGLE GANG MUD RING FOR WIRELESS ACCESS POINT.
5. PROVIDE EMPTY 3/4" C WITH PULL STRING UP TO ACCESSIBLE CEILING AND 1 GANG JUNCTION BOX FOR SPEAKER SYSTEM WIRING. REFER TO DRAWING TA.900 AND TA.611 FOR FOR CONDUIT REQUIREMENTS AND EXACT LOCATION.
6. REFER TO AV/IT DRAWING TA#101 FOR POWER,DATA AND FLOOR BOX REQUIREMENTS AND TA.900 FOR CONDUIT REQUIREMENTS.
7. PROVIDE 2 GANG CEILING MOUNTED JUNCTION BOX FOR PROJECTOR. REFER TO AV/IT DRAWING TA 900 FOR MOUNTING HEIGHT AND CONDUIT REQUIREMENTS
8. FOR ASSISTED LISTENING INTERFACE SYSTEM. REFER TO DRAWING TA.101 FOR POWER AND JUNCTION BOX REQUIREMENTS. REFER TO TA.900 FOR MOUNTING HEIGHT AND CONDUIT REQUIREMENT.
9. 20A,120V POWER PACK ABOVE ACCESSIBLE CEILING FOR CONTROLLED RECEPTACLES. CONNECT THE POWER PACK TO THE OCCUPANCY SENSOR WITHIN THE ROOM. THE CONTROLLED RECEPTACLE SHALL BE CIRCUITED VIA THE POWER PACK.
10. SAW CUT THE FLOOR (6"W x6"D x7'L) TO INSTALL RACEWAYS FOR LOW VOLTAGE AND POWER WIRING. BACKFILL AND FINISH TO MATCH THE ADJACENT SURFACE.

CONCOURSE LEVEL PLAN-POWER AND LOW VOLTAGE SYSTEM

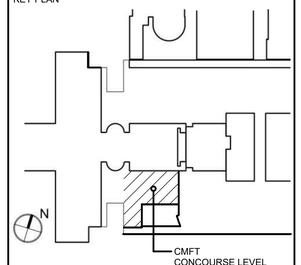
1 / E200 — 1/8" = 1'-0"

06/08/2023

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for
Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

CONCOURSE LEVEL PLAN-POWER AND LOW VOLTAGE SYSTEM

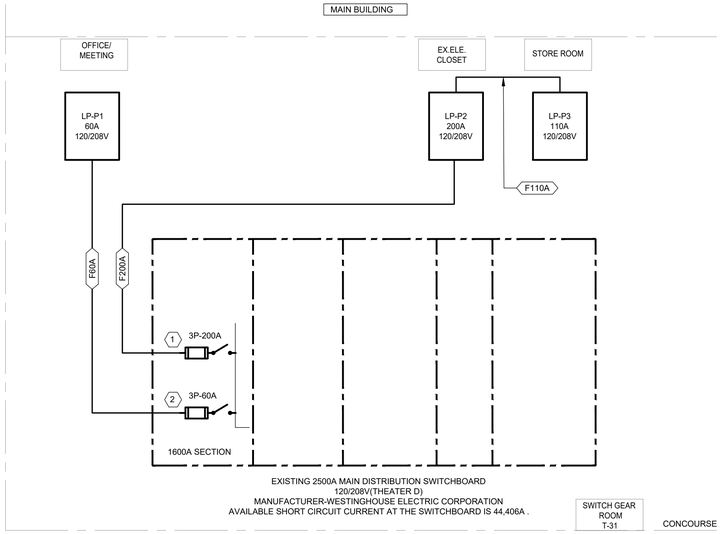
SCALE: As indicated

DATE: 12 JUNE 2023

DRAWING NO.: **E200.00**

STATE OF NEW YORK — SANDRA K. ACARINO — No. 071158 — LICENSED PROFESSIONAL ENGINEER

A & J PROJECT No. 2301



FEEDER SCHEDULE:

F60A	4#4 + 1#10G IN 1-1/4"C
F110A	4#4/0 + 1#2G IN 2-1/2"C
F200A	4#250MCM + 1#4G IN 2-1/2"C

SHEET NOTES:

1. PROVIDE 3P-200A SWITCH WITH 3-175A FUSE TO FEED THE NEW PANEL LP-P2, MATCH THE KAIC RATING.
2. PROVIDE 3P-60A SWITCH WITH 3-175A FUSE TO FEED THE NEW PANEL LP-P1, MATCH THE KAIC RATING.

1 E501.00 POWER RISER DIAGRAM

N.T.S.

PANEL SCHEDULE

PANEL I.D.: LP-P1 | AIC: 10 KAIC | FEEDER SIZE: SEE RISER DIAGRAM

VOLTAGE: 120/ 208 V | PHASE: 3 | WIRE: 4

MAIN: BUS: 100 AMPS; DEVICE: 60 AMPS; [X] MAIN BREAKER; [ ] LUGS ONLY; [ ] EXISTING; [X] NEW; [X] SURFACE; [ ] FLUSH; [ ] NEMA 3R

OPTIONS: [ ] 200% NEUTRAL; [X] EQUIPMENT GROUND BUS; [X] DOOR-INDOOR COVER; [ ] SUB-FEED MAIN CB; QTY: SIZE: ; [ ] OTHER: *

	VA	AMPS
TOTAL CONNECTED:		
LOAD:	9762	27.10
PHASE A:	3440	
PHASE B:	2280	
PHASE C:	4042	
DEMAND LOAD:	9762	27.10

CKT. NUM.	LOAD CON.	LOAD TYPE	DESCRIPTION	FEEDER SIZE	POLE	C.B. TRIP	A	B	C	C.B. TRIP	POLE	FEEDER SIZE	DESCRIPTION	LOAD CON.	LOAD TYPE	CKT. NUM.
1	1140	2	CUBICAL(D400E&F)	2#12+1#12G	1	20	2280			20	1	2#12+1#12G	CUBICAL(D400E&F)	1140	2	2
3	380	2	RECEPTION	2#12+1#12G	1	20		1140		20	1	2#12+1#12G	OFFICE(D400A&B) RECP	760	2	4
5	800	2	OFFICE(D400A&B) RECP	2#12+1#12G	1	20			1402	20	1	2#12+1#12G	LIGHTING	602	2	6
7			SPARE		1	20	0			20	1		SPARE			8
9			SPARE		1	20		0		20	1		SPARE			10
11			SPARE		1	20			1140	20	1	2#12+1#12G	CUBICAL(D400C&D)	1140	2	12
13			SPARE		1	20	1160			20	1	2#12+1#12G	OFFICES, WORK AREA REC	1,160	2	14
15	1,140	2	CUBICAL(D400C&D)	2#12+1#12G	1	20		1140		20	1		SPARE			16
17	1500	2	COPY MACHINE	2#12+1#12G	1	20			1500	20	1		SPARE			18
19			SPARE		1	20	0			20	1		SPARE			20
21			SPARE		1	20		0		20	1		SPARE			22
23			SPARE		1	20			0	20	1		SPARE			24
25			SPACE				0						SPACE			26
27			SPACE					0					SPACE			28
29			SPACE						0				SPACE			30

PANEL SCHEDULE

PANEL I.D.: LP-P3 | AIC: 10 KAIC | FEEDER SIZE: SEE RISER DIAGRAM

VOLTAGE: 120/ 208 V | PHASE: 3 | WIRE: 4

MAIN: BUS: 125 AMPS; DEVICE: 110 AMPS; [X] MAIN BREAKER; [ ] LUGS ONLY; [ ] EXISTING; [X] NEW; [X] SURFACE; [ ] FLUSH; [ ] NEMA 3R

OPTIONS: [ ] 200% NEUTRAL; [X] EQUIPMENT GROUND BUS; [X] DOOR-INDOOR COVER; [ ] SUB-FEED MAIN CB; QTY: SIZE: ; [ ] OTHER: INTEGRATED TVSS

	VA	AMPS
TOTAL CONNECTED:		
LOAD:	29676.2	82.38
PHASE A:	8463	
PHASE B:	7824	
PHASE C:	11189	
DEMAND LOAD:	29226.2	81.13

CKT. NUM	LOAD CON.	LOAD TYPE	DESCRIPTION	FEEDER SIZE	POLE	C.B. TRIP	A	B	C	C.B. TRIP	POLE	FEEDER SIZE	DESCRIPTION	LOAD CON.	LOAD TYPE	CKT. NUM
1	760	2	OFFICE. REC	2#12+1#12G	1	20	1560			20	1	2#12+1#12G	OFFICE. REC	800	2	2
3	760	2	OFFICE. REC	2#12+1#12G	1	20		1560		20	1	2#12+1#12G	OFFICE. REC	800	2	4
5	760	2	OFFICE. REC	2#12+1#12G	1	20			1560	20	1	2#12+1#12G	OFFICE. REC	800	2	6
7	760	2	OFFICE. REC	2#12+1#12G	1	20	1560			20	1	2#12+1#12G	OFFICE. REC	800	2	8
9	540	2	STORE/ COPY RM. REC	2#12+1#12G	1	20		1040		20	1	2#12+1#12G	GD LOUNGE	500	2	10
11	1000	2	KITCHEN REC	2#12+1#12G	1	20			2000	20	1	2#12+1#12G	KITCHEN REC	1000	2	12
13	380	2	RECEPTION. REC	2#12+1#12G	1	20	1380			20	1	2#12+1#12G	GD LOUNGE/KITCHEN	1000	2	14
15	760	2	OFFICE. REC	2#12+1#12G	1	20		1560		20	1	2#12+1#12G	OFFICE. REC	800	2	16
17	605	1	LIGHTING	2#12+1#12G	1	20			2305	20	1	2#12+1#12G	COPY ROOM	1500	1	18
19	959	1	LIGHTING	2#12+1#12G	1	20	959			20	1	2#12+1#12G	KITCHEN REC	1200	5	20
21	1000	5	KITCHEN REC	2#12+1#12G	1	20		1000		20	1	2#12+1#12G	KITCHEN REC	1000	5	22
23	1000	5	KITCHEN REC	2#12+1#12G	1	20			2920	20	1	2#12+1#12G	SP-1	1920	6	24
25	600	6	MOTORIZED SHADES	2#12+1#12G	1	20	1152			-	-	-	-	552	7	26
27	800	2	WORKSTATION	2#12+1#12G	1	20		1352		15	3	3#12+1#12G	FCU-3	552	7	28
29	1300	7	ERV	2#12+1#12G	2	20			1852	-	-	-	-	552	7	30
31	1300	7					1852			-	-	-	-	552	7	32
33	760	2	OFFICE. REC	2#12+1#12G	1	20		1312		15	3	3#10+1#10G	FCU-4	552	7	34
35		-	SPARE		1	20			552	-	-	-	-	552	7	36
37		-	SPARE		1	20	0			20	1		SPARE		-	38
39		-	SPARE		1	20		0		20	1		SPARE		-	40
41		-	SPACE		1	20			0	20	1		SPACE		-	42

PANEL SCHEDULE

PANEL I.D.: LP-P2 | AIC: 22 KAIC | FEEDER SIZE: SEE RISER DIAGRAM

VOLTAGE: 120/ 208 V | PHASE: 3 | WIRE: 4

MAIN: BUS: 200 AMPS; DEVICE: 175 AMPS; [X] MAIN BREAKER; [ ] LUGS ONLY; [ ] EXISTING; [X] NEW; [X] SURFACE; [ ] FLUSH; [ ] NEMA 3R

OPTIONS: [ ] 200% NEUTRAL; [X] EQUIPMENT GROUND BUS; [X] DOOR-INDOOR COVER; [ ] SUB-FEED MAIN CB; QTY: SIZE: ; [ ] OTHER: INTEGRATED TVSS

	VA	AMPS
TOTAL CONNECTED:		
LOAD:	47493	131.83
PHASE A:	17332	
PHASE B:	12734	
PHASE C:	17427	
DEMAND LOAD:	46590.5	129.33

CKT. NUM.	LOAD CON.	LOAD TYPE	DESCRIPTION	FEEDER SIZE	POLE	C.B. TRIP	A	B	C	C.B. TRIP	POLE	FEEDER SIZE	DESCRIPTION	LOAD CON.	LOAD TYPE	CKT. NUM.
1	800	2	PROJECTOR & SCREEN	2#12+1#12G	1	20	1360			20	1	2#12+1#12G	OFFICE. REC	560	2	2
3			SPARE		1	20		800		20	1	2#12+1#12G	WORK ROOM	800	2	4
5	800	2	OFFICE REC,WORK ROOM	2#12+1#12G	1	20			918	20	1	2#12+1#12G	LIGHTING	118	1	6
7	475	1	LIGHTING	2#12+1#12G	1	20	1019			20	1	2#12+1#12G	LIGHTING	544	1	8
9	1140	2	STUDENT WORK ROOM	2#12+1#12G	1	20		1240		20	1	2#12+1#12G	FSD	100	6	10
11	580	2	RECEPTION	2#12+1#12G	1	20			1380	20	1	2#12+1#12G	ORIENTATION	800	2	12
13	500	2	ASSISTED LISTENING	2#12+1#12G	1	20	1750			20	1	2#12+1#12G	AV RACK	1250	2	14
15	150	6	MOTORIZED SHADES	2#12+1#12G	1	20		702		-	-			552	7	16
17	1300	7	ERV	2#12+1#12G	2	15			1852	15	3	3#12+1#12G	FCU-2	552	7	18
19	1300	7			-	-	1852			-	-			552	7	20
21	288	7		-	-	-		1788		20	1	2#12+1#12G	HAND DRYER	1500	2	22
23	288	7	FCU-1	3#12+1#12G	3	15			1788	20	1	2#12+1#12G	HAND DRYER	1500	2	24
25	288	7		-	-	-	888			20	1	2#12+1#12G	ORIENTATION. STORE	600	2	26
27	600	2	STORE	2#12+1#12G	1	20		600		20	1	2#12+1#12G	WORK ROOM		2	28
29	600	2	TOILET & VESTIBULE	2#12+1#12G	1	20			600	20	1		SPARE			30
31		-	SPARE		1	20	0			20	1	-	SPARE			32
33		-	SPARE		1	20		0		20	1		SPARE			34
35		-	SPARE		1	20			0	20	1		SPARE			36
37			SPARE		1	20	10463			-	-			10463	3	38
39			SPARE		1	20		7604		100	3	4#4/0 + 1#2G	LP-P3	7604	3	40
41			SPARE		1	20			10889	-	-	IN 2-1/2"C		10889	3	42

