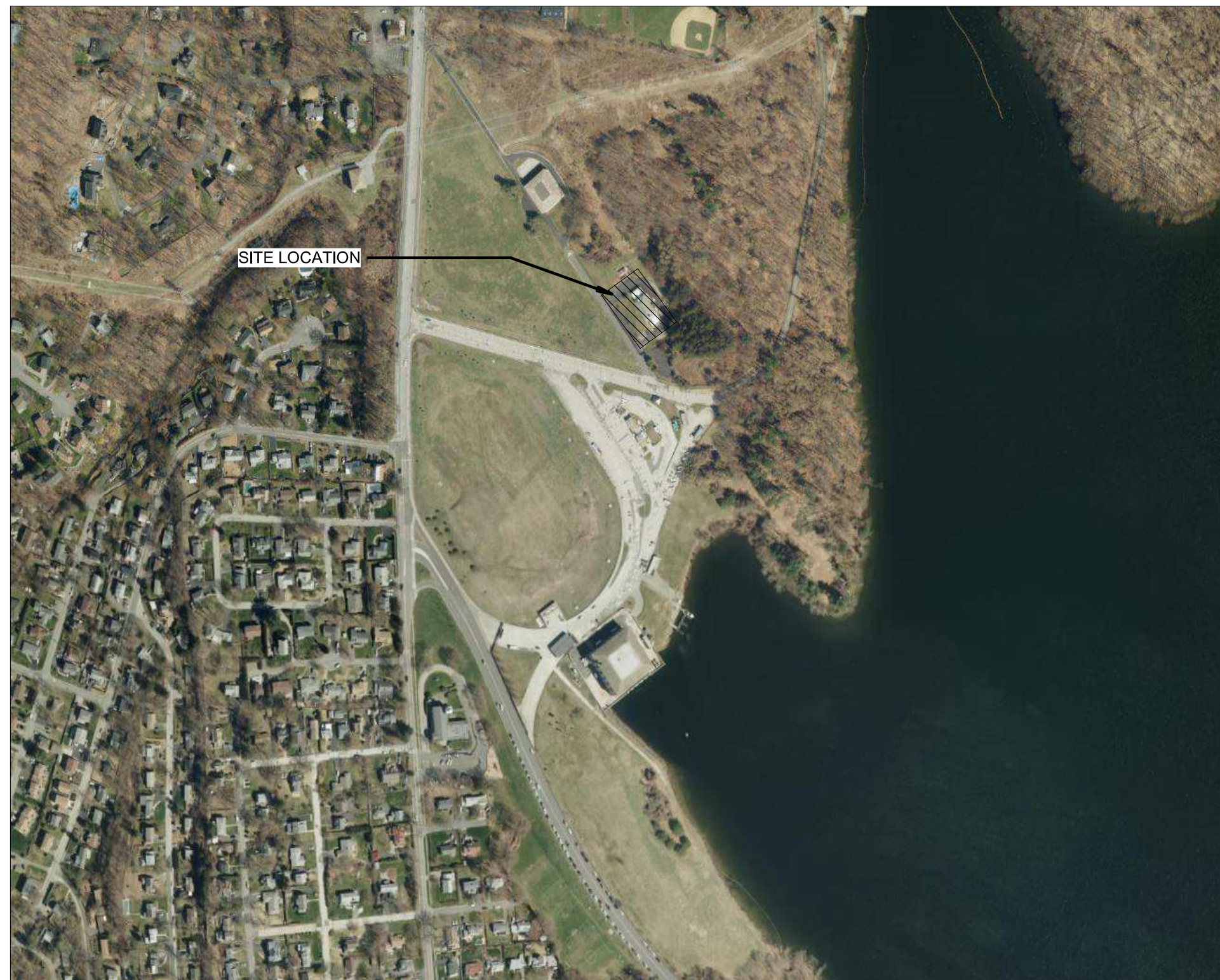


**NEW YORK CITY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY
DIVISION OF INFRASTRUCTURE DESIGN & CONSTRUCTION**

**CONTRACT NO. CRO-624G
TOWN OF MOUNT PLEASANT, NY**

**REPURPOSING OF THE
KENSICO LABORATORY
AS THE KENSICO
REGIONAL
HEADQUARTERS
MAY 2023**



KEY PLAN



LOCATION PLAN

APPROVED FOR THE CITY OF NEW YORK

**Todd A. West,
P.E., Director**

Digitally signed by Todd A. West,
P.E., Director
Date: 2023.05.04 11:45:47 -04'00'

**TODD WEST, P. E.
DIRECTOR - PLANNING
BUREAU OF WATER SUPPLY**

Paul V Rush

Digitally signed by Paul V Rush
Date: 2023.05.10 13:54:37
-04'00'

**PAUL V. RUSH, P.E.
DEPUTY COMMISSIONER
BUREAU OF WATER SUPPLY**

**Rohit T.
Aggarwala**

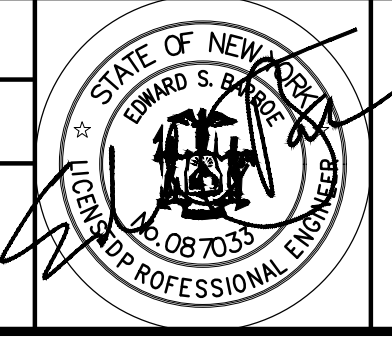

Digitally signed by Rohit T.
Aggarwala
Date: 2023.05.11 10:06:08 -04'00'

**ROHIT T. AGGARWALA
COMMISSIONER
NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION**

REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NY

SHEET NO.	DRAWING NO.	TITLE	SHEET NO.	DRAWING NO.	TITLE
<u>GENERAL</u>			<u>DEMOLITION</u>		
1	G-000	COVER SHEET	26	DG-100	CELLAR PHOTO KEY PLAN
2	G-001	SHEET INDEX	27	DG-101	FIRST FLOOR PHOTO KEY PLAN
3	G-002	SHEET INDEX	28	DG-102	SECOND FLOOR PHOTO KEY PLAN
			29	DG-103	ATTIC PHOTO KEY PLAN
			30	DG-104	CELLAR PHOTOS
			31	DG-105	FIRST FLOOR PHOTOS
			32	DG-106	SECOND FLOOR PHOTOS
			33	DG-107	ATTIC AND ROOF PHOTOS
4	GC-100	GENERAL NOTES, LEGEND, AND ABBREVIATIONS	34	DG-108	DEMOLITION PLAN - EXTERIOR PHOTOS
5	C-100	LOCATION PLAN	35	DG-109	EXISTING PLUMBING PLAN - CELLAR
6	C-101	EXISTING CONDITIONS PLAN	36	DG-110	EXISTING PLUMBING PLAN - FIRST FLOOR
7	DC-100	DEMOLITION PLAN	37	DG-111	EXISTING PLUMBING PLAN - SECOND FLOOR
8	C-102	SOIL EROSION AND SEDIMENT CONTROL PLAN	38	DG-112	EXISTING PLUMBING PLAN - ATTIC
9	C-103	SITE PLAN	39	DG-113	EXISTING HVAC PLAN - CELLAR
10	C-104	GRADING AND DRAINAGE PLAN	40	DG-114	EXISTING HVAC PLAN - FIRST FLOOR
11	C-105	DETAILS - 1	41	DG-115	EXISTING HVAC PLAN - SECOND FLOOR
12	C-106	DETAILS - 2	42	DG-116	EXISTING HVAC PLAN - ATTIC
13	C-107	DETAILS - 3	43	DG-117	EXISTING ELECTRICAL PLAN - CELLAR
14	C-108	DETAILS - 4	44	DG-118	EXISTING ELECTRICAL PLAN - FIRST FLOOR
15	C-109	DETAILS - 5	45	DG-119	EXISTING ELECTRICAL PLAN - SECOND FLOOR AND ATTIC
<u>LANDSCAPING</u>			<u>STRUCTURAL</u>		
16	GL-100	LANDSCAPE PLAN	46	GS-001	GENERAL NOTES, ABBREVIATIONS AND SYMBOLS
17	LS1-300	DETAILS	47	DS-100	FIRST FLOOR DEMOLITION PLAN
			48	DS-101	SECOND FLOOR DEMOLITION PLAN
			49	DS-300	DEMOLITION SECTIONS
			50	S-100	FOUNDATION PLAN
18	HZ-100	EXISTING CELLAR - DEMOLOTION PLAN	51	S-101	FIRST FLOOR OVERALL PLAN
19	HZ-101	EXISTING CELLAR - DEMOLOTION PLAN	52	S-102	SECOND FLOOR OVERALL PLAN
20	HZ-102	EXISTING FIRST FLOOR - DEMOLITION PLAN	53	S-300	SECTIONS
21	HZ-103	EXISTING FIRST FLOOR - DEMOLITION PLAN	54	S-301	SECTIONS
22	HZ-104	EXISTING FIRST FLOOR - DEMOLITION PLAN	55	S-400	ENLARGED PLANS
23	HZ-105	EXISTING SECOND FLOOR - DEMOLITION PLAN	56	S-500	REPAIR SCHEDULE AND DETAILS
24	HZ-106	EXISTING SECOND FLOOR - DEMOLITION PLAN	57	S-501	DETAILS
25	HZ-107	EXISTING ATTIC - DEMOLITION PLAN	58	S-502	DETAILS
			59	S-503	DETAILS

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	DESIGNED BY: M. LOPEZ CHECKED BY: E. BARBOE, P.E.	DRAWN BY: M. LOPEZ DESIGN LEAD: E. BARBOE, P.E.			ACCOUNTABLE MANAGER JOSE NIEVES PORTFOLIO MANAGER MARK DELBALZO, P.E.	<small>"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION. 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION. 7209.2."</small>	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dep	REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 GENERAL SHEET INDEX	DATE: MAY 2023 SCALE: SHEET NO: 2 OF No. 121 DRAWING NO. G-001
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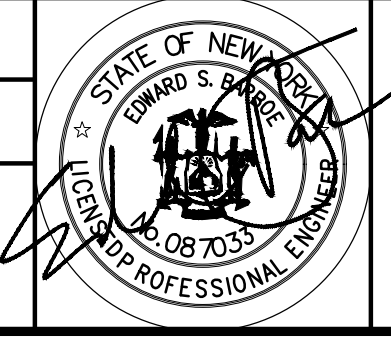


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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NY

SHEET NO.	DRAWING NO.	TITLE	SHEET NO.	DRAWING NO.	TITLE
<u>ARCHITECTURAL</u>			<u>ARCHITECTURAL</u>		
60	GA-001	GENERAL NOTES & SYMBOLS	99	A-551	CANOPY DETAILS
61	GA-002	ACCESSIBILITY DETAILS	100	A-552	CANOPY DETAILS
62	GA-003	CODE ANALYSIS	101	A-561	ROOFING DETAILS
63	DA-100	DEMOLITION PLAN - BASEMENT	102	A-601	PARTITION TYPES
64	DA-101	DEMOLITION PLAN - FIRST FLOOR	103	A-611	DOOR SCHEDULE AND DETAILS
65	DA-102	DEMOLITION PLAN - SECOND FLOOR	104	A-612	OVERHEAD DOOR DETAILS
66	DA-103	DEMOLITION PLAN - ATTIC	105	A-621	WINDOW SCHEDULE & DETAILS
67	DA-201	DEMOLITION ELEVATIONS	106	A-622	WINDOW DETAILS
68	DA-202	DEMOLITION ELEVATIONS	107	A-631	STOREFRONT DETAILS
69	A-100	CONSTRUCTION PLAN - CELLAR	108	A-632	STOREFRONT DETAILS
70	A-101	CONSTRUCTION PLAN - FIRST FLOOR	109	A-633	STOREFRONT DETAILS
71	A-102	CONSTRUCTION PLAN - SECOND FLOOR			
72	A-103	CONSTRUCTION PLAN - ATTIC	<u>MECHANICAL</u>		
73	A-104	CONSTRUCTION PLAN - ROOF			
74	A-110	REFLECTED CEILING PLAN - CELLAR	110	M-001	FOUNDATION PLAN
75	A-111	REFLECTED CEILING PLAN - FIRST FLOOR	111	M-002	PLAN AND SECTIONS
76	A-112	REFLECTED CEILING PLAN - SECOND FLOOR			
77	A-113	REFLECTED CEILING PLAN - ATTIC			
78	A-120	FINISH PLAN - FIRST FLOOR	<u>SECURITY</u>		
79	A-121	FINISH PLAN - SECOND FLOOR			
80	A-201	EXTERIOR ELEVATIONS	112	SC-100	TEMPORARY TRAILER PLAN
81	A-202	EXTERIOR ELEVATIONS	113	SC-101	BASEMENT PLAN
82	A-301	BUILDING SECTIONS	114	SC-102	FIRST FLOOR PLAN
83	A-302	BUILDING SECTIONS	115	SC-103	SECOND FLOOR PLAN
84	A-303	BUILDING SECTIONS	116	SC-104	RISER DIAGRAM 1
85	A-304	BUILDING SECTIONS	117	SC-105	RISER DIAGRAM 2
86	A-311	WALL SECTIONS	118	SC-106	OUTDOOR CCTV COVERAGE
87	A-401	ENLARGED KITCHEN PLANS, ELEVATIONS, AND DETAILS	119	SC-107	PANEL LAYOUTS
88	A-402	ENLARGED FIRST FLOOR TOILET ROOMS PLAN AND ELEVATIONS	120	SC-300	MOUNTING DETAILS 1
89	A-403	ENLARGED FIRST FLOOR TOILET ROOMS PLAN AND ELEVATIONS	121	SC-301	MOUNTING DETAILS 2
90	A-404	ENLARGED SECOND FLOOR TOILET ROOMS PLAN AND ELEVATIONS			
91	A-411	STAIR PLANS AND SECTIONS			
92	A-412	STAIR DETAILS			
93	A-501	PLAN DETAILS			
94	A-511	SIGNAGE DETAILS			
95	A-521	INTERIOR DETAILS			
96	A-522	FIRESTOPPING DETAILS			
97	A-531	CEILING DETAILS			
98	A-541	MASONRY RESTORATION DETAILS			

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	DESIGNED BY: M. LOPEZ	DRAWN BY: M. LOPEZ			ACCOUNTABLE MANAGER JOSE NIEVES	*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION. 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION. 7209.2.*	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dep	REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 GENERAL SHEET INDEX	DATE: MAY 2023 SCALE: SHEET NO: 3 OF No. 121 DRAWING NO. G-002
NO. DATE	REVISIONS/DESCRIPTION	APPR'D							

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LEGEND

EXISTING	
	CHAINLINK FENCE
	STOCKADE FENCE
	SPLIT RAIL FENCE
	BOTTOM OF CURB LINE
	TAX LOT LINE
	OVERHEAD UTILITY LINES
	SEWER LINE (OF RECORD)
	STORM DRAIN LINE
	WATER LINE (OF RECORD)
	WATER LINE (TONE OUT)
	GAS LINE (TONE OUT)
	BUILDING
	SAW CUT LINE
	LIMIT OF WORK
	ELEVATION
	TOP OF CURB ELEVATION
	BOTTOM OF CURB ELEVATION

* SEE INDIVIDUAL SHEETS FOR PROPOSED LEGEND ITEMS.

ABBREVIATIONS

ABANDONED	ABDN.
AHEAD	AH.
AMERICAN SOCIETY FOR TESTING AND MATERIALS	ASTM
AS ORDER BY THE ENGINEER	AOBE
ASPHALT	ASPH.
BACK	BK
BASE LINE	B.L.
BITUMINOUS	BIT.
BUILDING	BLDG.
BLOCK	BLK.
BOTTOM OF CURB	BC.
BOTTOM OF WALL	BW
BOTTOM OF SIDEWALK ELEVATION	BS
BRICK	BRK.
CATCH BASIN	CB.
CENTER LINE	C.L.
CENTER TO CENTER	C-C
CHAIN LINK FENCE	C.L.F.
CLEARANCE	CL.
CONCRETE	CONC.
CONCRETE SIDEWALK	C.S.W.
CONCRETE CURB	C.C.
DIAMETER	DIA.
DRAWING	DWG
DROP CURB	D.C.
DRYWELL	DW.
EAST	E
EDGE OF PAVEMENT	E.O.P.
ELEVATION	ELEV
ELECTRIC PULL BOX	EPB
EXISTING	EXIST.
FEET	FT
FIELD INLET	FI.
FRAME	FR.
GAS VALVE	GV
GROUND ELEVATION	GRD
HANDICAP	H.C.
HIGH-DENSITY POLYETHYLENE	HDPE
HORIZONTAL	HORIZ
INCH	IN
INVERT ELEVATION	INV.
LINEAR FEET	LF
LINEAR	LN
LONG	LG
MANHOLE	MH
MAXIMUM	MAX.
MINIMUM	MIN.
NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION	NYCDEP
NORTH	N
NOT TO SCALE	N.T.S.
ON CENTER	O.C.
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	OSHA
PAVEMENT	PAVT.
POUNDS	LB
POUNDS PER SQUARE INCH	PSI
RADIUS	R
RECYCLED CONCRETE AGGREGATE	RCA
REINFORCED CONCRETE PIPE	RCP
RIM ELEVATION	RIM.
ROADWAY	RDWY.
STONE UNDERDRAIN	S
SANITARY	SAN
SEWER	SWR.
SPECIFICATIONS	SPECS.
SQUARE	SQ
STANDARD	STD.
STORM WATER	ST.W.
TOP OF CURB	TC
TOP OF WALL	TW
TYPICAL	TYP.
UNKNOWN PULL BOXES	UPB
VACANT	VAC.
VARIES	VAR
VERIFY IN FIELD	VIF
VERTICAL	VERT
WATER VALVE	WV
WELDED WIRE FABRIC	WWF
WELDED WIRE MESH	WWM

GENERAL NOTES

- SELECT DEMOLITION AND SITE CLEARING INCLUDES BUT IS NOT LIMITED TO THE REMOVAL OF SIDEWALK, CURB, PAVEMENT, DRIVEWAYS, PIPE, MANHOLES, AND OTHER SUBSURFACE STRUCTURES, TREES, BRUSH, ROOTS, DEBRIS, VEGETATION, POLES AND ALL OTHER ITEMS REQUIRED TO CONSTRUCT THE PROJECT AND/OR AS SHOWN IN THE PLANS.
- UNCLASSIFIED EXCAVATION INCLUDES BUT IS NOT LIMITED TO EXCAVATION REQUIRED FOR SOIL RESTORATIONS, NEW MANHOLES, INLETS, OR DRAINAGE PIPES. ALL VOIDS CREATED BY THE REMOVAL OF EXISTING STORM DRAINS AND SUBSURFACE STRUCTURES SHALL BE BACKFILLED WITH SUITABLE UNCLASSIFIED EXCAVATION MATERIAL AS DIRECTED BY THE CLIENT. ALL EXCAVATION SHALL COMPLY WITH OSHA REQUIREMENTS. EXPLOSIVES SHALL NOT BE ALLOWED FOR ROCK EXCAVATION. SEE SPECIFICATIONS.
- LOCATIONS OF EXISTING UTILITIES AND SEWERS SHOWN ON THE PLANS WERE DETERMINED BY STANDARD SURVEYING METHODS. AVAILABLE RECORDS AND THROUGH SOLICITATION OF THE RESPECTIVE UTILITY OWNERS. THE INFORMATION FOR THE EXACT LOCATION OF THESE UTILITIES IS NOT GUARANTEED TO BE COMPLETE OR CORRECT. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL FIELD LAYOUT AND VERIFYING ALL EXISTING CONDITIONS IN THE FIELD.
- EXISTING DIMENSIONS, OFFSETS, INVERTS, RADII, ETC. SHALL BE VERIFIED IN THE FIELD PRIOR TO ANY CONSTRUCTION ACTIVITY. ANY DISCREPANCY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CLIENT FOR RESOLUTION. ALL NOTIFICATIONS SHALL BE IN WRITING.
- ALL GRADING SHALL BE AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL CAREFULLY DETERMINE ACTUAL GRADING LIMITS BEFORE BEGINNING DEMOLITION AND SITE CLEARING OPERATIONS. CARE SHALL BE TAKEN TO RETAIN EXISTING NATURAL GROWTH AND PREVENT DAMAGE TO TREES OUTSIDE THE PROJECT LIMITS. ANY DAMAGE CAUSED TO THIS NATURAL GROWTH SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE. ALL AREAS DISTURBED BY THE CONTRACTOR WITHOUT AUTHORIZATION BY THE CLIENT SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE.
- WHERE CONSTRUCTION CROSSES OR IS ADJACENT TO AN EXISTING ELECTRIC, GAS, COMMUNICATIONS, OR OTHER UTILITY LINE, THE CONTRACTOR SHALL CAREFULLY HAND EXCAVATE TO LOCATE, MARK AND PROTECT THE UTILITY LINE AGAINST DISTURBANCE OR DAMAGE BY PROVIDING ADEQUATE SUPPORT AND PROTECTION AS APPROVED BY THE CLIENT. THE CONTRACTOR SHALL REPAIR ANY ELECTRIC POWER INTERRUPTION IMMEDIATELY, AT NO ADDITIONAL COST TO NYCDEP.
- THE CONTRACTOR SHALL COORDINATE THE LOCATIONS OF TREES AND OTHER PLANTINGS AS TO NOT CONFLICT WITH DRAINAGE, INCLUDING UNDERGROUND DRAINAGE.
- THE CONTRACTOR SHALL RESTORE ALL PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD A CONDITION AS BEFORE BEING DISTURBED, AS DETERMINED BY THE CLIENT. ANY DAMAGED TREES, SHRUBS, AND/OR HEDGES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. NO WORK SHALL BE PERFORMED ON OTHER PROPERTIES AND BUILDINGS WITHOUT THE PROPER AUTHORIZATION.
- CONTRACTOR SHALL EXERCISE CARE TO MINIMIZE CLEARING. SPECIFIC TREES AND ITEMS TO BE CLEARED MUST BE APPROVED BY THE CLIENT PRIOR TO REMOVAL.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS FROM LOCAL, STATE AND FEDERAL AGENCIES, AS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, ETC.
- THE CONTRACTOR SHALL PROTECT EXISTING SURVEYING AND PROPERTY LINE MONUMENTATION. ANY EXISTING SURVEYING AND PROPERTY LINE MONUMENTATION THAT IS DISTURBED OR DESTROYED, AS JUDGED BY THE NYCDEP, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER THE SUPERVISION OF A NEW YORK STATE LICENSED LAND SURVEYOR.
- BEFORE PLANNING OR PROCEEDING WITH ANY EXCAVATION WORK, THE CONTRACTOR SHALL NOTIFY THE "CALL BEFORE YOU DIG" NUMBER AT 1-800-962-7962 A MINIMUM OF FIVE WORKING DAYS PRIOR TO ANY EXCAVATION OPERATIONS.
- ALL TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH THE LATEST REVISIONS OF NEW YORK STATE INDUSTRIAL CODE RULE 23 AND OSHA REGULATIONS FOR CONSTRUCTION AND IN ACCORDANCE WITH THE SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK, IF REQUIRED, IN ACCORDANCE WITH THE SOIL EROSION AND SEDIMENTATION CONTROL PLANS AND DETAILS.
- CONTRACTOR SHALL GRADE ALL AREAS ON THE SITE TO MAINTAIN POSITIVE DRAINAGE.
- ALL CONFINED SPACE ENTRIES SHALL BE MADE IN STRICT ACCORDANCE WITH OSHA REGULATIONS REGARDING CONFINED SPACE ENTRY.
- ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NYS DOT AND NYCDOT SPECIFICATIONS, AS THEY MAY APPLY.
- CONTRACTOR SHALL MAINTAIN PEDESTRIAN AND VEHICLE ACCESS TO THE SITE AT ALL TIMES IN A MANNER ACCEPTABLE TO THE CLIENT.
- CONTRACTOR SHALL TAKE GREAT CARE TO MAINTAIN A SAFE AND SECURE WORK AREA AT ALL TIMES THROUGH THE USE OF BARRICADES AND SAFETY FENCE.
- THE CONTRACTOR SHALL COMPLY WITH THE CONDITIONS AS SET FORTH IN THE PERMITS ISSUED BY THE REGULATORY AGENCIES, IF ANY.
- PROVIDE SPECIAL INSPECTIONS AS FOLLOWS AS PER TOWN OF MOUNT PLEASANT BUILDING DEPARTMENT REQUIREMENTS, SPECIFICATIONS AND INSTRUCTIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT AND OBTAIN THE NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES, EXCEPT FOR NYSDEC, SITE PLAN, & SPECIAL USE PERMIT. ALL COMMENTS RESULTING FROM A REVIEW BY SAID AGENCIES SHALL BE ADDRESSED BY THE CONTRACTOR AND NOT THE ENGINEER/DESIGNER.
- HORIZONTAL DATUM IS NAD-83 NEW YORK EAST ZONE 3101. VERTICAL DATUM IS NAVD 88, EXPRESSED IN US FEET.
- THE CONTRACTOR SHALL DO TEST PIT FOR UTILITY CONFLICTS PRIOR TO CONSTRUCTION ACTIVITIES.
- IF CONTRACTOR IDENTIFIES A BLACK TAR-LIKE MATERIAL NEAR THE EXISTING BUILDING DURING EXCAVATION IT SHALL BE CONSIDERED PRESUMED ASBESTOS-CONTAINING. REFER TO SPECIFICATIONS 01355 AND 13261 FOR TESTING AND DISPOSAL REQUIREMENTS.

