

ONEIDA COUNTY DEPARTMENT OF PUBLIC WORKS

MOHAWK VALLEY COMMUNITY COLLEGE

SCIENCE & TECHNOLOGY BUILDING

CONSTRUCTION
SEPTEMBER 23, 2025

REGISTERED ARCHITECT — MATTHEW E. LASCH — 039770 — STATE OF NEW YORK

EXPIRATION DATE: 05-31-2028

THE UNDERSIGNED CERTIFIES THAT TO THE BEST OF THEIR KNOWLEDGE, INFORMATION AND BELIEF, THE PLANS AND SPECIFICATIONS ARE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, AND THE STATE ENERGY CONSERVATION CONSTRUCTION CODE.

REGISTERED ARCHITECT — JAMES R. BRADDOCK — 018807 — STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

BID REFERENCE NO. 2307 & 2361

GENERAL CONSTRUCTION:	CONTRACT NO. H2455701
SITEWORK CONSTRUCTION:	CONTRACT NO. H2455702
ROOFING CONSTRUCTION:	CONTRACT NO. H2455703
FIRE PROTECTION CONSTRUCTION:	CONTRACT NO. H2455704
PLUMBING CONSTRUCTION:	CONTRACT NO. H2455705
MECHANICAL CONSTRUCTION:	CONTRACT NO. H2455706
ELECTRICAL CONSTRUCTION:	CONTRACT NO. H2455707

DRAWING LIST - VOLUME 2:

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ARCHITECTURAL	
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A-1111	HEAD - SECOND FLOOR FURNITURE PLAN
A-1112	SHED - FIRST FLOOR FURNITURE PLAN
A-1202	COOLING TOWER
A-1301	ACADEMIC BUILDING

ONEIDA COUNTY 1798 NEW YORK

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MA MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

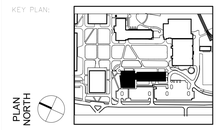
SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

ISSUE/REVISION:		
NO.	DATE	COMMENTS

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KEY PLAN:



PROJECT:
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:
COVER SHEET – VOL. 2

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE:

T-002

ABBREVIATIONS

A.F.F.	Above Finish Floor
A.D.	Access Door
ADDL.	Additional
ADJ.	Adjustable
A.C.	Air Conditioning
ALUM.	Aluminum
APPRV'D	Approved
APPROX.	Approximate
ARCH.	Architectural
@	At
AUTO.	Automatic
B.M.	Bench Mark
BET.	Between
BIT.	Bituminous
BLK.	Block
BD.	Board
B.O.	Bottom Of
BLDG.	Building
CAB.	Cabinet
C.I.	Cast Iron
CS	Cast Stone
C.B.	Catch Basin
CAULK.	Caulking
CLG.	Ceiling
CL.	Center Line
CEM.	Cement
CTR.	Center
CER.	Ceramic
CT	Ceramic Tile
CIR.	Circular
C.O.	Clean Out
CLOS.	Closet
COL.	Column
COMB.	Combination
COMP.	Compressable
CONC.	Concrete
CMU	Concrete Masonry Unit
CONST.	Construct/Constructed
CONT.	Continuous
CONV.	Convector
CORR.	Corridor
CTL. JT./CJ	Control Joint
CF	Cubic Foot
CUH	Cabinet Unit Heater
CY	Cubic Yard
DET.	Detail
DIAG.	Diagonal
DIAM.	Diameter
DIFF.	Diffuser
DIM.	Dimension
DISP.	Dispenser
DISPL.	Disposal
DR.	Door
DN.	Down
DRN.	Drain
DWG.	Drawing
D.F.	Drinking Fountain
EA.	Each
E.	East
ELEC.	Electric
EWC	Electric Water Cooler
EL.	Elevation
ELEV.	Elevator
EMER.	Emergency
ENCL.	Enclosure
ENTR.	Entrance
EQ.	Equal
EQUIP.	Equipment
EXH.	Exhaust
EXIST.	Existing
EXP. JT./EJ	Expansion Joint
EXT.	Exterior
EXTR.	Extruded
FT.	Feet/Foot
FIN.	Finish
FIN. FLR.	Finished Floor
FEC.	Fire Extinguisher Cabinet
FER	Fire Extinguisher Rack
FHC	Fire Hose Cabinet
FHR	Fire Hose Rack
FP	Fireproof
FPSC	Fireproof Self Closing
FSP	Fire Standpipe
FIXT.	Fixture
FLR.	Floor
FLR. DRN.	Floor Drain
FLUOR.	Fluorescent
FTG.	Footing
FAI	Fresh Air Intake
FUR.	Furring
GAL.	Gallon
GALV.	Galvanized
GALV. MTL.	Galvanized Metal
GALV. STL.	Galvanized Steel
GA.	Gauge
G.C.	General Contractor
GL.	Glass
GL. BLK.	Glass Block
GR.	Grade
GRND.	Ground
GYP.	Gypsum
GYP. BD.	Gypsum Board
GWB	Gypsum Wall Board
GF CMU	Ground Face Concrete Masonry Unit
HDWR.	Hardware
HTR.	Heater
HVAC.	Heating, Ventilating & Air Conditioning
HT.	Height
HP	High Point
HM	Hollow Metal
HORIZ.	Horizontal
HB	Hose Bib
HPDL	High Pressure Decorative Laminate
IN.	Inch/Inches
INCL.	Include/Inclusive
ID.	Inside Dimension
INSUL.	Insulation
INT.	Interior
INV.	Invert
JC.	Janitors Closet
JT.	Joint
JST.	Joist
JUNCT. BOX	Junction Box
LAB.	Laboratory
LAM.	Laminate
L.H.	Left Hand
LHRB.	Left Hand Reverse Bevel
LEV.	Level
LEVR.	Lever
LT.	Light
LTG.	Lighting
LTng.	Lightning
LT. WT.	Light Weight
LIN.	Linear
LP	Low Point
MACH.	Machine
MAINT.	Maintenance
MO.	Masonry Opening
MATL.	Material
MAX.	Maximum
MECH.	Mechanical
MER	Mechanical Equipment Room
MET.	Metal
MIN.	Minimum
MISC.	Miscellaneous
MOD.	Module
NOM.	Nominal
N	North
NIC	Not in Contract
NTS	Not to Scale
NO	Number
OFF	Office
OC	On Center
OPN'G.	Opening
OPP.	Opposite
OD	Outside Dimension
OFOI	Owner Furnished Owner Installed
PNT.	Paint
PTD.	Painted
PR.	Pair
PNL.	Panel
PCT.	Percent
PL.	Plate
PLUM.	Plumbing
POL.	Polished
LB.	Pound(s)
PCF	Pounds Per Cubic Foot
PCY	Pounds Per Cubic Yard
PSF	Pounds Per Square Foot
PSI	Pounds Per Square Inch
PROJ.	Project
PROJN.	Projection
PROT.	Protection
QTY	Quantity
RAD.	Radius
REC.	Reception
REF.	Reference/Refer
REINF.	Reinforced/Reinforcing
REQ'D.	Required
REV.	Revision/Revised
RH	Right Hand
RHRB	Right Hand Reverse Bevel
R.	Riser
R. DRN./RD	Roof Drain
RM.	Room
RCP	Reflected Ceiling Plan
RT	Rubber Tile
SAN.	Sanitary
SCHED.	Schedule
SECT.	Section
SHT.	Sheet
SIM.	Similar
SK.	Sketch
S	South
SPKR.	Speaker
SPEC.	Specifications
SPKLR.	Sprinkler
SQ.	Square
SF	Square Feet/Foot
SY	Square Yard/Yards
ST. STL.	Stainless Steel
STD.	Standard
STL.	Steel
STOR.	Storage
STR.	Stringer
STRC.	Structural
STRUC.	Structural
SUSP.	Suspended
SWGR.	Switchgear
SYM.	Symmetrical
TEL.	Telephone
TEL. CL.	Telephone Closet
TV	Television
TEMP.	Temporary
TC	Terra Cotta
THRU.	Through
T&G	Tongue and Groove
TS	Top of Slab
TW	Top of Wall
TYP.	Typical
UNFIN.	Unfinished
U.O.N.	Unless Otherwise Noted
UR.	Urinal
UTIL.	Utility
VEH.	Vehicle
VERT.	Vertical
VCT	Vinyl Composition Tile
VT	Vinyl Tile
VLT.	Volt
WC	Water Closet
WR	Water Resistant
WT.	Weight
W	West
W/	With
W/O	Without
WD.	Wood

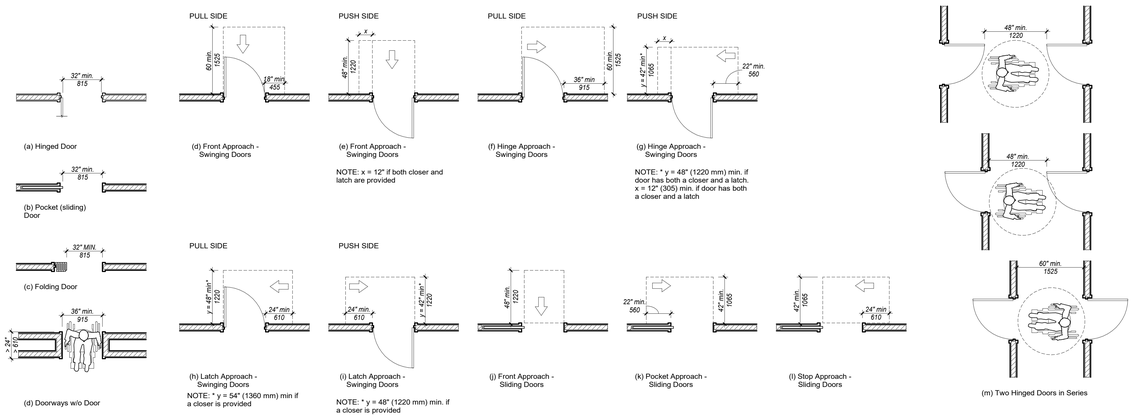
SYMBOLS

- Column Reference
- Section Marker
- Exterior Elevation
- Detail Reference
- Elevation Marker
- Interior Elevation
- Door Number
- Wall Type
- Room Name / Room Number / Room Finishes
- Equipment Number / Equipment Name
- Bench Type: C-Solid Surface, E-Epoxy Resin, P-Plastic Laminate, SS-Stainless Steel, ST-Stone, WD-Wood, # = Height, Inches
- Interior Finish
- Revision
- Dimensions to Column Center Line
- Other Dimensions
- Sheet Number / Trade

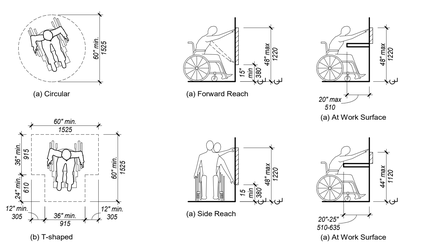
MATERIALS

- Earth/Fill
- Gravel/Porous Fill
- Concrete
- Cast Stone/Grout
- Ground Face CMU
- CMU
- Brick
- Steel
- Aluminum
- Continuous Wood Framing
- Wood Blocking
- Finish Wood
- Plywood
- Particle Board
- Rigid Insulation
- Batt Insulation
- Sprayed/Foam Insulation
- Waterproof Membrane/Air Vapor Barrier
- Glass
- Glass Block
- Gypsum Board
- Acoustic Tile
- Ceramic Tile
- Resilient Flooring
- Carpet

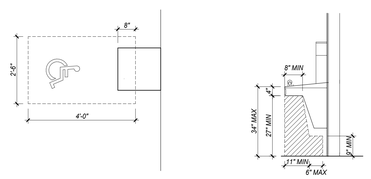
ACCESSIBLE ROUTES (ANSI A117.1-2017)



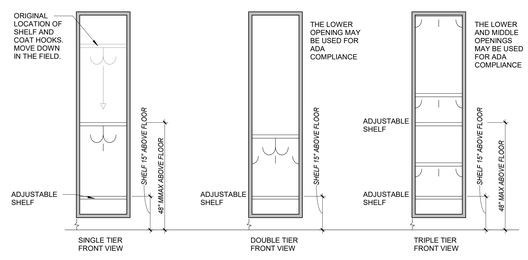
BUILDING BLOCKS (ANSI A117.1-2017)



DRINKING FOUNTAIN (ANSI A117.1-2017)



LOCKERS (ANSI A117.1-2017)



225.2.1 WHERE LOCKERS ARE PROVIDED, AT LEAST 5%, BUT NO FEWER THAN ONE OF EACH TYPE, SHALL COMPLY WITH 811.

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
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Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

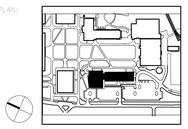
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ISSUE/REVISION:

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1	09-23-25	REBID & CONSTRUCTION

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KEY PLAN:



PROJECT:

SCIENCE & TECHNOLOGY BUILDING

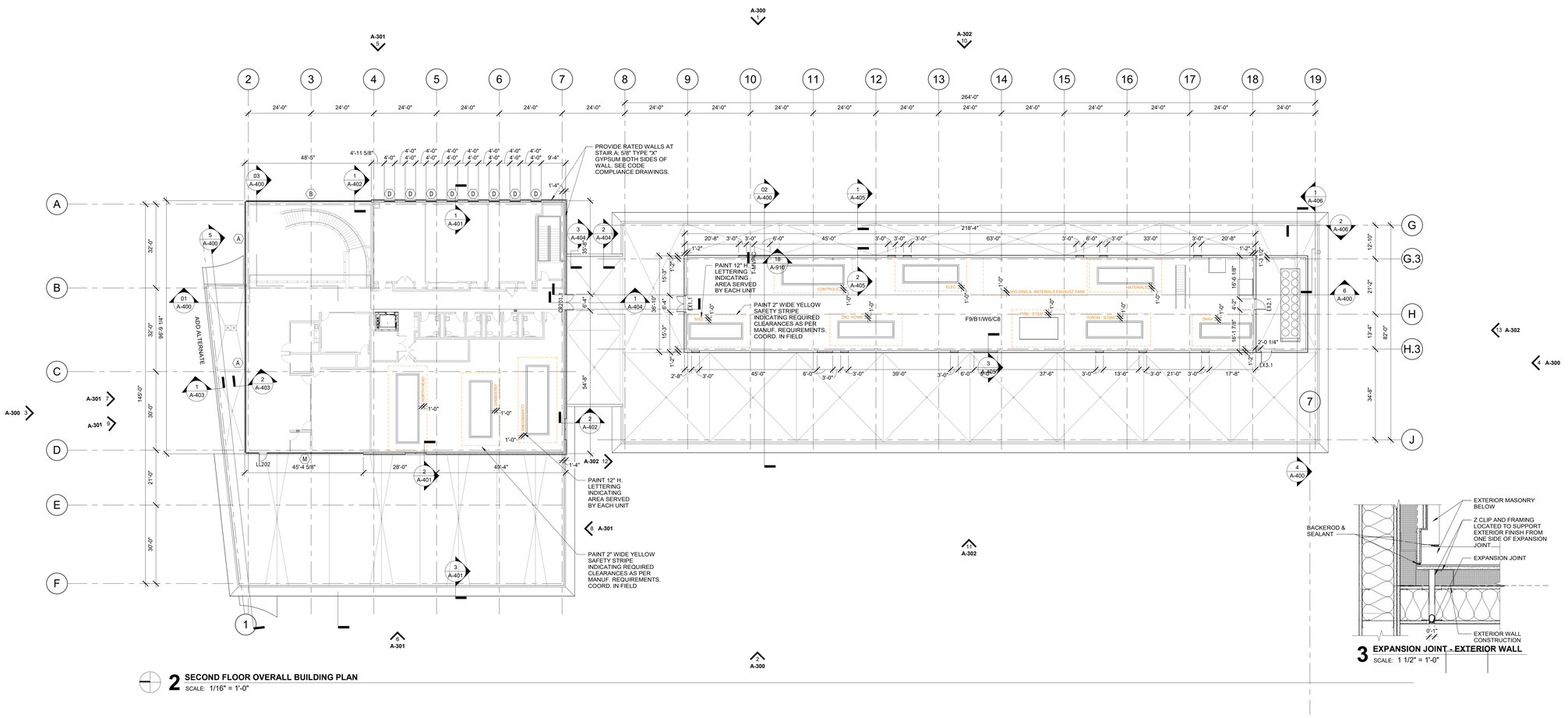
DRAWING TITLE:

GENERAL NOTES, SYMBOLS & ABBREVIATIONS

PROJECT NO: 23000 | DATE: 9/23/2025

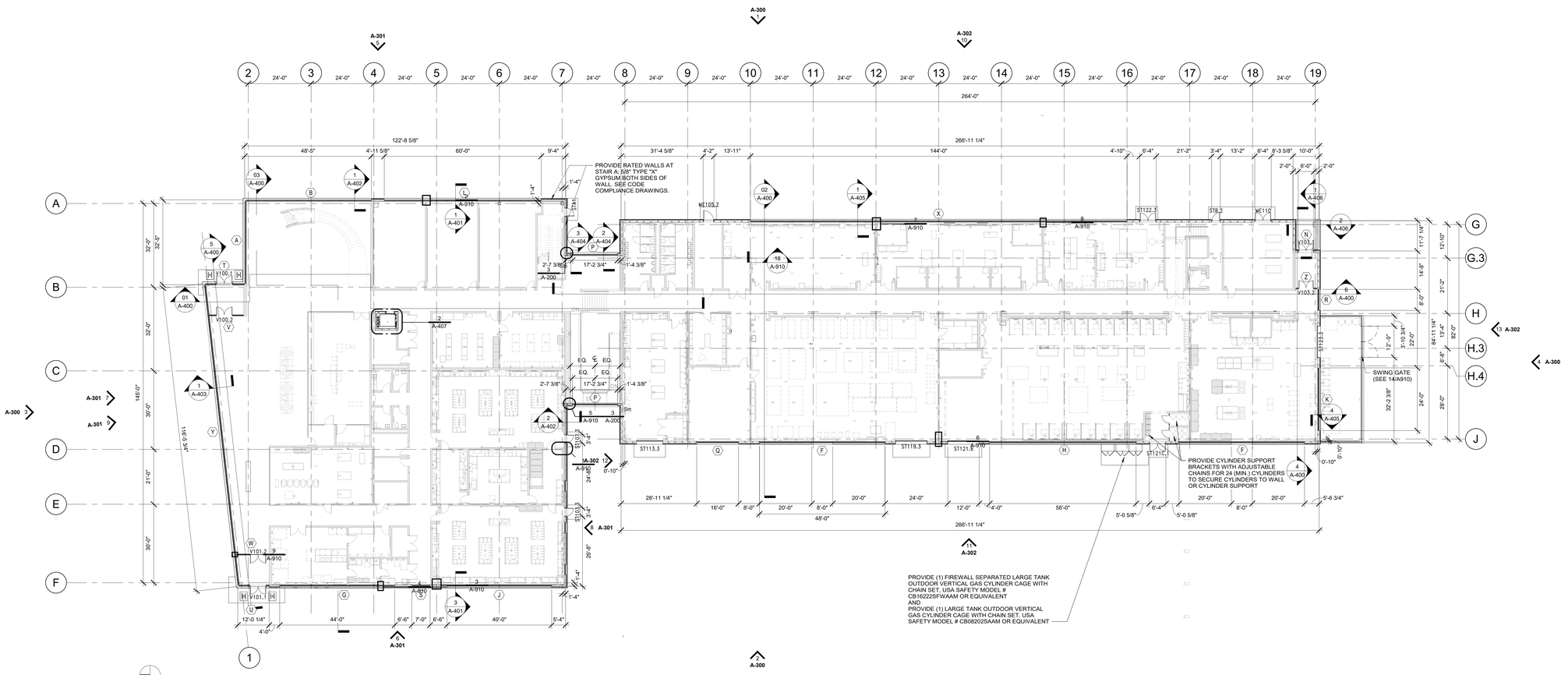
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G-001



2 SECOND FLOOR OVERALL BUILDING PLAN
SCALE: 1/16" = 1'-0"

3 EXPANSION JOINT - EXTERIOR WALL
SCALE: 1 1/2" = 1'-0"



1 FIRST FLOOR OVERALL BUILDING PLAN
SCALE: 1/16" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:
REGISTERED ARCHITECT MATTHEW E. KEEFE 039779 STATE OF NEW YORK
EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:

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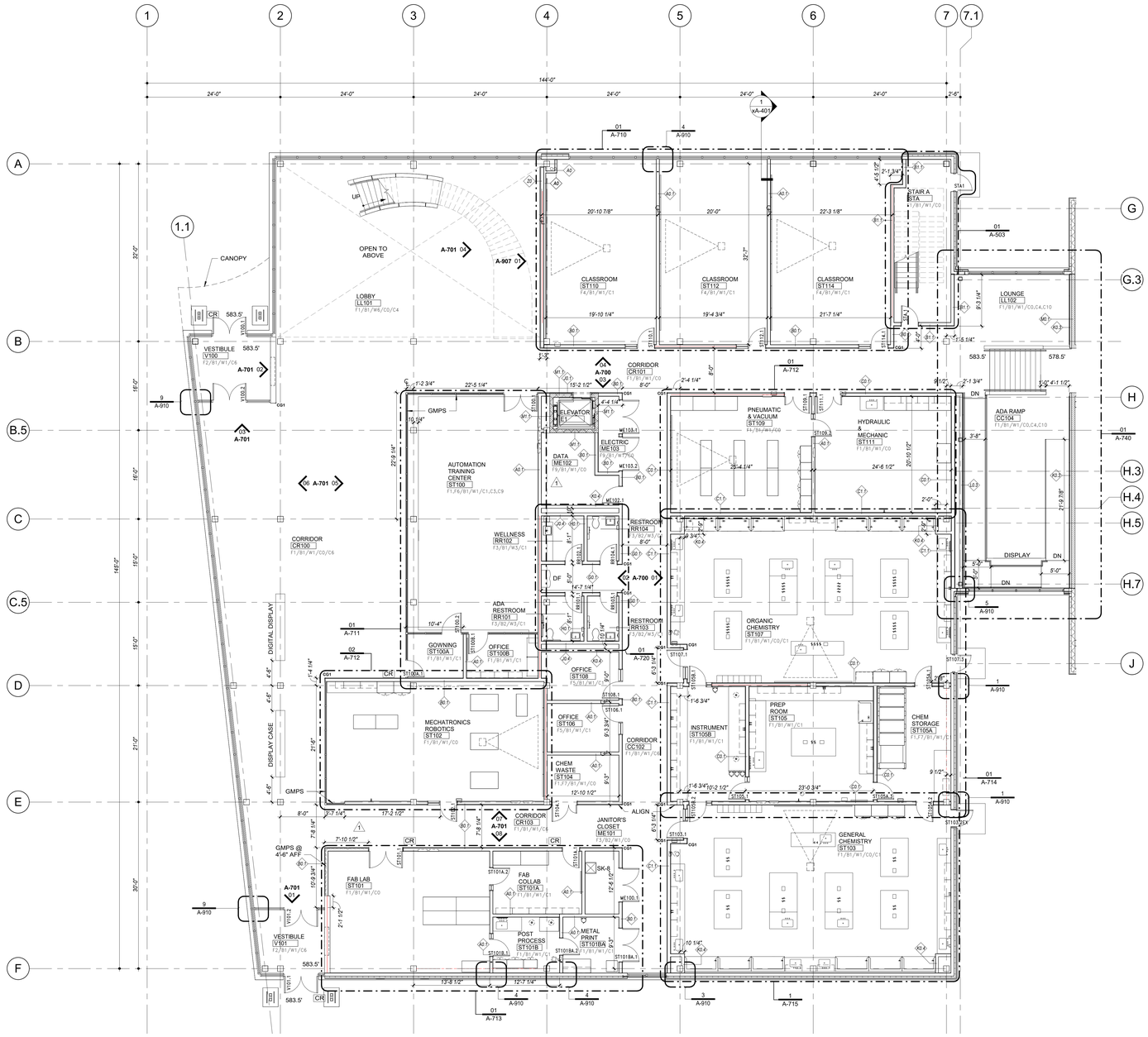
KEY PLAN:
PLAN NORTH

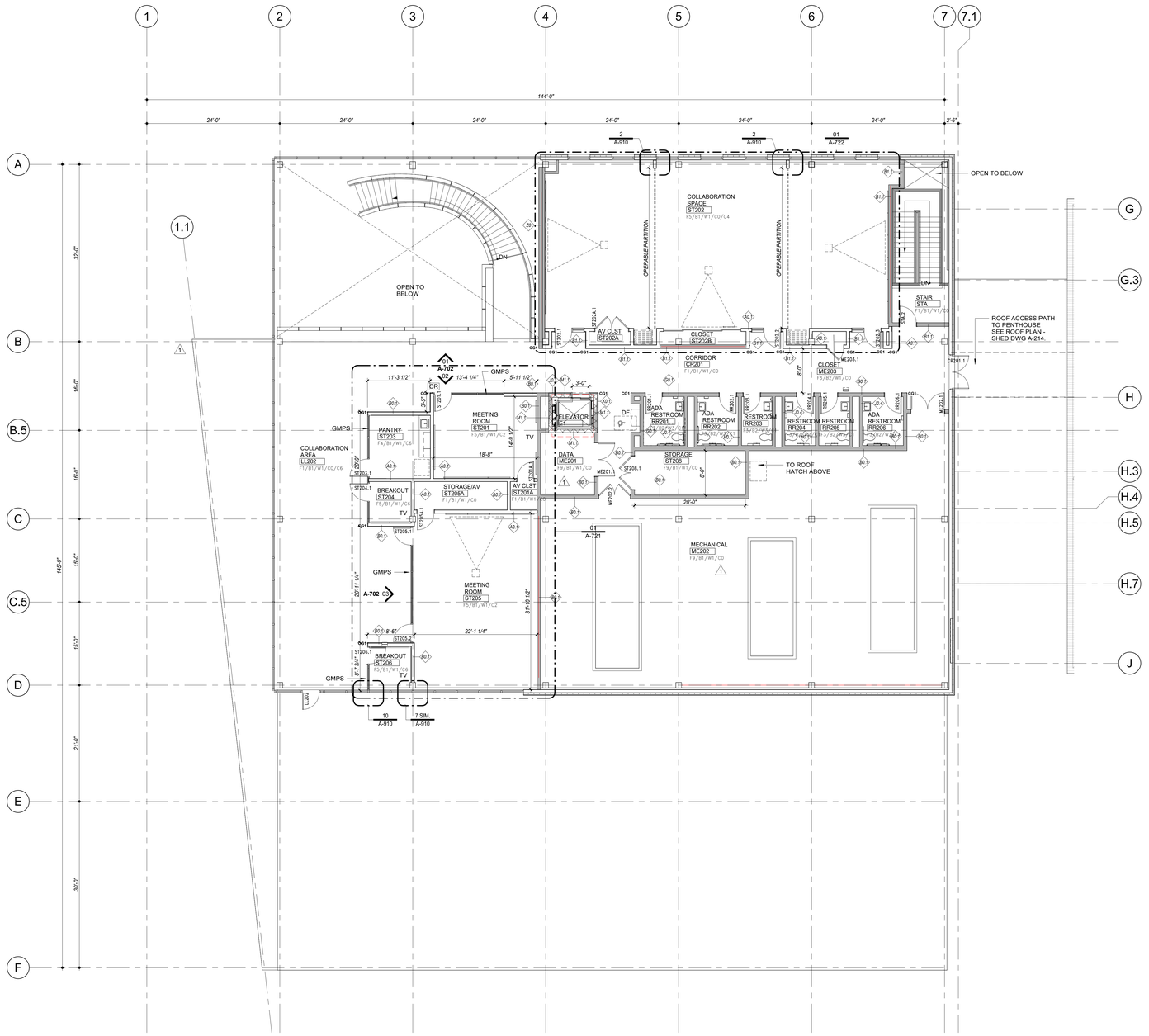
PROJECT:
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:
OVERALL FLOOR PLANS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

A-200


1
2
3
4
5
6
7
7.1
A
B
B.5
C
C.5
D
E
F
G
G.3
H
H.3
H.4
H.5
H.7
J
1.1
144'-0"
24'-0"
2'-6"
32'-0"
16'-0"
15'-0"
21'-0"
30'-0"
145'-0"
CANOPY
OPEN TO ABOVE
UP
LOBBY
LL101
F1/B1/W6/C0/C4
VESTIBULE
V100
F2/B1/W1/C6
583.5'
CR
V100.1
V100.2
CG1
CORRIDOR
CR100
F1/B1/W1/C0/C6
CORRIDOR
CR101
F1/B1/W1/C0
CLASSROOM
ST110
F4/B1/W1/C1
CLASSROOM
ST112
F4/B1/W1/C1
CLASSROOM
ST114
F4/B1/W1/C1
STAIR A
STA
F1/B1/W1/C0
LOUNGE
LL102
F1/B1/W1/C0,C4,C10
578.5'
ADA RAMP
CC104
F1/B1/W1/C0,C4,C10
GMPS
ELEVATOR
E1
AUTOMATION TRAINING CENTER
ST100
F1,F6/B1/W1/C1,C3,C9
DATA
ME102
F3/B1/W1/C0
ELECTRIC
ME103
F3/B1/W1/C0
PNEUMATIC & VACUUM
ST109
F3/B1/W1/C0
HYDRAULIC & MECHANIC
ST111
F1/B1/W1/C0
DISPLAY
DN
WELLNESS
RR102
F3/B1/W3/C1
RESTROOM
RR104
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RESTROOM
RR103
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OFFICE
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DISPLAY CASE
MECHATRONICS ROBOTICS
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CHEM WASTE
ST104
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CORRIDOR
CC102
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CHEM STORAGE
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F1,F7/B1/W1/C1
CORRIDOR
CR103
F1/B1/W1/C0
JANITOR'S CLOSET
ME101
F2/B2/W1/C0
ALIGN
GMPS @ 4'-6" AFF
GENERAL CHEMISTRY
ST103
F1/B1/W1/C0/C1
FAB LAB
ST101
F1/B1/W1/C0
FAB COLLAB
ST101A
F1/B1/W1/C1
SK-6
POST PROCESS
ST101B
F1/B1/W1/C1
METAL PRINT
ST101BA
F1/B1/W1/C1
VESTIBULE
V101
F2/B1/W1/C6
583.5'
CR
V101.1
V101.2
ST101A.1
ST101A.2
ST101B.1
ST101BA.1
ST101BA.2
ST101BA.3
ST101BA.4
ST101BA.5
ST101BA.6
ST101BA.7
ST101BA.8
ST101BA.9
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ST101BA.11
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ST101BA.24
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ST101BA.30
ST101BA.31
ST101BA.32
ST101BA.33
ST101BA.34
ST101BA.35
ST101BA.36
ST101BA.37
ST101BA.38
ST101BA.39
ST101BA.40



01 SECOND FLOOR - HEAD ALTERNATE

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

FINISH SCHEDULE			
FLOOR	BASE	WALL	CEILING
F1 POLISHED CONCRETE	B0 NO BASE	W1 PAINT	C0 EXPOSED CLT
F2 WALK-OFF MAT	B1 RUBBER	W2 GROUND FACE CMU	C1 ACOUSTIC CEILING TILE
F3 PORCELAIN TILE	B2 PORCELAIN TILE	W3 CERAMIC TILE	C2 ACOUSTIC CEILING TILE (ACCENT)
F4 RUBBER FLOORING		W4 - NOT USED -	C3 PAINTED GYPSUM BOARD
F5 PLASTIC WEAVE		W5 - NOT USED -	C4 DIRECT-MOUNT PANEL
F6 RAISED FLOOR RUBBER TILE		W6 METAL PANEL	C5 ACOUSTICAL SPRAY
F7 METAL GRATING		W7 UHPC WALL	C6 FELT BAFFLES
F8 RESINOUS FLOOR		W8 WOOD VENEER PANEL	C7 WOOD BAFFLES
F9 SEALED CONCRETE 1			C8 EXPOSED MTL DECK
			C9 80/20 CEILING GRID
			C10 WOOD CLOUD CEILING

LEGEND

- EQUIPMENT (OFOI)
- FURNITURE (OFOI)
- NEW PARTITIONS
- NEW GLAZED METAL PARTITION SYSTEMS
- NEW DOORS FRAMES & HARDWARE
- SN — SNORKEL
- CR — CARD READER
- ES — EMERGENCY SHOWER
- ES/EW — EMERGENCY SHOWER/ EYEWASH
- DF — DRINKING FOUNTAIN

SERVICES

CHW	CHILLED HOT WATER
V	VACUUM
G	GAS
A	AIR
CS	CUP SINK
DW	DISTILLED WATER

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

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Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
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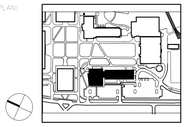
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO.	DATE	COMMENTS
1	09-23-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PLAN NORTH

PROJECT:

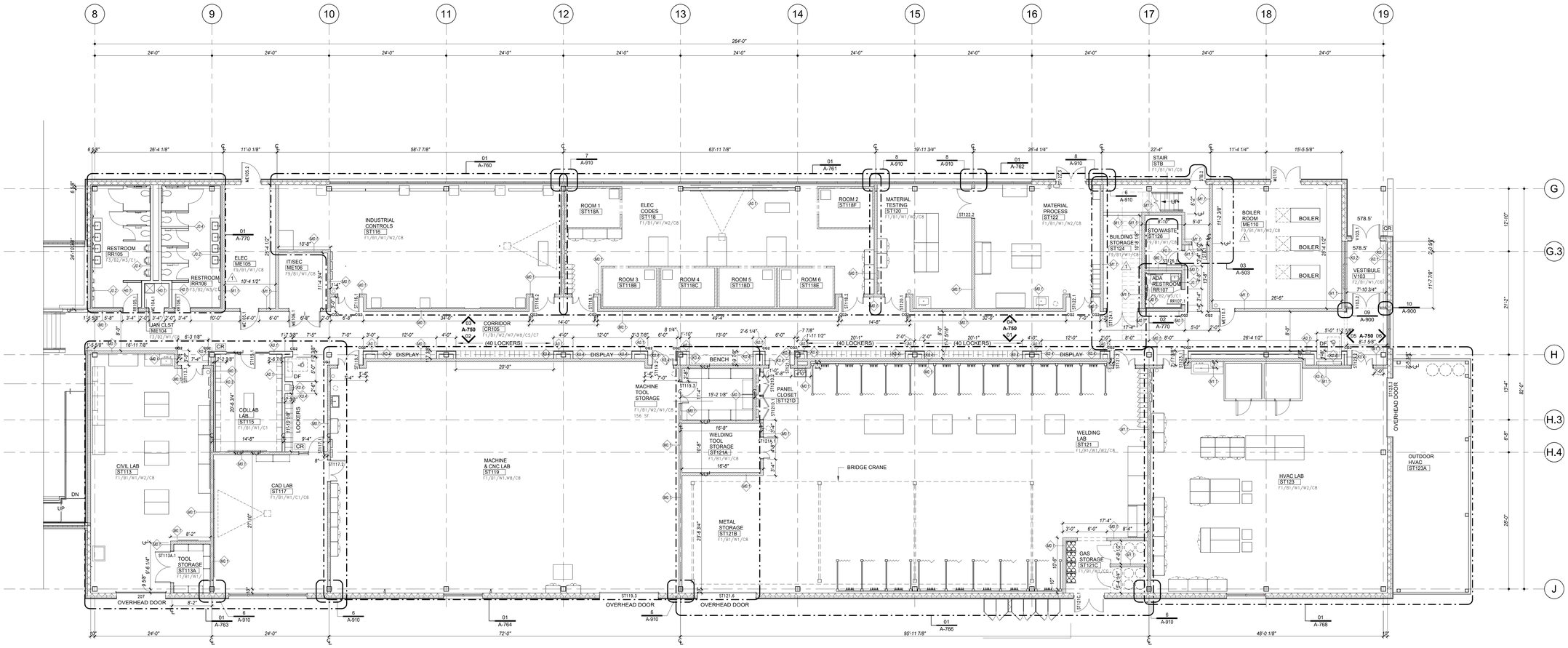
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

HEAD – SECOND FLOOR PLAN 1

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

A-211 1



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

FINISH SCHEDULE					
FLOOR		BASE		WALL	
F1	POLISHED CONCRETE	B0	NO BASE	W1	PAINT
F2	WALK-OFF MAT	B1	RUBBER	W2	GROUND FACE CMU
F3	PORCELAIN TILE	B2	PORCELAIN TILE	W3	CERAMIC TILE
F4	RUBBER FLOORING			W4	- NOT USED -
F5	PLASTIC WEAVE			W5	- NOT USED -
F6	RAISED FLOOR RUBBER TILE			W6	METAL PANEL
F7	METAL GRATING			W7	UHPC WALL
F8	RESINOUS FLOOR			W8	WOOD VENEER PANEL
F9	SEALED CONCRETE ⚠1				

CEILING	
C0	EXPOSED CLT
C1	ACOUSTIC CEILING TILE
C2	ACOUSTIC CEILING TILE (ACCENT)
C3	PAINTED GYPSUM BOARD
C4	DIRECT-MOUNT PANEL
C5	ACOUSTICAL SPRAY
C6	FELT BAFFLES
C7	WOOD BAFFLES
C8	EXPOSED MTL DECK
C9	80/20 CEILING GRID
C10	WOOD CLOUD CEILING

LEGEND

- EQUIPMENT (OFOI)
- FURNITURE (OFOI)
- NEW PARTITIONS
- NEW GLAZED METAL PARTITION SYSTEMS
- NEW DOORS FRAMES & HARDWARE

- SN — SNORKEL
- CR — CARD READER
- ES — EMERGENCY SHOWER
- ES/EW — EMERGENCY SHOWER/ EYEWASH
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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
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258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
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212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

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Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
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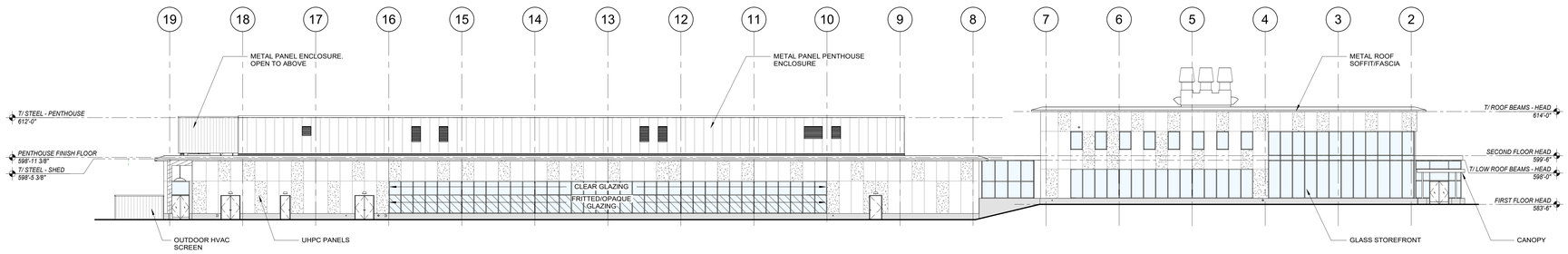
KEY PLAN:
PLAN NORTH

PROJECT TI:
SCIENCE & TECHNOLOGY BUILDING

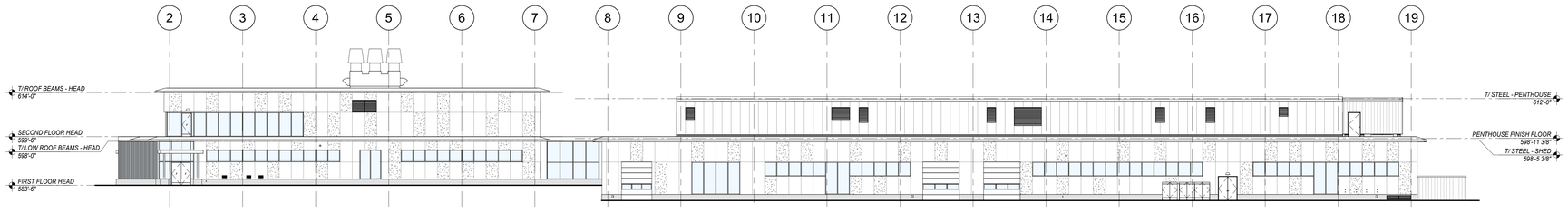
DRAWING TITLE:
SHED – FIRST FLOOR PLAN

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

A-250



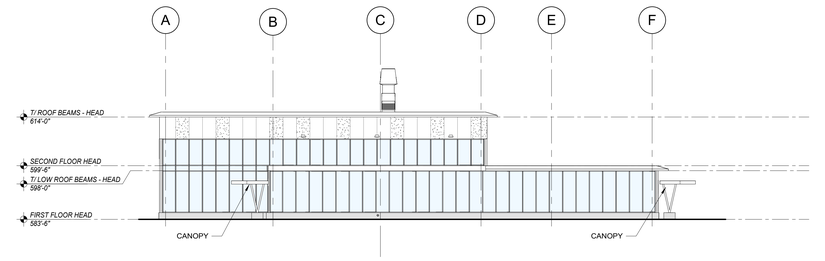
1 BUILDING EAST ELEVATION
SCALE: 1/16" = 1'-0"



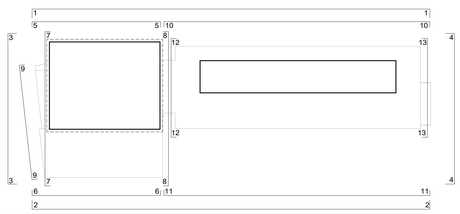
2 BUILDING WEST ELEVATION
SCALE: 1/16" = 1'-0"

LEGEND

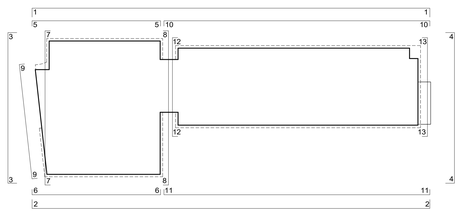
- INSULATED METAL SIDING
- METAL SIDING
- BRICK BASE (GRANITE ADD ALTERNATE)
- CLEAR GLAZING
- OPAQUE/FRITTED GLAZING
- UHPC PANEL TYPE 1
- UHPC PANEL TYPE 2



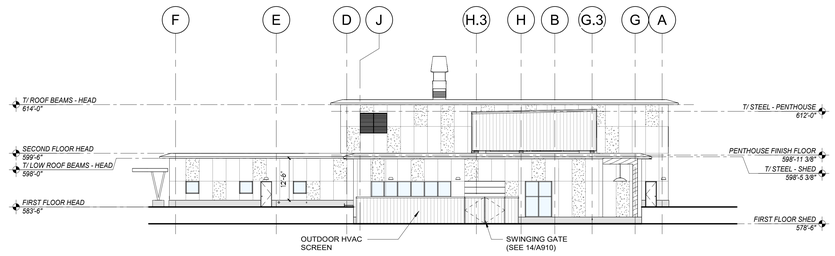
3 BUILDING NORTH ELEVATION
SCALE: 1/16" = 1'-0"



6 SECOND FLOOR - ELEVATION KEY PLAN



5 FIRST FLOOR - ELEVATION KEY PLAN



4 BUILDING SOUTH ELEVATION
SCALE: 1/16" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
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212 663 4000

STRUCTURAL ENGINEER:
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Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT MATTHEW E. KEEFE 039779 STATE OF NEW YORK

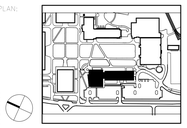
EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:

NO.	DATE	COMMENTS
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KEY PLAN:



PLAN NORTH

PROJECT:

SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

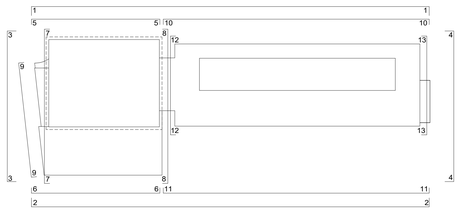
OVERALL BUILDING ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

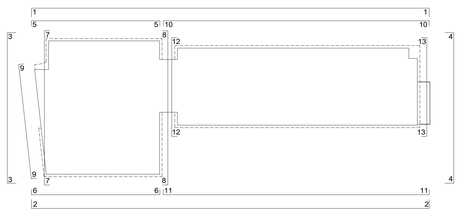
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LEGEND

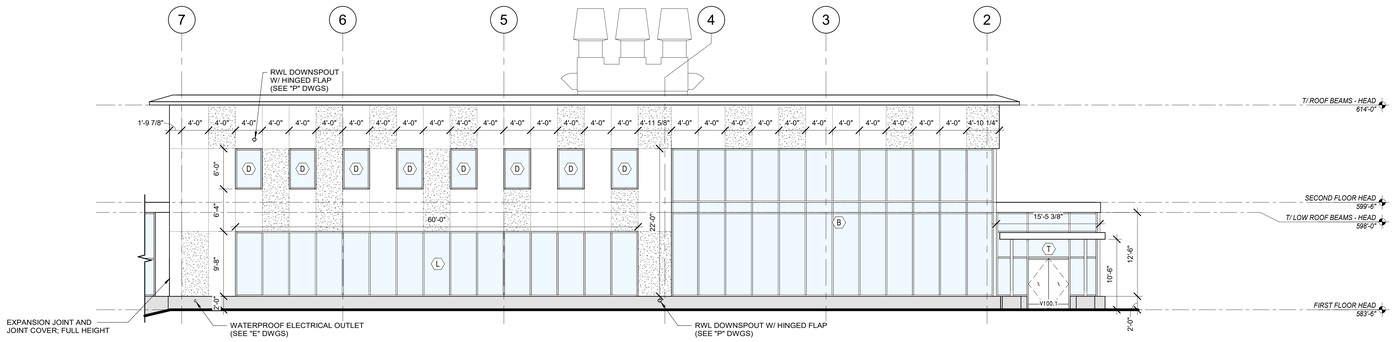
- INSULATED METAL SIDING
- METAL SIDING
- BRICK BASE (GRANITE ADD ALTERNATE)
- CLEAR GLAZING
- OPAQUE/FRITTED GLAZING
- UHPC PANEL TYPE 1
- UHPC PANEL TYPE 2



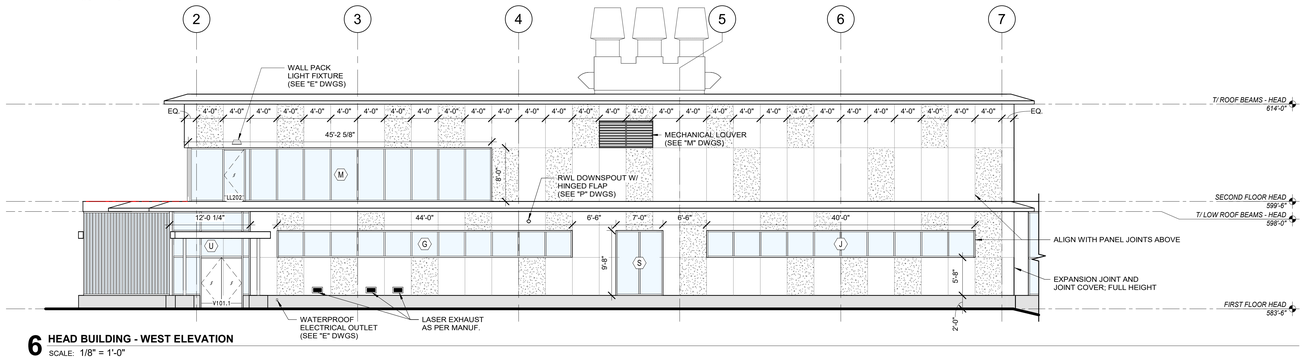
1 SECOND FLOOR - ELEVATION KEY PLAN
SCALE: 1" = 60'-0"



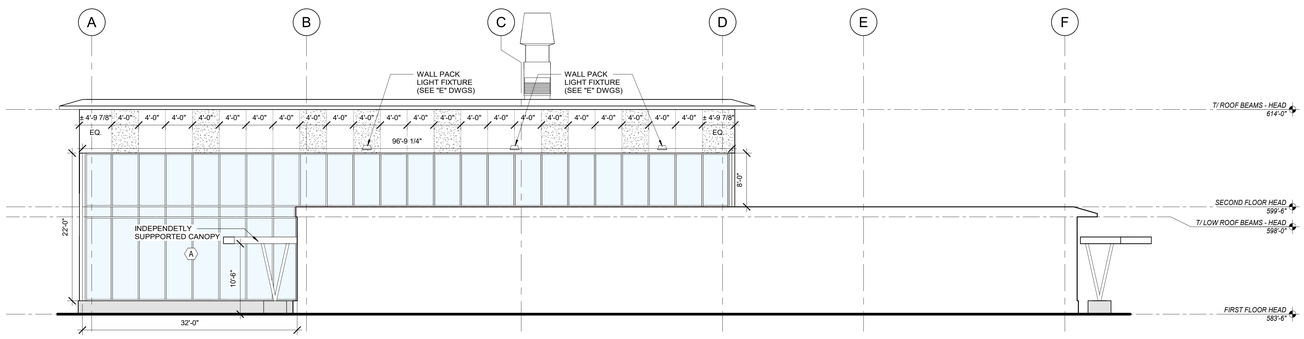
2 FIRST FLOOR - ELEVATION KEY PLAN
SCALE: 1" = 60'-0"



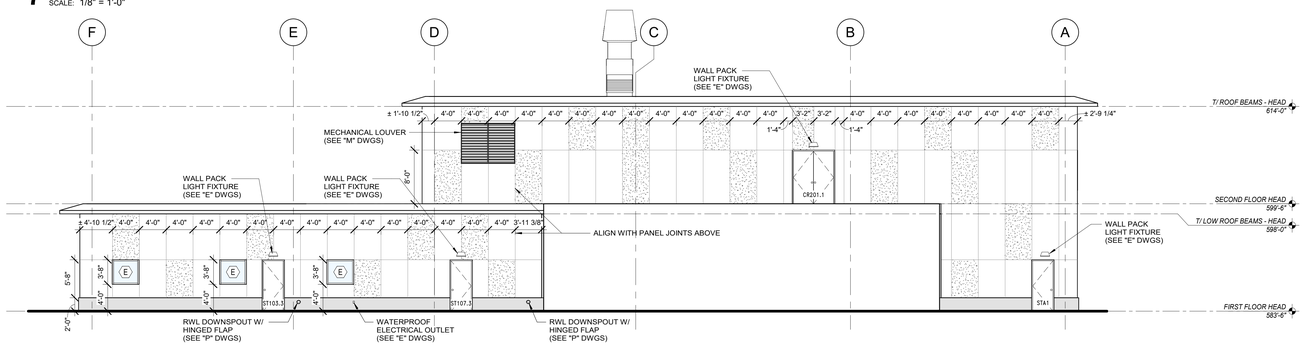
5 HEAD BUILDING - EAST ELEVATION
SCALE: 1/8" = 1'-0"



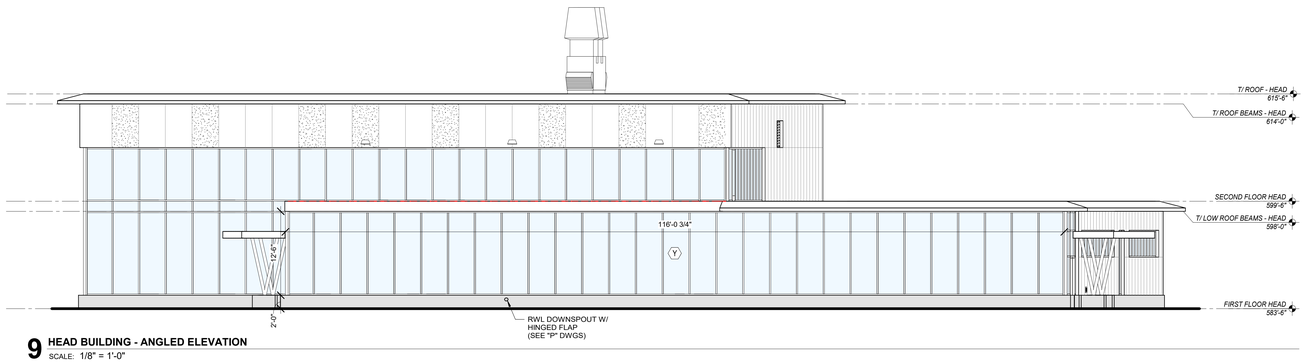
6 HEAD BUILDING - WEST ELEVATION
SCALE: 1/8" = 1'-0"



7 HEAD BUILDING - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



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



9 HEAD BUILDING - ANGLED ELEVATION
SCALE: 1/8" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
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STRUCTURAL ENGINEER:
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18 South Street
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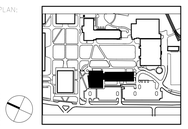
REGISTERED ARCHITECT MATTHEW E. KREFT 039779 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:		
NO.	DATE	COMMENTS
1	9/23/25	REBID & CONSTRUCTION

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KEY PLAN:



PROJECT TI

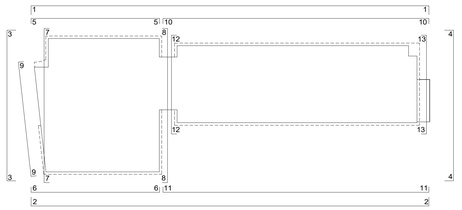
SCIENCE & TECHNOLOGY BUILDING

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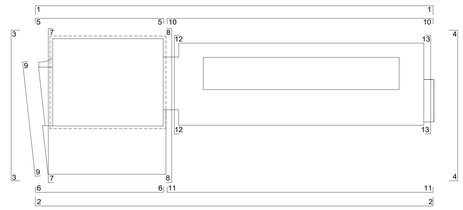
LARGE SCALE BUILDING ELEVATIONS – HEAD

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

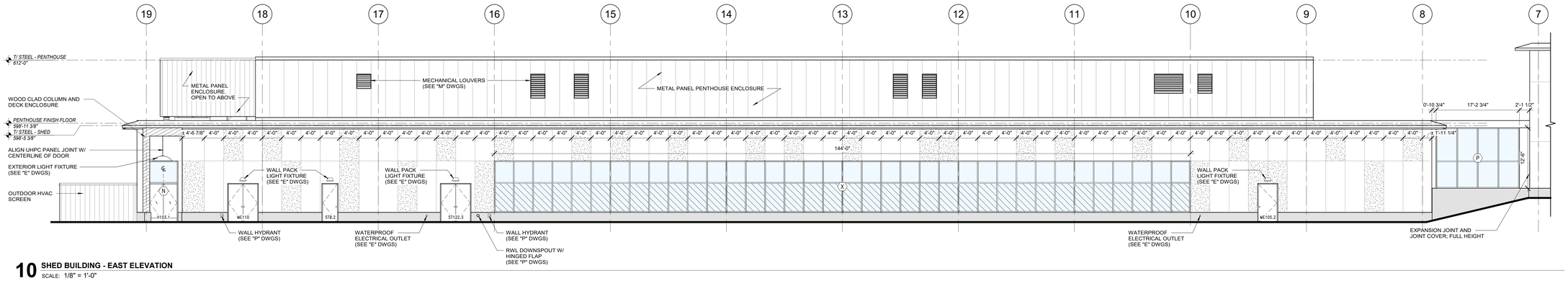
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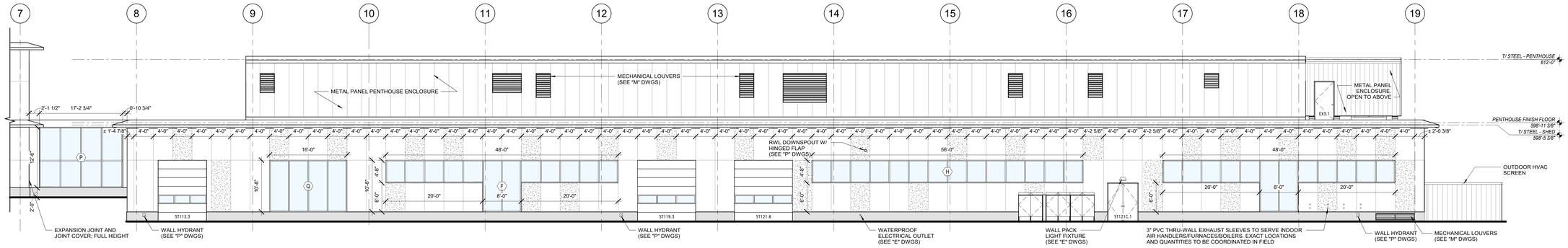
1 FIRST FLOOR - ELEVATION KEY PLAN
SCALE: 1" = 60'-0"



2 SECOND FLOOR - ELEVATION KEY PLAN
SCALE: 1" = 60'-0"



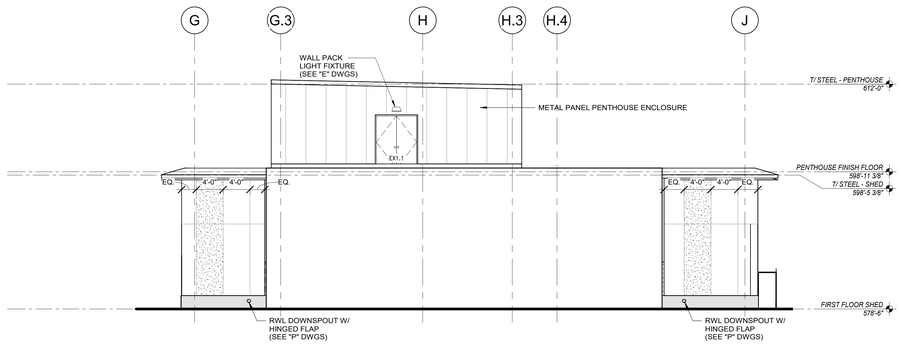
10 SHED BUILDING - EAST ELEVATION
SCALE: 1/8" = 1'-0"



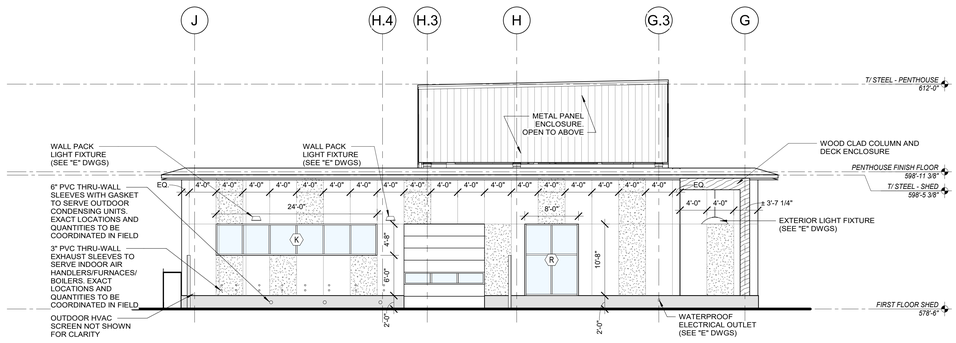
11 SHED BUILDING - WEST ELEVATION
SCALE: 1/8" = 1'-0"

LEGEND

- INSULATED METAL SIDING
- METAL SIDING
- BRICK BASE (GRANITE ADD ALTERNATE)
- CLEAR GLAZING
- OPAQUE/FRITTED GLAZING
- UHPC PANEL TYPE 1
- UHPC PANEL TYPE 2



12 SHED BUILDING - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



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

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
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MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
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SEAL:

REGISTERED ARCHITECT MATTHEW E. KREPS 039779 STATE OF NEW YORK

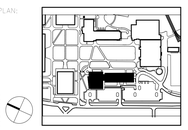
EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:

NO	DATE	COMMENTS
1	9/23/25	REBID & CONSTRUCTION

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KEY PLAN:



PLAN NORTH

PROJECT TI:

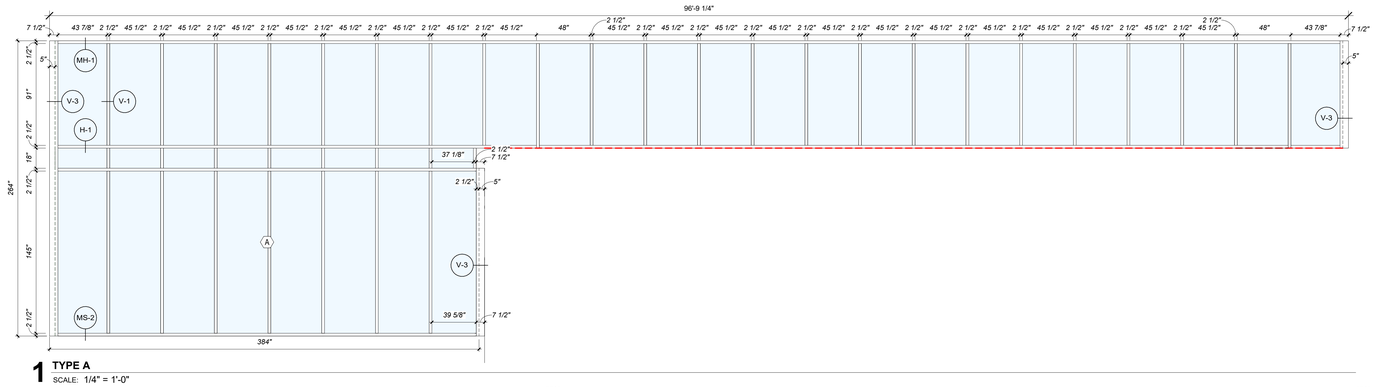
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

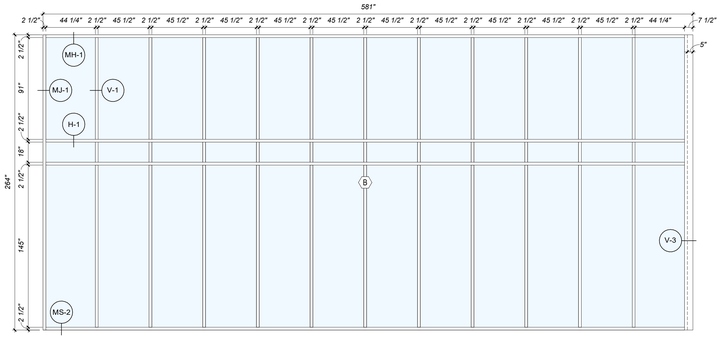
LARGE SCALE BUILDING ELEVATIONS – SHED

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

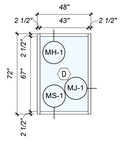
A-302



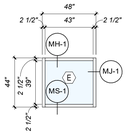
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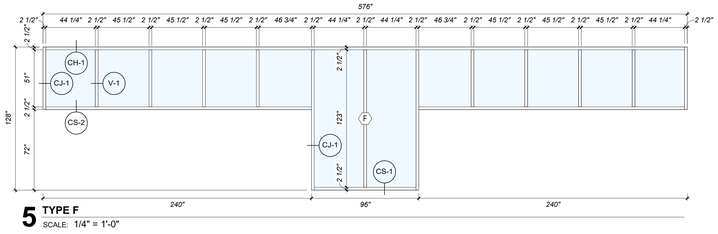
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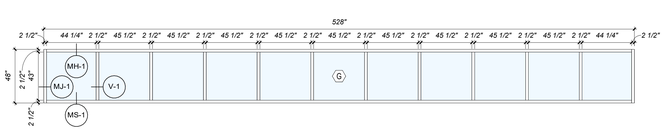
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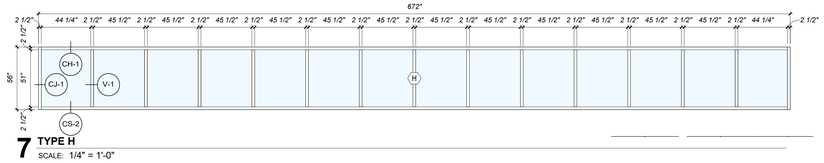
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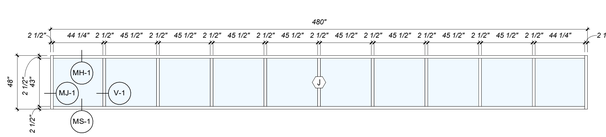
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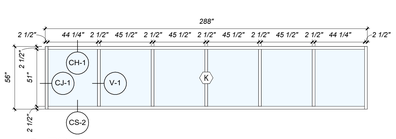
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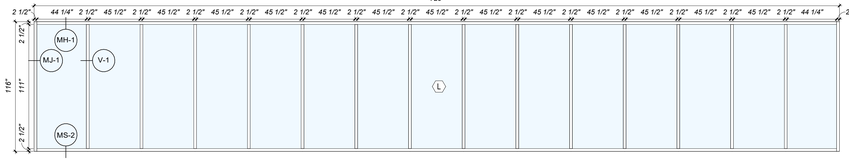
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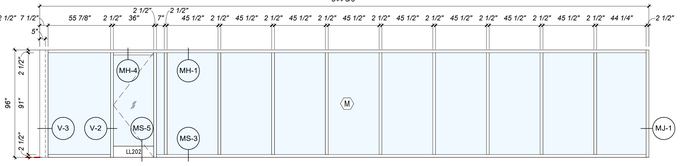
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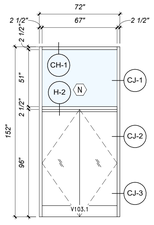
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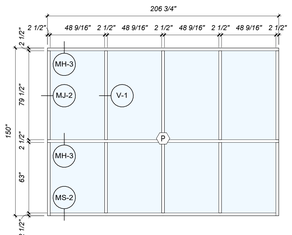
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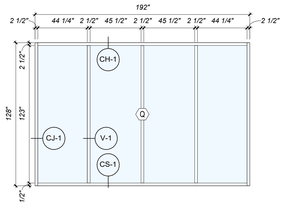
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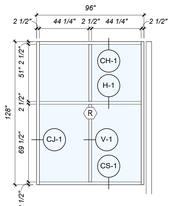
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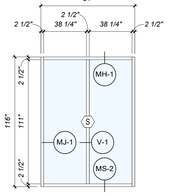
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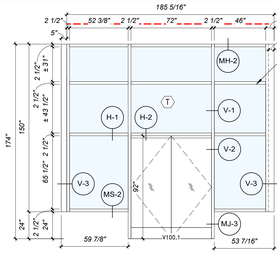
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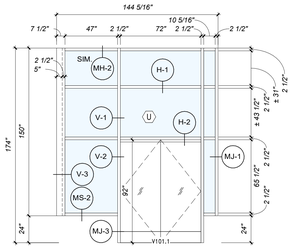
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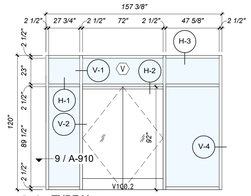
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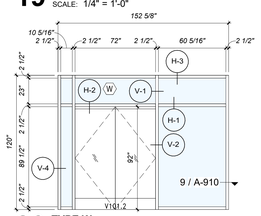
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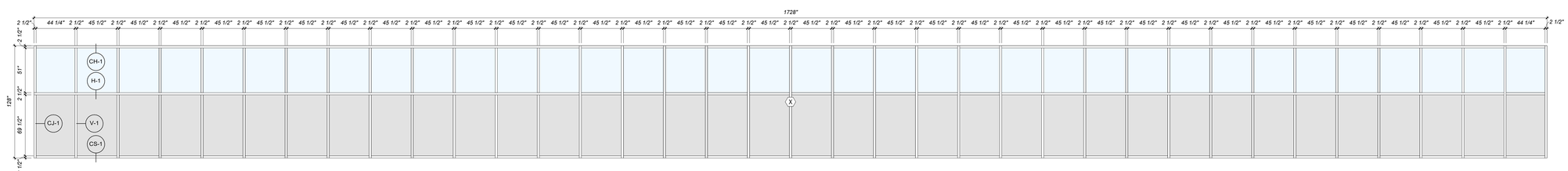
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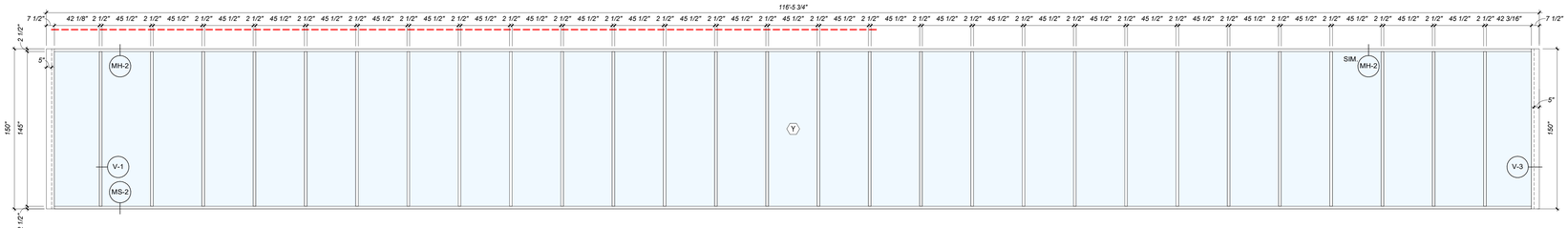
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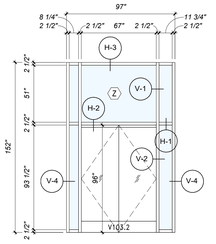
20 TYPE W
SCALE: 1/4" = 1'-0"



21 TYPE X
SCALE: 1/4" = 1'-0"



22 TYPE Y
SCALE: 1/4" = 1'-0"



23 TYPE Z
SCALE: 1/4" = 1'-0"

CURTAIN WALL ENERGY CODE COMPLIANCE
VALUES BELOW ARE APPLICABLE FOR ALL CURTAIN WALL ASSEMBLY TYPES A-Z SHOWN ABOVE.

U-VALUE:	U-0.35
AIR LEAKAGE VALUE:	0.06
SHGC:	.38

SEE EXTERIOR DOOR SCHEDULE ON A-903 FOR ENERGY INFORMATION ON DOORS WITHIN CURTAIN WALL SYSTEM

ENERGY CODE COMPLIANCE INFO
SCALE: 1/8" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT
MATTHEW E. TREES
039779
STATE OF NEW YORK

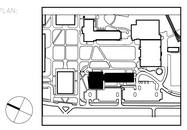
EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:

NO.	DATE:	COMMENTS:
1	9/23/25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PLAN NORTH

PROJECT:

SCIENCE & TECHNOLOGY BUILDING

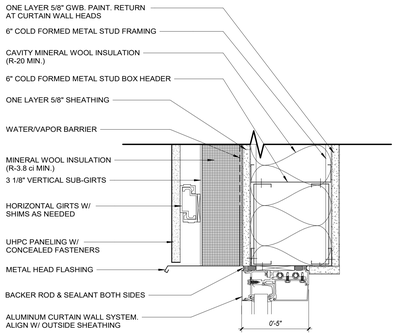
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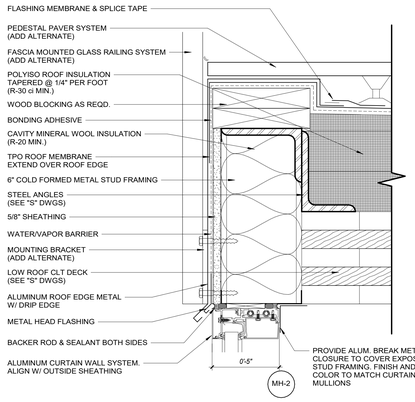
CURTAIN WALL ELEVATIONS

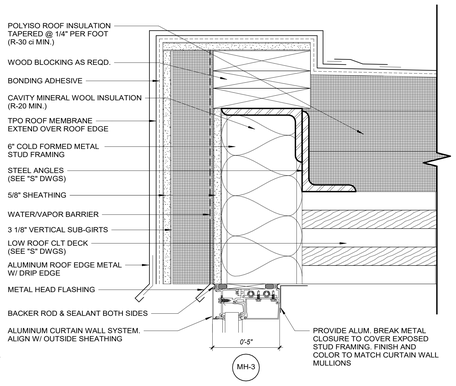
PROJECT NO: 23000 | DATE: 9/23/2025

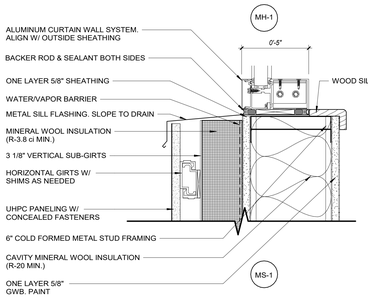
PHASE: REBID & CONSTRUCTION | SCALE: As indicated

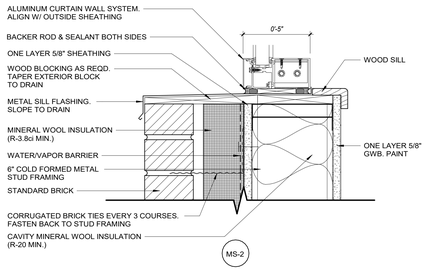
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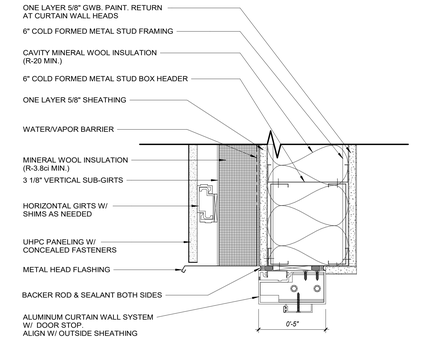


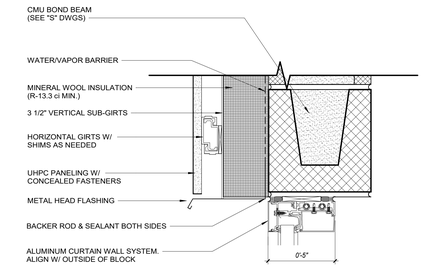


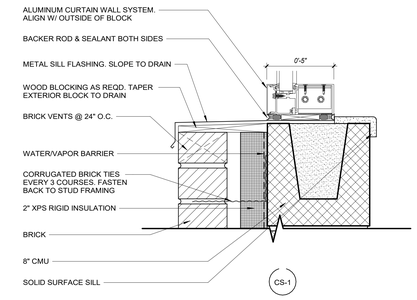


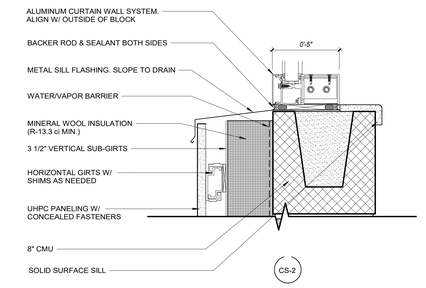


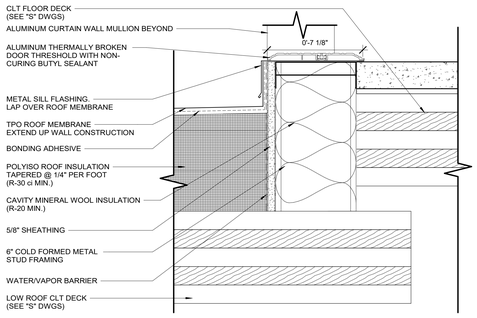


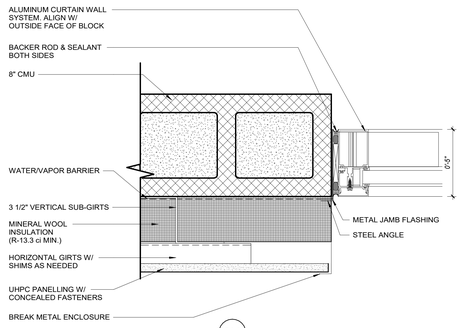


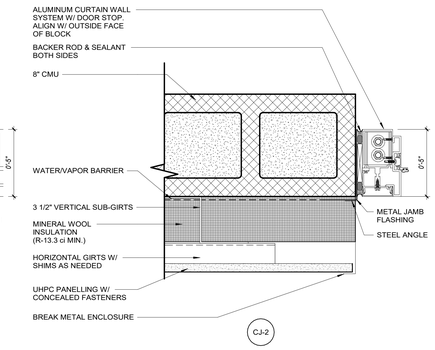


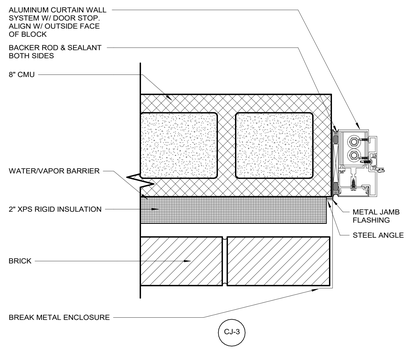


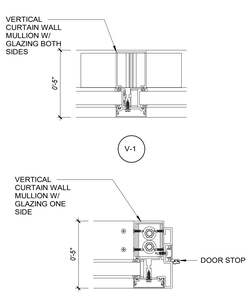


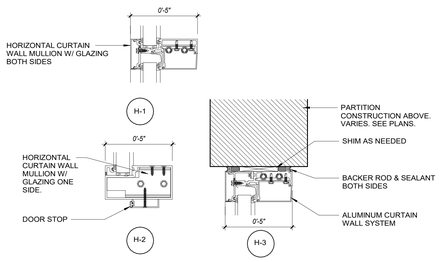


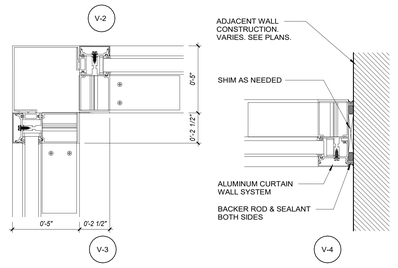


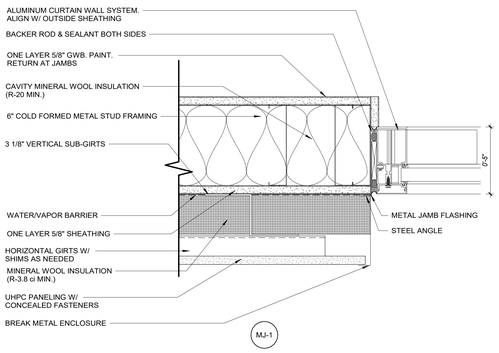


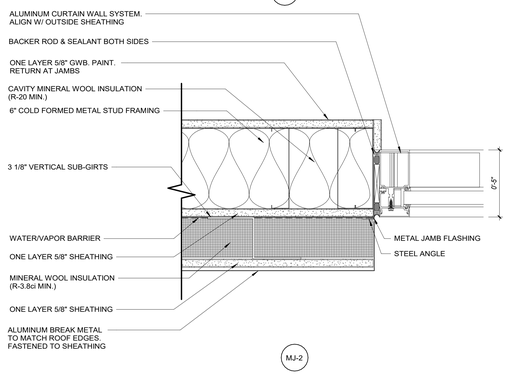


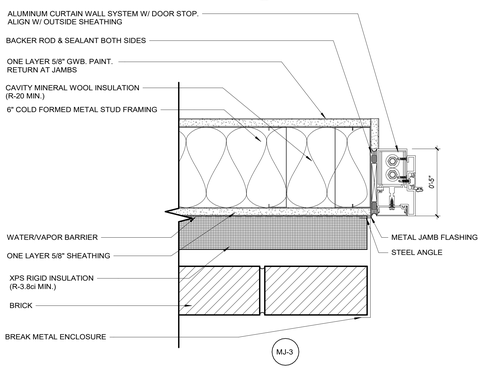


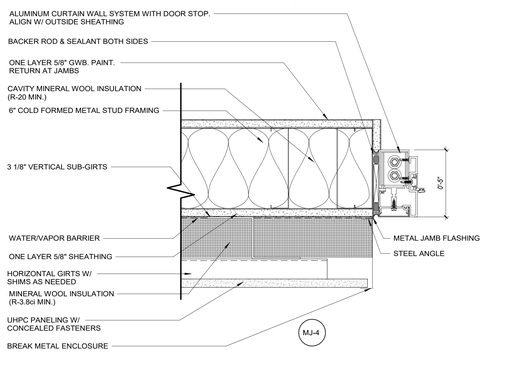












1 Curtain Wall Details
SCALE: 3" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:
REGISTERED ARCHITECT MATTHEW E. KEEFE 039779 STATE OF NEW YORK
EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:

NO	DATE	COMMENTS
	09/23/25	REBID & CONSTRUCTION

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ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

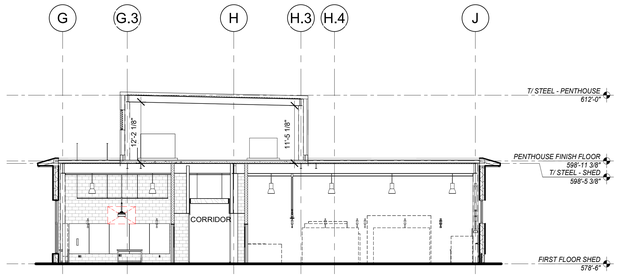
KEY PLAN:
PLAN NORTH

PROJECT:
SCIENCE & TECHNOLOGY BUILDING

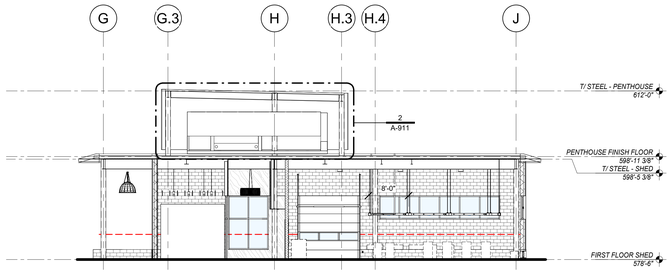
DRAWING TITLE:
CURTAIN WALL DETAILS

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: 3" = 1'-0"

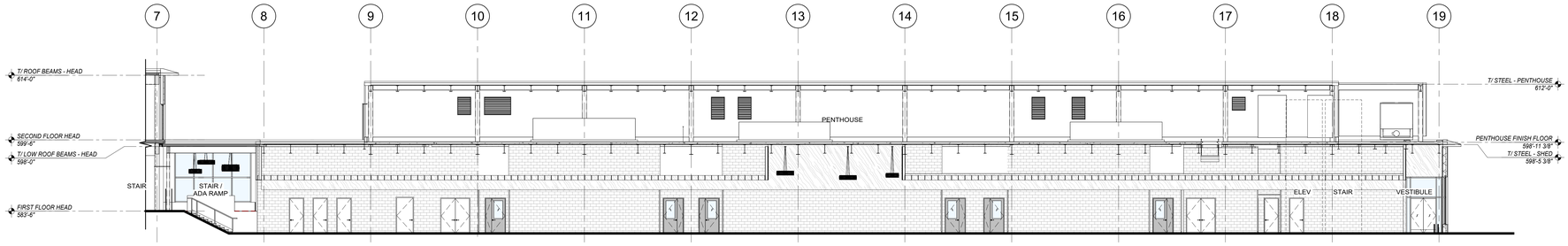
A-304



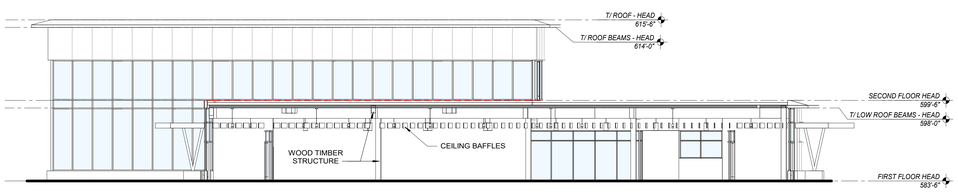
02 SHED - BUILDING SECTION (TRANSVERSE)
SCALE: 3/32" = 1'-0"



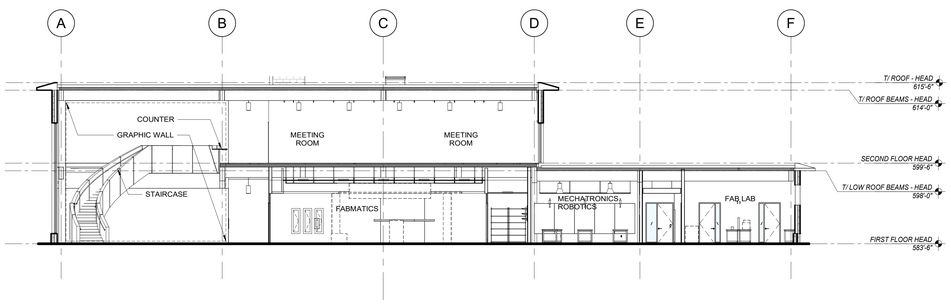
4 SHED - BUILDING SECTION (TRANSVERSE)
SCALE: 3/32" = 1'-0"



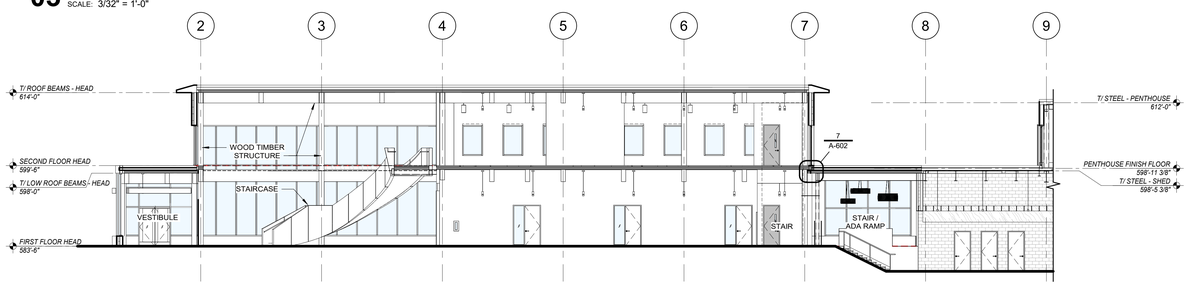
6 SHED - BUILDING SECTION (LONGITUDINAL)
SCALE: 3/32" = 1'-0"