LIGHTING FIXTURE SCHEDULE

TYPE	MTG.	DESCRIPTION	LIGHT SOURCE: DELIVERED LUMENS OR LAMP NO. DESIGNATION	LIGHT SOURCE: CCT/CRI	LIGHT SOURCE: OPTICS	WATTAGE (W)	VOLTS	DIMMING PROTOCOL/RANGE	ACCEPTABLE MANUFACTURERS	CATALOG NUMBER
A1	RECESSED	LED SLOT, NOMINAL 4 INCH APERTURE X MAXIMUM 5 INCH RECESS DEPTH, EXTRUDED ALUMINUM HOUSING, PROVIDE CONTINUOUS LENGTH AS INDICATED ON ARCHITECTURAL DRAWINGS, FLUSH WHITE ACRYLIC LENS, INTEGRAL DRIVER, OVERALL PAINT FINISH TO BE SELECTED BY DESIGN PROFESSIONAL. FOR INSTALLATION IN GRID CEILINGS.	700 LMS/FT	3500K/90	-	9.3/FT	120	0-10V/10%	FINELITE AXIS FOCAL POINT NEO-RAY/COOPER	HP-4-R-D-[LENGTH]-H-935-F-95LF-277-SC-FC-10%-[GRID]-FE-[FINISH] BMRLED-750-80-35-FL-[LENGTH]-W-UNV-DP-1-[MOUNTING] SEEM 2 SERIES DEFINE 3 SERIES
A1A	RECESSED	SAME AS TYPE A1 EXCEPT FOR TRIMLESS INSTALLATION IN DRYWALL CEILING	700 LMS/FT	3500K/90	-	9.3/FT	120	0-10V/10%	FINELITE AXIS FOCAL POINT NEO-RAY/COOPER	HP-4-R-D-[LENGTH]-H-935-F-95LF-277-SC-FC-10%-SF-FE-[FINISH] BMRLED-750-80-35-FL-[LENGTH]-W-UNV-DP-1-[MOUNTING] SEEM 2 SERIES DEFINE 3 SERIES
A15	RECESSED	LED PERIMETER SLOT, NOMINAL 4 INCH APERTURE X 7-1/4 INCH MAXIMUM RECESS DEPTH, EXTRUDED ALUMINUM HOUSING AND TRIM FLANGE, PROVIDE LENGTH OF LUMINAIRE FOR CONTINUOUS RUNS AS SHOWN ON DRAWINGS, PROVIDE TELESCOPING ENDS FOR WALL-TO-WALL RUN LENGTHS, SNAP-IN FROSTED ACRYLIC LENS WITH 4 INCH REGRESS, HIGH REFLECTANCE WHITE PAINTED REFLECTOR, INTEGRAL DRIVER. FOR TRIMLESS INSTALLATION IN DRYWALL CEILING.	750 LMS/FT	3500K/90	-	9.3/FT	120	0-10V/10%	FINELITE AXIS FOCAL POINT MARK LIGHTING/ACUITY	HP-WS-4W-4D-[LENGTH]-S-935-SW-277-SC-FC-10%-[MOUNTING]-SF-TXL-L-FE-R-SW BBPRLED-500-80-35-RG3-[LENGTH]-W-UNV-DP-1-DS-TS(2) SEEM 4 SERIES SPR LED SERIES
A17	RECESSED	LED DOWNLIGHT, NOMINAL 4 INCH APERTURE X MAXIMUM 7 INCH RECESS DEPTH, CLEAR DIFFUSE SPUN ALUMINUM REFLECTOR AND TRIM, INTEGRAL DRIVER.	1000 LMS	3500K/90	1.0 S/MH	9	UNV	0-10V/10%	GOTHAM/ACUITY FOCAL POINT PORTFOLIO/COOPER	EVO4-35/10-AR-MD-LSS-MOVLT-GZ10-90CRI ID+4.5 SERIES LD4B SERIES
A18	RECESSED	LED LENSED WALLWASHER, NOMINAL 4 INCH APERTURE X MAXIMUM 8 INCH RECESS DEPTH, CLEAR DIFFUSE SPEN ALUMINUM REFLECTOR AND TRIM, LENSED WALLWASH OPTIC, INTEGRAL DRIVER.	700 LMS	3500K/90	WALLWASH	9	UNV	0-10V/10%	GOTHAM/ACUITY FOCAL POINT PORTFOLIO/COOPER	EVO4LW-35/10-AR-LSS-MOVLT-GZ10-90CRI ID+4.5 SERIES LD4B SERIES
B1	PENDANT	LED SLOT, NOMINAL 1 -1/4 INCH APERTURE X MAXIMUM 2-1/4 INCH TALL, EXTRUDED ALUMINUM HOUSING, PROVIDE CONTINUOUS LENGTH AS INDICATED ON ARCHITECTURAL DRAWINGS, FLUSH WHITE ACRYLIC LENS, INTEGRAL DRIVER, OVERALL PAINT FINISH TO BE RAL 090 80 90 (YELLOW). REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS.	300 LMS/FT	3500K/90	-	4/FT	120	0-10V/10%	FINELITE AXIS FOCAL POINT MARK LIGHTING/ACUITY	E2-ID (MOD DIRECT ONLY)-L-[LENGTH]-NA-(MOD 300LM/FT DIRECT)-935-NA-F-96LG-277-SC-APC-FE-C4,FINISH: RAL 090 80 90 SCD-300-80-35-FL-[LENGTH]-[FINISH]-UNV-DP-1-CA(L) SEEM 1 SERIES SLOT 1 SERIES
B2	PENDANT	LED SLOT, NOMINAL 3-1/2 INCH APERTURE X MAXIMUM 4-1/2 INCH TALL, EXTRUDED ALUMINUM HOUSING, PROVIDE CONTINUOUS RUN LENGTH AS INDICATED ON ARCHITECTURAL DRAWINGS, FLUSH WHITE ACRYLIC LENS, INTEGRAL DRIVER, OVERALL WHITE PAINT FINISH. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS.	800 LMS/FT	3500K/90	-	6.8/FT	120	0-10V/10%	FINELITE AXIS FOCAL POINT NEO-RAY/COOPER	HP-X-P-ID-[LENGTH]-S-S-935-WSO-F-277-DC-FC-10%-FA100-C4- FE-SW TB3DLED-750-80-35-SO-[LENGTH]-[FINISH]-UNV-DP-1-CA(L) SEEM 2 SERIES DEFINE 3 SERIES
B17	PENDANT	LED DOWNLIGHT CYLINDER, NOMINAL 4- INCH DIAMETER X 10 INCH TALL EXTRUDED ALUMINUM HOUSING, CLEAR DIFFUSE SPUN ALUMINUM REFLECTOR, INTEGRAL DRIVER, OVERALL WHITE PAINT FINISH. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS	750 LMS	3500K/90	25 DEG	8	UNV	0-10V/10%	GOTHAM/ACUITY ALPHABET LUCIFER	ICO4CC-35/07-AR-LSS-25D-MVOLT-GZ10-JBXCC-CCAN-[CORD]-90CRI BETA4 SERIES CY4 SERIES
C	SURFACE	RECESSED LED 1 X4 TROFFER LIGHT FIXTURE. HOUSINGS FABRICATED FROM 22-GAUGE, COLD-ROLLED STEEL. MATTE-WHITE POWDER COAT FINISH, PRECISION-FORMED STEEL; HIGHLY REFLECTIVE WHITE REFLECTOR.	4003 LMS	3500K/90		48.4	UNV	0-10V/1%	MARK ARCHITECTURAL LITHONIA HE WILLIAMS	WHSPR 1x4 4800LM 35K 90CRI YBC BLT4R 1X4 BLTR - 48LHE - SDSM - MVOLT- GZ1-LP935- AT3-1X4-L50-935-D-DRV-UNV
C1	PENDANT	LED INDIRECT PENDANT, NOMINAL 1-1/2 INCH DIAMETER EXTRUDED ALUMINUM HOUSING, PROVIDE CONTINUOUS LENGTH AS INDICATED ON ARCHITECTURAL DRAWINGS, INTEGRAL DRIVER, OVERALL SATIN ALUMINUM FINISH. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT	500 LMS/FT	3500K/90	BATWING	4.4/FT	120	0-10V/1%	FINELITE LUMENWERX PINNACLE	HP-2-P-I-[LENGTH]-B-935-WSO-98LG-277-SC-FC-10%-FA100-C4-FE-SA WA1 5P-I-NA-NA-WIO2-SW-80-NA-500-35-XX-UNV-D1-1C-ACC (3NPC-72-B-PCB-NA)-B EDGE EX12 INDIRECT
D17, D17A	SURFACE	LED UNDERCABINET TASKLIGHT, NOMINAL 3 INCH WIDE X 1 INCH TALL EXTRUDED ALUMINUM HOUSING, PROVIDE CONTINUOUS RUN LENGTHS USING AS MANY LONGEST LENGTHS POSSIBLE, DIFFUSE ACRYLIC LENS, OVERALL MATTE WHITE PAINT FINISH, AND WIRING MODULE FOR HARDWIRE INSTALLATION. INTEGRAL DRIVER. FOR INSTALLATION ON UNDERSIDE OF OVERHEAD CABINETS. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING DETAILS.	500 LMS/FT	3500K/90	-	7/FT	120	-	TECH LIGHTING LITHONIA/ACUITY WAC	700UCF-90-5-W-LED + 700UCSB-W UCLD SERIES BARLIGHT SERIES
G1	RECESSED	LED ADJUSTABLE DOWNLIGHT, NOMINAL 2 INCH DIAMETER APERTURE X 3 INCH MAXIMUM RECESS DEPTH, MAXIMUM 25 DEGREE TILT, DIE-CAST ALUMINUM TRIM, WHITE PAINT FINISH TO BE CONFIRMED BY DESIGN PROFESSIONAL. REMOTE DRIVER PER EVERY 6 FIXTURES LOCATED IN ACCESSIBLE LOCATION. ALL FIXTURES TO BE AIMED PERPENDICULAR TO FLOOR.	450 LMS	3500K/90	45 DEG	4.5	120	0-10V/1%	FLEXA NA USAI CSL LIGHTING	FIXTURE: JL61-2-2-35-E REMOTE DRIVER: CPR040-A MOUNTING PLATE: MP-R040 LITTLE ONES MICRO SERIES GYROSHIFT 1" LNE
H1	TRACK	LED TRACKHEAD, NOMINAL 3 INCH DIAMETER X 7-1/2 INCH TALL ALUMINUM HOUSING, FIELD CHANGEABLE OPTIC, MAXIMUM 355 DEGREE ROTATION, 90 DEGREE VERTICAL TILT, SOLITE LENS, OVERALL WHITE PAINT FINISH, INTEGRAL DRIVER. PROVIDE SET OF ADDITIONAL FIELD CHANGEABLE OPTICS. COMPATIBLE WITH TRACK 'T1'	750 LMS	3500K/90	-	11	120	0-10V/10%	INTENSE CONTECH LUMENPULSE	IQ-L0-359-D101-SV-WF-LH56-PFL56-4 + IP-BO47SP, IP-BO47NF, IP-BO47FL 1-CIRCUIT TRACK 1-CIRCUIT TRACK
H1A	TRACK	LED TRACKHEAD, NOMINAL 3 INCH DIAMETER X 7-1/2 INCH TALL ALUMINUM HOUSING, FIELD CHANGEABLE OPTIC, MAXIMUM 355 DEGREE ROTATION, 90 DEGREE VERTICAL TILT, HEX CELL LOUVER, OVERALL WHITE PAINT FINISH, INTEGRAL DRIVER. COMPATIBLE WITH TRACK 'T1'	1000 LMS	3500K/90	50 DEG	16	120	0-10V/10%	INTENSE CONTECH LUMENPULSE	IQ-L1-359-D101-SV-WF-LH56-PFLMB-56 CTL SERIES LATSM3-A-120-L13-35K-CR80-M-MWH-b-MWH-1C-AWH-PH-SL
T1	PENDANT	SINGLE CIRCUIT TRACK, NOMINAL 1-1/2 INCH WIDE X 1 INCH TALL EXTRUDED ALUMINUM HOUSING, PROVIDE LENGTHS AS SHOWN ON DRAWINGS, OVERALL SILVER FINISH. PROVIDE POWER FEEDS, TRACK CONNECTORS, ENDS CAPS, SUSPENSION STEMS, AND OTHER ACCESSORIES AS REQUIRED FOR A COMPLETE, OPERABLE, AND CODE COMPLIANT SYSTEM. TRACK TO BE COMPATIBLE WITH APPROVED TRACK HEADS.	-	-	-	-	120	0-10V/10%	INTENSE CONTECH LUMENPULSE	ICT TRACK SYSTEM - SV CTL SERIES GESA120 1C TRACK SYSTEM
X	CEILING/ WALL	2.8W, LITHONIA EXIT SIGN LIGHTING FIXTURE. NYS APPROVED, 6" LETTERS, 90 MIN NICA BATTERY PACK	-	-	-	2.8	UNV	-	LITHONIA/ACUITY MCPHILBAN ATLITE	CAT#EDG 1 R EL M6

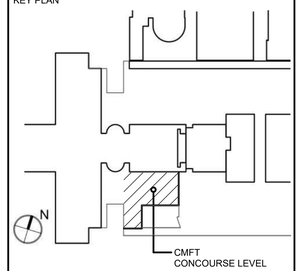
GENERAL NOTES

1. REFER TO E001.00 FOR SYMBOLS, ABBREVIATIONS & NOTES.
2. REFER TO E701.00 FOR DETAILS.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

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417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

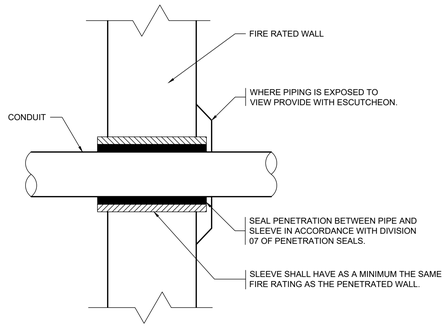
PROJECT:
Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036-01
1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
POWER RISER DIAGRAM

SCALE: As indicated
DATE: 12 JUNE 2023
DRAWING NO.: **E501.00**

STATE OF NEW YORK · THERESA K. AGARWAL · No. 071789 · LICENSED PROFESSIONAL ENGINEER

06/08/2023

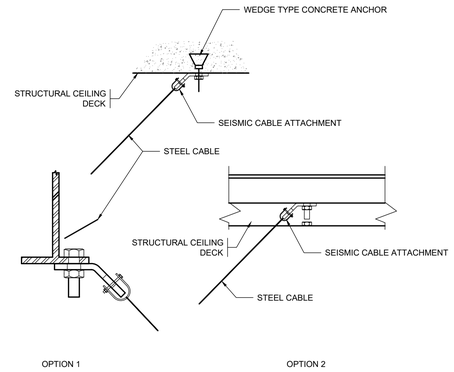


1 E701 TYPICAL DETAIL OF FIRE RATED WALL PENETRATION

N.T.S.