BID SET

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: J. Causarano	DRAWN BY: C. DeBona
CHECKED BY: B. Mawhirter	DESIGN LEAD: EDWARD BARBOE, P.E.
<p>GEDEON GRC CONSULTING ENGINEERS • PLANNERS • CONSTRUCTION MANAGERS 8901 JERICHO TURNPIKE, SUITE 216 SYOSSET, N.Y. 11791</p>	

ACCOUNTABLE MANAGER
JOSE NIEVES

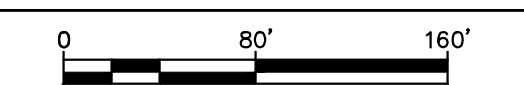
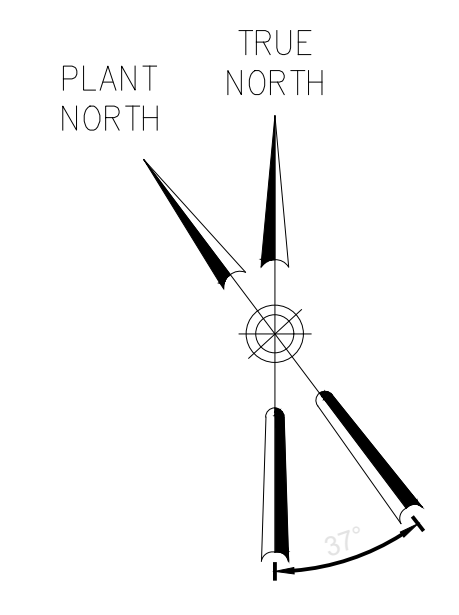
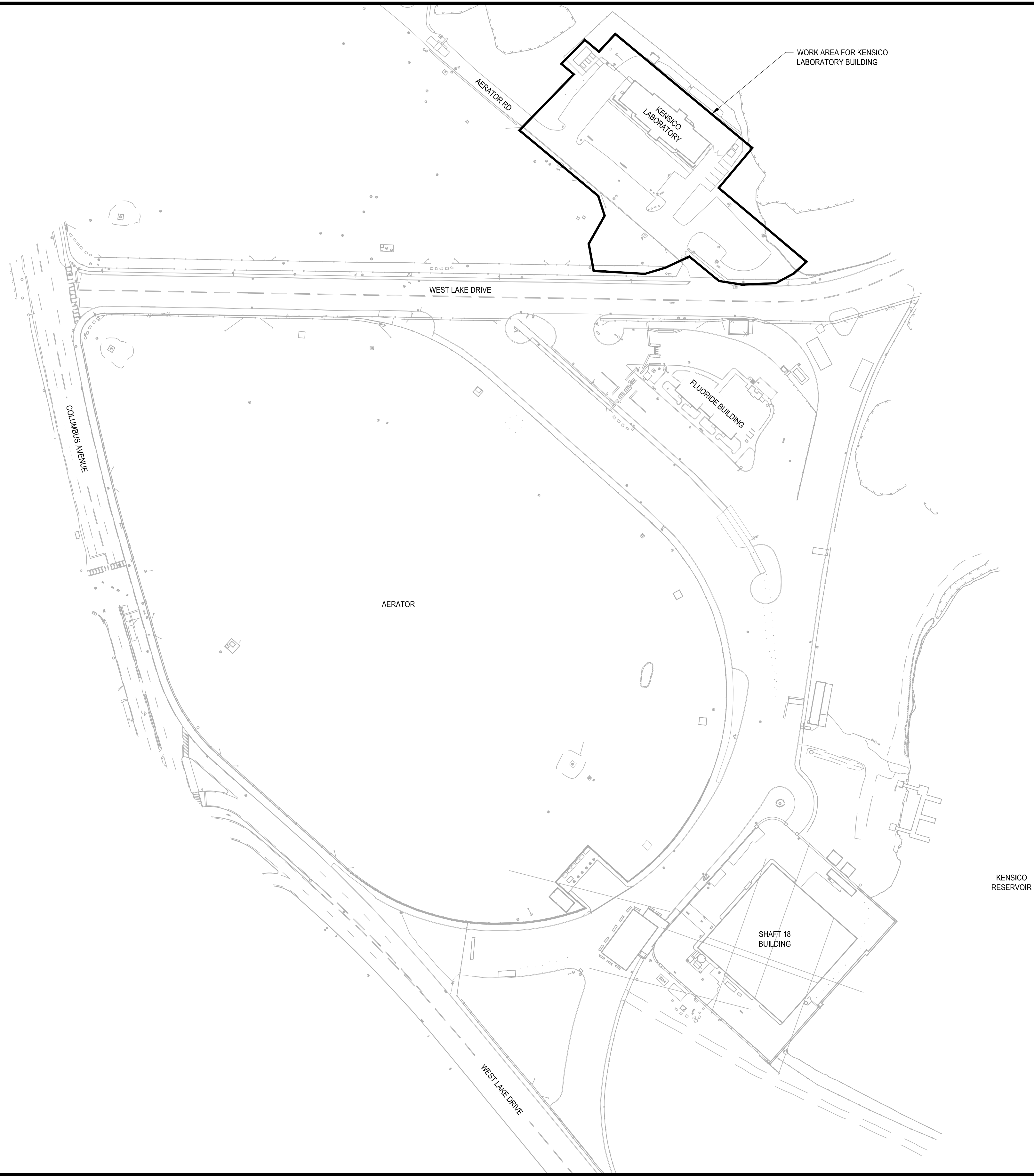
PROJECT MANAGER
MARK DELBALZO, P.E.

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NEW YORK CITY
ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY
465 COLUMBUS AVENUE, SUITE 270
VALHALLA, NEW YORK 10595-1336
www.nyc.gov/dcp

REPURPOSING OF KENSICO LABORATORY AS
 THE KENSICO REGIONAL HEADQUARTERS
 MOUNT PLEASANT, NEW YORK
 CONTRACT CRO-624
 CIVIL
 GENERAL NOTES, LEGEND, AND ABBREVIATIONS

DATE: MAY 2023
SCALE: NA
SHEET NO: 4 OF No. 121
DRAWING NO. GC-100



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BID SET	DATE: MAY 2023
	SCALE: 1" = 80'
REPURPOSING OF KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 CIVIL LOCATION PLAN	SHEET NO: 5 OF No. 121
	DRAWING NO.
	C-100

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
J. Causarano

DRAWN BY:
C. DeBona

CHECKED BY:
B. Mawhirter

DESIGN LEAD:
EDWARD BARBOE, P.E.

GEDEON GRC CONSULTING
ENGINEERS • PLANNERS • CONSTRUCTION MANAGERS
6901 JERICHO TURNPIKE, SUITE 216
SYOSSET, N.Y. 11791



ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

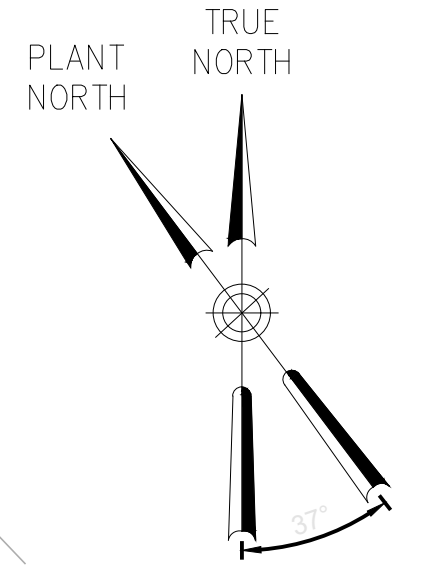
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CHECKED BY: B. Mawhirter	DESIGN LEAD: EDWARD BARBOE, P.E.

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ACCOUNTABLE MANAGER JOSE NIEVES	PROJECT MANAGER MARK DELBALZO, P.E.
------------------------------------	--

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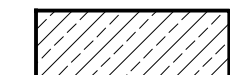



REPURPOSING OF KENSICO LABORATORY AS
 THE KENSICO REGIONAL HEADQUARTERS
 MOUNT PLEASANT, NEW YORK
 CONTRACT CRO-624
 CIVIL
 EXISTING CONDITIONS PLAN

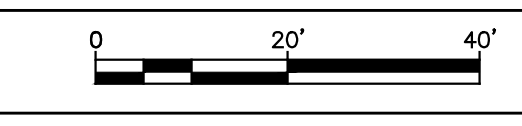
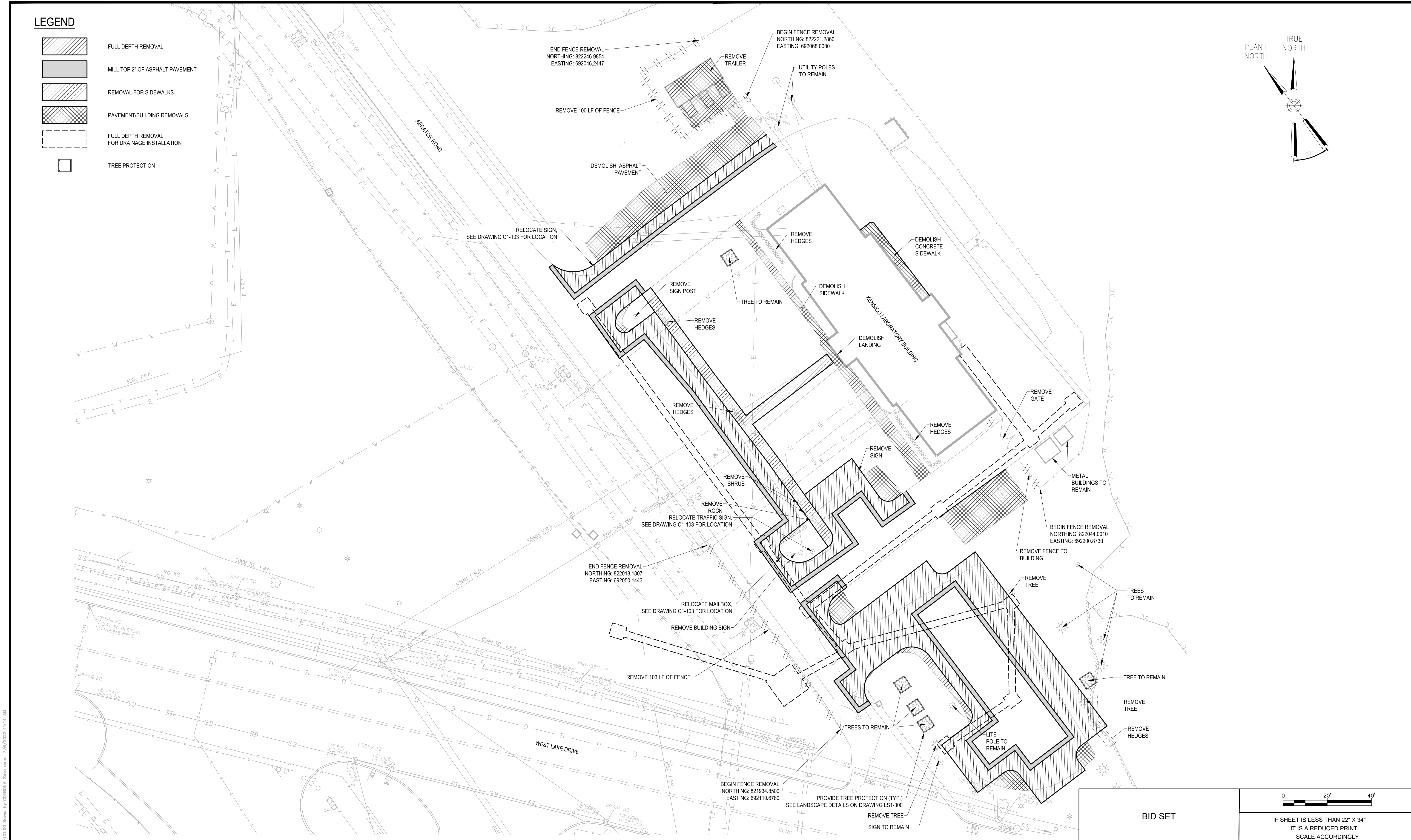
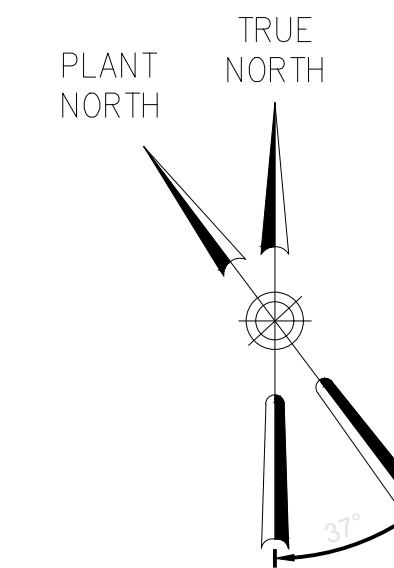
DATE: MAY 2023
SCALE: 1" = 20'
SHEET NO: 6 OF No. 121
DRAWING NO. C-101

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

File: C:\BMS\WORKING\010502\C1-10001_Sheet by CDEBONA. Save date: 7/6/2022 11:15 AM

LEGEND

-  FULL DEPTH REMOVAL
-  MILL TOP 2" OF ASPHALT PAVEMENT
-  REMOVAL FOR SIDEWALKS
-  PAVEMENT/BUILDING REMOVALS
-  FULL DEPTH REMOVAL FOR DRAINAGE INSTALLATION
-  TREE PROTECTION



BID SET

IF SHEET IS LESS THAN 22" X 34"
IT IS A REDUCED PRINT.
SCALE ACCORDINGLY

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
J. Causarano

CHECKED BY:
B. Mawhirter

DRAWN BY:
C. DeBona

DESIGN LEAD:
EDWARD BARBOE, P.E.

GEDEON GRC CONSULTING
ENGINEERS • PLANNERS • CONSTRUCTION MANAGERS
6901 JERICHO TURNPIKE, SUITE 216
SYOSSET, N.Y. 11791



ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

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REPURPOSING OF KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

CIVIL
DEMOLITION PLAN

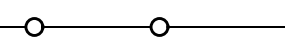


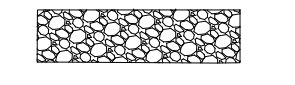

DATE: MAY 2023
SCALE: 1" = 20'
SHEET NO:
7 OF No. 121
DRAWING NO.
DC-100

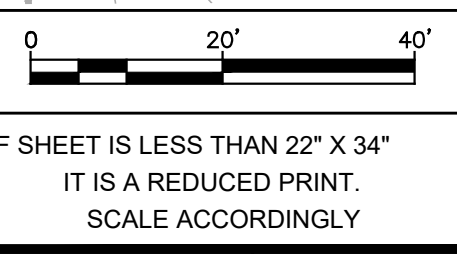
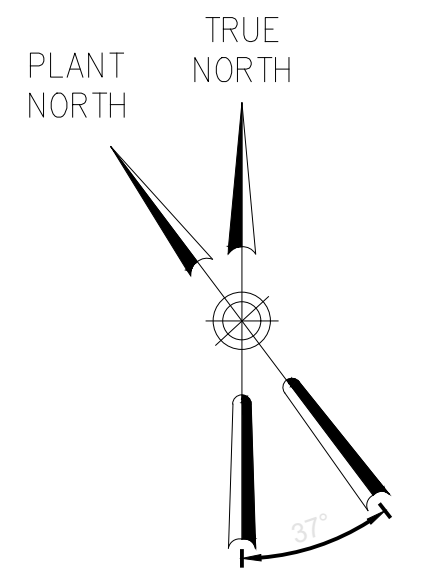
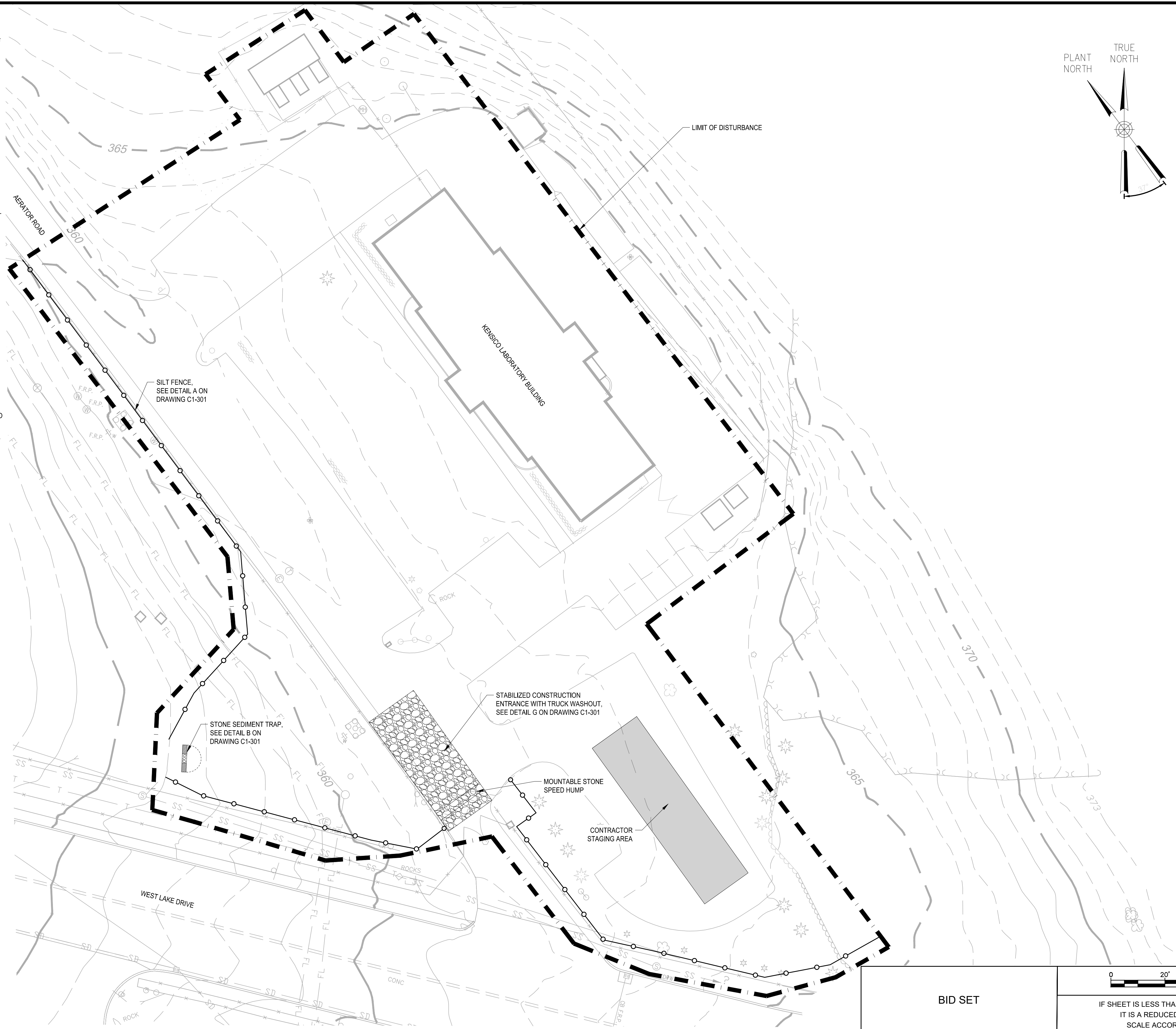
All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

SOIL EROSION & SEDIMENT CONTROL NOTES

1. DUE TO CONSTRUCTION AND DEMOLITION PHASES REQUIRED BY THIS CONTRACT, IT IS ANTICIPATED THAT THE LOCATION AND NATURE OF EROSION AND SEDIMENT CONTROL MEASURES WILL BE ADJUSTED AS REQUIRED TO REFLECT THE CURRENT PHASE OF WORK. THE CONSTRUCTION SCHEDULE ADOPTED BY THE CONTRACTOR WILL IMPACT ON THE PLACEMENT AND NEED FOR SPECIFIC DEVICES REQUIRED FOR THE CONTROL OF EROSION. THE LOCATION AND EXTENT OF EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REVISED AT EACH PHASE OF CONSTRUCTION THAT RESULTS IN A CHANGE OF EITHER THE QUANTITY OR DIRECTION OF THE SURFACE RUNOFF FROM THE CONSTRUCTION AREAS.
2. NO CONSTRUCTION OR LAND DISTURBANCE ACTIVITY MAY BEGIN UNTIL ALL PERIMETER EROSION CONTROL MEASURES HAVE BEEN INSTALLED AS SHOWN ON THE CONTRACT DRAWINGS. MEASURES SHALL INCLUDE BUT NOT LIMITED TO TEMPORARY DIVERSION SWALES, SILT FENCING, CATCH BASIN PROTECTION AND STABILIZED CONSTRUCTION ENTRANCE. IF CLEARING IS REQUIRED FOR INSTALLATION OF A PARTICULAR MEASURE, ALL MEASURES NOT REQUIRING CLEARING SHALL BE INSTALLED FIRST. CLEARING OF THE NECESSARY LAND FOR INSTALLATION OF THE PARTICULAR MEASURE MAY THEN PROCEED.
3. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE OR AS SOON AS PRACTICABLE AFTER ANY LAND CLEARING OR CONSTRUCTION ACTIVITY.
4. CLEARING AND PAVEMENT DEMOLITION SHALL BE LIMITED AS MUCH AS POSSIBLE TO AREAS REQUIRED FOR CURRENT CONSTRUCTION ACTIVITIES. MASS CLEARING, GRADING AND PAVEMENT DEMOLITION SHALL BE AVOIDED.
5. ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT THE DEPOSITION OF MATERIALS ONTO TRAVERSED PUBLIC THOROUGHFARE(S) BY INSTALLING AND MAINTAINING A STABILIZED CONSTRUCTION ENTRANCE AND BY WASHING ALL VEHICLES WHEELS IN A SAFE DISPOSAL AREA. ALL MATERIALS DEPOSITED ONTO PUBLIC THOROUGHFARE(S) SHALL BE REMOVED IMMEDIATELY. PROPER PRECAUTIONS SHALL BE TAKEN TO ENSURE THAT MATERIALS DEPOSITED ONTO PUBLIC THOROUGHFARE(S) ARE REMOVED SO THAT THEY DO NOT ENTER CATCH BASINS, STORM SEWERS, COMBINED SEWERS OR ROADSIDE SWALES.
6. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED FOLLOWING EVERY RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK.
7. CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY AS REQUIRED TO MAINTAIN PERFORMANCE OF MEASURE. REMOVED SEDIMENTS SHALL BE DISPOSED OF IN SUCH A MANNER AS TO ENSURE FURTHER SEDIMENT TRANSPORT DOES NOT OCCUR.
8. THE CONTRACTOR SHALL INITIATE STABILIZATION MEASURES AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. THIS REQUIREMENT DOES NOT APPLY IN THE FOLLOWING INSTANCES:
 - A. THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - B. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN FOURTEEN (14) DAYS, TEMPORARY STABILIZATION MEASURES NEED NOT BE INITIATED ON THAT PORTION OF THE SITE.
9. ALL AREAS SHALL BE FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS, AND RE-SEEDED AS NECESSARY TO ESTABLISH AND MAINTAIN A VIGOROUS DENSE VEGETATIVE COVER.
10. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE 'NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL' 2016, OR LATEST EDITION AND IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
11. THE CONTRACTOR SHALL TEMPORARILY REMOVE AND REPLACE REQUIRED SECTION OF FENCE DURING PROXIMITY EXCAVATION.
12. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL PROTECTION AGAINST SILT ACCUMULATION ON EXISTING DRAINAGE.
13. THE CONTRACTOR SHALL PROVIDE ADJUSTABLE CATCH BASIN DRAIN INSERTS ON THE AFFECTED CATCH BASIN SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER.
14. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED.
15. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
16. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.
17. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
18. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL.
19. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH SPECIFICATIONS, LOCAL REQUIREMENTS OR CODES.
20. ALL FILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
21. FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
22. FROZEN MATERIALS OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS.
23. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
24. ALL GRADE BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
25. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
26. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
27. STOCKPILES, BORROW AREAS AND SPOIL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF NYSDEC STANDARDS AND SPECIFICATIONS.

LEGEND

	SILT FENCE
	LIMIT OF DISTURBANCE
	SEDIMENT TRAP
	STABILIZED CONSTRUCTION ENTRANCE WITH TRUCK WASHOUT
	CONTRACTOR STAGING AREA



NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
J. Causarano

CHECKED BY:
B. Mawhirter

DRAWN BY:
C. DeBona

DESIGN LEAD:
EDWARD BARBOE, P.E.