5 HEAD - BUILDING SECTION (TRANSVERSE)
SCALE: 3/32" = 1'-0"



03 HEAD - BUILDING SECTION (TRANSVERSE)
SCALE: 3/32" = 1'-0"



01 HEAD - BUILDING SECTION (LONGITUDINAL)
SCALE: 3/32" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
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REGISTERED ARCHITECT
MATTHEW E. YAGER
No. 039779
STATE OF NEW YORK

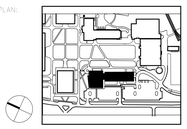
EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:

NO:	DATE:	COMMENTS:
1	9/23/25	REBID & CONSTRUCTION

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KEY PLAN:



PROJECT:

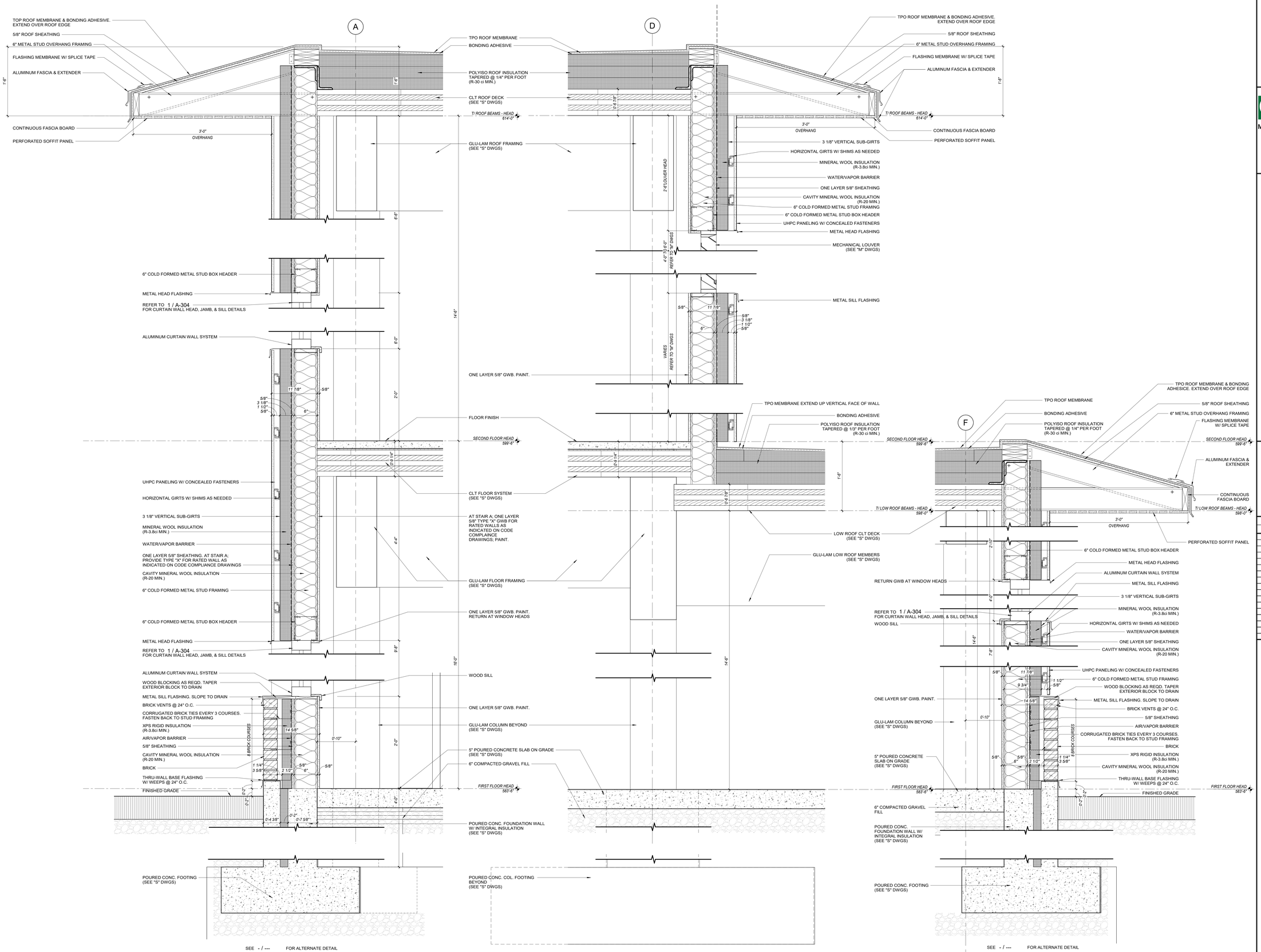
SCIENCE &
TECHNOLOGY BUILDING

DRAWING TITLE:

BUILDING SECTIONS

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: 3/32" = 1'-0"

A-400



1 HEAD - TYPICAL WALL SECTION - BRICK BASE
SCALE: 1 1/2" = 1'-0"

2 HEAD - LOW ROOF WALL SECTION
SCALE: 1 1/2" = 1'-0"

3 HEAD BUILDING - LOW ROOF PERIMETER WALL SECTION
SCALE: 1 1/2" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

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Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

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Towne Engineering
18 South Street
Utica, NY 13501
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315 476 1022

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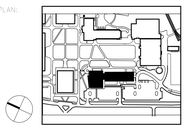
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KEY PLAN:



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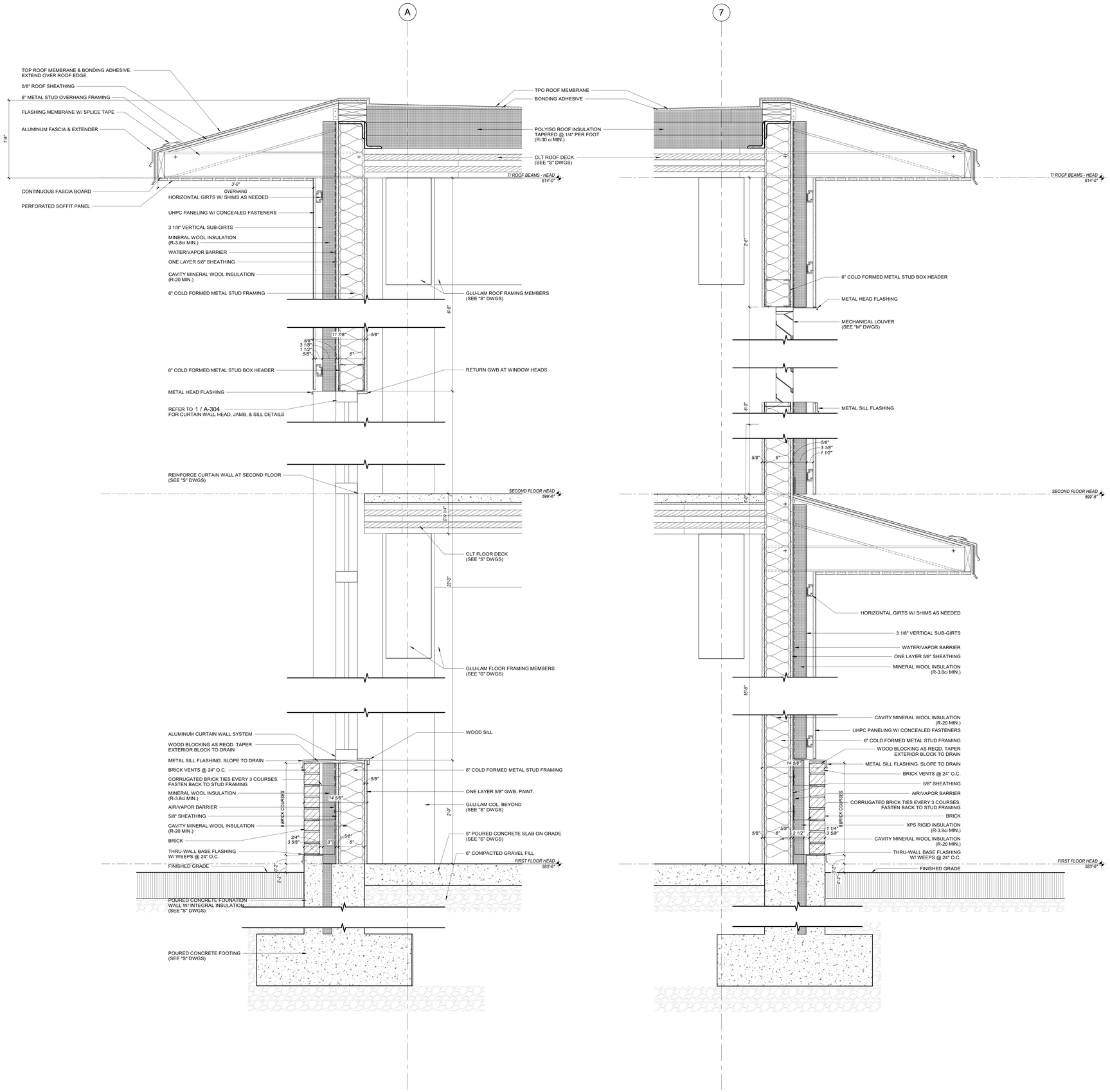
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

HEAD – WALL SECTIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1 1/2" = 1'-0"

A-401



1 HEAD - CURTAIN WALL SECTION
SCALE: 1 1/2" = 1'-0"

2 HEAD - DOUBLE ROOF EDGE
SCALE: 1 1/2" = 1'-0"

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MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
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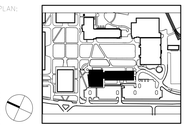
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KEY PLAN:



PLAN NORTH

PROJECT T:

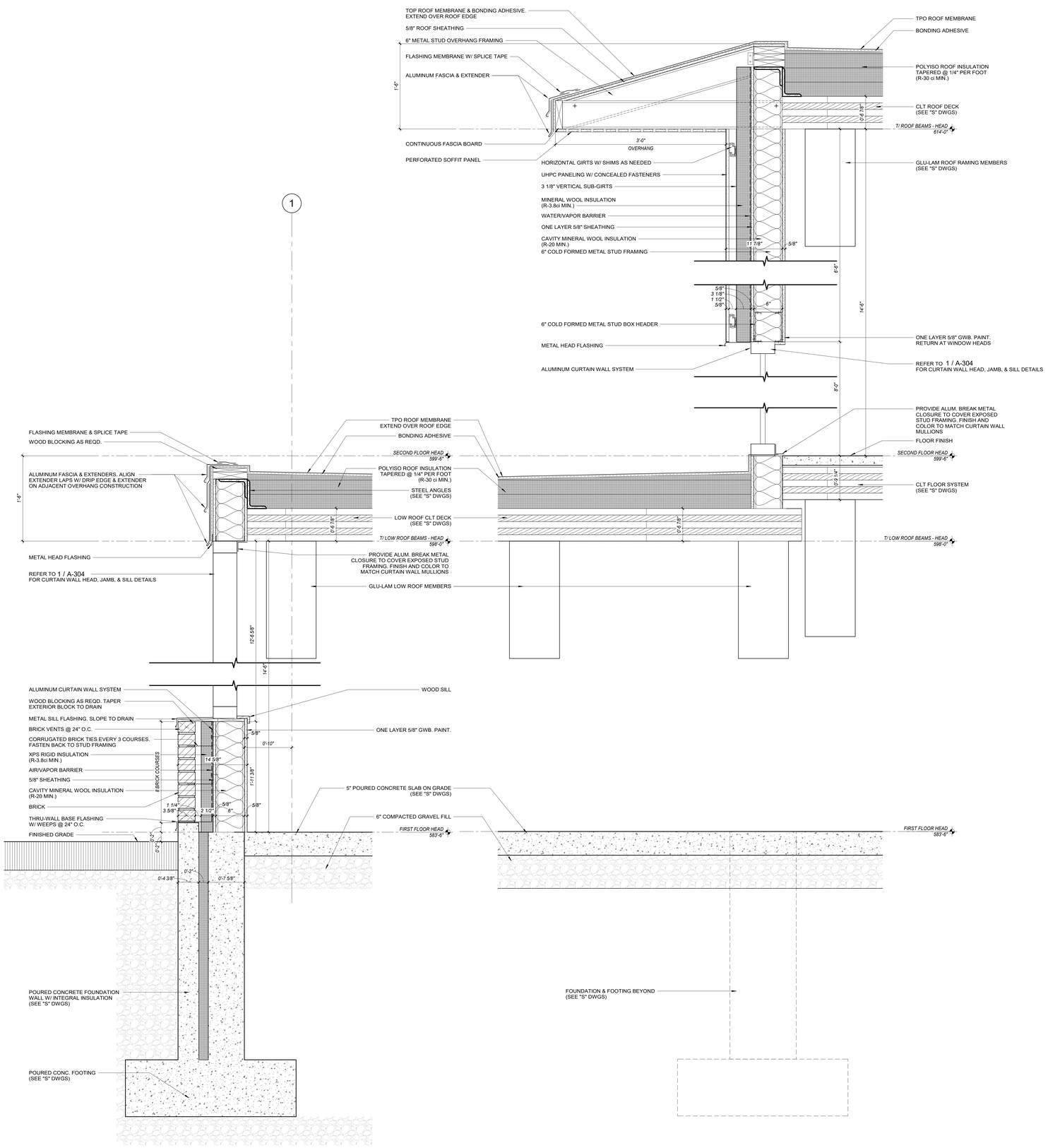
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

HEAD – WALL SECTIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1 1/2" = 1'-0"

A-402



1 HEAD - TERRACE WALL SECTION
SCALE: 1 1/2" = 1'-0"

2 HEAD - TERRACE WALL SECTION1
SCALE: 1 1/2" = 1'-0"

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MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

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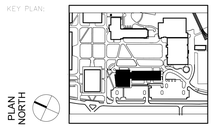
EXPIRATION DATE: 05-31-2028

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KEY PLAN:



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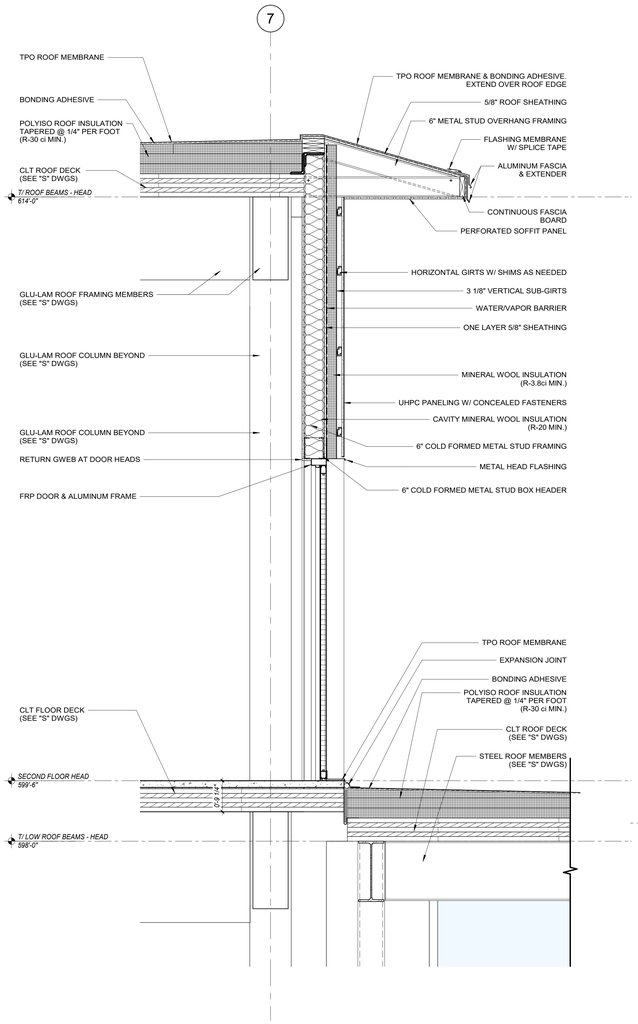
SCIENCE & TECHNOLOGY BUILDING

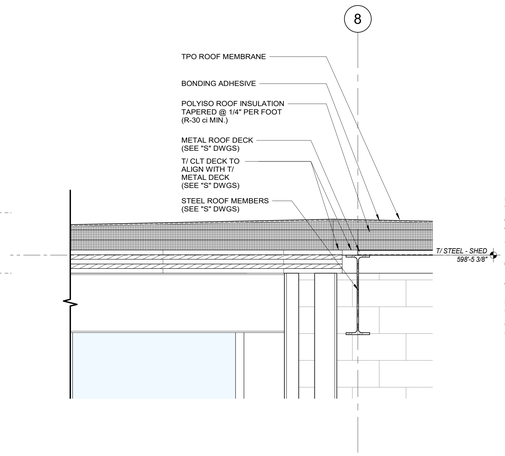
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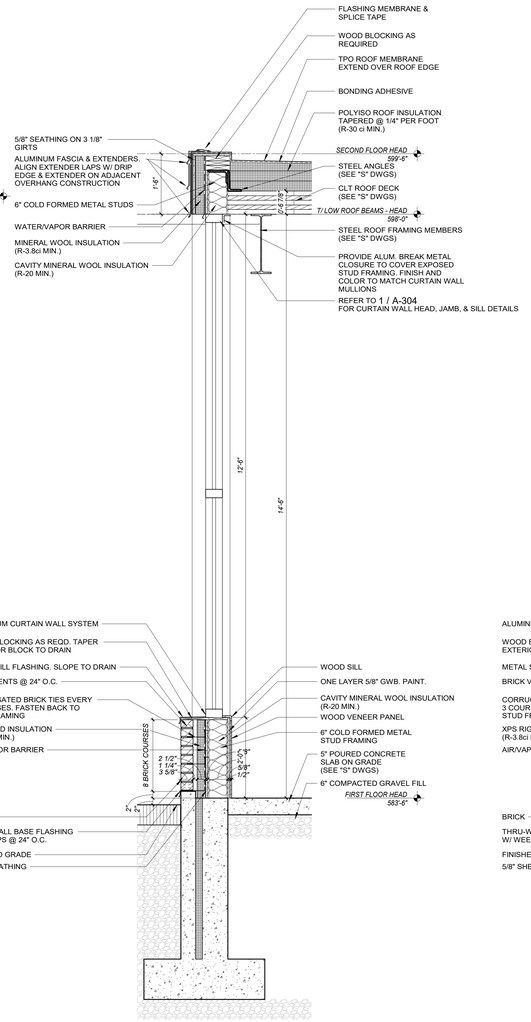
HEAD – WALL SECTIONS

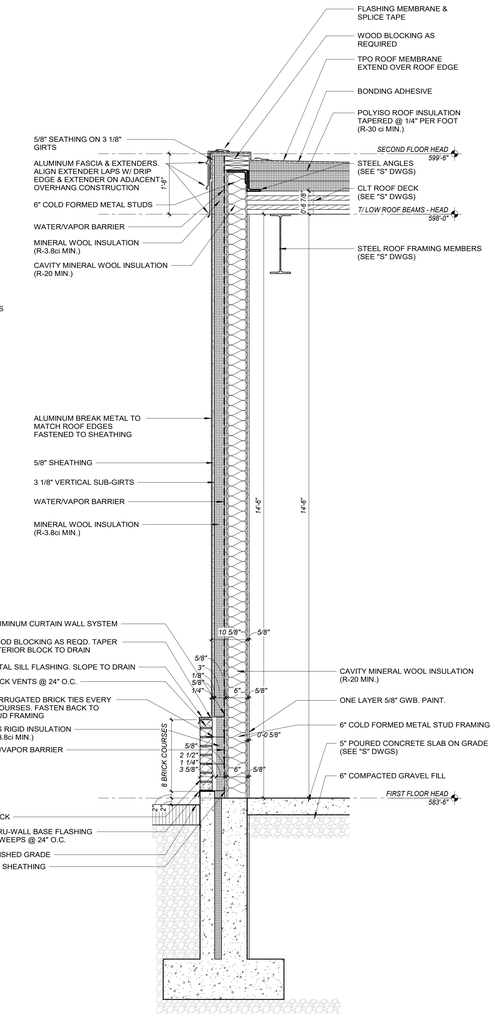
PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1 1/2" = 1'-0"

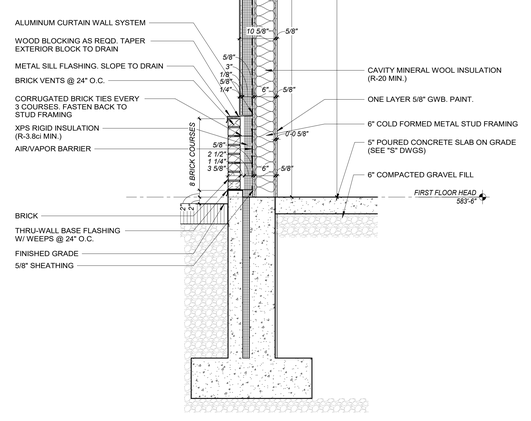
A-403











1 LINK - CROSS SECTION
SCALE: 3/4" = 1'-0"

2 LINK - TYPICAL WALL SECTION @ CURTAIN WALL
SCALE: 3/4" = 1'-0"

3 LINK - TYPICAL WALL SECTION @ BREAK METAL
SCALE: 3/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT MATTHEW E. KREPS 039779 STATE OF NEW YORK

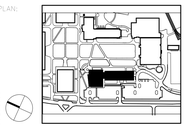
EXPIRATION DATE: 05-31-2028

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NO.	DATE	COMMENTS
1	9/23/25	REBID & CONSTRUCTION

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KEY PLAN:



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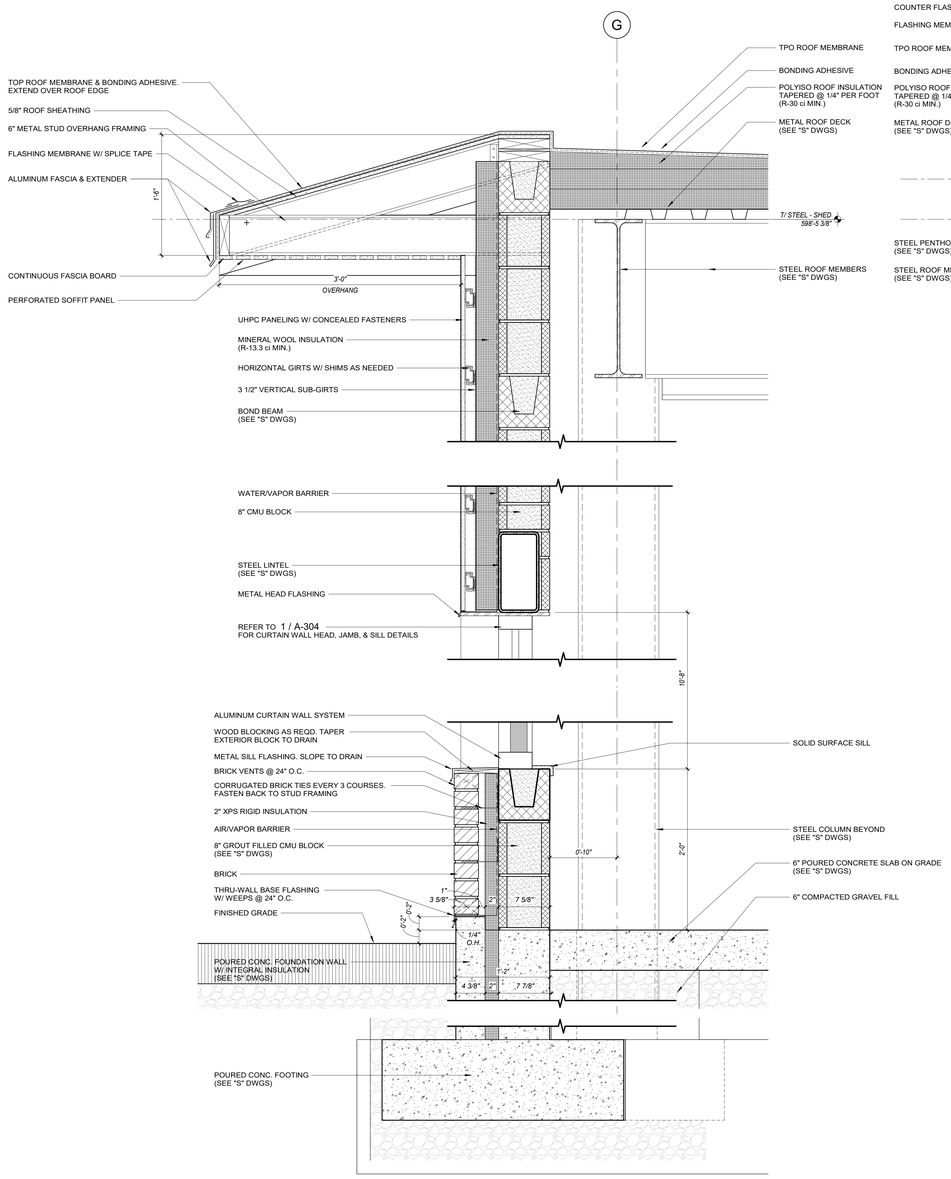
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

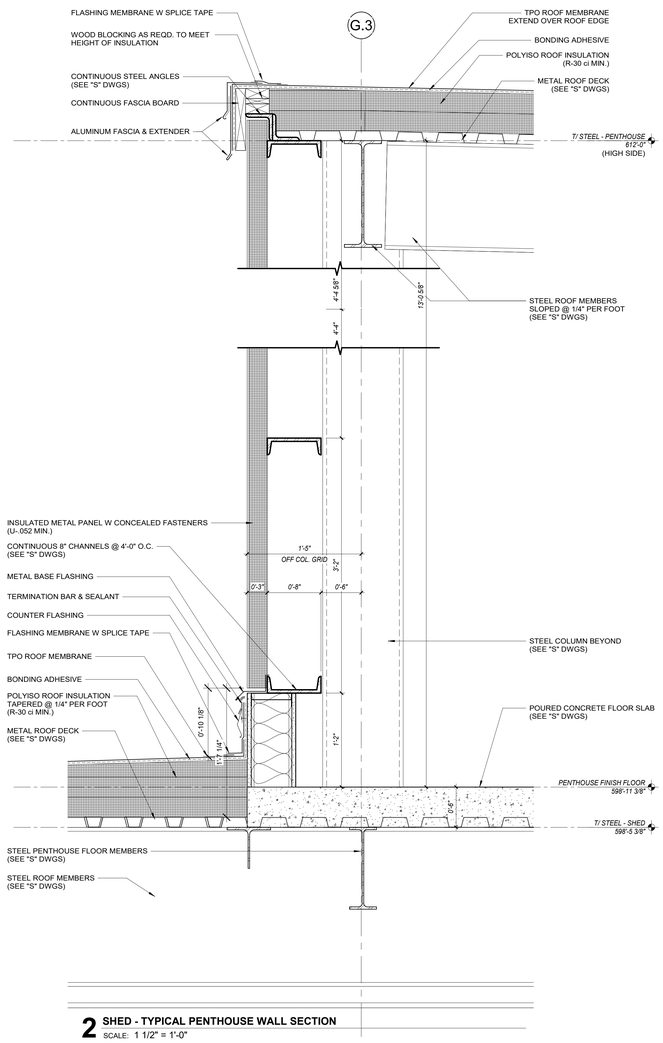
LINK – WALL SECTIONS

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: 3/4" = 1'-0"

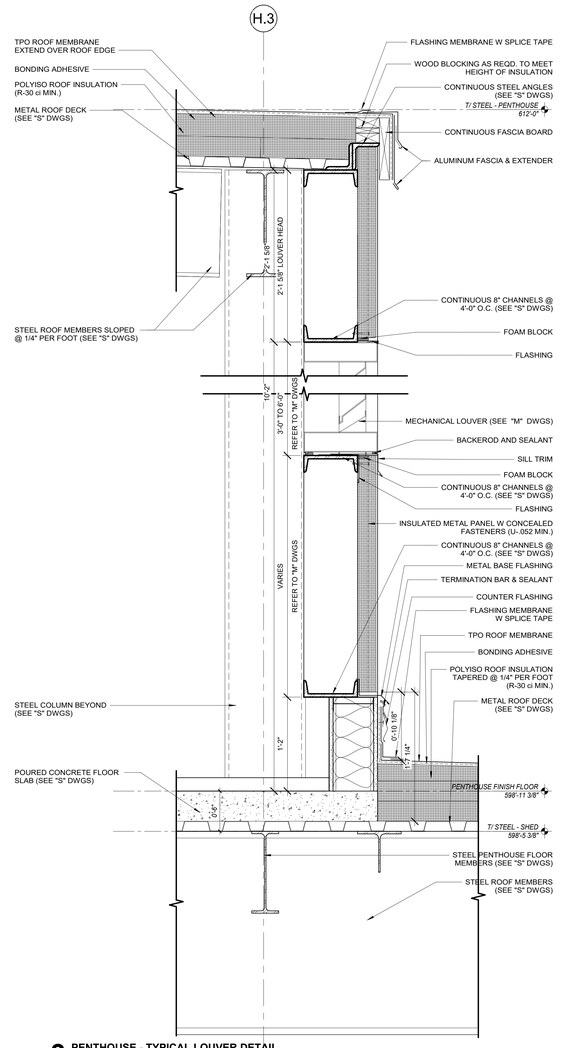
A-404



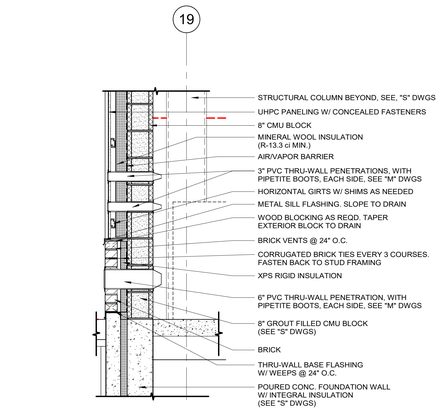
1 SHED - TYPICAL WALL SECTION
SCALE: 1 1/2" = 1'-0"



2 SHED - TYPICAL PENTHOUSE WALL SECTION
SCALE: 1 1/2" = 1'-0"



3 PENTHOUSE - TYPICAL LOUVER DETAIL
SCALE: 1 1/2" = 1'-0"



4 SHED - TYPICAL THRU WALL PENETRATIONS
SCALE: 3/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
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1721 Black River Blvd, Suite L-1
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Utica, NY 13501
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Appel Osborne Landscape Architecture
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REGISTERED ARCHITECT MATTHEW E. KEEFE 039779 STATE OF NEW YORK

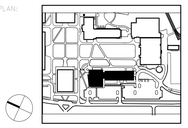
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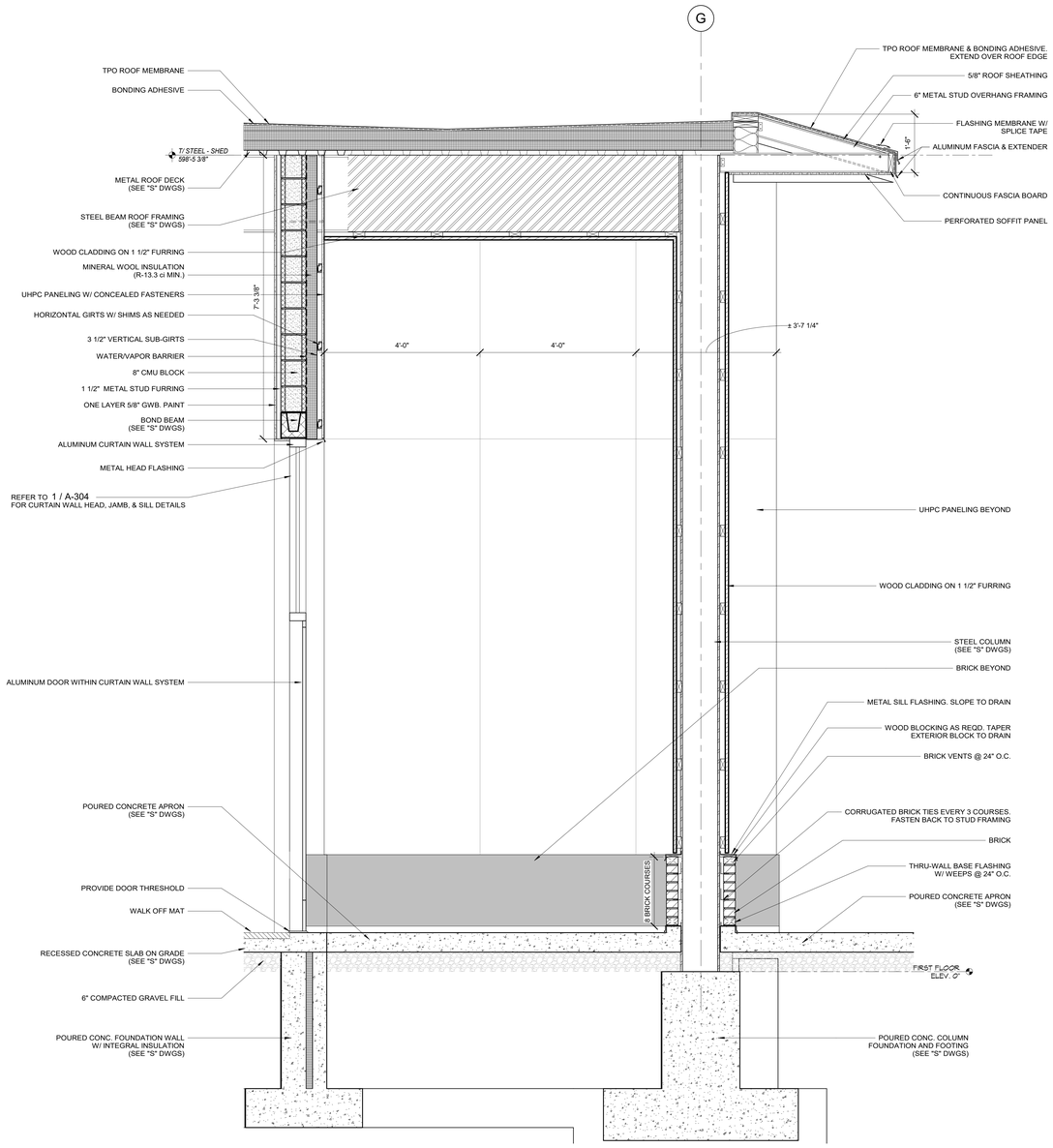


PROJECT:
SCIENCE & TECHNOLOGY BUILDING

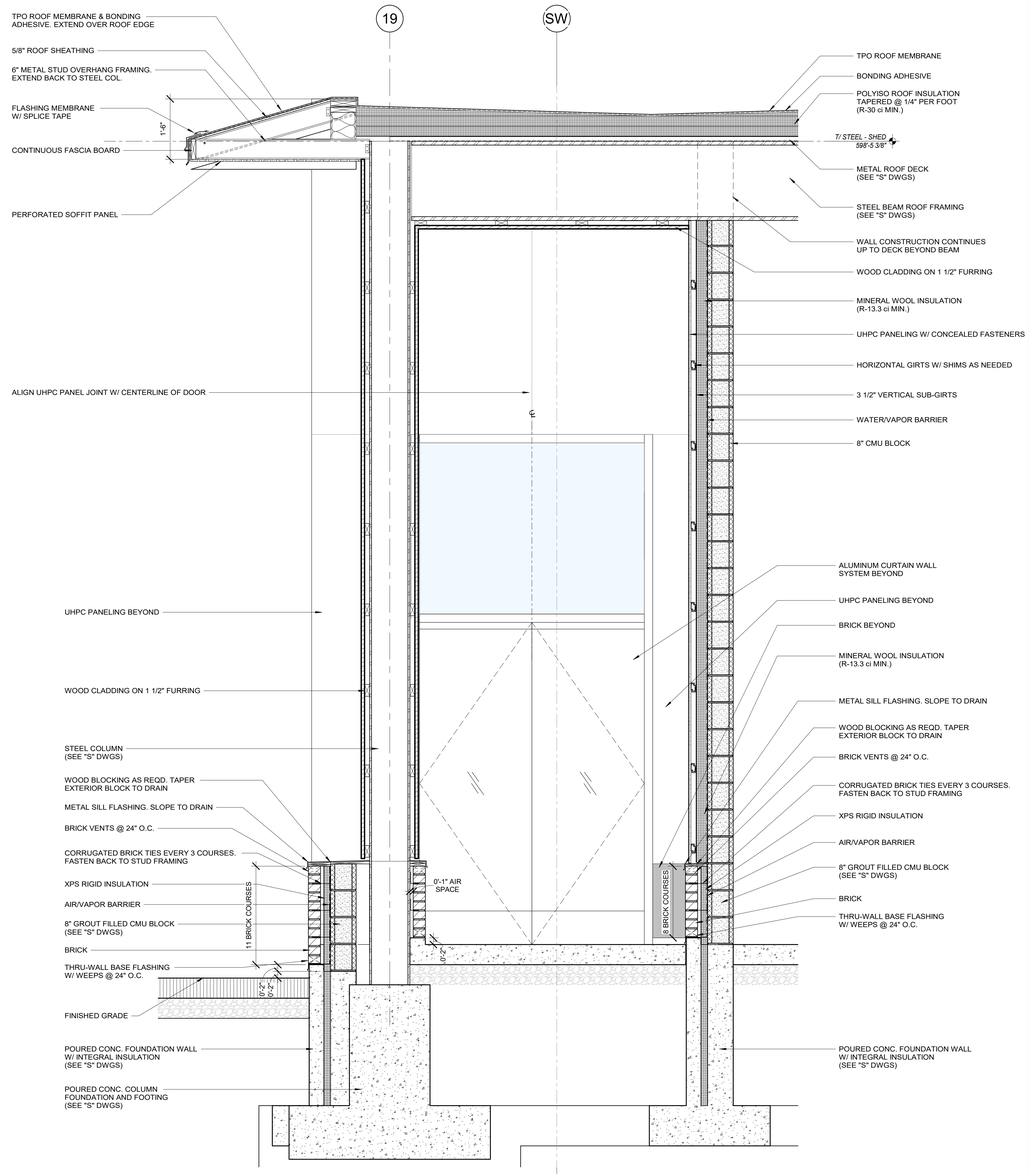
DRAWING TITLE:
SHED – WALL SECTIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

A-405



1 SHED - ALCOVE LONGITUDINAL SECTION
SCALE: 3/4" = 1'-0"



2 SHED - ALCOVE CROSS SECTION
SCALE: 3/4" = 1'-0"

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MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

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18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT
MATTHEW E. FREED
039779
STATE OF NEW YORK

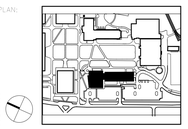
EXPIRATION DATE: 05-31-2028

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KEY PLAN:



PLAN NORTH

PROJECT:

SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

SHED – WALL SECTIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 3/4" = 1'-0"

A-406

ELEVATOR DESIGN BASIS & COMPLIANCE

DESIGN BASIS

SCHINDLER 3100 LOW-RISE MRL ELEVATOR
GENERAL PURPOSE PASSENGER, 2100 LBS CAPACITY, 100 FPM, 5' 9-5/16" W X 4' 4-7/8" D X 7' 9" H CAB, 7' 6" W X 5' 9" D HOISTWAY, TWO SPEED LEFT HAND SIDE OPENING DOOR

COMPLIANCE

NYS BC 3001.2 - ELEVATOR SHALL COMPLY WITH TWO-WAY COMMUNICATION SYSTEM REQUIREMENT

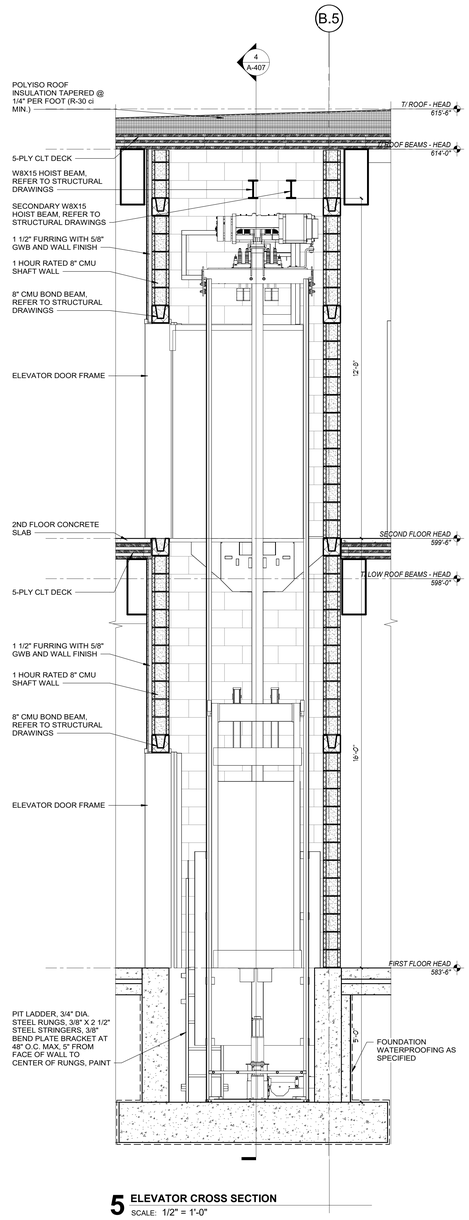
NYS BC 3001.3 - ELEVATOR SHALL COMPLY WITH REFERENCED STANDARDS (ASME A17.1/CSA B44)

NYS BC 3002.1 - ELEVATOR SHALL COMPLY WITH HOISTWAY ENCLOSURE PROTECTION

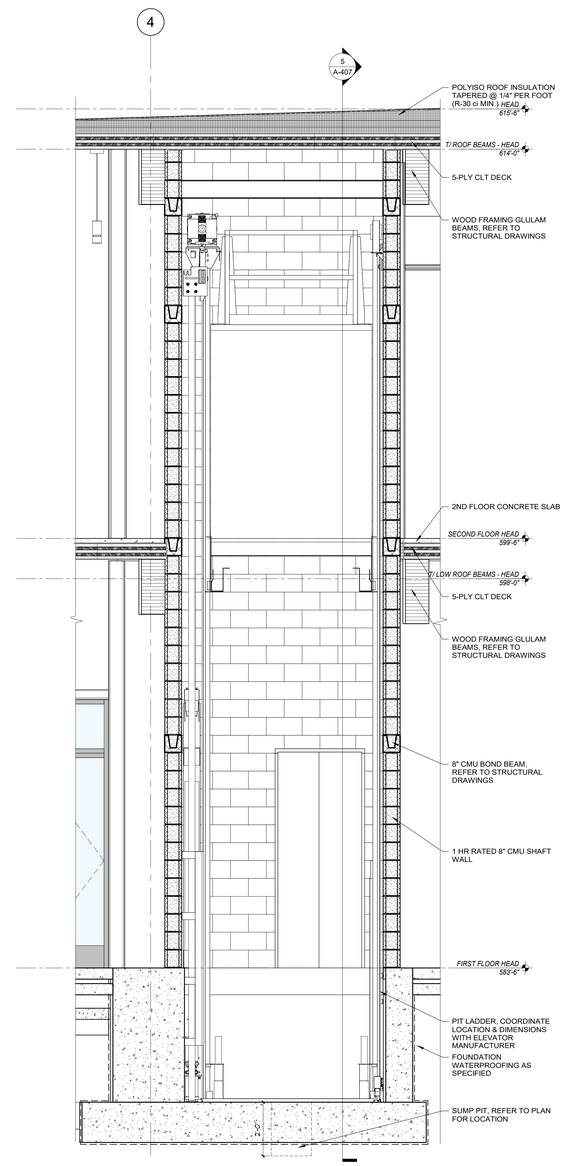
NYS BC 3003.1 - ELEVATOR IS NOT REQUIRED OR FURNISHED WITH STANDBY POWER
3003.2 / 3003.3 - ELEVATOR SHALL COMPLY WITH PHASE I AND PHASE II EMERGENCY OPERATION AND WITH STANDARDIZED FIRE SERVICE ELEVATOR KEYS.

NYS ECCC C405.8.1 - ELEVATOR CABS

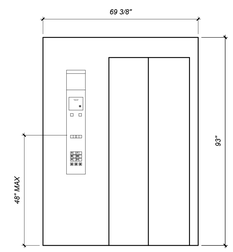
1. LIGHTING: THE SUM OF THE LUMENS DIVIDED BY THE SUM OF THE WATTS SHALL NOT BE LESS THAN 35 LUMENS PER WATT.
2. VENTILATION FANS: SHALL NOT CONSUME MORE THAN 0.33 WATTS/CFM AT THE MAXIMUM RATED SPEED OF THE FAN.
3. CONTROLS: SHALL DE-ENERGIZE VENTILATION FANS AND LIGHTING SYSTEMS WHEN THE ELEVATOR IS STOPPED, UNOCCUPIED AND WITH ITS DOORS CLOSED FOR OVER 15 MINUTES.



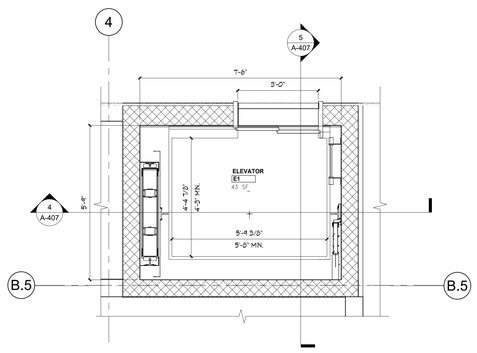
5 ELEVATOR CROSS SECTION
SCALE: 1/2" = 1'-0"



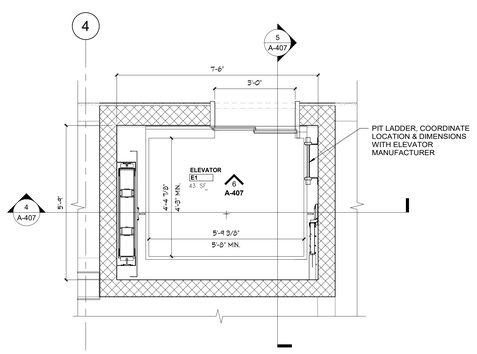
4 ELEVATOR TRANSVERSE SECTION
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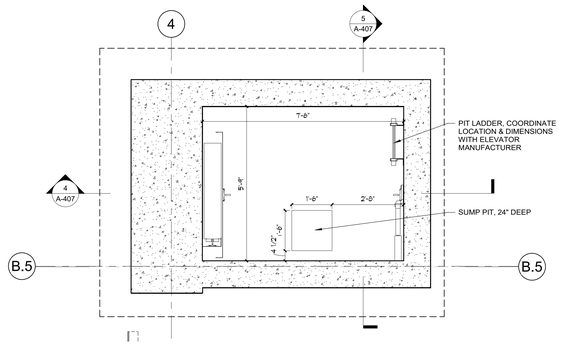
6 ELEVATOR FIXTURE ELEVATION
SCALE: 1/2" = 1'-0"



3 SECOND FLOOR ELEVATOR
SCALE: 1/2" = 1'-0"



2 FIRST FLOOR ELEVATOR
SCALE: 1/2" = 1'-0"



1 PIT FLOOR PLAN ELEVATOR
SCALE: 1/2" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT MATTHEW E. KEEFE 039779 STATE OF NEW YORK

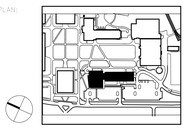
EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:

NO	DATE	COMMENTS
	9/23/25	REBID & CONSTRUCTION

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KEY PLAN:



PROJECT:

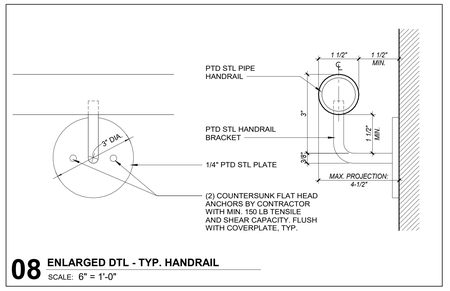
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

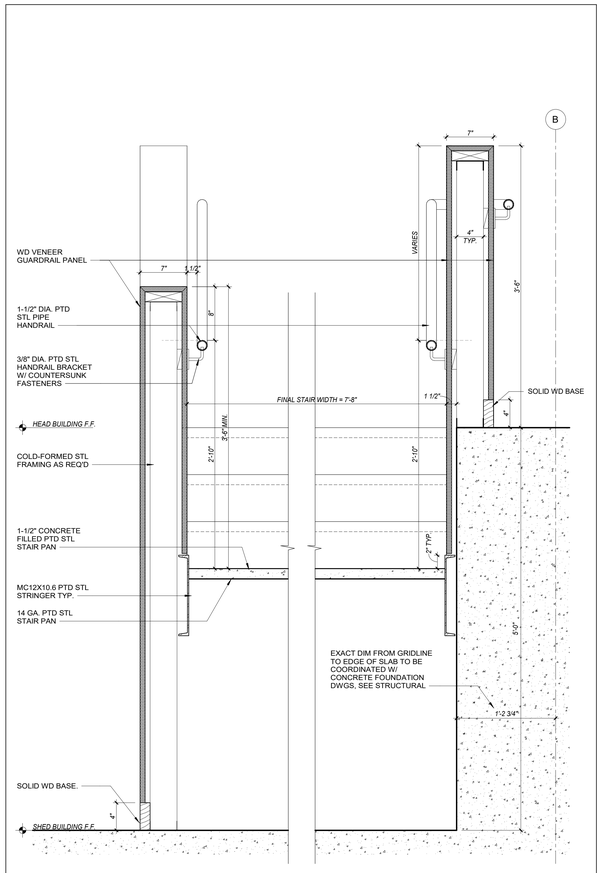
ELEVATOR PLAN AND SECTIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

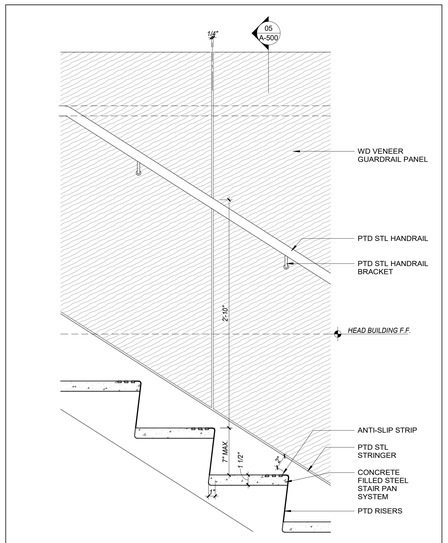
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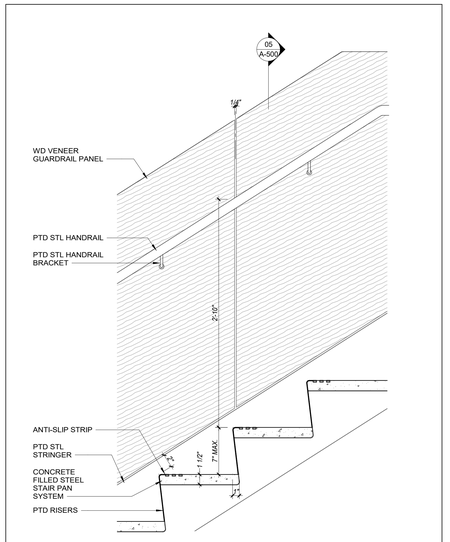
08 ENLARGED DTL - TYP. HANDRAIL
SCALE: 6" = 1'-0"



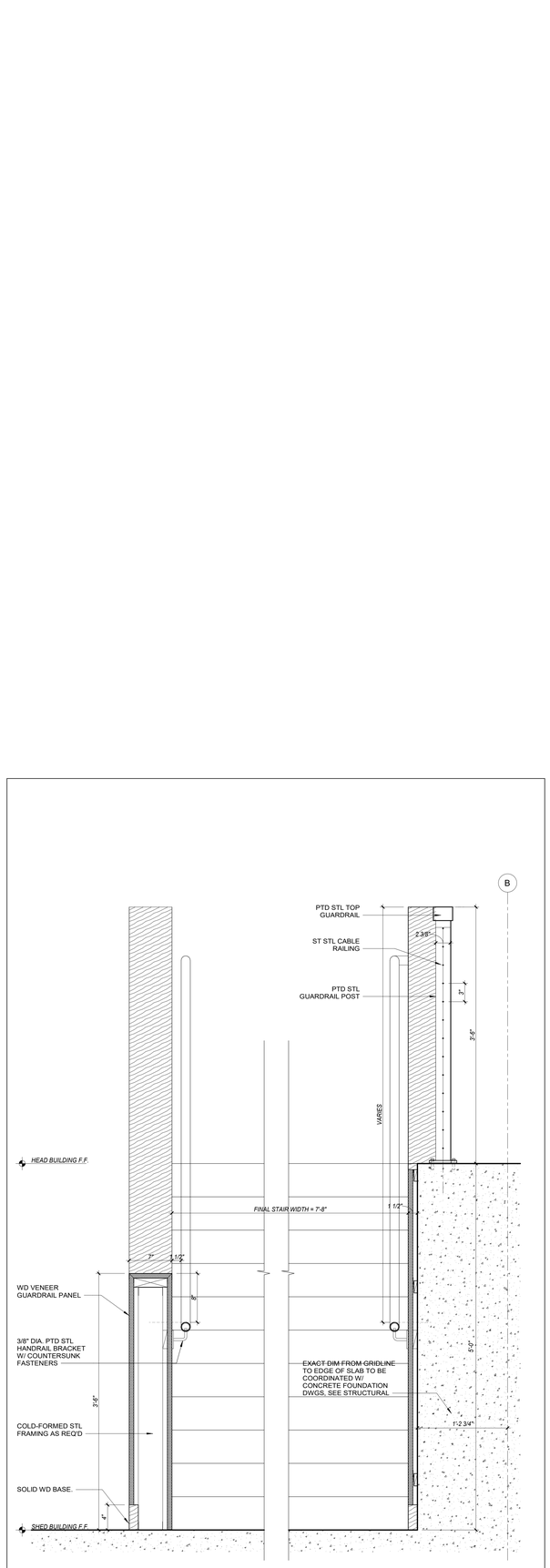
05 CONNECTOR STAIR - SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



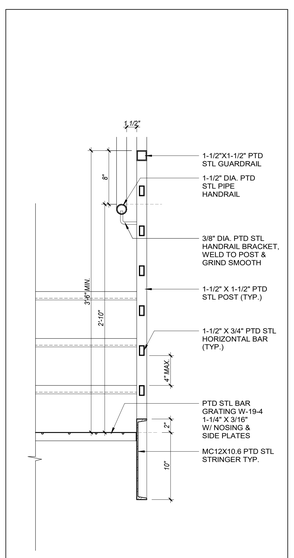
07 CONNECTOR STAIR - SECTION - EAST
SCALE: 1 1/2" = 1'-0"



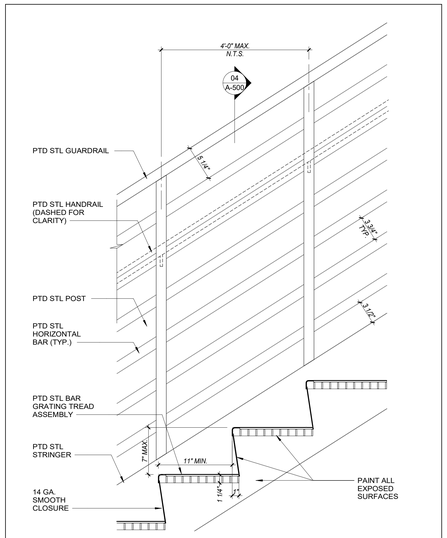
06 CONNECTOR STAIR - SECTION - WEST
SCALE: 1 1/2" = 1'-0"



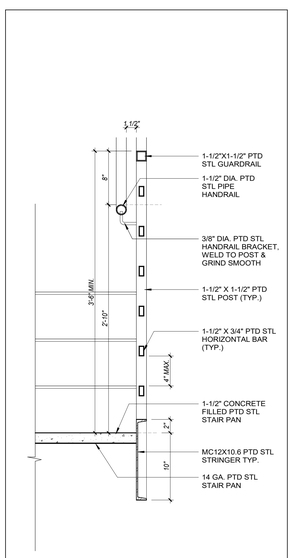
09 CONNECTOR STAIR - SECTION DETAIL AT GUARDRAIL
SCALE: 1 1/2" = 1'-0"



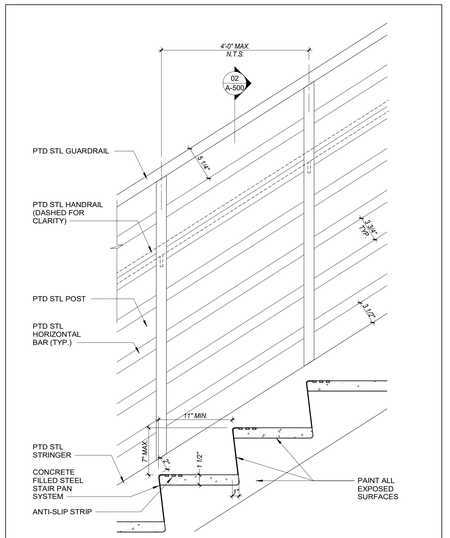
04 STAIR B - SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



03 STAIR B - TYP. SECTION
SCALE: 1 1/2" = 1'-0"



02 STAIR A - SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



01 STAIR A - TYP. SECTION
SCALE: 1 1/2" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
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Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

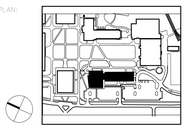
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

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1	9-23-25	REBID & CONSTRUCTION

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KEY PLAN:



PLAN NORTH

PROJECT:

SCIENCE & TECHNOLOGY BUILDING

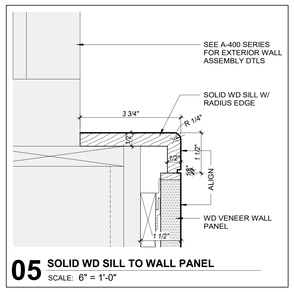
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STAIR SECTIONS

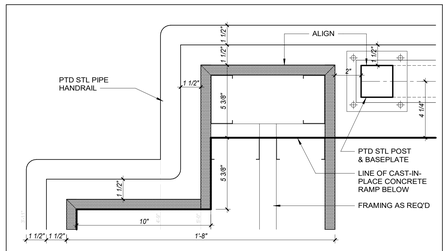
PROJECT NO: 23000 | DATE: 9/23/2025

PHASE: REBID & CONSTRUCTION | SCALE: As indicated

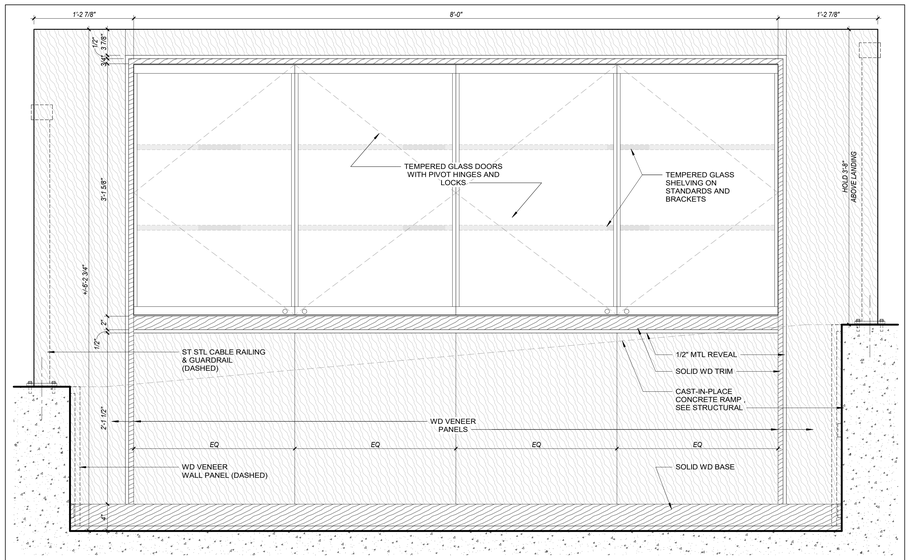
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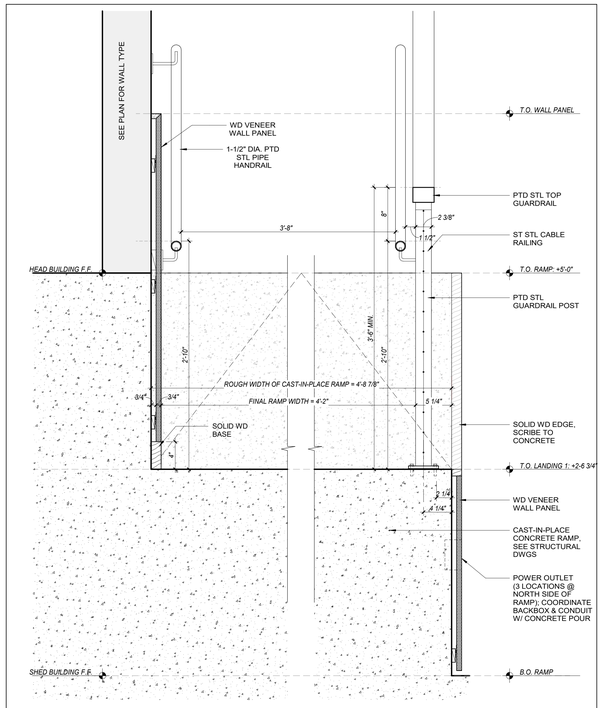
05 SOLID WD SILL TO WALL PANEL
SCALE: 6" = 1'-0"



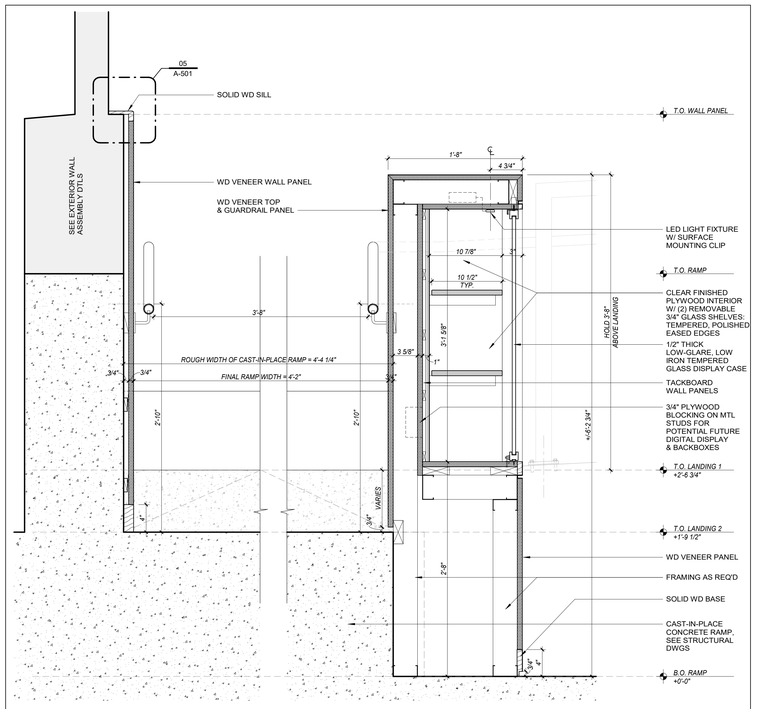
04 ENLARGED PLAN DETAIL - CONNECTOR RAMP
SCALE: 3" = 1'-0"



03 ENLARGED ELEVATION - DISPLAY CASE AT CONNECTOR RAMP
SCALE: 1 1/2" = 1'-0"



02 DETAIL - NORTH SECTION OF RAMP (SOUTH SIM.)
SCALE: 1 1/2" = 1'-0"



01 DETAIL - WEST SECTION OF RAMP
SCALE: 1 1/2" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MA MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
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315 476 1022

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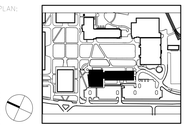
EXPIRATION DATE: 05-31-2026

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PLAN NORTH

PROJECT:

SCIENCE & TECHNOLOGY BUILDING

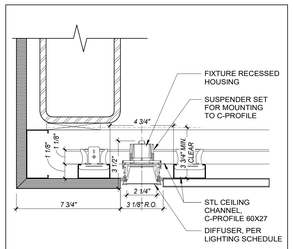
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CONNECTOR RAMP SECTIONS

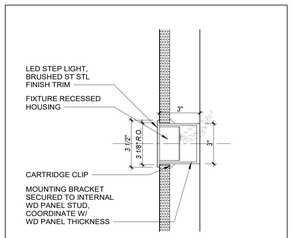
PROJECT NO: 23000 | DATE: 9/23/2025

PHASE: REBID & CONSTRUCTION | SCALE: As Indicated

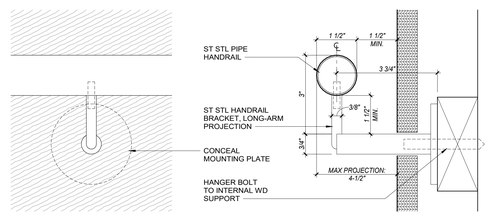
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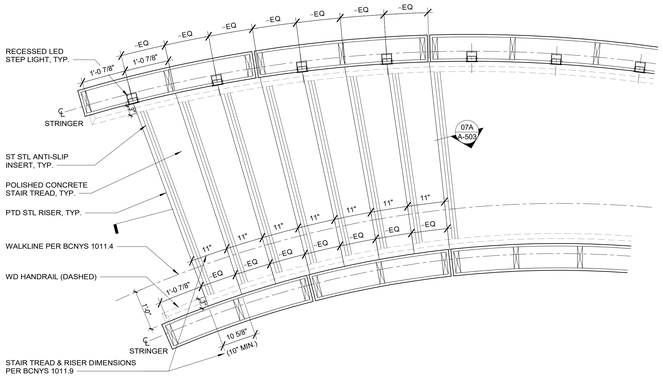
11 ENLARGED DTL - STAIR LIGHTING 1
SCALE: 3" = 1'-0"



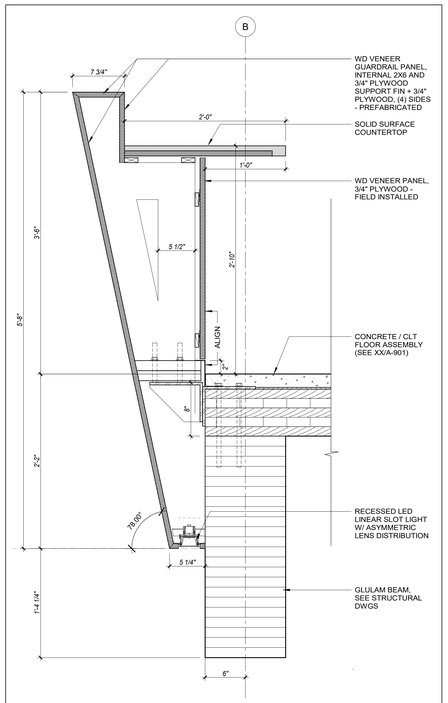
10 ENLARGED DTL - STAIR LIGHTING 2
SCALE: 3" = 1'-0"



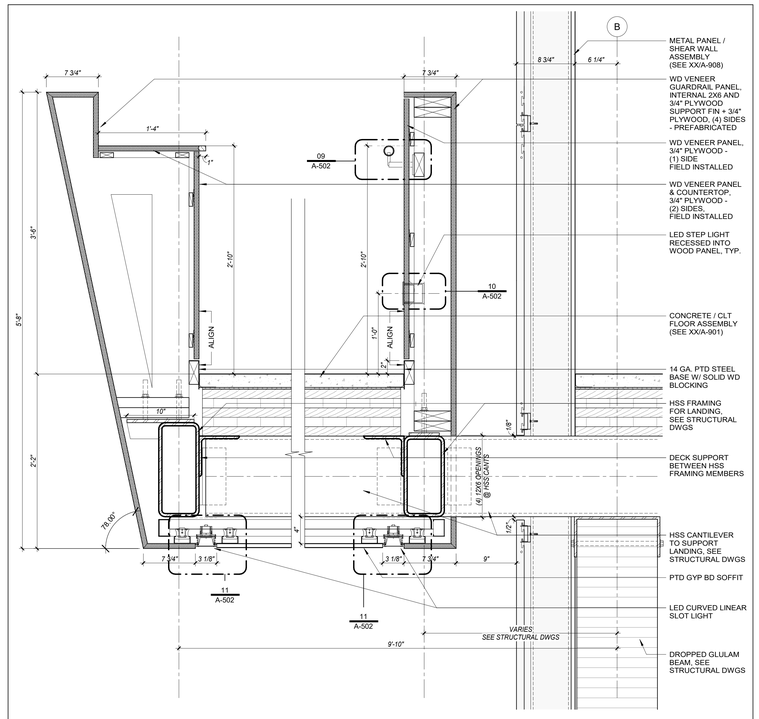
09 ENLARGED DTL - LOBBY STAIR HANDRAIL
SCALE: 6" = 1'-0"



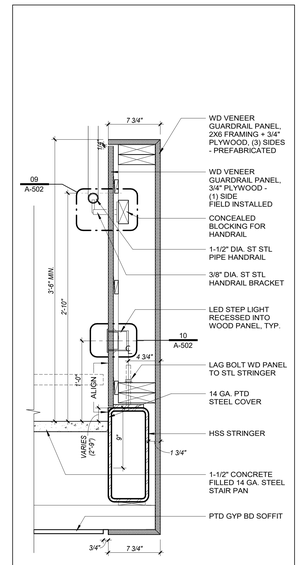
08 ENLARGED STAIR TREAD PLAN
SCALE: 3/4" = 1'-0"



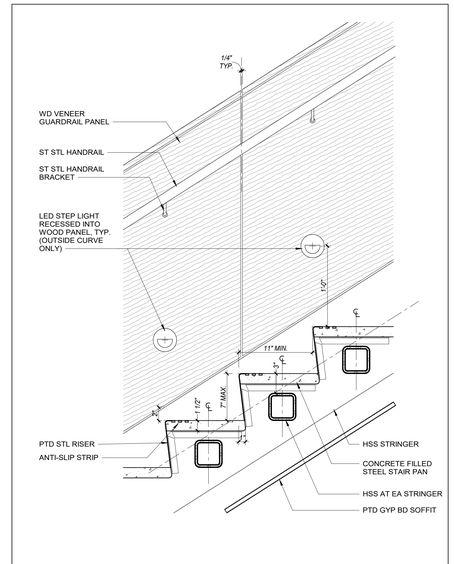
07 LOBBY STAIR - COUNTER SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



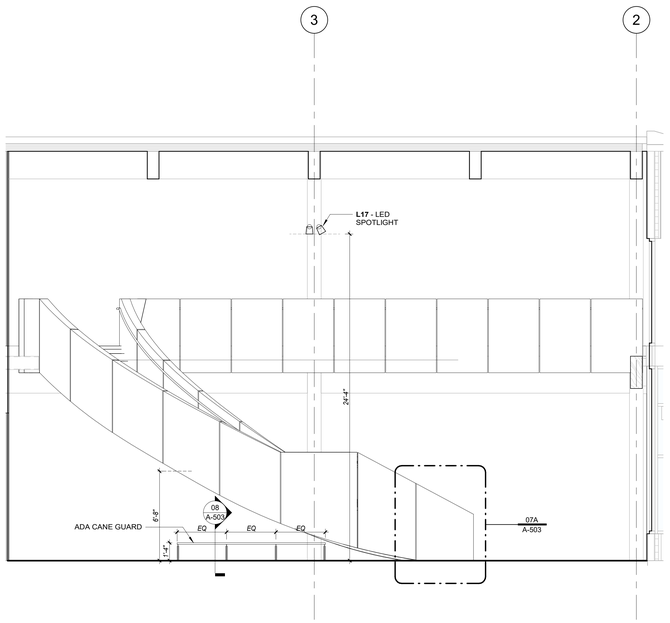
06 LOBBY STAIR - LANDING SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



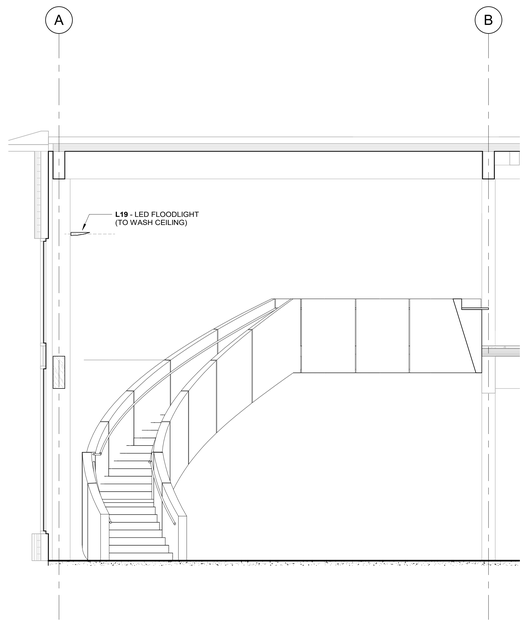
05 LOBBY STAIR - TYP. STAIR SECTION DETAIL
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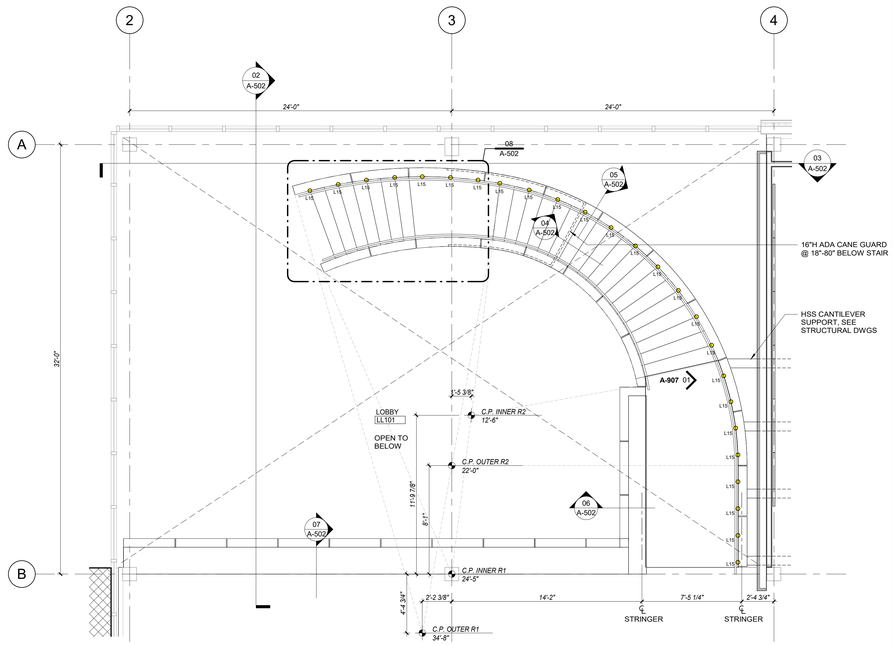
04 LOBBY STAIR - TYP. STAIR SECTION
SCALE: 1 1/2" = 1'-0"



03 LOBBY STAIR - EAST ELEVATION
SCALE: 1/4" = 1'-0"



02 LOBBY STAIR - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - LOBBY STAIR
SCALE: 1/4" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

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MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
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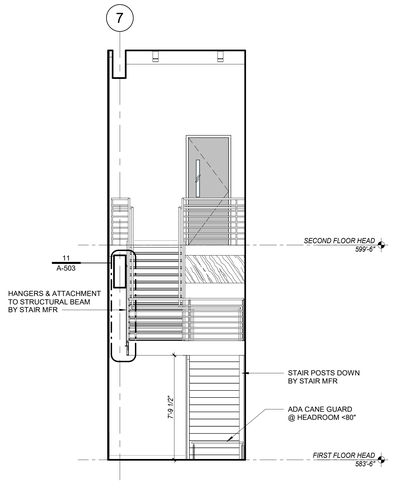
KEY PLAN:
PLAN NORTH

PROJECT:
SCIENCE & TECHNOLOGY BUILDING

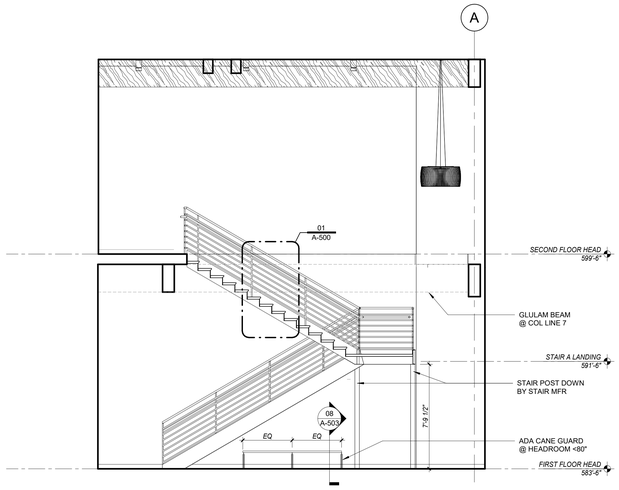
DRAWING TITLE:
LOBBY STAIR ENLARGED PLAN & SECTIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

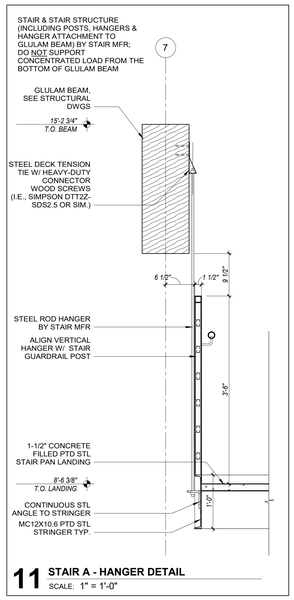
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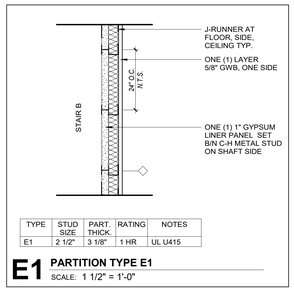
10 STAIR A SECTION 2
SCALE: 1/4" = 1'-0"



09 STAIR A SECTION
SCALE: 1/4" = 1'-0"

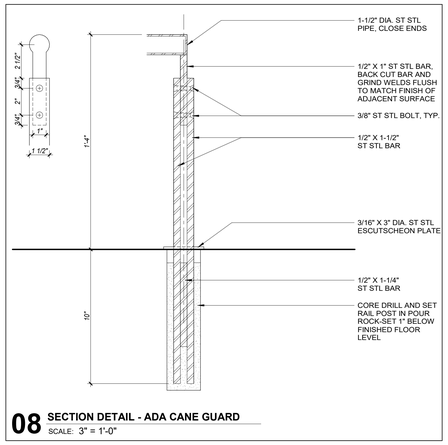


11 STAIR A - HANGER DETAIL
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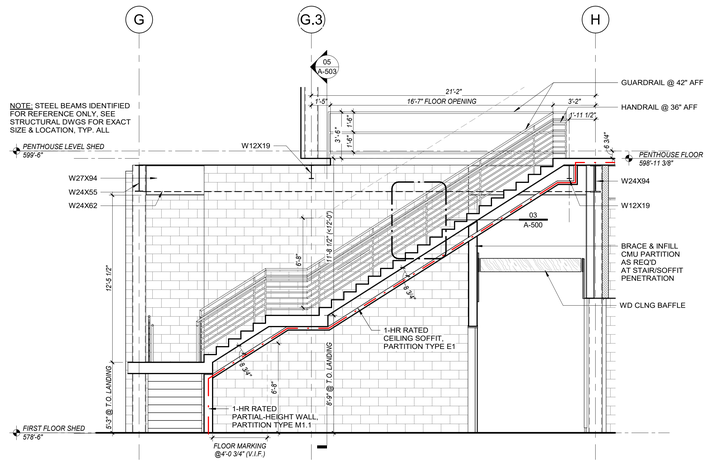


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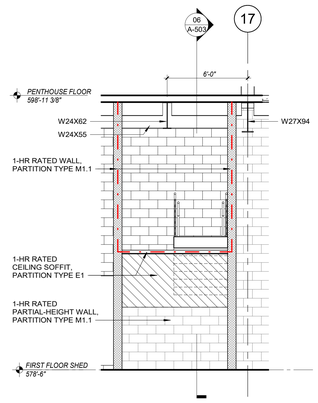
E1 PARTITION TYPE E1
SCALE: 1 1/2" = 1'-0"



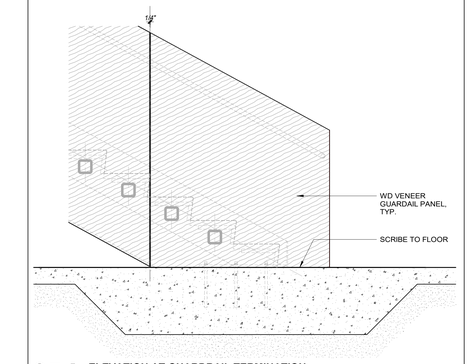
08 SECTION DETAIL - ADA CANE GUARD
SCALE: 3" = 1'-0"



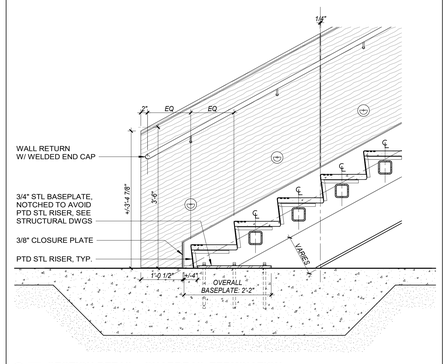
06 STAIR B COORDINATION SECTION
SCALE: 1/4" = 1'-0"



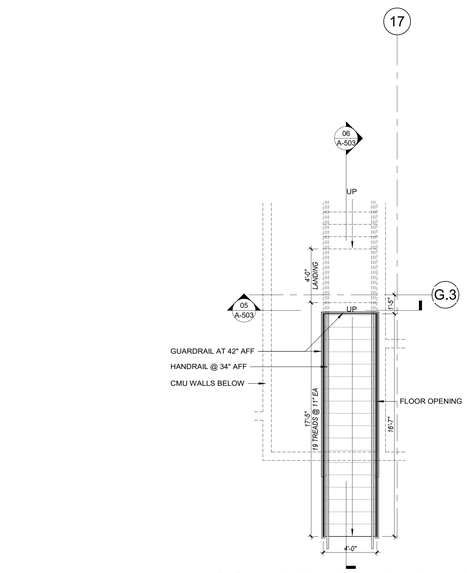
05 STAIR B COORDINATION SECTION 2
SCALE: 1/4" = 1'-0"



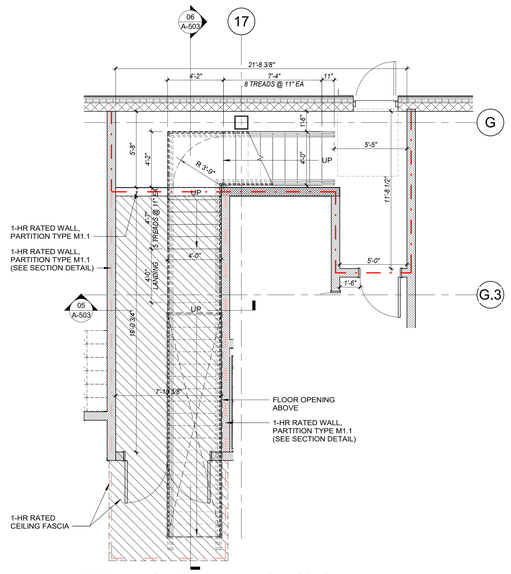
07A ELEVATION AT GUARDRAIL TERMINATION
SCALE: 3/4" = 1'-0"



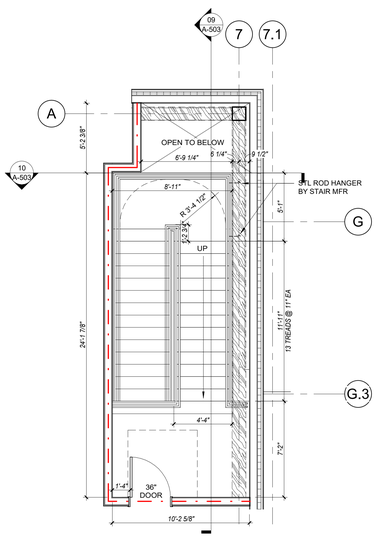
07 SECTION DETAIL - GUARDRAIL TERMINATION
SCALE: 3/4" = 1'-0"



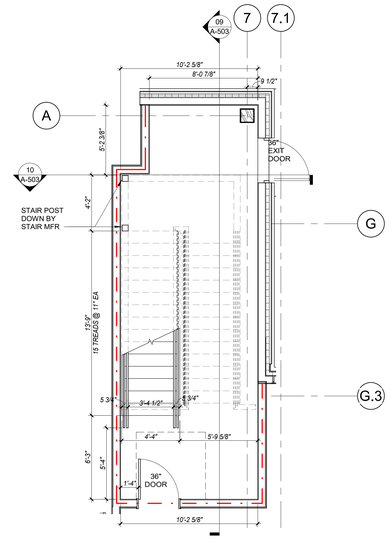
04 ENLARGED STAIR PLAN - PENTHOUSE SHED
SCALE: 1/4" = 1'-0"



03 ENLARGED STAIR PLAN - FIRST FLOOR SHED
SCALE: 1/4" = 1'-0"



02 ENLARGED STAIR PLAN - SECOND FLOOR HEAD
SCALE: 1/4" = 1'-0"



01 ENLARGED STAIR PLAN - FIRST FLOOR HEAD
SCALE: 1/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:
REGISTERED ARCHITECT JAMES R. BRADDOCK 015887 STATE OF NEW YORK
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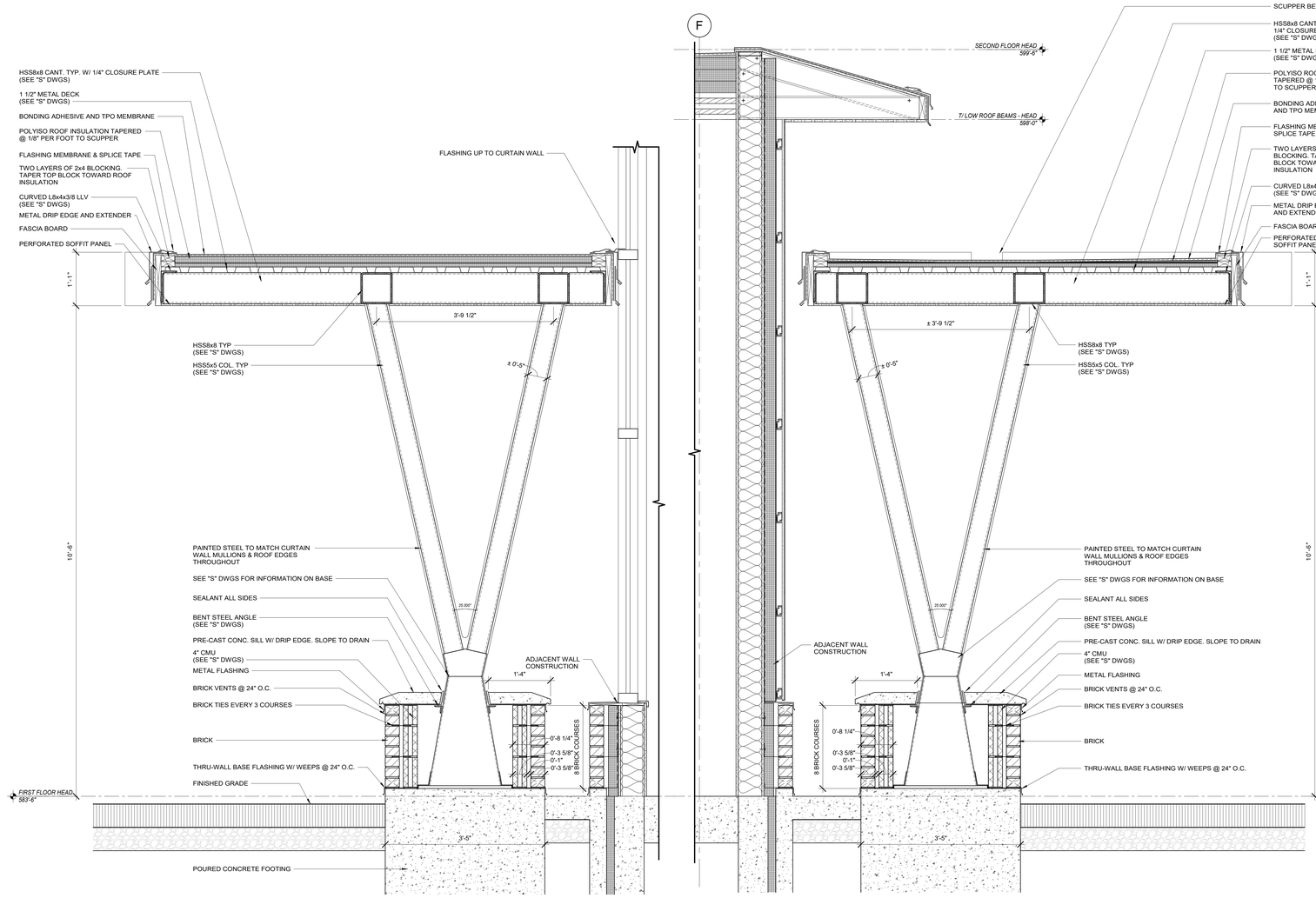
KEY PLAN:
PLAN NORTH

PROJECT T:
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:
ENLARGED STAIR PLANS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

A-503

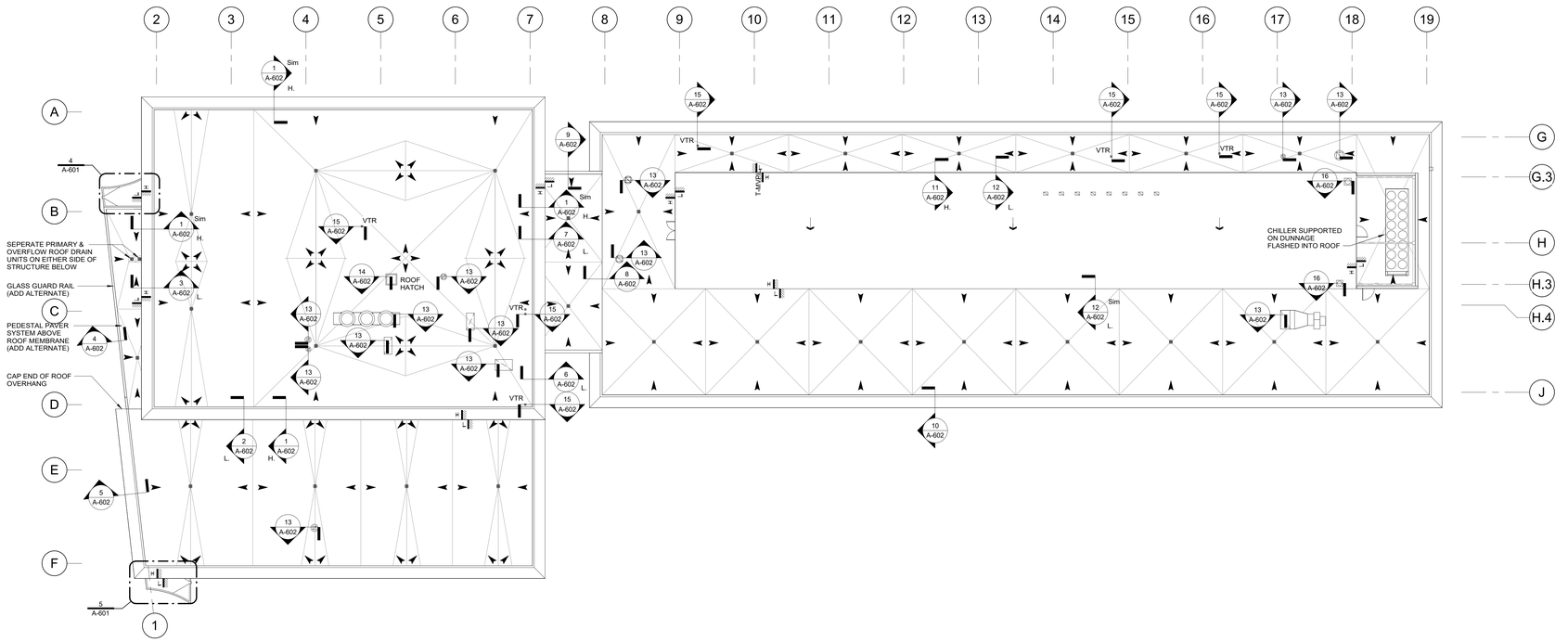


2 CANOPY CROSS SECTION
SCALE: 1" = 1'-0"

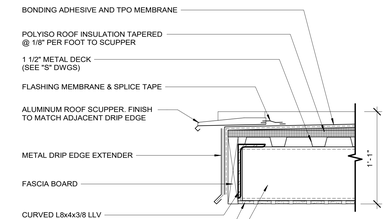
3 CANOPY CROSS SECTION
SCALE: 1" = 1'-0"

4 CANOPY PLAN
SCALE: 1/2" = 1'-0"

5 CANOPY PLAN
SCALE: 1/2" = 1'-0"



1 OVERALL ROOF PLAN
SCALE: 1/16" = 1'-0"



6 CANOPY SCUPPER ROOF DETAIL
SCALE: 1 1/2" = 1'-0"

ROOF LEGEND

- INDICATES DIRECTION OF SLOPE OF TAPERED ROOF INSULATION (1/4" PER FOOT)
- INDICATES DIRECTION OF SLOPED ROOF DECK
- INDICATES MECHANICAL UNIT (SEE "M" DWGS)
- INDICATES COMBINED PRIMARY & OVERFLOW ROOF DRAIN (SEE "P" DWGS)
- VTR - INDICATES VENT THROUGH ROOF (SEE "P" DWGS)

GENERAL ROOF NOTES

TYPICAL ROOF CONSTRUCTION AS FOLLOWS REFER TO SPECIFICATION SECTION 07 54 23 FOR ADDITIONAL INFORMATION:
- ROOF DECK (METAL OR WOOD)
- VAPOR BARRIER - ROOF CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR FOR CONTINUOUS CONNECTION TO WALL VAPOR BARRIER
- POLYISO INSULATION
- COVER BOARD
- TPO MEMBRANE

SEE PAGE A-602 FOR DETAIL OF ROOF OVERHANG WHICH DIFFER FROM TYPICAL ROOF CONSTRUCTION NOTED ABOVE.