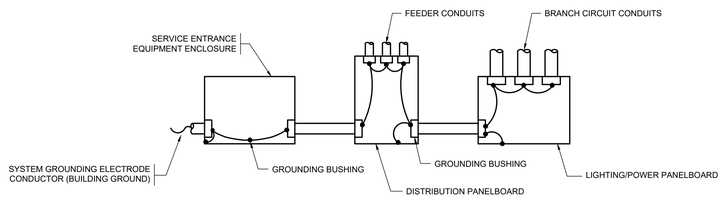
NOTE:

1. FIRESTOP ALL CONDUIT PENETRATIONS IN ACCORDANCE WITH ARCHITECTURAL SPECIFICATION SECTION 07270, FOR THE FIRERATED RESPECTIVE WALL CONSTRUCTION, CONDUIT SIZE AND CONDUIT MATERIAL.
2. THE PENETRATIONS TRHOUGH FIRERATED WALL, FLOOR, OR CEILING SLAB SHALL BE SEALED. THE SEAL SHALL MAINTAIN ORIGINAL INTEGRITY OF PENETRATED FIRE RATING.



2 E701 TYPICAL CABLE OR UNISTRUTS ATTACHMENT TO STRUCTURE

N.T.S.

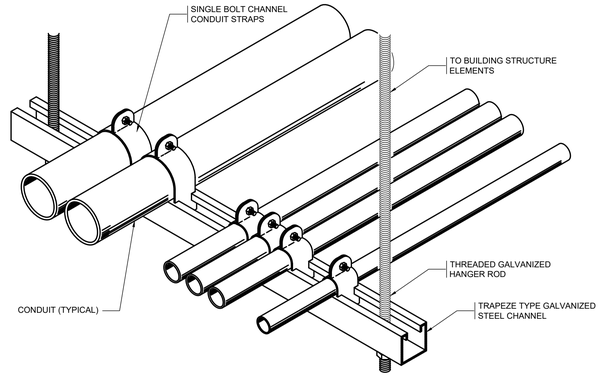


3 E701 RACEWAY EQUIPMENT GROUNDING SYSTEM

N.T.S.

NOTE:

1. A SEPARATE EQUIPMENT GROUNDING CONDUCTOR HAS TO BE PROVIDED WITH EACH BRANCH CIRCUIT AND FEEDER.



SUSPENDED SYSTEM - MULTIPLE CONDUITS

4 E701 TYPICAL CONDUIT SUPPORT SYSTEMS

N.T.S.

SUNY-CMFT: Voltage Drop Calculation

NEC ALLOWED VOLTAGE DROP 3%

BASED ON 0.85 PF

FEEDER INFORMATION								VOLTAGE DROP			AIC CALCULATIONS									GROUND CALCULATIONS								
FEEDER FROM	FEEDER TO	TOTAL AMPS (A)	FEEDER SIZE UNCOATED COPPER	VOLTAGE	NO OF PHASES (M)	NO. OF PARALLEL RUNS (P)	FEEDER LENGTH IN FEET (L)	% VOLTAGE DROP	VOLTAGE AT DESTINATION	VOLTAGE DROP (VD)	RESISTANCE PER FT FOR CONDUCTORS IN METALLIC CONDUIT (R)	REACTANCE PER FT FOR CONDUCTORS IN METALLIC CONDUIT (X)	IMPEDANCE PER FT FOR CONDUCTORS IN METALLIC CONDUIT (Z)	C FACTOR	FAULT CURRENT AVAILABLE AT SOURCE	F FACTOR	M FACTOR	SCCR	PANEL AIC RATING	FEEDER SIZE WITHOUT VD	NUMBER OF PARALLEL RUNS WITHOUT VD	SIZE OF GROUND WITHOUT VD	CIRCULAR MILS OF GRGOUND WITHOUT VD	SIZE RATIO	CIRCULAR MILS OF FEEDER WITHOUT VD	CIRCULAR MILS OF FEEDER WITH VD	CIRCULAR MILS OF GRGOUND WITH VD	SIZE OF GROUND WITH VD
X-MER	THEATER D	2000	**500**	208	3	7	125	0.86	206.21	1.79	0.029																	
THEATER D	LP-P1	40	**4**	206.21	3	1	150	1.55	204.78	3.22	0.31	0.00006	0.3100000058	3.225806391	44406.00	17323.6388	5.77213E-05	2.56	**10.00**		1	10						
THEATER D	LP-P2	175	**250**	206.21	3	1	95	0.75	206.45	1.55	0.054	0.000052	0.0540000250	18.51850993	44406.00	1911.189389	0.000522961	23.22	**22.00**	3/0	1	6	26240	1.49	167800	250000	39094.16	4
LP-P2	LP-P3	110	**4/0**	206.45	3	1	216	1.25	205.41	2.59	0.063	0.000051	0.0630000206	15.87301067	23222.60	2648.175259	0.000377476	8.77	**10.00**	1	1	6	26240	2.53	83690	211600	66344.65	2

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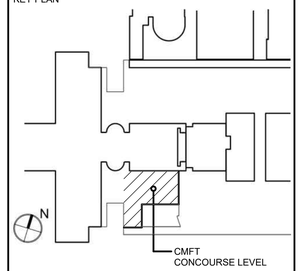

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Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for
Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

ELECTRICAL STANDARD DETAILS

SCALE: As indicated

DATE: 12 JUNE 2023

DRAWING NO.:

E701.00

FIRE DETECTION & ALARM SYSTEM

SYMBOL	DESCRIPTION
FACP	FIRE ALARM SYSTEM CONTROL PANEL
F	FIRE ALARM PULL STATION. MOUNTED AT 48" AFF.
H	HEAT DETECTOR, CEILING MOUNTED
CO	CARBON MONOXIDE DETECTOR, CEILING MOUNTED
S	SMOKE DETECTOR, CEILING MOUNTED
FDS	FIRE ALARM SERVICE DISCONNECT SWITCH
FCO	FUSE CUT OUT PANEL
SCP	SMOKE CONTROL PANEL
MM	MONITOR MODULE
DACT	DIGITAL ALARM COMMUNICATOR TRANSMITTER
FARA	FIRE ALARM REMOTE ANNUNCIATOR
CM	CONTROL MODULE
R	RELAY
FSD	FIRE SMOKE DAMPER
S F	SPEAKER/STROBE, WALL MOUNTED
S	STROBE LIGHT, WALL MOUNTED
S D	DUCT MOUNTED SMOKE DETECTOR
F S	SPEAKER/STROBE, CEILING MOUNTED
BPS	BOOSTER POWER SUPPLY

ABBREVIATIONS

A	AMPERE
AFF	ABOVE FINISHED FLOOR
ATS	AUTOMATIC TRANSFER SWITCH
C	CONDUIT
CB	CIRCUIT BREAKER
CKT(S)	CIRCUITS
DWG	DRAWING
EC	EMPTY CONDUIT
ER	EXISTING TO REMAIN
ERR	EXISTING TO BE REPLACED
ETR	EXISTING TO BE RELOCATED
G	GUARD
GND	GROUND
GFI	GROUND FAULT INTERRUPTER
GRC	GALVANIZED RIGID CONDUIT
JB	JUNCTION BOX
KVA	KILOVOLT AMPERE
KW	KILOWATT
MTD	MOUNTED
N	NEUTRAL
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
P	POLE(S)
PB	PULL BOX
PNL	PANEL
R	EXISTING TO BE REMOVED
RL	RELOCATED
RC	REMOTE CONTROL
STD	STANDARD
SW	SWITCH
SWBD	SWITCHBOARD
V	VOLT
W	WATT
WP	WEATHERPROOF

FIRE ALARM NOTES:

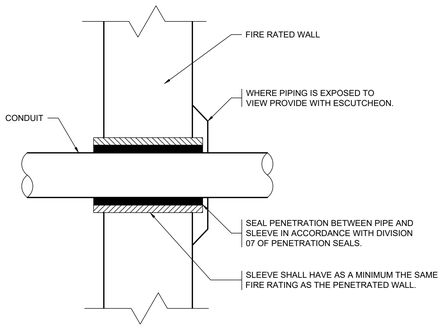
1. FOR AN EXPLANATION OF THE SYMBOLS AND ABBREVIATIONS USED ON THESE DRAWINGS, SEE THE SYMBOLS LIST AND ABBREVIATION LIST ON THIS SHEET.
2. IN UNFINISHED PORTIONS OF THE BUILDING, SUCH AS BOILER ROOM, FAN ROOMS, PIPE SPACES, ETC., LOCATIONS OF CONDUIT AND OUTLETS ARE APPROXIMATE AND SHALL CLEAR PIPING AND ALL OTHER CONSTRUCTION. CONDUITS IN THESE PORTIONS OF THE BUILDING SHALL BE RUN EXPOSED BUT MAY BE RUN CONCEALED WITH THE UNDERSTANDING THAT ALL OUTLETS MUST BE EXTENDED AS DIRECTED TO CLEAR ANY INTERFERENCE WITH FIXTURES.
3. IN THE BOILER ROOM, SYSTEM CONDUITS, SUCH AS FOR LOW VOLTAGE, FIRE SIGNAL, ETC., SHALL NOT BE RUN OVER BOILERS.
4. NO CONDUIT SHALL BE RUN IN ANY FLOOR IN CONTACT WITH THE EARTH UNLESS OTHERWISE DIRECTED ON THE PLAN.
5. PULL AND JUNCTION BOXES SHALL BE SURFACE TYPE IN UNFINISHED AREAS AND FLUSH TYPE IN FINISHED AREAS, UNLESS OTHERWISE NOTED. THE JUNCTION AND PULL BOXES SHALL BE LOCATED APPROXIMATELY WHERE INDICATED ON THE PLAN TO SUIT CONDUIT ENTRANCE, BUT SHALL IN ALL CASES, BE LOCATED TO AVOID INTERFERENCE WITH EQUIPMENT FROM OTHER TRADES AND SHALL BE LOCATED SO THAT COVERS ARE READILY ACCESSIBLE.
6. THIS CONTRACTOR SHALL PROVIDE SEPARATE RACEWAYS FOR CONDUCTORS ON NORMAL AND EMERGENCY CIRCUITS.
7. ALL PENETRATIONS THROUGH RATED WALLS, CEILING AND FLOORS SHALL BE FIRESTOPPED.
8. RACEWAYS OR WIRING SHALL NOT PENETRATE THE TOP OF ANY NEMA 3R CONTROL EQUIPMENT OR ENCLOSURES.
9. ALL WORK SHALL CONFORM TO THE LATEST REQUIREMENTS OF NEW YORK STATE BUILDING CODE AND LATEST NFPA CODES.
10. SURVEY FIELD CONDITIONS AND VERIFY THAT WORK IS FEASIBLE AS SHOWN. VERIFY LOCATION OF OUTLETS IN RELATION TO STRUCTURAL AND OTHER ELEMENTS AS REQUIRED. NOTIFY ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
11. ENGINEERING DRAWINGS DETERMINE LOCATION AND TYPE OF ALL OUTLETS AND TAKE PRECEDENCE OVER ALL OTHERS, U.O.I. ELECTRICAL ENGINEER'S POWER PLAN SHALL GOVERN THE WIRING LAYOUT AND INSTALLATION IN COMPLIANCE WITH ALL LAWS APPLICABLE AND ENFORCED BY GOVERNING AUTHORITIES.
12. ALL EXISTING AND NEW FLOOR OR WALL PENETRATIONS FOR CONDUITS SHALL BE FULLY PACKED AND SEALED IN ACCORDANCE WITH THE APPLICABLE BUILDING AND FIRE CODES.
13. COORDINATE NEW ELECTRICAL WITH EXISTING, WHERE OCCURS.
14. IN THE EVENT OF ACCIDENTAL DISCONNECTION AND/OR DAMAGE TO THE FIRE ALARM SYSTEM, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A "FIRE WATCH", IN COMPLIANCE WITH ALL APPLICABLE CODES, DURING ALL TIMES THE SYSTEM IS NON-OPERATIONAL, AND UNTIL THE FIRE ALARM SYSTEM OPERATION IS RESTORED, INSPECTED AND APPROVED BY THE FIRE DEPARTMENT.
15. CONTRACTOR SHALL REMOVE ALL EXISTING ACCESSIBLE FIRE ALARM CABLES THAT ARE ABANDONED AND NOT BEING USED.
16. CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DEFECTS OR DAMAGES TO THE EXISTING FIRE ALARM SYSTEM DURING DEMOLITION OR REMOVAL OF FIRE ALARM PANEL, DEVICES, WIRING, ETC. WITHOUT COORDINATION AND SUPERVISION OF FIRE ALARM VENDOR.

SCOPE OF WORK:

1. CONNECT ALL NEW FIRE ALARM DEVICES SHOWN ON PLAN TO THE EXISTING FIRE ALARM PANEL LOCATED AT THE EXISTING VESTIBULE (012) ON CONCOURSE LEVEL. NEW FIRE ALARM DEVICES SHALL BE COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM IN THE BUILDING.EXISTING FIRE ALARM MAKE:EDWARDS MODEL: EST-3
2. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL PROGRAMMING AND EQUIPMENT MODIFICATIONS AS REQUIRED TO EXISTING SYSTEM FACP WITH MODULES, RELAY, POWER SUPPLIES AND OR OTHER COMPONENTS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
3. CONTRACTOR SHALL PROVIDE ALL BATTERY CALCULATIONS REQUIRED TO SUPPORT THE ADDED NEW DEVICES TO THE EXISTING SYSTEM. PROVIDE ADDITIONAL POWER SUPPLIES AS REQUIRED.
4. AN ACCEPTANCE TEST OF THE FIRE ALARM SYSTEM SHALL BE CONDUCTED BY THE CONTRACTOR AND THE FIRE ALARM VENDOR AFTER THE FIRE ALARM VENDOR HAS PERFORMED A 100% TEST OF THE SYSTEM.

FIRE ALARM DEMOLITION NOTES:

1. EXISTING FIRE ALARM SYSTEM SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. PERFORM ALL REQUIRED DEMOLITION OF EXISTING FIRE ALARM DEVICES.
2. REMOVE EXISTING WIRING, RACEWAYS, CONDUITS, AND OTHER FIRE ALARM EQUIPMENT OR APPARATUS AS REQUIRED BY THE DRAWINGS AND SPECIFICATIONS. REFER TO PHASING NOTES BELOW FOR ADDITIONAL INFORMATION.
3. INCLUDE THE FURNISHING OF ALL MATERIALS, CUTTING, EXTENSIONS, CONNECTIONS, REPAIRING, ADAPTING, AND OTHER WORK INCIDENTAL THERETO, TOGETHER WITH SUCH TEMPORARY CONNECTIONS AS MAY BE REQUIRED PENDING COMPLETION OF THE PERMANENT WORK.
4. INCLUDE THE REMOVAL OF MATERIALS WHICH MAY INTERFERE WITH THE INSTALLATIONS.
5. LEAVE WORK IN GOOD WORKING ORDER IN THE CONDITION EQUAL TO THE ADJACENT NEW OR EXISTING WORK.
6. THE WORK OF TAKING DOWN AND REMOVING ANY PART OF EXISTING EQUIPMENT, OF MAKING ALTERATIONS OR OF PREPARING FOR AND REPLACING NEW WORK THEREIN TO BE DONE ONLY AFTER PERMISSION HAS BEEN OBTAINED BY THE ENGINEER AND OWNER.
7. INTERRUPT ALARM AND EMERGENCY SYSTEMS ONLY WITH WRITTEN CONSENT OF THE OWNER.
8. PROVIDE TEMPORARY POWER FOR LIFE SAFETY AND OTHER EQUIPMENT AS DIRECTED BY OWNER WHEN POWER IS TO BE INTERRUPTED. THIS CONTRACTOR SHALL ALSO RETURN AFTER DEMOLITION TO REMOVE TEMPORARY LIGHTING.
9. OWNER AND CONTRACTOR TO COORDINATE ON ELECTRICAL SHUTDOWNS.