GEODEON GRC CONSULTING
ENGINEERS • PLANNERS • CONSTRUCTION MANAGERS
6901 JERICHO TURNPIKE, SUITE 216
SYOSSET, N.Y. 11791



ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

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BID SET

REPURPOSING OF KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624

CIVIL SOIL EROSION AND SEDIMENT CONTROL PLAN

DATE: MAY 2023
SCALE: 1" = 20'
SHEET NO: 8 OF No. 121
DRAWING NO: C-102

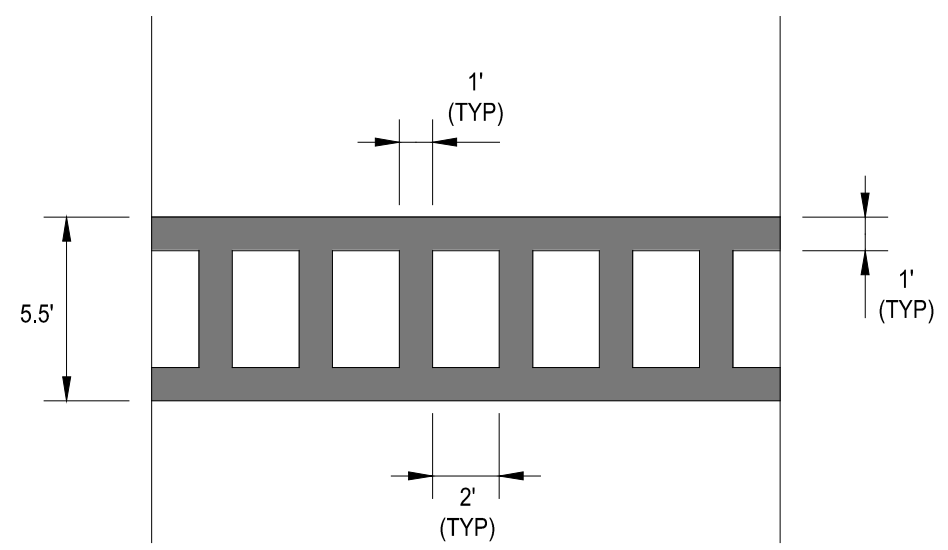
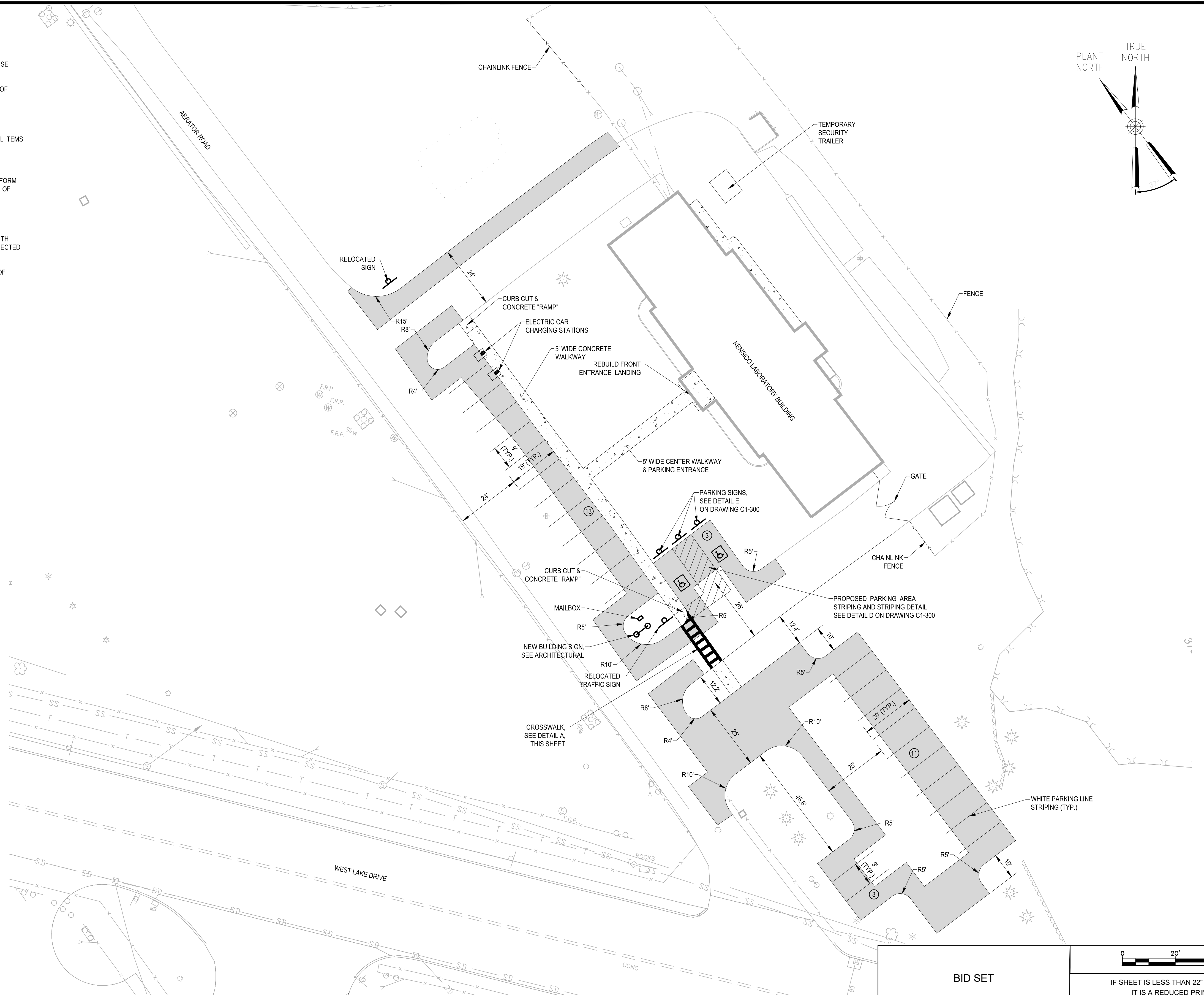
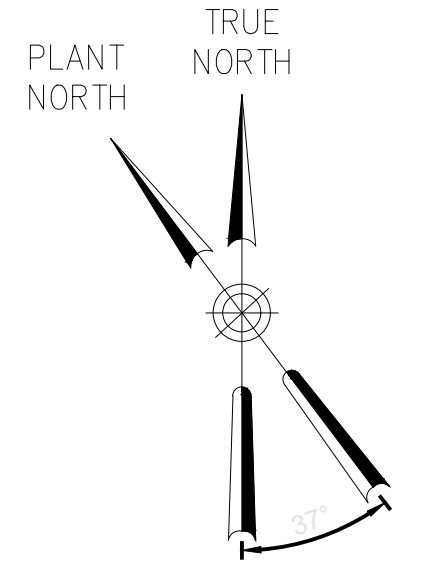
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NOTES

- CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES.
- CONTRACTOR TO SUBMIT WORK SCHEDULE TO NYCDEP (15) DAYS PRIOR TO COMMENCEMENT OF WORK, UNLESS OTHERWISE STATED BY NYCDEP IN WRITING.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SITE FOR SAFETY AND SECURITY ISSUES PRIOR TO COMMENCEMENT OF WORK.
- ALL WORK PERFORMED TO BE IN ACCORDANCE WITH FEDERAL, STATE, COUNTY, AND LOCAL GOVERNING AUTHORITY REGULATIONS AND TO THE SATISFACTION OF NYCDEP.
- CONTRACTORS TO VERIFY WITH NYCDEP ALL ITEMS TO BE REMOVED PRIOR TO COMMENCEMENT OF WORK, AS WELL AS ALL ITEMS TO BE STOCKPILED FOR NYCDEP.
- ALL EXPANSION JOINTS FOR CONCRETE TO MEET NYCDEP SPECIFICATIONS.
- ALL WORK IN THE PUBLIC ROW, INCLUDING ALL CONCRETE CURBING, SIDEWALKS AND DRAINAGE STRUCTURES SHALL CONFORM TO TOWN OF MOUNT PLEASANT PLANNING BOARD AND ENGINEERING STANDARD DETAILS AND SPECIFICATIONS. THE TOWN OF MOUNT PLEASANT DEPARTMENT OF BUILDING SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF ALL CONSTRUCTION.
- LOCATION AND GRADES FOR CURBS AND WALKS TO BE VERIFIED WITH THE TOWN OF MOUNT PLEASANT OR WESTCHESTER COUNTY PRIOR TO CONSTRUCTION.
- ALL TRAFFIC CONTROL DEVICES, i.e. SIGNALS, SIGNS AND PAVEMENT MARKINGS SHALL BE INSTALLED IN CONFORMANCE WITH GUIDELINES OF THE FEDERAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND N.Y.S.D.O.T. SUPPLEMENT AND AS DIRECTED BY THE N.Y.S.D.O.T., DIVISION OF TRAFFIC SAFETY.
- PRIOR TO STARTING ANY WORK AT THIS LOCATION THE CONTRACTOR SHALL NOTIFY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION THAT A TONE-OUT OF SIGNAL EQUIPMENT IS NEEDED.

LEGEND

- SIDEWALK
- RAMP
- RELOCATED SIGNS
- PROPOSED H.C. SIGS
- PARKING COUNT NO.
- NEW ELECTRIC CAR CHARGING STATION
- EDGE OF PAVEMENT
- RELOCATED MAILBOX
- PAVING LIMITS



A CROSSWALK DETAIL
NOT TO SCALE

0 20' 40'

IF SHEET IS LESS THAN 22" X 34"
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SCALE ACCORDINGLY

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
J. Causarano

CHECKED BY:
B. Mawhirter

DRAWN BY:
C. DeBona

DESIGN LEAD:
EDWARD BARBOE, P.E.

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BID SET

REPURPOSING OF KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

CIVIL
SITE PLAN

DATE: MAY 2023







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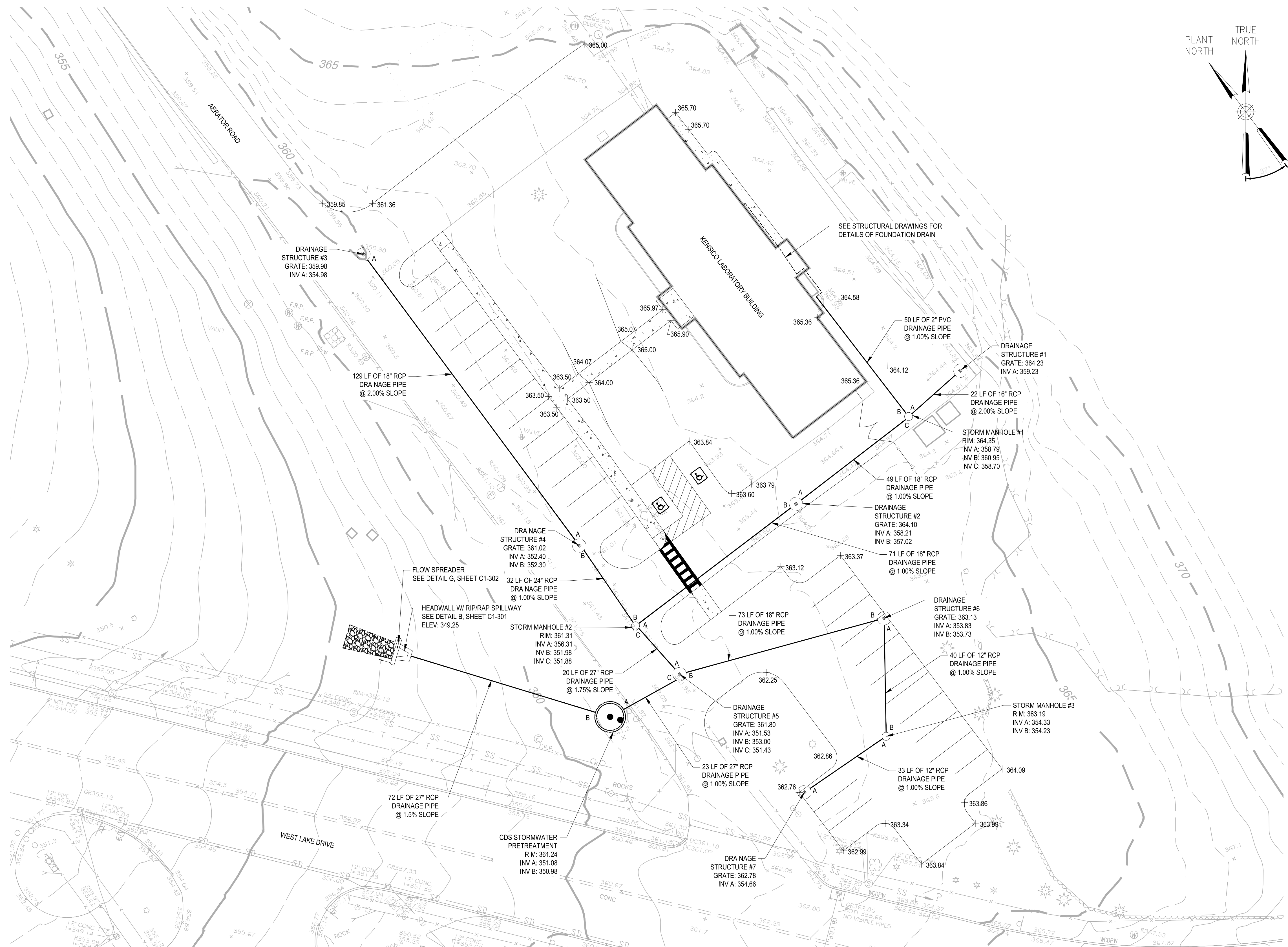
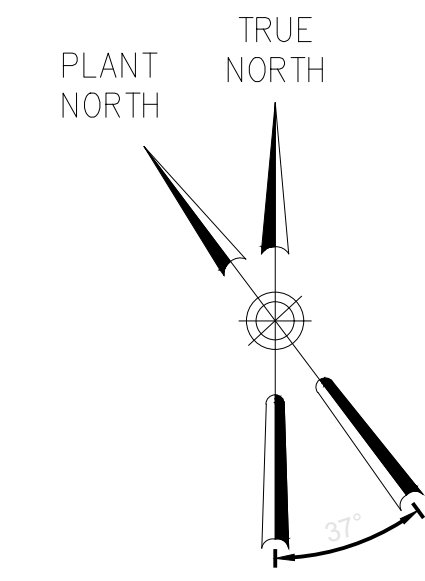
SHEET NO:
9 OF No. 121


DRAWING NO.
C-103

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LEGEND

-  PROPOSED CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  CATCH BASIN DRAINAGE STRUCTURE
-  HEADWALL W/ RIP/RAP SPILLWAY
-  STORM MANHOLE



BID SET	 <p>IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY.</p>
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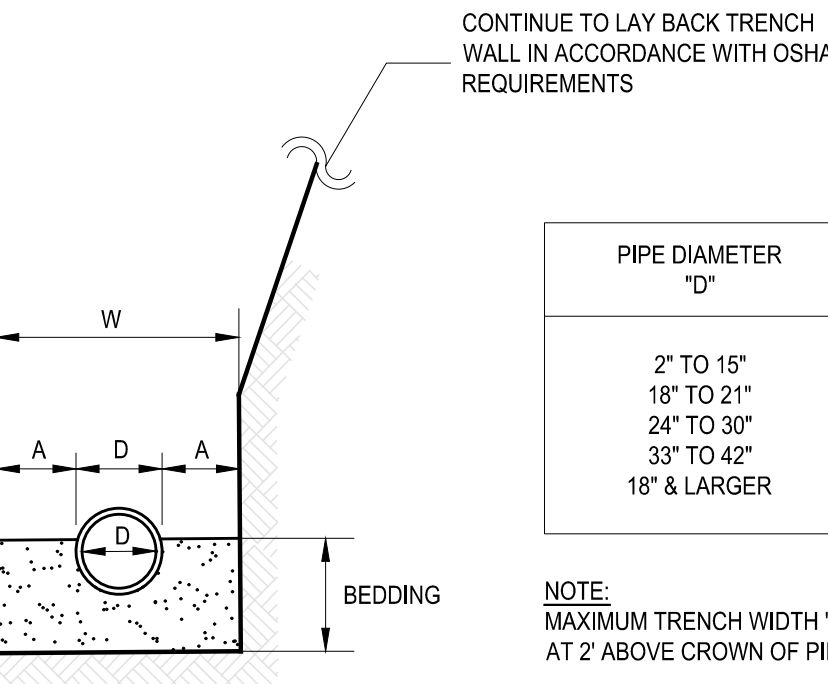
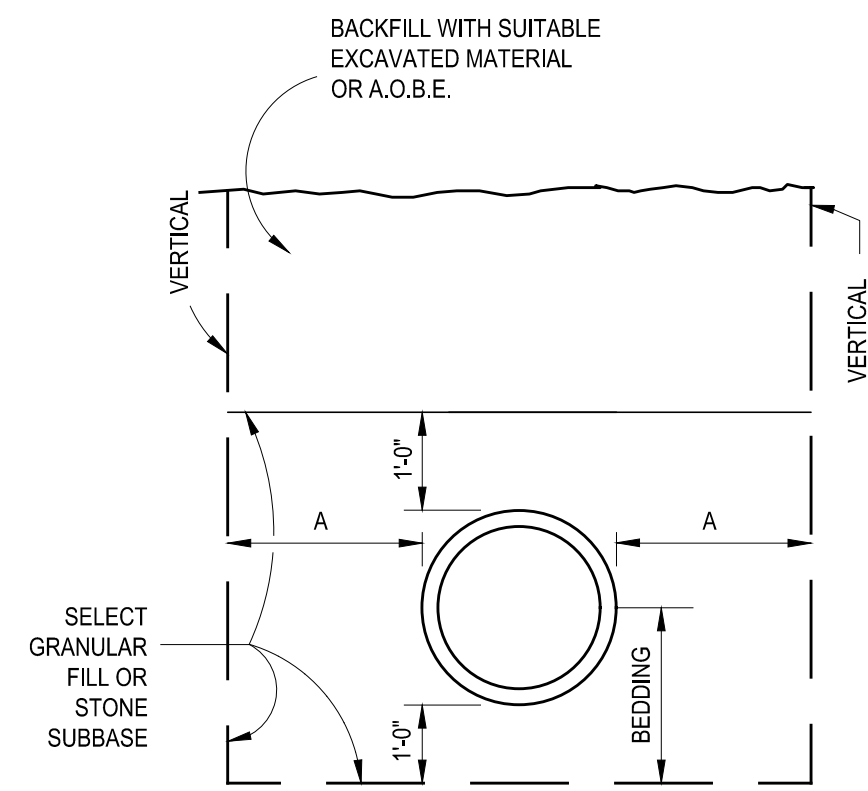
NEW YORK CITY
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465 COLUMBUS AVENUE, SUITE 270
VALHALLA, NEW YORK 10595-1336
www.nyc.gov/dep

REPURPOSING OF KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

CIVIL
GRADING AND DRAINAGE PLAN

DATE: MAY 2023
SCALE: 1" = 50'
SHEET NO:
10 OF No. 121
DRAWING NO.
C-104

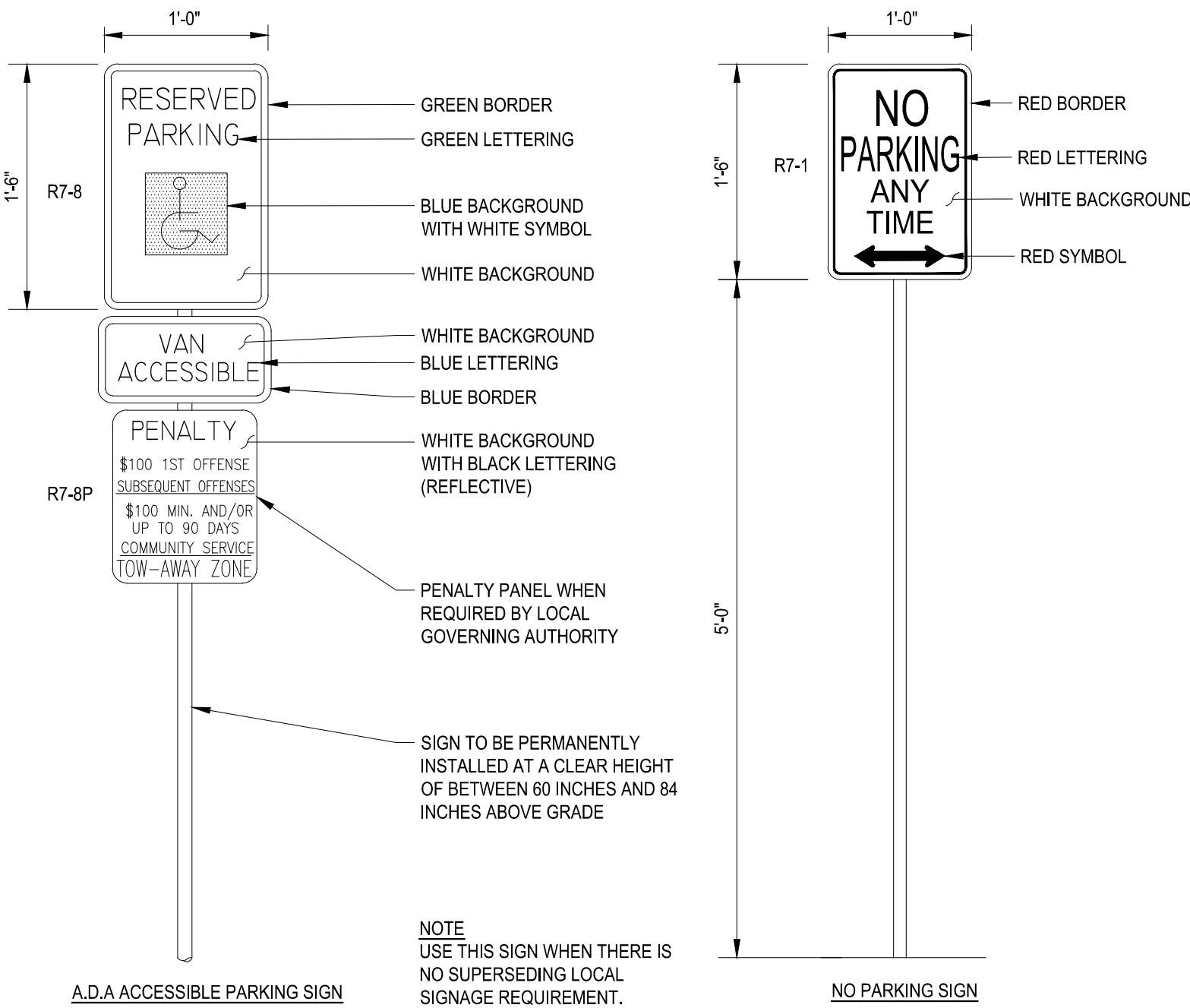
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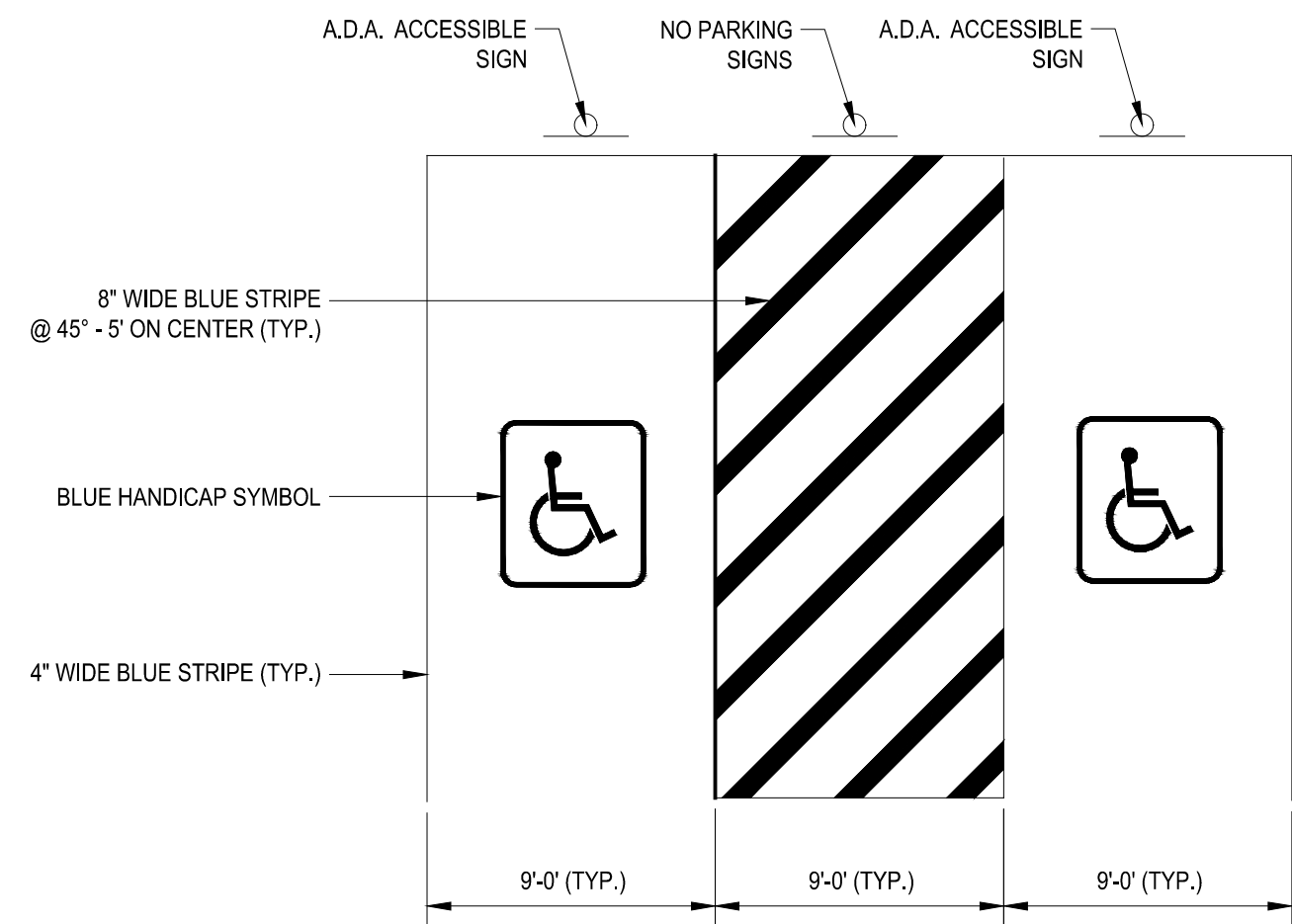
PIPE DIAMETER "D"	MAX "A"
2" TO 15"	8"
18" TO 21"	10"
24" TO 30"	12"
33" TO 42"	15"
18" & LARGER	15"

NOTE:
MAXIMUM TRENCH WIDTH "W" TAKEN AT 2' ABOVE CROWN OF PIPE

A TRENCH DETAIL
- NOT TO SCALE



E PARKING AREA STRIPING AND ALIGNMENT DETAIL
- NOT TO SCALE

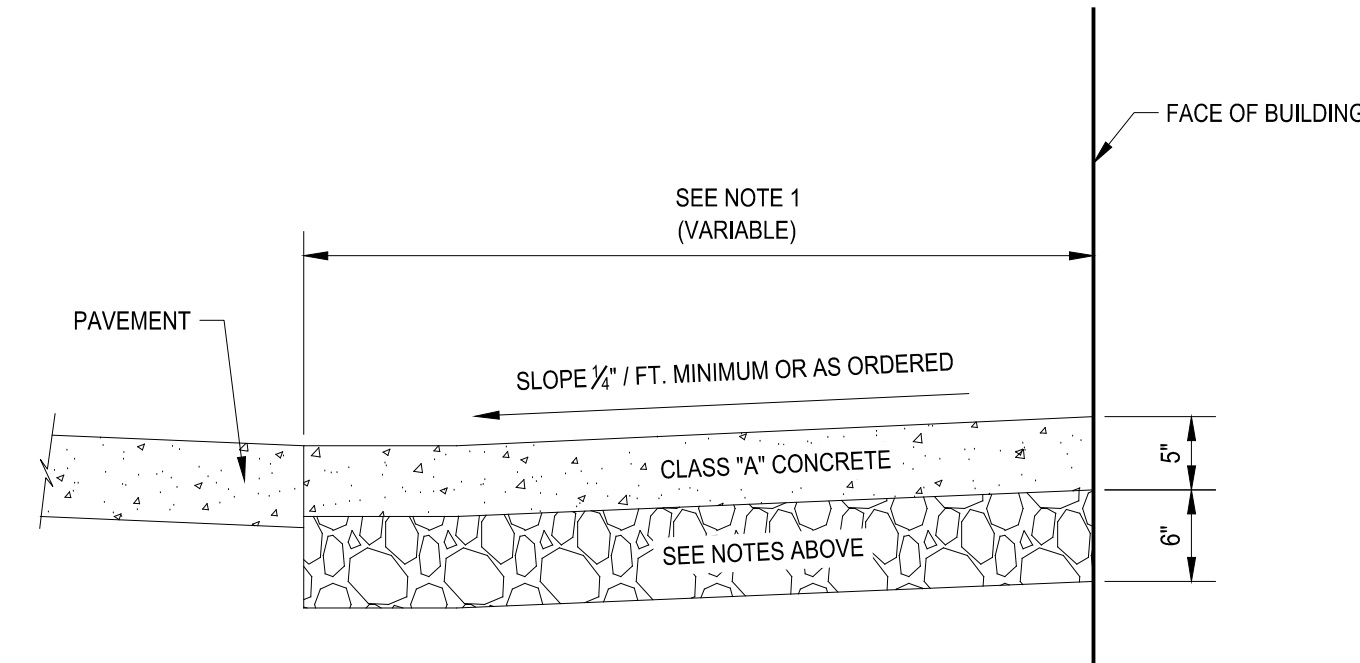


NOTE
1. HANDICAP PARKING STALLS AND LOADING AREA SHALL BE IN FULL COMPLIANCE WITH THE "AMERICANS WITH DISABILITIES ACT" PUBLIC LAW 101-336, EFFECTIVE JAN. 26, 1992 OR LATEST VERSION OF GUIDANCE.