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
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Rome, NY 13440
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18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:
REGISTERED ARCHITECT MATTHEW E. KREPS 039779 STATE OF NEW YORK
EXPIRATION DATE: 05-31-2028

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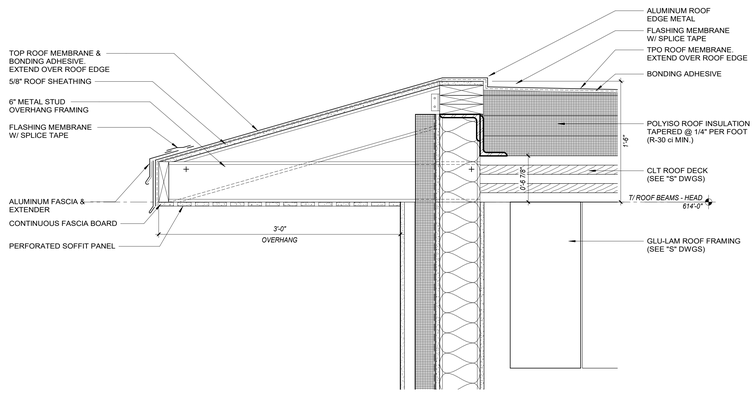
KEY PLAN:
PLAN NORTH

PROJECT:
SCIENCE & TECHNOLOGY BUILDING

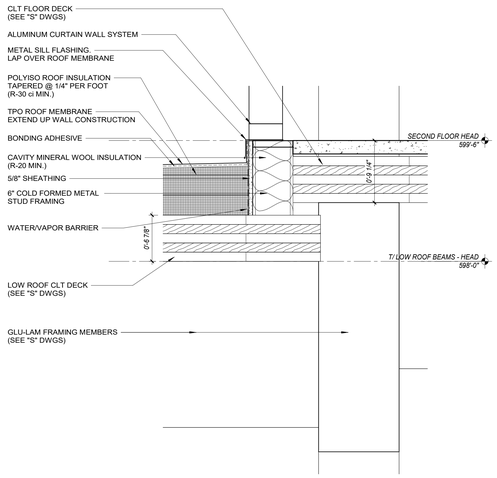
DRAWING TITLE:
ROOF PLAN & DETAILS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

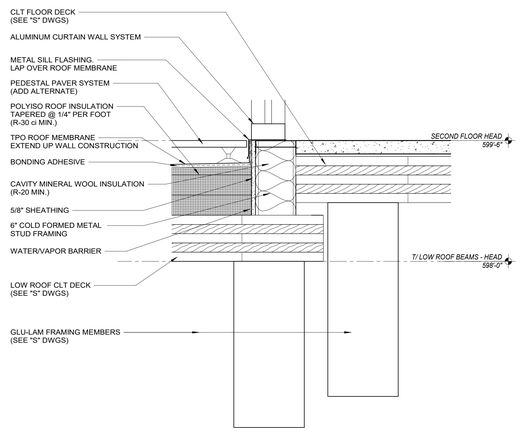
A-601



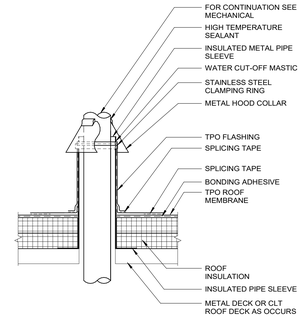
1 HEAD - TYPICAL ROOF EDGE
SCALE: 1 1/2" = 1'-0"



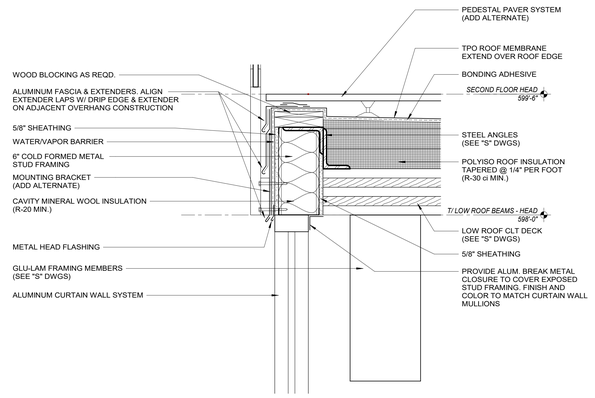
2 HEAD - LOW ROOF WALL FLASHING AT CURTAIN WALL
SCALE: 1 1/2" = 1'-0"



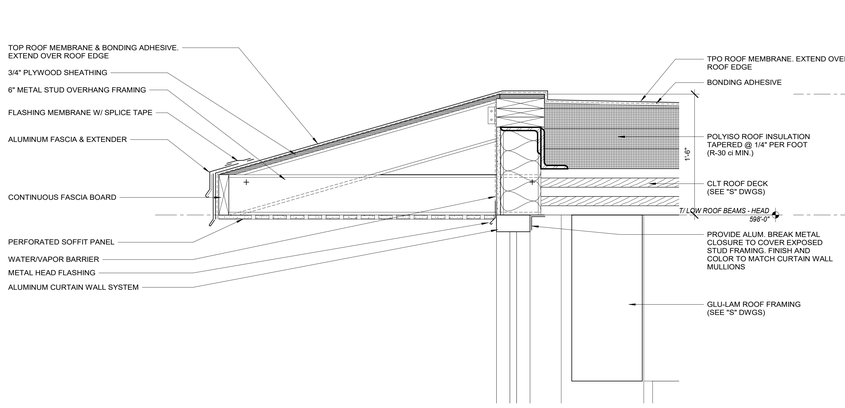
3 HEAD - TERRACE - LOW ROOF WALL FLASHING
SCALE: 1 1/2" = 1'-0"



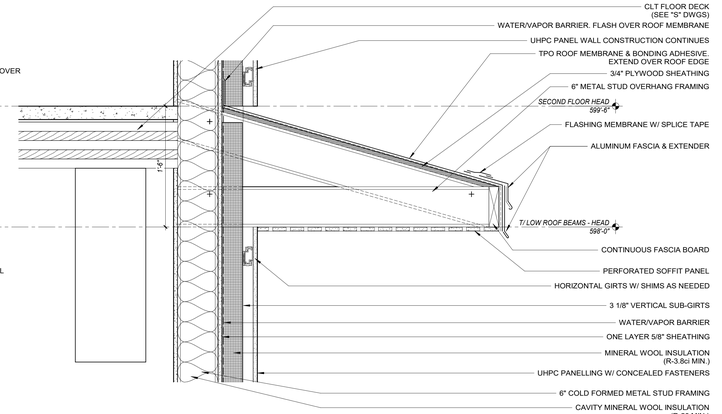
16 HOT STACK VENT DETAIL
SCALE: 1 1/2" = 1'-0"



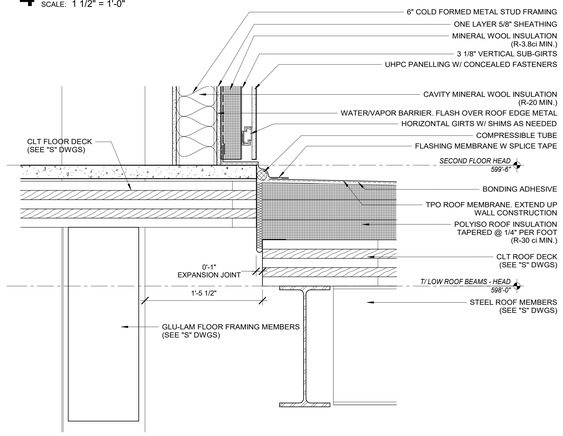
4 HEAD - TERRACE - LOW ROOF EDGE
SCALE: 1 1/2" = 1'-0"



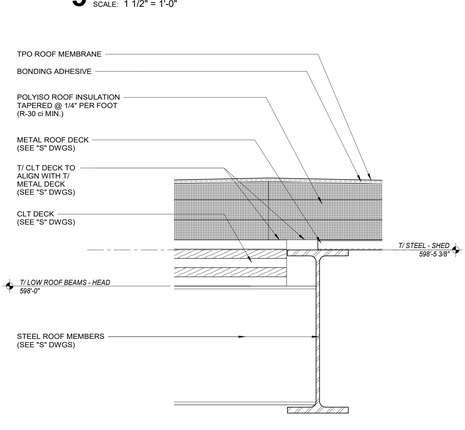
5 HEAD - LOW ROOF EDGE AT CURTAIN WALL
SCALE: 1 1/2" = 1'-0"



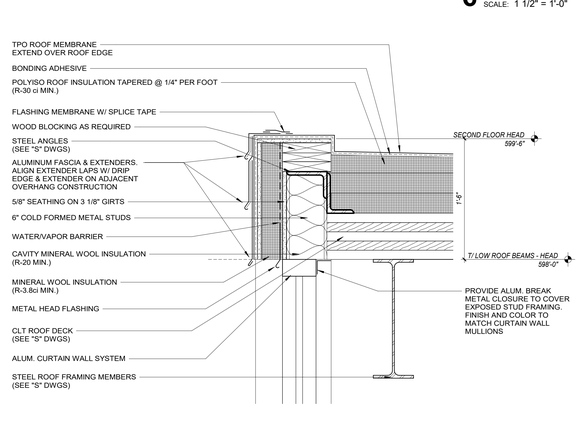
6 HEAD - LOW ROOF EDGE AT UHPC PANELLING
SCALE: 1 1/2" = 1'-0"



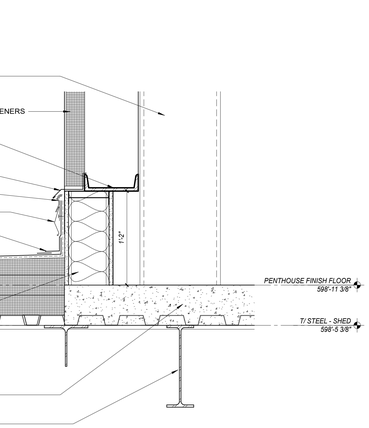
7 LINK - LOW ROOF WALL FLASHING TO HEAD BUILDING
SCALE: 1 1/2" = 1'-0"



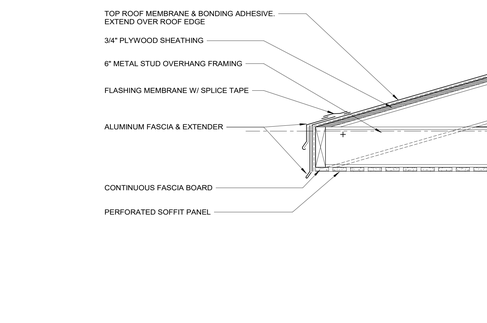
8 LINK - DECK TYPE TRANSITION
SCALE: 1 1/2" = 1'-0"



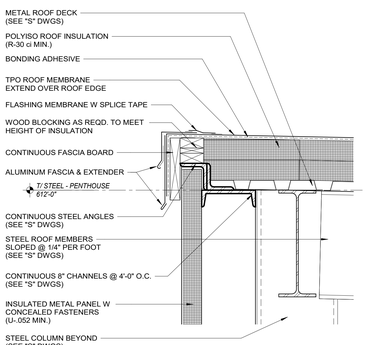
9 LINK - TYPICAL ROOF EDGE AT CURTAIN WALL
SCALE: 1 1/2" = 1'-0"



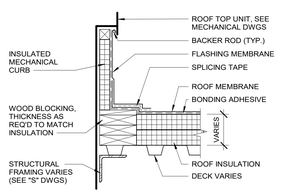
12 PENTHOUSE - LOW ROOF WALL FLASHING
SCALE: 1 1/2" = 1'-0"



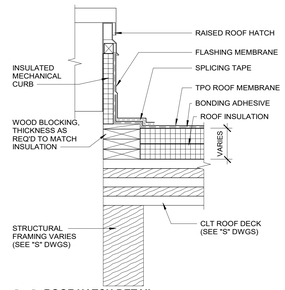
10 SHED - TYPICAL ROOF EDGE
SCALE: 1 1/2" = 1'-0"



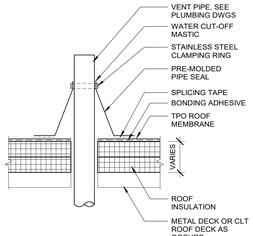
11 PENTHOUSE - TYPICAL ROOF EDGE - HIGH SIDE
SCALE: 1 1/2" = 1'-0"



13 TYP. MECH. CURB ROOF DETAIL
SCALE: 1 1/2" = 1'-0"



14 ROOF HATCH DETAIL
SCALE: 1 1/2" = 1'-0"



15 TYP. PIPE VENT DETAIL
SCALE: 1 1/2" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

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1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

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Towne Engineering
18 South Street
Utica, NY 13501
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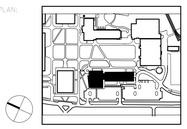
REGISTERED ARCHITECT MATTHEW E. KREPS 039779 STATE OF NEW YORK

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NO.	DATE	COMMENTS
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EXISTING CONDITIONS: CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PROJECT T:

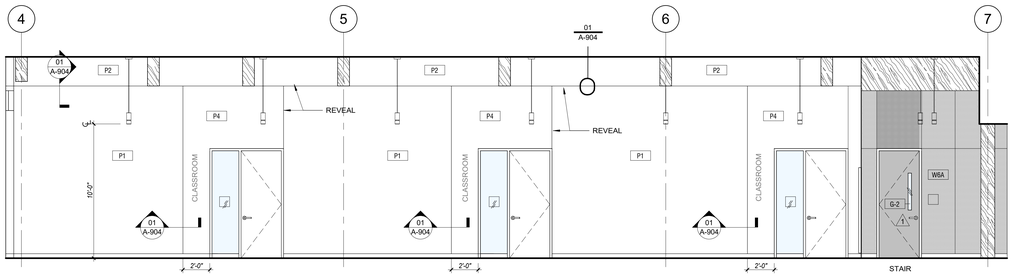
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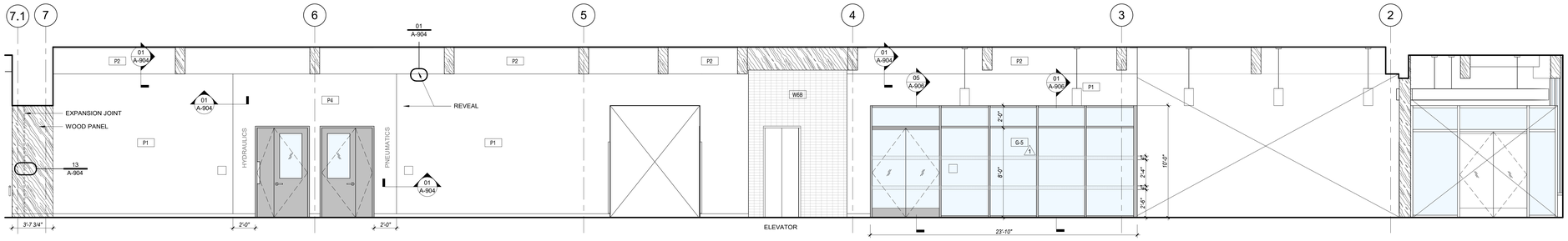
ROOF DETAILS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1 1/2" = 1'-0"

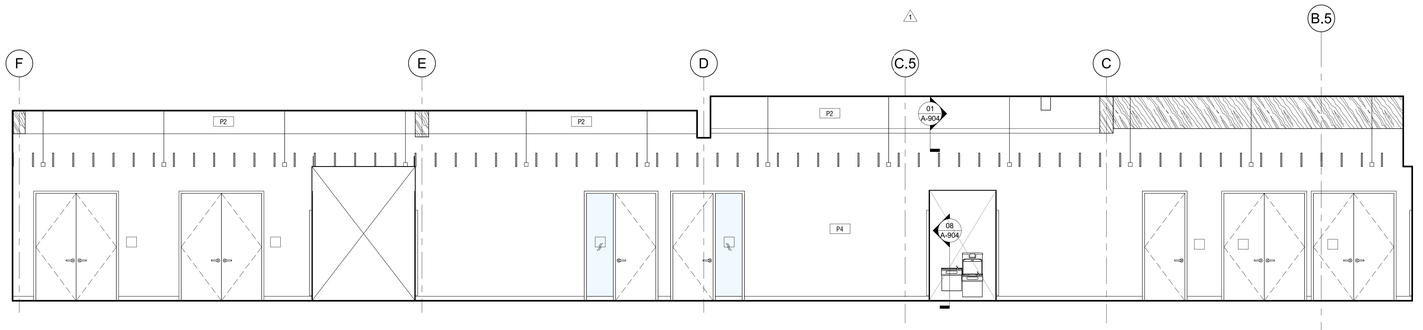
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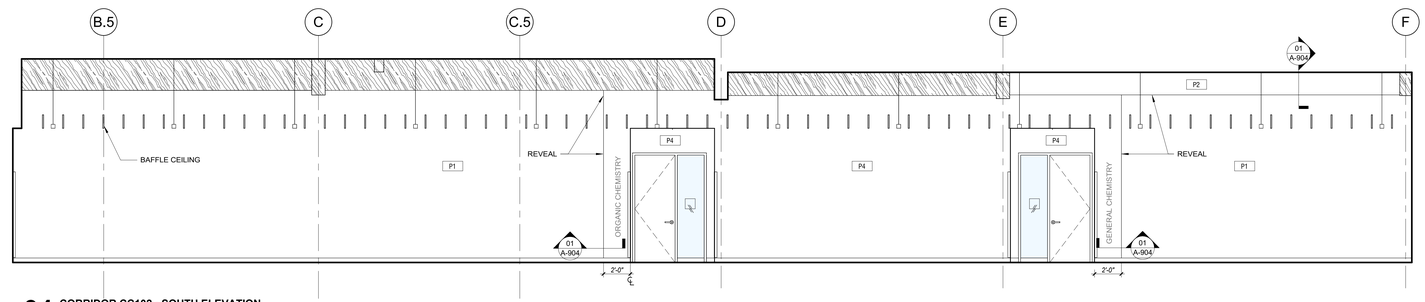
04 CORRIDOR CR100 - EAST ELEVATION
SCALE: 1/4" = 1'-0"



03 CORRIDOR CR100 - WEST ELEVATION
SCALE: 1/4" = 1'-0"



02 CORRIDOR CC102 - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



01 CORRIDOR CC102 - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
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Mitchell Giurgola

Mitchell Giurgola Architects LLP
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315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

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KEY PLAN:

PLAN NORTH

PROJECT:

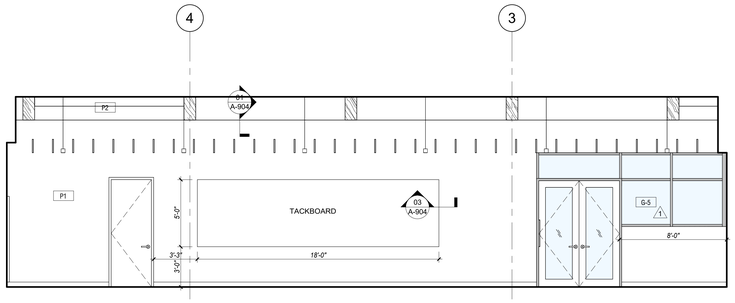
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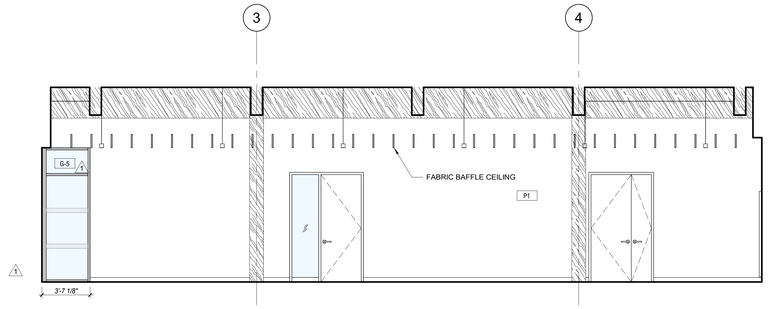
HEAD – CORRIDOR ELEVATIONS

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: 1/4" = 1'-0"

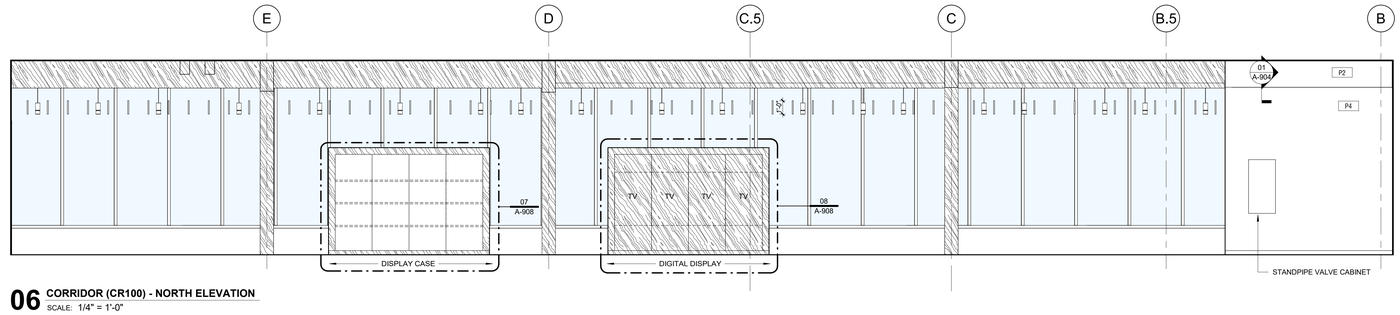
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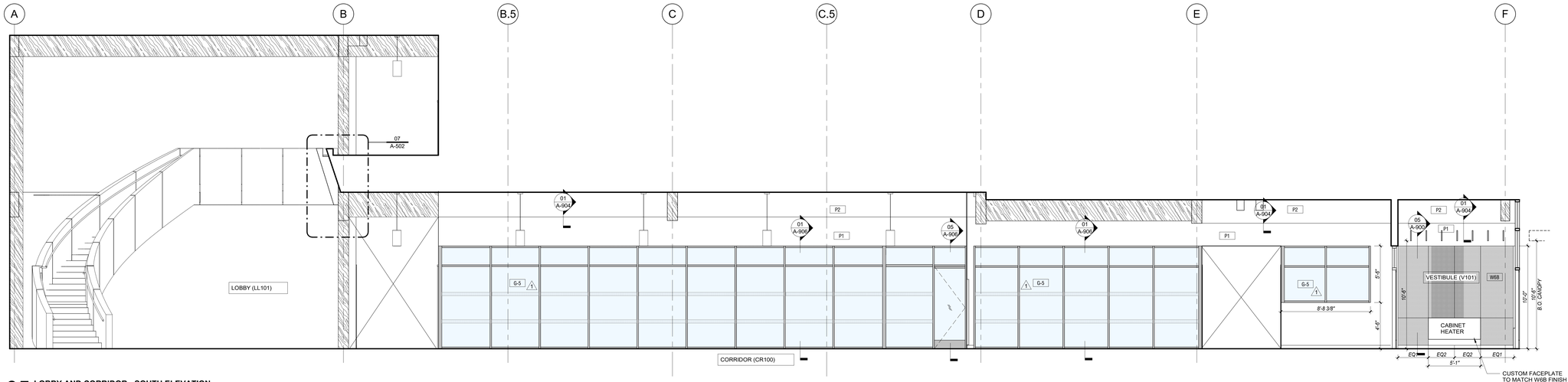
08 CORRIDOR (CR103) -WEST ELEVATION
SCALE: 1/4" = 1'-0"



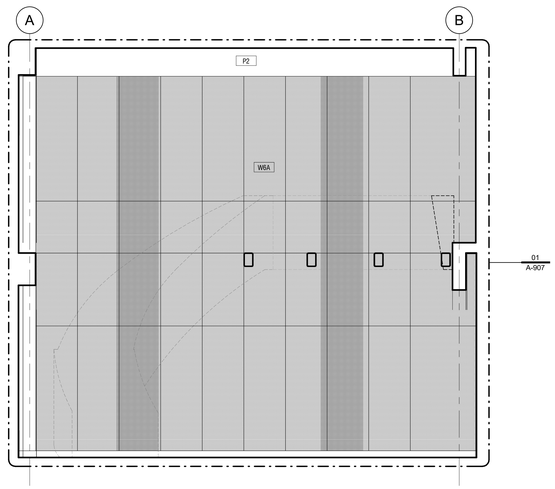
07 CORRIDOR (CR103) - EAST ELEVATION
SCALE: 1/4" = 1'-0"



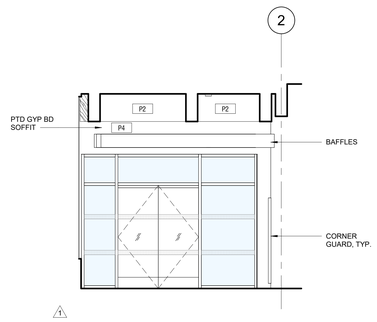
06 CORRIDOR (CR100) - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



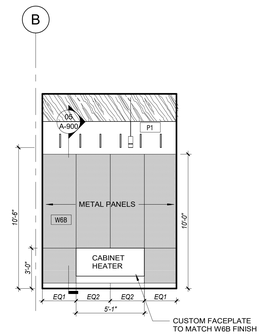
05 LOBBY AND CORRIDOR - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



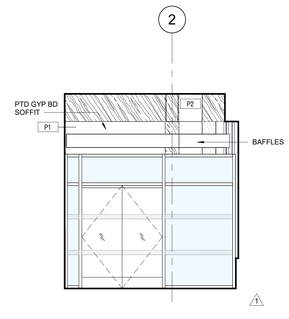
04 LOBBY (LL101) - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



03 CORRIDOR (CR100) - EAST ELEVATION
SCALE: 1/4" = 1'-0"



02 VESTIBULE (V100) - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



01 CORRIDOR (CR100) - WEST ELEVATION
SCALE: 1/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
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Appel Osborne Landscape Architecture
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SEAL:

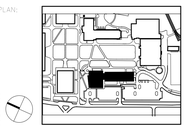
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

NO	DATE	COMMENTS
1	9-23-25	REBID & CONSTRUCTION

KEY PLAN:



PROJECT:

SCIENCE & TECHNOLOGY BUILDING

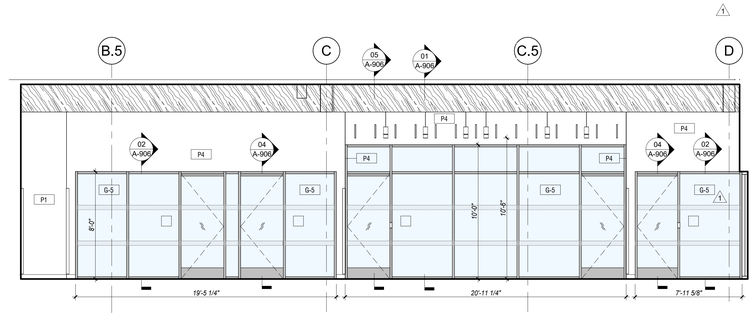
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HEAD – CORRIDOR ELEVATIONS

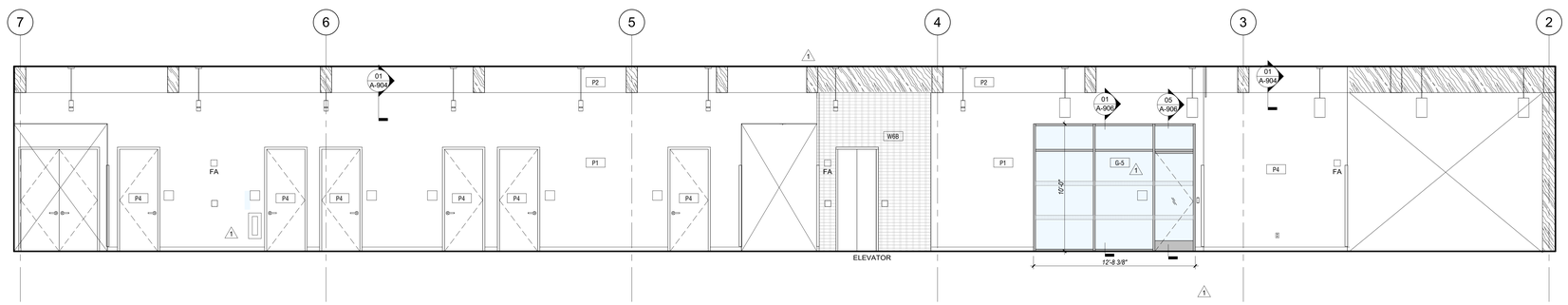
PROJECT NO: 23000 | DATE: 9/23/2025

PHASE: REBID & CONSTRUCTION | SCALE: 1/4" = 1'-0"

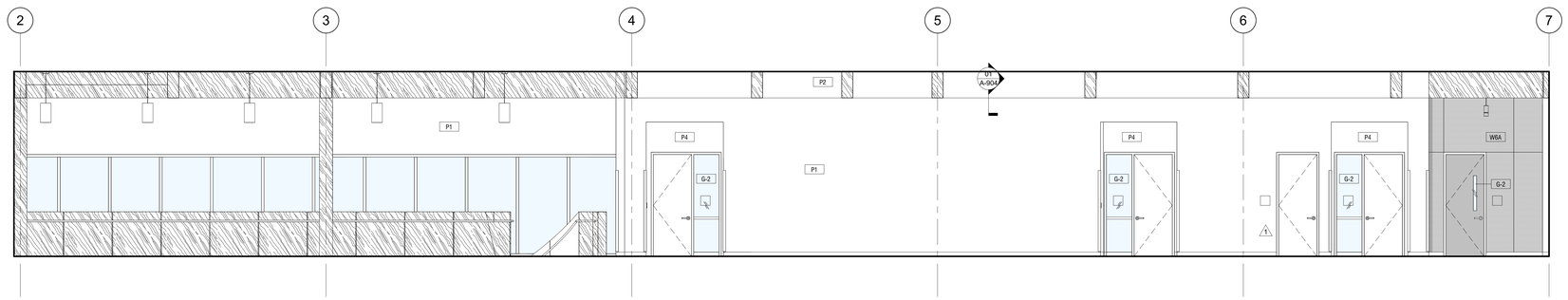
A-701



03 **COLLABORATION (LL202) - SOUTH ELEVATION**
SCALE: 1/4" = 1'-0"



02 **CORRIDOR (CR201) - WEST ELEVATION**
SCALE: 1/4" = 1'-0"



01 **CORRIDOR (CR201) - EAST ELEVATION**
SCALE: 1/4" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

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Rome, NY 13440
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SEAL:

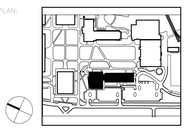
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KEY PLAN:



PROJECT:

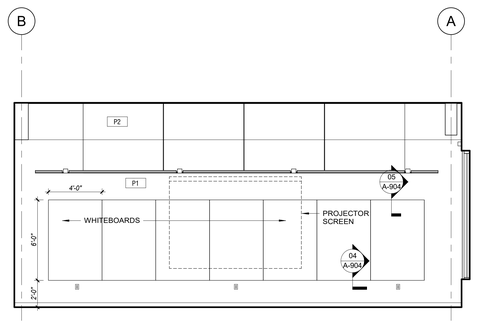
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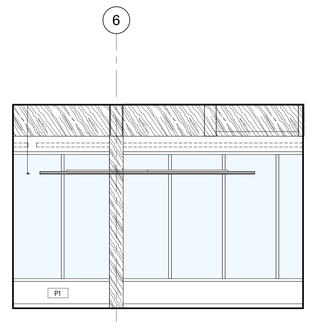
HEAD – SECOND FLOOR CORRIDOR ELEVATIONS 1

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/4" = 1'-0"

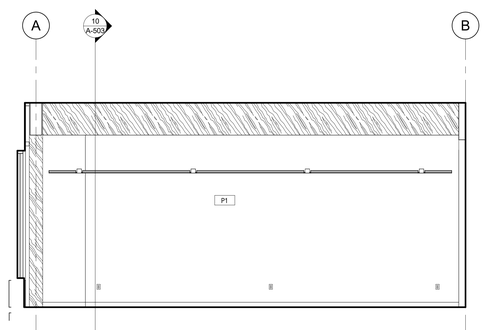
A-702 1



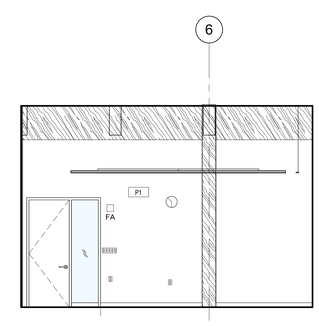
13 CLASSROOM ST114- NORTH ELEVATION
SCALE: 1/4" = 1'-0"



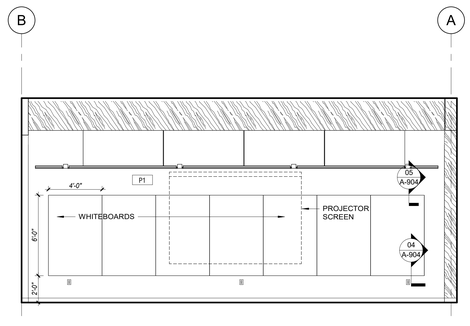
12 CLASSROOM ST114- EAST ELEVATION
SCALE: 1/4" = 1'-0"



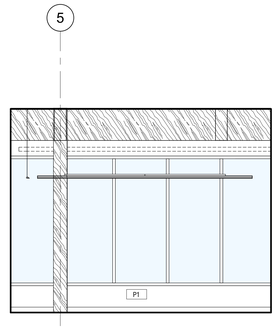
11 CLASSROOM ST114- SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



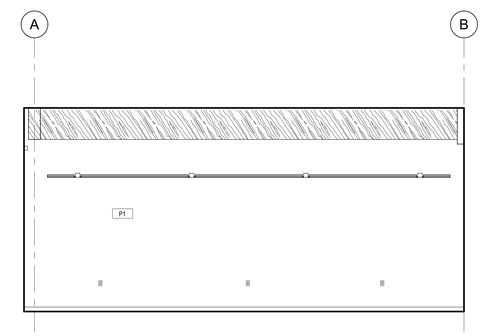
10 CLASSROOM ST114- WEST ELEVATION
SCALE: 1/4" = 1'-0"



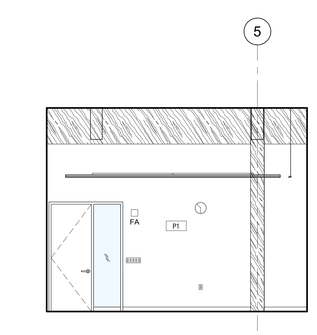
09 CLASSROOM ST112- NORTH ELEVATION
SCALE: 1/4" = 1'-0"



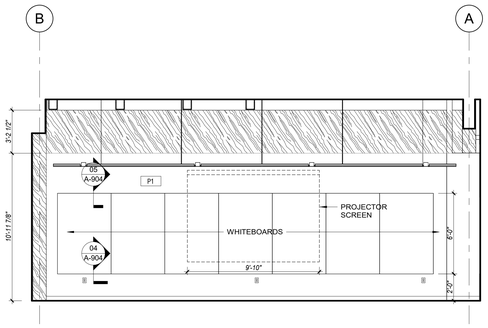
08 CLASSRROM ST112- EAST ELEVATION
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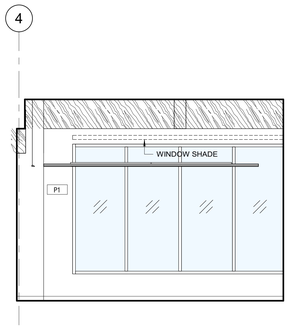
07 CLASSROOM ST112- SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



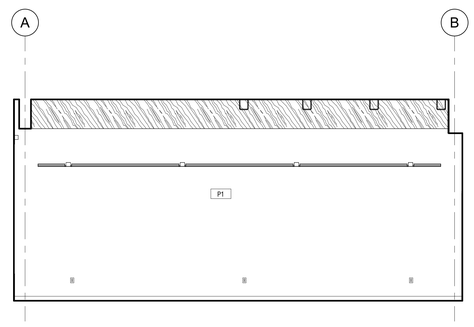
06 CLASSROOM ST112- WEST EELVATION
SCALE: 1/4" = 1'-0"



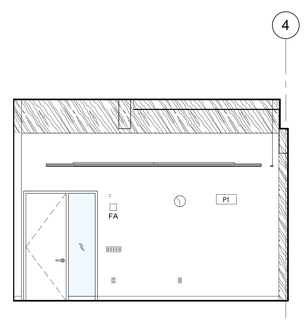
05 CLASSROOM ST110- NORTH ELEVATION
SCALE: 1/4" = 1'-0"



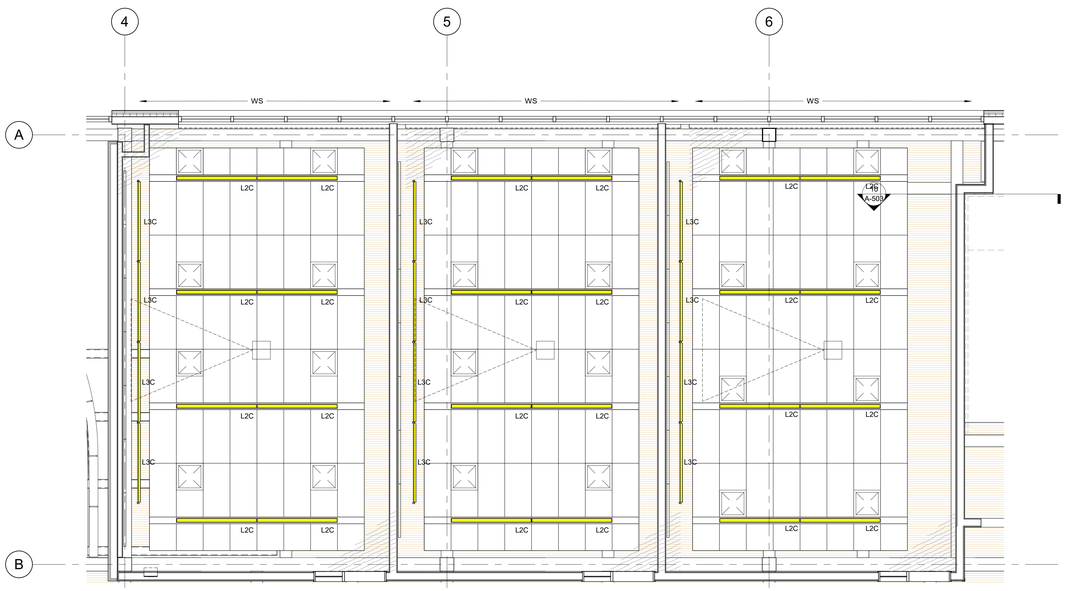
04 CLASSROOM ST110- EAST ELEVATION
SCALE: 1/4" = 1'-0"



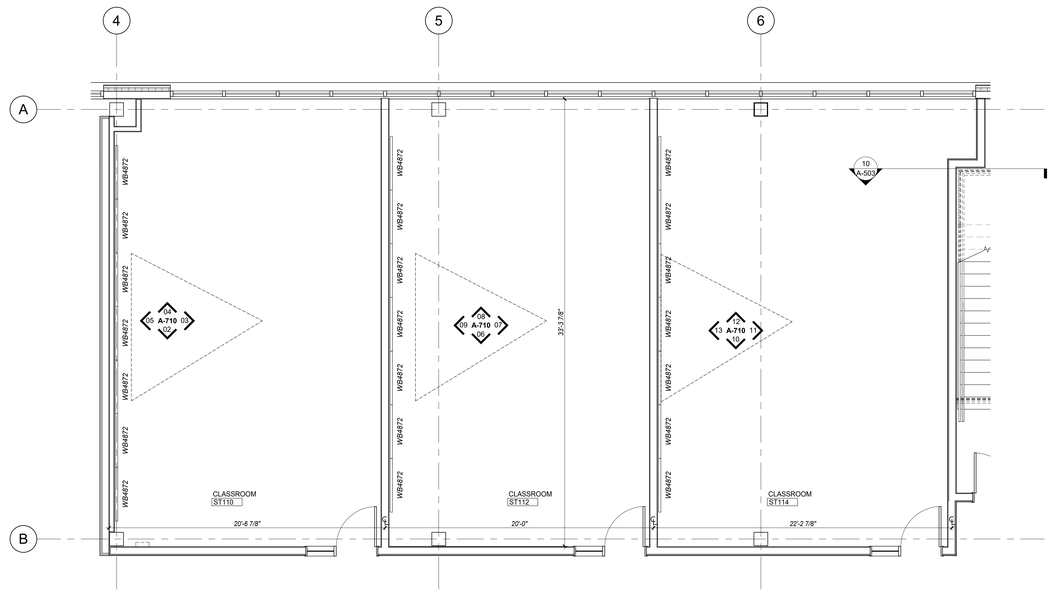
03 CLASSROOM ST110- SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



02 CLASSROOM ST110- WEST ELEVATION
SCALE: 1/4" = 1'-0"



14 RCP - FIRST FLOOR HEAD - Callout 1
SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - HEAD (TYP. CLASSROOM)
SCALE: 1/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
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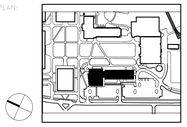
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

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KEY PLAN:



PLAN NORTH

PROJECT TI:

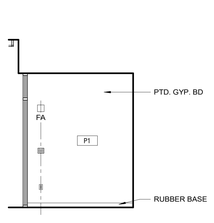
SCIENCE & TECHNOLOGY BUILDING

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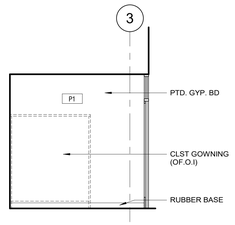
TYP. CLASSROOM – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/4" = 1'-0"

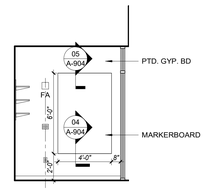
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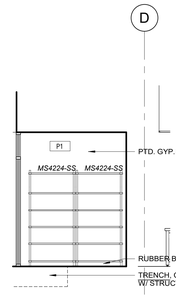
11 ATC GOWNING- EAST ELEVATION
SCALE: 1/4" = 1'-0"



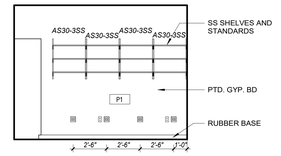
10 ATC GOWNING- SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



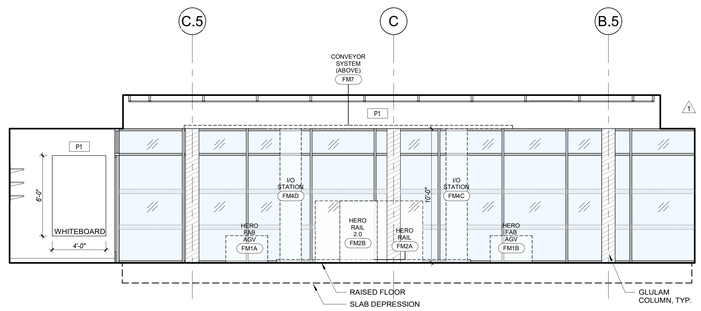
09 ATC OFFICE- WEST ELEVATION
SCALE: 1/4" = 1'-0"



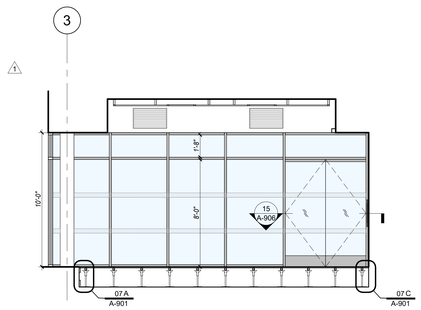
08 ATC OFFICE- EAST ELEVATION
SCALE: 1/4" = 1'-0"



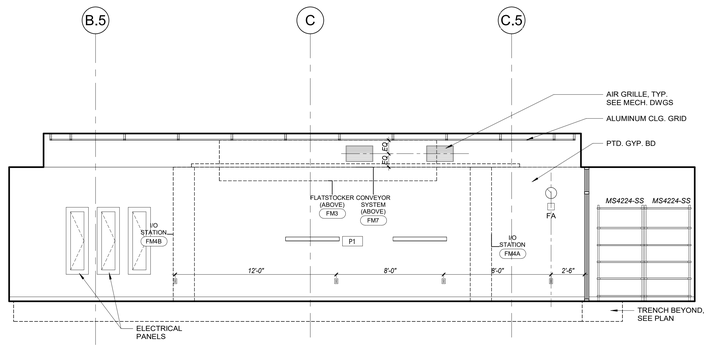
07 ATC OFFICE - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



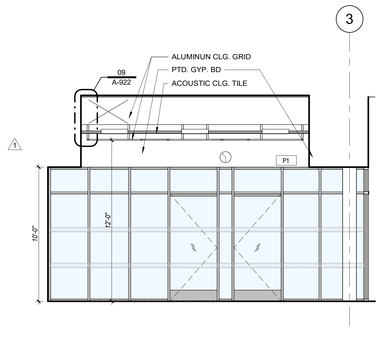
06 AUTOMATION TRAINING CENTER- NORTH ELEVATION
SCALE: 1/4" = 1'-0"



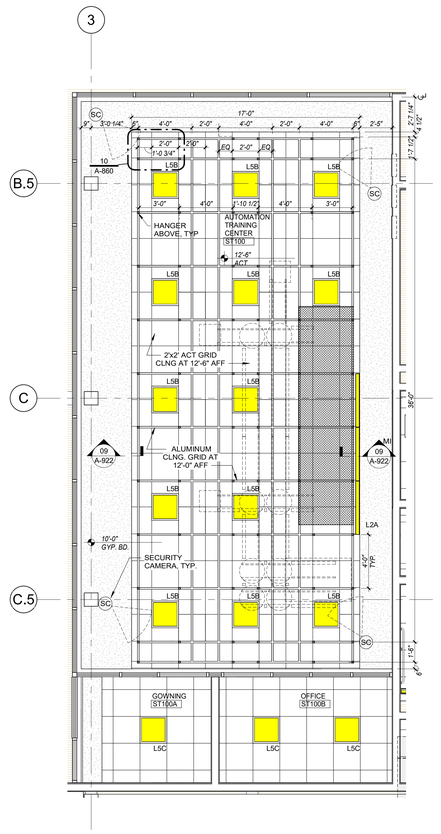
05 AUTOMATION TRAINING CENTER- EAST ELEVATION
SCALE: 1/4" = 1'-0"



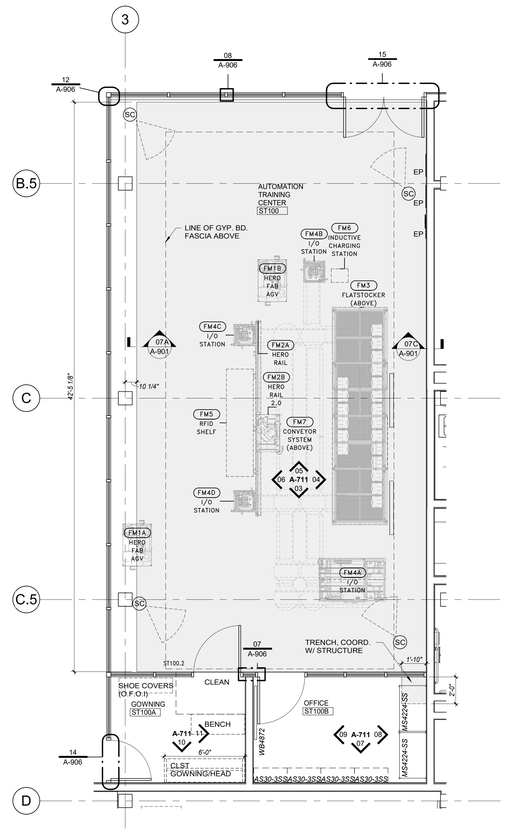
04 AUTOMATION TRAINING CENTER - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



03 AUTOMATION TRAINING CENTER - WEST ELEVATION
SCALE: 1/4" = 1'-0"



02 ENLARGED RCP - AUTOMATION TRAINING CENTER
SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - AUTOMATION TRAINING CENTER (ST100)
SCALE: 1/4" = 1'-0"

GENERAL NOTES - LAB EQUIPMENT

1) ALL LAB EQUIPMENT ITEMS LISTED HEREIN ARE OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I) UNLESS NOTED OTHERWISE.
2) THIS SCHEDULE IS FOR REFERENCE AND COORDINATION PURPOSE ONLY. SEE M/E/P DRAWING FOR ASSOCIATED SERVICES WITHIN THE PROJECT SCOPE.
3) ALL ASSOCIATED CONNECTED MEP SERVICES AND DISTRIBUTION, LAB SERVICE FIXTURES AND FITTINGS, AND REQUIRED SUPPORT HANGERS SHALL BE CONTRACTOR FURNISHED CONTRACTOR INSTALLED (C.F.C.I.).

EQUIPMENT SCHEDULE - FABMATICS

EQUIPMENT NO.	EXISTING ROOM NO.	ROOM	ROOM NO.	EQUIPMENT NAME	MANUFACTURER	MODEL NO.	SERIAL NO.	W	D	H	ELEC	HVAC	AIR	GASES	COMMENTS
FM1A		AUTOMATION TRAINING CENTER	ST100	HERO FAB AGV	FABMATICS			2'-1 1/2"	3'-1 3/8"	2'-0 3/8"					
FM1B		AUTOMATION TRAINING CENTER	ST100	HERO FAB AGV	FABMATICS			2'-1 1/2"	3'-1 3/8"	2'-0 3/8"					
FM2A		AUTOMATION TRAINING CENTER	ST100	HERO RAIL	FABMATICS			4 3/4"	14"-5 3/4"	3"					
FM2B		AUTOMATION TRAINING CENTER	ST100	HERO RAIL 2.0	FABMATICS			1'-9"	2'-9 1/2"	4'-7 3/8"					MIN ISLE OF 800MM
FM3		AUTOMATION TRAINING CENTER	ST100	FLATSTOCKER (ABOVE)	FABMATICS			4'-1 3/8"	16'-2 3/8"	3'-0 1/4"	400V/50HZ, 3A, DATA				AT CEILING LEVEL , UNLIMITED LENGTH, HEIGHT IS FLEXIBLE DEPENDING ON FIXED VS FLEXIBLE . SAYS 16 BINS…
FM4A		AUTOMATION TRAINING CENTER	ST100	I/O STATION	FABMATICS			4'-11 3/8"	1'-7"	10'-0"	400V/50HZ, 3A, DATA				HAVE AN ASSOCIATED VACUUM PUMP (PORTABLE) AND MOVE WITH TRAINERS. LEAK DETECTOR ASSOCIATED WITH TRAINER. ALL ON MOVABLE CARTS
FM4B		AUTOMATION TRAINING CENTER	ST100	I/O STATION	FABMATICS			1'-7"	1'-7"	10'-0"	400V/50HZ, 3A, DATA				
FM4C		AUTOMATION TRAINING CENTER	ST100	I/O STATION	FABMATICS			1'-7"	1'-7"	10'-0"	400V/50HZ, 3A, DATA				
FM4D		AUTOMATION TRAINING CENTER	ST100	I/O STATION	FABMATICS			1'-7"	1'-7"	10'-0"	400V/50HZ, 3A, DATA				
FM5		AUTOMATION TRAINING CENTER	ST100	RFID SHELF	FABMATICS			8'-0"	2'-0"	4'-7 3/8"					LOOKS LIKE METRO SHELVING
FM6		AUTOMATION TRAINING CENTER	ST100	INDUCTIVE CHARGING STATION	FABMATICS			1'-0 1/8"	1'-3 1/8"	5"	230V, MAX 60A				
FM7		AUTOMATION TRAINING CENTER	ST100	CONVEYOR SYSTEM (ABOVE)	FABMATICS			3'-5 1/2"	24'-5 1/2"	3"	400V/50HZ, 3A, DATA				AT CEILING LEVEL , UNLIMITED LENGTH, HEIGHT IS FLEXIBLE DEPENDING ON FIXED VS FLEXIBLE . SAYS 16 BINS…

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT JAMES R. BRADDOCK STATE OF NEW YORK

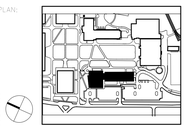
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

NO.	DATE	COMMENTS
1	09-23-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PLAN NORTH

PROJECT:

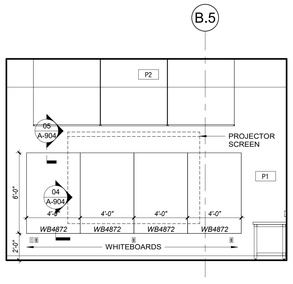
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE: AUTOMATION TRAINING CENTER

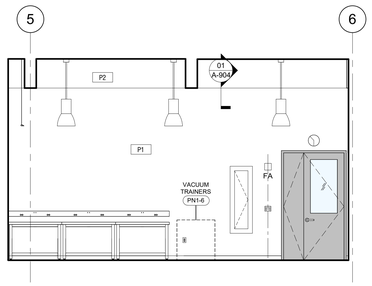
AUTOMATION TRAINING CENTER – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: As indicated

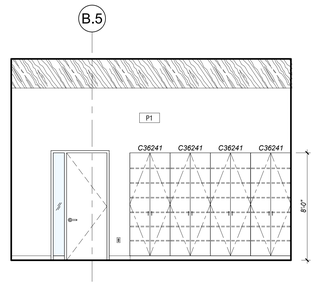
A-711



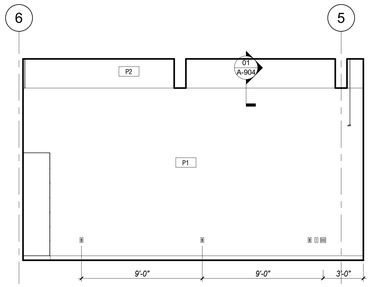
10 PNEUMATICS (ST109) - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



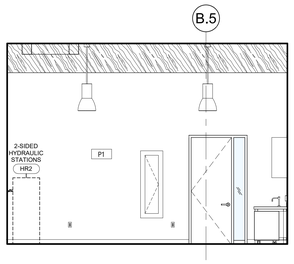
09 PNEUMATICS (ST109) - EAST ELEVATION
SCALE: 1/4" = 1'-0"



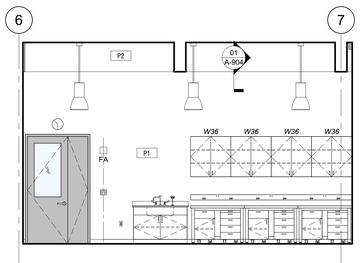
08 PNEUMATICS (ST109) - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



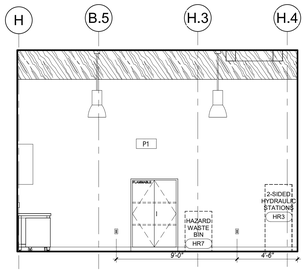
07 PNEUMATICS (ST109) - WEST ELEVATION
SCALE: 1/4" = 1'-0"



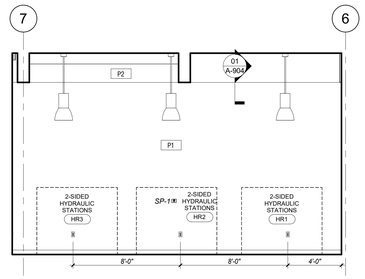
06 HYDRAULICS (ST111) - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



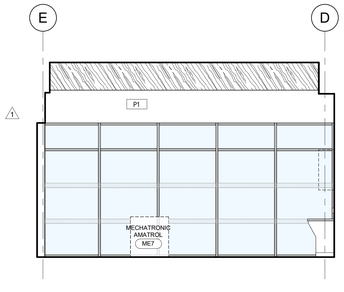
05 HYDRAULICS (ST111) - EAST ELEVATION
SCALE: 1/4" = 1'-0"



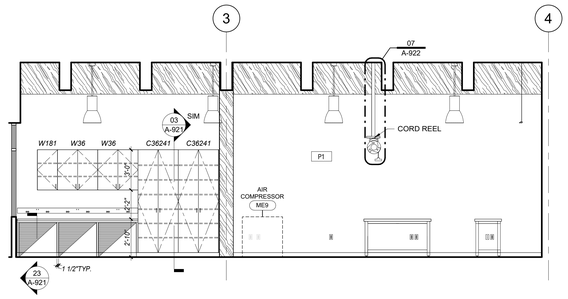
04 HYDRAULICS (ST111) - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



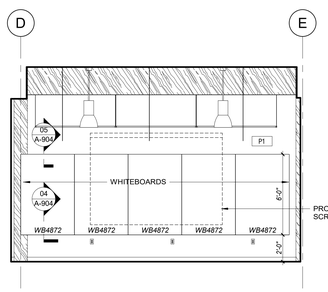
03 HYDRAULICS (ST111) - WEST ELEVATION
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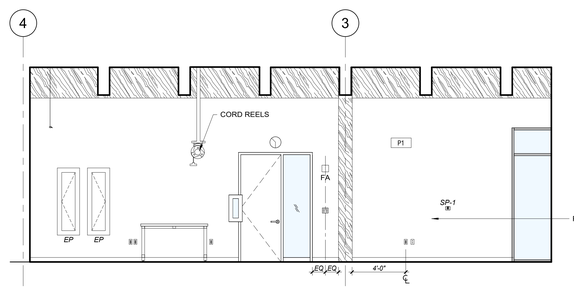
14 MECHATRONICS ROBOTICS (ST102) - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



13 MECHATRONICS ROBOTICS (ST102) - EAST ELEVATION
SCALE: 1/4" = 1'-0"



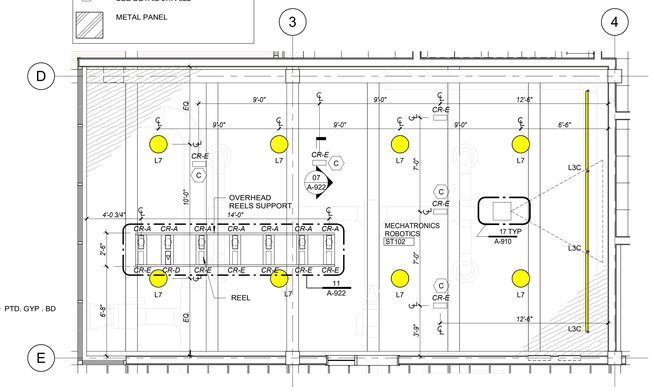
12 MECHATRONICS ROBOTICS (ST102) - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



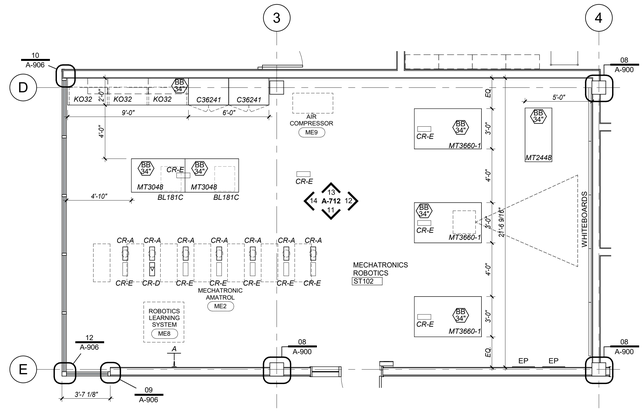
11 MECHATRONICS (ST102) - WEST ELEVATION
SCALE: 1/4" = 1'-0"

ENLARGED RCP LEGEND

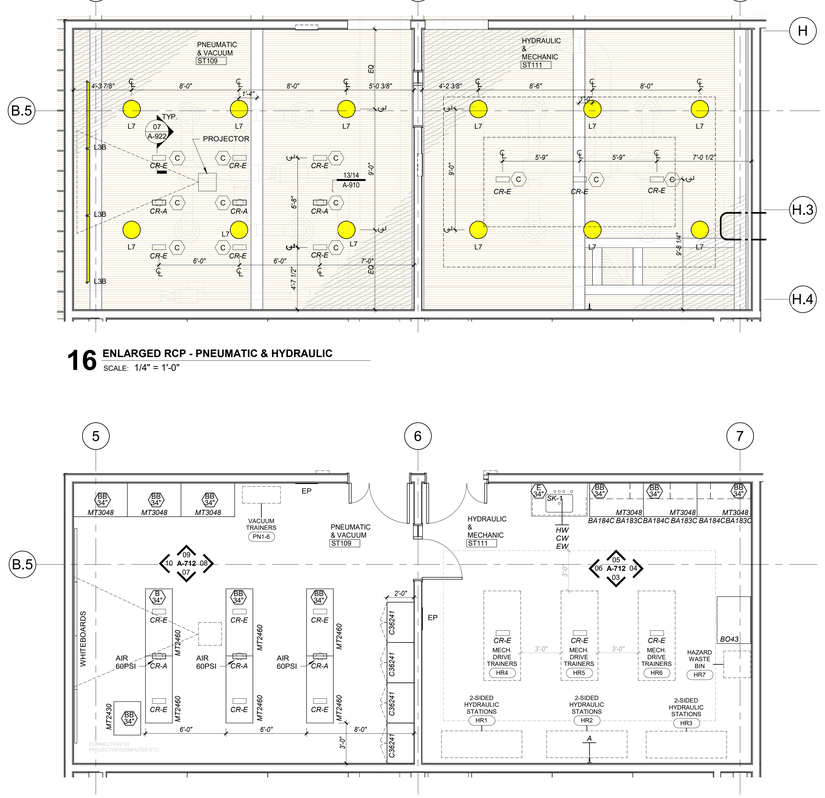
- SN — SNORKEL, SEE DETAIL 04/A-922
- PE — SNORKEL, SEE MECHANICAL DRAWINGS
- CR-E, CR-E 208 — ELECTRICAL CORD REEL, SEE ELECTRICAL DRAWINGS
- CR-A — AIR CORD REEL, SEE PLUMBING DRAWINGS
- CR-D — DATA CORD REEL, SEE ELECTRICAL DRAWINGS
- A — CORD REEL SUPPORT TYPE A, SEE DETAIL 15,16/A-910
- B — CORD REEL SUPPORT TYPE B, SEE DETAIL 11,12/A-910
- C — CORD REEL SUPPORT TYPE C, SEE DETAIL 07/A-922
- METAL PANEL



15 ENLARGED RCP - MECHATRONICS ROBOTICS
SCALE: 1/4" = 1'-0"



02 ENLARGED PLAN - MECHATRONICS ROBOTICS (ST102)
SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - PNEUMATICS & HYDRAULICS
SCALE: 1/4" = 1'-0"

GENERAL NOTES - LAB EQUIPMENT

1) ALL LAB EQUIPMENT ITEMS LISTED HEREIN ARE OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I) UNLESS NOTED OTHERWISE.
2) THIS SCHEDULE IS FOR REFERENCE AND COORDINATION PURPOSE ONLY. SEE M/E/P DRAWING FOR ASSOCIATED SERVICES WITHIN THE PROJECT SCOPE.
3) ALL ASSOCIATED CONNECTED MEP SERVICES AND DISTRIBUTION, LAB SERVICE FIXTURES AND FITTINGS, AND REQUIRED SUPPORT HANGERS SHALL BE CONTRACTOR FURNISHED CONTRACTOR INSTALLED (C.F.C.I.).

EQUIPMENT SCHEDULE - MECHATRONICS

EQUIPMENT NO.	EXISTING ROOM NO.	ROOM	ROOM NO.	EQUIPMENT NAME	MANUFACTURER	MODEL NO.	SERIAL NO.	W	D	H	ELEC	HVAC	AIR	GASES	COMMENTS
HR1		HYDRAULIC & MECHANIC	ST111	2-SIDED HYDRAULIC STATIONS	AMATROL	850- HD1		2'-0"	6'-0"	5'-0"	120V, 15A				Existing -3EA, needs oil-proof floor/oil pan to ease cleaning Existing -3EA, needs oil-proof floor/oil pan to ease cleaning
HR2		HYDRAULIC & MECHANIC	ST111	2-SIDED HYDRAULIC STATIONS	AMATROL	850- HD1		2'-0"	6'-0"	5'-0"	120V, 15A				Existing -3EA, needs oil-proof floor/oil pan to ease cleaning
HR3		HYDRAULIC & MECHANIC	ST111	2-SIDED HYDRAULIC STATIONS	AMATROL	850- HD1		2'-0"	6'-0"	5'-0"	120V, 15A				Existing -3EA, needs oil-proof floor/oil pan to ease cleaning
HR4		HYDRAULIC & MECHANIC	ST111	MECH. DRIVE TRAINERS	AMATROL	950-ME		6'-8"	2'-9"	6'-0"	120V, 15A		X		
HR5		HYDRAULIC & MECHANIC	ST111	MECH. DRIVE TRAINERS	AMATROL	950-ME		6'-8"	2'-9"	6'-0"	120V, 15A		X		
HR6		HYDRAULIC & MECHANIC	ST111	MECH. DRIVE TRAINERS	AMATROL	950-ME		6'-8"	2'-9"	6'-0"	120V, 15A		X		
HR7		HYDRAULIC & MECHANIC	ST111	HAZARD WASTE BIN				2'-0"	2'-0"	3'-0"					
ME1	AB207	MECHATRONICS ROBOTICS	ST102	MECHATRONIC AMATROL	AMATROL	950-ME		2'-10"	1'-3"	3'-0"	110V, 9A		X		"Size shown when all 7 carts assembled together. Individual carts 11'-3""Wx2.5'D. Need to be able to walk around them when separated. Robot cart 2.5'Wx2'-3"D. Need 7 air connections on the wall and one drop-down. Lockout-tagout station needed"
ME2	AB207	MECHATRONICS ROBOTICS	ST102	MECHATRONIC AMATROL	AMATROL	950-ME		2'-10"	1'-3"	3'-0"	110V, 9A		X		confirm model number is 870 not 950 per 2018 eqt schedule, 950-MEI
ME3	AB207	MECHATRONICS ROBOTICS	ST102	MECHATRONIC AMATROL	AMATROL	950-ME		2'-10"	1'-3"	3'-0"	110V, 9A		X		confirm model number is 870 not 950 per 2018 eqt schedule, 950-MEI
ME4	AB207	MECHATRONICS ROBOTICS	ST102	MECHATRONIC AMATROL	AMATROL	950-ME		2'-10"	1'-3"	3'-0"	110V, 9A		X		confirm model number is 870 not 950 per 2018 eqt schedule, 950-MEI
ME5	AB207	MECHATRONICS ROBOTICS	ST102	MECHATRONIC AMATROL	AMATROL	950-ME		2'-10"	1'-3"	3'-0"	110V, 9A		X		confirm model number is 870 not 950 per 2018 eqt schedule, 950-MEI
ME6	AB207	MECHATRONICS ROBOTICS	ST102	MECHATRONIC AMATROL	AMATROL	950-ME		2'-10"	1'-3"	3'-0"	110V, 9A		X		confirm model number is 870 not 950 per 2018 eqt schedule, 950-MEI
ME7	AB207	MECHATRONICS ROBOTICS	ST102	MECHATRONIC AMATROL	AMATROL	950-ME		2'-10"	1'-3"	3'-0"	110V, 9A		X		confirm model number is 870 not 950 per 2018 eqt schedule, 950-MEI
ME8	1005	MECHATRONICS ROBOTICS	ST102	ROBOTICS LEARNING SYSTEM	AMATROL			3'-0"	3'-0"	3'-0"	120V, 20A		X		is thisis this the same as the robotic arm ? the same as the robotic arm ?
ME9	AB207	MECHATRONICS ROBOTICS	ST102	AIR COMPRESSOR	SILENAIRE	Sil-Air 100-50		3'-0"	1'-6"	3'-0"	120V, 15A		X		
PN1-6		PNEUMATIC & VACUUM	ST109	VACUUM TRAINERS				2'-10"	1'-3"	3'-0"					HAVE AN ASSOCIATED VACUUM PUMP (PORTABLE) AND MOVE WITH TRAINERS. LEAK DETECTOR ASSOCIATED WITH TRAINER. ALL ON MOVABLE CARTS

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
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Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO.	DATE	COMMENTS
1	09-23-25	REBID & CONSTRUCTION

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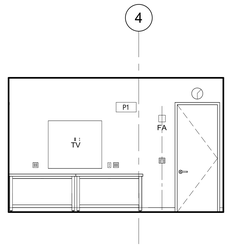
KEY PLAN:
PLAN NORTH

PROJECT TI:
SCIENCE & TECHNOLOGY BUILDING

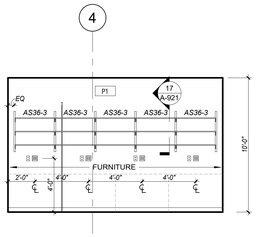
DRAWING TITLE:
MECHATRONICS, PNEUMATICS & HYDRAULICS – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

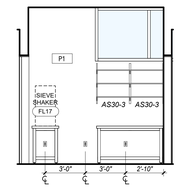
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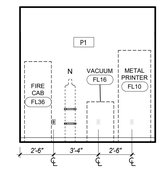
13 FAB COLLAB - WEST ELEVATION
SCALE: 1/4" = 1'-0"



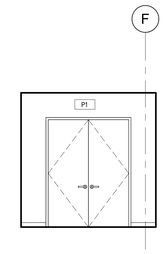
12 FAB COLLAB - EAST ELEVATION
SCALE: 1/4" = 1'-0"



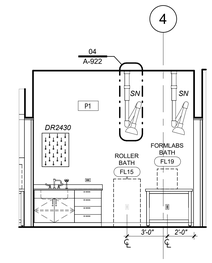
11 METAL PRINT - EAST ELEVATION
SCALE: 1/4" = 1'-0"



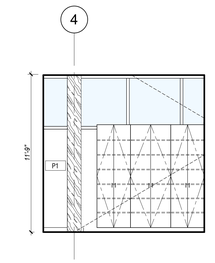
10 METAL PRINT - WEST ELEVATION
SCALE: 1/4" = 1'-0"



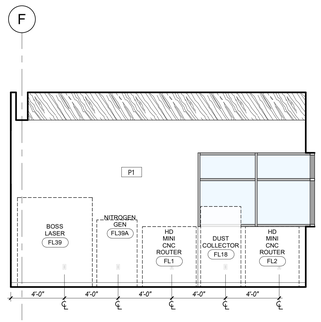
09 METAL PRINT - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



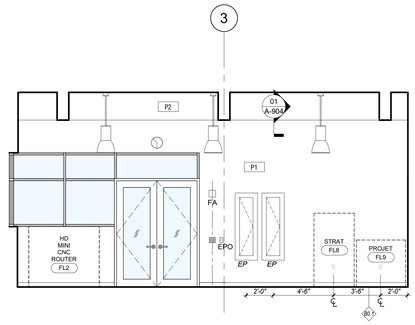
08 POST PROCESS- WEST ELEVATION
SCALE: 1/4" = 1'-0"



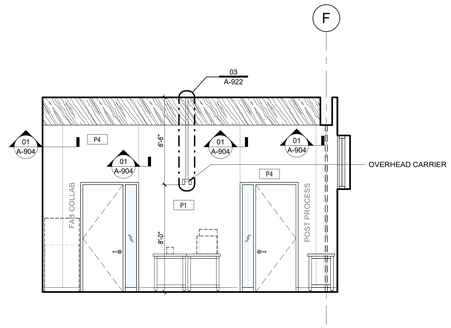
07 POST PROCESS-EAST ELEVATION
SCALE: 1/4" = 1'-0"



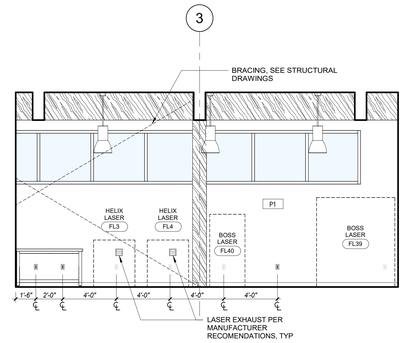
06 FAB LAB- NORTH ELEVATION
SCALE: 1/4" = 1'-0"



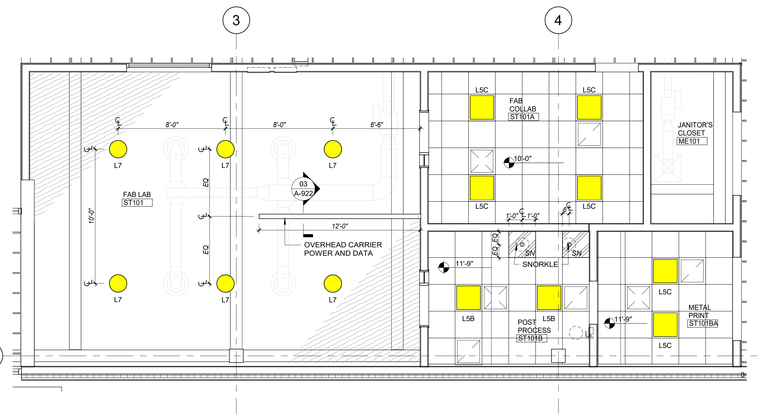
05 FAB LAB-EAST ELEVATION
SCALE: 1/4" = 1'-0"



04 FAB LAB- SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



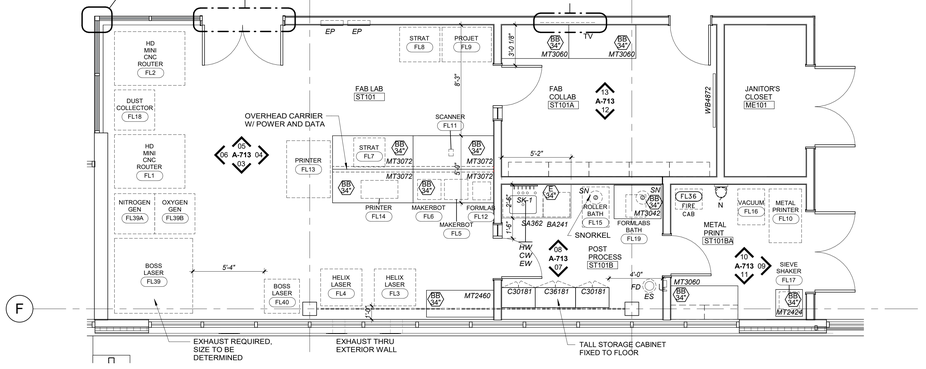
03 FAB LAB- WEST ELEVATION
SCALE: 1/4" = 1'-0"



02 ENLARGED RCP - FAB LAB
SCALE: 1/4" = 1'-0"

ENLARGED RCP LEGEND

SN	SNORKEL, SEE DETAIL 04/A-922
PE	SNORKEL, SEE MECHANICAL DRAWINGS
CR-E CR-E 208	ELECTRICAL CORD REEL, SEE ELECTRICAL DRAWINGS
CR-A	AIR CORD REEL, SEE PLUMBING DRAWINGS
CR-D	DATA CORD REEL, SEE ELECTRICAL DRAWINGS
A	CORD REEL SUPPORT TYPE A, SEE DETAIL 15, 16/A-910
B	CORD REEL SUPPORT TYPE B, SEE DETAIL 11,12/A-910
C	CORD REEL SUPPORT TYPE C, SEE DETAIL 07/A-922
	METAL PANEL



01 ENLARGED PLAN - FAB LAB (ST101)
SCALE: 1/4" = 1'-0"

GENERAL NOTES - LAB EQUIPMENT

1) ALL LAB EQUIPMENT ITEMS LISTED HEREIN ARE OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I) UNLESS NOTED OTHERWISE.
2) THIS SCHEDULE IS FOR REFERENCE AND COORDINATION PURPOSE ONLY. SEE ME/P DRAWING FOR ASSOCIATED SERVICES WITHIN THE PROJECT SCOPE.
3) ALL ASSOCIATED CONNECTED MEP SERVICES AND DISTRIBUTION, LAB SERVICE FIXTURES AND FITTINGS, AND REQUIRED SUPPORT HANGERS SHALL BE CONTRACTOR FURNISHED CONTRACTOR INSTALLED (C.F.C.I.).

