State University Construction Fund

STATE UNIVERSITY COLLEGE AT PURCHASE

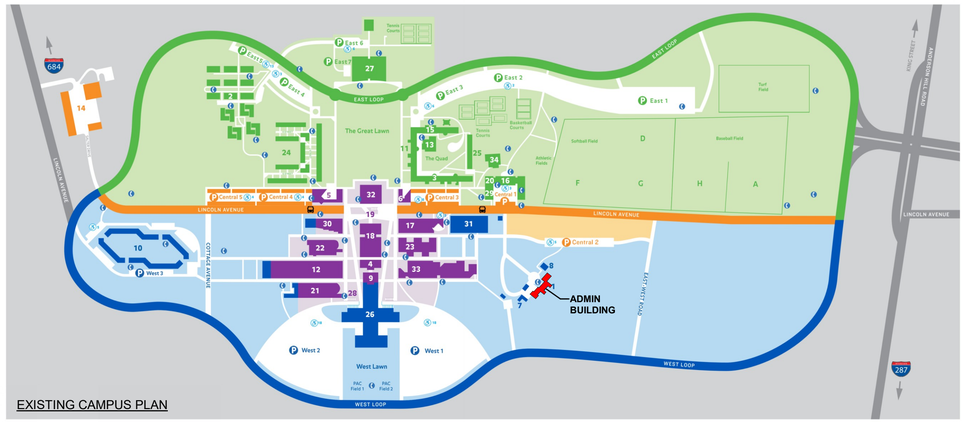
SUCF #291036-02
REHAB ADMINISTRATION BUILDING EXTERIOR

BID DOCUMENTS
10 SEPTEMBER 2024

SHEET LIST

NORTH FACADE

SOUTH FACADE



EXISTING CAMPUS PLAN

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)

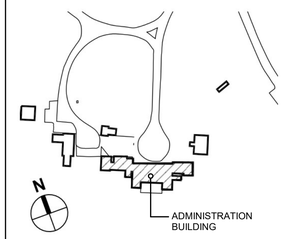
TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT ARE IN CONFORMANCE WITH THE BUILDING CODE OF NEW YORK STATE AND ALL OTHER APPLICABLE FEDERAL AND STATE LAWS AND REGULATIONS, ALL AS CURRENTLY AMENDED.

MICHAEL NIEMINEN, FAIA	LOUISE GRIGG	TODD RADER	PAUL CHECCO	RICK ZOTTOLA	JAY AGARWAL
ARCHITECT	CIVIL	LANDSCAPE	HAZMAT	STRUCTURAL	MEPP
018338	062513	001624	027811	62864	071758
REGISTRATION NO.	REGISTRATION NO.	REGISTRATION NO.	REGISTRATION NO.	REGISTRATION NO.	REGISTRATION NO.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
TITLE SHEET

SCALE: N.T.S.
DATE: 10 SEPTEMBER 2024
DRAWING NO.: **T000**

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. - LAVIATORY
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. - SIMILAR
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

MATERIAL	PATTERN	MATERIAL	PATTERN
MASONRY		RIGID INSULATION	
CONCRETE BLOCK (CMU)		BATT INSULATION	
CONCRETE FILL		SPRAY FOAM INSULATION	
LIGHTWEIGHT CONCRETE		STEEL	
STRUCTURAL FOAM		ALUMINUM	
TERRAZZO		BRASS/BRONZE	
STONE		PLASTIC LAMINATE	
GRAVEL		FINISH WOOD	
PLASTIC LAMINATE		WOOD BLOCKING	
CERAMIC TILE		PLYWOOD	
PLASTER, GWB		CORK	
MDF		EXISTING CONSTRUCTION	

REFERENCE SYMBOLS

DOOR NUMBER / ROOM NUMBER — DOOR TAG

LEVEL / NUMBER — BORROWED LIGHT TAG

ROOM NUMBER — ROOM TAG

LEVEL / WINDOW NUMBER — WINDOW TAG

COLUMN LINE

Name / Elevation — FLOOR DATUM ELEVATION

SECTION DETAIL

PLAN DETAIL

LEVEL / STOREFRONT NUMBER — STOREFRONT TAG

FURNITURE TAG

CASEWORK TAG

WALL TYPE / FIRE RATING — WALL TAG

ELEVATION TAG

SPOT ELEVATION

CENTER LINE

REVISION TAG

ROOM NUMBER, ROOM NAME, ROOM AREA, OCCUPANCY CLASS, NUMBER OF OCCUPANTS — ROOM DATA TAG

ISSUE:
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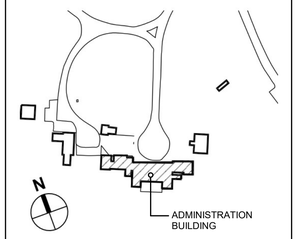
KEY PLAN



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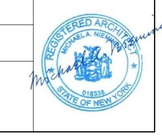
PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
State University College at Purchase
Purchase, NY 10577

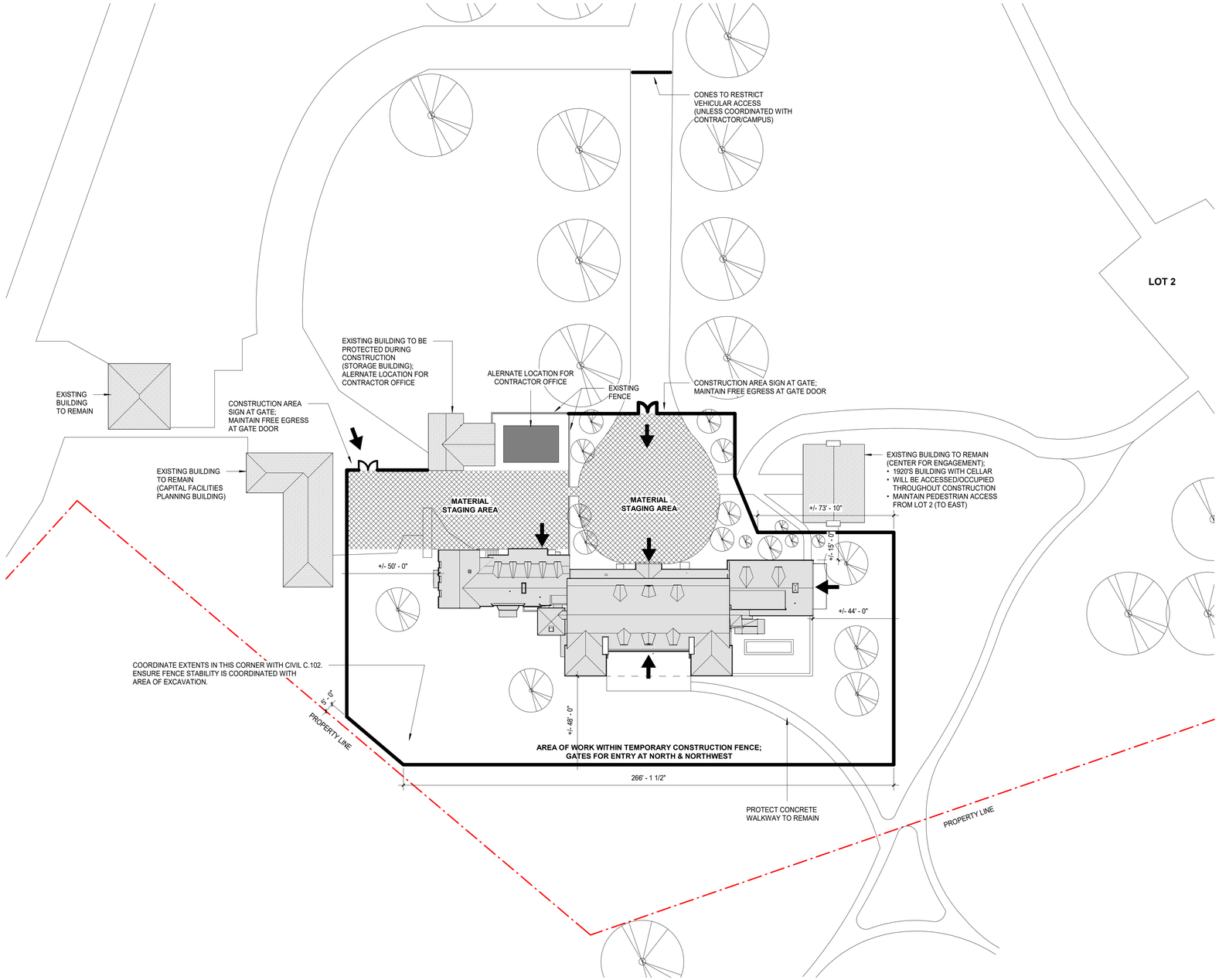
DRAWING TITLE:
ABBREVIATIONS & SYMBOLS

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

DATE: 10 SEPTEMBER 2024

DRAWING NO.:
T001





1 SITE STAGING & LOGISTICS PLAN
1" = 30'-0"

NOTES:

1. BUILDING SHALL REMAIN UNOCCUPIED DURING CONSTRUCTION.

2. CONSTRUCTION FENCE HEIGHT, MATERIAL, AND SUPPORT PER SPEC SECTION 015529-10.

3. REFER TO LANDSCAPE DRAWINGS FOR PLANTING REMOVALS, WHICH ARE COORDINTED WITH SITE & ENVELOPE WORK.

SITE PLAN LEGEND:

- EXISTING TO BE RENOVATED
- PROPERTY LINE
- MATERIAL STAGING AREA
- AREA OF WORK, OR BUILDING TO REMAIN
- POINT OF ENTRY
- TREE (REFER TO LANDSCAPE)

ISSUE:
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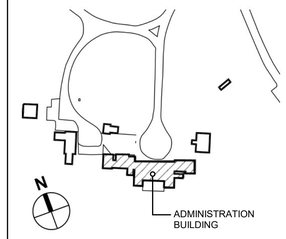
NO.	DATE	REVISION

KEY PLAN



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Building Exterior

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Purchase, NY 10577

DRAWING TITLE:
SITE STAGING & LOGISTICS PLAN

SCALE:
As indicated

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
T011

BUILDING INFORMATION

APPLICABLE CODES:

- 2020 BUILDING CODE OF NEW YORK STATE
- 2020 PLUMBING CODE OF NEW YORK STATE
- 2020 MECHANICAL CODE OF NEW YORK STATE
- 2020 FUEL GAS CODE OF NEW YORK STATE
- 2020 EXISTING BUILDING CODE OF NEW YORK STATE
- 2020 NYS ENERGY CONSERVATION CONSTRUCTION CODE AS AMENDED BY 2020 NYSTRETCH CODE
- 2020 NYS UNIFORM FIRE PREVENTION AND BUILDING CODE
- NATIONAL ELECTRICAL CODE (NFPA 70) 2017
- 2010 ADA STANDARDS

OCCUPANCY GROUP: B, A-3

ACCESSORY OCCUPANCY: S

EXISTING CONSTRUCTION TYPE: V-B
(WOOD FRAME CONSTRUCTION)

STRUCTURAL OCCUPANCY/
RISK CATEGORY (T 1604.5): II

DESCRIPTION OF WORK AND CODE REQUIREMENTS

THERE IS NO PROPOSED CHANGE TO BUILDING OCCUPANCY NOR LOADS.

ALT. LEVEL-1 (NYS BC, SECTION 602):
EXTERIOR ENVELOPE REPAIRS - REPLACING PARTIAL STUDS, CLAPBOARD, ROOF SHINGLES, DOORS, AND WINDOWS.

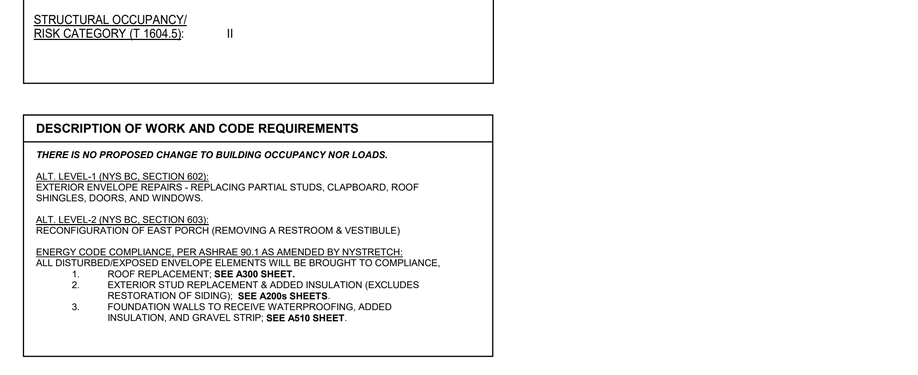
ALT. LEVEL-2 (NYS BC, SECTION 603):
RECONFIGURATION OF EAST PORCH (REMOVING A RESTROOM & VESTIBULE)

ENERGY CODE COMPLIANCE, PER ASHRAE 90.1 AS AMENDED BY NYSTRETCH:
ALL DISTURBED/EXPOSED ENVELOPE ELEMENTS WILL BE BROUGHT TO COMPLIANCE,

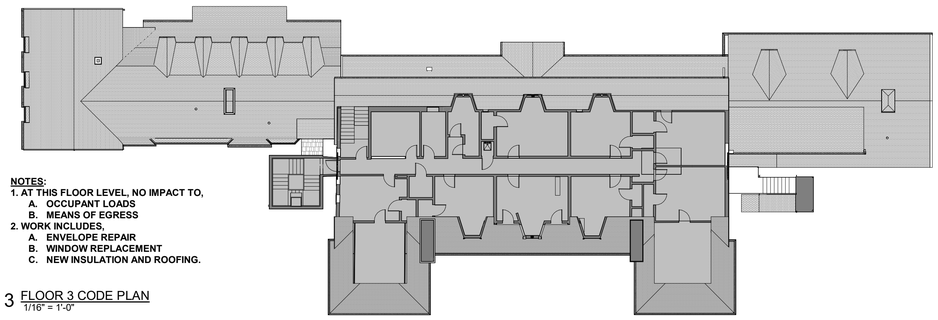
1. ROOF REPLACEMENT; **SEE A300 SHEET.**
2. EXTERIOR STUD REPLACEMENT & ADDED INSULATION (EXCLUDES RESTORATION OF SIDING); **SEE A200s SHEETS**.
3. FOUNDATION WALLS TO RECEIVE WATERPROOFING, ADDED INSULATION, AND GRAVEL STRIP; **SEE A510 SHEET**.

LEGEND FOR CLASSIFICATIONS OF WORK
SEE CODE PLANS)

- AREA OF NO WORK
- ALTERATION LEVEL 2
- ROOF REPLACEMENT
- HC — HANDICAP ACCESSIBLE DOOR/ENTRANCE

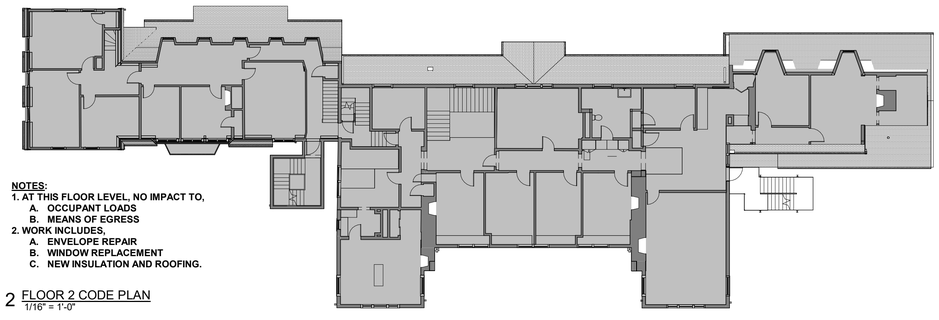


4 CONSTRUCTION TIMELINE
(DETERMINED FROM HISTORIC DOCS & PHYSICAL EVIDENCE)
1/16" = 1'-0"



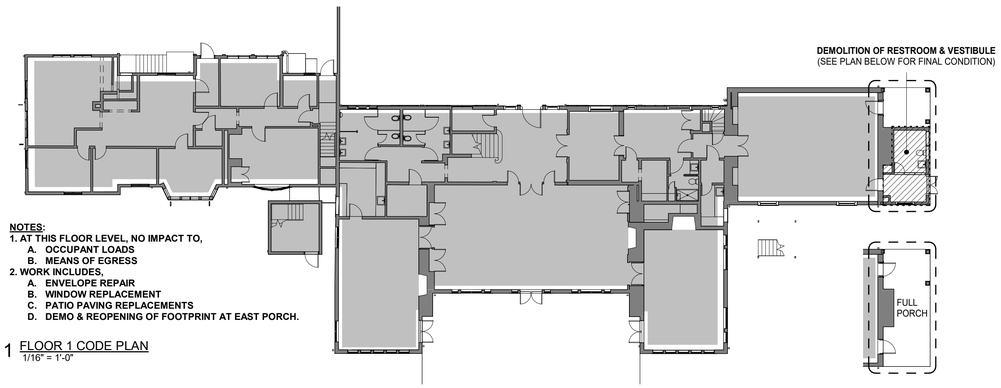
NOTES:
1. AT THIS FLOOR LEVEL, NO IMPACT TO,
A. OCCUPANT LOADS
B. MEANS OF EGRESS
2. WORK INCLUDES,
A. ENVELOPE REPAIR
B. WINDOW REPLACEMENT
C. NEW INSULATION AND ROOFING.

3 FLOOR 3 CODE PLAN
1/16" = 1'-0"



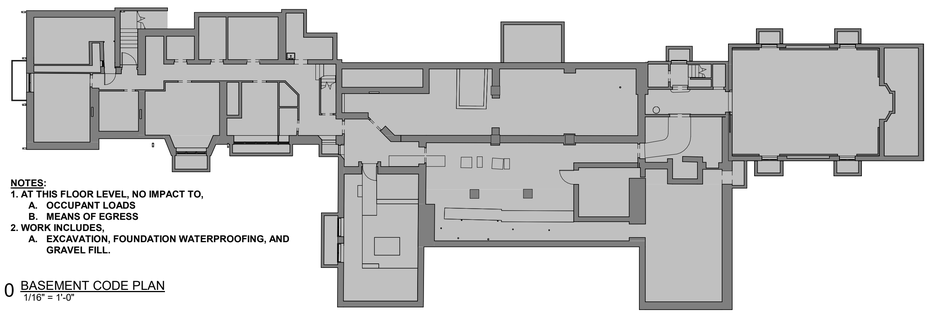
NOTES:
1. AT THIS FLOOR LEVEL, NO IMPACT TO,
A. OCCUPANT LOADS
B. MEANS OF EGRESS
2. WORK INCLUDES,
A. ENVELOPE REPAIR
B. WINDOW REPLACEMENT
C. NEW INSULATION AND ROOFING.

2 FLOOR 2 CODE PLAN
1/16" = 1'-0"



NOTES:
1. AT THIS FLOOR LEVEL, NO IMPACT TO,
A. OCCUPANT LOADS
B. MEANS OF EGRESS
2. WORK INCLUDES,
A. ENVELOPE REPAIR
B. WINDOW REPLACEMENT
C. PATIO PAVING REPLACEMENTS
D. DEMO & REOPENING OF FOOTPRINT AT EAST PORCH.

1 FLOOR 1 CODE PLAN
1/16" = 1'-0"



NOTES:
1. AT THIS FLOOR LEVEL, NO IMPACT TO,
A. OCCUPANT LOADS
B. MEANS OF EGRESS
2. WORK INCLUDES,
A. EXCAVATION, FOUNDATION WATERPROOFING, AND GRAVEL FILL.

0 BASEMENT CODE PLAN
1/16" = 1'-0"

ISSUE:
BID DOCUMENTS

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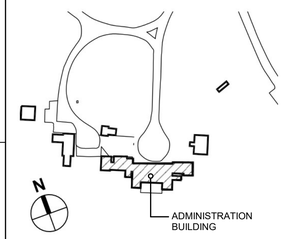
KEY PLAN



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PW Grosser
630 Johnson Avenue, Bohemia, NY 11716

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

Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
CODE COMPLIANCE NOTES & PLANS

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

DATE: 10 SEPTEMBER 2024

DRAWING NO.:
G000

REGISTERED ARCHITECT
MICHAEL A. NIEWIADOMSKI
018339
STATE OF NEW YORK

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE "2020 NYS UNIFORM FIRE PREVENTION AND BUILDING CODE."
2. PRIOR TO DIGGING, GC SCHEDULE: "CALL BEFORE YOU DIG" 811.
3. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL INSTALL EROSION & SEDIMENT CONTROLS AS PER SITE PLAN ON DRAWING C.102.
4. CONFLICTS: SHOULD ANY CONFLICTS ARISE BETWEEN THE PROPOSED PLANS AND EXIST, UTILITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
5. SILT FENCING & COVERAGE OF INLET STRUCTURES: THE CONTRACTOR SHALL INSTALL SILT FENCES, COVER INLETS STRUCTURES AS SHOWN ON TYPICAL EROSION CONTROL DETAILS PRIOR TO START, REF. TO DWG. C.102.
6. DURING CONSTRUCTION GC SHALL PERFORM THE FOLLOWING, AS PER TYP. EROSION CONTROL DETAILS:
   A. CHECK SILT FENCE ON DAILY BASIS, & REMOVE RAIN-DEPOSITED SEDIMENTS.
   B. TARP ALL SOIL STOCKPILES;
   C. SEPARATE STOCKPILE TOPSOIL FROM THE EXCAVATION SPOIL & COVER;
   D. TEMPORARILY COVER INLET GRATES PRIOR TO RAINFALL:
      – TARP OVER DIRT STOCK PILE;
      – ROUTE INTERRUPTED LEADER AND/OR DRAINAGE PIPING FLOWS.
9. DURING CONSTRUCTION, CONTRACTOR SHALL BE ATTENTIVE TO PUBLIC SAFETY, WHICH INCLUDE:
   A) SAFEGUARDING EXCAVATIONS AS REQD. BY OSHA;
   B) CONING & ROPPING OFF SHALLOW DRIVEWAY EXCAVATED AREAS;
   C) PLATING OVER DEEPER DRIVEWAY EXCAVATIONS WITH PLYWOOD DECKING/STEEL PLATES DURING OFF CONSTRUCTION PERIODS.
   D) CONDUCT MAINT. & PROTECTION OF TRAFFIC AND PEDESTRIANS IN PUBLIC RIGHT-OF WAY.
10. CONTRACTOR SHALL PERFORM ALL OPERATIONS OF DEMOLITION AND REMOVAL INDICATED ON THE DRAWINGS AND AS MAY BE REQUIRED BY THE WORK. ALL WORK SHALL BE DONE CAREFULLY AND NEATLY, IN A SYSTEMATIC MANNER.
11. ALL EXISTING SURFACES AND EQUIPMENT TO REMAIN SHALL BE FULLY PROTECTED FROM DAMAGE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DAMAGE AND SHALL MAKE REPAIRS WITHOUT ADDITIONAL COST TO THE OWNER.
12. NO DEBRIS SHALL BE ALLOWED TO ACCUMULATE ON THE SITE. DEBRIS SHALL BE REMOVED BY THE CONTRACTOR AS THE JOB PROCEEDS. THE SITE SHALL BE LEFT BROOM CLEAN AT THE COMPLETION OF DEMOLITION.
13. PROTECT ALL ADJOINING PROPERTIES AFFECTED BY ANY DEMOLITION.
14. OPERATIONS OF REMOVE OR RELOCATE ALL UNDERGROUND/OVERHEAD CONDUITS, WIRING, PLUMBING, AND MECHANICAL EQUIPMENT AFFECTED BY DEMOLITION SHALL BE PROPERLY CAPPED OR PLUGGED.
15. AFTER ANY RAIN, THE CONTRACTOR SHALL INSPECT SILT FENCES, AND REMOVE ANY SEDIMENT.
16. THE CONTRACTOR SHALL REMOVE & REINSTALL ANY AFFECTED PLANTINGS, FENCES, WALKWAY, CURBING, DRIVEWAYS AND OTHER EXISTING SITE FEATURES AS SHOWN IN CIVIL DRAWINGS.
17. CONTRACTOR SHALL MAINTAIN EXISTING FINAL GRADES & ASSURE POSITIVE DRAINAGE.
18. THE CONTRACTOR MUST CLEAN MUD, DIRT OR DEBRIS TRACKED ONTO EXISTING STREETS BY ANY VEHICLE THAT EXITS THE CONSTRUCTION AREA.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING REQUIRED SECURITY TO PROTECT HIS/HER OWN PROPERTY, EQUIPMENT, AND WORK IN PROGRESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AT THE JOB SITE, INCLUDING THE EFFECT.
20. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE COMMENCING ANY WORK. IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO REPORT ANY DISCREPANCIES TO THE ENGINEER IN A TIMELY MANNER.
21. THE CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND STATE OF NEW YORK LAW CONCERNING EXCAVATION, TRENCHING AND SHORING.
22. THE CONTRACTOR SHALL NOT SUBSTITUTE ANY MATERIAL SPECIFIED WITHOUT APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL NOT PROVIDE WORK WHICH DEVIATES FROM THE CONTRACT DRAWINGS UNLESS THE ALTERNATE CONSTRUCTION HAS BEEN APPROVED BY THE ENGINEER.
23. ALL INSPECTIONS SHALL BE AS REQUIRED BY THE 2020 NYS UNIFORM FIRE PREVENTION AND BUILDING CODE., NYS ENERGY CODE AND SUCF (AHJ).
24. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION UNLESS EXPLICIT DIRECTION IS PROVIDED IN THE CONTRACT DOCUMENTS.
25. RESTORE GRASS AREA AS FOLLOWS: CLEAN SUBGRADE OF ALL STONES, STICKS, AND RUBBISH AND LOOSEN TO A MINIMUM DEPTH OF 2"; SPREAD TOP SOIL EVENLY AND LIGHTLY COMPACT TO A MINIMUM COMPACTED THICKNESS OF 4" AND RAKE CLEAN.; UNIFORMLY SPREAD FERTILIZER AND SEED; AND ROLL SURFACE AND APPLY STRAW.

DIVISION 2 - SPECIFICATION LIST
(REF. PROJECT MANUAL)

SECTION	TITLE
Section 020350	– Scope of Site Work
Section 020360	– Temporary Soil Erosion, Sediment and Dust Control
Section 020370	– Site Preparation
Section 020380	– Excavation and Embankment
Section 020390	– Trench Excavation and Backfill
Section 020400	– Storm Drainage
Section 022200	– Demolition
Section 023300	– Site Clearing
Section 023000	– Earthwork
Section 023740	– Erosion Control Devices
Section 025300	– Gratings
Section 026340	– Drainage Pipe & Drains
Section 026350	– Corrugated Polyethylene Storm Drainpipe & Fittings
Section 027220	– Precast Concrete Catch Basins & Manhole

DRAWING LIST:

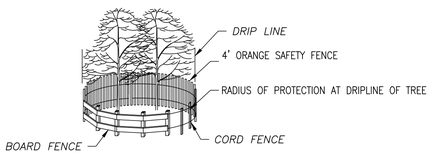
DRAWING #:	SHEET TITLE
C.101	GENERAL NOTES & SPECIFICATIONS.
C.102	STORMWATER & EROSION CONTROL DRAINAGE PLAN.
C.103	STORM DRAINAGE ENLARGED PLANS, SECTIONS & DETAILS.
C.104A	CULTEC 300 HD REGARGER DRYWELLS – SECTIONS & DETAILS
C.104B	ADS STORMTECH SC740 REGARGER DRYWELLS – SECTIONS & DETAILS.
C.104C	LANE STORMKEEPER SK75 RECHARGER DYWELLS – SECTIONS & DETAILS.

EROSION CONTROL SPECIFICATIONS

1. ENTIRE ROUGH GRADED AREA IS TO BE STABILIZED, AND PROTECTION PROVIDED TO THE UNDISTURBED ADJACENT AREAS FROM RECEIVING SILT AND SEDIMENT.
2. ANY DETENTION OR RETENTION BASIN WILL BE MAINTAINED THROUGH THE ENTIRE COURSE OF CONSTRUCTION, CLEANED AS REQUIRED, AND PERIMETER (BACK SLOPES) TO BE STABILIZED WITH VEGETATION. AFTER CONSTRUCTION, THE BASIN SHALL BE CLEANED ONE LAST TIME AND PLANT FOR PERMANENT EROSION CONTROL.
3. ALL CONSTRUCTION ACTIVITIES INVOLVING THE REMOVAL OR DEPOSITION OF SOILS ARE TO BE PROVIDED APPROPRIATE PROTECTIVE MEASURES TO MINIMIZE EROSION AND CONTAIN SEDIMENT DEPOSITION WITHIN THE AREA UNDER DEVELOPMENT.
4. WHENEVER POSSIBLE, NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED.
5. PRIOR TO THE START OF CONSTRUCTION, TEMPORARY SILT TRAPS, BALED STRAW, EROSION CHECKS, SEDIMENTATION FENCES AND OTHER APPROVED SEDIMENT CONTROL MEASURES SHALL BE IN PLACE WHERE SHOWN ON THESE PLANS, AND WHEREVER DEEMED NECESSARY.
6. SITE CONSTRUCTION ACTIVITIES SHALL START AT THE NEAREST POINT UPSLOPE OF SILT TRAPS AND PROCEED TO ACTIVITIES FURTHER UPSLOPE.
7. SILT TRAPS SHALL BE CLEANED OUT WHEN THE ACCUMULATED SEDIMENT HAS REDUCE THE CAPACITY OF THE TRAP BY APPROXIMATELY 50%. SEDIMENT REMOVED FROM THE TRAP SHALL BE PROPERLY DISPOSED OF TO PREVENT ITS RE-ENTRY INTO THE DRAINAGE SWALE AND TRAP. SMALL QUANTITIES OF SEDIMENT SHOULD BE PLACED BEHIND PROTECTIVE BERMS. LARGER QUANTITIES SHOULD BE STOCK PILED A SUITABLE DISTANCE AWAY FROM DRAINAGE COURSES AND CONTAINED BY PROTECTIVE BERMS AND VEGETATED.
8. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO ALL AREAS OF DISTURBANCE AND ALL ADJOINING AREAS WITHIN FIFTY (50) FEET THEREOF WITHIN TWO (2) DAYS AFTER ESTABLISHING OF THE FINAL GRADE, AND PERMANENT STABILIZATION AND RE-VEGETATION SHALL BE UNDERTAKEN WITHIN FIFTEEN (15) DAYS THEREAFTER.
9. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN TWO (2) DAYS AFTER THE DISTURBANCE IS COMPLETED OR WHEN NO ADDITIONAL DISTURBANCE IS TO BE PERFORMED FOR A PERIOD OF SEVEN (7) DAYS. UPON GOOD CAUSE SHOWN AND BASED UPON CONSIDERATION OF THE SLOPES, SOIL AND ENVIRONMENTAL SENSITIVITY OF THE AREA INVOLVED, THE COLLEGE MAY MODIFY THESE SPECIFIED TIME PERIODS.
10. THROUGHOUT THE CONSTRUCTION PERIOD, THE GC SHALL BE RESPONSIBLE FOR INSURING THAT ADEQUATE EROSION & SEDIMENT CONTROL MEASURES HAVE BEEN PUT INTO PLACE PRIOR TO ANY PREDICTED RAIN EVENT AND TO INSPECT THE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES TO INSURE THEIR PROPER FUNCTIONING.
11. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES TO BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE & FEDERAL STANDARDS AND SPECIFICATIONS GOVERNING "STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL."
12. THE WORK AREA SHALL BE GRADED, SHAPED, AND OTHERWISE DRAINED IN SUCH A MANNER AS TO MINIMIZE SOIL EROSION, SILTATION OF DRAINAGE CHANNELS, DAMAGE TO EXISTING VEGETATION, AND DAMAGE TO PROPERTY OUTSIDE THE LIMITS OF THE WORK AREA. SILT FENCES STRAW BALES AND/OR DETENTION BASINS WILL BE NECESSARY TO ACCOMPLISH THIS END.
13. STABILIZED CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED OF #4 COARSE AGGREGATE 4" THICK (MIN.) OVER COMPACTED FILL OR CUT AREAS TO PREVENT OFF SITE TRACKING.
14. STRIPPED TOPSOIL SHALL BE STOCKPILED, WITHOUT COMPACTION, AND STABILIZED AGAINST EROSION IN THE LOCATION SHOWN ON THE PLAN AND IN ACCORDANCE WITH "TEMPORARY STABILIZATION OF DISTURBED AREAS", AS OUTLINED IN NOTE BELOW.

STORMWATER NOTES:

1. INSTALL STORMTECH "RECHARGER DRYWELLS AS SHOWN IN STORM DRAINAGE PLAN.
2. THE CONTRACTOR SHALL ENCASE THESE STORMWATER DETENTION/RETENTION CHAMBERS IN A MINIMUM OF 1'-0" DEPTH OF 1" – 2" CRUSHED STONE (NO RECYCLED STONE) ALL AROUND THE TOP, SIDES, ENDS
3. ALL DRAINAGE PIPING TO BE 6" or 8" DIA. HDPE – N12 SOLID DRAINAGE PIPING, AS NOTED IN PLANS.
4. CONTRACTOR TO PROVIDE EROSION CONTROL SILT FENCING ALONG ALL SIDES OF THE PROPERTY AS SHOWN.
5. ADD 3" TOP SOIL TO DISTURBED AREAS & RESTORE EXISTING SITE FEATURES IN KIND.
6. TO AVOID FUTURE SINKHOLES, ALL BACKFILLED GRAVEL AND SOIL SHALL BE THOROUGHLY COMPACTED & TAMPED IN MAXIMUM HEIGHTS OF SIX (6") INCH LIFTS.
7. THE CONTRACTOR SHALL BACKFILL THE TOP THREE (3") INCHES WITH TOPSOIL.
8. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL INSTALL SILT FENCES, AS SHOWN ON THE EROSION CONTROL PLAN.
9. AFTER ANY RAIN, THE CONTRACTOR SHALL INSPECT SILT FENCES, AND REMOVE ANY SEDIMENT.
10. THE CONTRACTOR SHALL RESTORE ALL EFFECTED AREAS DISTURBED BY THE CONSTRUCTION TO MATCH EXISTING, UNLESS OTHERWISE SHOWN. PRICE TO BE INCLUDED IN BID.
11. THE CONTRACTOR SHALL RESEED AND COVER WITH SALT STRAW ALL DISTURBED AREAS, AND RELOCATE ANY PLANTING. AS DIRECTED BY OWNER.
12. THE CONTRACTOR SHALL REMOVE & REINSTALL ANY AFFECTED PLANTINGS, FENCES, WALKWAY, CURBING, DRIVEWAYS AND OTHER EXISTING SITE FEATURES TO MATCH EXISTING.
13. SHOULD ANY CONFLICTS ARISE BETWEEN THE PROPOSED PLANS AND EXIST, UTILITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
14. CONTRACTOR TO IDENTIFY ALL BURIED UTILITIES PRIOR TO DIGGING.
15. CONTRACTOR SHALL LOCATE ALL ELECTRICAL, GAS, WATER, SEWER, AND SPRINKLER LINES.
16. CONTRACTOR TO CONDUCT REQUIRED INSPECTIONS AS PER THE CONTRACT DOCUMENTS.
17. CONTRACTOR TO IDENTIFY ALL BURIED UTILITIES PRIOR TO DIGGING.
18. PROVIDE DRYWELL SHORING SIDE-WALL EXCAVATION REINFORCEMENT – OR LAYBACK THE EXCAVATION IN ACCORDANCE WITH OSHA REGULATIONS.
19. STOCK PILE SPOIL FOR REUSE AS DIRECTED BY ENGINEER/OWNER. REUSE EXISTING SPOIL IF NOT CONTAMINATED.
20. EXTEND DRAINAGE PIPING A MINIMUM OF 6-INCHES, ABOVE THE GRADE.
21. CONTRACTOR TO PAINT THE EXPOSED HDPE PIPING STUBS & ADAPTERS WHITE.

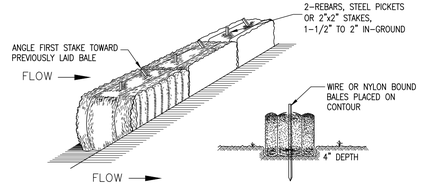


TREE PROTECTION ZONE DETAIL
CORRECT METHOD OF TREE FENCING

TREE PROTECTION NOTES:

1. TREE PROTECTION FENCING SHALL BE INSTALLED AROUND THE TREE PROTECTION AREA PRIOR TO ANY SITE PREPARATION OR CONSTRUCTION WORK, AND MAINTAINED THROUGHOUT THE ENTIRE PROJECT.
2. SILT FENCING OR SOIL DIKES SHALL BE INSTALLED PRIOR TO ANY SITE PREPARATIONS OR CONSTRUCTION WORK AND MAINTAINED THROUGHOUT THE ENTIRE PROJECT TO PREVENT THE BUILDUP OF SEDIMENT WITHIN THE TREE PROTECTION AREAS.
3. IN AREAS WHERE CUTS ARE TO BE MADE FOR THE INSTALLATIONS OF UTILITIES/RETAINING ADJACENT TO THE TREE PROTECTION AREAS, THE AFFECTED TREES SHALL BE ROOT PRUNED PRIOR TO EXCAVATION. ROOT PRUNING SHALL BE DONE WITH A SAW OR SIMILAR TOOL THAT WILL MINIMIZE DAMAGES TO REMAINING ROOTS.
4. VEHICULAR STORAGE; EQUIPMENT STORAGE; MATERIAL STORAGE; WASHOUT ACTIVITIES WITHIN THE TREE PROTECTION AREA AT LOCATIONS ARE STRICTLY PROHIBITED.
5. PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC AND CONSTRUCTION EQUIPMENT SHALL BE PERFORMED BY A LICENSED ARBORIST IN CONFORMANCE WITH THE ANSI TREE PRUNING STANDARDS.

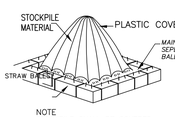
DETAIL 3



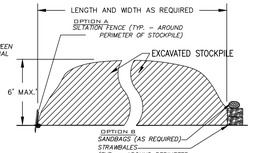
1. STRAWBALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULLNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

DETAIL 1

STRAWBALE SEDIMENT BARRIERS



STOCKPILE ISO-DETAIL'



STOCKPILE SECTION

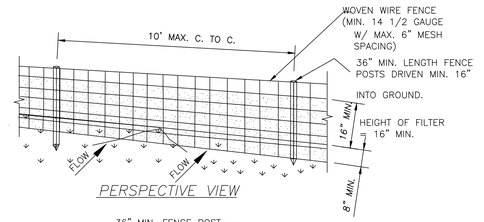
SOIL STOCKPILING INSTALLATION NOTES

SLOPE OF LESS THAN 2:1
STABILIZE ENTIRE PILE WITH VEGETATION OR COVER.
STRAW BALES OR SILT FENCING

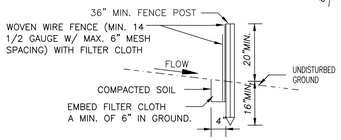
INSTALLATION NOTES:

1. AREA FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF THE STOCKPILE SHALL BE 1:2
3. UPON COMPLETION OF STOCKPILING EACH PILE SHALL BE SURROUNDED WITH
4. EITHER SILT FENCING OR STRAW BALES, AND STABILIZED AS NOTED.
5. TEMPORARY STABILIZATION SHALL BE PROVIDED AS NOTED IN SPECIFICATIONS

DETAIL 2



PERSPECTIVE VIEW



SECTION VIEW

SILT FENCING INSTALLATION NOTES:

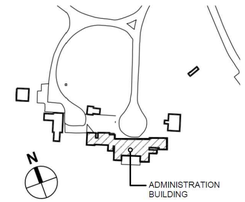
1. *WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.*
2. *FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.*
3. *WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.*
4. *PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.*
5. *MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.*

DETAIL 4

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

GENERAL NOTES & SPECIFICATIONS

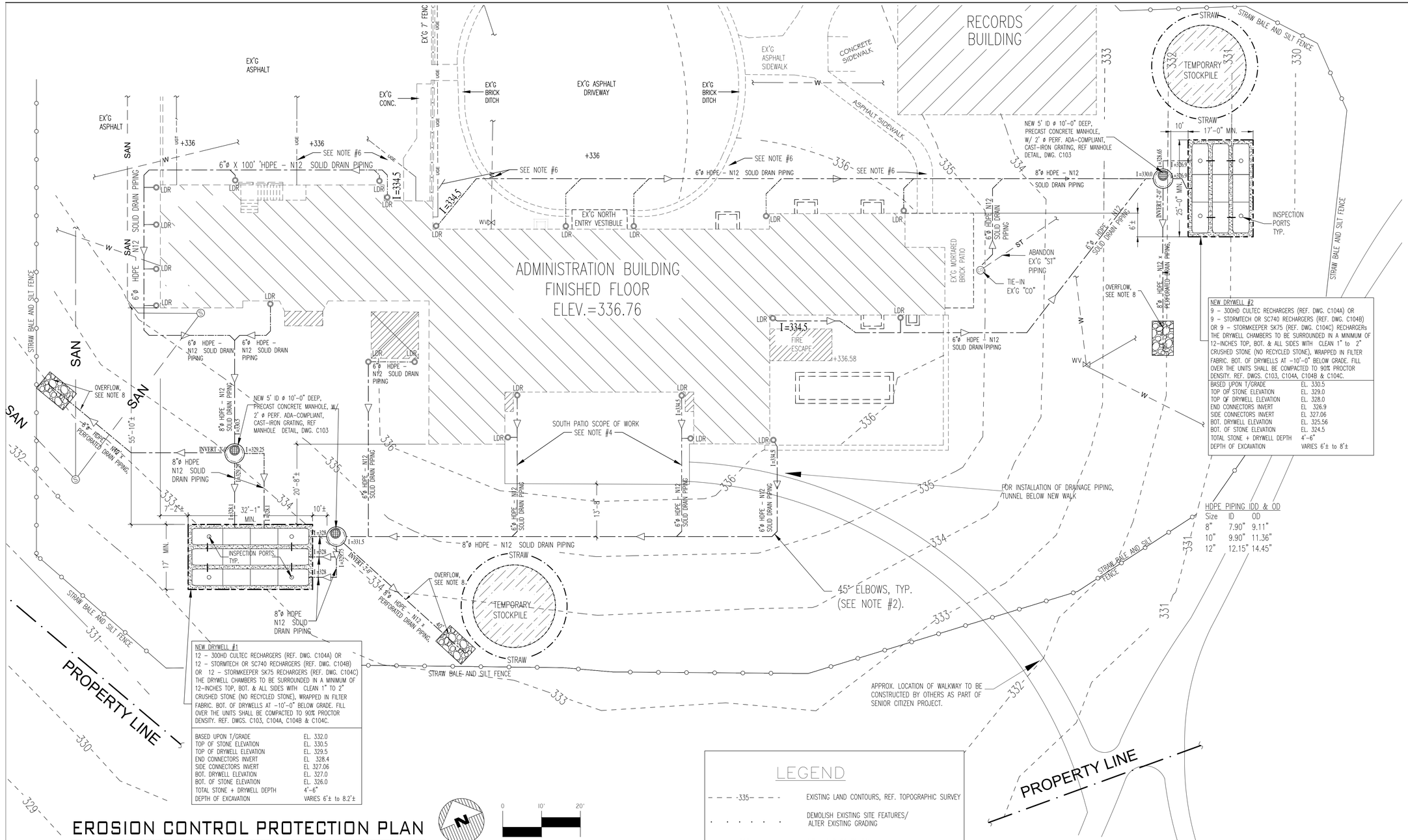
SCALE: NOT TO SCALE

DATE: 10 SEPTEMBER 2024

DRAWING NO.: **C.101**

STATE OF NEW YORK — LOUIS J. HOWARD — No. 062513-1 — LICENSED PROFESSIONAL ENGINEER

NYS PE LICENSE #062513-1



EROSION CONTROL PROTECTION PLAN

NOTES:

1. ALL STORM DRAINAGE PIPING SHALL BE HIGH DENSITY POLYETHYLENE (HDPE – N12) DUAL WALL PIPING – N12 DUAL WALL (CORRUGATED ON OUTSIDE, SMOOTH SURFACE ON INSIDE OF PIPING). FOR DIA. AND LENGTH REQUIRED SEE PLAN.
2. PROVIDE HPDE – N12, 45 DEGREE OR 30 DEGREE FUSION ELBOWS AT ALL PIPE DIRECTION CHANGES. (AS SHOWN IN PLAN, THERE SHALL BE NOT TEE CONNECTIONS) or EQUAL
3. CONTRACTOR SHALL PROVIDE A CONSTRUCTION ACCESS DRIVEWAY TO THE DRYWELLS CONSISTING OF THE FOLLOWING:
   A. STONE SIZE – USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT. THICKNESS – NOT LESS THAN SIX (6) INCHES WIDTH – TWELVE (12) FOOT.
   B. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
   C. PROVIDE 2 LAYERS OF 1" PLYWOOD OVER UTILITIES.
   D. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO STORM DRAINS, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
   E. WHEN WASHING IS REQUITED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT WRAPPING DEVICE.
   F. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
4. SOUTH PATIO SCOPE OF WORK SHALL INCLUDE FULL BRICK REMOVAL, INCLUDING MORTAR SET AND INSTALLATION OF BRICK PAVER TO MATCH EXISTING PATTERN & TONE. REFER TO LANDSCAPE DRAWINGS FOR INSTALLATION DETAILS. SHALL BE INCLUDED IN THE LUMP-SUM PRICE BID FOR THE PROJECT.
5. UNDERGROUND UTILITIES AS SHOWN HEREON ARE FROM FIELD LOCATION, AND RECORD PLANS, THE LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE, OTHERS MAY EXIST, AND ALL ARE SUBJECT TO VERIFICATION BY OTHERS.
6. MAP REFERENCES: A) "REVISED TOPOGRAPHY STATE UNIVERSITY COLLEGE AT PURCHASE N.Y.", DATED JANUARY, 1974 AS PREPARED BY MARTIN O'GRADY & ASSOCIATES, AND B) "PURCHASE COLLEGE CAMPUS UTILITIES PROJECT, EXISTING CAMPUS UTILITY PLAN", DATED JANUARY 15, 2000, AS PREPARED BY TRC RAYMOND KEYES ASSOCIATES, DRAWING NO.S SD-7 AND SD-8; C) SURVEY BY CLARK DAVIS ENGINEERING & SURVEYING, D.P.C., COMPLETED DECEMBER 4, 2019.
7. OVERFLOW PIPING: 8"ø HDPE – N12 PERFORATED DRAIN PIPING, WRAPPED IN 3' x 3' OF 1"-2" CLEAN CRUSHED STONE (NO RECYLED STONE) & FILTER FABRIC, FOR OVERFLOW DETAIL, REF. DWG. C103, 6" SOIL ON TOP.

LEGEND

- EXISTING LAND CONTOURS, REF. TOPOGRAPHIC SURVEY
- DEMOLISH EXISTING SITE FEATURES/ ALTER EXISTING GRADING
- NEW LAND CONTOURS
- HDPE – N12 DRAINAGE PIPING, SLOPED 1%, UON
- SILT FENCE & STRAW BALE, REF. DWG. C.101
- DOWNSPOUT FOR ROOF DRAINAGE
- PIPE OVERLOW – REF. DWG. C.103
- UNDERGROUND WATER LINE
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND GAS LINE

Dig Safely. New York. Call 811 before you dig. CALL TOLL FREE 1-800-962-7962. NY Industrial Code Rule 753 requires no less than two working days notice, but not more than ten days notice.

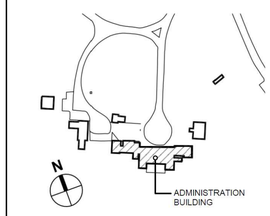
DRAWING LIST:

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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The Lighting Practice
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PW Grosser
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Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

STORMWATER & EROSION CONTROL DRAINAGE PLAN

SCALE: 1"=12'-0"

DATE: 10 SEPTEMBER 2024

DRAWING NO.:

C.102

STATE OF NEW YORK — LOUIS J. DAVIS — No. 062513-1 — LICENSED PROFESSIONAL ENGINEER

NYS PE LICENSE #062513-1

DRYWELL #1 CALCULATIONS

12– 300HD CULTEC RECHARGERS (REF. DWG. C104A) OR 12 –STORMTECH SC740 RECHARGERS (REF. DWG. 104B) OR 12 – STORMKEEPER SK75 (REF. C104C) RECHARGERS. THE DRYWELL CHAMBERS TO BE SURROUNDED IN A MINIMUM OF 12–INCHES TOP, BOT. & ALL SIDES WITH CLEAN 1" to 2" CRUSHED STONE, WRAPPED IN FILTER FABRIC. BOT. OF DRYWELLS AT –10'–0" BELOW GRADE. FILL OVER THE UNITS SHALL BE COMPACTED TO 90% PROCTOR DENSITY.

STORMWATER OCCURRENCES *:
100 YR STORM RAINFALL OCCURRENCES = 9.0" PER 24 HOURS
(GOVERNS)
10 YR. STORM = 5.25" PER 24 HOURS
1 YR. STORM = 2.8" PER 1 YR
* Per Chap 4 of New York State Stormwater Management Design

DRYWELL #1 DRAINAGE AREA = 4,356 SF
REAR AREA ONLY 4,356 SF

TOTAL VOLUME OF WATER TO BE STORED = 4,356 SF X 9"/12"/FT = 3,267 CF/DAY

PERCOLATION RATE = 4.8 CF./SF./DAY

12 – CULTEC MODEL 300HD RECHARGERS, OR
12 – STORMTECH SC740 RECHARGERS (SIMILAR) OR
12 – STORMKEEPER SK75 RECHARGERS (SIMILAR)

EACH UNIT VOLUMES = 46.27 ft3/unit
END CAP (VOLUMES) = 2.565 ft3/unit
VOLUME OF 12 UNITS = 12 X 46.27 ft3/unit + 2 x 2.565 ft3/unit = 560.37 CF
WRAPPED IN 1–FT OF GRAVEL

TOTAL VOLUME = 31.92' X 15.75' X 5.00' = 560.37 CF = 1,953.33 CF

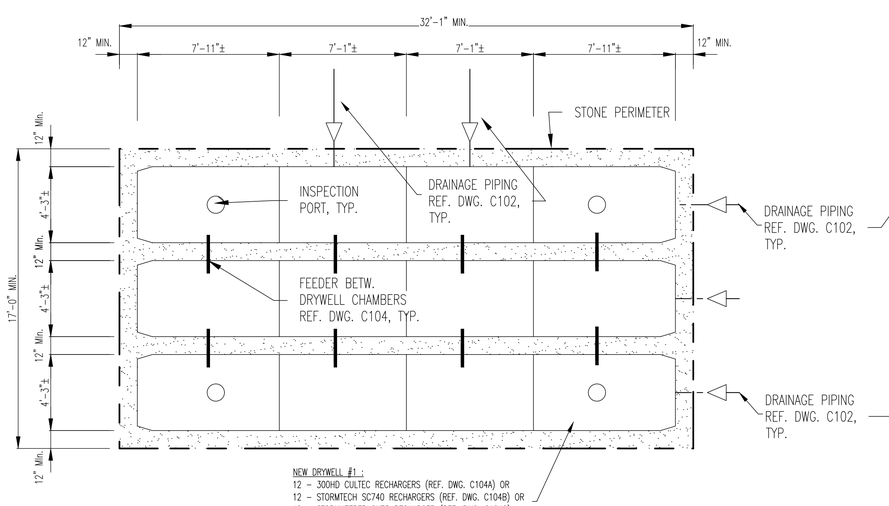
VOLUME OF STONE AROUND UNITS = 1,953.33 CF

VOID = 1/3 X VOLUME OF STONE = 1,953.33 CF /3 = 651.1 CF

UNIT PERCOLATION AREA =
ENDS: 31.92 X 5.00' X 2 = 319.2 SF
SIDES: 15.75' X 5.00' X 2 = 157.5 SF
TOTAL PERCOLATION AREAS = 476.7 SF

TOTAL STORMWATER CAPACITY:
VOLUME OF PERCOLATION = 476.7 CF X 4.8 = 2,288.2 CF/DAY
VOLUME OF WATER STORED = 560.37 CF + 651.1 CF = 1,211.5 CF/DAY
TOTAL WATER STORED = 3,499.7 CF/DAY

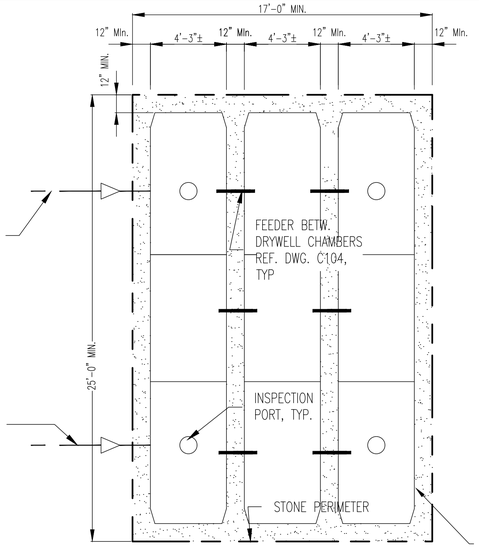
3,499.7 CF/DAY (PROVIDED) > 3,267 CF/DAY (REQUIRED) – OK
THEREFORE ANY OF THE ABOVE RECHARGERS – OK



NEW DRYWELL #1 :
12 – 300HD CULTEC RECHARGERS (REF. DWG. C104A) OR
12 – STORMTECH SC740 RECHARGERS (REF. DWG. C104B) OR
12 – STORMKEEPER SK75 RECHARGER (REF. DWG. C104C)
DRYWELL CHAMBERS TO BE SURROUNDED IN A MINIMUM OF 12–INCHES TOP, BOT. & ALL SIDES WITH CLEAN 1" to 2" CRUSHED STONE (NO RECYCLED STONE), WRAPPED IN FILTER FABRIC. BOT. OF DRYWELLS AT –10'–0" BELOW GRADE. FILL OVER THE UNITS SHALL BE COMPACTED TO 90% PROCTOR DENSITY. DWGS. C102, C104A, C104B & C104C.

DRYWELL #1

BASE BID - ELLIPTICAL RECHARGER DRYWELLS



DRYWELL #2

BASE BID - ELLIPTICAL RECHARGER DRYWELLS

DRYWELL #2 CALCULATIONS:

9 – 300HD CULTEC RECHARGERS (REF. DWG. C104A) OR 12 –STORMTECH SC740 RECHARGERS (REF. DWG. 104B) OR 9 – STORMKEEPER SK75 (REF. C104C) RECHARGERS. THE DRYWELL CHAMBERS TO BE SURROUNDED IN A MINIMUM OF 12–INCHES TOP, BOT. & ALL SIDES WITH CLEAN 1" to 2" CRUSHED STONE, WRAPPED IN FILTER FABRIC. BOT. OF DRYWELLS AT –10'–0" BELOW GRADE. FILL OVER THE UNITS SHALL BE COMPACTED TO 90% PROCTOR DENSITY.

STORMWATER OCCURRENCES *:
100 YR STORM RAINFALL OCCURRENCES = 9.0" PER 24 HOURS
10 YR. STORM = 5.25" PER 24 HOURS
1 YR. STORM = 2.8" PER 1 YR
* Per Chap 4 of New York State Stormwater Management Design

DRYWELL #2 DRAINAGE AREA = 3183.2 SF
ROOF AREA ONLY 3,183.2 SF

TOTAL VOLUME OF WATER TO BE STORED = 3,183.2 SF X 9"/12"/FT = 2,387.4 CF/DAY

PERCOLATION RATE = 4.8 CF./SF./DAY

9 – CULTEC MODEL 300HD RECHARGERS, OR
9 – STORMTECH SC740 RECHARGERS (SIMILAR) OR
9 – STORMKEEPER SK75 RECHARGERS (SIMILAR)

EACH UNIT VOLUMES = 46.27 ft3/unit
END CAP (VOLUMES) = 2.565 ft3/unit
VOLUME OF 9 UNITS = 9 X 46.27 ft3/unit + 2 x 2.565 ft3/unit = 421.56 CF
WRAPPED IN 1–FT OF GRAVEL

TOTAL VOLUME = 24.83' X 15.75' X 5.00' = 421.56 CF = 1,533.8 CF

VOLUME OF STONE AROUND UNITS = 1,533.8 CF

VOID = 1/3 X VOLUME OF STONE = 1,533.8 CF /3 = 511.3 CF

UNIT PERCOLATION AREA =
ENDS: 24.83 X 5.00' X 2 = 248.3 SF
SIDES: 15.75' X 5.00' X 2 = 157.5 SF
TOTAL PERCOLATION AREAS = 405.8 SF

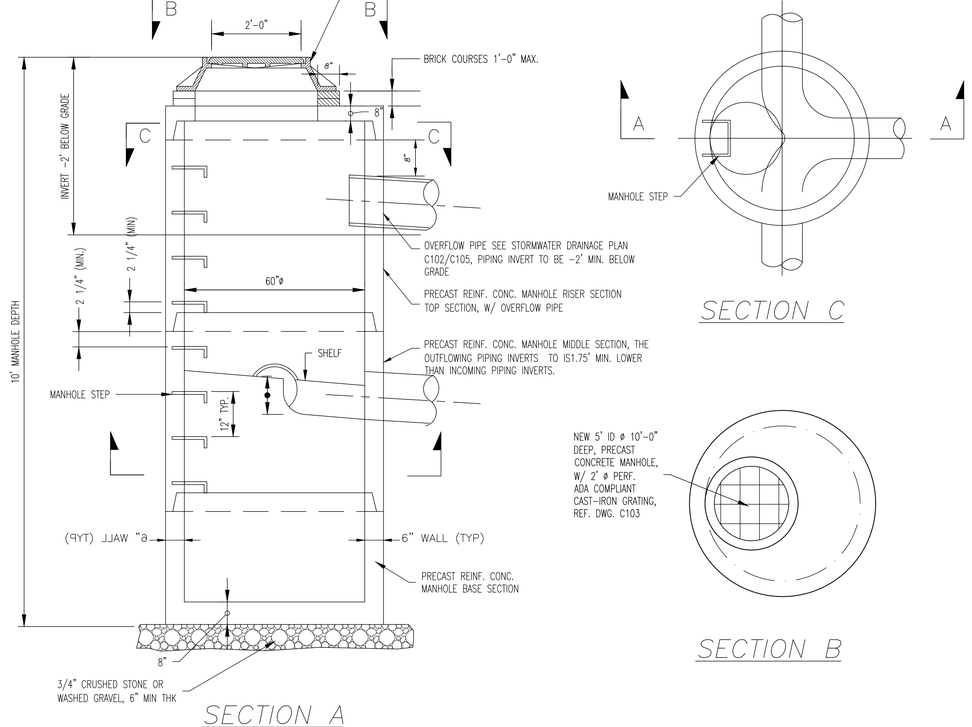
TOTAL STORMWATER CAPACITY:
VOLUME OF PERCOLATION = 405.8 CF X 4.8 = 1,947.8 CF/DAY
VOLUME OF WATER STORED = 421.56 CF + 511.3 CF = 932.9 CF/DAY
TOTAL WATER STORED = 2,880.7 CF/DAY

2,880.7 CF/DAY (PROVIDED) > 2,387.4 CF/DAY (REQUIRED) – OK
USING 12 – CULTEC 300HD RECHARGERS – OK

NEW DRYWELL #2 :
9 – 300HD CULTEC RECHARGERS (REF. DWG. C104A) OR
9 – STORMTECH SC740 RECHARGERS (REF. DWG. C104B) OR
9 – STORMKEEPER SK75 RECHARGER (REF. DWG. C104C)
DRYWELL CHAMBERS TO BE SURROUNDED IN A MINIMUM OF 12–INCHES TOP, BOT. & ALL SIDES WITH CLEAN 1" to 2" CRUSHED STONE (NO RECYCLED STONE), WRAPPED IN FILTER FABRIC. BOT. OF DRYWELLS AT –10'–0" BELOW GRADE. FILL OVER THE UNITS SHALL BE COMPACTED TO 90% PROCTOR DENSITY. DWGS. C102, C104A, C104B & C104C.

MANHOLE NOTES
(FOR DRYWELLS' LEAF & SEDIMENT TRAPS):

1. THE DEPTH OF THE INVERT CHANNEL SHALL BE EQUAL TO 3/4 OF THE DIAMETER OF THE SEWER.
2. THE SHELF SHALL SLOPE TOWARD THE INVERT CHANNEL AT A RATE OF 1" PER FOOT.
3. FOR MANHOLES SPECIFICATIONS, REFER PROJECT MANUAL – DIVISION 2, SECTION 02722 – "PRECAST CONCRETE CATCH BASINS AND MANHOLES",
4. FOR LENGTH OF PIPE CONNECTIONS TO MANHOLE.
5. ALL CONCRETE SHALL BE 4000 PSI MINIMUM.
6. ENTIRE OUTSIDE SURFACE OF MANHOLE SHALL RECIEVE TWO COATS OF BITUMINOUS COATING. KOPPERS 300M PENNOXY TAR 32–8–4, OR APPROVED EQUAL.
7. INSTALL TWO (2) LAYERS OF PLASTIC PREFORMED JOINT SEALANT BETWEEN ALL SECTIONS & UNDER FRAME.
8. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR MANHOLE IN ACCORDANCE WITH SITE DRAWINGS AND SPECIFICATIONS.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH AND CONSTRUCT THE PROPER SIZE STRUCTURE INCLUDING THE NECESSARY OPENINGS TO ACCOMMODATE THE WORK, AS SHOWN ON THE PLANS OR ORDERED BY THE ENGINEER, AT NO ADDITIONAL COST.
10. ALL NECESSARY PATCHING SHALL BE ACCOMPLISHED WITH A NON–SHRINK CEMENT MOTAR GROUT EQUAL TO "SIKA–SET" AS MANUFACTURED BY THE SIKA CHEMICAL CORPORATION
11. FOR MANHOLES HAVING 5' DIA. AND 6' DIA. BASE, REDUCTION IN DIA. TO 4' SHALL START AT THE FIRST JOINT ABOVE THE UPPERMOST PIPE CONNECTION TO WALL WHERE DEPTH IS SUFFICIENT.
12. ALL MANHOLE FRAMES SHALL BE BOLTED TO THE CONE SECTION WITH 2–3/4" DIA. BOLTS WITH WASHERS AND NUTS. BOLTS TO BE AT 180° ON BOLT CIRCLE.
13. SEE THE SPECIFICATIONS FOR LENGTH OF PIPE CONNECTIONS TO MANHOLE.
14. INSTALL 2 LAYERS OF PLASTIC PREFORMED JOINT SEALANT BETWEEN ALL SECTIONS & UNDER FRAME.
15. STEPS TO ALUMINUM ALLOY WITH DEPRESSED TREAD. STEEL REINFORCED POLYPROPYLENE IS OPTIONAL. (SEE DETAIL–ALUMINUM MANHOLE STEP AND POLYPROPYLENE MANHOLE STEP)
16. WHEN TWO OR MORE GRADE ADJUSTMENT RINGS ARE USED, A WATERTIGHT PVC CONNECTOR SHALL BE INSTALLED BETWEEN THE FRAME AND THE CONE. CONNECTOR SHALL BE WATER–LOK CONNECTOR BFA ANTI–FLOATING BY A–LOK PRODUCTS INC. OR APPROVED EQUAL.

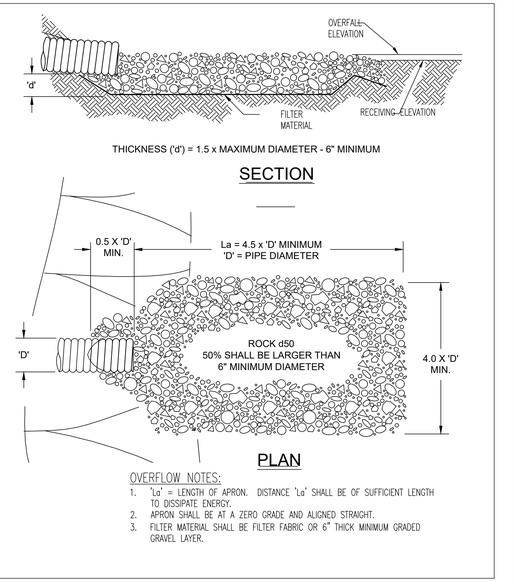


SECTION A

SECTION C

SECTION B

TYPICAL PRECAST CONCRETE MANHOLE DETAILS



OVERFLOW NOTES:
1. 'La' = LENGTH OF APRON. DISTANCE 'La' SHALL BE OF SUFFICIENT LENGTH TO DISSIPATE ENERGY.
2. APRON SHALL BE AT A ZERO GRADE AND ALIGNED STRAIGHT.
3. FILTER MATERIAL SHALL BE FILTER FABRIC OR 6" THICK MINIMUM GRADED GRAVEL LAYER.

TYP. OVERFLOW DETAILS

DRAWING LIST:

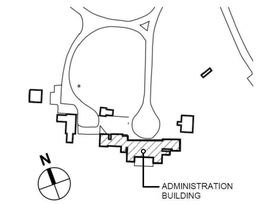
DRAWING #:	SHEET TITLE
C.101	GENERAL NOTES & SPECIFICATIONS.
C.102	STORMWATER & EROSION CONTROL DRAINAGE PLAN.
C.103	STORM DRAINAGE ENLARGED PLANS, SECTIONS & DETAILS.
C.104A	CULTEC 300 HD REGARGER DRYWELLS – SECTIONS & DETAILS
C.104B	ADS STORMTECH SC740 REGARGER DRYWELLS – SECTIONS & DETAILS.
C.104C	LANE STORMKEEPER SK75 RECHARGER DYWELLS – SECTIONS & DETAILS.

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

STORM DRAINAGE ENLARGED PLANS, SECTIONS & DETAILS

SCALE: NOT TO SCALE

DATE: 10 SEPTEMBER 2024

DRAWING NO.: **C.103**

STATE OF NEW YORK · LOUISE A. TORRES · LICENSED PROFESSIONAL ENGINEER · No. 062913-1

CULTEC RECHARGER® 300HD PRODUCT SPECIFICATIONS

GENERAL

CULTEC RECHARGER® 300HD CHAMBERS ARE DESIGNED FOR UNDERGROUND STORMWATER MANAGEMENT. THE CHAMBERS MAY BE USED FOR RETENTION, RECHARGING, DETENTION OR CONTROLLING THE FLOW OF ON-SITE STORMWATER RUNOFF.

CHAMBER PARAMETERS

1. THE CHAMBERS SHALL BE MANUFACTURED IN THE U.S.A. BY CULTEC, OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832).
2. THE CHAMBERS SHALL BE DESIGNED AND TESTED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS. THE LOAD CONFIGURATION SHALL INCLUDE:
   A: INSTANTANEOUS AASHTO DESIGN TRUCK LIVE LOAD AT MINIMUM COVER.
   B: MAXIMUM PERMANENT (50-YEAR) COVER LOAD.
   C: 1-WEEK PARKED AASHTO DESIGN TRUCK LOAD.
3. THE CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS."
4. THE INSTALLED CHAMBER SYSTEM SHALL PROVIDE RESISTANCE TO THE LOADS AND LOAD FACTORS AS DEFINED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12. WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS. THE STRUCTURAL DESIGN OF THE CHAMBERS SHALL INCLUDE THE FOLLOWING:
   A: THE CREEP MODULUS SHALL BE 50-YEAR AS SPECIFIED IN ASTM F2418.
   B: THE MINIMUM SAFETY FACTOR FOR LIVE LOADS SHALL BE 1.75.
   C: THE MINIMUM SAFETY FACTOR FOR DEAD LOADS SHALL BE 1.95.
5. THE CHAMBER SHALL BE INJECTION MOLDED OF BLUE VIRGIN IMPACT-MODIFIED POLYPROPYLENE.
6. THE CHAMBER SHALL BE ARCHED IN SHAPE.
7. THE CHAMBER SHALL BE OPEN-BOTTOMED.
8. THE CHAMBER SHALL BE JOINED USING AN INTERLOCKING OVERLAPPING RIB METHOD. CONNECTIONS MUST BE FULLY SHOULDERED OVERLAPPING RIBS, HAVING NO SEPARATE COUPLINGS.
9. THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC RECHARGER® 300HD SHALL BE 30 INCHES (762 mm) TALL, 51 INCHES (1295 mm) WIDE AND 90.5 INCHES (2299 mm) LONG. THE INSTALLED LENGTH OF A JOINED RECHARGER® 300HD SHALL BE 7.08 FEET (2.159 m).
10. MULTIPLE CHAMBERS MAY BE CONNECTED TO FORM DIFFERENT LENGTH ROWS. EACH ROW SHALL BEGIN AND END WITH A SEPARATELY FORMED CULTEC RECHARGER® 300HD END CAP. MAXIMUM INLET OPENING ON THE END CAP IS 24 INCH (600 mm) HDPE.
11. THE CHAMBER SHALL HAVE TWO SIDE PORTALS TO ACCEPT CULTEC HVLV™ FC-24 FEED CONNECTORS TO CREATE AN INTERNAL MANIFOLD. MAXIMUM ALLOWABLE PIPE SIZE IN THE SIDE PORTAL IS 10 INCH (250mm) HDPE OR 12 INCH (300mm) PVC.
12. THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC HVLV™ FC-24 FEED CONNECTOR SHALL BE 12 INCHES (305 mm) TALL, 16 INCHES (406 mm) WIDE AND 24.2 INCHES (615 mm) LONG.
13. THE NOMINAL STORAGE VOLUME OF THE RECHARGER® 300HD CHAMBER SHALL BE 6.53 FT³ / FT (607 m³ / m) - WITHOUT STONE; THE NOMINAL STORAGE VOLUME OF A JOINED RECHARGER® 300HD SHALL BE 46.27 FT³ / UNIT (1.310 m³ / UNIT) - WITHOUT STONE.
14. THE RECHARGER® 300HD CHAMBER SHALL HAVE 14 CORRUGATIONS.
15. THE CHAMBER SHALL BE MANUFACTURED IN A FACILITY EMPLOYING CULTEC'S QUALITY CONTROL AND ASSURANCE PROCEDURES.
16. MAXIMUM ALLOWABLE COVER OVER THE TOP OF THE CHAMBER SHALL BE 12.0 FEET (3.66 m).

END CAP PARAMETERS

1. THE CULTEC RECHARGER® 300HD END CAP (REFERRED TO AS 'END CAP') SHALL BE MANUFACTURED IN THE U.S.A. BY CULTEC, OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832).
2. THE END CAP SHALL BE INJECTION MOLDED OF BLUE VIRGIN IMPACT-MODIFIED POLYETHYLENE COPOLYMERS.
3. THE END CAP SHALL BE ARCHED IN SHAPE.
4. THE END CAP SHALL BE OPEN-BOTTOMED.
5. THE END CAP SHALL BE JOINED AT THE BEGINNING AND END OF EACH ROW OF CHAMBERS USING AN INTERLOCKING OVERLAPPING RIB METHOD. CONNECTIONS MUST BE FULLY SHOULDERED OVERLAPPING RIBS, HAVING NO SEPARATE COUPLINGS.
8. THE NOMINAL DIMENSIONS OF THE END CAP SHALL BE 29.3 INCHES (744 mm) TALL, 45.9 INCHES (1166 mm) WIDE AND 12.2 INCHES (310 mm) LONG. WHEN JOINED WITH A RECHARGER 300HD CHAMBER, THE INSTALLED LENGTH OF THE END CAP SHALL BE 9.6 INCHES (244 mm).
9. THE NOMINAL STORAGE VOLUME OF THE END CAP SHALL BE 3.32 FT³ / FT (0.31 m³ / m) - WITHOUT STONE. THE NOMINAL STORAGE VOLUME OF AN INTERLOCKED END CAP SHALL BE 2.66 FT³ / UNIT (0.08 m³ / UNIT) - WITHOUT STONE.
10. MAXIMUM INLET OPENING ON THE END CAP IS 24 INCH (600 mm) HDPE.
11. THE CHAMBER SHALL BE MANUFACTURED IN A FACILITY EMPLOYING CULTEC'S QUALITY CONTROL AND ASSURANCE PROCEDURES.
12. THE END CAP SHALL PROVIDE RESISTANCE TO THE LOADS AND LOAD FACTORS AS DEFINED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12.

CULTEC HVLV FC-24 FEED CONNECTOR PRODUCT SPECIFICATIONS

GENERAL

CULTEC HVLV FC-24 FEED CONNECTORS ARE DESIGNED TO CREATE AN INTERNAL MANIFOLD FOR CULTEC RECHARGER MODEL 330XLHD STORMWATER CHAMBERS.

CHAMBER PARAMETERS

1. THE CHAMBERS SHALL BE MANUFACTURED IN THE U.S.A. BY CULTEC, OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832)
2. THE CHAMBER SHALL BE VACUUM THERMOFORMED OF HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE (HMWHDPE) WITH A BLACK INTERIOR AND BLUE EXTERIOR.
3. THE CHAMBER SHALL BE ARCHED IN SHAPE.
4. THE CHAMBER SHALL BE OPEN-BOTTOMED.
5. THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC HVLV FC-24 FEED CONNECTOR SHALL BE 12 INCHES (305 mm) TALL, 16 INCHES (406 mm) WIDE AND 24.2 INCHES (614 mm) LONG.
6. THE NOMINAL STORAGE VOLUME OF THE HVLV FC-24 FEED CONNECTOR SHALL BE 0.913 FT³ / FT (0.085 m³ / m) - WITHOUT STONE.
7. THE HVLV FC-24 FEED CONNECTOR CHAMBER SHALL HAVE 2 CORRUGATIONS.
8. THE HVLV FC-24 FEED CONNECTOR MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO OPEN END WALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS. THE UNIT SHALL FIT INTO THE SIDE PORTALS OF THE CULTEC RECHARGER STORMWATER CHAMBER AND ACT AS CROSS FEED CONNECTIONS CREATING AN INTERNAL MANIFOLD.
9. THE CHAMBER SHALL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.
10. THE CHAMBER SHALL BE MANUFACTURED IN AN ISO 9001:2015 CERTIFIED FACILITY.

CULTEC NO. 410™ NON-WOVEN GEOTEXTILE

CULTEC NO. 410™ NON-WOVEN GEOTEXTILE MAY BE USED WITH CULTEC CONTACTOR® AND RECHARGER® STORMWATER INSTALLATIONS TO PROVIDE A BARRIER THAT PREVENTS SOIL INTRUSION INTO THE STONE.