D PARKING AREA STRIPING AND ALIGNMENT DETAIL
- NOT TO SCALE

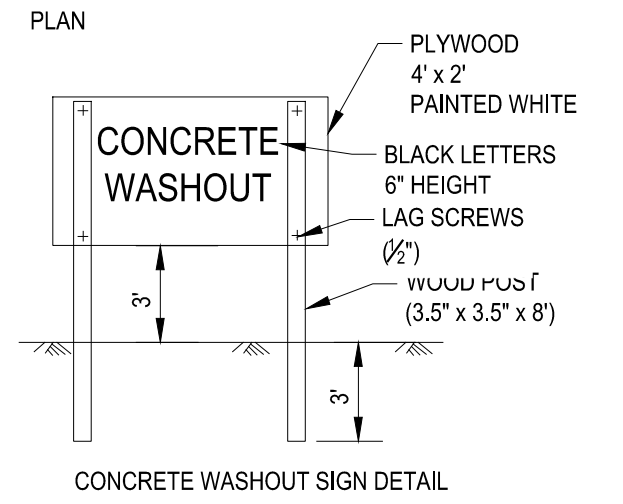
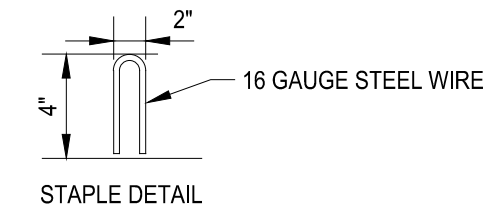
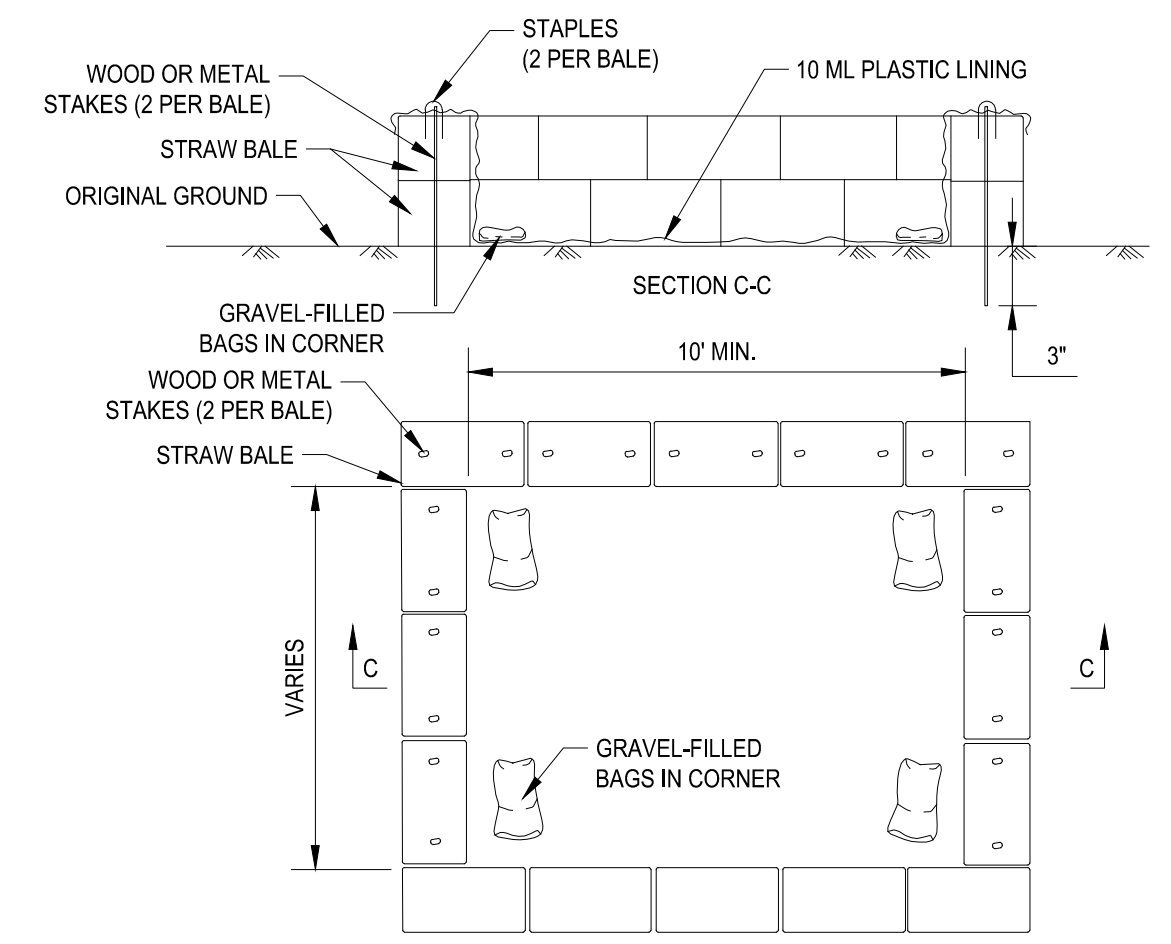
NOTES

1. SIDEWALKS WIDER THAN 4'-0" OR AS DIRECTED SHALL BE REINFORCED WITH EPOXY COATED WELDED WIRE FABRIC 10 GA. 6" x 6" W1.4.
2. ALL CONCRETE SIDEWALKS SHALL HAVE A BROOM FINISH WITH SCORES AT 5'-0".
3. IMMEDIATELY AFTER FINISHING THE CONCRETE, THE CONTRACTOR SHALL APPLY AN APPROVED CURING MATERIAL. THE CONTRACTOR SHALL SPRAY TWO (2) COATS AT COMBINED COVERAGE OF 250 SQUARE FEET PER GALLON, OR ROLL ONE (1) COAST AT THE RATE 250 SQUARE FEET PER GALLON AND IN A MANNER ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
4. THE BASE COURSE SHALL CONSIST OF COMPACTED 3/4" CRUSHED STONE.

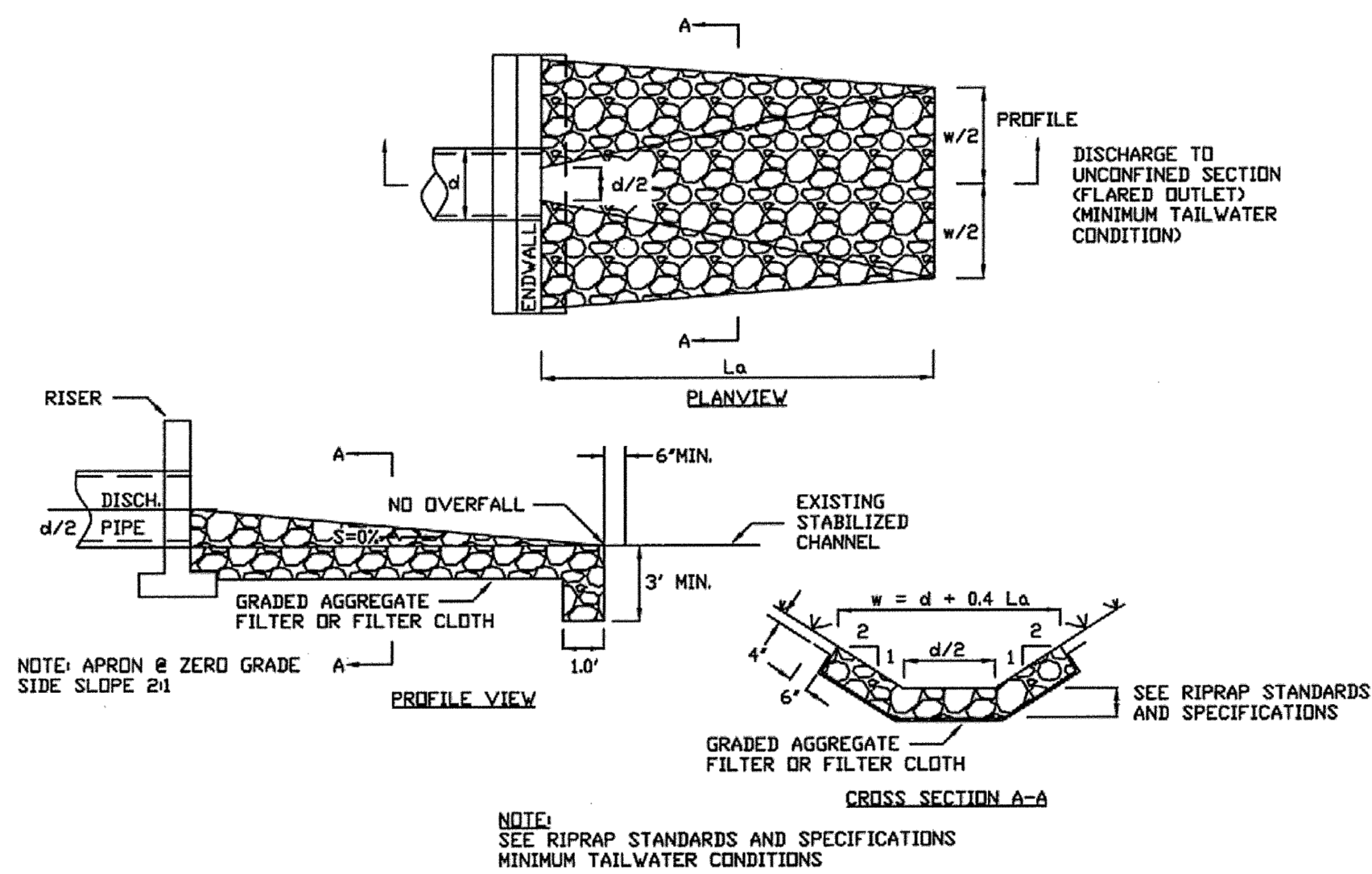


1/2" PREMOLD EXPANSION JOINT TO BE SET 1/2" BELOW SURFACE OF WALK AND 10'-0" ON CENTER TRANSVERSE EXPANSION JOINT 10'-0" ON CENTER AS DIRECTED.

H CONCRETE SIDEWALK
- NOT TO SCALE



H CONCRETE WASHOUT
- NOT TO SCALE



NOTE:
SEE RIPRAP STANDARDS AND SPECIFICATIONS MINIMUM TAILWATER CONDITIONS

J RIPRAP OUTLET PROTECTION
- NOT TO SCALE

BID SET

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CHECKED BY: B. Mawhirter	DESIGN LEAD: EDWARD BARBOE, P.E.
GEDEON GRC CONSULTING ENGINEERS • PLANNERS • CONSTRUCTION MANAGERS 6901 JERICHO TURNPIKE, SUITE 216 SYOSSET, N.Y. 11791	

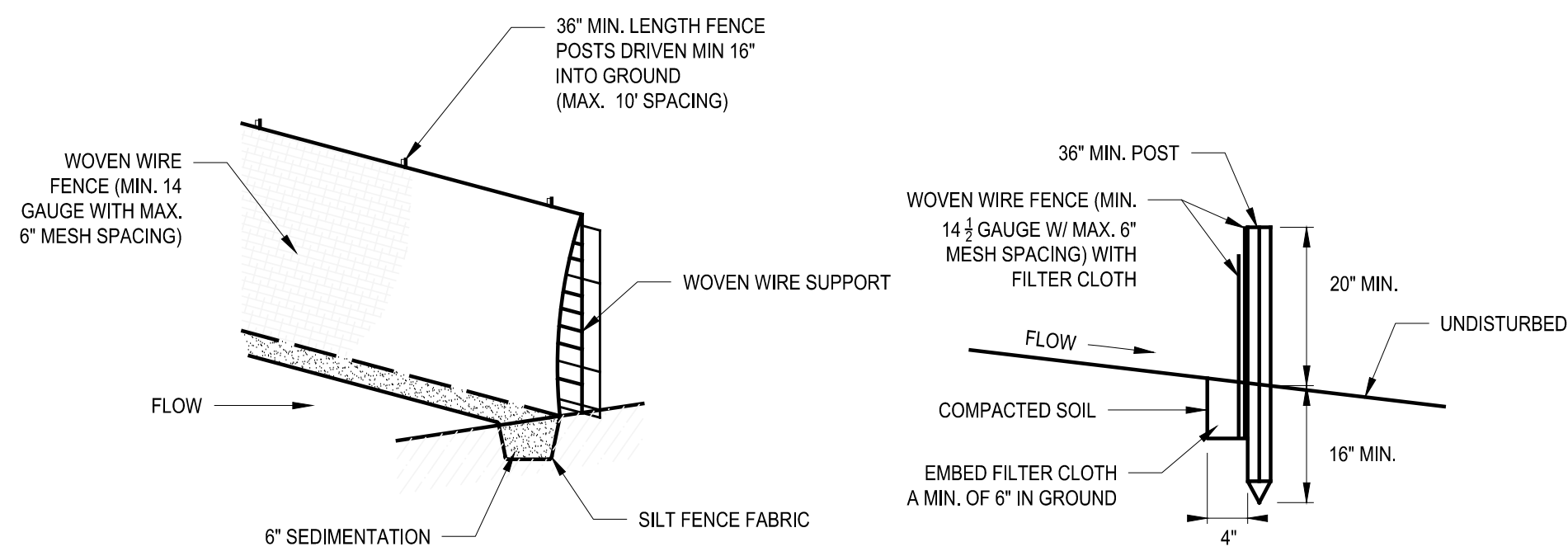


ACCOUNTABLE MANAGER JOSE NIEVES
PROJECT MANAGER MARK DELBALZO, P.E.

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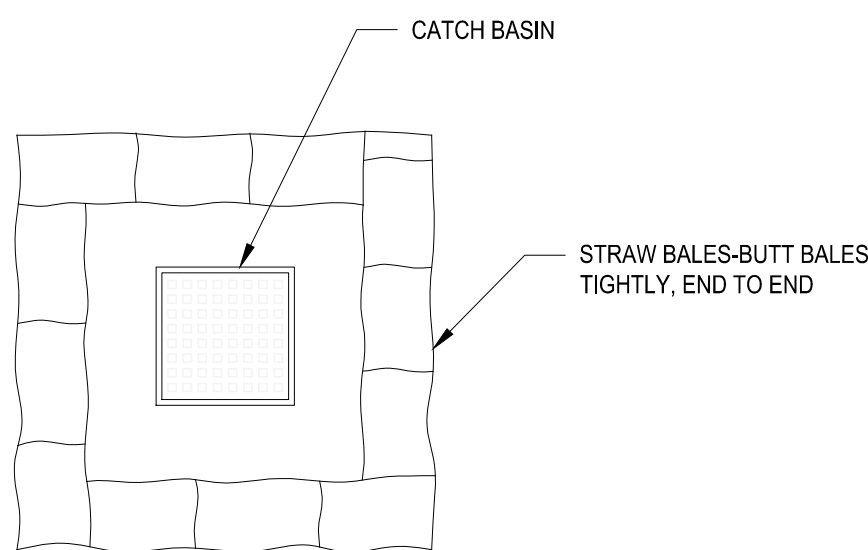
REPURPOSING OF KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023
CIVIL DETAILS - 1	SCALE: N.T.S.
	SHEET NO: 11 OF No.121
	DRAWING NO. C-105



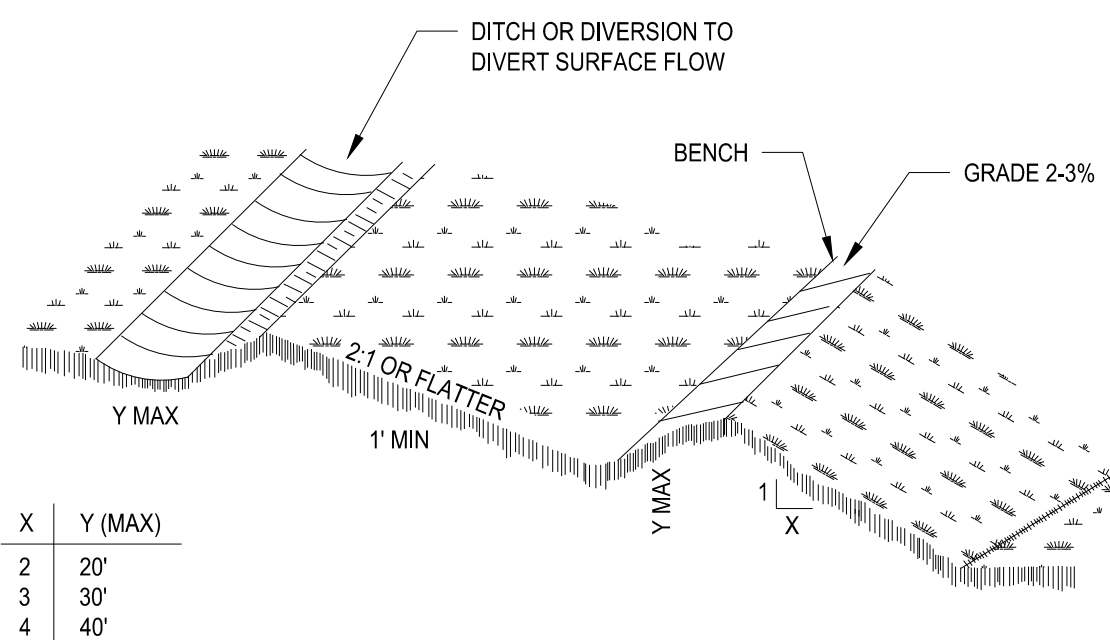
GENERAL NOTES

- STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT
- THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW.
- THE TRENCH SHALL BE A MINIMUM OF 6" DEEP AND 3" - 4" WIDE TO ALLOW FOR THE SILT FENCE TO BE LAID IN THE GROUND AND BACKFILLED.
- SILT FENCE SHALL BE SECURELY FASTENED TO EACH STEEL SUPPORT POST AND TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POSTS.
- INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED, AS ORDERED BY THE CONSTRUCTION MANAGER.
- SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS, SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
- SEDIMENT TRAPPED BY THIS PRACTICE SHALL BE LEGALLY DISPOSED OF IN AN APPROVED SITE IN A MANNER THAT SHALL NOT CONTRIBUTE TO ADDITIONAL SILTATION.
- ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6" AND LEGALLY DISPOSED OF IN AN APPROVED SOIL SITE OR AS IN NOTE 7 ABOVE.

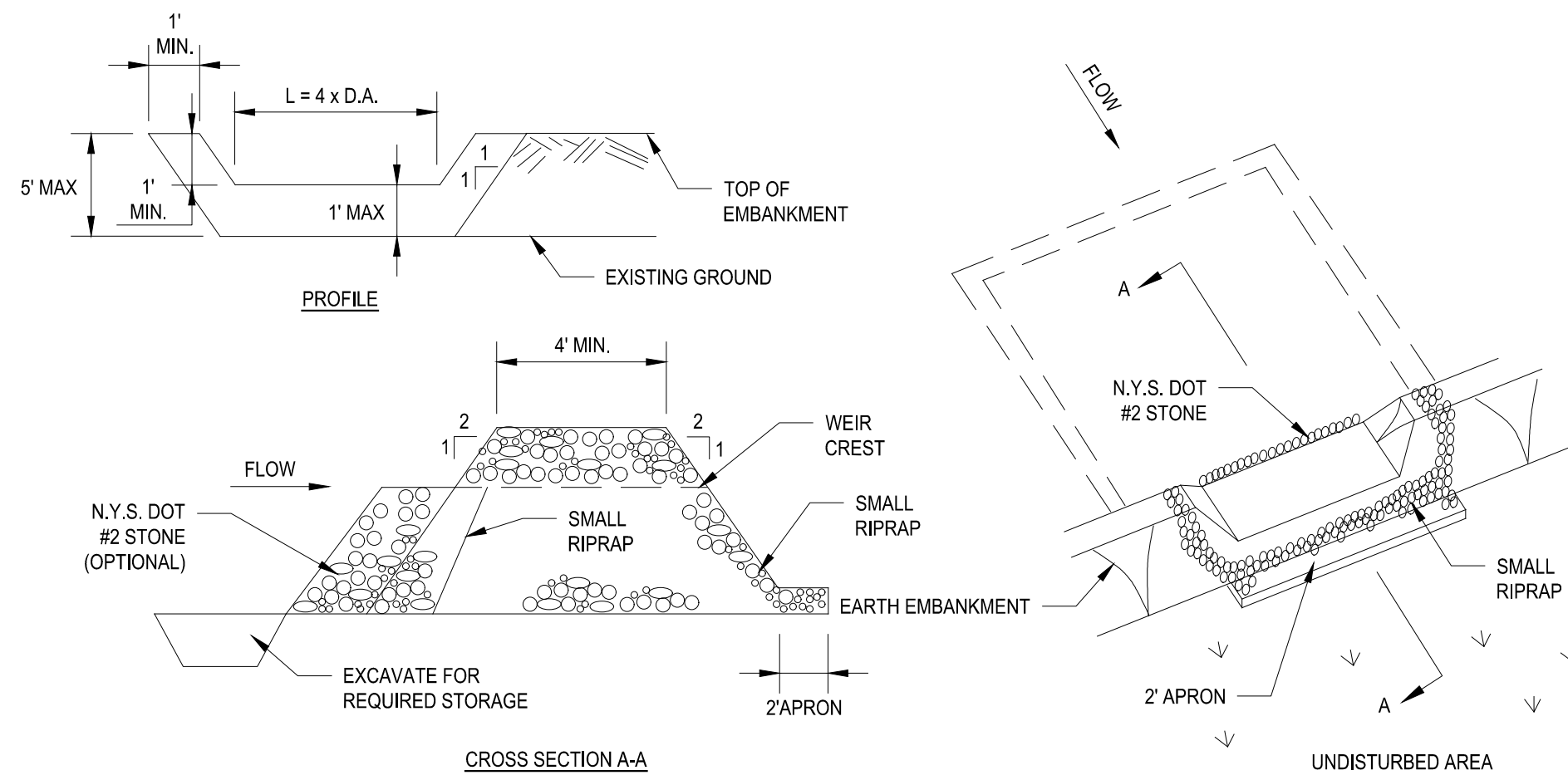
A SILT FENCE
- NOT TO SCALE



D INLET PROTECTION
- NOT TO SCALE



E LANDGRADING
- NOT TO SCALE

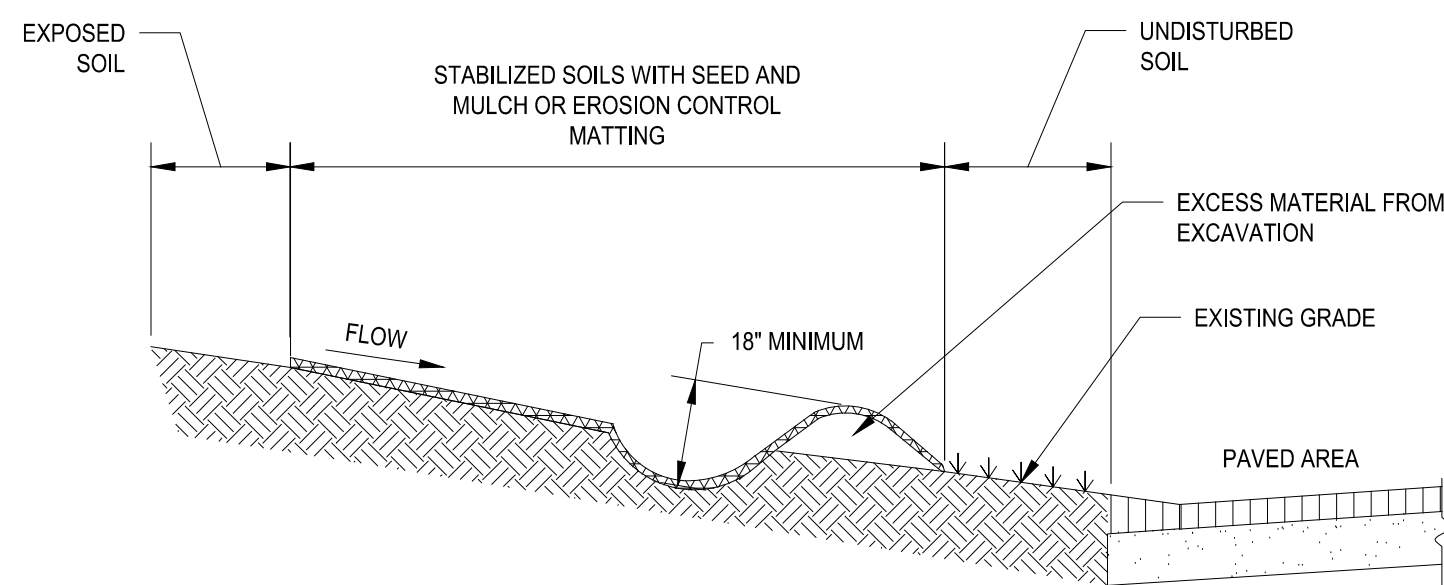


OPTION: A ONE FOOT LAYER OF N.Y.S. DOT #2 STONE MAY BE PLACED ON THE UPSTREAM SIDE OF THE RIPRAP IN PLACE OF THE EMBEDDED FILTER CLOTH.

CONSTRUCTION SPECIFICATIONS

- AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF AND VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
- THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
- ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.
- THE STONE USED IN THE OUTLET SHALL BE SMALL RIPRAP 4"-8" ALONG WITH A 1" THICKNESS OF 2" AGGREGATE PLACED ON THE UP-GRADE SIDE ON THE SMALL RIPRAP OR EMBEDDED FILTER CLOTH IN THE RIPRAP.
- SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. IT SHALL BE PLACED ON SITE AND STABILIZED.
- THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND SEDIMENT ARE CONTROLLED.
- THE STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. MAXIMUM DRAINAGE AREA 5 ACRES

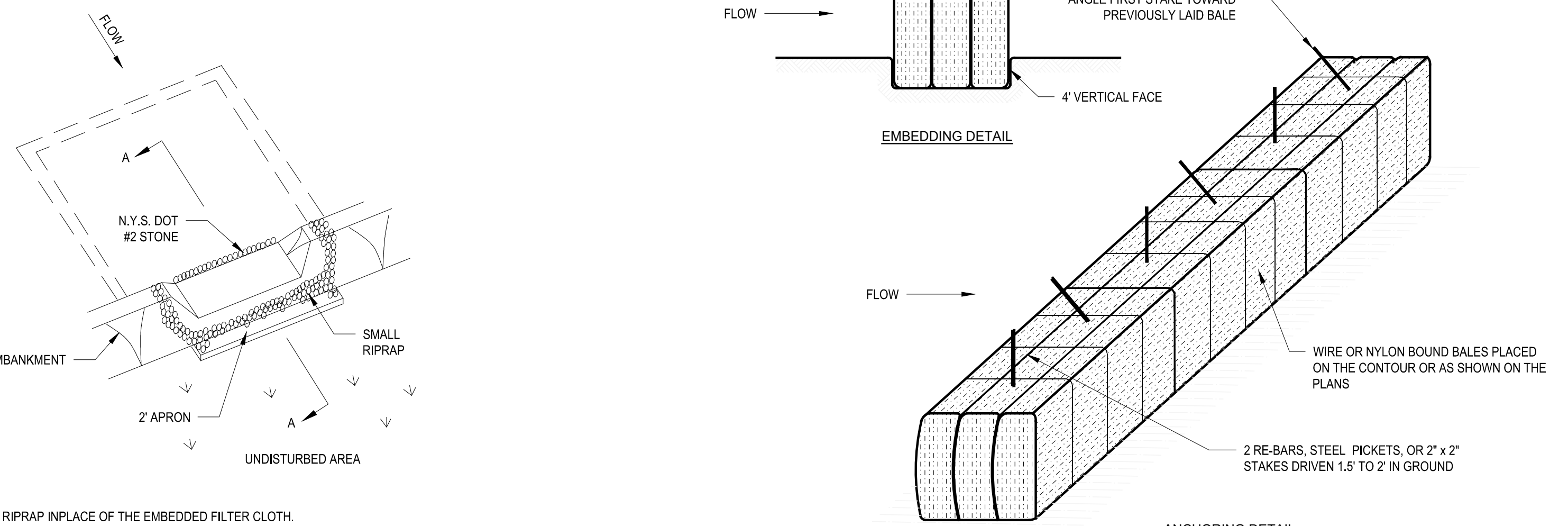
B STONE OUTLET SEDIMENT TRAP
- NOT TO SCALE



CONSTRUCTION NOTES

- ALL EARTH FILL SHALL BE PLACED ON A STRIPPED FOUNDATION, CONTAIN NO STUMPS OR WOODY MATERIAL, AND BE COMPACTED WITH THE WEIGHT OF THE EXCAVATOR BUCKET.
- THE SYSTEM SHALL BE USED WITH A MINIMUM 5 FOOT VEGETATED BUFFER ON THE DOWN SLOPE TOE OF THE DIKE OR AN ARTIFICIAL BUFFER OF EROSION CONTROL MATTING.
- THE ENDS OF THE DIKE SYSTEM SHALL TERMINATE WITH A 90 DEGREE RETURN OF NYS DOT #1A CRUSHED STONE TO FILTER ANY EXCESS FLOW.
- THE EARTHEN DIKE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION USING AN ANNUAL RYE GRASS MIXTURE AT A RATE OF 1 LB. PER 1,000 SQUARE FEET.