EQUIPMENT SCHEDULE - FAB LAB

EQUIPMENT NO.	EXISTING ROOM NO.	ROOM	ROOM NO.	EQUIPMENT NAME	MANUFACTURER	MODEL NO.	SERIAL NO.	W	D	H	ELEC	HVAC	AIR	GASES	COMMENTS
FL1		FAB LAB	ST101	HD MINI CNC ROUTER	TECHNO			4'-0"	5'-3"	4'-6"					
FL2		FAB LAB	ST101	HD MINI CNC ROUTER	TECHNO			4'-0"	5'-3"	4'-6"					
FL3		FAB LAB	ST101	HELIX LASER	EPILOG LASER	24X18(40W)		3'-1"	2'-9"	3'-6"	120V, 8A				
FL4		FAB LAB	ST101	HELIX LASER	EPILOG LASER	24X18(40W)		3'-1"	2'-9"	3'-6"	120V, 8A				
FL5		FAB LAB	ST101	MAKERBOT	MAKERBOT	REPLICATOR		1'-9"	1'-6"	1'-4 1/8"	120V, 1A				
FL6		FAB LAB	ST101	MAKERBOT	MAKERBOT	REPLICATOR		1'-9"	1'-6"	1'-4 1/8"	120V, 1A				
FL7		FAB LAB	ST101	STRAT	STRATYSYS	U PRINT SE PLUS		2'-2"	2'-4"	2'-8"	120V, 12.7A				
FL8		FAB LAB	ST101	STRAT	STRATYSYS	F370		3'-0"	2'-7"	5'-6"	120V, 20A				
FL9		FAB LAB	ST101	PROJET	3D SYSTEMS	PROJET 2500 PLUS 3D PRINTER		3'-8"	2'-7"	3'-6"					
FL10		METAL PRINT	ST101BA	METAL PRINTER	GE ADDITIVE	CONCEPT LASER MLAB CUSING		2'-5"	4'-0"	6'-10"					
FL11		FAB LAB	ST101	SCANNER	ARTEC	ARTEC SPACE SPIDER		4"	6"	6"					
FL12		FAB LAB	ST101	FORMLAB	FORMLABS	3+ SLA		1'-4"	1'-4"	1'-10"					
FL13		FAB LAB	ST101	PRINTER	HP DESIGNJET	T520		4'-3"	3'-3"	3'-2"	120V, 1.2A				
FL14		FAB LAB	ST101	PRINTER	MARK FORGED	MARK II ONYX NYLON		2'-9"	1'-4"	1'-3"	120V, 3A				
FL15		POST PROCESS	ST101B	ROLLER BATH				2'-0"	3'-0"	3'-7"					
FL16		METAL PRINT	ST101BA	VACUUM	RUWAC	NA7-11HCLUL		2'-0"	2'-8"	3'-0"	230V, 60HZ, 11A				
FL17		METAL PRINT	ST101BA	SIEVE SHAKER	RETSCH	AS 200 BASIC		1'-6"	1'-6"	3'-0"	110V, 60HZ, 1 PH				
FL18		FAB LAB	ST101	DUST COLLECTOR	SHOP FOX	W1685		3'-0"	3'-0"	6'-0"	110V, 1PH, 16A				
FL19		POST PROCESS	ST101B	FORMLABS BATH				1'-6"	1'-8"	1'-6"					
FL36		METAL PRINT	ST101BA	FIRE CAB				2'-0"	1'-6"	6'-0"					
FL39		FAB LAB	ST101	BOSS LASER	BOSS LASER	FC ACCUCUT SS 2'X2'		5'-7"	5'-10"	6'-8"					
FL39A		FAB LAB	ST101	NITROGEN GEN				3'-0"	3'-0"	5'-0"					
FL39B		FAB LAB	ST101	OXYGEN GEN				3'-0"	3'-0"	5'-0"					
FL40		FAB LAB	ST101	BOSS LASER	BOSS LASER	LASER MARKING MACHINE		2'-7 1/2"	2'-6 1/2"	5'-5"					

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
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Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
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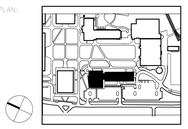
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

NO.	DATE	ISSUE/REVISION
	05-23-25	REBID & CONSTRUCTION

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KEY PLAN:

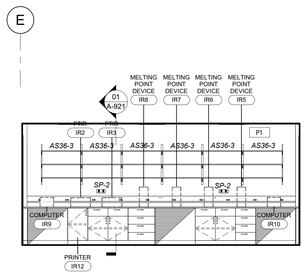


PROJECT:
SCIENCE & TECHNOLOGY BUILDING

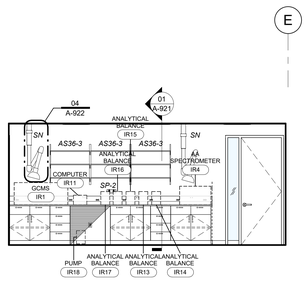
DRAWING TITLE:
FAB LAB – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

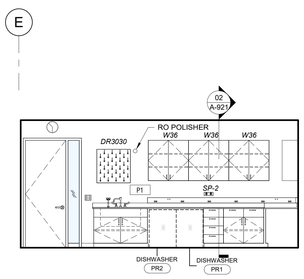
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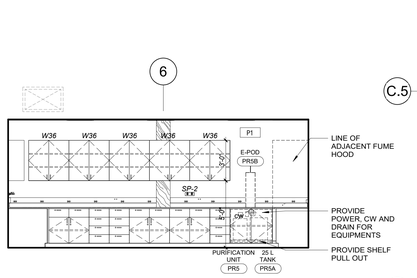
13 INSTRUMENT (ST105B) - N ELEVATION
SCALE: 1/4" = 1'-0"



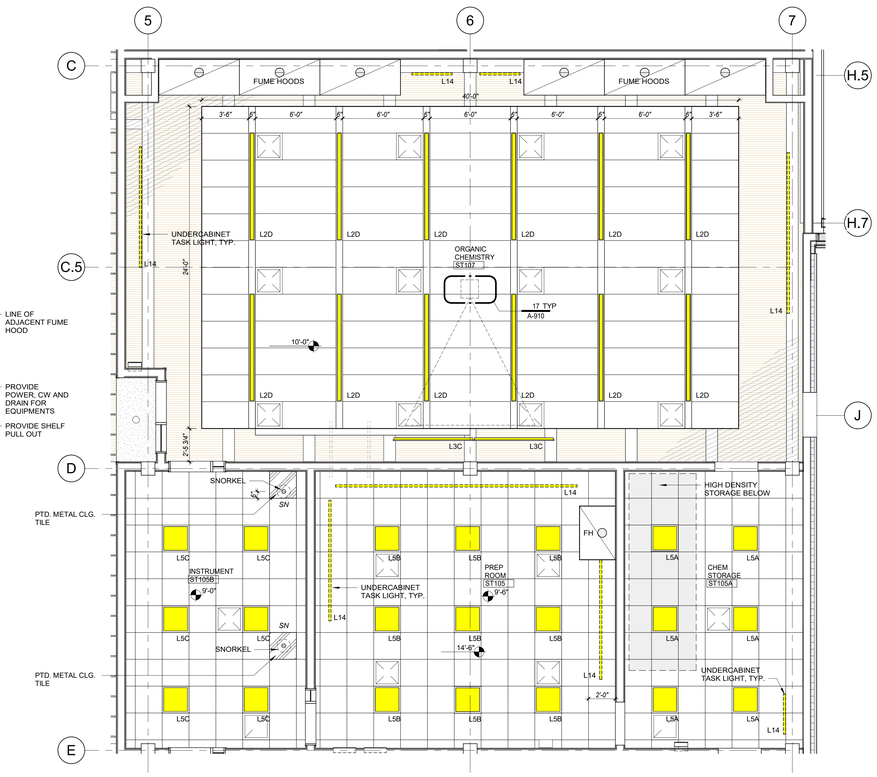
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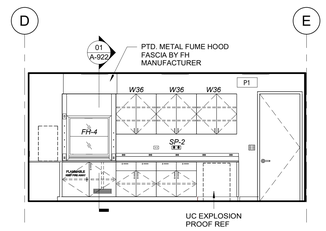
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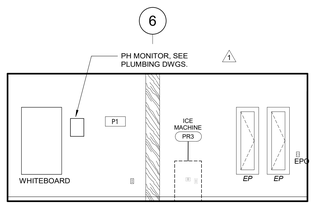
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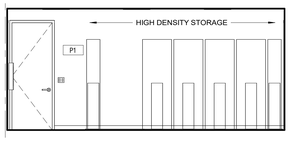
14 ENLARGED RCP - ORGANIC CHEM
SCALE: 1/4" = 1'-0"



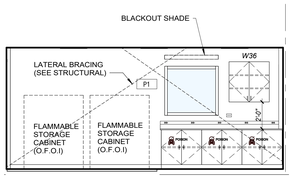
09 PREP ROOM (ST105) - S ELEVATION
SCALE: 1/4" = 1'-0"



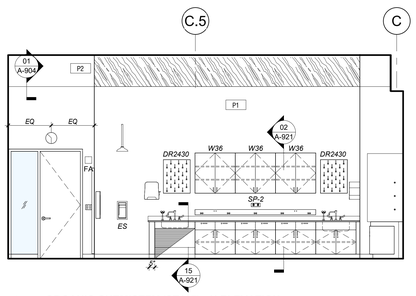
08 PREP ROOM (105) - W ELEVATION
SCALE: 1/4" = 1'-0"



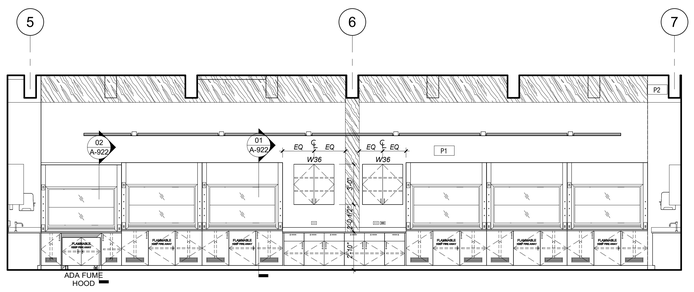
07 CHEM STORAGE (105A) - N ELEVATION
SCALE: 1/4" = 1'-0"



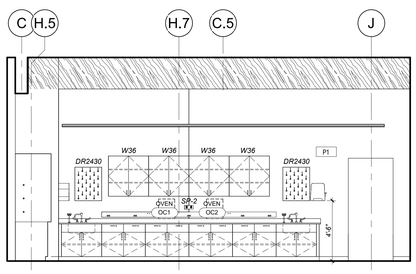
06 CHEM STORAGE (105A) - S ELEVATION
SCALE: 1/4" = 1'-0"



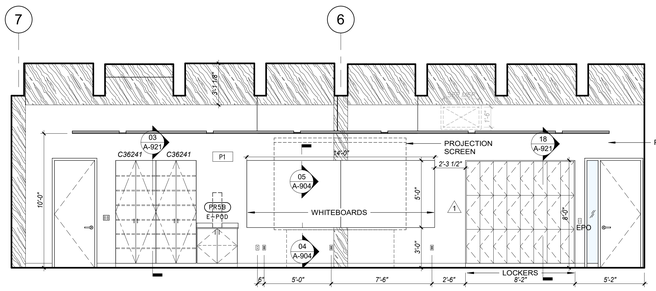
05 ORGANIC CHEMISTRY (ST107) - N ELEVATION
SCALE: 1/4" = 1'-0"



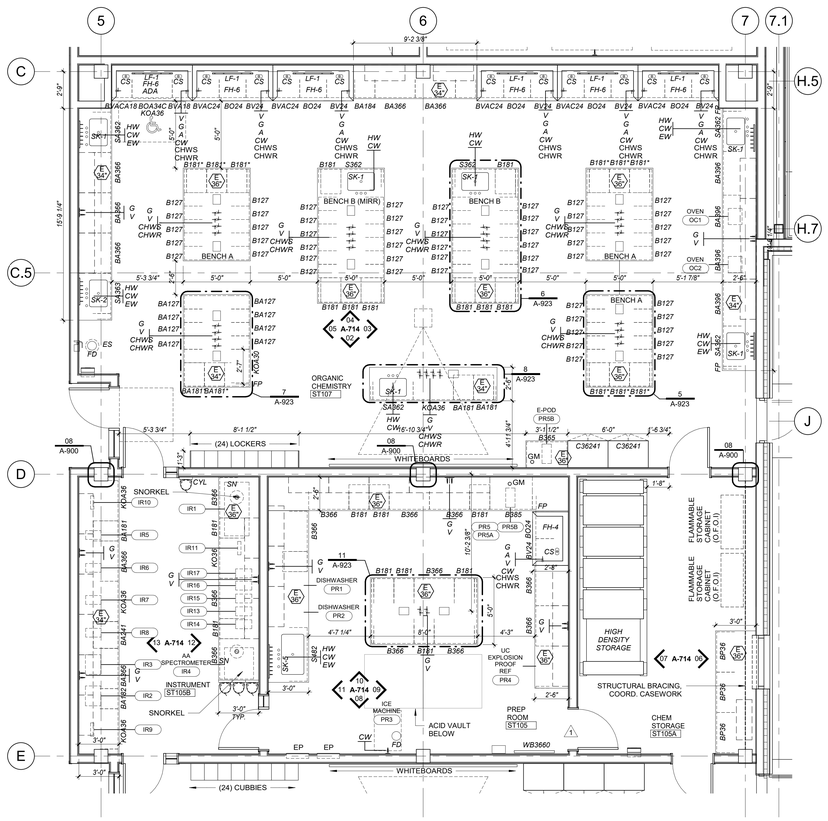
04 ORGANIC CHEMISTRY (ST107) - E ELEVATION
SCALE: 1/4" = 1'-0"



03 ORGANIC CHEMISTRY (ST107) - S ELEVATION
SCALE: 1/4" = 1'-0"



02 ORGANIC CHEMISTRY (ST107) - W ELEVATION
SCALE: 1/4" = 1'-0"



01 ENLARGED PLANS - CHEMISTRY (ST107) & LAB SUPPORT
SCALE: 1/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
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EXPIRATION DATE: 05-31-2026

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1	09-23-25	REBID & CONSTRUCTION

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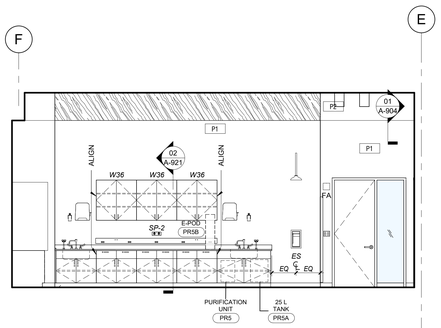
KEY PLAN:
PLAN NORTH

PROJECT:
SCIENCE & TECHNOLOGY BUILDING

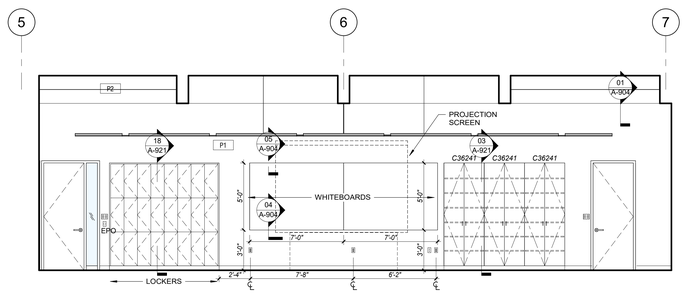
DRAWING TITLE:
CHEMISTRY – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: 1/4" = 1'-0"

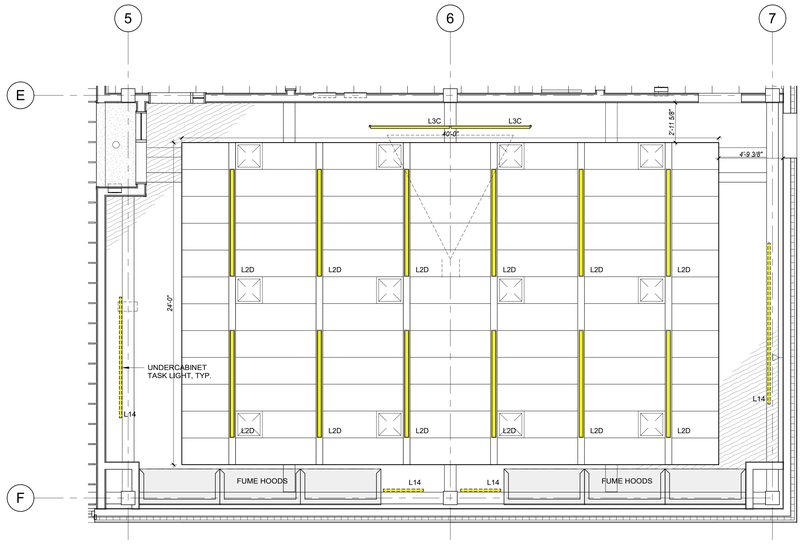
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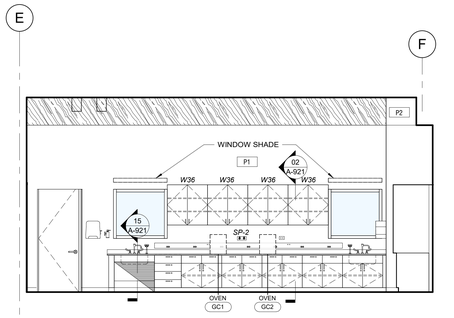
05 GENERAL CHEMISTRY (ST103) - N ELEVATION
SCALE: 1/4" = 1'-0"



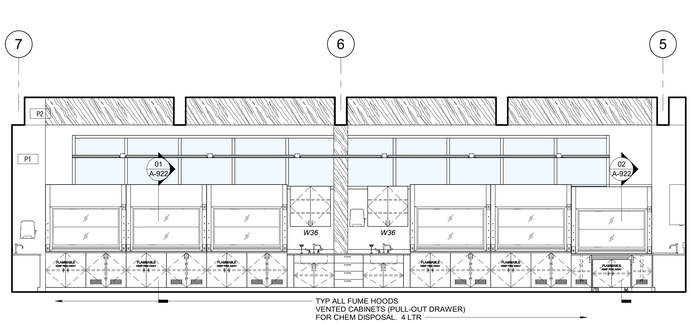
04 GENERAL CHEMISTRY (ST103) - E ELEVATION
SCALE: 1/4" = 1'-0"



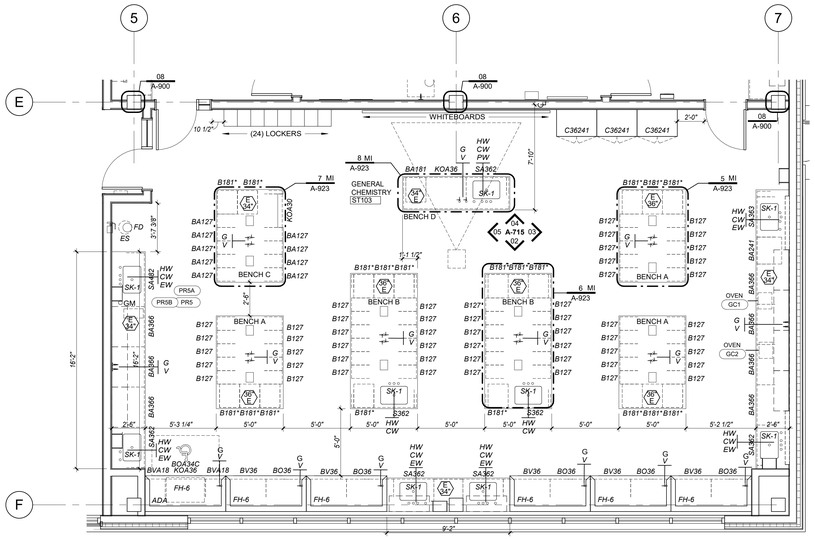
6 ENLARGED RCP - GENERAL CHEM LAB
SCALE: 1/4" = 1'-0"



03 GENERAL CHEMISTRY (ST103) - S ELEVATION
SCALE: 1/4" = 1'-0"



02 GENERAL CHEMISTRY (ST103) - W ELEVATION
SCALE: 1/4" = 1'-0"



1 ENLARGED PLAN - GENERAL CHEMISTRY (ST103)
SCALE: 1/4" = 1'-0"

GENERAL NOTES - LAB EQUIPMENT

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3) ALL ASSOCIATED CONNECTED MEP SERVICES AND DISTRIBUTION, LAB SERVICE FIXTURES AND FITTINGS, AND REQUIRED SUPPORT HANGERS SHALL BE CONTRACTOR FURNISHED CONTRACTOR INSTALLED (C.F.C.I.).

EQUIPMENT SCHEDULE - CHEMISTRY LABS & LAB SUPPORT

EQUIPMENT NO.	EXISTING ROOM NO.	ROOM	ROOM NO.	EQUIPMENT NAME	MANUFACTURER	MODEL NO.	SERIAL NO.	W	D	H	ELEC	HVAC	AIR	GASES	COMMENTS
GC1		GENERAL CHEMISTRY	ST103	OVEN				1'-0 1/4"	1'-2 1/2"	1'-5 1/2"					
GC2		GENERAL CHEMISTRY	ST103	OVEN				1'-0 1/4"	1'-2 1/2"	1'-5 1/2"					
IR1		INSTRUMENT	ST105B	GCMS				1'-10"	4'-0"	1'-7 5/8"					
IR2		INSTRUMENT	ST105B	FTIR				1'-1 3/4"	1'-5 3/4"	8 1/4"					
IR3		INSTRUMENT	ST105B	FTIR				1'-1 3/4"	1'-5 3/4"	8 1/4"					
IR4		INSTRUMENT	ST105B	AA SPECTROMETER	PERKIN ELMER	AANALYST 200		2'-2"	2'-4"	1'-4 1/2"					
IR5		INSTRUMENT	ST105B	MELTING POINT DEVICE				7 7/8"	1'-1 3/4"	1'-5 3/4"					
IR6		INSTRUMENT	ST105B	MELTING POINT DEVICE				7 7/8"	1'-1 3/4"	1'-5 3/4"					
IR7		INSTRUMENT	ST105B	MELTING POINT DEVICE				7 7/8"	1'-1 3/4"	1'-5 3/4"					
IR8		INSTRUMENT	ST105B	MELTING POINT DEVICE				7 7/8"	1'-1 3/4"	1'-5 3/4"					
IR9		INSTRUMENT	ST105B	COMPUTER				1'-0"	3"	8 1/2"					
IR10		INSTRUMENT	ST105B	COMPUTER				1'-0"	3"	8 1/2"					
IR11		INSTRUMENT	ST105B	COMPUTER				1'-0"	3"	8 1/2"					
IR12		INSTRUMENT	ST105B	PRINTER				1'-0"	1'-0"	1'-0"					
IR13		INSTRUMENT	ST105B	ANALYTICAL BALANCE				8"	1'-2 1/2"	11 7/8"					
IR14		INSTRUMENT	ST105B	ANALYTICAL BALANCE				8"	1'-2 1/2"	11 7/8"					
IR15		INSTRUMENT	ST105B	ANALYTICAL BALANCE				8"	1'-2 1/2"	11 7/8"					
IR16		INSTRUMENT	ST105B	ANALYTICAL BALANCE				8"	1'-2 1/2"	11 7/8"					
IR17		INSTRUMENT	ST105B	ANALYTICAL BALANCE				8"	1'-2 1/2"	11 7/8"					
IR18		INSTRUMENT	ST105B	PUMP				8"	1'-2 1/2"	11 7/8"					
OC1		ORGANIC CHEMISTRY	ST107	OVEN				1'-0 1/4"	1'-2 1/2"	1'-5 1/2"					
OC2		ORGANIC CHEMISTRY	ST107	OVEN				1'-0 1/4"	1'-2 1/2"	1'-5 1/2"					
PR1		PREP ROOM	ST105	DISHWASHER				2'-0"	2'-0"	2'-10"					
PR2		PREP ROOM	ST105	DISHWASHER				2'-0"	2'-0"	2'-10"					
PR3		PREP ROOM	ST105	ICE MACHINE				3'-0"	2'-0"	3'-0"					
PR4		PREP ROOM	ST105	UC EXPLOSION PROOF REF				2'-0"	2'-0"	2'-10"					
PR5		PREP ROOM	ST105	PURIFICATION UNIT		IX 7003/05		1'-0 3/8"	1'-3"	1'-7"	90-255 VAC / 50-60 HZ (2 AMP)				C.F.C.I
PR5		GENERAL CHEMISTRY	ST103	PURIFICATION UNIT		IX 7003/05		1'-0 3/8"	1'-3"	1'-7"	90-255 VAC / 50-60 HZ (2 AMP)				C.F.C.I
PR5A		PREP ROOM	ST105	25 L TANK		25		1'-3 3/4"	1'-4 1/4"	1'-7 3/4"	SEE ABOVE				C.F.C.I
PR5A		GENERAL CHEMISTRY	ST103	25 L TANK		25		1'-3 3/4"	1'-4 1/4"	1'-7 3/4"	SEE ABOVE				C.F.C.I
PR5B		PREP ROOM	ST105	E-POD		E-POD		8 1/4"	1'-5 1/4"	2'-7 1/4"					C.F.C.I
PR5B		ORGANIC CHEMISTRY	ST107	E-POD		E-POD		8 1/4"	1'-5 1/4"	2'-7 1/4"					C.F.C.I
PR5B		GENERAL CHEMISTRY	ST103	E-POD		E-POD		8 1/4"	1'-5 1/4"	2'-7 1/4"					C.F.C.I

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
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315 476 1022

SEAL:

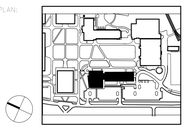
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO.	DATE	COMMENTS
1	10-27-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PLAN NORTH

PROJECT:

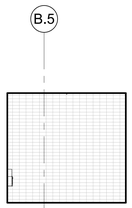
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

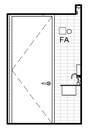
CHEMISTRY 2 – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

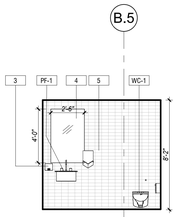
A-715



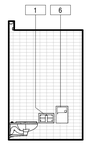
27 RESTROOM (2ND FL)- NORTH ELEVATION
SCALE: 1/4" = 1'-0"



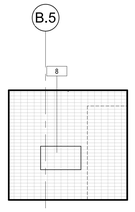
26 RESTROOM (2ND FL)- EAST ELEVATION
SCALE: 1/4" = 1'-0"



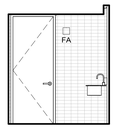
25 RESTROOM (2ND FL)- SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



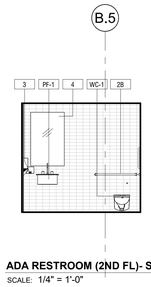
24 RESTROOM (2ND FL)- W ELEVATION
SCALE: 1/4" = 1'-0"



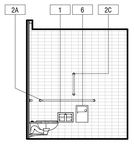
23 ADA RESTROOM (2ND FL)- N ELEVATION
SCALE: 1/4" = 1'-0"



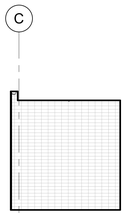
22 ADA RESTROOM (2ND FL)- E ELEVATION
SCALE: 1/4" = 1'-0"



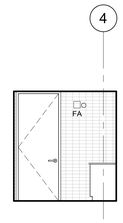
21 ADA RESTROOM (2ND FL)- S ELEVATION
SCALE: 1/4" = 1'-0"



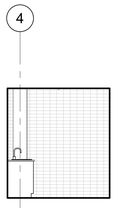
20 ADA RESTROOM (2ND FL)- W ELEVATION
SCALE: 1/4" = 1'-0"



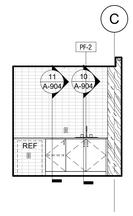
19 WELLNESS ROOM - S ELEVATION
SCALE: 1/4" = 1'-0"



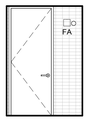
18 WELLNESS ROOM - W ELEVATION
SCALE: 1/4" = 1'-0"



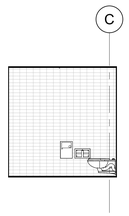
17 WELLNESS ROOM - E ELEVATION
SCALE: 1/4" = 1'-0"



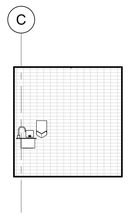
16 WELLNESS ROOM - N ELEVATION
SCALE: 1/4" = 1'-0"



15 RESTOOMS 1- W ELEVATION
SCALE: 1/4" = 1'-0"



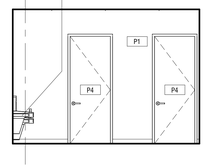
14 RESTROOM 1- N ELEVATION
SCALE: 1/4" = 1'-0"



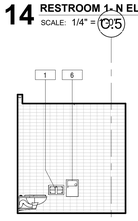
13 RESTROOM 1- S ELEVATION
SCALE: 1/4" = 1'-0"



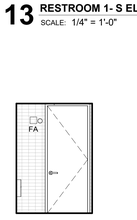
12 RESTROOM 1- E ELEVATION
SCALE: 1/4" = 1'-0"



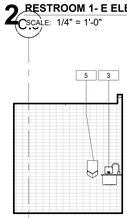
11 RESTROOM CORRIDOR- EAST ELEVATION
SCALE: 1/4" = 1'-0"



10 RESTROOM (1ST FLOOR HEAD)- NORTH ELEVATION
SCALE: 1/4" = 1'-0"



09 RESTROOM (1ST FLOOR HEAD)- EAST ELEVATION
SCALE: 1/4" = 1'-0"



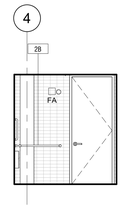
08 RESTROOM (1ST FLOOR HEAD)- SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



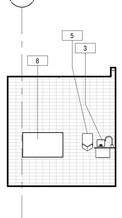
07 RESTROOM (1ST FLOOR HEAD)- WEST ELEVATION
SCALE: 1/4" = 1'-0"



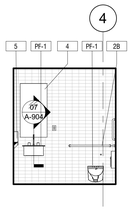
06 ADA RESTROOM (1ST FLOOR)- NORTH ELEVATION
SCALE: 1/4" = 1'-0"



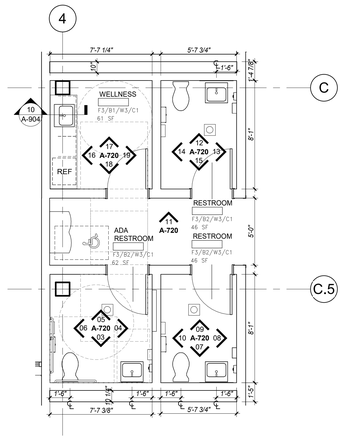
05 ADA RESTROOM (1ST FLOOR)- EAST ELEVATION
SCALE: 1/4" = 1'-0"



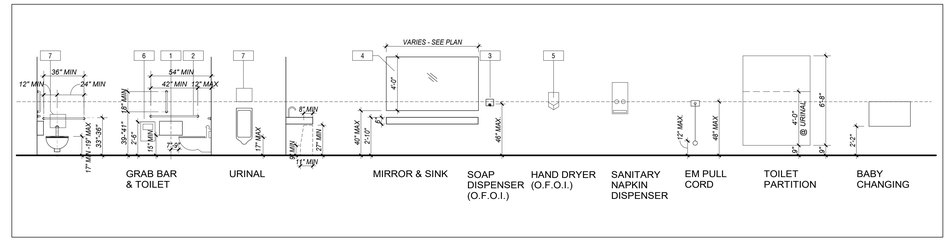
04 ADA RESTROOM (1ST FLOOR)- SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



03 ADA RESTROOM (1ST FLOOR)- WEST ELEVATION
SCALE: 1/4" = 1'-0"

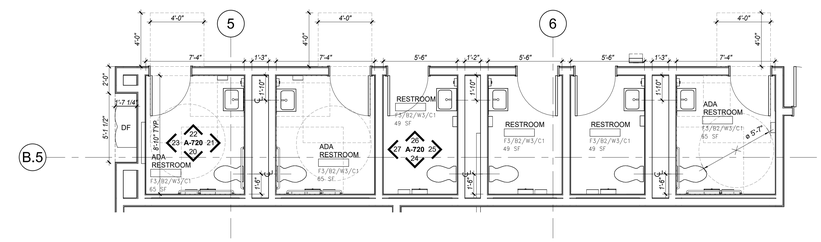


01 FIRST FLOOR PLAN - HEAD - Callout 1
SCALE: 1/4" = 1'-0"



TOILET MOUNTING NEW
SCALE: 1/4" = 1'-0"

1 JUMBO ROLL TOILET PAPER DISPENSER
2A S.S. GRAB BAR, 42"
2B S.S. GRAB BAR, 36"
2C S.S. GRAB BAR, VERTICAL 18"
3 WALL-MOUNTED SOAP DISPENSER (O.F.O.I.)
4 S.S. FRAMED MIRROR
5 HAND DRYER (O.F.O.I.)
6 SANITARY NAPKIN DISPOSAL
7 WALL-MOUNTED FLUSHOMETER VALVE
8 BABY CHANGING STATION (RECESSED)



02 SECOND FLOOR - RESTROOMS
SCALE: 1/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

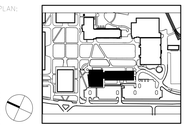
SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

NO.	DATE	COMMENTS
	09.23.25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

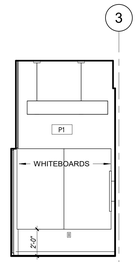
KEY PLAN:


PROJECT:
SCIENCE & TECHNOLOGY BUILDING

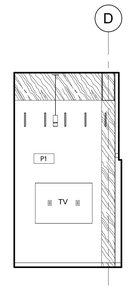
DRAWING TITLE:
RESTROOM – ENLARGED PLAN AND ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/4" = 1'-0"

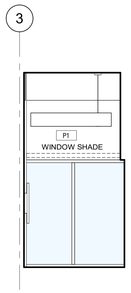
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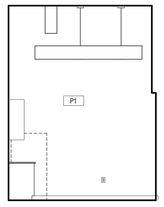
17 **BREAKOUT (ST206) - EAST ELEVATION**
SCALE: 1/4" = 1'-0"



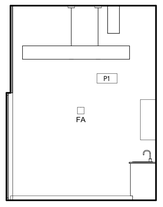
18 **BREAKOUT (ST206) - SOUTH ELEVATION**
SCALE: 1/4" = 1'-0"



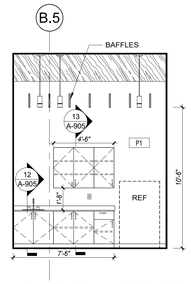
16 **BREAKOUT (ST206) - WEST ELEVATION**
SCALE: 1/4" = 1'-0"



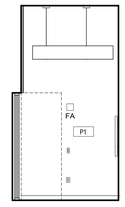
15 **PANTRY (ST203) - EAST ELEVATION**
SCALE: 1/4" = 1'-0"



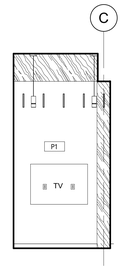
14 **PANTRY (ST203) - WEST ELEVATION**
SCALE: 1/4" = 1'-0"



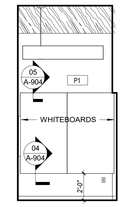
13 **PANTRY (ST203) - NORTH ELEVATION**
SCALE: 1/4" = 1'-0"



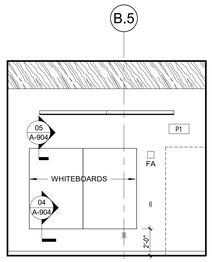
12 **BREAKOUT (ST204) - EAST ELEVATION**
SCALE: 1/4" = 1'-0"



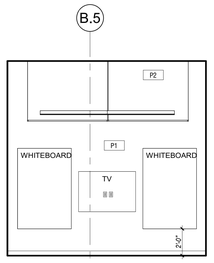
11 **BREAKOUT (ST204) - SOUTH ELEVATION**
SCALE: 1/4" = 1'-0"



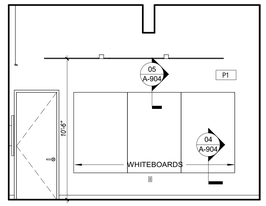
10 **BREAKOUT (ST204) - WEST ELEVATION**
SCALE: 1/4" = 1'-0"



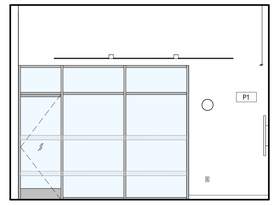
09 **MEETING ROOM (ST201) - NORTH ELEVATION**
SCALE: 1/4" = 1'-0"



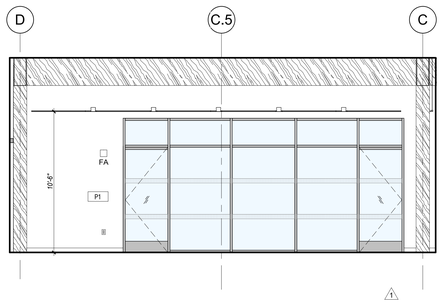
08 **MEETING ROOM (ST201) - SOUTH ELEVATION**
SCALE: 1/4" = 1'-0"



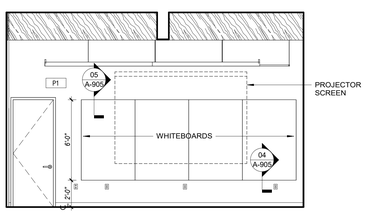
07 **MEETING ROOM (ST201) - WEST ELEVATION**
SCALE: 1/4" = 1'-0"



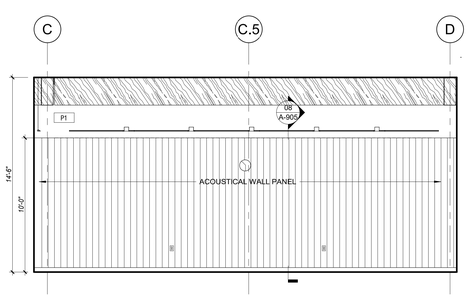
06 **MEETING ROOM (ST201) - EAST ELEVATION**
SCALE: 1/4" = 1'-0"



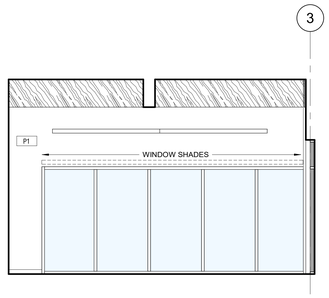
05 **MEETING ROOM (ST205) - NORTH ELEVATION**
SCALE: 1/4" = 1'-0"



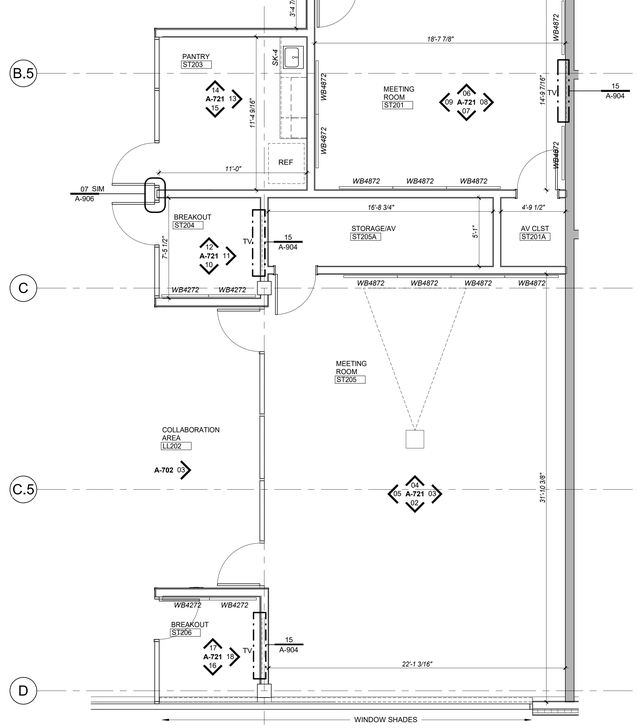
04 **MEETING ROOM (ST205) - EAST ELEVATION**
SCALE: 1/4" = 1'-0"



03 **MEETING ROOM (ST205) - SOUTH ELEVATION**
SCALE: 1/4" = 1'-0"



02 **MEETING ROOM (ST205) - WEST ELEVATION**
SCALE: 1/4" = 1'-0"



01 **ENLARGED PLAN - MEETING ROOMS (2ND FLOOR)**
SCALE: 1/4" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
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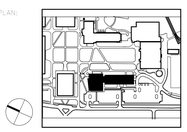
EXPIRATION DATE: 05-31-2026

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KEY PLAN:



PLAN NORTH

PROJECT:

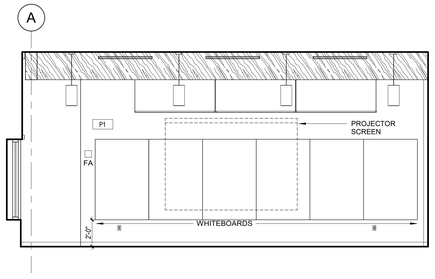
SCIENCE & TECHNOLOGY BUILDING

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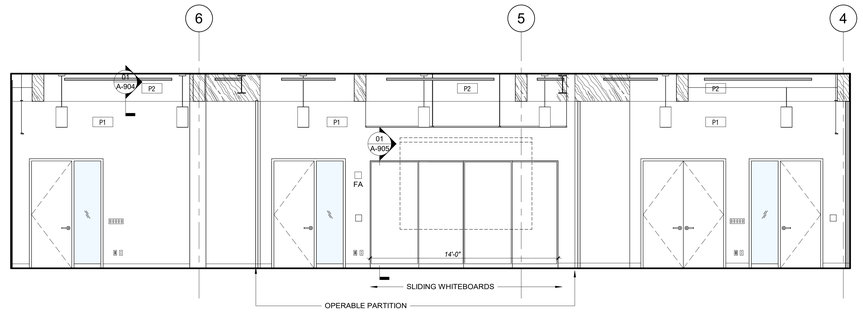
MEETING ROOM – ENLARGED PLAN AND ELEVATIONS

PROJECT NO: 23000	DATE: 9/25/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/4" = 1'-0"

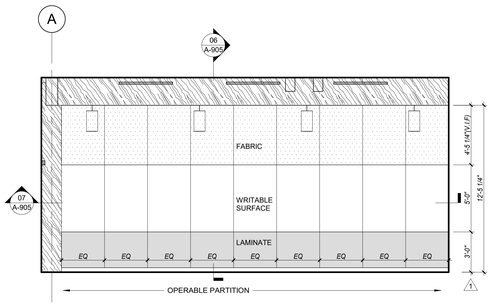
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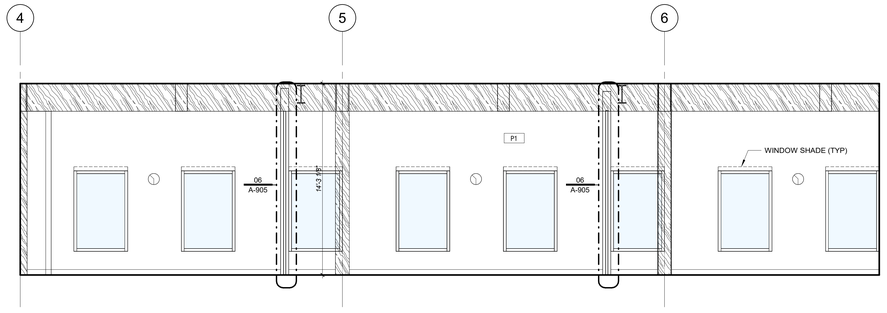
07 COLLABORATION SPACE - SOUTH ELEVATION 1
SCALE: 1/4" = 1'-0"



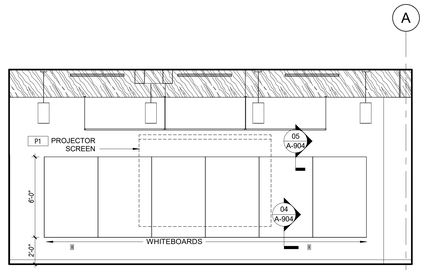
06 COLLABORATION SPACE - WEST ELEVATION
SCALE: 1/4" = 1'-0"



05 COLLABORATION SPACE @ OPERABLE PARTITION - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



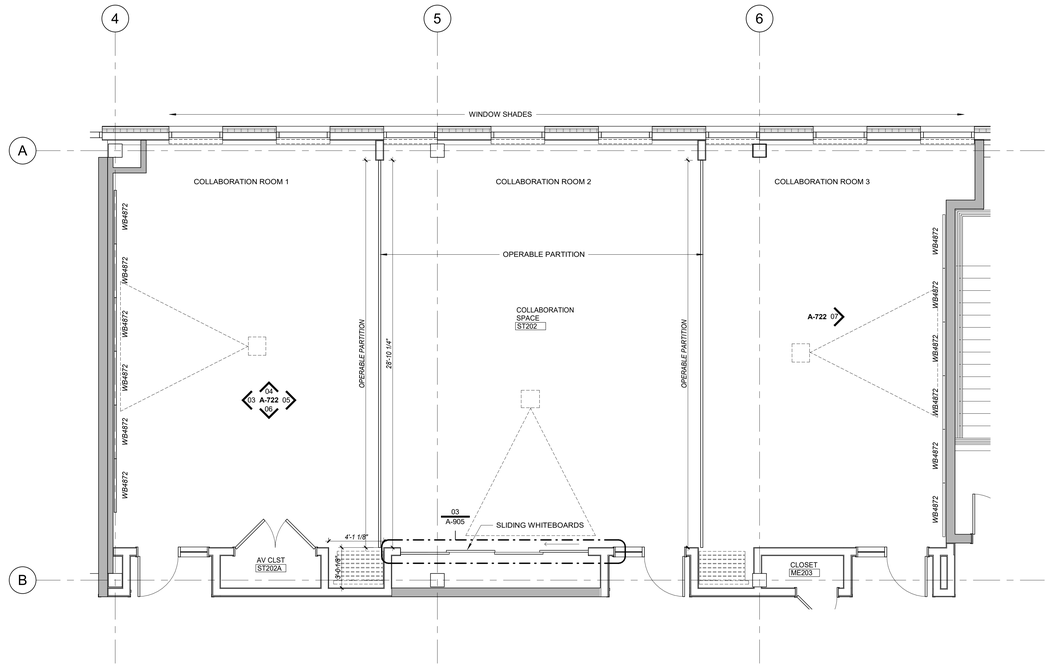
04 COLLABORATION SPACE - EAST ELEVATION
SCALE: 1/4" = 1'-0"



03 COLLABORATION SPACE - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



02 ENLARGED RCP - COLLABORATION SPACE
SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - COLLABORATION SPACE
SCALE: 1/4" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
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STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

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Towne Engineering
18 South Street
Utica, NY 13501
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102 West Division Street, Suite 100
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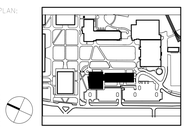
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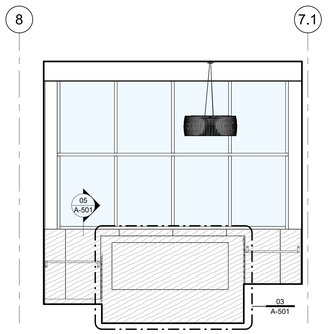
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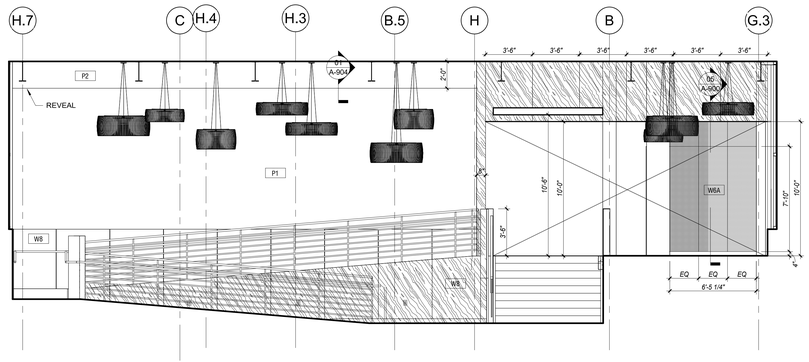
COLLABORATION SPACE – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
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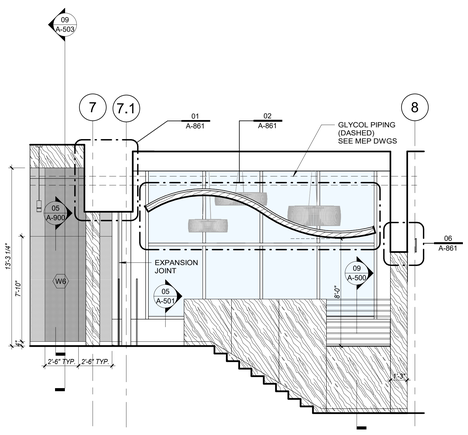
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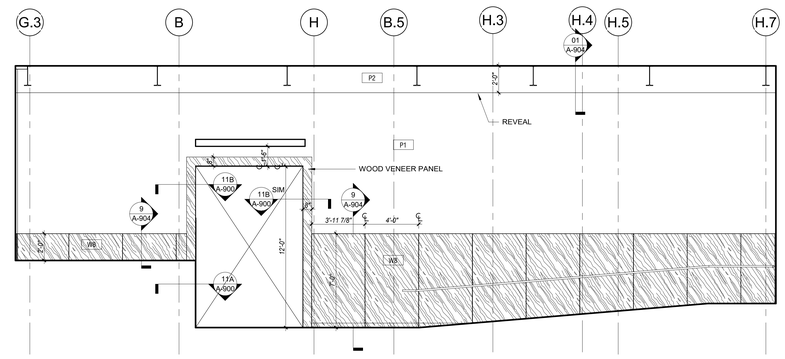
05 CONNECTOR - W ELEVATION
SCALE: 1/4" = 1'-0"



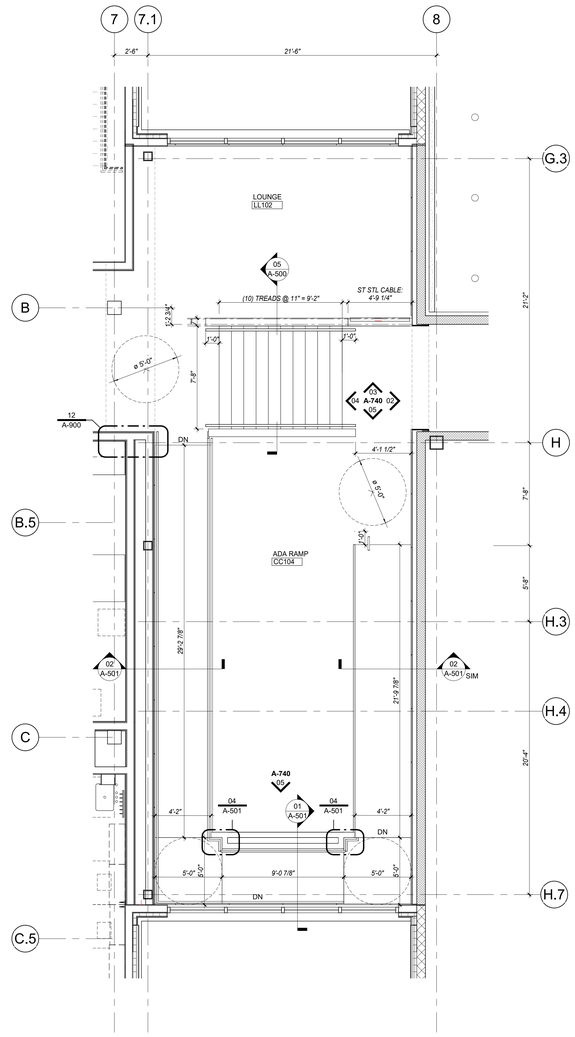
04 CONNECTOR (CC104) - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



03 CONNECTOR (CC104) - EAST ELEVATION
SCALE: 1/4" = 1'-0"



02 CONNECTOR (CC104) - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



01 CONNECTOR LOUNGE (CC104) - ENLARGED PLAN
SCALE: 1/4" = 1'-0"

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MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
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212 663 4000

STRUCTURAL ENGINEER:
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1721 Black River Blvd, Suite L-1
Rome, NY 13440
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Utica, NY 13501
315 733 9000

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015807
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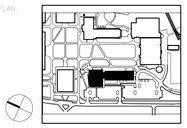
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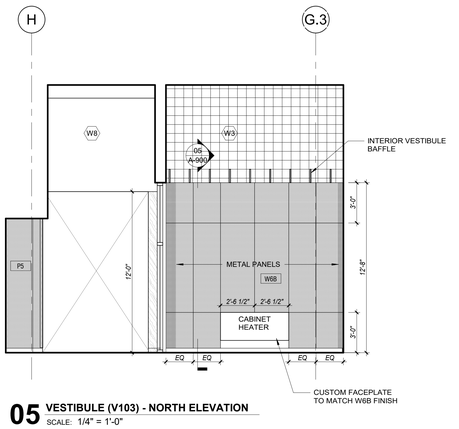
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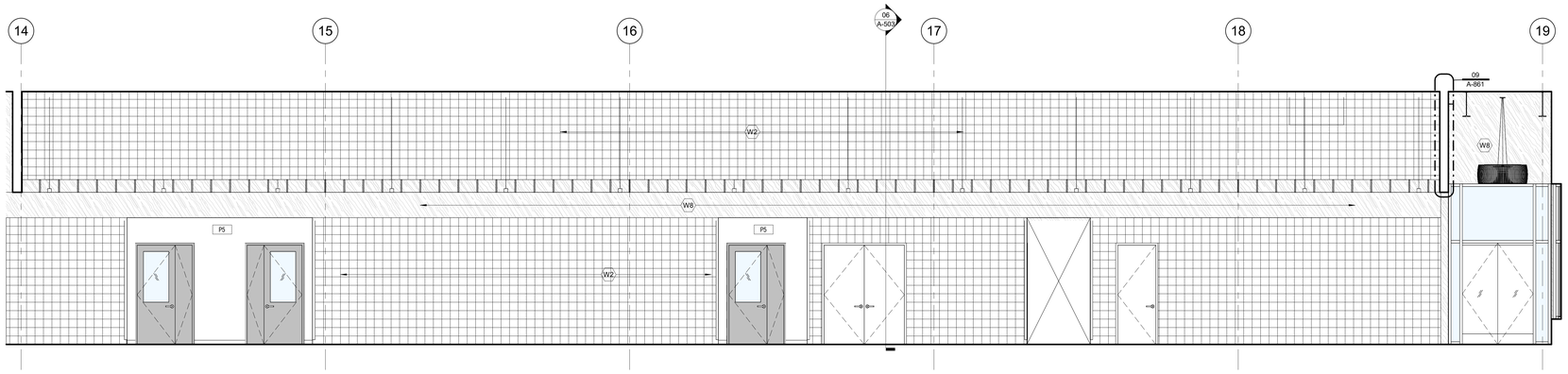
CONNECTOR LOUNGE – ENLARGED PLANS & ELEVATIONS

PROJECT NO: 23000 | DATE: 9/23/2025
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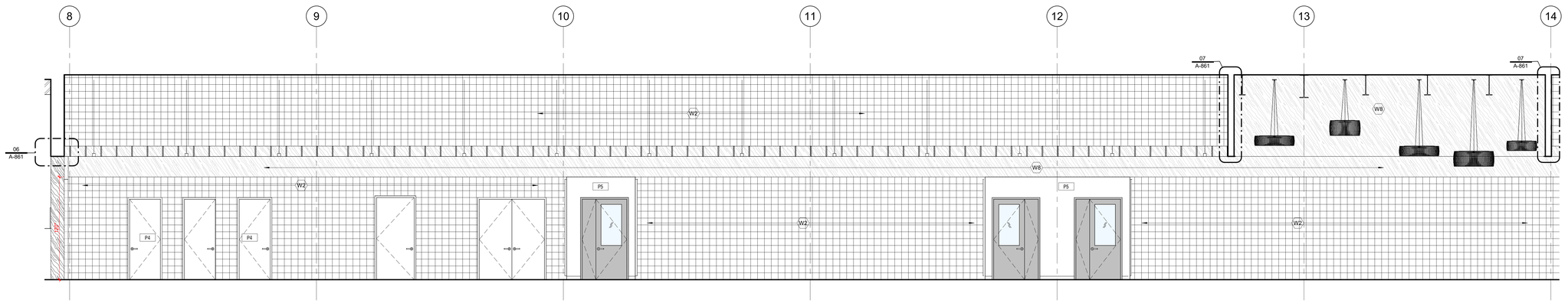
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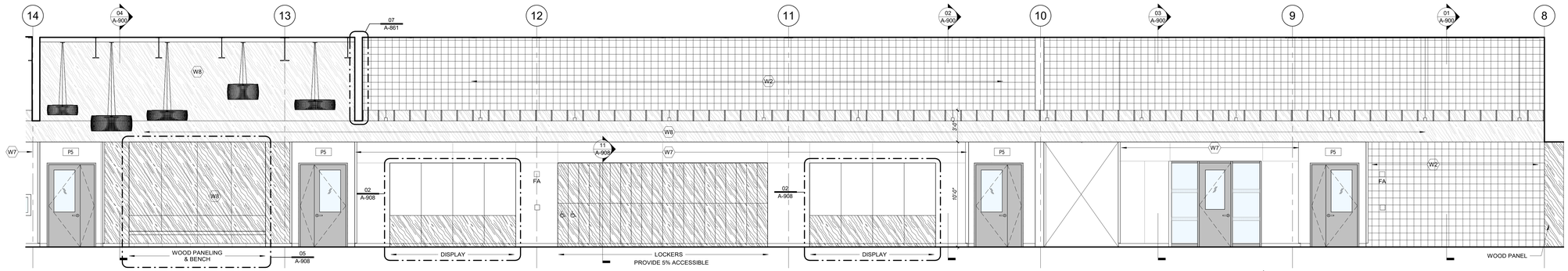
05 VESTIBULE (V103) - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



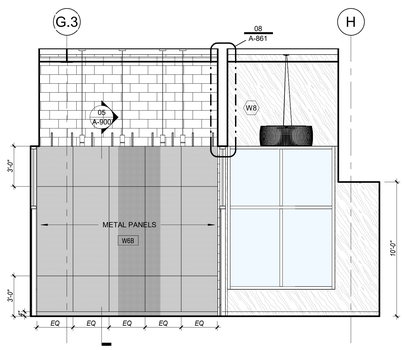
04 SHED CORRIDOR (CR105) - EAST ELEVATION
SCALE: 1/4" = 1'-0"



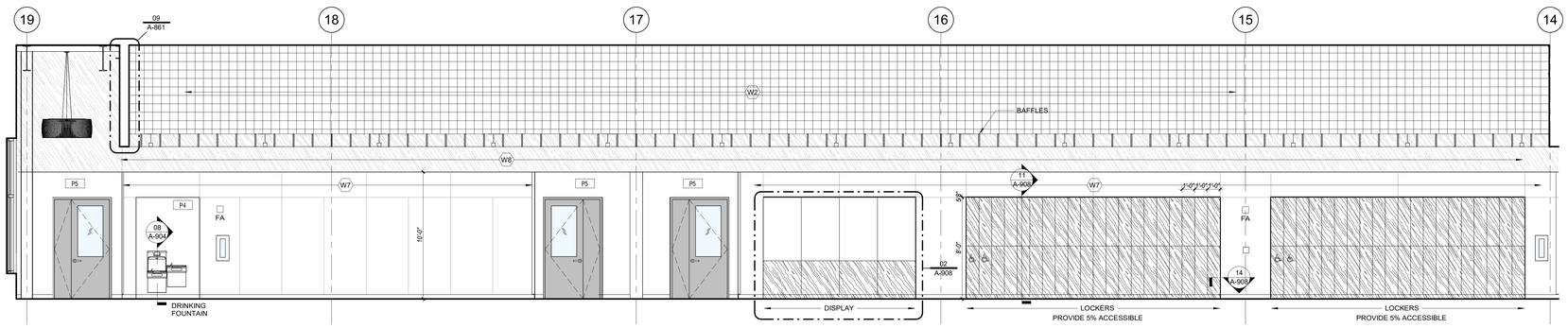
03 SHED CORRIDOR (CR105) - EAST ELEVATION cont.
SCALE: 1/4" = 1'-0"



02 SHED CORRIDOR (CR105) - WEST ELEVATION Cont.
SCALE: 1/4" = 1'-0"



06 VESTIBULE (V103) SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



01 SHED CORRIDOR (CR105) - WEST ELEVATION
SCALE: 1/4" = 1'-0"

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1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
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Interactive Engineering Solutions, PC
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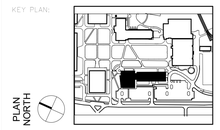
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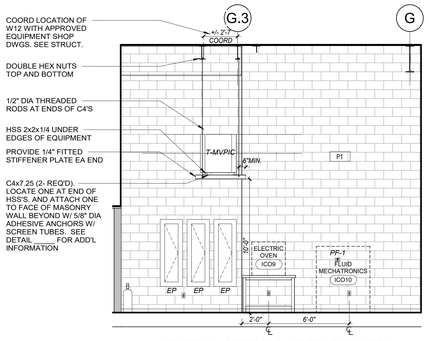
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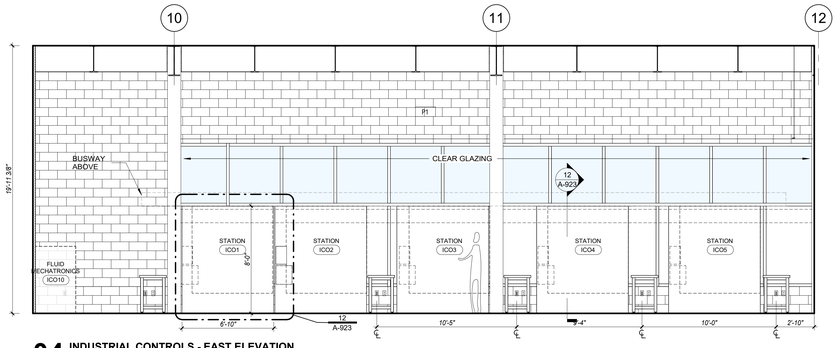
SHED – CORRIDOR ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/4" = 1'-0"

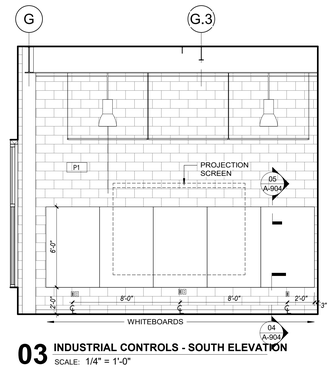
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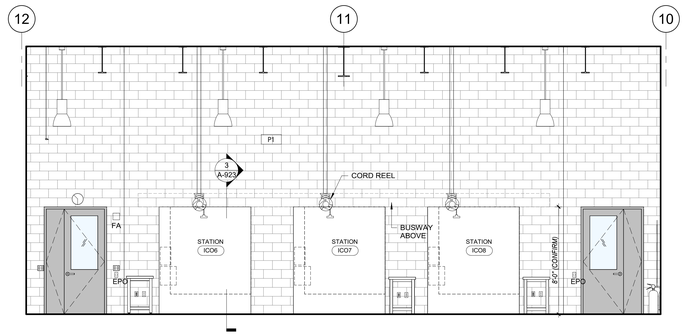
05 INDUSTRIAL CONTROLS - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



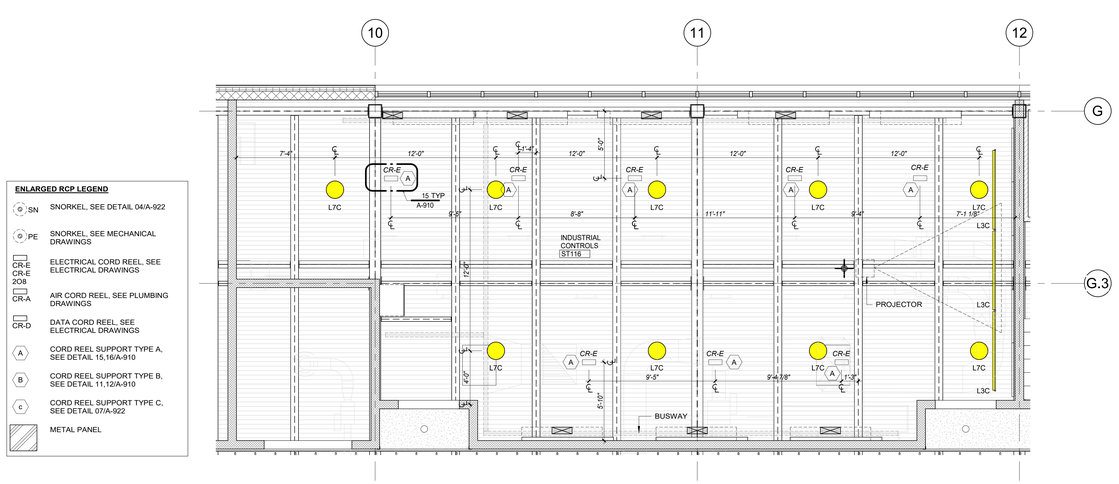
04 INDUSTRIAL CONTROLS - EAST ELEVATION
SCALE: 1/4" = 1'-0"



03 INDUSTRIAL CONTROLS - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



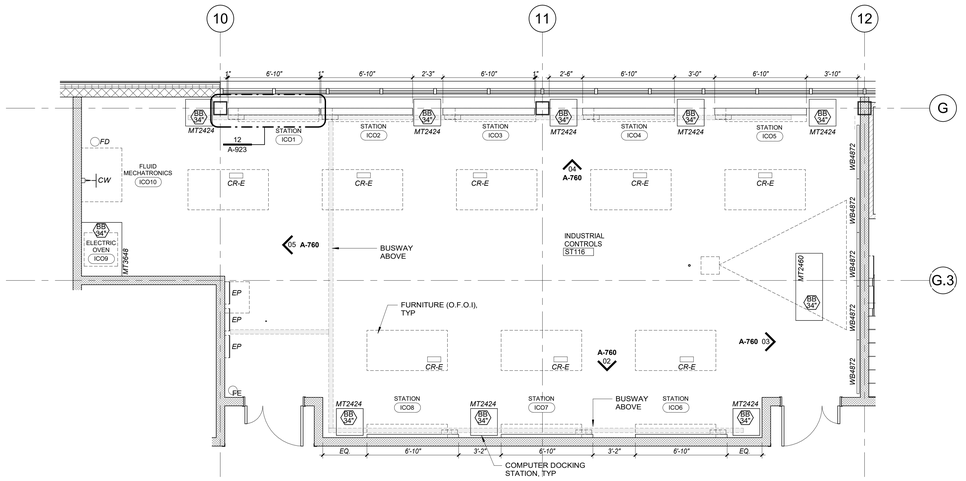
02 INDUSTRIAL CONTROLS - WEST ELEVATION
SCALE: 1/4" = 1'-0"



ENLARGED RCP LEGEND

SN	SNORKEL, SEE DETAIL 04/A-922
PE	SNORKEL, SEE MECHANICAL DRAWINGS
CR-E CR-E 2O8	ELECTRICAL CORD REEL, SEE ELECTRICAL DRAWINGS
CR-A	AIR CORD REEL, SEE PLUMBING DRAWINGS
CR-D	DATA CORD REEL, SEE ELECTRICAL DRAWINGS
A	CORD REEL SUPPORT TYPE A, SEE DETAIL 15,16/A-910
B	CORD REEL SUPPORT TYPE B, SEE DETAIL 11,12/A-910
C	CORD REEL SUPPORT TYPE C, SEE DETAIL 07/A-922
	METAL PANEL

6 ENLARGED RCP - INDUSTRIAL CONTROLS
SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - INDUSTRIAL CONTROLS (ST116)
SCALE: 1/4" = 1'-0"

GENERAL NOTES - LAB EQUIPMENT

1) ALL LAB EQUIPMENT ITEMS LISTED HEREIN ARE OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I) UNLESS NOTED OTHERWISE.
2) THIS SCHEDULE IS FOR REFERENCE AND COORDINATION PURPOSE ONLY. SEE M/EP DRAWING FOR ASSOCIATED SERVICES WITHIN THE PROJECT SCOPE.
3) ALL ASSOCIATED CONNECTED MEP SERVICES AND DISTRIBUTION, LAB SERVICE FIXTURES AND FITTINGS, AND REQUIRED SUPPORT HANGERS SHALL BE CONTRACTOR FURNISHED CONTRACTOR INSTALLED (C.F.C.I.).

EQUIPMENT SCHEDULE - INDUSTRIAL CONTROLS

EQUIPMENT NO.	EXISTING ROOM NO.	ROOM	ROOM NO.	EQUIPMENT NAME	MANUFACTURER	MODEL NO.	SERIAL NO.	W	D	H	ELEC	HVAC	AIR	GASES	COMMENTS
ICO1		INDUSTRIAL CONTROLS	ST116	STATION				6'-0"	1'-0"	6'-6"	600V, 50A				
ICO2		INDUSTRIAL CONTROLS	ST116	STATION				6'-0"	1'-0"	6'-6"	600V, 50A				
ICO3		INDUSTRIAL CONTROLS	ST116	STATION				6'-0"	1'-0"	6'-6"	600V, 50A				
ICO4		INDUSTRIAL CONTROLS	ST116	STATION				6'-0"	1'-0"	6'-6"	600V, 50A				
ICO5		INDUSTRIAL CONTROLS	ST116	STATION				6'-0"	1'-0"	6'-6"	600V, 50A				
ICO6		INDUSTRIAL CONTROLS	ST116	STATION				6'-0"	1'-0"	6'-6"	600V, 50A				
ICO7		INDUSTRIAL CONTROLS	ST116	STATION				6'-0"	1'-0"	6'-6"	600V, 50A				
ICO8		INDUSTRIAL CONTROLS	ST116	STATION				6'-0"	1'-0"	6'-6"	600V, 50A				
ICO9		INDUSTRIAL CONTROLS	ST116	ELECTRIC OVEN				2'-6"	2'-6"	2'-6"	120V, 20A				
ICO10		INDUSTRIAL CONTROLS	ST116	FLUID MECHATRONICS	TURBINE TECHNOLOGIES	FLUIDMEC HATRONIX		4'-0"	3'-0"	5'-0"	220V (SPh), 20A				

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

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Utica, New York 13501
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Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
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Towne Engineering
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Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

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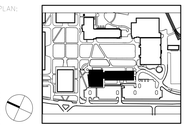
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO.	DATE	COMMENTS
3	09-23-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PROJECT:

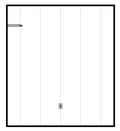
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

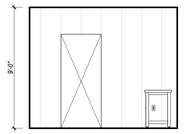
INDUSTRIAL CONTROLS – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: As Indicated

A-760



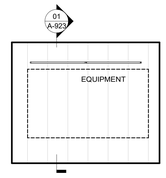
13 ELEC CODES RM 3,4,5,6 - N ELEVATION, TYP.
SCALE: 1/4" = 1'-0"



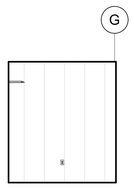
12 ELEC CODES RM 3,4,5,6 - E ELEVATION TYP.
SCALE: 1/4" = 1'-0"



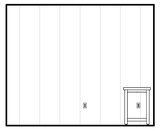
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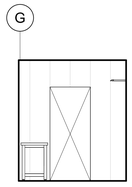
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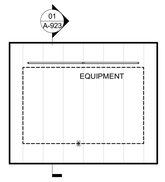
09 ELEC CODES RM 1,2 - N ELEVATION, TYP.
SCALE: 1/4" = 1'-0"



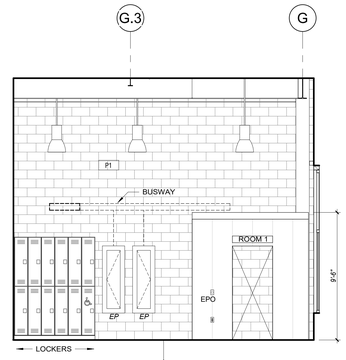
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SCALE: 1/4" = 1'-0"



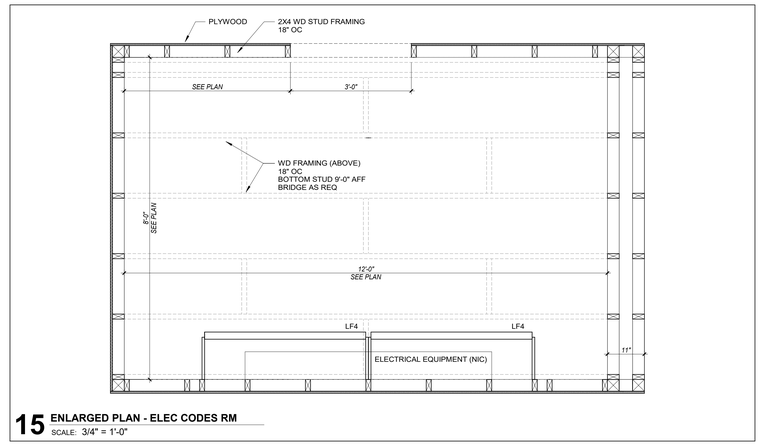
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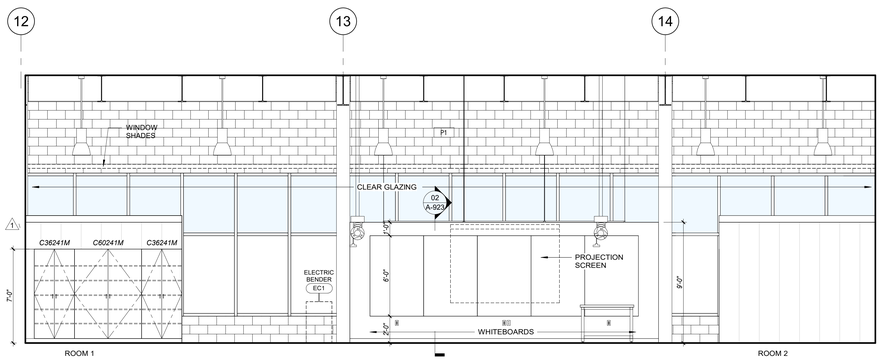
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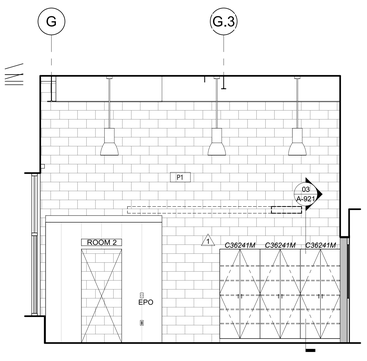
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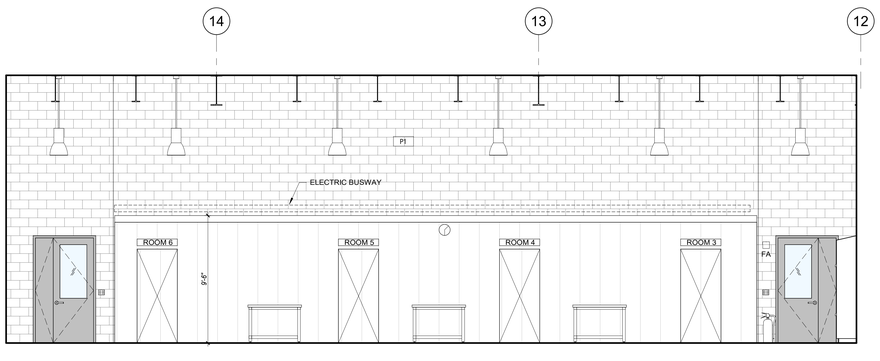
15 ENLARGED PLAN - ELEC CODES RM
SCALE: 3/4" = 1'-0"



04 ELEC CODES - E ELEVATION
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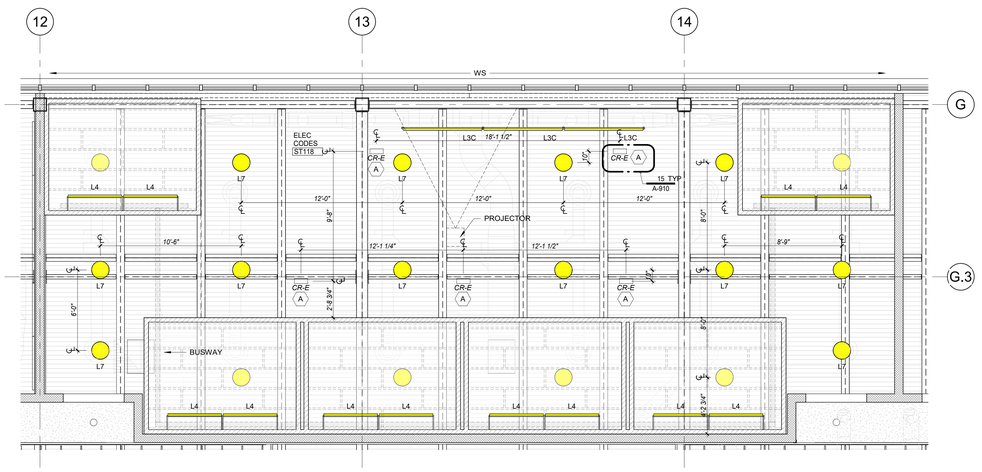
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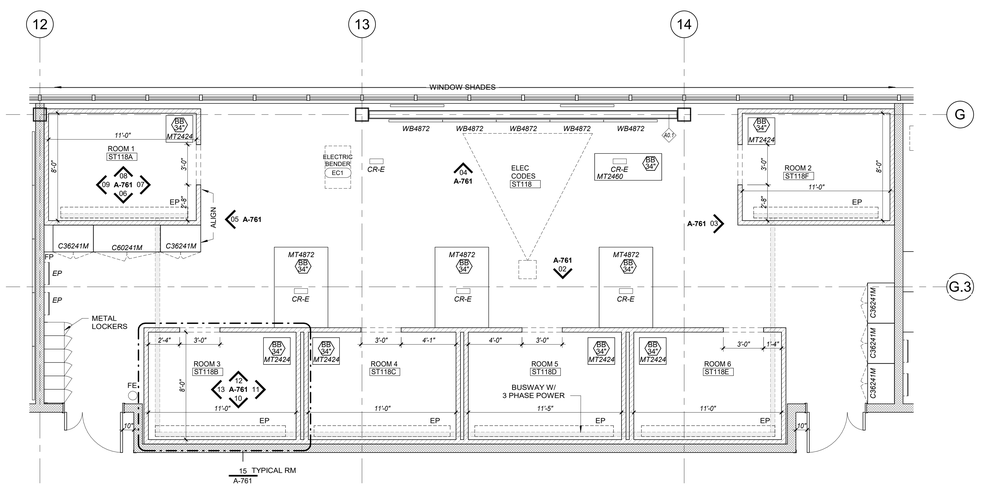
02 ELEC CODES - W ELEVATION
SCALE: 1/4" = 1'-0"

ENLARGED RCP LEGEND

SN	SNORKEL, SEE DETAIL 04/A-922
PE	SNORKEL, SEE MECHANICAL DRAWINGS
CR-E CR-E 208	ELECTRICAL CORD REEL, SEE ELECTRICAL DRAWINGS
CR-A	AIR CORD REEL, SEE PLUMBING DRAWINGS
CR-D	DATA CORD REEL, SEE ELECTRICAL DRAWINGS
A	CORD REEL SUPPORT TYPE A, SEE DETAIL 15,16/A-910
B	CORD REEL SUPPORT TYPE B, SEE DETAIL 11,12/A-910
C	CORD REEL SUPPORT TYPE C, SEE DETAIL 07/A-922
	METAL PANEL



14 ENLARGED RCP - ELEC CODES
SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - ELECTRICAL CODES (ST118)
SCALE: 1/4" = 1'-0"

GENERAL NOTES - LAB EQUIPMENT

1) ALL LAB EQUIPMENT ITEMS LISTED HEREIN ARE OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I) UNLESS NOTED OTHERWISE.
2) THIS SCHEDULE IS FOR REFERENCE AND COORDINATION PURPOSE ONLY. SEE M/E/P DRAWING FOR ASSOCIATED SERVICES WITHIN THE PROJECT SCOPE.
3) ALL ASSOCIATED CONNECTED MEP SERVICES AND DISTRIBUTION, LAB SERVICE FIXTURES AND FITTINGS, AND REQUIRED SUPPORT HANGERS SHALL BE CONTRACTOR FURNISHED CONTRACTOR INSTALLED (C.F.C.I.).