GEOTEXTILE PARAMETERS

1. THE GEOTEXTILE SHALL BE PROVIDED BY CULTEC, OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832)
2. THE GEOTEXTILE SHALL BE BLACK IN APPEARANCE.
3. THE GEOTEXTILE SHALL HAVE A TYPICAL WEIGHT OF 4.5 OZ/SY (142 G/M).
4. THE GEOTEXTILE SHALL HAVE A TENSILE STRENGTH VALUE OF 120 LBS (533 N) PER ASTM D4632 TESTING METHOD.
5. THE GEOTEXTILE SHALL HAVE AN ELONGATION @ BREAK VALUE OF 50% PER ASTM D4632 TESTING METHOD.
6. THE GEOTEXTILE SHALL HAVE A MULLEN BURST VALUE OF 225 PSI (1551 KPA) PER ASTM D3786 TESTING METHOD.
7. THE GEOTEXTILE SHALL HAVE A PUNCTURE STRENGTH VALUE OF 65 LBS (289 N) PER ASTM D4833 TESTING METHOD.
8. THE GEOTEXTILE SHALL HAVE A CBR PUNCTURE VALUE OF 340 LBS (1513 N) PER ASTM D6241 TESTING METHOD.
9. THE GEOTEXTILE SHALL HAVE A TRAPEZOID TEAR VALUE OF 50 LBS (222 N) PER ASTM D4533 TESTING METHOD.
10. THE GEOTEXTILE SHALL HAVE A AOS VALUE OF 70 U.S. SIEVE (0.212 MM) PER ASTM D4751 TESTING METHOD.
11. THE GEOTEXTILE SHALL HAVE A PERMITTIVITY VALUE OF 1.7 SEC-1 PER ASTM D4491 TESTING METHOD.
12. THE GEOTEXTILE SHALL HAVE A WATER FLOW RATE VALUE OF 135 GAL/MIN/SF (5500 L/MIN/SM) PER ASTM D4491 TESTING METHOD.
13. THE GEOTEXTILE SHALL HAVE A UV STABILITY @ 500 HOURS VALUE OF 70% PER ASTM D4355 TESTING METHOD.

CULTEC AFAB-HPF™ WOVEN GEOTEXTILE

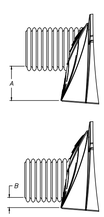
CULTEC AFAB-HPF WOVEN GEOTEXTILE IS DESIGNED AS A UNDERLAYMENT TO PREVENT SCOURING CAUSED BY WATER MOVEMENT WITHIN THE CULTEC CHAMBERS AND FEED CONNECTORS UTILIZING THE CULTEC MANIFOLD FEATURE. IT MAY ALSO BE USED AS A COMPONENT OF THE CULTEC SEPARATOR ROW TO ACT AS A BARRIER TO PREVENT SOIL/CONTAMINANT INTRUSION INTO THE STONE WHILE ALLOWING FOR MAINTENANCE.

GEOTEXTILE PARAMETERS

1. THE GEOTEXTILE SHALL BE PROVIDED BY CULTEC, OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832)
2. THE GEOTEXTILE SHALL BE BLACK AND WHITE IN APPEARANCE.
3. THE GEOTEXTILE SHALL HAVE A TENSILE STRENGTH OF 320 X 320 LBS (1,420 X 1,420 N) PER ASTM D4632 TESTING METHOD.
4. THE GEOTEXTILE SHALL HAVE A ELONGATION @ BREAK RESISTANCE OF 15 X 15% PER ASTM D4632 TESTING METHOD.
5. THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE OF 3,563 X 3,563 LBS/FT (52 X 52 KN/M) PER ASTM D4595 TESTING METHOD.
6. THE GEOTEXTILE SHALL HAVE A CBR PUNCTURE RESISTANCE OF 1,500 LBS (6,670 N) PER ASTM D6241 TESTING METHOD.
7. THE GEOTEXTILE SHALL HAVE A TRAPEZOIDAL TEAR RESISTANCE OF 120 X 120 LBS (540 X 540 N) PER ASTM D4533 TESTING METHOD.
8. THE GEOTEXTILE SHALL HAVE AN APPARENT OPENING SIZE OF 30 US STD. SIEVE (0.60 MM) PER ASTM D4751 TESTING METHOD.
9. THE GEOTEXTILE SHALL HAVE A PERMITTIVITY RATING OF 0.2 SEC-1 PER ASTM D4491 TESTING METHOD.
10. THE GEOTEXTILE SHALL HAVE A WATER FLOW RATING OF 22 GPM/FT2 (900 LPM/M2) PER ASTM D4491 TESTING METHOD.
11. THE GEOTEXTILE SHALL HAVE A UV RESISTANCE OF 70% @ 500 HRS. PER ASTM D4355 TESTING METHOD.

1 GENERAL NOTES

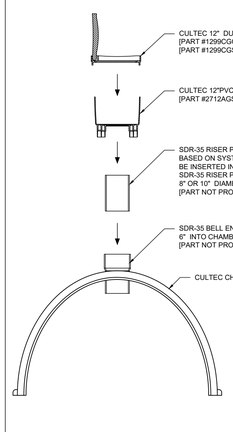
PIPE	A	B
6"	18.50"	0.50"
8"	16.50"	0.75"
10"	14.50"	1.00"
12"	12.50"	1.25"
15"	9.00	1.50"
18"	5.00"	1.75"
24"	N/A	2.50"



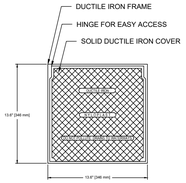
*THE TYPICAL INVERT TABLE ABOVE IS BASED ON THE INSIDE DIAMETER OF STANDARD CORRUGATED PLASTIC PIPE. THE HEAVY DUTY END CAP HAS PRE-MARKED TRIM LINES FOR PIPE DIAMETERS 6" , 8" , 10" , 12" , 15" , 18" AND 24" PIPES OF ANY SIZE AND MATERIAL UP TO 24" MAY BE PLACED AT CUSTOM LOCATIONS AND CUSTOM INVERTS. THE CROWN OF THE PIPE MUST REMAIN A MINIMUM OF 3") FROM THE EDGE OF THE HEAVY DUTY END CAP.

7 CULTEC RECHARGER 300HD TYPICAL PIPE INVERTS

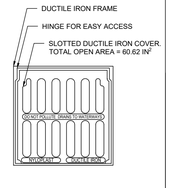
FINAL ASSEMBLY



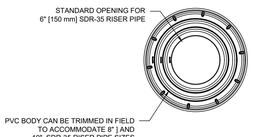
SOLID COVER OPTION



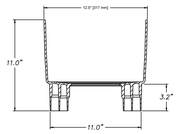
SLOTTED COVER OPTION



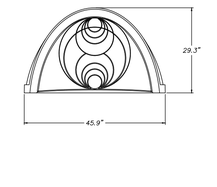
PVC BODY PLAN VIEW

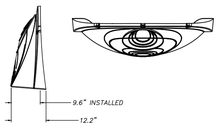


PVC BODY ELEVATION VIEW



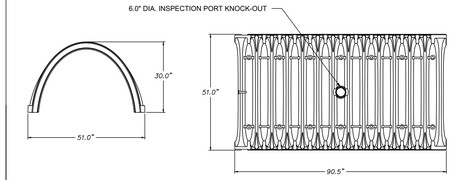
2 CULTEC UNIVERSAL INSPECTION PORT KIT DETAIL

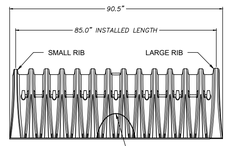




CULTEC RECHARGER 300HD
END CAP STORAGE = 2.66 CF / UNIT
END CAP STORAGE = 3.32 CF/FT
INSTALLED LENGTH ADJUSTMENT = 0.22'

3 CULTEC RECHARGER 300HD HEAVY DUTY END CAP THREE VIEW



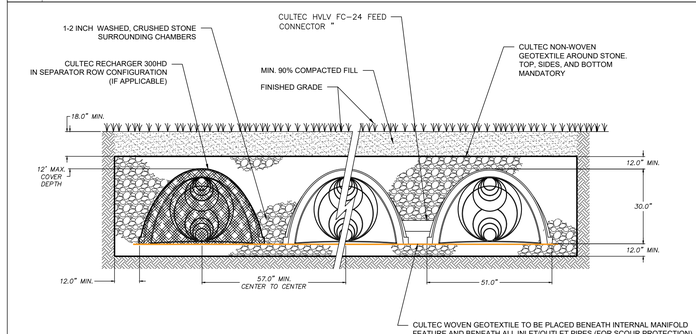


SIDE PORTAL FOR INTERNAL MANIFOLD
(ACCOMMODATES CULTEC HVLV FC-24 FEED CONNECTOR OR STORM PIPE)
MAXIMUM PIPE SIZE:
12" PVC
10" HDPE

CULTEC RECHARGER 300HD CHAMBER STORAGE = 6.53 CF/FT

INSTALLED LENGTH ADJUSTMENT = 0.46'

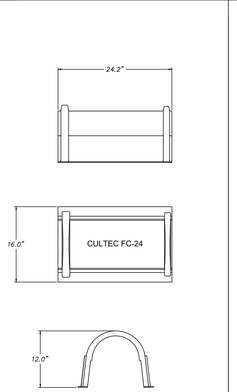
4 CULTEC RECHARGER 300HD HEAVY DUTY THREE VIEW



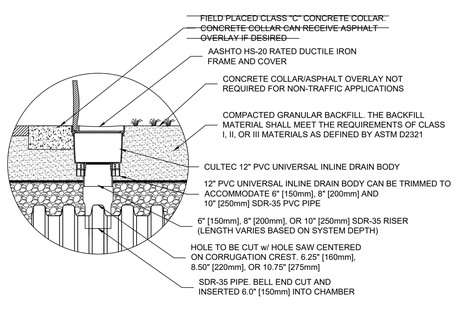
NOTES:
1. THE CHAMBERS SHALL BE DESIGNED AND TESTED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS." THE LOAD CONFIGURATION SHALL INCLUDE:
   1.a. INSTANTANEOUS AASHTO DESIGN TRUCK LIVE LOAD AT MINIMUM COVER
   1.b. MAXIMUM PERMANENT (50-YEAR) COVER LOAD
   1.c. 1-WEEK PARKED AASHTO DESIGN TRUCK LOAD
2. THE CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE INSTALLED CHAMBER SYSTEM SHALL PROVIDE RESISTANCE TO THE LOADS AND LOAD FACTORS AS DEFINED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12, WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS. THE STRUCTURAL DESIGN OF THE CHAMBERS SHALL INCLUDE THE FOLLOWING:
   3.a. THE CREEP MODULUS SHALL BE 50-YEAR AS SPECIFIED IN ASTM F2418
   3.b. THE MINIMUM SAFETY FACTOR FOR LIVE LOADS SHALL BE 1.75
   3.c. THE MINIMUM SAFETY FACTOR FOR DEAD LOADS SHALL BE 1.95

5 CULTEC RECHARGER 300HD HEAVY DUTY CROSS SECTION

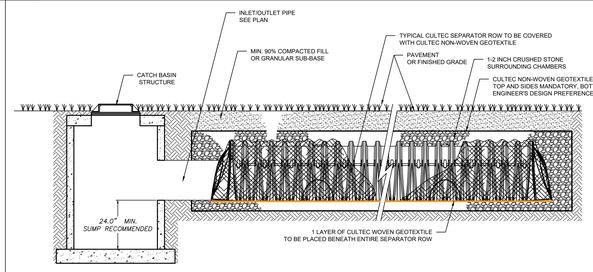
6 CULTEC RECHARGER 300HD HEAVY DUTY TYPICAL INTERLOCK



8 CULTEC HVLV FC-24 FEED CONNECTOR THREE VIEW



9 REQUIRED CULTEC INSPECTION PORT - ZOOM DETAIL



NOTES:
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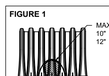
FIGURE 1



ZOOM OF SIDE PORTAL SHOWING MAX. PIPE O.D.

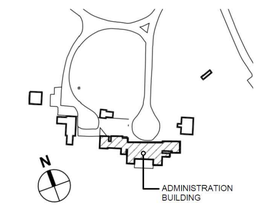
10 CULTEC SEPARATOR ROW - CULTEC INSPECTION PORT DETAIL (IF APPLICABLE)

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

CULTEC 300 HD RECHARGER DRYWELLS - SECTIONS & DETAILS

SCALE: NOT TO SCALE

DATE: 10 SEPTEMBER 2024

DRAWING NO.: **C.104A**

STATE OF NEW YORK · LOUISE KUMIN · No. 062513-1 · LICENSED PROFESSIONAL ENGINEER

NYS PE LICENSE #062513-1

GENERAL NOTES

SC-740 STORMTECH CHAMBER SPECIFICATIONS

1. CHAMBERS SHALL BE STORMTECH SC-740.
2. CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
3. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
4. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
5. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
6. CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
7. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
8. ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
   - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
   - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
   - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-740 SYSTEM

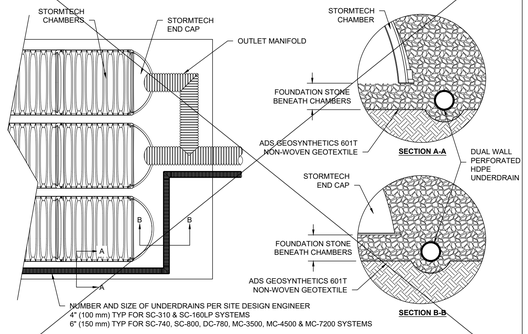
1. STORMTECH SC-740 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
2. STORMTECH SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
3. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS.
   STORMTECH RECOMMENDS 3 BACKFILL METHODS:
   - STONESHOOTER LOCATED OFF THE CHAMBER BED.
   - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
   - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
6. MAINTAIN MINIMUM – 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.
7. EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4-2" (20-50 mm).
8. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
9. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

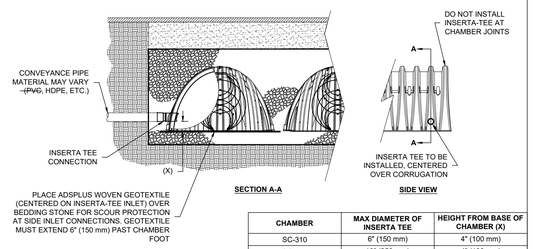
1. STORMTECH SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
2. THE USE OF CONSTRUCTION EQUIPMENT OVER SC-740 CHAMBERS IS LIMITED:
   - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
   - NO RUBBER TIRED LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
   - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.



5 UNDERDRAIN DETAIL

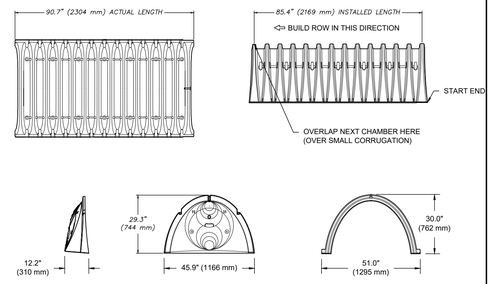


NOTES:
- PART NUMBERS WILL VARY BASED ON INLET PIPE MATERIALS. CONTACT STORMTECH FOR MORE INFORMATION.
- CONTACT ADS ENGINEERING SERVICES IF INSERTA TEE INLET MUST BE RAISED AS NOT ALL INVERTS ARE POSSIBLE.

CHAMBER	MAX DIAMETER OF INSERTA TEE	HEIGHT FROM BASE OF CHAMBER (X)
SC-310	6" (150 mm)	4" (100 mm)
SC-740	10" (250 mm)	4" (100 mm)
SC-800	10" (250 mm)	4" (100 mm)
DC-780	10" (250 mm)	4" (100 mm)
MC-3500	12" (300 mm)	6" (150 mm)
MC-4500	12" (300 mm)	8" (200 mm)
MC-7200	12" (300 mm)	8" (200 mm)

INSERTA TEE FITTINGS AVAILABLE FOR SDR 26, SDR 35, SCH 40 IPS GASKETED & SOLVENT WELD, N-12, HP STORM, C-900 OR DUCTILE IRON

6 INSERTA-TEE SIDE INLET DETAIL

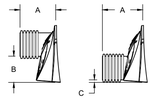


NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	51.0" X 30.0" X 85.4"	(1295 mm X 762 mm X 2169 mm)
CHAMBER STORAGE	45.9 CUBIC FEET	(1.30 m³)
MINIMUM INSTALLED STORAGE*	74.9 CUBIC FEET	(2.12 m³)
WEIGHT	75.0 lbs.	(33.6 kg)

*ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS

PRE-FAB STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
PRE-CORED END CAPS END WITH "PC"



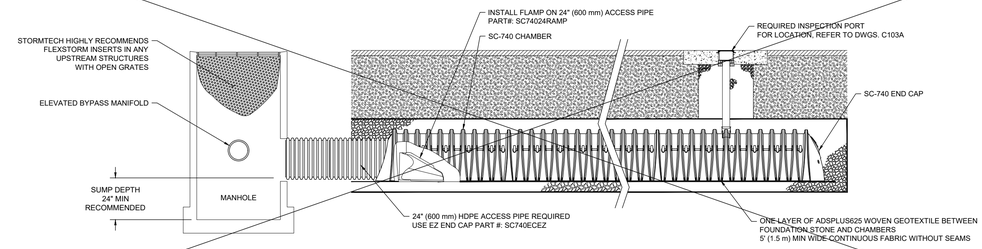
PART #	STUB	A	B	C
SC740EPE06T / SC740EPE06TPC	6" (150 mm)	10.9" (277 mm)	18.5" (470 mm)	---
SC740EPE06B / SC740EPE06BPC			---	0.5" (13 mm)
SC740EPE08T /SC740EPE08TPC	8" (200 mm)	12.2" (310 mm)	16.5" (419 mm)	---
SC740EPE08B / SC740EPE08BPC			---	0.6" (15 mm)
SC740EPE10T / SC740EPE10TPC	10" (250 mm)	13.4" (340 mm)	14.5" (368 mm)	---
SC740EPE10B / SC740EPE10BPC			---	0.7" (18 mm)
SC740EPE12T / SC740EPE12TPC	12" (300 mm)	14.7" (373 mm)	12.5" (318 mm)	---
SC740EPE12B / SC740EPE12BPC			---	1.2" (30 mm)
SC740EPE15T / SC740EPE15TPC	15" (375 mm)	18.4" (467 mm)	9.0" (229 mm)	---
SC740EPE15B / SC740EPE15BPC			---	1.3" (33 mm)
SC740EPE18T / SC740EPE18TPC	18" (450 mm)	19.7" (500 mm)	5.0" (127 mm)	---
SC740EPE18B / SC740EPE18BPC			---	1.6" (41 mm)
SC740ECEZ*	24" (600 mm)	18.5" (470 mm)	---	0.1" (3 mm)

ALL STUBS, EXCEPT FOR THE SC740ECEZ ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.

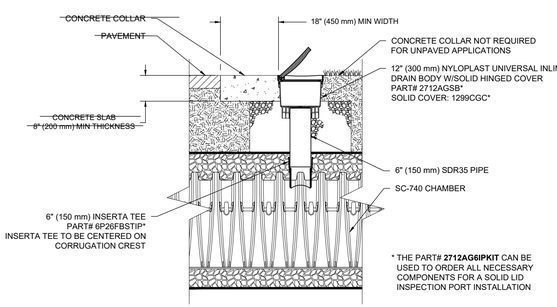
* FOR THE SC740ECEZ THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

NOTE: ALL DIMENSIONS ARE NOMINAL

2 SC-740 TECHNICAL SPECIFICATIONS



3 ELEVATION



* THE PART# **2712AG6IPKIT** CAN BE USED TO ORDER ALL NECESSARY COMPONENTS FOR A SOLID LID INSPECTION PORT INSTALLATION

INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
  - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
    - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

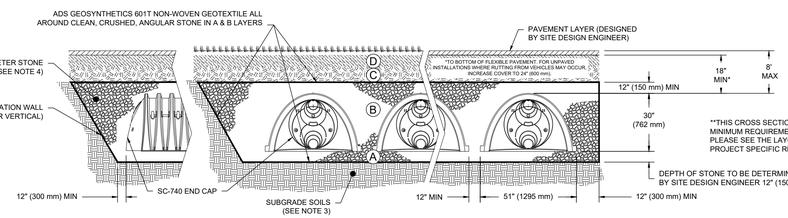
1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

4 **SC-740 6" (150 mm) INSPECTION PORT DETAIL**
NTS

ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1, A-2-4, A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2,3]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
5. WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".



NOTES:

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
2. SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/FT/FT. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

1 SC-740 CROSS SECTION DETAIL

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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630 Johnson Avenue, Bohemia, NY 11716

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

Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
ADS STORMTECH SC740 RECHARGER DRYWELLS - SECTIONS & DETAILS

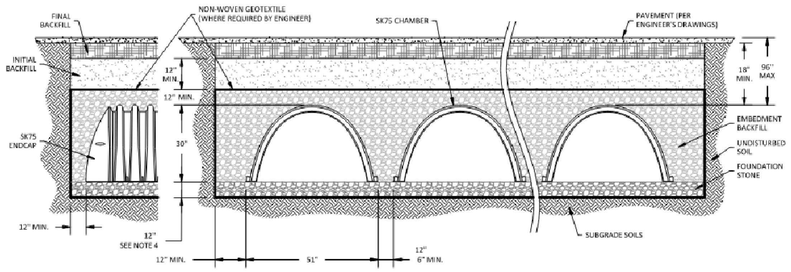
SCALE: NOT TO SCALE

DATE: 10 SEPTEMBER 2024

DRAWING NO.: **C.104B**

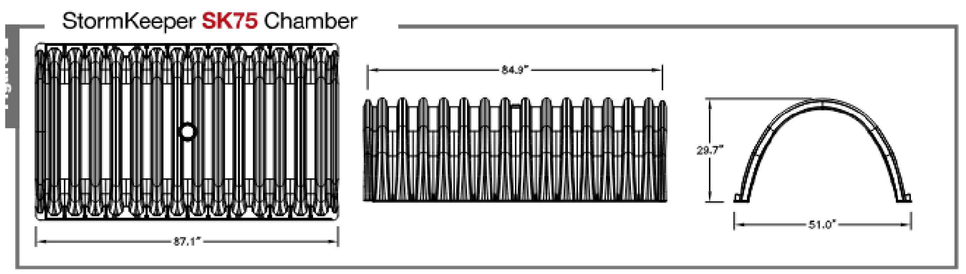
STATE OF NEW YORK LOUISE M. HOWARD LICENSED PROFESSIONAL ENGINEER No. 062513-1

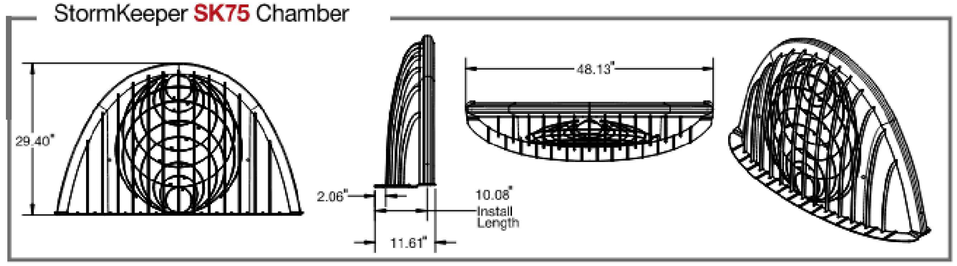
NYS PE LICENSE #062513-1



NOTES:

1. CHAMBER SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S LATEST INSTALLATION GUIDELINES.
2. SUBGRADE: TRENCH BOTTOMS WITH UNSTABLE OR UNYIELDING MATERIAL SHALL BE EXCAVATED TO A DEPTH DIRECTED BY THE ENGINEER AND REPLACED WITH SUITABLE MATERIAL. FOR UNSTABLE MATERIALS, GEOTEXTILE MAY BE USED TO STABILIZE THE TRENCH BOTTOM, IF DIRECTED BY THE ENGINEER. THE DESIGN ENGINEER IS RESPONSIBLE FOR VERIFYING SUBGRADE SUITABILITY.
3. GEOTEXTILE: AN AASHTO M288 CLASS 2 NON-WOVEN GEOTEXTILE SHALL BE USED TO PREVENT ADJACENT MATERIALS FROM MIGRATING INTO THE FOUNDATION AND EMBEDMENT ZONES.
4. FOUNDATION STONE: SUITABLE MATERIAL SHALL BE A CLEAN, CRUSHED, ANGULAR STONE WITH AN AASHTO M43 DESIGNATION BETWEEN #3 AND #57 (AASHTO M43 SIZES NO. 3, 357, 4, 467, 5, 56, 57). MINIMUM FOUNDATION STONE THICKNESS SHALL BE 6 INCHES AND INCREASED AS NECESSARY PER TABLE 1. COMPACTION REQUIREMENTS ARE MET WHEN PLACED AND COMPACTED IN 6 INCH MAXIMUM LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
5. EMBEDMENT STONE: SUITABLE MATERIAL SHALL BE A CLEAN, CRUSHED, ANGULAR STONE WITH AN AASHTO M43 DESIGNATION BETWEEN #3 AND #57 (AASHTO M43 SIZES NO. 3, 357, 4, 467, 5, 56, 57). EMBEDMENT STONE SHALL EXTEND FROM THE TOP OF THE FOUNDATION STONE TO NOT LESS THAN 6 INCHES ABOVE THE CHAMBER. NO COMPACTION IS REQUIRED WHEN STONE IS PROPERLY PLACED ON AND AROUND THE CHAMBERS (NOTE: MANIFOLD INSTALLATION WILL REQUIRE STANDARD PIPE INSTALLATION PRACTICES).
6. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE (1) A GRANULAR, WELL-GRADED, SOIL-AGGREGATE MIXTURE WITH LESS THAN 35% FINES PER AASHTO M145, OR (2) A CLEAN, CRUSHED, ANGULAR STONE WITH AASHTO M43 SIZES NO. 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 80, 9, OR 10. NOTE THAT PAVEMENT SUBBASE MAY COMPRISE A PORTION OF THIS LAYER. COMPACT CLEAN MATERIALS (LESS THAN 5% FINES) IN MAXIMUM 12 INCH LIFTS TO A MINIMUM 95% RELATIVE COMPACTION AND ALL OTHER MATERIALS IN MAXIMUM 6 INCH LIFTS TO A MINIMUM 95% STANDARD PROCTOR DENSITY UNLESS DIRECTED DIFFERENTLY BY THE ENGINEER. INITIAL BACKFILL SHALL EXTEND FROM TOP OF EMBEDMENT STONE TO NOT LESS THAN 18 INCHES ABOVE THE CHAMBER.
7. FINAL BACKFILL: SUITABLE MATERIALS, COMPACTION LIFTS, AND COMPACTION LEVELS AS DIRECTED BY THE ENGINEER. FINAL BACKFILL SHALL EXTEND FROM THE TOP OF THE INITIAL BACKFILL AND CONSTRUCTED TO A HEIGHT IN WHICH THE FINAL GRADE IS NO MORE THAN 96 INCHES ABOVE THE CHAMBER.
8. MINIMUM COVER: A MINIMUM COVER OF 18 INCHES IS REQUIRED TO SUPPORT A PAVING OPERATION WHEN THE SUBBASE AND BASE COURSES HAVE BEEN CONSTRUCTED TO ROADWAY STANDARDS. CONSIDERATIONS SHALL BE MADE TO INCREASE THE MINIMUM COVER TO OFFSET RUTTING POTENTIALS WHEN THE SURFACE IS LEFT UNPAVED AND LIABLE FOR TRAFFIC AND/OR CONSTRUCTION LOADINGS. SEE ALSO PAGE 1 "NOTES FOR CONSTRUCTION EQUIPMENT."
9. LOAD RATING: A PAVEMENT CONSTRUCTED ON PROPERLY PREPARED SUBBASE AND BASE COURSES WILL SUPPORT STANDARD HIGHWAY DESIGN TRUCKS (I.E. HS-20, HS-25, HL-93).





GENERAL NOTES

STORMKEEPER SK75 SYSTEM

1. Chambers shall be StormKeeper SK75 or approved equal.
2. Chambers shall be manufactured from virgin polypropylene resins.
3. Chambers and endcaps shall meet or exceed the requirements of ASTM F2418.
4. Chambers shall have handles installed in the base to facilitate construction of the system.
5. Chambers shall be designed in accordance with ASTM F2787, "Standard Practice for Structural Design of Thermoplastic Corrugated Wall Stormwater Collection Chambers."
6. Rows of Chambers shall be continuous, unobstructed internal space with no internal support panels.
7. The structural design of the chambers, backfill, and installation requirements shall ensure that the load factors specified in the AASHTO LRFD Bridge design specifications, section 12.12 are met.
8. Only chambers that are approved by the Engineer shall be allowed.
9. Chambers shall be produced at an ISO 9001 certified manufacturing facility.
10. All design specifications for chambers shall be in accordance with the manufacturer's latest design guidelines.
11. The installation of the chambers shall be in accordance with the manufacturer's latest installation guidelines. ----

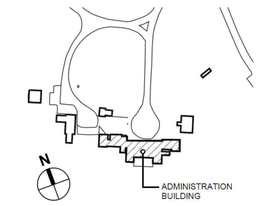
FOR BALANCE OF INFO NOT SHOWN REFER MANUF. SPECIFICATIONS AND DWG. C-104A

https://lane-enterprises.com/stormkeeper%E2%84%A2-stormwater-chambers

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Trophy Point Construction Services
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Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
LANE STORMKEEPER SK75 RECHARGER DRYWELLS - SECTIONS & DETAILS

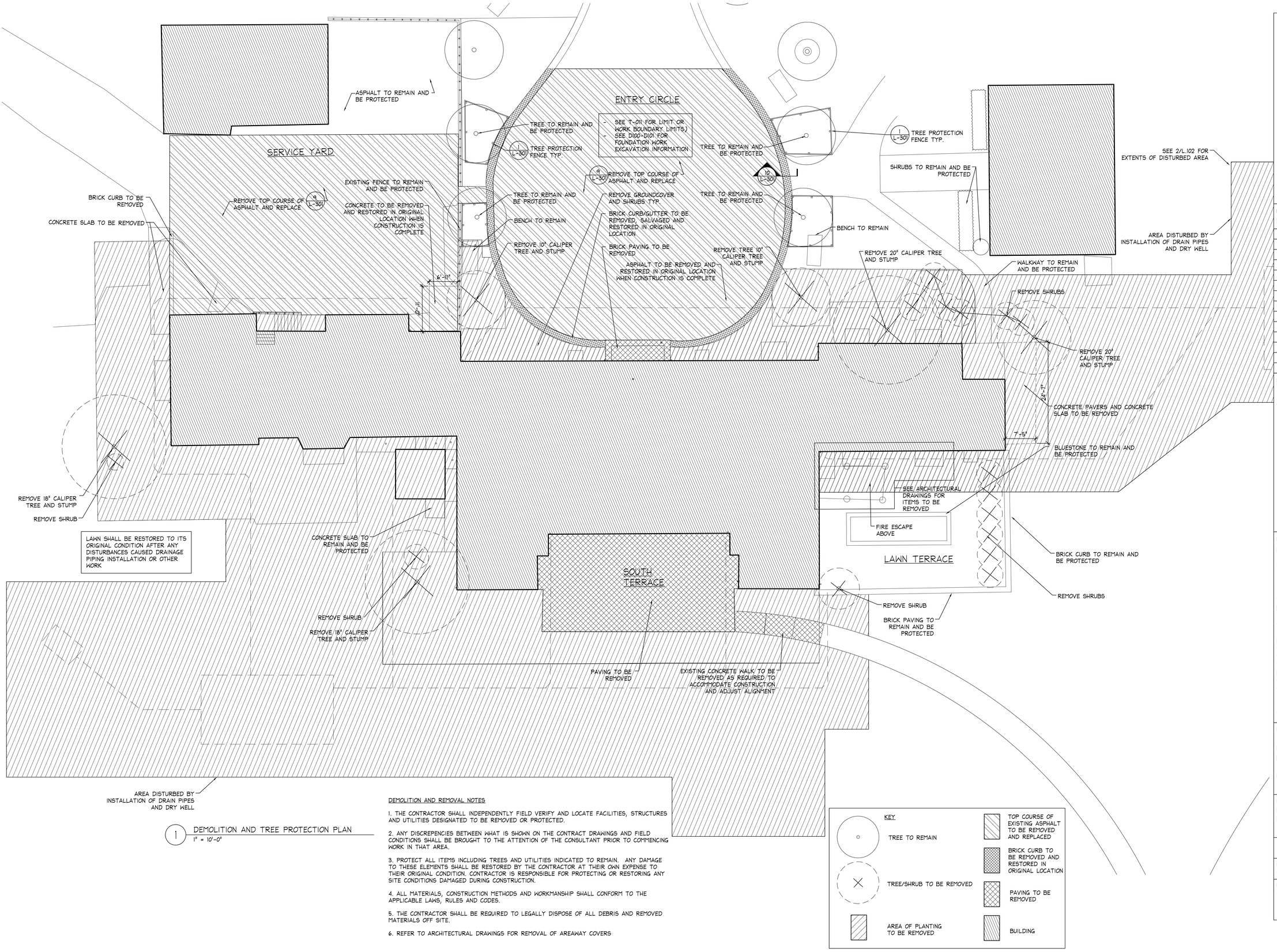
SCALE: NOT TO SCALE

DATE: 10 SEPTEMBER 2024

DRAWING NO.: **C.104C**

STATE OF NEW YORK LOUISE J. LANE LICENSED PROFESSIONAL ENGINEER No. 062513-1

NYS PE LICENSE #062513-1



1 DEMOLITION AND TREE PROTECTION PLAN
1" = 10'-0"

DEMOLITION AND REMOVAL NOTES

1. THE CONTRACTOR SHALL INDEPENDENTLY FIELD VERIFY AND LOCATE FACILITIES, STRUCTURES AND UTILITIES DESIGNATED TO BE REMOVED OR PROTECTED.

2. ANY DISCREPENCIES BETWEEN WHAT IS SHOWN ON THE CONTRACT DRAWINGS AND FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANT PRIOR TO COMMENCING WORK IN THAT AREA.

3. PROTECT ALL ITEMS INCLUDING TREES AND UTILITIES INDICATED TO REMAIN. ANY DAMAGE TO THESE ELEMENTS SHALL BE RESTORED BY THE CONTRACTOR AT THEIR OWN EXPENSE TO THEIR ORIGINAL CONDITION. CONTRACTOR IS RESPONSIBLE FOR PROTECTING OR RESTORING ANY SITE CONDITIONS DAMAGED DURING CONSTRUCTION.

4. ALL MATERIALS, CONSTRUCTION METHODS AND WORKMANSHIP SHALL CONFORM TO THE APPLICABLE LAWS, RULES AND CODES.

5. THE CONTRACTOR SHALL BE REQUIRED TO LEGALLY DISPOSE OF ALL DEBRIS AND REMOVED MATERIALS OFF SITE.

6. REFER TO ARCHITECTURAL DRAWINGS FOR REMOVAL OF AREAWAY COVERS

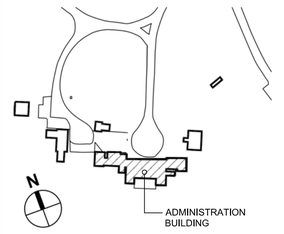
KEY

- TREE TO REMAIN
- TREE/SHRUB TO BE REMOVED
- AREA OF PLANTING TO BE REMOVED
- TOP COURSE OF EXISTING ASPHALT TO BE REMOVED AND REPLACED
- BRICK CURB TO BE REMOVED AND RESTORED IN ORIGINAL LOCATION
- PAVING TO BE REMOVED
- BUILDING

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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

Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

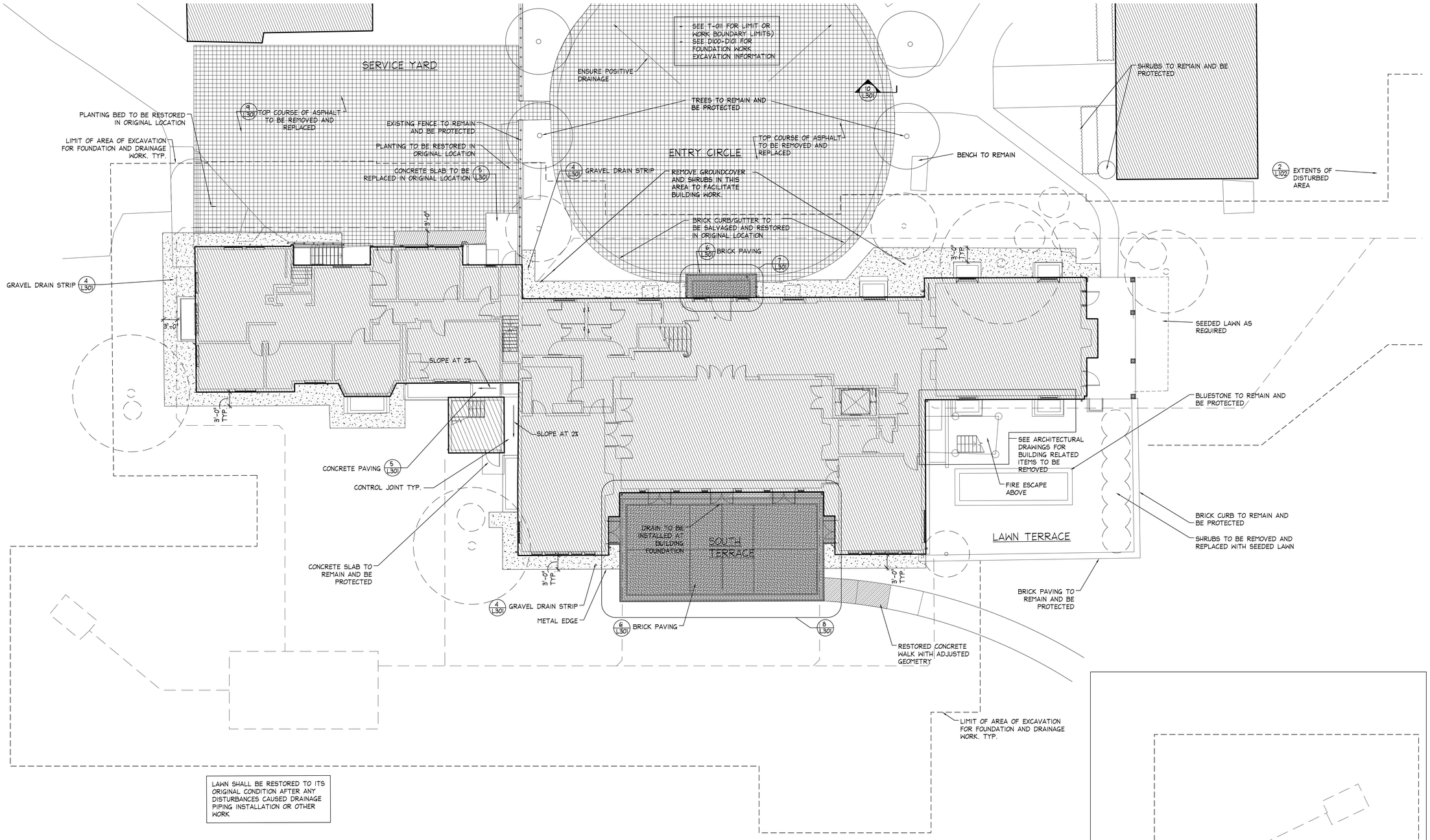
State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
DEMOLITION & TREE PROTECTION PLAN

SCALE:

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
L.101



GENERAL NOTES:

1. THE CONTRACTOR MUST ESTABLISH THE POSITION OF ALL UTILITIES IN THE VICINITY OF THE PROJECT AREA PRIOR TO COMMENCING WORK AND INFORM THE OWNER'S REPRESENTATIVE OF POTENTIAL CONFLICTS.

2. PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE SITE TO FULLY ACQUAINT HIMSELF WITH THE CONDITIONS AS THEY EXIST. HE SHALL ACCEPT THE CONDITIONS AS THEY EXIST AND SHALL INCLUDE ALL WORK SHOWN AND SPECIFIED IN THE CONTRACT DOCUMENTS IN HIS BID.

3. THE CONTRACTOR SHALL ACCEPT FULL RESPONSIBILITY FOR THE PROPER PROTECTION OF EXISTING STRUCTURES, PARTICULARLY EXISTING PAVEMENTS, UTILITIES, WALLS AND PLANTINGS WHICH ARE TO REMAIN DURING CONSTRUCTION AND FOR THE LIFE OF THE CONTRACT. ANY STRUCTURES FOUND TO BE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE DISCRETION OF THE CONSULTANT TO THE COMPLETE SATISFACTION OF THE OWNER AND AT THE CONTRACTOR'S EXPENSE.

PLANTING NOTES:

6. LAWN SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE LAWN AND THE ON-SITE WATER AVAILABILITY. WATER, IF NOT AVAILABLE SHALL BE FURNISHED BY THE CONTRACTOR. ALL HOSES AND EQUIPMENT REQUIRED FOR WATERING SHALL BE FURNISHED BY THE CONTRACTOR AS NEEDED.

8. THE CONTRACTOR SHALL WARRANT THE LAWN FOR A PERIOD OF ONE YEAR AFTER THE DATE OF SUBSTANTIAL COMPLETION. SEE SPECIFICATIONS FOR WARRANTY AND MAINTENANCE REQUIREMENTS.

1 MATERIALS, LAYOUT AND PLANTING PLAN

1" = 10'-0"

LAYOUT NOTES:

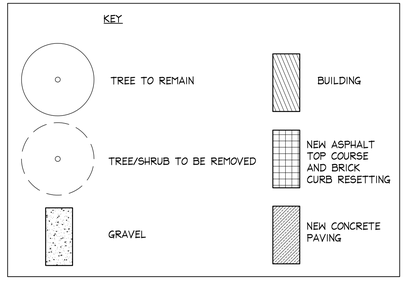
1. USE DIMENSIONAL INFORMATION GIVEN. DO NOT SCALE DRAWINGS.

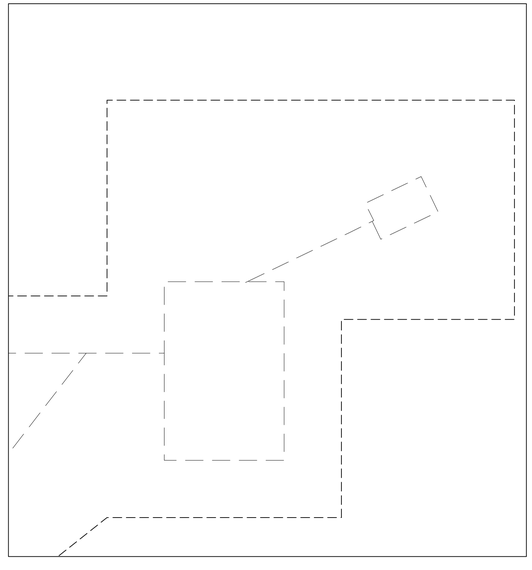
2. ALL DIMENSIONS ARE PERPENDICULAR UNLESS OTHERWISE NOTED.

3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO THE START OF WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANT FOR CLARIFICATION OR RESOLUTION PRIOR TO THE START OF CONSTRUCTION.

4. ALL FEATURES ARE TO BE LAID OUT ON SITE FOR CONSULTANT APPROVAL PRIOR TO THE BEGINNING OF CONSTRUCTION.

5. ALL DIMENSIONS MARKED V.I.F. ARE TO BE CONFIRMED AND APPROVED BY CONSULTANT ON SITE.





2 EXTENTS OF DISTURBED AREA

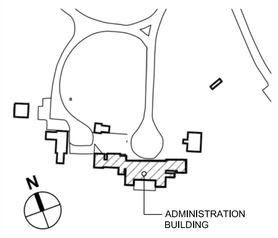
1" = 10'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

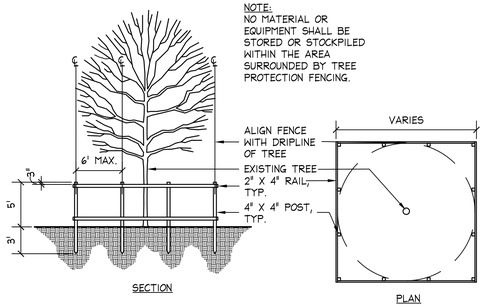
MATERIALS AND LAYOUT PLAN

SCALE:

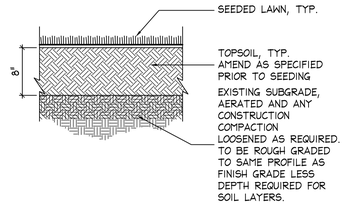
DATE:
10 SEPTEMBER 2024

DRAWING NO.:

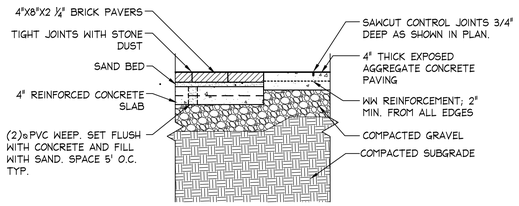
L.102



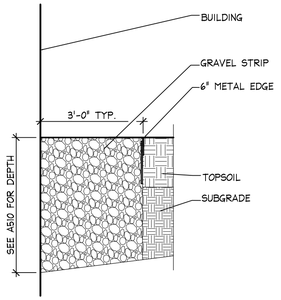
1 TREE PROTECTION FENCE
N.T.S.



2 LAWN PLANTING
N.T.S.

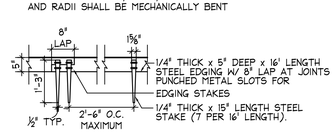


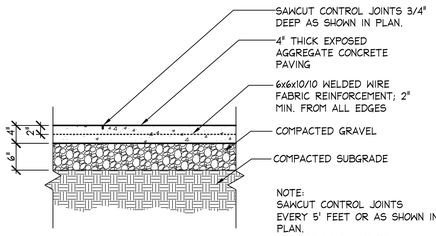
3 CONCRETE AND BRICK PAVING
3/4"=1'-0"



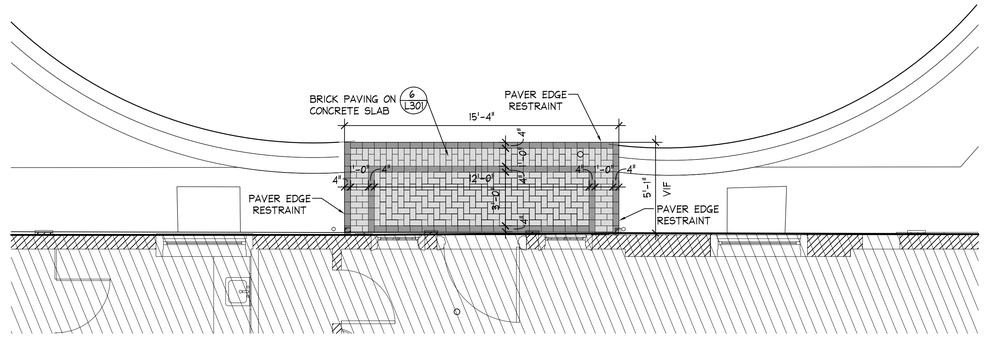
4 GRAVEL DRAINAGE STRIP
N.T.S.

NOTES:
ALL EDGING ANGLES, ARCS, AND RADII SHALL BE MECHANICALLY BENT

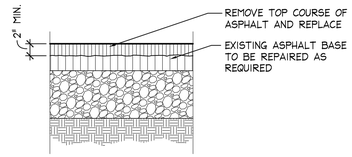




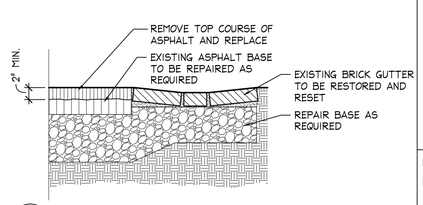
5 CONCRETE PAVING ON GRAVEL BASE
3/4"=1'-0"



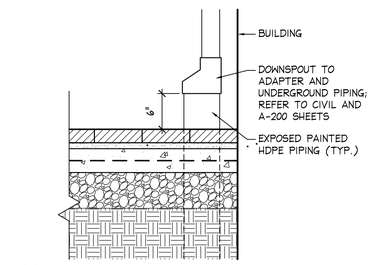
7 ENTRY PAVING PATTERN
1/4"=1'-0"



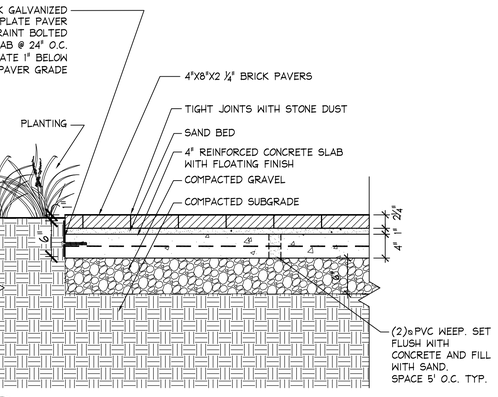
9 REPAVED ASPHALT
1"=1'-0"



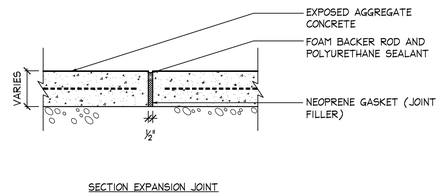
10 REPAVED ASPHALT AT BRICK CURB
1"=1'-0"



11 DOWNSPOUT AND PIPE CONNECTION
1"=1'-0"

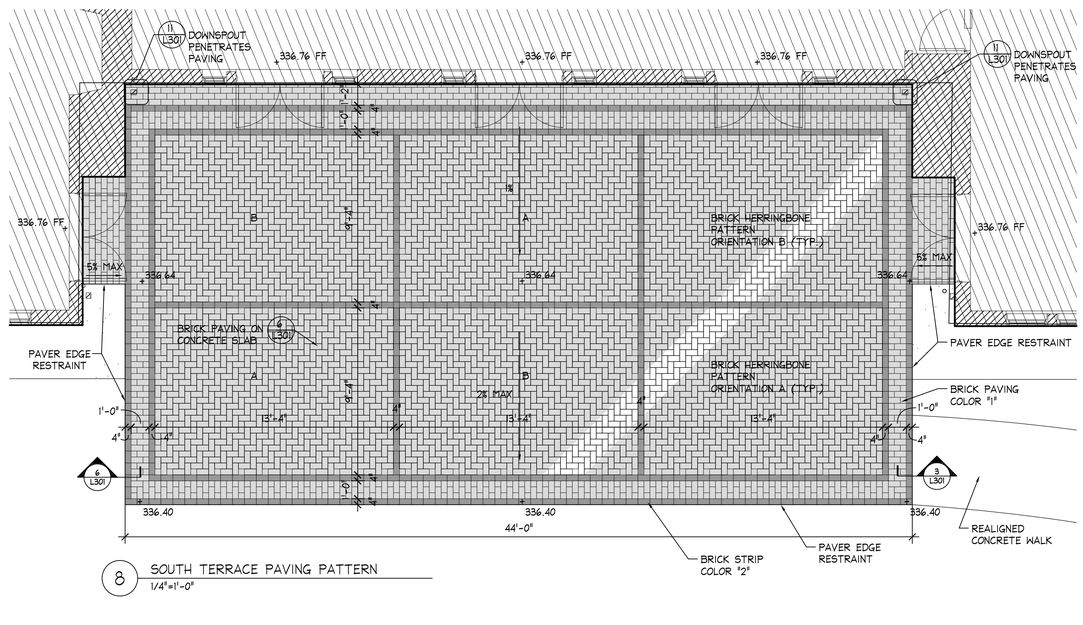


6 BRICK PAVING
1"=1'-0"



SECTION EXPANSION JOINT

9 CONCRETE PAVING EXPANSION JOINTS
1 1/2"=1'-0"

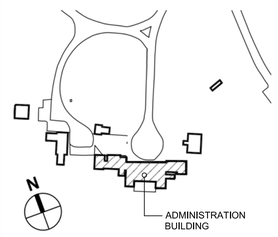


8 SOUTH TERRACE PAVING PATTERN
1/4"=1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

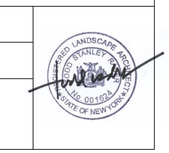
State University College at Purchase
Purchase, NY 10577

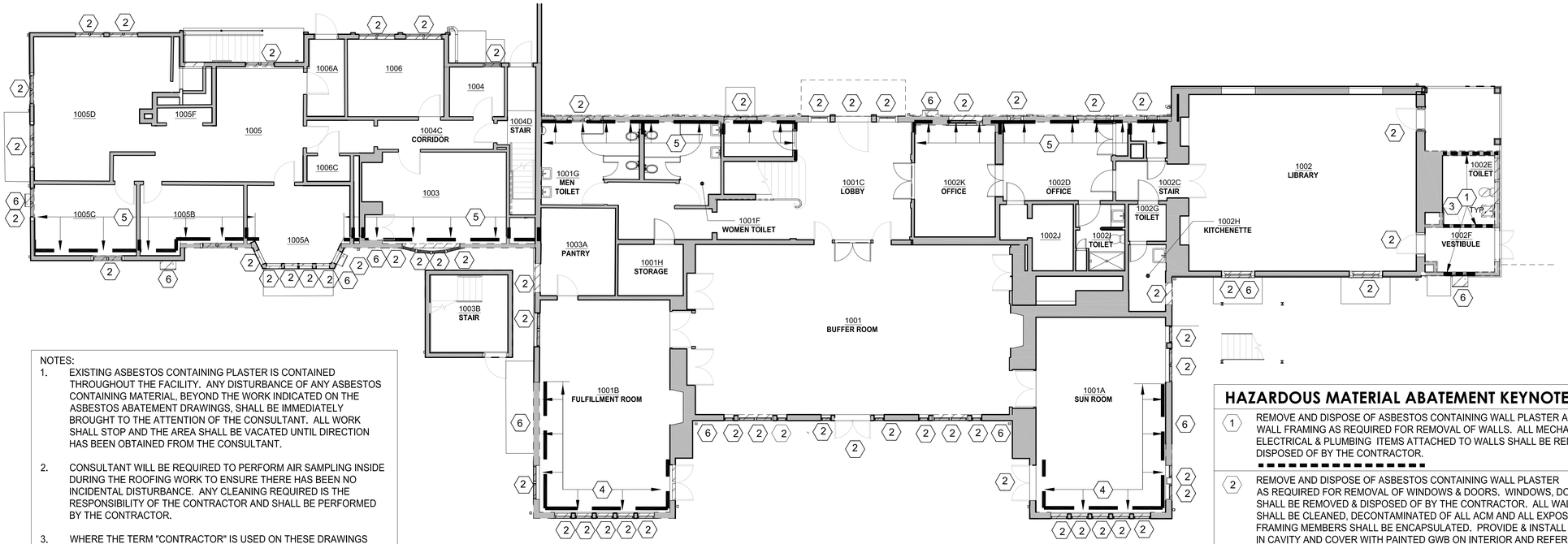
DRAWING TITLE:
DETAILS

SCALE:

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
L.301





NOTES:

1. EXISTING ASBESTOS CONTAINING PLASTER IS CONTAINED THROUGHOUT THE FACILITY. ANY DISTURBANCE OF ANY ASBESTOS CONTAINING MATERIAL, BEYOND THE WORK INDICATED ON THE ASBESTOS ABATEMENT DRAWINGS, SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONSULTANT. ALL WORK SHALL STOP AND THE AREA SHALL BE VACATED UNTIL DIRECTION HAS BEEN OBTAINED FROM THE CONSULTANT.

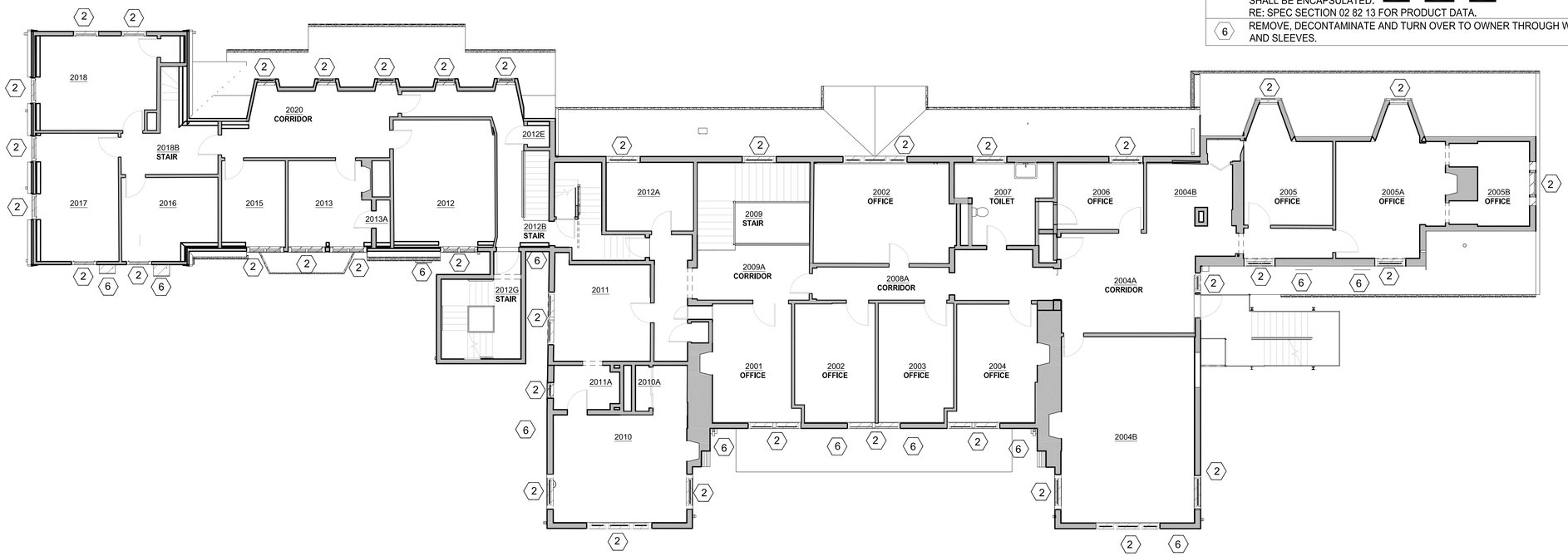
2. CONSULTANT WILL BE REQUIRED TO PERFORM AIR SAMPLING INSIDE DURING THE ROOFING WORK TO ENSURE THERE HAS BEEN NO INCIDENTAL DISTURBANCE. ANY CLEANING REQUIRED IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED BY THE CONTRACTOR.

3. WHERE THE TERM "CONTRACTOR" IS USED ON THESE DRAWINGS AND IN SECTION 02 82 13, THE SAME SHALL BE MEAN A NYS LICENSED ASBESTOS ABATEMENT CONTRACTOR IN COMPLIANCE WITH ALL NYS DOL & DOH LICENSING REQUIREMENTS.

4. WHERE THE TERM "CONSULTANT" IS USED ON THE ASBESTOS ABATEMENT DRAWINGS AND IN SECTION 02 82 13, THE SAME SHALL BE MEAN AN ENVIRONMENTAL CONSULTANT WHOSE PRIMARY BUSINESS AND CERTIFICATIONS ARE IN HAZARDOUS MATERIAL DETECTION, ABATEMENT PLANNING AND REMEDIATION MONITORING FOR ASBESTOS, LEAD, MOLD & PCB'S.

FIRST FLOOR ABATEMENT PLAN

HAZARDOUS MATERIAL ABATEMENT KEYNOTES		QTY.
1	REMOVE AND DISPOSE OF ASBESTOS CONTAINING WALL PLASTER AND WALL FRAMING AS REQUIRED FOR REMOVAL OF WALLS. ALL MECHANICAL, ELECTRICAL & PLUMBING ITEMS ATTACHED TO WALLS SHALL BE REMOVED & DISPOSED OF BY THE CONTRACTOR.	600 SQ. FT.
2	REMOVE AND DISPOSE OF ASBESTOS CONTAINING WALL PLASTER AS REQUIRED FOR REMOVAL OF WINDOWS & DOORS. WINDOWS, DOORS & TRIM SHALL BE REMOVED & DISPOSED OF BY THE CONTRACTOR. ALL WALL CAVITIES SHALL BE CLEANED, DECONTAMINATED OF ALL ACM AND ALL EXPOSED WOOD FRAMING MEMBERS SHALL BE ENCAPSULATED. PROVIDE & INSTALL BATT INSULATION IN CAVITY AND COVER WITH PAINTED GWB ON INTERIOR AND REFER TO ARCHITECTURAL DRAWINGS FOR EXTERIOR RESTORATION	1,920 SQ. FT.
3	REMOVE AND DISPOSE OF ASBESTOS CONTAINING CEILING PLASTER AND ALL CEILING MOUNTED ITEMS (IE: LIGHTING, REGISTERS/DIFFUSERS, FIRE ALARM DEVICES AND THE LIKE)	5,700 SQ. FT.
4	REMOVE AND DISPOSE OF WOOD WALL PANELS, MOLDINGS & UNDERLYING ASBESTOS CONTAINING WALL PLASTER AND CAVITY INSULATIONS AS REQUIRED FOR THE REMOVAL / REPLACEMENT OF WALL FRAMING. ALL EXPOSED WALL CAVITIES SHALL BE CLEANED, DECONTAMINATED OF ALL ACM AND ALL EXPOSED WOOD FRAMING MEMBERS SHALL BE ENCAPSULATED. RE: SPEC SECTION 02 82 13 FOR PRODUCT DATA.	900 SQ. FT.
5	REMOVE AND DISPOSE OF ASBESTOS CONTAINING WALL PLASTER, MOLDINGS AND CAVITY INSULATIONS AS REQUIRED FOR THE REMOVAL/REPLACEMENT OF WALL FRAMING. ALL EXPOSED WALL CAVITIES SHALL BE CLEANED, DECONTAMINATED OF ALL ACM AND ALL EXPOSED WOOD FRAMING MEMBERS SHALL BE ENCAPSULATED. RE: SPEC SECTION 02 82 13 FOR PRODUCT DATA.	1,700 SQ. FT.
6	REMOVE, DECONTAMINATE AND TURN OVER TO OWNER THROUGH WALL A/C UNITS AND SLEEVES.	25 UNITS



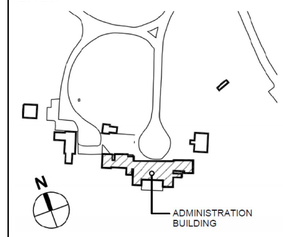
SECOND FLOOR ABATEMENT PLAN

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

ASBESTOS ABATEMENT PLAN - FIRST & SECOND FLOORS

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

DATE:
10 SEPTEMBER 2024

DRAWING NO.:

AA100

REGISTERED ARCHITECT
PAUL RICHARD DAVIS
027811
STATE OF NEW YORK

REGISTRATION EXPIRES:
08/31/2026

NOTES:

1. EXISTING ASBESTOS CONTAINING PLASTER IS CONTAINED THROUGHOUT THE FACILITY. ANY DISTURBANCE OF ANY ASBESTOS CONTAINING MATERIAL, BEYOND THE WORK INDICATED ON THE ASBESTOS ABATEMENT DRAWINGS, SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONSULTANT. ALL WORK SHALL STOP AND THE AREA SHALL BE VACATED UNTIL DIRECTION HAS BEEN OBTAINED FROM THE CONSULTANT.

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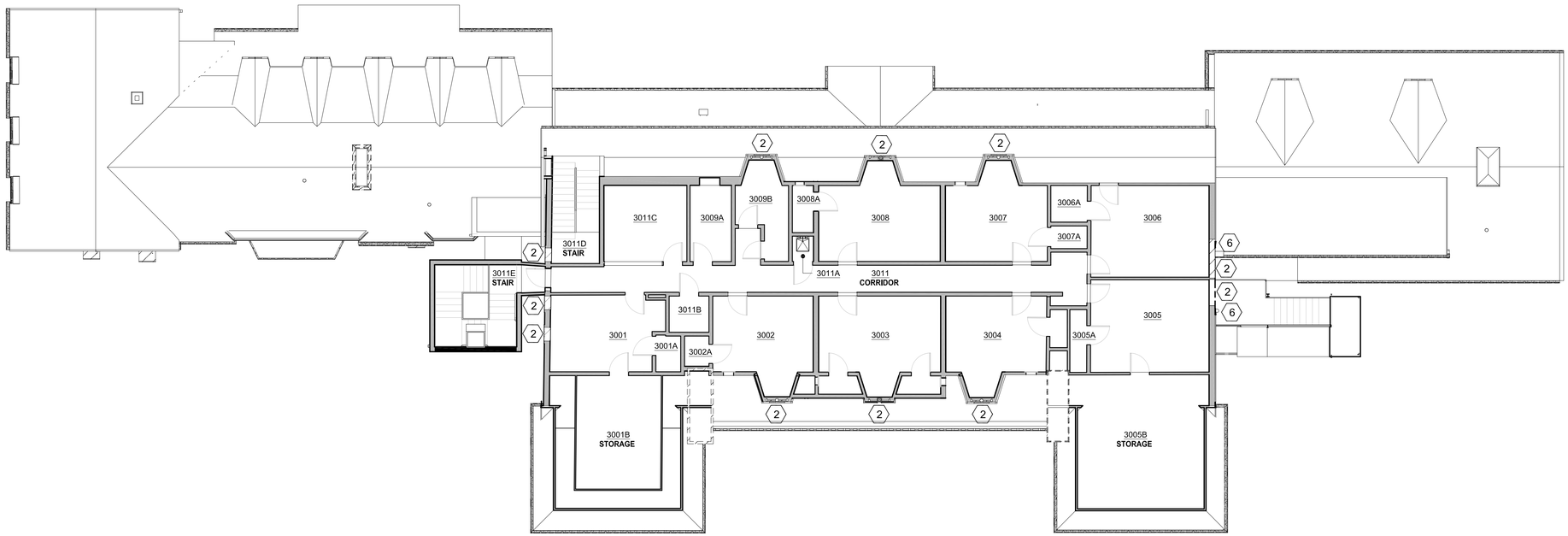
HAZARDOUS MATERIAL ABATEMENT KEYNOTES		QTY.
1	REMOVE AND DISPOSE OF ASBESTOS CONTAINING WALL PLASTER AND WALL FRAMING AS REQUIRED FOR REMOVAL OF WALLS. ALL MECHANICAL, ELECTRICAL & PLUMBING ITEMS ATTACHED TO WALLS SHALL BE REMOVED & DISPOSED OF BY THE CONTRACTOR.	600 SQ. FT.
2	REMOVE AND DISPOSE OF ASBESTOS CONTAINING WALL PLASTER AS REQUIRED FOR REMOVAL OF WINDOWS & DOORS. WINDOWS, DOORS & TRIM SHALL BE REMOVED & DISPOSED OF BY THE CONTRACTOR. ALL WALL CAVITIES SHALL BE CLEANED, DECONTAMINATED OF ALL ACM AND ALL EXPOSED WOOD FRAMING MEMBERS SHALL BE ENCAPSULATED. PROVIDE & INSTALL BATT INSULATION IN CAVITY AND COVER WITH PAINTED GWB ON INTERIOR AND REFER TO ARCHITECTURAL DRAWINGS FOR EXTERIOR RESTORATION	1,920 SQ. FT.
3	REMOVE AND DISPOSE OF ASBESTOS CONTAINING CEILING PLASTER AND ALL CEILING MOUNTED ITEMS (IE: LIGHTING, REGISTERS/DIFFUSERS, FIRE ALARM DEVICES AND THE LIKE)	5,700 SQ. FT.
4	REMOVE AND DISPOSE OF WOOD WALL PANELS, MOLDINGS & UNDERLYING ASBESTOS CONTAINING WALL PLASTER AND CAVITY INSULATIONS AS REQUIRED FOR THE REMOVAL / REPLACEMENT OF WALL FRAMING. ALL EXPOSED WALL CAVITIES SHALL BE CLEANED, DECONTAMINATED OF ALL ACM AND ALL EXPOSED WOOD FRAMING MEMBERS SHALL BE ENCAPSULATED. RE: SPEC SECTION 02 82 13 FOR PRODUCT DATA.	900 SQ. FT.
5	REMOVE AND DISPOSE OF ASBESTOS CONTAINING WALL PLASTER, MOLDINGS AND CAVITY INSULATIONS AS REQUIRED FOR THE REMOVAL/REPLACEMENT OF WALL FRAMING. ALL EXPOSED WALL CAVITIES SHALL BE CLEANED, DECONTAMINATED OF ALL ACM AND ALL EXPOSED WOOD FRAMING MEMBERS SHALL BE ENCAPSULATED. RE: SPEC SECTION 02 82 13 FOR PRODUCT DATA.	1,700 SQ. FT.
6	REMOVE, DECONTAMINATE AND TURN OVER TO OWNER THROUGH WALL A/C UNITS AND SLEEVES.	25 UNITS



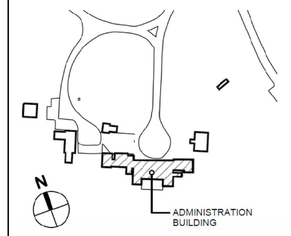
THIRD FLOOR ABATEMENT PLAN

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

ASBESTOS ABATEMENT PLAN - THIRD FLOOR

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

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
AA101

REGISTERED ARCHITECT
PAUL RICHARD DAVIS
027811
STATE OF NEW YORK

REGISTRATION EXPIRES:
08/31/2026

DEMOLITION KEY TAGS:
SEE PHOTO(S) & ELEVATIONS ON D000-SHEETS.

S1. EXCAVATION AT BUILDING PERIMETER AS INDICATED FOR WATERPROOFING AT FOUNDATION WALLS (SEE A510)

S2. REMOVE ASHPALT PAVING.

S3. REMOVE BRICK & MORTAR BED.

S4. PROTECT BRICK PAVERS TO REMAIN.

W1. WINDOW REMOVAL & REPLACEMENT (SEE A200s & A600s FOR FULL SCOPE)

W2. DOOR REMOVAL & REPLACEMENT (SEE A200s & A600s FOR FULL SCOPE)

W3. SEAL WALL AFTER WINDOW REMOVAL (SEE A200s & A600s FOR FULL SCOPE)

W4. REMOVE AREAWAY COVER & UNDERLYING FRAMING (ASPHALT SHINGLE), TYP.

W5. PROTECT AWNING TO REMAIN (APPROXIMATELY AT 2ND FL ELEVATION).

F1. REMOVE FLOOR FINISH & CEILING/SOFFIT ABOVE.

F2. REMOVE INTERIOR WALL & CEILING TO PERFORM EXTERIOR STUD REPLACEMENT (SEE AA-SHEETS & S-SHEETS FOR FULL SCOPE).

M1. REFER TO MECHANICAL DRAWINGS FOR WINDOW A/C REMOVALS.

M2. PROTECT FUEL TANK & VENT TO REMAIN.
REMOVE, SALVAGE, AND REINSTALL SIGN.
REMOVE & REPLACE COVER WITH PAINTED MARINE GRADE PLYWOOD.

M3. REMOVE & REINSTALL RADIATOR. REPLACE GRILLE IN MATCHING PERFORATION & FINISH. SEE MD101 FOR MECH NOTES.

E1. REMOVE/REINSTALL EMERGENCY BLUE LIGHT BOX.

E2. REMOVE/REINSTALL SCONCE LIGHT FIXTURE (SEE D001 PHOTOS)

E3. REMOVE/REINSTALL BASEBOARD HEATER.

P1. REFER TO PLUMBING DRAWINGS FOR FIXTURE REMOVALS.

P2. REMOVE & REINSTALL PLUMBING FIXTURE.

FA1. REMOVE & REINSTALL PULL STATION (SEE D001 PHOTOS)

EXTERIOR

S1: BUILDING PERIMETER VARIES (LANDSCAPE, HARDSCAPE, AREAWAYS)


S2: ASPHALT AT NORTH


S3-NORTH: BRICK AT NORTH PORCH


S3-SOUTH: BRICK AT SOUTH PORCH (PROTECT CONCRETE WALKWAY TO REMAIN)


S4-EAST: BRICK & PAVING AT EAST PORCH


S4: BRICK GUTTER AT NORTH


M2: FUEL CONNECTION, VENT, SIGN

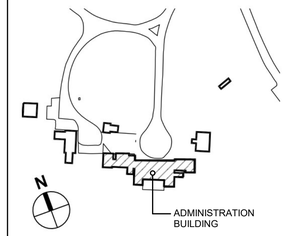
E1: EMERGENCY BLUE LIGHT


PROTECT CONCRETE WALKWAY TO REMAIN

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
PHOTOGRAPHS

SCALE:
As indicated

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
D000

REGISTERED ARCHITECT
MICHAEL A. NEIMAN
STATE OF NEW YORK

NOTE:
SEE D100 PLANS FOR GENERAL DEMOLITION, REMOVALS, AND REPAIR NOTES.