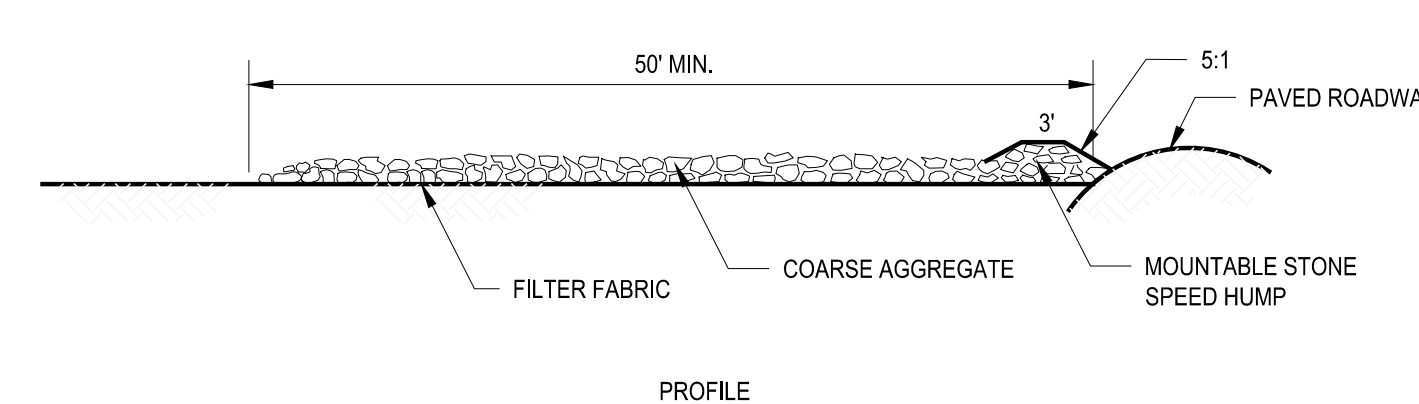
F SEDIMENT DIKE
- NOT TO SCALE



GENERAL NOTES

- BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF FOUR INCHES.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
- INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
- ACCUMULATED SILT SHALL BE REMOVED AND LEGALLY DISPOSED OF WHEN IT REACHES A DEPTH OF 6 INCHES.
- CONTRACTOR SHALL REPLACE HAY BALE AND DIKE EVERY THREE (3) MONTHS.

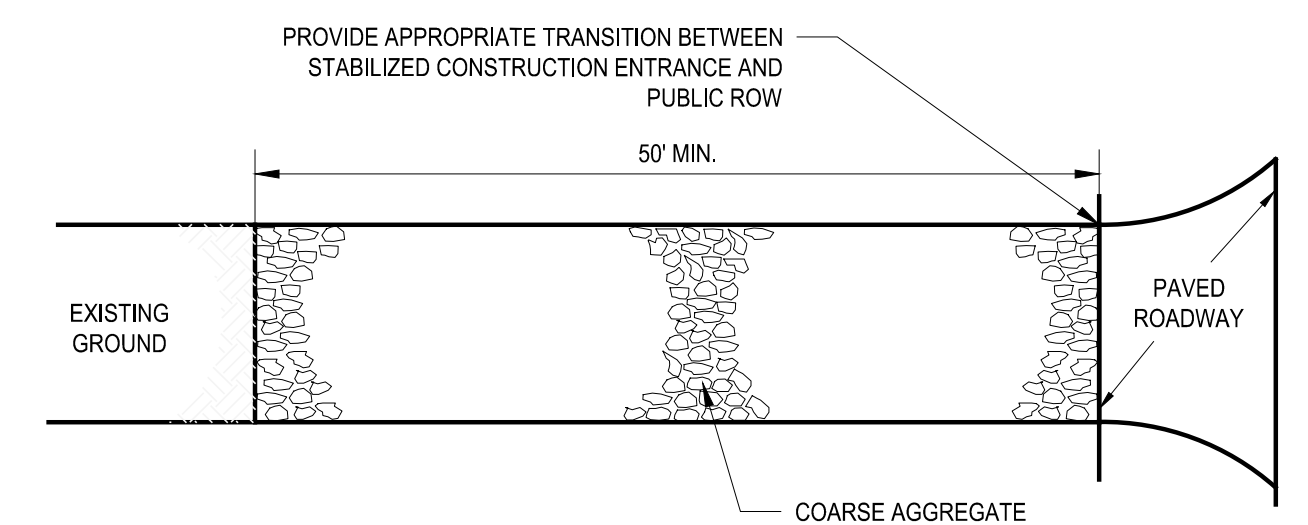
C EMBEDDING DETAIL
- NOT TO SCALE



GENERAL NOTES

- STONE SIZE - USE 1" - 4" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

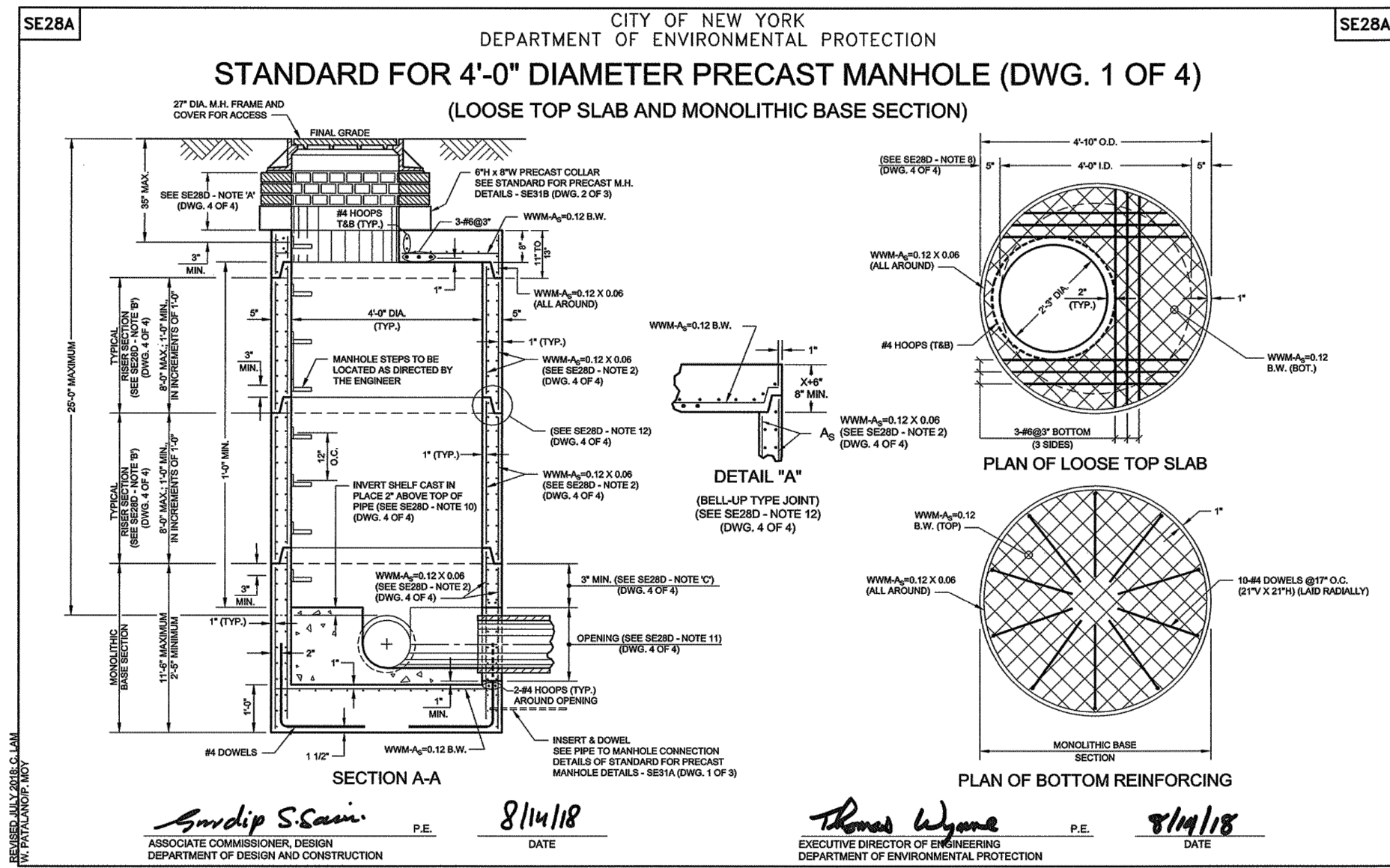
G STABILIZED CONSTRUCTION ENTRANCE
- NOT TO SCALE



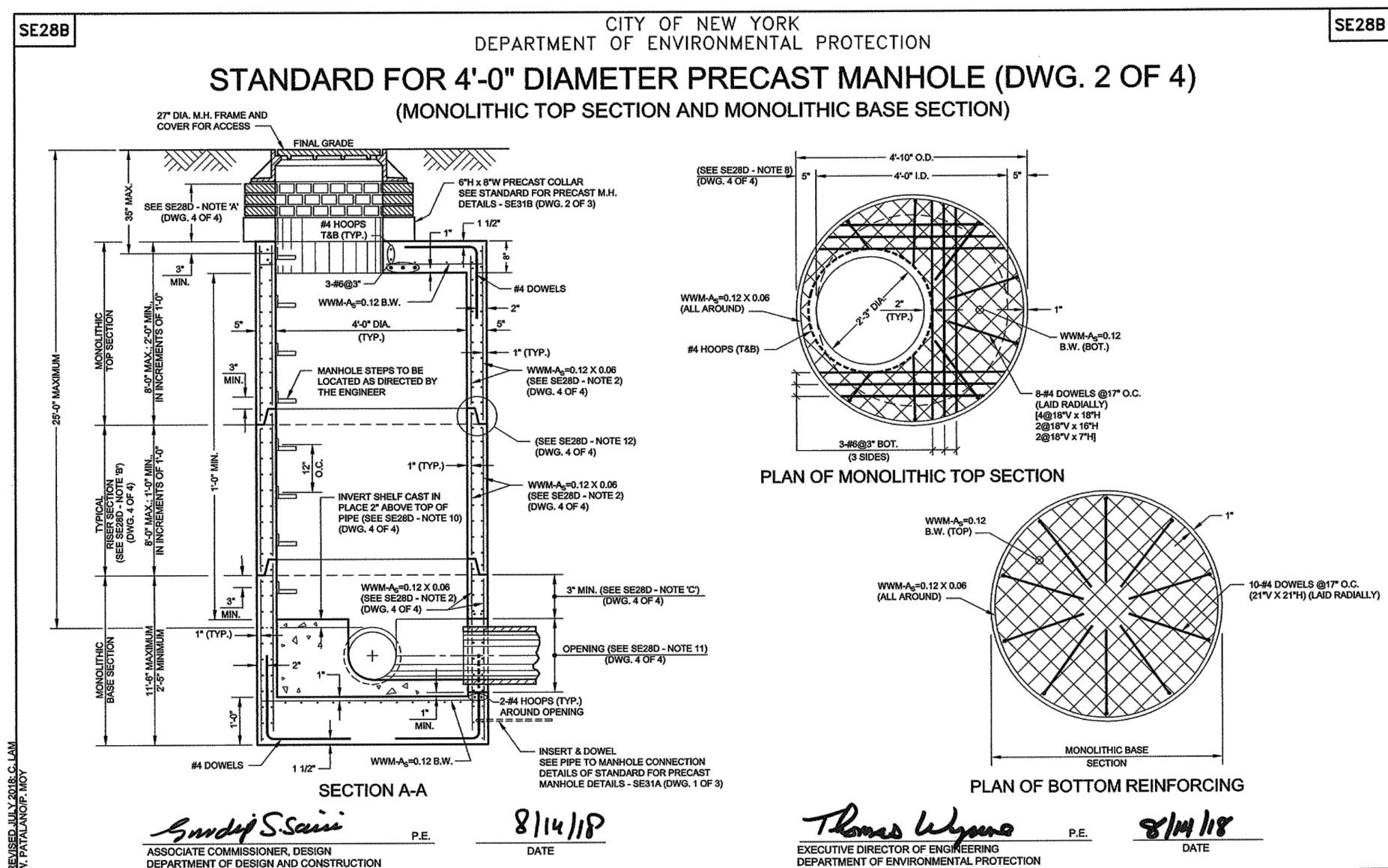
BID SET

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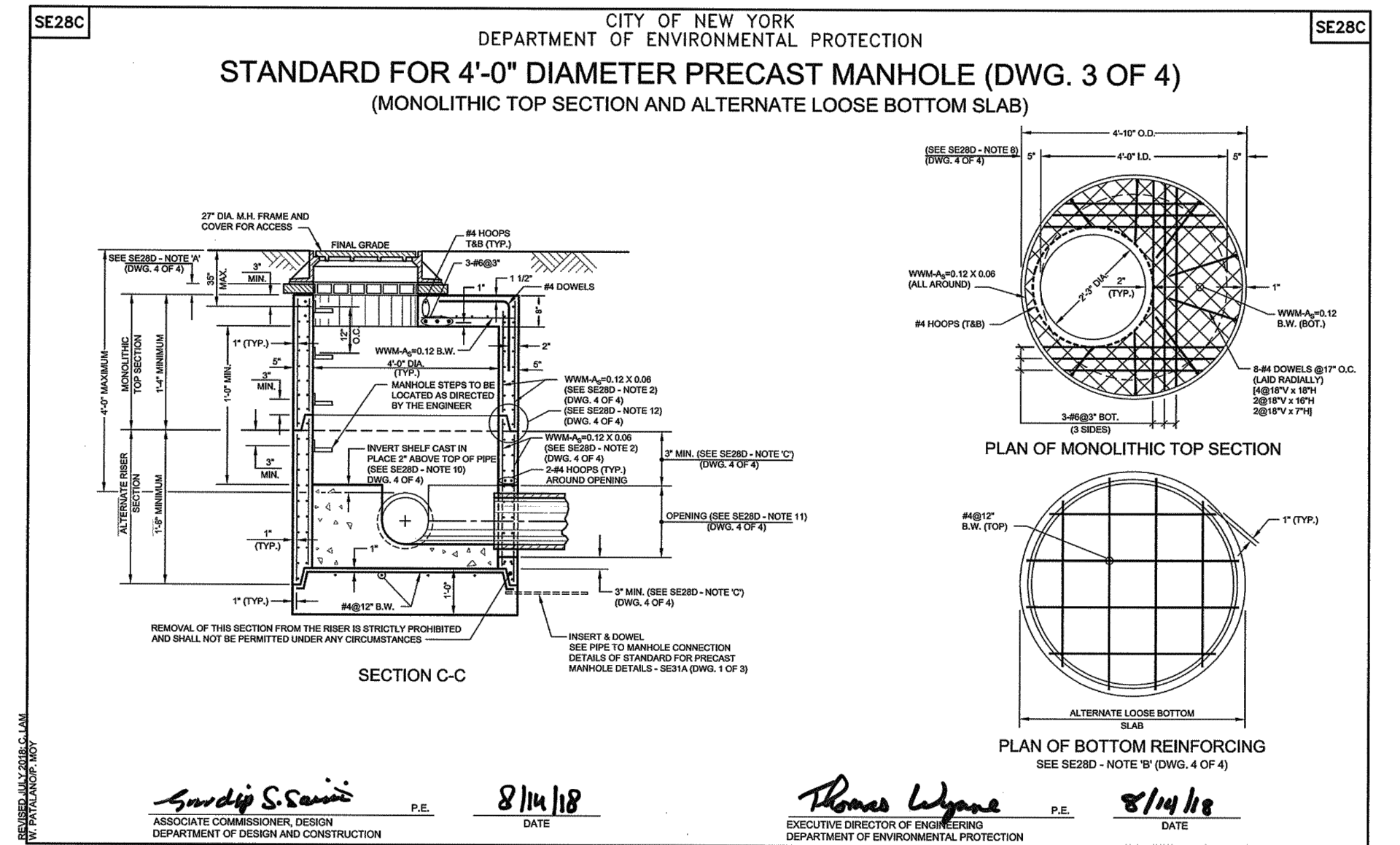
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CHECKED BY: B. Mawhirter		DESIGN LEAD: EDWARD BARBOE, P.E.						PROJECT MANAGER MARK DELBALZO, P.E.
GEDEON GRC CONSULTING ENGINEERS • PLANNERS • CONSTRUCTION MANAGERS 6901 JERICHO TURNPIKE, SUITE 216 SYOSSET, N.Y. 11791						CIVIL DETAILS - 2		SHEET NO: 12 OF No. 121
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D					DRAWING NO. C-106



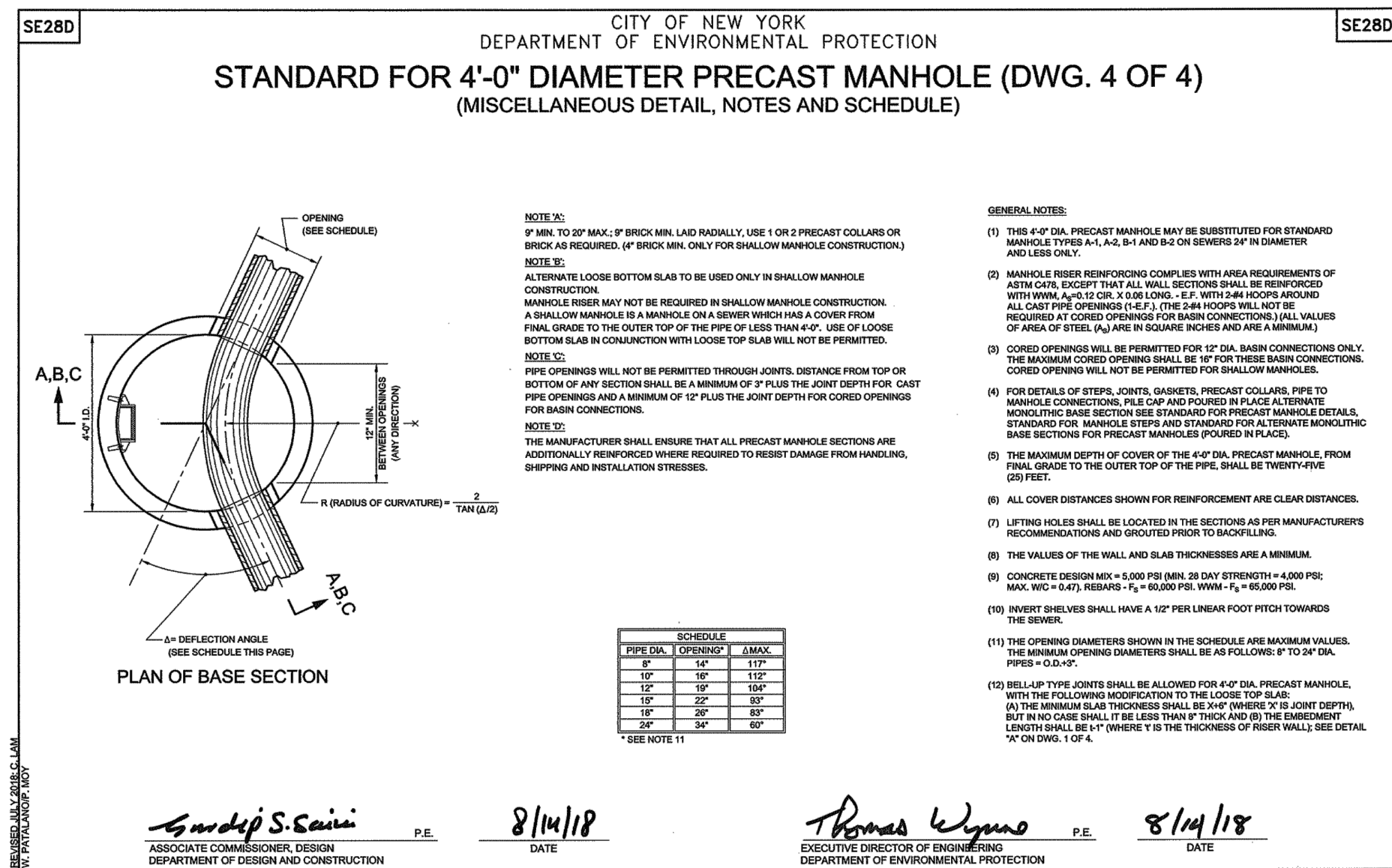
A STANDARD NYCDEP MANHOLE 1 OF 4
- NOT TO SCALE



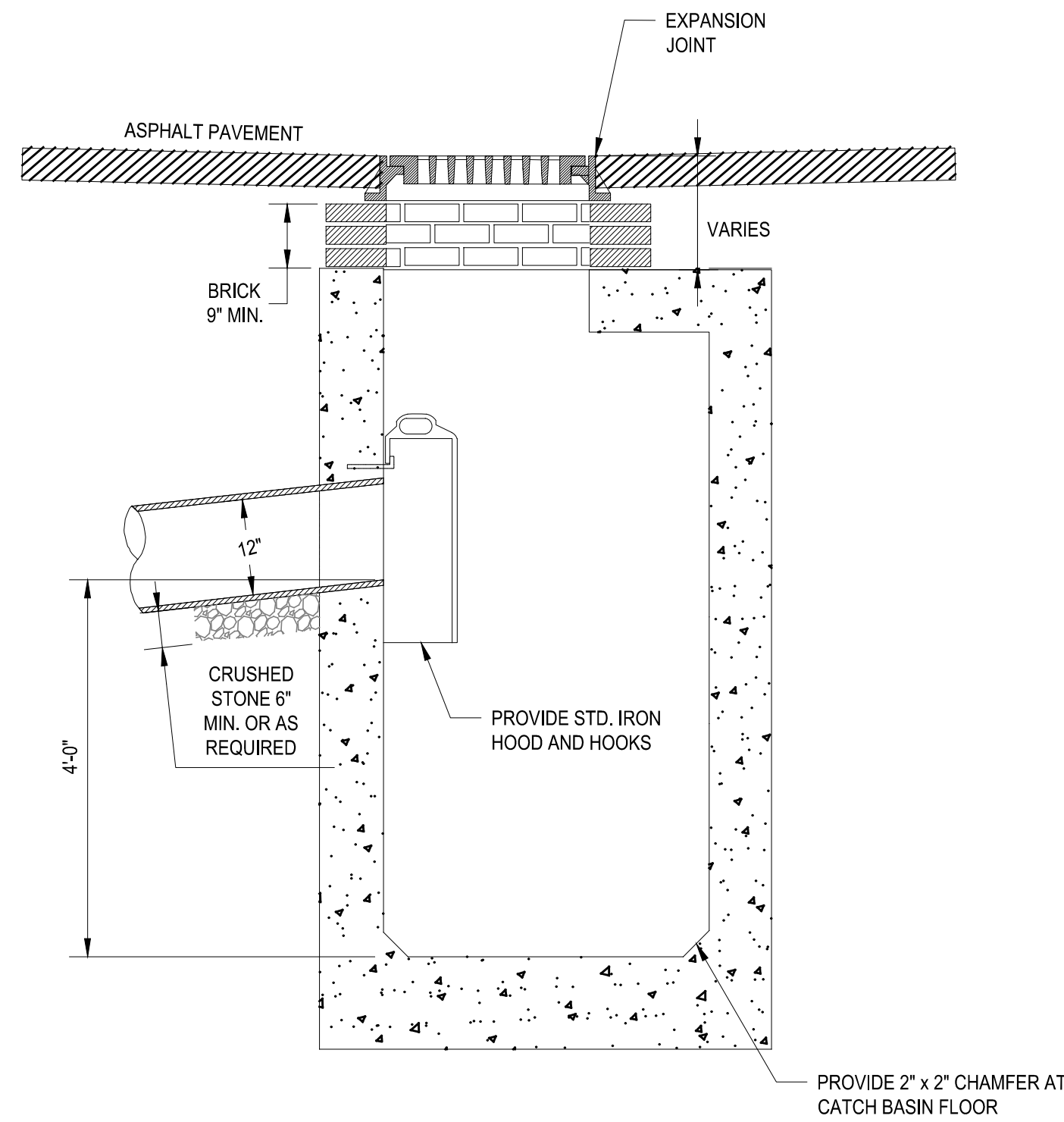
B STANDARD NYCDEP MANHOLE 2 OF 4
- NOT TO SCALE