1 / FA001 CONDUIT PENETRATION THRU FIRE RATED WALL

N.T.S.

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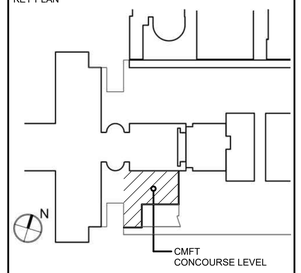
KEY PLAN



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Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

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417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

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SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

FIRE ALARM SYMBOL, ABBREVATION, NOTES AND DETAILS

SCALE: As indicated

DATE: 12 JUNE 2023

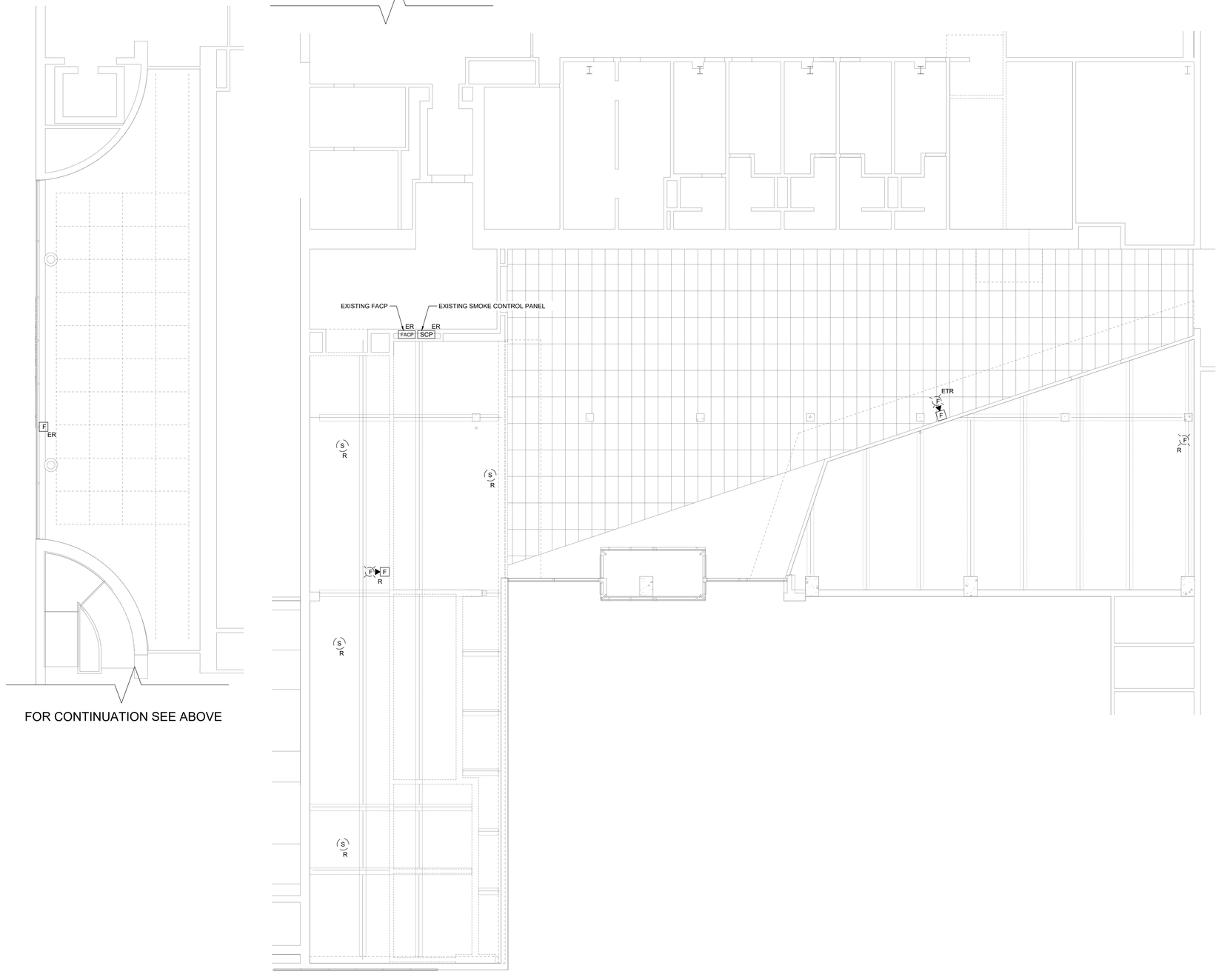
DRAWING NO.:

FA001.00

STATE OF NEW YORK · DENNIS K. AGNOLI · LICENSED PROFESSIONAL ENGINEER · No. 077158

06/08/2023

A & J PROJECT No. 2301



1 FAD01.00 CONCOURSE LEVEL REMOVAL-FIRE ALARM SYSTEM

1/8" = 1'-0"

GENERAL NOTES

1. REFER TO FA001.00 FOR SYMBOLS, ABBREVIATIONS , NOTES AND DETAILS.
2. THE DRAWINGS DO NOT SHOW ALL REMOVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING A WALK-THROUGH OF THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND COORDINATE THE EXACT CONTENT OF DEMOLITION REQUIRED TO FACILITATE NEW WORK.
3. WHERE EXISTING EQUIPMENT IS INDICATED TO BE REMOVED UNLESS OTHERWISE NOTED, REMOVE ALL ASSOCIATED SUPPORTS, PIPING, ACCESSORIES, CONDUITS, AND WIRING BACK TO SOURCE.
4. REFER TO MECHANICAL DRAWINGS FOR REMOVAL OF MECHANICAL EQUIPMENT. ALL FIRE ALARM EQUIPMENT, CONDUITS AND WIRING ASSOCIATED WITH THE REMOVAL OF MECHANICAL EQUIPMENT SHALL BE REMOVED.
5. THE CONTRACTOR SHALL MAINTAIN CIRCUITING TO DEVICES LOCATED OUTSIDE OF THE WORK AREA.

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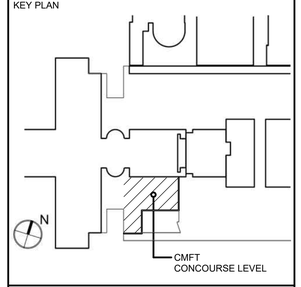

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4588 South Park Avenue, Blasdell, NY 14219

PROJECT:
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Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
CONCOURSE LEVEL REMOVAL-FIRE ALARM SYSTEM

SCALE: As indicated

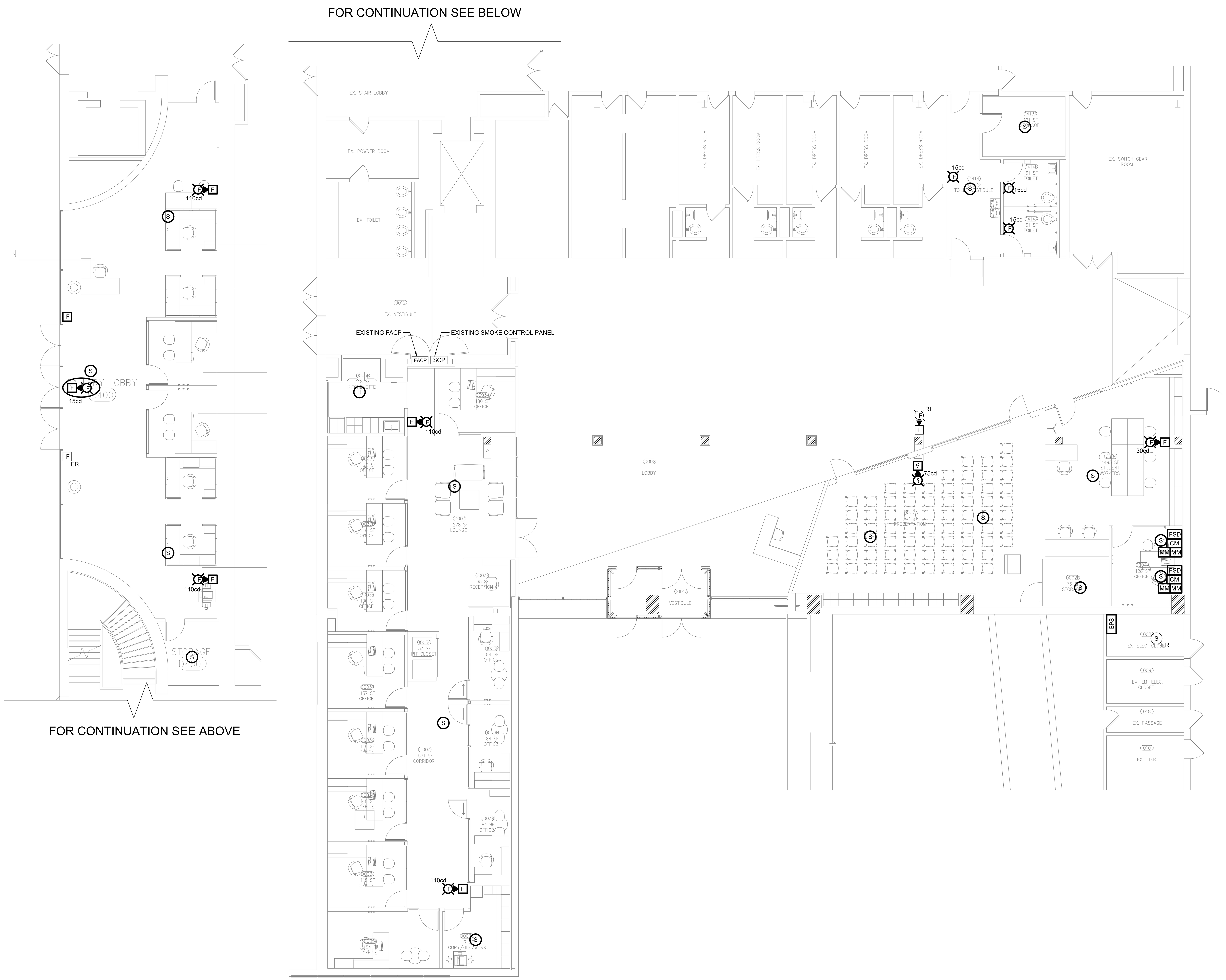
DATE: 12 JUNE 2023

DRAWING NO.:
FAD01.00

STATE OF NEW YORK
DEBORA K. AGARWAL
No. 071159
LICENSED PROFESSIONAL ENGINEER

06/08/2023

A & J PROJECT No. 2301



1 FA100 CONCOURSE LEVEL PLAN-FIRE ALARM SYSTEM
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO FA001.00 FOR SYMBOLS, ABBREVIATIONS, NOTES & DETAILS.
2. AFTER REMOVAL OF EXISTING CEILING, PROVIDE SUPPORTS FOR ALL MC/AC CABLES, VOICE/DATA AND ALARM SYSTEM CABLES.
3. NOTE THAT ALL NEW AND EXISTING EXPOSED CABLES ABOVE THE CEILING SHALL BE PLENUM RATED.
4. MOUNTING HEIGHTS AND LOCATIONS OF ALL DEVICES SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS.
5. ALL FIRE ALARM DEVICES SHALL BE CONNECTED TO THE NEAREST ADDRESSABLE LOOP.
6. DURING THE CONSTRICTION, CONTRACTOR SHALL ENSURE ALL EXISTING FIRE ALARM DEVICES ARE PROTECTED AND OPERATIONAL . IF ANY REMOVAL IS REQUIRED AS PART OF THE CONSTRUCTION CONTRACTOR SHALL FOLLOW THE BELOW.

a. PROVIDE FIRE WATCH .
b. PROVIDE TEMPORARY SUPPORT AND PROTECTION TO THE DEVICE AND WIRING.
c. RE-INSTALL THE FIRE ALARM DEVICE BACK TO THE SAME PLACE AND RE-PROGRAM THE PANEL.
d. TESTING OF THE SYSTEM IS REQUIRED.