LOBBY (1001C):
1. REPLACE COMPONENTS AT EXTERIOR STUD REPLACEMENT:
   a. **CROWN MOLDING** (PLASTER PER PHOTOS)
   b. **TRIM** (WOOD)
   c. **BASEBOARD** (WOOD)
   d. **PILASTERS, RECTANGULAR MOLDING** (WOOD)
   e. **SILLS** (WOOD AT SIDELIGHTS, ALUM AT DOOR)

2. WALL: NEW GYP BD & PAINT.

3. CEILING: PER D100 PLANS, REPAIR NOTE #1.

4. FLOOR: REPAIR/REPLACE IF IMPACTED ALONG EXTERIOR WALL.

5. REMOVE & REINSTALL COMPONENTS:
   a. (2) LIGHT FIXTURES - SCONCES
   b. FIRE ALARM PULL STATION

OFFICE (1002K):
1. REPLACE COMPONENTS AT EXTERIOR STUD REPLACEMENT:
   a. **CROWN MOLDING** (PLASTER PER PHOTOS)
   b. **TRIM** (WOOD)
   c. **BASEBOARD** (WOOD)
   d. **PILASTERS, RECTANGULAR MOLDING** (WOOD)
   e. **SILL** (WOOD)
   f. **RADIATOR CLOSURE** (WOOD, METAL)

2. WALL: NEW GYP BD & PAINT.

3. CEILING: PER D100 PLANS, REPAIR NOTE #1.

4. FLOOR: REPAIR/REPLACE IF IMPACTED ALONG EXTERIOR WALL.

5. WINDOW SHADES: SALVAGE & REINSTALL; COORDINATING WINDOW SURROUNDS TO ACCEPT SAME WIDTH.

OFFICE (1002D):
1. REPLACE COMPONENTS AT EXTERIOR STUD REPLACEMENT:
   a. **TRIM** (WOOD)
   b. **BASEBOARD** (WOOD)
   c. **SILL** (WOOD)

2. WALL:
   a. NEW GYP BD & PAINT.
   b. NEW RUBBER BASE IN SAME COLOR & HEIGHT AS EXISTING.

3. CEILING PER D100 PLANS, REPAIR NOTE #1.

4. FLOOR: REPAIR/REPLACE IF IMPACTED ALONG EXTERIOR WALL.

5. WINDOW SHADES: SALVAGE & REINSTALL; COORDINATING WINDOW SURROUNDS TO ACCEPT SAME WIDTH.

MEN TOILET (1001G):
1. REMOVE & REINSTALL COMPONENTS:
   a. TOILET COMPARTMENT
   b. TOILET PAPER DISPENSER
   c. EXHAUST FAN THROUGH WALL
   d. URINAL

2. WALL:
   a. NEW GYP BD & PAINT.
   b. NEW RUBBER BASE IN SAME COLOR & HEIGHT AS EXISTING.

3. CEILING PER D100 PLANS, REPAIR NOTE #1.

4. WINDOW SHADES: SALVAGE & REINSTALL; COORDINATING WINDOW SURROUNDS TO ACCEPT SAME WIDTH.

WOMEN TOILET (1001F):
1. REMOVE & REINSTALL COMPONENTS:
   a. TOILET COMPARTMENT
   b. TOILET PAPER DISPENSER
   c. WASTE BIN AT WALL
   d. MIRROR AT NORTH WALL
   e. MIRROR WITH LIGHTING AT EAST WALL

2. WALL:
   a. NEW GYP BD & PAINT.
   b. NEW RUBBER BASE IN SAME COLOR & HEIGHT AS EXISTING.

3. CEILING: PER D100 PLANS, REPAIR NOTE #1.

4. WINDOW SHADES: SALVAGE & REINSTALL; COORDINATING WINDOW SURROUNDS TO ACCEPT SAME WIDTH.

LOBBY

LIGHT FIXTURES NEXT TO SIDELIGHTS (SCONCES), FIRE ALARM PULL STATION (NEXT TO DOOR LEVER)

MEN TOILET

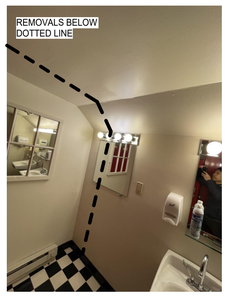
TOILET COMPARTMENT AGAINST NORTH WALL

PAPER DISPENSER, EXHAUST FAN AT NORTH

URINAL BY NORTH WALL

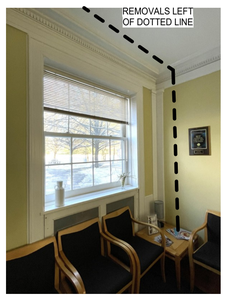
WOMEN TOILET

TOILET PAPER DISPENSER, WASTE BIN AT WALL



MIRROR AT NORTH & EAST WALLS

OFFICE 1002K



NORTH WALL

RADIATOR WITH WOOD CLOSURE & METAL GRILLE

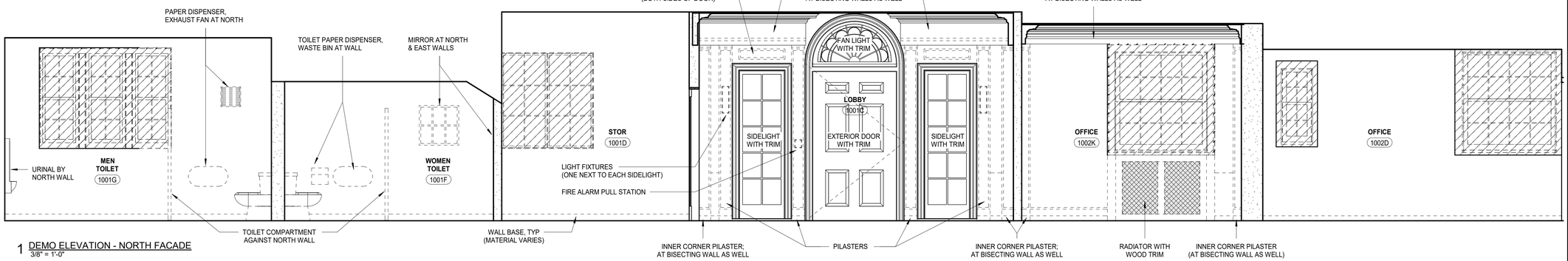
BASEBOARD (APPROX 8"H)

INNER CORNER PILASTER (APPROX 5"W)

CROWN MOLDING, AND TOP OF PILASTER

CROWN MOLDING (APPROX 8"H TO DENTILS)

WINDOW JAMB (APPROX 6"W)



1 DEMO ELEVATION - NORTH FACADE
3/8" = 1'-0"

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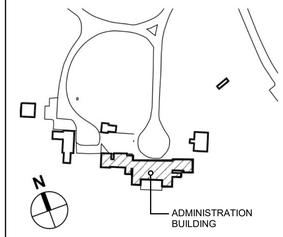

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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
PHOTOGRAPHS & ELEVATIONS

SCALE:
As indicated

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
D001

REGISTERED ARCHITECT
MICHAEL A. NIEWIADOMSKI
018838
STATE OF NEW YORK

NOTE:
SEE D100 PLANS FOR GENERAL DEMOLITION, REMOVALS, AND REPAIR NOTES.

SUN ROOM (1001A) & FULFILLMENT ROOM (1001B):

1. REPLACE COMPONENTS AT EXTERIOR STUD REPLACEMENT:

   a. **WALL**: GYP BD BENEATH PANELING.
   b. **CROWN MOLDING** (WOOD OR PLASTER PER PHOTOS)
   c. **TRIM & SILL** (WOOD)
   d. **BASEBOARD** (WOOD)
   e. **PANELING, STILES, RAILS, MOLDING** (WOOD)
      - *REPLACE ALL PLYWOOD PANELS IN SCOPE OF WORK.*
   f. **RADIATOR CLOSURE** (WOOD, METAL) - *IN FULLFILLMENT ROOM*

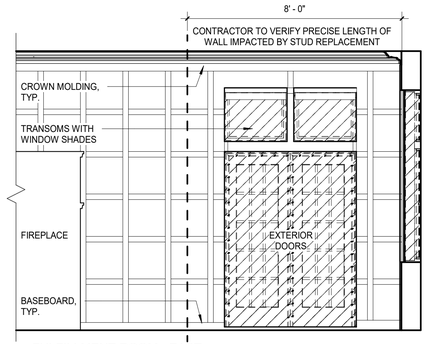
2. WHERE STUD REPLACMENT TERMINATES WITHIN THE SPAN OF A COMPONENT,

   a. **CROWN MOLDING, AND BASEBOARD**: CUT TO RECEIVE NEW MATCHING, ABUTTING PIECE.
   b. **RAILS**: CUT TO RECEIVE NEW MATCHING, ABUTTING PIECE.
   c. **PANEL (BENEATH RAILS/STILES)**: REMOVE FULLY, FOR REPLACEMENT TOWARDS NEXT STILE.
   d. **PANEL MOLDING (RECTANGLE PROFILES)**: REMOVE FULL HORIZONTAL PIECE, AND UNDERLYING PANEL.

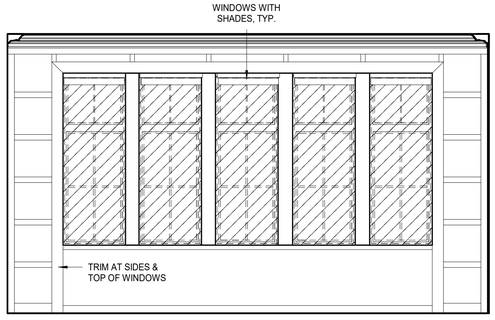
3. CEILING: PER D100 PLANS, REPAIR NOTE #1.

4. FLOOR: CLEAN IF IMPACTED ALONG EXTERIOR WALL.
   - PORCELAIN TILE AT #1001A
   - CARPET AT #1001B

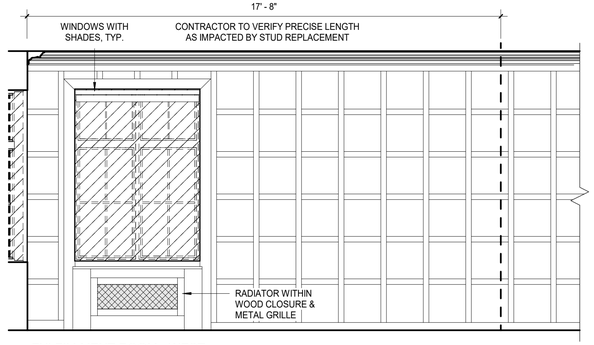
5. WINDOW SHADES: SALVAGE & REINSTALL; COORDINATING WINDOW SURROUNDS TO ACCEPT SAME WIDTH.



1 FULFILLMENT ROOM - EAST
3/8" = 1'-0"



2 FULFILLMENT ROOM - SOUTH
3/8" = 1'-0"

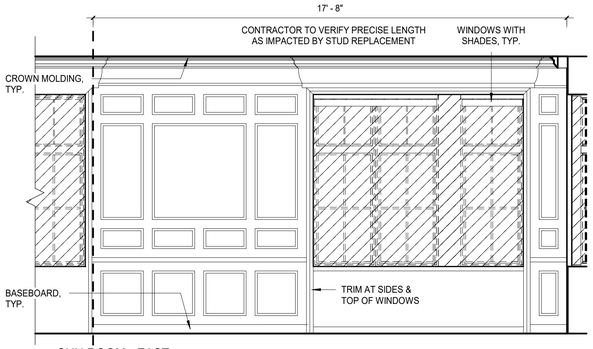


3 FULFILLMENT ROOM - WEST
3/8" = 1'-0"

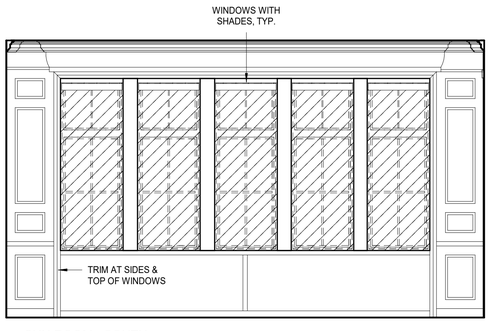
FULFILLMENT ROOM, EAST WALL

FULFILLMENT ROOM, SOUTH WALL

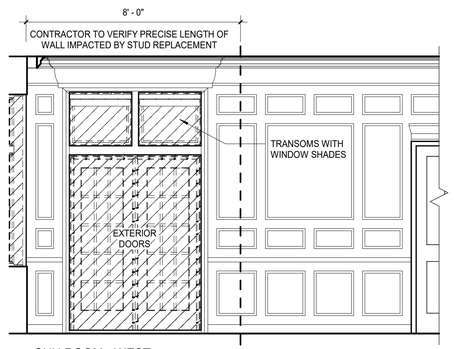
FULFILLMENT ROOM, WEST WALL



4 SUN ROOM - EAST
3/8" = 1'-0"



5 SUN ROOM - SOUTH
3/8" = 1'-0"



6 SUN ROOM - WEST
3/8" = 1'-0"

SUN ROOM, EAST WALL

SUN ROOM, SOUTH WALL

SUN ROOM, WEST WALL

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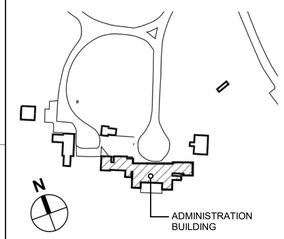

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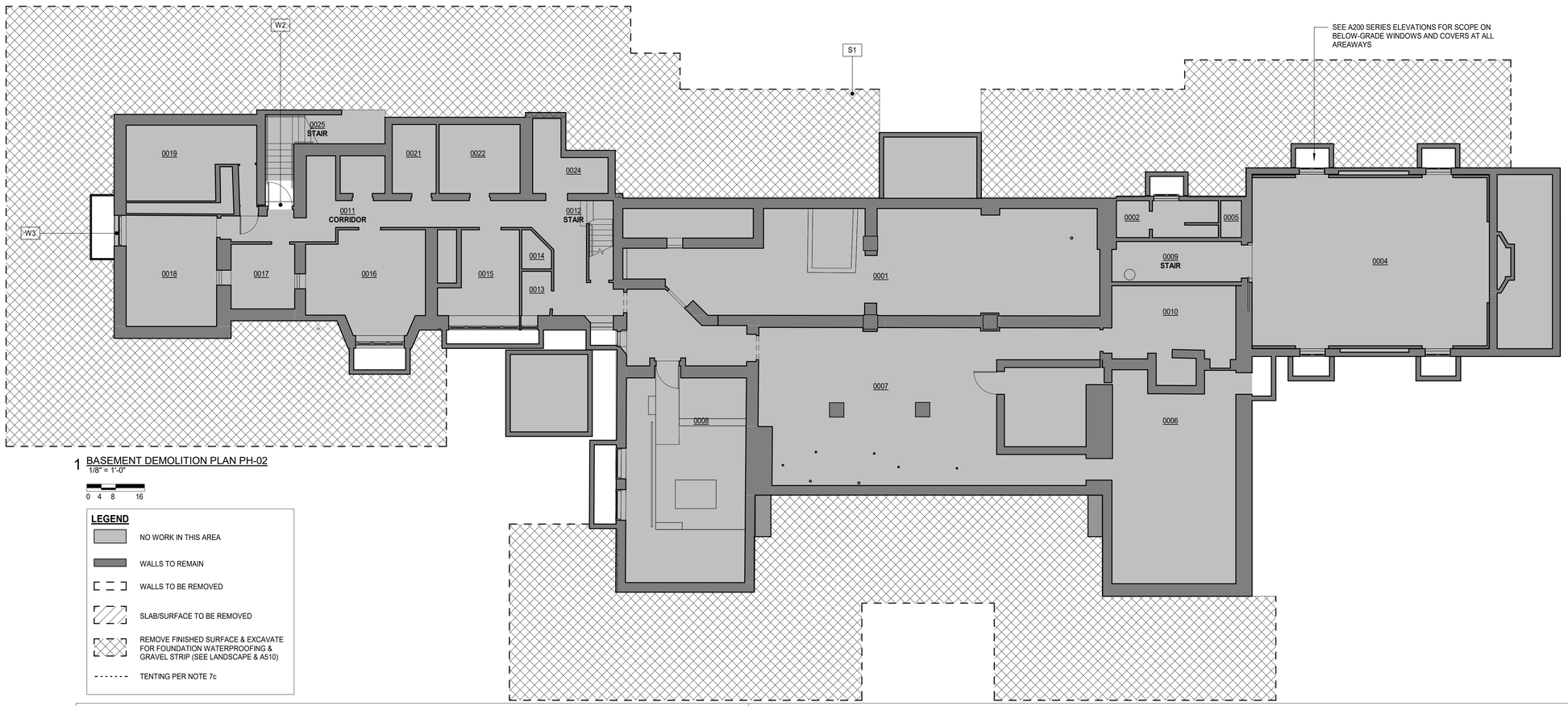
REGISTERED ARCHITECT
MICHAEL A. NIEMAN
018939
STATE OF NEW YORK



1 BASEMENT DEMOLITION PLAN PH-02
1/8" = 1'-0"

0 4 8 16

LEGEND

- NO WORK IN THIS AREA
- WALLS TO REMAIN
- WALLS TO BE REMOVED
- SLAB/SURFACE TO BE REMOVED
- REMOVE FINISHED SURFACE & EXCAVATE FOR FOUNDATION WATERPROOFING & GRAVEL STRIP (SEE LANDSCAPE & A510)
- TENTING PER NOTE 7c

DEMOLITION KEY TAGS:
SEE PHOTO(S) & ELEVATIONS ON D000-SHEETS.

S1. EXCAVATION AT BUILDING PERIMETER AS INDICATED FOR WATERPROOFING AT FOUNDATION WALLS (SEE A510)

S2. REMOVE ASHPALT PAVING.

S3. REMOVE BRICK & MORTAR BED.

S4. PROTECT BRICK PAVERS TO REMAIN.

W1. WINDOW REMOVAL & REPLACEMENT (SEE A200s & A600s FOR FULL SCOPE)

W2. DOOR REMOVAL & REPLACEMENT (SEE A200s & A600s FOR FULL SCOPE)

W3. SEAL WALL AFTER WINDOW REMOVAL (SEE A200s & A600s FOR FULL SCOPE)

W4. REMOVE AREAWAY COVER & UNDERLYING FRAMING (ASPHALT SHINGLE), TYP.

W5. PROTECT AWNING TO REMAIN (APPROXIMATELY AT 2ND FL ELEVATION).

F1. REMOVE FLOOR FINISH & CEILING/SOFFIT ABOVE.

F2. REMOVE INTERIOR WALL & CEILING TO PERFORM EXTERIOR STUD REPLACEMENT (SEE AA-SHEETS & S-SHEETS FOR FULL SCOPE).

M1. REFER TO MECHANICAL DRAWINGS FOR WINDOW A/C REMOVALS.

M2. PROTECT FUEL TANK & VENT TO REMAIN.
REMOVE, SALVAGE, AND REINSTALL SIGN.
REMOVE & REPLACE COVER WITH PAINTED MARINE GRADE PLYWOOD.

M3. REMOVE & REINSTALL RADIATOR. REPLACE GRILLE IN MATCHING PERFORATION & FINISH.
SEE MD101 FOR MECH NOTES.

E1. REMOVE/REINSTALL EMERGENCY BLUE LIGHT BOX.

E2. REMOVE/REINSTALL SCONCE LIGHT FIXTURE (SEE D001 PHOTOS)

E3. REMOVE/REINSTALL BASEBOARD HEATER.

P1. REFER TO PLUMBING DRAWINGS FOR FIXTURE REMOVALS.

P2. REMOVE & REINSTALL PLUMBING FIXTURE.

FA1. REMOVE & REINSTALL PULL STATION (SEE D001 PHOTOS)

GENERAL DEMOLITION NOTES:

1. 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 CONSULTANT OF THESE DISCREPANCIES PRIOR TO COMMENCING THE WORK.

2. OWNER HAS TESTED SUSPECTED ASBESTOS - CONTAINING MATERIALS (ACM). REMOVAL OF ACM WITHIN THE AREA OF NEW WORK, BEYOND THE EXTENT SHOWN ON THE AA-DRAWINGS, IS NOT INCLUDED IN THIS CONTRACT. IF SUSPECT ACM'S, ARE ENCOUNTERED DURING THE COURSE OF THE WORK, NOTIFY THE CONSULTANT FOR TESTING / REMOVAL.

3. REFER TO D100 PLANS FOR FULL REMOVAL SCOPE.

4. REFER TO AA-SHEETS FOR ABATEMENT SCOPE.

5. REFER TO S-SHEETS FOR EXTERIOR STUD REPLACEMENT.
   a. CONTRACTOR TO VERIFY PRECISE LENGTH OF WALL IMPACTED BY STUD REPLACEMENT.

6. REFER TO A100 PLANS, A200 ELEVATIONS, AND A600 SCHEDULES/DETAILS FOR EXTERIOR DOOR & WINDOWS.
   a. WINDOW SHADES: SALVAGE & REINSTALL; COORDINATING WINDOW SURROUNDS TO ACCEPT SAME WIDTH.
   b. WHERE WINDOWS OPENINGS REDUCED OR SEALED: INSTALL GYP BD & COMPOUND/TAPE FOR SMOOTH FINISH WITH ADJACENT PLASTER. PAINT TO MATCH EXISTING.

7. **PROTECT** FINISHED SURFACES, FIXTURES, FURNISHINGS BEYOND THE AREA OF WORK.
   a. HARD PROTECTION AT WOOD FLOORING, STAIR TREADS & RISERS.
   b. PAPER PROTECTION AT PORCELAIN TILE, CARPET FLOORING.
   c. TENT INTERIOR +/- 3 FEET FROM THE AREA OF WORK (I.E. ALONG EXTERIOR WALL REPAIRS). ADHERE & SEAL EDGES OF TENTING TO SUPPORT ABATEMENT AND DUST MITIGATION.

8. VERIFY AND PROTECT EXISTING UTILITIES WITHIN AREA OF WORK (I.E. BELOW GRADE AT FRONT OF BUIDLING)

9. AREAWAY COVER REMOVALS SHOULD CONSIDER SEQUENCING OF EXCAVATION TO PREVENT DUST & DEBRIS. PROVIDE TEMPORARY COVERING IF EXCAVATION OCCURS AFTER REMOVALS.

REMOVAL NOTES:

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

2. 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.

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

4 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.

5. 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.

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

7. REMOVE AND SALVAGE ITEMS WHERE INDICATED. CLEAN AND REPAIR PRIOR TO REINSTALLING.

REPAIR NOTES:

1. **CEILINGS**: WHERE ALONG EXTERIOR WALLS TO RECEIVE STUD REPLACMENT, REPLACE 1-FT WIDTH, WITH GYP BD & COMPOUND/TAPE FOR SMOOTH FINISH WITH ADJACENT PLASTER. PAINT TO MATCH EXISTING.

2. **CLEAN** EXISTING WALLS, FLOORS, CEILINGS, AND FIXTURES FOLLOWING DUST-GENERATING ACTIVITIES, ONCE FACADE IS WEATHERTIGHT, AND PRIOR TO ANY PAINTING.

3. 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).

4. 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.

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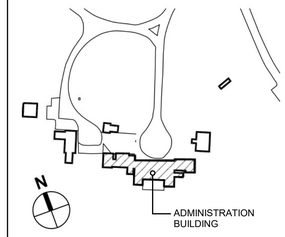

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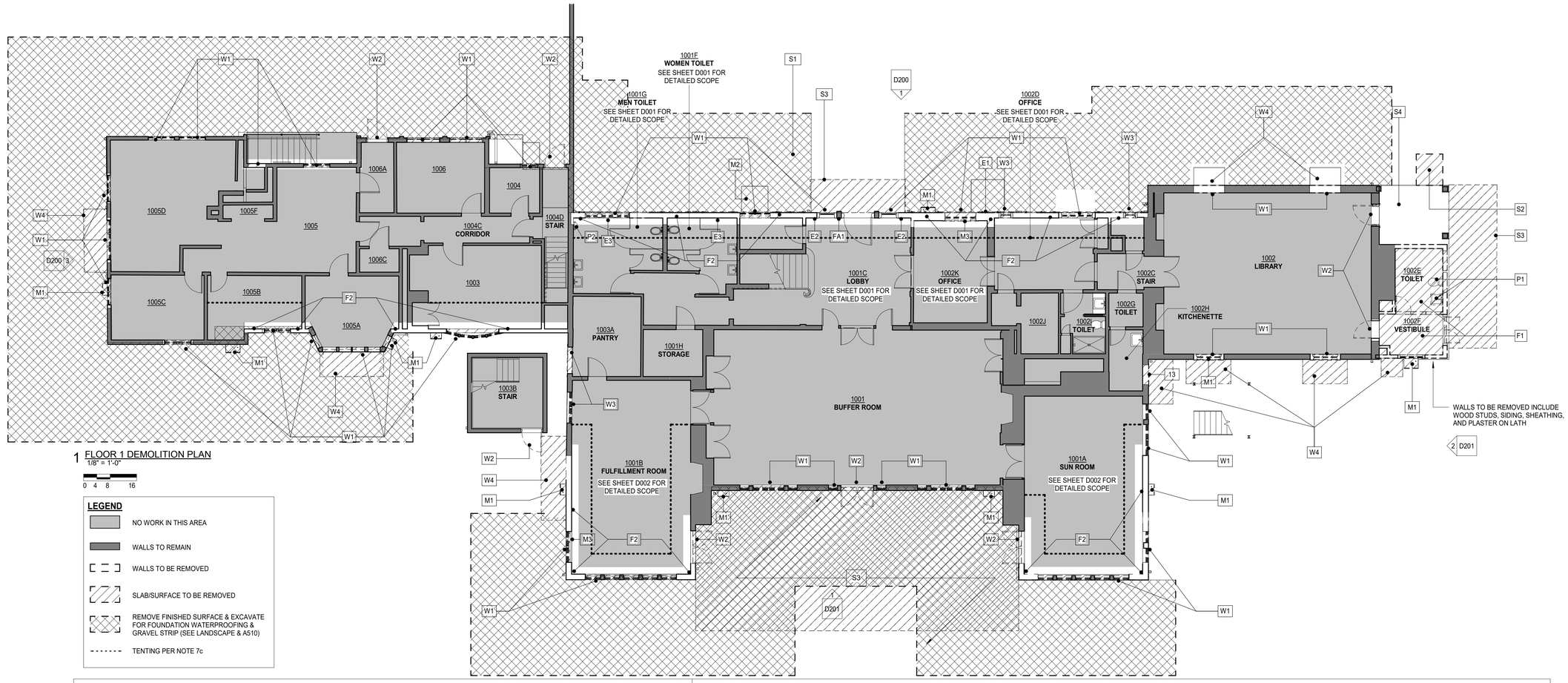

1 FLOOR 1 DEMOLITION PLAN
1/8" = 1'-0"

0 4 8 16

LEGEND

- NO WORK IN THIS AREA
- WALLS TO REMAIN
- WALLS TO BE REMOVED
- SLAB/SURFACE TO BE REMOVED
- REMOVE FINISHED SURFACE & EXCAVATE FOR FOUNDATION WATERPROOFING & GRAVEL STRIP (SEE LANDSCAPE & A510)
- TENTING PER NOTE 7c

DEMOLITION KEY TAGS:
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a. CONTRACTOR TO VERIFY PRECISE LENGTH OF WALL IMPACTED BY STUD REPLACEMENT.

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a. WINDOW SHADES: SALVAGE & REINSTALL; COORDINATING WINDOW SURROUNDS TO ACCEPT SAME WIDTH.
b. WHERE WINDOWS OPENINGS REDUCED OR SEALED: INSTALL GYP BD & COMPOUND/TAPE FOR SMOOTH FINISH WITH ADJACENT PLASTER. PAINT TO MATCH EXISTING.

7. **PROTECT** FINISHED SURFACES, FIXTURES, FURNISHINGS BEYOND THE AREA OF WORK.
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6.PROVIDE TEMPORARY SHORING / BRACING / SUPPORTS AS REQUIRED FOR THE COMPLETION OF THE WORK.

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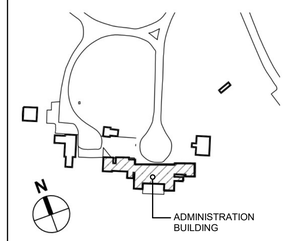

PROJECT TEAM:

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

Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

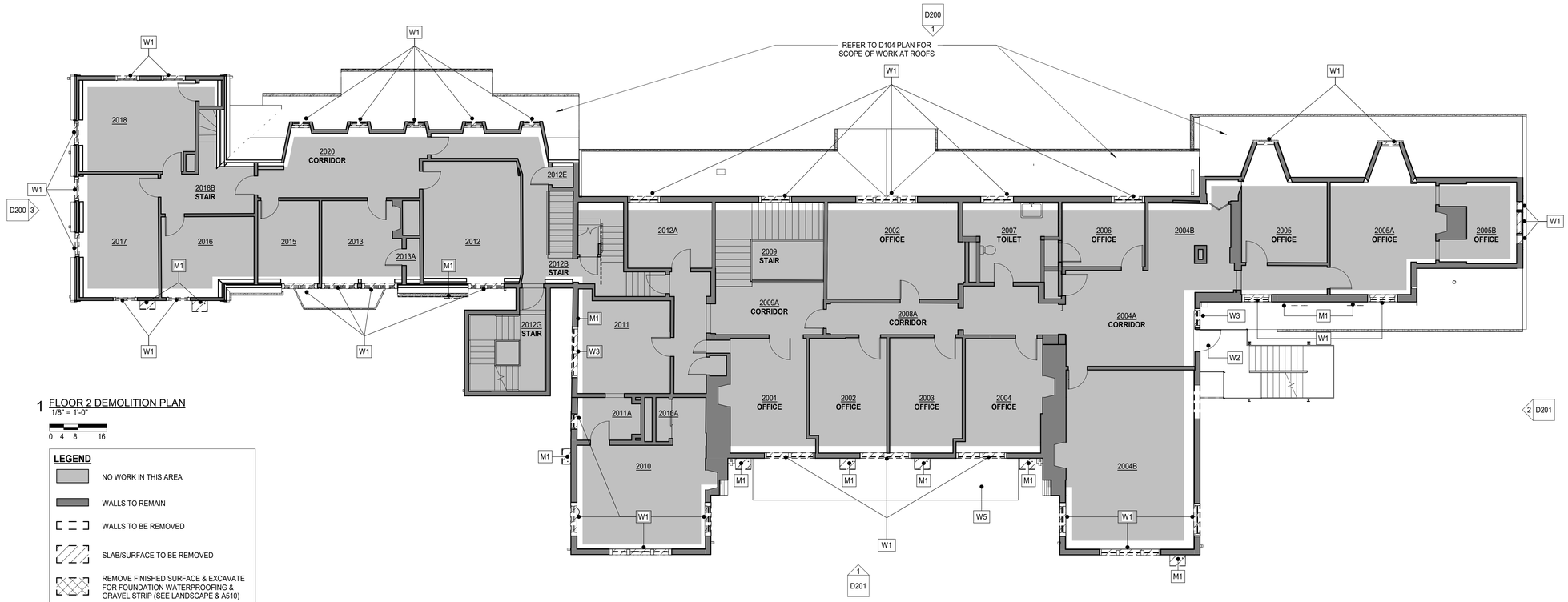
DRAWING TITLE:
FIRST FLOOR DEMOLITION PLAN

SCALE:
As indicated

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
D101

REGISTERED ARCHITECT MICHAEL A. NIEMAN 018339 STATE OF NEW YORK



1 FLOOR 2 DEMOLITION PLAN
1/8" = 1'-0"

0 4 8 16

LEGEND

- NO WORK IN THIS AREA
- WALLS TO REMAIN
- WALLS TO BE REMOVED
- SLAB/SURFACE TO BE REMOVED
- REMOVE FINISHED SURFACE & EXCAVATE FOR FOUNDATION WATERPROOFING & GRAVEL STRIP (SEE LANDSCAPE & A510)
- TENTING PER NOTE 7c

DEMOLITION KEY TAGS:
SEE PHOTO(S) & ELEVATIONS ON D000-SHEETS.

S1. EXCAVATION AT BUILDING PERIMETER AS INDICATED FOR WATERPROOFING AT FOUNDATION WALLS (SEE A510)

S2. REMOVE ASHPALT PAVING.

S3. REMOVE BRICK & MORTAR BED.

S4. PROTECT BRICK PAVERS TO REMAIN.

W1. WINDOW REMOVAL & REPLACEMENT (SEE A200s & A600s FOR FULL SCOPE)

W2. DOOR REMOVAL & REPLACEMENT (SEE A200s & A600s FOR FULL SCOPE)

W3. SEAL WALL AFTER WINDOW REMOVAL (SEE A200s & A600s FOR FULL SCOPE)

W4. REMOVE AREAWAY COVER & UNDERLYING FRAMING (ASPHALT SHINGLE), TYP.

W5. PROTECT AWNING TO REMAIN (APPROXIMATELY AT 2ND FL ELEVATION).

F1. REMOVE FLOOR FINISH & CEILING/SOFFIT ABOVE.

F2. REMOVE INTERIOR WALL & CEILING TO PERFORM EXTERIOR STUD REPLACEMENT (SEE AA-SHEETS & S-SHEETS FOR FULL SCOPE).

M1. REFER TO MECHANICAL DRAWINGS FOR WINDOW A/C REMOVALS.

M2. PROTECT FUEL TANK & VENT TO REMAIN.
REMOVE, SALVAGE, AND REINSTALL SIGN.
REMOVE & REPLACE COVER WITH PAINTED MARINE GRADE PLYWOOD.

M3. REMOVE & REINSTALL RADIATOR. REPLACE GRILLE IN MATCHING PERFORATION & FINISH. SEE MD101 FOR MECH NOTES.

E1. REMOVE/REINSTALL EMERGENCY BLUE LIGHT BOX.

E2. REMOVE/REINSTALL SCONCE LIGHT FIXTURE (SEE D001 PHOTOS)

E3. REMOVE/REINSTALL BASEBOARD HEATER.

P1. REFER TO PLUMBING DRAWINGS FOR FIXTURE REMOVALS.

P2. REMOVE & REINSTALL PLUMBING FIXTURE.

FA1. REMOVE & REINSTALL PULL STATION (SEE D001 PHOTOS)

GENERAL DEMOLITION NOTES:

1.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 CONSULTANT OF THESE DISCREPANCIES PRIOR TO COMMENCING THE WORK.

2.OWNER HAS TESTED SUSPECTED ASBESTOS - CONTAINING MATERIALS (ACM). REMOVAL OF ACM WITHIN THE AREA OF NEW WORK, BEYOND THE EXTENT SHOWN ON THE AA-DRAWINGS, IS NOT INCLUDED IN THIS CONTRACT. IF SUSPECT ACM'S, ARE ENCOUNTERED DURING THE COURSE OF THE WORK, NOTIFY THE CONSULTANT FOR TESTING / REMOVAL.

3. REFER TO D100 PLANS FOR FULL REMOVAL SCOPE.

4. REFER TO AA-SHEETS FOR ABATEMENT SCOPE.

5. REFER TO S-SHEETS FOR EXTERIOR STUD REPLACEMENT.
a. CONTRACTOR TO VERIFY PRECISE LENGTH OF WALL IMPACTED BY STUD REPLACEMENT.

6. REFER TO A100 PLANS, A200 ELEVATIONS, AND A600 SCHEDULES/DETAILS FOR EXTERIOR DOOR & WINDOWS.
a. WINDOW SHADES: SALVAGE & REINSTALL; COORDINATING WINDOW SURROUNDS TO ACCEPT SAME WIDTH.

b. WHERE WINDOWS OPENINGS REDUCED OR SEALED: INSTALL GYP BD & COMPOUND/TAPE FOR SMOOTH FINISH WITH ADJACENT PLASTER. PAINT TO MATCH EXISTING.

7. **PROTECT** FINISHED SURFACES, FIXTURES, FURNISHINGS BEYOND THE AREA OF WORK.
a. HARD PROTECTION AT WOOD FLOORING, STAIR TREADS & RISERS.
b. PAPER PROTECTION AT PORCELAIN TILE, CARPET FLOORING.
c. TENT INTERIOR +/- 3 FEET FROM THE AREA OF WORK (I.E. ALONG EXTERIOR WALL REPAIRS). ADHERE & SEAL EDGES OF TENTING TO SUPPORT ABATEMENT AND DUST MITIGATION.

8. VERIFY AND PROTECT EXISTING UTILITIES WITHIN AREA OF WORK (I.E. BELOW GRADE AT FRONT OF BUIDLING)

9. AREAWAY COVER REMOVALS SHOULD CONSIDER SEQUENCING OF EXCAVATION TO PREVENT DUST & DEBRIS. PROVIDE TEMPORARY COVERING IF EXCAVATION OCCURS AFTER REMOVALS.

REMOVAL NOTES:

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

2. 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.

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

4 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.

5.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.

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

7.REMOVE AND SALVAGE ITEMS WHERE INDICATED. CLEAN AND REPAIR PRIOR TO REINSTALLING.

REPAIR NOTES:

1. **CEILINGS**: WHERE ALONG EXTERIOR WALLS TO RECEIVE STUD REPLACMENT, REPLACE 1-FT WIDTH, WITH GYP BD & COMPOUND/TAPE FOR SMOOTH FINISH WITH ADJACENT PLASTER. PAINT TO MATCH EXISTING.

2. **CLEAN** EXISTING WALLS, FLOORS, CEILINGS, AND FIXTURES FOLLOWING DUST-GENERATING ACTIVITIES, ONCE FACADE IS WEATHERTIGHT, AND PRIOR TO ANY PAINTING.

3.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).

4.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.

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BID DOCUMENTS

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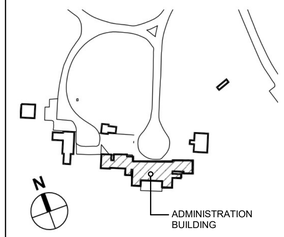

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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

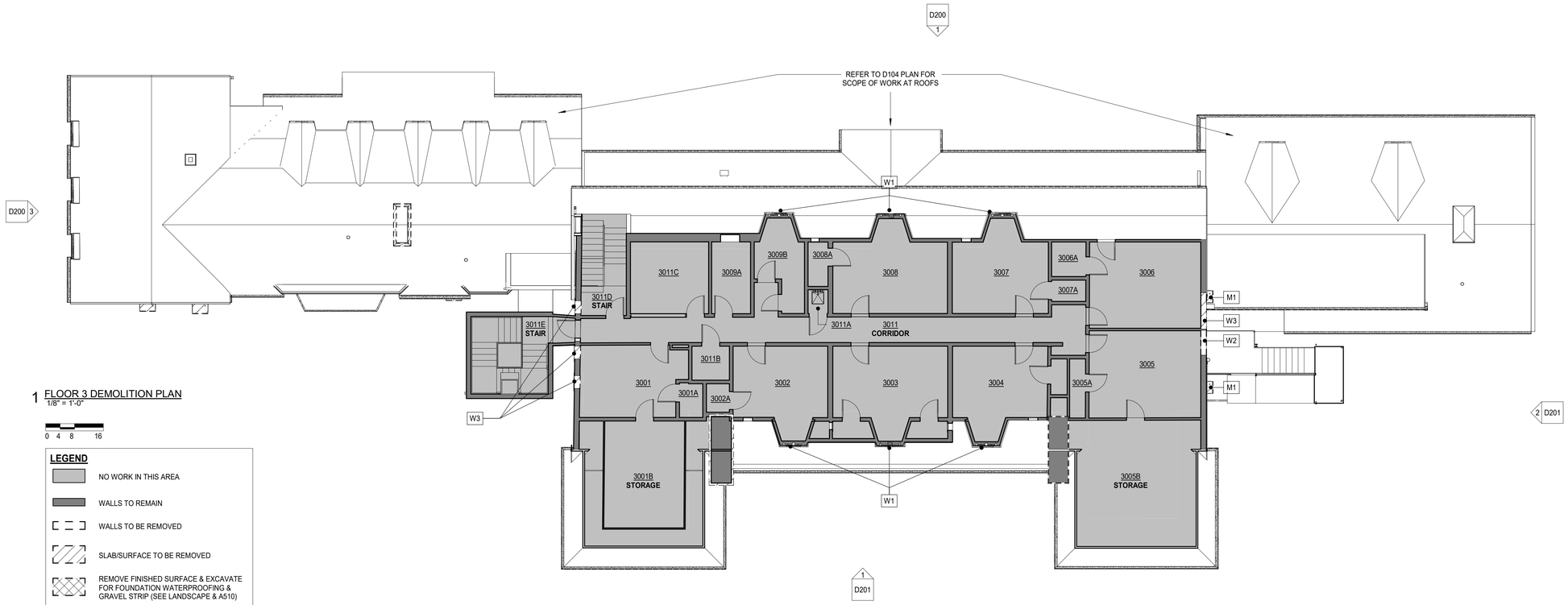
State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
SECOND FLOOR DEMOLITION PLAN

SCALE:
As indicated

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
D102



1 FLOOR 3 DEMOLITION PLAN
1/8" = 1'-0"

0 4 8 16

LEGEND

- NO WORK IN THIS AREA
- WALLS TO REMAIN
- WALLS TO BE REMOVED
- SLAB/SURFACE TO BE REMOVED
- REMOVE FINISHED SURFACE & EXCAVATE FOR FOUNDATION WATERPROOFING & GRAVEL STRIP (SEE LANDSCAPE & A510)
- TENTING PER NOTE 7c

DEMOLITION KEY TAGS:
SEE PHOTO(S) & ELEVATIONS ON D000-SHEETS.

S1. EXCAVATION AT BUILDING PERIMETER AS INDICATED FOR WATERPROOFING AT FOUNDATION WALLS (SEE A510)

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W1. WINDOW REMOVAL & REPLACEMENT (SEE A200s & A600s FOR FULL SCOPE)

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E1. REMOVE/REINSTALL EMERGENCY BLUE LIGHT BOX.

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E3. REMOVE/REINSTALL BASEBOARD HEATER.

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5. REFER TO S-SHEETS FOR EXTERIOR STUD REPLACEMENT.
a. CONTRACTOR TO VERIFY PRECISE LENGTH OF WALL IMPACTED BY STUD REPLACEMENT.

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REMOVAL NOTES:

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5.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.

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

7.REMOVE AND SALVAGE ITEMS WHERE INDICATED. CLEAN AND REPAIR PRIOR TO REINSTALLING.

REPAIR NOTES:

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2.**CLEAN** EXISTING WALLS, FLOORS, CEILINGS, AND FIXTURES FOLLOWING DUST-GENERATING ACTIVITIES, ONCE FACADE IS WEATHERTIGHT, AND PRIOR TO ANY PAINTING.

3.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).

4.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.

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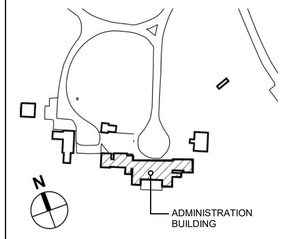
KEY PLAN



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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

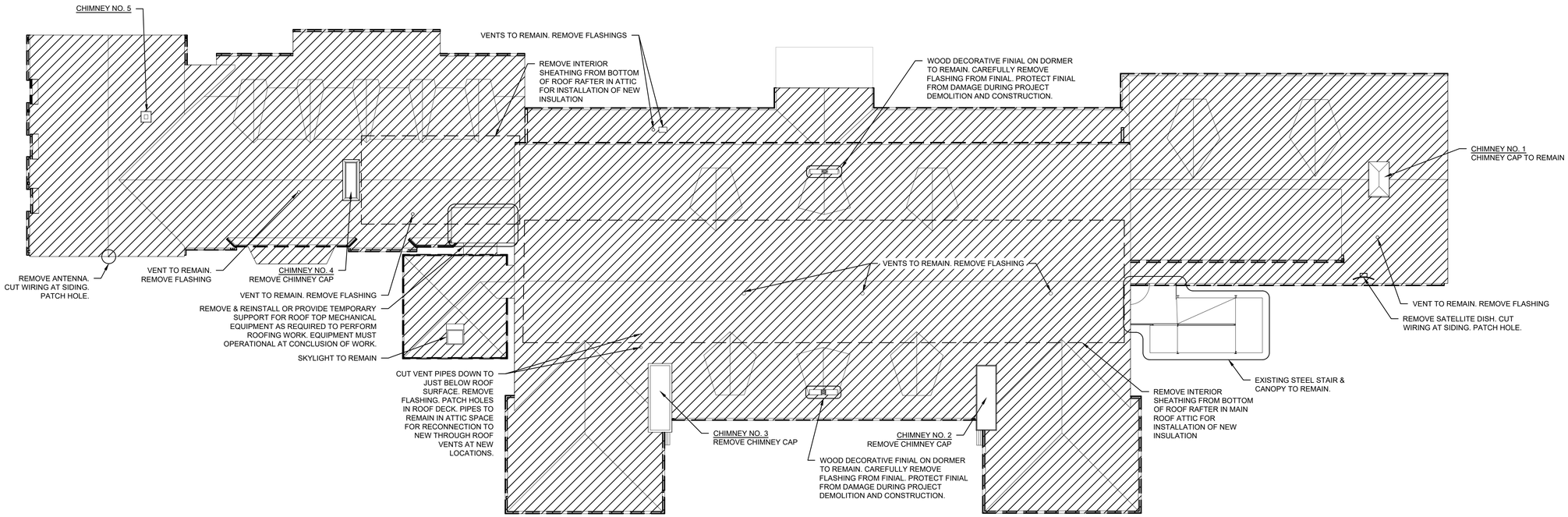
State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
THIRD FLOOR DEMOLITION PLAN

SCALE:
As indicated

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
D103



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

0 4 8 16

LEGEND

- NO WORK IN THIS AREA
- WALLS TO REMAIN
- WALLS TO BE REMOVED
- SURFACE TO BE REMOVED

DEMOLITION GENERAL NOTES

GENERAL

1. BUILDING IS TO REMAIN UNOCCUPIED DURING CONSTRUCTION.
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. OWNER HAS TESTED SUSPECTED ASBESTOS - CONTAINING MATERIALS (ACM). REMOVAL OF ACM WITHIN THE AREA OF NEW WORK, BEYOND THE EXTENT SHOWN ON THE AA DRAWINGS, IS NOT INCLUDED IN THIS CONTRACT. IF SUSPECT ACM'S, ARE ENCOUNTERED DURING THE COURSE OF THE WORK, NOTIFY THE OWNER'S REPRESENTATIVE FOR TESTING / REMOVAL..

REMOVALS

4. REFER TO SECTION 02 41 20 "REMOVALS, CUTTING, AND PATCHING".
5. AT ALL REMOVALS, REMOVE ALL RELATED MEANS OF ATTACHMENT, SUPPORTS, HARDWARE, TRIM, ETC., UNLESS OTHERWISE NOTED.
6. 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.
7. AT AREAS OF PRIOR REMOVALS BY OTHERS, REMOVE PROJECTING ITEMS TO SAME CONDITIONS AS FOR ITEM NO. 5 ABOVE.
8. REMOVE WOOD, CONCRETE, AND MASONRY WITH POWER DRIVEN SAW OR HAND TOOLS. FOR MASONRY, DO NOT USE POWER DRIVEN IMPACT TOOLS. REFER TO SECTION 04 01 20 FOR MASONRY REMOVAL METHODS.
9. 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.
10. COORDINATE EXTENTS OF WALL REMOVALS INDICATED ON DEMOLITION DRAWINGS WITH ARCHITECTURAL FLOOR PLANS FOR RENOVATION / NEW CONSTRUCTION.
11. 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.
12. REMOVE ALL SURFACE-MOUNTED CONDUIT, PIPING, LIGHT FIXTURES AND OTHER EQUIPMENT ON THE BUILDING EXTERIOR UNLESS OTHERWISE INDICATED TO REMAIN.
13. REMOVE ALL AC UNITS PENETRATING EXTERIOR WALLS.
14. 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.
15. PROVIDE TEMPORARY SHORING / BRACING / SUPPORTS AS REQUIRED FOR THE COMPLETION OF THE WORK.
16. REMOVE CONCRETE PARGIING ON FOUNDATION WALLS BELOW BRICK AND ABOVE GRADE.

SALVAGE

17. REMOVE AND SALVAGE ITEMS WHERE INDICATED. TURN OVER TO OWNER, UNLESS SCHEDULED FOR REINSTALLATION. PROTECT PRIOR TO TURN-OVER OR REINSTALLATION. CLEAN AND REPAIR AS REQUIRED FOR REINSTALLATION.

REPAIRS

18. CLEAN EXISTING EXTERIOR WALLS, INCLUDING BRICK, STONE TRIM, AND WINDOWS FOLLOWING DUST-GENERATING ACTIVITIES, ONCE FACADE IS WEATHERTIGHT, AND PRIOR TO PAINTING.
19. 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). RETAIN QUALIFIED TRADES FOR PATCHING OF MATERIALS.
20. 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.

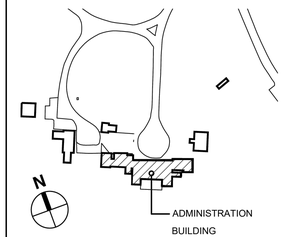
ROOF REMOVAL NOTES:

1. REMOVE EXISTING ROOFING, FLASHING & UNDERLAYMENT DOWN TO EXISTING ROOF DECK.
2. REMOVE ROOF-MOUNTED EQUIPMENT AND ASSOCIATED CONDUIT AND PIPING, UNLESS OTHERWISE INDICATED TO REMAIN.
3. INSPECT ENTIRE ROOF DECK PRIOR TO NEW ROOF INSTALLATION. DOCUMENT ALL DAMAGED OR DETERIORATED AREAS REQUIRING REPLACEMENT. SUBMIT DOCUMENTATION TO ARCHITECT PRIOR TO NEW ROOF INSTALLATION.
4. GUTTERS: REMOVE GUTTERS, DOWNSPOUTS, AND ALL MOUNTING HARDWARE FROM ROOF AND EXTERIOR WALLS DOWN TO GRADE. SEE SITE DEMOLITION DRAWINGS FOR SUBSURFACE DRAINAGE REMOVALS.
5. CHIMNEYS: REMOVE ALL STEP AND COUNTER FLASHING FROM CHIMNEYS. REMOVE ALL LOOSE PAINT FROM CHIMNEYS. PER SECTION 04 01 20.
6. ATTIC REMOVALS: REMOVE LOOSE DEBRIS, EXISTING INSULATION INCLUDING LOOSE BLOW-IN INSULATION IN CHEEK WALLS.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
DEMOLITION ROOF PLAN

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

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
D104

REGISTERED ARCHITECT JANET A. NOLL 029145 STATE OF NEW YORK

0 4 8 16

LEGEND

- NO WORK IN THIS AREA
- WALLS TO REMAIN
- WALLS TO BE REMOVED
- REMOVE ENCLOSURE AND FRAMING.
- REMOVE EXISTING THROUGH WALL AC UNIT OR WINDOW UNIT TO BE INFILLED WITH NEW SIDING TO MATCH EXISTING.
- REMOVE WINDOW OR DOOR UNIT, SILLS, SASH AND FRAME, AND/OR EXTERIOR TRIM. SEE WINDOW & DOOR DETAILS FOR RETAINING INTERIOR WINDOW TRIM.
- REMOVE WOOD SIDING AND/OR TRIM
- REMOVE WOOD SIDING, TRIM, AND SHEATHING, COORDINATE WITH STUD REPLACEMENT. SEE STRUCTURAL DRAWINGS. SEE SECTION 07 46 00 FOR SIDING SALVAGE

DEMOLITION GENERAL NOTES

GENERAL

1. BUILDING IS TO REMAIN UNOCCUPIED DURING CONSTRUCTION.
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. OWNER HAS TESTED SUSPECTED ASBESTOS - CONTAINING MATERIALS (ACM). REMOVAL OF ACM WITHIN THE AREA OF NEW WORK, BEYOND THE EXTENT SHOWN ON THE AA DRAWINGS, IS NOT INCLUDED IN THIS CONTRACT. IF SUSPECT ACM'S, ARE ENCOUNTERED DURING THE COURSE OF THE WORK, NOTIFY THE OWNER'S REPRESENTATIVE FOR TESTING / REMOVAL..

REMOVALS

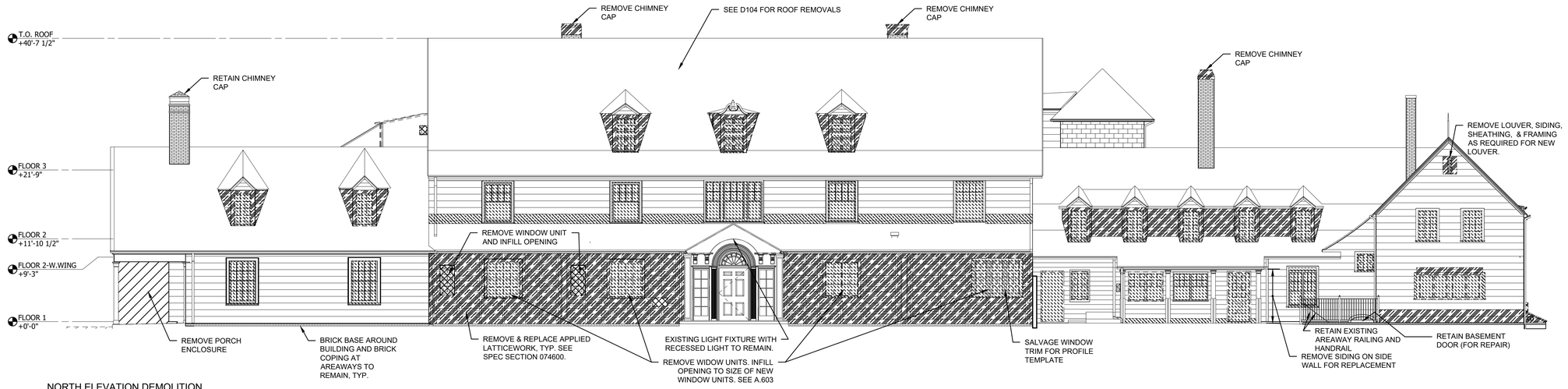
4. REFER TO SECTION 02 41 20 "REMOVALS, CUTTING, AND PATCHING".
5. AT ALL REMOVALS, REMOVE ALL RELATED MEANS OF ATTACHMENT, SUPPORTS, HARDWARE, TRIM, ETC., UNLESS OTHERWISE NOTED.
6. AT AREAS OF REMOVAL (INCLUDING MECHANICAL, PLUMBING AND ELECTRICAL) REMOVE ITEMS INDICATED DOWN TO CLEAN, SOUND SUBSTRATE. 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.
7. AT AREAS OF PRIOR REMOVALS BY OTHERS, REMOVE PROJECTING ITEMS TO SAME CONDITIONS AS FOR ITEM NO. 5 ABOVE.
8. REMOVE WOOD, CONCRETE, AND MASONRY WITH POWER DRIVEN SAW OR HAND TOOLS. FOR MASONRY, DO NOT USE POWER DRIVEN IMPACT TOOLS. REFER TO SECTION 04 01 20 FOR MASONRY REMOVAL METHODS.
9. 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.
10. COORDINATE EXTENTS OF WALL REMOVALS INDICATED ON DEMOLITION DRAWINGS WITH ARCHITECTURAL FLOOR PLANS FOR RENOVATION / NEW CONSTRUCTION.
11. 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.
12. REMOVE ALL SURFACE-MOUNTED CONDUIT, PIPING, LIGHT FIXTURES AND OTHER EQUIPMENT ON THE BUILDING EXTERIOR UNLESS OTHERWISE INDICATED TO REMAIN.
13. REMOVE ALL AC UNITS PENETRATING EXTERIOR WALLS.
14. 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.
15. PROVIDE TEMPORARY SHORING / BRACING / SUPPORTS AS REQUIRED FOR THE COMPLETION OF THE WORK.
16. REMOVE CONCRETE PARGIING ON FOUNDATION WALLS BELOW BRICK AND ABOVE GRADE.

SALVAGE

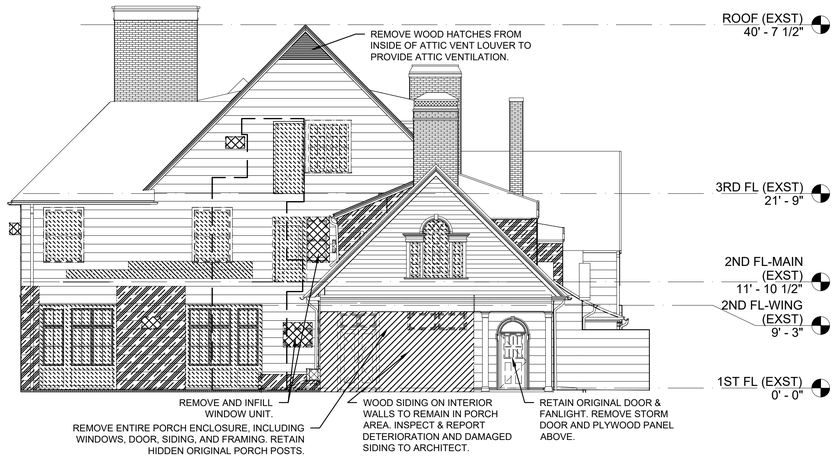
17. REMOVE AND SALVAGE ITEMS WHERE INDICATED. TURN OVER TO OWNER, UNLESS SCHEDULED FOR REINSTALLATION. PROTECT PRIOR TO TURN-OVER OR REINSTALLATION. CLEAN AND REPAIR AS REQUIRED FOR REINSTALLATION.

REPAIRS

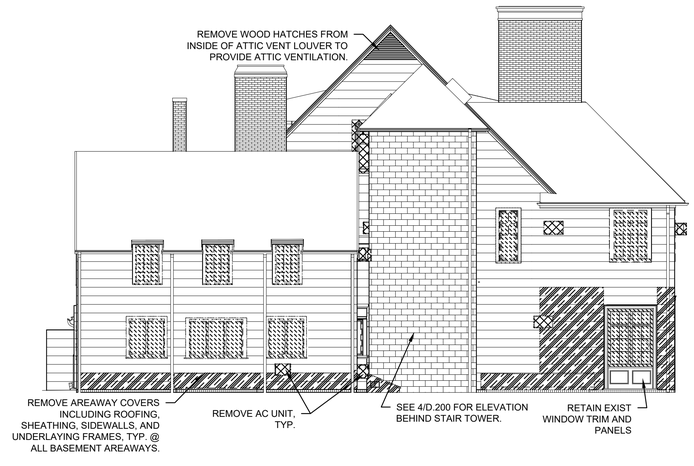
18. CLEAN EXISTING EXTERIOR WALLS, INCLUDING BRICK, STONE TRIM, AND WINDOWS FOLLOWING DUST-GENERATING ACTIVITIES, ONCE FACADE IS WEATHERTIGHT, AND PRIOR TO PAINTING.
19. CONTRACTOR RESPONSIBLE FOR REMOVAL SHALL PATCH/INFILL OPENINGS IN WALLS, ROOFS, AND FLOORS LEFT BY REMOVAL OF MECHANICAL/PLUMBING/ELECTRICAL SYSTEMS (PIPING / EQUIPMENT / DUCTWORK / CONDUIT). RETAIN QUALIFIED TRADES FOR PATCHING OF MATERIALS.
20. 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.



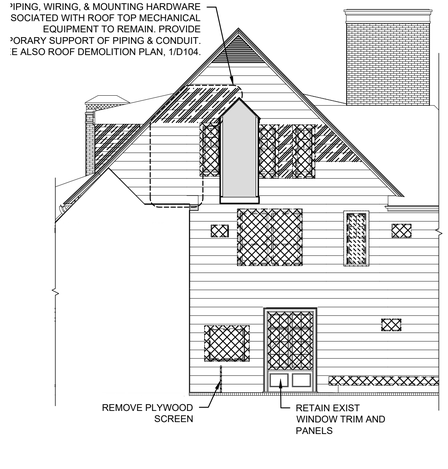
1 NORTH ELEVATION DEMOLITION
1/8" = 1'-0"



2 EAST ELEVATION DEMOLITION
1/8" = 1'-0"



3 WEST ELEVATION DEMOLITION
1/8" = 1'-0"



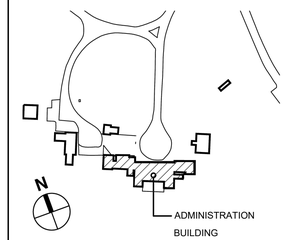
4 PARTIAL WEST ELEVATION DEMOLITION (BEHIND STAIR TOWER)
1/8" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

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Purchase, NY 10577

DRAWING TITLE:

DEMOLITION ELEVATIONS

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

DATE:
10 SEPTEMBER 2024

DRAWING NO.:

D200

REGISTERED ARCHITECT JANET A. NUDA NO. 9 1442 STATE OF NEW YORK

0 4 8 16

LEGEND

- NO WORK IN THIS AREA
- WALLS TO REMAIN
- WALLS TO BE REMOVED
- REMOVE ENCLOSURE AND FRAMING.
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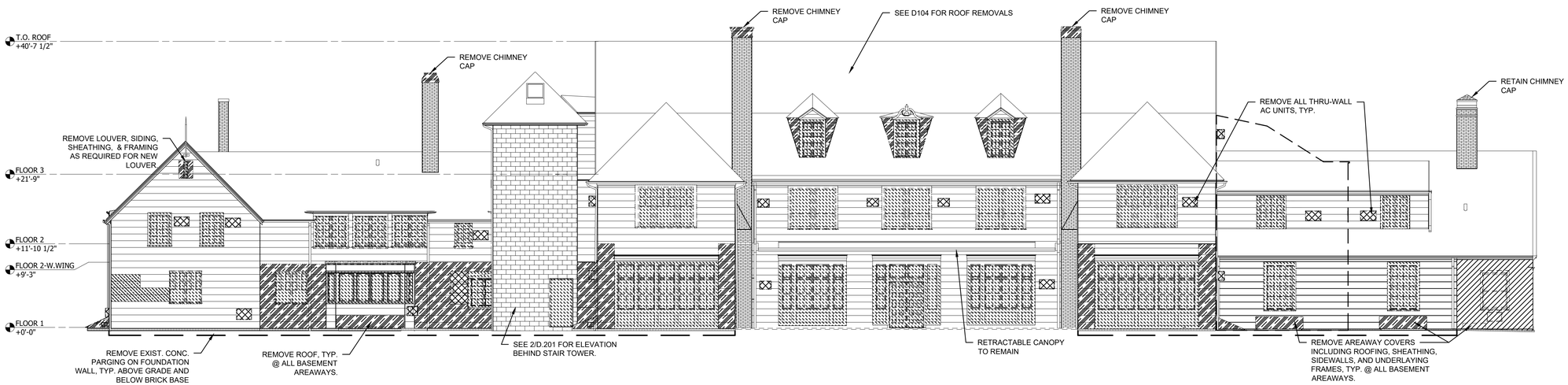
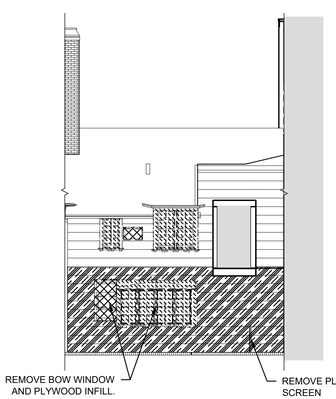
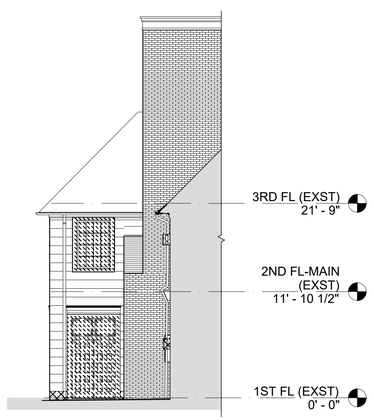


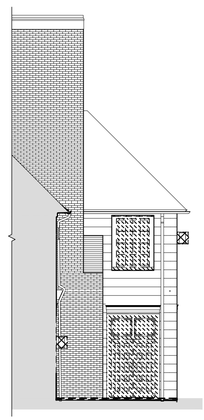
1 SOUTH ELEVATION DEMOLITION
1/8" = 1'-0"



2 PARTIAL SOUTH ELEVATION DEMOLITION (BEHIND STAIR TOWER)
1/8" = 1'-0"



3 PARTIAL EAST ELEVATION - COURTYARD DEMOLITION
1/8" = 1'-0"



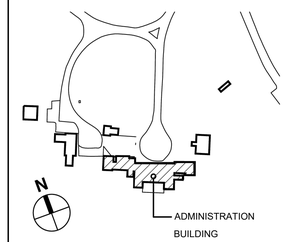
4 PARTIAL WEST ELEVATION - COURTYARD DEMOLITION
1/8" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

Kliment Halsband Architects
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PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior

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Purchase, NY 10577

DRAWING TITLE:

DEMOLITION ELEVATIONS

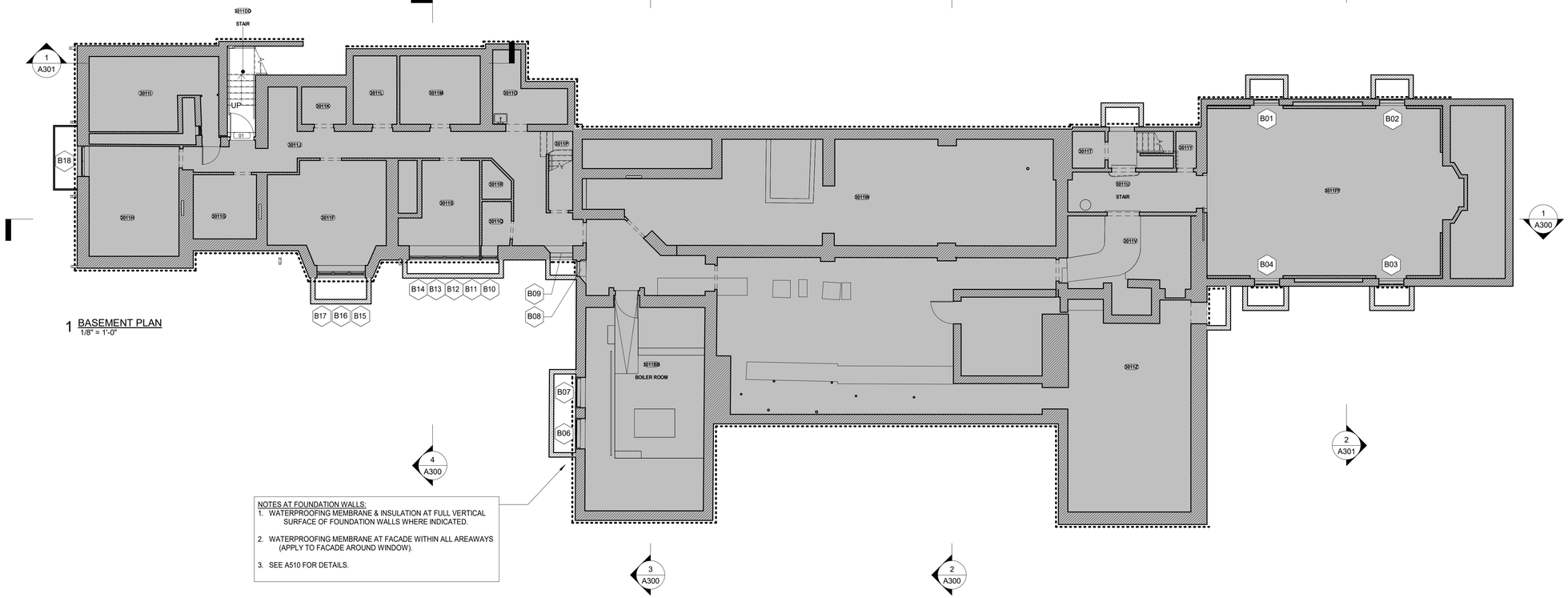
SCALE:
1/8" = 1'-0"

DATE:
10 SEPTEMBER 2024

DRAWING NO.:

D201

REGISTERED ARCHITECT JANET A. KUHL NO. 9 144 24 STATE OF NEW YORK



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

NOTES AT FOUNDATION WALLS:
1. WATERPROOFING MEMBRANE & INSULATION AT FULL VERTICAL SURFACE OF FOUNDATION WALLS WHERE INDICATED.
2. WATERPROOFING MEMBRANE AT FACADE WITHIN ALL AREAWAYS (APPLY TO FACADE AROUND WINDOW).
3. SEE A510 FOR DETAILS.