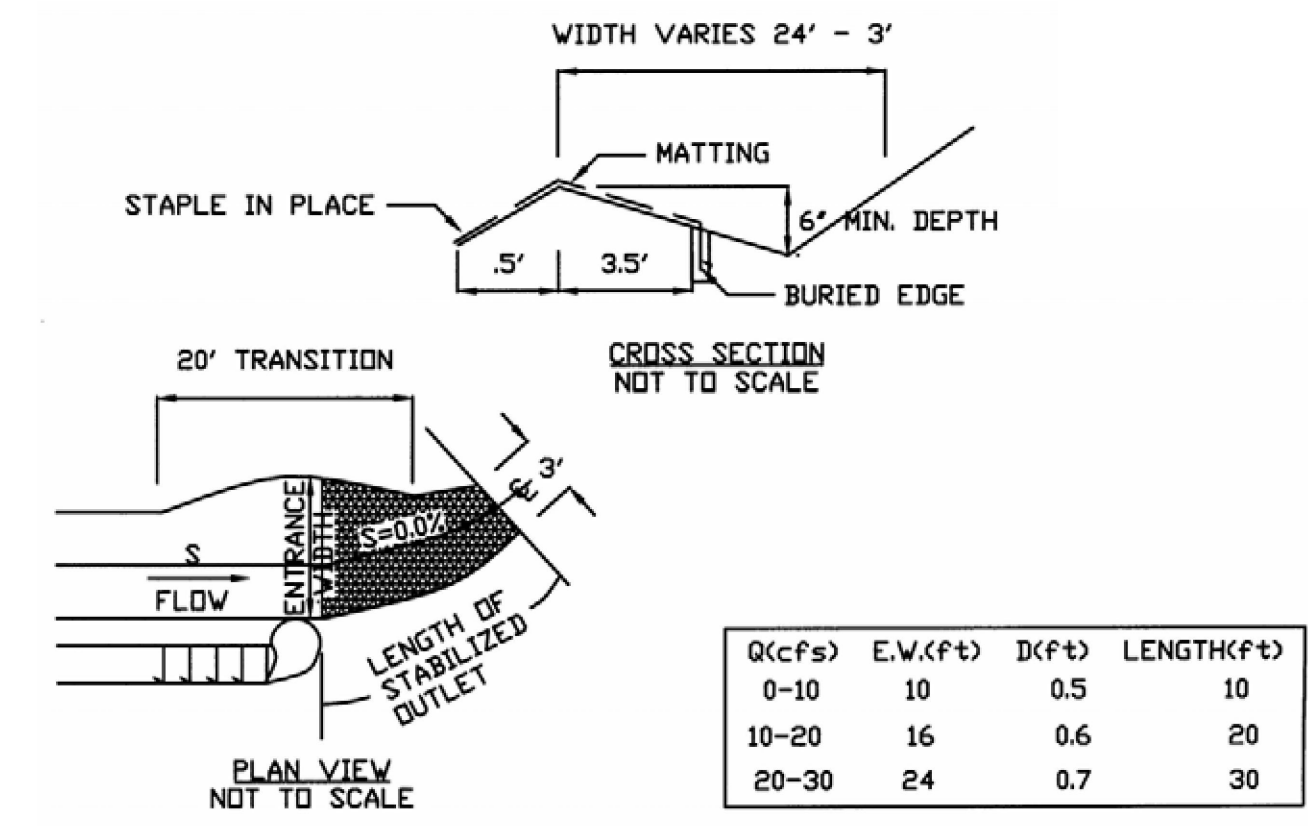
C STANDARD NYCDEP MANHOLE 3 OF 4
- NOT TO SCALE



E STANDARD NYCDEP MANHOLE 4 OF 4
- NOT TO SCALE



F MODIFIED NYCDEP TYPE 2 CATCH BASIN WITHOUT CURB PIECE
- NOT TO SCALE



G FLOW SPREADER
- NOT TO SCALE

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REPURPOSING OF KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: N.T.S SHEET NO: 13 OF No. 121 DRAWING NO. C-107

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CHECKED BY: B. Mawhirter	DESIGN LEAD: EDWARD BARBOE, P.E.
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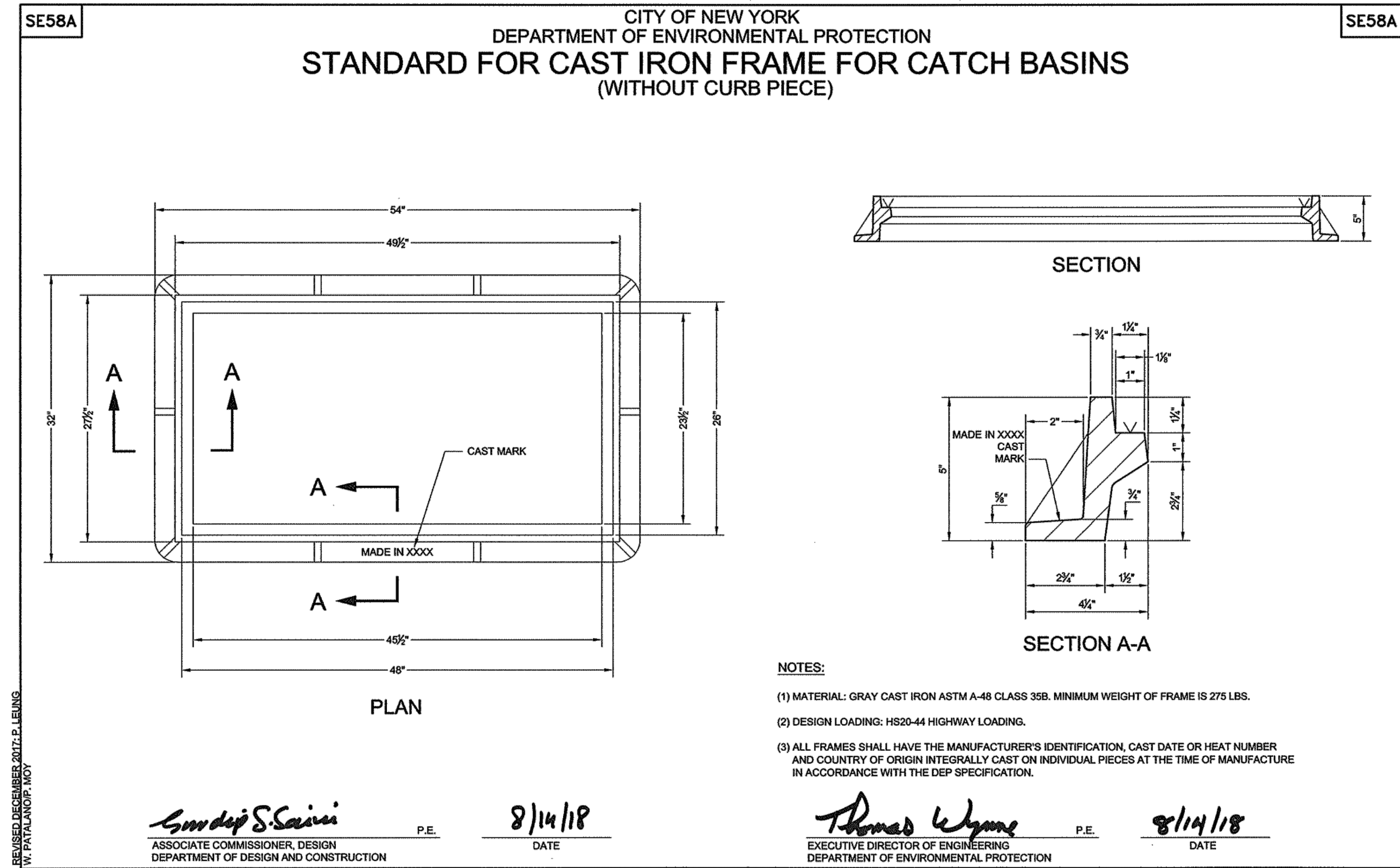
ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

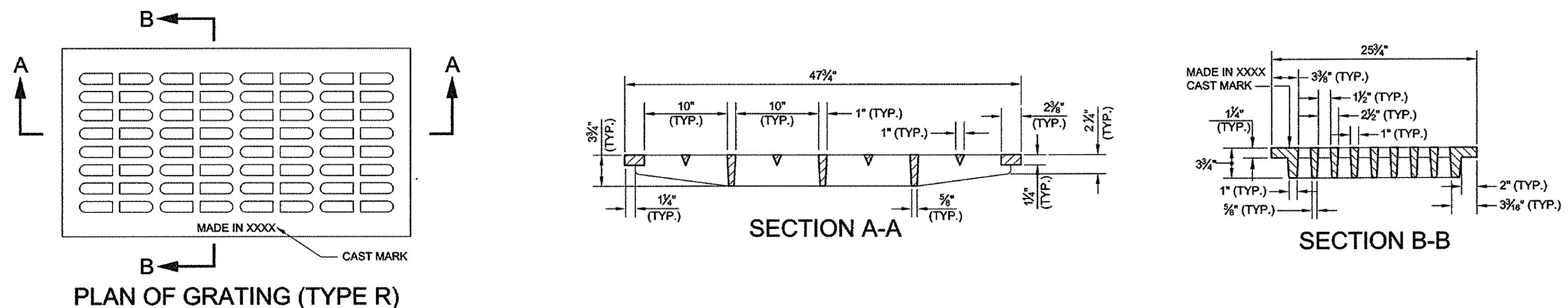
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A DEP STANDARD FRAME FOR CATCH BASIN
- NOT TO SCALE



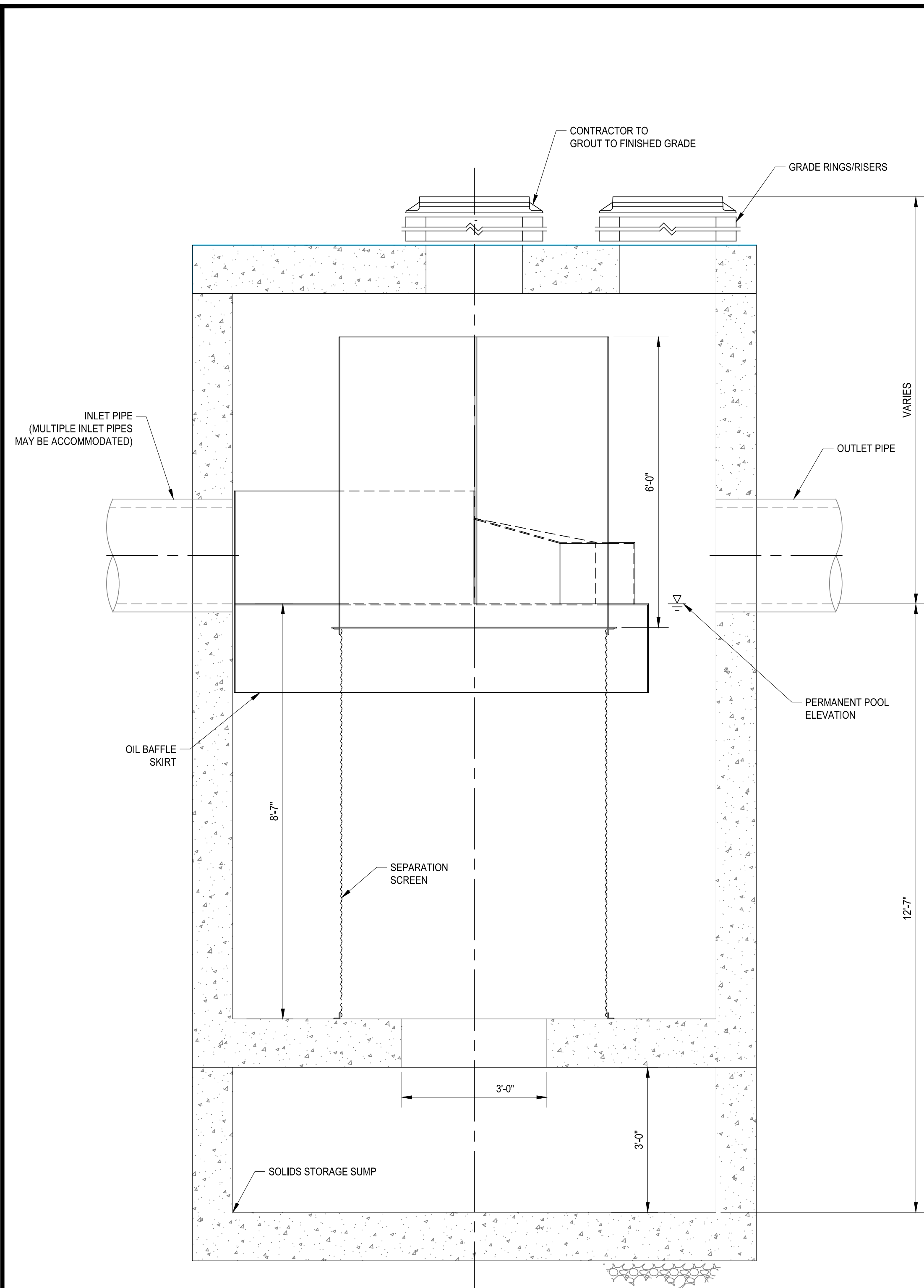
B DEP STANDARD GRATE
- NOT TO SCALE

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	DATE: MAY 2023 SCALE: N.T.S. SHEET NO: 14 OF No. 121 DRAWING NO. C-108

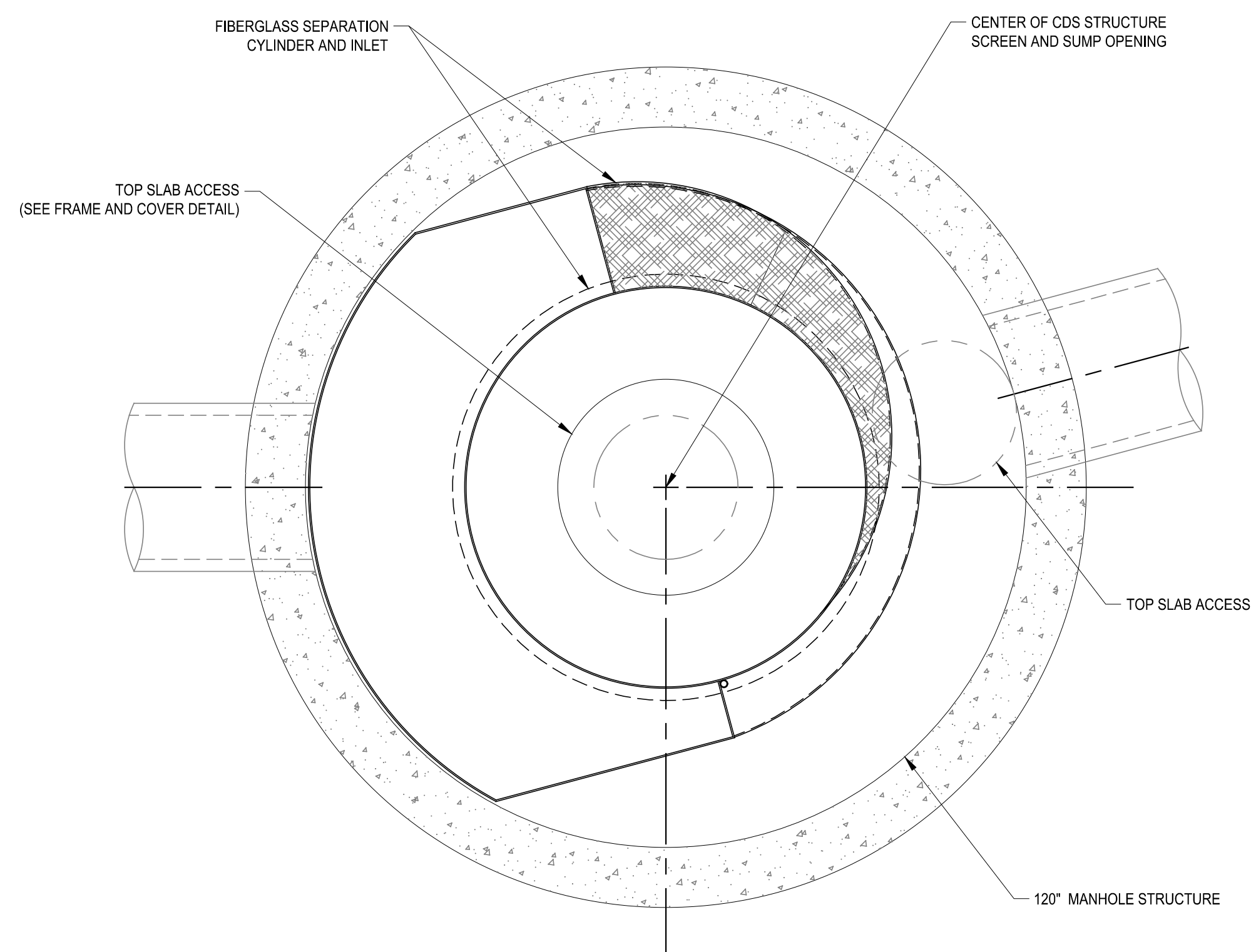
DESIGNED BY: J. Causarano	DRAWN BY: C. DeBona			ACCOUNTABLE MANAGER JOSE NIEVES	*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION 7209.2.*	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dep	REPURPOSING OF KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 CIVIL DETAILS - 4
CHECKED BY: B. Mawhirter	DESIGN LEAD: EDWARD BARBOE, P.E.			PROJECT MANAGER MARK DELBALZO, P.E.			
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D				

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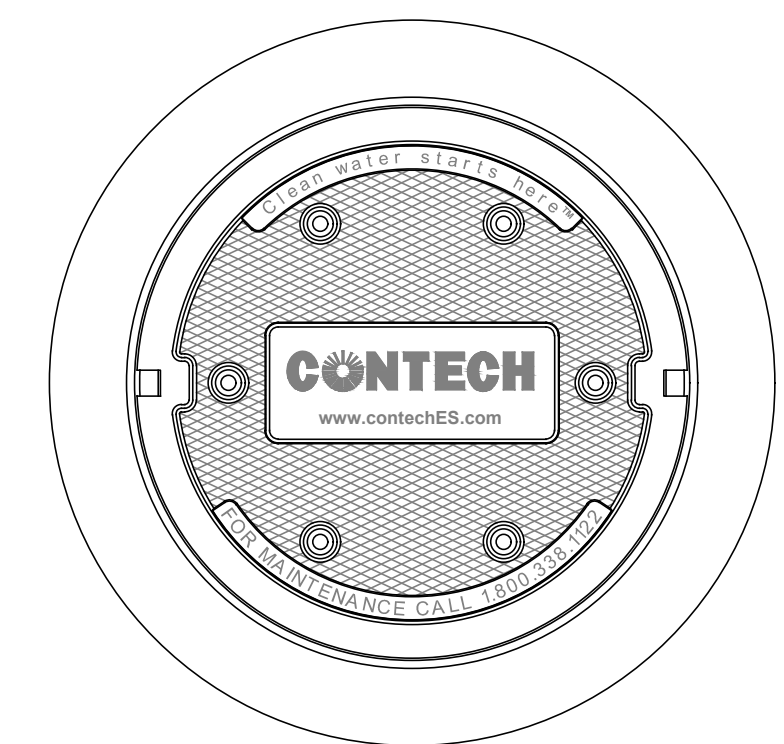
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ELEVATION



PLAN



FRAME AND COVER

A CDS STORMWATER TREATMENT MANHOLE
- NOT TO SCALE

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	DATE: MAY 2023 SCALE: N.T.S. SHEET NO: 15 OF No. 121 DRAWING NO. C-109

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
J. Causarano

DRAWN BY:
C. DeBona

CHECKED BY:
B. Mawhirter

DESIGN LEAD:
EDWARD BARBOE, P.E.

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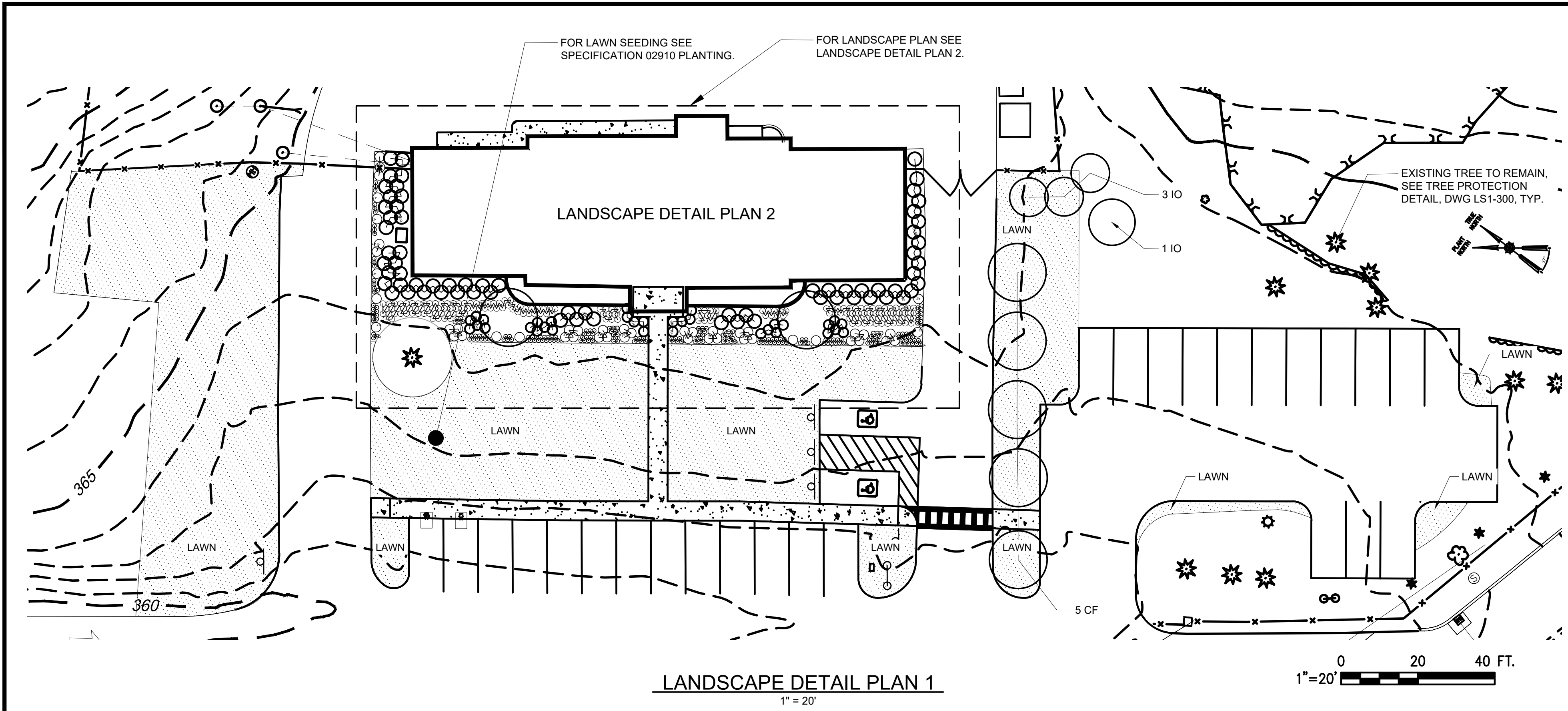
ACCOUNTABLE MANAGER
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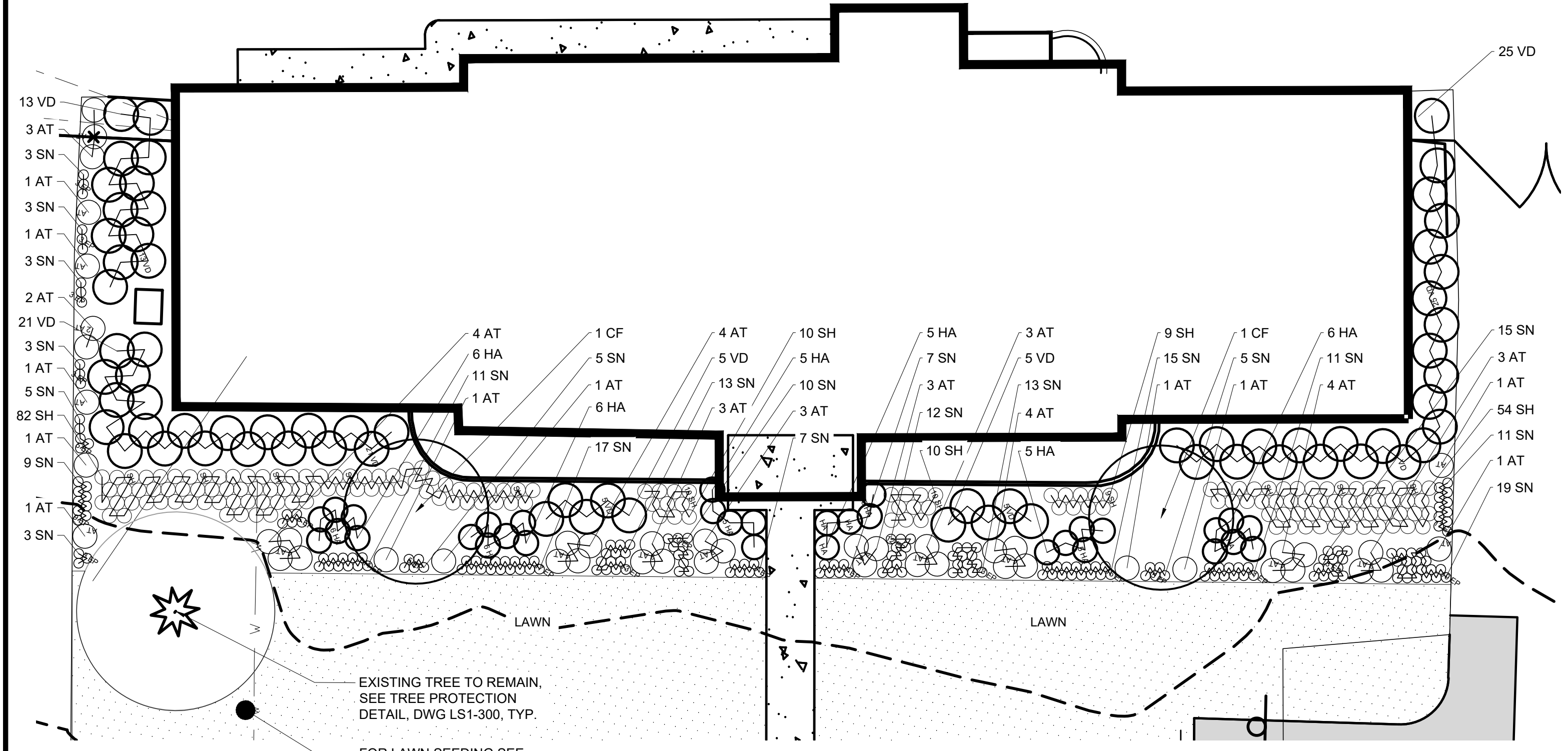
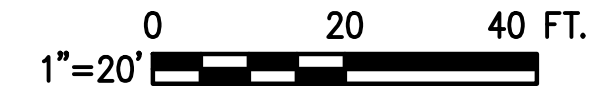
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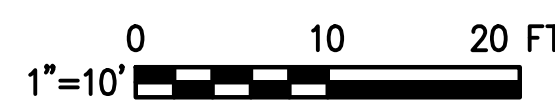
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LANDSCAPE DETAIL PLAN 1
1" = 20'



LANDSCAPE DETAIL PLAN 2
1" = 10'



NOTES:

1. THE CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO EXISTING PAVEMENT, TREES, VEGETATION, STRUCTURES, AND UTILITIES THAT ARE NOT INDICATED TO BE DEMOLISHED OR REMOVED. ANY DAMAGE TO EXISTING PAVEMENT, TREES, VEGETATION, STRUCTURES, AND UTILITIES NOT INDICATED TO BE DEMOLISHED OR REMOVED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
2. ANY AREA OUTSIDE THE LIMITS OF DISTURBANCE IS NOT TO BE AFFECTED BY THE CONTRACT WITHOUT PRE-APPROVAL FROM THE ENGINEER. ANY AREA AFFECTED BY THE CONTRACTOR SHALL BE RESTORED AS PER THE DIRECTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL NOT DRIVE ANY VEHICLE OR STORE ANY MATERIALS WITHIN THE DRIPLINE OF ANY EXISTING TREE OR SHRUB TO BE RETAINED. FURTHERMORE, ALL SOFTSCAPE AREAS WITHIN THE WORK LIMITS SHALL BE PROTECTED FROM COMPACTION. CORRECTIVE DECOMPACTION MEASURES SHALL BE TAKEN IN THE CASE OF ANY COMPACTION AT THE DIRECTION OF THE ENGINEER AND AT THE CONTRACTOR'S EXPENSE. ANY DAMAGE TO EXISTING TREES OR VEGETATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. TREE PROTECTION SHALL BE IN ACCORDANCE WITH SPECIFICATION 02230 - SITE CLEARING AND TREE PROTECTION DETAIL ON DWG LS1-300.
4. REFER TO DWG LS1-300 FOR LANDSCAPE DETAILS.
5. UNLESS INDICATED ELSEWHERE, ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SEEDED WITH GRASS SEED FOR LAWN AREAS AS INDICATED IN SPECIFICATION 02910 PLANTING.