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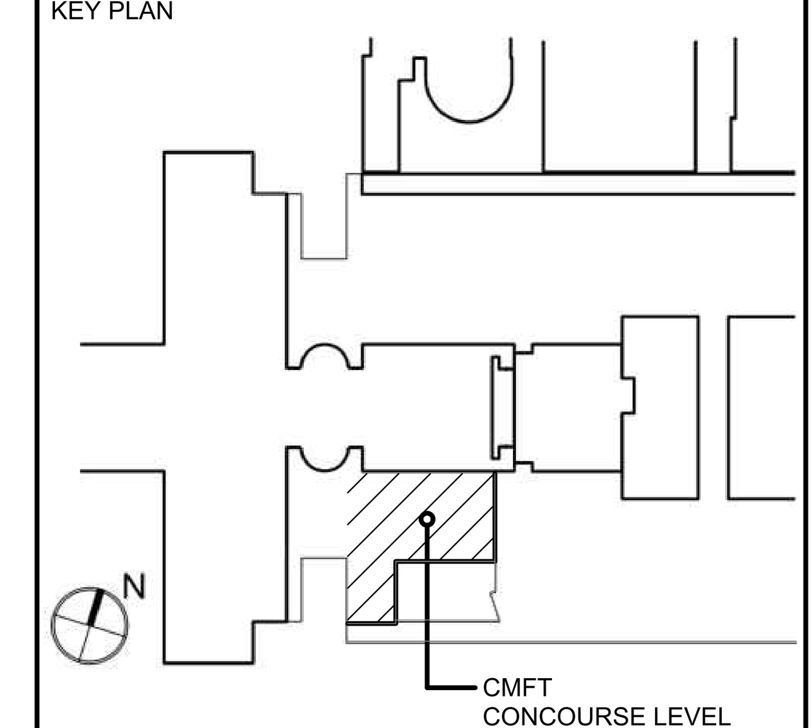

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1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
CONCOURSE LEVEL PLAN-FIRE ALARM SYSTEM

SCALE:
As indicated

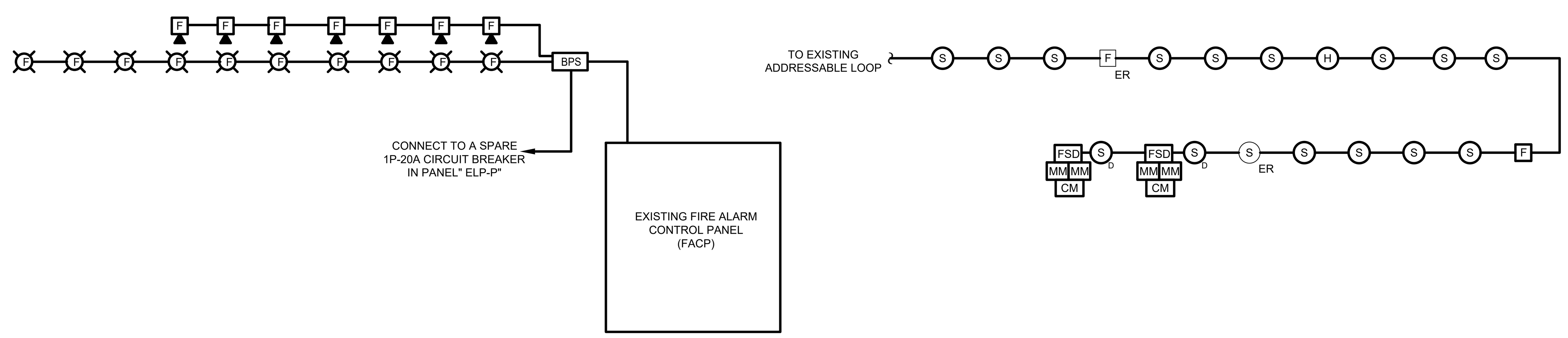
DATE:
12 JUNE 2023

DRAWING NO.:
FA100.00

STATE OF NEW YORK · JITENDRA K. AGARWAL · LICENSED PROFESSIONAL ENGINEER · No. 071758

06/08/2023

A & J PROJECT No. 2301



1 FA201 FIRE ALARM RISER DIAGRAM

N.T.S.

FIRE DETECTION AND ALARM SYSTEM RISER NOTES

1. REFER TO DRAWING FA001.00 FOR SYMBOL LIST, GENERAL NOTES AND ABBREVIATIONS.
2. REFER TO FLOOR PLANS FOR EXACT QUANTITIES AND LOCATIONS OF DEVICES.
3. ALL EQUIPMENT AND ITS INSTALLATION SHALL COMPLY WITH NFPA 72, BC-907 OF THE N.Y.S. BUILDING CODE , N.Y.S FIRE CODE AND SHALL BE UL LISTED FOR ITS INTENDED USE.
4. LOCATION OF DEVICES AND EQUIPMENT ARE APPROXIMATE. FINAL LOCATIONS MUST BE COORDINATED WITH OWNER ACCORDING TO THE FIELD CONDITIONS.
5. THIS IS NOT A POINT-TO-POINT WIRING DIAGRAM. THIS DIAGRAM IS FOR ESTIMATING PURPOSES ONLY. PRIOR TO STARTING ANY WORK, A WORKING POINT-TO-POINT WIRING DIAGRAM SHALL BE OBTAINED FROM THE BUILDING FIRE ALARM VENDOR.
6. CIRCUIT WIRING FROM THE FIRE ALARM CONTROL PANEL TO THE SYSTEM PERIPHERAL EQUIPMENT SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS WITH A MINIMUM AS FOLLOWS:
   a. EACH ADDRESSABLE DATA COMMUNICATIONS CIRCUIT: TWO (2) CABLES, EACH WITH TWO (2) #14 AWG TWISTED AND SHIELDED CONDUCTORS.
   b. EACH ALARM INITIATING SUPERVISORY OR STATUS MONITORING CIRCUIT FROM A MONITOR ZONE ADDRESSABLE MODULE (MM): TWO (2) #14 AWG CONDUCTORS.
   c. EACH ALARM BELL OR SPEAKER CIRCUIT FROM THE FIRE ALARM CONTROL PANEL: TWO (2) #12 AWG CONDUCTORS.
   d. EACH ALARM STROBE LIGHT CIRCUIT FROM THE FIRE ALARM CONTROL PANEL: TWO (2) #12 AWG CONDUCTORS.
   e. EACH CONTROL CIRCUIT: TWO (2) #14 AWG CONDUCTORS.
   f. EACH COMBINATION SPEAKER/STROBE CIRCUIT FROM THE FIRE ALARM CONTROL PANEL: FOUR (4) #12 AWG CONDUCTORS.
10. VISUAL FIRE ALARMS (STROBES) SHALL HAVE MINIMUM 5'-0 " CLEARANCE FROM ANY OBSTRUCTIONS AND SHALL BE RATED AT 75 CANDELA MINIMUM. ALL THE STROBES SHALL BE SYNCHRONIZED.
11. WALL MOUNTED SPEAKERS AND VISUAL FIRE ALARMS (STROBES) SHALL BE MOUNTED AT 8'-6"A.F.F. WHERE LOCAL CONDITIONS DIFFER INSTALL THE STROBES AT 6" BELOW THE CEILING.
12. MANUAL PULL STATIONS SHALL BE MOUNTED AT 4'-0" A.F.F.
13. EACH FIRE ALARM INITATING AND INDICATING CIRCUIT SHALL BE ELECTRICALLY SUPERVISED.
14. EACH VISUAL FIRE ALARM CIRCUIT SHALL CONTAIN AT LEAST 20% SPARE CAPACITY.
15. ALL CONTROL PANELS, FUSE CUTOUTS, TROUBLE BELLS, ALARM BELLS AND SILENCE SWITCHES SHALL BE PROPERLY LABELED WITH MINIMUM 1/4" HIGH LETTERS.
16. ALL WIRING SHALL BE IN MINIMUM 3/4"EMT CONDUIT, PROVIDE THE NUMBER OF CONDUITS AS REQUIRED. CONDUIT FILL SHALL BE AS FOLLOWS:
   A. 3/4 " CONDUIT: UP TO 6 FA CABLES OF ALL TYPES.
   B. 1 " CONDUIT: UP TO 10 FA CABLES.
   C. 1 ¼ " CONDUIT: UP TO 16 FA CABLES.
   D. 1 ½ " CONDUIT: UP TO 22 FA CABLES
   E. 2 " CONDUIT: UP TO 38 FA CABLES.
17. IF THERE IS A DISCREPANCY IN QUANTITIES OF ELEMENTS BETWEEN RISER DIAGRAM AND PLANS, THE MORE QUANTITIES SHOWN EITHER ON PLAN OR RISER SHALL GOVERN.
18. FIRE ALARM CABLE SHALL BE PLENUM RATED RED COLORED JACKET METAL CLAD CABLE TYPES MC-FPLP AND MC-FPLR

SYSTEM OUTPUTS: CONTROL UNIT ANNUNCIATION | NOTIFICATION | REQUIRED FIRE SAFETY CONTROL | SUPPLEMENTAL

A – ACTUATE COMMON ALARM SIGNAL INDICATOR
B – ACTUATE AUDIBLE/VISUAL ALARM SIGNAL
C – ACTUATE COMMON TROUBLE SIGNAL
D – ACTUATE FLOOR EVACUATION SIGNALS
F – DISPLAY/PRINT CHANGE OF STATUS
G – TRANSMIT MANUAL ALARM TO CENTRAL MONITORING STATION
H – TRANSMIT SPRINKLER ALARM
I – TRANSMIT AUTOMATIC ALARM MONITORING STATION
J – TRANSMIT TROUBLE SIGNAL TO CENTRAL MONITORING STATION
K – RECALL ELEVATOR TO MAIN LOBBY
L – SHUTDOWN 'CO' PRODUCING EQUIPMENT
M – OPEN SMOKE VENT
O – SHUTDOWN ALL FANS ABOVE 2000 CFM

	SYSTEM INPUTS	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	
1	MANUAL FIRE ALARM PULL STATION	X	X		X		X	X													1
2	SMOKE DETECTORS	X	X		X		X			X						X					2
3	DUCT SMOKE DETECTORS CONCOURSE LEVEL	X	X		X		X			X						X					3
4	FIRE ALARM AC POWER FAILURE			X							X										4
5	FIRE ALARM SYSTEM LOW BATTERY			X							X										5
6	OPEN CIRCUIT			X							X										6
7	GROUND FAULT			X							X										7
8	NOTIFICATION APPLIANCE CIRCUIT SHORT			X							X										8
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	

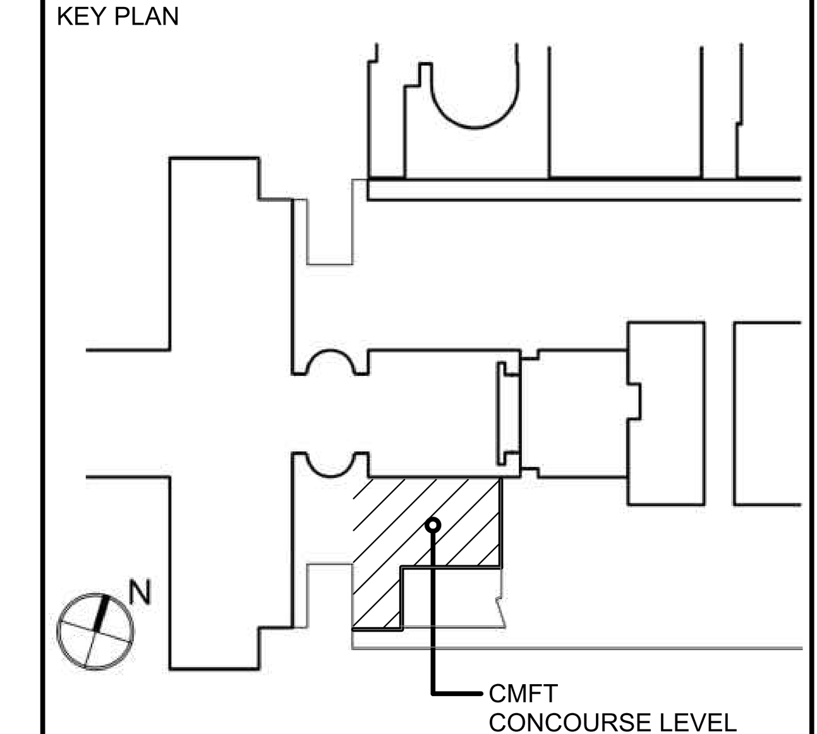
2 FA201 SEQUENCE OF OPERATION

N.T.S.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:
Renovations to Relocate Admissions for
Rehab of Administration Bldg - Phase 1A
SUCF #291036-01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

FIRE ALARM RISER DIAGRAM & SEQUENCE OF OPERATION

SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:
FA201.00

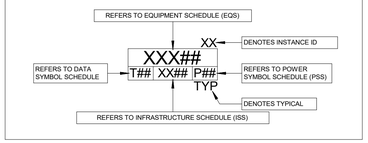
STATE OF NEW YORK · JITENDRA K. AGARWAL · No. 071758 · LICENSED PROFESSIONAL ENGINEER

DRAWING LIST:

NUMBER	NAME
TA.100	AUDIOVISUAL TITLEPAGE
TA.101	AUDIOVISUAL SCHEDULES (GROUP 1)
TA.110	AUDIOVISUAL KEY PLANS
TA.611	AUDIOVISUAL ENLARGED PLANS
TA.900	AUDIOVISUAL RISER DIAGRAMS
TA.901	AUDIOVISUAL DETAILS

SCHEDULES / LEGENDS:

SYMBOL LEGEND:



GENERAL NOTES:

1. POWER AND DATA REQUIREMENTS SHOWN FOR REFERENCE ONLY AND ARE NOT FOR CONSTRUCTION. COORDINATE WITH ELECTRICAL ENGINEER, ARCHITECT AND TELECOM DESIGNER DRAWINGS FOR LOCATION OF ALL OUTLETS IN THIS DRAWING SET.
2. WHERE POWER CIRCUITS ARE SHOWN TERMINATING IN JUNCTION BOXES WITHOUT RECEPTACLES, THE WIRES SHALL BE TAPED AND THE BOXES COVERED. THESE CIRCUITS WILL BE CONNECTED BY OTHERS DURING INSTALLATION OF THE AV SYSTEMS EQUIPMENT.
3. EMPTY CONDUIT RUNS ON THESE DRAWINGS SHOW ONLY INTERCONNECTION BETWEEN TERMINATION POINTS. THE EXACT PATH OF CONDUIT IS TO BE DETERMINED BY THE COORDINATE PATHWAYS FOR ALL AV RELATED DEVICES WITH ARCHITECTURAL AND ELECTRICAL PLANS.
4. HIGH LEVEL/HIGH CURRENT FEEDS (SUCH AS FOR POWER DISTRIBUTION PANELS, LIGHTING, AND BRANCH CIRCUITS,) ARE NOT TO BE RUN PARALLEL WITH AUDIO/VIDEO CONDUITS OR CABLING. IF HIGH LEVEL/HIGH CURRENT FEEDS MUST RUN PARALLEL TO AUDIO/VIDEO CONDUITS OR CABLING, MINIMUM SEPARATION MUST BE MAINTAINED ACCORDING TO THE FOLLOWING TABLE. "NA" INDICATES THAT THE USE SHOULD BE AVOIDED. SPACINGS ASSUME THAT POWER CONDUCTORS WILL NOT BE TWISTED PAIRS. CLOSER SPACINGS CAN BE USED IF POWER CONDUCTORS ARE TWISTED PAIRS.
5. NO LARGE POWER TRANSFORMERS OR MOTORS SHOULD BE LOCATED WITHIN 50 FEET OF AV EQUIPMENT SPACES.
6. ALL AV CABLING THAT IS RUN OPEN-WIRE SHALL BE SUPPORTED FROM J-HOOKS NO GREATER THAN 3 FEET APART. NO CABLE IS TO BE UNSUPPORTED OR LAID OVER CEILING TILES, BLACK IRON, OR OTHER CEILING MEMBERS.
7. THE METHOD OF INSTALLATION OF BOXES IN WALLS, AND THE METHOD OF PASSAGE OF CONDUITS AND WIREWAYS THROUGH ACOUSTICALLY SENSITIVE WALLS SHALL BE COORDINATED WITH THE ACOUSTICAL CONSULTANT.
8. INSTALL FIRESTOP TO ALL SLAB AND WALL PENETRATIONS PROVIDED FOR THE INSTALLATION OF CABLE AND CONDUIT AS REQUIRED TO MAINTAIN FIRE RATING OF SLAB OR WALL. REVIEW ARCHITECT'S PLANS FOR PARTITION TYPES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FIRE RATING OF ALL WALLS AND FLOORS HAVING CABLING PENETRATIONS, COORDINATE SEALANT INSTALLATION WITH WORK OF OTHER TRADES. REFER TO ELECTRICAL SPECIFICATIONS FOR MATERIAL AND INSTALLATION PARAMETERS.
9. ALL POWER, WIREWAYS, AND JUNCTION BOXES ARE TO BE REVIEWED BY ELECTRICAL ENGINEER FOR CODE AND SAFETY COMPLIANCE.
10. ALL OVERHEAD RIGGING REQUIREMENTS ARE TO BE REVIEWED AND STAMPED FOR APPROVAL BY LICENSED STRUCTURAL ENGINEER FOR CODE AND SAFETY COMPLIANCE.
11. POWER BREAKER AND DISTRIBUTION PANELS ARE SIZED AND SPECIFIED BY THE ELECTRICAL ENGINEER.
12. ALL CABLE TRAY THAT IS SURFACE-MOUNTED ON SLAB BELOW RAISED FLOOR OR ABOVE EQUIPMENT RACKS SHALL BE SECURELY FASTENED AND LEFT OPEN FOR CABLE ACCESS.
13. POWER FOR AV AND RELATED SYSTEMS SHALL USE AN EIA/TIA 607 COMPLIANT GROUNDING SYSTEM, DESIGNED BY THE ELECTRICAL ENGINEER. REFER TO AV DETAIL SHEETS FOR ADDITIONAL GROUNDING REQUIREMENTS IF APPLICABLE.
14. ALL AV-RELATED EMPTY CONDUIT SHALL BE REAMED, CLEANED, CAPPED (WHERE APPROPRIATE), TAGGED, AND FURNISHED WITH PULL WIRES.
15. WHERE EXACT DIMENSIONS ARE NOT INDICATED, THE SCALE OF THIS DRAWING IS SUFFICIENTLY ACCURATE FOR DETERMINING THE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIREWAYS, PANELS, ETC. WHERE EXACT DIMENSIONS ARE INDICATED, THE REFERENCE SURFACE SHALL BE THE FINAL FINISHED SURFACE INCLUDING ANY ACOUSTICAL TREATMENT. ROOM DIMENSIONS ON THE DRAWINGS HAVE BEEN TAKEN FROM PRELIMINARY ARCHITECTURAL DRAWINGS. ALL DIMENSIONS MUST BE VERIFIED AND ANY DEVIATIONS CAUSING CHANGES MUST BE COORDINATED WITH SHEN MILSOM & WILKE, LLC.
16. NOTIFY OWNER'S REPRESENTATIVES OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE AV DRAWINGS. OBTAIN CLARIFICATION BEFORE PROCEEDING WITH WORK.
17. ALL AV DEVICES (GROUP 3) SHALL BE SECURELY MOUNTED PLUMB AND STRAIGHT TO WALLS, FLOORS, OR RACKS PER THE MANUFACTURER'S RECOMMENDED MOUNTING PRACTICE.
18. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100' OF STRAIGHT EMPTY AV-RELATED CONDUIT AND ONE PULL BOX WHERE THERE ARE MORE THAN TWO 90° BENDS OR LESSER BENDS TOTALING 180° IN A CONDUIT RUN.
19. MAINTAIN MINIMUM BEND RADIUS OF 10X OD FOR ALL AV-RELATED CONDUITS.
20. LIGHTING DESIGNER TO PROVIDE LIGHTING ON A SEPARATE DIMMING ZONE AT THE SCREEN/DISPLAY DEVICE TO ENSURE GOOD CONTRAST AND IMAGE SHARPNESS.
21. AV CONTRACTOR (GROUP 3) SHALL RESTORE CEILINGS, WALLS AND ANY OTHER SURFACES AFFECTED BY THEIR WORK PRIOR TO COMPLETION OF WORK WITH LIKE MATERIALS TO MATCH EXISTING CONSTRUCTION.
22. REFER TO AV ELECTRICAL PLANS AND/OR RISER DIAGRAMS FOR EMPTY CONDUIT SIZING.
23. ALL POWER CIRCUITS INDICATED IN THIS DRAWING SET TO BE PROVIDED BY DEDICATED BREAKER PANEL(S). NO NON-AV CIRCUITS TO BE FED FROM DEDICATED AV BREAKER PANEL(S).
24. POWER FOR ALL AV SERVICES IN EACH DESIGNATED SPACE SHALL BE ON THE SAME ELECTRICAL PHASE, AND THIS PHASE SHALL NOT INCLUDE MOTORS, APPLIANCES, OR ANY OTHER SOURCE THAT CAN CAUSE SIGNAL INTERFERENCE.
25. GROUNDING: GROUND COMMUNICATIONS SYSTEMS AND EQUIPMENT IN ACCORDANCE WITH ANSI/TIA/EIA-807 GROUNDING STANDARDS AND APPLICABLE NEC REQUIREMENTS EXCEPT WHERE DRAWINGS OR SPECIFICATIONS EXCEED NEC REQUIREMENTS. ALL RACKS, METALLIC BACKBOARDS, CABLE SHEATHS, CABLE TRAYS, ETC. ENTERING OR RESIDING IN TECHNICAL EQUIPMENT SPACES SHALL BE GROUNDED TO THEIR RESPECTIVE GROUND SYSTEM USING A MINIMUM OF #6 AWG STRANDED COPPER BONDING CONDUCTOR AND COMPRESSOR CONNECTORS. ALL WIRES USED FOR TECHNICAL POWER SYSTEMS GROUNDING PURPOSES SHALL BE IDENTIFIED WITH GREEN INSULATION OR IDENTIFIED AT EACH TERMINATION POINT WITH A WRAP OF GREEN TAPE. ALL CABLES AND BUS BARS SHALL BE IDENTIFIED AND LABELED "TECHNICAL POWER SYSTEM GROUND". CONDUIT STUBS: PROVIDE NYLON BUSHING ON ALL CONDUIT STUBS AND NON-TERMINATING CONDUIT ENDS TO PROTECT WIRE PULLS.
26. JUNCTION BOX COVERS: UNLESS OTHERWISE NOTED, ALL JUNCTION BOXES MUST BE PROVIDED WITH A COVER. WHERE RAISED DEVICE COVERS ARE SPECIFIED, MATCH COVER DEPTH TO WALL THICKNESS. WHERE JUNCTION BOXES ARE MOUNTED AT OR ABOVE FINISHED CEILING HEIGHT, INSTALL JUNCTION BOXES WITH OPEN SIDE FACING DOWN.
27. POWER RECEPTACLES: TECHNICAL POWER RECEPTACLES, INCLUDING THOSE WITHIN FLOOR BOXES, WALL BOXES, OR CEILING BOXES, SHALL BE PROVIDED BY THE GENERAL CONTRACTOR AND APPEAR ON THE ELECTRICAL DRAWINGS. TECHNICAL POWER RECEPTACLES IN RELATION TO TECHNOLOGY INFRASTRUCTURE IS CRITICAL. REFER TO THE ELECTRICAL DRAWINGS FOR COMPLETE POWER LAYOUTS AND CIRCUITING DETAILS.
28. NETWORK OUTLETS FOR AUDIOVISUAL SYSTEMS: ALL NETWORK OUTLETS SHALL APPEAR ON THE NETWORK DRAWINGS. NETWORK SERVICES APPEARING ON THE AUDIOVISUAL DRAWINGS ARE REPRESENTATIVE OF NETWORK CONNECTIVITY REQUIREMENTS IN SUPPORT OF AUDIOVISUAL SYSTEMS, AS THE LOCATION OF NETWORK SERVICES IN RELATION TO TECHNOLOGY INFRASTRUCTURE IS CRITICAL. REFER TO THE STRUCTURED CABLING SYSTEM SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL INFORMATION.

ROOM READY:

PLEASE FIND THE BELOW GUIDE TO REVIEW THE CONDITION OF THE AV CONFERENCE ROOMS PRIOR TO DELIVERY AND INSTALLATION OF THE MULTIMEDIA SYSTEMS. THE MULTIMEDIA SYSTEMS ARE DELIVERED AFTER THE ROOMS ARE 'READY' TO ENSURE A PROPER AND SECURE INSTALLATION OF THE MULTIMEDIA EQUIPMENT.

1. ALL CONSTRUCTION IN THE CONFERENCE ROOM IS COMPLETE, INCLUDING:
   A. ALL ASSOCIATED ROOMS ARE FREE OF DEBRIS AND IS CLEAN
   B. ALL WALLS ARE COMPLETE WITH ANY BLOCKING, FABRIC WALL COVERINGS OR PAINT AS REQUIRED
   C. CEILINGS ARE COMPLETE AND CLOSED
   D. FLOOR FINISHES/CARPET IS INSTALLED
   E. ALL DOORS ARE INSTALLED AND KEYS/LOCKS PROVIDED
   F. ALL LIGHTING IS INSTALLED AND PROGRAMMED, IF CONTROLLABLE (LUTRON)
2. ALL ELECTRICAL WORK RELATED TO THE AV SYSTEM IS COMPLETE, INCLUDING:
   A. INSTALLATION OF ALL CONDUIT, FLOOR BOXES, PULL BOXES, WIRE WAYS, ETC.
   B. INSTALLATION OF ALL 120V CIRCUITS IS COMPLETE
   C. INSTALLATION OF ALL TABLE AND FURNITURE RELATED POWER AND PULL BOXES ARE COMPLETE
3. ALL WINDOW TREATMENTS ARE INSTALLED AND PROGRAMMED, IF CONTROLLABLE (SOMFY OR EQUAL)
4. ALL PHONE, BRI, LAN CONNECTIONS ARE LIVE AND CHANNEL TESTED
   A. ALL CABLES AND BOXES MUST BE LABELED AND MATCH MULTIMEDIA TELECOM SHEET
   B. ALL LAN CONNECTIONS MUST BE FLUKED AND CONFIGURED PER THE MULTIMEDIA TELECOM SHEET
5. THE CONFERENCE ROOM TABLE AND CREDENZA ARE INSTALLED AND CUTOUTS FOR VENTILATION CONFIRMED

NOTE: PROJECT SPECIFIC 'ROOM READY' IS A MINIMUM OF 4-6 WEEKS PRIOR TO EXPECTED SYSTEM OPERATION DATES.

SCOPE OF WORK BETWEEN TRADES:

SCOPE OF WORK	FURNISH	INSTALL
IN-WALL BLOCKING SUPPORT FOR AV MOUNTS	GC	GC
MOTORIZED PROJECTION SCREENS	GC	GC
WALL AND CEILING SPEAKER CUTOUTS	GC	GC
FURNITURE CUTOUTS FOR AV EQUIPMENT (UNLESS PROVIDED BY FURNITURE PROVIDER)	GC	GC
KINDORF AND/OR BLACK IRON AS REQUIRED FOR CEILING MOUNTED AV DEVICES	GC	GC
CABLE CONTAINMENT INCLUDING:	GC	GC
- CONDUIT WITH MEASURED PULLSTRINGS	GC	GC
- CABLETRAY, LADDERTRAY, AND WIREWAYS	GC	GC
- FLOORBOXES	GC	GC
- JUNCTION BOXES, PULL BOXES, AND BACKBOXES	GC	GC
POWER OUTLETS	GC	GC
DEDICATED DISTRIBUTION PANELS, LOAD CENTERS, AND POWER ISOLATION TRANSFORMERS	GC	GC
AV CABLING (LOW VOLTAGE) (GROUP 3)	AV	AV
AV TERMINATIONS (GROUP 3)	AV	AV
CUSTOM ENGRAVED AV COVER PLATES (GROUP 3)	AV	AV
J-HOOKS AND OTHER SUPPORTS REQUIRED FOR OPEN-RUN AV CABLING	GC	GC
AV DEVICE WALL MOUNTS (GROUP 3)	AV	AV
AV DEVICES (AS DESCRIBED IN THE AV BID DOCS) (GROUP 3)	AV	AV
VOICE/DATA NETWORK CABLING (FIBER AND TWISTED PAIR) (GROUP 3)	ST	ST
VOICE/DATA COVER PLATES (GROUP 3)	ST	ST
LIGHTING & SHADE CONTROL INTERFACE	GC	GC

REFER TO AV DETAIL SHEETS FOR ADDITIONAL SCOPE DELINEATION AND INFORMATION

DEFINITION OF TERMS

FURNISH - TO PURCHASE AND DELIVER TO THE PROJECT SITE COMPLETE WITH EVERY NECESSARY APPURTENANCE AND SUPPORT. PURCHASING SHALL INCLUDE PAYMENT OF ALL SALES TAXES AND OTHER SURCHARGES AS MAY BE REQUIRED TO ASSURE THAT PURCHASED ITEMS ARE FREE OF ALL LIENS. CLAIMS, OR ENCUMBRANCES.

INSTALL - TO UNLOAD AT THE DELIVERY POINT AT THE SITE AND PERFORM EVERY OPERATION NECESSARY TO ESTABLISH SECURE MOUNTING AND CORRECT OPERATION AT THE PROPER LOCATION IN THE PROJECT, ALL AS PART OF THE WORK.