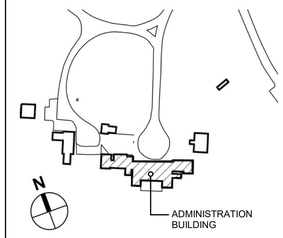
LEGEND

- NEW PARTITION OR WALL INFILL
- EXISTING WALL
- AREA OF NO WORK
- ROOFING; REFER TO SHEET A104
- PARTITION TAG ('EX/0' DENOTES INFILL OF EXTERIOR WALL TO RECEIVE CLADDING AND INTERIOR FINISH)
- DOOR TAG
- WINDOW TAG
- TENTING, +/- 3' FROM FINISHED WALL

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

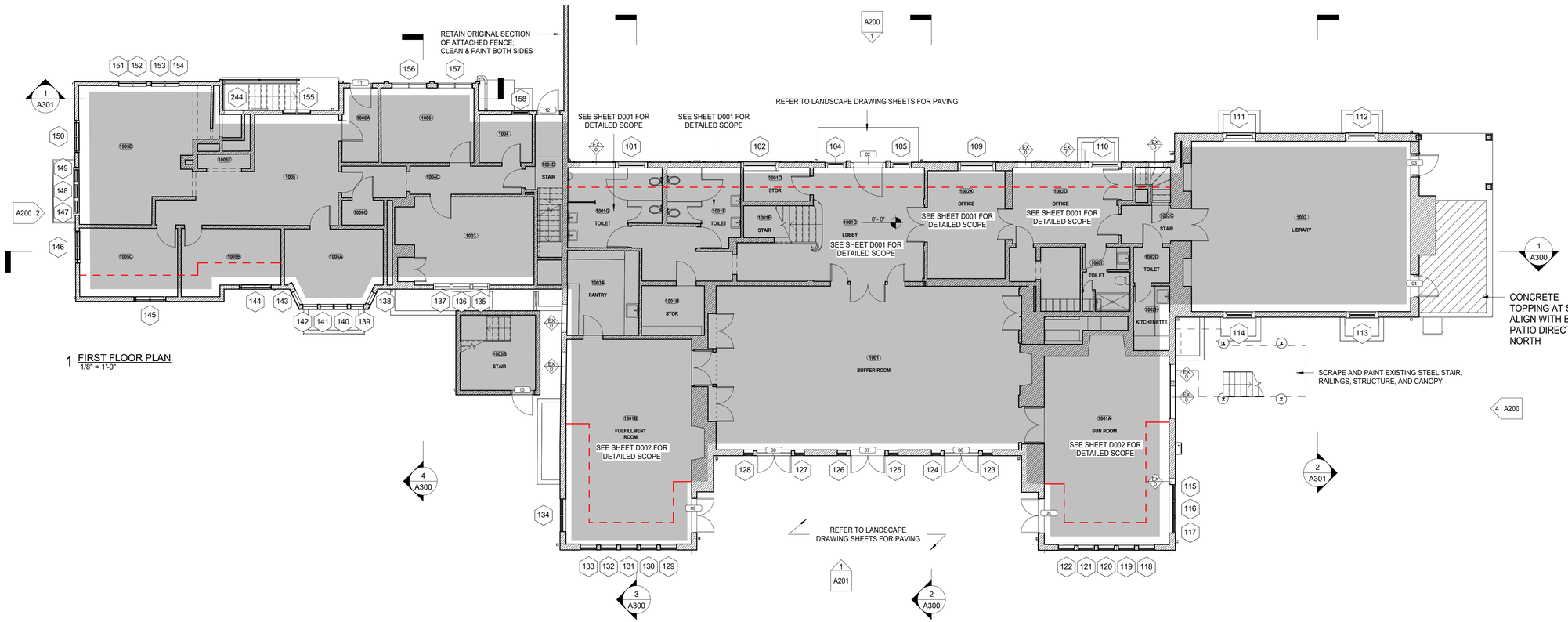
DRAWING TITLE:
BASEMENT PLAN

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

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A100

REGISTERED ARCHITECT
MICHAEL A. NIEWIADOMSKI
018339
STATE OF NEW YORK



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

LEGEND

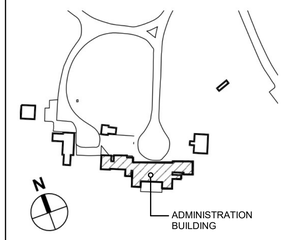
- NEW PARTITION OR WALL INFILL
- EXISTING WALL
- AREA OF NO WORK
- ROOFING; REFER TO SHEET A104
- PARTITION TAG ('EX/0' DENOTES INFILL OF EXTERIOR WALL TO RECEIVE CLADDING AND INTERIOR FINISH)
- DOOR TAG
- WINDOW TAG
- TENTING, +/- 3' FROM FINISHED WALL

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

FIRST FLOOR PLAN

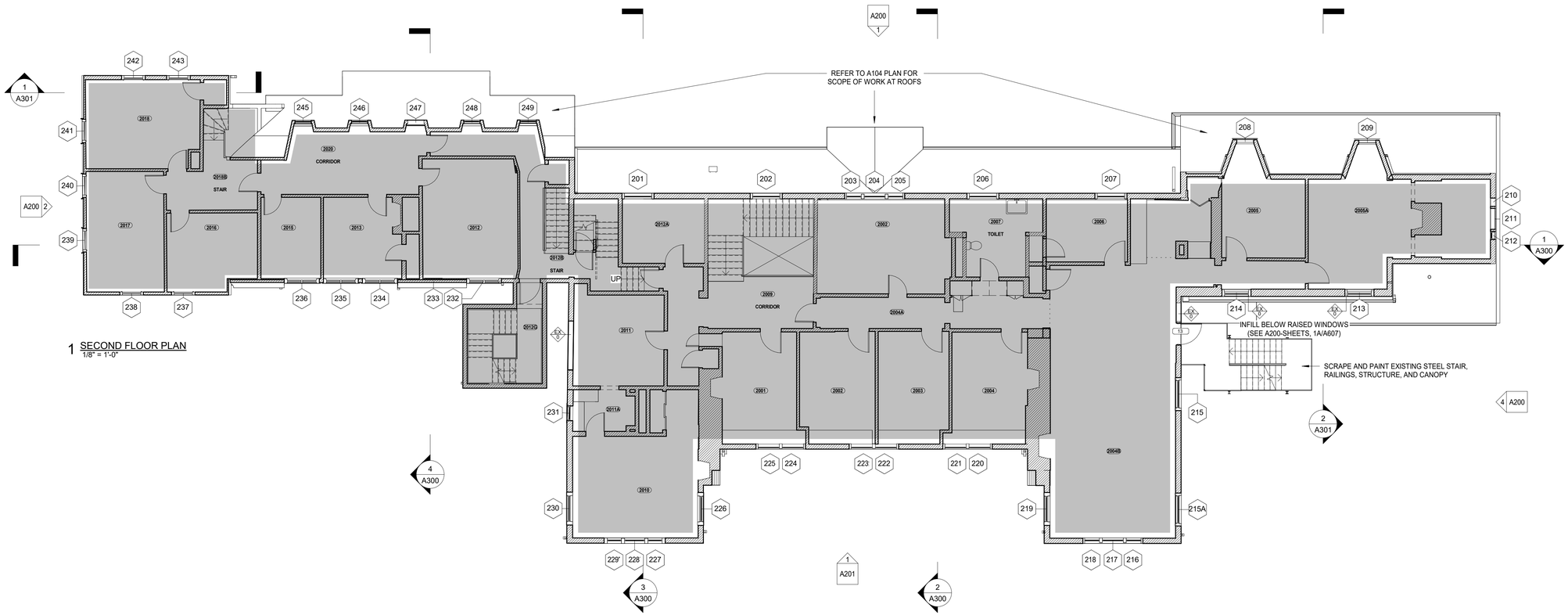
SCALE: 1/8" = 1'-0"

DATE: 10 SEPTEMBER 2024

DRAWING NO.:

A101

REGISTERED ARCHITECT MICHAEL N. HALSBAND 018338 STATE OF NEW YORK



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

LEGEND

- NEW PARTITION OR WALL INFILL
- EXISTING WALL
- AREA OF NO WORK
- ROOFING; REFER TO SHEET A104
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- WINDOW TAG
- TENTING, +/- 3' FROM FINISHED WALL

ISSUE:

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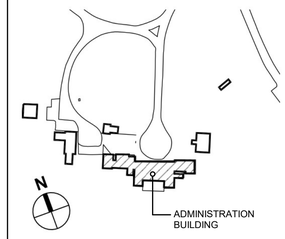

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Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

SECOND FLOOR PLAN

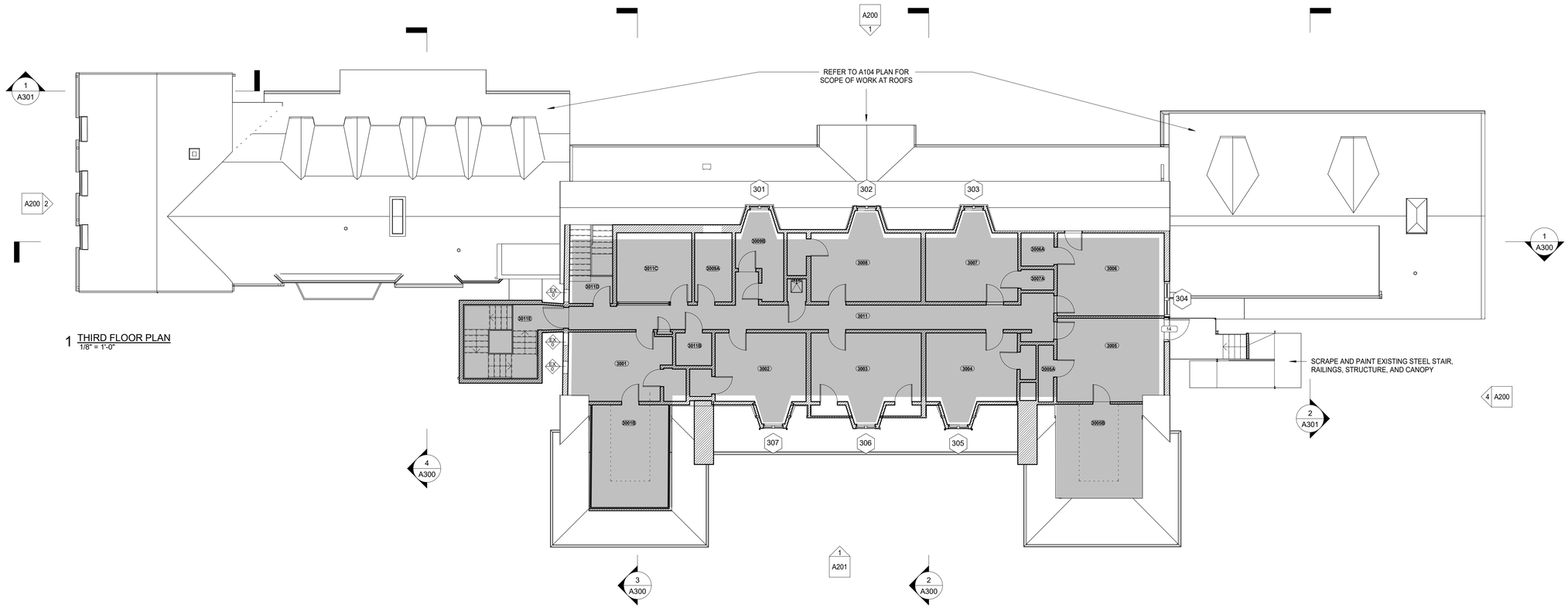
SCALE: 1/8" = 1'-0"

DATE: 10 SEPTEMBER 2024

DRAWING NO.:

A102

REGISTERED ARCHITECT MICHAEL A. NIEMAN 018339 STATE OF NEW YORK



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

LEGEND

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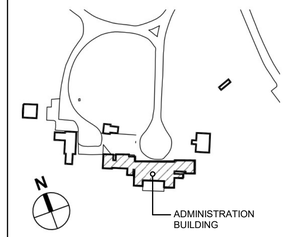
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

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

Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
THIRD FLOOR PLAN

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

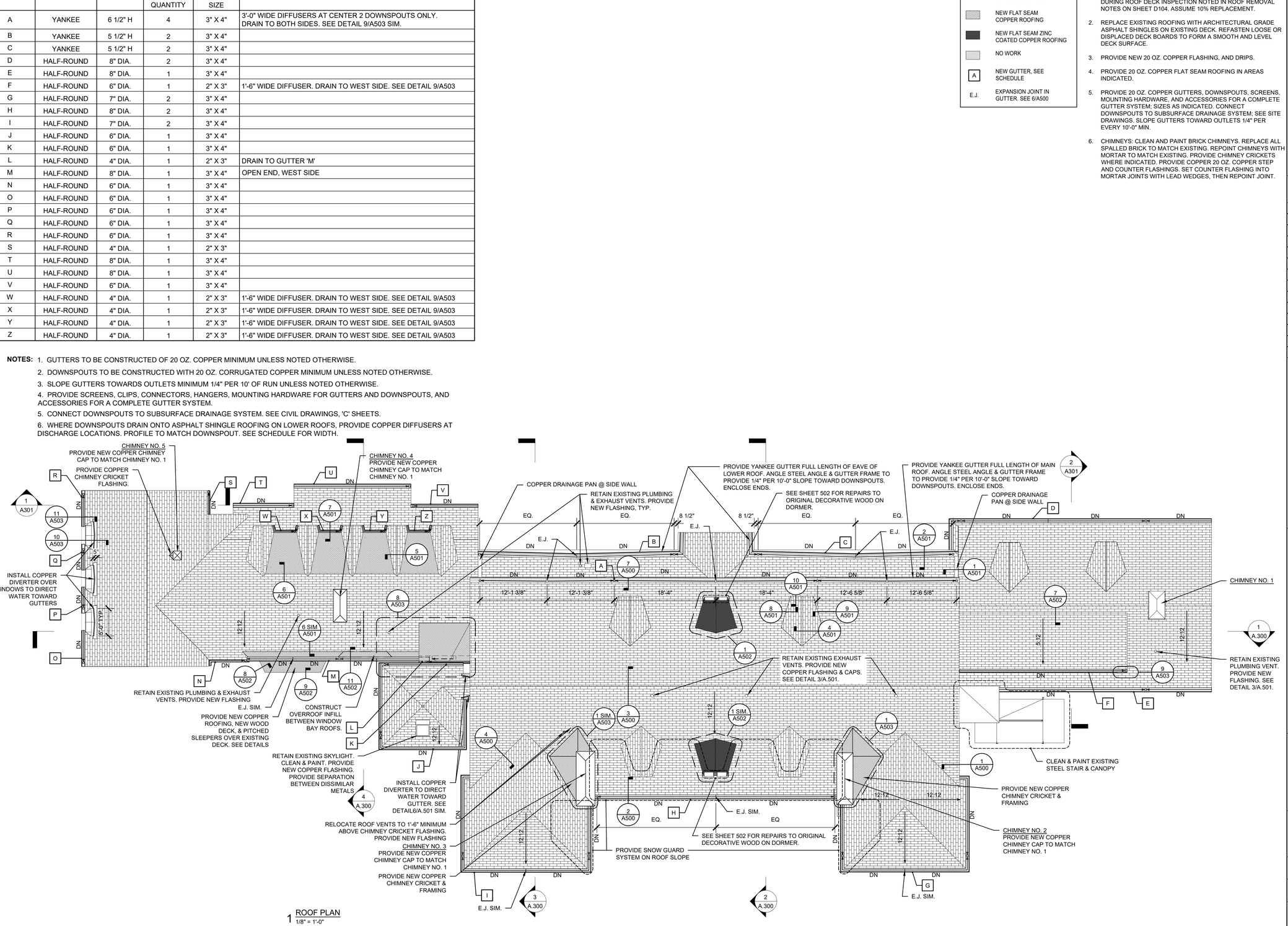
DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A103

GUTTER SCHEDULE

NUMBER	TYPE	SIZE	DOWNSPOUTS		NOTES:
			QUANTITY	SIZE	
A	YANKEE	6 1/2" H	4	3" X 4"	3'-0" WIDE DIFFUSERS AT CENTER 2 DOWNSPOUTS ONLY. DRAIN TO BOTH SIDES. SEE DETAIL 9/A503 SIM.
B	YANKEE	5 1/2" H	2	3" X 4"	
C	YANKEE	5 1/2" H	2	3" X 4"	
D	HALF-ROUND	8" DIA.	2	3" X 4"	
E	HALF-ROUND	8" DIA.	1	3" X 4"	
F	HALF-ROUND	6" DIA.	1	2" X 3"	1'-6" WIDE DIFFUSER. DRAIN TO WEST SIDE. SEE DETAIL 9/A503
G	HALF-ROUND	7" DIA.	2	3" X 4"	
H	HALF-ROUND	8" DIA.	2	3" X 4"	
I	HALF-ROUND	7" DIA.	2	3" X 4"	
J	HALF-ROUND	6" DIA.	1	3" X 4"	
K	HALF-ROUND	6" DIA.	1	3" X 4"	
L	HALF-ROUND	4" DIA.	1	2" X 3"	DRAIN TO GUTTER 'M'
M	HALF-ROUND	8" DIA.	1	3" X 4"	OPEN END, WEST SIDE
N	HALF-ROUND	6" DIA.	1	3" X 4"	
O	HALF-ROUND	6" DIA.	1	3" X 4"	
P	HALF-ROUND	6" DIA.	1	3" X 4"	
Q	HALF-ROUND	6" DIA.	1	3" X 4"	
R	HALF-ROUND	6" DIA.	1	3" X 4"	
S	HALF-ROUND	4" DIA.	1	2" X 3"	
T	HALF-ROUND	8" DIA.	1	3" X 4"	
U	HALF-ROUND	8" DIA.	1	3" X 4"	
V	HALF-ROUND	6" DIA.	1	3" X 4"	
W	HALF-ROUND	4" DIA.	1	2" X 3"	1'-6" WIDE DIFFUSER. DRAIN TO WEST SIDE. SEE DETAIL 9/A503
X	HALF-ROUND	4" DIA.	1	2" X 3"	1'-6" WIDE DIFFUSER. DRAIN TO WEST SIDE. SEE DETAIL 9/A503
Y	HALF-ROUND	4" DIA.	1	2" X 3"	1'-6" WIDE DIFFUSER. DRAIN TO WEST SIDE. SEE DETAIL 9/A503
Z	HALF-ROUND	4" DIA.	1	2" X 3"	1'-6" WIDE DIFFUSER. DRAIN TO WEST SIDE. SEE DETAIL 9/A503

NOTES:
1. GUTTERS TO BE CONSTRUCTED OF 20 OZ. COPPER MINIMUM UNLESS NOTED OTHERWISE.
2. DOWNSPOUTS TO BE CONSTRUCTED WITH 20 OZ. CORRUGATED COPPER MINIMUM UNLESS NOTED OTHERWISE.
3. SLOPE GUTTERS TOWARDS OUTLETS MINIMUM 1/4" PER 10' OF RUN UNLESS NOTED OTHERWISE.
4. PROVIDE SCREENS, CLIPS, CONNECTORS, HANGERS, MOUNTING HARDWARE FOR GUTTERS AND DOWNSPOUTS, AND ACCESSORIES FOR A COMPLETE GUTTER SYSTEM.
5. CONNECT DOWNSPOUTS TO SUBSURFACE DRAINAGE SYSTEM. SEE CIVIL DRAWINGS, 'C' SHEETS.
6. WHERE DOWNSPOUTS DRAIN ONTO ASPHALT SHINGLE ROOFING ON LOWER ROOFS, PROVIDE COPPER DIFFUSERS AT DISCHARGE LOCATIONS. PROFILE TO MATCH DOWNSPOUT. SEE SCHEDULE FOR WIDTH.



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

LEGEND

- NEW ASPHALT SHINGLE ROOFING
- NEW FLAT SEAM COPPER ROOFING
- NEW FLAT SEAM ZINC COATED COPPER ROOFING
- NO WORK
- A — NEW GUTTER, SEE SCHEDULE
- E.J. — EXPANSION JOINT IN GUTTER. SEE 6/A500

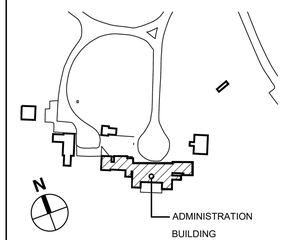
ROOF NOTES:

1. REPLACE DETERIORATED PLYWOOD ROOF DECK FOUND DURING ROOF DECK INSPECTION NOTED IN ROOF REMOVAL NOTES ON SHEET D104. ASSUME 10% REPLACEMENT.
2. REPLACE EXISTING ROOFING WITH ARCHITECTURAL GRADE ASPHALT SHINGLES ON EXISTING DECK. REFASTEN LOOSE OR DISPLACED DECK BOARDS TO FORM A SMOOTH AND LEVEL DECK SURFACE.
3. PROVIDE NEW 20 OZ. COPPER FLASHING, AND DRIPS.
4. PROVIDE 20 OZ. COPPER FLAT SEAM ROOFING IN AREAS INDICATED.
5. PROVIDE 20 OZ. COPPER GUTTERS, DOWNSPOUTS, SCREENS, MOUNTING HARDWARE, AND ACCESSORIES FOR A COMPLETE GUTTER SYSTEM; SIZES AS INDICATED. CONNECT DOWNSPOUTS TO SUBSURFACE DRAINAGE SYSTEM; SEE SITE DRAWINGS. SLOPE GUTTERS TOWARD OUTLETS 1/4" PER EVERY 10'-0" MIN.
6. CHIMNEYS: CLEAN AND PAINT BRICK CHIMNEYS. REPLACE ALL SPALLED BRICK TO MATCH EXISTING. REPOINT CHIMNEYS WITH MORTAR TO MATCH EXISTING. PROVIDE CHIMNEY CRICKETS WHERE INDICATED. PROVIDE COPPER 20 OZ. COPPER STEP AND COUNTER FLASHINGS. SET COUNTER FLASHING INTO MORTAR JOINTS WITH LEAD WEDGES, THEN REPOINT JOINT.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
ROOF PLAN

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

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A104

REGISTERED ARCHITECT JANET A. RUIZ No. 026148 STATE OF NEW YORK

LEGEND

- NEW WOOD SIDING AND/OR TRIM
- NEW WOOD SIDING & SHEATHING
- FOUNDATION WATERPROOFING & INSULATION. SEE SHEET A-510
- NO WORK

GENERAL NOTES:

1. SIDING AND TRIM, TYP.:

   REPLACE SIDING AND TRIM WHERE DETERIORATED, WHERE AC UNITS AND WINDOWS REMOVED, AND WHERE OTHERWISE INDICATED. SIDING AND TRIM PROFILES TO MATCH EXISTING UNLESS OTHERWISE INDICATED. PREP AND PAINT ALL SIDING AND EXTERIOR TRIM.

2. WINDOWS:

   a. PROVIDE ALL NEW WOOD WINDOWS ON 1ST THROUGH 3RD FLOORS, EXCEPT AS NOTED. SIZES AND CONFIGURATIONS AS SHOWN. SEE SPEC SECTION 08 52 00.

   b. FIELD VERIFY ROUGH OPENINGS FOR FABRICATION OF NEW WINDOWS.

3. EXTERIOR DOORS:

   a. EXCEPT WHERE RETAIN IS SCHEDULED, REPLACE EXTERIOR DOORS. SEE SPEC SECTION 08 52 00.

   b. FIELD VERIFY ROUGH OPENINGS FOR FABRICATION OF NEW DOORS.

4. GRADE AT BUILDING:

   LOWER GRADE LEVEL AROUND BUILDING TO MIN. 8" BELOW TOP OF FOUNDATION WALL (EXCEPT AT ACCESSIBLE ENTRANCES). SLOPE GRADE AWAY FROM BUILDING. SEE GRADING PLAN 1/L.102

5. DOWNSPOUTS

   CONNECT DOWNSPOUTS TO SUBSURFACE DRAINAGE SYSTEM. SEE 'C' DRAWINGS.

6. FOUNDATION WALLS:

   a. ABOVE GRADE - REMOVE CONCRETE PARGING, REPAIR ANY CRACKS IN CONCRETE FOUNDATION AND REPOINT BRICK ALONG BASE AND AREAWAYS.

   b. REFER TO SHEET A510 FOR FOUNDATION WATERPROOFING AND INSULATION SCOPE.

7. AREA WELLS, TYP.:

   a. CLEAN OUT DEBRIS, CLEAR DRAINS, REPAIR DAMAGED OR CRACKED CONCRETE , AND REPAIR BRICK COPING.

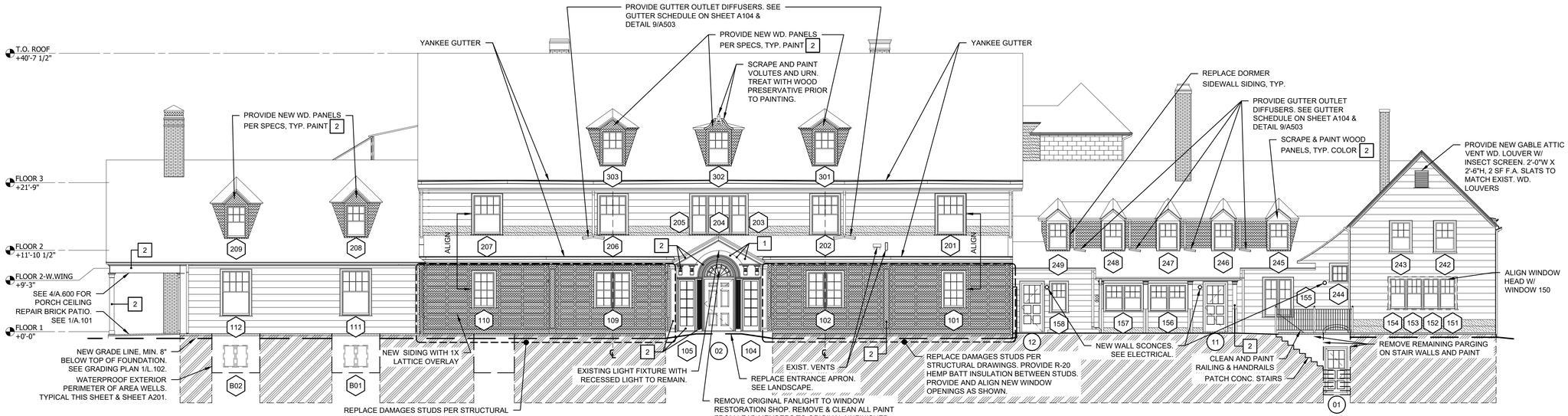
   b. REPAIR/REPLACE DAMAGED OR MISSING WOOD WINDOW TRIM. RETAIN EXISTING WINDOWS

8. EXTERIOR LIGHTING:

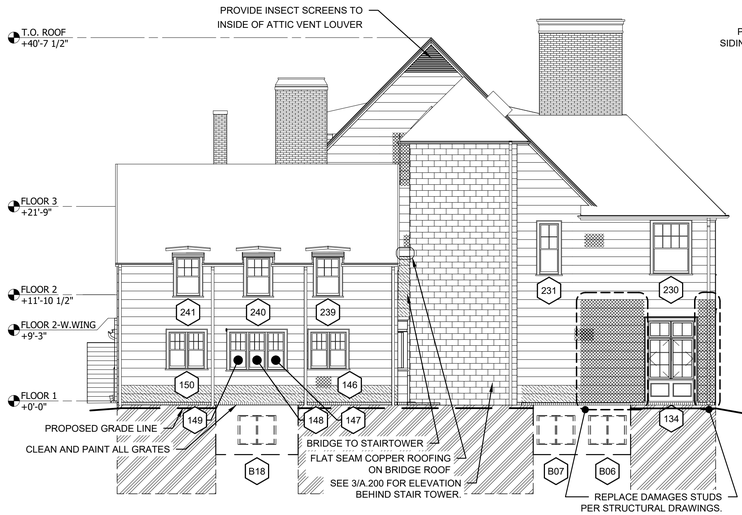
   PROVIDE NEW FIXTURES AT LOCATIONS INDICATED. SEE ELECTRICAL FOR LIGHT FIXTURES SCHEDULE.

PAINT COLOR KEY:

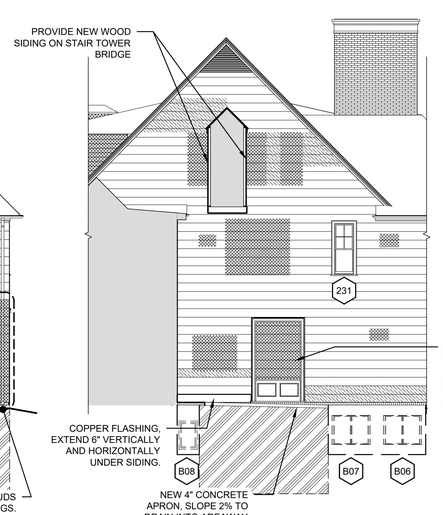
1. BENJAMIN MOORE 1534 RODEO - ALL SIDING, PORCH/CANOPY CEILINGS, WOOD PANELS, PAINTED MASONRY AND CONCRETE.
2. BENJAMIN MOORE HC-134 TARRYTOWN GREEN - WINDOWS, DOORS, TRIM, DECORATIVE WOOD COMPONENTS UNLESS OTHERWISE NOTED, AND ROOF RAKES,EAVES AND SOFFITS.
3. TNEMEC ABYSS 56BL - EXTERIOR FERROUS METALS, INCLUDING STEEL STAIR AND ROOF, RAILINGS, AND CAST IRON DOWNSPOUT SHOES. DO NOT PAINT COPPER OR ZINC.



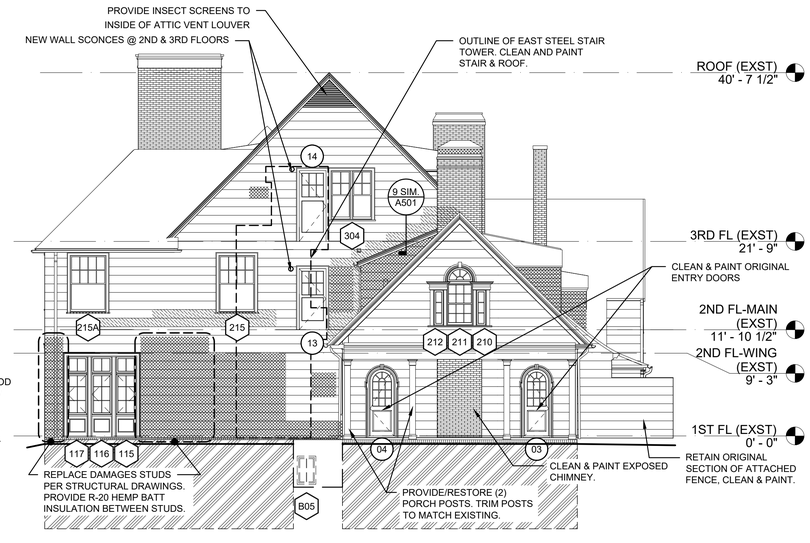
1 NORTH ELEVATION
1/8" = 1'-0"



2 WEST ELEVATION
1/8" = 1'-0"



3 PARTIAL WEST ELEVATION (BEHIND STAIR TOWER)
1/8" = 1'-0"



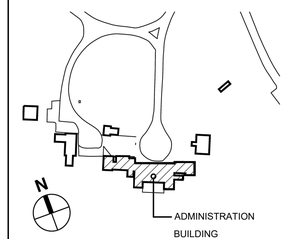
4 EAST ELEVATION
1/8" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

BUILDING ELEVATIONS

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

DATE: 10 SEPTEMBER 2024

DRAWING NO.:

A200

REGISTERED ARCHITECT JANET A. NOLL NO. 9 144 STATE OF NEW YORK

LEGEND

- NEW WOOD SIDING AND/OR TRIM
- NEW WOOD SIDING & SHEATHING
- FOUNDATION WATERPROOFING & INSULATION. SEE SHEET A-510
- NO WORK

GENERAL NOTES:

1. SIDING AND TRIM, TYP.:

   REPLACE SIDING AND TRIM WHERE DETERIORATED, WHERE AC UNITS AND WINDOWS REMOVED, AND WHERE OTHERWISE INDICATED. SIDING AND TRIM PROFILES TO MATCH EXISTING UNLESS OTHERWISE INDICATED. PREP AND PAINT ALL SIDING AND EXTERIOR TRIM.

2. WINDOWS:

   a. PROVIDE ALL NEW WOOD WINDOWS ON 1ST THROUGH 3RD FLOORS, EXCEPT AS NOTED. SIZES AND CONFIGURATIONS AS SHOWN. SEE SPEC SECTION 08 52 00.

   b. FIELD VERIFY ROUGH OPENINGS FOR FABRICATION OF NEW WINDOWS.

3. EXTERIOR DOORS:

   a. EXCEPT WHERE RETAIN IS SCHEDULED, REPLACE EXTERIOR DOORS. SEE SPEC SECTION 08 52 00.

   b. FIELD VERIFY ROUGH OPENINGS FOR FABRICATION OF NEW DOORS.

4. GRADE AT BUILDING:

   LOWER GRADE LEVEL AROUND BUILDING TO MIN. 8" BELOW TOP OF FOUNDATION WALL (EXCEPT AT ACCESSIBLE ENTRANCES). SLOPE GRADE AWAY FROM BUILDING. SEE GRADING PLAN 1/L.102

5. DOWNSPOUTS

   CONNECT DOWNSPOUTS TO SUBSURFACE DRAINAGE SYSTEM. SEE 'C' DRAWINGS.

6. FOUNDATION WALLS:

   a. ABOVE GRADE - REMOVE CONCRETE PARGING, REPAIR ANY CRACKS IN CONCRETE FOUNDATION AND REPOINT BRICK ALONG BASE AND AREAWAYS.

   b. REFER TO SHEET A510 FOR FOUNDATION WATERPROOFING AND INSULATION SCOPE.

7. AREA WELLS, TYP.:

   a. CLEAN OUT DEBRIS, CLEAR DRAINS, REPAIR DAMAGED OR CRACKED CONCRETE , AND REPAIR BRICK COPING.

   b. REPAIR/REPLACE DAMAGED OR MISSING WOOD WINDOW TRIM. RETAIN EXISTING WINDOWS

8. EXTERIOR LIGHTING:

   PROVIDE NEW FIXTURES AT LOCATIONS INDICATED. SEE ELECTRICAL FOR LIGHT FIXTURES SCHEDULE.

PAINT COLOR KEY:

1. BENJAMIN MOORE 1534 RODEO - ALL SIDING, PORCH/CANOPY CEILINGS, WOOD PANELS, PAINTED MASONRY AND CONCRETE.
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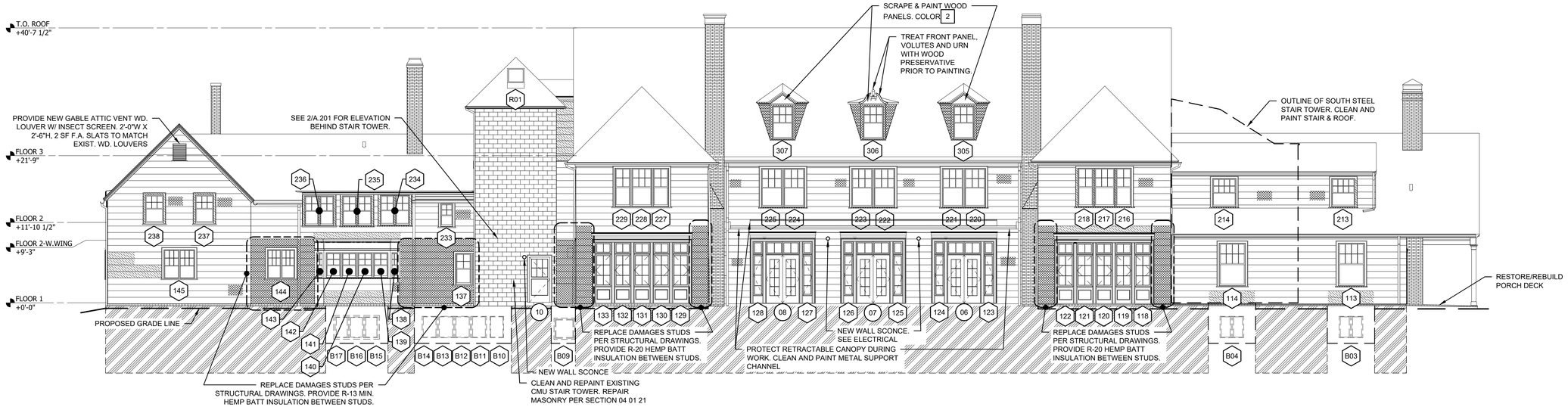
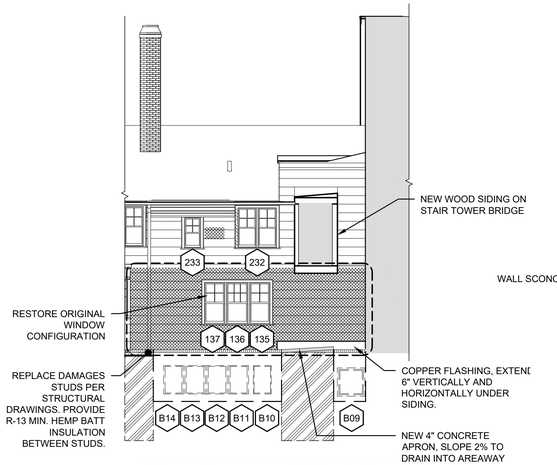
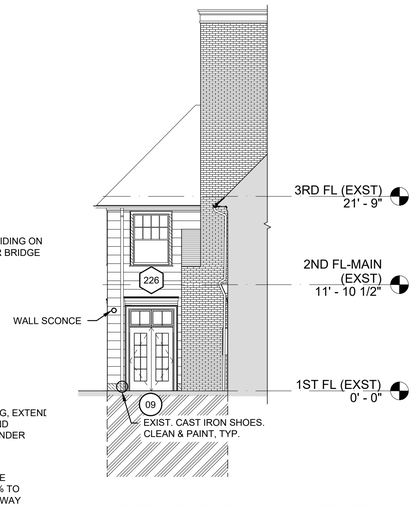


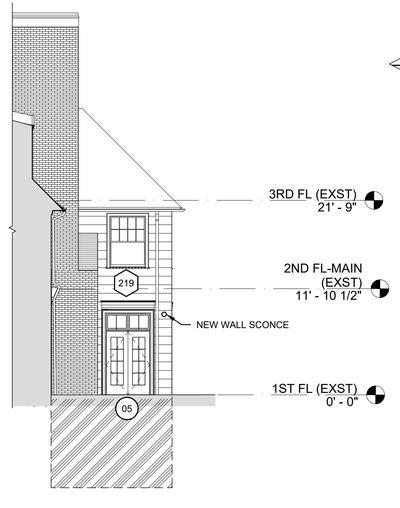
1 SOUTH ELEVATION
1/8" = 1'-0"



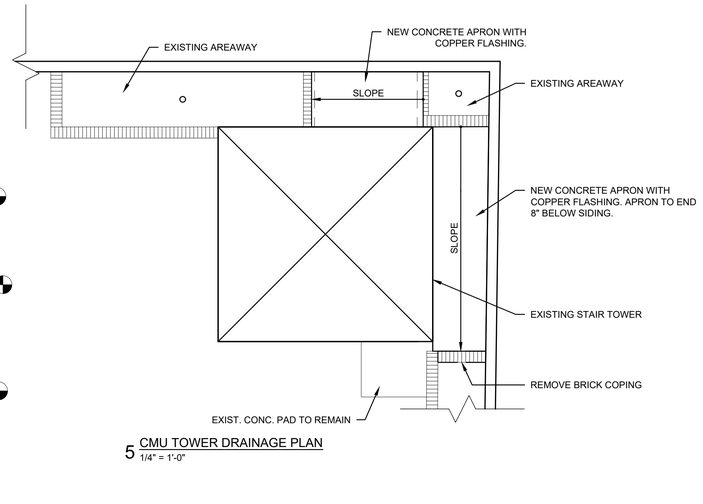
2 PARTIAL SOUTH ELEVATION (BEHIND STAIR TOWER)
1/8" = 1'-0"



3 PARTIAL EAST ELEVATION - COURTYARD
1/8" = 1'-0"



4 PARTIAL WEST ELEVATION - COURTYARD
1/8" = 1'-0"



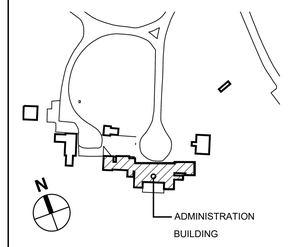
5 CMU TOWER DRAINAGE PLAN
1/4" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

BUILDING ELEVATIONS

SCALE:
AS INDICATED

DATE:
10 SEPTEMBER 2024

DRAWING NO.:

A201

REGISTERED ARCHITECT JANET A. RUIZ NO. 029428 STATE OF NEW YORK

LEGEND

AREA OF NO WORK

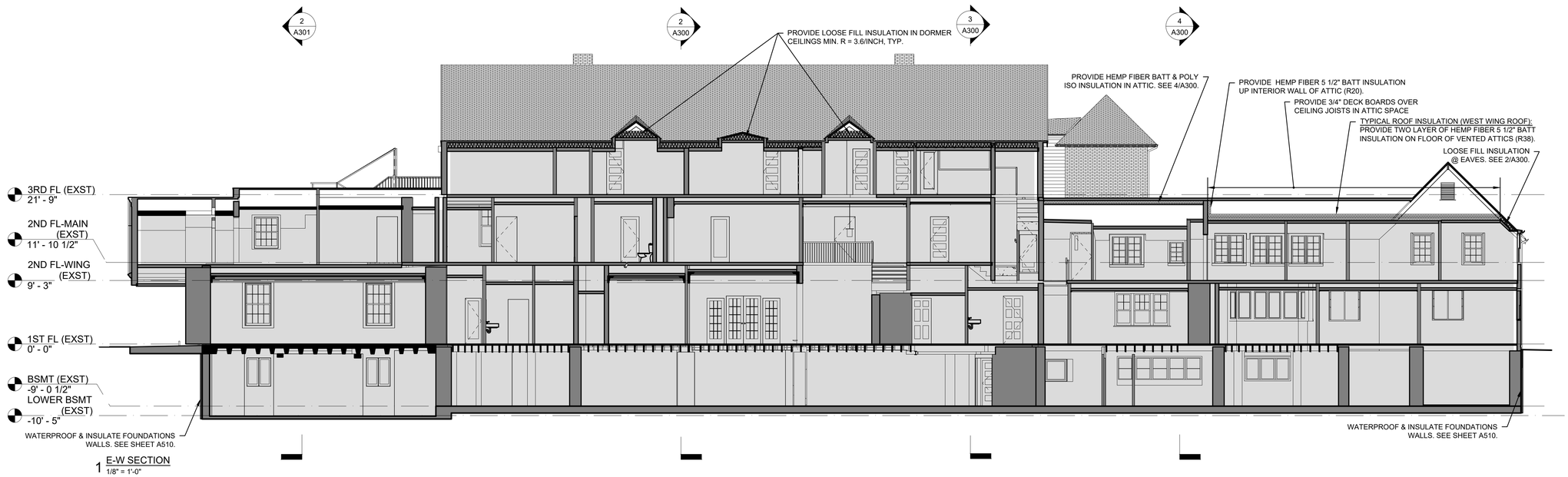
INSULATION NOTES:

ROOF/ATTIC:

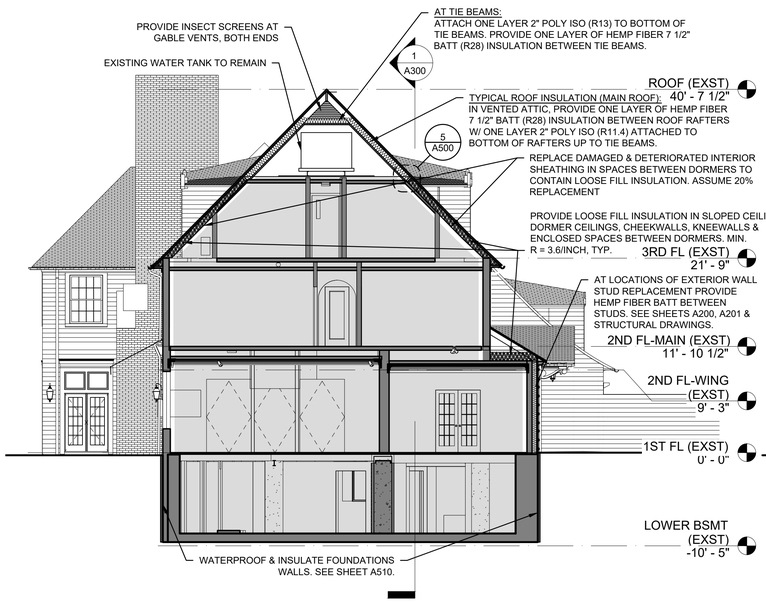
1. PROVIDE INDICATED COMBINATION OF HEMP FIBER BATT AND POLY ISO INSULATION IN ACCESSIBLE ATTIC SPACES AS SHOW ON SHEETS A300 & A301.
2. PROVIDE LOOSE FILL INSULATION IN SLOPED CEILINGS, DORMERS & CHEEKWALLS. MIN. R = 3.6/INCH, TYP. FILL SPACES TO CAPACITY. IN SPACES BETWEEN DORMERS ON MAIN ROOF AND WEST WING, REPLACE DAMAGED & DETERIORATED INTERIOR SHEATHING TO CONTAIN LOOSE FILL INSULATION. ASSUME 20% SHEATHING REPLACEMENT. INSERT LOOSE FILL INSULATION ONLY BY ACCESSING ENCLOSED LOCATIONS FROM ATTIC SPACES OR BY CUTTING ACCESS HOLES THROUGH ROOF DECK. PATCH ANY HOLES CUT THROUGH ROOF DECK IN KIND. DO NOT DAMAGE INTERIOR FINISHES.

EXTERIOR WALLS:

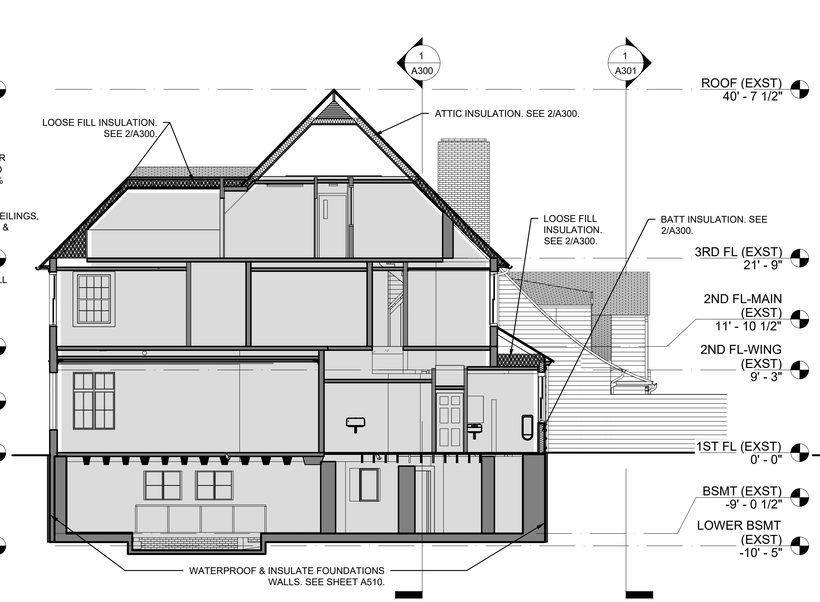
3. PROVIDE HEMP FIBER BATT INSULATION WHERE EXTERIOR SIDING AND SHEATHING ARE TO BE REMOVED FOR STUD REPLACEMENT. SEE SHEETS A200, A201, A600 & STRUCTURAL DRAWINGS FOR LOCATIONS AND THICKNESS.



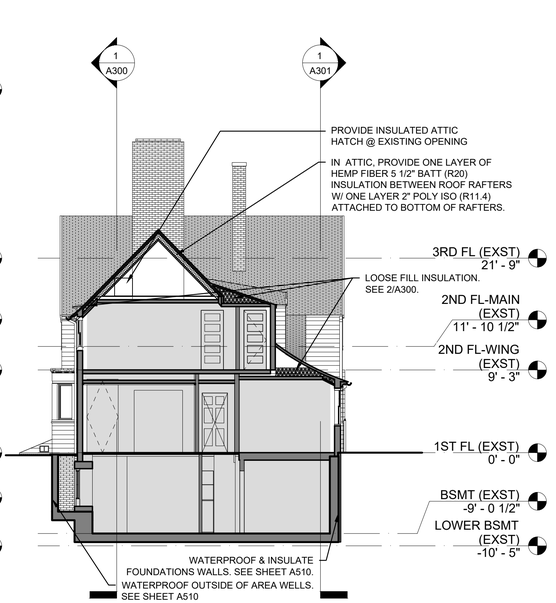
1 E-W SECTION
1/8" = 1'-0"



2 N-S SECTION @ MAIN
1/8" = 1'-0"



3 N-S SECTION @ MAIN @ HIP WINGS
1/8" = 1'-0"



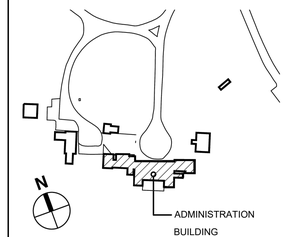
4 N-S SECTION @ WEST WING
1/8" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

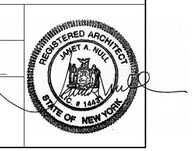
BUILDING SECTIONS

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

DATE:
10 SEPTEMBER 2024

DRAWING NO.:

A300



LEGEND

AREA OF NO WORK

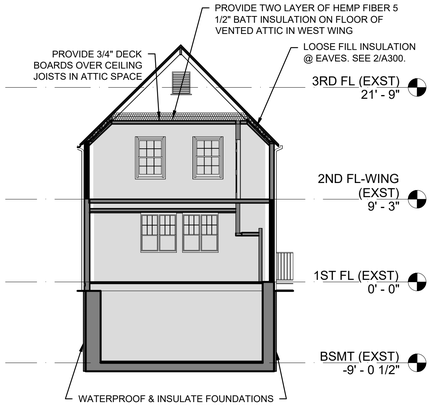
INSULATION NOTES:

ROOF/ATTIC:

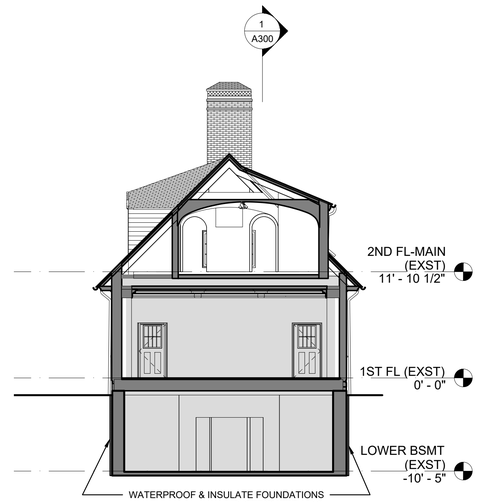
1. PROVIDE INDICATED COMBINATION OF HEMP FIBER BATT AND POLY ISO INSULATION IN ACCESSIBLE ATTIC SPACES AS SHOW ON SHEETS A300 & A301.
2. PROVIDE LOOSE FILL INSULATION IN SLOPED CEILINGS, DORMERS & CHEEKWALLS. MIN. R = 3.6/INCH, TYP. FILL SPACES TO CAPACITY. IN SPACES BETWEEN DORMERS ON MAIN ROOF AND WEST WING, REPLACE DAMAGED & DETERIORATED INTERIOR SHEATHING TO CONTAIN LOOSE FILL INSULATION. ASSUME 20% SHEATHING REPLACEMENT. INSERT LOOSE FILL INSULATION ONLY BY ACCESSING ENCLOSED LOCATIONS FROM ATTIC SPACES OR BY CUTTING ACCESS HOLES THROUGH ROOF DECK. PATCH ANY HOLES CUT THROUGH ROOF DECK IN KIND. DO NOT DAMAGE INTERIOR FINISHES.

EXTERIOR WALLS:

3. PROVIDE HEMP FIBER BATT INSULATION WHERE EXTERIOR SIDING AND SHEATHING ARE TO BE REMOVED FOR STUD REPLACEMENT. SEE SHEETS A200, A201, A600 & STRUCTURAL DRAWINGS FOR LOCATIONS AND THICKNESS.



1 E-W SECTION @ FRONT WALL OF WEST WING
1/8" = 1'-0"



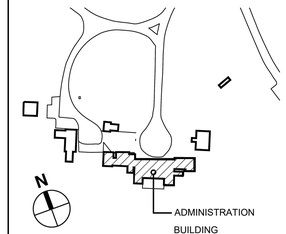
2 N-S SECTION @ CENTER OF EAST WING
1/8" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior

SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:

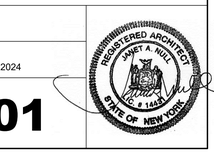
BUILDING SECTIONS

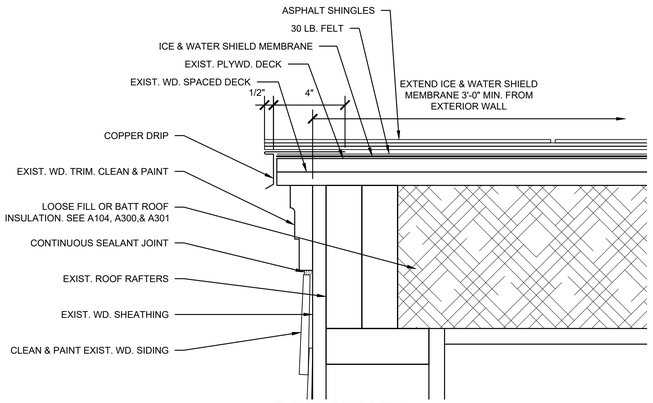
SCALE:
1/8" = 1'-0"

DATE:
10 SEPTEMBER 2024

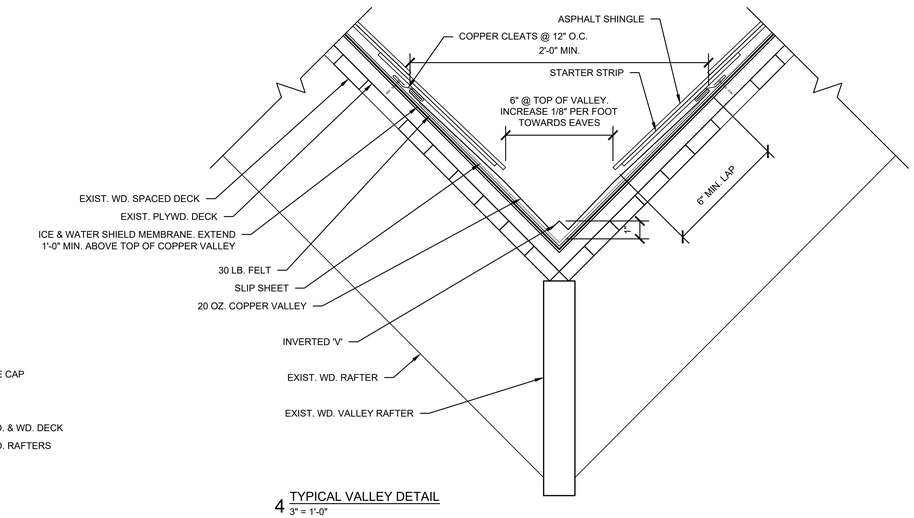
DRAWING NO.:

A301

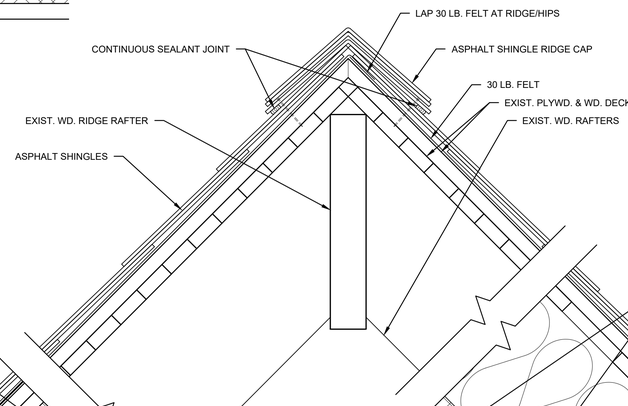




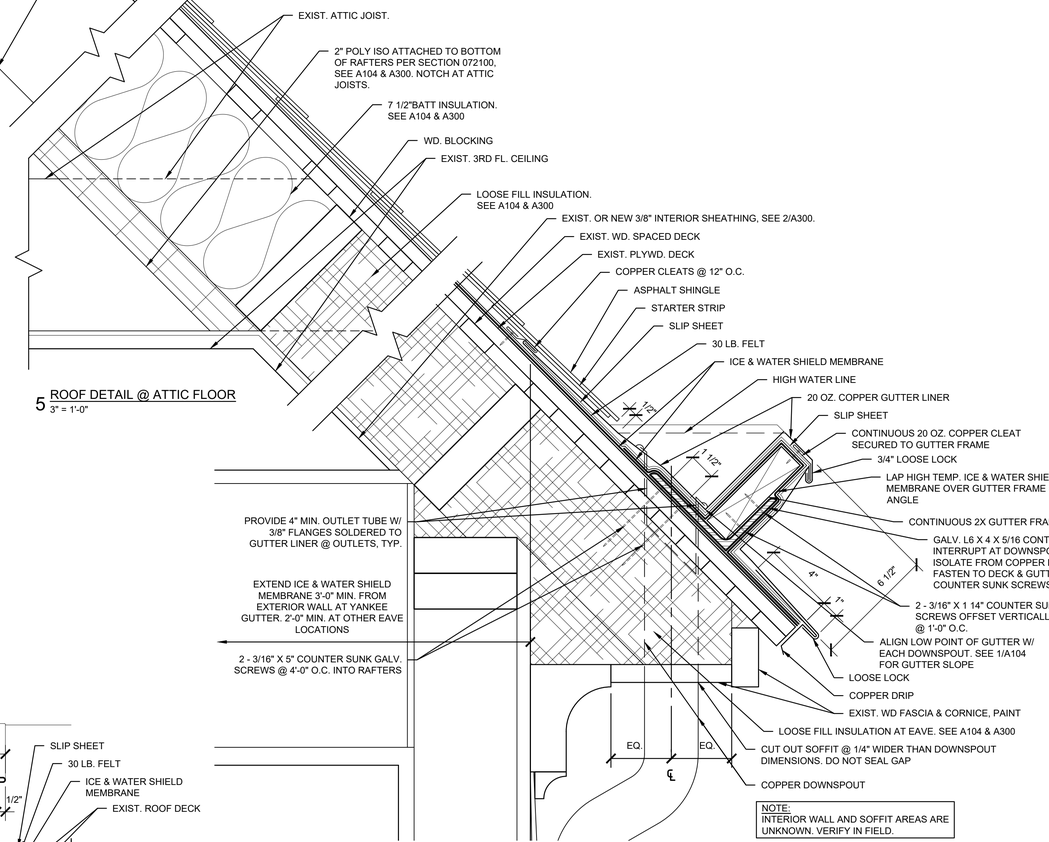
1 TYPICAL RAKE DETAIL
3" = 1'-0"



4 TYPICAL VALLEY DETAIL
3" = 1'-0"

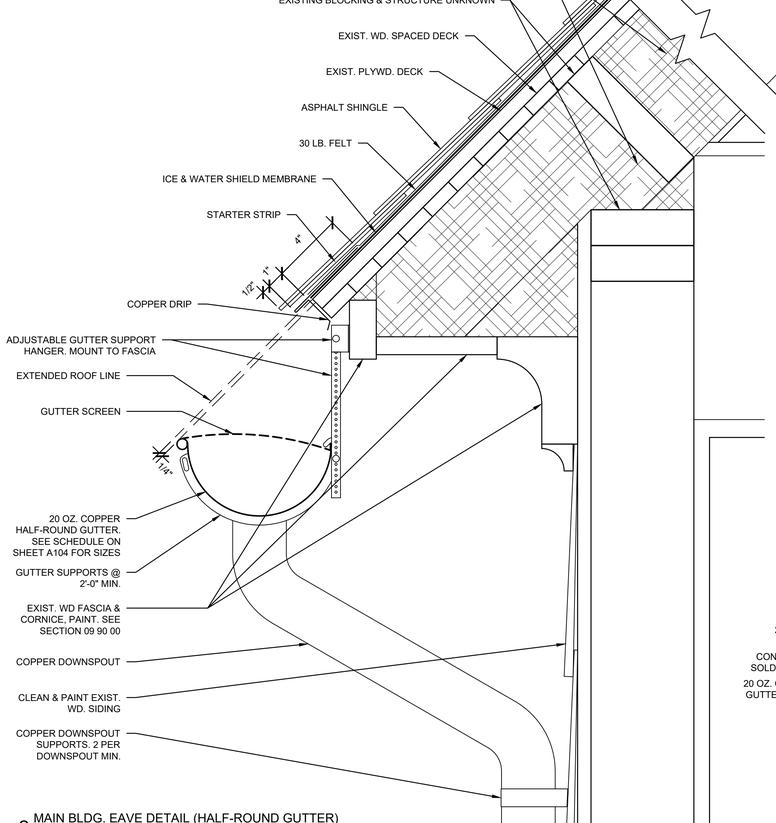


3 TYPICAL RIDGE DETAIL (HIPS SIM.)
3" = 1'-0"

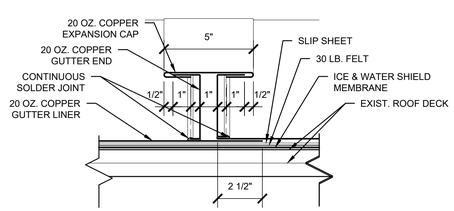


7 MAIN BLDG. EAVE DETAIL (YANKEE GUTTER)
3" = 1'-0"

5 ROOF DETAIL @ ATTIC FLOOR
3" = 1'-0"



2 MAIN BLDG. EAVE DETAIL (HALF-ROUND GUTTER)
3" = 1'-0"

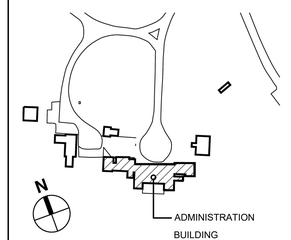


6 GUTTER EXPANSION JOINT DETAIL
3" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Adelaide Environmental Health
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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

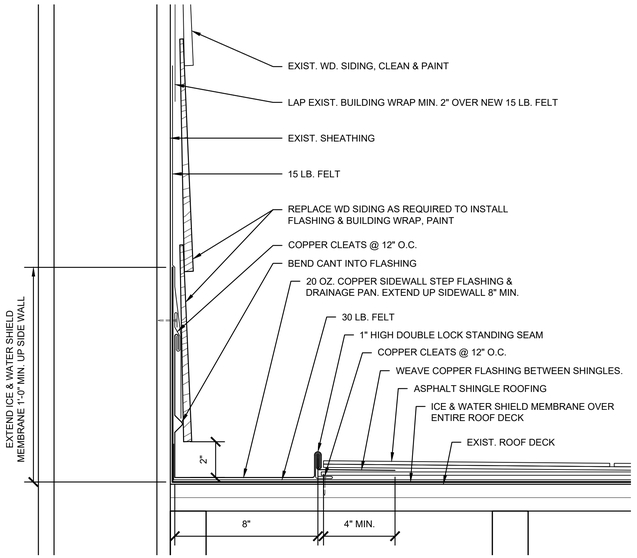
DRAWING TITLE:
ROOF DETAILS - MAIN BUILDING

SCALE:
AS INDICATED

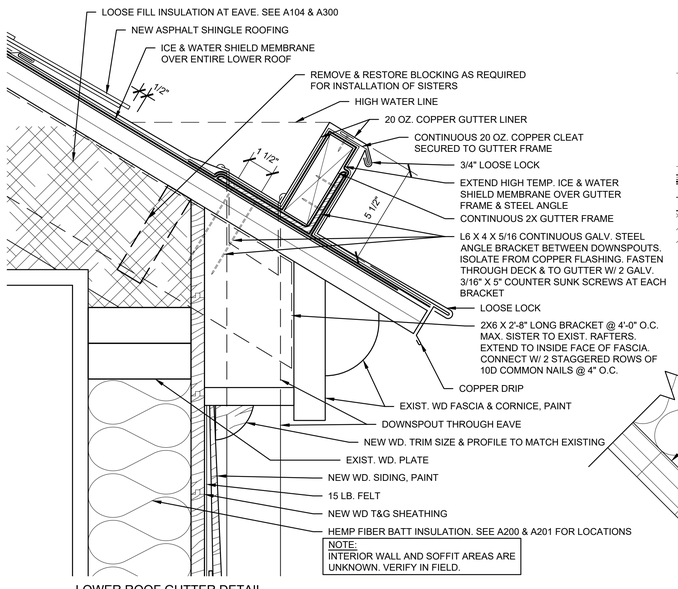
DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A500

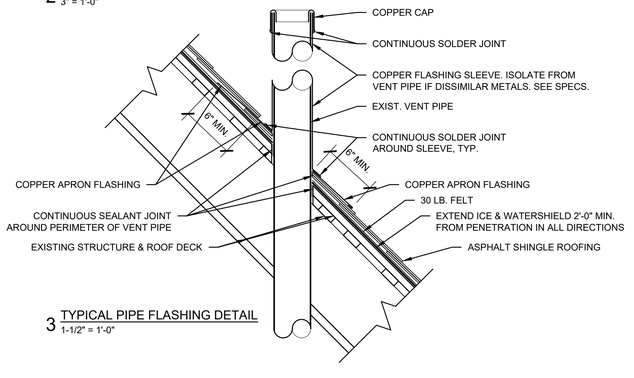
REGISTERED ARCHITECT ROBERT A. RUDY 014628 STATE OF NEW YORK



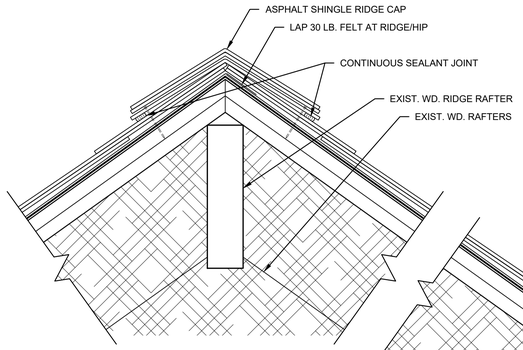
1 DRAINAGE PAN SIDEWALL DETAIL
3" = 1'-0"



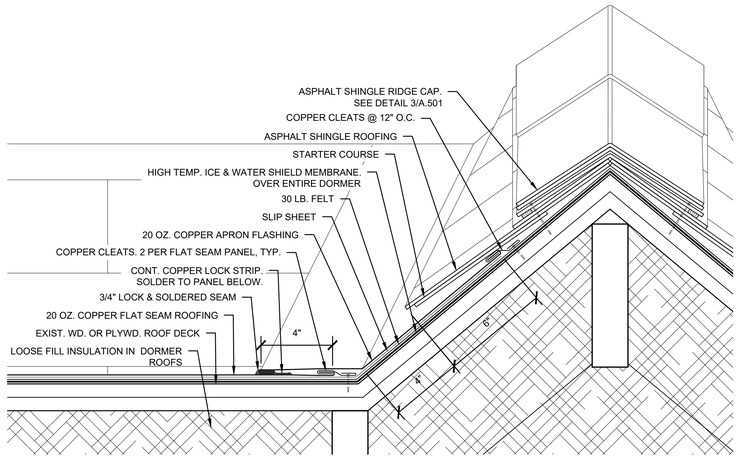
2 LOWER ROOF GUTTER DETAIL
3" = 1'-0"



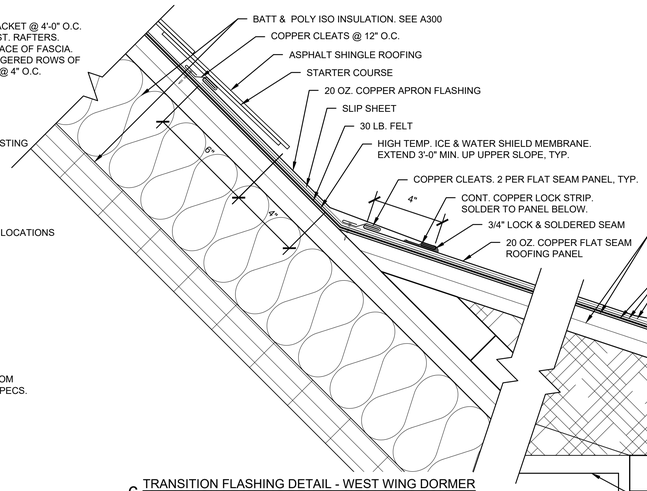
3 TYPICAL PIPE FLASHING DETAIL
1-1/2" = 1'-0"



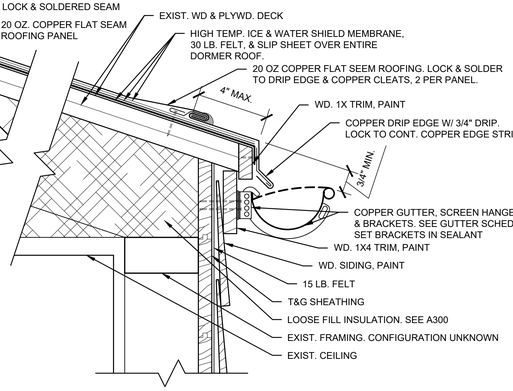
4 TYPICAL DORMER RIDGE DETAIL
3" = 1'-0"



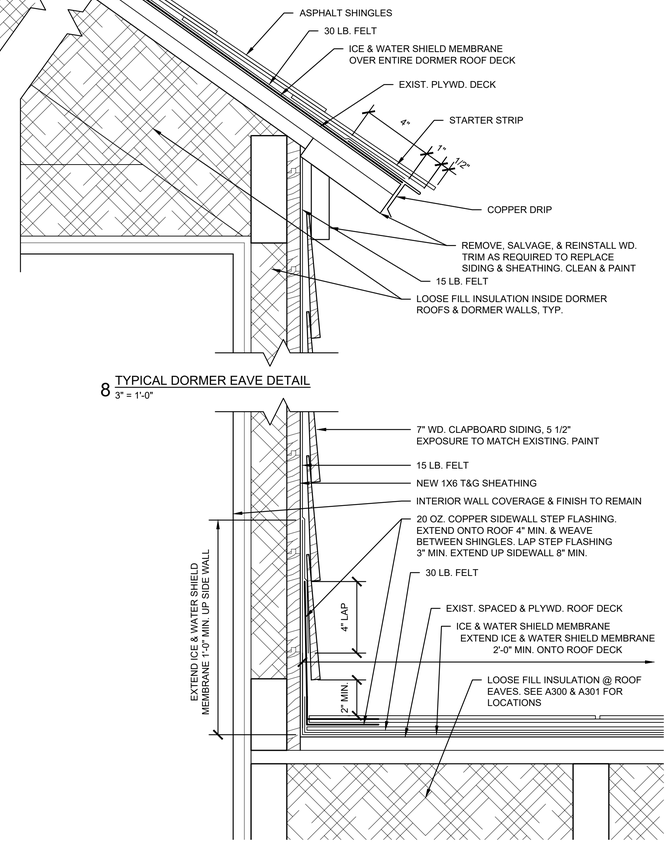
5 WEST WING DORMER DETAIL
3" = 1'-0"



6 TRANSITION FLASHING DETAIL - WEST WING DORMER
3" = 1'-0"

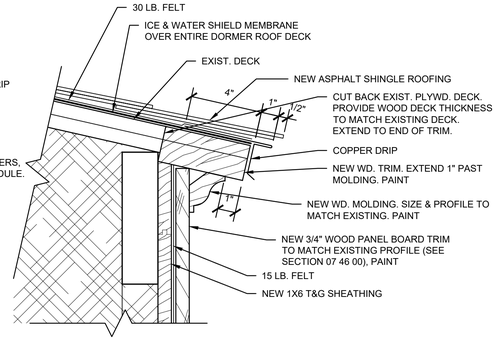


7 EAVE DETAIL - WEST WING DORMER
3" = 1'-0"



8 TYPICAL DORMER EAVE DETAIL
3" = 1'-0"

9 TYPICAL DORMER BASE DETAIL
3" = 1'-0"

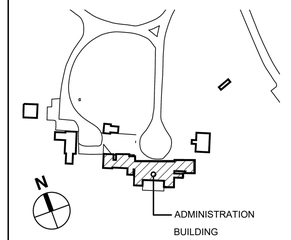


10 TYPICAL DORMER RAKE DETAIL
3" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
SUCF #291036-02
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Building Exterior
SUNY Purchase College
Purchase, NY 10577

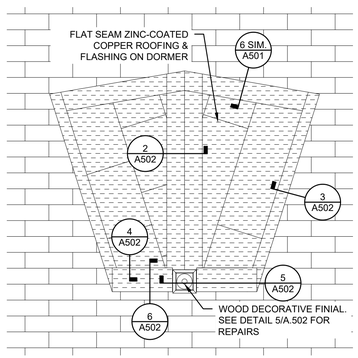
DRAWING TITLE:
ROOF DETAILS - MAIN BUILDING & DORMERS

SCALE:
AS INDICATED

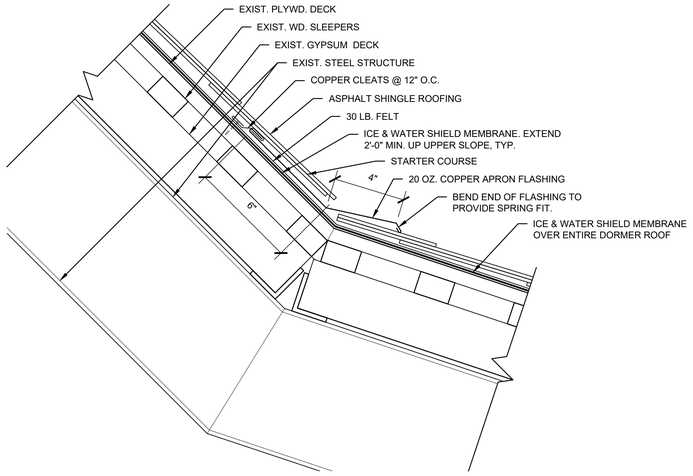
DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A501

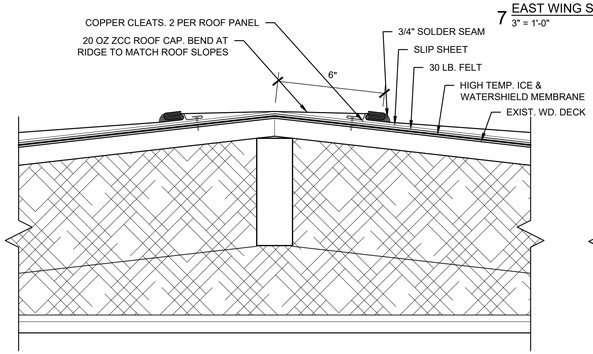
REGISTERED ARCHITECT JANET A. NUNZ LIC. # 14434 STATE OF NEW YORK



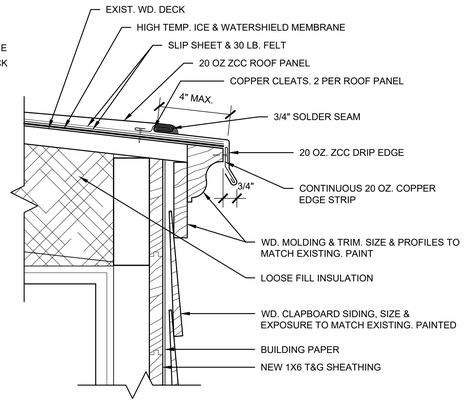
1 ROOF PLAN - MAIN ROOF CENTER DORMER
1/2" = 1'-0"



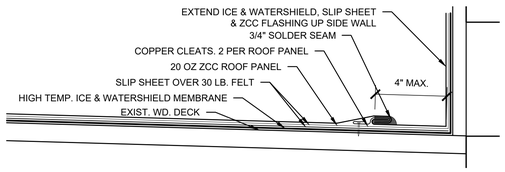
7 EAST WING SHED DORMER TRANSITION FLASHING DETAIL
3" = 1'-0"



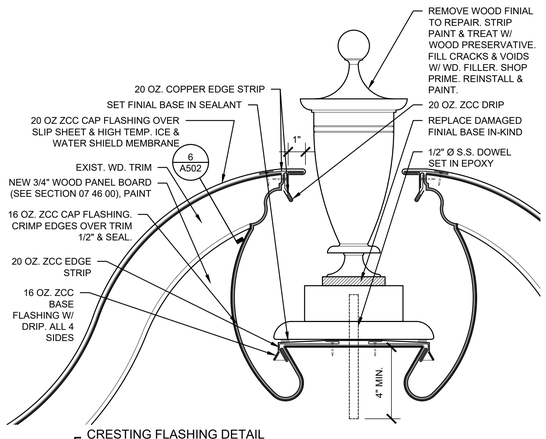
2 RIDGE DETAIL - MAIN ROOF CENTER DORMER
3" = 1'-0"



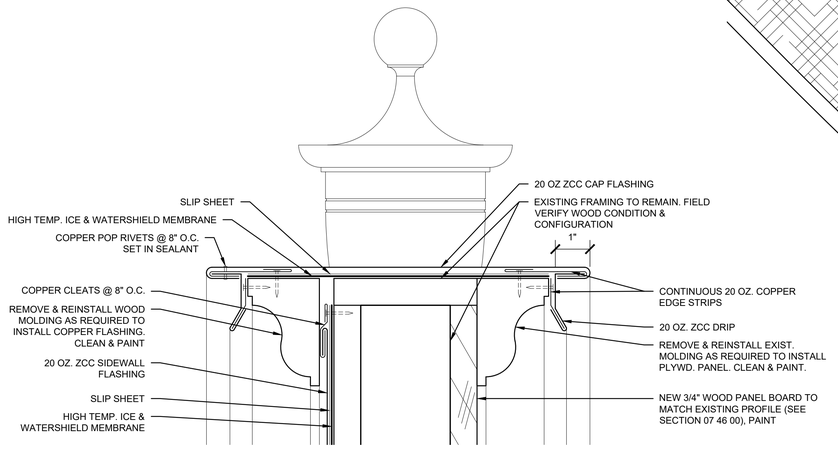
3 EAVE DETAIL - MAIN ROOF CENTER DORMER
3" = 1'-0"



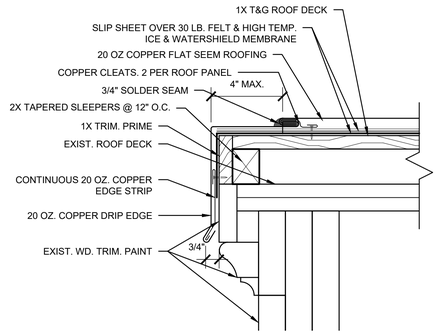
4 CRESTING BASE FLASHING DETAIL
3" = 1'-0"



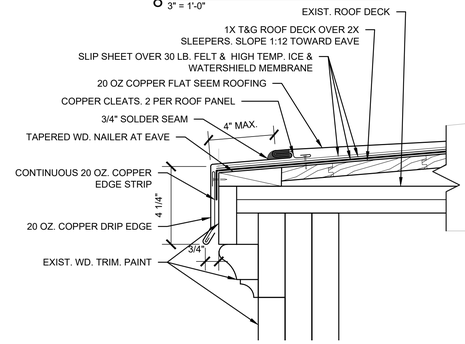
5 CRESTING FLASHING DETAIL
3" = 1'-0"



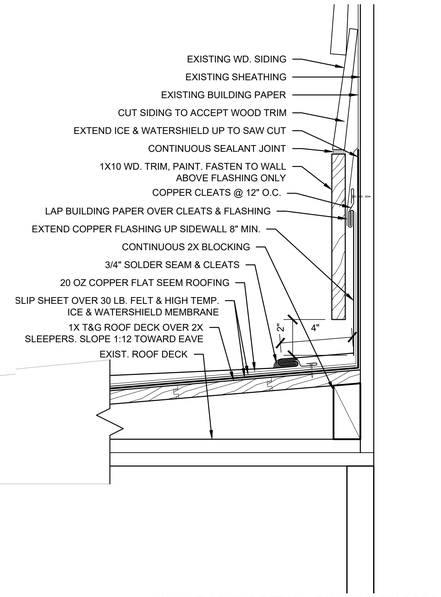
6 CRESTING CAP FLASHING DETAIL
6" = 1'-0"



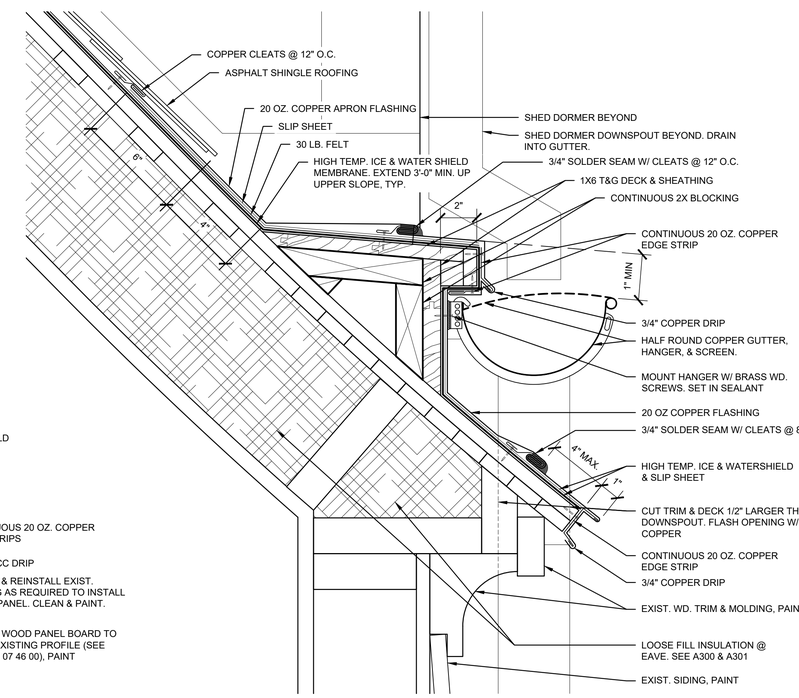
8 RAKE DETAIL - BAY WINDOW ROOF
3" = 1'-0"