SEEDING:

1. ALL SCHEDULE, SUBMITTALS, PRODUCTS AND METHODS FOR SEEDING OPERATIONS SHALL BE IN ACCORDANCE WITH SPECIFICATION 02910 PLANTING AND SEED SCHEDULE ON DRAWINGS.
2. ALL SEED SHALL BE INTERAGENCY CERTIFIED UNDER THE AUSPICES OF A STATE SEED IMPROVEMENT COOPERATIVE AND SHALL BEAR THEIR SEALS OF CERTIFICATION ON EACH BAG. PERMANENT SEED SHALL BE 75% PURE LIVE SEED MINIMUM.
3. SEED BROUGHT TO THE PROJECT SITE SHALL BE IN UNOPENED BAGS SHOWING THE NET WEIGHT, COMPOSITION OF MIX, SUPPLIER'S NAME AND GUARANTEE OF ANALYSIS. SEED SHALL BE STORED IN ORIGINAL UNOPENED PACKAGES, KEPT DRY, AND NOT OPENED UNTIL NEEDED FOR USE. DAMAGED OR FAULTY PACKAGES SHALL NOT BE USED AND WILL BE REJECTED. SEED SHALL BE FRESH, RECLEANED SEED OF THE LATEST CROP AND BE IN CONFORMANCE WITH THE PLANTING SPECIFICATION. ALL SEED MATERIALS SHALL BE PROTECTED FROM DRYING OUT AND FROM WIND DAMAGE DURING DELIVERY. GRASS SEED FOR LAWN AREAS SHALL BE MIX AND RATE AS INDICATED IN SPECIFICATION 02910 PLANTING.
5. SEED MIXTURE SHALL BE INSPECTED BY THE ENGINEER UPON ARRIVAL AT THE JOB SITE AND PRIOR TO INSTALLATION. ANY MATERIALS NOT IN COMPLIANCE WITH THE PLANTING SPECIFICATION WILL NOT BE ACCEPTED AND SHALL BE REMOVED FROM THE JOB SITE IMMEDIATELY.
6. SEEDBED PREPARATIONS AND SEEDING SHALL BE AS STATED IN THE SPECIFICATION 02910 PLANTING.
7. DO NOT BROADCAST SEED BY MECHANICAL APPLICATION WHEN THE WIND VELOCITY IS SUCH TO PREVENT UNIFORM SEED DISTRIBUTION.
8. ALL SEEDED AREAS SHALL BE COVERED WITH ECS-1B SINGLE NET STRAW BIODEGRADABLE ROLLED EROSION CONTROL PRODUCT AS PER PLANTING SPECIFICATION AND EROSION CONTROL MATTING DETAIL, DWG LS1-300.
9. SEEDED AREAS SHALL BE WATERED AT A MINIMUM OF ONCE PER WEEK UNTIL SEED HAS GERMINATED AND BECOME ESTABLISHED.
10. ACCEPTABLE SEEDING ESTABLISHMENT WILL BE 85% COVERAGE OF THE OPEN AREA WITH THE SEEDED SPECIES. ANY AREA NOT MEETING THIS REQUIREMENT SHALL BE RESEEDED WITH THE ORIGINAL SEED MIX.

PLANTING:

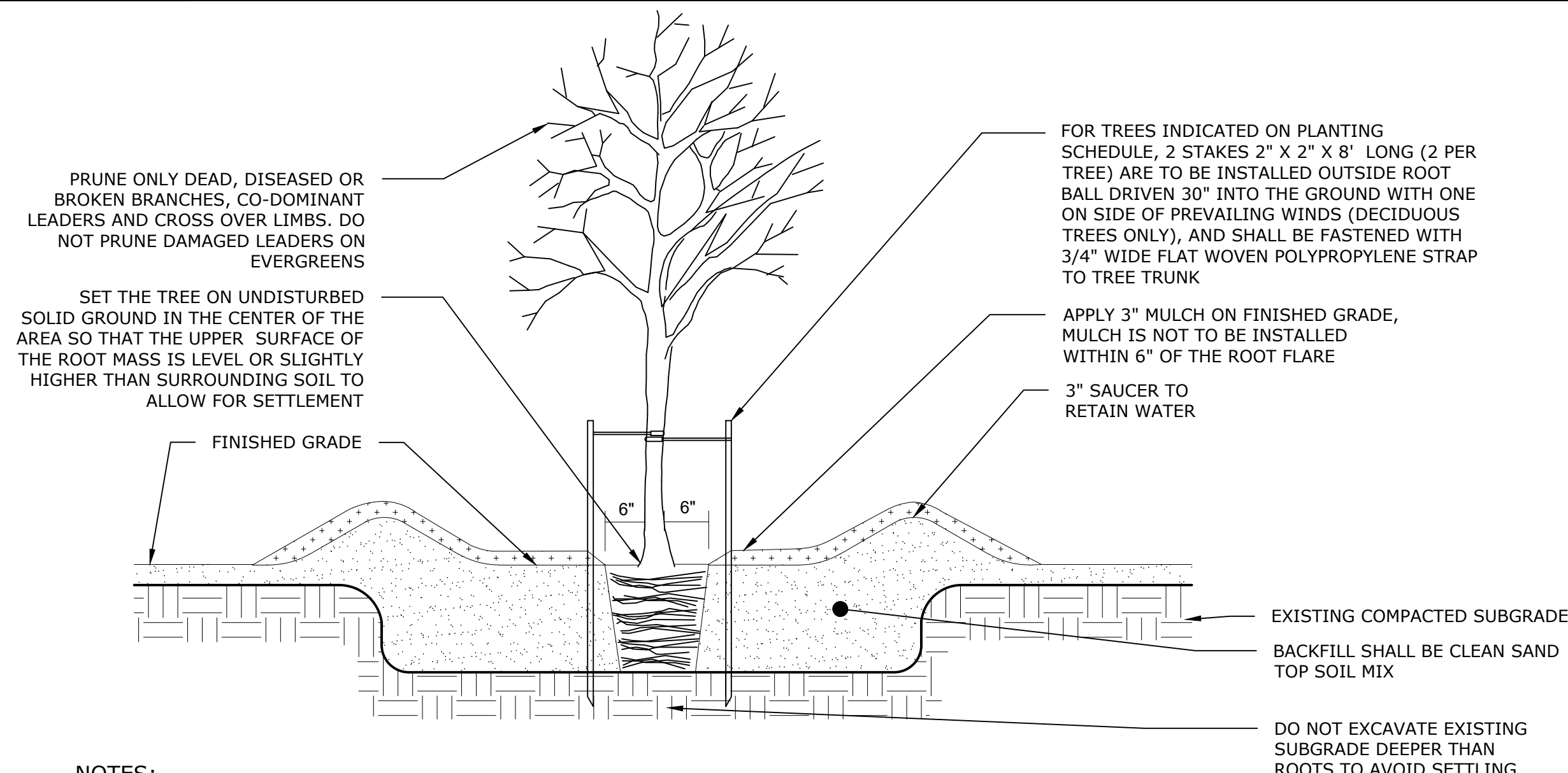
1. ALL PLANTINGS SHALL BE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. IN THE EVENT THE ACTUAL LIMITS OF SITE CLEARING AND STAGING AREAS DIFFER FROM THOSE SHOWN IN THE PLANS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR PLANTINGS IN CONFORMANCE WITH THE SPECIFICATIONS, SHOP DRAWINGS FOR REVISED PLANTINGS SHALL BE SUBMITTED A MINIMUM OF 90 DAYS IN ADVANCE OF THE PLANTING SEASON WHEN PLANTING IS SCHEDULED TO OCCUR.
2. ALL PLANT MATERIAL TO BE VIGOROUS, FREE OF INJURY OR DEFECTS. ALL PLANT MATERIAL SHALL BE STOCK FROM AN APPROVED NURSERY AS PER THE SPECIFICATION.
3. ALL SEED MIXES AND PLANT SOURCES SHALL BE SUBMITTED IN ADVANCE FOR REVIEW AS NOTED IN SPECIFICATION 02910 PLANTING.
4. THE ENGINEER MAY REJECT ANY MATERIAL NOT IN CONFORMANCE WITH THE PLANTING SCHEDULES AND THE PLANTING SPECIFICATION REQUIREMENTS.
5. THE CONTRACTOR SHALL EXCAVATE AS NEEDED AND PROVIDE TOPSOIL TO ACHIEVE FINISHED GRADES IN ALL AREAS TO BE SEEDED OR OTHERWISE PLANTED. TOPSOIL SHALL BE 6" MINIMUM IN SEEDED AREAS.
6. FERTILIZER SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATION 02910 PLANTING. FERTILIZER DELIVERED TO THE SITE SHALL BE IN ORIGINAL, UNOPENED CONTAINERS BEARING THE MANUFACTURER'S CHEMICAL ANALYSIS AND ESSENTIAL INFORMATION. FERTILIZER CONTAINERS SHALL BE PROTECTED FROM EXPOSURE TO PRECIPITATION AND DIRECT SUNLIGHT.
7. PLANTS SHALL BE INSTALLED IN "DRY" CONDITIONS AND NOT WHEN PLANTING LOCATIONS ARE WET OR FROZEN. PRIOR TO INSTALLATION, CONTRACTOR SHALL STAKE OUT AND RECEIVE APPROVAL FROM ENGINEER FOR LOCATIONS OF PLANTINGS.
8. INSTALL MULCH ACROSS ENTIRE PLANTING BEDS INCLUDING ALL AREAS OF TREE, SHRUB, ORNAMENTAL GRASS AND HERBACEOUS PLUG PLANTING AS PER PLANTING SPECIFICATION AND EACH ASSOCIATED PLANTING DETAIL ON DWG LS1-300. NO MULCH SHALL BE APPLIED TO SEEDED AREAS.
9. ANY TREES DAMAGED BY THE CONTRACTOR NOT SCHEDULED TO BE REMOVED SHALL BE REPLACE IN KIND AT THE DIRECTION OF THE ENGINEER AT CONTRACTOR'S EXPENSE.

PLANTING SCHEDULE							
NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	FORM	SPACING	REMARKS
Herbaceous Plants							
48	AT	<i>Amsonia taberaemontana</i>	blue star	#1	cont	1.5' O.C.	
215	SN	<i>Symphotrichum novi-belgii</i> 'Raydon's Favorite'	Raydon's Favorite New York aster	#1	cont	1.5' O.C.	
Grasses							
174	SH	<i>Sporobolus heterolepis</i> 'Tara'	Tara prairie dropseed	#1	cont	1.5' O.C.	
Shrubs							
33	HA	<i>Hydrangea arborescens</i> 'Invincibelle Limetta'	Invincibelle Limetta hydrangea	#5	cont	2.5' O.C.	
69	VD	<i>Viburnum dentatum</i> 'Little Joe'	Little Joe arrowwood	#5	cont	3.5' O.C.	
Canopy Trees							
7	CF	<i>Cornus florida</i> 'Cherokee Brave'	Cherokee brave dogwood	8-10'	B&B	As shown	limb up to 6'
4	IO	<i>Ilex</i> 'Nellie R. Stevens'	Nellie R. Stevens' holly	8-10'	B&B	As shown	

BID SET		DATE: MAY 2023
IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY		SCALE:
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624		SHEET NO: 16 OF No. 121
LANDSCAPE PLAN		DRAWING NO. GL-100

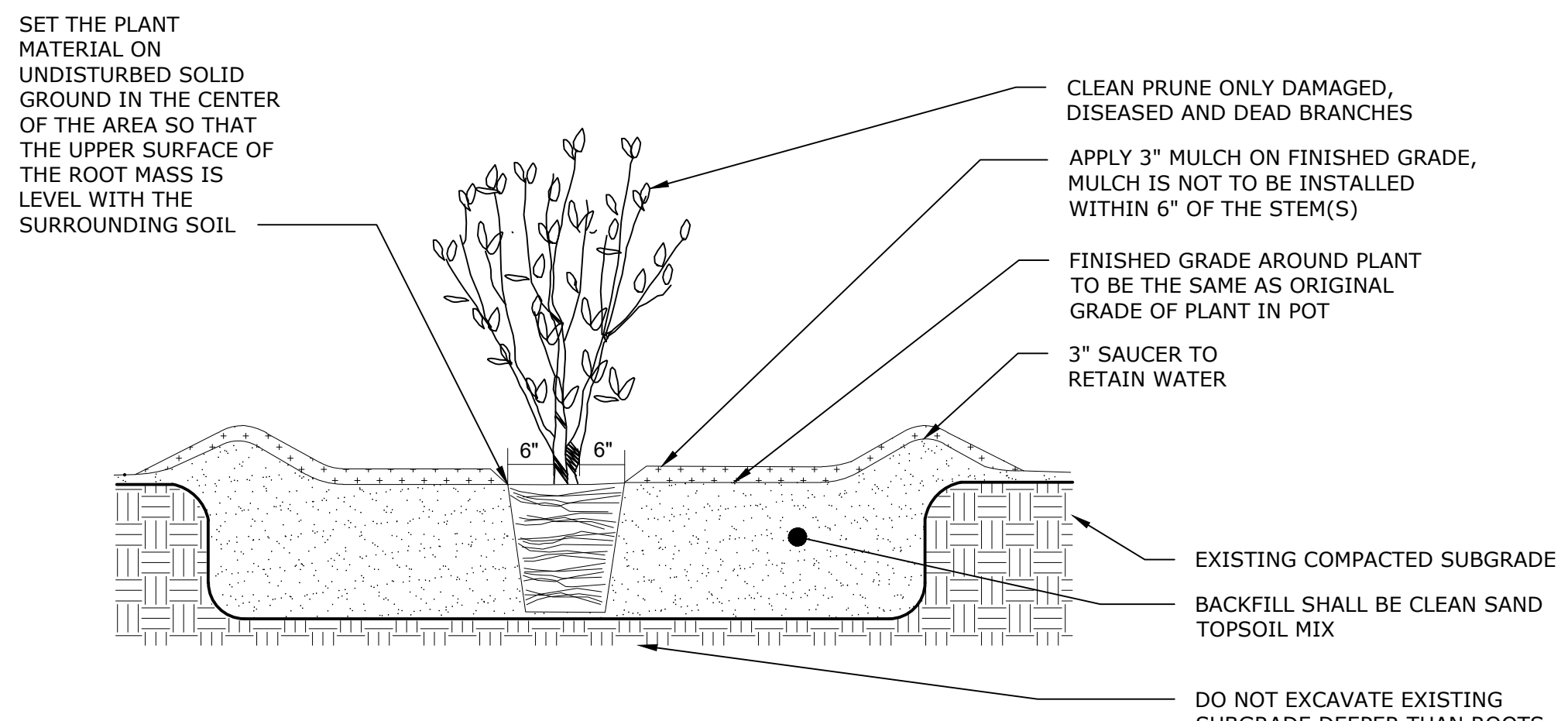
DESIGNED BY: ELIZABETH MOSKALENKO, RLA	DRAWN BY: ELIZABETH MOSKALENKO, RLA			ACCOUNTABLE MANAGER JOSE NIEVES	<p>*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION 7209.2.*</p>	<p>NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dwp</p>	<p>REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 LANDSCAPE PLAN</p>
CHECKED BY: KEVIN WARD	DESIGN LEAD: EDWARD BARBOE, P.E.			PROJECT MANAGER MARK DELBALZO, P.E.			
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D				

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.



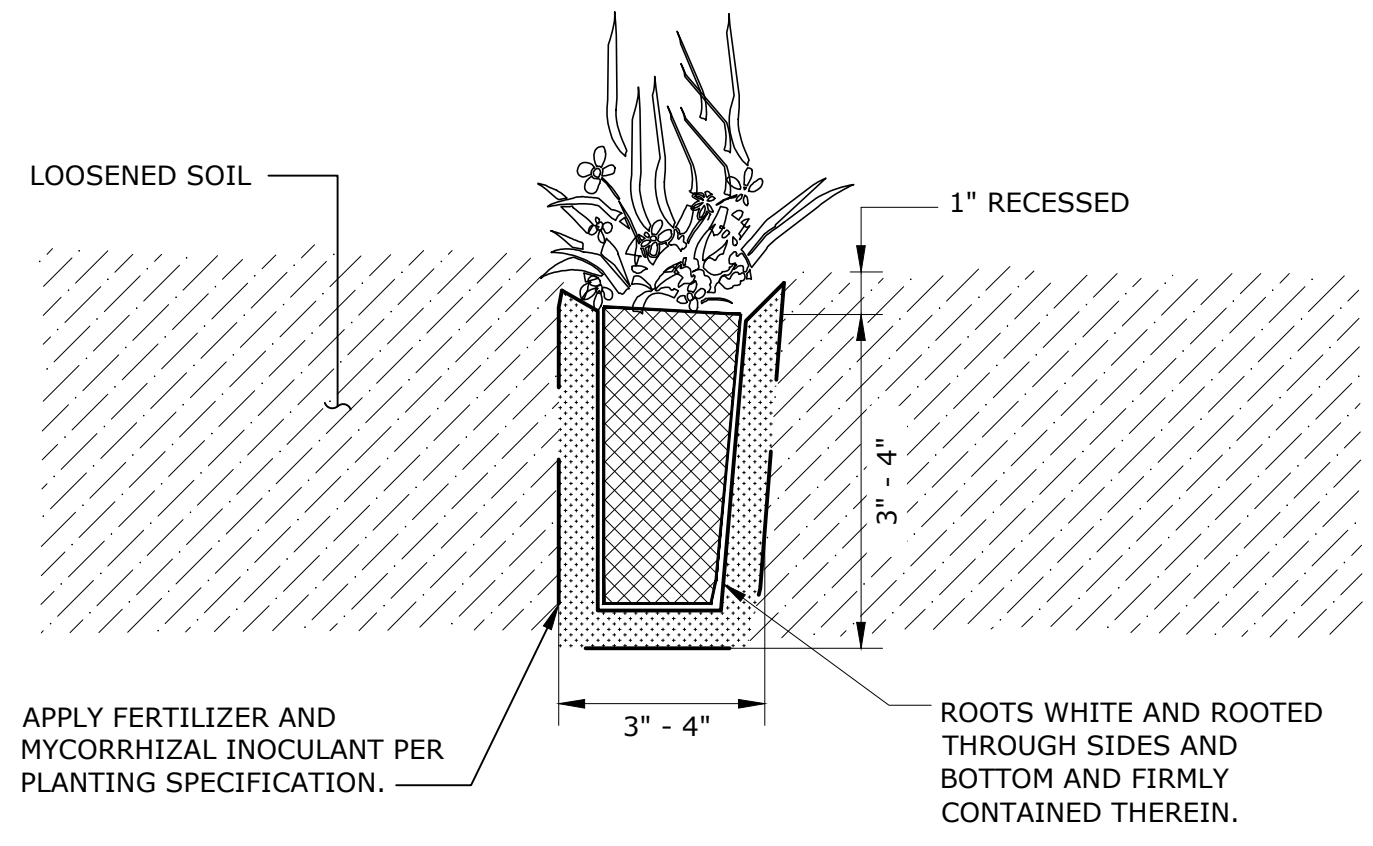
- NOTES:**
1. PRUNING, IF NECESSARY, SHALL BE DONE BY A CERTIFIED ARBORIST.
 2. NOTIFY ENGINEER IF IMPERVIOUS OR UNACCEPTABLE NATIVE SOIL TO BE REMOVED IS ENCOUNTERED IN TREE PIT LOCATIONS.
 3. ROTOTILL/CULTIVATE SOILS TO A DEPTH EQUAL TO THE DEPTH OF ROOT BALL AND TWO TIMES THE DIAMETER OF THE ROOT BALL.
 4. APPLY FERTILIZER AND MYCORRHIZAL INOCULANT PER PLANTING SPECIFICATION. TAMP SOIL IN 6" LAYERS AROUND ROOT BALL AND WATER THOROUGHLY AFTER EXCAVATION AND AFTER PLANT INSTALLATION.
 5. COMPLETELY UNWRAP OR CUT GIRDLING ROOTS. DO NOT DAMAGE MAIN ROOTS OR ROOT BALL WHEN INSTALLING TREE.
 6. FOR CONTAINER: REMOVE ROOT BALL FROM CONTAINER. LOOSEN POT-BOUND, SPIRALLY-GROWING ROOTS. FOR B&B: CUT TWINE AND REMOVE BURLAP AND WIRE BASKET.
 7. REMOVE AND DISPOSE OF ALL NON-BIODEGRADABLES FROM PLANTING HOLES AND ROOT BALL.
 8. REMOVE STAKES AFTER FIRST YEAR.

TYPICAL TREE PLANTING DETAIL
NTS



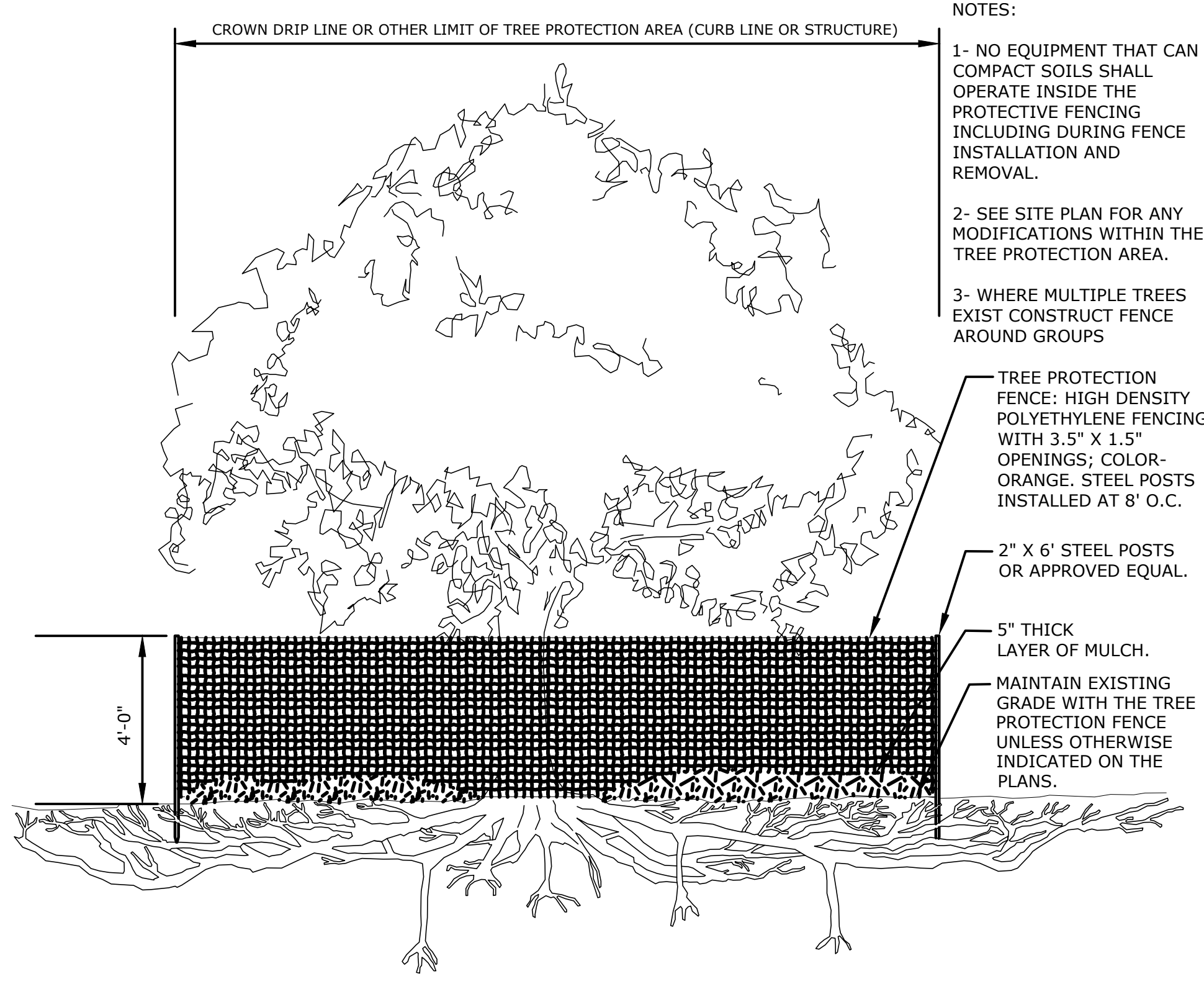
- NOTES:**
1. PRUNING, IF NECESSARY, SHALL BE DONE BY A CERTIFIED ARBORIST.
 2. ROTOTILL/CULTIVATE SOILS TO A DEPTH EQUAL TO THE DEPTH OF ROOT BALL AND TWO TIMES THE DIAMETER OF THE ROOT BALL.
 3. APPLY FERTILIZER AND MYCORRHIZAL INOCULANT PER PLANTING SPECIFICATION. TAMP SOIL IN 6" LAYERS AROUND ROOT BALL AND WATER THOROUGHLY AFTER PLANTING.
 4. CONTAINER: REMOVE ROOT BALL FROM CONTAINER. LOOSEN POT-BOUND, SPIRALLY-GROWING AND GIRDLING ROOTS. B&B: CAREFULLY REMOVE TOP 1/3 OF BURLAP. CUT SEVERAL SLITS IN BURLAP TO FACILITATE ROOT PENETRATION.
 5. REMOVE AND DISPOSE OF ALL NON-BIODEGRADABLES FROM PLANTING HOLES AND ROOT BALL.