PROVIDE - TO FURNISH AND INSTALL

LEGEND FOR SCOPE OF WORK BETWEEN TRADES:
GC = GENERAL CONTRACTOR
AV = AV CONTRACTOR (GROUP 3)
ST = STRUCTURED CABLING OR TELECOMMUNICATIONS CONTRACTOR (GROUP 3)

ABBREVIATIONS:

A	AMPERES
AC	ABOVE COUNTER
AFC	AT FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFP	ABOVE FINISHED PLATFORM OR RASIED FLOOR
AS	ABOVE SLAB
ATS	ABOVE TABLE SURFACE
AV	AUDIOVISUAL
AWG	AMERICAN WIRE GAGE
C	CONDUIT
CAT-3	TIA/EIA CATEGORY 3 RATED
CAT-5E	TIA/EIA CATEGORY 5E RATED
CAT-6A	TIA/EIA CATEGORY 6A RATED
CAT-6E	TIA/EIA CATEGORY 6E RATED
CB	CEILING BOX
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
COAX	COAXIAL CABLE
CL	CENTER LINE
COND	CONDUCTOR
CLG	CEILING
CP	CONSOLIDATION POINT
CU	COPPER
DVR	DIGITAL VIDEO RECORDER
DWG	DRAWING
EC	EMPTY CONDUIT
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING (W/ PULL STRING)
EC	EMPTY CONDUIT
EX	EXISTING
F/UTP	FOILED/UNSHIELDED TWISTED PAIR
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FB	FLOOR BOX
FO	FIBER OPTIC
FP	FLAT PANEL
GND	GROUND
HC	HUNG CEILING
HZ	HERTZ
ID	INSIDE DIAMETER
IDF	INTERMEDIATE DISTRIBUTION FRAME
LAN	LOCAL AREA NETWOOR
LV	LOW VOLTAGE
MAX	MAXIMUM
MER	MECHANICAL EQUIPMENT ROOM
MC	MAIN CROSS CONNECT
MIC	MICROPHONE
MDF	MAIN DISTRIBUTION FRAME
MH	MANHOLE
MIN	MINIMUM
MM	MULTIMODE
MTD	MOUNTED
MTER	MAIN TELECOMMUNICATIONS EQUIPMENT ROOM
N	NEUTRAL
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NID	NETWORK INTERFACE DEVICE
NTS	NOT TO SCALE
NO	NORMALLY OPEN
NO.	NUMBER
OD	OUTSIDE DIAMETER
OFE	OWNER FURNISHED EQUIPMENT
OSP	OUTSIDE PLANT
PA	PUBLIC ADDRESS
PB	PULLBOX
PP	PATCH PANEL
PR	PAIR
PBX	PRIVATE BRANCH EXCHANGE
PNL	PANEL
POE	POWER OVER ETHERNET
PRJ	PROJECTOR
PTZ	PAN/TILT/ZOOM
RM	ROOM
RW	RACEWAY
SC	SCREW COVER BOX
SB	SPEAKER BACK BOX
SM	SINGLE MODE
SP	SPEAKER
ST	STRAND
STP	SHIELDED TWISTED PAIR
TBD	TO BE DETERMINED
TEMP	TEMPORARY
TGB	TELECOMMUNICATIONS GROUND BAR
TR	TELECOMMUNICATIONS ROOM
TS	TAMPER SWITCH
TSER	TELECOMMUNICATIONS SERVICE ENTRANCE ROOM
TV	TELEVISION
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UPS	UNTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
VA	VOLT/AMPERS
VIF	VERIFY IN FIELD
VM	VOLTMETER
VOIP	VOICE OVER INTERNET PROTOCOL
VP	VAPOR PROOF
W	WATTS
WAN	WIDE AREA NETWORK
WAP	WIRELESS ACCESS POINT
WM	WIRE MANAGEMENT
WP	WATERPROOF
WS	WORKSTATION
WT	WATER TIGHT
WW	WIREWAY
XFRM	TRANSFORMER

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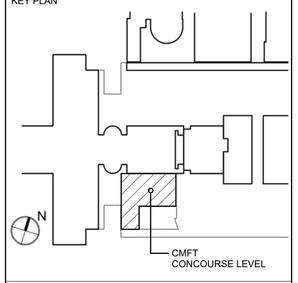
KEY PLAN



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Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036.01

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DRAWING TITLE:

AUDIOVISUAL TITLEPAGE

SCALE:
12" = 1'-0"

DATE:
12 JUNE 2023

DRAWING NO.:
TA.100

AV DEVICE SCHEDULE	**NOTE: AV DEVICES AND EQUIPMENT ARE PROVIDED UNDER GROUP 3 SCOPE OF WORK AND ARE FOR REFERENCE ONLY**					DEVICE DIMENSIONS			
DEVICE ID	TYPE	MOUNTING	DESCRIPTION	MANUFACTURER	MODEL/PART#	HEIGHT	WIDTH	DEPTH	DETAIL REF#
PRJ-01	ULTRA-SHORT THROW LASER VIDEO PROJECTOR	WALL MOUNTED	Wall Mounted Ultra-Short Throw Laser Video Projector	Epson	BrighLink 1485Fi	8.3"	18.1"	14.3"	TA.901/2
SPK-02	PROGRAM SPEAKER	CEILING SUSPENDED	Program Speaker, 8" Coaxial	Biamp	Desono EX-S8	17.4"	10.3"	10.2"	
AST-01	ASSISITIVE LISTENING IR EMITTER	WALL MOUNT	Wall Mounted Assistive Listening IR Emitter	Listen Technologies	LT-84-01	1.5"	10.7"	4.1"	TA.901/3
CP-10	10" CONTROL TOUCH PANEL	TABLE TOP MOUNT	10.1" Tabletop Touch Screen	Crestron	TS-1070	5.87"	9.46"	2.01"	
LEC-01	LECTERN	FLOOR MOUNTED	Custom AV Lectern	Middle Atlantic	L2 Series				

1 AUDIOVISUAL SCHEDULE-AV DEVICE (GROUP 3 SCOPE - FOR REFERENCE ONLY)
12" = 1'-0"

INFRASTRUCTURE SCHEDULE						ENCLOSURE DIMENSIONS			
TAG	TYPE	MOUNTING	DESCRIPTION	MANUFACTURER	MODEL/PART#	HEIGHT	WIDTH	DEPTH	DETAIL REF#
J01	1 GANG JUNCTION BOX	Flush	Furnished & Installed by General Contractor	Eaton	TP604	4"	2-1/8"	2-1/8"	
J02	2 GANG JUNCTION BOX	Flush	Furnished & Installed by General Contractor	Eaton	TP870	4.5"	6-13/16"	2.5"	
SCR-104	PROJECTION SCREEN	WALL	Wall Mounted Motorized Tab-Tensioned Projection Screen	Draper	Draper Acumen V #154110TY, 104"Wx58"H	7-1/16"	130-3/16"	5-7/8"	TA.901/2
SCRSW	PROJECTION SCREEN SWITCH	WALL	Projection Screen 3-Position Wall Switch	Draper	24V 3 Button Switch	4.5"	2.5"	2-1/8"	

2 AUDIOVISUAL SCHEDULE-INFRASTRUCTURE
12" = 1'-0"

NETWORK SCHEDULE							
TAG	TYPE	MOUNTING	DESCRIPTION*	# OF DROPS	CABLE	TERMINATION	DETAIL REF
T1	1 DATA PORT, ADJACENT	Flush	Adjacent to AV	1	CAT 6A	RJ-45	
T1P	1 PoE DATA PORT, ADJACENT	Flush	Adjacent to AV	1	CAT 6A	RJ-45	
T2	2 DATA PORT, ADJACENT	Flush	Adjacent to AV	2	CAT 6A	RJ-45	
T6	6 DATA PORT, ADJACENT	Flush	Adjacent to AV	6	CAT 6A	RJ-45	

3 AUDIOVISUAL SCHEDULE-NETWORK
12" = 1'-0"

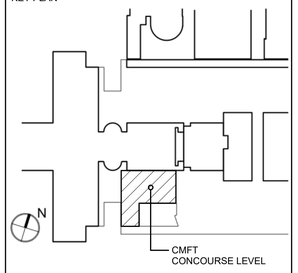
POWER SCHEDULE							
TAG	TYPE	MOUNTING	DESCRIPTION*	VOLTS	AMPS	NEMA	DETAIL REF
P1	20A DUPLEX ADJACENT	Flush	Adjacent to AV	120V	20A	5-20R	
P4	20A QUAD ADJACENT	Flush	Adjacent to AV	120V	20A	5-20R	
PI1	120V SUPPLY HARDWIRED TO LOW VOLTAGE INTERFACE		Power hardwired to device low voltage interface	120V	20A	5-20R	
PB4	(4) 20A DUPLEX ADJACENT	Integrated inside in-wall box	(4) Prewired AC Outlets along one vertical side of in-wall box	120V	20A	5-20R	TA.901/4

4 AUDIOVISUAL SCHEDULE-POWER
12" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

Renovations to Relocate Admissions for Rehab of Administration Bldg - Phase 1A
SUCF #291036.01

1906
SUNY Purchase College
Purchase, NY 10577

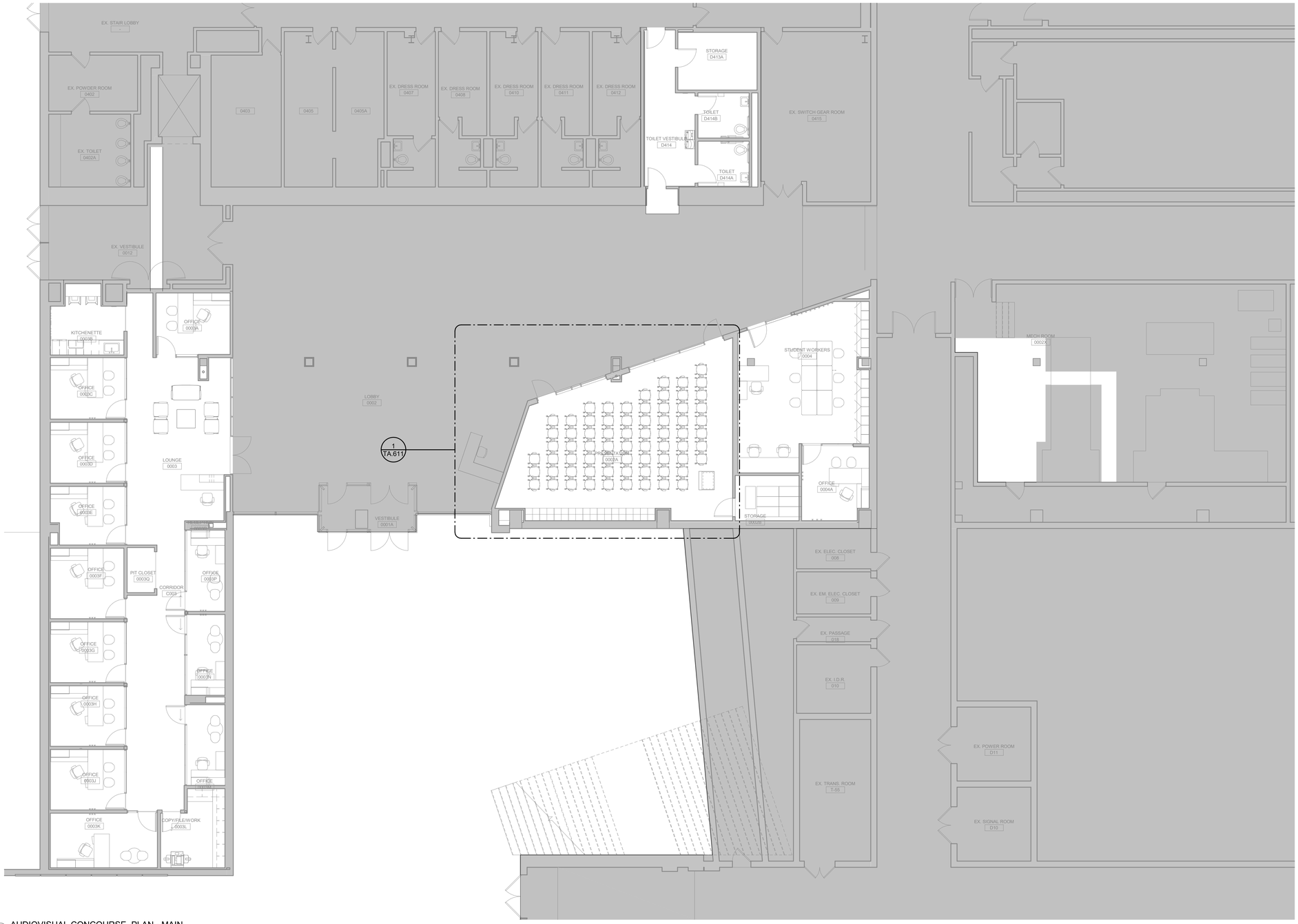
DRAWING TITLE:

AUDIOVISUAL SCHEDULES (GROUP 1)

SCALE:
12" = 1'-0"

DATE:
12 JUNE 2023

DRAWING NO.:
TA.101



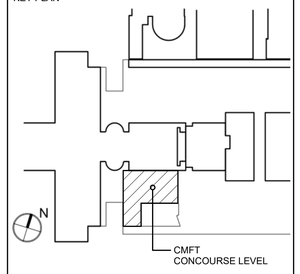
1 AUDIOVISUAL CONCOURSE PLAN - MAIN
1/8" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

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SUCF #291036.01

1906
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

AUDIOVISUAL KEY PLANS

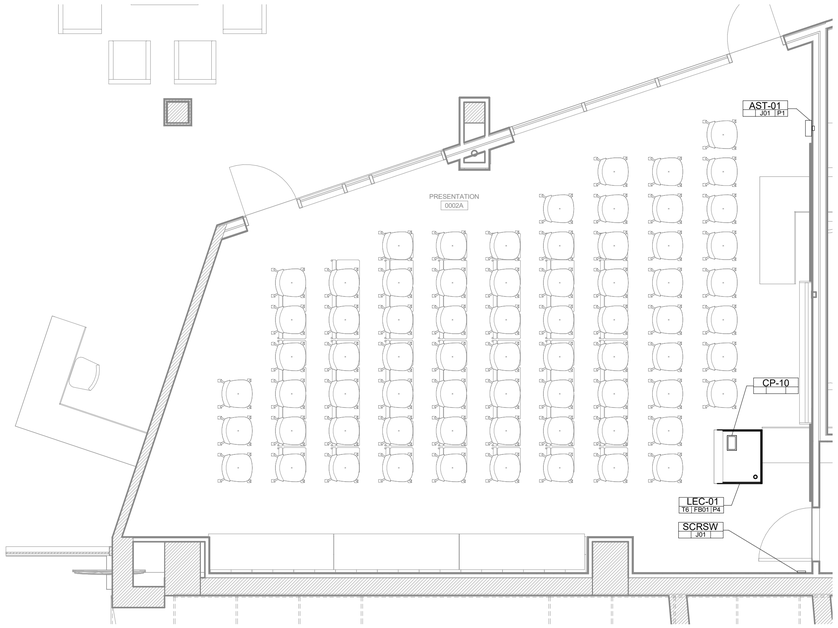
SCALE:
1/8" = 1'-0"

DATE:
12 JUNE 2023

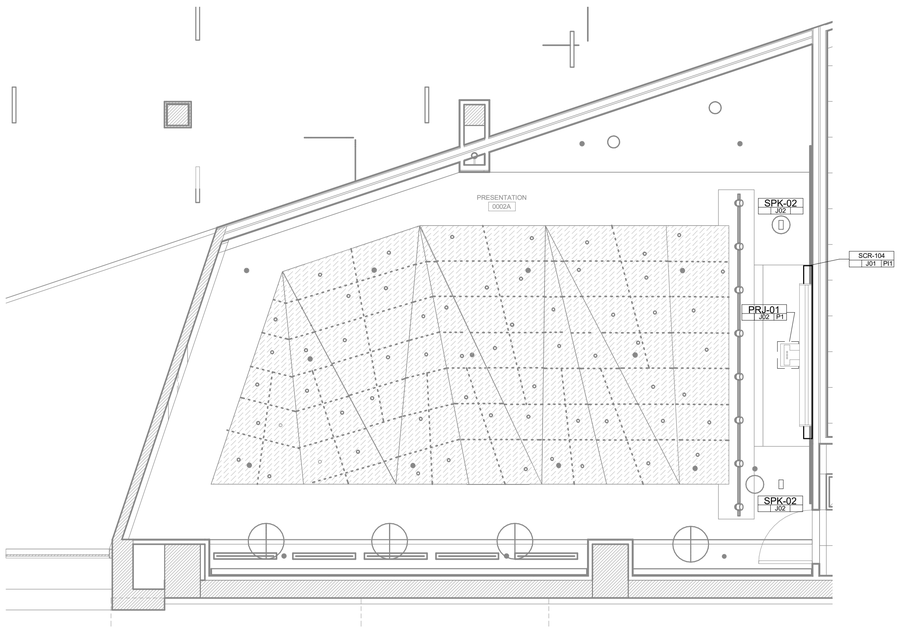
DRAWING NO.:

TA.110

REGISTERED ARCHITECT
STATE OF NEW YORK



1 AUDIOVISUAL CONCOURSE PLAN - ORIENTATION
1/4" = 1'-0"



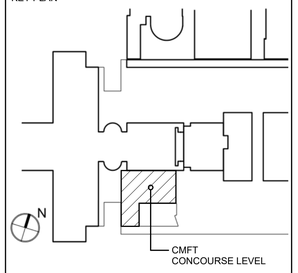
2 RCP AT ORIENTATION ROOM
1/4" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

Shen Milsom & Wilke LLC
417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

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SUCF #291036.01

1906
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Purchase, NY 10577

DRAWING TITLE:

AUDIOVISUAL ENLARGED PLANS

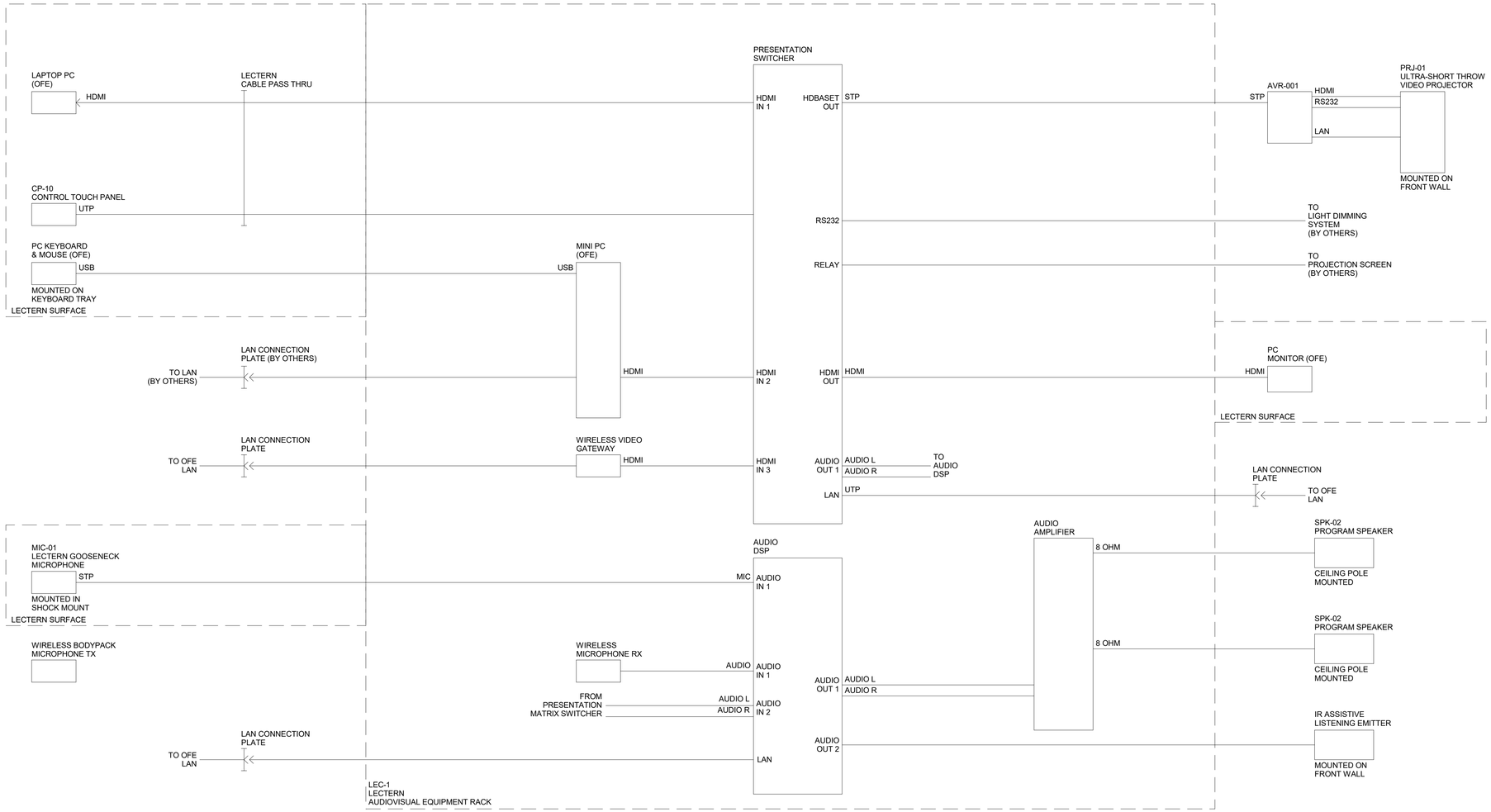
SCALE:
1/4" = 1'-0"

DATE:
12 JUNE 2023

DRAWING NO.:

TA.611

REGISTERED ARCHITECT
STATE OF NEW YORK



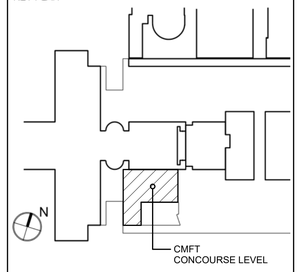
1 AUDIOVISUAL SYSTEM BLOCK DIAGRAMS - ORIENTATION
12" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

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164 Brighton Road, Clifton, NJ 07012

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Shen Milsom & Wilke LLC
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DRAWING TITLE:

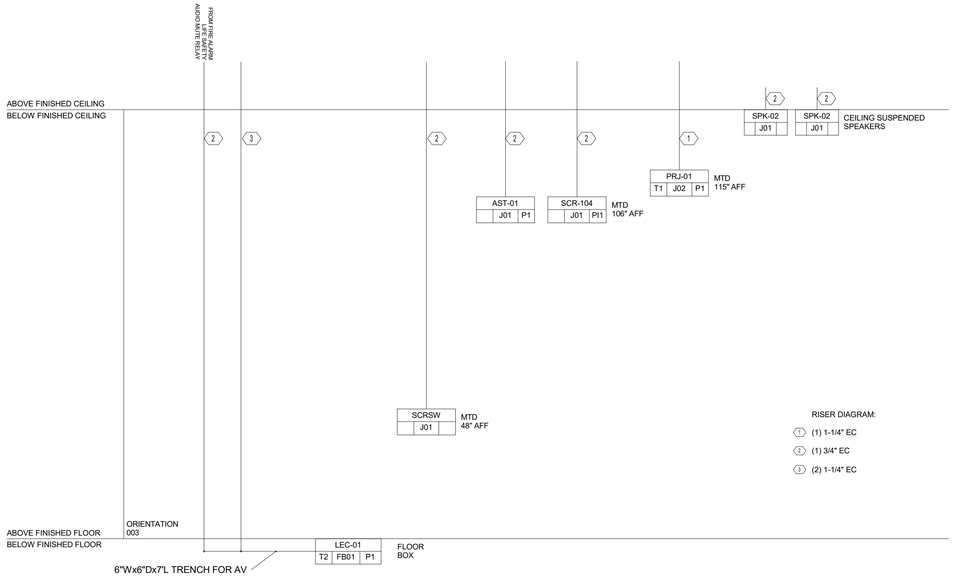
AUDIOVISUAL SYSTEM BLOCK DIAGRAM (GROUP 3)

SCALE:
12" = 1'-0"

DATE:
12 JUNE 2023

DRAWING NO.:

TA.700



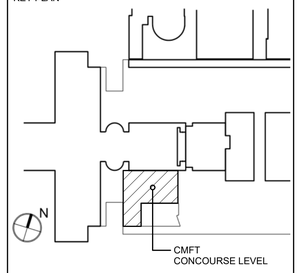
1 AUDIOVISUAL RISER DIAGRAM-ORIENTATION
1/2" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

LERA Consulting Structural Engineers
40 Wall Street, Floor 23, New York, New York 10005

A&J Consulting Engineering Services
164 Brighton Road, Clifton, NJ 07012

The Lighting Practice
115 Broadway, 5th Floor, New York, NY 10006

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417 Fifth Avenue, New York, NY 10016

Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

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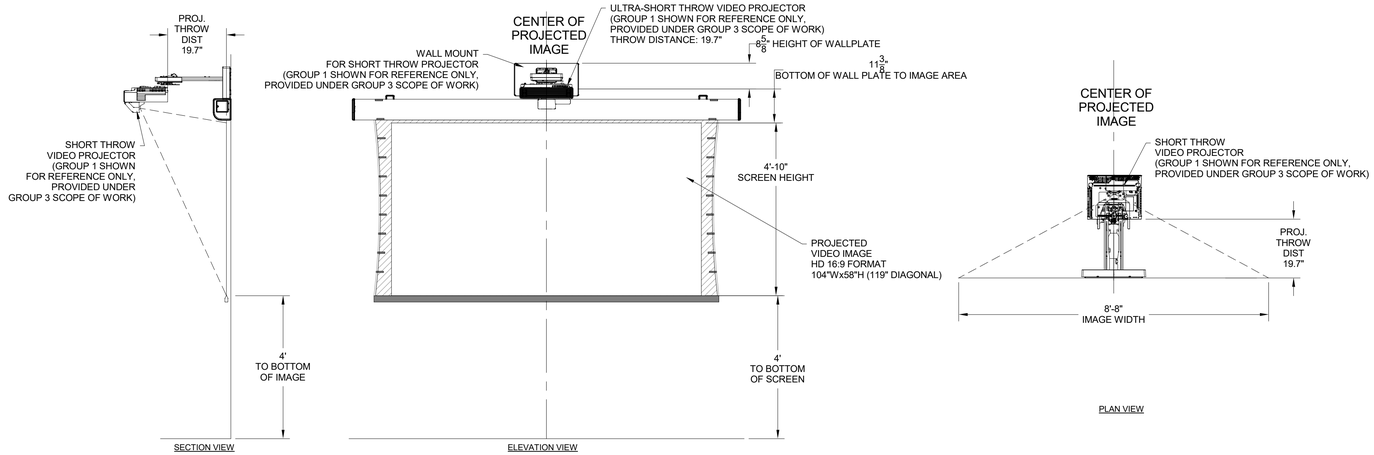
DRAWING TITLE:

AUDIOVISUAL RISER DIAGRAMS

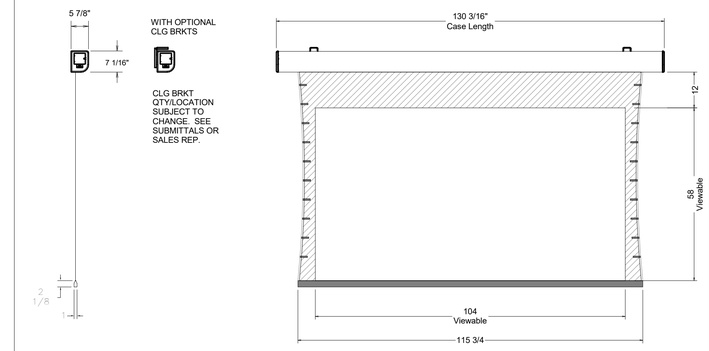
SCALE:
1/2" = 1'-0"

DATE:
12 JUNE 2023

DRAWING NO.:
TA.900

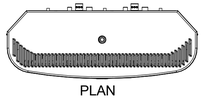


1 AV DETAIL-ULTRA-SHORT THROW PROJECTOR (PRJ-01)
1/2" = 1'-0"



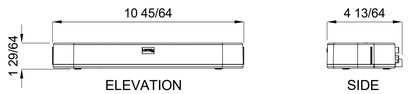
ROOM	DIAG SIZE	MODEL	MATERIAL	IMAGE WIDTH	IMAGE HEIGHT	CASE HEIGHT	CASE LENGTH	CASE DEPTH
ORIENTATION ROOM #003	119"	DRAPER ACUMEN V	TECVISION XH800X ALR	104"	58"	7-1/16"	130-3/16"	5-7/8"

2 AV DETAIL-PROJECTION SCREEN (SCR-104)
1/2" = 1'-0"



PLAN

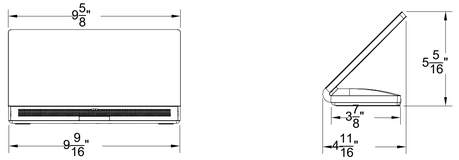
ASSISTIVE LISTENING IR EMITTER (AST-01)
MANUFACTURER: LISTEN TECHNOLOGIES
MODEL #: LT-84-1



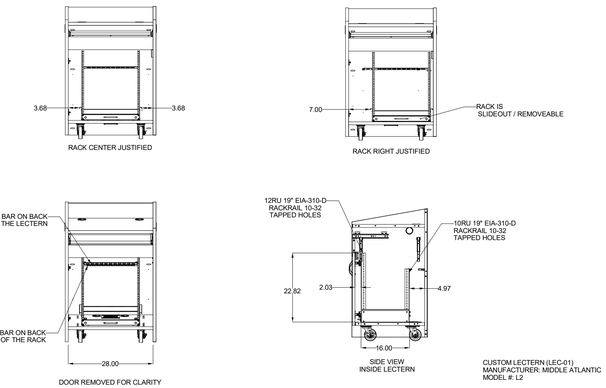
3 AV DETAILS-ASSISTIVE LISTENING IR EMITTER (AST-01)
3" = 1'-0"

PLAN

TABLE MOUNT 10" CONTROL TOUCH PANEL (CP-10)
MANUFACTURER: CRESTRON
MODEL #: TS-1070



4 AV DETAILS-10" CONTROL TOUCH PANEL (CP-10)
3" = 1'-0"



5 AV DETAILS-CUSTOM LECTERN (LEC-01)
1" = 50'-0"

ISSUE:

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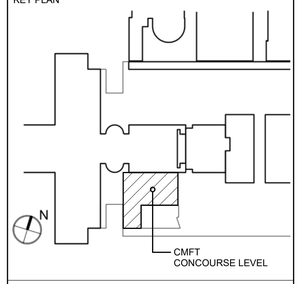
KEY PLAN



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- A Perkins Eastman Studio
115 Fifth Avenue, Third Floor, New York, NY 10003

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A&J Consulting Engineering Services
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1906
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DRAWING TITLE:

AUDIOVISUAL DETAILS

SCALE:
As indicated

DATE:
12 JUNE 2023

DRAWING NO.:

TA.901