EQUIPMENT SCHEDULE - ELEC CODES

EQUIPMENT NO.	EXISTING ROOM NO.	ROOM	ROOM NO.	EQUIPMENT NAME	MANUFACTURER	MODEL NO.	SERIAL NO.	W	D	H	ELEC	HVAC	AIR	GASES	COMMENTS
EC1		ELEC CODES	ST118	ELECTRIC BENDER				1'-11"	3'-2"	3'-1"					W/ ASSOC. SHOP FOX DUST CONTAINMENT

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

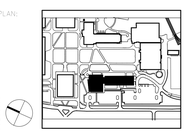
SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO.	DATE	COMMENTS
1	9-23-25	REBID & CONSTRUCTION

COPYRIGHT OF THESE PLANS SHOULD APPLY TO THE ARCHITECT AND SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR AGREEMENT OF THE ARCHITECT. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND BE RESPONSIBLE FOR THE SAME. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY VARIATIONS BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:

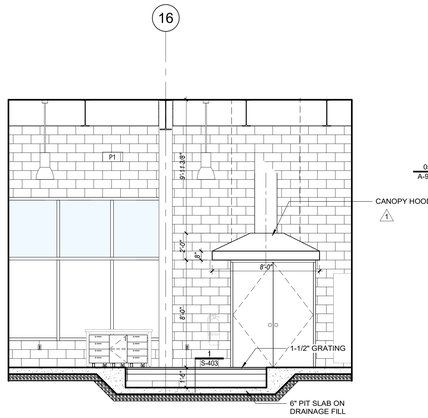


PROJECT:
SCIENCE & TECHNOLOGY BUILDING

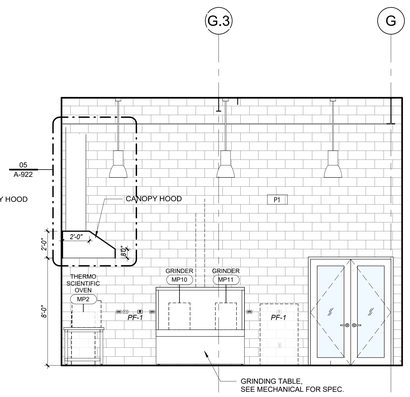
DRAWING TITLE:
ELEC CODES – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

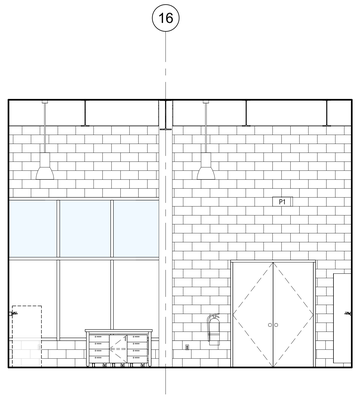
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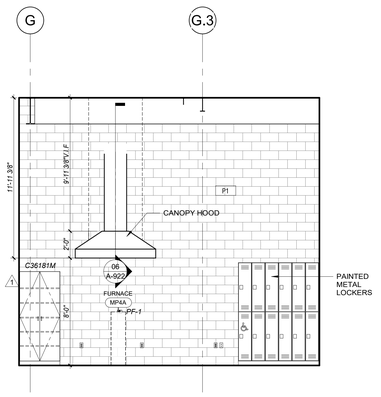
11 MATERIAL PROCESS (ST122) - SECTION THRU SAND PIT
SCALE: 1/4" = 1'-0"



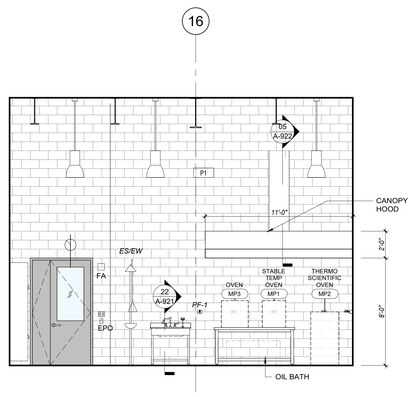
09 MATERIAL PROCESS (ST122) - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



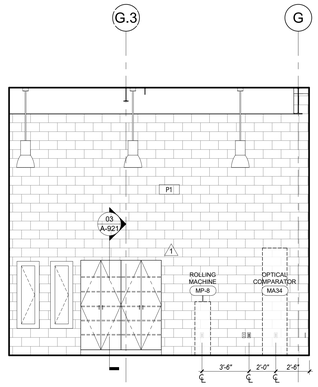
08 MATERIAL PROCESS (ST122) - EAST ELEVATION
SCALE: 1/4" = 1'-0"



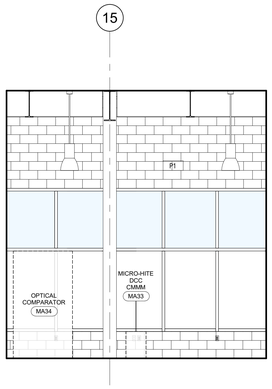
07 MATERIAL PROCESS (ST122) - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



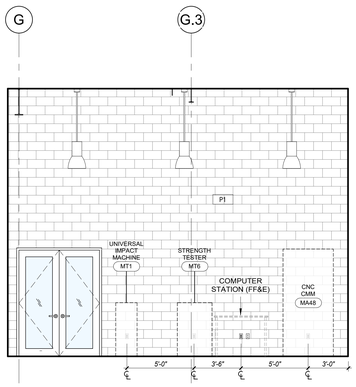
06 MATERIAL PROCESS (ST122) - WEST ELEVATION
SCALE: 1/4" = 1'-0"



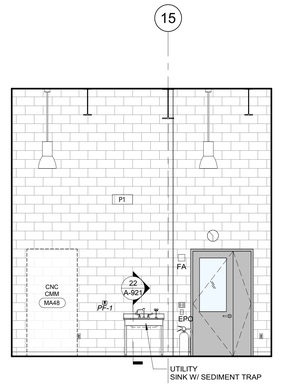
05 MATERIAL TESTING (ST120)- NORTH ELEVATION
SCALE: 1/4" = 1'-0"



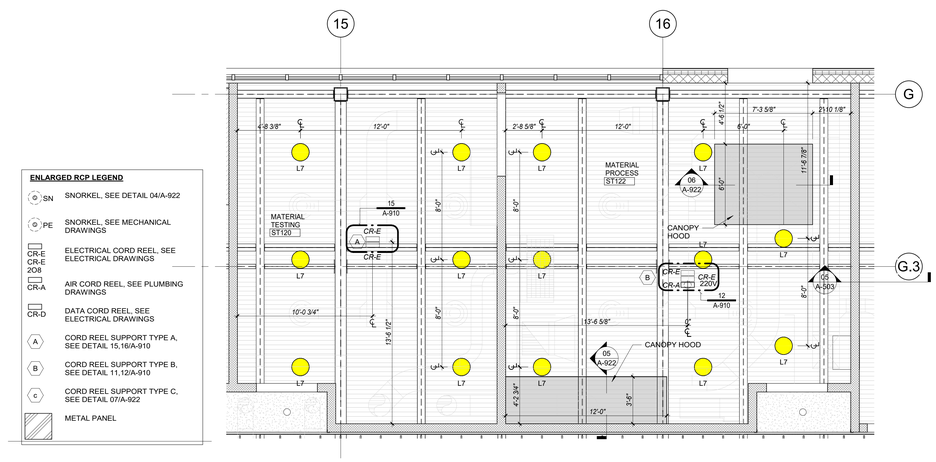
04 MATERIAL TESTING (ST120) - EAST ELEVATION
SCALE: 1/4" = 1'-0"



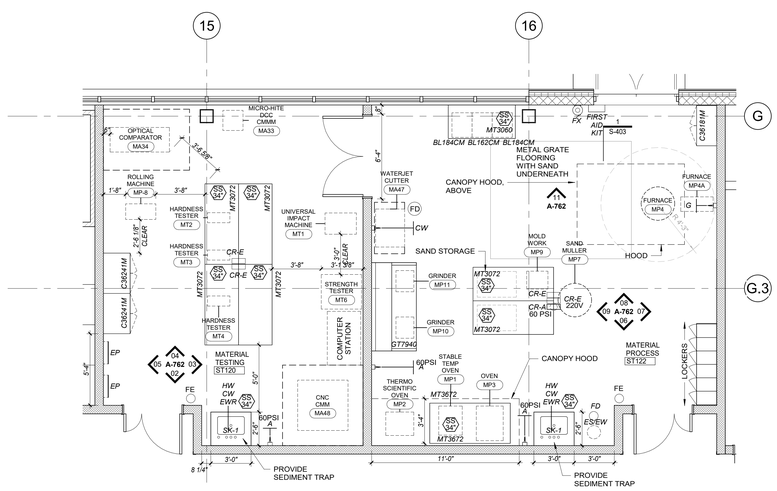
03 MATERIAL TESTING (ST120) - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



02 MATERIAL TESTING (ST120) - WEST ELEVATION
SCALE: 1/4" = 1'-0"



10 ENLARGED RCP - MATERIAL TESTING & PROCESS
SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - MATERIAL TESTING (ST120) & MATERIAL PROCESS (ST122)
SCALE: 1/4" = 1'-0"

GENERAL NOTES - LAB EQUIPMENT

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EQUIPMENT SCHEDULE - MATERAL TESTING & PROCESS

EQUIPMENT NO.	EXISTING ROOM NO.	ROOM	ROOM NO.	EQUIPMENT NAME	MANUFACTURER	MODEL NO.	SERIAL NO.	W	D	H	ELEC	HVAC	AIR	GASES	COMMENTS
MA33		MATERIAL TESTING	ST120	MICRO-HITE DCC CMMM	BROWN AND SHARP			1'-6"	1'-6"	2'-0"					
MA34		MATERIAL TESTING	ST120	OPTICAL COMPARATOR	JONES AND LAMSON	TC-14		4'-5"	1'-10"	8'-0"					
MA47		MATERIAL PROCESS	ST122	WATERJET CUTTER	WAZER			2'-10"	2'-2"	4'-7"	220V		YES		Water Input and Drainage would be Required
MA48		MATERIAL TESTING	ST120	CNC CMM	MITUTOYO	MiSTAR 555 CMM		3'-9"	3'-9"	8'-0"					
MP1		MATERIAL PROCESS	ST122	STABLE TEMP OVEN	LINDBERG/BLUE COLE-PARMER	STABLE TEMP		1'-9"	2'-2"	2'-0"	240V, 20A				
MP2		MATERIAL PROCESS	ST122	THERMO SCIENTIFIC OVEN	LINDBERG/BLUE A4: J4e COLE PALMER	BF51732C-1		2'-1"	1'-9"	4'-0"	208/240V, 19A				UNDER HOOD
MP3		MATERIAL PROCESS	ST122	OVEN	LINDBERG BLUE	LBF333C		2'-0"	2'-7"	2'-0"	240V, 25A				W/ ASSOC. CONTROLLER
MP4		MATERIAL PROCESS	ST122	FURNACE	JOHNSON GAS APPLIANCE	920		2'-6"	2'-6"	4'-0"	120V, 20A			GAS	
MP4A		MATERIAL PROCESS	ST122	FURNACE				2'-5"	1'-1"	4'-0"					
MP7	108	MATERIAL PROCESS	ST122	SAND MULLER	SWIF-MUL	ML-65		2'-6"	2'-6"	4'-0"	115V, 13.2A				
MP9		MATERIAL PROCESS	ST122	MOLD WORK				1'-7"	1'-4"	2'-0"	120V, 5A				
MP10		MATERIAL PROCESS	ST122	GRINDER				1'-7"	1'-4"	2'-0"	120V, 5A				ASSOC. COOLER
MP11		MATERIAL PROCESS	ST122	GRINDER	BEUHLER	SURFMET		1'-7"	1'-4"	2'-0"	120V, 5A				ASSOC. COOLER
MT1	108	MATERIAL TESTING	ST120	UNIVERSAL IMPACT MACHINE	SONNTAG	SI-1		1'-7"	2'-4"	4'-0"					
MT2	108	MATERIAL TESTING	ST120	HARDNESS TESTER	WILSON ROCKWELL	3JR		1'-8"	9"	2'-0"	120V, 5A				GREEN COLOR
MT3	108	MATERIAL TESTING	ST120	HARDNESS TESTER	WILSON ROCKWELL	3QR		1'-8"	9"	2'-0"	120V, 5A				BLACK COLOR
MT4	108	MATERIAL TESTING	ST120	HARDNESS TESTER	WILSON ROCKWELL	4TY		1'-8"	9"	2'-0"	120V, 5A				BLACK COLOR, RED #155
MT6	108	MATERIAL TESTING	ST120	STRENGTH TESTER	TINIUS OLSEN	MODEL 602		3'-0"	2'-7"	4'-0"	000LBF				

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

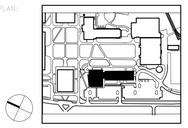
SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:
REGISTERED ARCHITECT JAMES R. BRADSHAW 015807 STATE OF NEW YORK
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

NO.	DATE	COMMENTS
	09-23-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

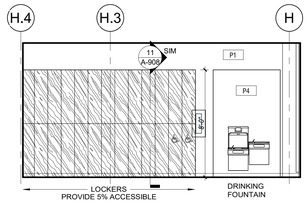
KEY PLAN:


PROJECT:
SCIENCE & TECHNOLOGY BUILDING

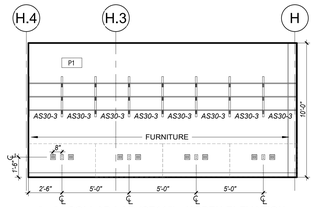
DRAWING TITLE:
MATERIAL TESTING & PROCESS – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: As Indicated

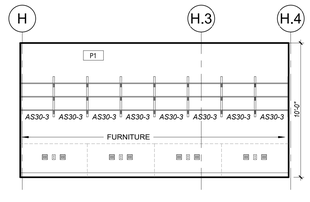
A-762



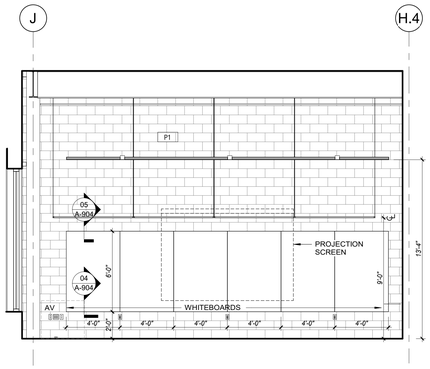
12 CORRIDOR - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



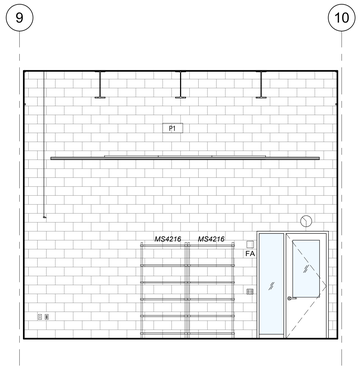
11 COLLAB LAB (ST115) - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



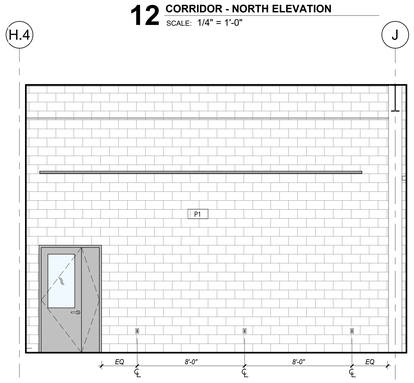
10 COLLAB LAB (ST115) - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



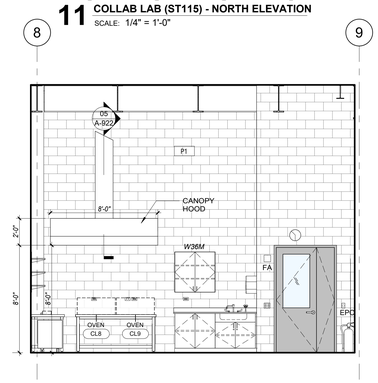
09 CAD LAB (ST117) - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



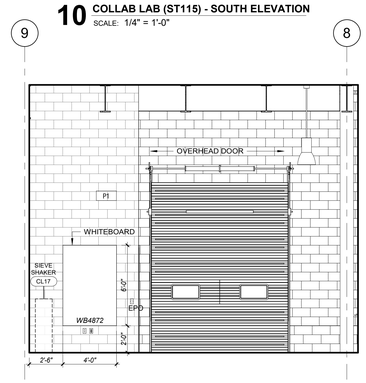
08 CAD LAB (ST117) - EAST ELEVATION
SCALE: 1/4" = 1'-0"



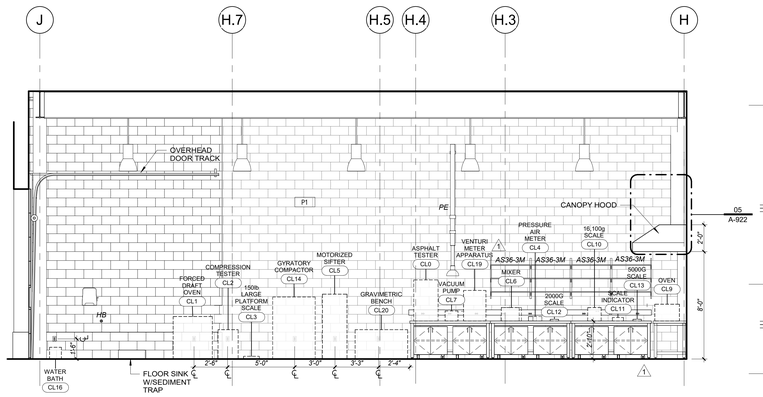
07 CAD LAB (ST117) - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



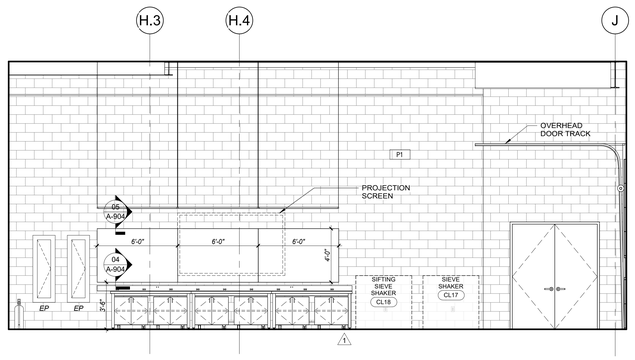
04 CIVIL LAB (ST113) - EAST ELEVATION
SCALE: 1/4" = 1'-0"



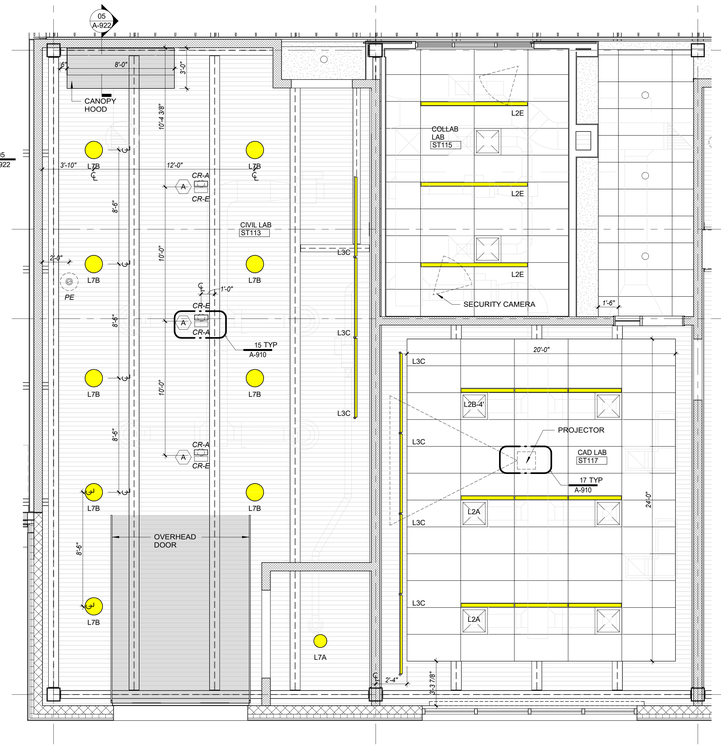
02 CIVIL LAB (ST113) - WEST ELEVATION
SCALE: 1/4" = 1'-0"



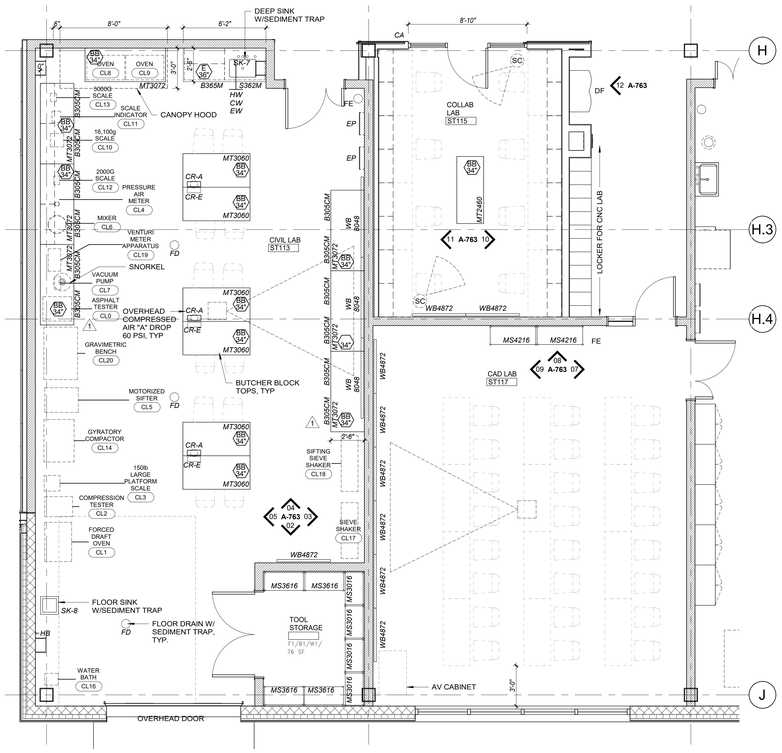
05 CIVIL LAB (ST113) - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



03 CIVIL LAB (ST113) - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



06 ENLARGED RCP - CIVIL & CAD LAB
SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - CIVIL LAB, CAD LAB & COLLAB LAB
SCALE: 1/4" = 1'-0"

GENERAL NOTES - LAB EQUIPMENT

1) ALL LAB EQUIPMENT ITEMS LISTED HEREIN ARE OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I) UNLESS NOTED OTHERWISE.
2) THIS SCHEDULE IS FOR REFERENCE AND COORDINATION PURPOSE ONLY. SEE M/E/P DRAWING FOR ASSOCIATED SERVICES WITHIN THE PROJECT SCOPE.
3) ALL ASSOCIATED CONNECTED MEP SERVICES AND DISTRIBUTION, LAB SERVICE FIXTURES AND FITTINGS, AND REQUIRED SUPPORT HANGERS SHALL BE CONTRACTOR FURNISHED CONTRACTOR INSTALLED (C.F.C.I.).

EQUIPMENT SCHEDULE - CIVIL LAB

EQUIPMENT NO.	EXISTING ROOM NO.	ROOM	ROOM NO.	EQUIPMENT NAME	MANUFACTURER	MODEL NO.	SERIAL NO.	W	D	H	ELEC	HVAC	AIR	GASES	COMMENTS
CL0		CIVIL LAB	ST113	ASPHALT TESTER	BARNSTEAD INTL	OV 490A 1		1'-9 3/4"	2'-1 3/4"	3'-0 3/4"	115V, 1.95KW, 1/6HP				8.3.23 MM ASPHALT TESTING EQT
CL1		CIVIL LAB	ST113	FORCED DRAFT OVEN	Blue M	L-24		2'-0"	2'-11"	3'-2"					Is this the same as 175A Oven below?
CL2		CIVIL LAB	ST113	COMPRESSION TESTER	ELE International	36-0690/02 36-0690/02 36-0690/02		2'-1"	1'-6"	2'-2 1/4"	110V, 16A, 1HP				
CL3		CIVIL LAB	ST113	150lb LARGE PLATFORM SCALE	Fairbanks Morse			1'-2"	1'-2"	2 3/8"					
CL4		CIVIL LAB	ST113	PRESSURE AIR METER	Forney	LA-0316		4"	4"	4"					
CL5		CIVIL LAB	ST113	MOTORIZED SIFTER	GILSON SCREEN CO.			2'-6"	1'-10"	4'-10"	120V, 20A				
CL6		CIVIL LAB	ST113	MIXER	HOBART	A200		1'-4"	1'-4"	1'-0"					Is this mixer from Room 175 above?
CL7		CIVIL LAB	ST113	VACUUM PUMP	HYVAC	91105-001		5 1/2"	11 1/2"	9"					
CL8		CIVIL LAB	ST113	OVEN	LINDBERG	M01450A-1		2'-10"	1'-10"	1'-3"	120V, 17.4A, 2.1kW				
CL9		CIVIL LAB	ST113	OVEN	LINDBERG	M0145A-1		2'-10"	1'-10"	1'-3"	120V, 17.4A, 2.1kW				
CL10		CIVIL LAB	ST113	16,100g SCALE	METLER TOLEDO	SB16001		1'-0"	1'-0"	1'-0"					
CL11		CIVIL LAB	ST113	SCALE INDICATOR	OHAUS CORP.	CD-31		7 3/4"	10"	3 1/8"					
CL12		CIVIL LAB	ST113	2000G SCALE	OHAUS CORP.	SCOUT PRO		5 1/4"	7 5/8"	1 1/2"					
CL13		CIVIL LAB	ST113	5000G SCALE	OHAUS CORP.	SCOUT PRO		5 1/4"	7 5/8"	1 1/2"					
CL14		CIVIL LAB	ST113	GYRATORY COMPACTOR	PINE INST. CO.	AFG1A		3'-2"	2'-3"	4'-7 3/8"	120V, 20A,				
CL16		CIVIL LAB	ST113	WATER BATH	PINE INST. CO.	AFPW160		1'-0"	10 1/2"	10 1/2"					
CL17		CIVIL LAB	ST113	SIEVE SHAKER	SOILTEST INC.	CT2590		4'-2"	1'-3"	4'-0"	120V, 5.2A				
CL18		CIVIL LAB	ST113	SIFTING SIEVE SHAKER	SOILTEST INC.	CL-305		4'-2"	1'-3"	4'-0"	120V, 5.2A				
CL19		CIVIL LAB	ST113	VENTURI METER APPARATUS	TECEQUIPMENT	H5		11 1/4"	1'-8 1/8"	2'-3 3/8"					
CL20		CIVIL LAB	ST113	GRAVIMETRIC BENCH	TEC EQUIPMENT	H1		3'-11"	2'-6"	2'-2 1/4"	110V,5A				

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

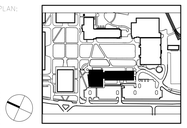
REGISTERED ARCHITECT JANE R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:	
NO.	DATE / COMMENTS
1	10-23-25 / REBID & CONSTRUCTION

CONTRACTOR SHALL REVIEW AND APPROVE ALL SHOP DRAWINGS BEFORE SUBMITTING TO THE ARCHITECT. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PLAN NORTH

PROJECT:

SCIENCE & TECHNOLOGY BUILDING

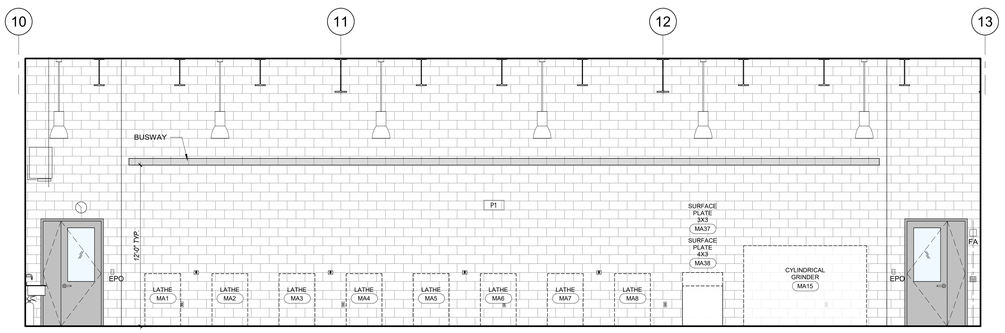
DRAWING TITLE:

CIVIL, CAD & COLLAB LAB – ENLARGED PLAN & ELEVATIONS

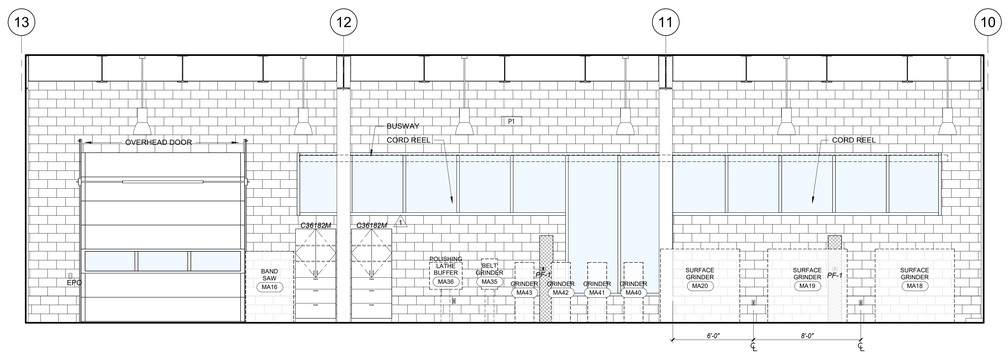
PROJECT NO: 23000 | DATE: 9/23/2025

PHASE: REBID & CONSTRUCTION | SCALE: As indicated

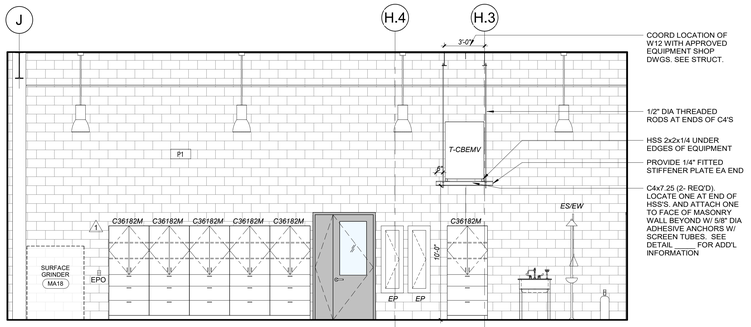
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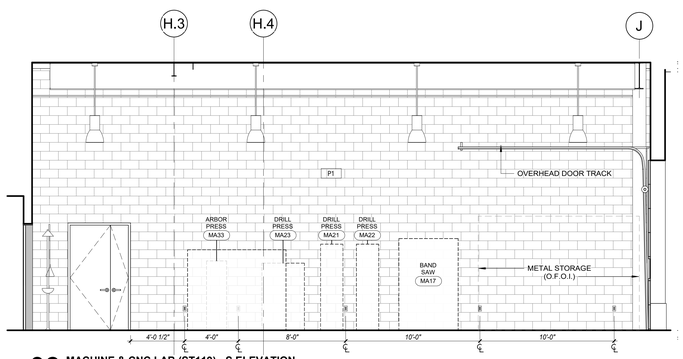
04 MACHINE & CNC LAB (ST119) - E ELEVATION
SCALE: 1/4" = 1'-0"



02 MACHINE & CNC LAB (ST119)- W ELEVATION
SCALE: 1/4" = 1'-0"



05 MACHINE & CNC LAB (ST119) - N ELEVATION
SCALE: 1/4" = 1'-0"



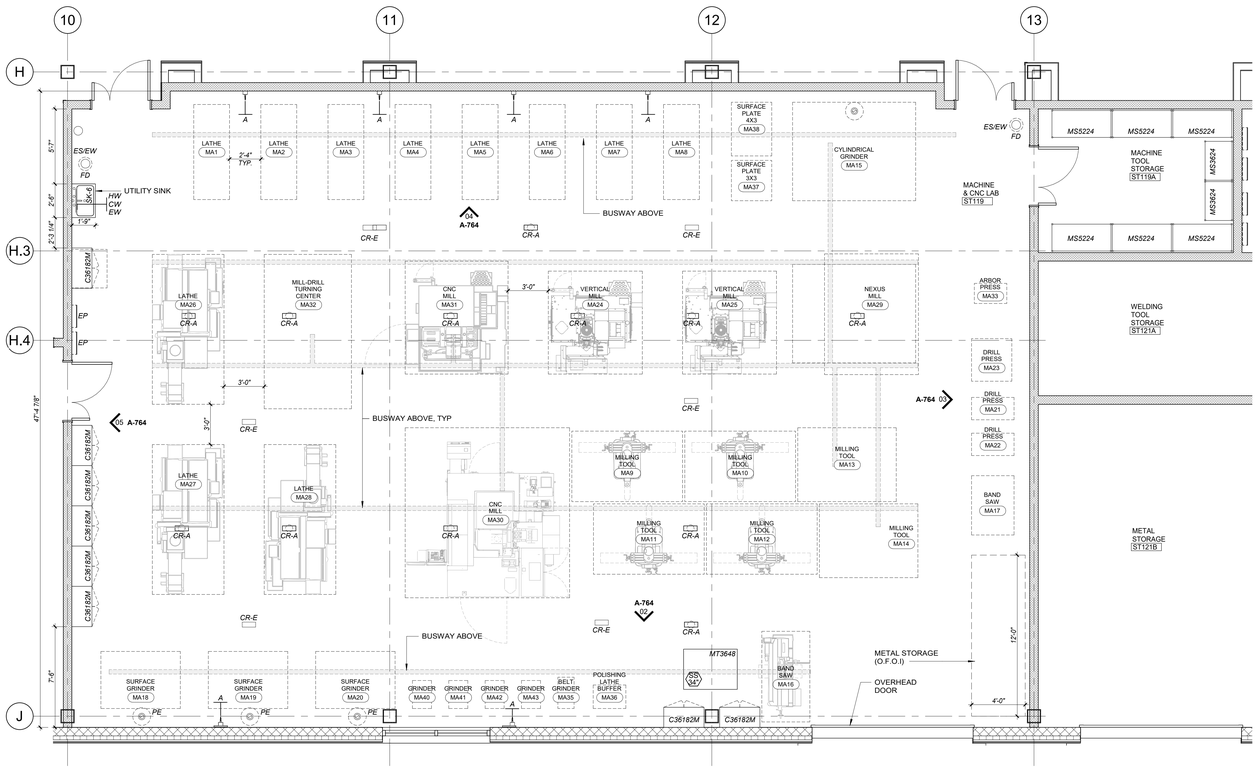
03 MACHINE & CNC LAB (ST119) - S ELEVATION
SCALE: 1/4" = 1'-0"

ENLARGED RCP LEGEND

SN	SNORKEL, SEE DETAIL 04/A-922
PE	SNORKEL, SEE MECHANICAL DRAWINGS
CR-E, CR-E 208	ELECTRICAL CORD REEL, SEE ELECTRICAL DRAWINGS
CR-A	AIR CORD REEL, SEE PLUMBING DRAWINGS
CR-D	DATA CORD REEL, SEE ELECTRICAL DRAWINGS
A	CORD REEL SUPPORT TYPE A, SEE DETAIL 15,16/A-910
B	CORD REEL SUPPORT TYPE B, SEE DETAIL 11,12/A-910
C	CORD REEL SUPPORT TYPE C, SEE DETAIL 07/A-922
	METAL PANEL



6 ENLARGED RCP - MACHINE & CNC LAB
SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - MACHINE & CNC LAB (ST119)
SCALE: 1/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

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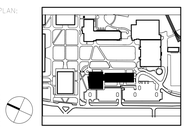
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO.	DATE	COMMENTS
3	10-27-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PROJECT:

SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

MACHINE & CNC LAB – ENLARGED PLANS & ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/4" = 1'-0"

A-764

GENERAL NOTES - LAB EQUIPMENT
1) ALL LAB EQUIPMENT ITEMS LISTED HEREIN ARE OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I) UNLESS NOTED OTHERWISE. 2) THIS SCHEDULE IS FOR REFERENCE AND COORDINATION PURPOSE ONLY. SEE ME/P DRAWING FOR ASSOCIATED SERVICES WITHIN THE PROJECT SCOPE. 3) ALL ASSOCIATED CONNECTED MEP SERVICES AND DISTRIBUTION, LAB SERVICE FIXTURES AND FITTINGS, AND REQUIRED SUPPORT HANGERS SHALL BE CONTRACTOR FURNISHED CONTRACTOR INSTALLED (C.F.C.I.).

EQUIPMENT SCHEDULE - MACHINE & CNC LAB

EQUIPMENT NO.	EXISTING ROOM NO.	ROOM	ROOM NO.	LABEL	MANUFACTURER	EQUIPMENT NAME	MODEL NO.	W	D	H	ELEC	HVAC	AIR	GASES	COMMENTS
MA1		MACHINE & CNC LAB	ST119	LATHE	SHARP	S SERIES ENGINE LATHE	1640L	7'-1"	2'-8"	3'-11"	230V/3PH/25A		YES*		* PROVIDE AIR FOR FUTURE EQPT
MA2		MACHINE & CNC LAB	ST119	LATHE	SHARP	S SERIES ENGINE LATHE	1640L	7'-1"	2'-8"	3'-11"	230V/3PH/25A		YES*		
MA3		MACHINE & CNC LAB	ST119	LATHE	SHARP	S SERIES ENGINE LATHE	1640L	7'-1"	2'-8"	3'-11"	230V/3PH/25A		YES*		
MA4		MACHINE & CNC LAB	ST119	LATHE	SHARP	S SERIES ENGINE LATHE	1640L	7'-1"	2'-8"	3'-11"	230V/3PH/25A		YES*		
MA5		MACHINE & CNC LAB	ST119	LATHE	SHARP	S SERIES ENGINE LATHE	1640L	7'-1"	2'-8"	3'-11"	230V/3PH/25A		YES*		
MA6		MACHINE & CNC LAB	ST119	LATHE	SHARP	S SERIES ENGINE LATHE	1640L	7'-1"	2'-8"	3'-11"	230V/3PH/25A		YES*		
MA7		MACHINE & CNC LAB	ST119	LATHE	SHARP	S SERIES ENGINE LATHE	1640L	7'-1"	2'-8"	3'-11"	230V/3PH/25A		YES*		
MA8		MACHINE & CNC LAB	ST119	LATHE	SHARP	S SERIES ENGINE LATHE	1640L	7'-1"	2'-8"	3'-11"	230V/3PH/25A		YES*		
MA9		MACHINE & CNC LAB	ST119	MILLING TOOL	BRIDGEPORT	SERIES 1 MILLING MACHINE	BPS1	8'-3"	5'-3"	7'-3"	208/230/460V, 3PH, 50/60HZ				
MA10		MACHINE & CNC LAB	ST119	MILLING TOOL	BRIDGEPORT	SERIES 1 MILLING MACHINE	BPS1	8'-3"	5'-3"	7'-3"	208/230/460V, 3PH, 50/60HZ				
MA11		MACHINE & CNC LAB	ST119	MILLING TOOL	BRIDGEPORT	SERIES 1 MILLING MACHINE	BPS1	8'-3"	5'-3"	7'-3"	208/230/460V, 3PH, 50/60HZ				
MA12		MACHINE & CNC LAB	ST119	MILLING TOOL	BRIDGEPORT	SERIES 1 MILLING MACHINE	BPS1	8'-3"	5'-3"	7'-3"	208/230/460V, 3PH, 50/60HZ				
MA13	X	MACHINE & CNC LAB	ST119	MILLING TOOL	SAJO	SERIES 52 MILLING MACHINE	UF52DM	7'-4"	5'-6"	5'-2"	CONFIRM				
MA14	X	MACHINE & CNC LAB	ST119	MILLING TOOL	SAJO	SERIES 52 MILLING MACHINE	UF52DMST	7'-4"	5'-6"	5'-2"	CONFIRM				
MA15		MACHINE & CNC LAB	ST119	CYLINDRICAL GRINDER	KENT	CYLINDRICAL GRINDER	KUG-2760H/NCI	9'-2"	7'-4"	6'-0"	50A	CONFIRM			
MA15		MACHINE & CNC LAB	ST119	CYLINDRICAL GRINDER	KENT	CYLINDRICAL GRINDER	KUG-2760H/NCI	9'-2"	7'-4"	6'-0"	50A	CONFIRM			
MA16		MACHINE & CNC LAB	ST119	BAND SAW	COSEN	HORIZONTAL BAND SAW	SH-250R	6'-9"	3'-7"	5'-4"	230V, 3PH, 60HZ, 5A				
MA17		MACHINE & CNC LAB	ST119	BAND SAW	COSEN	VERTICAL BAND SAW	VCS-600H	4'-5"	3'-2"	6'-10"	230V, 3PH, 60HZ, <11A				
MA17		MACHINE & CNC LAB	ST119	BAND SAW	COSEN	VERTICAL BAND SAW	VCS-600H	4'-5"	3'-2"	6'-10"	230V, 3PH, 60HZ, <11A				
MA18		MACHINE & CNC LAB	ST119	SURFACE GRINDER	CLAUSING	SURFACE GRINDER	CSG2A818	5'-11"	4'-3"	5'-6"	230/460V, 3PH, 60HZ	EXH			
MA19		MACHINE & CNC LAB	ST119	SURFACE GRINDER	CLAUSING	SURFACE GRINDER	CSG2A818	5'-11"	4'-3"	5'-6"	230/460V, 3PH, 60HZ	EXH			
MA20		MACHINE & CNC LAB	ST119	SURFACE GRINDER	CLAUSING	SURFACE GRINDER	CSG2A818	5'-11"	4'-3"	5'-6"	230/460V, 3PH, 60HZ	EXH			
MA21		MACHINE & CNC LAB	ST119	DRILL PRESS	CLAUSING	DRILL PRESS	SZ40	1'-8"	3'-2"	6'-5"	CONFIRM				
MA22		MACHINE & CNC LAB	ST119	DRILL PRESS	CLAUSING	DRILL PRESS	SZ40	1'-8"	3'-2"	6'-5"	CONFIRM				
MA22		MACHINE & CNC LAB	ST119	DRILL PRESS	CLAUSING	DRILL PRESS	SZ40	1'-8"	3'-2"	6'-5"	CONFIRM				
MA23	X	MACHINE & CNC LAB	ST119	DRILL PRESS	BURGMASTER	DRILL PRESS		3'-2"	3'-0"	5'-0"	CONFIRM				
MA24		MACHINE & CNC LAB	ST119	VERTICAL MILL	HAAS	VERTICAL MILLING MACHINE	SUPER MINI	7'-0"	7'-8"	8'-5"	220V/3PH/40A		YES		
MA25		MACHINE & CNC LAB	ST119	VERTICAL MILL	HAAS	VERTICAL MILLING MACHINE	SUPER MINI	7'-0"	7'-8"	8'-5"	220V/3PH/40A		YES		
MA26		MACHINE & CNC LAB	ST119	LATHE	HAAS	ST SERIES LATHE	ST-15Y	11'-2"	5'-4"	7'-2"	220V/3PH/40A		YES		
MA27		MACHINE & CNC LAB	ST119	LATHE	HAAS	ST SERIES LATHE	ST-15Y	11'-2"	5'-4"	7'-2"	220V/3PH/40A		YES		
MA28		MACHINE & CNC LAB	ST119	LATHE	HAAS	ST SERIES LATHE	ST-15Y	11'-2"	5'-4"	7'-2"	220V/3PH/40A		YES		
MA29	X	MACHINE & CNC LAB	ST119	NEXUS MILL	MAZAK	VERTICAL MACHINING CENTER	410A-II	7'-0"	9'-0"	10'-0"	208V/3PH		CONFIRM		NO CHIP CHUTE
MA30	X	MACHINE & CNC LAB	ST119	CNC MILL	HURCO	5-AXIS CNC MILL	VMX42i	12'-8"	12'-3"	9'-7"	SEE MANUAL		YES		DIMENSIONS INCLUDE PARTS CONVEYOR
MA31		MACHINE & CNC LAB	ST119	CNC MILL	HAAS	5-AXIS CNC MILL	UMC-400SS	7'-8"	8'-5"	8'-0"	220V/3PH/40A		YES		
MA32	X	MACHINE & CNC LAB	ST119	MILL-DRILL TURNING CENTER	DOOSAN		LYNX 220LSYA	11'-6"	6'-6"	6'-0"	220V/3PH/30A		YES		DIMENSIONS INCLUDE PARTS CONVEYOR
MA33		MACHINE & CNC LAB	ST119	ARBOR PRESS	DAKE		3A	1'-6"	2'-5"	5'-2"					
MA35		MACHINE & CNC LAB	ST119	BELT GRINDER	BURR KING		960-400	1'-2 1/2"	2'-4"	2'-3 1/8"	230V, 3PH, 60HZ, 7.2A				PEDESTAL MOUNTED
MA36		MACHINE & CNC LAB	ST119	POLISHING LATHE BUFFER	BURR KING		11012	2'-5 1/4"	1'-9"	2'-0"	240V, 1PH, 50-60HZ, 10A				PEDESTAL MOUNTED
MA37		MACHINE & CNC LAB	ST119	SURFACE PLATE 3X3				3'-0"	3'-0"	3'-0"					
MA38		MACHINE & CNC LAB	ST119	SURFACE PLATE 4X3	STARRETT			4'-0"	3'-0"	4'-0"					
MA40	X	MACHINE & CNC LAB	ST119	GRINDER	BALDOR		1021WD	2'-1"	1'-5"	4'-6"	208/230/460V, 3PH, 50/60HZ	CONFIRM			CONFIRM EXH - IS CANOPY HOOD REQ'D?
MA41		MACHINE & CNC LAB	ST119	GRINDER	BALDOR		1021WD	2'-1"	1'-5"	4'-6"	208/230/460V, 3PH, 50/60HZ	CONFIRM			
MA42		MACHINE & CNC LAB	ST119	GRINDER	BALDOR		1021WD	2'-1"	1'-5"	4'-6"	208/230/460V, 3PH, 50/60HZ	CONFIRM			
MA43		MACHINE & CNC LAB	ST119	GRINDER	BALDOR		1021WD	2'-1"	1'-5"	4'-6"	208/230/460V, 3PH, 50/60HZ	CONFIRM			

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

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Appel Osborne Landscape Architecture
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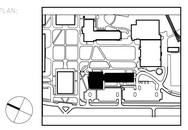
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KEY PLAN:



PROJECT:

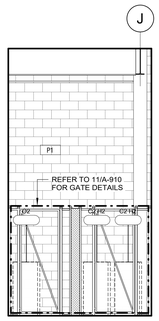
SCIENCE & TECHNOLOGY BUILDING

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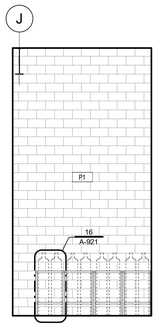
MACHINE & CNC LAB EQUIPMENT LIST

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/8" = 1'-0"

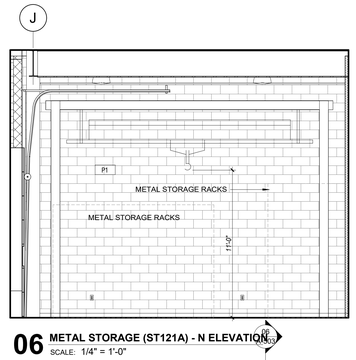
A-765



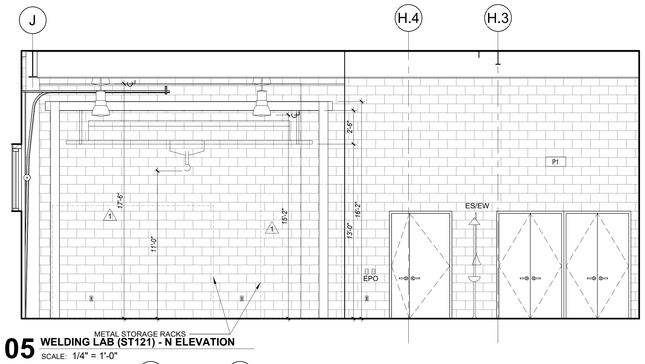
08 GAS STORAGE (ST121C) - S ELEVATION
SCALE: 1/4" = 1'-0"



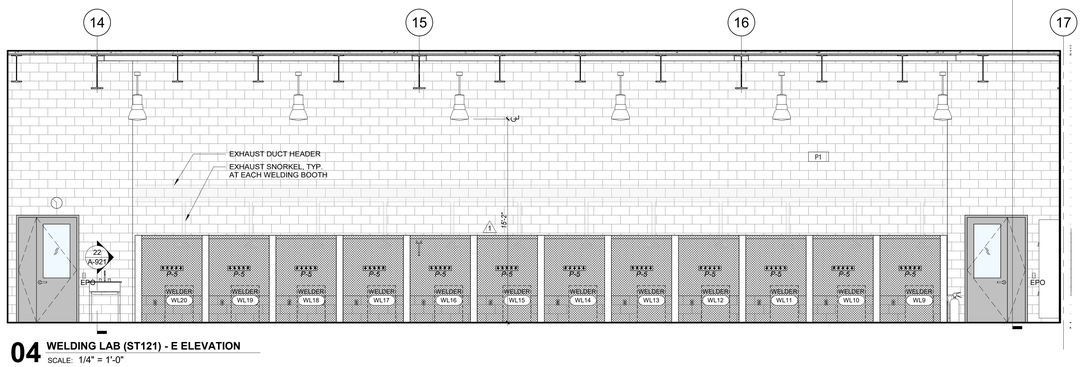
07 GAS STORAGE (ST121C) - N ELEVATION
SCALE: 1/4" = 1'-0"



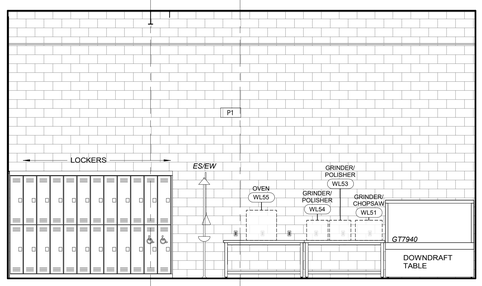
06 METAL STORAGE (ST121A) - N ELEVATION
SCALE: 1/4" = 1'-0"



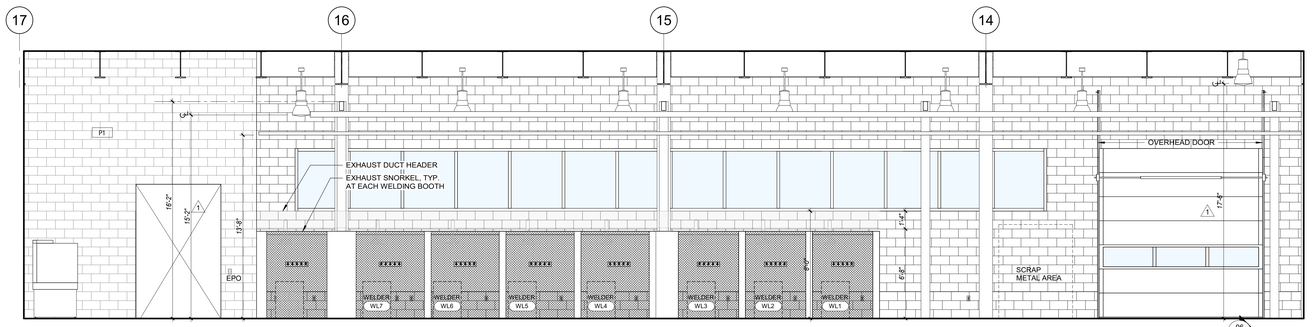
05 WELDING LAB (ST121) - N ELEVATION
SCALE: 1/4" = 1'-0"



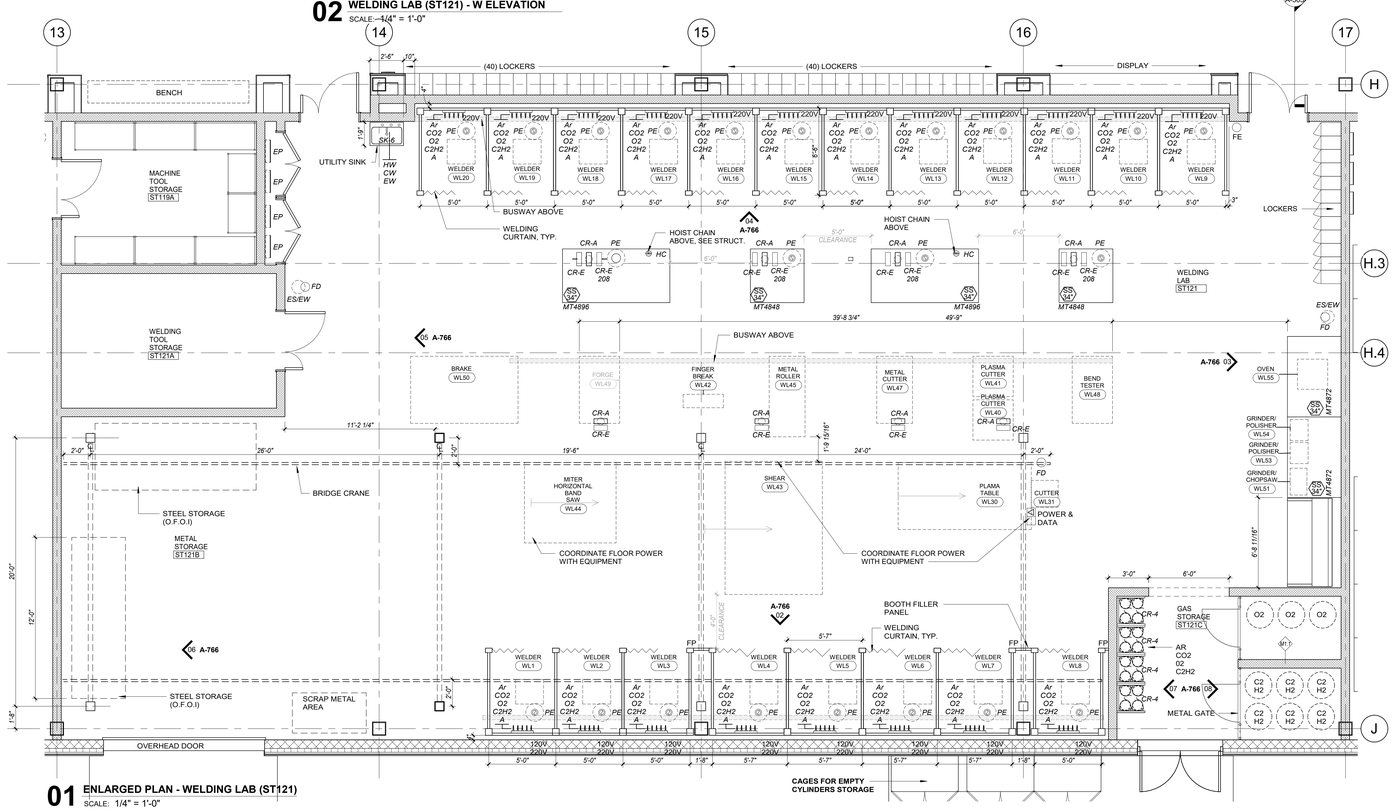
04 WELDING LAB (ST121) - E ELEVATION
SCALE: 1/4" = 1'-0"



03 WELDING LAB (ST121) - S ELEVATION
SCALE: 1/4" = 1'-0"



02 WELDING LAB (ST121) - W ELEVATION
SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - WELDING LAB (ST121)
SCALE: 1/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

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Mitchell Giurgola Architects LLP
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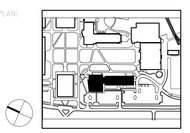
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

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KEY PLAN:



PROJECT:

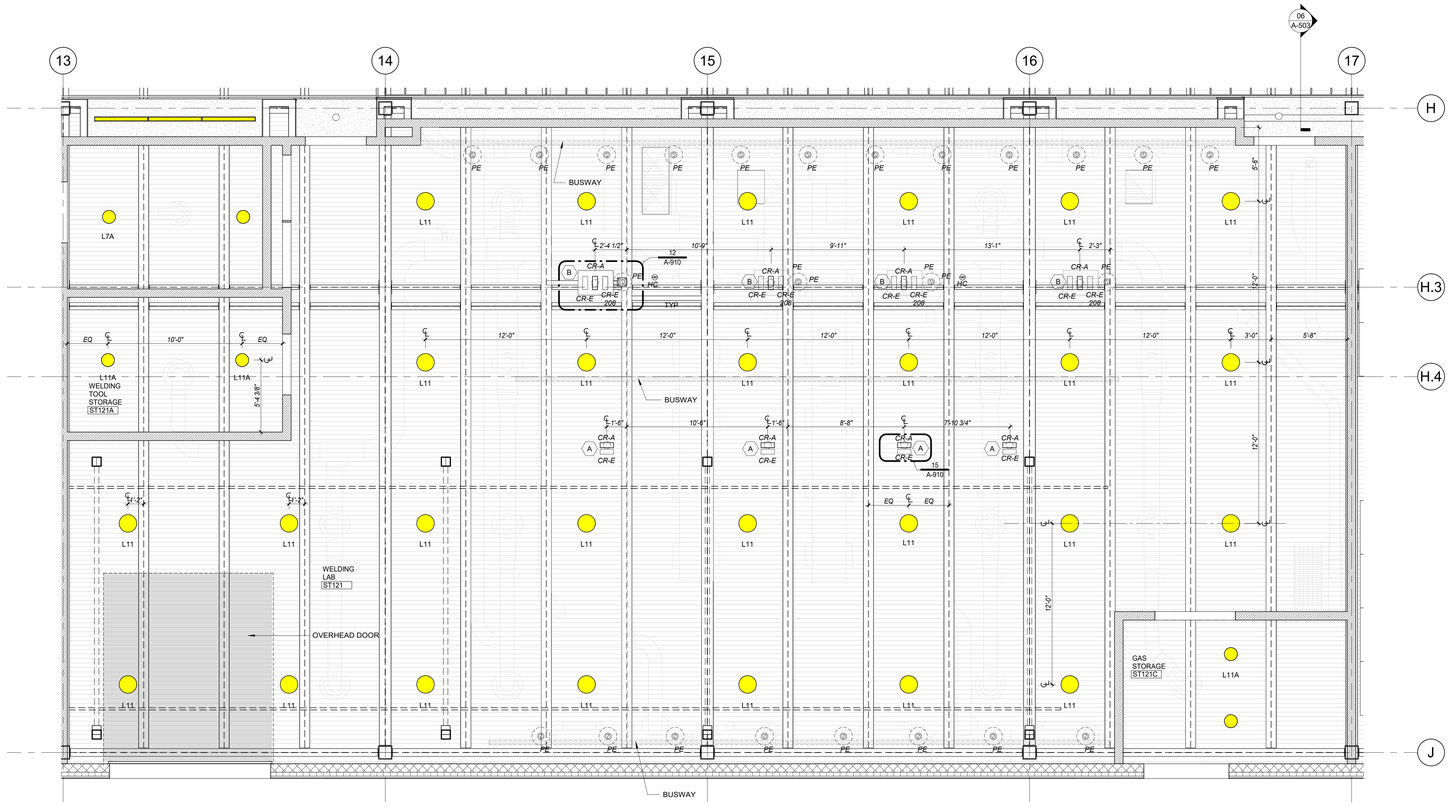
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

WELDING LAB – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/4" = 1'-0"

A-766



01 **ENLARGED RCP - WELDING LAB**
SCALE: 1/4" = 1'-0"

GENERAL NOTES - LAB EQUIPMENT
1) ALL LAB EQUIPMENT ITEMS LISTED HEREIN ARE OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I) UNLESS NOTED OTHERWISE.
2) THIS SCHEDULE IS FOR REFERENCE AND COORDINATION PURPOSE ONLY. SEE ME/P DRAWING FOR ASSOCIATED SERVICES WITHIN THE PROJECT SCOPE.
3) ALL ASSOCIATED CONNECTED MEP SERVICES AND DISTRIBUTION, LAB SERVICE FIXTURES AND FITTINGS, AND REQUIRED SUPPORT HANGERS SHALL BE CONTRACTOR FURNISHED CONTRACTOR INSTALLED (C.F.C.I.).

EQUIPMENT SCHEDULE - WELDING LAB

EQUIPMENT NO.	EXISTING ROOM NO.	ROOM	ROOM NO.	EQUIPMENT NAME	MANUFACTURER	MODEL NO.	SERIAL NO.	W	D	H	ELEC	HVAC	AIR	GASES	COMMENTS
WL1		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404678	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL2		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404678	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL3		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404678	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL4		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404678	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL5		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404678	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL6		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404678	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL7		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404678	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL8		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404678	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL9		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC431955	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL10		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	MH500753L	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL11		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LK4000SL	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL12		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	MC120396L	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL13		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	MJ490837L	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL14		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404651	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL15		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LK40002L	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL16		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404667	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL17		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LK40001L	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL18		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	MJ480419L	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL19		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404677	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL20		WELDING LAB	ST121	WELDER	"	SYNCROWAVE 250DX	LC404678	2'-1"	1'-10"	2'-9"	220V	EXH, 6"DIA	X	"	
WL30		WELDING LAB	ST121	PLAMA TABLE	ACCU PRESS			9'-11"	5'-0"	7'-0"	460V, 32A				FLOOR SPACE 9' X 10'
WL31		WELDING LAB	ST121	CUTTER	ACCU PRESS			2'-0"	2'-0"	5'-0"	460V, 32A				FLOOR SPACE 9' X 10'
WL40		WELDING LAB	ST121	PLASMA CUTTER	HYPERTHERM	POWERMAX 800	800-004831	3'-0"	3'-0"	4'-0"					NO TAG
WL41		WELDING LAB	ST121	PLASMA CUTTER	HYPERTHERM	PLASMA TORCHMATE	45XP-009426L	3'-0"	3'-0"	4'-0"					A018814
WL42		WELDING LAB	ST121	FINGER BREAK	BAILEIGH	BA-412		1'-0"	3'-0"	5'-0"					FLOOR SPACE 4.5' X 3.5'
WL43		WELDING LAB	ST121	SHEAR	ACCU PRESS	ACCU SHEAR 62500		9'-11"	7'-3"	7'-0"	460V, 32A				FLOOR SPACE 9' X 10'
WL44		WELDING LAB	ST121	MITER HORIZONTAL BAND SAW	HYD-MECH	S-20 SERIES ii		6'-0"	6'-10"	4'-0"	208V, 12.5A				FLOOR SPACE 6' X 7'
WL45		WELDING LAB	ST121	METAL ROLLER	PECK STOW & WILCOX	3418-G		2'-8"	6'-0"	5'-0"					FLOOR SPACE 6' X 7'
WL47		WELDING LAB	ST121	METAL CUTTER	PIRANHA	P50 IRONWORKER		2'-8"	5'-0"	4'-0"	240V, 30A DISCONNECT				
WL48		WELDING LAB	ST121	BEND TESTER				5'-0"	3'-0"	5'-0"					BEND TESTER ON TABLE MOVED TO WELDING LAB FROM CIVIL
WL49		WELDING LAB	ST121	FORGE				5'-0"	3'-0"	5'-0"					OWNER TO PROVIDE MEP FOR COORDINATION
WL50		WELDING LAB	ST121	BRAKE	PIRANHA	P50 IRONWORKER		5'-0"	8'-0"	5'-0"	240V, 30A DISCONNECT				
WL51		WELDING LAB	ST121	GRINDER/ CHOPSAW	MILWAUKEE			2'-0"	1'-3"	1'-6"					NOT WORKING?
WL53		WELDING LAB	ST121	GRINDER/ POLISHER	SETCO			1'-7"	1'-4"	1'-6"	208V, 5A				ASSOC. COOLER
WL54		WELDING LAB	ST121	GRINDER/ POLISHER	BALDOR			1'-7"	1'-4"	1'-6"	208V, 2.7A				ASSOC. COOLER
WL55		WELDING LAB	ST121	OVEN	DRYROD			2'-3"	2'-3"	2'-3"	120V, 1000W				

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
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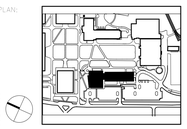
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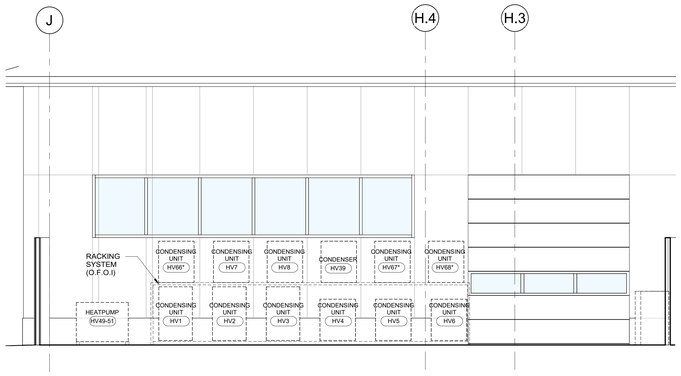
KEY PLAN:


PROJECT:
SCIENCE & TECHNOLOGY BUILDING

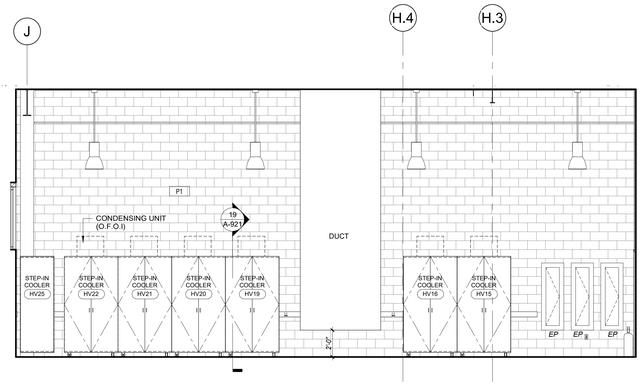
DRAWING TITLE:
WELDING LAB RCP & EQUIPMENT LIST

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: As Indicated

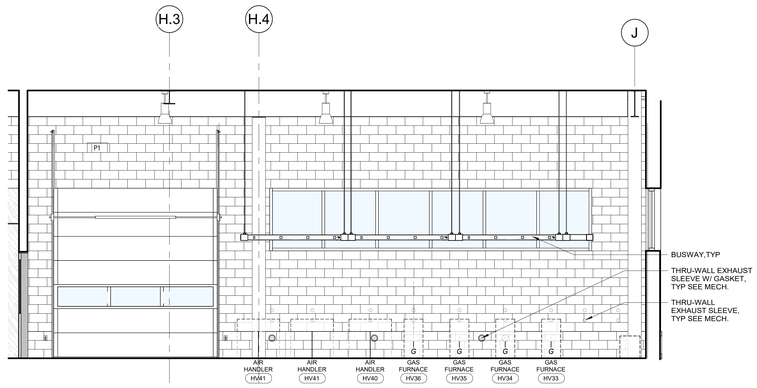
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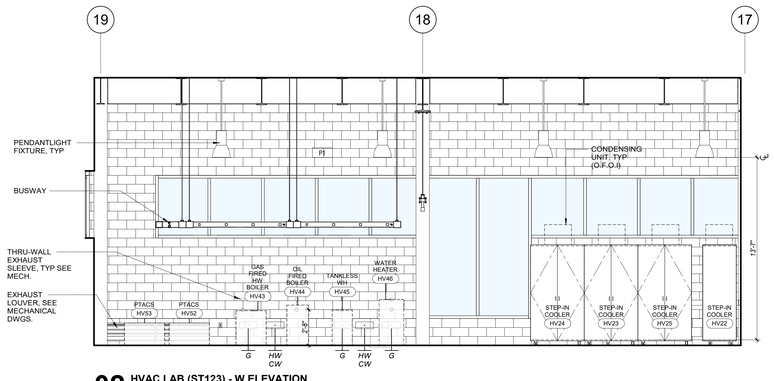
06 HVAC LAB (ST123A) EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



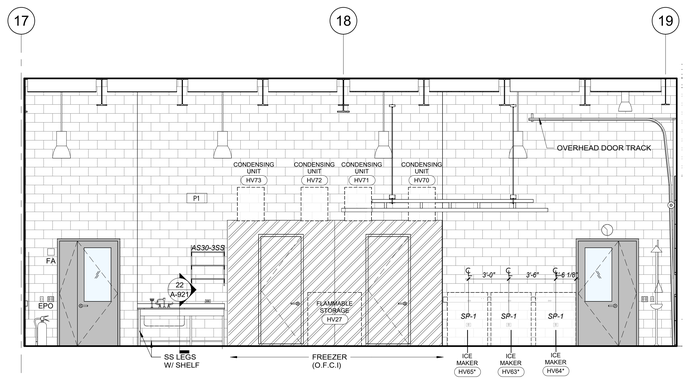
05 HVAC LAB (ST123) - N ELEVATION
SCALE: 1/4" = 1'-0"



03 HVAC LAB (ST123) - S ELEVATION
SCALE: 1/4" = 1'-0"



02 HVAC LAB (ST123) - W ELEVATION
SCALE: 1/4" = 1'-0"



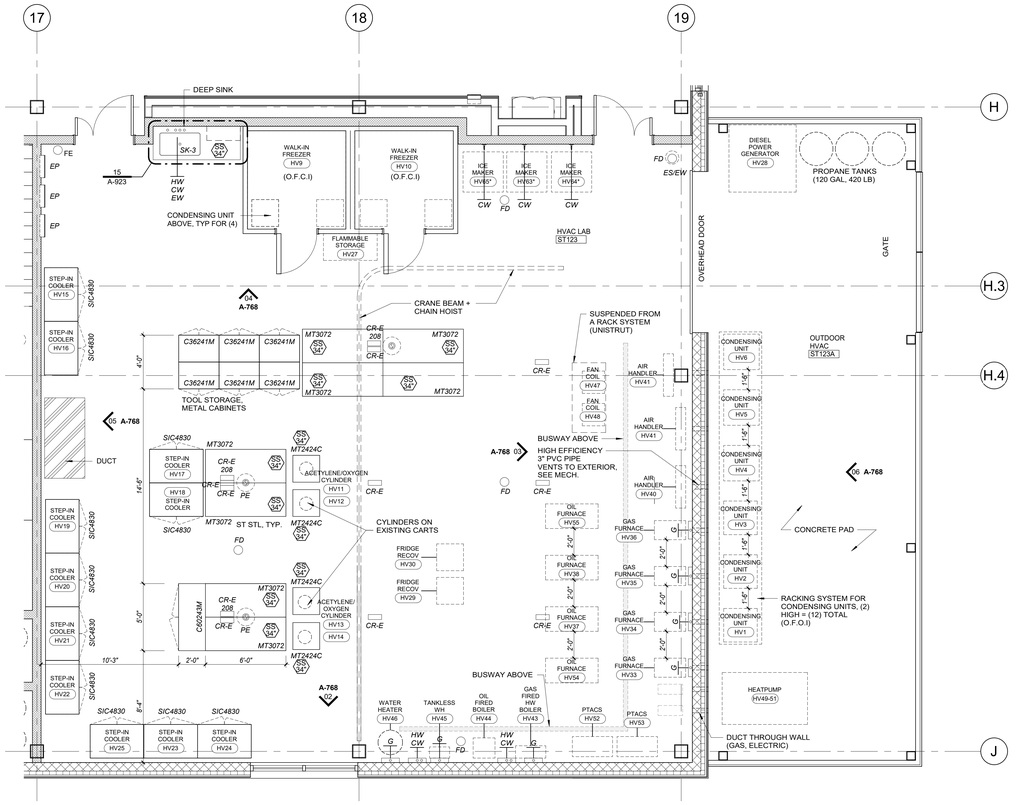
04 HVAC LAB (ST123) - E ELEVATION
SCALE: 1/4" = 1'-0"



07 ENLARGED RCP - HVAC LAB
SCALE: 1/4" = 1'-0"

ENLARGED RCP LEGEND

- SN — SNORKEL, SEE DETAIL 04/A-922
- PE — SNORKEL, SEE MECHANICAL DRAWINGS
- CR-E 208 — ELECTRICAL CORD REEL, SEE ELECTRICAL DRAWINGS
- CR-A — AIR CORD REEL, SEE PLUMBING DRAWINGS
- CR-D — DATA CORD REEL, SEE ELECTRICAL DRAWINGS
- A — CORD REEL SUPPORT TYPE A, SEE DETAIL 15,16/A-910
- B — CORD REEL SUPPORT TYPE B, SEE DETAIL 11,12/A-910
- C — CORD REEL SUPPORT TYPE C, SEE DETAIL 07/A-922
- METAL PANEL



01 ENLARGED PLAN - HVAC LAB (ST123)
SCALE: 1/4" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
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KEY PLAN:
PLAN NORTH

PROJECT TI:
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:
HVAC LAB – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/4" = 1'-0"

A-768

GENERAL NOTES - LAB EQUIPMENT

1) ALL LAB EQUIPMENT ITEMS LISTED HEREIN ARE OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I) UNLESS NOTED OTHERWISE.
2) THIS SCHEDULE IS FOR REFERENCE AND COORDINATION PURPOSE ONLY. SEE M/E/P DRAWING FOR ASSOCIATED SERVICES WITHIN THE PROJECT SCOPE.
3) ALL ASSOCIATED CONNECTED MEP SERVICES AND DISTRIBUTION, LAB SERVICE FIXTURES AND FITTINGS, AND REQUIRED SUPPORT HANGERS SHALL BE CONTRACTOR FURNISHED CONTRACTOR INSTALLED (C.F.C.I.).

EQUIPMENT SCHEDULE - HVAC LAB

EQUIPMENT NO.	EXISTING ROOM NO.	ROOM	ROOM NO.	EQUIPMENT NAME	MANUFACTURER	MODEL NO.	SERIAL NO.	W	D	H	ELEC	HVAC	AIR	GASES	COMMENTS
HV1	ST102	OUTDOOR HVAC	ST123A	CONDENSING UNIT				2'-6"	2'-6"	4'-0"	120/208V, 20A				8EA located outside (in the cage?)
HV2	ST102	OUTDOOR HVAC	ST123A	CONDENSING UNIT				2'-6"	2'-6"	4'-0"	120V, 24A				8EA located outside (in the cage?)
HV3	ST102	OUTDOOR HVAC	ST123A	CONDENSING UNIT				2'-6"	2'-6"	4'-0"	120V, 24A				8EA located outside (in the cage?)
HV4	ST102	OUTDOOR HVAC	ST123A	CONDENSING UNIT	AIRTEMP			2'-7 3/4"	2'-7 3/4"	3'-1"	17.5A				outside in cage, long wall
HV5	ST102	OUTDOOR HVAC	ST123A	CONDENSING UNIT	AIRTEMP			2'-7 3/4"	2'-7 3/4"	3'-1"	17.5A				outside in cage, long wall
HV6	ST102	OUTDOOR HVAC	ST123A	CONDENSING UNIT	AIRTEMP			2'-7 3/4"	2'-7 3/4"	3'-1"	17.5A				outside in cage, long wall
HV7	ST102	OUTDOOR HVAC	ST123A	CONDENSING UNIT	AIRTEMP			2'-7 3/4"	2'-7 3/4"	3'-1"	17.5A				outside in cage, long wall
HV8	ST102	OUTDOOR HVAC	ST123A	CONDENSING UNIT	AIRTEMP			2'-7 3/4"	2'-7 3/4"	3'-1"	17.5A				outside in cage, long wall
HV11	ST102	HVAC LAB	ST123	ACETYLENE/OXYGEN CYLINDER		WST80 EL		1'-0"	1'-0"	4'-0"		exhaust needed	acetylene/oxygene		Portable carts- existing 3EA - at least 4 EA needed
HV12	ST102	HVAC LAB	ST123	ACETYLENE/OXYGEN CYLINDER		WST80 EL		1'-0"	1'-0"	4'-0"		exhaust needed	acetylene/oxygene		Portable carts- existing 3EA - at least 4 EA needed
HV13	ST102	HVAC LAB	ST123	ACETYLENE/ OXYGEN CYLINDER		WST80 EL		1'-0"	1'-0"	4'-0"		exhaust needed	acetylene/oxygene		Portable carts- existing 3EA - at least 4 EA needed
HV14	ST102	HVAC LAB	ST123	ACETYLENE/OXYGEN CYLINDER		WST80 EL		1'-0"	1'-0"	4'-0"		exhaust needed	acetylene/oxygene		Portable carts- existing 3EA - at least 4 EA needed
HV15		HVAC LAB	ST123	STEP-IN COOLER				4'-0"	2'-6"	7'-0"	120V, 15A				C.F.C.I.
HV16		HVAC LAB	ST123	STEP-IN COOLER				4'-0"	2'-6"	7'-0"	120V, 15A				C.F.C.I.
HV17		HVAC LAB	ST123	STEP-IN COOLER				4'-0"	2'-6"	7'-0"	120V, 15A				C.F.C.I.
HV18		HVAC LAB	ST123	STEP-IN COOLER				4'-0"	2'-6"	7'-0"	120V, 15A				C.F.C.I.
HV19		HVAC LAB	ST123	STEP-IN COOLER				4'-0"	2'-6"	7'-0"	120V, 15A				C.F.C.I.
HV20		HVAC LAB	ST123	STEP-IN COOLER				4'-0"	2'-6"	7'-0"	120V, 15A				C.F.C.I.
HV21		HVAC LAB	ST123	STEP-IN COOLER				4'-0"	2'-6"	7'-0"	120V, 15A				C.F.C.I.
HV22		HVAC LAB	ST123	STEP-IN COOLER				4'-0"	2'-6"	7'-0"	120V, 15A				C.F.C.I.
HV23		HVAC LAB	ST123	STEP-IN COOLER				4'-0"	2'-6"	7'-0"	120V, 15A				C.F.C.I.
HV24		HVAC LAB	ST123	STEP-IN COOLER				4'-0"	2'-6"	7'-0"	120V, 15A				C.F.C.I.
HV25		HVAC LAB	ST123	STEP-IN COOLER				4'-0"	2'-6"	7'-0"	120V, 15A				C.F.C.I.
HV27		HVAC LAB	ST123	FLAMMABLE STORAGE				4'-0"	2'-0"	4'-0"					For furnace fuel/oils
HV28		OUTDOOR HVAC	ST123A	DIESEL POWER GENERATOR				5'-0"	5'-0"	4'-0"					
HV29		HVAC LAB	ST123	FRIDGE RECOV	ROBINAIR			2'-0"	2'-0"	4'-0"	120V, 15A				Existing -1EA, at least 1 more needed
HV30		HVAC LAB	ST123	FRIDGE RECOV	ROBINAIR			2'-0"	2'-0"	4'-0"	120V, 15A				Existing -1EA, at least 1 more needed
HV33		HVAC LAB	ST123	GAS FURNACE	AIRTEMP	VG7TC-060D-E24BP	1AT130F	1'-5"	2'-4"	2'-11"					inside lab, long wall,floor
HV34		HVAC LAB	ST123	GAS FURNACE	AIRTEMP	VG7TC-060D-E24BP	1AT130F	1'-5"	2'-4"	2'-11"					inside lab, long wall,floor
HV35		HVAC LAB	ST123	GAS FURNACE	AIRTEMP	VG7TC-060D-E24BP	1AT130F	1'-5"	2'-4"	2'-11"					inside lab, long wall,floor
HV36		HVAC LAB	ST123	GAS FURNACE	AIRTEMP	VG7TC-060D-E24BP	1AT130F	1'-5"	2'-4"	2'-11"					inside lab, long wall,floor
HV37		HVAC LAB	ST123	OIL FURNACE	AIRTEMP	RLF-CBP	1AT010C	1'-10"	3'-11"	3'-6"					inside lab, long wall,floor
HV38		HVAC LAB	ST123	OIL FURNACE	AIRTEMP	RLF-CBP	1AT010C	1'-10"	3'-11"	3'-6"					inside lab, long wall,floor
HV39		OUTDOOR HVAC	ST123A	CONDENSER			AOU609LZAH1	2'-7 3/4"	2'-7 3/4"	3'-1"	17.5A				outside in cage, long wall
HV40		HVAC LAB	ST123	AIR HANDLER			ASU69LZAS	3'-2"	9"	11"					
HV41		HVAC LAB	ST123	AIR HANDLER			ASU69LZAS	3'-2"	9"	11"					
HV41		HVAC LAB	ST123	AIR HANDLER			ASU69LZAS	3'-2"	9"	11"					
HV43		HVAC LAB	ST123	GAS FIRED HW BOILER	UTICA	15B3096	2W482D	2'-3"	11"	2'-7"	120V, 60 Hz,12 A				inside lab,on long wall
HV44		HVAC LAB	ST123	OIL FIRED BOILER	UTICA	UH3KW0.75	2W493TC	1'-7 1/2"	1'-6"	3'-0"	120V, 50 Hz, 12 A				inside lab,on long wall
HV45		HVAC LAB	ST123	TANKLESS WH	BOSCH	BRADFORD WHITE	9W891NA	1'-6"	10"	2'-7 1/2"	120 VAC, 60hz				inside lab, on long wall
HV46		HVAC LAB	ST123	WATER HEATER	BRADFORD WHITE	DW-2-40-L	5H964M	1'-10"	1'-10"	3'-5"	208/240 VAC				
HV47		HVAC LAB	ST123	FAN COIL	FIRST CO.	24VHBQB	4H836	1'-8"	1'-8"	3'-4"	120/24 V				inside lab, long wall,ceiling
HV48		HVAC LAB	ST123	FAN COIL	FIRST CO.	24VHBQB	4H836	1'-8"	1'-8"	3'-4"	120/24 V				inside lab, long wall,ceiling
HV49-51		OUTDOOR HVAC	ST123A	HEATPUMP	FUJITSU	RHPCZR036AJT000AAAA0	2FG052	6'-4 1/4"	3'-10 1/2"	2'-11"	208/230-1 V				outside in cage, long wall
HV52		HVAC LAB	ST123	PTACS	COLD POINT			3'-0"	1'-6"	1'-8"					
HV53		HVAC LAB	ST123	PTACS	COLD POINT			3'-0"	1'-6"	1'-8"					
HV54		HVAC LAB	ST123	OIL FURNACE	AIRTEMP	RLF-CBP	1AT010C	1'-10"	3'-11"	3'-6"					inside lab, long wall,floor
HV55		HVAC LAB	ST123	OIL FURNACE	AIRTEMP	RLF-CBP	1AT010C	1'-10"	3'-11"	3'-6"					inside lab, long wall,floor
HV63*		HVAC LAB	ST123	ICE MAKER				3'-0"	3'-0"	4'-0"					
HV64*		HVAC LAB	ST123	ICE MAKER				3'-0"	3'-0"	4'-0"					
HV65*		HVAC LAB	ST123	ICE MAKER				3'-0"	3'-0"	4'-0"					
HV66*		OUTDOOR HVAC	ST123A	CONDENSING UNIT	AIRTEMP			2'-7 3/4"	2'-7 3/4"	3'-1"	17.5A				outside in cage, long wall
HV67*		OUTDOOR HVAC	ST123A	CONDENSING UNIT	AIRTEMP			2'-7 3/4"	2'-7 3/4"	3'-1"	17.5A				outside in cage, long wall
HV68*		OUTDOOR HVAC	ST123A	CONDENSING UNIT	AIRTEMP			2'-7 3/4"	2'-7 3/4"	3'-1"	17.5A				outside in cage, long wall
HV70		HVAC LAB	ST123	CONDENSING UNIT				2'-0"	2'-0"	2'-6"					inside lab, long wall,ceiling
HV71		HVAC LAB	ST123	CONDENSING UNIT				2'-0"	2'-0"	2'-6"					inside lab, long wall,ceiling
HV72		HVAC LAB	ST123	CONDENSING UNIT				2'-0"	2'-0"	2'-6"					inside lab, long wall,ceiling
HV73		HVAC LAB	ST123	CONDENSING UNIT				2'-0"	2'-0"	2'-6"					inside lab, long wall,ceiling

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MA MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

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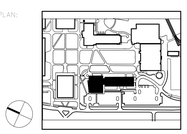
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO.	DATE	COMMENTS
1	9-23-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PROJECT:

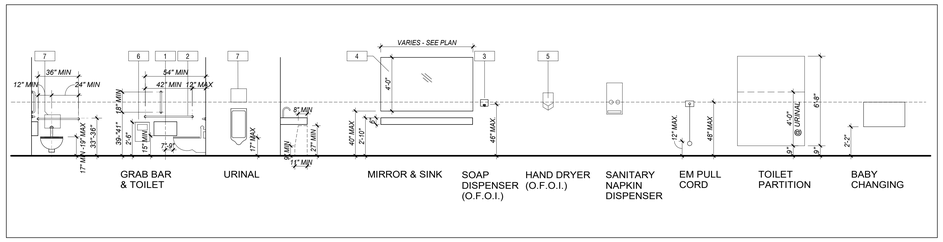
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

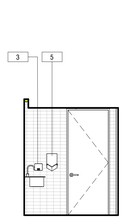
HVAC LAB – EQUIPMENT LIST

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/8" = 1'-0"

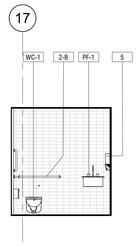
A-769



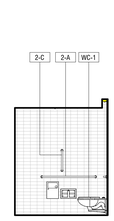
1 JUMBO ROLL TOILET PAPER DISPENSER
2A S.S. GRAB BAR, 42"
2B S.S. GRAB BAR, 36"
2C S.S. GRAB BAR, VERTICAL 18"
3 WALL-MOUNTED SOAP DISPENSER (O.F.O.I.)
4 S.S. FRAMED MIRROR
5 HAND DRYER (O.F.O.I.)
6 SANITARY NAPKIN DISPOSAL
7 WALL-MOUNTED FLUSHOMETER VALVE
8 BABY CHANGING STATION (RECESSED)



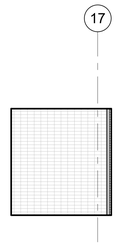
17 SHED ADA RESTROOM - S ELEV
SCALE: 1/4" = 1'-0"



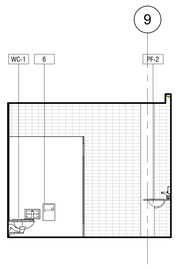
16 SHED ADA RESTROOM - E ELEV
SCALE: 1/4" = 1'-0"



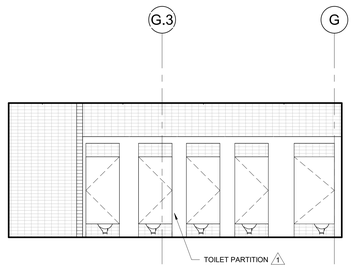
15 SHED ADA RESTROOM - N ELEV
SCALE: 1/4" = 1'-0"



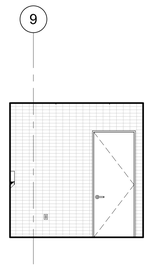
14 SHED ADA RESTROOM - W ELEV
SCALE: 1/4" = 1'-0"



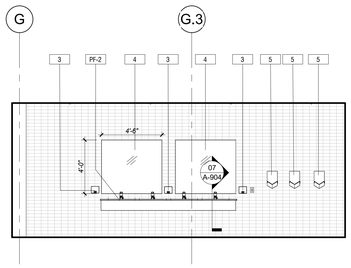
13 SHED RESTROOMS 1- WEST ELEVATION
SCALE: 1/4" = 1'-0"



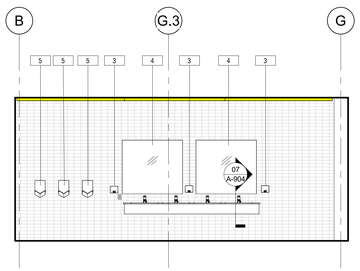
12 SHED RESTROOMS 1- SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



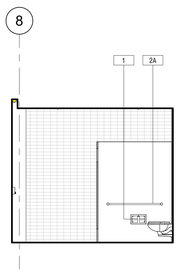
11 SHED RESTROOMS 1- EAST ELEVATION
SCALE: 1/4" = 1'-0"



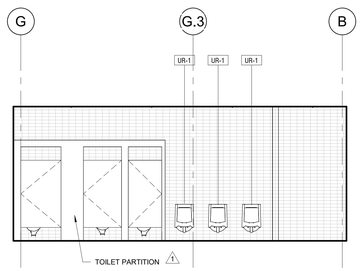
10 SHED RESTROOMS 1- NORTH ELEVATION
SCALE: 1/4" = 1'-0"



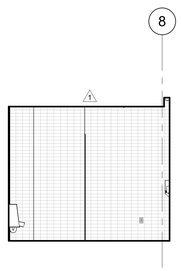
06 SHED RESTROOMS- NORTH ELEVATIONS
SCALE: 1/4" = 1'-0"



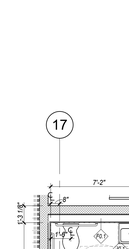
05 SHED RESTROOMS- WEST ELEVATIONS
SCALE: 1/4" = 1'-0"



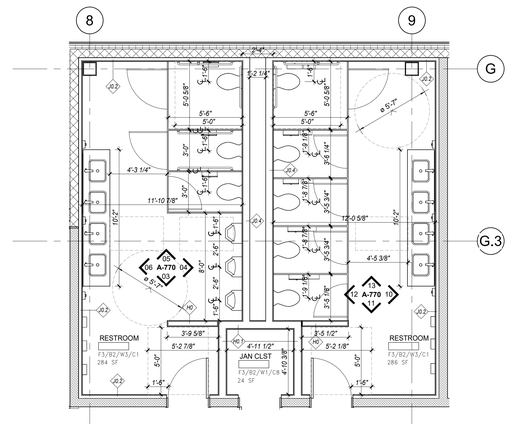
04 SHED RESTROOMS- SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