9 EAVE DETAIL - BAY WINDOW ROOF
3" = 1'-0"



10 WALL FLASHING DETAIL - BAY WINDOW ROOF
3" = 1'-0"

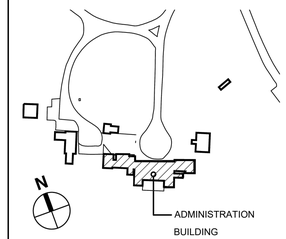


11 INFILL ROOF EVE DETAIL - WEST WING
3" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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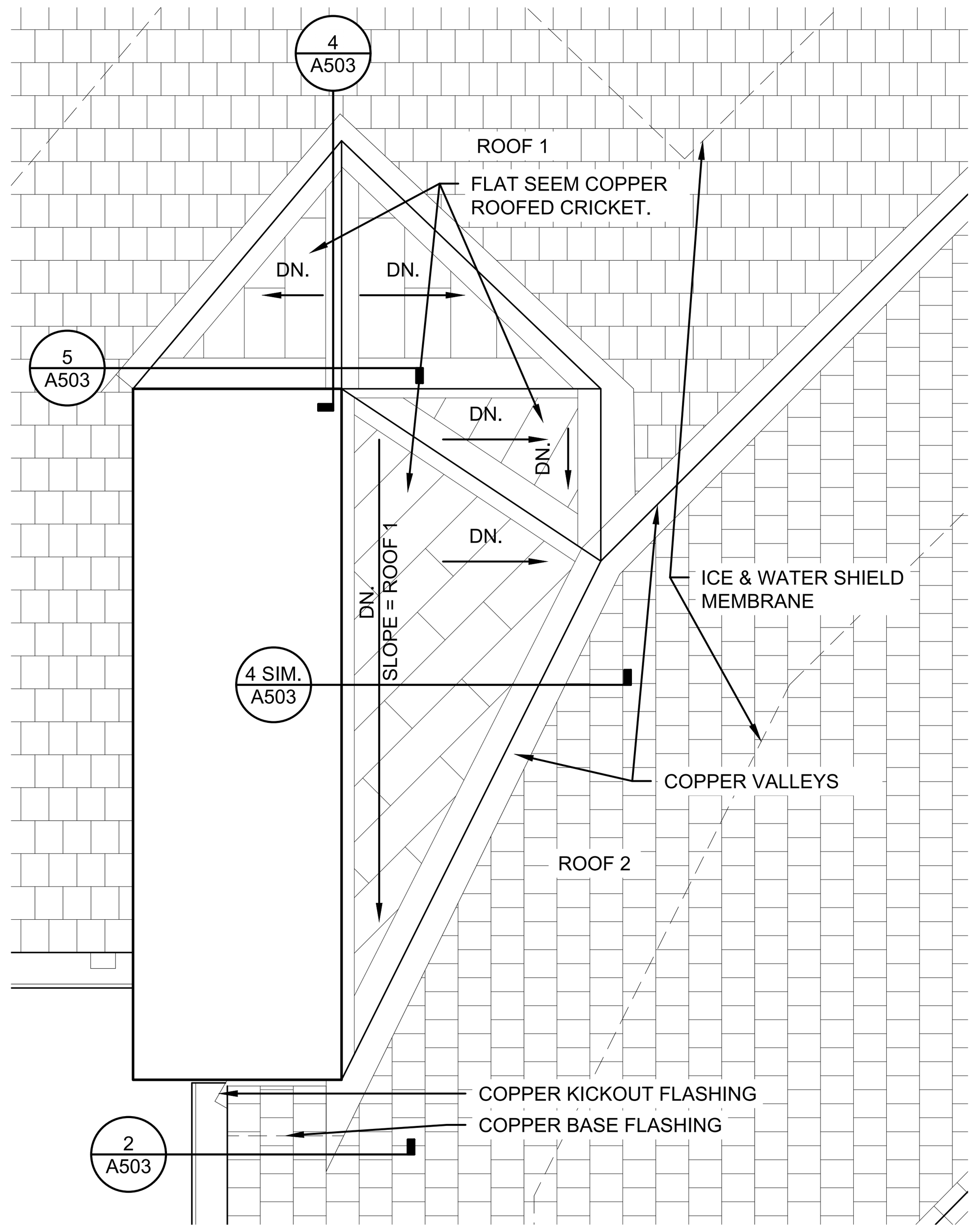
PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
ROOF DETAILS - DORMER, BAY, EAST & WEST WING

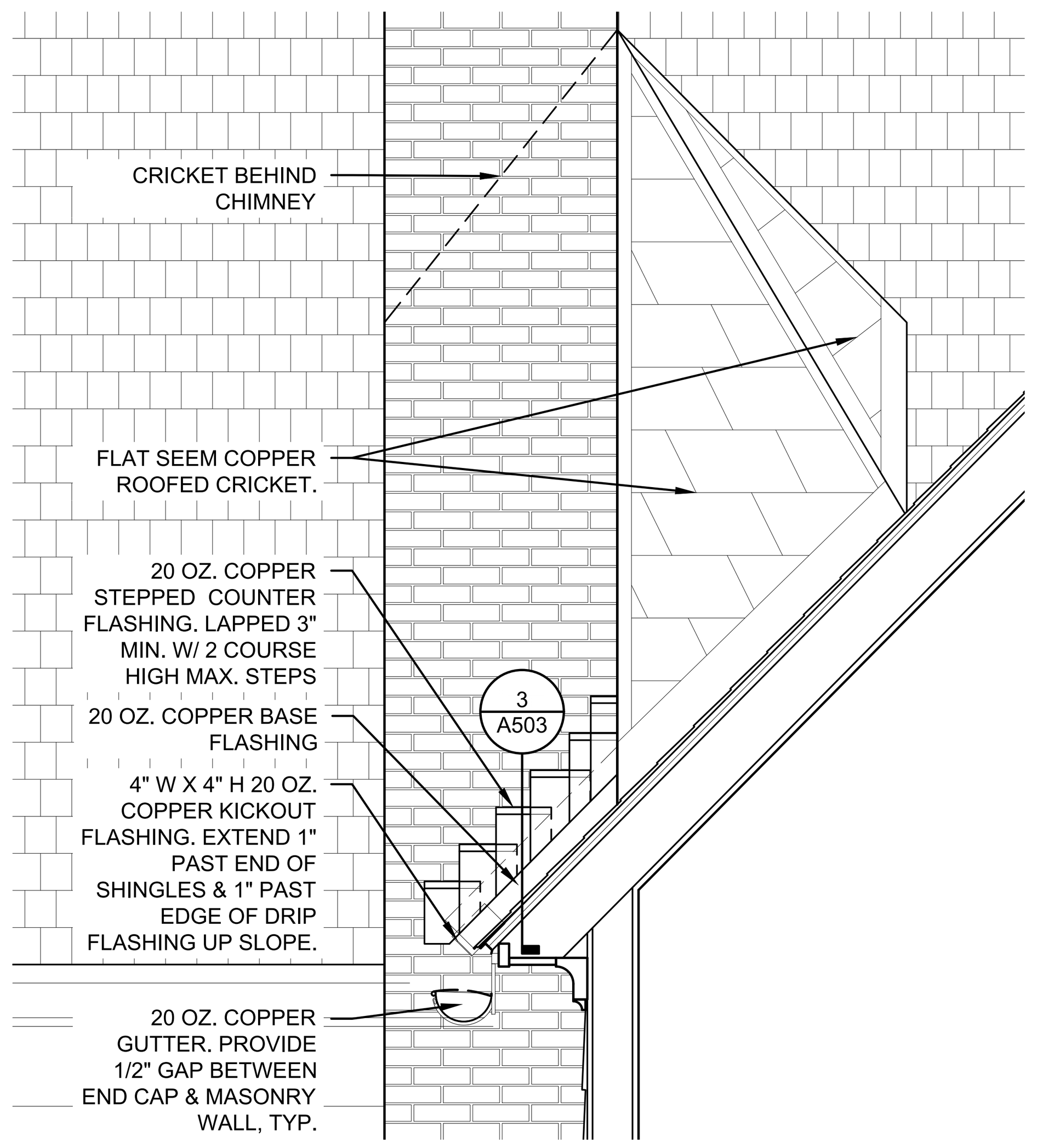
SCALE:
AS INDICATED

DATE:
10 SEPTEMBER 2024

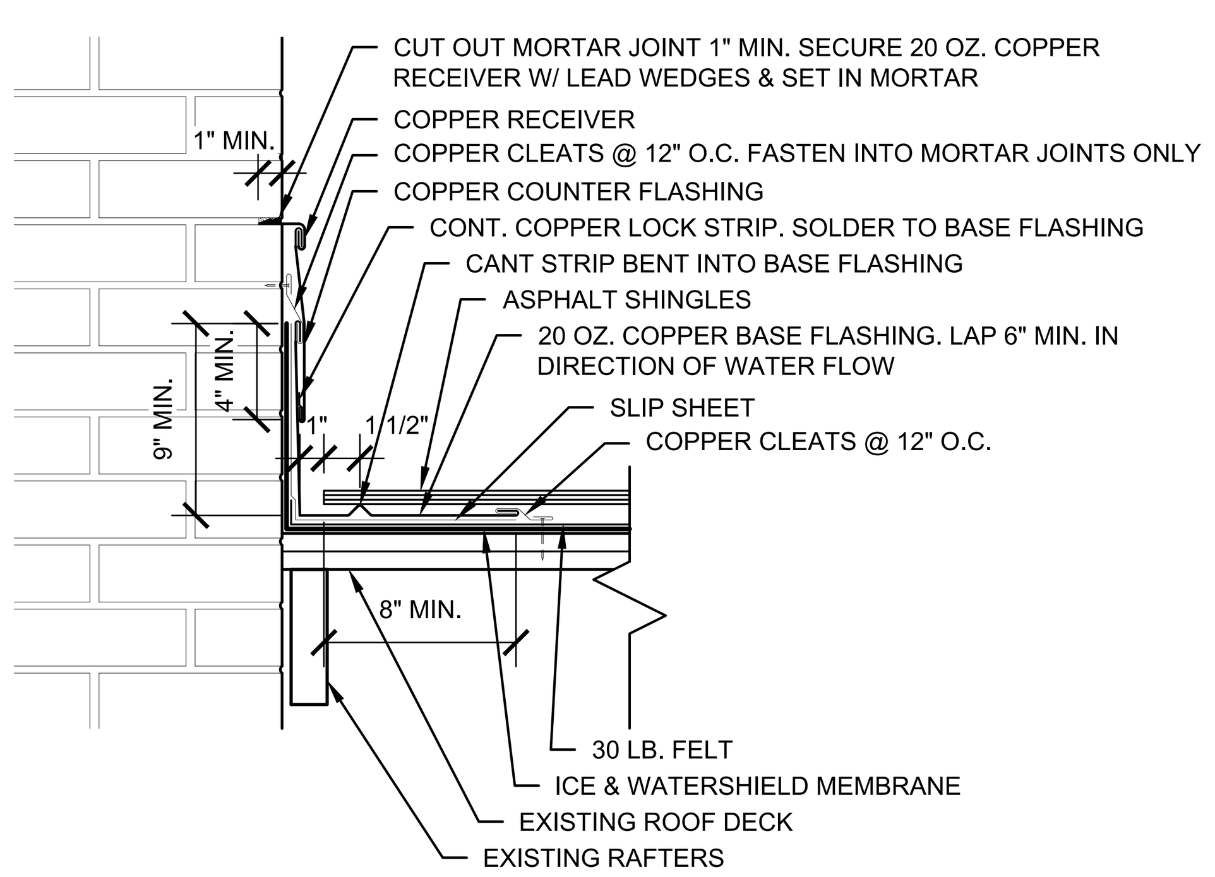
DRAWING NO.:
A502



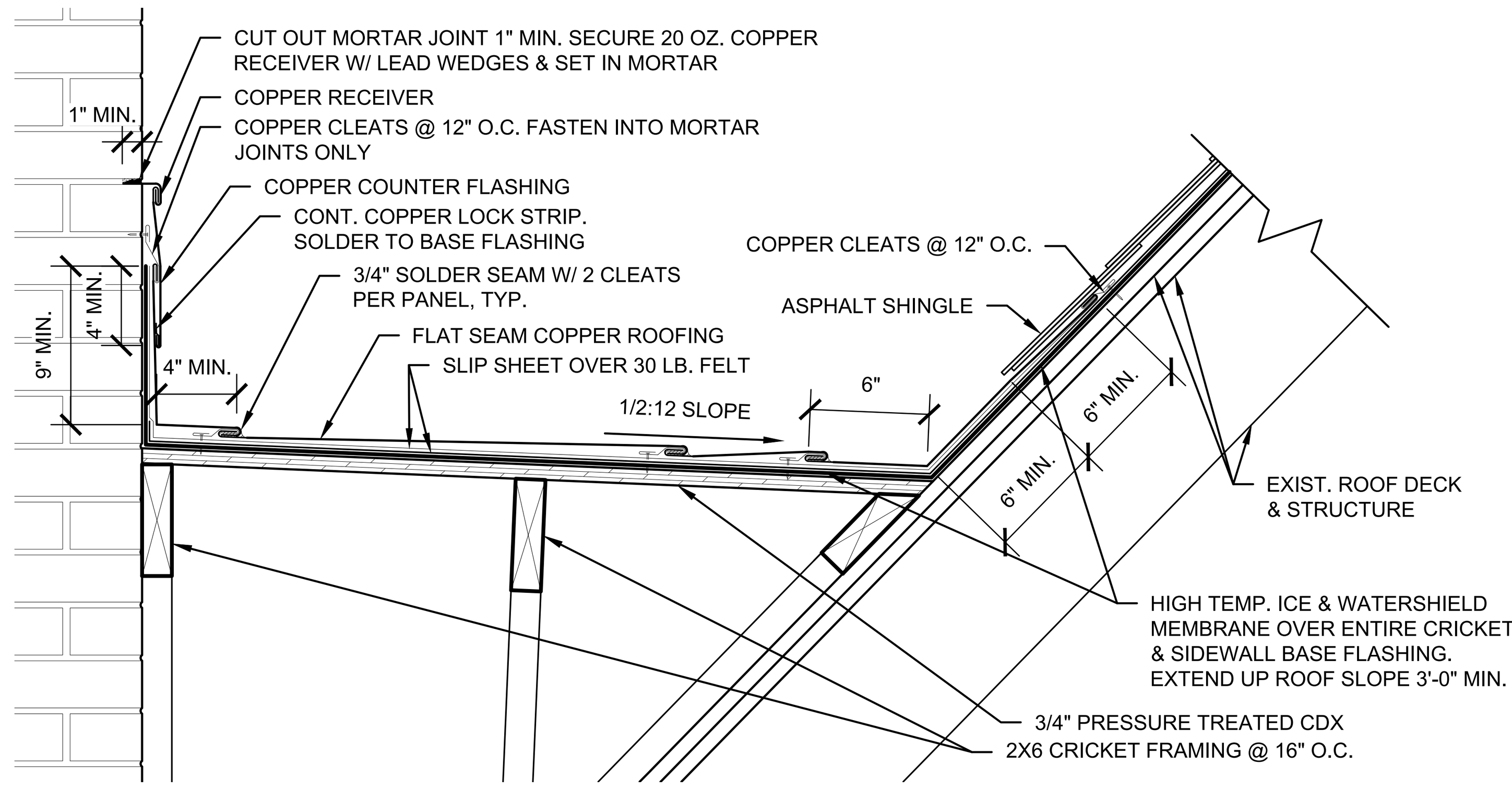
1 CHIMNEY CRICKET PLAN
1/2" = 1'-0"



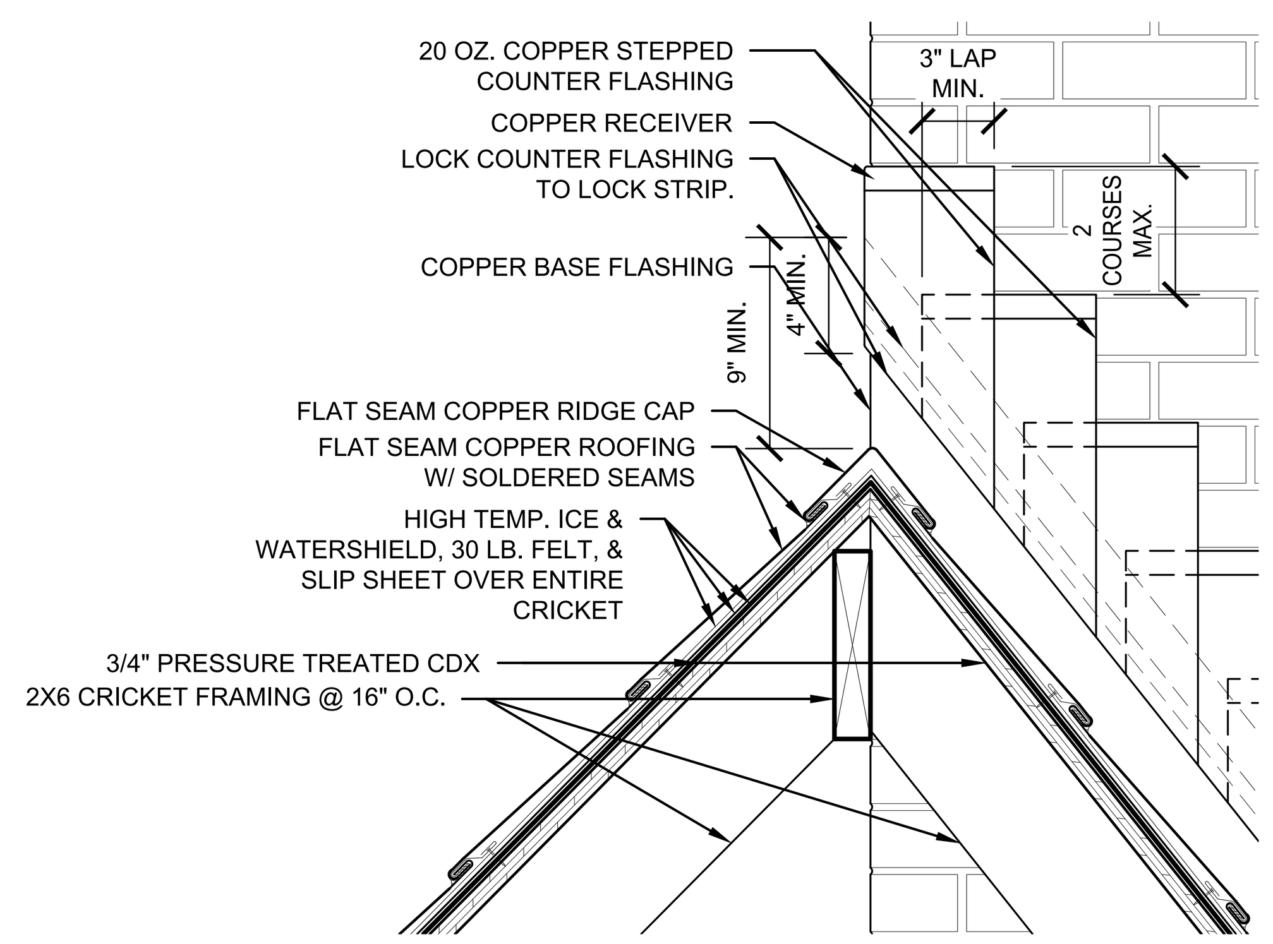
2 CHIMNEY STEP FLASHING DETAIL
1/2" = 1'-0"



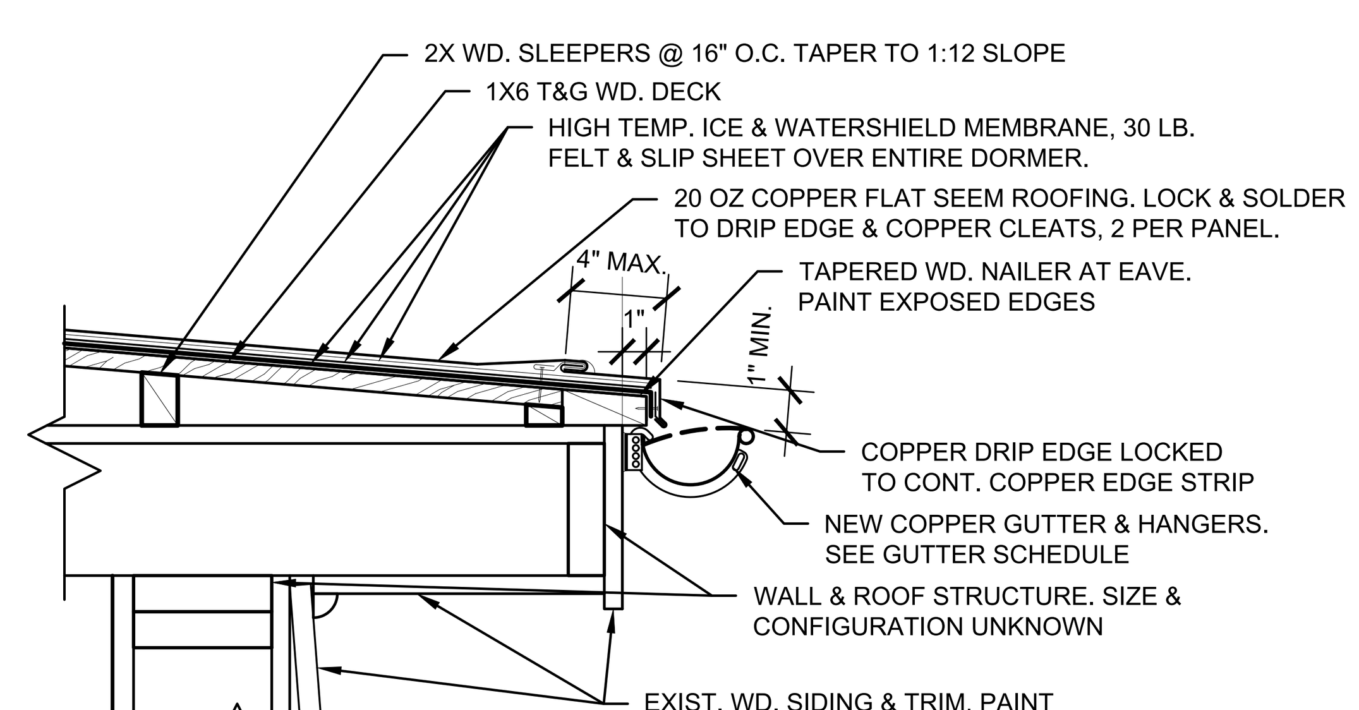
3 BASE FLASHING DETAIL @ CHIMNEY
1-1/2" = 1'-0"



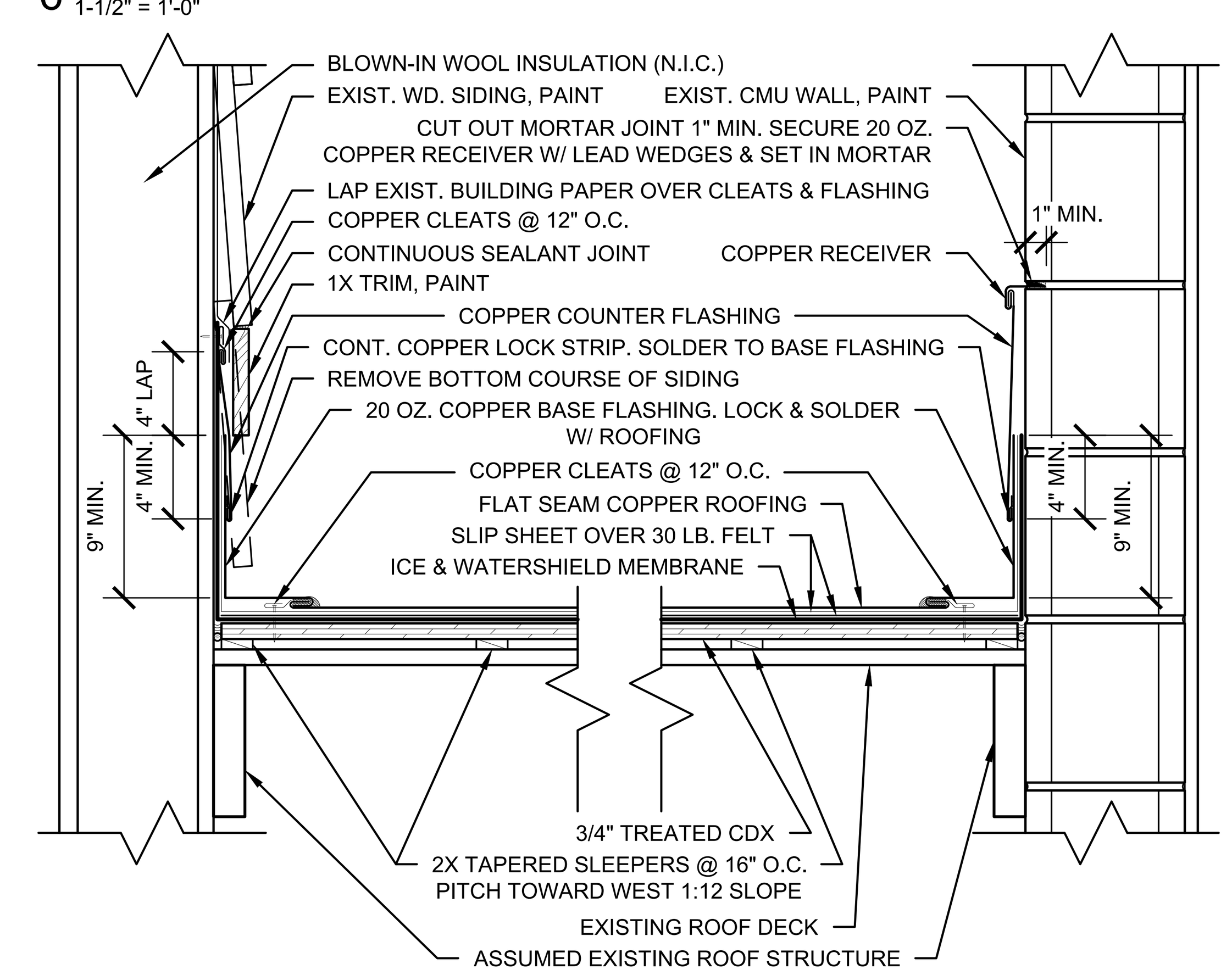
4 UPPER CHIMNEY CRICKET DETAIL
1-1/2" = 1'-0"



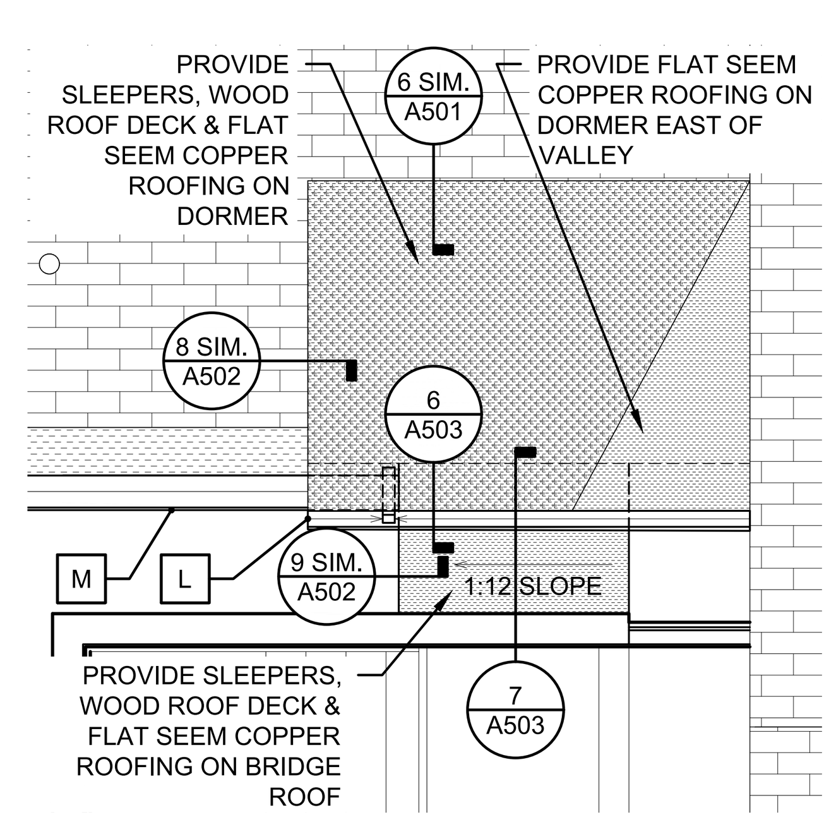
5 CHIMNEY CRICKET DETAIL
1-1/2" = 1'-0"



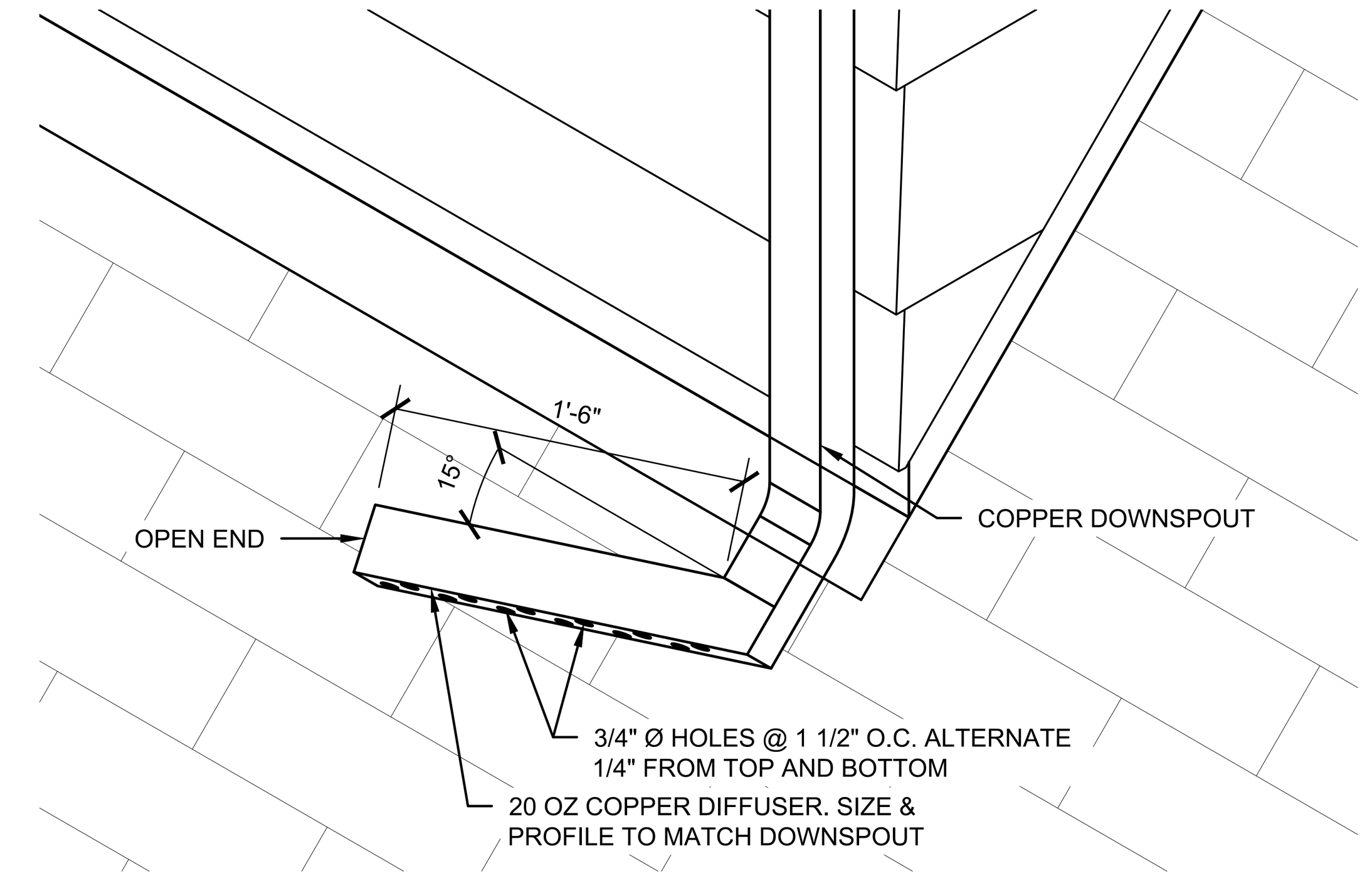
6 EAVE DETAIL - WEST WING SHED DORMER
1-1/2" = 1'-0"



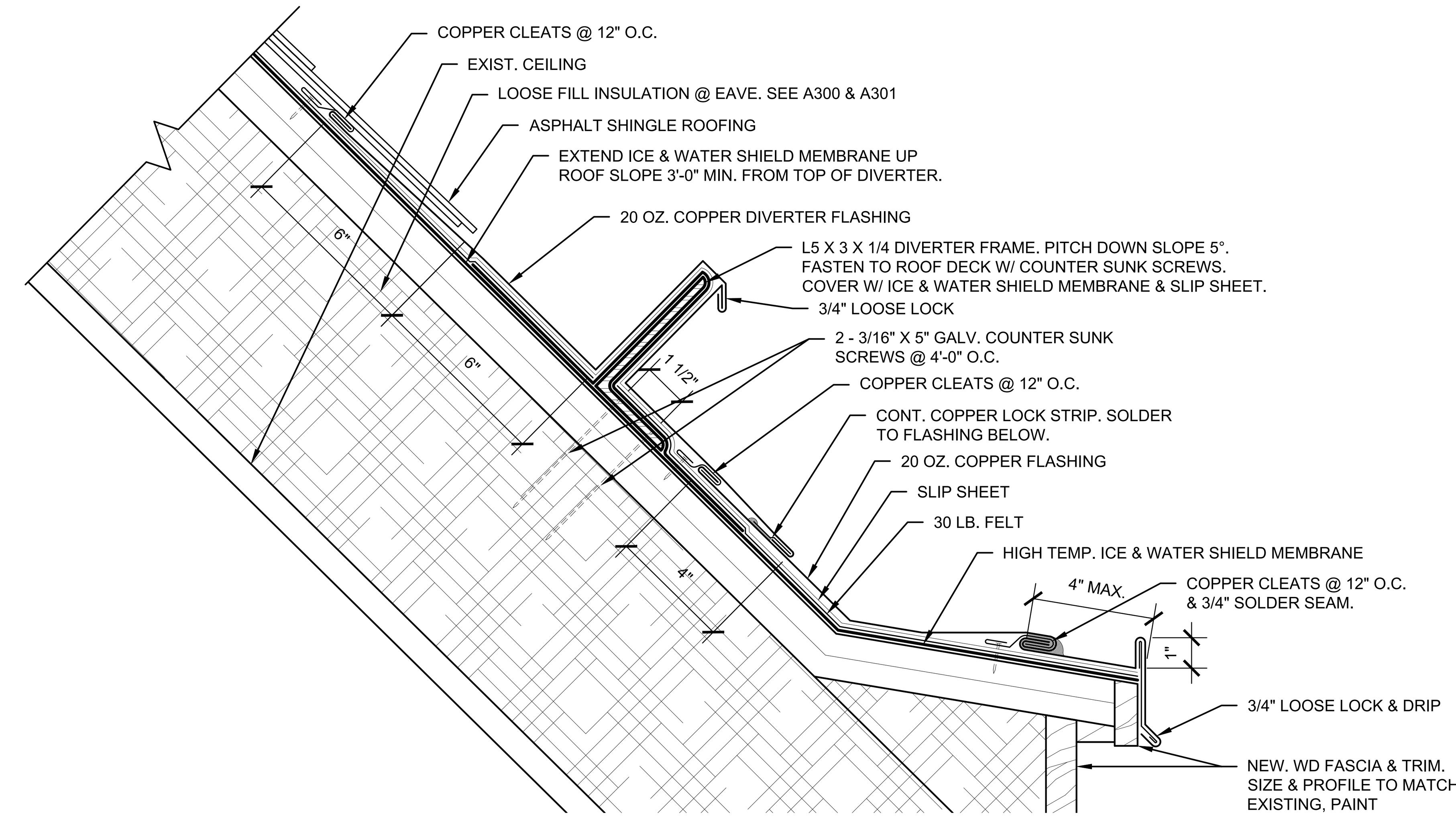
7 BRIDGE ROOF DETAIL
1-1/2" = 1'-0"



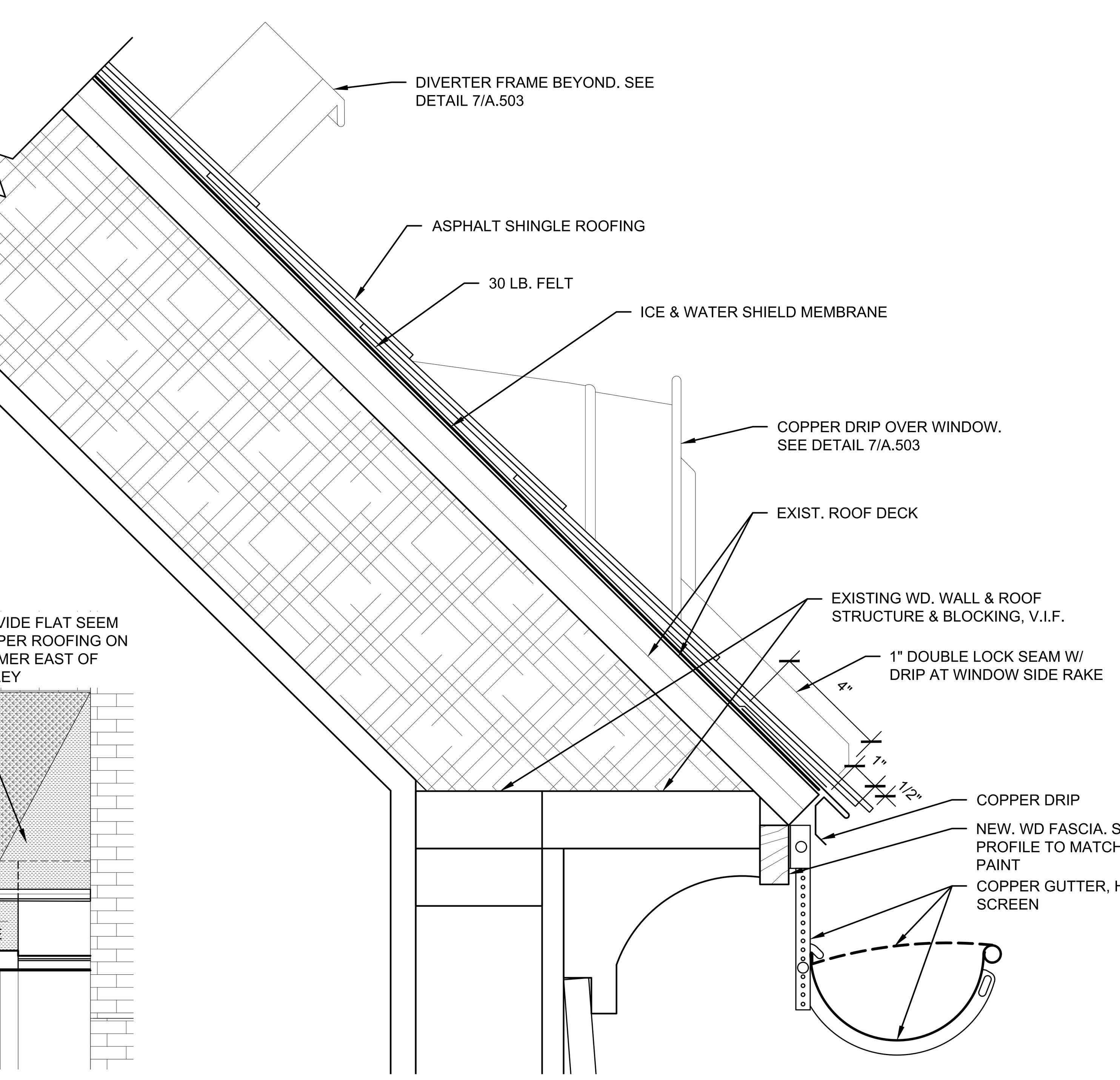
8 ENLARGED ROOF PLAN @ WEST WING DORMER
1/4" = 1'-0"



9 GUTTER OUTLET DIFFUSER
N.T.S.



10 DIVERTER DETAIL - WEST WING
3" = 1'-0"



11 EAVE DETAIL @ DIVERTER - WEST WING
3" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN

N

ADMINISTRATION BUILDING

PROJECT TEAM:

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

Argus Architecture & Preservation, P.C.
5 John Street, Waterford, NY 12188

A&J Consulting Engineering Services
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Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:
SUCF #291036-02
Rehab Administration Building Exterior
SUNY Purchase College
Purchase, NY 10577

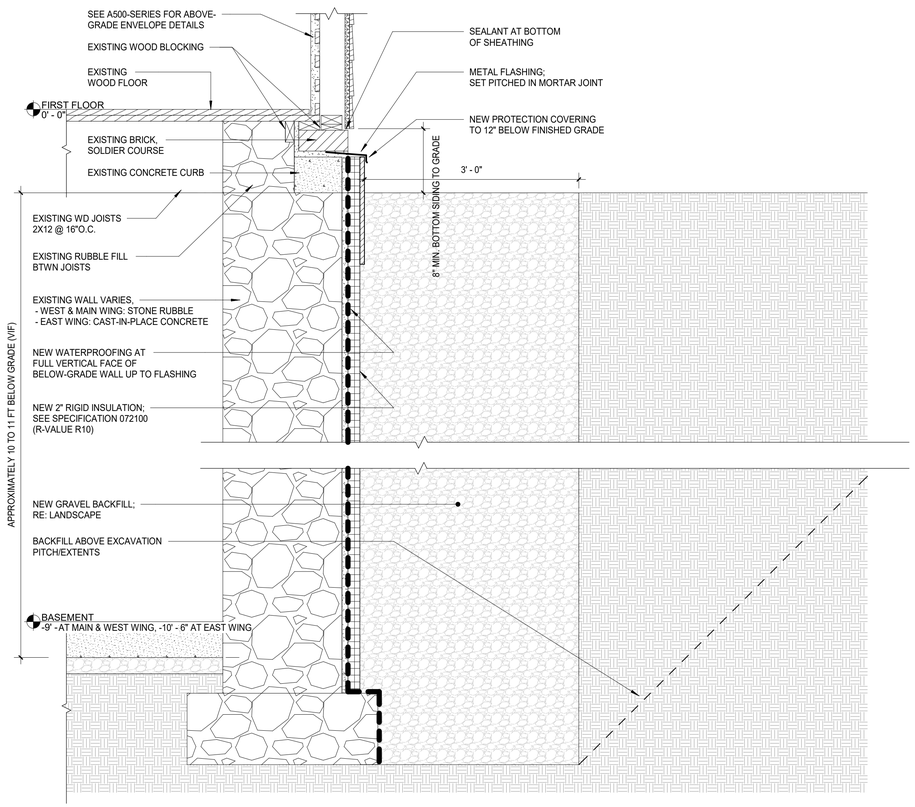
DRAWING TITLE:
MISC. ROOF DETAILS

SCALE:
AS INDICATED

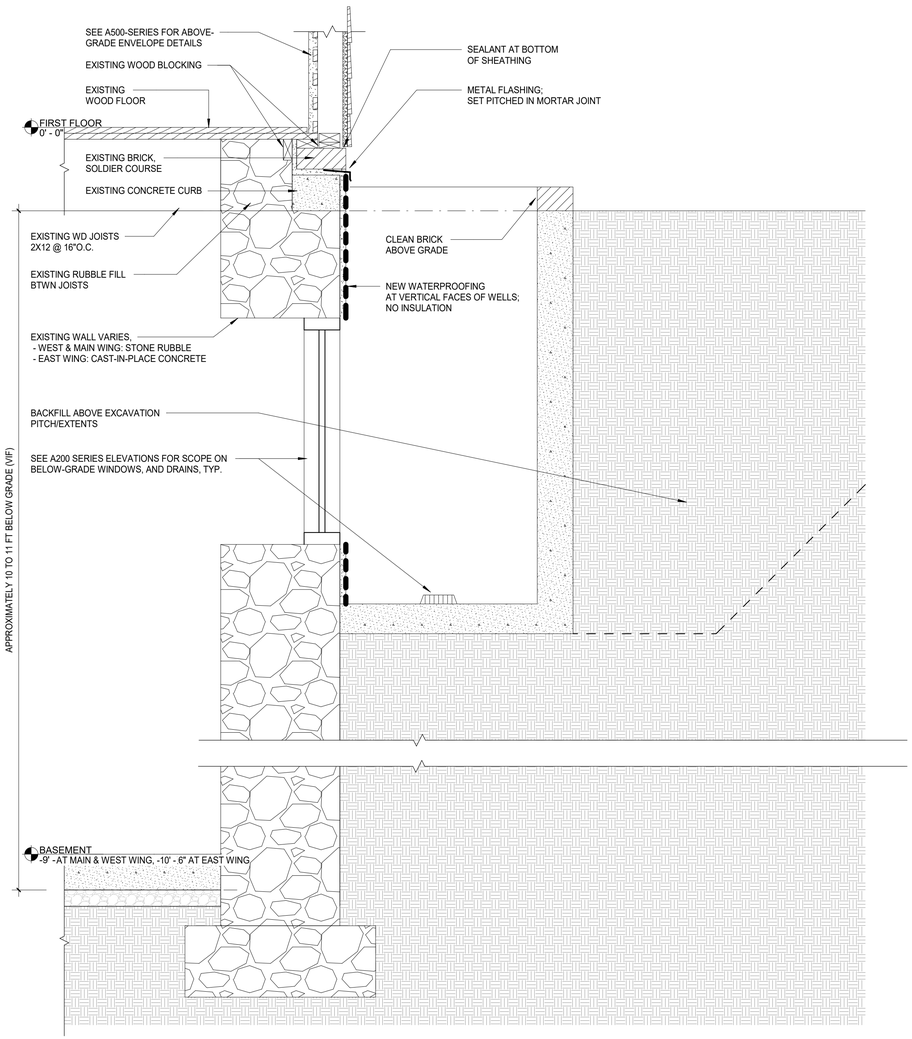
DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A503

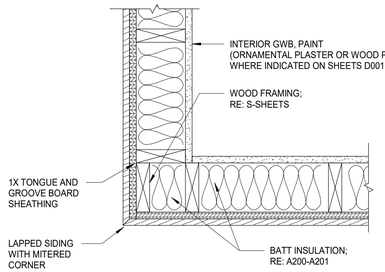
REGISTERED ARCHITECT JANET A. HULL LIC. # 14429 STATE OF NEW YORK



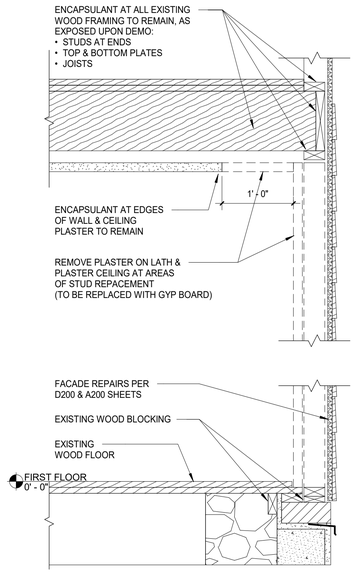
1 FOUNDATION WATERPROOFING DETAIL - WALL
1" = 1'-0"



2 FOUNDATION WATERPROOFING DETAIL - AREAWAY
1" = 1'-0"



3 DETAIL PLAN AT EXTERIOR WALL
1 1/2" = 1'-0"



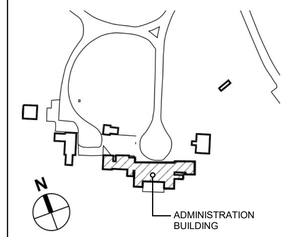
4 WALL DEMO & ABATEMENT DETAIL
1" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:

SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

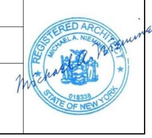
DRAWING TITLE:

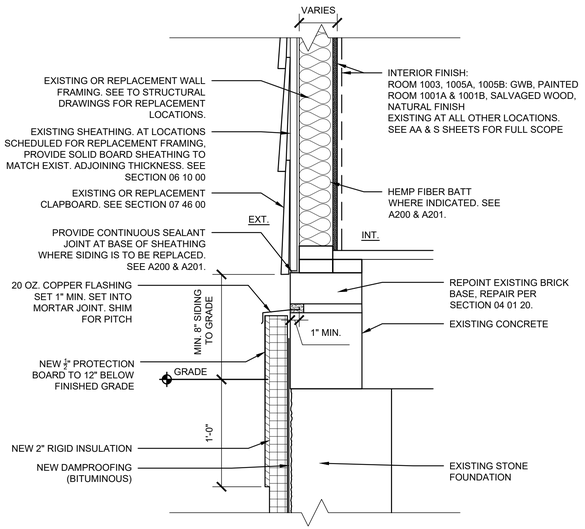
EXTERIOR DETAILS

SCALE:
As indicated

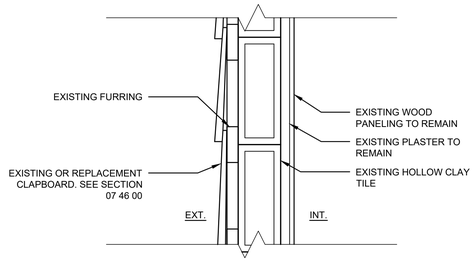
DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A510

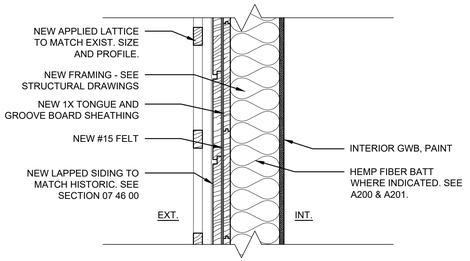




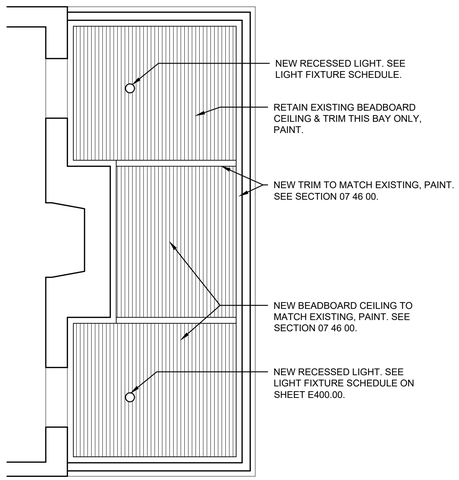
1 TYP. WALL SECTION
1-1/2" = 1'-0"



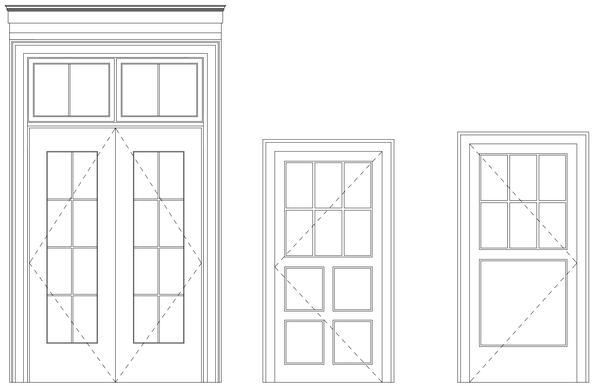
2 EAST WING CLAY TILE WALL SECTION
1-1/2" = 1'-0"



3 NORTH ELEV. WALL SECTION
1-1/2" = 1'-0"



4 EAST WING PORCH REFLECTED CEILING PLAN
1/4" = 1'-0"



TYPE A TYPE B TYPE C

EXTERIOR DOOR TYPES

EXTERIOR DOOR SCHEDULE

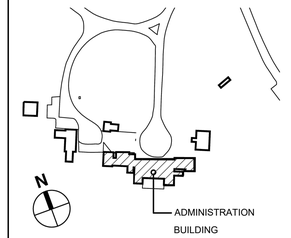
LEVEL	NUMBER	TYPE		MATERIAL	EXISTING DOOR	REPLACEMENT DOOR	APPROX. EXISTING OPENING	DETAIL			HARDWARE SET	INTERIOR FINISH (4)	NOTES
								HEAD	JAMB	THRESHOLD			
LEVEL B	01	EXIST	SINGLE	WOOD	Y		3' x 6'5"				#1	EXIST	RETAIN & RESTORE. 1,2,3
LEVEL 1	02	EXIST	SINGLE	WOOD	Y		4'3" x 7'7"				EXIST	EXIST	RETAIN & RESTORE. 1,2,3
LEVEL 1	03	EXIST	SINGLE	WOOD	Y		2'8" x 7'5"				EXIST	EXIST	RETAIN & RESTORE. 1,2,3
LEVEL 1	04	EXIST	SINGLE	WOOD	Y		2'8" x 7'5"				EXIST	EXIST	RETAIN & RESTORE. 1,2,3
LEVEL 1	05	A	DOUBLE	WOOD		Y	4'11" x 7'2"	3 & 5/A.601	2 & 4/A.601	1/A.601	#2	N	
LEVEL 1	06	A	DOUBLE	WOOD		Y	4'11" x 7'2"	3 & 5/A.601	3 & 5/A.605	1/A.601	#2	P	NEW DOOR WITH SIDELIGHTS REPLACING EXISTING WINDOWS.
LEVEL 1	07	A	DOUBLE	WOOD		Y	4'11" x 7'2"	3 & 5/A.601	3 & 5/A.605	1/A.601	#2	P	
LEVEL 1	08	A	DOUBLE	WOOD		Y	4'11" x 7'2"	3 & 5/A.601	3 & 5/A.605	1/A.601	#2	P	NEW DOOR WITH SIDELIGHTS REPLACING EXISTING WINDOWS.
LEVEL 1	09	A	DOUBLE	WOOD		Y	4'11" x 7'2"	3 & 5/A.601	2 & 4/A.601	1/A.601	#2	N	
LEVEL 1	10	C	SINGLE	WOOD		Y	3' x 6'8"	9/A.602	7 & 8/A.602	6/A.602	#3	P	
LEVEL 1	11	B	SINGLE	WOOD		Y	3' x 7'	4/A.602	2 & 3/A.602	1/A.602	#4	P	
LEVEL 1	12	B	SINGLE	WOOD		Y	3' x 7'1"	4/A.602	2 & 3/A.602	1/A.602	#3	P	
LEVEL 2	13	C	SINGLE	WOOD		Y	3' x 6'10"	4/A.602	2 & 3/A.602	5/A.602	#3	P	
LEVEL 3	14	C	SINGLE	WOOD		Y	3' x 7'10"	4/A.602	2 & 3/A.602	5/A.602	#3	P	

NOTES:
1. REPAIR EXIST. DOOR PER SECTION 08 14 00
2. REPAIR & CLEAN OPERATING HARDWARE.
3. SCRAPE, SAND, AND PAINT EXTERIOR OF EXISTING WOOD DOORS PER SECTION 09 90 00
4. INTERIOR FINISH: P - PRIMED, U - UNFINISHED, N - NATURAL/STAINED FINISH

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

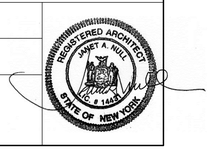
PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
WALL SECTIONS & EXTERIOR DOOR SCHEDULE

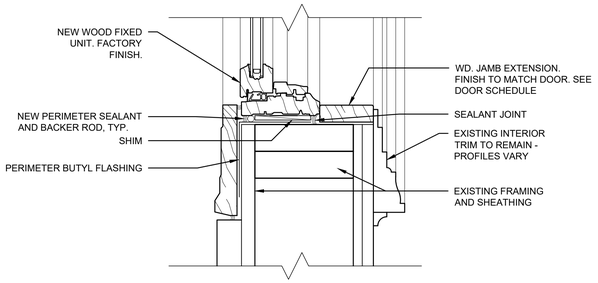
SCALE:
AS INDICATED

DATE:
10 SEPTEMBER 2024

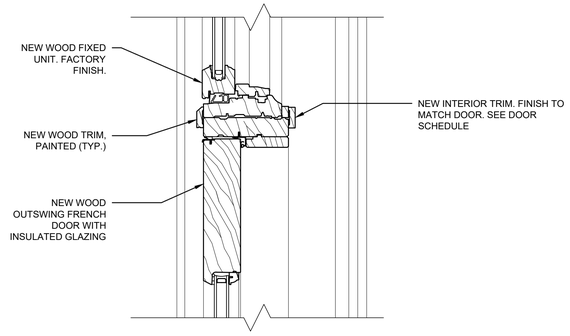
DRAWING NO.:
A600



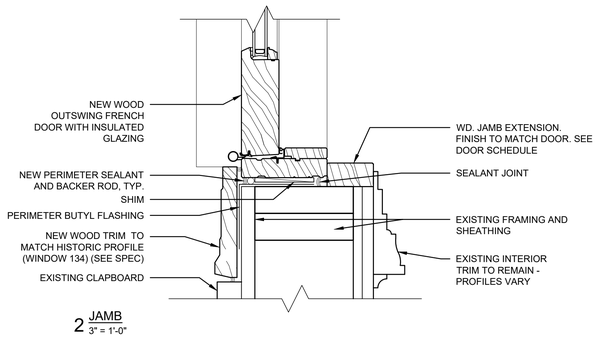
GENERAL NOTE:
PROTECT INTERIOR FLOORING AND EXISTING TRIM TO REMAIN DURING WORK. REPAIR ANY SURFACES DAMAGED FROM WORK TO PRE-CONSTRUCTION CONDITION.



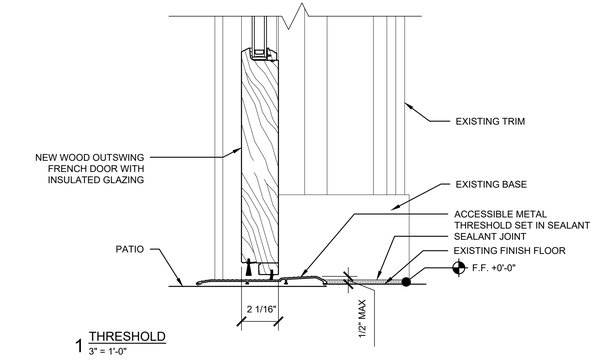
4 TRANSOM JAMB
3" = 1'-0"



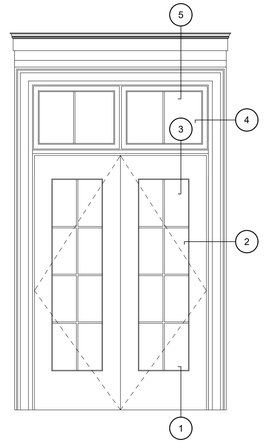
3 HEAD - TRANSOM SILL
3" = 1'-0"



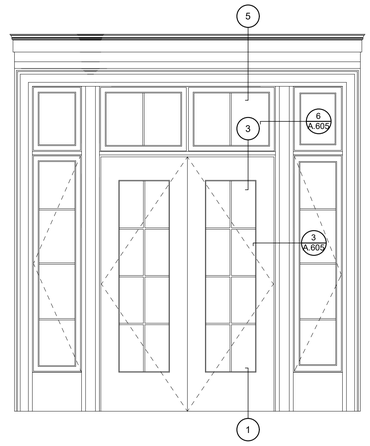
2 JAMB
3" = 1'-0"



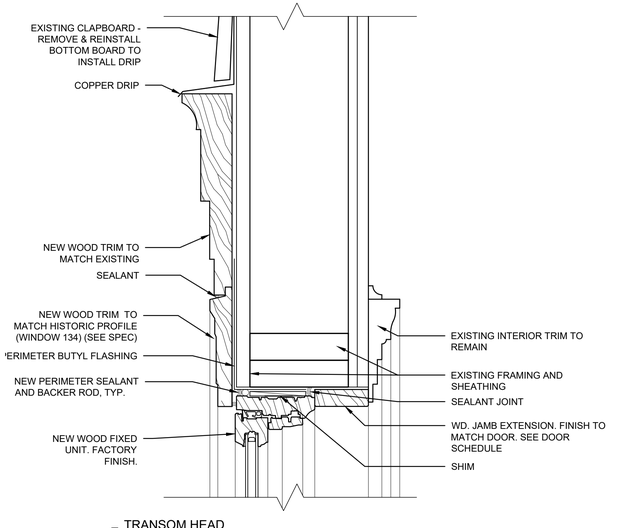
1 THRESHOLD
3" = 1'-0"



DOOR DETAILS KEY 1



DOOR DETAILS KEY 2



5 TRANSOM HEAD
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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4588 South Park Avenue, Blasdell, NY 14219

Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
EXTERIOR DOOR DETAILS - TYPE A

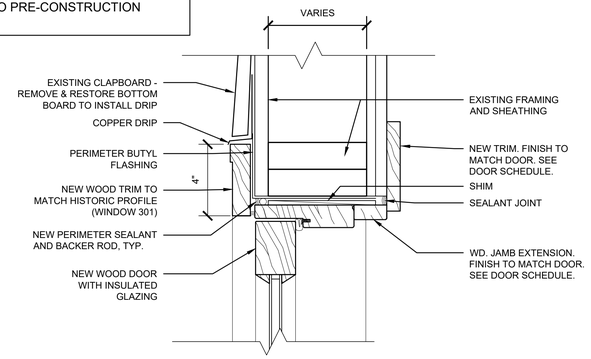
SCALE:
AS INDICATED

DATE:
10 SEPTEMBER 2024

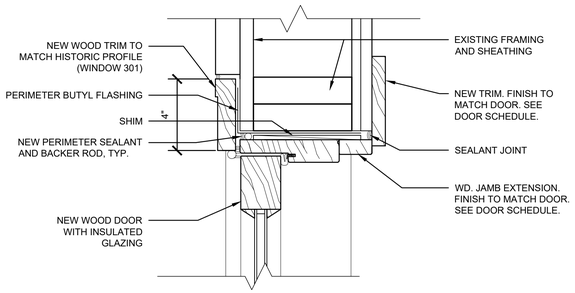
DRAWING NO.:
A601

REGISTERED ARCHITECT JANET A. NUNZ LIC. # 14431 STATE OF NEW YORK

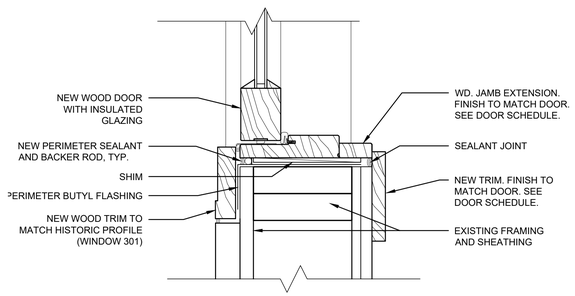
GENERAL NOTE:
PROTECT INTERIOR FLOORING AND EXISTING TRIM TO REMAIN DURING WORK. REPAIR ANY SURFACES DAMAGED FROM WORK TO PRE-CONSTRUCTION CONDITION.



4 HEAD
3" = 1'-0"



3 HINGE JAMB
3" = 1'-0"



2 LOCK JAMB
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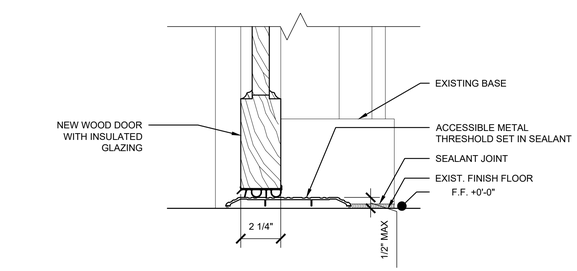

1 THRESHOLD
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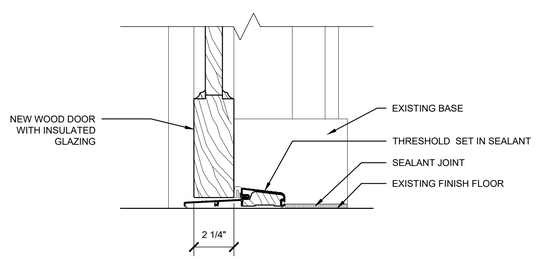

5 NON-ACESSIBLE THRESHOLD
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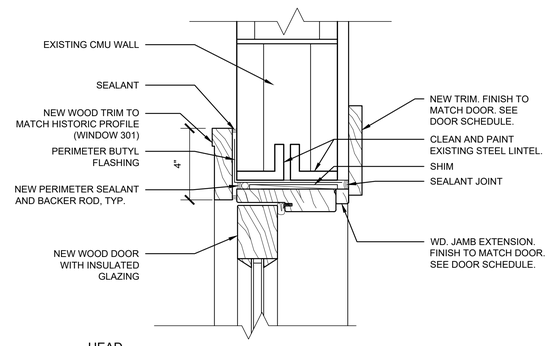
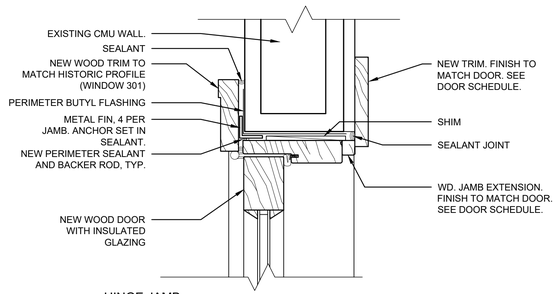


9 HEAD
3" = 1'-0"



8 HINGE JAMB
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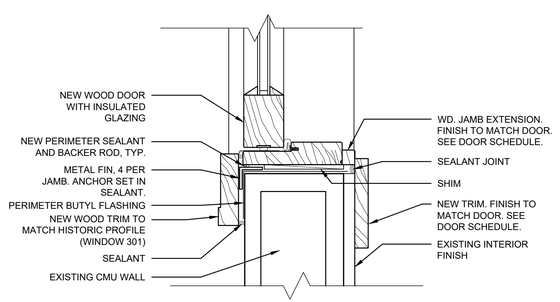

7 LOCK JAMB
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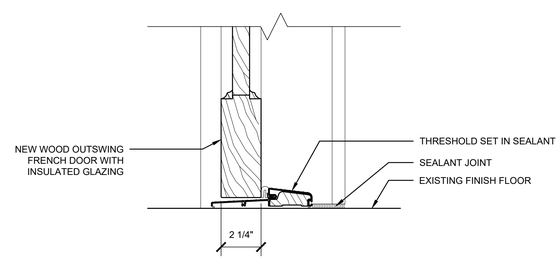
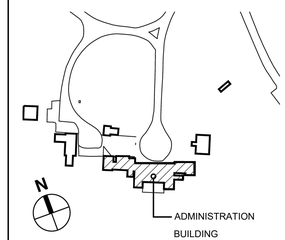


6 THRESHOLD
3" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
EXTERIOR DOOR DETAILS - TYPE B, C

SCALE:
AS INDICATED

DATE:
10 SEPTEMBER 2024

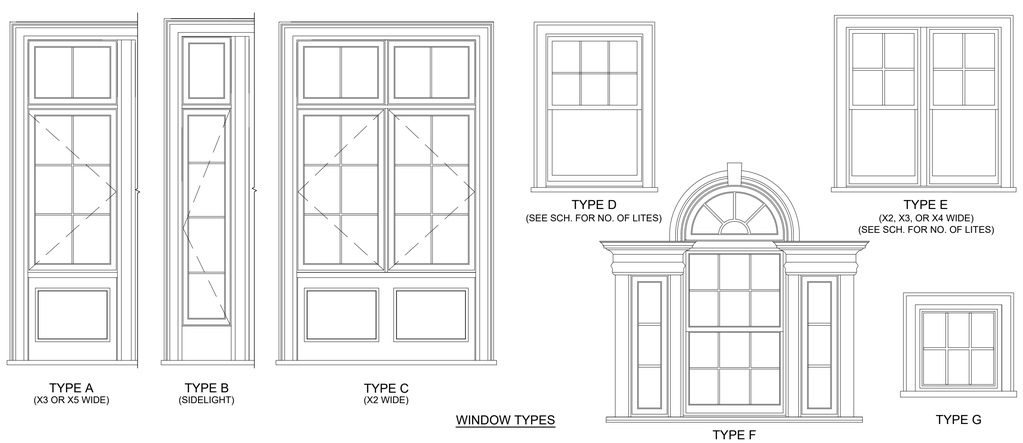
DRAWING NO.:
A602

WINDOW SCHEDULE

Level	Number	Type	D/H Lites	Material	Exist. Unit	Replacement Unit	New Opening & Unit	Interior Finish	Detail			Notes
									Head	Jamb	Sill	
B	B01	EXIST		WD-C	Y			EXIST				
B	B02	EXIST		WD-C	Y			EXIST				
B	B03	EXIST		WD-C	Y			EXIST				
B	B04	EXIST		WD-C	Y			EXIST				
B	B05	EXIST		WD	Y			EXIST				Scrape and Paint exterior
B	B06	EXIST		WD-C	Y			EXIST				
B	B07	EXIST		WD-C	Y			EXIST				
B	B08	EXIST		WD-C	Y			EXIST				
B	B09	EXIST		WD-C	Y			EXIST				
B	B10	EXIST		WD-C	Y			EXIST				
B	B11	EXIST		WD-C	Y			EXIST				
B	B12	EXIST		WD-C	Y			EXIST				
B	B13	EXIST		WD-C	Y			EXIST				
B	B14	EXIST		WD-C	Y			EXIST				
B	B15	EXIST		WD-C	Y			EXIST				
B	B16	EXIST		WD-C	Y			EXIST				
B	B17	EXIST		WD-C	Y			EXIST				
B	B18	EXIST		WD-C	Y			EXIST				
1	101	D	6/6	WD			Y	P	5/A607	2/A607	1/A607	R.O.: 3'1" x 5'2"
1	102	E	4/4	WD			Y	P	5/A607	2,4/A607	1/A607	R.O.: 5' x 5'2"
1	103											Not Used
1	104	EXIST		WD	Y			EXIST				
1	105	EXIST		WD	Y			EXIST				
1	106											Not Used
1	107											Not Used
1	108											Not Used
1	109	E	4/4	WD			Y	P	5/A607	2,4/A607	1/A607	R.O.: 5' x 5'2"
1	110	D	6/6	WD			Y	P	5/A607	2/A607	1/A607	R.O.: 3'1" x 5'2"
1	111	D	8/1	WD		Y		N	5/A607	2/A607	1/A607	
1	112	D	8/1	WD		Y		N	5/A607	2/A607	1/A607	
1	113	D	8/1	WD		Y		N	5/A607	2/A607	1/A607	
1	114	D	8/1	WD		Y		N	5/A607	2/A607	1/A607	
1	115	A		WD		Y		N	4/A606	2,3,4,5,7,8/A604	1,6/A604	New Framing and Trim
1	116	A		WD		Y		N	4/A606	3,5,8/A604	1,6/A604	New Framing and Trim
1	117	A		WD		Y		N	4/A606	2,3,4,5,7,8/A604	1,6/A604	New Framing and Trim
1	118	A		WD		Y		N	9/A604	2,3,4,5,7,8/A604	1,6/A604	
1	119	A		WD		Y		N	9/A604	3,5,8/A604	1,6/A604	
1	120	A		WD		Y		N	9/A604	3,5,8/A604	1,6/A604	
1	121	A		WD		Y		N	9/A604	3,5,8/A604	1,6/A604	
1	122	A		WD		Y		N	9/A604	2,3,4,5,7,8/A604	1,6/A604	
1	123	B		WD		Y		P	7/A605	2,3,5,6/A605	1,4/A605	
1	124	B		WD		Y		P	7/A605	2,3,5,6/A605	1,4/A605	
1	125	B		WD		Y		P	7/A605	2,3,5,6/A605	1,4/A605	
1	126	B		WD		Y		P	7/A605	2,3,5,6/A605	1,4/A605	
1	127	B		WD		Y		P	7/A605	2,3,5,6/A605	1,4/A605	
1	128	B		WD		Y		P	7/A605	2,3,5,6/A605	1,4/A605	
1	129	A		WD		Y		N	9/A604	2,3,4,5,7,8/A604	1,6/A604	
1	130	A		WD		Y		N	9/A604	3,5,8/A604	1,6/A604	
1	131	A		WD		Y		N	9/A604	3,5,8/A604	1,6/A604	
1	132	A		WD		Y		N	9/A604	3,5,8/A604	1,6/A604	
1	133	A		WD		Y		N	9/A604	2,3,4,5,7,8/A604	1,6/A604	
1	134	C		WD		Y		N	4/A606	2,3/A606 & 2,4,7/A604 SIM	1/A606 & 6/A604 SIM	Existing Trim to Remain
1	135	D	4/1	WD		Y		P	5/A607	2,3/A607	1/A607	
1	136	D	6/1	WD		Y		P	5/A607	3/A607	1/A607	
1	137	D	4/1	WD		Y		P	5/A607	2,3/A607	1/A607	
1	138	D	4/1	WD		Y		P	11/A607	2/A607 SIM, 10/A607	1/A607	
1	139	D	4/1	WD		Y		P	11/A607	3,10/A607	1/A607	
1	140	D	4/1	WD		Y		P	11/A607	3/A607	1/A607	
1	141	D	4/1	WD		Y		P	11/A607	3/A607	1/A607	
1	142	D	4/1	WD		Y		P	11/A607	3,10/A607	1/A607	
1	143	D	4/1	WD		Y		P	11/A607	2/A607 SIM, 10/A607	1/A607	
1	144	E	6/1	WD		Y		P	5/A607	2,3/A607	1/A607	
1	145	E	6/1	WD		Y		P	5/A607	2,3/A607	1/A607	
1	146	E	6/1	WD		Y		P	5/A607	2,3/A607	1/A607	
1	147	D	6/1	WD		Y		P	5/A607	2,3/A607	1/A607	
1	148	D	6/1	WD		Y		P	5/A607	3/A607	1/A607	
1	149	D	6/1	WD		Y		P	5/A607	2,3/A607	1/A607	
1	150	E	6/1	WD		Y		P	5/A607	2,3/A607	1/A607	
1	151	D	6/1	WD		Y		P	5/A607	2,3/A607	1/A607	Align head w/ 150
1	152	D	6/1	WD		Y		P	5/A607	3/A607	1/A607	Align head w/ 150
1	153	D	6/1	WD		Y		P	5/A607	3/A607	1/A607	Align head w/ 150
1	154	D	6/1	WD		Y		P	5/A607	2,3/A607	1/A607	Align head w/ 150
1	155	E	4/1	WD		Y		P	5/A607	2,3/A607	1/A607	
1	156	E	6/1	WD		Y		P	12/A607	2,3/A607	1/A607	
1	157	E	6/1	WD		Y		P	12/A607	2,3/A607	1/A607	
1	158	D	6/1	WD		Y		P	5/A607	2/A607	1/A607	
2	201	D	8/1	WD		Y		P	12/A607	2/A607	1/A607 SIM	
2	202	D	8/1	WD		Y		P	12/A607	2/A607	1/A607 SIM	
2	203	D	4/1	WD		Y		P	12/A607	2,3/A607	1/A607 SIM	

WINDOW SCHEDULE

Level	Number	Type	D/H Lites	Material	Exist. Unit	Replacement Unit	New Opening & Unit	Interior Finish	Detail			Notes
									Head	Jamb	Sill	
2	204	D	6/1	WD		Y		P	12/A607	3/A607	1/A607 SIM	
2	205	D	4/1	WD		Y		P	12/A607	2,3/A607	1/A607 SIM	
2	206	D	8/1	WD		Y		P	12/A607	2/A607	1/A607 SIM	
2	207	D	8/1	WD		Y		P	12/A607	2/A607	1/A607 SIM	
2	208	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
2	209	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
2	210	F		WD		Y		P	4/A608	2,3/A608	1/A608	
2	211	F	6/6	WD		Y		P	7/A608	3/A608	5,6/A608	
2	212	F		WD		Y		P	4/A608	2,3/A608	1/A608	
2	213	D	8/1	WD		Y		P	12/A607	2/A607	1A/A607	Set bot. of sub-sill 8" above roof deck
2	214	D	8/1	WD		Y		P	12/A607	2/A607	1A/A607	Set bot. of sub-sill 8" above roof deck
2	215	D	8/1	WD		Y		P	5/A607	2/A607	1/A607	
2	215A	D	8/1	WD		Y		P	12/A607	2/A607	1/A607	
2	216	D	4/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	217	D	6/1	WD		Y		P	12/A607	3/A607	1/A607	
2	218	D	4/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	219	D	8/1	WD		Y		P	12/A607	2/A607	1/A607	
2	220	D	6/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	221	D	6/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	222	D	6/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	223	D	6/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	224	D	6/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	225	D	6/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	226	D	8/1	WD		Y		P	12/A607	2/A607	1/A607	
2	227	D	4/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	228	D	6/1	WD		Y		P	12/A607	3/A607	1/A607	
2	229	D	4/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	230	D	8/1	WD		Y		P	12/A607	2/A607	1/A607	
2	231	D	4/1	WD		Y		P	5/A607	2/A607	1/A607	
2	232	E	4/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	233	D	4/1	WD		Y		P	12/A607	2/A607	1/A607	
2	234	E	4/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	235	E	4/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	236	E	4/1	WD		Y		P	12/A607	2,3/A607	1/A607	
2	237	D	6/1	WD		Y		P	5/A607	2/A607	1/A607	
2	238	D	6/1	WD		Y		P	5/A607	2/A607	1/A607	
2	239	D	6/1	WD		Y		P	9/A607	2/A607	1/A607	
2	240	D	6/1	WD		Y		P	9/A607	2/A607	1/A607	
2	241	D	6/1	WD		Y		P	9/A607	2/A607	1/A607	
2	242	D	6/1	WD		Y		P	5/A607	2/A607	1/A607	
2	243	D	6/1	WD		Y		P	5/A607	2/A607	1/A607	
2	244	G	6	WD		Y		P	5/A607 SIM	2/A607 SIM	1/A607 SIM	
2	245	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
2	246	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
2	247	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
2	248	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
2	249	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
3	301	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
3	302	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
3	303	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
3	304	E	4/1	WD		Y		P	5/A607	2,3/A607	1/A607	
3	305	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
3	306	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
3	307	D	6/1	WD		Y		P	8/A607	7/A607	6/A607	
ROOF	R01	SKL		AL	Y			EXIST				Retain existing unit. No work.

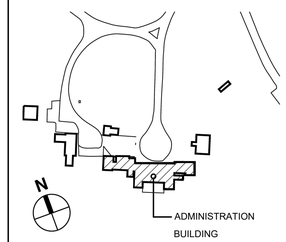


WINDOW TYPES

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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

Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

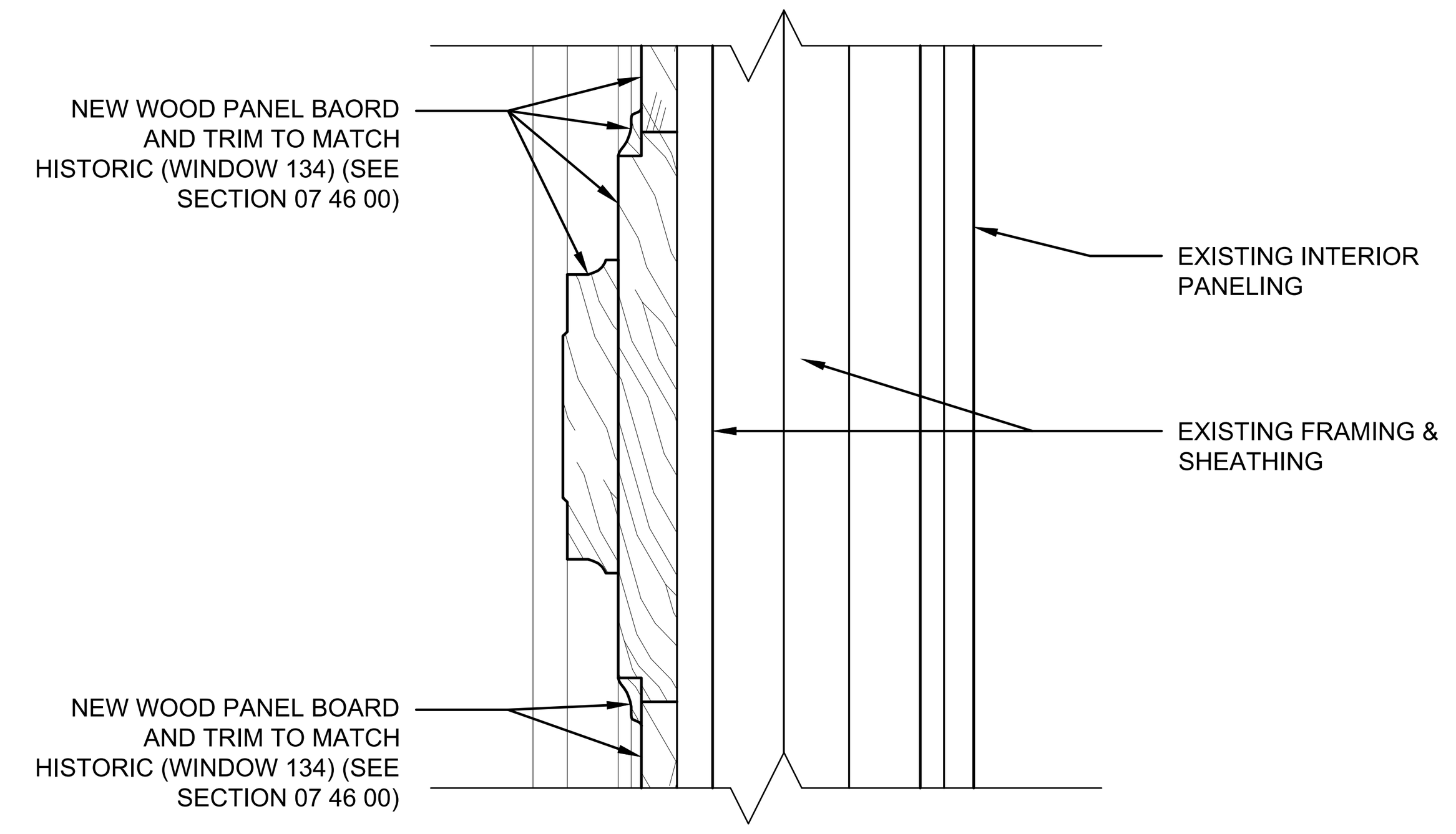
DRAWING TITLE:
WINDOW SCHEDULE

SCALE:

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A603

REGISTERED ARCHITECT JANET A. NOLL No. 9 144 STATE OF NEW YORK



3 PANEL MULL
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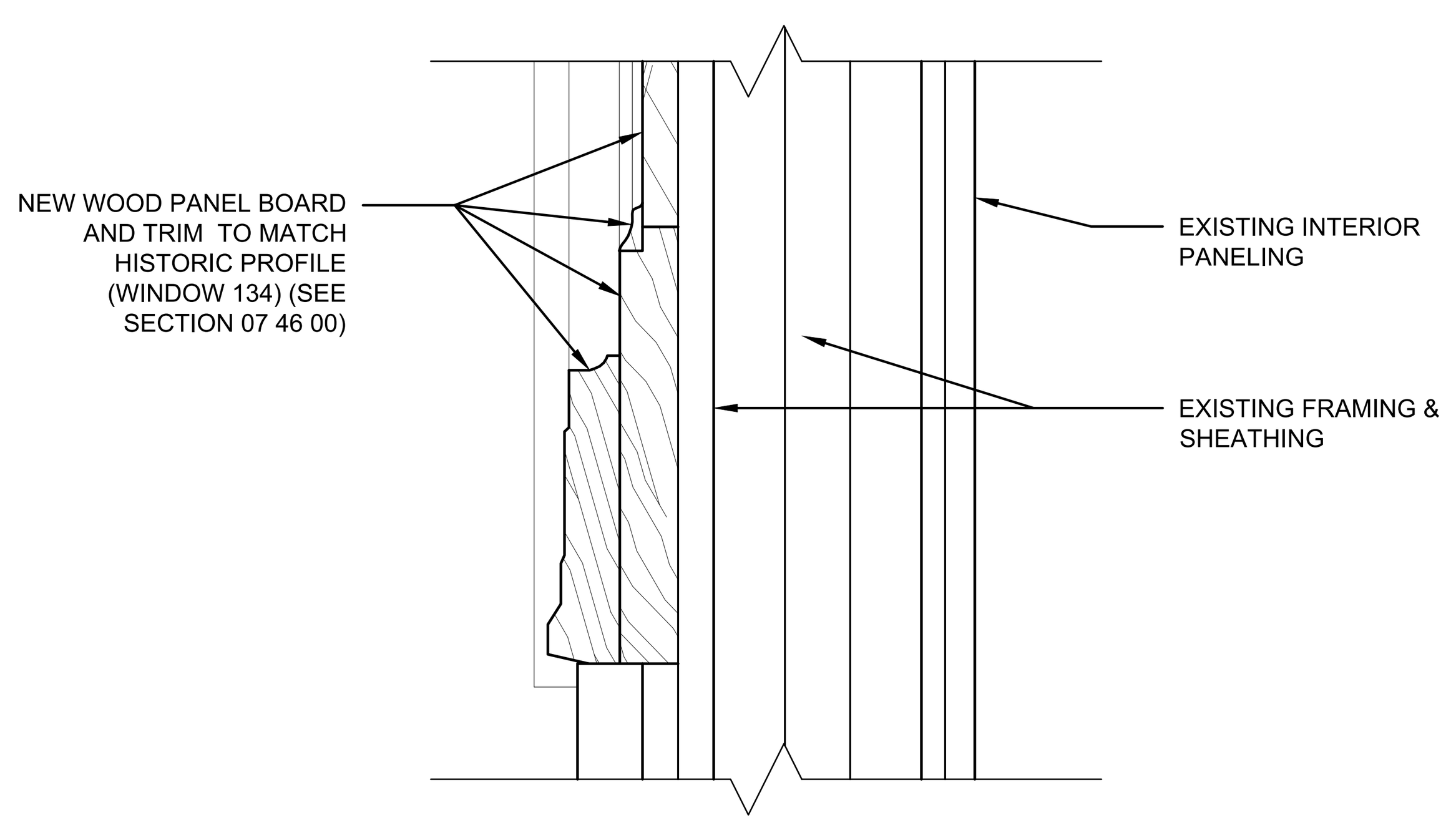

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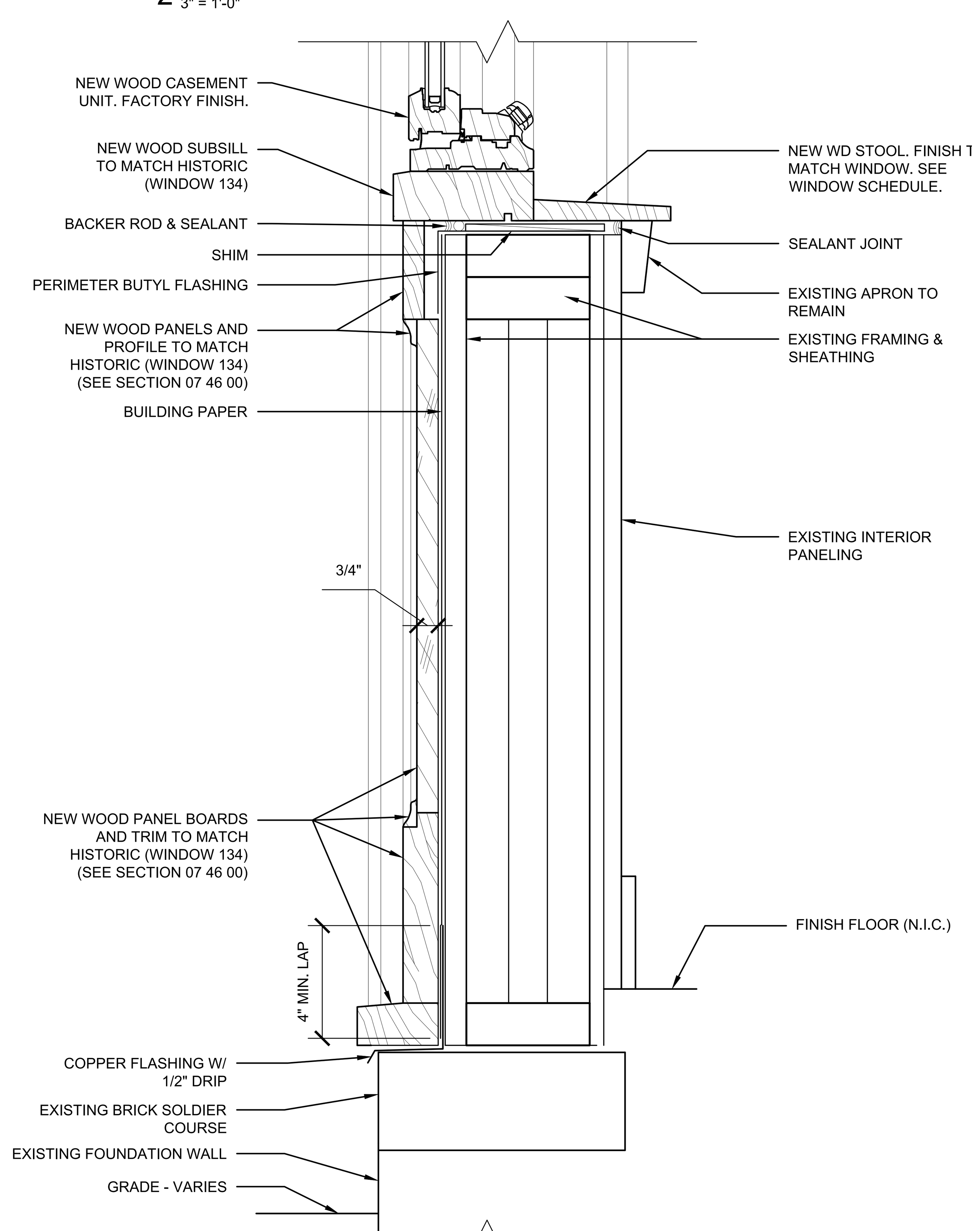

1 SILL
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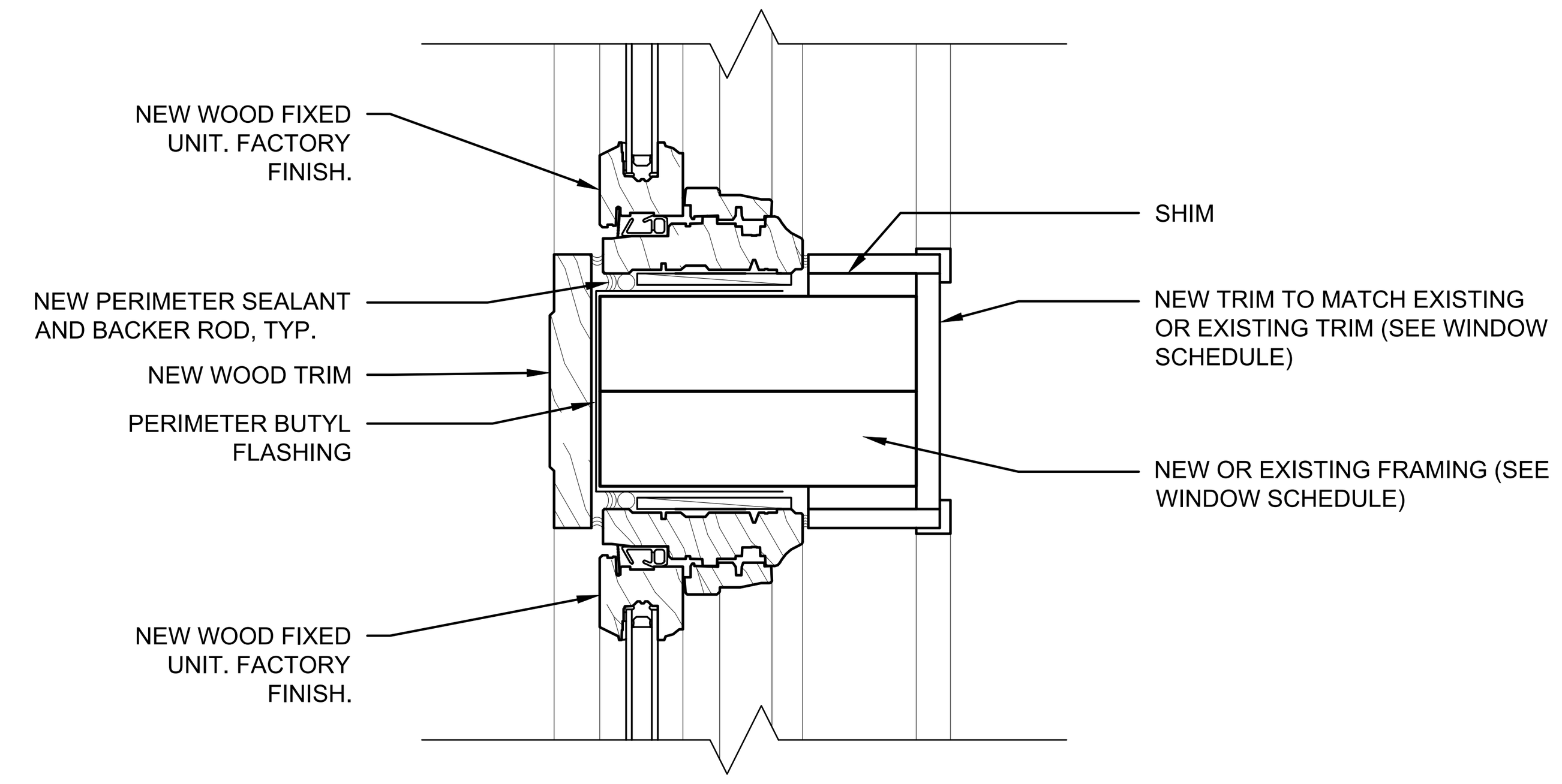

8 TRANSOM MULL
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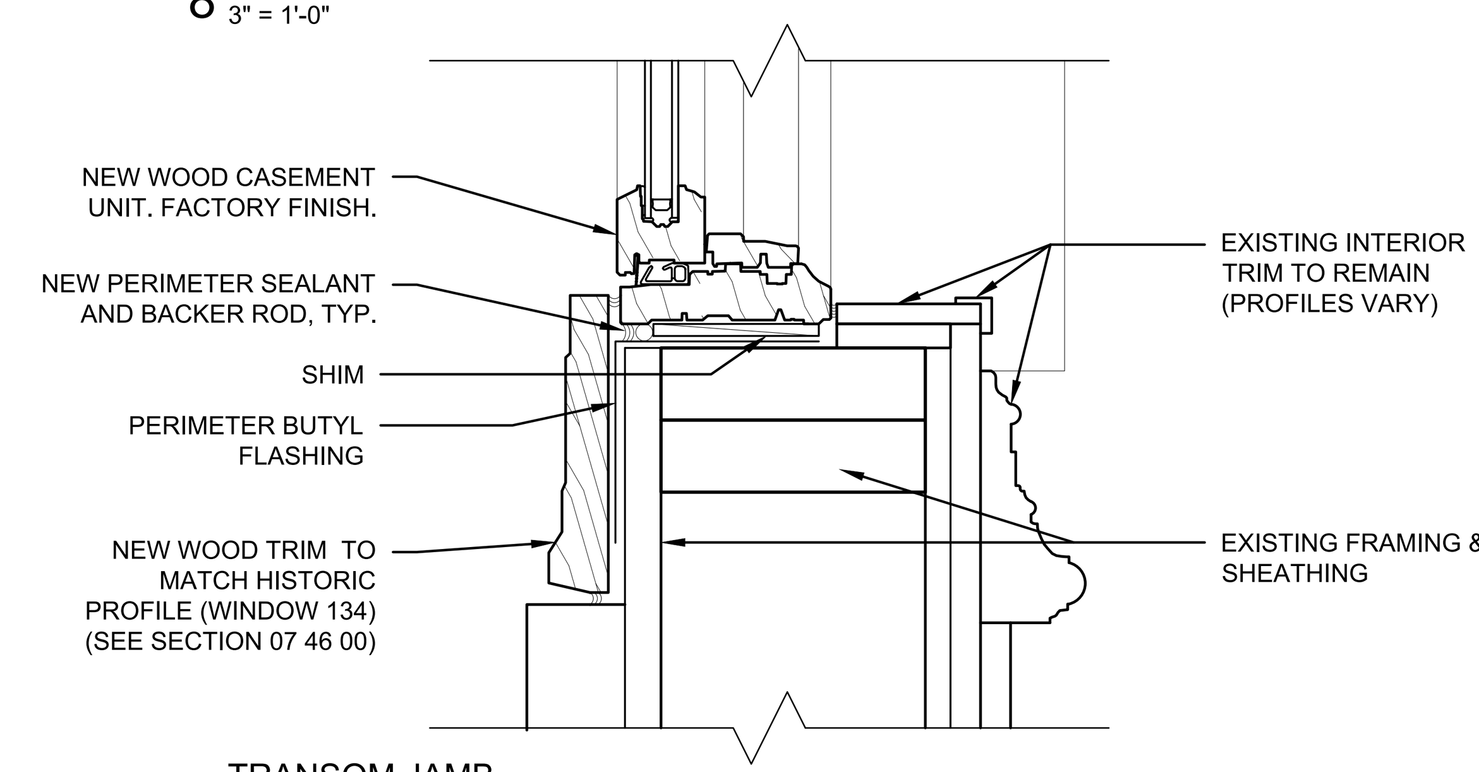

7 TRANSOM JAMB
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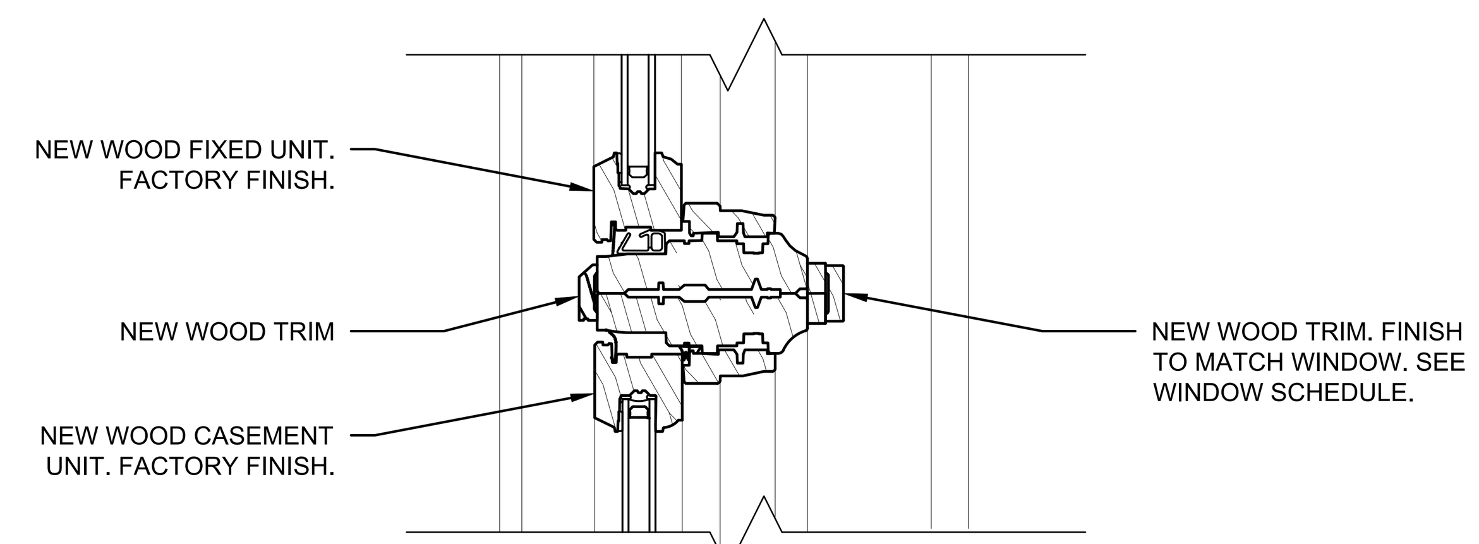

6 HEAD-TRANSOM SILL
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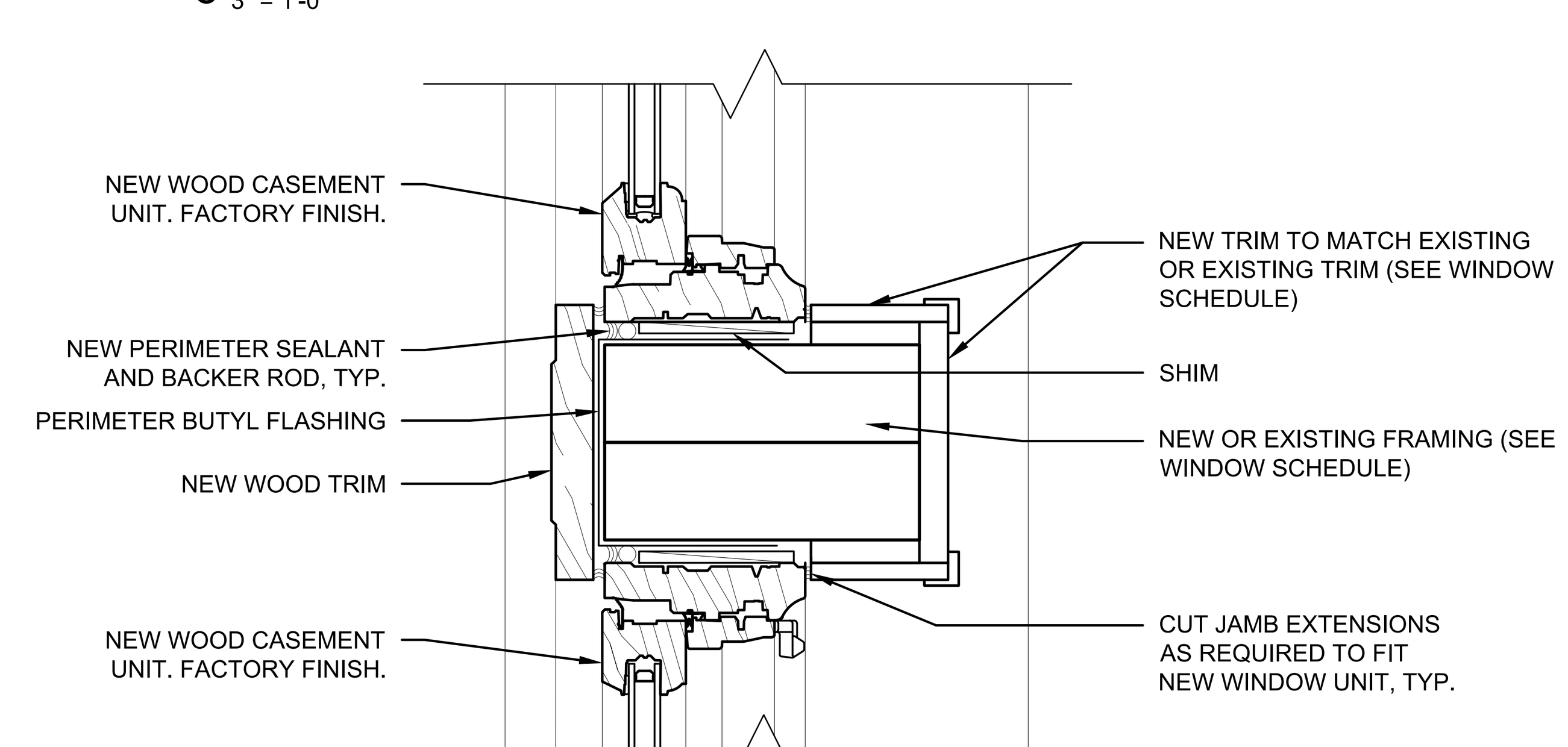

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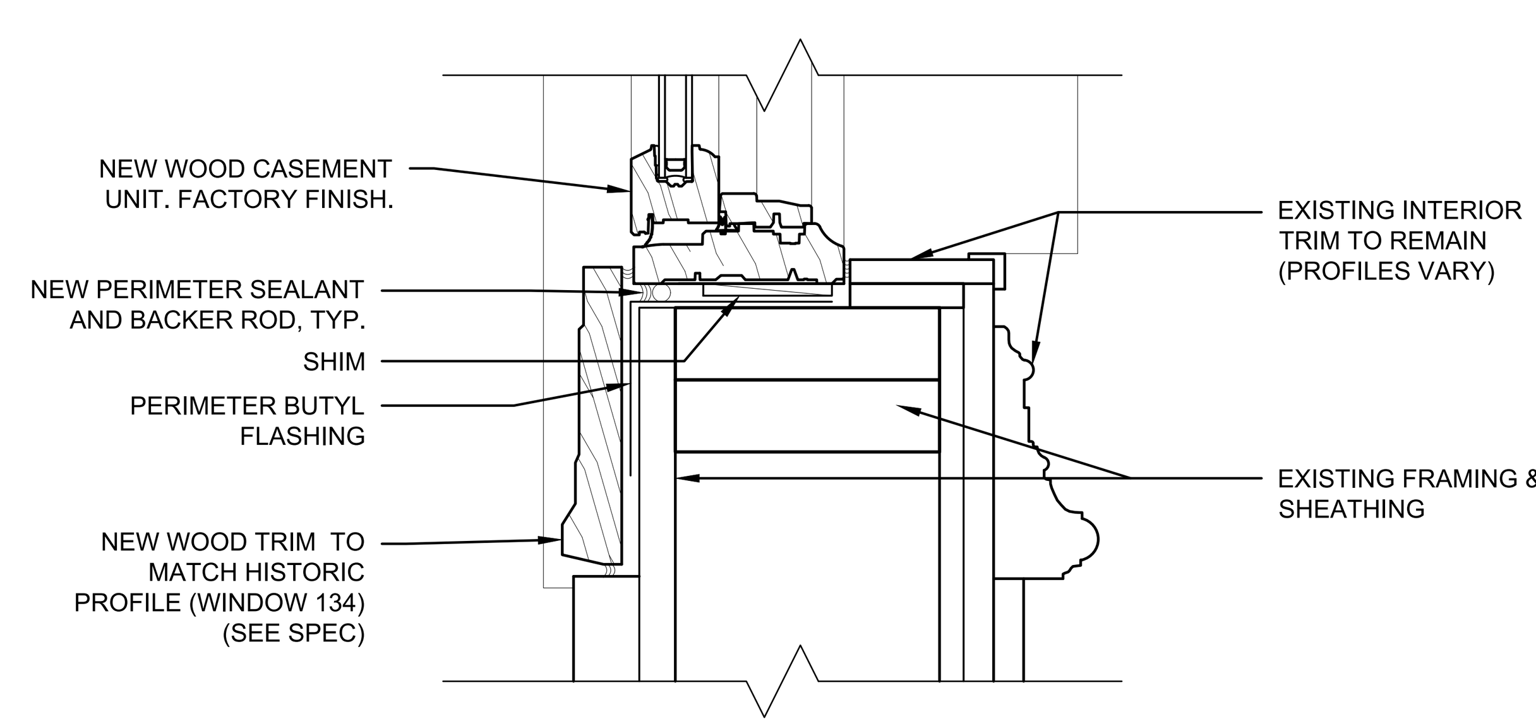
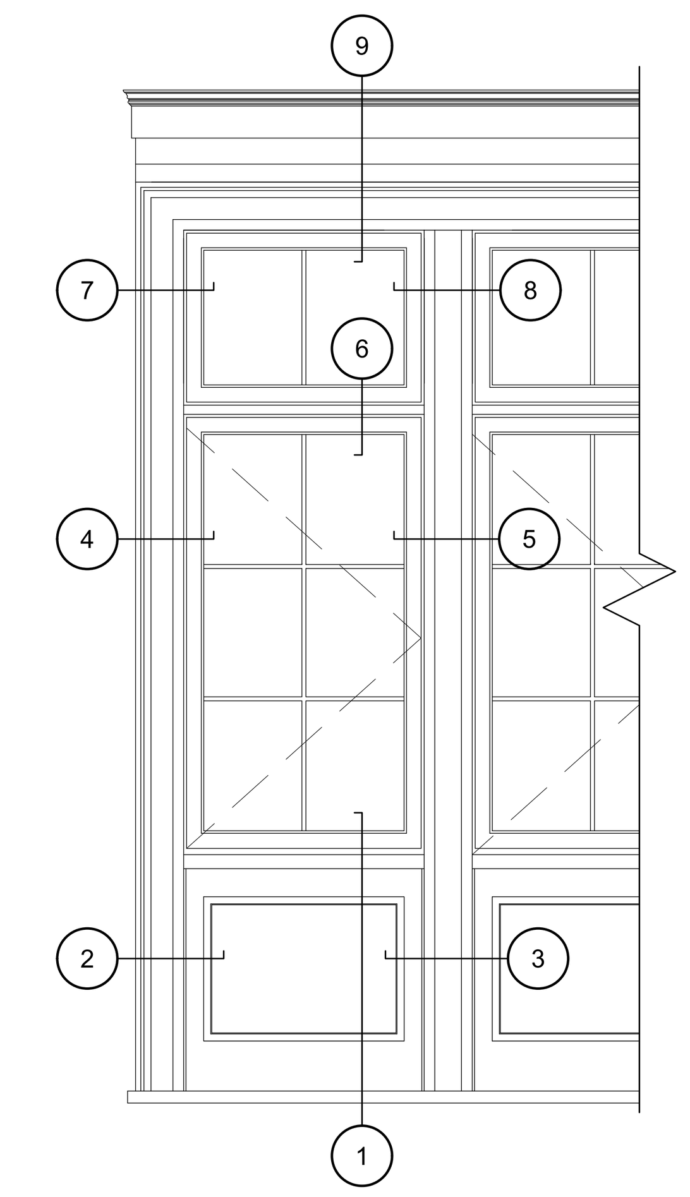
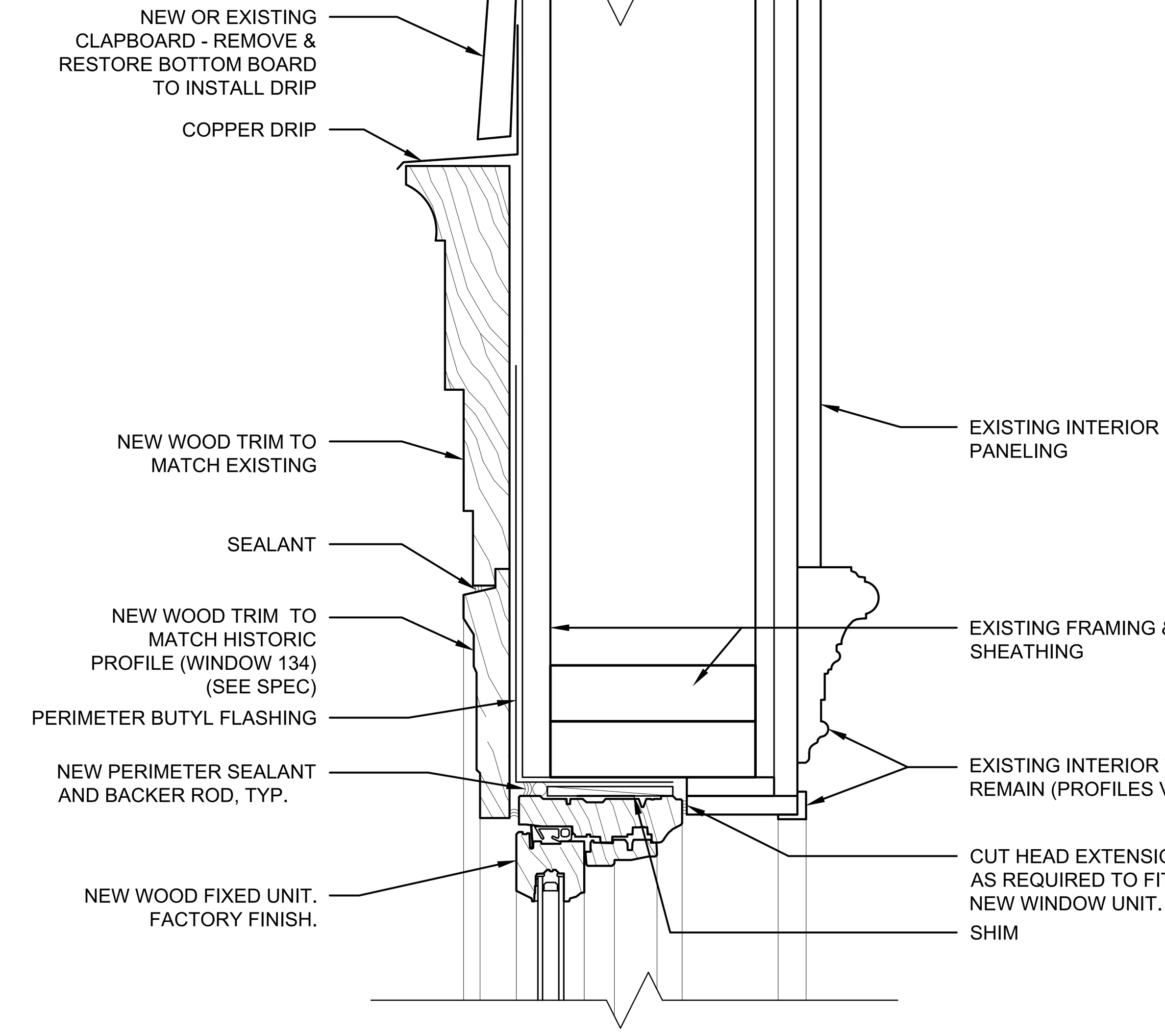


4 JAMB
3" = 1'-0"

GENERAL NOTE:
PROTECT INTERIOR FLOORING AND EXISTING TRIM TO REMAIN DURING WORK. REPAIR ANY SURFACES DAMAGED FROM WORK TO PRE-CONSTRUCTION CONDITION.



DETAILS KEY



9 TRANSOM HEAD
3" = 1'-0"

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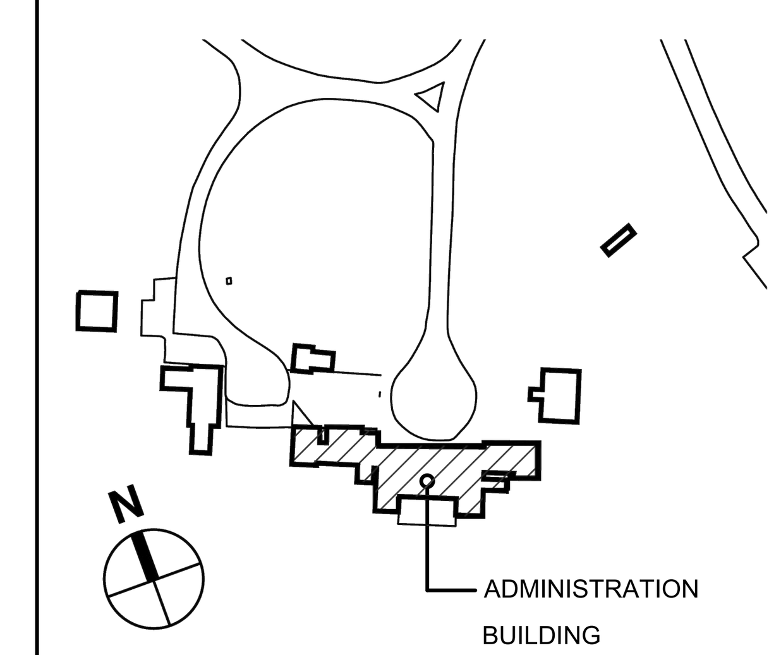
KEY PLAN



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1511 Route 22, Suite C24, Brewster, NY 10509

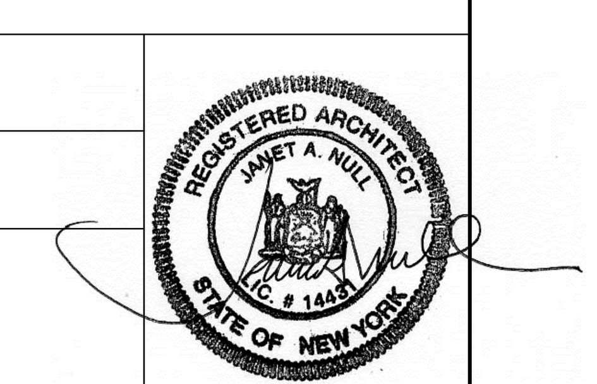
PROJECT:
SUCF #291036-02
Rehab Administration Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
WINDOW DETAILS - TYPE A

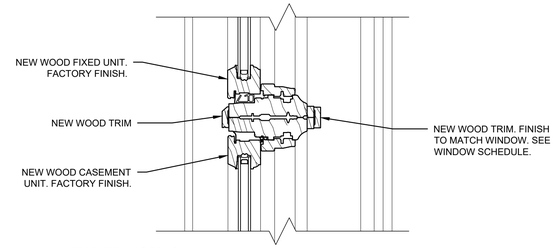
SCALE:
AS INDICATED

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A604



GENERAL NOTE:
PROTECT INTERIOR FLOORING AND EXISTING TRIM TO REMAIN DURING WORK. REPAIR ANY SURFACES DAMAGED FROM WORK TO PRE-CONSTRUCTION CONDITION.



4 HEAD-TRANSOM SILL
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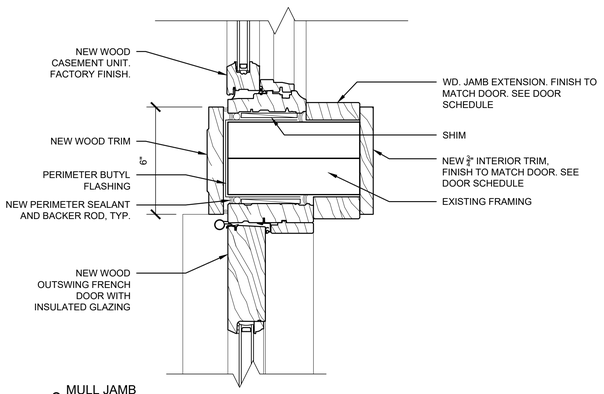

3 MULL JAMB
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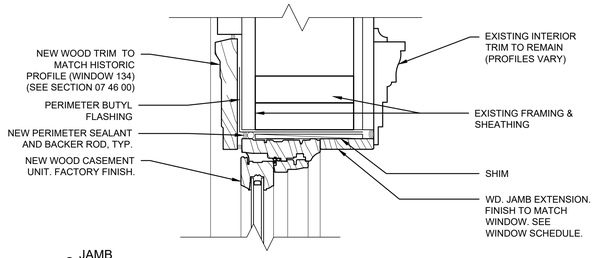

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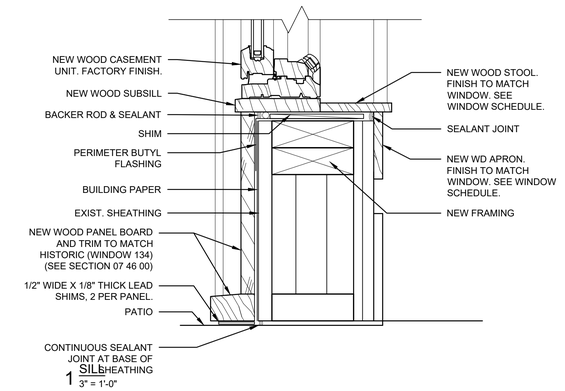

1 SILL
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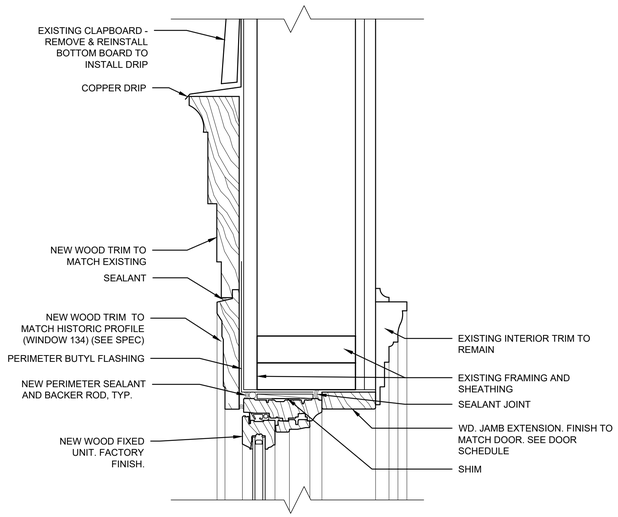
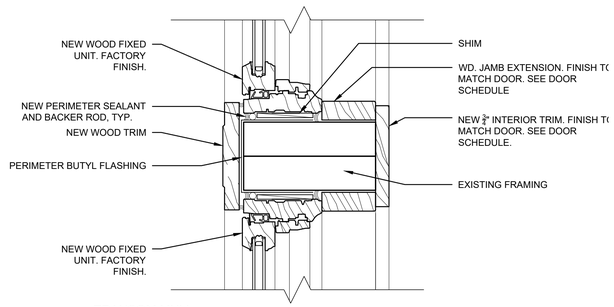


7 TRANSOM HEAD
3" = 1'-0"



6 TRANSOM MULL
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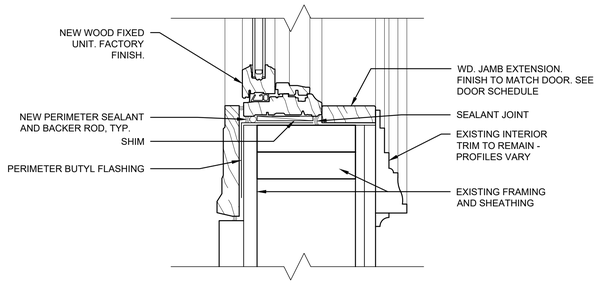

5 TRANSOM JAMB
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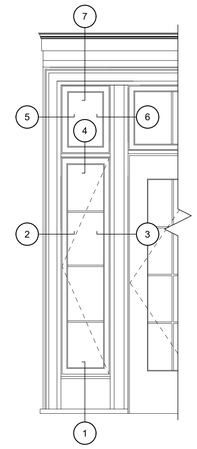

DETAILS KEY

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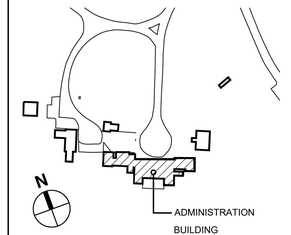
KEY PLAN



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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
WINDOW DETAILS - TYPE B

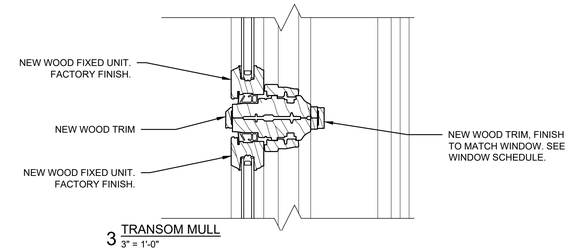
SCALE:
AS INDICATED

DATE:
10 SEPTEMBER 2024

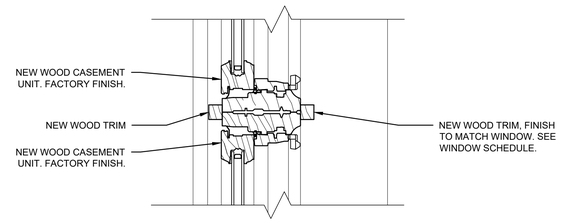
DRAWING NO.:
A605

REGISTERED ARCHITECT JANET A. HURLEY 014438 STATE OF NEW YORK

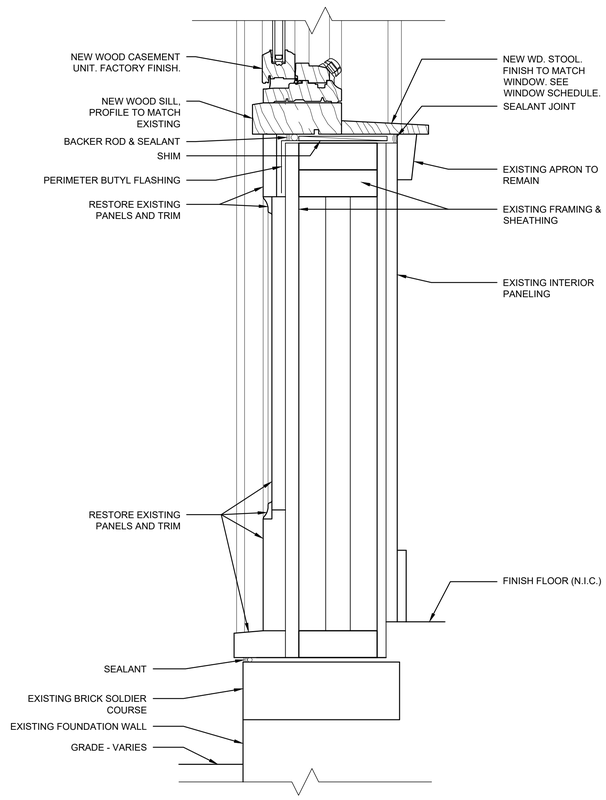
GENERAL NOTE:
PROTECT INTERIOR FLOORING AND EXISTING TRIM TO REMAIN DURING WORK. REPAIR ANY SURFACES DAMAGED FROM WORK TO PRE-CONSTRUCTION CONDITION.



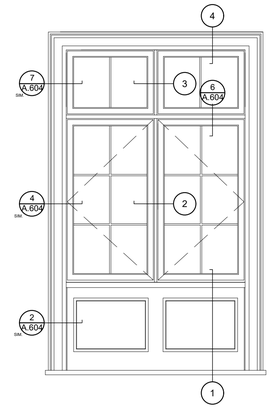
3 TRANSOM MULL
3" = 1'-0"



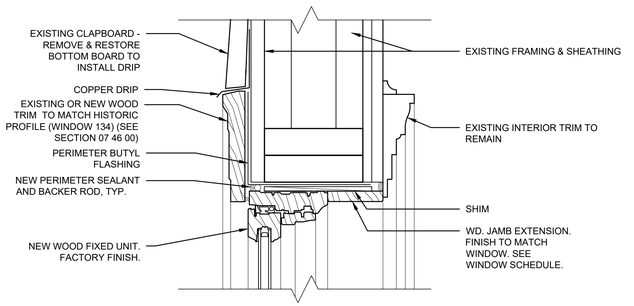
2 CASEMENT MULL
3" = 1'-0"



1 SILL
3" = 1'-0"



DETAILS KEY

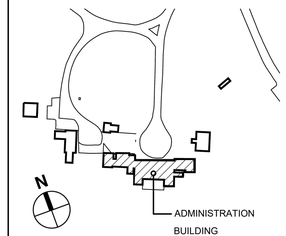


4 TRANSOM HEAD
3" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

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

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Trophy Point Construction Services
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Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

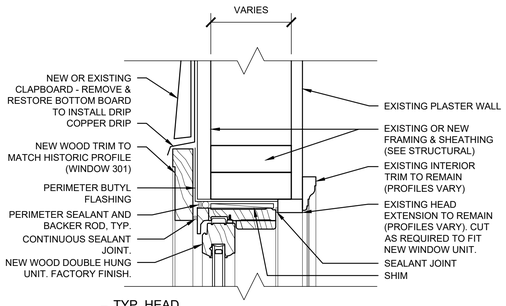
DRAWING TITLE:
WINDOW DETAILS - TYPE C

SCALE:
AS INDICATED

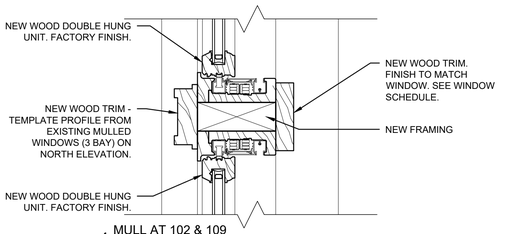
DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A606

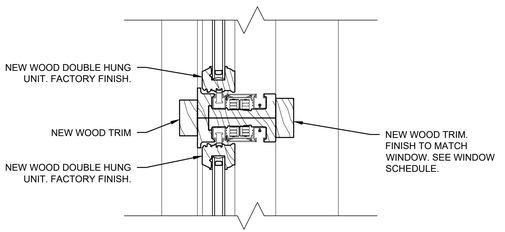
REGISTERED ARCHITECT JANET A. NOLL NO. 9 142 41 STATE OF NEW YORK



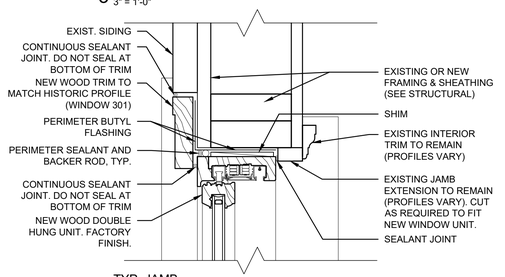
5 TYP. HEAD
3" = 1'-0"



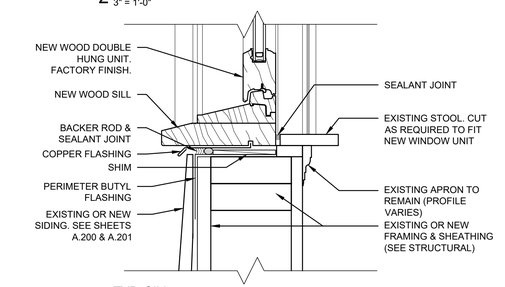
4 MULL AT 102 & 109
3" = 1'-0"



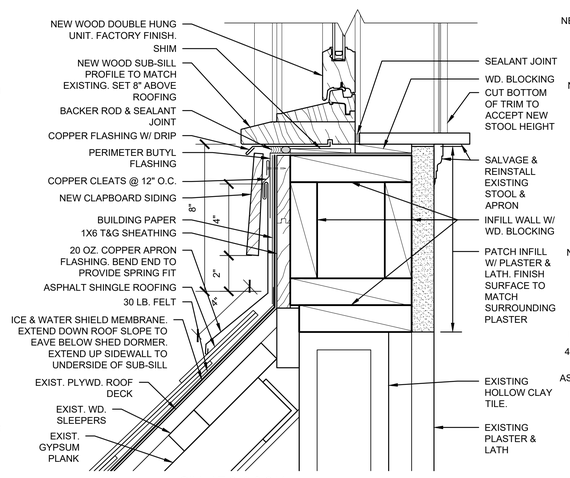
3 TYP. MULL
3" = 1'-0"



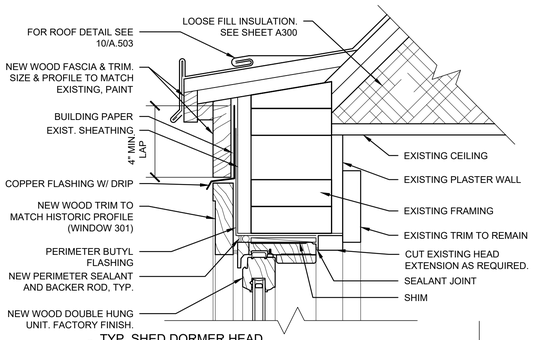
2 TYP. JAMB
3" = 1'-0"



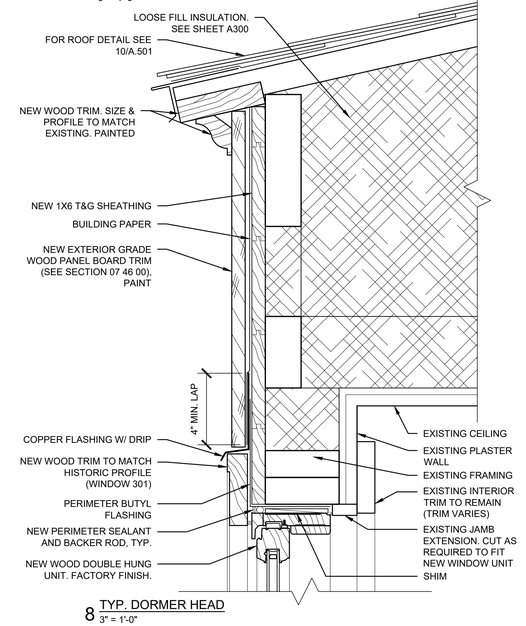
1 TYP. SILL
3" = 1'-0"



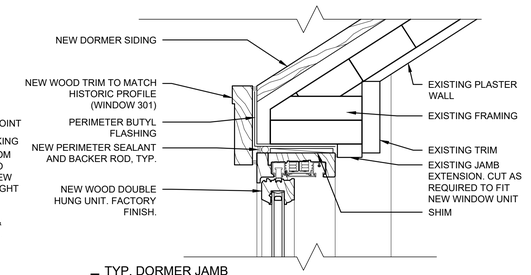
1A SILL AT 213 & 214
3" = 1'-0"



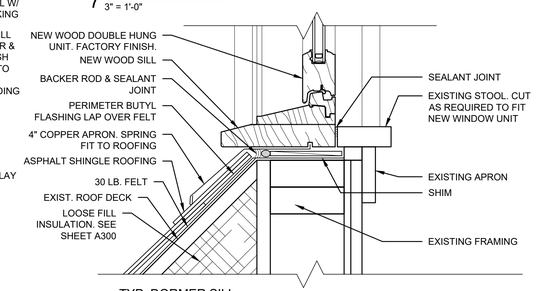
9 TYP. SHED DORMER HEAD
3" = 1'-0"



8 TYP. DORMER HEAD
3" = 1'-0"



7 TYP. DORMER JAMB
3" = 1'-0"



6 TYP. DORMER SILL
3" = 1'-0"

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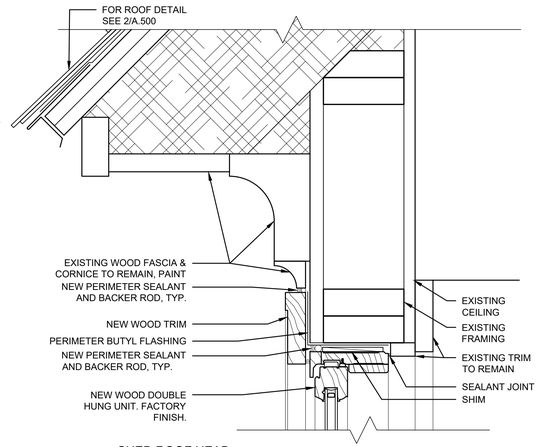
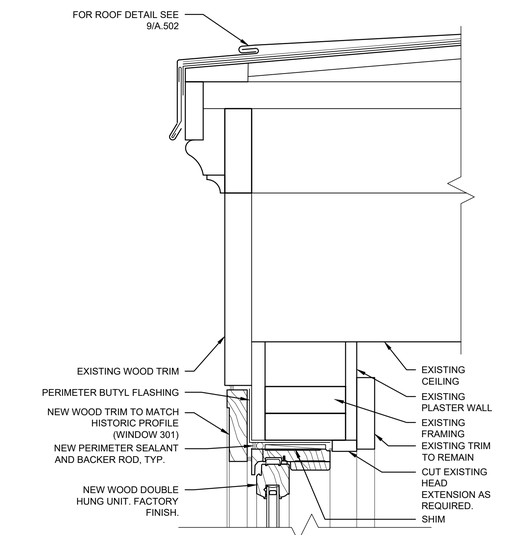
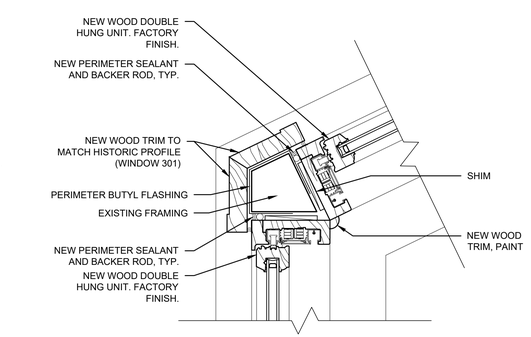


12 SHED ROOF HEAD
3" = 1'-0"



11 BAY WINDOW HEAD
3" = 1'-0"

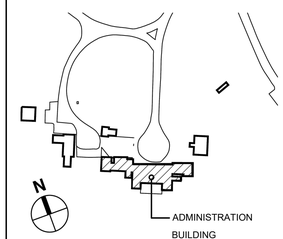


10 BAY WINDOW CORNER JAMB
3" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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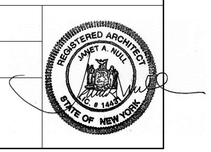
PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
WINDOW DETAILS - TYPE E, D

SCALE:
AS INDICATED

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A607



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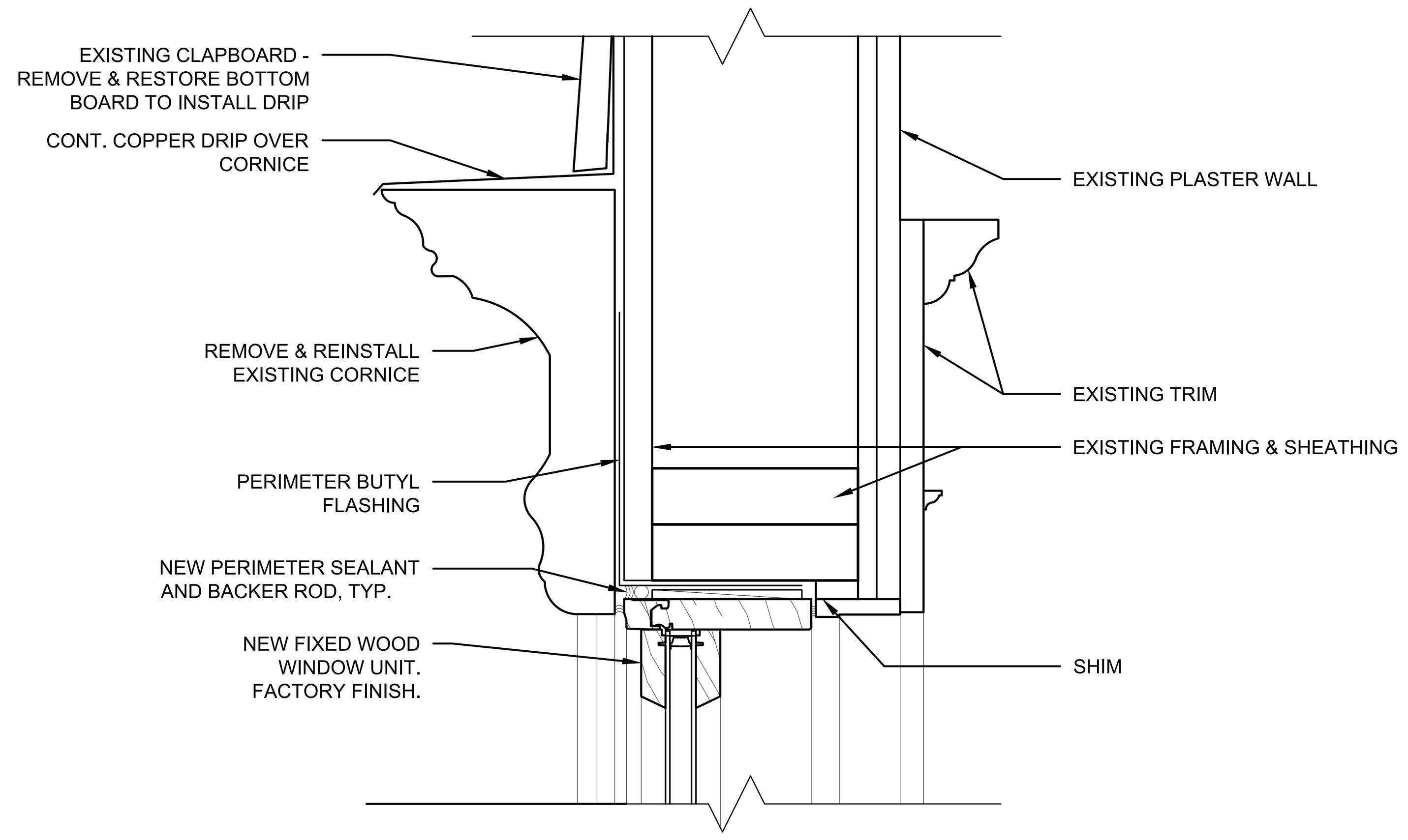
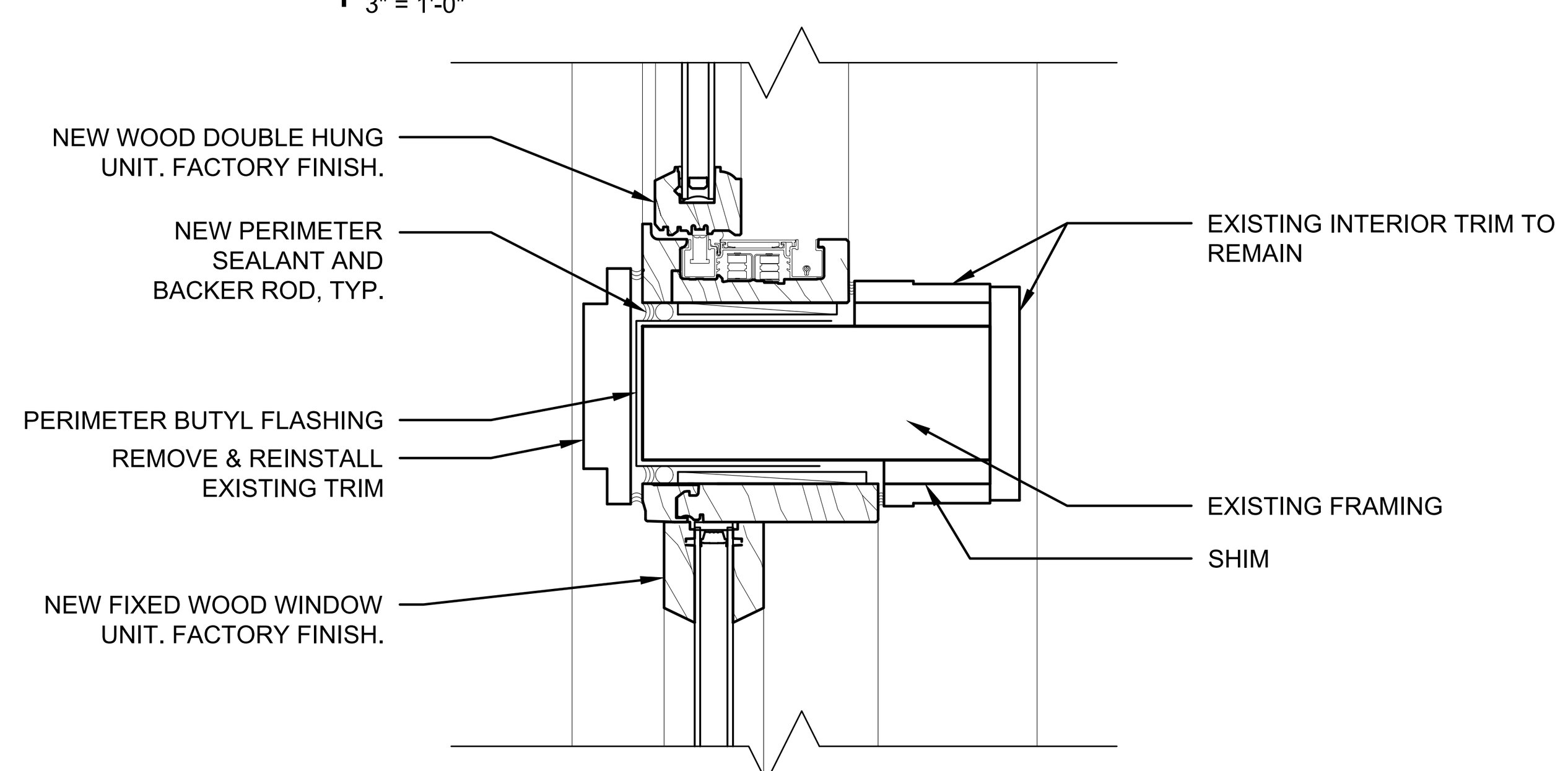
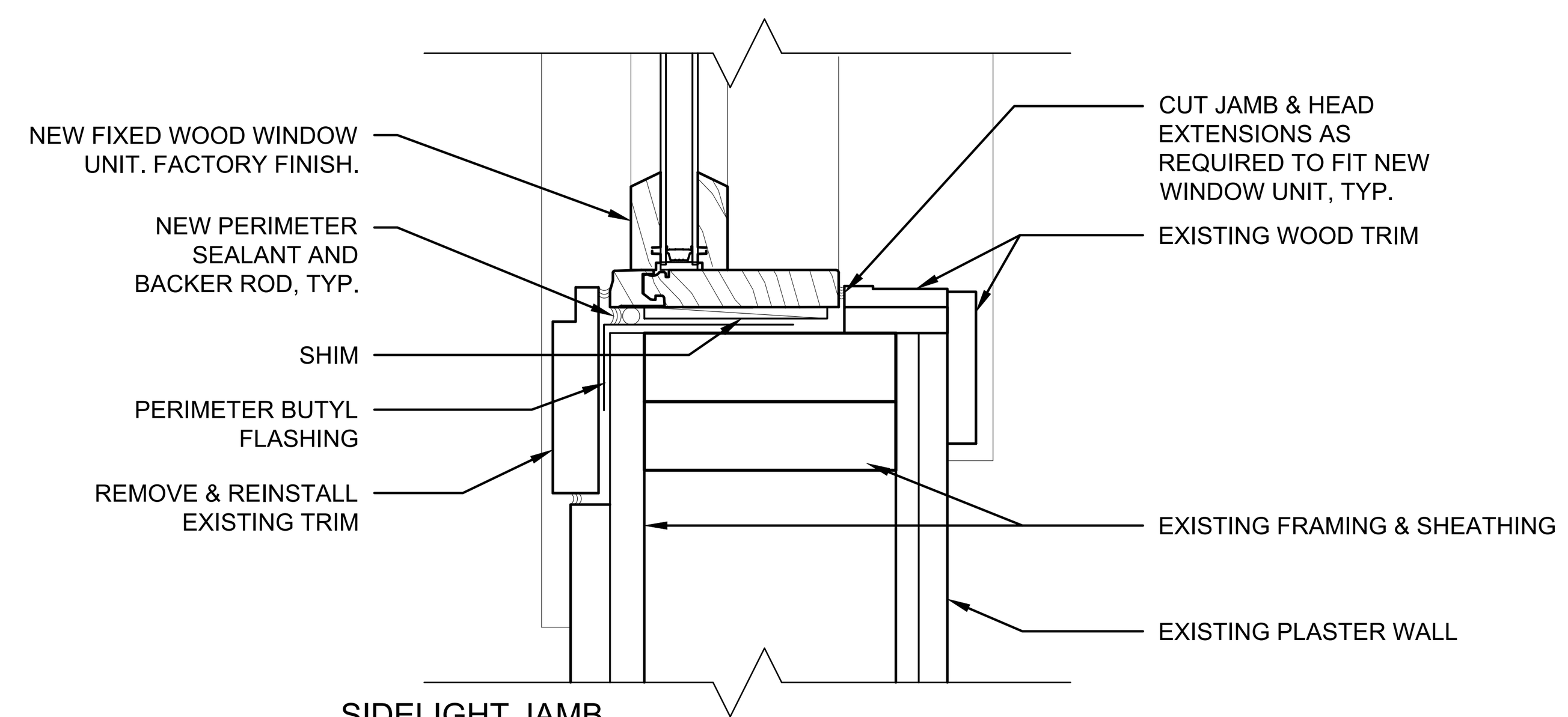