03 SHED RESTROOMS- EAST ELEVATIONS
SCALE: 1/4" = 1'-0"



02 SHED - RESTROOMS - ENLARGED PLAN
SCALE: 1/4" = 1'-0"



01 SHED - RESTROOM - ENLARGED PLAN
SCALE: 1/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
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SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

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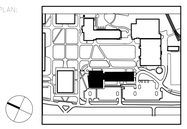
REGISTERED ARCHITECT JAMES R. BRADDOCK 015801 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO.	DATE	COMMENTS
1	9-23-25	REBID & CONSTRUCTION

CONTRACTOR MUST REVIEW DRAWINGS BEFORE STARTING THE WORK. ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PROJECT:

SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

SHED – RESTROOM – ENLARGED PLAN & ELEVATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/4" = 1'-0"

A-770



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

RCP LEGEND

L1-4' L1-5'		LED LINEAR PENDANT
L2-4' L2-5' L2-8'		LED LINEAR RECESSED
L3-5' L3-6'		LED LINEAR WALL WASH - SUSPENDED
L4-4'		LED LINEAR WALL WASH - SURFACE MTD
L5		2X2 LED RECESSED
L6		4" LED RECESSED DOWNLIGHT
L7		16" LED LOW BAY PENDANT
L7A		12" LED LOW BAY PENDANT
L8		4" LED PENDANT DOWNLIGHT
L9-4' L9-6' L9-8'		LED PERIMETER COVE LIGHT
L10A		3' LED ACOUSTIC PENDANT 12"H
L10B		3' LED ACOUSTIC PENDANT 18"H
L10C		4' LED ACOUSTIC PENDANT 12"H
L10D		4' LED ACOUSTIC PENDANT 18"H
L11		16" LED LOW BAY PENDANT - WET RATED
L12		LENSED LED STRIP LIGHT - SEE ELEC DWGS
L13		10" LED CYLINDER PENDANT
L14		LED UNDERCABINET TASK LIGHT
LX1		LED EXTERIOR LIGHT
LX2		LED EXTERIOR POLE LIGHT
LX3		LED EXTERIOR PENDANT
X1		EXIT SIGN
X2		EXIT SIGN
WS		WINDOW SHADE
BS		BLACKOUT SHADE
SEC		SECURITY CAMERA
		UPRIGHT SPRINKLER HEAD
		CONCEALED PENDANT SPRINKLER HEAD
CR		CORD REEL
		CA (COMPRESSED AIR)
SN		SNORKEL

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

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Towne Engineering
18 South Street
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315 733 9000

SITE | CIVIL ENGINEER:
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102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

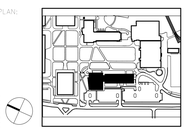
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NO	DATE	COMMENTS
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KEY PLAN:



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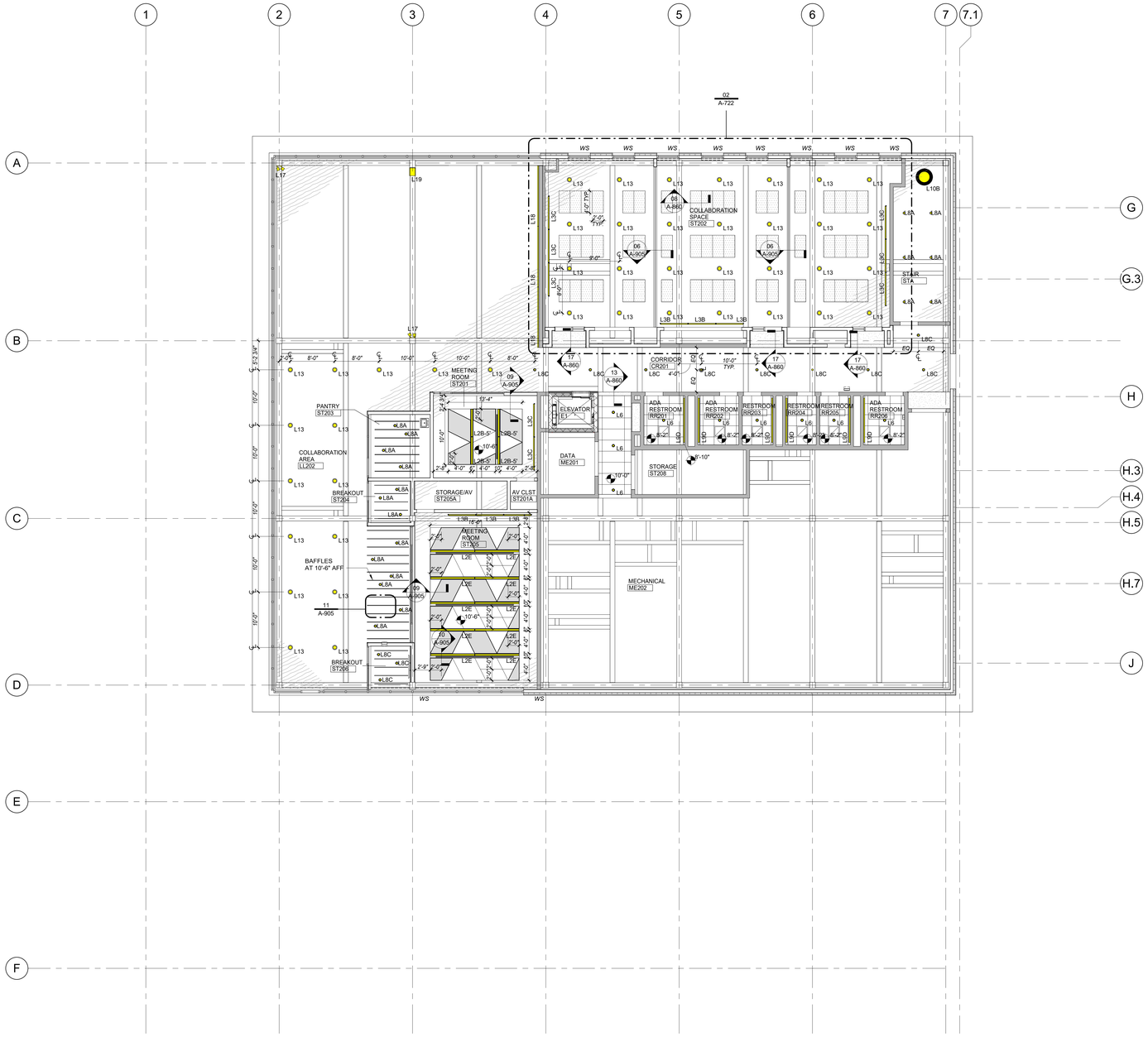
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

HEAD – FIRST FLOOR REFLECTED CEILING PLAN

PROJECT NO: 23000	DATE: 9/25/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

A-810



01 RCP - SECOND FLOOR HEAD ALTERNATE

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

RCP LEGEND

	L1-4' L1-5'	LED LINEAR PENDANT
	L2-4' L2-5' L2-8'	LED LINEAR RECESSED
	L3-5' L3-6'	LED LINEAR WALL WASH - SUSPENDED
	L4-4'	LED LINEAR WALL WASH - SURFACE MTD
	L5	2X2 LED RECESSED
	L6	4" LED RECESSED DOWNLIGHT
	L7	16" LED LOW BAY PENDANT
	L7A	12" LED LOW BAY PENDANT
	L8	4" LED PENDANT DOWNLIGHT
	L9-4' L9-6' L9-8'	LED PERIMETER COVE LIGHT
	L10A L10B	3" LED ACOUSTIC PENDANT 12"H 3" LED ACOUSTIC PENDANT 18"H
	L10C L10D	4" LED ACOUSTIC PENDANT 12"H 4" LED ACOUSTIC PENDANT 18"H
	L11	16" LED LOW BAY PENDANT - WET RATED
	L12	LENSED LED STRIP LIGHT - SEE ELEC DWGS
	L13	10" LED CYLINDER PENDANT
	L14	LED UNDERCABINET TASK LIGHT
	LX1	LED EXTERIOR LIGHT
	LX2	LED EXTERIOR POLE LIGHT
	LX3	LED EXTERIOR PENDANT
	X1 X2	EXIT SIGN EXIT SIGN
	WS BS	WINDOW SHADE BLACKOUT SHADE
SC	SEC	SECURITY CAMERA
		UPRIGHT SPRINKLER HEAD
		CONCEALED PENDANT SPRINKLER HEAD
CR		CORD REEL
		CA (COMPRESSED AIR)
SN		SNORKEL

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
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EXPIRATION DATE: 05-31-2026

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1	9-23-25	REBID & CONSTRUCTION

KEY PLAN:

PLAN NORTH

PROJECT TI:

SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

HEAD – SECOND FLOOR REFLECTED CEILING PLAN 1

PROJECT NO: 23000 | DATE: 9/23/2025

PHASE: REBID & CONSTRUCTION | SCALE: As indicated

A-811 1



1 **RCP - FIRST FLOOR SHED**
SCALE: 1/8" = 1'-0"

RCP LEGEND

	L1-4' L1-5'	LED LINEAR PENDANT
	L2-4' L2-5' L2-8'	LED LINEAR RECESSED
	L3-5' L3-6'	LED LINEAR WALL WASH - SUSPENDED
	L4-4'	LED LINEAR WALL WASH - SURFACE MTD
	L5	2X2 LED RECESSED
	L6	4" LED RECESSED DOWNLIGHT
	L7	16" LED LOW BAY PENDANT
	L7A	12" LED LOW BAY PENDANT
	L8	4" LED PENDANT DOWNLIGHT
	L9-4' L9-6' L9-8'	LED PERIMETER COVE LIGHT
	L10A L10B	3' LED ACOUSTIC PENDANT 12"H 3' LED ACOUSTIC PENDANT 18"H
	L10C L10D	4' LED ACOUSTIC PENDANT 12"H 4' LED ACOUSTIC PENDANT 18"H
	L11	16" LED LOW BAY PENDANT - WET RATED
	L12	LENSED LED STRIP LIGHT - SEE ELEC DWGS
	L13	10" LED CYLINDER PENDANT
	L14	LED UNDERCABINET TASK LIGHT
	LX1	LED EXTERIOR LIGHT
	LX2	LED EXTERIOR POLE LIGHT
	LX3	LED EXTERIOR PENDANT
	X1 X2	EXIT SIGN EXIT SIGN
	WS BS	WINDOW SHADE BLACKOUT SHADE
SC	SEC	SECURITY CAMERA
		UPRIGHT SPRINKLER HEAD
		CONCEALED PENDANT SPRINKLER HEAD
CR		CORD REEL
		CA (COMPRESSED AIR)
SN		SNORKEL

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MOHAWK VALLEY COMMUNITY COLLEGE
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UTICA, NY 13501
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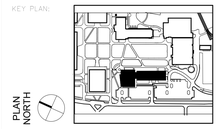
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EXPIRATION DATE: 05-31-2026

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	09-23-25	REBID & CONSTRUCTION

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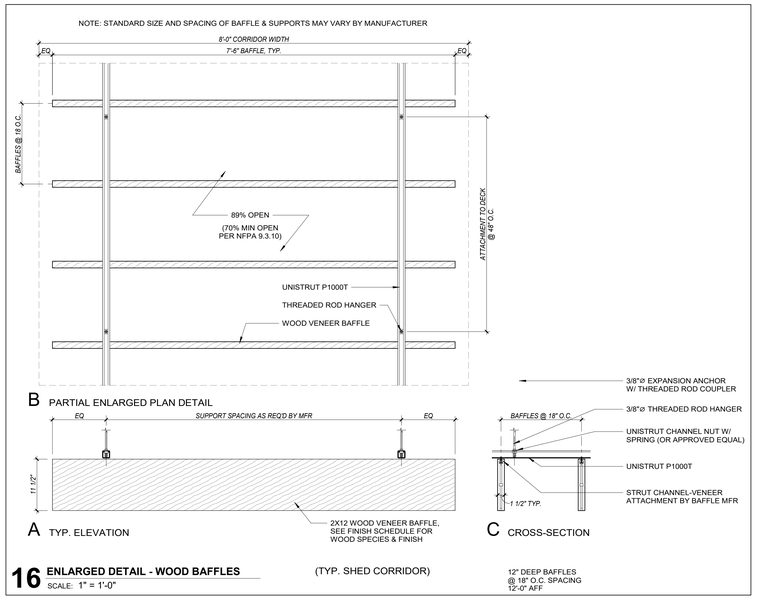
KEY PLAN:


PROJECT:
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:
SHED – FIRST FLOOR REFLECTED CEILING PLAN

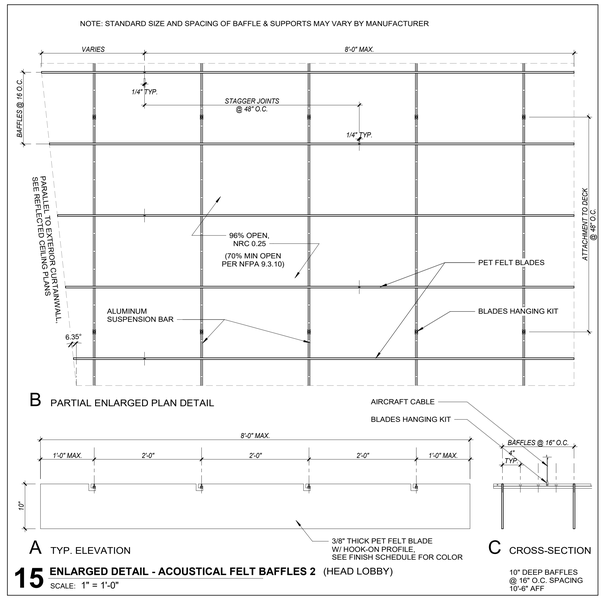
PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

A-850



16 **ENLARGED DETAIL - WOOD BAFFLES** (TYP. SHED CORRIDOR)
SCALE: 1" = 1'-0"

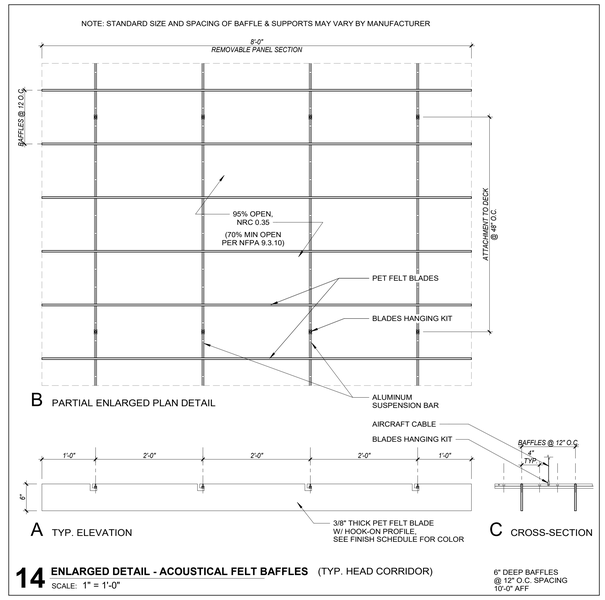
12" DEEP BAFFLES
@ 18" O.C. SPACING
12'-0" AFF



15 **ENLARGED DETAIL - ACOUSTICAL FELT BAFFLES 2** (HEAD LOBBY)
SCALE: 1" = 1'-0"

10" DEEP BAFFLES
@ 16" O.C. SPACING
10'-6" AFF

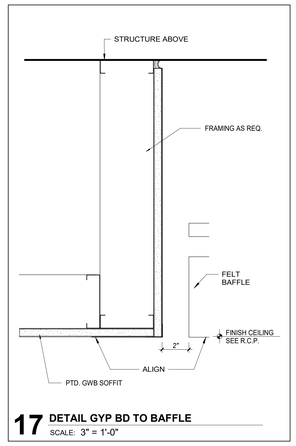
CONFIRM 8'-10" DUCT



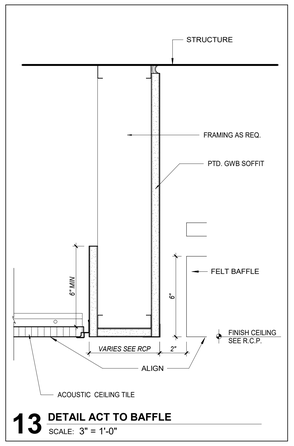
14 **ENLARGED DETAIL - ACOUSTICAL FELT BAFFLES** (TYP. HEAD CORRIDOR)
SCALE: 1" = 1'-0"

6" DEEP BAFFLES
@ 12" O.C. SPACING
10'-0" AFF

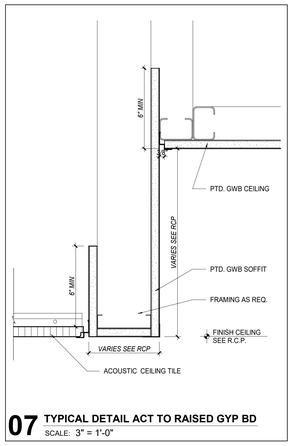
CONFIRM 24" DUCT



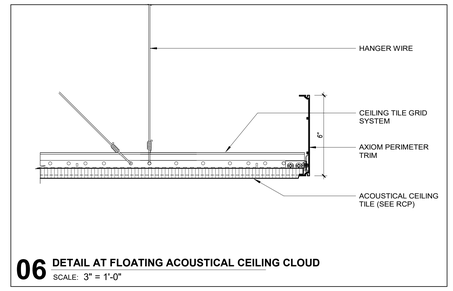
17 **DETAIL GYP BD TO BAFFLE**
SCALE: 3" = 1'-0"



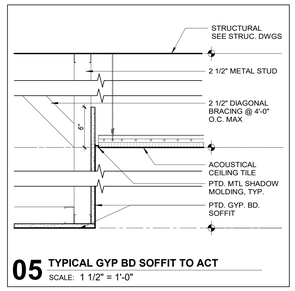
13 **DETAIL ACT TO BAFFLE**
SCALE: 3" = 1'-0"



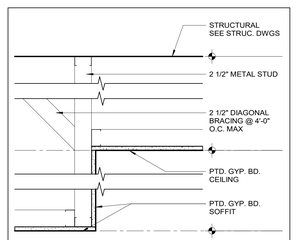
07 **TYPICAL DETAIL ACT TO RAISED GYP BD**
SCALE: 3" = 1'-0"



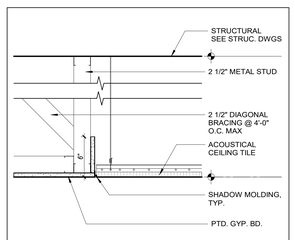
06 **DETAIL AT FLOATING ACOUSTICAL CEILING CLOUD**
SCALE: 3" = 1'-0"



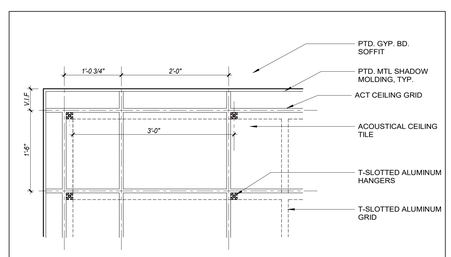
05 **TYPICAL GYP BD SOFFIT TO ACT**
SCALE: 1 1/2" = 1'-0"



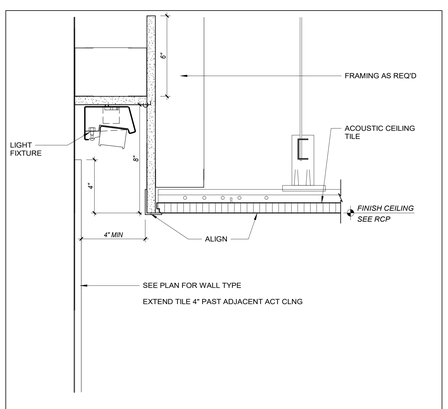
04 **TYPICAL GYP BD SOFFIT**
SCALE: 1 1/2" = 1'-0"



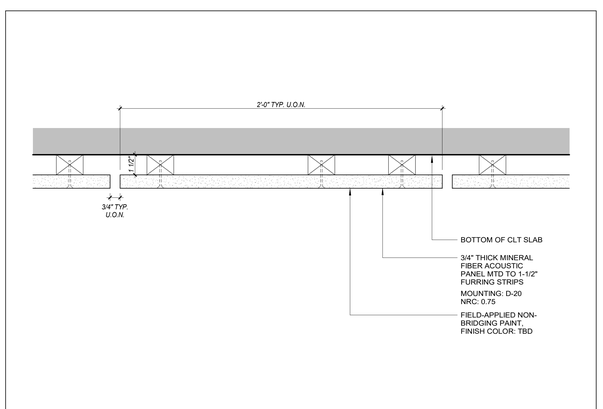
03 **TYPICAL GYP BD TO ACT-1 TRANSITION**
SCALE: 1 1/2" = 1'-0"



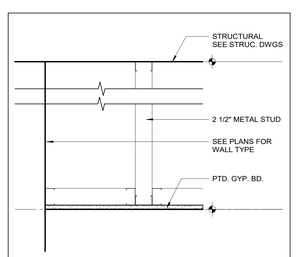
10 **ENLARGED DETAIL - CEILING**
SCALE: 1" = 1'-0"



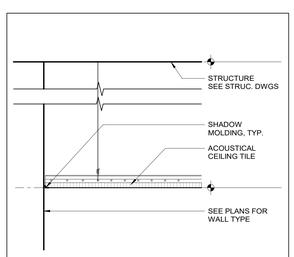
09 **DETAIL AT PERIMETER WALL WASH, TYP.**
SCALE: 3" = 1'-0"



08 **TYP. DETAIL AT ACOUSTIC PANEL**
SCALE: 3" = 1'-0"



02 **TYP GYP CEILING DETAIL @ WALL**
SCALE: 1 1/2" = 1'-0"



01 **TYP ACT-1 CEILING DETAIL @ WALL**
SCALE: 1 1/2" = 1'-0"

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MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
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ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
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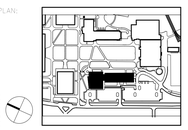
EXPIRATION DATE: 05-31-2026

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KEY PLAN:



PROJECT:

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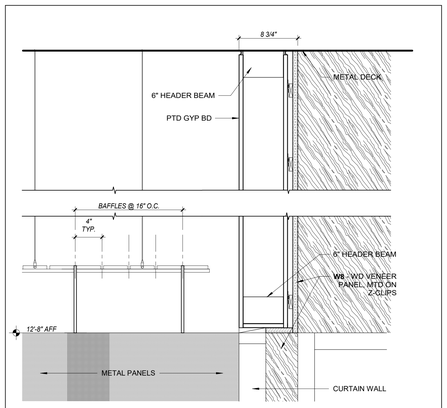
DRAWING TITLE:

CEILING DETAILS

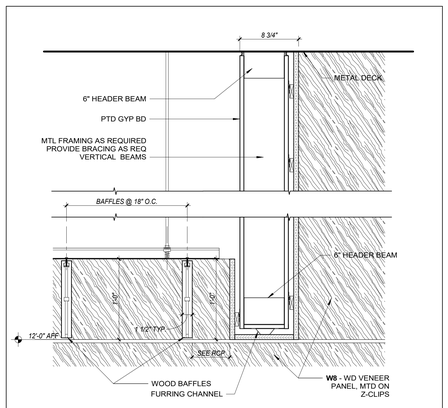
PROJECT NO: 23000 | DATE: 9/23/2025

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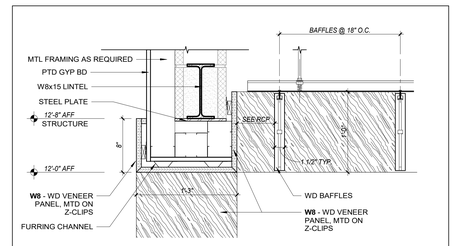
A-860



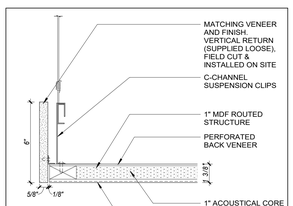
08 SECTION - SOFFIT SHED CORRIDOR 2
SCALE: 1 1/2" = 1'-0"



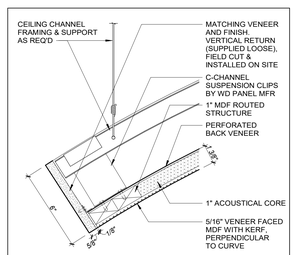
07 SECTION - SOFFIT SHED CORRIDOR
SCALE: 1 1/2" = 1'-0"



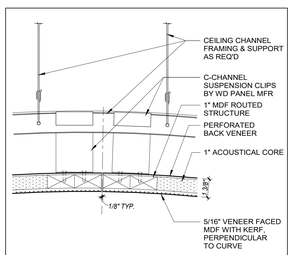
06 SECTION - CONNECTOR
SCALE: 1 1/2" = 1'-0"



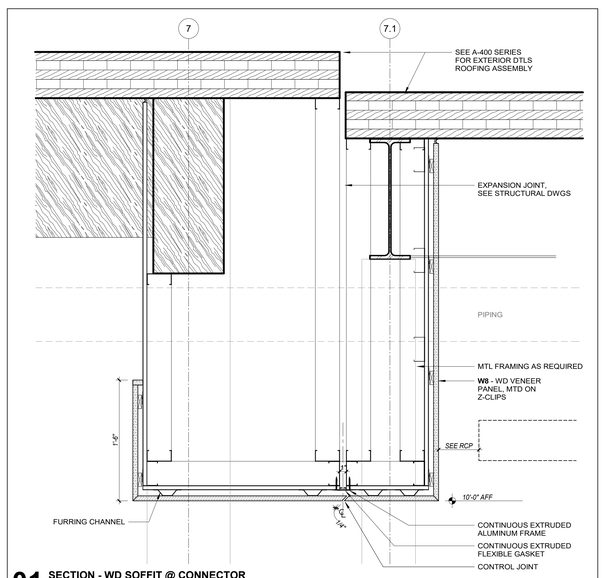
05 WD CLOUD PERIMETER RETURN 2
SCALE: 3" = 1'-0"



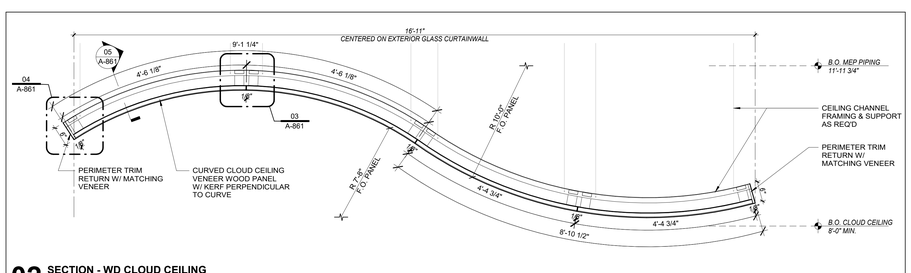
04 WD CLOUD PERIMETER RETURN
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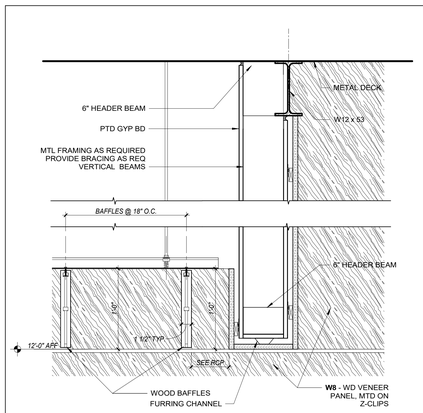
03 WD CLOUD TYP. JOINT
SCALE: 3" = 1'-0"



01 SECTION - WD SOFFIT @ CONNECTOR
SCALE: 1 1/2" = 1'-0"



02 SECTION - WD CLOUD CEILING
SCALE: 3/4" = 1'-0"



09 SECTION - SOFFIT SHED CORRIDOR 3
SCALE: 1 1/2" = 1'-0"

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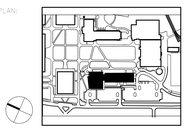
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KEY PLAN:



PLAN NORTH

PROJECT:

SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

CEILING DETAILS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

A-861

LEGEND

- ◄⊖ - INDICATES BEAM PENETRATION (REFER TO BEAM PENETRATION DETAILS FOR ALLOWABLE SIZES)
- ▨ - INDICATES ALLOWABLE LOCATION OF PENETRATION
- [A] - INDICATES BEAM TYPE

GENERAL NOTES

1. PLANS INDICATE ANTICIPATED LOCATIONS OF BEAM PENETRATIONS TO BE FACTORY CUT. DISTANCE & SIZE REQUIREMENTS VARY PER BEAM TYPE. SEE DETAILS. PENETRATION LOCATIONS MAY BE MODIFIED AS NEEDED WITHIN ALLOWABLE RANGES INDICATED IN PLANS.
2. FIELD CUT ADDITIONAL PENETRATIONS AS NEEDED WITHIN ALLOWABLE RANGES INDICATED IN PLANS.
3. GLU-LAM MANUFACTURER TO PROVIDE 1 DOWEL (FINISH TO MATCH BEAMS) FOR EVERY 3 PENETRATIONS OF EACH BEAM TYPE TO INFILL UNUSED PENETRATIONS. SEE QUANTITIES BELOW.

ANTICIPATED PENETRATION QUANTITIES

BEAM TYPE A
305 PENETRATIONS

BEAM TYPE B
100 PENETRATIONS

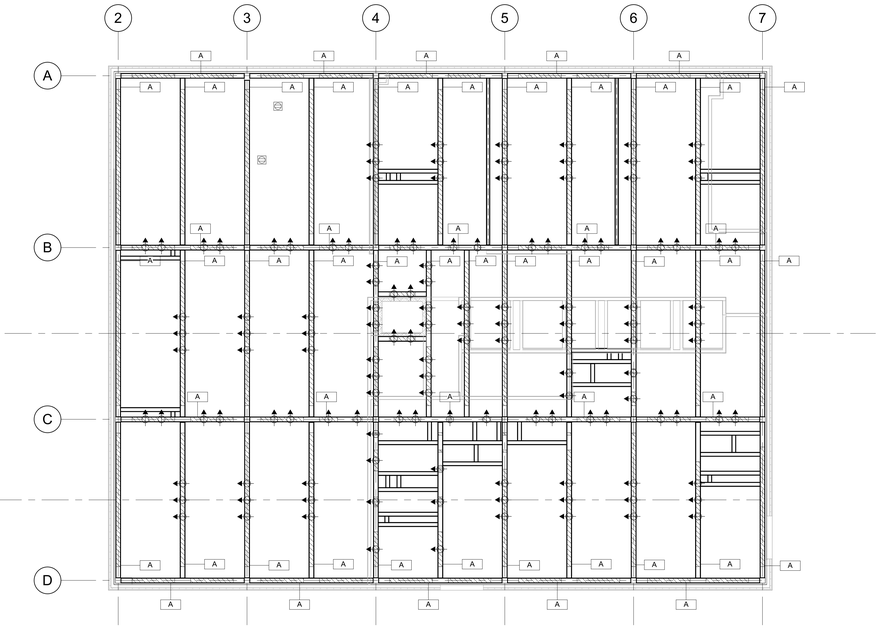
BEAM TYPE C
20 PENETRATIONS

BEAM TYPE D
26 PENETRATIONS

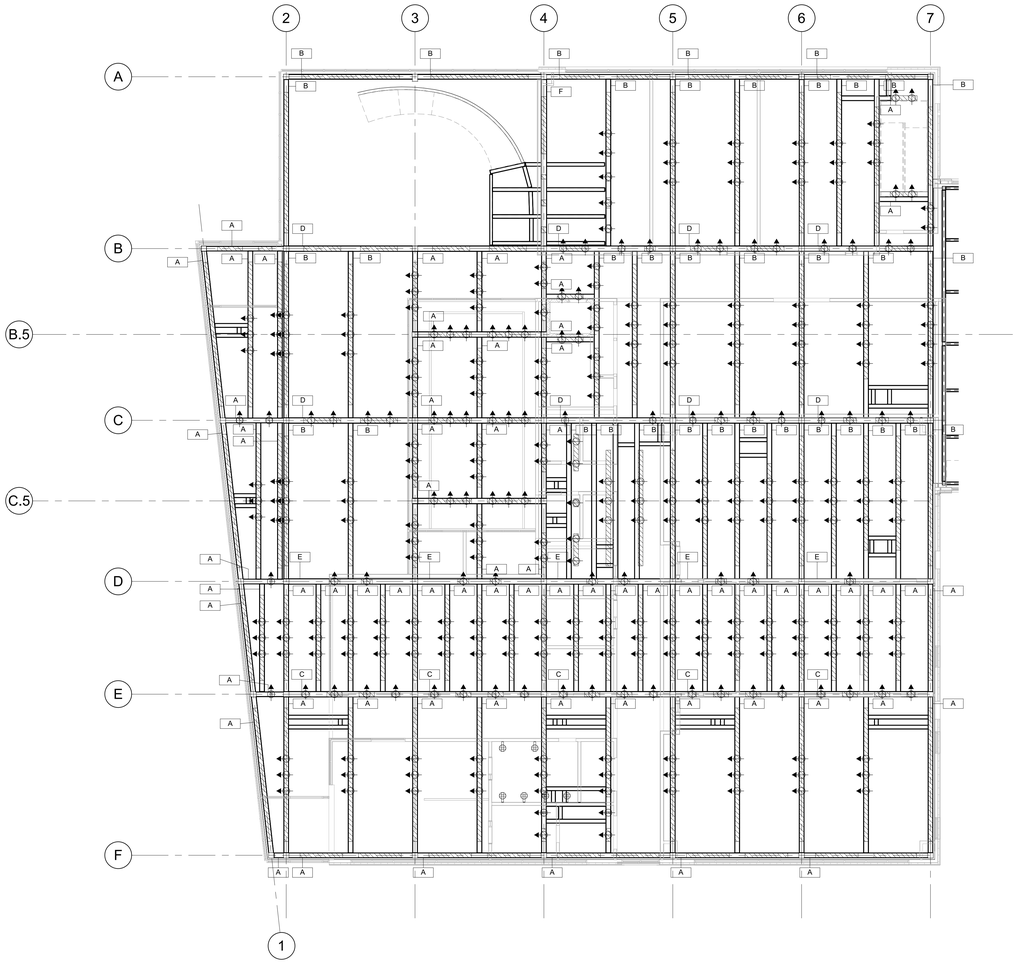
BEAM TYPE E
9 PENETRATIONS

BEAM TYPE F
0 PENETRATIONS

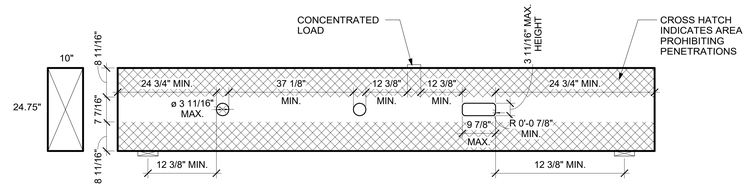
TOTAL: 460 PENETRATIONS



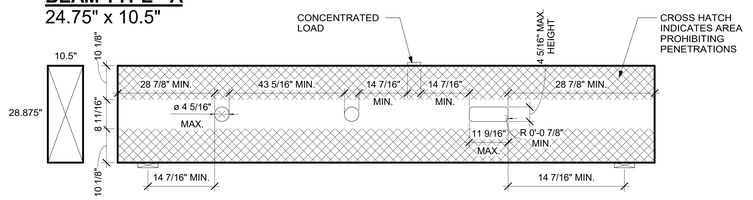
1 RCP - SECOND FLOOR HEAD - BEAM PENETRATIONS
SCALE: 1" = 10'-0"



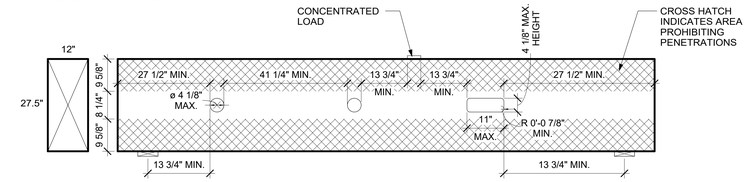
2 RCP - FIRST FLOOR HEAD - BEAM PENETRATIONS
SCALE: 1" = 10'-0"



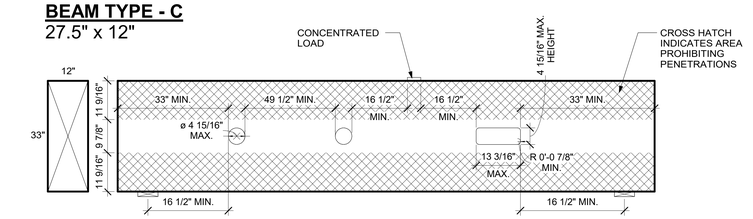
BEAM TYPE - A
24.75" x 10.5"



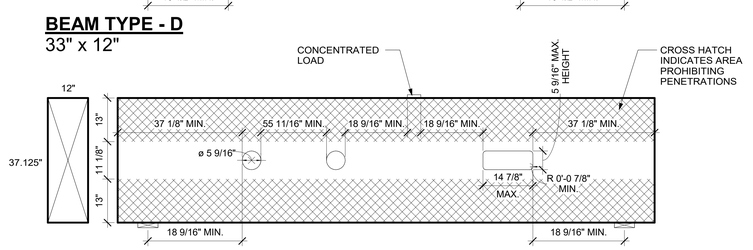
BEAM TYPE - B
28.875" x 10.5"



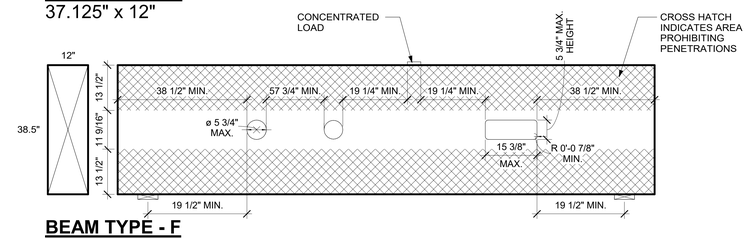
BEAM TYPE - C
27.5" x 12"



BEAM TYPE - D
33" x 12"

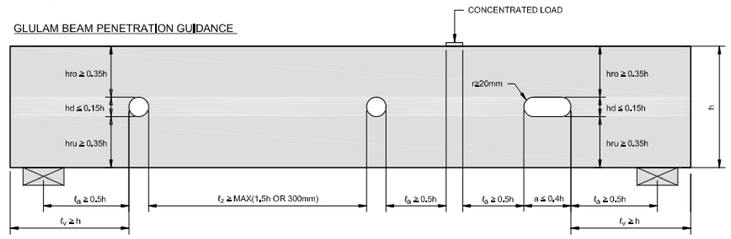


BEAM TYPE - E
37.125" x 12"



BEAM TYPE - F
38.5" x 12"

3 BEAM PENETRATION DETAILS
SCALE: 3/4" = 1'-0"



NOTES:
1. THIS DETAIL IS PROVIDED AS A GENERAL GUIDANCE TO THE CONTRACTOR FOR PENETRATIONS THROUGH GLULAM BEAMS AND GIRDERS. HOWEVER, EACH MANUFACTURE MAY HAVE THEIR OWN REQUIREMENTS AND GUIDANCE THAT TAKES PRECEDENCE OVER THIS DETAIL. PRIOR TO CUTTING ANY OPENINGS, THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH THE MEMBER / PRODUCT REQUIREMENTS.
2. SHEAR RESISTANCE AT REDUCED SECTION, BENDING STRESS RESISTANCE ABOVE AND BELOW OPENING AND SPLITTING RESISTANCE MUST BE VERIFIED.
3. OPENING SIZE: THE OPENING HEIGHT SHOULD NOT EXCEED 0.15h, WHERE h IS THE BEAM DEPTH. FOR RECTANGULAR OPENINGS, THE OPENING WIDTH SHOULD NOT EXCEED 0.4h
4. OPENING LOCATION: THE OPENING SHOULD HAVE A MINIMUM CLEAR DISTANCE, AS MEASURED FROM THE EDGE OF THE OPENING, OF 0.35h TO THE TOP OR BOTTOM FACE OF THE BEAM, h TO THE END OF THE BEAM AND 0.5h TO THE CENTER OF SUPPORT. IF THERE IS A CONCENTRATED LOAD, THE OPENING SHOULD HAVE A MINIMUM CLEAR DISTANCE OF 0.5h, AS MEASURED FROM THE EDGE OF THE OPENING TO THE NEAREST EDGE OF THE LOAD.
5. OPENING SPACING: THE MINIMUM CLEAR DISTANCE BETWEEN ANY ADJACENT OPENINGS SHOULD BE 1.5h OR 300mm, WHICHEVER IS LARGER.

GLULAM BEAM PENETRATIONS WITHOUT REINFORCEMENT

N.T.S.

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT MATTHEW E. HAYES 039779 STATE OF NEW YORK

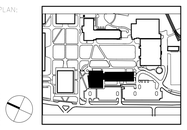
EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:

NO.	DATE	COMMENTS
1	9/23/25	REBID & CONSTRUCTION

ALL DIMENSIONS AND CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



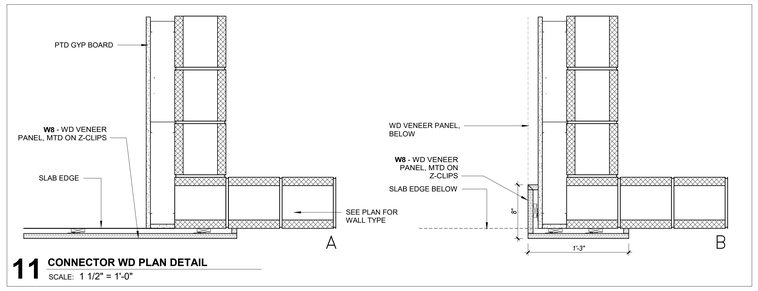
PLAN NORTH

PROJECT:
SCIENCE & TECHNOLOGY BUILDING

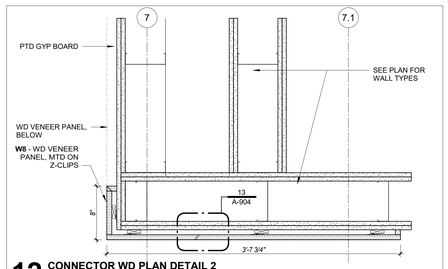
DRAWING TITLE:
BEAM PENETRATIONS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

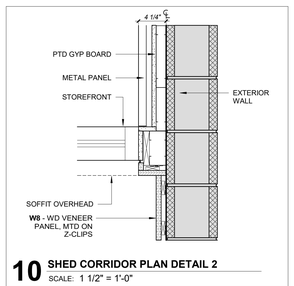
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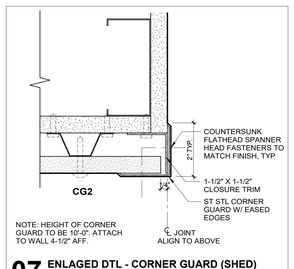
11 CONNECTOR WD PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



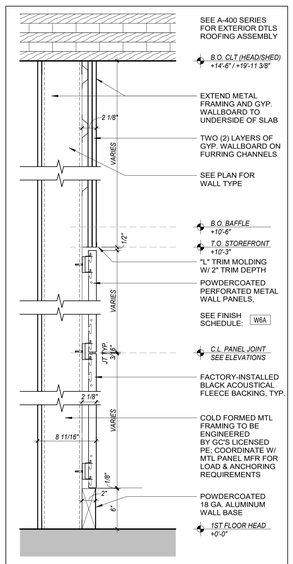
12 CONNECTOR WD PLAN DETAIL 2
SCALE: 1 1/2" = 1'-0"



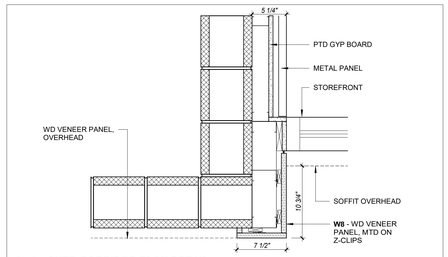
10 SHED CORRIDOR PLAN DETAIL 2
SCALE: 1 1/2" = 1'-0"



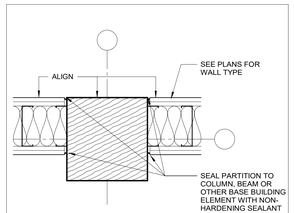
07 ENLAGED DTL - CORNER GUARD (SHED)
SCALE: 6" = 1'-0"



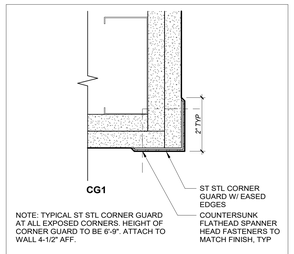
05 TYP. METAL PANEL WALL SECTION
SCALE: 1 1/2" = 1'-0"



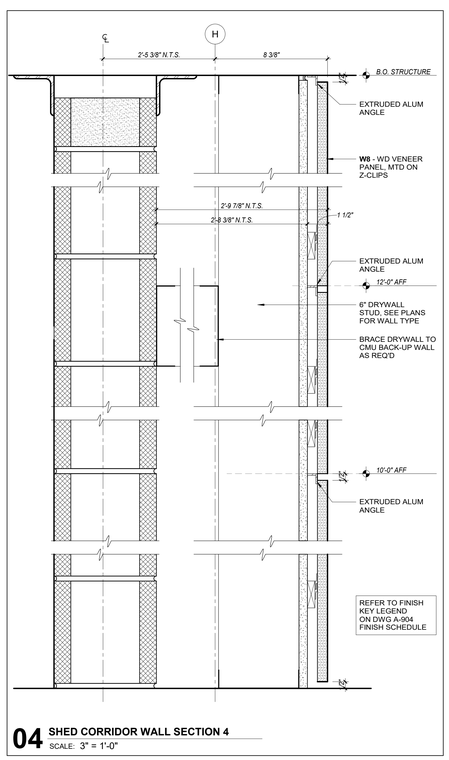
09 SHED CORRIDOR PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



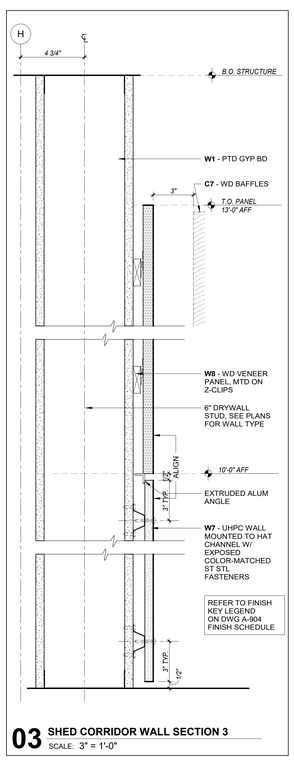
08 TYP. EXPOSED GLULAM COLUMN
SCALE: 1 1/2" = 1'-0"



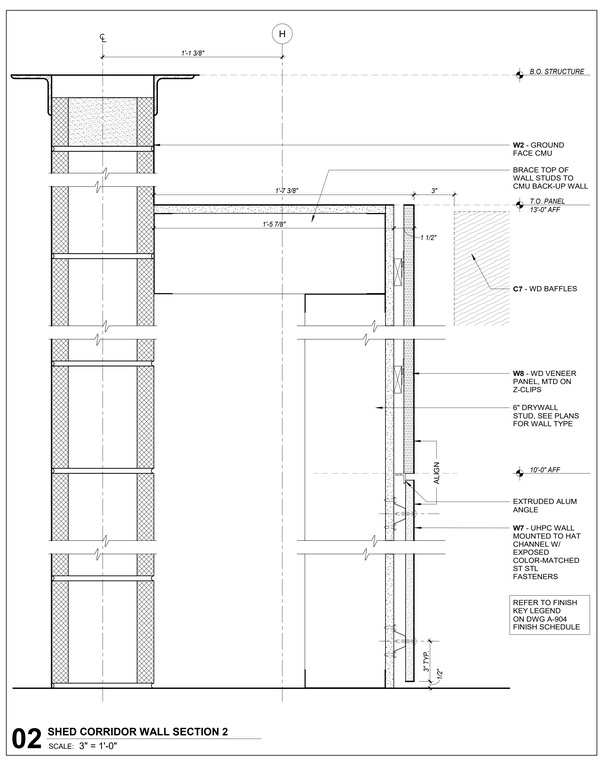
06 ENLAGED DTL - TYP. CORNER GUARD
SCALE: 6" = 1'-0"



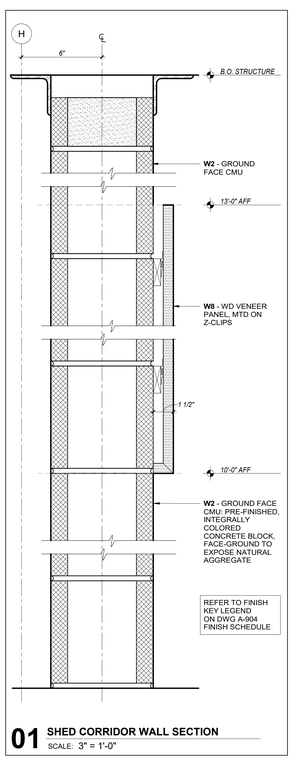
04 SHED CORRIDOR WALL SECTION 4
SCALE: 3" = 1'-0"



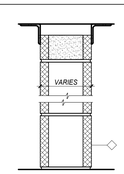
03 SHED CORRIDOR WALL SECTION 3
SCALE: 3" = 1'-0"



02 SHED CORRIDOR WALL SECTION 2
SCALE: 3" = 1'-0"

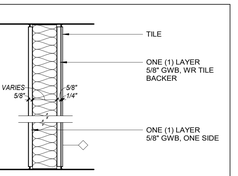


01 SHED CORRIDOR WALL SECTION
SCALE: 3" = 1'-0"



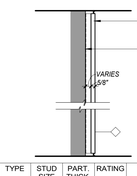
TYPE	NOM. SIZE	ACTUAL SIZE	RATING	NOTES
M0	6"	5 5/8"	-	-
M0.1	8"	7 5/8"	-	-
M1.1	8"	7 5/8"	1 HR	UL U906
M2.1	8"	7 5/8"	2 HR	UL U904

M PARTITION TYPE M
SCALE: 1 1/2" = 1'-0"



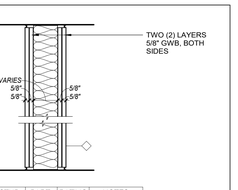
TYPE	STUD SIZE	PART. THICK.	RATING	NOTES
F0	3 5/8"	5 1/8"	-	-
F0.1	6"	7 1/2"	-	-

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



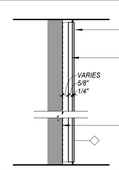
TYPE	STUD SIZE	PART. THICK.	RATING	NOTES
K0	7/8"	1 1/2"	-	-
K0.1	1 1/2"	2 1/8"	-	-
K0.2	2 1/2"	3 1/8"	-	-
K0.3	3 5/8"	4 1/4"	-	-
K0.4	6"	6 5/8"	-	-

K PARTITION TYPE K
SCALE: 1 1/2" = 1'-0"



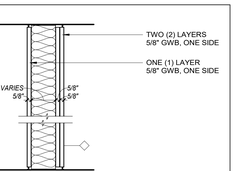
TYPE	STUD SIZE	PART. THICK.	RATING	NOTES
C0	3 5/8"	6 1/8"	-	-
C0.1	6"	8 1/2"	-	-
C1	3 5/8"	6 1/8"	1 HR	UL U419
C1.1	6"	8 1/2"	1 HR	UL U419

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



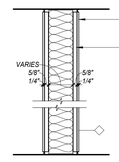
TYPE	STUD SIZE	PART. THICK.	RATING	NOTES
J0	7/8"	2"	-	-
J0.1	1 1/2"	2 3/8"	-	-
J0.2	2 1/2"	3 3/8"	-	-
J0.3	3 5/8"	4 1/2"	-	-
J0.4	6"	6 7/8"	-	-

J PARTITION TYPE J
SCALE: 1 1/2" = 1'-0"



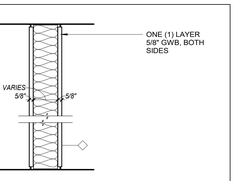
TYPE	STUD SIZE	PART. THICK.	RATING	NOTES
B0	3 5/8"	5 1/2"	-	STC 45
B0.1	6"	7 7/8"	-	-
B1	3 5/8"	5 1/2"	1 HR	UL U419
B1.1	6"	7 7/8"	1 HR	UL U419

B PARTITION TYPE B
SCALE: 1 1/2" = 1'-0"



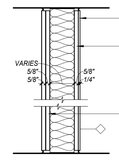
TYPE	STUD SIZE	PART. THICK.	RATING	NOTES
H0	3 5/8"	5 3/8"	-	-
H0.1	6"	7 3/4"	-	-

H PARTITION TYPE H
SCALE: 1 1/2" = 1'-0"



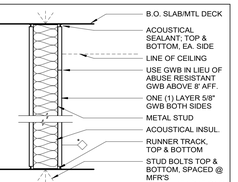
TYPE	STUD SIZE	PART. THICK.	RATING	NOTES
A0	3 5/8"	4 7/8"	-	STC 45
A0.1	6"	7 1/4"	-	-
A1	3 5/8"	4 7/8"	1 HR	UL U419
A1.1	6"	7 1/4"	1 HR	UL U419

A PARTITION TYPE A
SCALE: 1 1/2" = 1'-0"



TYPE	STUD SIZE	PART. THICK.	RATING	NOTES
G0	3 5/8"	5 3/4"	-	-

G PARTITION TYPE G
SCALE: 1 1/2" = 1'-0"



00 TYPICAL GYPSUM PARTITION TYPES
SCALE: 1 1/2" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

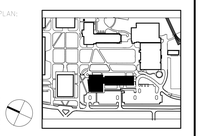
SEAL:
REGISTERED ARCHITECT JACK R. BRADDOCK 015807 STATE OF NEW YORK
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

NO.	DATE	COMMENTS
	09-23-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:

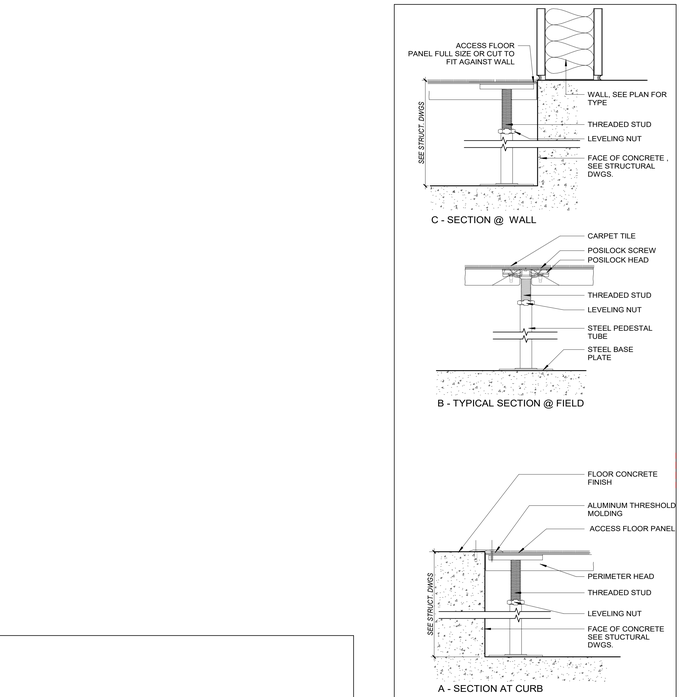


PROJECT:
SCIENCE & TECHNOLOGY BUILDING

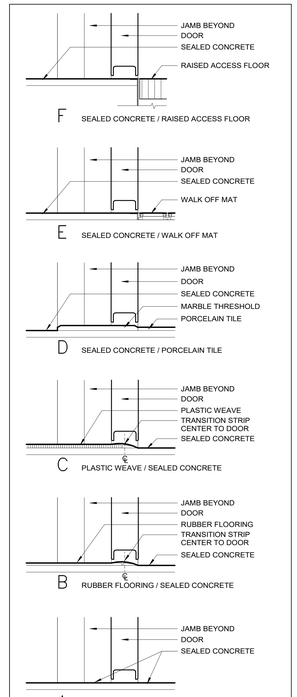
DRAWING TITLE:
WALL TYPES

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: As Indicated

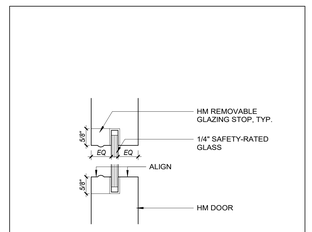
A-900



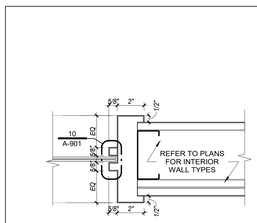
07 DETAILS - RAISED FLOOR
SCALE: 3" = 1'-0"



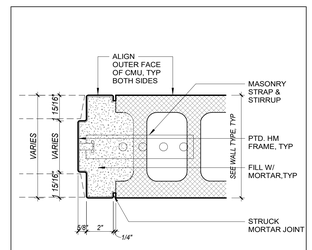
06 THRESHOLDS
SCALE: 3" = 1'-0"



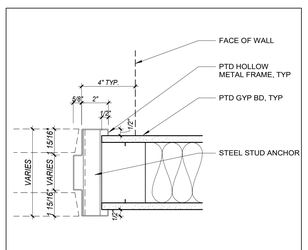
09 TYP. SECTION - HM DOOR W/ LITE
SCALE: 6" = 1'-0"



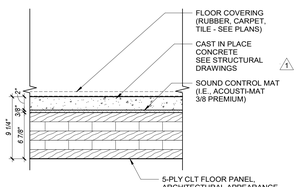
08 TYP. SECTION - HM INT WINDOW
SCALE: 3" = 1'-0"



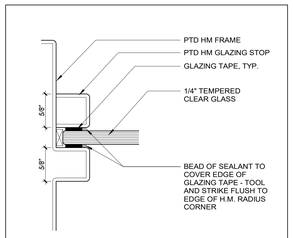
04 HM JAMB/HEAD DETAIL @ CMU
SCALE: 3" = 1'-0"



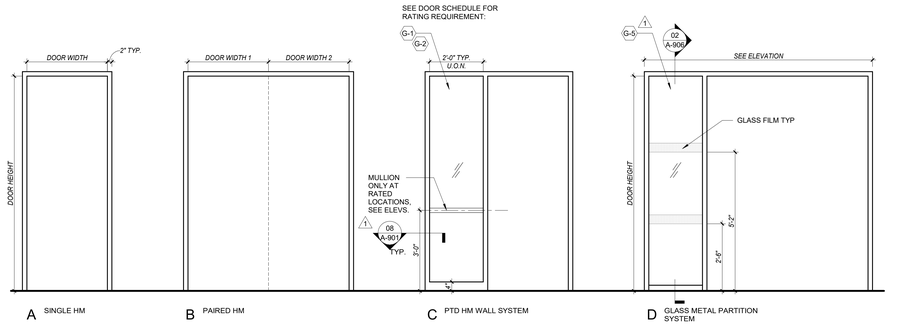
03 HM JAMB/HEAD DETAIL @ GWB
SCALE: 3" = 1'-0"



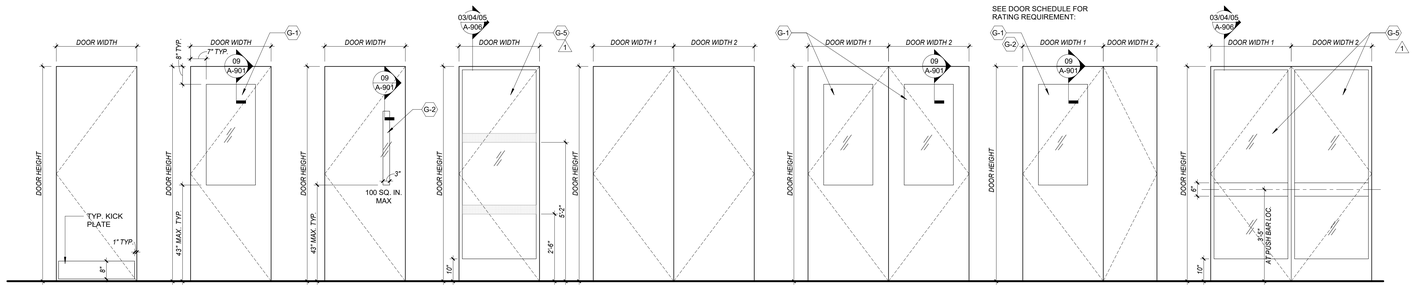
05 DETAIL - TYP. CLT FLOOR ASSEMBLY
SCALE: 1 1/2" = 1'-0"



10 HM INT WINDOW - GLASS SEAL
SCALE: 12" = 1'-0"



02 FRAME TYPES
SCALE: 1/2" = 1'-0"



01 DOOR TYPES
SCALE: 1/2" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MA MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

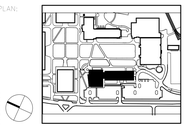
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO.	DATE	COMMENTS
1	09-23-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PROJECT:

SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

INTERIOR DOOR TYPES AND FRAMES

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

A-901

DOOR NO.	TO ROOM: NAME	NO.	DOOR WIDTH	DOOR WIDTH 2	DOOR HT.	DOOR TYPE	DOOR MATL.	FRAME TYPE	FRAME MATL.	THRESHOLD	HARDWARE	RATING	REMARKS
FIRST FLOOR HEAD													
ME100.1	JANITOR'S CLOSET	ME101	3'-0"	3'-0"	8'-0"	AA	HM	B	HM		4		
ME102.1	DATA	ME102	3'-0"	0"	8'-0"	A	HM	A	HM		1A		
ME103.1	ELECTRIC	ME103	3'-0"	3'-0"	8'-0"	AA	HM	B	HM		4		
ME103.2	ELECTRIC	ME103	3'-0"	3'-0"	8'-0"	AA	HM	B	HM		4		
RR101.1	ADA RESTROOM	RR101	3'-0"	0"	8'-0"	A	HM	A	HM		6		
RR102.1	WELLNESS	RR102	3'-0"	0"	8'-0"	A	HM	A	HM		6		
RR103.1	RESTROOM	RR103	3'-0"	0"	8'-0"	A	HM	A	HM		6		
RR104.1	RESTROOM	RR104	3'-0"	0"	8'-0"	A	HM	A	HM		6		
ST100.1	AUTOMATION TRAINING CENTER	ST100	3'-0"	3'-0"	8'-0"	DD	GMPS	D	GMPS		8		
ST100.2	AUTOMATION TRAINING CENTER	ST100	3'-6"	0"	8'-0"	D	GMPS	D	GMPS		10A		
ST100A.1	GOWNING	ST100A	3'-0"	0"	8'-0"	D	GMPS	D	GMPS		E3		CARD READER - GMPS
ST100B.1	OFFICE	ST100B	3'-6"	0"	8'-0"	D	GMPS	D	GMPS		10		
ST101.1	FAB LAB	ST101	3'-0"	3'-0"	7'-11"	BB	HM/GL	D	GMPS		E2		CARD READER - ACTIVE LEAF
ST101A.1	FAB COLLAB	ST101A	3'-0"	0"	8'-0"	A	HM	A	HM		E1		CARD READER
ST101A.2	FAB COLLAB	ST101A	3'-0"	0"	8'-0"	B	HM/GL	C	HM		11A		
ST101B.1	POST PROCESS	ST101B	3'-0"	0"	8'-0"	A	HM	C	HM		11A		
ST101BA.1	METAL PRINT	ST101BA	3'-0"	3'-0"	8'-0"	AA	HM	B	HM		9A		
ST101BA.2	METAL PRINT	ST101BA	3'-0"	0"	8'-0"	A	HM	A	HM		11A		
ST102.1	MECHATRONICS ROBOTICS	ST102	3'-0"	0"	8'-0"	A	HM	C	HM		11		
ST103.1	GENERAL CHEMISTRY	ST103	3'-0"	0"	8'-0"	A	HM	C	HM		11	3/4 HR	
ST104.1	CHEM WASTE	ST104	3'-0"	1'-6"	8'-0"	AA	HM	B	HM		4		
ST105.1	PREP ROOM	ST105	3'-0"	0"	8'-0"	B	HM/GL	C	HM		11B		
ST105A.1	CHEM STORAGE	ST105A	3'-0"	0"	8'-0"	A	HM	A	HM		11A		
ST105A.2	CHEM STORAGE	ST105A	3'-0"	0"	8'-0"	A	HM	A	HM		11A		
ST105A.3	CHEM STORAGE	ST105A	3'-0"	0"	8'-0"	A	HM	A	HM		11B		
ST105B.1	INSTRUMENT	ST105B	3'-0"	0"	8'-0"	B	HM/GL	C	HM		11A		
ST105B.2	INSTRUMENT	ST105B	3'-0"	0"	8'-0"	B	HM/GL	C	HM		11A		
ST106.1	OFFICE	ST106	3'-0"	0"	8'-0"	A	HM	C	HM		12		
ST107.1	ORGANIC CHEMISTRY	ST107	3'-0"	0"	8'-0"	A	HM	C	HM		11	3/4 HR	
ST108.1	OFFICE	ST108	3'-0"	0"	8'-0"	A	HM	C	HM		12		
ST109.1	PNEUMATIC & VACUUM	ST109	3'-0"	1'-6"	8'-0"	BA	HM/GL	B	HM		9		
ST109.2	PNEUMATIC & VACUUM	ST109	3'-0"	0"	8'-0"	B	HM/GL	C	HM		5		
ST110.1	CLASSROOM	ST110	3'-0"	0"	8'-0"	A	HM	C	HM		11		
ST111.1	HYDRAULIC & MECHANIC	ST111	3'-0"	1'-6"	8'-0"	BA	HM/GL	B	HM		9		
ST112.1	CLASSROOM	ST112	3'-0"	0"	8'-0"	A	HM	C	HM		11		
ST114.1	CLASSROOM	ST114	3'-0"	0"	8'-0"	A	HM	C	HM		11		
STA.1	STAIR A	STA	3'-0"	0"	8'-0"	C	HM/GL	A	HM		3	3/4 HR	
SECOND FLOOR HEAD													
ME201.1	IT CLOSET	ME201	3'-0"	3'-0"	8'-0"	AA	HM	B	HM		4		
ME202.1	MECHANICAL	ME202	3'-0"	3'-0"	8'-0"	AA	HM	B	HM		4		
ME202.2	MECHANICAL	ME202	2'-10"	2'-10"	8'-0"	AA	HM	B	HM		4		
RR201.1	ADA RESTROOM	RR201	3'-0"	0"	8'-0"	A	HM	A	HM		6		
RR202.1	ADA RESTROOM	RR202	3'-0"	0"	8'-0"	A	HM	A	HM		6		
RR203.1	RESTROOM	RR203	3'-0"	0"	8'-0"	A	HM	A	HM		6		
RR204.1	RESTROOM	RR204	3'-0"	0"	8'-0"	A	HM	A	HM		6		
RR205.1	RESTROOM	RR205	3'-0"	0"	8'-0"	A	HM	A	HM		6		
RR206.1	ADA RESTROOM	RR206	3'-0"	0"	8'-0"	A	HM	A	HM		6		
ST208.1	STORAGE	ST208	3'-0"	3'-0"	8'-0"	AA	HM	B	HM		4		
STA.2	STAIR	STA	3'-0"	0"	8'-0"	C	HM/GL	A	HM		3	3/4 HR	
FIRST FLOOR SHED													
ME104.1	JAN CLST	ME104	3'-0"	0"	7'-10"	A	HM	A	HM		1		
ME105.1	ELEC	ME105	3'-8"	0"	8'-0"	A	HM	A	HM		3	3/4 HR	
ME106.1	IT/SEC	ME106	3'-2"	3'-2"	7'-10"	AA	HM	B	HM		4		
ME110.1	BOILER ROOM	ME110	3'-0"	0"	7'-10"	A	HM	A	HM		1B	3/4 HR	
RR105.1	RESTROOM	RR105	3'-0"	0"	7'-10"	A	HM	A	HM		2		
RR106.1	RESTROOM	RR106	3'-0"	0"	7'-10"	A	HM	A	HM		2		
RR107.1	ADA RESTROOM	RR107	3'-0"	0"	7'-10"	A	HM	A	HM		6		
ST113.1	CIVIL LAB	ST113	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9		
ST113A.1	TOOL STORAGE	ST113A	3'-2"	3'-2"	7'-10"	AA	HM	B	HM		4		
ST115.1	COLLAB LAB	ST115	3'-0"	0"	8'-0"	B	HM/GL	C	HM		E1C		CARD READER
ST116.1	INDUSTRIAL CONTROLS	ST116	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9		
ST116.2	INDUSTRIAL CONTROLS	ST116	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9		
ST117.1	CAD LAB	ST117	3'-0"	0"	7'-10"	B	HM/GL	C	HM		E1		CARD READER
ST117.2	CAD LAB	ST117	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9A		
ST118.1	ELEC CODES	ST118	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9		
ST118.2	ELEC CODES	ST118	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9		
ST119.1	MACHINE & CNC LAB	ST119	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9		
ST119.2	MACHINE & CNC LAB	ST119	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9		
ST119.3	MACHINE & CNC LAB	ST119	3'-0"	1'-4"	7'-10"	AA	HM	B	HM		4		
ST120.1	MATERIAL TESTING	ST120	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9		
ST121.1	WELDING LAB	ST121	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9		
ST121.2	WELDING LAB	ST121	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9		
ST121A.1	WELDING TOOL STORAGE	ST121A	3'-0"	1'-4"	7'-10"	AA	HM	B	HM		4		
ST121D.1	WELDING LAB	ST121	2'-4"	2'-4"	7'-10"	AA	HM	B	HM		4		
ST121D.2	WELDING LAB	ST121	2'-4"	2'-4"	7'-10"	AA	HM	B	HM		4		
ST122.1	MATERIAL PROCESS	ST122	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9		
ST122.2	MATERIAL TESTING	ST120	3'-0"	3'-0"	7'-11"	BB	HM/GL	B	HM		13		
ST123.1	HVAC LAB	ST123	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM ⚠1		9B	3/4 HR	EM HOLD OPEN
ST123.2	HVAC LAB	ST123	3'-0"	1'-4"	7'-10"	BA	HM/GL	B	HM		9B	3/4 HR	EM HOLD OPEN
ST124.1	BUILDING STORAGE	ST124	3'-2"	3'-2"	7'-10"	AA	HM	B	HM		4B		
ST126.1	STO/WASTE	ST126	3'-0"	0"	7'-10"	A	HM	A	HM		1A		
STB.1	STAIR	STB	3'-0"	0"	7'-10"	A	HM	A	HM		3	3/4 HR	

DOOR NO.	TO ROOM: NAME	NO.	DOOR WIDTH	DOOR WIDTH 2	DOOR HT.	DOOR TYPE	DOOR MATL.	FRAME TYPE	FRAME MATL.	THRESHOLD	HARDWARE	RATING	REMARKS
SECOND FLOOR HEAD													
ME203.1	CLOSET	ME203	3'-0"	0"	8'-0"	A	HM	A	HM		1B	3/4 HR	
ST201.1	MEETING ROOM	ST201	3'-0"	0"	7'-10"	D	GMPS	D	GMPS		10B		
ST201A.1	AV CLST	ST201A	3'-0"	0"	8'-0"	A	HM	A	HM		1		
ST202.1	COLLABORATION SPACE	ST202	3'-0"	0"	8'-0"	A	HM	C	HM		11	3/4 HR	CLASSROOM LOCKS
ST202.2	COLLABORATION SPACE	ST202	3'-0"	0"	8'-0"	A	HM	C	HM		11	3/4 HR	CLASSROOM LOCKS
ST202.3	COLLABORATION SPACE	ST202	3'-0"	0"	8'-0"	A	HM	C	HM		11	3/4 HR	CLASSROOM LOCKS
ST202A.1	AV CLST	ST202A	3'-0"	3'-0"	8'-0"	AA	HM	B	HM		4		
ST203.1	PANTRY	ST203	3'-2"	0"	7'-10"	D	GMPS	D	GMPS		10B		
ST204.1	BREAKOUT	ST204	3'-2"	0"	7'-10"	D	GMPS	D	GMPS		10B		
ST205.1	MEETING ROOM	ST205	3'-2"	0"	7'-10"	D	GMPS	D	GMPS		10B		
ST205.2	MEETING ROOM	ST205	3'-2"	0"	7'-10"	D	GMPS	D	GMPS		10B		
ST205A.1	STORAGE/AV	ST205A	3'-0"	0"	8'-0"	A	HM	A	HM		1		
ST206.1	BREAKOUT	ST206	3'-0"	0"	7'-10"	D	GMPS	D	GMPS		10B		

⚠1

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
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Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

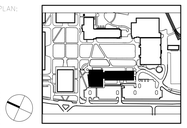
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

NO	DATE	COMMENTS
1	09-23-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PLAN NORTH

PROJECT:

SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

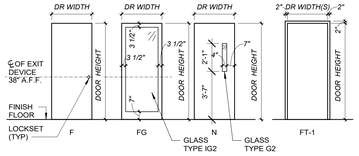
INTERIOR DOOR SCHEDULES

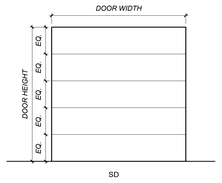
PROJECT NO: 23000 | DATE: 9/23/2025

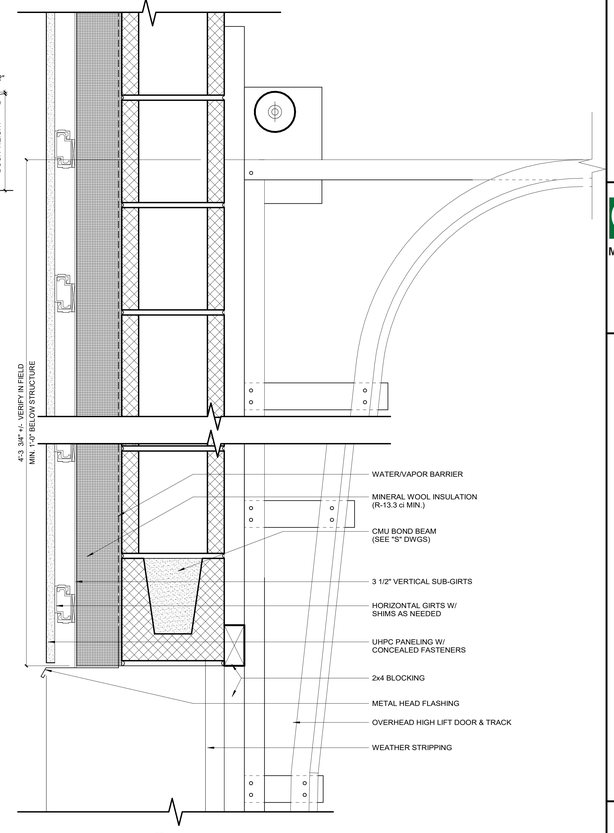
PHASE: REBID & CONSTRUCTION | SCALE:

A-902

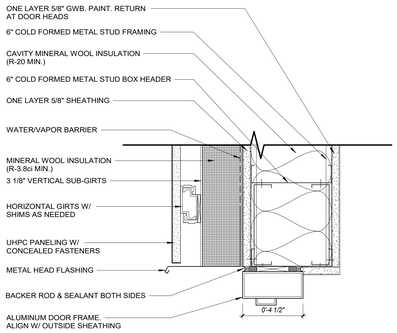
Building	DOOR NO.	DOOR WIDTH	DOOR WIDTH 2	DOOR HT.	DOOR TYPE	DOOR MATL.	FRAME TYPE	FRAME MATL.	FRAME HEAD	FRAME JAMB	THRESHOLD	HARDWARE	FIRE (HR)	DESCRIPTION	THERMAL VALUE	SHGC VALUE	AIR INFLATRATION VALUE
FIRST FLOOR HEAD																	
01 HEAD	ST103.3	3'-0"	0'-0"	7'-6"	F	FRP	FT-1	ALUM	AH-1	AJ-1 / AJ-2	ALUM	E	- - -		U-0.31	-	.01
01 HEAD	ST107.3	3'-0"	0'-0"	7'-6"	F	FRP	FT-1	ALUM	AH-1	AJ-1 / AJ-2	ALUM	E	- - -		U-0.31	-	.01
01 HEAD	STA1	3'-0"	0'-0"	7'-6"	F	FRP	FT-1	ALUM	AH-1	AJ-1 / AJ-2	ALUM	F	1 HR		U-0.31	-	.01
01 HEAD	V100.1	3'-0"	3'-0"	7'-8"	FG	ALUM	SEE A-303	SEE A-303	SEE A-303	SEE A-303	ALUM	A	- - -	SEE CURTAIN WALL ELEVATIONS & DETAILS. A-303 & A-304	U-0.66	.38	.5
01 HEAD	V100.2	3'-0"	3'-0"	7'-8"	FG	ALUM	SEE A-303	SEE A-303	SEE A-303	SEE A-303	ALUM	B	- - -	SEE CURTAIN WALL ELEVATIONS & DETAILS. A-303 & A-304	U-0.66	.38	.5
01 HEAD	V101.1	3'-0"	3'-0"	7'-8"	FG	ALUM	SEE A-303	SEE A-303	SEE A-303	SEE A-303	ALUM	A	- - -	SEE CURTAIN WALL ELEVATIONS & DETAILS. A-303 & A-304	U-0.66	.38	.5
01 HEAD	V101.2	3'-0"	3'-0"	7'-8"	FG	ALUM	SEE A-303	SEE A-303	SEE A-303	SEE A-303	ALUM	B	- - -	SEE CURTAIN WALL ELEVATIONS & DETAILS. A-303 & A-304	U-0.66	.38	.5
SECOND FLOOR HEAD																	
01 HEAD	CR201.1	3'-0"	3'-0"	7'-10"	F	FRP	FT-1	ALUM	AH-1	AJ-2	ALUM	H	- - -		U-0.31	-	.01
01 HEAD	LL202	3'-0"	0'-0"	7'-9 1/2"	FG	ALUM	SEE A-303	SEE A-303	SEE A-303	SEE A-303	ALUM	D	- - -	SEE CURTAIN WALL ELEVATIONS & DETAILS. A-303 & A-304	U-0.66	.38	.5
FIRST FLOOR SHED																	
02 SHED	ME105.2	3'-8"	0'-0"	7'-10"	F	FRP	FT-1	ALUM	AH-2	AJ-3 / AJ-4	ALUM	G	- - -		U-0.31	-	.01
02 SHED	ME110	3'-0"	3'-0"	7'-10"	F	FRP	FT-1	ALUM	AH-2	AJ-3 / AJ-4	ALUM	H	- - -		U-0.31	-	.01
02 SHED	ST113.3	12'-0"	0'-0"	12'-8"	SD	STL	- - -	- - -	OH-1	OJ-1 / OJ-2	- - -	- - -	- - -	HIGH LIFT OVERHEAD DOOR, SEE DETAIL	U-0.19	-	.1
02 SHED	ST119.3	12'-0"	0'-0"	12'-8"	SD	STL	- - -	- - -	OH-1	OJ-1 / OJ-2	- - -	- - -	- - -	HIGH LIFT OVERHEAD DOOR, SEE DETAIL	U-0.19	-	.1
02 SHED	ST121.6	12'-0"	0'-0"	12'-8"	SD	STL	- - -	- - -	OH-1	OJ-1 / OJ-2	- - -	- - -	- - -	HIGH LIFT OVERHEAD DOOR, SEE DETAIL	U-0.19	-	.1
02 SHED	ST121C.1	3'-0"	3'-0"	7'-10"	F	FRP	FT-1	ALUM	AH-2	AJ-3 / AJ-4	ALUM	H	- - -		U-0.31	-	.01
02 SHED	ST122.3	3'-0"	3'-0"	7'-10"	F	FRP	FT-1	ALUM	AH-2	AJ-3 / AJ-4	ALUM	H	- - -		U-0.31	-	.01
02 SHED	ST123.3	12'-0"	0'-0"	12'-8"	SD	STL	- - -	- - -	OH-1	OJ-1 / OJ-2	- - -	- - -	- - -	HIGH LIFT OVERHEAD DOOR, SEE DETAIL	U-0.19	-	.1
02 SHED	STB.2	3'-0"	0'-0"	7'-10"	F	FRP	FT-1	ALUM	AH-2	AJ-3 / AJ-4	ALUM	J	- - -		U-0.31	-	.01
02 SHED	V103.1	2'-9 1/2"	2'-9 1/2"	8'-0"	FG	ALUM	SEE A-303	SEE A-303	SEE A-303	SEE A-303	ALUM	A	- - -	SEE CURTAIN WALL ELEVATIONS & DETAILS. A-303 & A-304	U-0.66	.38	.5
02 SHED	V103.2	2'-9 1/2"	2'-9 1/2"	8'-0"	FG	ALUM	SEE A-303	SEE A-303	SEE A-303	SEE A-303	ALUM	B	- - -	SEE CURTAIN WALL ELEVATIONS & DETAILS. A-303 & A-304	U-0.66	.38	.5
PENTHOUSE FINISH FLOOR																	
02 SHED	EX1.1	3'-0"	3'-0"	7'-10"	F	FRP	FT-1	ALUM	AH-3	AJ-5	ALUM	H	- - -		U-0.31	-	.01
02 SHED	EX2.1	3'-10"	0'-0"	7'-10"	F	FRP	FT-1	ALUM	AH-3	AJ-5	ALUM	E	- - -		U-0.31	-	.01
02 SHED	EX3.1	3'-10"	0'-0"	7'-10"	F	FRP	FT-1	ALUM	AH-3	AJ-5	ALUM	E	- - -		U-0.31	-	.01



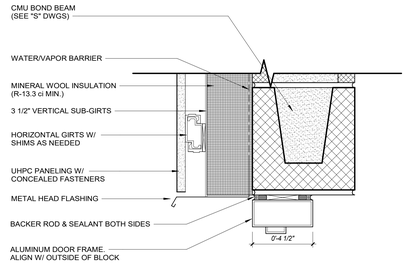




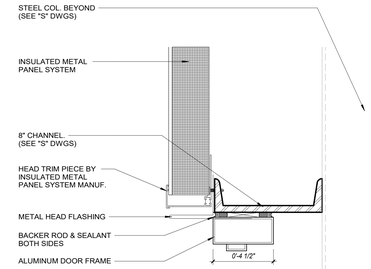
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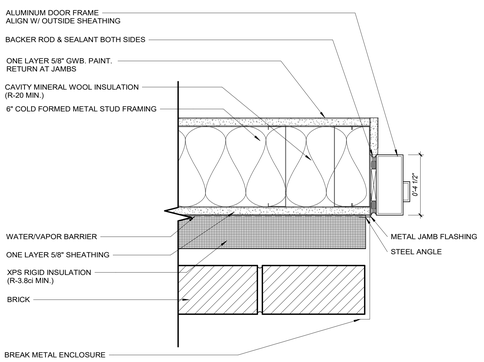
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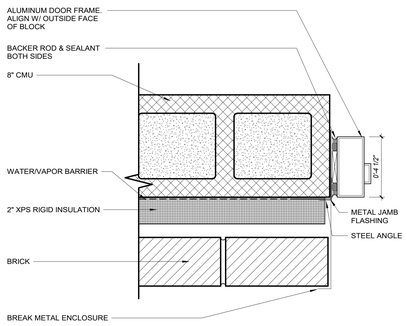
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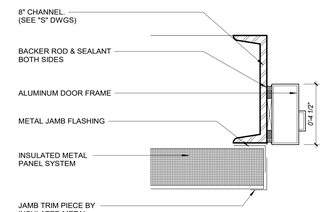
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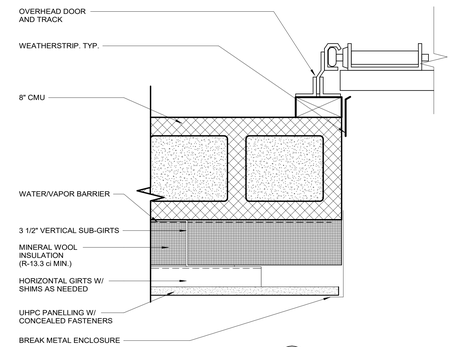
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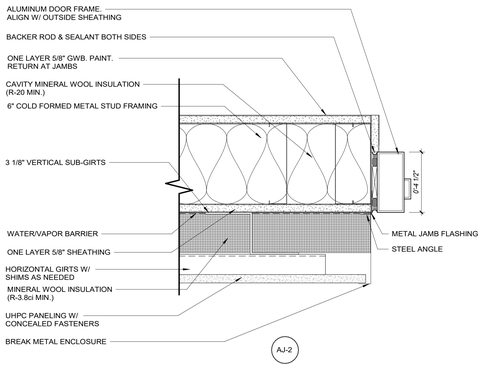
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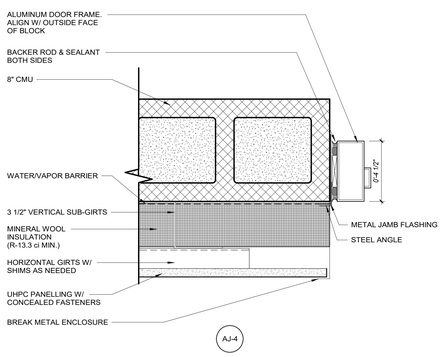
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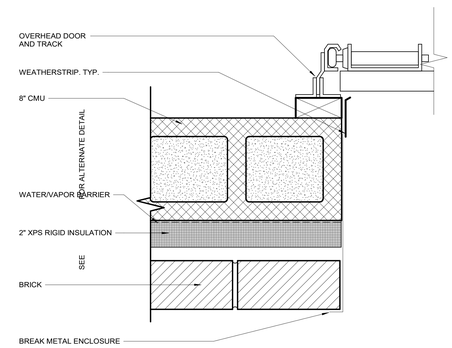
OJ-1