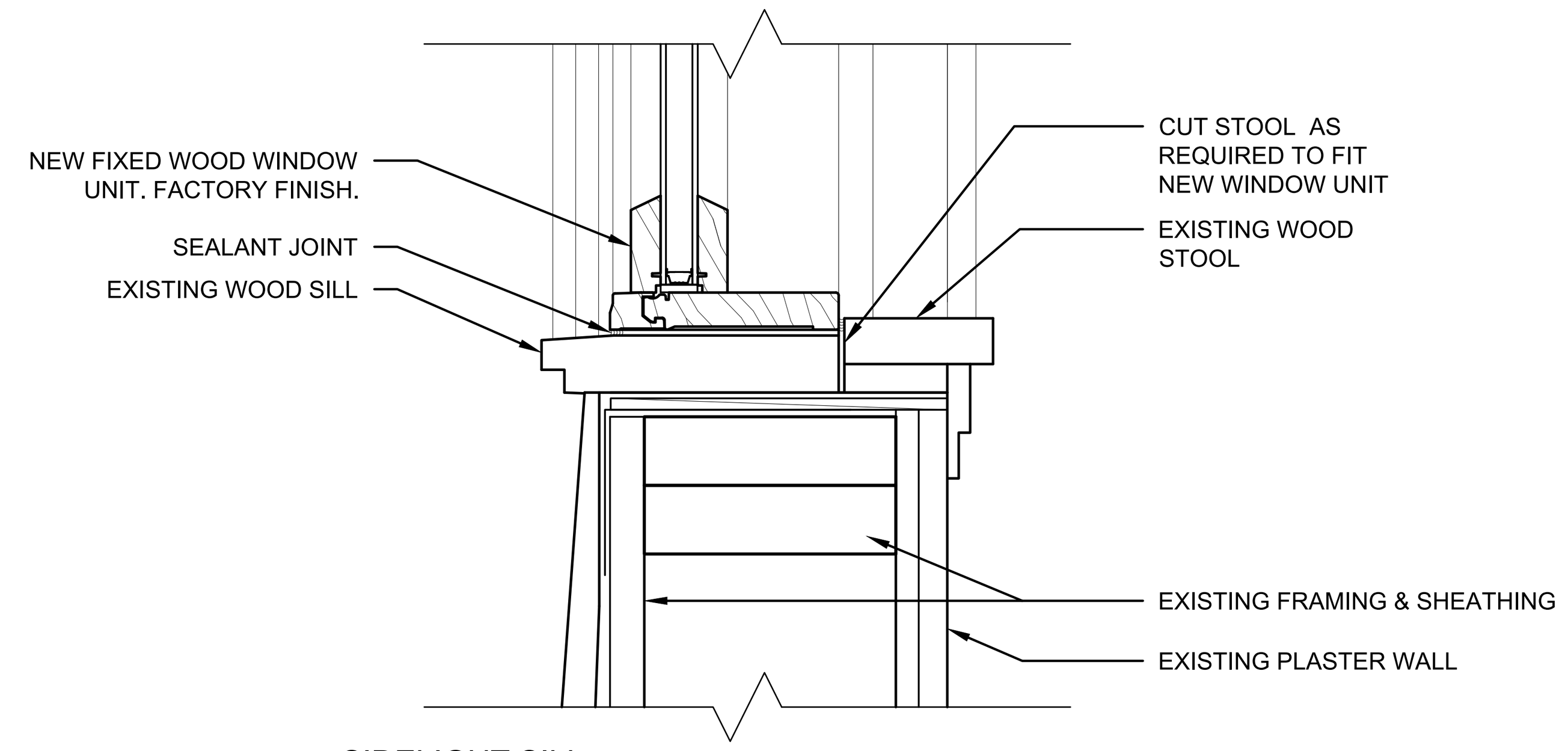
4 SIDELIGHT HEAD
3" = 1'-0"



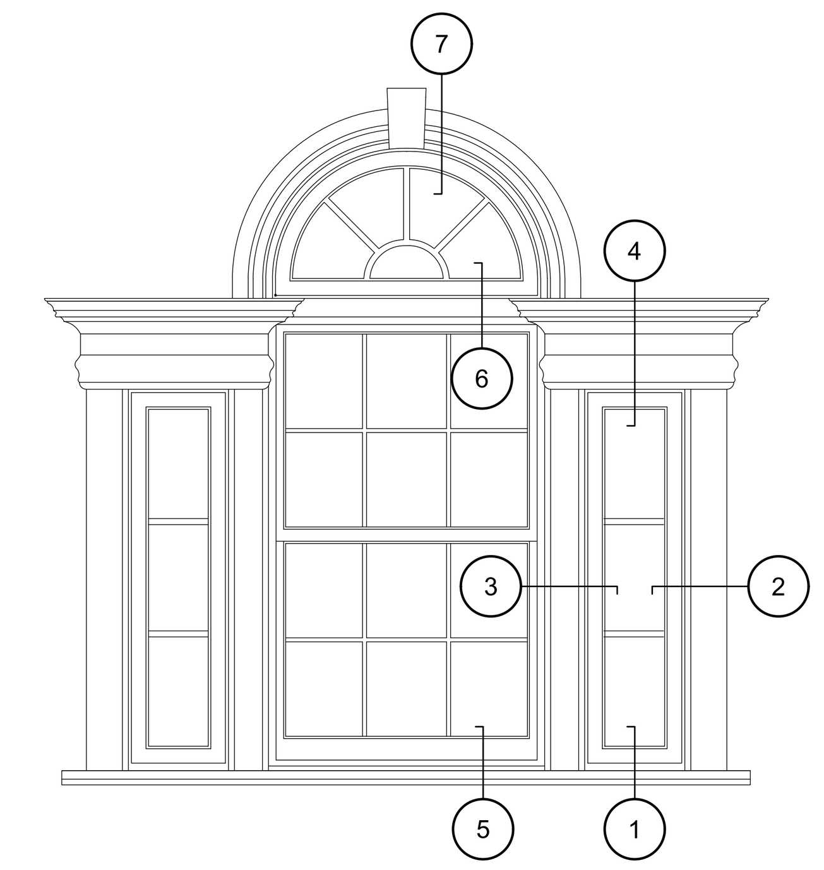
3 MULL
3" = 1'-0"



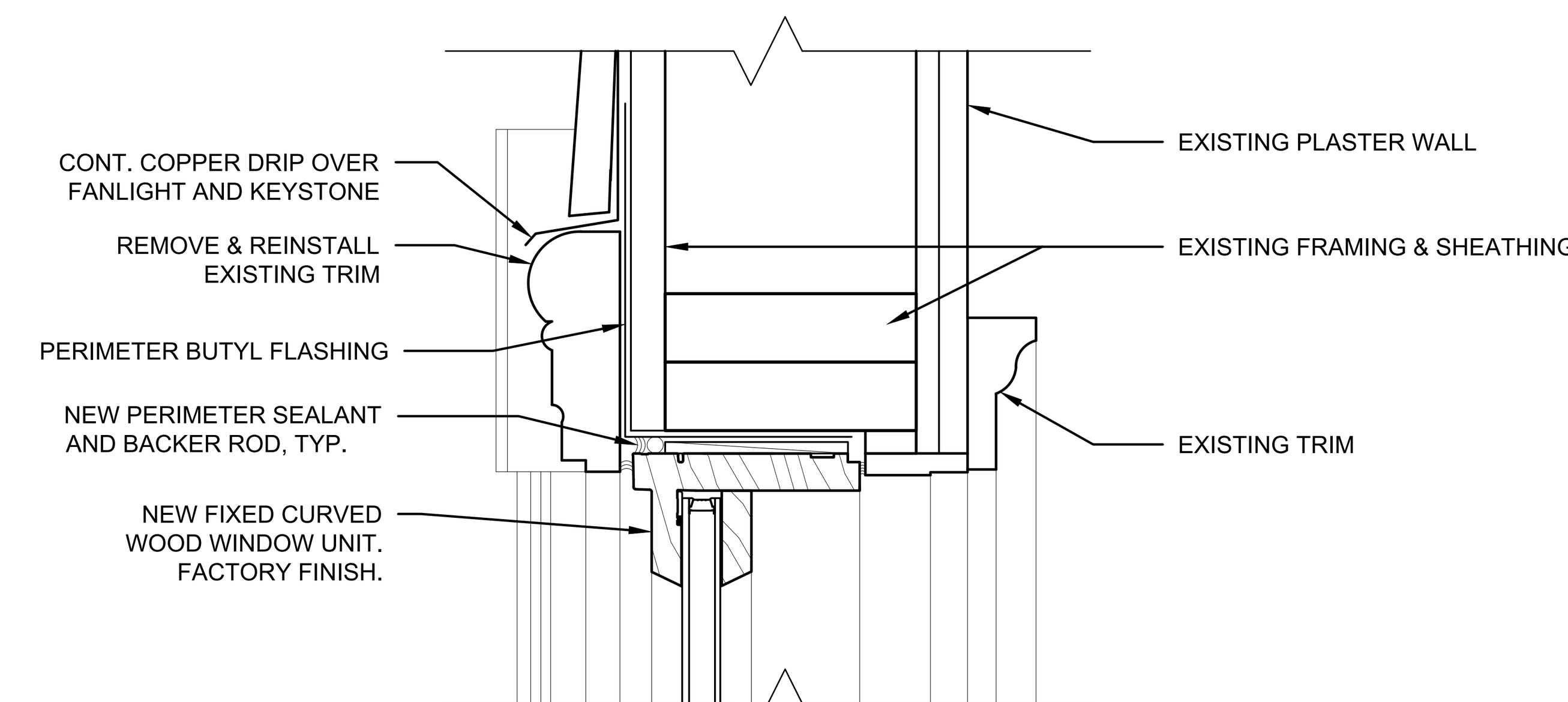
2 SIDELIGHT JAMB
3" = 1'-0"



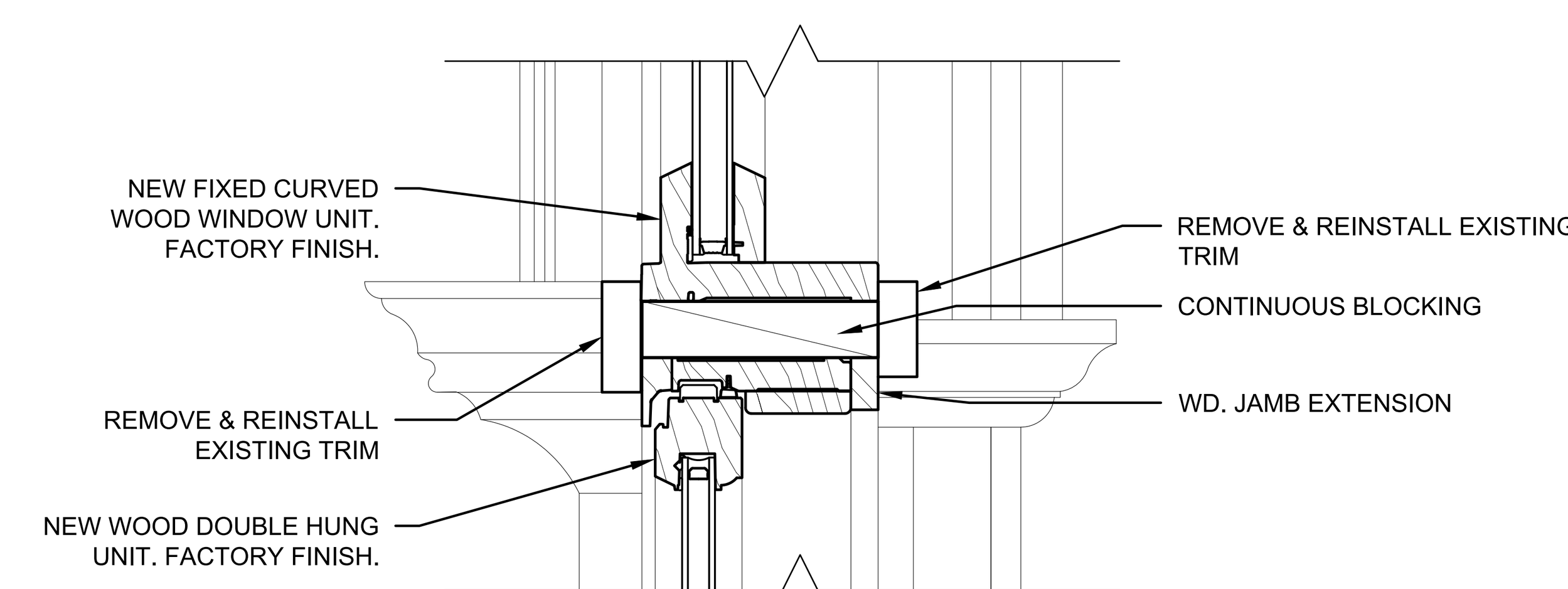
1 SIDELIGHT SILL
3" = 1'-0"



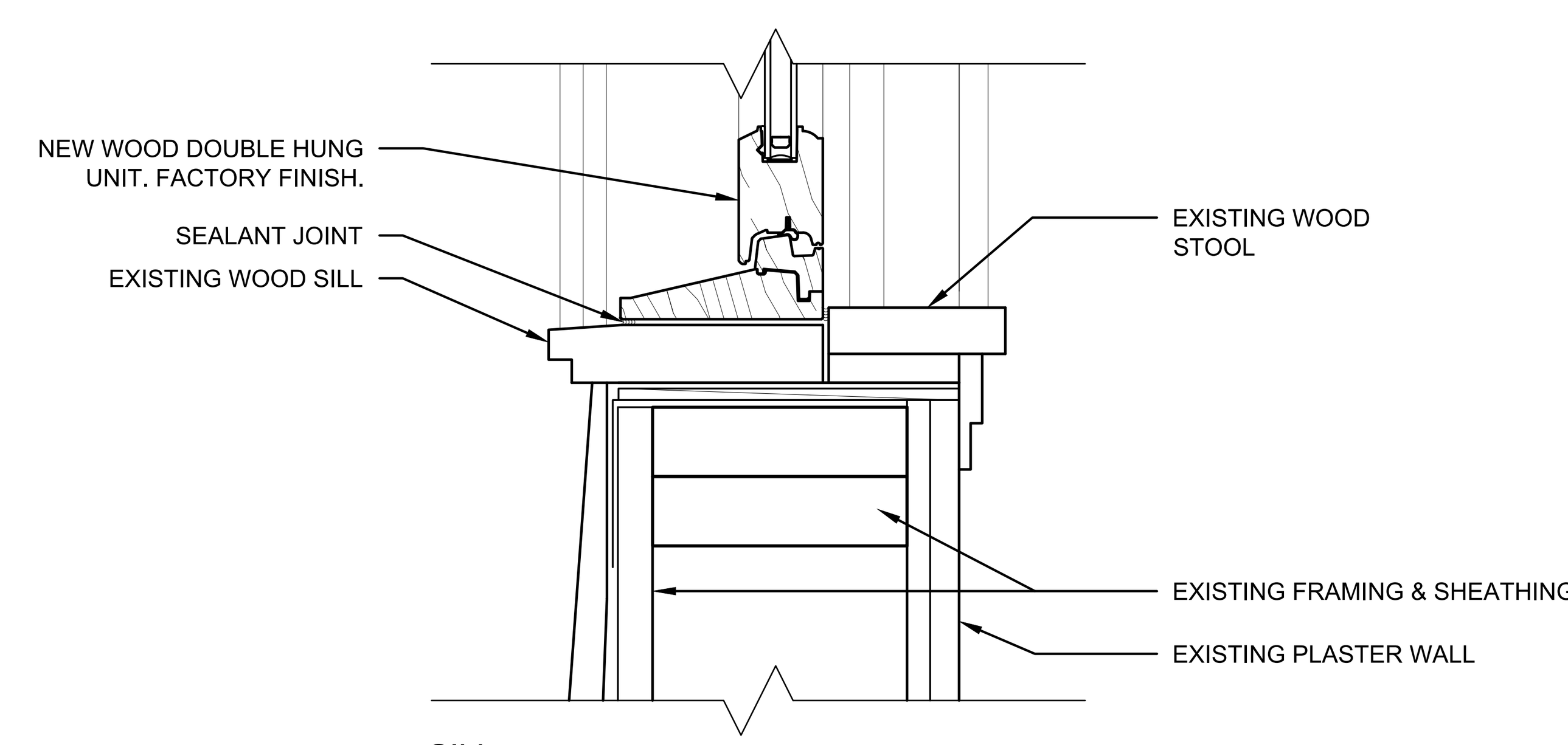
DETAILS KEY



7 FANLIGHT HEAD
3" = 1'-0"



6 HEAD-FANLIGHT SILL
3" = 1'-0"

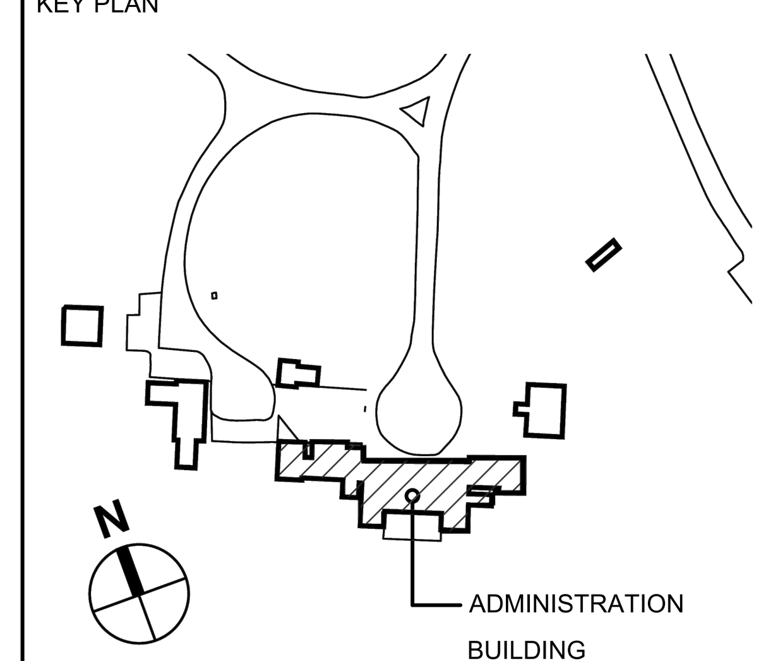


5 SILL
3" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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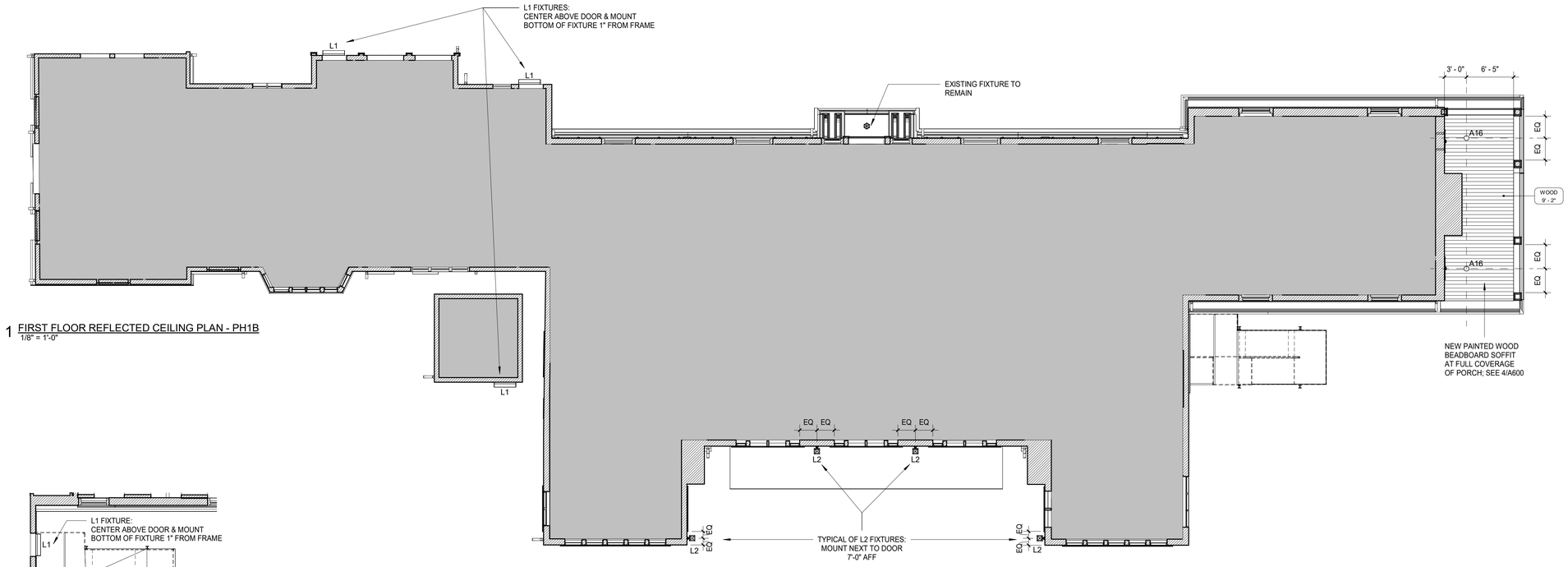
PROJECT:
SUCF #291036-02
Rehab Administration Building Exterior
SUNY Purchase College
Purchase, NY 10577

DRAWING TITLE:
WINDOW DETAILS - TYPE F

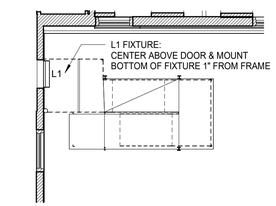
SCALE:
AS INDICATED

DATE:
10 SEPTEMBER 2024

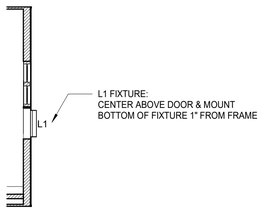
DRAWING NO.:
A608



1 FIRST FLOOR REFLECTED CEILING PLAN - PH1B
1/8" = 1'-0"



2 EAST EXTERIOR STAIR, 2ND FL RCP
1/8" = 1'-0"

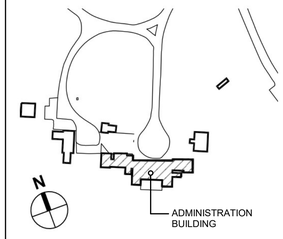


3 EAST EXTERIOR STAIR, 3RD FL RCP
1/8" = 1'-0"

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
REFLECTED CEILING PLANS

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

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
A800

GENERAL NOTES

PART I. SPECIAL INSPECTIONS

A. SPECIAL INSPECTION SHALL BE PERFORMED PER THE APPLICABLE SECTIONS OF THE BUILDING CODE FOR ALL REQUIRED STRUCTURAL ITEMS INCLUDING:

SPECIAL INSPECTION ITEMS	CODE/SECTION
WOOD CONSTRUCTION	BC 1705.5

PART II. GENERAL

A. CODES AND STANDARDS

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF 2020 NEW YORK STATE BUILDING CODE, HEREINAFTER REFERRED TO AS BUILDING CODE, MOST RECENT EDITION, AND TO THE REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION.

2. WHERE MORE STRINGENT, THE FOLLOWING CODES, STANDARDS AND SPECIFICATIONS, LATEST EDITION AND REVISION, SHALL APPLY TO THE WORK, ALL AS MODIFIED HEREIN OR BY BUILDING CODE:

   A) ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, BY THE AMERICAN CONCRETE INSTITUTE.

   B) ACI 301 SPECIFICATION FOR STRUCTURAL CONCRETE, BY THE AMERICAN CONCRETE INSTITUTE.

   C) ACI 315 DETAILS AND DETAILING OF CONCRETE REINFORCEMENT, BY THE AMERICAN CONCRETE INSTITUTE.

   D) NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS). BY THE AMERICAN WOOD COUNCIL.

B. GENERAL REQUIREMENTS

1. 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.

2. 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 VERIFICATION OF THE PHYSICAL INTERRELATIONSHIPS OF ELEMENTS OF THE WORK FROM PLANS AND SPECIFICATIONS, AND IN THE FIELD IS THE CONTRACTOR'S SOLE RESPONSIBILITY. THE ARCHITECT'S AND STRUCTURAL ENGINEER'S REVIEW OF CONTRACTOR'S SUBMISSIONS DOES NOT RELIEVE CONTRACTOR FROM THESE RESPONSIBILITIES.

3. 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. MEASUREMENTS ARE THE RESPONSIBILITY OF CONTRACTOR.

4. 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. LAY OUT FROM AT LEAST TWO PRE-ESTABLISHED BENCHMARKS AND AXIS LINES, INDIVIDUALLY CORRECT FOR LENGTH AND BEARING.

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

6. THE CONTRACTOR REMAINS FULLY RESPONSIBLE FOR THE DISPOSITION OF AND FOR THE EXPOSURE TO PERSONS OF ALL MATERIALS, WHETHER OR NOT HAZARDOUS. THE CONTRACTOR REMAINS FULLY RESPONSIBLE FOR THE HANDLING OF AND THE REMOVAL OF PRODUCTS AND SYSTEMS AND SHALL TAKE ALL NECESSARY MEASURES TO PROTECT EMPLOYEES, SUBCONTRACTORS, THE GENERAL PUBLIC, DESIGN CONSULTANTS AND ALL OTHERS.

C. 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.

D. EXISTING STRUCTURE

1. DIMENSIONS AND DETAILS SHOWN IN STRUCTURAL DRAWINGS ARE TAKEN FROM THE ORIGINAL DESIGN DOCUMENTS AND MAY NOT ACCURATELY 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.

2. EXISTING STRUCTURE TO REMAIN SHALL BE INSPECTED FOR DAMAGE AND REPAIRED TO ORIGINAL CONDITION. REPAIRED APPEARANCE SHALL BE THE CONDITION ACCEPTABLE TO ARCHITECT AND STRUCTURAL ENGINEER.

E. SHORING AND DEMOLITION

1. 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.

   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.

2. REMOVE ALL DEMOLISHED MATERIAL PROMPTLY FROM THE SITE.

3. ERECT AND MAINTAIN DUSTPROOF BARRIERS TO PREVENT SPREAD OF DUST OR FUMES. PROVIDE MEANS FOR EFFECTIVE DUST CONTROL. REMOVE BARRIERS UPON COMPLETION. REFER TO ARCHITECTURAL DEMOLITION NOTES.

4. 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.

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

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

F. SHOP DRAWINGS AND SUBMITTALS

1. GENERAL: SHOP DRAWINGS ARE NOT CONTRACT DOCUMENTS, BUT ARE INTENDED TO DEMONSTRATE THE WAY THAT CONTRACTOR INTENDS TO CONFORM TO THE REQUIREMENTS PROVIDED IN THE CONTRACT DOCUMENTS. CONTRACTOR MAY WISH TO USE THESE SAME DRAWINGS AS A PART OF THE INSTRUCTIONS GIVEN TO CRAFTSPERSONS FOR THE ACCOMPLISHMENT OF THE WORK.

2. SHOP DRAWING REVIEW INCLUDES ENGINEERING CALCULATIONS TO THE EXTENT NECESSARY TO ASCERTAIN THAT THE CONTRACTOR'S CALCULATIONS HAVE BEEN COMPETENTLY PREPARED.

   ENGINEERING CALCULATIONS PROVIDED TO CONTRACTOR MAY BE REPRESENTATIVE OF MANY SIMILAR CONDITIONS AND SHOULD NOT BE CONSTRUED BY CONTRACTOR AS APPLYING TO ONE DETAIL OR ONE CONDITION ONLY.

3. SHOULD STRUCTURAL ENGINEER'S MARKS OR CORRECTIONS BE MADE IN ANY SHOP DRAWING THAT WOULD OR COULD RESULT IN INCORRECT FIT OF ANY PART OR RESULT IN INSUFFICIENT STRENGTH OR STABILITY OF THE WORK, CONTRACTOR SHALL SO NOTIFY IN WRITING SO AS TO EXPEDITE THE REQUIRED CORRECTION OR MODIFICATION.

4. RESUBMISSION OF SHOP DRAWINGS: PRIOR TO RESUBMISSION OF SHOP DRAWINGS WITH ADDITIONS, DELETIONS, OR CORRECTIONS, CONTRACTOR SHALL CIRCLE AND IDENTIFY ALL CHANGES FROM THE PRIOR ISSUE. SHOP DRAWINGS SUBMITTED WITHOUT EACH CHANGE BOTH CIRCLED AND CLEARLY IDENTIFIED WILL BE RETURNED FOR RESUBMISSION.

5. SHOP DRAWINGS SHALL INCLUDE PLANS, ELEVATIONS, SECTIONS AND COMPLETE DETAILS TO DESCRIBE CLEARLY, AT AN AMPLE SCALE, ALL WORK TO BE PROVIDED. SHOP DRAWINGS SHALL BE ACCURATELY DIMENSIONED AND SHALL BE NOTATED CLEARLY.

PART III. STRUCTURAL WOOD NOTES

1. LUMBER FRAMING (INCLUDING STUDS, PLATES, BEAMS, JOISTS, BRIDGING, BLOCKING, AND NAILERS) SHALL BE DOUGLAS FIR LARCH (NORTH) NO.2 OR BETTER, Fb = 850 PSI, E = 1,600,000 PSI, VISUALLY GRADED LUMBER OR MACHINE EVALUATED LUMBER. ALL LUMBER FRAMING SHALL BE DRIED TO A MOISTURE CONTENT OF NOT MORE THAN 19% PRIOR TO USE IN THE WORK. SIZES GIVEN IN PLANS AND DETAILS ARE NOMINAL. ACTUAL SIZES SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.

2. WOOD STRUCTURAL PANEL SHEATHING, INCLUDING PLYWOOD AND ORIENTED STRAND BOARD (OSB), SHALL CONFORM TO DOC PS1, CONSTRUCTION AND INDUSTRIAL PLYWOOD, OR DOC PS2, PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL-USE PANELS. ALL PANELS SHALL BE IDENTIFIED BY A GRADE MARK OR CERTIFICATE OF INSPECTION ISSUED BY AN APPROVED AGENCY. ALL PANELS SHALL HAVE EXTERIOR TYPE GLUE.

3. ALL WOOD FRAMING EXPOSED TO WEATHERSHALL BE PRESSURE TREATED. FRAMING MATERIALS DESIGNATED AS PRESSURE TREATED OR PRESSURE PRESERVATIVELY TREATED IN THE CONTRACT DOCUMENTS, OR SHALL BE PRESSURE PRESERVATIVELY TREATED AND DRIED AFTER TREATMENT IN ACCORDANCE WITH AWPA C22, BY AMERICAN WOOD-PRESERVERS' ASSOCIATION.

4. STRUCTURAL MEMBERS SHALL NOT BE CUT, BORED OR NOTCHED EXCEPT WHERE SPECIFICALLY ACCEPTED BY STRUCTURAL ENGINEER. SUBMIT PROPOSED SIZE, LOCATION AND DEPTH OF ALL PENETRATIONS THROUGH STRUCTURAL MEMBERS FOR REVIEW AND ACCEPTANCE BY STRUCTURAL ENGINEER.

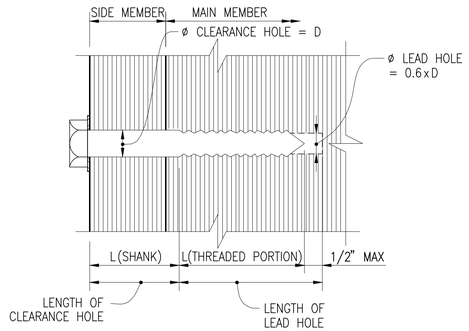
5. INSTALL ALL WOOD CONNECTORS AND ANCHORS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

6. LAG SCREWS SHALL CONFORM TO ANSI/ASME B18.2.1 AND TO APPENDIX L, "(NON-MANDATORY) TYPICAL DIMENSIONS FOR STANDARD HEX LAG SCREWS" IN NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, AND SHALL HAVE A MINIMUM BENDING YIELD STRENGTH, Fyb, OF 70 KSI FOR 1/4"ø, 60 KSI FOR 5/16"ø, AND 45 KSI FOR 3/8"ø AND LARGER.

   PROVIDE CLEARANCE AND LEAD HOLES IN WOOD MEMBERS (SPECIFIC GRAVITY, G, LESS THAN OR EQUAL TO 0.5) FOR ALL LAG SCREWS WITH NOMINAL DIAMETER, D, AS FOLLOWS:

   A. THE CLEARANCE HOLE FOR THE UNTHREADED SHANK SHALL HAVE A DIAMETER = D AND A DEPTH OF PENETRATION = THE LENGTH OF THE UNTHREADED SHANK.

   B. THE LEAD HOLE FOR THE THREADED PORTION SHALL HAVE A DIAMETER = 0.6xD AND A LENGTH = THE LENGTH OF THE THREADED PORTION + 1/2".



   PROVIDE A STANDARD CUT WASHER BETWEEN THE WOOD AND THE LAG SCREW HEAD. AT CONTRACTOR'S OPTION, DRY SOAP MAY BE APPLIED TO THE THREADS OF LAG SCREWS TO FACILITATE INSTALLATION.

7. WOOD SCREWS SHALL CONFORM TO ANSI/ASME B18.6.1 AND TO APPENDIX L, "(NON-MANDATORY) TYPICAL DIMENSIONS FOR STANDARD WOOD SCREWS" IN NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, AND SHALL HAVE A MINIMUM BENDING YIELD STRENGTH, Fyb, OF 100 KSI FOR AND SHALL HAVE A MINIMUM BENDING YIELD STRENGTH, Fyb, OF 100 KSI FOR NO.6 AND SMALLER SCREWS, 90 KSI FOR NO.7 THROUGH NO.9 SCREWS, 80 KSI FOR NO.10 THROUGH NO.12 SCREWS, AND 70 KSI FOR NO.14 AND LARGER SCREWS. PRE-DRILL LEAD HOLES FOR WOOD SCREWS IN WOOD MEMBERS WITH SPECIFIC GRAVITY, G, 0.5 OR HIGHER AND IN EXISTING WOOD MEMBERS.

   AS A MINIMUM, PROVIDE PENETRATION OF WOOD SCREW INTO WOOD MEMBER EQUAL TO 6 x SCREW DIAMETER.

8. NAILS SHALL CONFORM TO ASTM F1667 AND TO APPENDIX L, "(NON-MANDATORY) TYPICAL DIMENSIONS FOR STANDARD COMMON, BOX AND SINKER NAILS" IN NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION

   TOE NAILS SHALL BE DRIVEN AT AN ANGLE OF APPROXIMATELY 30 DEGREES WITH THE WOOD MEMBER AND STARTED APPROXIMATELY ONE-THIRD OF THE LENGTH OF THE NAIL FROM THE MEMBER END.

   AS A MINIMUM, PROVIDE PENETRATION OF NAIL INTO WOOD MEMBER EQUAL TO 6 x NAIL DIAMETER, BUT NOT LESS THAN RECOMMENDED IN BUILDING CODE AND IN NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION

9. FASTENERS EXPOSED TO WEATHER OR TO AMBIENT TEMPERATURE CHANGE SHALL BE HOT-DIPPED GALVANIZED UNLESS OTHERWISE NOTED. BOLTS OR LAG SCREWS EXPOSED TO VIEW SHALL BE STAINLESS STEEL, ASTM F593C OR F593D WITH A MINIMUM YIELD STRENGTH, Fyb, OF 80 KSI FOR 1/4"ø THROUGH 5/8"ø, AND 45 KSI FOR 3/4"ø AND LARGER. NUTS FOR STAINLESS STEEL BOLTS SHALL CONFORM TO ASTM F594. WASHERS FOR STAINLESS STEEL BOLTS SHALL CONFORM TO AISI 304 OR 316 AND CONFORM TO ASTM A240. WOOD SCREWS EXPOSED TO WEATHER OR AMBIENT TEMPERATURE CHANGE SHALL BE TYPE 18-8 WITH STRENGTH PROPERTIES IN ACCORDANCE WITH NOTE 10 ABOVE.

PART IV. OWNER'S TESTING AND INSPECTION

A. GENERAL

1. THE TESTING ACTIVITIES ARE ONLY FOR THE LIMITED PURPOSE OF EXAMINING CONTRACTOR'S QUALITY ASSURANCE PROGRAM FOR CONFORMANCE WITH THE INTENT OF THE CONTRACT DOCUMENTS. CONTRACTOR, ALONE, IS RESPONSIBLE FOR THE ACHIEVING OF THE REQUIRED LEVEL OF QUALITY, BOTH IN THE SHOP AND IN THE FIELD.

STRUCTURAL DESIGN CRITERIA

THIS STRUCTURAL DESIGN CRITERIA OF THE PROJECT IS FOR CODE COMPLIANCE AND DOES NOT MODIFY, ALTER OR OVERRULE THE SPECIFICATIONS OR THE DRAWINGS.

A. LOCATION

THIS PROJECT IS LOCATED IN PURCHASE, NEW YORK AT THE SUNY PURCHASE CAMPUS.

B. CODES

THE STRUCTURAL DESIGN, REPRESENTED BY THE CONTENTS OF THE CONTRACT DOCUMENTS, IS IN GENERAL ACCORD WITH THE MINIMUM REQUIREMENTS OF THE FOLLOWING CODES AND STANDARDS. IN SOME INSTANCES, LERA HAS CONCLUDED THAT MORE STRINGENT REQUIREMENTS ARE APPROPRIATE FOR THE STRUCTURAL DESIGN OF THE PROJECT; IN THOSE INSTANCES, THE MORE STRINGENT STRUCTURAL REQUIREMENTS HAVE BEEN APPLIED.

1. 2020 NEW YORK STATE BUILDING CODE.

2. NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION WITH 2018 NDS SUPPLEMENT (ANSI/AWC NDS-2018), BY AMERICAN WOOD COUNCIL.

C. WIND LOADS

WIND LOADS ARE DETERMINED FROM THE 2020 NEW YORK STATE BUILDING CODE AND ASCE 7-16, BASED ON THE FOLLOWING PARAMETERS:

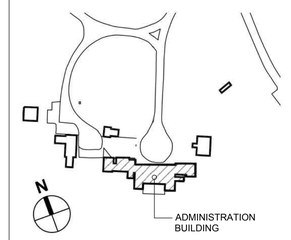
1. WIND LOAD PARAMETERS

BASIC WIND SPEED:	V = 115 MPH
DIRECTIONALITY FACTOR:	K_d = 0.85
OCCUPANCY CATEGORY:	II
IMPORTANCE FACTOR:	I = 1.00
MEAN ROOF HEIGHT:	h = 32.8 FEET

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Adelaide Environmental Health
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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

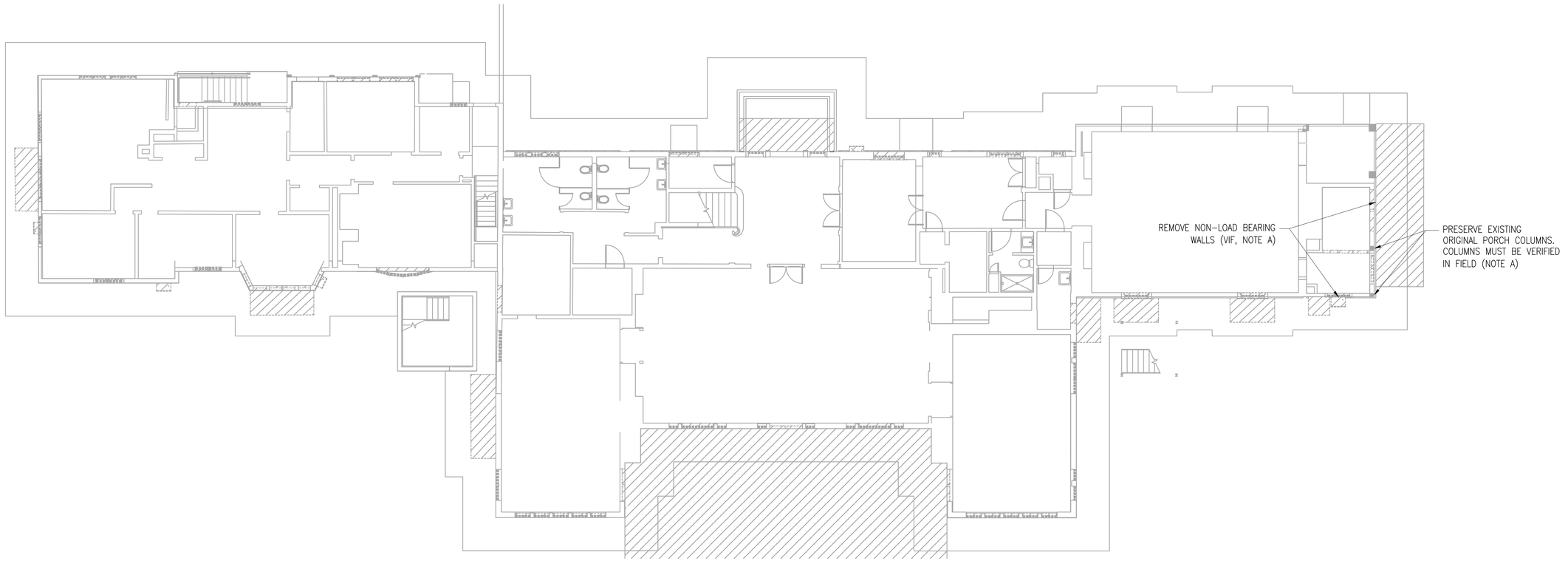
State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
GENERAL NOTES AND STRUCTURAL DESIGN CRITERIA

SCALE:

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
S001



1 FIRST FLOOR DEMOLITION PLAN

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

NOTES:

1. EXISTING STRUCTURE SHOWN FADED. NEW WORK SHOWN IN BOLD.
2. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, FINISHES AND OTHER INFORMATION NOT SHOWN HEREIN.

REFERENCE NOTES:

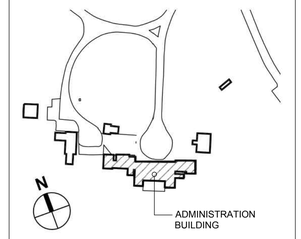
A. CONTRACTOR TO VERIFY THAT PORCH COLUMNS EXIST AS SHOWN ON PLAN PRIOR TO DEMOLITION OF NON-LOAD BEARING WALLS, NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES PRIOR TO START OF WORK.

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

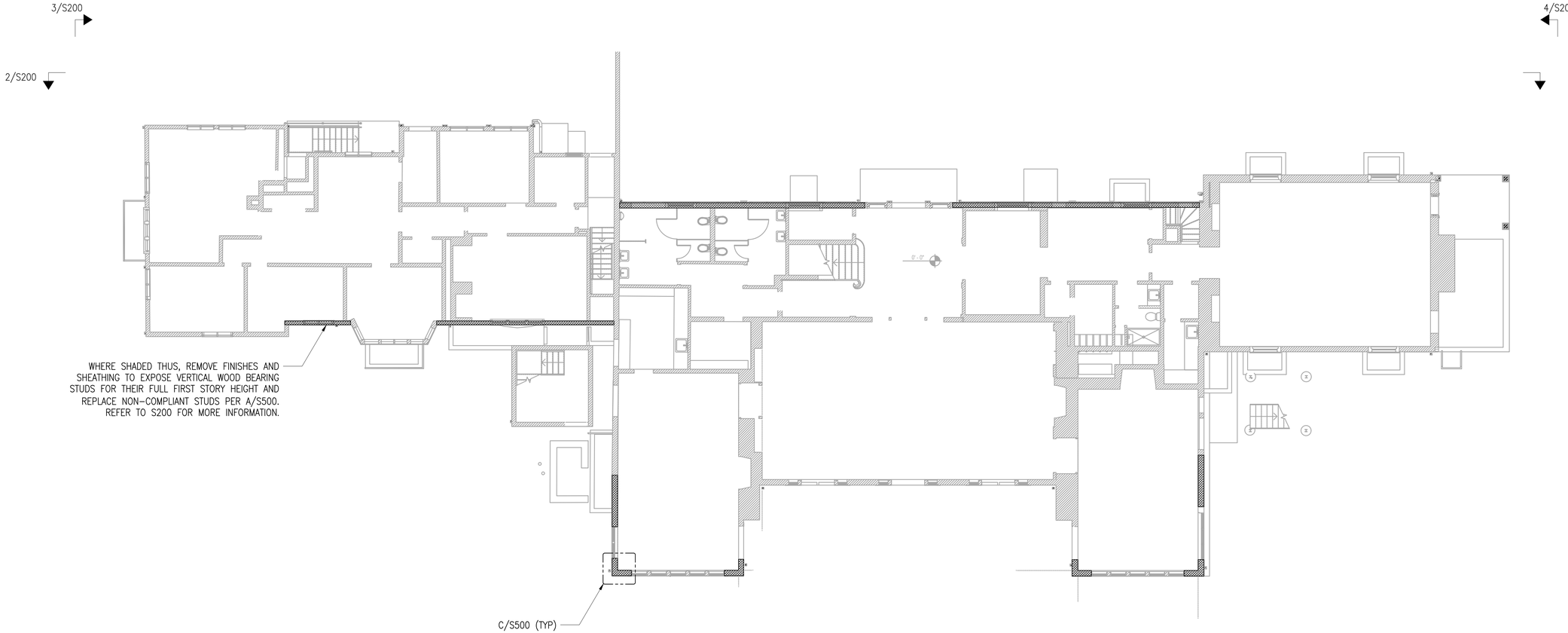
FIRST FLOOR DEMOLITION PLAN

SCALE:

DATE:
10 SEPTEMBER 2024

DRAWING NO.:

DS101



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

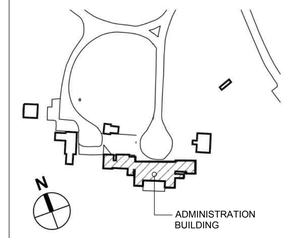
NOTES:

1. EXISTING STRUCTURE SHOWN FADED. NEW WORK SHOWN IN BOLD.
2. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, FINISHES AND OTHER INFORMATION NOT SHOWN HEREIN.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
FIRST FLOOR PLAN

SCALE:

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
S101

NOTES:

1. EXISTING STRUCTURE SHOWN FADED. NEW WORK SHOWN IN BOLD.
2. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, FINISHES AND OTHER INFORMATION NOT SHOWN HEREIN.

WHERE SHADED THUS, REMOVE FINISHES AND SHEATHING TO EXPOSE VERTICAL WOOD BEARING STUDS FOR THEIR FULL FIRST STORY HEIGHT AND REPLACE NON-COMPLIANT PER A/S500

ASSUME 1/3 OF STUDS IN SHADED AREAS WILL REQUIRE REPLACEMENT (APPROXIMATELY 40 TOTAL STUDS FOR ALL AREAS)

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

2 NORTH ELEVATION
SCALE: 1/8" = 1'-0"

3 WEST ELEVATION
SCALE: 1/8" = 1'-0"

4 EAST ELEVATION
SCALE: 1/8" = 1'-0"

ISSUE:
BID DOCUMENTS

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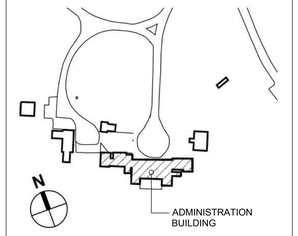
KEY PLAN



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PROJECT:
SUCF #291036-02
Rehab Administration
Building Exterior

State University College at Purchase
Purchase, NY 10577

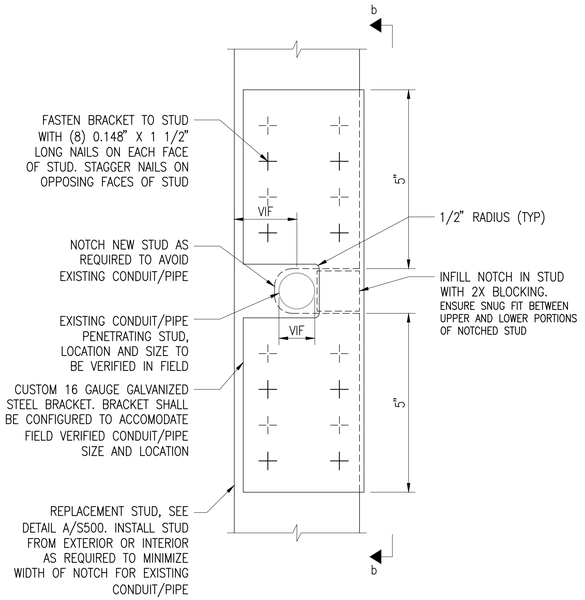
DRAWING TITLE:
EXTERIOR BUILDING ELEVATIONS

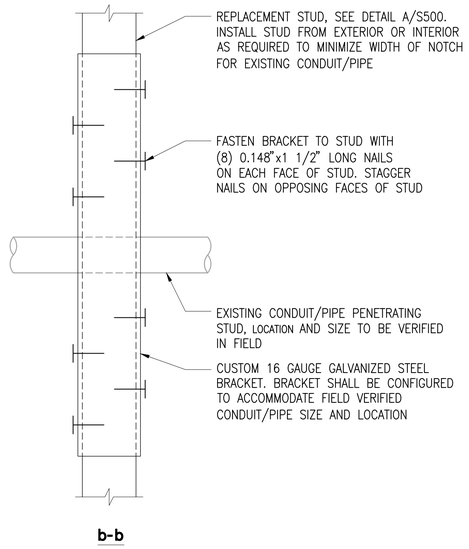
SCALE:

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
S200

STATE OF NEW YORK
RICHARD ZOTOS
LICENSED PROFESSIONAL ENGINEER



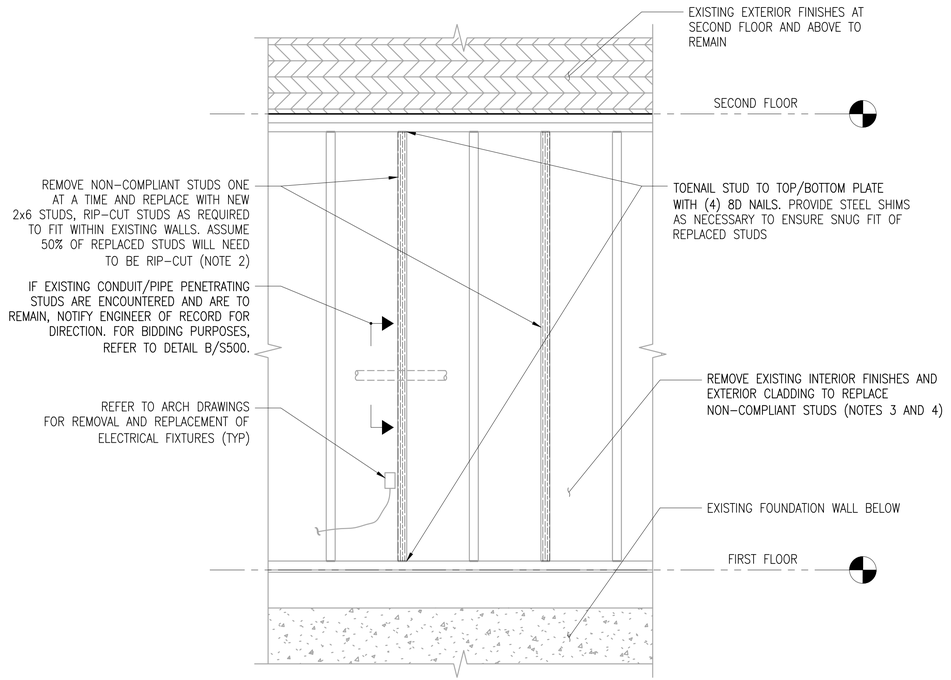


b-b

SEQUENCING NOTES:

1. REMOVE NON-COMPLIANT STUD AS INDICATED IN DETAIL A/S500.
2. NOTCH NEW STUD AS REQUIRED TO AVOID EXISTING CONDUIT/PIPE.
3. INFILL NOTCH IN STUD WITH 2X BLOCKING. ENSURE SNUG FIT BETWEEN UPPER AND LOWER PORTIONS OF NOTCH IN STUD.
4. FASTEN GAUGE STEEL BRACKET TO STUD.

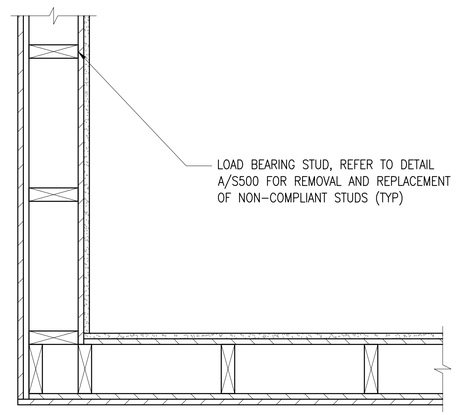
B
SCALE: 3" = 1'-0"



NOTES:

1. EXISTING STRUCTURE SHOWN FADED. NEW WORK SHOWN IN BOLD.
2. NON-COMPLIANT STUDS INCLUDE: STUDS WITH WATER DAMAGE, TERMITE DAMAGE AND/OR HAVE BEEN PREVIOUSLY REPAIRED IN A NON-COMPLIANT MANNER. CONTRACTOR SHALL SCHEDULE A SITE VISIT WITH THE ENGINEER OF RECORD TO OBSERVE STUD CONDITIONS AFTER REMOVAL OF EXTERIOR SHEATHING AND FINISHES. CONTRACTOR AND ENGINEER SHALL FIELD VERIFY WHICH STUDS ARE NON-COMPLIANT. CONTRACTOR SHALL PRODUCE AS BUILT DRAWINGS INDICATING THE NON-COMPLIANT STUDS THAT WERE REPLACED.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXTERIOR CLADDING REMOVAL AND REPLACEMENT.
4. REFER TO ARCHITECTURAL DRAWINGS FOR REMOVAL AND REPLACEMENT OF INTERIOR FINISHES.

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



NOTES:

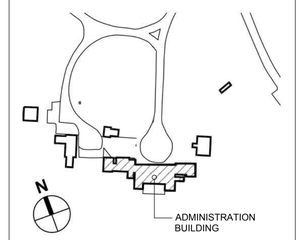
1. EXISTING STUD CONFIGURATION TO BE VERFIED IN FIELD. NOTIFY ENGINEER AND ARCHITECT OR ANY DISCREPANCIES PRIOR TO START OF CONSTRUCTION.
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXTERIOR CLADDING.
3. REFER TO ARCHITECTURAL DRAWINGS FOR INTERIOR FINISHES.

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

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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DRAWING TITLE:
SECTION AND DETAILS

SCALE:

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
S500

MECHANICAL ABBREVIATIONS:

ACCU	AIR COOLED CONDENSING UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AL	ACOUSTICAL LINING
AHU	AIR HANDLING UNIT
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
CUH	CABINET UNIT HEATER
CP	CONDENSATE PUMP
CRP	CONDENSATE RETURN PUMP
EUH	ELECTRIC UNIT HEATER
EL	ELEVATION
EF	EXHAUST FAN
FD	FIRE DAMPER AND ACCESS DOOR
FSD	FIRE SMOKE DAMPER AND ACCESS DOOR
GIWS	GEOTHERMAL WATER SUPPLY
GIWR	GEOTHERMAL WATER RETURN
FC	FLEXIBLE CONNECTION
KGEF	KITCHEN GENERAL EXHAUST FAN
HC	HEATING COIL
HV	HEATING AND VENTILATING UNIT
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
RAL	RADIATOR ACTIVE LENGTH
RHC	REHEAT COIL
RLP	ROOF LOUVERED PENTHOUSE
RTU	ROOFTOP UNIT
SD	SMOKE DAMPER AND ACCESS DOOR
ST	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
UH	UNIT HEATER
FTR	FIN TUBE RADIATOR
MD	MOTORIZED DAMPER
HL	HEATING LOAD IN MBH
AL	ACTIVE LENGTH IN FEET
LTHWS	LOW TEMPERATURE HOT WATER SUPPLY
LTHWR	LOW TEMPERATURE HOT WATER 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
- TSH — 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 OUTLET - 3, 2 & 1 WAY THROW
- 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
- ST — 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
- SD — SMOKE DETECTOR HEAD IN DUCT
- DUCT FLEXIBLE CONNECTION
- VD — VOLUME DAMPER
- SPIN-IN FITTING WITH VOLUME DAMPER
- SLOPING RISE IN DUCTWORK
- SLOPING DROP IN DUCTWORK
- MD-X — MOTORIZED DAMPER
- L — LOUVER DOOR
- U — TRANSFER AIR THRU UNDERCUT
- RETURN OPENING ABOVE H.C. (1 SQ. FT. UNLESS OTHERWISE NOTED)
- CO2 — CARBON DIOXIDE SENSOR
- DDC PDP CAC — DIRECT DIGITAL CONTROL PANEL
- THERMOMETER
- DANFOSS CONTROL VALVE
- BDD — BACK DRAFT DAMPER
- MOTOR STARTER
- COMBINATION FLOAT AND THERMOSTATIC TRAP
- THERMOSTATIC TRAP
- RETURN REGISTER
- SUPPLY REGISTER
- VAV — VAV BOX
- AS X — AIR SEPERATOR

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
- DIRT POCKET
- 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
- TDV — TRIPLE DUTY VALVE
- SD — SUCTION DIFFUSER
- C — CONDENSATE PUMP
- M — MOTORIZED VALVE

GENERAL DEMOLITION NOTES:

1. PROVIDE SELECTIVE DEMOLITION OF HVAC WORK AS INDICATED ON THE DRAWINGS. MAINTAIN CONTINUITY OF ALL SERVICES. ALL SELECTIVE DEMOLITION AND REMOVALS SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES, AND THE APPROVED SEQUENCE OF WORK.
2. THE DRAWINGS DO NOT SUPPORT TO SHOW ALL REMOVALS. THE CONTRACTOR SHALL REMOVE ANY AND ALL OF THE MATERIALS NECESSARY FOR THE INSTALLATION OF NEW WORK AND THE CONNECTION OF EXISTING SYSTEMS TO NEW WORK.
3. THE CONTRACTOR IS ENCOURAGED TO VISIT THE SITE BEFORE BIDDINGTO BECOME FAMILIAR WITH EXISTING CONDITIONS AND MAKE HIS OWN ASSESSMENT OF THE EXTENT OF THE DEMOLITION WORK REQUIRED TO INSTALL NEW WORK. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND BE RESPONSIBLE FOR SAME.
4. DEMOLISHED MATERIALS, UNLESS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A LEGAL MANNER. ALL DISPOSAL OFF SITE, ON A REGULAR BASIS, AND RUBBISH CARTING IS DEMOLITION RESPONSIBILITY.
5. ALL OPENINGS DUE TO REMOVAL OF ANY EXISTING ELECTRICAL AND MECHANICAL ITEMS SHALL BE PATCHED AND REPAIRED TO MATCH EXISTING FINISHED AND/OR NEW FINISHES. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS INCLUDING THE MATERIALS, FOR PATCHING OPENINGS TO MATCH EXISTING CONSTRUCTION.
6. PRIOR TO THE START OF DEMOLITION, THE CONTRACTOR SHALL COORDINATE DEMOLITION WORK AND ALL SHUTDOWNS AFFECTING SCHOOL ON UPPER AND LOWER FLOORS WITH THE OWNER OR OWNER'S REPRESENTATIVE.
7. ALL DEMOLITION AND REMOVAL WORK SHALL BE COMPLETED AS INDICATED AND NOTED ON THE DRAWING AND AS SPECIFIED.
8. BEFORE STARTING WORK MAKE A THOROUGH EXAMINATION OF THOSE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED. CHECK ALL THE WORK ADJOINING OR AT UNDERLYING LOCATIONS. REPORT TO THE ENGINEER ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. DO NOT START THE WORK UNTIL SUCH CONDITIONS HAVE BEEN EXAMINED AND A COURSE OF ACTIONS MUTUALLY AGREED UPON.
9. PRIOR TO START OF DEMOLITION, THE COLLEGE FACILITIES TEAM AND THE CONTRACTOR SHALL WALK THROUGH THE SPACES AND TAG AND/OR LIST ALL ITEMS WHICH SHOULD BE TURNED OVER TO OWNER. SUCH ITEMS SHALL BE REMOVED AND STORED CAREFULLY AND DELIVERED TO THE OWNER.
10. KEEP ALL ADJOINING PUBLIC AREAS CLEAN AND FREE OF DEBRIS OF CONSTRUCTION MATERIALS DURING WORKING HOURS. PROVIDE SAFE CONDITIONS FOR THE GENERAL PUBLIC AND WORKMEN.
11. REPAIR AND/OR REPLACE EXISTING ITEMS NOT SCHEDULED OR NOTED TO BE DEMOLISHED, AND NOT SPECIFIED TO BE REMOVED, BUT WHICH BECOME DAMAGED DURING THE PROGRESS OF THE WORK. MAKE ANY AND ALL SUCH REPAIRS, REPLACEMENTS AND MODIFICATIONS TO RESTORE THE DAMAGED ITEMS TO THEIR ORIGINAL CONDITION PRIOR TO DAMAGE, TO THE SATISFACTION OF AND AT NO ADDITIONAL COST TO THE OWNER.
12. PATCH, FILL AND REPAIR ALL SURFACES DISTURBED, CUT, DAMAGED, IN NEED OF REPAIR OR MADE IMPERFECT BY ALTERATIONS OR REMOVAL WORK AND AS REQUIRED TO PREPARE SURFACES FOR NEW MATERIAL AND ARRANGEMENTS. REAPPLY FIRE STOPPING MATERIAL TO PATCH ANY FIRE RATED WALL OPENING AFTER PIPE AND/OR CONDUIT REMOVAL. PAINT ALL REPAIR SURFACE TO MATCH EXISTING FINISH. SEE SPECIFICATION SECTION 09900 (PAINTING) FOR DETAIL.
13. EXISTING FINISHES TO REMAIN THAT ARE DISTURBED BY DEMOLITION AND/OR RENOVATION SHALL BE PATCHED TO MATCH EXISTING.

BUILDING DEPARTMENT NOTES

1. WORK SHALL BE EXECUTED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF ALL LAWS, BY-LAWS, STATUTES, ORDINANCES, CODES, RULES, REGULATIONS BEARING ON THE PERFORMANCE AND EXECUTION OF THE WORK. THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT OF ANY PORTION OF THE WORK, IN THE CONTRACT DOCUMENTS THAT ARE AT VARIANCE WITH THE ABOVE.
2. THESE DRAWINGS HAVE BEEN PREPARED BY OR AT THE DIRECTION OF THE UNDERSIGNED AND TO THE BEST OF THE UNDERSIGNED'S KNOWLEDGE, INFORMATION AND BELIEF MEET THE REQUIREMENTS OF THE BUILDING CODE.

SUMMARY OF WORK

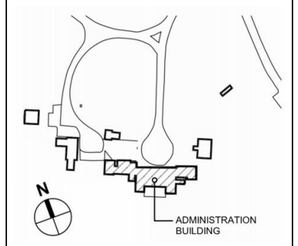
MECHANICAL WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING :

1. REMOVAL OF EXISTING WINDOW AC UNITS.
2. REMOVE AND REINSTALL EXISTING RADIATORS AND BASEBOARD HEATERS AS INDICATED ON PLANS.
3. REMOVE AND REINSTALL TOILET EXHAUST VENTS AS INDICATED ON PLANS.
4. REPLACE EXHAUST GRILLE AS INDICATED ON PLANS.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PROJECT:
SUCF #291036-02
Rehab Adminstration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:
HVAC SYMBOL, ABBREVATION AND NOTES AND DETAILS

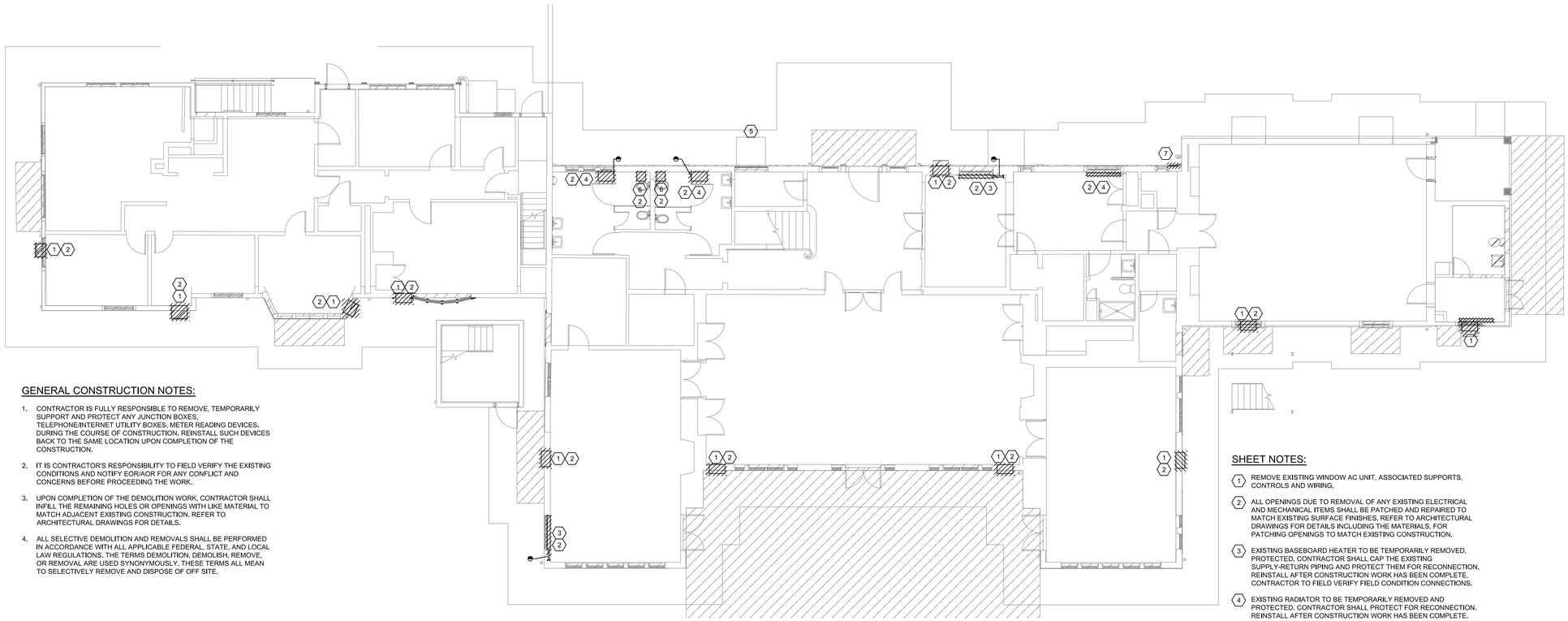
SCALE: AS NOTED

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
M001.00

STATE OF NEW YORK · JITENDRA K. AGARWAL · LICENSED PROFESSIONAL ENGINEER · 071758

A & J PROJECT No. 2301B



GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR IS FULLY RESPONSIBLE TO REMOVE, TEMPORARILY SUPPORT AND PROTECT ANY JUNCTION BOXES, TELEPHONE/INTERNET UTILITY BOXES, METER READING DEVICES. DURING THE COURSE OF CONSTRUCTION. REINSTALL SUCH DEVICES BACK TO THE SAME LOCATION UPON COMPLETION OF THE CONSTRUCTION.
2. IT IS CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE EXISTING CONDITIONS AND NOTIFY EOR/AOR FOR ANY CONFLICT AND CONCERNS BEFORE PROCEEDING THE WORK.
3. UPON COMPLETION OF THE DEMOLITION WORK, CONTRACTOR SHALL INFILL THE REMAINING HOLES OR OPENINGS WITH LIKE MATERIAL TO MATCH ADJACENT EXISTING CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
4. ALL SELECTIVE DEMOLITION AND REMOVALS SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAW REGULATIONS. THE TERMS DEMOLITION, DEMOLISH, REMOVE, OR REMOVAL ARE USED SYNONYMOUSLY. THESE TERMS ALL MEAN TO SELECTIVELY REMOVE AND DISPOSE OF OFF SITE.

SHEET NOTES:

1. REMOVE EXISTING WINDOW AC UNIT, ASSOCIATED SUPPORTS, CONTROLS AND WIRING.
2. ALL OPENINGS DUE TO REMOVAL OF ANY EXISTING ELECTRICAL AND MECHANICAL ITEMS SHALL BE PATCHED AND REPAIRED TO MATCH EXISTING SURFACE FINISHES. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS INCLUDING THE MATERIALS, FOR PATCHING OPENINGS TO MATCH EXISTING CONSTRUCTION.
3. EXISTING BASEBOARD HEATER TO BE TEMPORARILY REMOVED, PROTECTED, CONTRACTOR SHALL CAP THE EXISTING SUPPLY-RETURN PIPING AND PROTECT THEM FOR RECONNECTION. REINSTALL AFTER CONSTRUCTION WORK HAS BEEN COMPLETE. CONTRACTOR TO FIELD VERIFY FIELD CONDITION CONNECTIONS.
4. EXISTING RADIATOR TO BE TEMPORARILY REMOVED AND PROTECTED, CONTRACTOR SHALL PROTECT FOR RECONNECTION. REINSTALL AFTER CONSTRUCTION WORK HAS BEEN COMPLETE. CONTRACTOR TO FIELD VERIFY FIELD CONDITION CONNECTIONS.
5. CONTRACTOR SHALL PROTECT THE EXISTING FUEL OIL FILL STATION AND FUEL OIL VENT LINES. REMOVE THE EXISTING FUEL OIL TANK INFORMATION SIGN AND STORE AT SAFE LOCATION. REINSTALL THE SIGN AT THE SAME LOCATION AS EXISTING UPON COMPLETION OFTHE CONSTRUCTION.
6. CONTRACTOR SHALL REMOVE THE EXISTING TOILET EXHAUST VENT TERMINATIONS AND REINSTALL THEM AT THE SAME LOCATION UPON COMPLETION OF THE CONSTRUCTION. PROTECT THE EXHAUST FANS DURING CONSTRUCTION.
7. REMOVE AND REPLACE EXHAUST GRILLE. REPLACE GRILLE IN KIND IN TERMS OF SIZE. COORDINATE FINISH WITH ARCHITECT.

1 MD101.00 HVAC FIRST FLOOR DEMOLITION PLAN

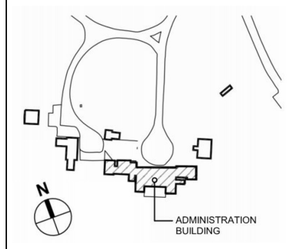
1/8"=1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Building Exterior

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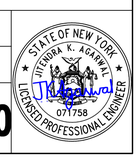
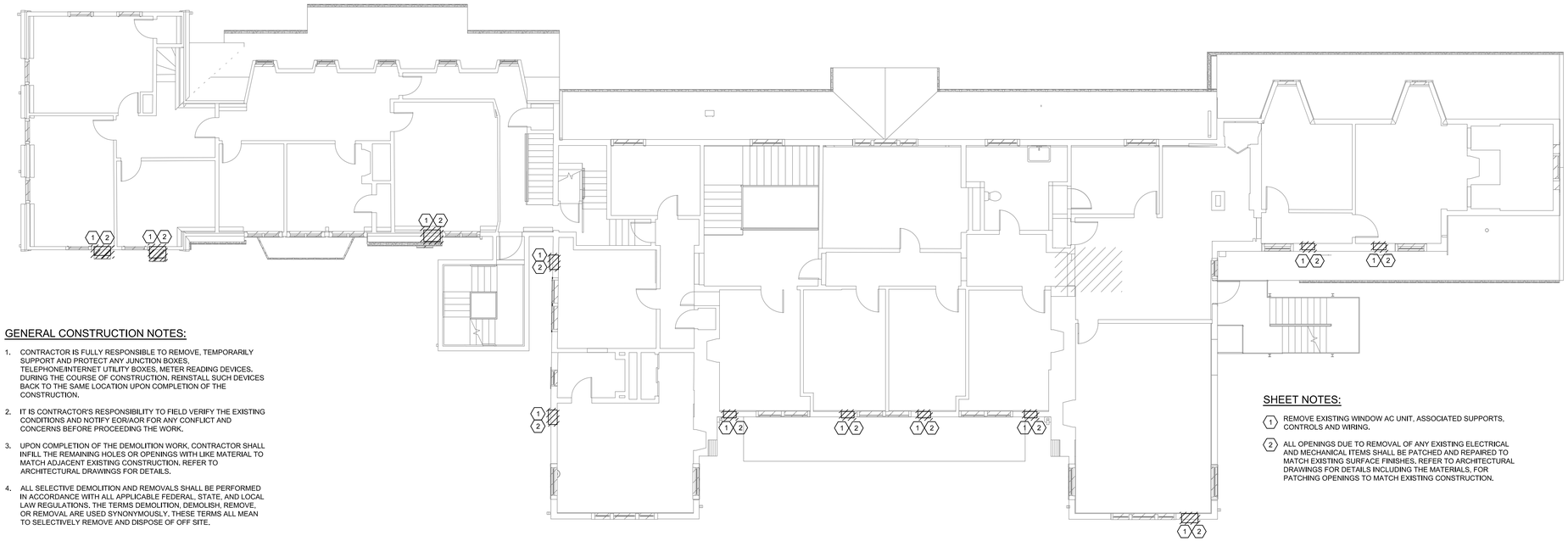


A & J PROJECT No. 2301B



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1 MD102.00 HVAC SECOND FLOOR DEMOLITION PLAN

1/8"=1'-0"

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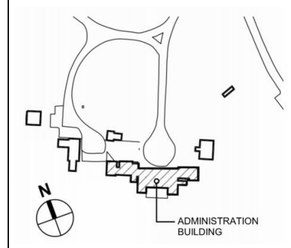

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HVAC SECOND FLOOR DEMOLITION PLAN

SCALE: AS NOTED

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STATE OF NEW YORK · JITENDRA K. AGARWAL · LICENSED PROFESSIONAL ENGINEER · 071758

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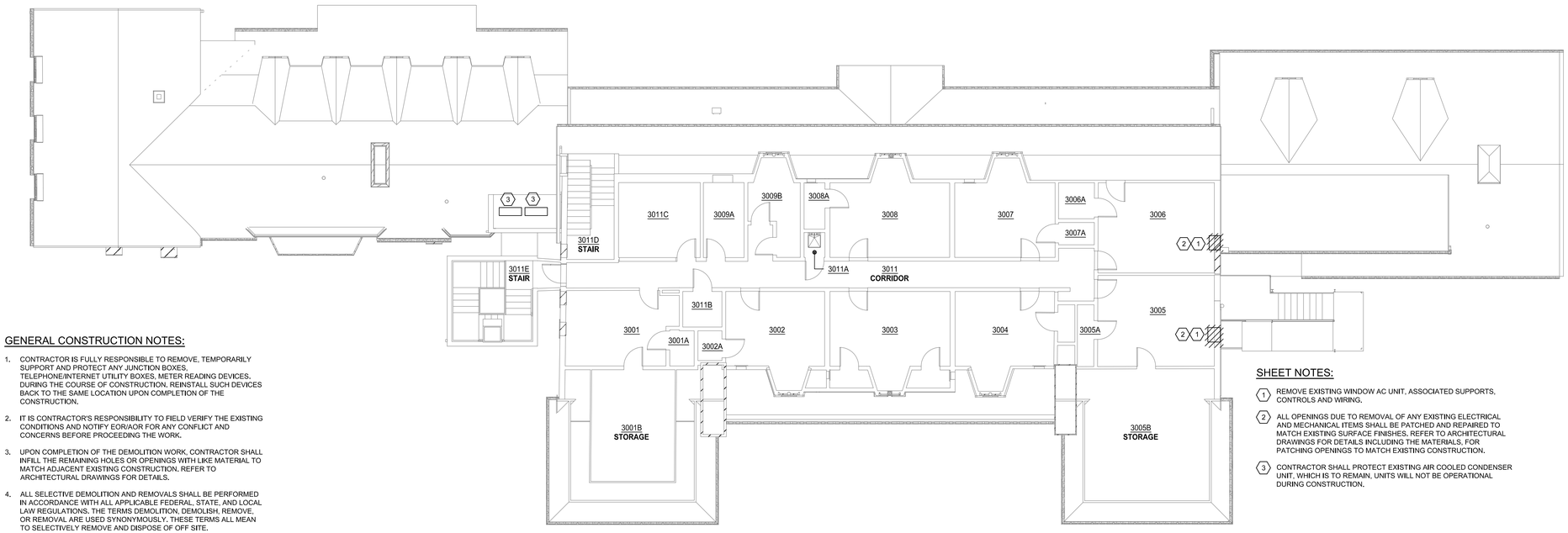

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3. CONTRACTOR SHALL PROTECT EXISTING AIR COOLED CONDENSER UNIT, WHICH IS TO REMAIN. UNITS WILL NOT BE OPERATIONAL DURING CONSTRUCTION.

1 MD103.00 HVAC THIRD FLOOR DEMOLITION PLAN

1/8"=1'-0"

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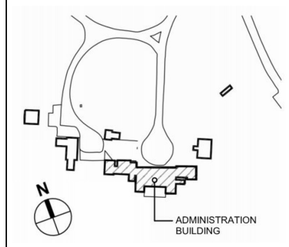

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JITENDRA K. AGARWAL
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LICENSED PROFESSIONAL ENGINEER

A & J PROJECT No. 2301B

ELECTRICAL SYMBOLS

	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.
GFI	QUADRUPLEX (DOUBLE DUPLEX) RECEPTACLE, WALL RECESSED 20A, 120A 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.
	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
	OUTLET(JUNCTION BOX) 4" SQUARE BOX MINIMUM.
S_u	MOTOR RATED SWITCH, NEMA-1 ENCLOSURE, U.O.N.
	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.
F	FIRE ALARM PULL STATION

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
EM	EMERGENCY FIXTURE
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.

LEGEND:

SYMBOL	DESCRIPTION
LPA-6 (PANEL — CKT. NO.)	LONG-SHORT DASH LINE AND TEXT INDICATES BOUNDARY OF PANEL AND CIRCUIT NO. DESIGNATION FOR LIGHTING FIXTURES, U.O.N.

DEMOLITION LEGEND

	HATCH OVER DEVICE INDICATES EXISTING DEVICE TO BE REMOVED.
ER	"ER" INDICATES EXISTING DEVICE TO REMAIN.
ETR	HATCH WITH "ETR" INDICATES EXISTING DEVICE TO BE RELOCATED IN NEW WORK
RL	"RL" INDICATES RELOCATED DEVICE IN NEW WORK.

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.

$A\square^{a}$	2'x2' LIGHTING FIXTURE.
$A\bigcirc a$	PENDANT LIGHTING FIXTURE.
	1'X4' PENDANT MOUNTED LIGHTING FIXTURE.
	EXIT LIGHT WITH EMERGENCY BATTERY BACK-UP. ARROWS INDICATE DIRECTION OF TRAVEL. 120/277 VOLT, SINGLE OR DOUBLE FACED AS NOTED.
	LIGHTING FIXTURES PROVIDED WITH HIGH-LUMEN EMERGENCY BATTERY 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. LOWER CASE SUBSCRIPT LETTER INDICATES CONTROLLED LIGHTING DESIGNATION.
OS	LOW VOLTAGE OCCUPANCY SENSOR FOR LIGHTING CONTROL, CEILING MOUNT. 'VS' INDICATES VACANCY SENSOR. 'DS' INDICATES DAYLIGHT SENSOR.
	EMERGENCY WALL FIXTURE WEATHER PROOF WITH PHOTO CELL & EMERGENCY BATTERY
$A\frown^{a}$	WALL MOUNTED LIGHTING FIXTURE.
PC	PHOTO CELL
TC	TIME CLOCK

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 ARCHITECTS 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. ALL OPENINGS, THROUGH RATED FIRE AND SMOKE WALLS, CREATED BY THE CONTRACTOR FOR CABLE OR CONDUIT PASS THROUGH SHALL BE SEALED WITH A FIRE STOPPING MATERIAL. FIRE STOPPING MATERIAL AND ITS APPLICATION SHALL BE ACCOMPLISHED IN SUCH A MANNER THAT IS ACCEPTABLE TO THE LOCAL FIRE AND BUILDING AUTHORITIES HAVING JURISDICTION OVER THIS WORK. ANY OPENINGS CREATED BY OR FOR THE CONTRACTOR AND LEFT UNUSED SHALL ALSO BE SEALED AS PART OF
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. CONTRACTOR SHALL FOLLOW THE PROCEDURES OUTLINED BY SUCF FOR AS BUILT DRAWING DOCUMENTATION UNDER THE GENERAL CONDITIONS DOCUMENT.
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: UBC, SEISMIC CODES, NEC, NFPA, ASMC, UMC, 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.
13. THE ARCHITECT HAS NO KNOWLEDGE OF AND SHALL NOT BE HELD LIABLE FOR ANY ASBESTOS OR OTHER HAZARDOUS MATERIALS ON THE JOB SITE. IF ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE DISCOVERED DURING CONSTRUCTION, OR DEMOLITION, STOP WORK AND CONTACT OWNER FOR FURTHER INSTRUCTIONS BEFORE PROCEEDING.

ELECTRICAL GENERAL NOTES:

1. THE WORD PROVIDE IN THESE ELECTRICAL SPECIFICATIONS AND DRAWINGS MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR INTENDED USE.
   1.a. FURNISH MEANS TO SUPPLY AND DELIVER TO PROJECT SITE, READY FOR INSTALLATION.
   1.b. INSTALL MEANS TO PLACE IN POSITION FOR SERVICE OR USE.
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 ONLY USE FOR FINAL CONNECTIONS TO LIGHTING FIXTURES, MOTORS ETC. ALL METAL CONDUIT SHALL BE GALVANIZED ELECTRIC METALLIC TUBING WITH SET-SCREW FITTINGS.
5. ALL RECEPTACLES SHALL BE MOUNTED AT 18" TO CENTER UNLESS OTHERWISE NOTED ON THE DRAWINGS.
6. FURNITURE, IF SHOWN, IS FOR REFERENCE ONLY AND IS NOT IN CONTRACT, U.O.N.
7. 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.
8. FURNISH AND INSTALL UNDERWRITERS LABORATORIES, INC. (UL) LABELED DEVICES THROUGHOUT.
9. WALL MOUNTED INITIATING AND ALARM DEVICES SHALL BE FLUSH MOUNTED IN ACCESSIBLE AND NEW PARTITIONS.
10. 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.
11. 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.
12. PROVIDE A COMPLETE OPERABLE SYSTEM IN A WORKMANLIKE MANNER. OUTLINE DESCRIPTION AND EQUIPMENT DO NOT LIMIT CONTRACTOR'S LIABILITY FOR THE INSTALLATION OF A COMPLETE OPERABLE SYSTEM.
13. ALL WORK SHOWN ON THE DRAWINGS NOT SPECIFICALLY CALLED OUT AS EXISTING SHALL BE CONSIDERED WORK TO BE PERFORMED UNDER THIS CONTRACT.
14. OBTAIN ALL ELECTRICAL PERMITS, TEST REPORTS, CERTIFICATIONS FOR TEMPORARY CERTIFICATE OF OCCUPANCY AND CERTIFICATE OF OCCUPANCY.
15. CONDUIT RUNS IN CORRIDORS SHALL CLEAR ALL ARCHITECTURAL FEATURES (DOORS, WINDOWS, ETC) AND SHALL BE COORDINATED WITH EXISTING OR NEW EQUIPMENT, PIPING AND DUCT WORK CORRESPONDING TO ALL TRADES INCLUDING BUT NOT LIMITED TO MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL TRADES. NOTIFY THE ENGINEER OF ANY OBSTRUCTION BEFORE INSTALLATION. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL NOT BE CONSIDERED ADDITIONAL WORK AND SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE OWNER. CONDUIT RUNS SHALL BE RUN CONCEALED WITHIN NEW WALLS AND CEILINGS.
16. IN UNFINISHED PORTIONS OF BUILDING SUCH AS MECHANICAL ROOM, ELECTRICAL ROOMS, ETC., LOCATIONS OF CONDUIT AND SYSTEM DEVICES ARE APPROXIMATE AND SHALL CLEAR PIPING AND ALL OTHER CONSTRUCTION. ALL SYSTEM DEVICES MUST BE UNOBSTRUCTED AND SHALL CLEAR ANY INTERFERENCE WITH FIXTURES, PIPING EQUIPMENT, ETC. CONDUITS AND EQUIPMENT BEING INSTALLED SHALL FOLLOW ALL LATEST NEC EQUIPMENT CLEARANCE REQUIREMENTS.
17. RACEWAY SHALL BE SUPPORTED FROM STRUCTURAL COMPONENTS OF THE BUILDING. REFER TO DETAIL DRAWINGS AND SPEC 260533.
18. ALL RACEWAYS SHALL BE GROUNDED TO THE BUILDING GROUNDING SYSTEM WITH AN INSULATED GROUND CONDUCTOR NOT SMALLER THAN#10 U.O.N.
19. UNLESS OTHERWISE NOTED, PULL BOXES,JUNCTION BOXES, AND ELECTRICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO RECEPTACLES, SWITCHES, PANELS, LOW VOLTAGE SYSTEMS DEVICES,ETC WHERE INDICATED ON DRAWINGS, SHALL BE CONSIDERED SHOWN AT THEIR APPROXIMATE LOCATION. THE CONTRACTOR SHALL LOCATE THEM AS FIELD CONDITIONS DICTATE. ADDITIONAL PULL AND JUNCTION BOXES NOT SHOWN ON DRAWINGS SHALL BE PROVIDED WHERE REQUIRED BY APPLICABLE CODE PROVISIONS OR WHERE CALLED FOR BY FIELD CONDITIONS.
20. ALL RACEWAY RUNS ARE SHOWN DIAGRAMMATICALLY TO OUTLINE THE GENERAL ROUTING OF MAJOR FEEDERS. THE INSTALLATION SHALL BE MADE TO AVOID INTERFERENCE WITH PIPES, DUCTS, STRUCTURAL MEMBERS OR OTHER EQUIPMENT. SHALL ANY OF THIS ELEMENTS PREVENT THE INSTALLATION OF RACEWAY AS DELINEATED ON THIS DRAWING, DEVIATION MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. ANY VARIATION DUE TO FIELD CONDITIONS SHALL NOT REPRESENT AN ADDITIONAL COST TO OWNER
21. ALL ELECTRICAL EQUIPMENT AND RACEWAY SHALL BE SUPPORTED FROM SUPPLEMENTAL SLOTTED CHANNEL ALL SUCH MOUNTS, DEVICES, FASTENERS SHALL BE OF SUFFICIENT THICKNESS TO CARRY THE LOAD SUSPENDED AND CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY ADDITIONAL SUPPLEMENTAL STEEL REQUIRED TO SUPPORT THE EQUIPMENT OR DEVICES.
22. CONTRACTOR TO BE RESPONSIBLE FOR ALL RESTORATIONS, SEALING, WATERPROOFING, PENETRATIONS, CORE DRILLING CUTTING, PATCHING,AND PAINTING FOR THE COMPLETE CONTRACT WORK INDICATED. ALL RESTORATION WORK PERFORMED BY CONTRACTOR SHALL RESTORE DISTURBED SURFACES TO THEIR ORIGINAL CONDITION.
23. ARCHITECTURAL FEATURES AS WELL AS OTHER TRADES EQUIPMENT SHOWN ON ELECTRICAL DRAWINGS ARE FOR BACKGROUND INFORMATION ONLY.
24. ALL EXPOSED NONCURRENT-CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT AND RACEWAYS SHALL BE GROUNDED. ALL FEEDERS AND BRANCH CIRCUITS SHALL BE PROVIDED WITH AN EQUIPMENT GROUNDING CONDUCTOR. FITTINGS FOR JOINTS AND TERMINATIONS SHALL BE LISTED FOR GROUNDING INSTALLATION. PROVIDE BONDING JUMPERS WITH APPROVED FITTINGS OF SIZE REQUIRED FOR EQUIPMENT GROUNDING. THE CONTRACTOR SHALL ENSURE CONTINUITY OF THE GROUNDING FROM THE SUPPLYING PANELBOARD GROUNDING BUS TO THE LOAD GROUND TERMINAL.
25. ALL DEVICES AND ACCESSORIES INSTALLED OUTSIDE OR EXPOSED TO WEATHER SHALL HAVE WEATHER PROOF ENCLOSURES AND SHALL BE TIGHTLY GASKETED FOR A COMPLETE RAINTIGHT INSTALLATION.
26. UNLESS OTHERWISE NOTED, CONDUCTORS FOR POWER CIRCUITS SHALL BE OF TYPE THHN/THWN AND MINIMUM SIZE SHALL BE #12 AWG.
27. FOR ALL BRANCH CIRCUIT RATED AT 120V, 20A THAT RUNS OVER 80'-0", No. 10 AWG WIRE SIZE SHALL BE USED TO COMPENSATE FOR VOLTAGE DROP.
28. REMOVE ALL DEBRIS RESULTING FROM REMOVAL OF ELECTRICAL WORK FROM THE PREMISES.
29. ANY EXISTING WORK DAMAGED AS A RESULT OF PERFORMING THE WORK OF THIS CONTRACT SHALL BE REPAIRED OR REPLACED AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER. MATERIAL AND FINISH TO MATCH EXISTING TO THE SATISFACTION OF OWNER.
30. ALL EQUIPMENT SPECIFIED OR REQUIRED SHALL HAVE COPPER CURRENT CARRYING PARTS INCLUDING GROUND BUS AND TERMINALS.

ELECTRICAL DEMOLITION NOTES:

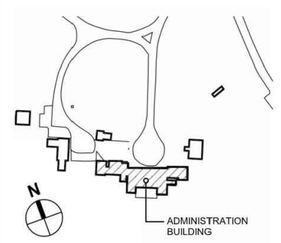
1. PERFORM ALL REQUIRED DEMOLITION OF EXISTING SYSTEMS UNDER THIS DIVISION OF THE WORK PRIOR TO OR SIMULTANEOUSLY WITH THE COMMENCEMENT OF THE WORK COVERED UNDER THIS SECTION.
2. REMOVE AS REQUIRED EXISTING WIRING, RACEWAYS, CONDUITS, AND OTHER ELECTRICAL EQUIPMENT OR APPARATUS AS REQUIRED BY THE DRAWINGS AND SPECIFICATIONS.
3. REFER TO ARCHITECT'S DEMOLITION DRAWING FOR AREA AND EXTENT OF DEMOLITION, CEILING REMOVAL, WALL DEMOLITION ETC. ADJACENT OCCUPIED AREAS CANNOT BE INTERRUPTED DURING NORMAL WORKING HOURS. COORDINATE AND SCHEDULE WITH PROJECT MANAGER ALL AFTER HOUR WORK.
4. INCLUDE THE FURNISHING OF ALL MATERIALS, CUTTING, EXTENSIONS, CONNECTIONS, REPAIRING, ADAPTING, AND OTHER WORK INCIDENTAL THERETO, TOGETHER WITH SUCH TEMPORARY CONNECTIONS AS MAY REQUIRED PENDING COMPLETION OF THE PERMANENT WORK.
5. INCLUDE THE REMOVAL OF MATERIALS, AS DIRECTED, WHICH MAY INTERFERE WITH THE INSTALLATIONS.
6. LEAVE WORK IN GOOD WORKING ORDER IN THE CONDITION EQUAL TO THE ADJACENT NEW OR EXISTING WORK.
7. 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 ARCHITECT AND OWNER.
8. DISCONNECT, REMOVE, AND/OR RELOCATE ELECTRICAL MATERIAL, EQUIPMENT, DEVICES, COMPONENTS, AND OTHER WORK NOTED AND REQUIRED BY DEMOLITION OR ALTERATIONS IN EXISTING CONSTRUCTION.
9. DISPOSAL OF REMOVED ELECTRICAL DEVICES AS CALLED OUT IN THE DEMOLITION DRAWINGS SHALL BE COORDINATED WITH THE CAMPUS REPRESENTATIVE PRIOR TO START OF DEMOLITION.
10. INTERRUPT ALARM AND EMERGENCY SYSTEMS ONLY WITH WRITTEN CONSENT OF THE OWNER.
11. WHERE INDICATED ON THE DRAWINGS OR REQUIRED BY THE ALTERATION SCHEME, REMOVE ALL ELECTRICAL OUTLETS, SWITCHES AND OTHER DEVICES, COMPLETE WITH ASSOCIATED WIRING, CONDUIT, ETC. FROM PARTITIONS, WALLS, AND FLOORS THAT ARE TO BE REMOVED.
12. REMOVE ALL ABANDONED WIRING BACK TO THE PANELBOARD.
13. REMOVE EXISTING LIGHTING FIXTURES AND LAMPS AS INDICATED IN DRAWINGS. DISPOSITION OF REMOVED FIXTURES WILL BE AS DIRECTED BY THE ARCHITECT.
14. CONTRACTOR TO PROVIDE STANDBY ELECTRICIAN AS REQUIRED DURING GENERAL DEMOLITION. COORDINATE WITH GENERAL CONTRACTOR.
15. INSTALL TEMPORARY LIGHT AND POWER (PIGTAILS) FOR USE THROUGHOUT DEMOLITION. REMOVE TEMPORARY LIGHTING AND POWER AFTER DEMOLITION.
16. OWNER AND GENERAL CONTRACTOR TO COORDINATE ON ELECTRICAL SHUTDOWNS. THE CONTRACTOR TO MAKE ALLOWANCE FOR OVERTIME TO ACCOMPLISH SHUTDOWNS AND RECONNECTIONS DURING THIS PHASE OF THE WORK.

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:

SUCF #291036-02
Rehab Adminstration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

ELECTRICAL SYMBOL, ABBREVATION AND NOTES

SCALE: AS NOTED

DATE:
10 SEPTEMBER 2024

DRAWING NO.:

E001.00

STATE OF NEW YORK
JITENDRA K. AGARWAL
071758
LICENSED PROFESSIONAL ENGINEER

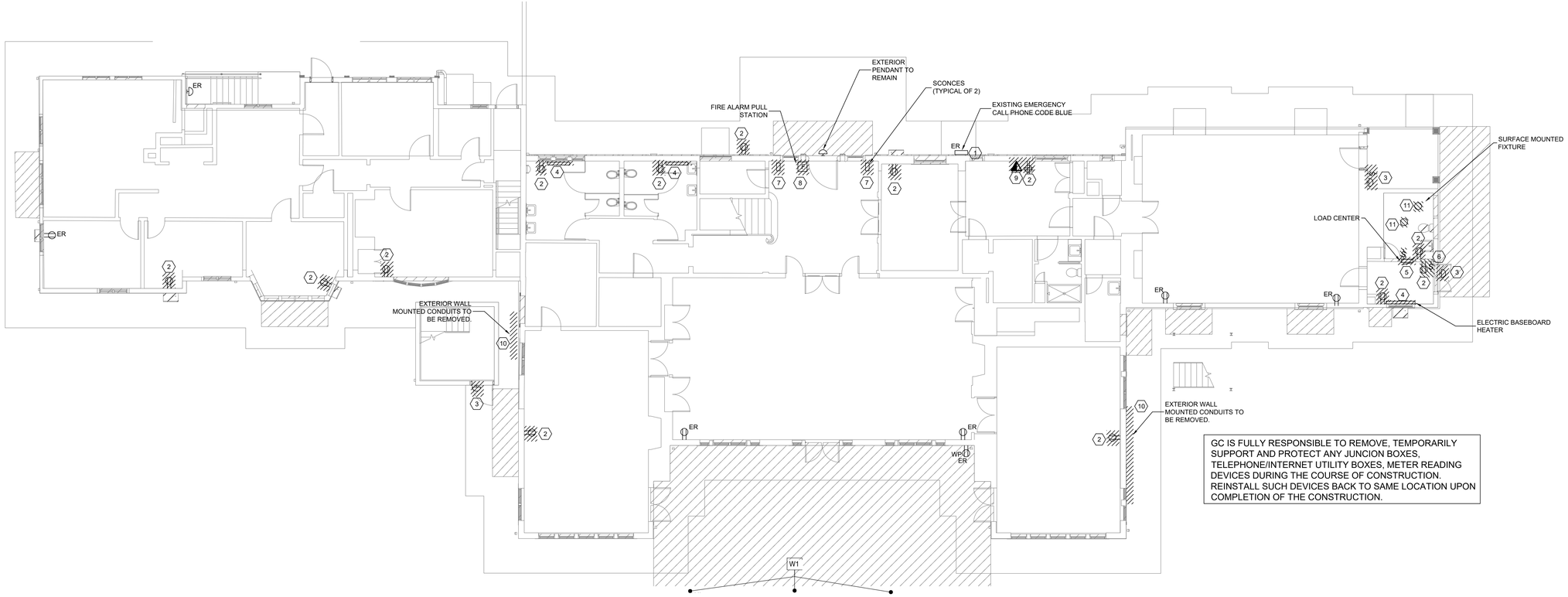
A & J PROJECT No. 2301B

KEY NOTES:

1. CONTRACTOR SHALL REMOVE AND PROTECT EMERGENCY CALL PHONE PRIOR TO START OF DEMOLITION WORK. E.C. SHALL PULL WIRE BACK TO SOURCE AND REMOVE EXTERIOR CONDUIT TO FACILITATE FACADE WORK. STORE AND PROTECT CONDUIT FOR RE-INSTALLATION UPON WORK COMPLETION.
2. DISCONNECT BRANCH CIRCUIT AND REMOVE RECEPTACLE AND CONDUIT WITHIN AFFECTED WALL. PULL WIRES BACK TO NEAREST ACCESSIBLE JUNCTION BOX AND CAP AND PROTECT WIRES FOR RE-USE. PATCH AND PREPARE AFFECTED AREA(S) FOR NEW WORK AS NEEDED.
3. REMOVE LIGHT FIXTURE, ALONG WITH ASSOCIATED CONTROL WIRING AND SWITCH. PULL BACK POWER WIRING TO NEAREST JUNCTION BOX. WIRING SHALL BE CAPPED AND PROTECTED FOR NEW WORK.
4. DISCONNECT AND PULL BASEBOARD HEATER POWER WIRING BACK TO NEAREST JUNCTION BOX. CAP AND PROTECT FOR RE-INSTALLATION OF HEATER. REMOVE CONDUIT AS NEEDED TO FACILITATE FACADE REMOVAL WORK.
5. DISCONNECT AND REMOVE EXISTING LOAD CENTER, FEEDER CONDUCTORS, AND CONDUITS BACK TO SOURCE. PRIOR TO START OF DEMOLITION CONTRACTOR SHALL ENSURE THAT LOAD CENTER DOES NOT FEED AREAS THAT ARE EXISTING TO REMAIN. IF LOAD CENTER REMOVAL AFFECTS EXISTING CIRCUITS CONTRACTOR SHALL DISCONNECT AND RE-FEED BRANCH CIRCUIT FROM PANEL P1 IN CELLAR.
6. REMOVE LIGHT SWITCH AND ASSOCIATED CONTROL WIRING BACK TO SOURCE.
7. CONTRACTOR SHALL REMOVE, PROTECT, AND STORE SCONCES. DISCONNECT AND PULL POWER WIRING BACK NEAREST JUNCTION BOX. WIRING SHALL BE CAPPED AND PROTECTED FOR RE-USE. ANY CONDUIT WITHIN WALLS BEING REMOVED SHALL BE REMOVED TO ACCOMMODATE STUD REPLACEMENT WORK.
8. CONTRACTOR SHALL REMOVE, PROTECT, AND STORE FIRE ALARM PULL STATION. DISCONNECT AND PULL NOTIFICATION APPLIANCE CIRCUITING BACK TO NEAREST FA PULL BOX. EXISTING SURFACE MOUNTED WIREMOLD SHALL BE DEMOLISHED. EXISTING FIRE ALARM SYSTEM SHALL REMAIN OPERATIONAL AFTER PULL STATION REMOVAL WORK IS COMPLETED.
9. REMOVE DATA OUTLET AND PULL ASSOCIATED DATA CABLES BACK TO SOURCE. PATCH AND PREPARE AFFECTED AREA(S) FOR NEW WORK AS NEEDED.
10. CONTRACTOR SHALL TRACE CIRCUITS FED THROUGH EXTERIOR WALL MOUNTED CONDUITS PRIOR TO REMOVING CONDUITS FOR SIDING WALL REPLACEMENT. IF CIRCUITS CANNOT BE VERIFIED, CONTRACTOR SHALL CUT/CAP CONDUITS THAN REMOUNT TO FACADE. WHERE IT IS CONFIRMED THAT CONDUITS ARE FEEDING WALL MOUNTED AC UNITS BEING REMOVED, CONTRACTOR SHALL CUT/CAP CONDUITS BENEATH NEW SIDING.
11. REMOVE LIGHT FIXTURE, POWER WIRING, AND CONDUIT ALONG WITH ASSOCIATED CONTROL WIRING AND SWITCH BACK TO SOURCE.

GENERAL NOTES

1. REFER TO E001 FOR SYMBOLS, ABBREVIATIONS AND NOTES.
2. THE DRAWINGS REPRESENT THE CORRECT AMOUNT OF THE DEMOLITION/REMOVALS SCOPE TO THE BEST OF THE ENGINEER'S ABILITY. CONTRACTOR IS STILL FULLY RESPONSIBLE TO DETERMINE AND COORDINATE THE EXACT CONTENT OF DEMOLITION REQUIRED TO FACILITATE NEW WORK.
3. COORDINATE WITH ARCHITECTURAL DEMOLITION DRAWINGS FOR EXTENT OF DEMOLITION.
4. WHERE EXISTING EQUIPMENT IS INDICATED TO BE REMOVED UNLESS OTHERWISE NOTED, REMOVE ALL ASSOCIATED SUPPORTS, PIPING, ACCESSORIES, CONDUITS, AND WIRING BACK TO SOURCE.
5. WHERE EXISTING EQUIPMENT IS NOTED TO REMAIN, THEY SHALL BE SUPPORTED AND PROTECTED DURING EXTERIOR FACADE RENOVATION AND MOUNTED BACK IN THE SAME LOCATION UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF MOUNTING.
6. IF THE DEVICES THAT ARE TO BE REMOVED ARE PART OF A BRANCH CIRCUIT THAT FEEDS OTHER DEVICES ARE TO REMAIN, CONTRACTOR SHALL REMOVE WIRING AND CONDUIT UP TO THE NEAREST JUNCTION BOX AND RECONNECT THE BRANCH CIRCUIT TO REMAIN ACTIVE.
7. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION OF BASEBOARD HEATERS. COORDINATE DEMOLITION WORK WITH MECHANICAL CONTRACTOR.



GC IS FULLY RESPONSIBLE TO REMOVE, TEMPORARILY SUPPORT AND PROTECT ANY JUNCION BOXES, TELEPHONE/INTERNET UTILITY BOXES, METER READING DEVICES DURING THE COURSE OF CONSTRUCTION. REINSTALL SUCH DEVICES BACK TO SAME LOCATION UPON COMPLETION OF THE CONSTRUCTION.

3 ED100.00

ADMIN BUILDING - FIRST FLOOR REMOVALS

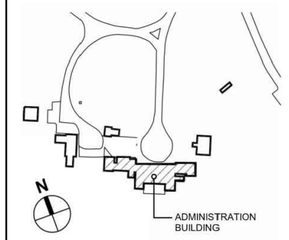
1/8" = 1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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630 Johnson Avenue, Bohemia, NY 11716

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

Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:

SUCF #291036-02
Rehab Adminstration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

ADMIN BUILDING - EXTERIOR REMOVALS

SCALE: AS NOTED

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
ED100.00

STATE OF NEW YORK
JITENDRA K. AGARWAL
071758
LICENSED PROFESSIONAL ENGINEER

A & J PROJECT No. 23018

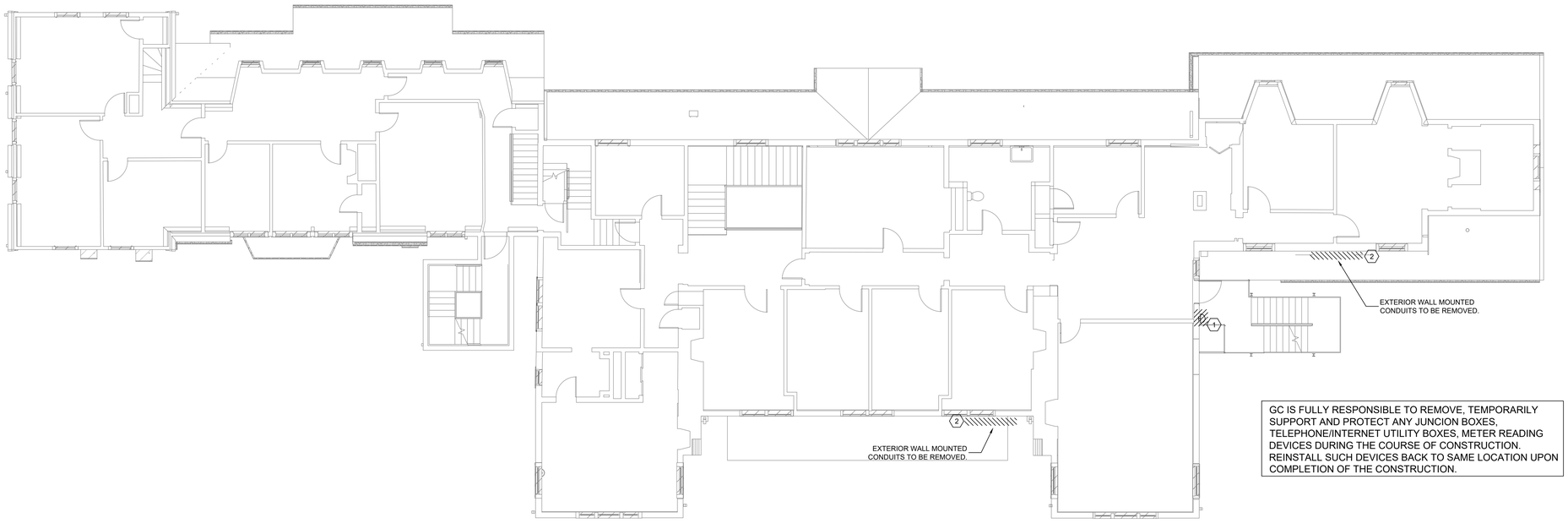
KEY NOTES:

1. REMOVE LIGHT FIXTURE AND PULL BACK POWER WIRING AND CONDUIT ALONG WITH ASSOCIATED CONTROL WIRING BACK TO NEAREST JUNCTION BOX. CAP AND PROTECT WIRING FOR NEW WORK.

2. CONTRACTOR SHALL TRACE CIRCUITS FED THROUGH EXTERIOR WALL MOUNTED CONDUITS PRIOR TO REMOVING CONDUITS FOR SIDING WALL REPLACEMENT. IF CIRCUITS CANNOT BE VERIFIED, CONTRACTOR SHALL CUT/CAP CONDUITS THAN REMOUNT TO FACADE. WHERE IT IS CONFIRMED THAT CONDUITS ARE FEEDING WALL MOUNTED AC UNITS BEING REMOVED, CONTRACTOR SHALL CUT/CAP CONDUITS BENEATH NEW SIDING.

GENERAL NOTES

1. REFER TO E001 FOR SYMBOLS, ABBREVIATIONS AND NOTES.
2. THE DRAWINGS REPRESENT THE CORRECT AMOUNT OF THE DEMOLITION/REMOVALS SCOPE TO THE BEST OF THE ENGINEER'S ABILITY. CONTRACTOR IS STILL FULLY RESPONSIBLE TO DETERMINE AND COORDINATE THE EXACT CONTENT OF DEMOLITION REQUIRED TO FACILITATE NEW WORK.
3. COORDINATE WITH ARCHITECTURAL DEMOLITION DRAWINGS FOR EXTENT OF DEMOLITION.
4. WHERE EXISTING EQUIPMENT IS INDICATED TO BE REMOVED UNLESS OTHERWISE NOTED, REMOVE ALL ASSOCIATED SUPPORTS, PIPING, ACCESSORIES, CONDUITS, AND WIRING BACK TO SOURCE.
5. WHERE EXISTING EQUIPMENT IS NOTED TO REMAIN, THEY SHALL BE SUPPORTED AND PROTECTED DURING EXTERIOR FACADE RENOVATION AND MOUNTED BACK IN THE SAME LOCATION UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF MOUNTING.
6. IF THE DEVICES THAT ARE TO BE REMOVED ARE PART OF A BRANCH CIRCUIT THAT FEEDS OTHER DEVICES ARE TO REMAIN, CONTRACTOR SHALL REMOVE WIRING AND CONDUIT UP TO THE NEAREST JUNCTION BOX AND RECONNECT THE BRANCH CIRCUIT TO REMAIN ACTIVE.
7. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION OF BASEBOARD HEATERS. COORDINATE DEMOLITION WORK WITH MECHANICAL CONTRACTOR.



GC IS FULLY RESPONSIBLE TO REMOVE, TEMPORARILY SUPPORT AND PROTECT ANY JUNCION BOXES, TELEPHONE/INTERNET UTILITY BOXES, METER READING DEVICES DURING THE COURSE OF CONSTRUCTION. REINSTALL SUCH DEVICES BACK TO SAME LOCATION UPON COMPLETION OF THE CONSTRUCTION.

1 ED101.00 SECOND FLOOR DEMOLITION PLAN

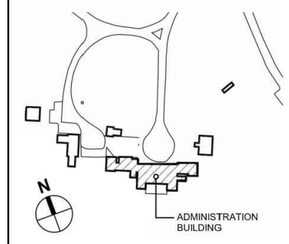
N.T.S.

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:

SUCF #291036-02
Rehab Adminstration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

SECOND FLOOR DEMOLITION PLAN

SCALE: AS NOTED

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
ED101.00

STATE OF NEW YORK · JITENDRA K. AGARWAL · LICENSED PROFESSIONAL ENGINEER · 071758

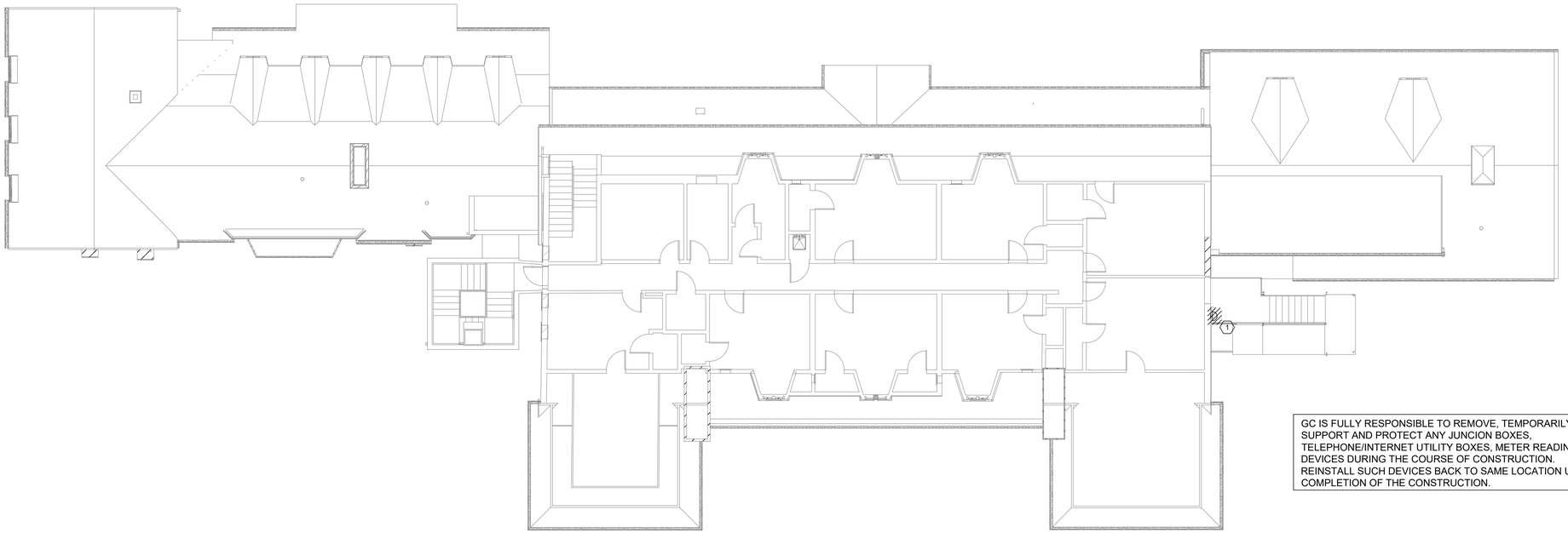
A & J PROJECT No. 2301B

KEY NOTES:

1. REMOVE LIGHT FIXTURE AND PULL BACK POWER WIRING AND CONDUIT ALONG WITH ASSOCIATED CONTROL WIRING BACK TO NEAREST JUNCTION BOX. CAP AND PROTECT WIRING FOR NEW WORK.

GENERAL NOTES

1. REFER TO E001 FOR SYMBOLS, ABBREVIATIONS AND NOTES.
2. THE DRAWINGS REPRESENT THE CORRECT AMOUNT OF THE DEMOLITION/REMOVALS SCOPE TO THE BEST OF THE ENGINEER'S ABILITY. CONTRACTOR IS STILL FULLY RESPONSIBLE TO DETERMINE AND COORDINATE THE EXACT CONTENT OF DEMOLITION REQUIRED TO FACILITATE NEW WORK.
3. COORDINATE WITH ARCHITECTURAL DEMOLITION DRAWINGS FOR EXTENT OF DEMOLITION.
4. WHERE EXISTING EQUIPMENT IS INDICATED TO BE REMOVED UNLESS OTHERWISE NOTED, REMOVE ALL ASSOCIATED SUPPORTS, PIPING, ACCESSORIES, CONDUITS, AND WIRING BACK TO SOURCE.
5. WHERE EXISTING EQUIPMENT IS NOTED TO REMAIN, THEY SHALL BE SUPPORTED AND PROTECTED DURING EXTERIOR FACADE RENOVATION AND MOUNTED BACK IN THE SAME LOCATION UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF MOUNTING.
6. IF THE DEVICES THAT ARE TO BE REMOVED ARE PART OF A BRANCH CIRCUIT THAT FEEDS OTHER DEVICES ARE TO REMAIN, CONTRACTOR SHALL REMOVE WIRING AND CONDUIT UP TO THE NEAREST JUNCTION BOX AND RECONNECT THE BRANCH CIRCUIT TO REMAIN ACTIVE.
7. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION OF BASEBOARD HEATERS. COORDINATE DEMOLITION WORK WITH MECHANICAL CONTRACTOR.



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1 ED102.00 THRID FLOOR DEMOLITION PLAN

N.T.S.

ISSUE:

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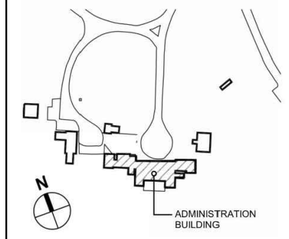

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PROJECT:

SUCF #291036-02
Rehab Adminstration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

THRID FLOOR DEMOLITION PLAN

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STATE OF NEW YORK
JITENDRA K. AGARWAL
071758
LICENSED PROFESSIONAL ENGINEER

A & J PROJECT No. 2301B

AUTOMATIC LIGHTING CONTROL SCHEDULE						
TAG	BASIS OF DESIGN		DESCRIPTION	SENSOR	VOLT.	NOTES
	MAKE	MODEL				
S_x	SENSOR SWITCH	sPODM	ON/OFF LOW VOLTAGE SWTICH	--	24V	1,2
PP	nLIGHT	nPP16 DS SERIES	POWER/RELAY PACK WITH 0-10V DIMMING	--	120V	1
IO	nLIGHT	nIO NLI	PHOTOCELL INTERFACE MODULE	--	15VDC	1
PS	nLIGHT	PS150	120/277 VOLTS TO 15VDC 150mA POWER SUPPLY	--	120V	3,4

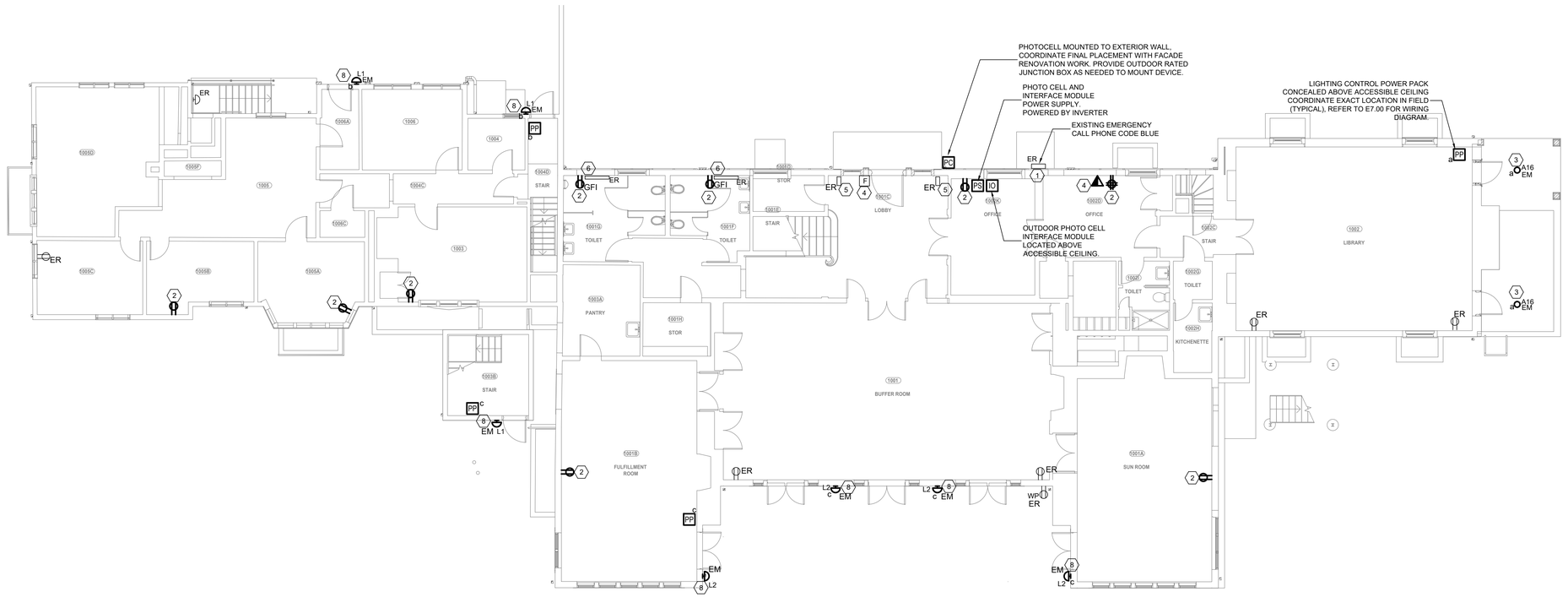
AUTOMATIC LIGHTING CONTROL SCHEDULE NOTES:
1. PROVIDE LOW VOLTAGE DIMMING POWER PACKS AS REQUIRED. nLIGHT MODEL: nPP 16DS.
2. PROVIDE CAT5e WIRING FROM POWER PACK TO PHOTO CELL INTERFACE MODULE TO POWER PACKS AS REQUIRED.
3. PROVIDE ALL LIGHTING CONTROL SWITCHES AND SENSORS WITH WHITE FINISH.
4. PROVIDE REQUIRED LOW VOLTAGE WIRING BETWEEN PS AND IO MODULES AND CAT 5 COMMUNICATION WIRING TO POWER PACKS.

KEY NOTES:

1. CONTRACTOR SHALL RE-INSTALL EMERGENCY CALL PHONE. SPLICE AND EXTEND EXISTING WIRING AS NEEDED AND PROVIDE NEW CONDUIT ALONG EXTERIOR WALL.
2. PROVIDE NEW RECEPTACLE OUTLET , BACK BOX, AND FACEPLATE. CONTRACTOR SHALL TEST THE EXISTING WIRE AND RE-INSTALL IT IF IT IS IN GOOD CONDITION. ANY DAMAGED BRANCH CIRCUITS SHALL BE REPLACED WITH NEW WIRES AS 2#12# +1#12G.
3. RE-INSTALL FIRE ALARM PULL STATION. CONTRACTOR SHALL ENSURE THAT RE-INSTALLATION DOES NOT DAMAGE OTHER DEVICES IN THE SIGNAL LINE CIRCUIT LOOP (SLC). PROVIDE ALL TESTING AND PROGRAMING AS NEEDED. EXISTING FIRE ALARM PANEL IS AN EST-3 LOCATED IN CELLAR.
4. PROVIDE NEW 4 PORT DATA OUTLET AND CONDUIT WITHIN NEW WALL TERMINATED ABOVE THE CEILING. RE-INSTALL DATA CABLES AND TERMINATE THEM WITHIN NEW OUTLET.
5. REINSTALL WALL SCONCES AND PROVIDE WIRING WITHIN REPLACEMENT WALL. PROVIDE NEW WIRING AND CONDUIT AS NEEDED AND COORDINATE RECONNECTION TO CONTROL SWITCH WITHIN THE SPACE.
6. RE-INSTALL WIRING TO BASEBOARD HEATERS. COORDINATE EXACT WIRING REQUIREMENT WITH MECHANICAL CONTRACTOR.
7. CONTRACTOR SHALL PROVIDE SPLICE BOX AND EXTEND EXISTING WIRING TO NEW DOWN LIGHTS. FIXTURE SHALL BE PROVIDED WITH INTEGRAL 90 MINUTE BATTERY BACKUP INSTEAD OF INVERTER CONNECTION.
8. PROVIDE POWER TO FIXTURE VIA INVERTER CIRCUIT #1. WIRING SHALL BE PROVIDED IN MINIMUM 3/4"C AS 2#10+1#10G. EXACT ROUTING SHALL BE FIELD COORDINATED WITH OTHER TRADES AND EXISTING SYSTEMS. WHERE CONDUIT ROUTING NEEDS TO BE SURFACE MOUNTED WITHIN INTERIOR OR EXTERIOR WALLS, ROUTING SHALL BE COORDINATED AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION.

GENERAL NOTES

1. REFER TO E001.00 FOR SYMBOLS, ABBREVIATIONS & NOTES.
2. REFER TO E700.00 FOR DETAILS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF LIGHTING FIXTURES.
4. FIXTURES LABELED "EM" SHALL BE CONNECTED TO INVERTER. REFER TO E400.00 FOR TYPICAL WIRING DETAIL.



3 E100.00 ADMIN BUILDING - FIRST FLOOR NEW WORK

1/8" = 1'-0"

ISSUE:

BID DOCUMENTS

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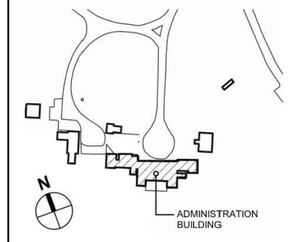
KEY PLAN



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PROJECT:

SUCF #291036-02
Rehab Adminstration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

ADMIN BUILDING - EXTERIOR NEW WORK

SCALE: AS NOTED

DATE:
10 SEPTEMBER 2024

DRAWING NO.:

E100.00

STATE OF NEW YORK · JITENDRA K. AGARWAL · LICENSED PROFESSIONAL ENGINEER · 071758

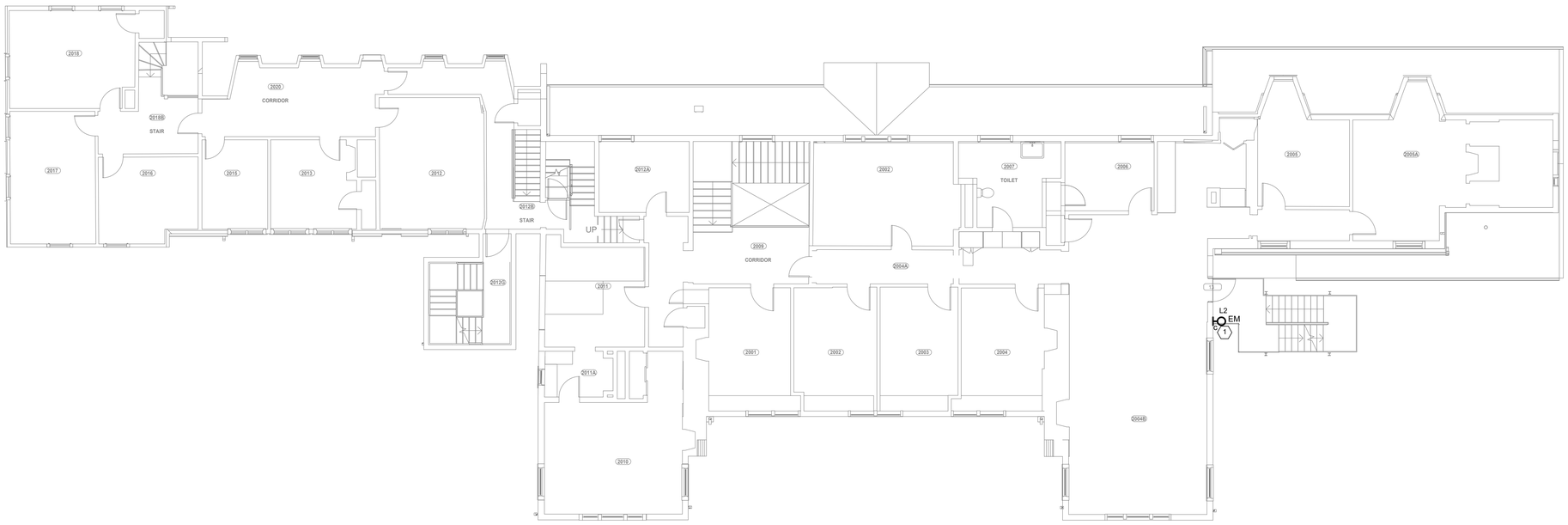
A & J PROJECT No. 2301B

KEY NOTES:

1. PROVIDE POWER TO FIXTURE VIA INVERTER CIRCUIT #1. WIRING SHALL BE PROVIDED IN MINIMUM 3/4"C AS 2#10+1#10G. EXACT ROUTING SHALL BE FIELD COORDINATED WITH OTHER TRADES AND EXISTING SYSTEMS. WHERE CONDUIT ROUTING NEEDS TO BE SURFACE MOUNTED WITHIN INTERIOR OR EXTERIOR WALLS, ROUTING SHALL BE COORDINATED AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION.

GENERAL NOTES

1. REFER TO E001.00 FOR SYMBOLS, ABBREVIATIONS & NOTES.
2. REFER TO E700.00 FOR DETAILS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF LIGHTING FIXTURES.
4. FIXTURES LABELED "EM" SHALL BE CONNECTED TO INVERTER. REFER TO E400.00 FOR TYPICAL WIRING DETAIL.



1 E101.00 SECOND FLOOR POWER PLAN NEW WORK

N.T.S.

ISSUE:

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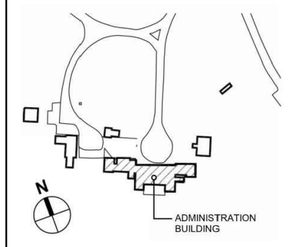

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PROJECT:

SUCF #291036-02
Rehab Adminstration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

SECOND FLOOR POWER PLAN NEW WORK

SCALE: AS NOTED

DATE:
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E101.00

STATE OF NEW YORK
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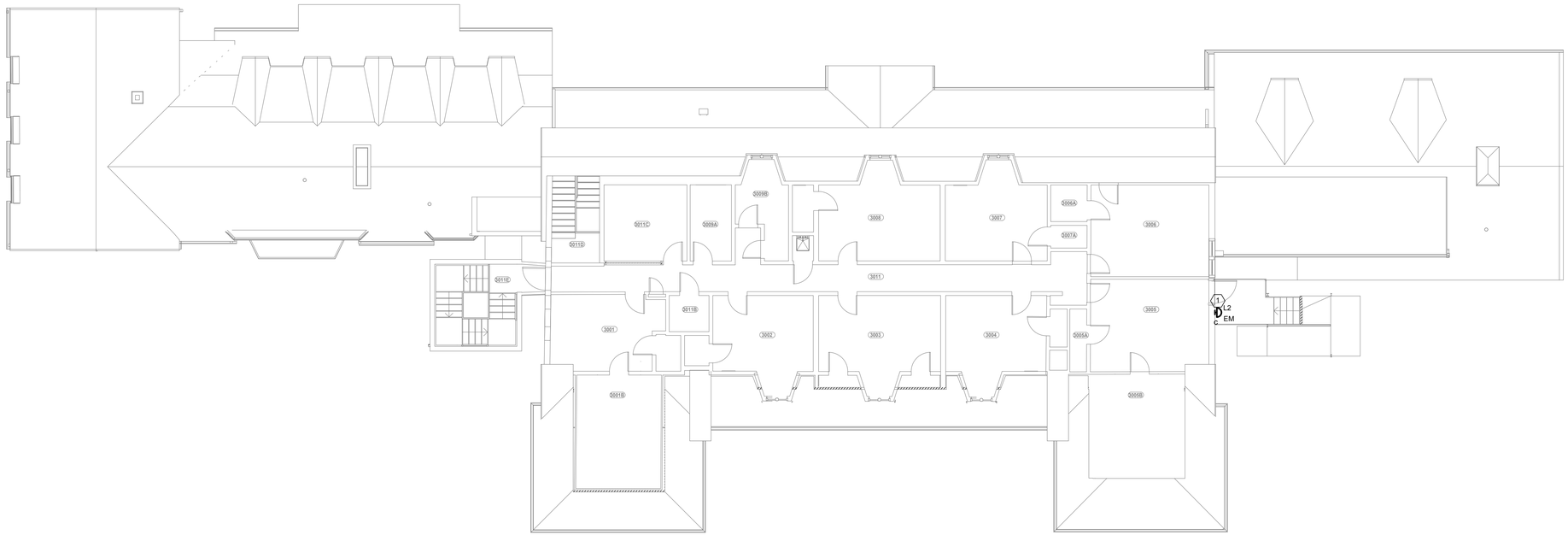

KEY NOTES:

1. PROVIDE POWER TO FIXTURE VIA INVERTER CIRCUIT #1. WIRING SHALL BE PROVIDED IN MINIMUM 3/4"C AS 2#10+1#10G. EXACT ROUTING SHALL BE FIELD COORDINATED WITH OTHER TRADES AND EXISTING SYSTEMS. WHERE CONDUIT ROUTING NEEDS TO BE SURFACE MOUNTED WITHIN INTERIOR OR EXTERIOR WALLS, ROUTING SHALL BE COORDINATED AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION.

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3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF LIGHTING FIXTURES.
4. FIXTURES LABELED "EM" SHALL BE CONNECTED TO INVERTER. REFER TO E400.00 FOR TYPICAL WIRING DETAIL.

1 E102.00 THRID FLOOR POWER PLAN NEW WORK

1/8" = 1'-0"

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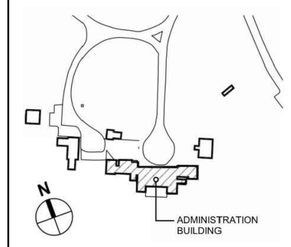

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PROJECT:

SUCF #291036-02
Rehab Adminstration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

E102.00 THRID FLOOR POWER PLAN NEW WORK

SCALE: AS NOTED

DATE:
10 SEPTEMBER 2024

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E102.00

STATE OF NEW YORK
JITENDRA K. AGARWAL
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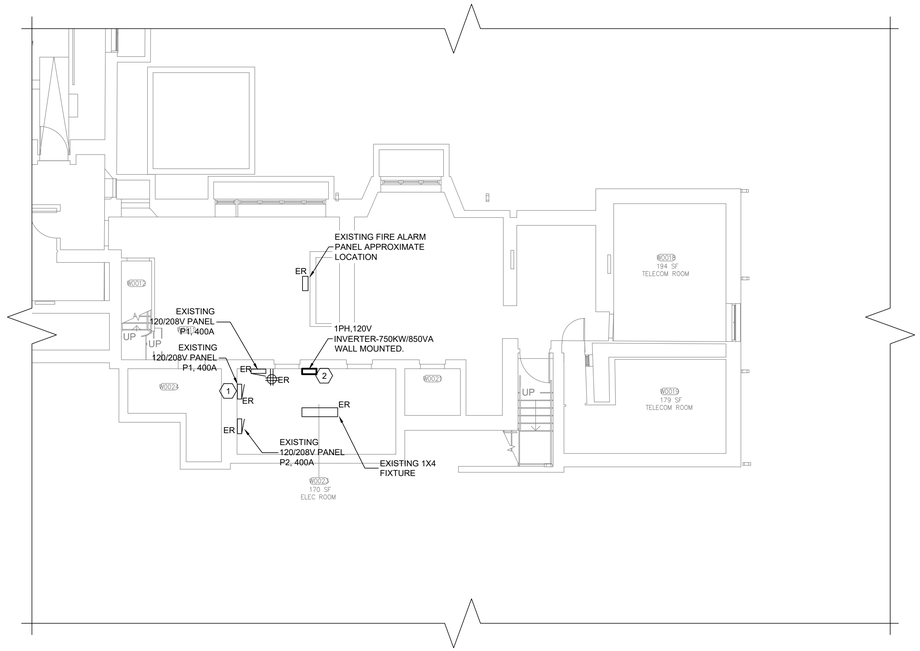
LICENSED PROFESSIONAL ENGINEER

A & J PROJECT No. 23018

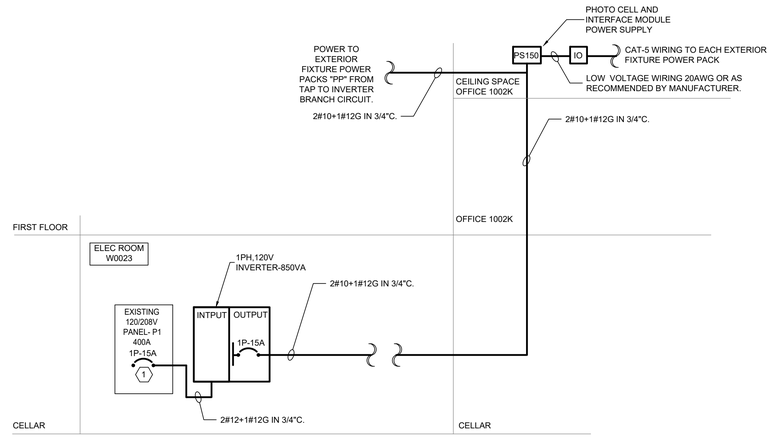


1 E400.00 CELLAR PART PLAN

1/8" = 1'-0"

KEY NOTES:

1. PROVIDE A 1P-15A CIRCUIT BREAKER IN AVAILABLE SPACE OF PANEL P1. BREAKER SHALL MATCH EXISTING KAIC RATING OF PANEL.
2. CONTRACTOR SHALL PROVIDE ACUITY - IOTA IIS 750, INVERTER, CATALOG # ISS-750-120/277-90M-HW-SD-3ZONE- - AI-SC OR EQUAL PRODUCT FROM THE FOLLOWING MANUFACTURERS:
   - CURRENT LIGHTING - DUAL-LITE LSN D SERIES
   - ABB - EMERGI - LITE



2 E400.00 PARTIAL POWER RISER DIAGRAM

N.T.S.

LIGHTING FIXTURE SCHEDULE

TYPE	MTG.	DESCRIPTION	LIGHT SOURCE DELIVERED LUMENS OR LAMP NO. DESIGNATION	COLOR/CCT	OPTICS	WATTAGE (W)	VOLTS	DIMMING PROTOCOL/RANGE	MANUFACTURER	CATALOG NUMBER
A16	RECESSED	LED DOWNLIGHT, NOMINAL 4 INCH APERTURE X MAXIMUM 7 INCH RECESS DEPTH, CLEAR SEMI-SPECULAR SPUN REFLECTOR AND TRIM, INTEGRAL LED DIMMING DRIVER.	1,000 LMS	2700K	1.0 SMH	9	120-277	0-10V / 10%	GOTHAM / ACUITY FOCAL POINT PORTFOLIO / COOPER	EVO4-27/10-AR-LSS-MWD-MVOLT-GZ10 ID+4.5 SERIES LD4B SERIES
L1	WALL	LED FULL-CUT OFF WALLPACK, NOMINAL 4 INCH TALL X 21 INCH WIDE X 5-1/2 INCH PROTRUSTION FROM WALL EXTRUDED ALUMINUM HOUSING, DIFFUSED POLYCARBONATE LENS, OVERALL PAINT FINISH TO BE SELECTED BY DESIGN PROFESSIONAL, INTEGRAL LED DIMMING DRIVER.	700 LMS	2700K	ASYM FORWARD THROW	10	120-277	0-10V / 10%	LUMINAIRE LED / ACUITY KIM / CURRENT STONCO / SIGNIFY	AEL-12-MIN10-10W-27K-MVOLT-DP-[FINISH] RND PURSUIT DIRECT SERIES LYTEPRO SERIES
L2	WALL	DECORATIVE WALL SCONCE, NOMINAL 16-1/2 INCH TALL X 6-1/2 INCH WIDE X 7-1/2 INCH PROTRUSION FROM WALL CAST IRON HOUSING, (4) SIDED CLEAR TEXTURED LENS, OVERALL PAINT FINISH TO BE SELECTED BY DESIGN PROFESSIONAL, (1) MEDIUM BASE SOCKET.	(1) EA-A19-5.0W-E26-279W-D BY EMERY ALLEN	2700K	-	5	120	INC / 15%	VISUAL COMFORT HINKLEY KICHLER	OL14402SBL KINGSTON SERIES FORESTDALE SERIES

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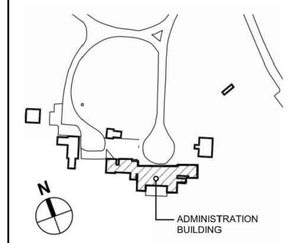

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PROJECT:

SUCF #291036-02
Rehab Adminstration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

CELLAR PART PLAN, SCHEDULES AND RISER

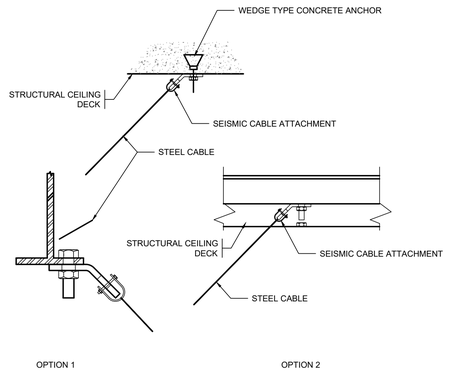
SCALE: AS NOTED

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
E400.00

STATE OF NEW YORK
JITENDRA K. AGARWAL
071758
LICENSED PROFESSIONAL ENGINEER

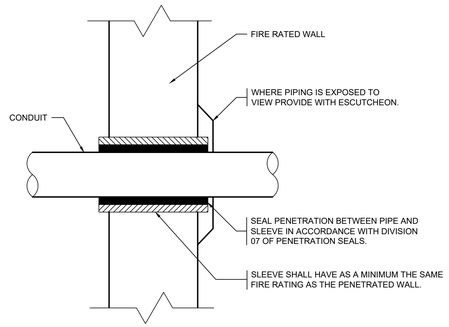
A & J PROJECT No. 23018



2 / E700

TYPICAL CABLE OR UNISTRUTS ATTACHMENT TO STRUCTURE

N.T.S.



1 / E700

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.

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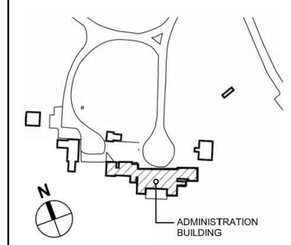

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Trophy Point Construction Services
4588 South Park Avenue, Blasdell, NY 14219

Adelaide Environmental Health
1511 Route 22, Suite C24, Brewster, NY 10509

PROJECT:

SUCF #291036-02
Rehab Adminstration
Building Exterior

State University College at Purchase
Purchase, NY 10577

DRAWING TITLE:

ELECTRICAL STANDARD DETAILS

SCALE: AS NOTED

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
E700.00

STATE OF NEW YORK
JITENDRA K. AGARWAL
071758
LICENSED PROFESSIONAL ENGINEER

A & J PROJECT No. 23018

ABBREVIATIONS

AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
BFP	BACK FLOW PREVENTER
BOT	BOTTOM
CB	CATCH BASIN
CFS	CUBIC FEET/SECOND
CLG	CEILING
CO	CLEANOUT
CODP	CLEANOUT DECK PLATE
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONT	CONTINUED
CR	CLASSROOM
CU FT	CUBIC FEET
CV	CONTROL VALVE
CVB	CURB VALVE & BOX
CW	COLD WATER
DIA	DIAMETER
DN	PIPE DOWN THRU FLOOR
DR	DRAIN
DWG	DRAWING
EL	ELEVATION
ELEC	ELECTRIC
EXIST	EXISTING TO REMAIN UNLESS OTHERWISE NOTED
EXP	EXPOSED
FD	FLOOR DRAIN
FL	FLOOR
G	GAS
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GV	GATE VALVE
HB	HOSE BIBB
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
HW	HOT WATER
HWH	HOT WATER HEATER
HWR	HOT WATER RETURN
LAV	LAVATORY
LP	LOW PRESSURE
MAX	MAXIMUM
MGCV	MASTER GAS CONTROL VALVE
MIN	MINIMUM
NC	NEW CONSTRUCTION
NIC	NOT IN CONTRACT
NPS	NOMINAL PIPE SIZE
OS&Y	OUTSIDE SCREW & YOKE
P	PUMP
PD	PUMP DISCHARGE
P&D	PLUMBING AND DRAINAGE
PRV	PRESSURE RELIEF VALVE
RM	ROOM
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
S	SOIL
SAN	SANITARY
SD	STORM DRAIN
SPEC	SPECIFICATIONS
S/S	STAINLESS STEEL
STD	STANDARD
TH	THERMOMETER
TMV	THERMOSTATIC MIXING VALVE
TYP	TYPICAL
UP	PIPE RISING THRU FLOOR
V	VENT
VA	VALVE
VB	VACUUM BREAKER
W	WASTE

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.

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

PLUMBING DEMOLITION NOTES

1. THE INTENT OF THE CONTRACT DOCUMENTS IS TO ALLOW FOR THE PERFOMANCE 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 SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS OF THE SITE AND/OR BUILDING.
3. MAINTAIN CONTINUITY OF COLD WATER, HOT WATER, AND TOILET FACILITIES AT ALL TIMES.
4. COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK/PROJECT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORE DRILLING, CUTTING, AND FINISHED PATCHING.
6. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS & EXAMINE ALL ADJOINING AREAS THAT MAY BE AFFECTED BY THE WORK AND REPORT TO THE ARCHITECT ANY CONDITION THAT PREVENTS THE PERFORMANCE OF THE WORK.
7. REMOVE EXISTING PIPING, VALVES AND EQUIPMENT AS PER DEMOLITION WORK INDICATED ON THE DRAWINGS
8. REMOVE ALL EXISTING UNUSED PLUMBING PIPING BACK TO MAIN AND CAP, LEAVING NO DEAD ENDS.
9. DAMAGE TO EXISTING EQUIPMENT AND PIPING AS A RESULT OF PERFORMING THE WORK BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACE WITH MATERIAL AND FINISH TO MATCH EXISTING AT NO COST TO OWNER.
10. ALL EXIST PIPING MADE OBSOLETE AS PART OF THIS PROJECT SHALL BE REMOVED.

SUMMARY OF WORK

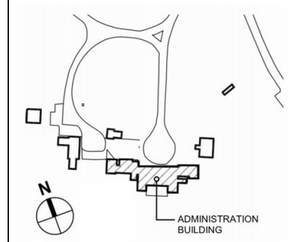
PLUMBING WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING :

1. REMOVE AND REINSTALL EXISTING URINAL WHICH IS TO BE PROTECTED DURING CONSTRUCTION.
2. REMOVAL OF EXISTING PLUMBING FIXTURES, WATER CLOSET SHOWER AND SINK WITH ASSOCIATED PIPING AND ACCESSORIES.

ISSUE:
BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



PROJECT TEAM:

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- A Perkins Eastman Studio
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DRAWING TITLE:

PLUMBING SYMBOL, ABBREVATIONS, NOTES AND DETAILS

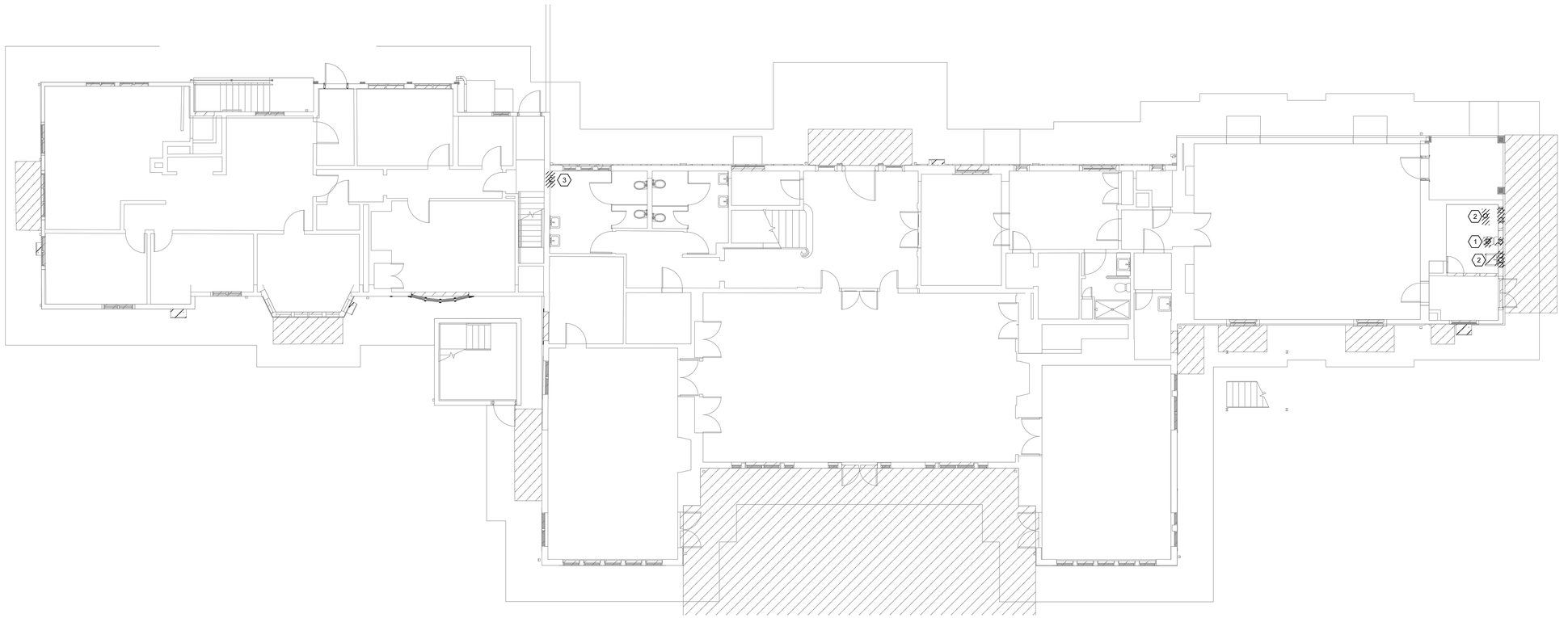
SCALE: AS NOTED

DATE:
10 SEPTEMBER 2024

DRAWING NO.:
P001.00

STATE OF NEW YORK
JITENDRA K. AGARWAL
LICENSED PROFESSIONAL ENGINEER
071758

A & J PROJECT No. 2301B



GENERAL NOTES:

1. REFER TO DRAWING P001.00 FOR GENERAL NOTES, ABBREVIATIONS AND SYMBOLS LIST.
2. IT IS CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE EXISTING CONDITIONS AND NOTIFY EOR/AOR FOR ANY CONFLICT AND CONCERNS BEFORE PROCEEDING THE WORK.
3. UPON COMPLETION OF THE DEMOLITION WORK, CONTRACTOR SHALL INFILL THE REMAINING HOLES OR OPENINGS WITH LIKE MATERIAL TO MATCH ADJACENT EXISTING CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
4. ALL SELECTIVE DEMOLITION AND REMOVALS SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS REGULATIONS. THE TERMS DEMOLITION, DEMOLISH, REMOVE, OR REMOVAL ARE USED SYNONYMOUSLY. THESE TERMS ALL MEAN TO SELECTIVELY REMOVE AND DISPOSE OF OFF SITE.
5. MAINTAIN CONTINUITY IN ALL EXISTING PLUMBING SYSTEMS TO REMAIN WHICH IS AFFECTED BY THE SCOPE OF WORK.
6. CONTRACTOR SHALL COORDINATE WORK WITH ALL TRADES.

SHEET NOTES:

1. REMOVE EXISTING WATER CLOSET INCLUDING ASSOCIATED CW, VENT AND WASTE PIPING, REMOVE SUPPORTS. CUT AND CAP PIPING BELOW SLAB.
2. REMOVE EXISTING LAVATORY AND SHOWER INCLUDING ASSOCIATED CW, HW VENT AND WASTE PIPINNG REMOVE SUPPORTS. CUT AND CAP PIPING BELOW SLAB.
3. EXISTING URINAL TO BE TEMPORARILY REMOVED, AND PROTECTED. CUT AND CAP CW, SAN, AND VENT PIPING. URINAL TO BE REINSTALLED WITH NEW ASSOCIATED PIPES.

1 PD100.00 PLUMBING FIRST FLOOR DEMOLITION PLAN

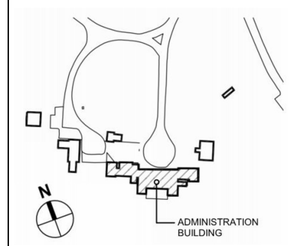
1/8"=1'-0"

ISSUE:

BID DOCUMENTS

NO.	DATE	REVISION

KEY PLAN



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PLUMBING FIRST FLOOR DEMOLITION PLAN

SCALE: AS NOTED

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