AJ-2



AJ-4



OJ-2

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT MATTHEW E. KEEFE 039779 STATE OF NEW YORK

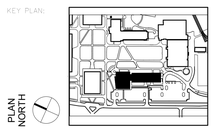
EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:

NO.	DATE	COMMENTS
1	9/23/25	REBID & CONSTRUCTION

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KEY PLAN:



PROJECT:

SCIENCE & TECHNOLOGY BUILDING

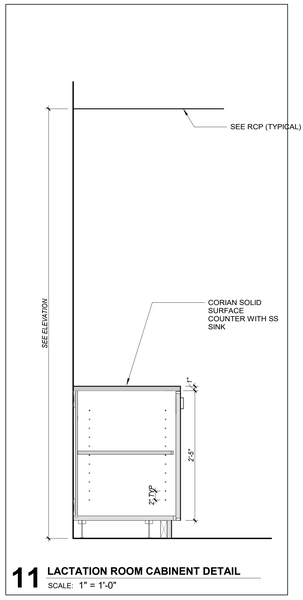
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EXTERIOR DOOR SCHEDULE & DETAILS

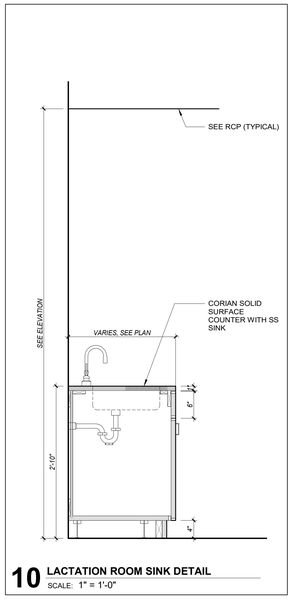
PROJECT NO: 23000 | DATE: 9/23/2025

PHASE: REBID & CONSTRUCTION | SCALE: As indicated

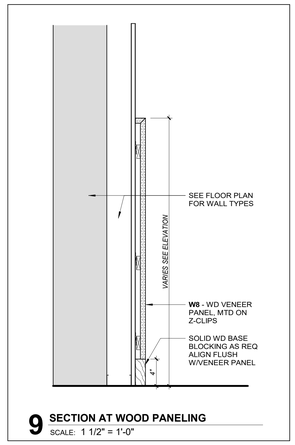
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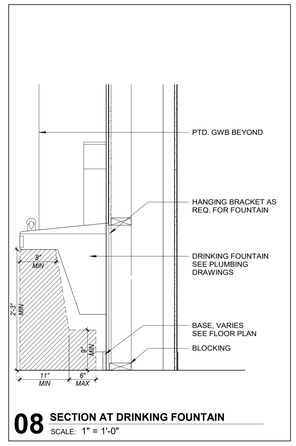
11 LACTATION ROOM CABINENT DETAIL
SCALE: 1" = 1'-0"



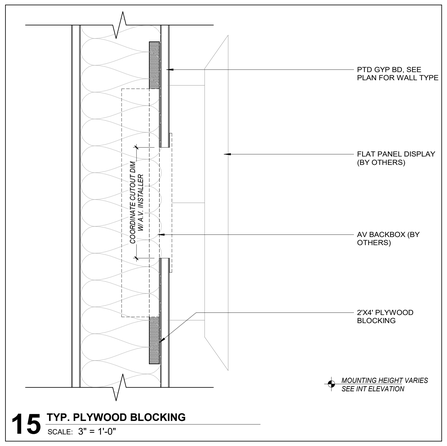
10 LACTATION ROOM SINK DETAIL
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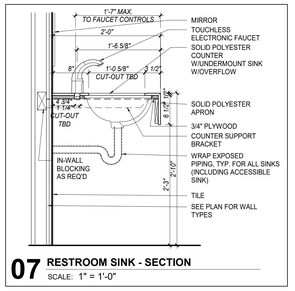
9 SECTION AT WOOD PANELING
SCALE: 1 1/2" = 1'-0"



08 SECTION AT DRINKING FOUNTAIN
SCALE: 1" = 1'-0"



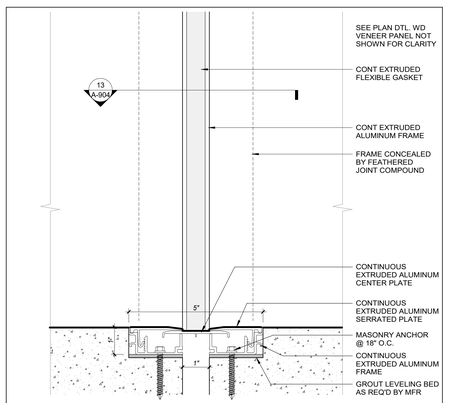
15 TYP. PLYWOOD BLOCKING
SCALE: 3" = 1'-0"



07 RESTROOM SINK - SECTION
SCALE: 1" = 1'-0"

06 SECTION AT GLASS PANELS
SCALE: 1 1/2" = 1'-0"

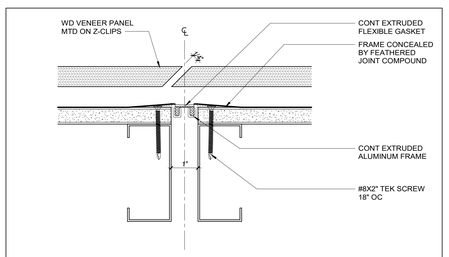
03 TYP CORRIDOR TACKBOARD
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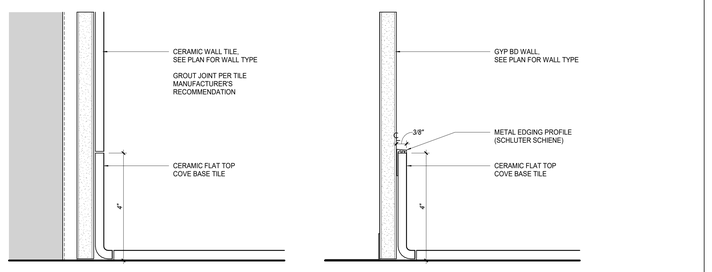
14 EXPANSION JOINT - FLOOR
SCALE: 6" = 1'-0"

05 MARKER BOARD SECTION DETAIL -TOP
SCALE: 12" = 1'-0"

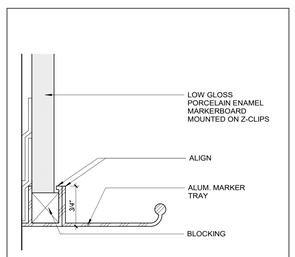
02 PLAN DETAIL- WHITE BOARD PANEL TO PANEL
SCALE: 6" = 1'-0"



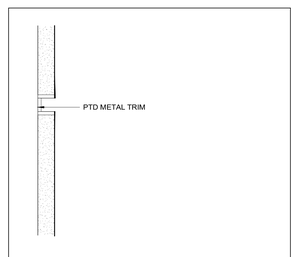
13 EXPANSION JOINT - WALL
SCALE: 6" = 1'-0"



12 RESTROOM TILE BASE DETAIL
SCALE: 6" = 1'-0"



04 MARKER BOARD SECTION DETAIL - BOTTOM
SCALE: 12" = 1'-0"



01 TYPICAL WALL METAL REVEAL
SCALE: 6" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MA MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

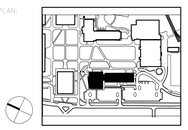
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

NO.	DATE	COMMENTS
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KEY PLAN:



PROJECT:

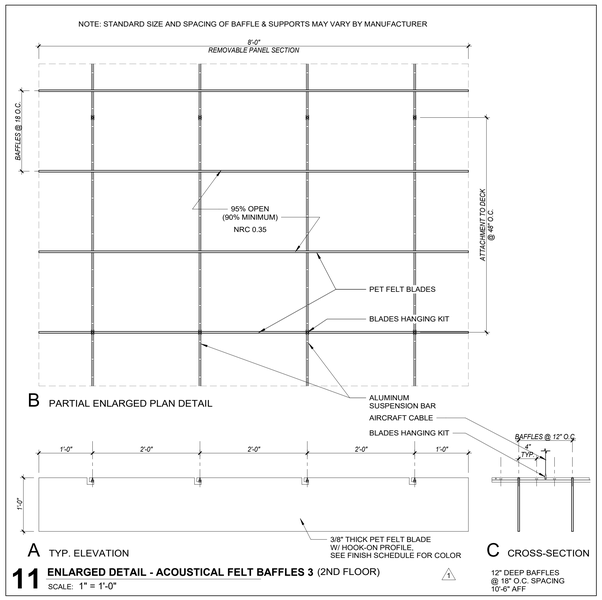
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

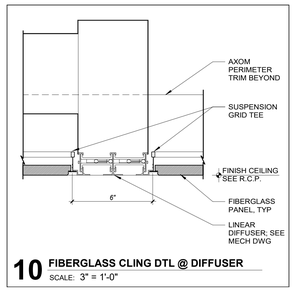
INTERIOR DETAILS

PROJECT NO: 23000 | DATE: 9/23/2025
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A-904

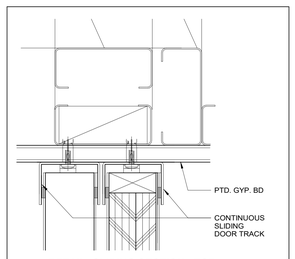


11 ENLARGED DETAIL - ACOUSTICAL FELT BAFFLES 3 (2ND FLOOR)
SCALE: 1" = 1'-0"

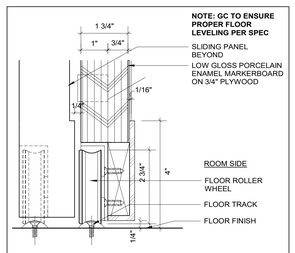


10 FIBERGLASS CLING DTL @ DIFFUSER
SCALE: 3" = 1'-0"

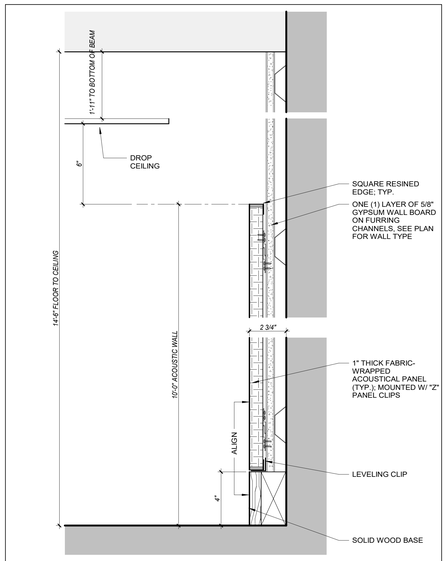
09 FIBERGLASS CLING DETAIL
SCALE: 3" = 1'-0"



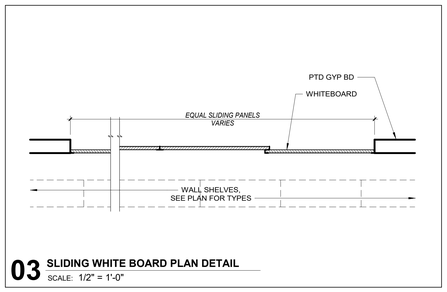
05 DETAIL- SLIDING SECTION - TOP
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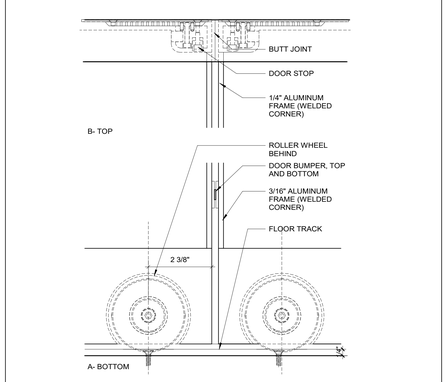
04 DETAIL- SLIDING SECTION - BOTTOM
SCALE: 6" = 1'-0"



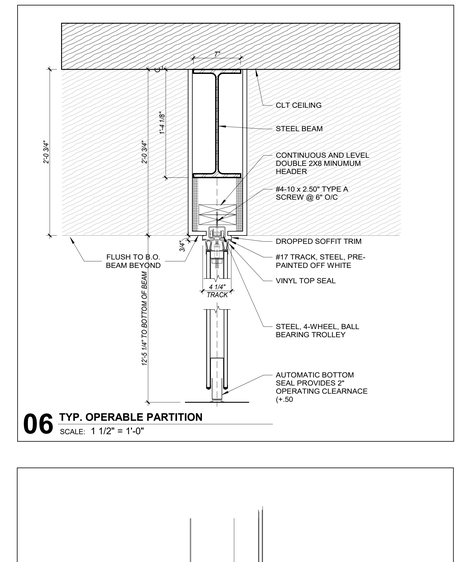
08 SECTION - ACOUSTIC WALL
SCALE: 3" = 1'-0"



03 SLIDING WHITE BOARD PLAN DETAIL
SCALE: 1/2" = 1'-0"

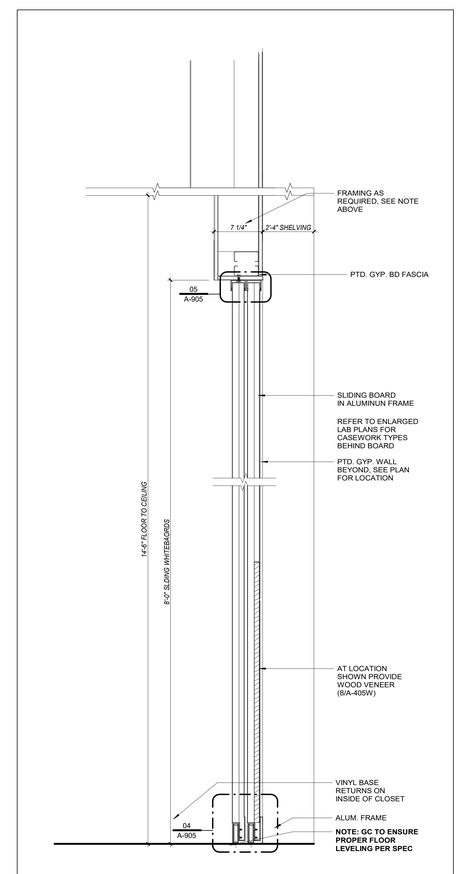


02 ELEVATION DETAIL- SLIDING WHITEBOARD
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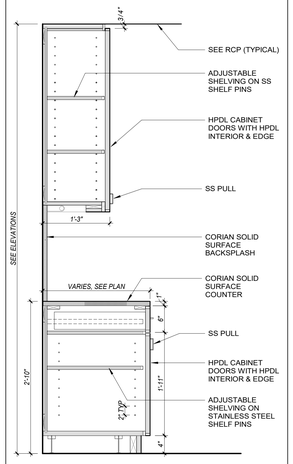


06 TYP. OPERABLE PARTITION
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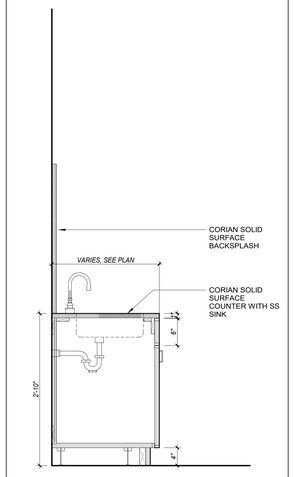
07 OPERABLE PARTITION DETAILS
SCALE: 3" = 1'-0"



01 SLIDING WHITE BOARD SECTION
SCALE: 1 1/2" = 1'-0"



13 PANTRY- SECTION AT CABINET
SCALE: 1" = 1'-0"



12 PANTRY SECTION AT SINK
SCALE: 1" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
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1721 Black River Blvd, Suite L-1
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Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
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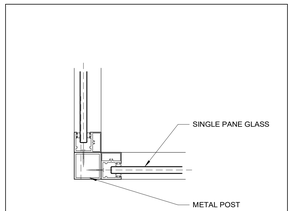
KEY PLAN:
PLAN NORTH

PROJECT:
SCIENCE & TECHNOLOGY BUILDING

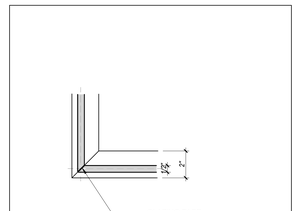
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INTERIOR DETAILS 1

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: As Indicated

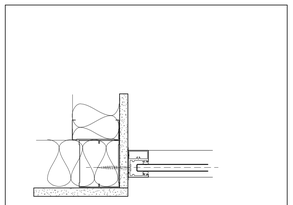
A-905 1



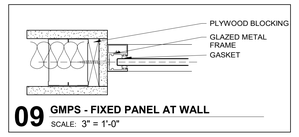
12 GMPS - CORNER POST
SCALE: 3" = 1'-0"



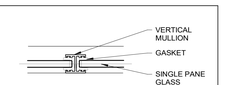
11 GMPS - CORNER MITER
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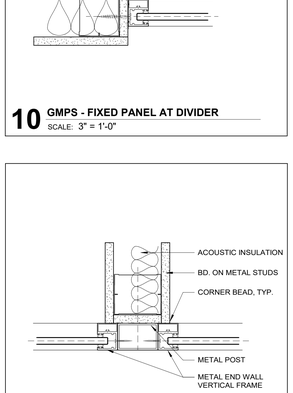
10 GMPS - FIXED PANEL AT DIVIDER
SCALE: 3" = 1'-0"



09 GMPS - FIXED PANEL AT WALL
SCALE: 3" = 1'-0"

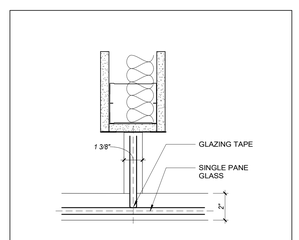


08 GMPS - VERTICAL MULLION
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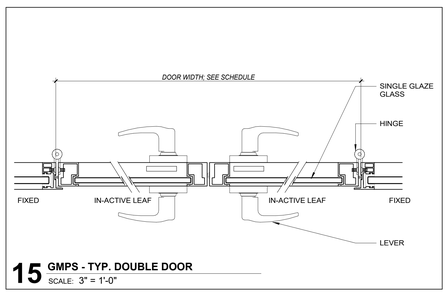


04 GMPS - SWING DOOR
SCALE: 3" = 1'-0"

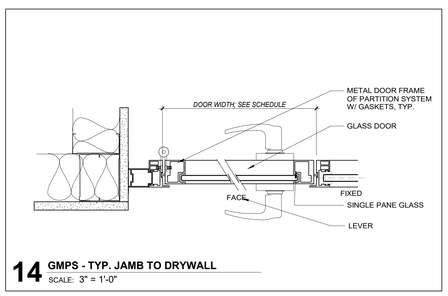
07 GMPS - GLASS TO DRYWALL PARTITION
SCALE: 3" = 1'-0"



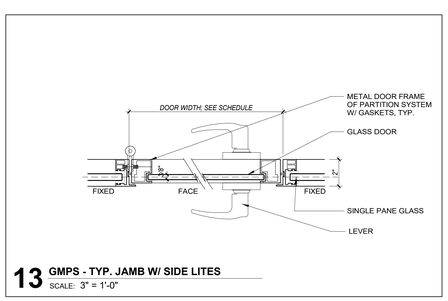
06 GMPS - GLASS "T" CONNECTION
SCALE: 3" = 1'-0"



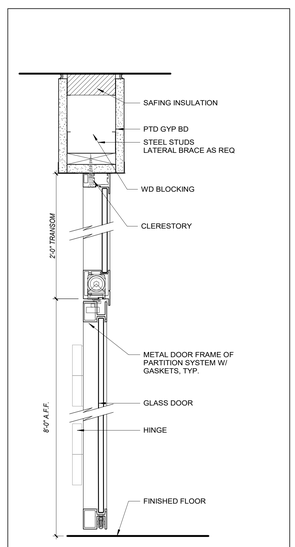
15 GMPS - TYP. DOUBLE DOOR
SCALE: 3" = 1'-0"



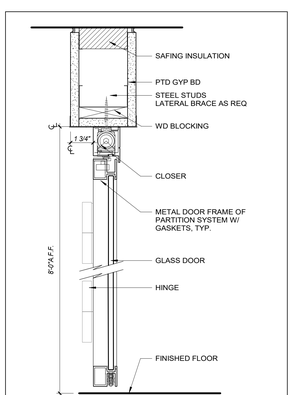
14 GMPS - TYP. JAMB TO DRYWALL
SCALE: 3" = 1'-0"



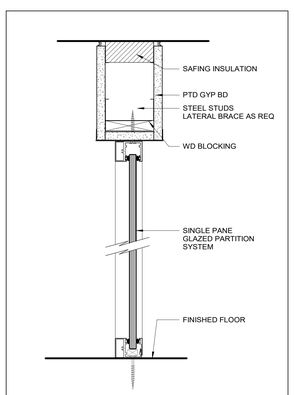
13 GMPS - TYP. JAMB W/ SIDE LITES
SCALE: 3" = 1'-0"



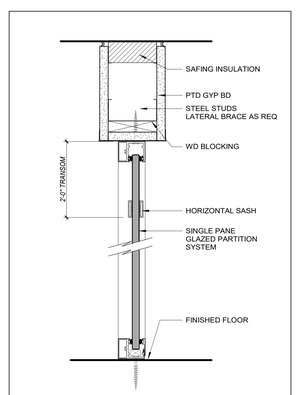
05 GMPS - SWING DOOR W/ CLERESTORY
SCALE: 3" = 1'-0"



03 GMPS - SWING DOOR W/ CLOSER
SCALE: 3" = 1'-0"



02 GMPS - SINGLE GLAZED PANEL
SCALE: 3" = 1'-0"



01 GMPS - SINGLE GLAZED PANEL W/ SASH
SCALE: 3" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MA MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

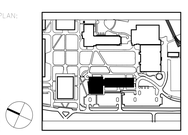
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO	DATE	COMMENTS
1	9-23-25	REBID & CONSTRUCTION

CONTRACTOR TO REVIEW DRAWINGS & INSTALLATION TIE-IN ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PROJECT:

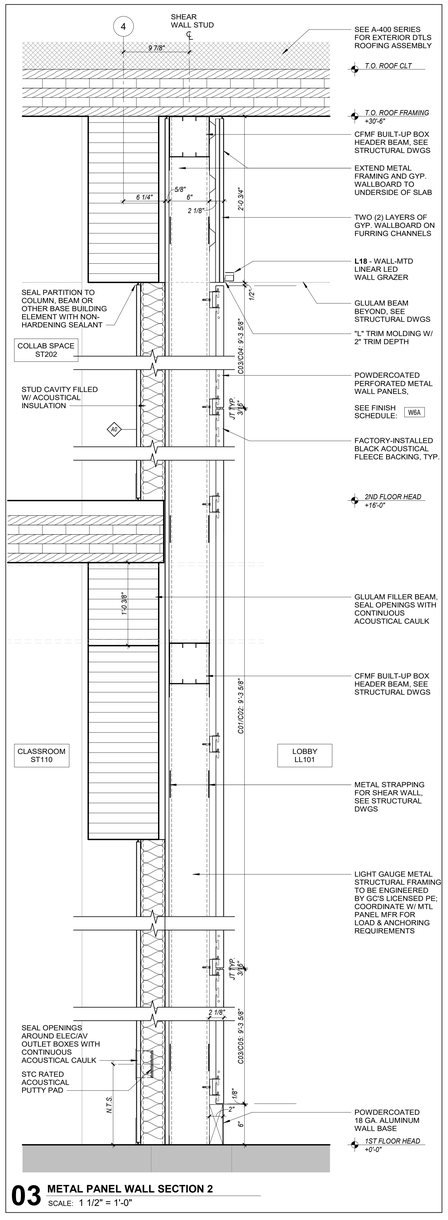
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

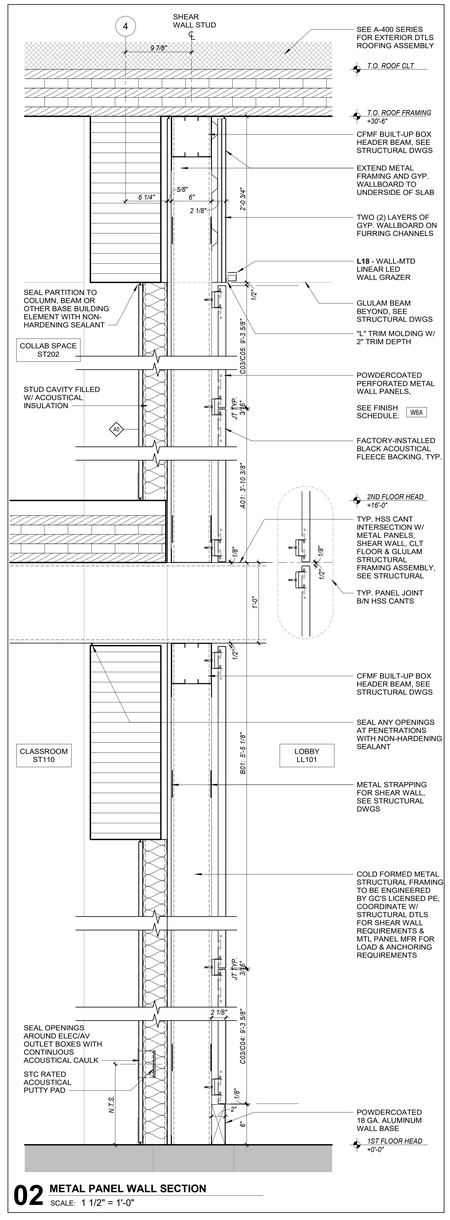
INTERIOR DETAILS – GMPS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 3" = 1'-0"

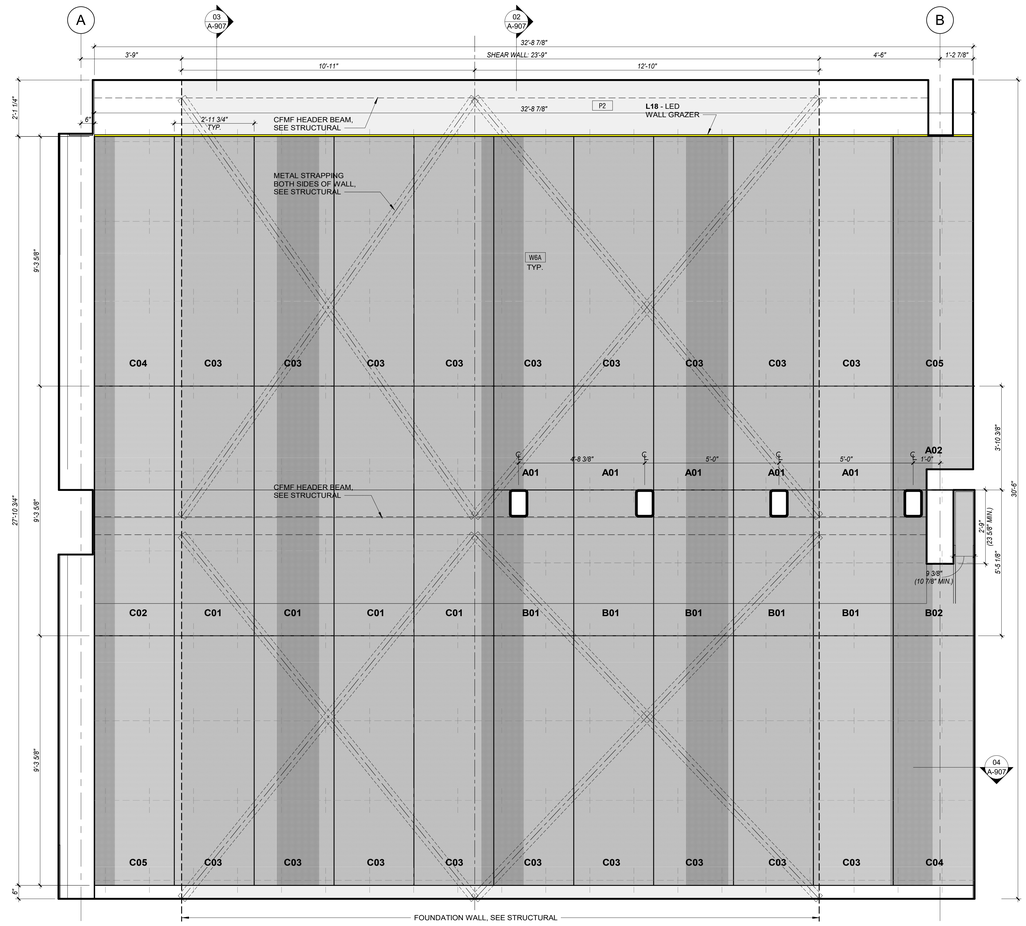
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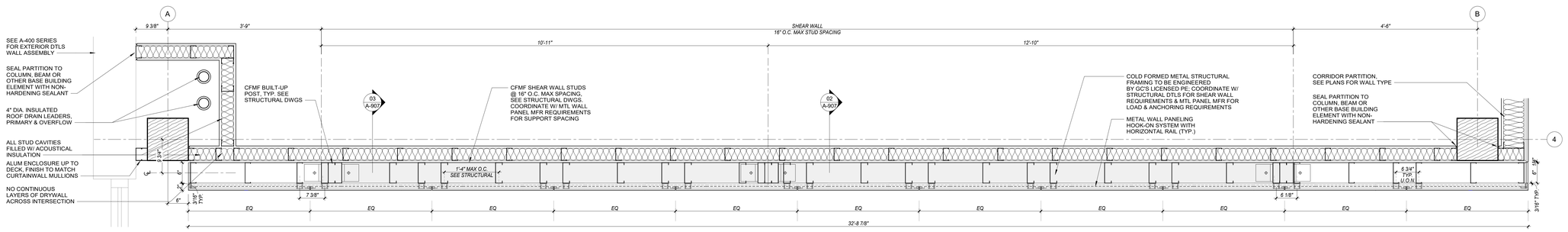
03 METAL PANEL WALL SECTION 2
SCALE: 1 1/2" = 1'-0"



02 METAL PANEL WALL SECTION
SCALE: 1 1/2" = 1'-0"



01 METAL PANEL WALL ELEVATION (LL101)
SCALE: 1/2" = 1'-0"



04 ENLARGED PLAN AT METAL PANEL WALL - LOBBY LL101
SCALE: 1" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

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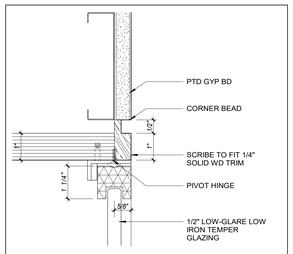
KEY PLAN:
PLAN NORTH

PROJECT:
SCIENCE & TECHNOLOGY BUILDING

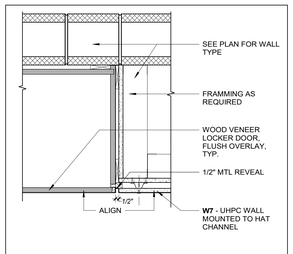
DRAWING TITLE:
INTERIOR DETAILS – LOBBY

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

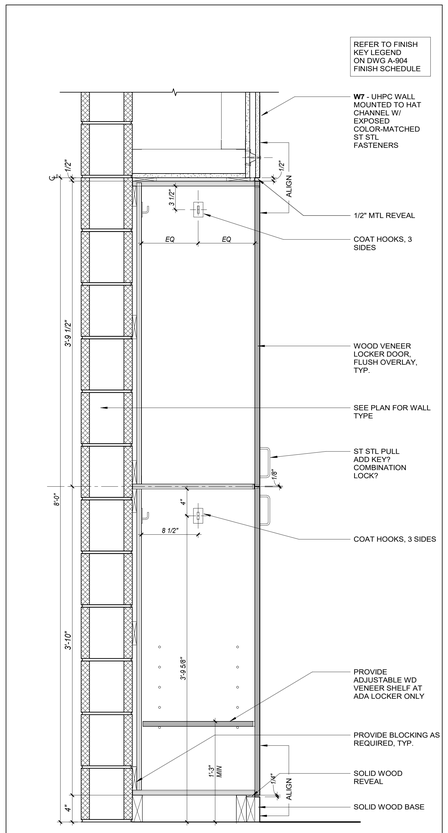
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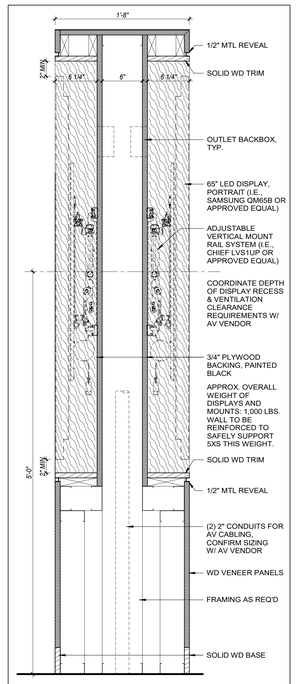
16 DETAIL AT UPPER DISPLAY CASE
SCALE: 6" = 1'-0"



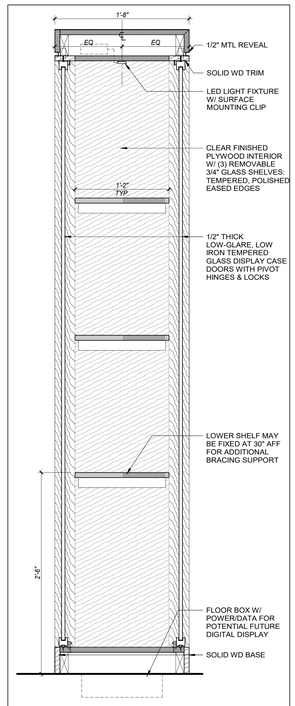
14 PLAN DETAIL - LOCKER END WALL
SCALE: 1 1/2" = 1'-0"



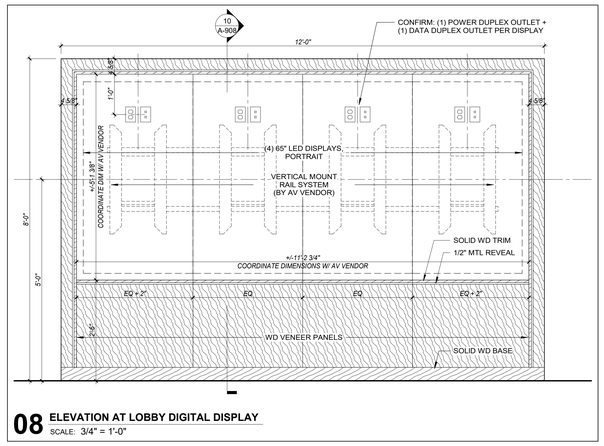
11 SECTION - CORRIDOR WOOD LOCKER
SCALE: 1 1/2" = 1'-0"



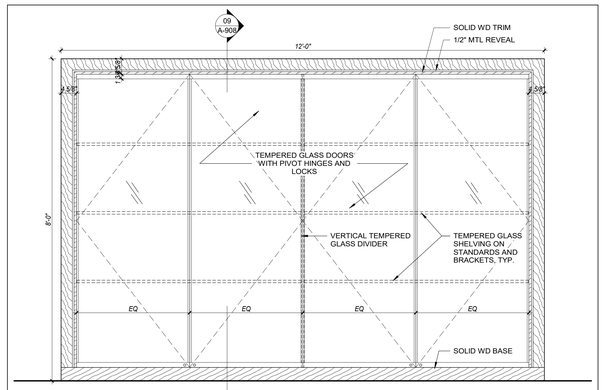
10 SECTION AT LOBBY DIGITAL DISPLAY
SCALE: 1 1/2" = 1'-0"



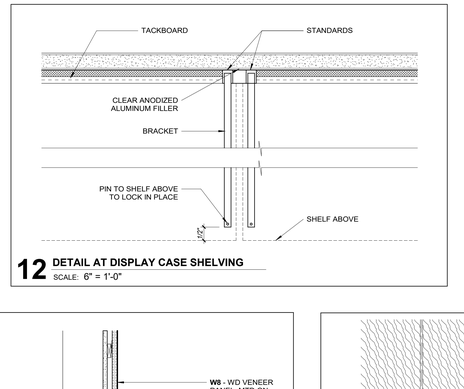
09 SECTION AT LOBBY DISPLAY CASE
SCALE: 1 1/2" = 1'-0"



08 ELEVATION AT LOBBY DIGITAL DISPLAY
SCALE: 3/4" = 1'-0"

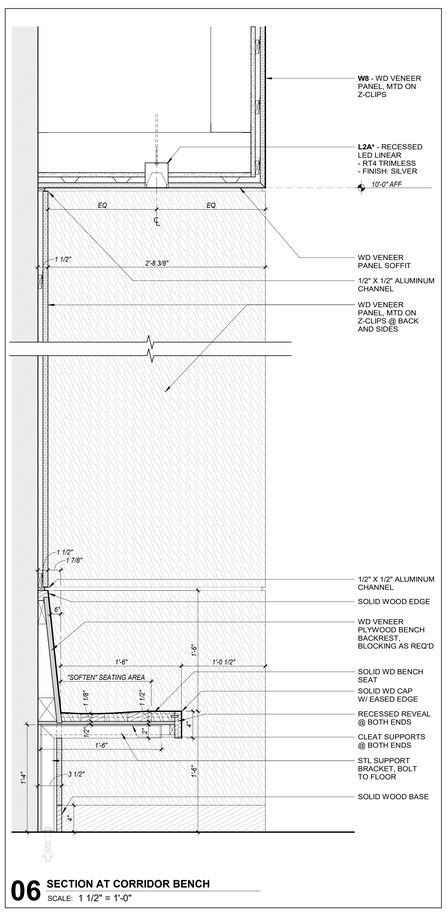


07 ELEVATION AT LOBBY DISPLAY CASE
SCALE: 3/4" = 1'-0"

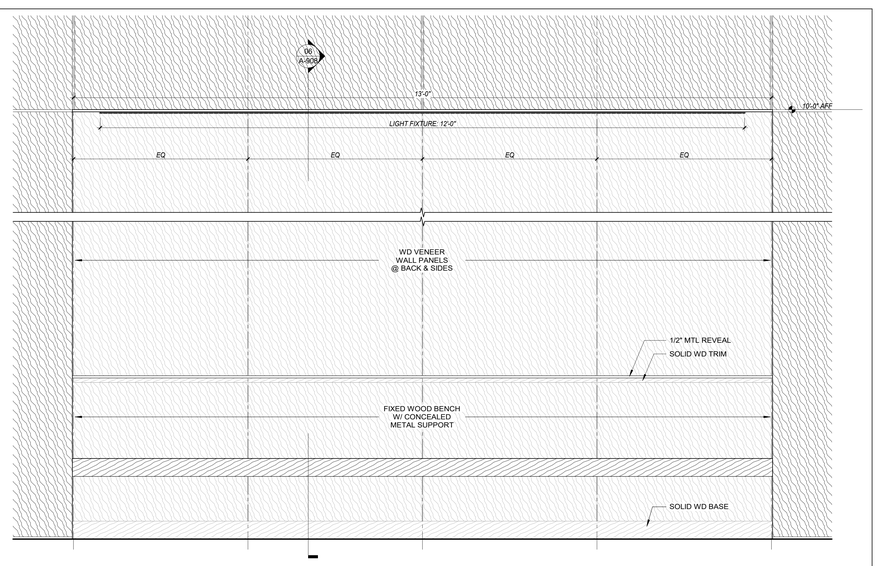


02 ELEVATION AT CORRIDOR DISPLAY CASE
SCALE: 3/4" = 1'-0"

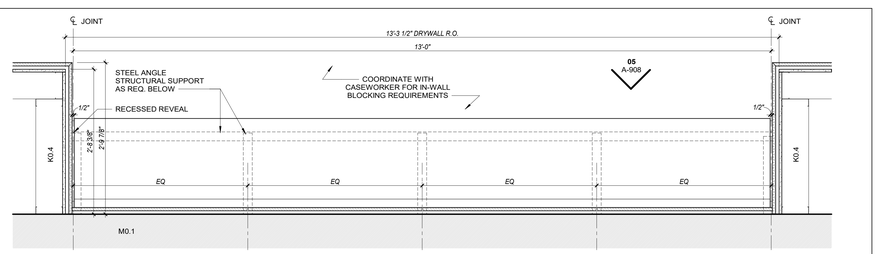
01 ENLARGED PLAN AT CORRIDOR DISPLAY CASE
SCALE: 3/4" = 1'-0"



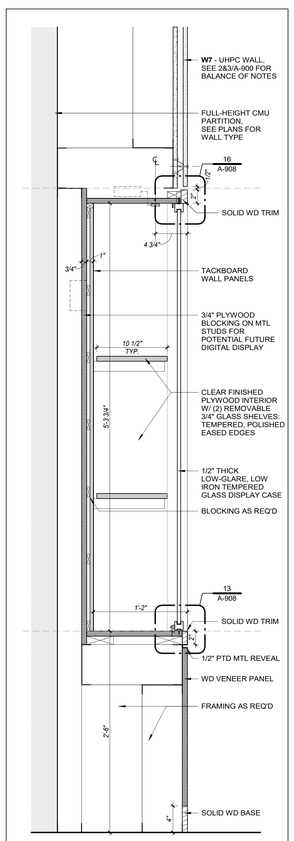
06 SECTION AT CORRIDOR BENCH
SCALE: 1 1/2" = 1'-0"



05 ELEVATION AT FIXED BENCH
SCALE: 1" = 1'-0"



04 ENLARGED PLAN AT FIXED BENCH
SCALE: 1" = 1'-0"



03 SECTION AT CORRIDOR DISPLAY CASE
SCALE: 1 1/2" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

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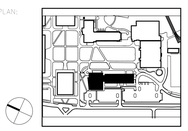
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO	DATE	COMMENTS
1	9-23-25	REBID & CONSTRUCTION

DRAWINGS AS INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. ALL RIGHTS RESERVED AND LIMITED AS STATED IN THE AGREEMENT BETWEEN OWNER AND ARCHITECT. ALL EMBODIED AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PROJECT T:

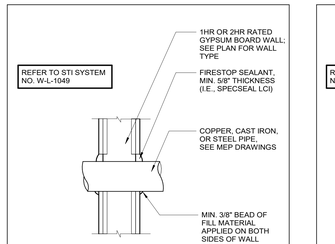
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

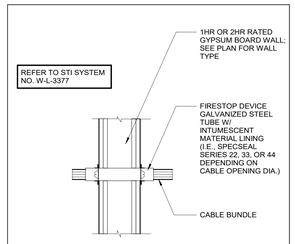
INTERIOR DETAILS – DISPLAYS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

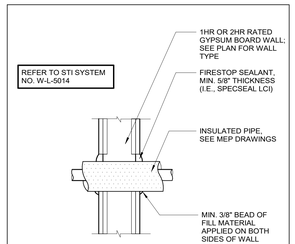
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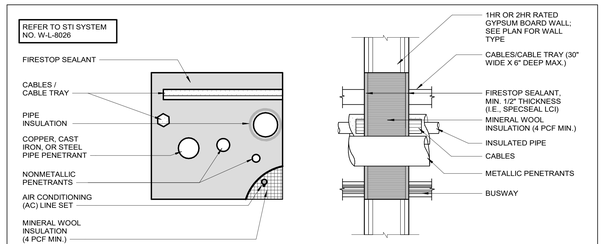
09 METALLIC PIPE WALL PENETRATION
SCALE: N.T.S.



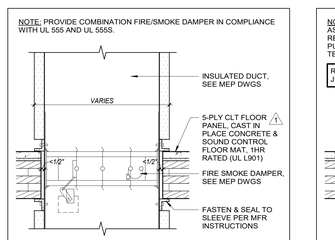
08 CABLING WALL PENETRATION
SCALE: N.T.S.



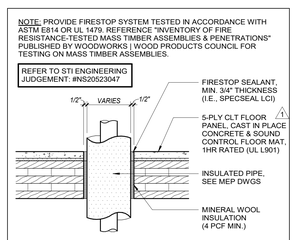
07 INSULATED PIPE WALL PENETRATION
SCALE: N.T.S.



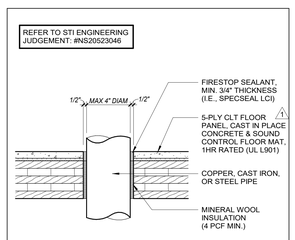
06 MIXED PIPE/CABLING PENETRATION
SCALE: N.T.S.



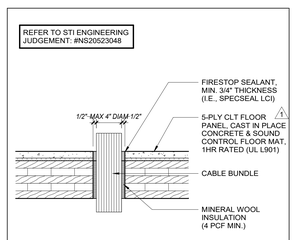
05 CLT DUCT/FSD PENETRATION
SCALE: N.T.S.



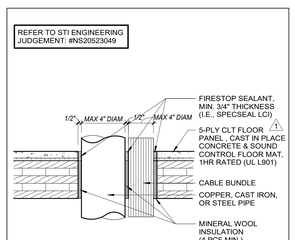
04 CLT INSULATED PIPE PENETRATION
SCALE: N.T.S.



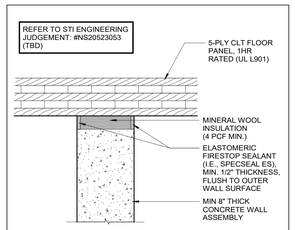
03 CLT PIPE PENETRATION
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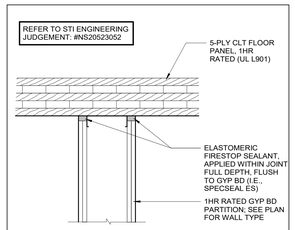
02 CLT CABLING PENETRATION
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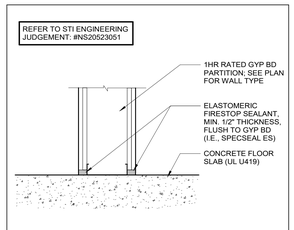
01 CLT MIXED PIPE/CABLING PENETRATION
SCALE: N.T.S.



12 TOP OF 1-HR CONCRETE WALL
SCALE: N.T.S.



11 TOP OF 1-HR GWB PARTITION
SCALE: N.T.S.



10 BOTTOM OF 1-HR GWB PARTITION
SCALE: N.T.S.

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

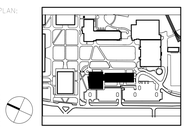
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

NO.	DATE	COMMENTS
1	05-23-25	REBID & CONSTRUCTION

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KEY PLAN:



PROJECT:

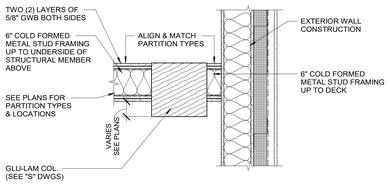
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

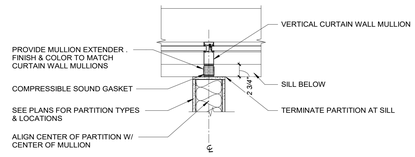
INTERIOR DETAILS – FIRESTOPPING

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1 1/2" = 1'-0"

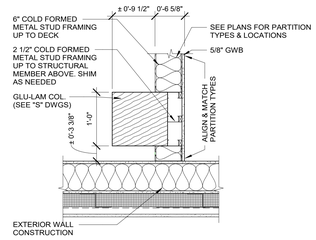
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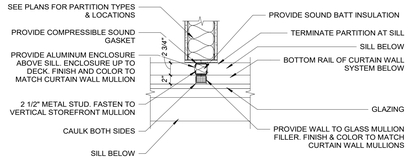
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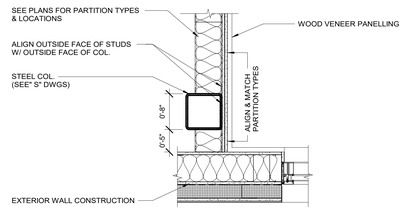
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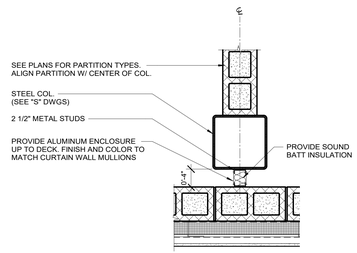
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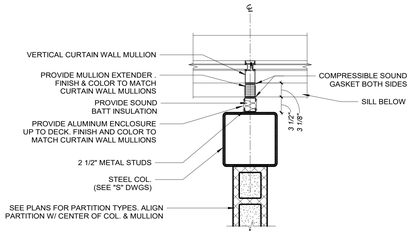
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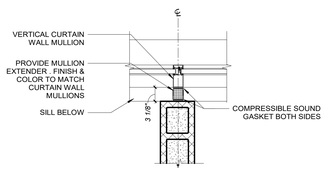
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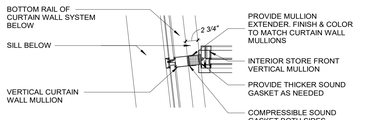
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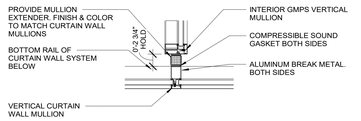
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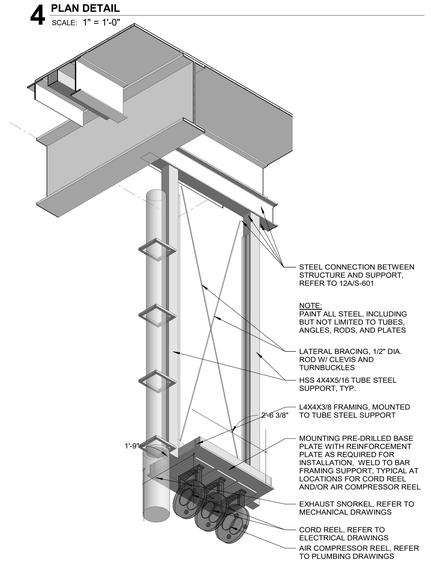
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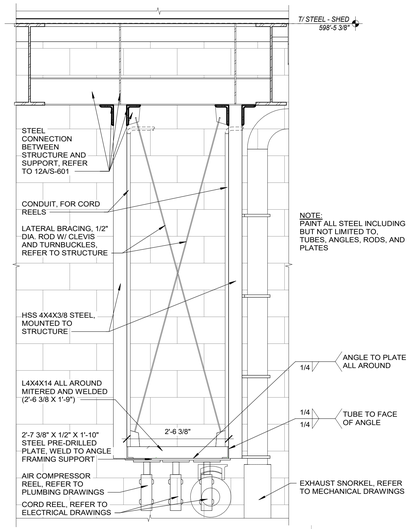
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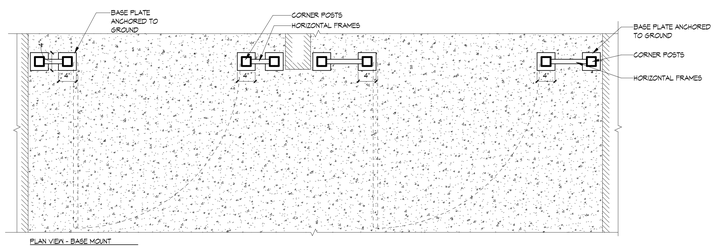
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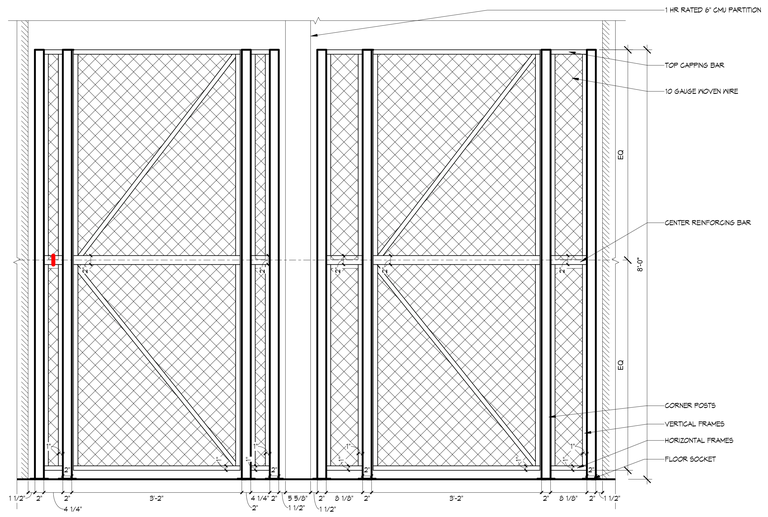


11 TYPE B EXHAUST SNORKEL & CORD REEL SUPPORT

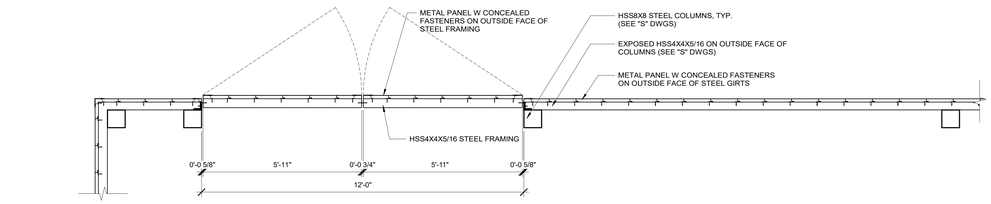


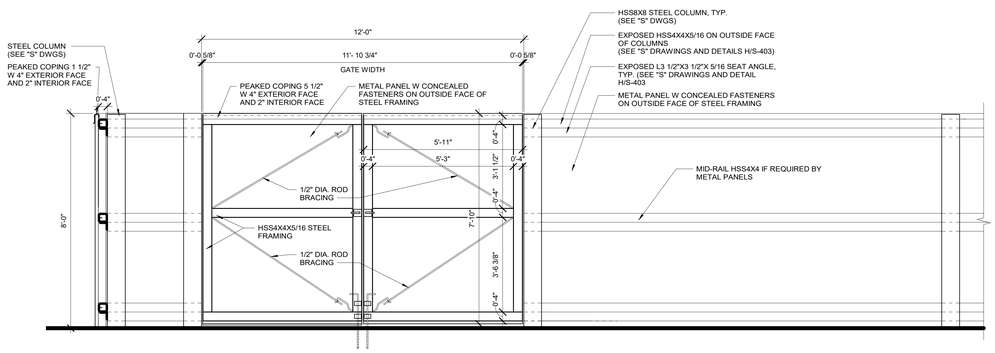
12 TYPE B EXHAUST SNORKEL & CORD REEL SUPPORT SECTION DETAIL
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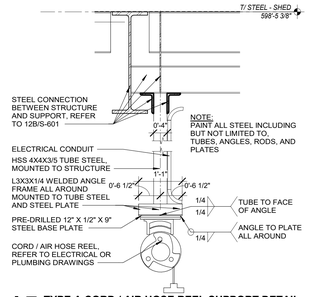


13 WIRE METAL MESH PARTITION DETAILS
SCALE: 1" = 1'-0"

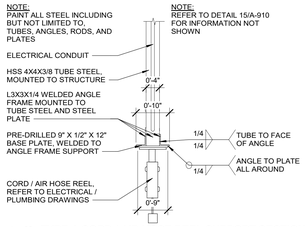




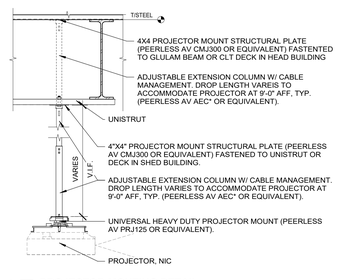
14 SWING GATE ELEVATION
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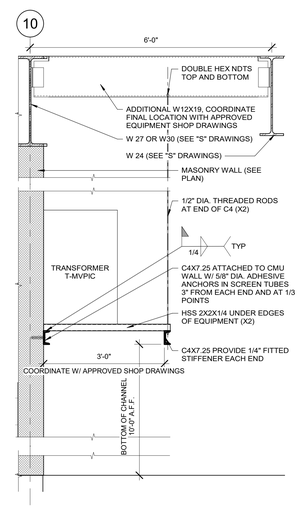
15 TYPE A CORD / AIR HOSE REEL SUPPORT DETAIL
SCALE: 3/4" = 1'-0"



16 TYPE A CORD / AIR HOSE REEL SUPPORT SECTION
SCALE: 3/4" = 1'-0"



17 PROJECTOR MOUTING DETAIL
SCALE: 3/4" = 1'-0"



18 HUNG TRANSFORMER SUPPORT DETAIL
SCALE: 3/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
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Rome, NY 13440
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18 South Street
Utica, NY 13501
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Appel Osborne Landscape Architecture
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Syracuse, NY 13204
315 476 1022

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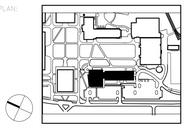
REGISTERED ARCHITECT MATTHEW E. KEEFE 039779 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:		
NO.	DATE	COMMENTS
	9/23/25	REBID & CONSTRUCTION

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KEY PLAN:

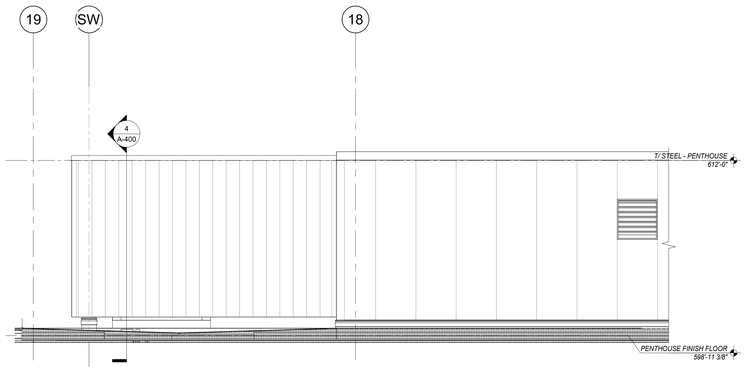


PROJECT:
SCIENCE & TECHNOLOGY BUILDING

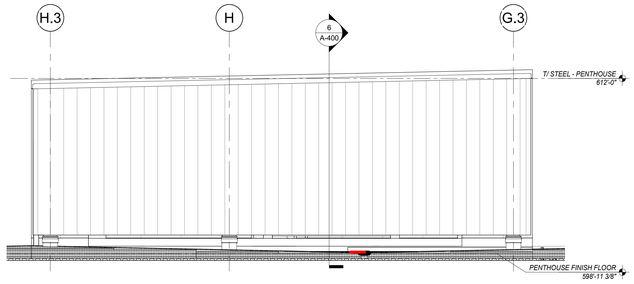
DRAWING TITLE:
MISC DETAILS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

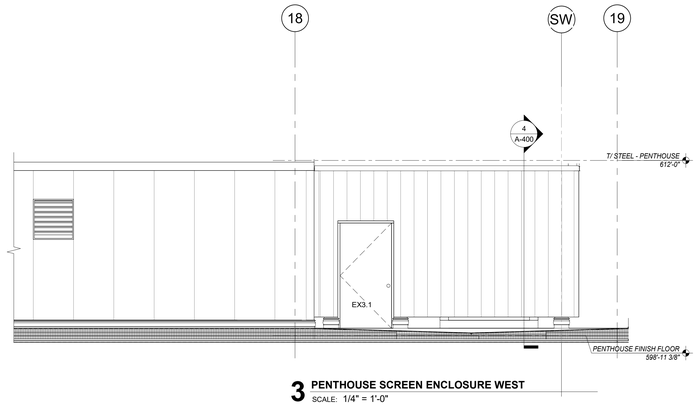
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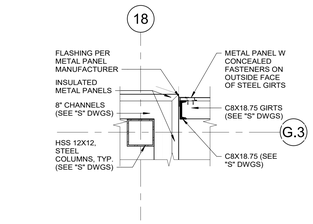
5 PENTHOUSE SCREEN ENCLOSURE EAST
SCALE: 1/4" = 1'-0"



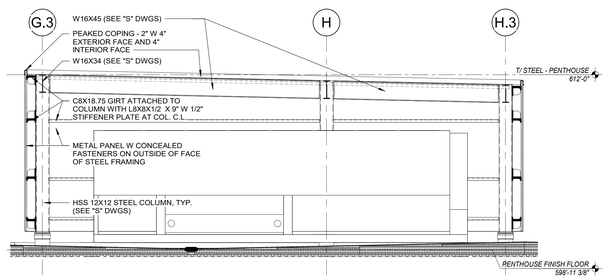
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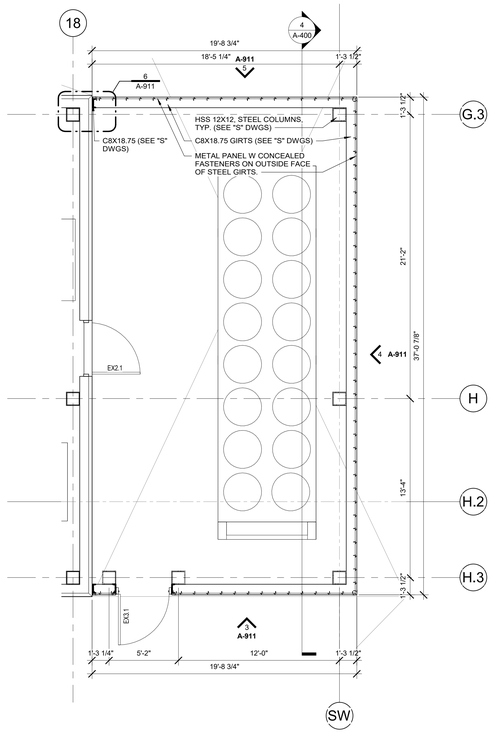
3 PENTHOUSE SCREEN ENCLOSURE WEST
SCALE: 1/4" = 1'-0"



6 PENTHOUSE SCREEN ENCLOSURE PLAN DETAIL
SCALE: 1/2" = 1'-0"



2 PENTHOUSE SCREEN ENCLOSURE SECTION
SCALE: 1/4" = 1'-0"



1 PENTHOUSE SCREEN ENCLOSURE
SCALE: 1/4" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

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SEAL:

REGISTERED ARCHITECT MATTHEW E. KEEFE 039779 STATE OF NEW YORK

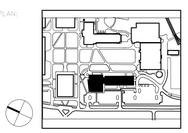
EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:

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KEY PLAN:



PROJECT:

SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

PENTHOUSE SCREEN ENCLOSURE

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

A-911

FINISH SCHEDULE - MVCC S&T BUILDING

BID DOCUMENTS APPLICATION	SPECIFICATION SECTION	KEY	MANUFACTURER / SUPPLIER	PRODUCT LINE / DETAIL	DIMENSIONS	COLOR / FINISH	LOCATION(S)
FLOORING							
Polished Concrete	**033511**	F1	AFP	Retroplate		Ultra Guard - Level 3 polish (800 grit) with fine aggregate (i.e., "Salt & Pepper")	
Walk Off Mat	124813	F2	C/S	PediTred G7 (11/16" depth)		Serrated Aluminum	
Porcelain Tile	093013	F3	Daltile	Chord	24" x 48"	Rhythm Brown CH23 - Matte Grout: Mapei - Sahara Beige 11	Restrooms
				Chord	3" Mosaic	Rhythm Brown CH23 - Matte Grout: Mapei - Sahara Beige 11	Restrooms
			Crossville	Multiplier	2" x 2"	Porcelain White	Restrooms
			Florida Tile	Soho Solid Mosaics Collection	2" x 2"	Canvas White, Vintage Gray	Restrooms
Rubber Flooring	096519	F4	Mondo	Natura	24" x 24"	Desert NA07	Classrooms
Plastic Weave	096519	F5	Bolon	Elements	20" x 20" Acoustic Tile	Cork	Meeting Rooms
Raised Floor System	096900	F6	Tate Inc.	ConCore 1250	24" x 24"	Finish Floor: Rubber Flooring (F4)	Automation Training
Metal Grating		**F7**	**Denios**	**2" Galvanized Steel Spill Containment Decking**	**2" Thickness**		**Chem Waste, Chem Storage**
- Not Used -		**F8**					
Sealed Concrete	**033511**	**F9**					**MEP/Storage**
WALL BASE							
No Base		B0					
Rubber Base	096513	B1	Roppe	Pinnacle - Type TS	4"H	Standard Toe Color: 640 Creekbed	
Porcelain Tile	093013	B2	Daltile	Color Wheel Linear	4" x 12"	Arctic White	Restrooms
			Crossville	Multiplier, color by numbers		Porcelain Stone	Restrooms
			Florida Tile	**Fluent Collection**		**White Matte**	Restrooms
WALL FINISH							
Paint	099000	W1		See Interior Elevations & Paint Schedule			
Ground Face CMU	042000	W2	Echelon	Trendstone Plus	8" x 16" x 8" w/ center score	Butter Brickle (w/ factory-applied sealer)	Shed Corridor Wall
Ceramic Tile	093013	W3	Option 1: Daltile	Color Wheel Linear	2" x 8"	Matte Arctic White	Restrooms
			Option 2: Lea (Stone Source)	Progetto L14	4" x 16"	Gesso - Matte	Restrooms
			Option 3: Crossville	Multiplier, color by numbers	4" x 12"	Porcelain Stone	Restrooms
			Option 4: Florida Tile	**Fluent Collection**	4" x 16", or **3"** x 6"	**White Matte**	Restrooms
- Not Used -		W4					
- Not Used -		W5					
Metal Panel	095600	W6	Armstrong	MetalWorks WH1000 Custom Hook-on Wall Panels	See Drawings	W6A Painted RAL 8004 and W6B Painted RAL5014; Round-Diagonal Perforation Pattern 138, Microperforated (18.4% Open Area); w/ black acoustical backing (NRC=0.60)	See Elevations
UHPC Wall	074417	W7	Taktl	Taktl	See Drawings	Bone Smooth	Shed Corridor Wall
Wood Veneer Panel	064023	W8		Plain Sawn White Ash	See Drawings	Clear Finish	Shed Corridor Wall
CEILING FINISH							
Exposed Structure (CLT)	061800	C0	See Spec		See RCP	**Southern Yellow Pine** Appearance Grade: Architectural 3-Part Coating System (See Spec 061800) Coat #1 - Sansin KP-12UVW (Factory-Applied) Coat #2 - PC Purity Glacier Gloss, Natural Coat #3 - PC Purity Glacier Low Lustre, Natural	
Acoustic Ceiling Tile	095113	C1	Option 1: Armstrong	Ultima High NRC, Square Lay-In w/ High Recycled Content (HRC)	24" x 24" 24" x 48"	Ceiling Tile: Armstrong Ultima (Mineral Fiber) - Moisture Resist at Shower Rooms Ceiling Grid: Armstrong Prelude XL 15/16" (Exposed Tee) in Blizzard White	Typical
			Option 2: Certainteed	Symphony F and M	24" x 24" 24" x 48"		
			Option 3: USG	Mars Acoustical Panels	24" x 24" 24" x 48"		
Acoustical Ceiling Tile (Accent)	095113	C2	Armstrong	Lyra	See RCP		Meeting Rooms
Painted Gypsum Board	099000	C3		BM Chantilly Lace (P3)			
Direct-Mount Panels	095113	C4	Armstrong	InvisAcoustics 3/4"	See RCP	Unfinished - Field Paintable w/ Acoustically Transparent Paint. Finish Color to match CLT.	Connector
Acoustical Spray	098316	C5	International Cellulose Corporation	K-13 Sound Absorption Spray	1-1/2" thickness	Color: Gray (confirm), NRC: 0.90	
Felt Baffles	095434	C6	Armstrong	Feltworks Blades	3/8"– Spacing Varies	Elderberry	Head Building
Wood Baffles	095426	C7	Linea	2X12 Wood Baffle	1-1/2" Thickness x 11-1/2" Depth x 8' Length (Typ.)	Plain Sawn White Ash, Clear Finish	Shed Building
Exposed Structure (Metal Deck)	099000	C8	BM, PPG, S-W	Dry Fall Paint, Flat		See RCP & Paint Schedule	Shed Building
80/20 Ceiling Grid	055170	C9	80/20	Aluminum Fractional T-Slotted Framing System	See Drawings	Clear Anodized Aluminum	Automation Training
Wood Cloud Ceiling	095436	C10	Certainteed	Decoustics Quadrillo		Plain Sawn White Ash, Clear Finish	Connector
CASEWORK	064023/064024						
Work Bench			See Spec		See Drawings	Stainless Steel #4 Finish	
Solid Surface			Corian		See Drawings	Canvas	Pantry
Laminate			Formica		See Elevations	Otter, Matte Finish	
Epoxy Resin			Durcon		See Drawings	Lunar White	Laboratories
Wood Veneer			See Spec		See Elevations	Clear Northern White Maple	Laboratories
Restrooms							Shed Building
Sink Counter			Corian		See Drawings	Canvas	
Toilet Partition			Hadrian	Solid Composite		HPDE-#213 Bone	
Window Sill							
Laminate		S1	Formica		See Elevations	Otter, Matte Finish	Head Building
Painted Wood		S2			BM Muskoka Trail (P1)		Shed Building
INTERIOR GLASS							
Hollow Metal Glazing System	088000	G-1		1/4" Clear, Tempered		See elevations for glass film	
Fire-Rated Glazing	088000	G-2		5/16" Fire-Rated, Safety-Rated Clear Glass Ceramic			
Tempered Safety Glass	**088000**	**G-3**					
Display Cases	088000	G-4		1/2" Clear Low-Iron, Tempered			
Glass Partition System	088000	**G-5**	ACME 50+	1/2" Single Centered Glass		See elevations for glass film	
INTERIOR STAIR							
Metal Stringers, Risers	055100						Stair A, Stair B
Metal Handrails	055213						
Metal Stair Treads	055100		McNichols	W-19-4	1-1/4" x 3/16"		Stair B
Stair Treads - Concrete	096100		AFP	Retroplate		Ultra Guard - Level 3 polish (800 grit) with fine aggregate (i.e., "Salt & Pepper")	Stair A, Lobby, Connector
Wood Veneer Panel				Plain Sawn White Ash		Clear Finish	Lobby, Connector
Underside of Stair - Gyp Bd - Paint (Flat) - BM Chantilly Lace (P3)							Lobby
Stainless Steel Cabling	**057300**		SC&R	CableView, or equal	See Drawings	316 Grade	Connector
PAINT SCHEDULE							
Base Color	099000	P1	Benjamin Moore			Muskoka Trail (974)	
Beige Accent	099000	P2	Benjamin Moore			Boardwalk (1102)	
Ceiling (Head - Gyp Bd)	099000	P3	Benjamin Moore			Chantilly Lace (OC-65)	Drywall ceilings, typ.
Accent	099000	P4	Benjamin Moore			Stratford Blue (831)	
Accent	099000	P5	Benjamin Moore			Sienna Clay (104)	
Ceiling (Shed - Metal Deck)	099000	P6	BM, PPG, S-W	Dry Fall Paint, Flat		Tapestry Beige (975)	Exposed metal deck, structure & MEP, typ.
				WALLS (GYP BD): Finish = Eggshell			
				WALLS (CMU): Finish = Semi-Gloss			
				CEILINGS: Finish = Flat			
				HM DOORS / DOOR FRAMES: Finish = Semi-Gloss, Paint Color to match adjacent wal			
SPECIALITIES							
Glass Film	088000		Solyx			SX-2040 Fog	See Elevations
Solar Shade Fabric	122413	WS	Mecho	Ecoveil 1350 Series (5% Open)		1369 Silver Birch	
Blackout Shade Fabric	122413	BS	Mecho	Chelsea Blackout (Opaque)		0254 Shale	
Tackboard Fabric	101100	TB	Carnegie	Xorel, Biobased		Nexus 6425 | 905	

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT JAMES R. BRADSHAW 015807 STATE OF NEW YORK

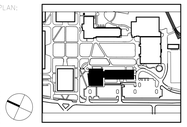
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

NO.	DATE	COMMENTS
1	09-23-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PLAN NORTH

PROJECT:

SCIENCE & TECHNOLOGY BUILDING

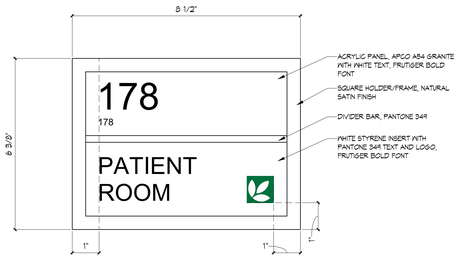
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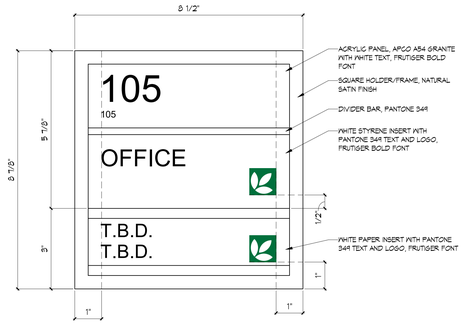
PROJECT NO: 23000 | DATE: 9/23/2025

PHASE: REBID & CONSTRUCTION | SCALE:

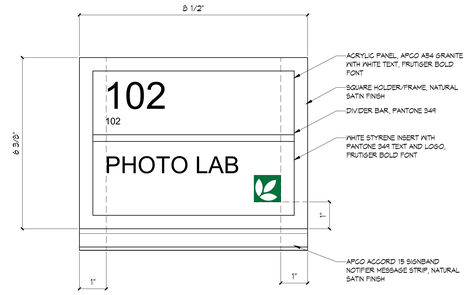
A-912



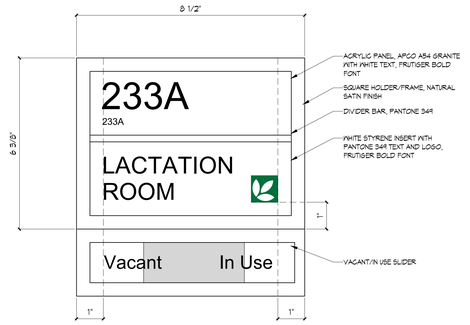
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SCALE: 6" = 1'-0"



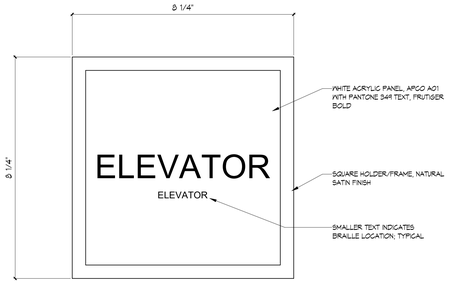
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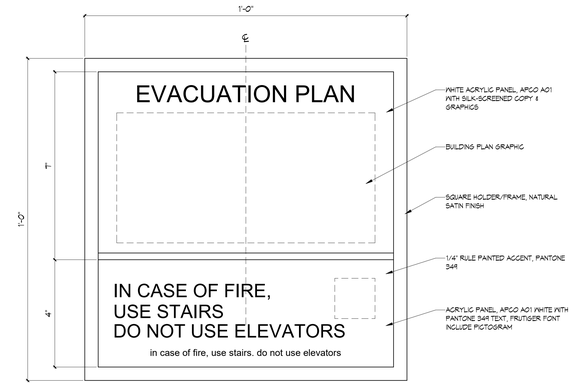
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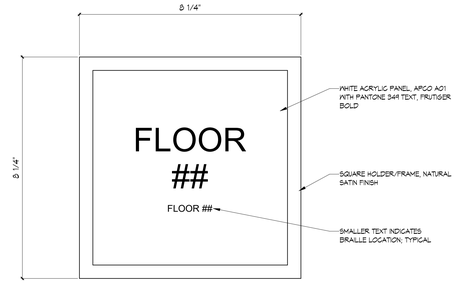
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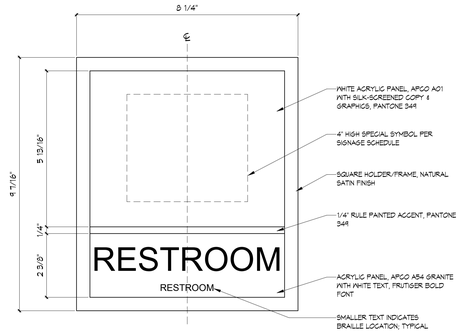
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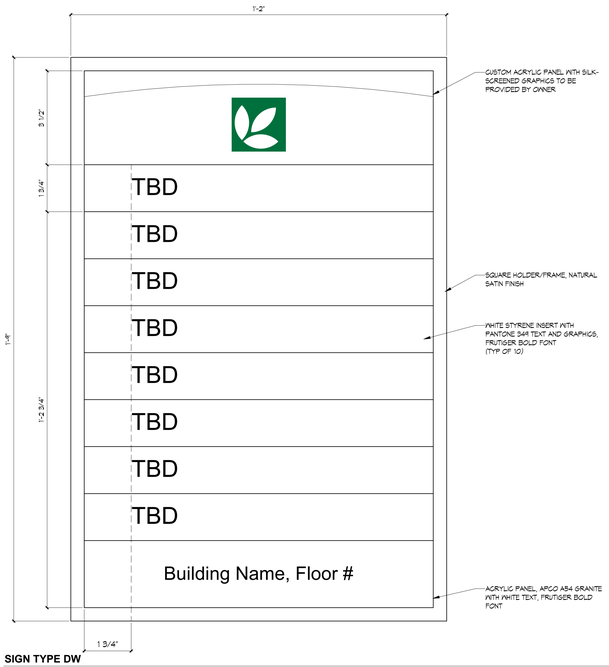
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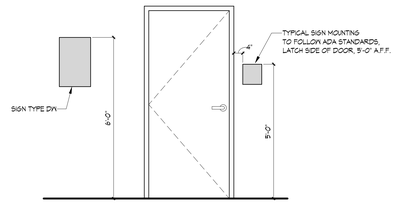
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8 SIGN TYPE RA
SCALE: 6" = 1'-0"



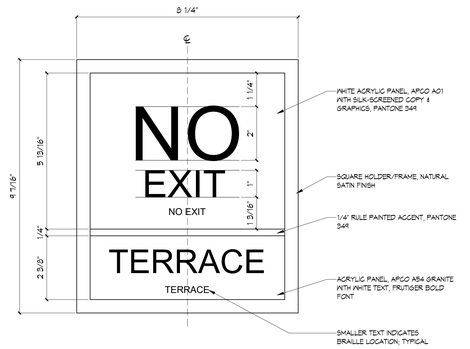
9 SIGN TYPE DW
SCALE: 6" = 1'-0"



11 TYPICAL MOUNTING LOCATIONS
SCALE: 1/2" = 1'-0"



10 SIGN TYPE OH
SCALE: 6" = 1'-0"



12 SIGN TYPE NE
SCALE: 6" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT MATTHEW E. KREPS 039779 STATE OF NEW YORK

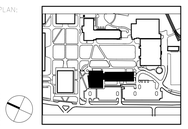
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ISSUE/REVISION:

NO.	DATE	COMMENTS
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KEY PLAN:



PROJECT:

SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

SIGNAGE

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

A-913

ABBREVIATIONS

A	COMPRESSED AIR
ADJ	ADJUSTABLE
BB	BUTCHER BLOCK COUNTERTOP
BO	BREADBOARD COUNTERTOP
C.F.C.I.	CONTRACTOR FURNISHED, CONTACTOR INSTALLED
CHWS	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPY
CR-A	AIR CORD REEL
CR-E	CORD REEL, SEE ELECT
CR-E 208V	CORD REEL 208V, SEE ELECT
CS	CUP SINK
CW	COLD WATER
CY	CYLINDER
DR	DRYING RACK
E	EPOXY RESIN
EL	ELECTRICAL PANEL
EPO	EMERGENCY POWER OFF
ES	EMERGENCY SHOWER
EW	EYE WASH
F	FILLER PANEL
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
FX	WALL MTD FIRE EXTINGUISHER
G	GAS
GM	GROMMET
HC	HOIST CHAIN
HE	HELIUM
HN2	HIGH PURITY NITROGEN
HW	HOT WATER
IG	INERT GAS
KO	KNEE OPENING
MIRR	MIRROR IMAGE
MTL	METAL
N2	NITROGEN
OSP	OVERHEAD SERVICE PLATE
O.F.O.I	OWNER FURNISHED, OWNER INSTALLED
O.F.C.I	OWNER FURNISHED, CONTRACTOR INSTALLED
PE	POINT EXHAUST/SNORKEL-SEE MECH
PERF.	PERFORATED
PL	PLASTIC LAMINATE
PS	PAPER TOWEL
PTD	PAINTED
PW	PURIFIED WATER
RV	ROUGH VACUUM
SC	STEP-IN COOLER (C.F.C.I)
SIM.	SIMILAR
SN	EXHAUST SNORKEL
SP	SS SERVICE FIXTURE PLATE
SS / ST. STL	STAINLESS STEEL
SSC	SOLID SURFACE (I.E. CORIAN) TOP
V	VACUUM
WB	WHITEBOARD

SYMBOLS

- OWNER FURNISHED EQUIPMENT
- EQ1 — EQUIPMENT NUMBER TAG
- REF — COUNTER TOP MATERIAL
- 30 — WORKSURFACE HEIGHT ABOVE FLOOR (IN INCHES)

GENERAL NOTES

1. GC PROVIDE WALL GROUNDS FOR ATTACHMENT OF WALL SHELVES. WALL CABINETS & TALL SHELVES BY CASEWORK MFR.

2. PROVIDE WOOD VENEER PANEL W/ CONTINOUS SOLID WOOD BASE AT SIDE & REAR PANELS OF ALL KNEE OPENINGS & UC EQUIPMENT LOCATIONS AT CASEWORK, U.O.N.

3. CUTOUTS IN KNEE SPACE PANELS FOR ELECTRIC & DATA DEVICES BY LAB CASEWORK MFR. TYP.

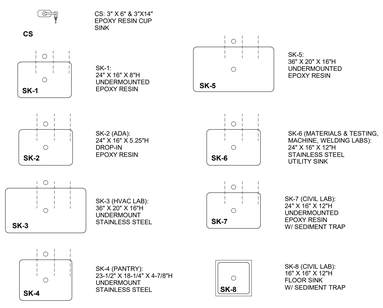
4. REFER TO ENLARGED FLOOR PLAN FOR COUNTER TOP FINISHES AND COUNTER TOP HEIGHT.

5. REFER TO A-921 FOR TYPICAL DETAILS.

SINK TYPES

SINK NOTES

REFER TO ENLARGER LAB PLAN FOR SERVICE REQUIREMENTS AT EACH SINK



CS: 3" X 6" & 3"X14" EPOXY RESIN CUP SINK

SK-1: 24" X 16" X 8"H UNDERMOUNTED EPOXY RESIN

SK-2 (ADA): 24" X 16" X 5.25"H DROP-IN EPOXY RESIN

SK-3 (HVAC LAB): 36" X 20" X 16"H UNDERMOUNT STAINLESS STEEL

SK-4 (PANTRY): 23-1/2" X 16-1/4" X 4-7/8"H UNDERMOUNT STAINLESS STEEL

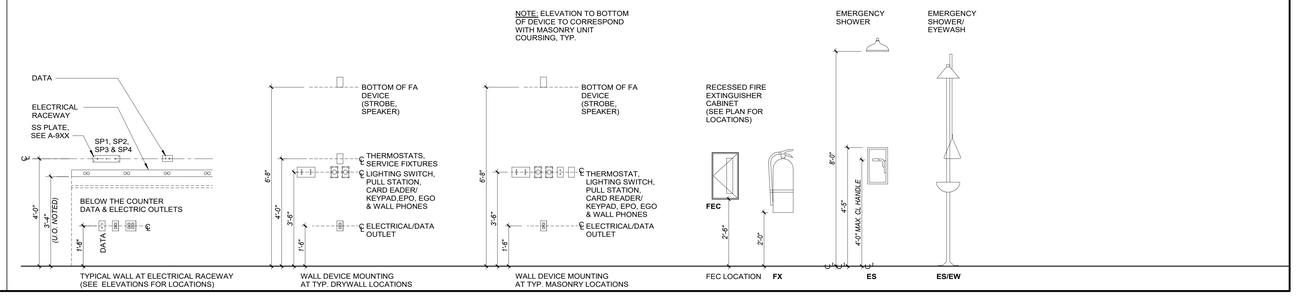
SK-5: 36" X 20" X 16"H UNDERMOUNTED EPOXY RESIN

SK-6 (MATERIALS & TESTING, MACHINE, WELDING LABS): 24" X 16" X 12"H STAINLESS STEEL UTILITY SINK

SK-7 (CIVIL LAB): 24" X 16" X 12"H UNDERMOUNTED EPOXY RESIN W/ SEDIMENT TRAP

SK-8 (CIVIL LAB): 16" X 16" X 12"H FLOOR SINK W/ SEDIMENT TRAP

WALL DEVICES: MOUNTING LOCATIONS



TYPICAL WALL AT ELECTRICAL RACEWAY (SEE ELEVATIONS FOR LOCATIONS)

WALL DEVICE MOUNTING AT TYP. DRYWALL LOCATIONS

WALL DEVICE MOUNTING AT TYP. MASONRY LOCATIONS

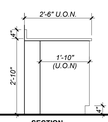
FEC LOCATION

FX

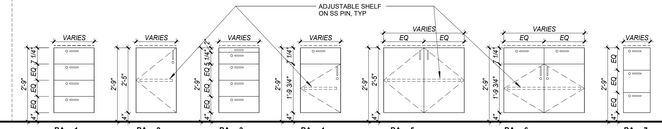
ES

ES/EW

ADA STANDING HEIGHT BASE CABINETS (BA) _ DENOTES CABINET WIDTH (BA_ _C) W/ CASTER

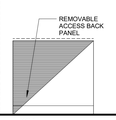


SECTION



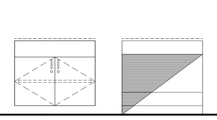
BA_ _1
BA_ _1C
BA_ _2
BA_ _3
BA_ _4
BA_ _5
BA_ _6
BA_ _7

ADA STANDING HEIGHT KNEE OPENING (KOA) KOA_ _ @ FUMEHOOD



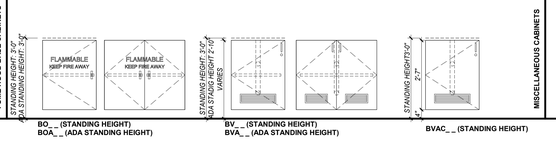
KOA_ _

ADA STANDING HEIGHT SINK (SA)



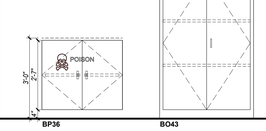
SA_ _2
SA_ _3

FUME HOOD BASE CABINETS



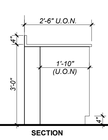
BO_ _ (STANDING HEIGHT)
BOA_ _ (ADA STANDING HEIGHT)
BV_ _ (STANDING HEIGHT)
BVA_ _ (ADA STANDING HEIGHT)
BVAC_ _ (STANDING HEIGHT)

MISCELLANEOUS CABINETS

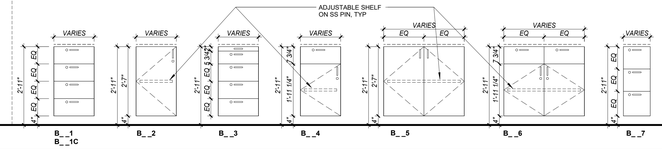


BP36
BO43

STANDING HEIGHT BASE CABINETS (B) _ DENOTES CABINET WIDTH (B_ _C) W/ CASTER

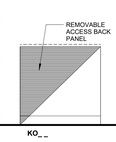


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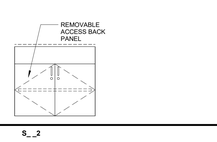
B_ _1
B_ _1C
B_ _2
B_ _3
B_ _4
B_ _5
B_ _6
B_ _7

STANDING HEIGHT KNEE OPENING (KO)



KO_ _

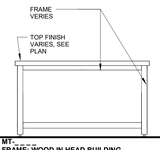
STANDING HEIGHT SINK (S)



S_ _2

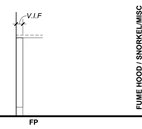
NOTE:
REFER TO MECHANICAL FOR ALL SNORKEL/POINT EXAHUST (PE) IN SHED BUILDING

MOVABLE TABLE _ DENOTES BENCH WIDTH & DEPTH



MT_ _ _ _
FRAME: WOOD IN HEAD BUILDING
PAINTED METAL FRAME IN SHED BUILING

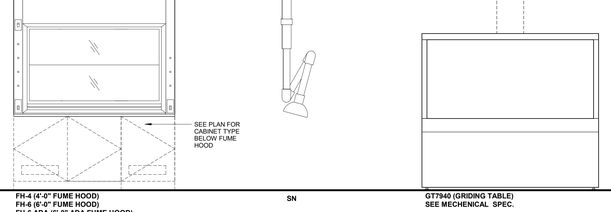
FILLER PANEL



FP

FILLER PANEL; PROVIDE PANEL WHERE REQUIRED TO FILL WALL OPENINGS, ACHIVE ALIGMENTS OR CLOSE GAPS

FUME HOOD / SNORKEL/ MISC

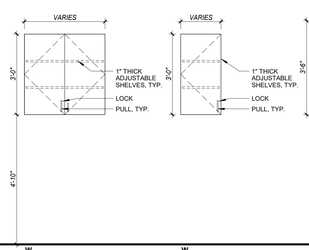


FH-4 (4'-0" FUME HOOD)
FH-6 (6'-0" FUME HOOD)
FH-6 ADA (6'-0" ADA FUME HOOD)

SN

GT7940 (GRIDING TABLE)
SEE MECHENICAL SPEC.

WALL CABINETS (W) DENOTES CABINET WIDTH

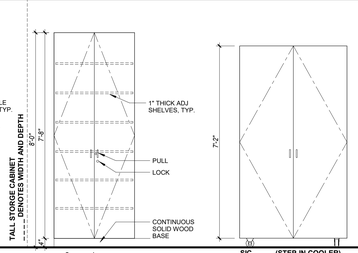


W_ _

W_ _

WG_ _

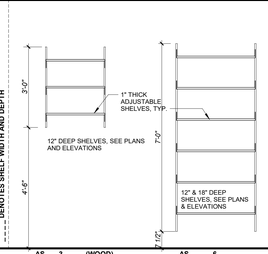
TALL STORGE CABINET _ DENOTES WIDTH AND DEPTH



C_ _ _ _1

SIC_ _ _ _ (STEP-IN COOLER)

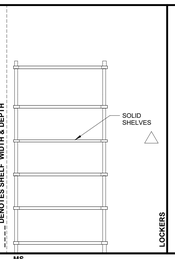
WALL SHELVES _ DENOTES SHELF WIDTH AND DEPTH



AS_ _ -3 (WOOD)
AS_ _ -3M (PAINTED STEEL)
AS_ _ -3SS (STAILESS STEEL)

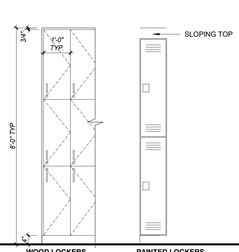
AS_ _ _ _-6

METRO SHELVING _ DENOTES SHELF WIDTH & DEPTH



MS_ _ _ _
PAINTED STEEL

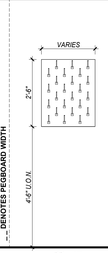
LOCKERS



WOOD LOCKERS

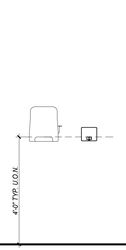
PAINTED LOCKERS

DRYING RACKS (DR) _ DENOTES PEGBOARD WIDTH



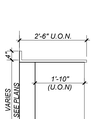
DR_ _30

PAPER TOWEL & SOAP DISPENSER (O.F.O.I.)

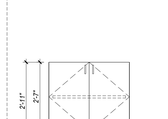


METAL CABINETS (M) - PAINTED STEEL (@ SHED BUILDING)

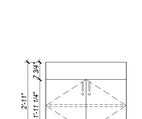
STANDING HEIGHT BASE CABINETS (B) _ DENOTES CABINET WIDTH



SECTION

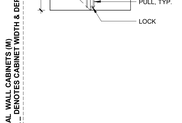


B _ _5M (BASE CABINET)

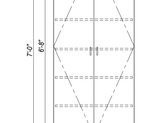


S _ _5M (SINK CABINET)

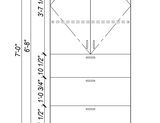
METAL WALL CABINETS (M) _ DENOTES CABINET WIDTH & DEPTH



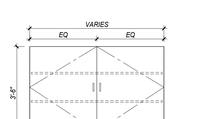
W_ _M



C_ _ _ _1M

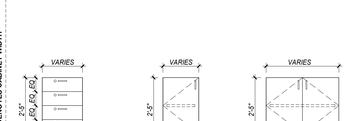


C_ _ _ _2M



C_ _ _ _3M

METAL BASE CABINETS ON CASTER _ DENOTES CABINET WIDTH



BL_ _ 4CM

BL_ _ 2CM

B _ _5CM

ONEIDA COUNTY 1798 NEW YORK

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

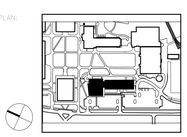
REGISTERED ARCHITECT JAMES R. BRADSHAW 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO	DATE	COMMENTS
	9-23-25	REBID & CONSTRUCTION

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KEY PLAN:



PLAN NORTH

PROJECT TI:

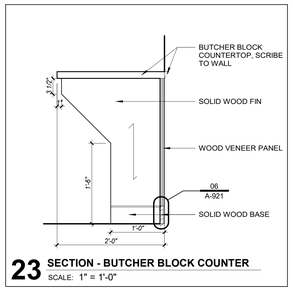
SCIENCE & TECHNOLOGY BUILDING

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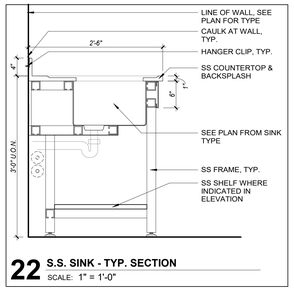
CASEWORK TYPES

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/2" = 1'-0"

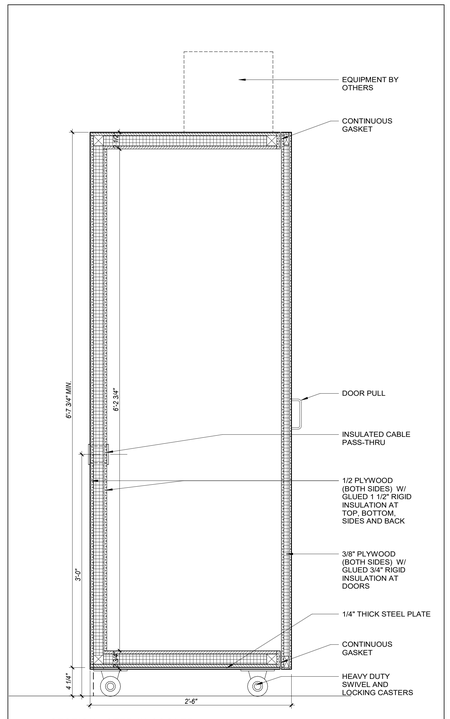
A-920



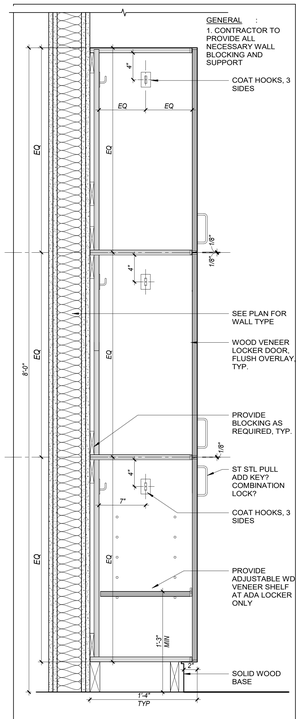
23 SECTION - BUTCHER BLOCK COUNTER
SCALE: 1" = 1'-0"



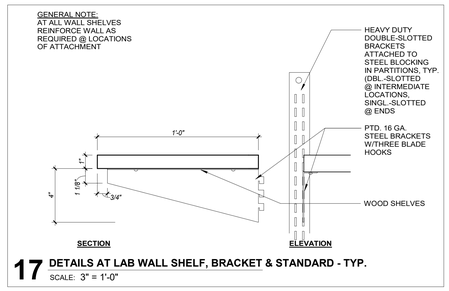
22 S.S. SINK - TYP. SECTION
SCALE: 1" = 1'-0"



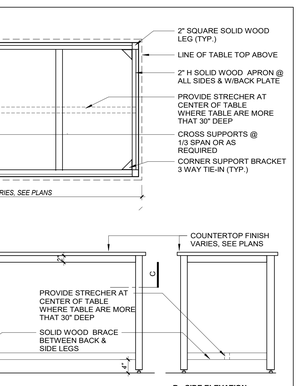
19 SECTION - STEP-IN COOLER
SCALE: 1 1/2" = 1'-0"



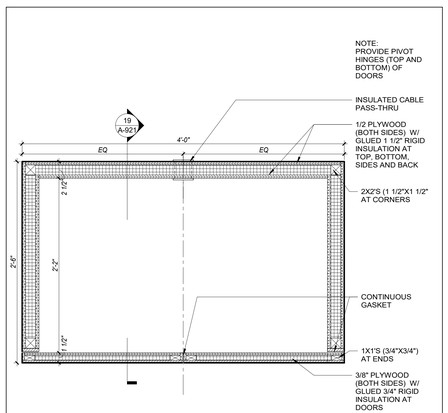
18 SECTION - 3 TIERS WOOD LOCKERS
SCALE: 1 1/2" = 1'-0"



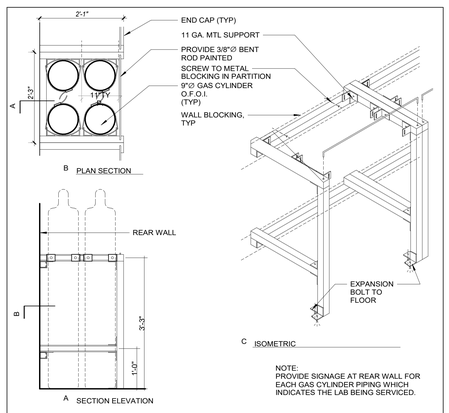
17 DETAILS AT LAB WALL SHELF, BRACKET & STANDARD - TYP.
SCALE: 3" = 1'-0"



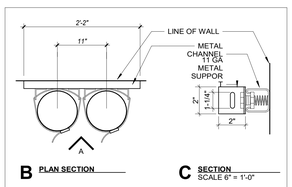
21 MOVABLE WOOD TABLE DETAIL
SCALE: 3/4" = 1'-0"



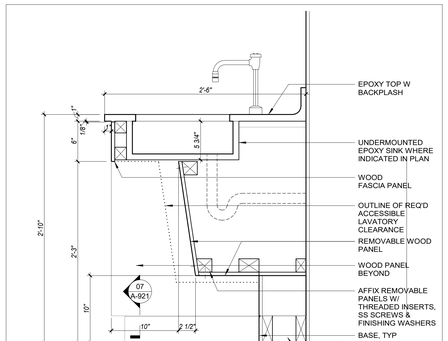
20 PLAN - STEP-IN COOLER
SCALE: 1 1/2" = 1'-0"



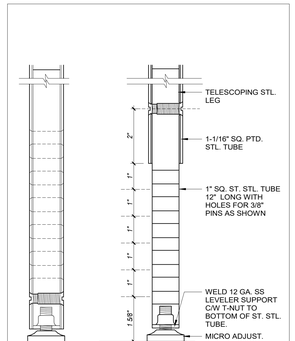
16 CYLINDER STRAP RACK CR-4
SCALE: 3/4" = 1'-0"



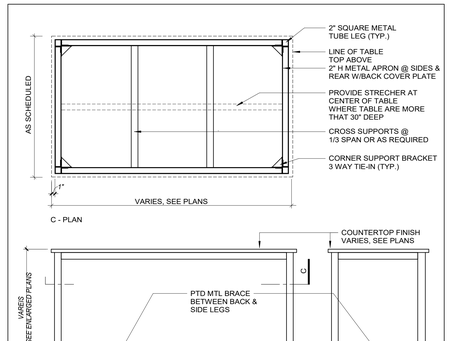
11 CYLINDER STRAP HOLDER DETAILS
SCALE: 1" = 1'-0"



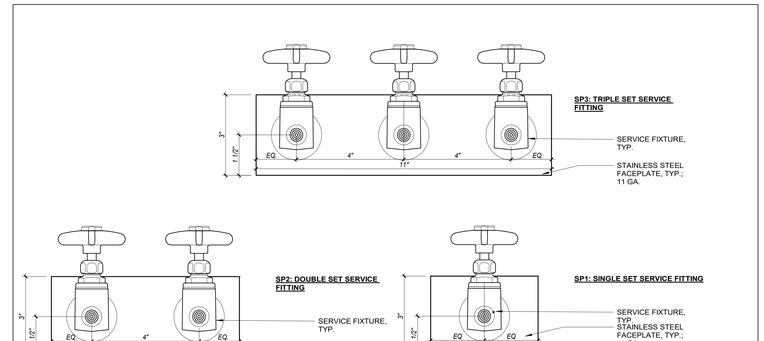
15 SECTION - TYP BARRIER FREE SINK BASE CABINET
SCALE: 1 1/2" = 1'-0"



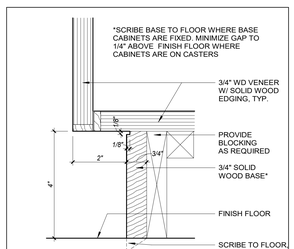
14 DETAIL - ADJUSTABLE TABLE LEG
SCALE: 6" = 1'-0"



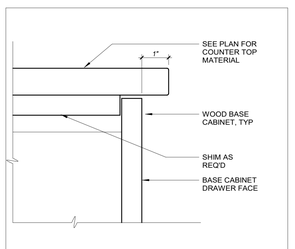
13 MOVABLE TABLE DETAIL
SCALE: 3/4" = 1'-0"



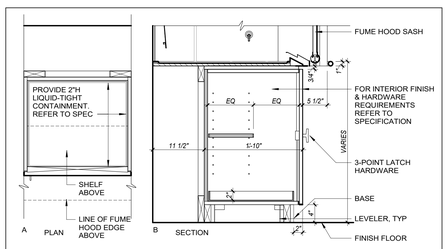
12 WALL MOUNTED SERVICE FIXTURE PLATES
SCALE: 6" = 1'-0"



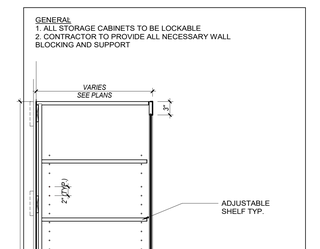
10 TYPICAL CABINET FRONT BASE DETAIL1
SCALE: 6" = 1'-0"



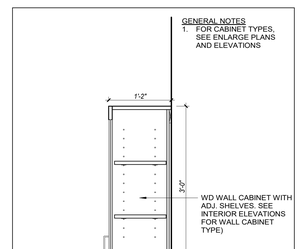
09 TYP. LAB BENCH EDGE DETAIL AT BASE CAB.
SCALE: 6" = 1'-0"



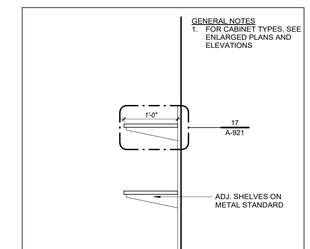
08 UNDERCOUNTER FLAMMABLE STORAGE BASE CABINET
SCALE: 1" = 1'-0"



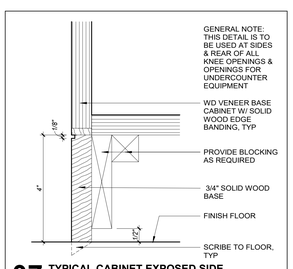
03 SECTION - TALL STORAGE CABINET
SCALE: 1" = 1'-0"



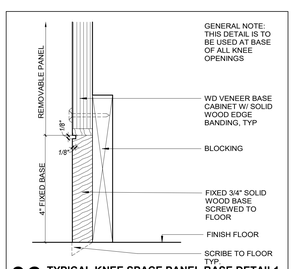
02 SECTION - TYPICAL LAB WALL BENCH
SCALE: 1" = 1'-0"



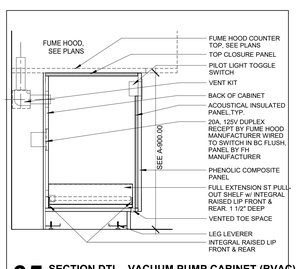
01 SECTION -TYPICAL WALL BENCH W/ SHELVES
SCALE: 1" = 1'-0"



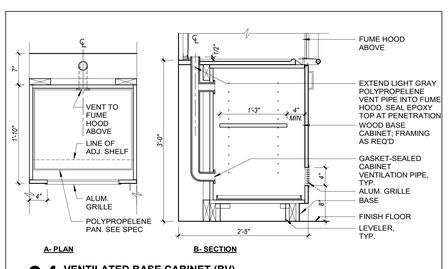
07 TYPICAL CABINET EXPOSED SIDE
SCALE: 6" = 1'-0"



06 TYPICAL KNEE SPACE PANEL BASE DETAIL1
SCALE: 6" = 1'-0"



05 SECTION DTL - VACUUM PUMP CABINET (BVAC)
SCALE: 1" = 1'-0"



04 VENTILATED BASE CABINET (BV)
SCALE: 1" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

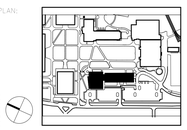
SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

NO.	DATE	COMMENTS
1	9-23-25	REBID & CONSTRUCTION

CONTRACTOR TO REVIEW DRAWINGS BEFORE STARTING THE WORK. ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

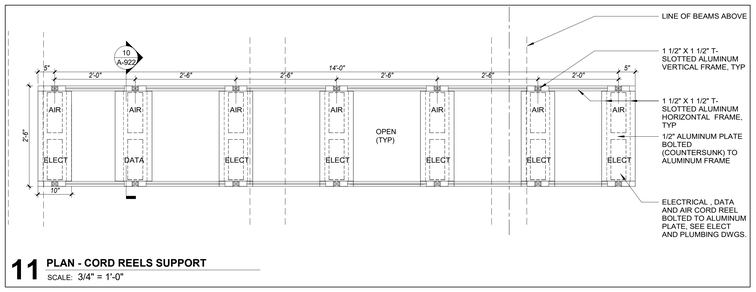
KEY PLAN:


PROJECT:
SCIENCE & TECHNOLOGY BUILDING

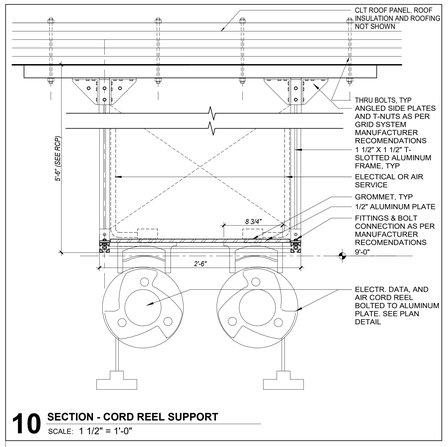
DRAWING TITLE:
CASEWORK DETAILS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

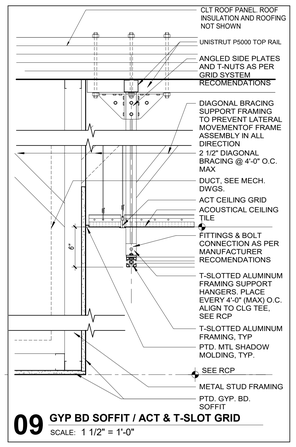
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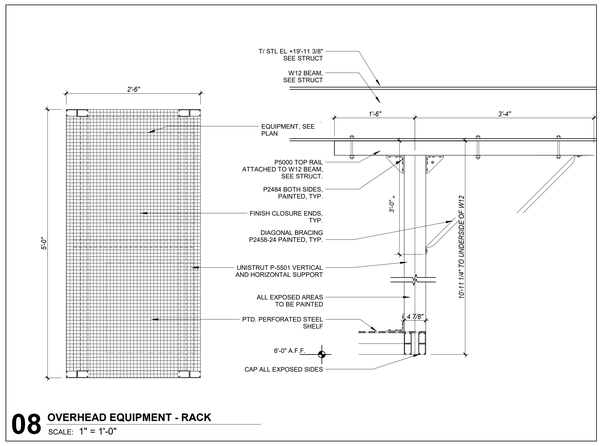
11 PLAN - CORD REELS SUPPORT
SCALE: 3/4" = 1'-0"



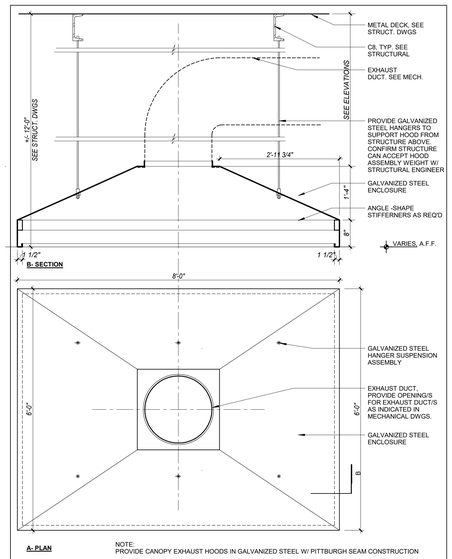
10 SECTION - CORD REEL SUPPORT
SCALE: 1 1/2" = 1'-0"



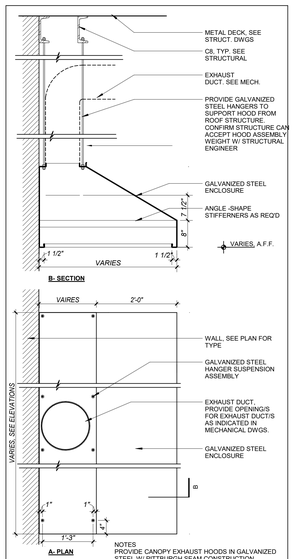
09 GYP BD SOFFIT / ACT & T-SLOT GRID
SCALE: 1 1/2" = 1'-0"



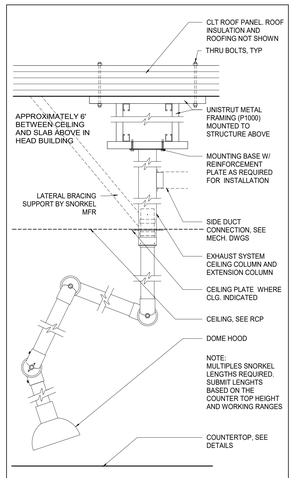
08 OVERHEAD EQUIPMENT - RACK
SCALE: 1" = 1'-0"



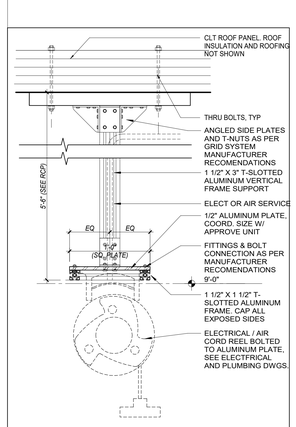
06 EXHAUST CANOPY HOOD - OPEN AREA
SCALE: 3/4" = 1'-0"



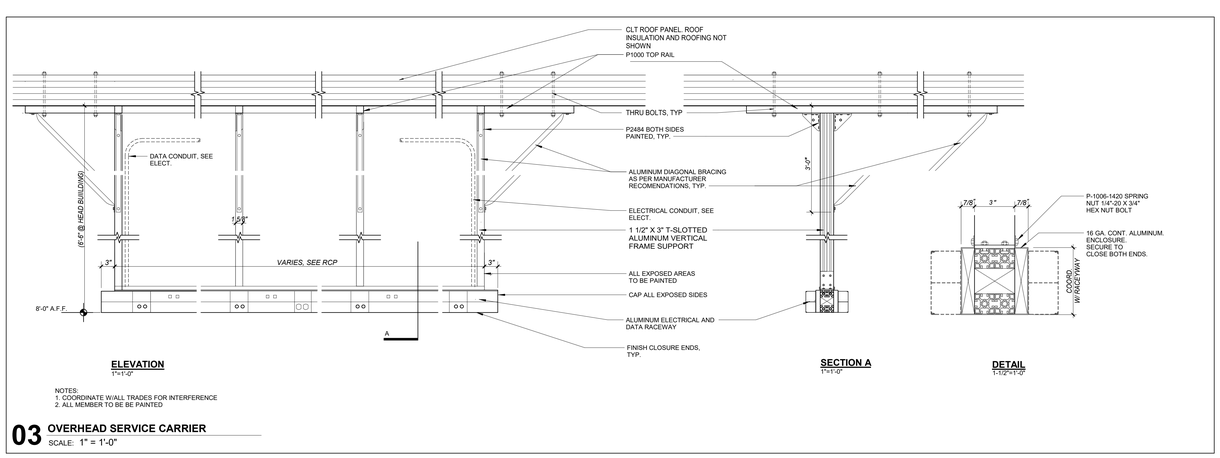
05 EXHAUST CANOPY HOOD @ WALL
SCALE: 3/4" = 1'-0"



04 POINT EXHAUST SNORKEL DETAIL (SN)
SCALE: 1" = 1'-0"

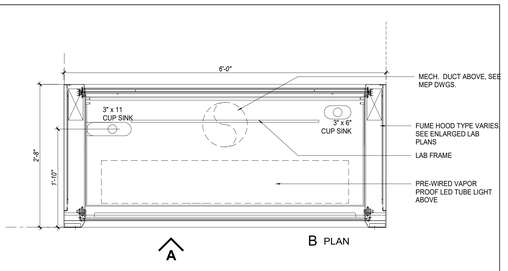


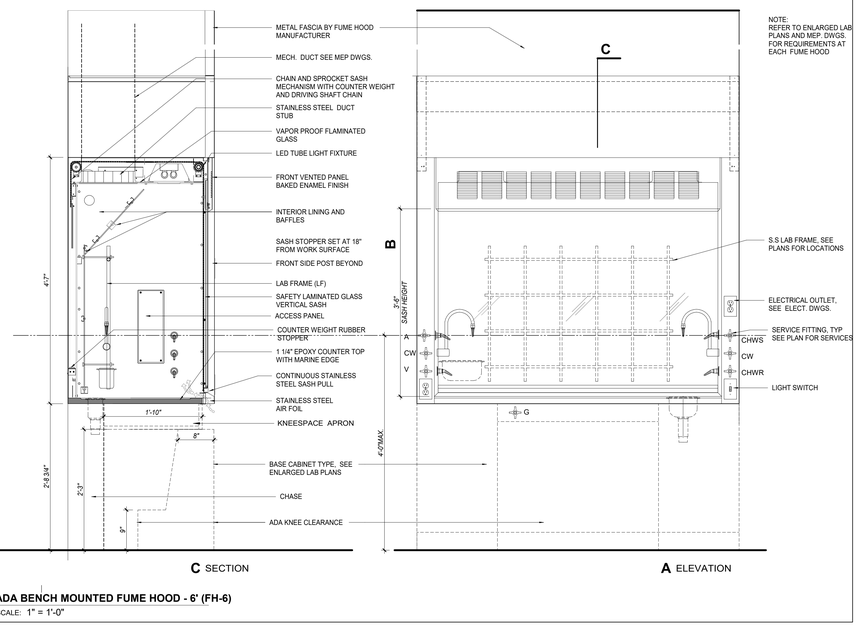
07 SECTION - HEAD BUILDING CORD REEL
SCALE: 1 1/2" = 1'-0"



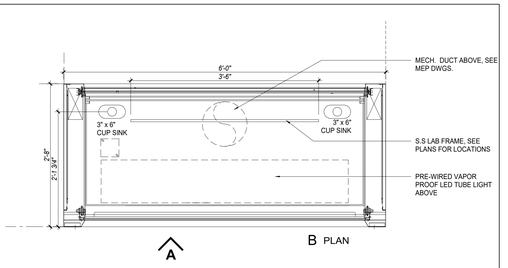
NOTES:
1. COORDINATE W/ALL TRADES FOR INTERFERENCE
2. ALL MEMBER TO BE BE PAINTED

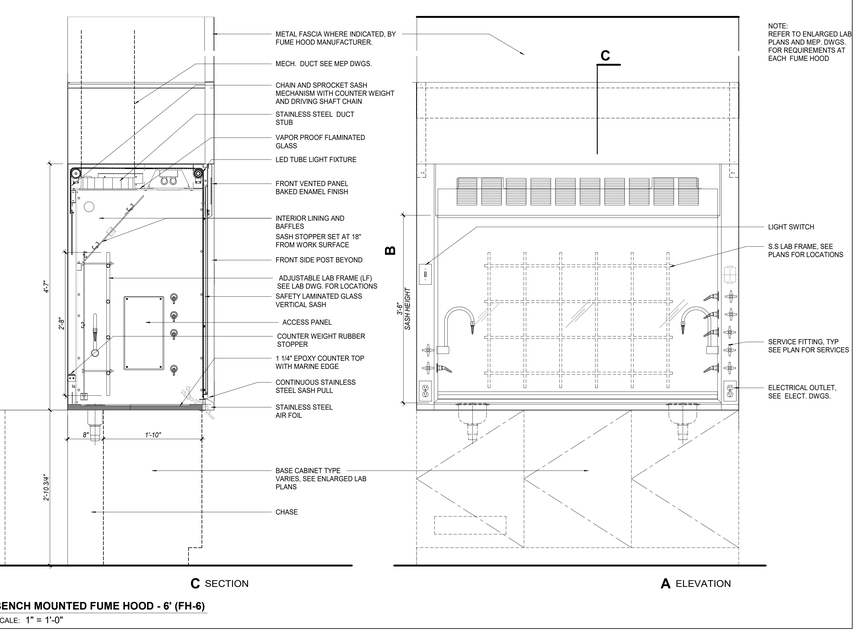
03 OVERHEAD SERVICE CARRIER
SCALE: 1" = 1'-0"





02 ADA BENCH MOUNTED FUME HOOD - 6' (FH-6)
SCALE: 1" = 1'-0"





01 BENCH MOUNTED FUME HOOD - 6' (FH-6)
SCALE: 1" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
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Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
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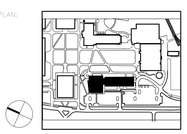
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18 South Street
Utica, NY 13501
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Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO	DATE	COMMENTS
1	9-23-25	REBID & CONSTRUCTION

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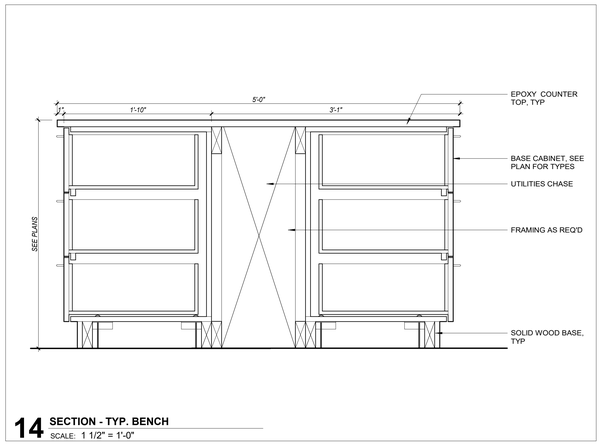
KEY PLAN:

PLAN NORTH

PROJECT:
SCIENCE & TECHNOLOGY BUILDING

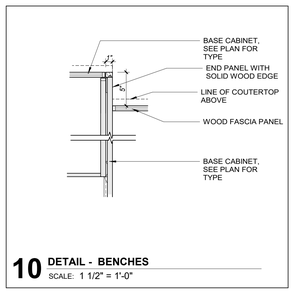
DRAWING TITLE:
CASEWORK DETAILS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

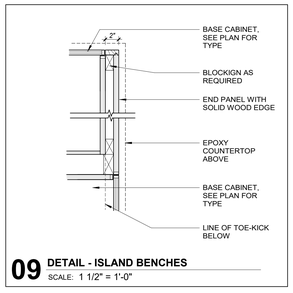
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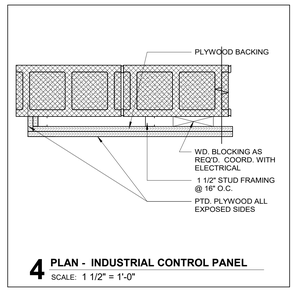
14 SECTION - TYP. BENCH
SCALE: 1 1/2" = 1'-0"



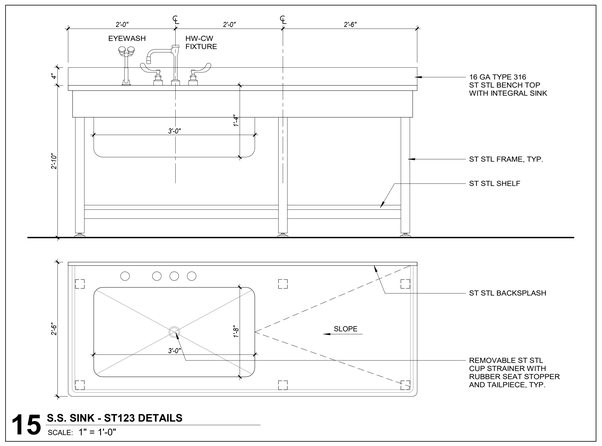
10 DETAIL - BENCHES
SCALE: 1 1/2" = 1'-0"



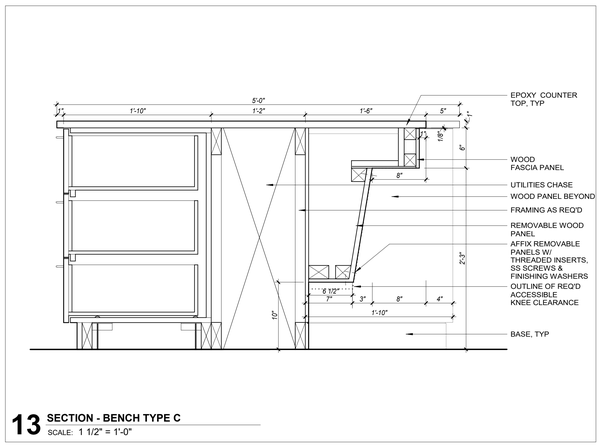
09 DETAIL - ISLAND BENCHES
SCALE: 1 1/2" = 1'-0"



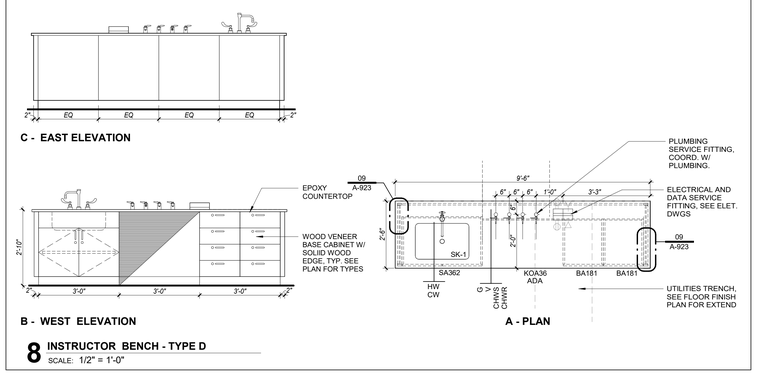
4 PLAN - INDUSTRIAL CONTROL PANEL
SCALE: 1 1/2" = 1'-0"



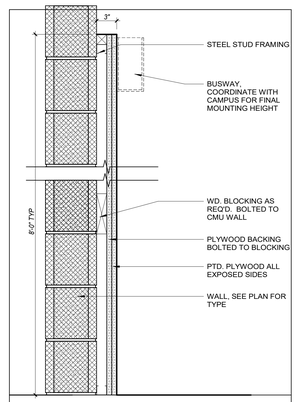
15 S.S. SINK - ST123 DETAILS
SCALE: 1" = 1'-0"



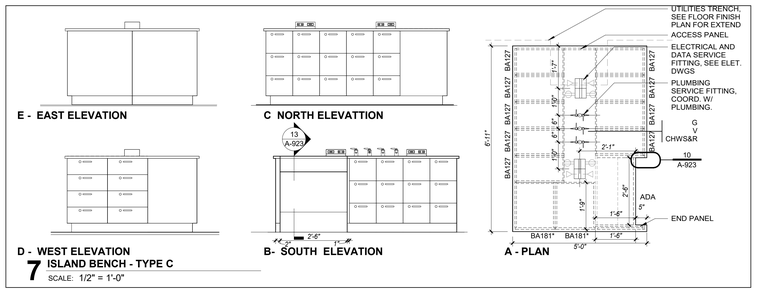
13 SECTION - BENCH TYPE C
SCALE: 1 1/2" = 1'-0"



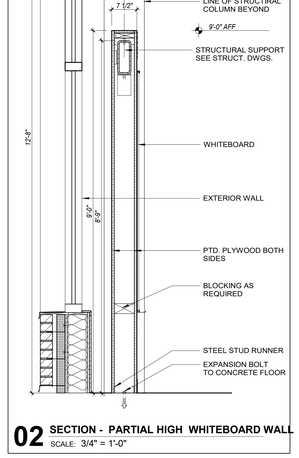
8 INSTRUCTOR BENCH - TYPE D
SCALE: 1/2" = 1'-0"



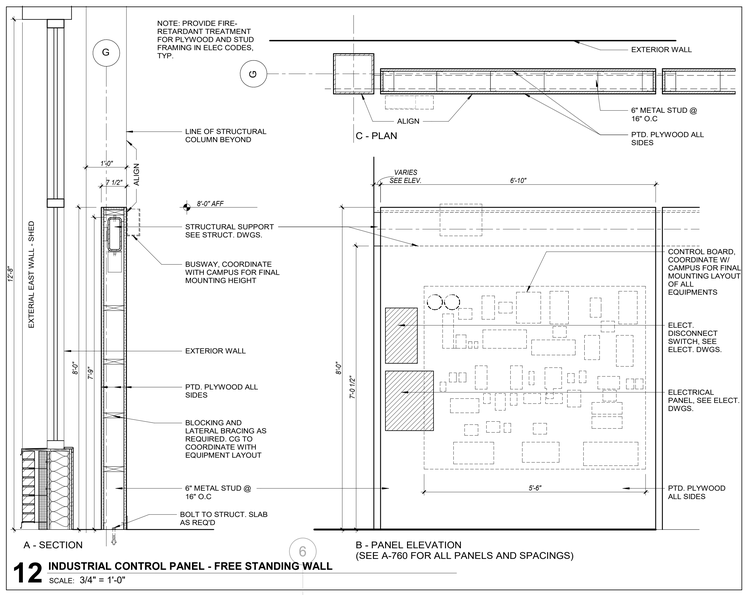
3 SECTION - INDUSTRIAL CONTROL WEST PANELS
SCALE: 1 1/2" = 1'-0"



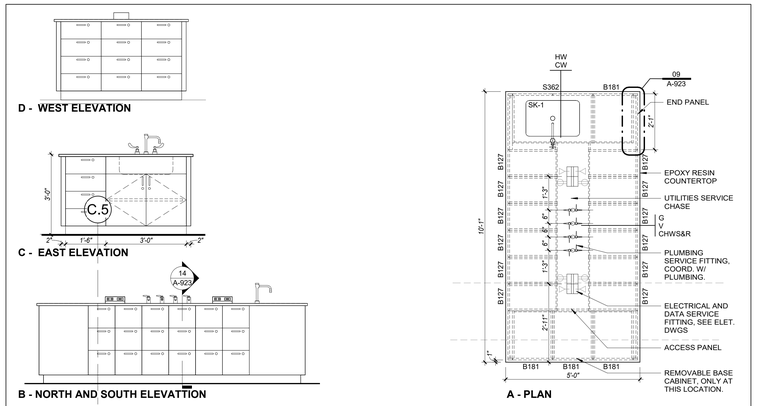
7 ISLAND BENCH - TYPE C
SCALE: 1/2" = 1'-0"



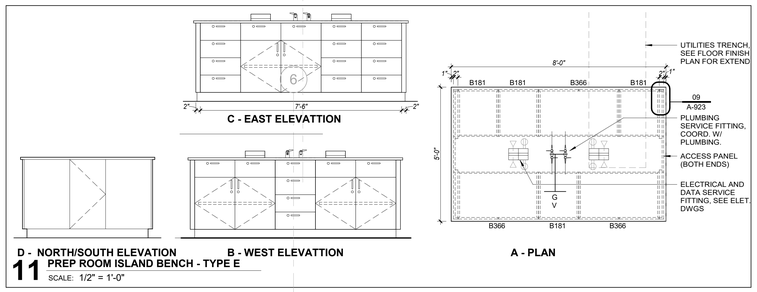
02 SECTION - PARTIAL HIGH WHITEBOARD WALL
SCALE: 3/4" = 1'-0"



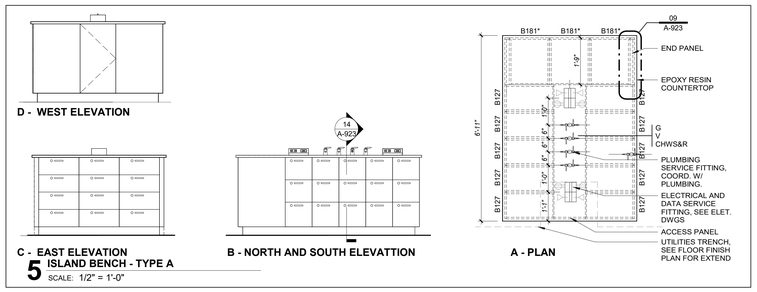
12 INDUSTRIAL CONTROL PANEL - FREE STANDING WALL
SCALE: 3/4" = 1'-0"



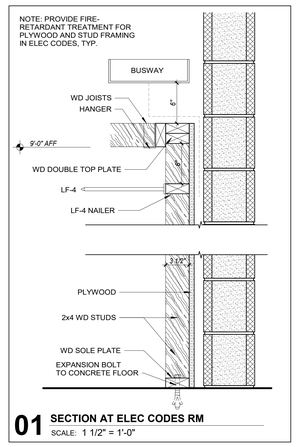
6 ISLAND BENCH - TYPE B
SCALE: 1/2" = 1'-0"



11 PREP ROOM ISLAND BENCH - TYPE E
SCALE: 1/2" = 1'-0"



5 ISLAND BENCH - TYPE A
SCALE: 1/2" = 1'-0"



01 SECTION AT ELEC CODES RM
SCALE: 1 1/2" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE
1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:
MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

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Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
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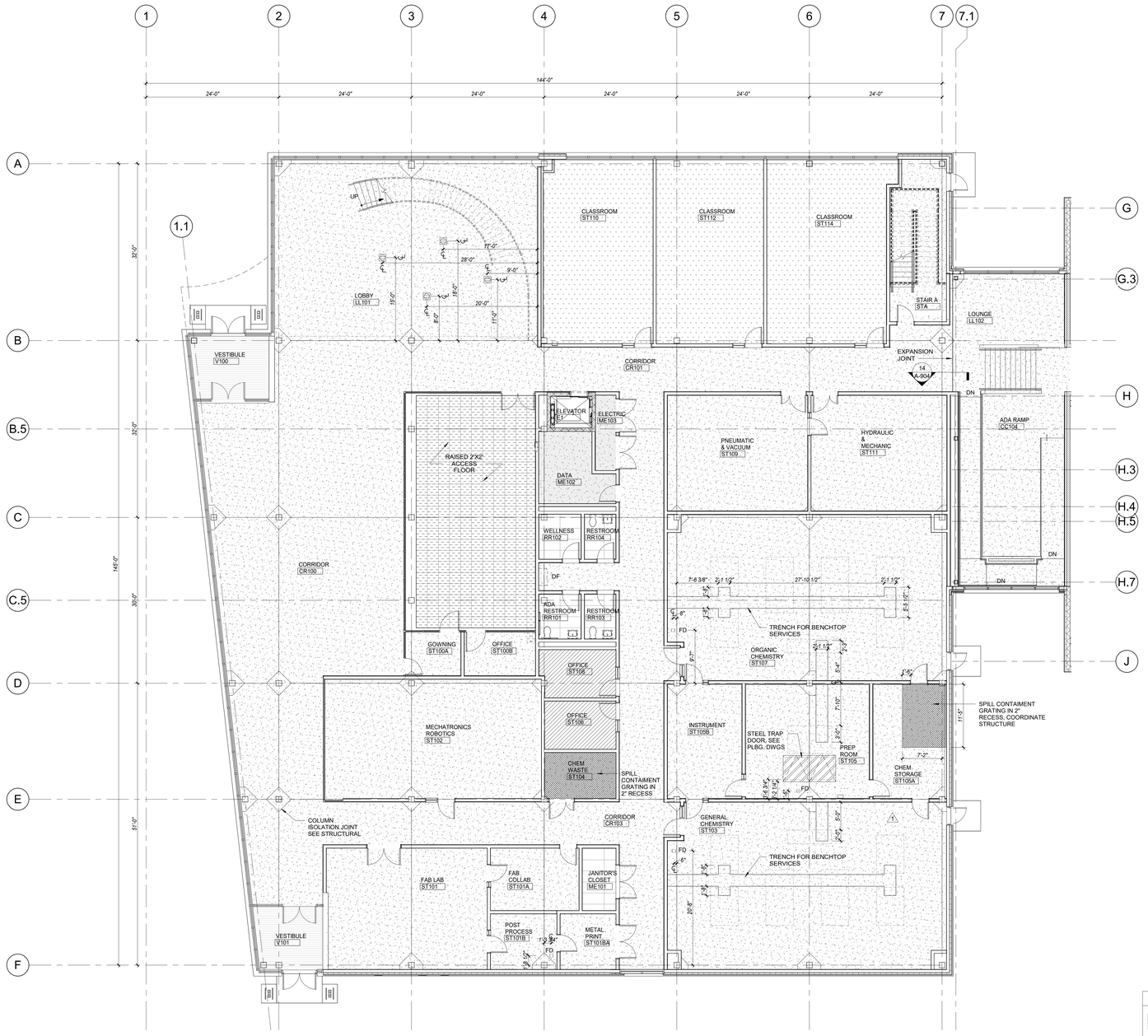
KEY PLAN:
PLAN NORTH

PROJECT:
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:
CASEWORK DETAILS

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As indicated

A-923



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

FLOORING LEGEND

(F1) POLISHED CONCRETE	(F2) WALK OFF MAT	(F3) PORCELAIN TILE
(F4) RUBBER	(F5) PLASTIC WEAVE	(F6) RAISED FLOOR RUBBER
(F7) METAL GRATING	(F8) RESINOUS FLOOR	(F9) SEALED CONCRETE

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MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

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Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

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Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
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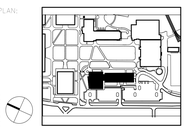
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KEY PLAN:



PLAN NORTH

PROJECT:

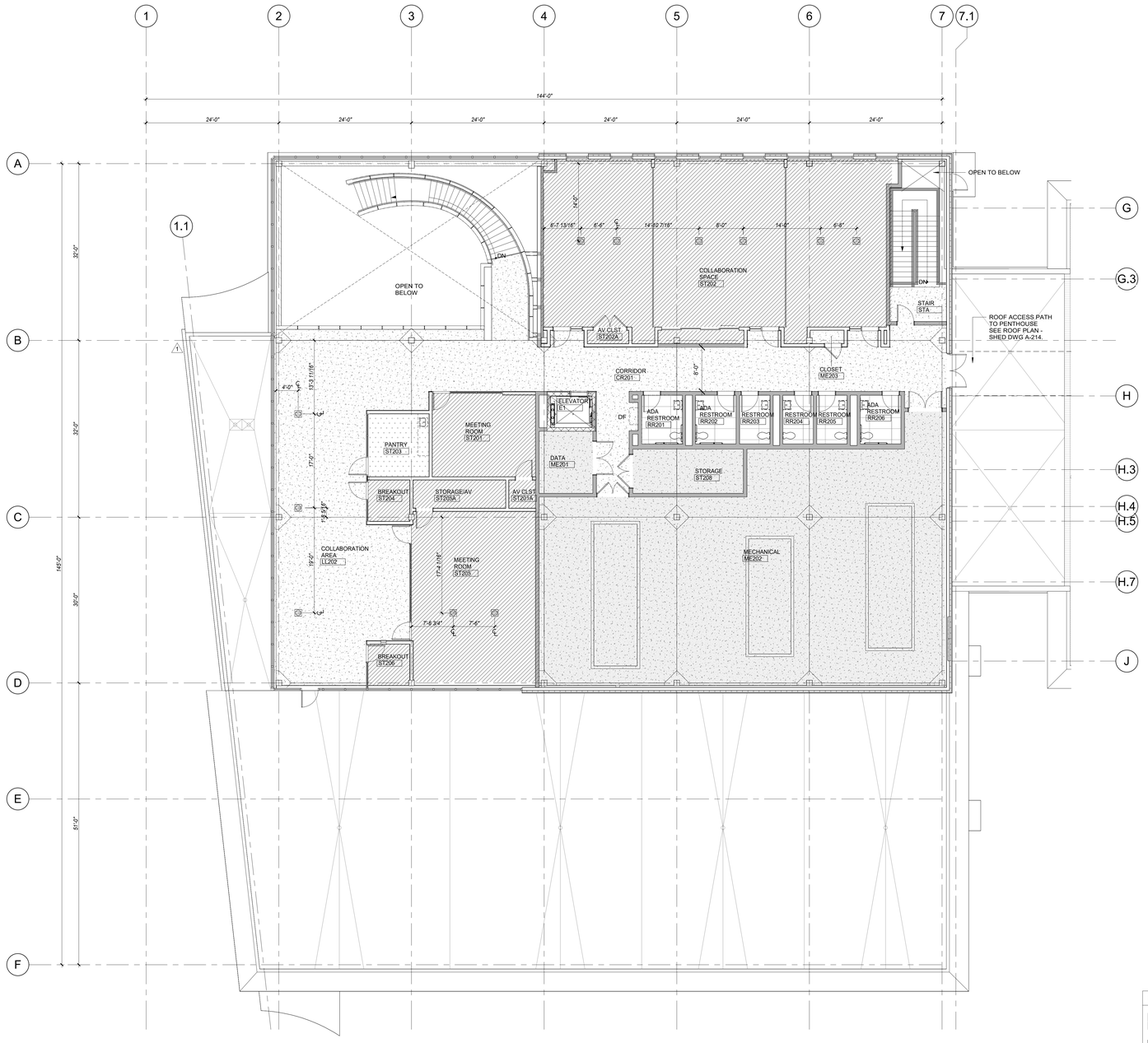
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

HEAD – FIRST FLOOR FINISH PLAN

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: 1/8" = 1'-0"

A-1010



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

FLOORING LEGEND

(F1) POLISHED CONCRETE	(F2) WALK OFF MAT	(F3) PORCELAIN TILE
(F4) RUBBER	(F5) PLASTIC WEAVE	(F6) RAISED FLOOR RUBBER
(F7) METAL GRATING	(F8) RESINOUS FLOOR	(F9) SEALED CONCRETE

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

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Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
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315 476 1022

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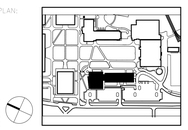
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KEY PLAN:



PLAN NORTH

PROJECT:

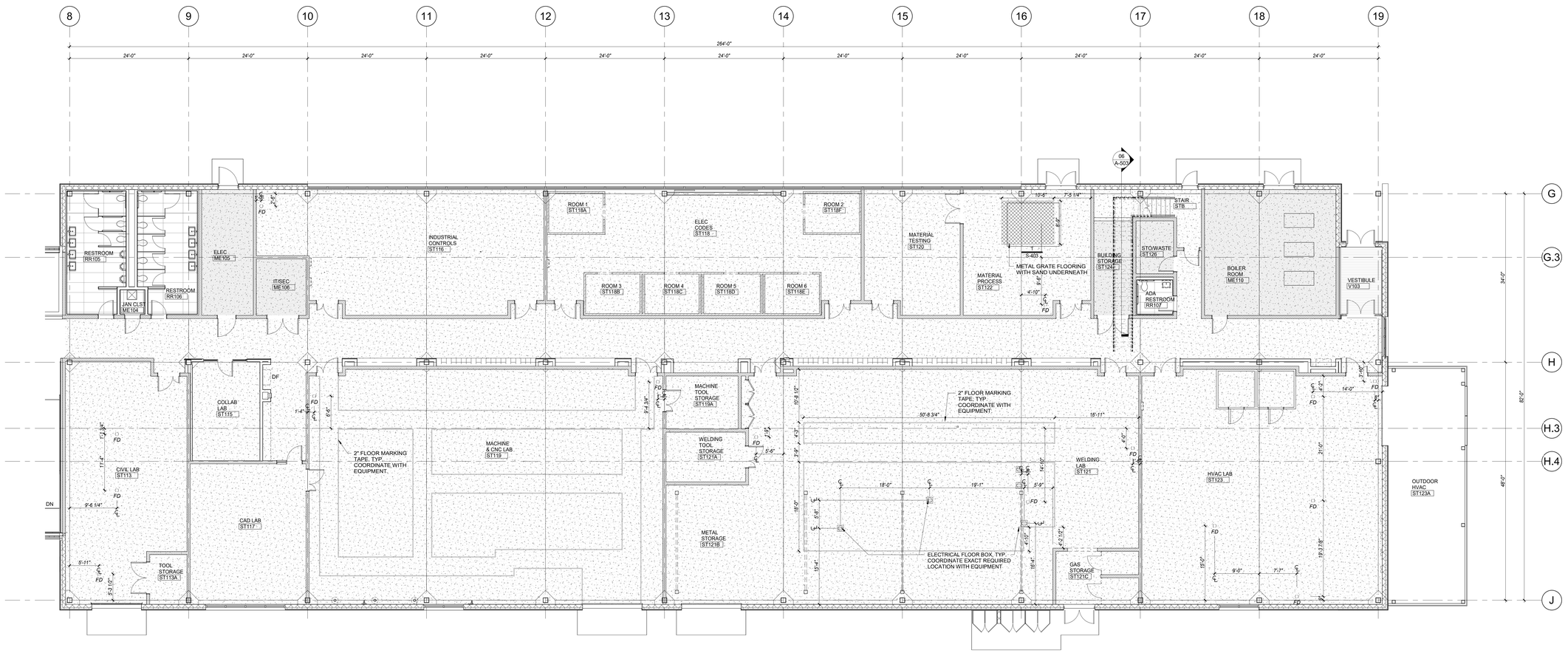
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

HEAD – SECOND FLOOR FINISH PLAN

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/8" = 1'-0"

A-1011



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

FLOORING LEGEND		
(F1) POLISHED CONCRETE	(F2) WALK OFF MAT	(F3) PORCELAIN TILE
(F4) RUBBER	(F5) PLASTIC WEAVE	(F6) RAISED FLOOR RUBBER
(F7) METAL GRATING	(F8) RESINOUS FLOOR	(F9) SEALED CONCRETE

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC
258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola
Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

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Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

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Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
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315 476 1022

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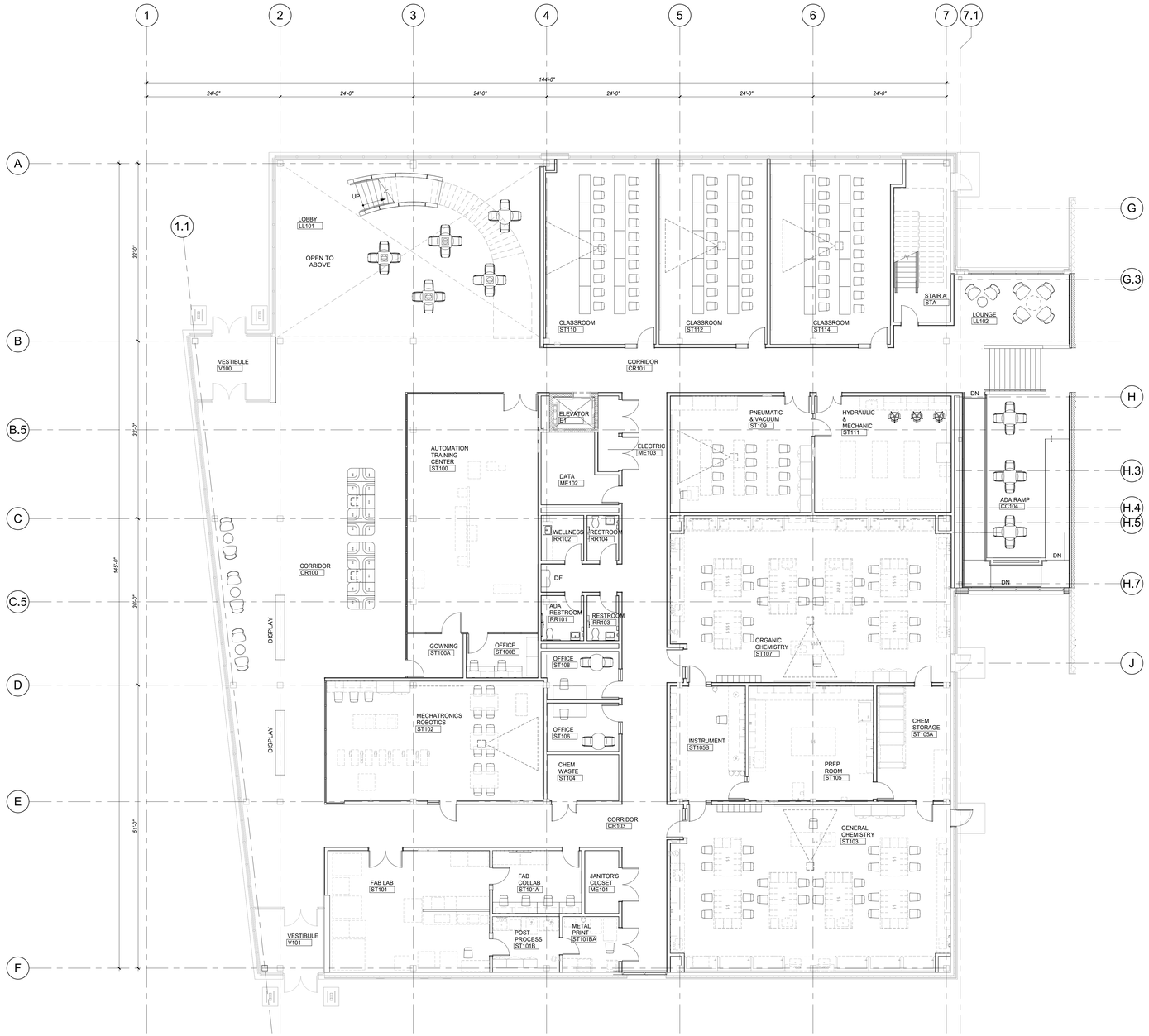
KEY PLAN:
PLAN NORTH

PROJECT:
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:
SHED – FIRST FLOOR FINISH PLAN

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: 1/8" = 1'-0"

A-1012



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

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

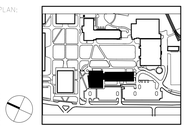
EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

NO.	DATE	COMMENTS
1	9-23-25	REBID & CONSTRUCTION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PLAN NORTH

PROJECT:

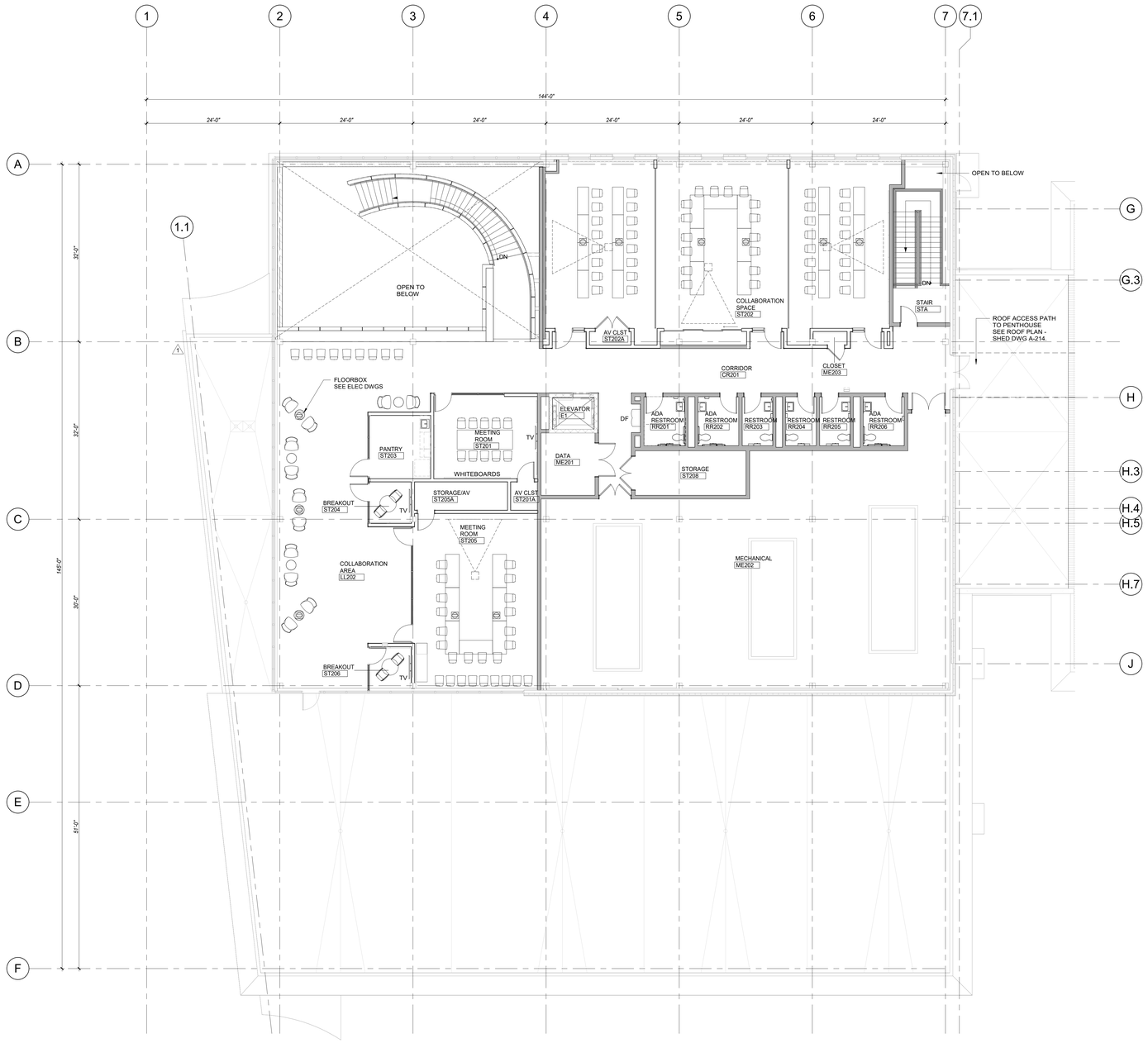
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

HEAD – FIRST FLOOR FURNITURE PLAN

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/8" = 1'-0"

A-1110



1 **SECOND FLOOR FURNITURE PLAN - HEAD**
SCALE: 1/8" = 1'-0"

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
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Appel Osborne Landscape Architecture
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315 476 1022

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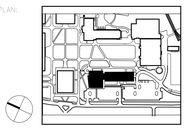
REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:		
NO.	DATE	COMMENTS
1	9-23-25	REBID & CONSTRUCTION

EXISTING CONDITIONS INFORMATION FOR ALL PLANS, SECTIONS AND ELEVATIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

KEY PLAN:



PLAN NORTH

PROJECT:

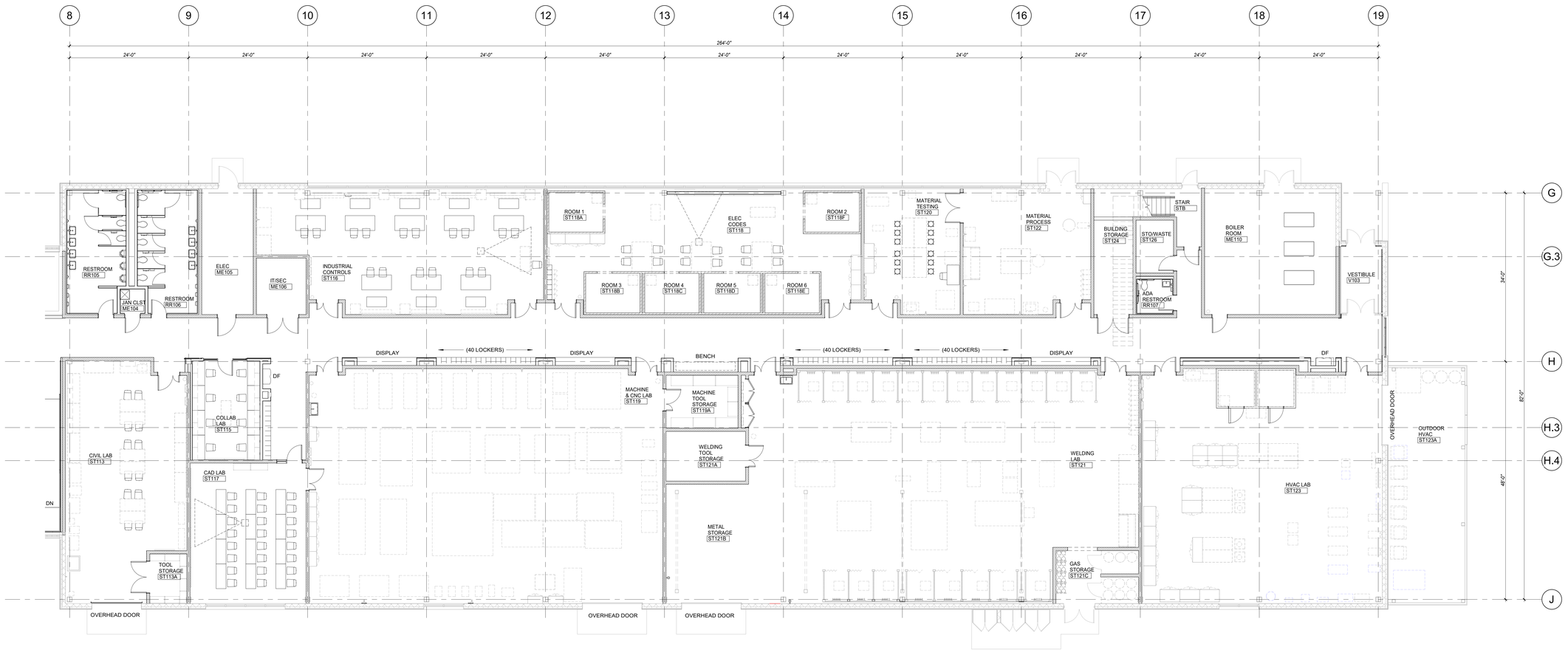
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

HEAD – SECOND FLOOR FURNITURE PLAN

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/8" = 1'-0"

A-1111



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

ONEIDA COUNTY NEW YORK 1798

MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

STRUCTURAL ENGINEER:
Interactive Engineering Solutions, PC
1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

MEP ENGINEER:
Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT JAMES R. BRADDOCK 015807 STATE OF NEW YORK

EXPIRATION DATE: 05-31-2026

ISSUE/REVISION:

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KEY PLAN:

PLAN NORTH

PROJECT:

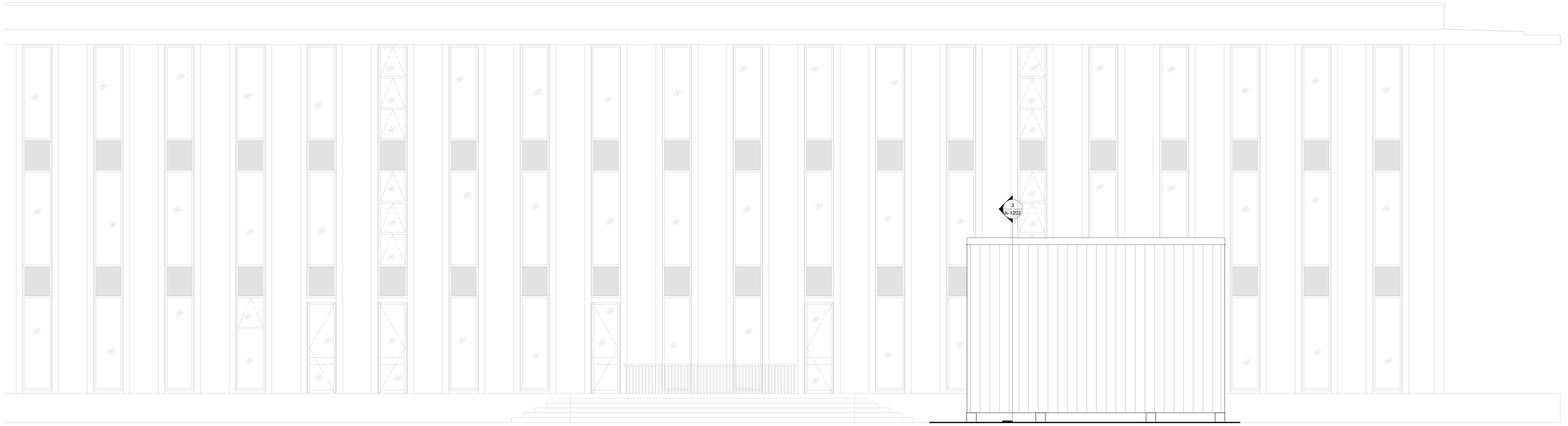
SCIENCE & TECHNOLOGY BUILDING

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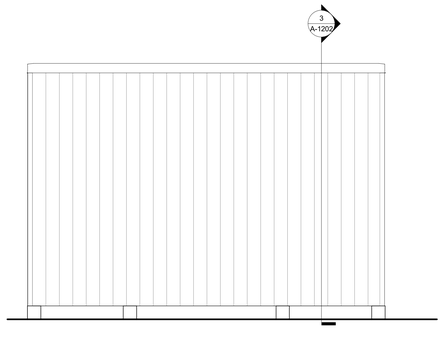
SHED – FIRST FLOOR FURNITURE PLAN

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: 1/8" = 1'-0"

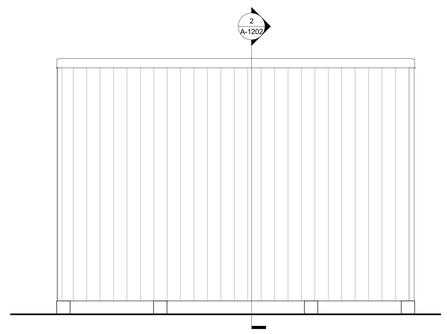
A-1112



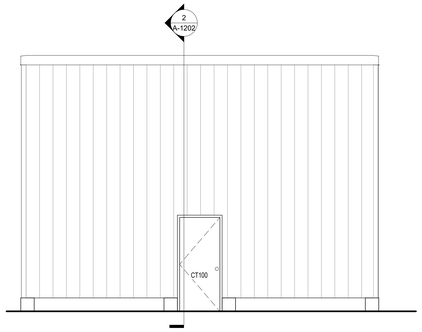
6 COOLING TOWER BACK ELEVATION
SCALE: 1/4" = 1'-0"



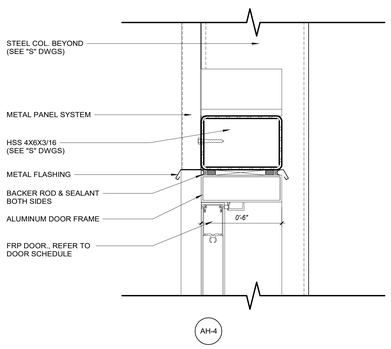
4 COOLING TOWER FRONT ELEVATION
SCALE: 1/4" = 1'-0"



5 COOLING TOWER SIDE ELEVATION
SCALE: 1/4" = 1'-0"



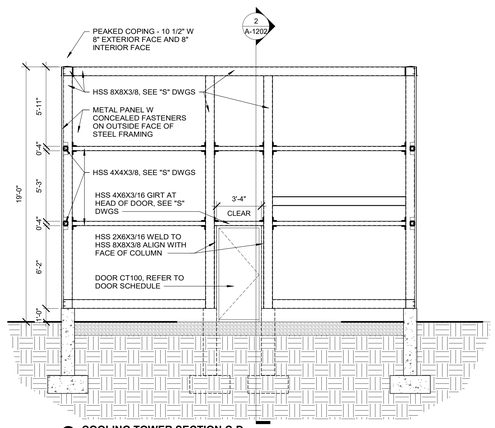
7 COOLING TOWER SIDE ELEVATION2
SCALE: 1/4" = 1'-0"



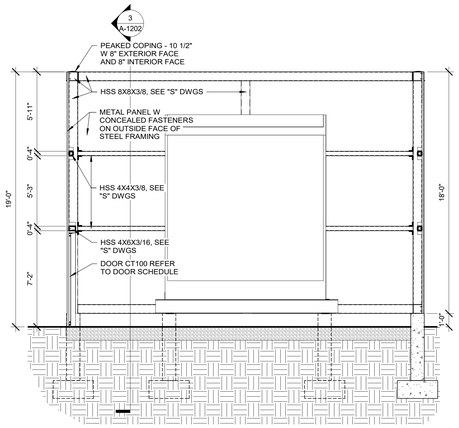
8 Door Head and Jambs - Cooling Tower ALTERNATE
SCALE: 3" = 1'-0"

COOLING TOWER DOOR SCHEDULE

			DOOR			FRAME							
Building	DOOR NO.	DOOR WIDTH	HT.	TYPE	MATL.	TYPE	MATL.	HEAD	JAMB	THRESHOLD	HARDWARE	FIRE (HR)	DESCRIPTION
COOLING TOWER	CT100	3'-0"	7'-0"	F	FRP	FT-1	ALUM	AH-4	AJ-6	ALUM	J	---	UNDERCUT 1"



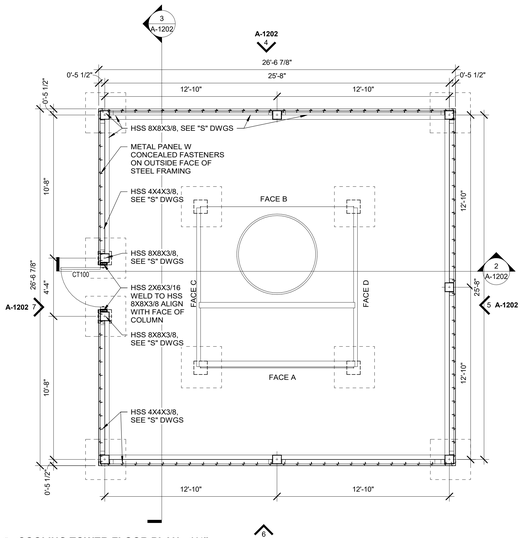
3 COOLING TOWER SECTION C-D
SCALE: 1/4" = 1'-0"



2 COOLING TOWER SECTION A-B
SCALE: 1/4" = 1'-0"

GENERAL FINISH NOTE:

ALL ELEVATED FRAMING FOR SUPPORT OF THE COOLING TOWER AND ENCLOSURE SUPPORT FRAMING (INCLUDING, BUT NOT LIMITED TO, COLUMNS, BEAMS, ANGLES, PLATES, CONNECTIONS AND BOLTS) SHALL BE HOT-DIPPED GALVANIZED STEEL. PROVIDE GALVANIZED REPAIR PAINT AT FIELD WELDS AS REQUIRED.



1 COOLING TOWER FLOOR PLAN - 1/4"
SCALE: 1/4" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

ARCHITECT:

MARCH ASSOCIATES
ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

Mitchell Giurgola Architects LLP
630 Ninth Avenue, Suite 711
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Rome, NY 13440
315 339 7855

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Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT
MATTHEW E. FREED
039779
STATE OF NEW YORK

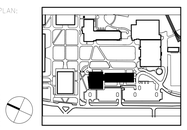
EXPIRATION DATE: 05-31-2028

ISSUE/REVISION:

NO.	DATE	COMMENTS
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KEY PLAN:



PROJECT TITLE:

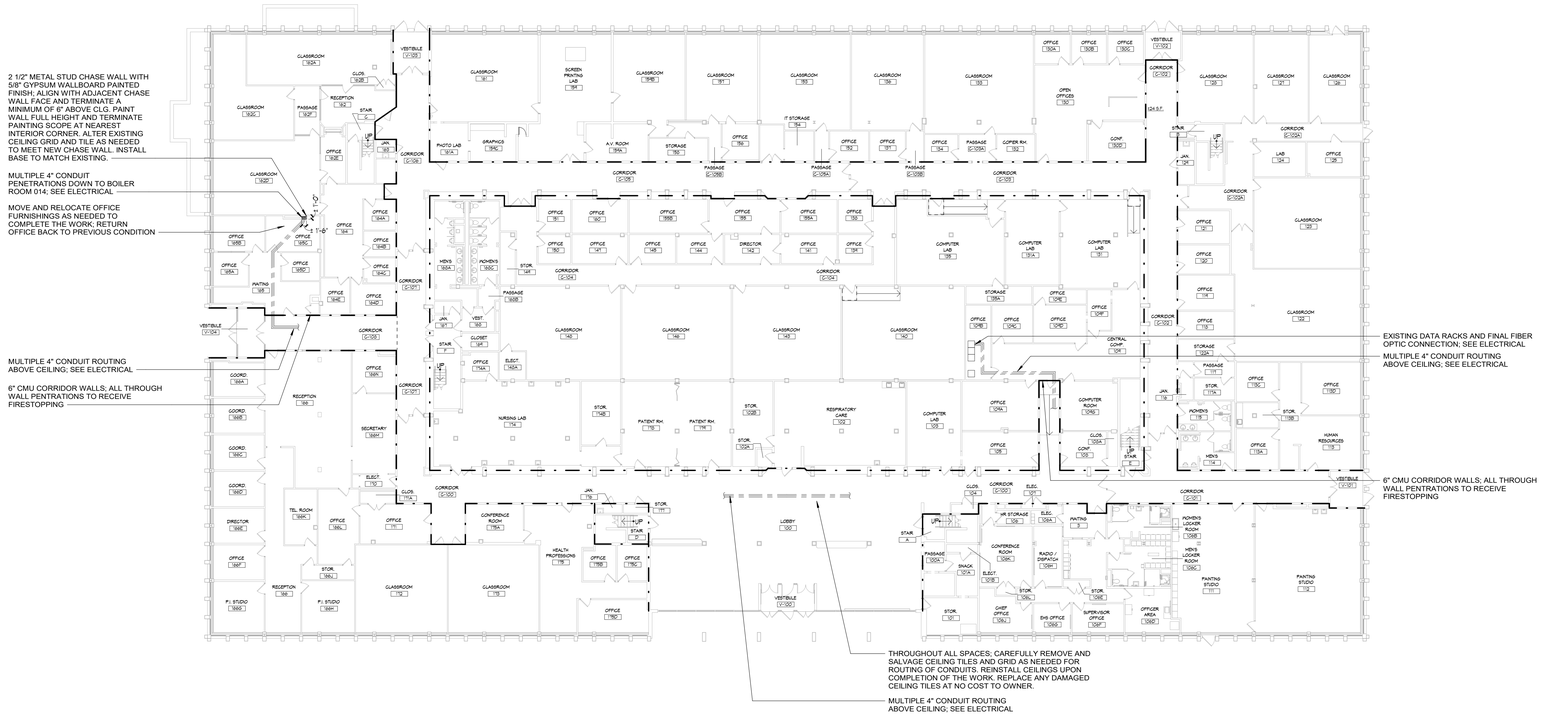
SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

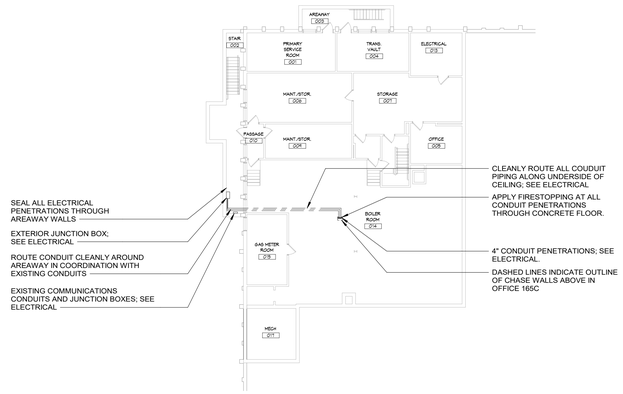
COOLING TOWER

PROJECT NO: 23000	DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION	SCALE: As Indicated

A-1202



2 ACADEMIC BUILDING OVERALL FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"



1 ACADEMIC BUILDING BASEMENT PARTIAL PLAN
SCALE: 1/16" = 1'-0"

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MVCC
MOHAWK VALLEY COMMUNITY COLLEGE

1101 SHERMAN DRIVE
UTICA, NY 13501
(315) 792-5400

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MARCH ASSOCIATES ARCHITECTS & PLANNERS, PC

258 Genesee Street, Suite 300
Utica, New York 13501
315 733 3344

Mitchell Giurgola

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630 Ninth Avenue, Suite 711
New York, New York 10036
212 663 4000

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1721 Black River Blvd, Suite L-1
Rome, NY 13440
315 339 7855

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Towne Engineering
18 South Street
Utica, NY 13501
315 733 9000

SITE | CIVIL ENGINEER:
Appel Osborne Landscape Architecture
102 West Division Street, Suite 100
Syracuse, NY 13204
315 476 1022

SEAL:

REGISTERED ARCHITECT MATTHEW E. KEEFE 039779 STATE OF NEW YORK

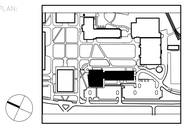
EXPIRATION DATE: 05-31-2028

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KEY PLAN:



PLAN NORTH

PROJECT:

SCIENCE & TECHNOLOGY BUILDING

DRAWING TITLE:

ACADEMIC BUILDING

PROJECT NO: 23000 | DATE: 9/23/2025
PHASE: REBID & CONSTRUCTION | SCALE: 1/16" = 1'-0"

A-1301