TYPICAL HERBACEOUS/GRASS/SHRUB PLANTING DETAIL
NTS



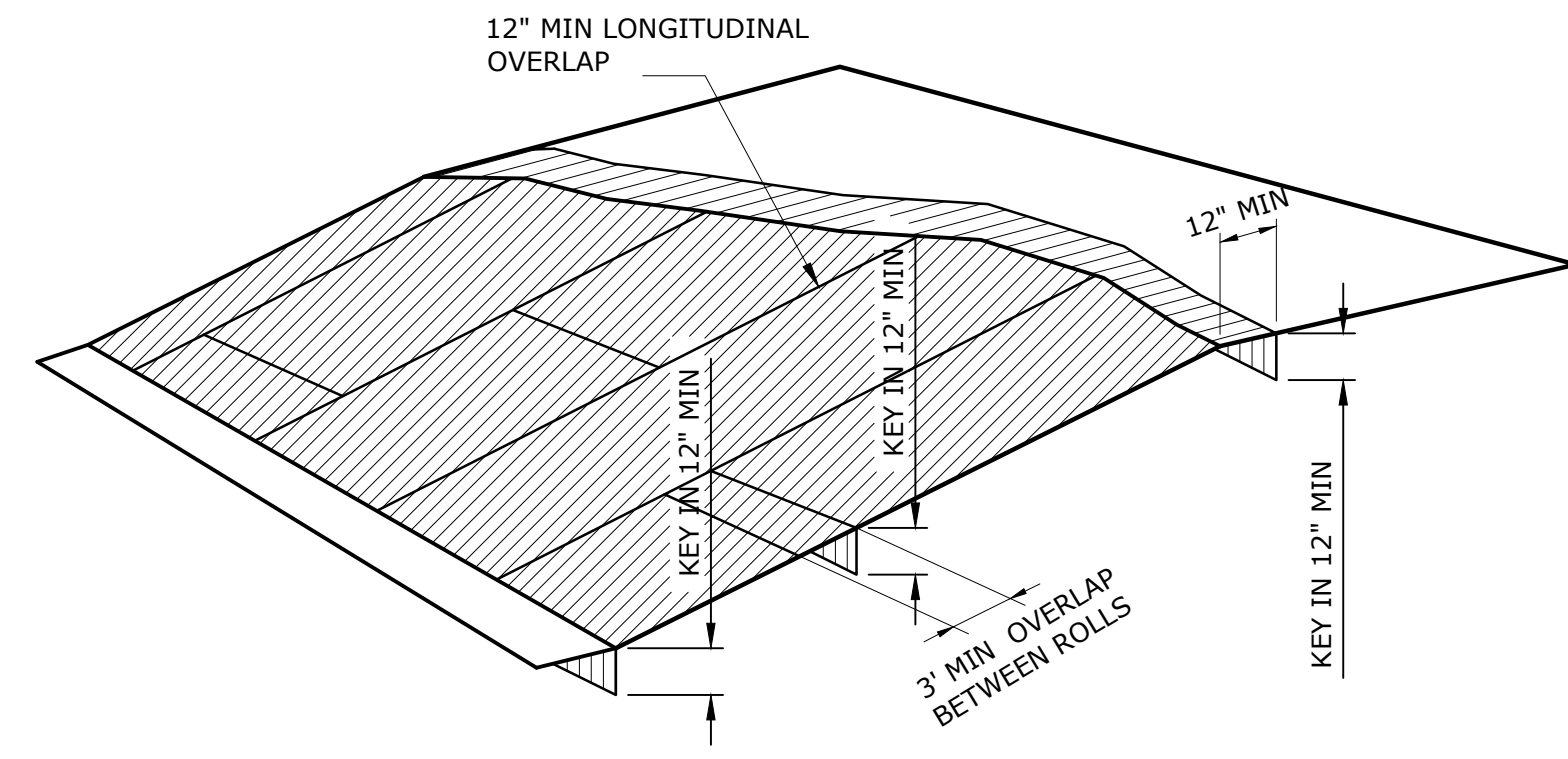
- NOTES:**
1. ALL PLASTIC WRAP SHALL BE REMOVED PRIOR TO PLANTING.
 2. CAREFULLY FIRM PLUG INTO PLACE AFTER PLANTING BY LIGHTLY TAMPING.
 3. IF NOT PLANTED IMMEDIATELY AFTER DELIVERED TO JOB SITE, THE PLANTS SHALL BE STORED OUT OF DIRECT SUNLIGHT AND WIND WITH THEIR POTS AND ASSOCIATED ROOT MASSES MAINTAINED MOIST THROUGH PERIODIC WATERING UNTIL THE TIME OF PLANTING.

TYPICAL PLUG PLANTING DETAIL
NTS



- NOTES:**
- 1- NO EQUIPMENT THAT CAN COMPACT SOILS SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
 - 2- SEE SITE PLAN FOR ANY MODIFICATIONS WITHIN THE TREE PROTECTION AREA.
 - 3- WHERE MULTIPLE TREES EXIST CONSTRUCT FENCE AROUND GROUPS

TREE PROTECTION DETAIL
NTS



- NOTES:**
1. EROSION CONTROL MATTING BE INSTALLED FOR ALL SEEDING AREAS.
 2. BEGIN AT TOP OF SLOPE AND/OR UPSTREAM AND ANCHOR FIBER MATTING IN A 12 INCH DEEP INITIAL ANCHOR TRENCH. BACKFILL TRENCH AND TAMP EARTH FIRMLY.
 3. UNROLL FIBER MATTING DOWNSLOPE IN THE DIRECTION OF WATER FLOW.
 4. OVERLAP EDGES OF ADJACENT PARALLEL ROLLS A MINIMUM 12 INCHES AND ANCHOR AT 12 INCHES O.C.
 5. WHEN MATTING MUST BE SPLICED, PLACE END OVER END (SHINGLE STYLE) WITH 12 INCH OVERLAP AND ANCHOR USING TWO STAGGERED ROWS OF STAKES AT 6 INCHES O.C.
 6. LAY MATTING LOOSELY AND ANCHOR SUFFICIENTLY TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
 7. FOR SLOPES 2:1 AND STEEPER, USE A MINIMUM 3 STAKES PER SQUARE YARD AND FOR SLOPES FLATTER THAN 2:1, USE A MINIMUM OF 2 STAKES PER SQUARE YARD.
 8. ANCHOR, FILL, AND COMPACT END OF MATTING IN A 12X6 INCH TERMINAL ANCHOR TRENCH (MIRROR IMAGE OF EXISTING TRENCH).

EROSION CONTROL MATTING DETAIL
NTS

BID SET	
	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY

File: C:\BIB\VAZEN\PROJECTS\LS1-300_Saved by TORONQUE Save date: 7/7/2022 11:00 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: ELIZABETH MOSKALENKO, RLA	DRAWN BY: ELIZABETH MOSKALENKO, RLA
CHECKED BY: KEVIN WARD	DESIGN LEAD: EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PROJECT MANAGER MARK DELBALZO, P.E.

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www.nyc.gov/dep

REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624
LANDSCAPE DETAILS

DATE: MAY 2023
SHEET NO: 17 OF No. 121
DRAWING NO. LS1-300

Summary of Confirmed Hazardous Materials for the Basement, Crawlspace

Lead and PCBs

Material Description	Location	Hazard	Quantity	Sample ID
Black paint*	Drain pipe	Lead-based, TSCA-regulated PCBs	28 linear ft	CAT423-BASE-PC-18
Brown paint*	Drain pipe	Lead-based, TSCA-regulated PCBs	286 linear ft	CAT423-BASE-PC-19
Green paint*	Pipe	Lead-based, TSCA-regulated PCBs	110 linear ft	CAT423-BASE-PC-21
Yellow paint*	Pipe	Lead-based, TSCA-regulated PCBs	88 linear ft (2 pipes)	CAT423-BASE-PC-22
Blue paint*	Pipe	Lead-based, PCB-containing	---	CAT423-BASE-PC-20
Lead packing	Drain pipes	Lead joints	143 locations	---

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Brown 4" gasket	Pipe	CAT423-BASE-ASB-94,95	3.5 ft ² (7 locations)	Damaged	Non-friable

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Chemical waste tank (concrete)	Crawlspace	1 (approx. 200 gal)	Mercury and corrosive hazardous waste**

Notes:

- * - Paints are in poor condition.
- ** - Contents of chemical waste tank were not investigated during survey.

Summary of Confirmed Hazardous Materials for the Basement, Hallway

Lead and PCBs

Material Description	Location	Hazard	Quantity	Sample ID
Brown paint	Drain pipe (4")	Lead-based, TSCA-regulated PCBs	15 linear ft	CAT423-BASE-PC-19
Blue paint	Pipe	Lead-based, PCB-containing	---	CAT423-BASE-PC-20
White paint	Walls	Lead-based, PCB-containing	---	CAT423-1ST-PC-13
Grey/blue paint	Floor	Lead-containing	---	CAT423-1ST-PC-09
Lead packing	Drain pipes	Lead joints	7 locations	---

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black tar	Floor	2E	2 ft ²	Damaged	Non-friable

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Exit/Emergency light	Wall	2 bulbs	Universal waste
		1 circuit board	Electronic waste
		1 lead battery	Universal waste
Fire extinguisher	Wall	1	Regulated waste

Summary of Confirmed Hazardous Materials for the Basement, Electrical Room

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Beige paint	Wall/ceiling	Lead-based, PCB-containing	CAT423-BASE-PC-14
Grey/blue paint	Floor	Lead-containing	CAT423-1ST-PC-09
Grey/silver paint	Electrical panels	Lead-containing, PCB-containing	CAT423-BASE-PC-15
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11

Asbestos

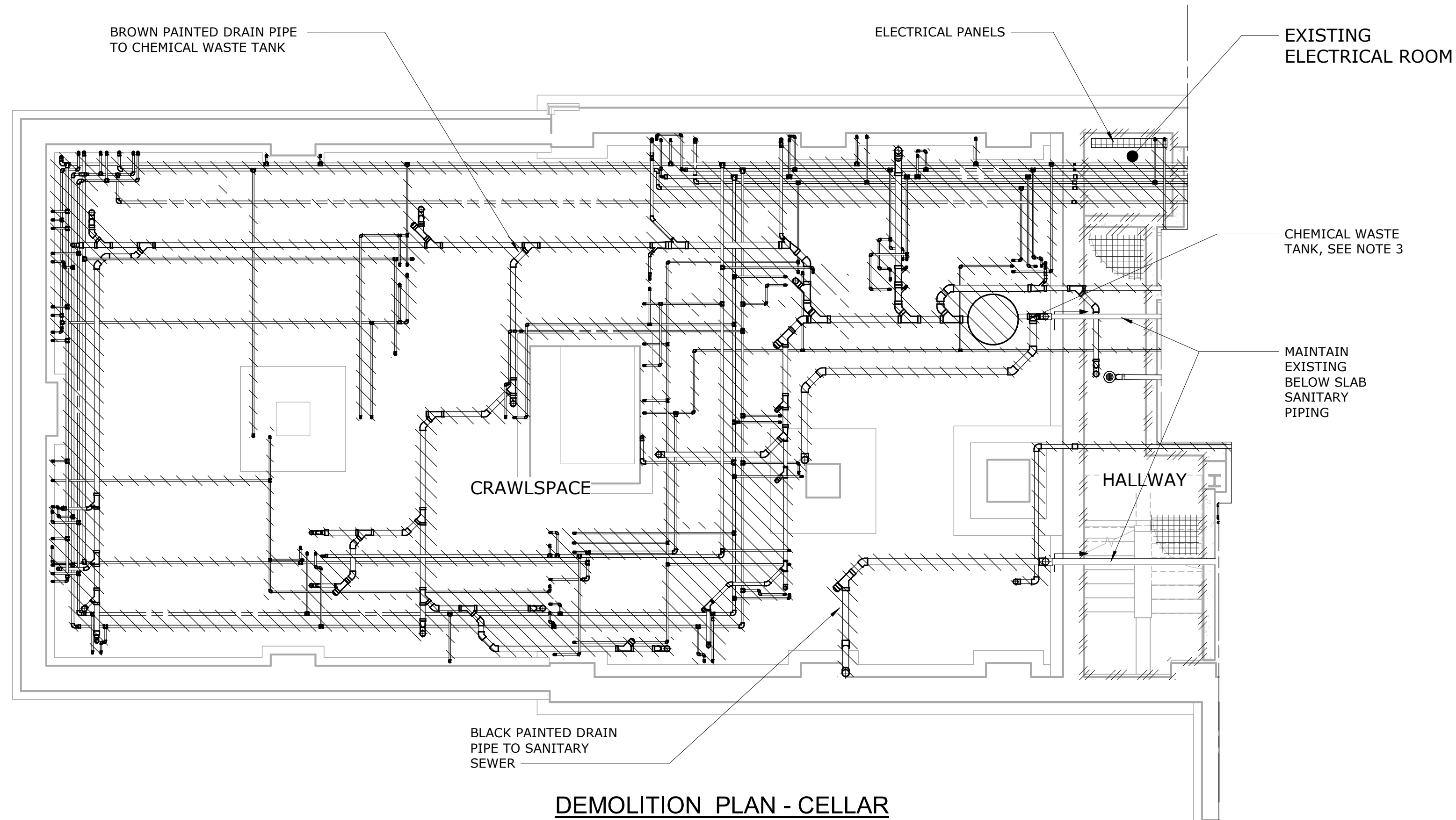
Material Description	Location	Sample ID	Quantity	Condition	Friability
Transite arc panels*	Electrical panels	---	20 ft ² (2 locations)	Unknown	Unknown
Grey caulk**	Door	191-06-01	20 linear ft	Good	Non-friable

Notes:

- * - Item is presumed to be present and asbestos containing.
- ** - Caulk is presumed to be present under the entire steel frame (approx. 8" wide).



ASBESTOS-CONTAINING BROWN 4" GASKET IN THE BASEMENT, CRAWLSPACE (CAT423-BASE-ASB-94,95).



DEMOLITION PLAN - CELLAR

3/16" = 1'-0"

LEGEND

- \\ \\ \\ PIPING / DUCT / PAINT TO BE REMOVED CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
- /// REMOVE EXISTING FINISHES. WALL PAINT CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
- ||||| CONTAINS ASBESTOS AND TO BE REMOVED. SEE TABLES FOR CONDITION AND FRIABILITY



LEAD-BASED AND TSCA-REGULATED PCB BLUE PIPE PAINT IN THE BASEMENT, CRAWLSPACE (CAT423-BASE-PC-20)

NOTES:

- ALL REMOVAL AND ABATEMENT WORK SHALL BE DOWN TO THE BARE SUBSTRATE AND COMPLETED IN ACCORDANCE WITH DETAILED SPECIFICATIONS 01355 - HAZARDOUS MATERIALS CONTROL, AND SPECIFICATIONS 13281 - ASBESTOS MANAGEMENT, 13282 - MERCURY MANAGEMENT, 13283 - LEAD MANAGEMENT, AND 13284 - PCB MANAGEMENT, AS WELL AS FEDERAL, STATE, AND LOCAL REGULATIONS AS APPLICABLE.
- REFER TO THE HAZARDOUS MATERIAL SURVEY REPORT FOR THE KENSICO LABORATORY, REV. 1, MAY 2018, PREPARED BY BIDWELL ENVIRONMENTAL, LLC FOR SUMMARY OF SAMPLING LOCATIONS OF SUSPECT HAZARDOUS MATERIALS.
- REMOVAL AND DISPOSAL OF CHEMICAL WASTE TANK AND ASSOCIATED PIPING SHALL BE IN ACCORDANCE WITH DETAILED SPECIFICATION 02116 - ABOVE GROUND STORAGE TANK REMOVAL AND DISPOSAL.
- DUE TO THE UNKNOWN SOURCE OF THE ASBESTOS-CONTAINING BLACK TAR, THE CONTRACTOR SHALL SURVEY THE BASEMENT TO CONFIRM LOCATIONS AND QUANTITIES PRIOR TO REMOVAL.
- CRAWLSPACE IS CONSIDERED A NON-PERMIT REQUIRED CONFINED SPACE.
- MATERIALS CONTAINING < 5,000 MG/KG OR ≥ 5,000 MG/KG LEAD ARE CONSIDERED LEAD-CONTAINING OR LEAD-BASED, RESPECTIVELY.
- MATERIALS CONTAINING < 50 MG/KG OR ≥ 50 MG/KG PCBs ARE CONSIDERED PCB-CONTAINING OR TSCA-REGULATED, RESPECTIVELY.
- MATERIALS CONTAINING MORE THAN 1% ASBESTOS ARE CONSIDERED ASBESTOS-CONTAINING MATERIALS.
- QUANTITIES AND LOCATIONS ARE APPROXIMATE FOR ASBESTOS-CONTAINING MATERIALS, TSCA-REGULATED PCBs AND UNIVERSAL OTHER REGULATED MATERIALS AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
- EXISTING SANITARY PIPES AND FLOOR DRAINS THAT ARE AT OR BELOW SLAB ELEVATION TO BE MAINTAINED. ALL OTHER PIPES BELOW THE CONCRETE SLAB SHALL BE ABANDONED AND CAPPED.
- ALL HOLES CREATED BY REMOVED PIPES TO BE FILLED. REFER TO S-501 FOR REPAIR DETAIL.

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 HAZMAT EXISTING CELLAR - DEMOLITION PLAN	
DATE: MAY 2023 SCALE: SHEET NO: 18 OF No. 121 DRAWING NO. HZ-100	

DESIGNED BY: R. NEUMANN, P.E.	DRAWN BY: M. LOPEZ		
CHECKED BY: E. BARBOE, P.E.	DESIGN LEAD: E. BARBOE, P.E.		
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

ACCOUNTABLE MANAGER JOSE NIEVES	
PORTFOLIO MANAGER MARK DELBALZO, P.E.	

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 VALHALLA, NEW YORK 10595-1336
 www.nyc.gov/dcp

Summary of Confirmed Hazardous Materials for the Basement, Storage Room

Lead and PCBs

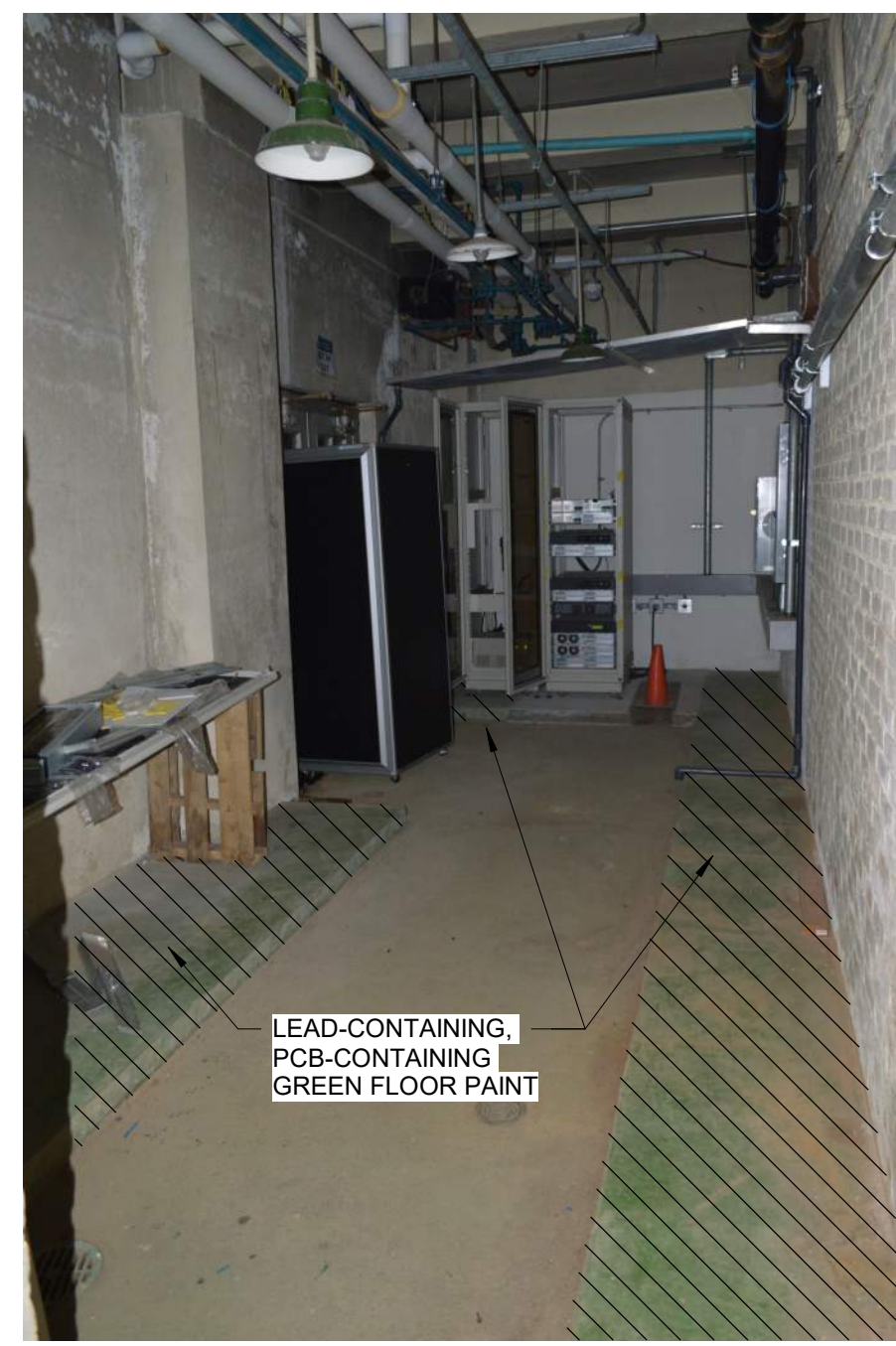
Material Description	Location	Hazard	Quantity	Sample ID
Black paint*	Drain pipe (4")	Lead-based, TSCA-regulated PCBs	38 linear ft	CAT423-BASE-PC-18
Brown paint*	Drain pipe (4")	Lead-based, TSCA-regulated PCBs	13 linear ft	CAT423-BASE-PC-19
Green paint*	Pipe (2")	Lead-based, TSCA-regulated PCBs	20 linear ft	CAT423-BASE-PC-21
Yellow paint*	Pipe (2")	Lead-based, TSCA-regulated PCBs	38 linear ft	CAT423-BASE-PC-22
White paint	Ceiling	Lead-based, PCB-containing	---	CAT423-BASE-PC-13
Blue paint*	Pipe	Lead-based, PCB-containing	---	CAT423-BASE-PC-20
Beige paint	Walls	Lead-based, PCB-containing	---	CAT423-BASE-PC-14
Green paint	Floor	Lead-containing, PCB-containing	---	CAT423-BASE-PC-12
Lead packing	Drain pipes	Lead joints	23 locations	---
Door closer oil	Door	PCB-containing	---	CAT423-1ST-PCB-11

Asbestos

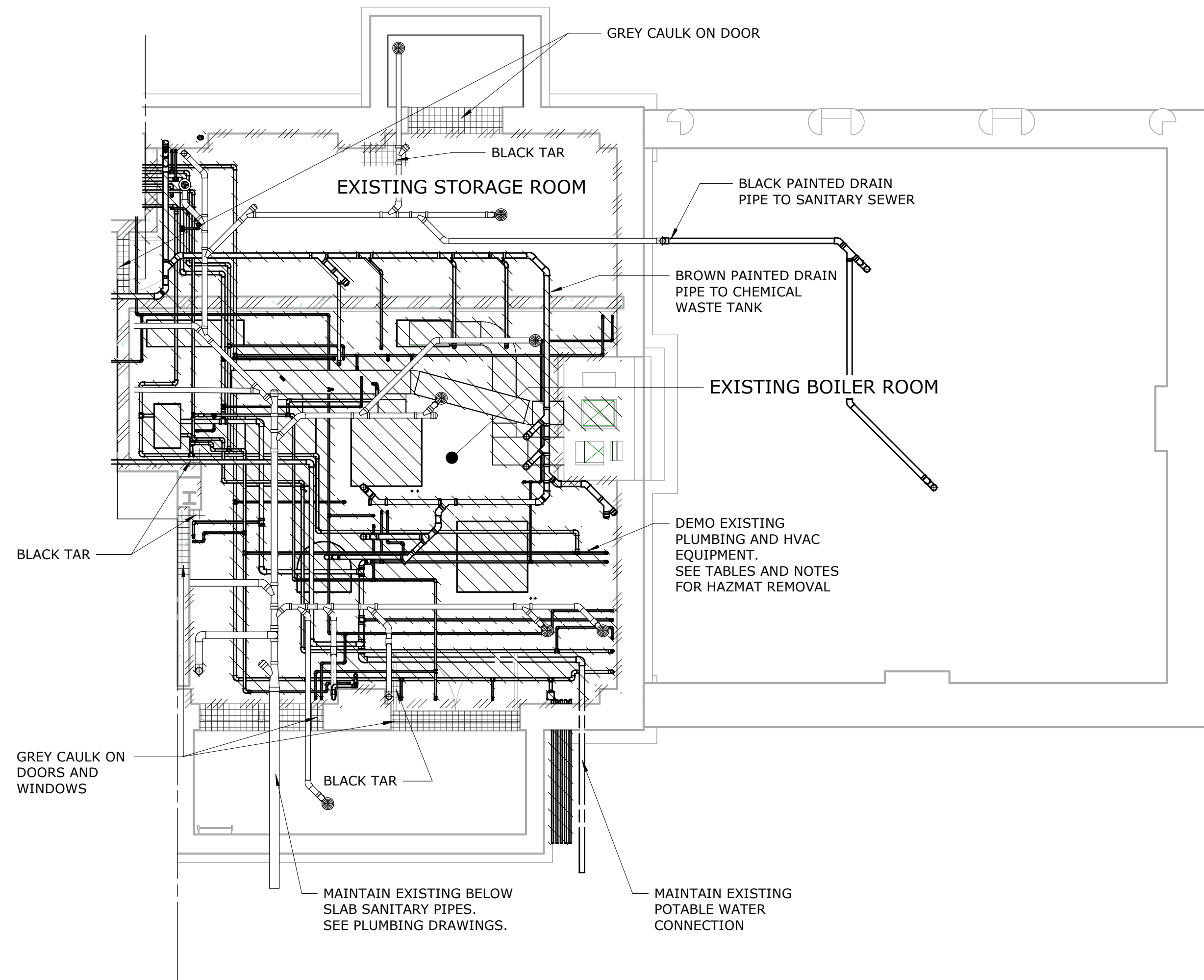
Material Description	Location	Sample ID	Quantity	Condition	Friability
Black tar coating	Floor	2E	4 ft ²	Damaged	Non-friable
Grey caulk**	Interior door	191-06-01	16 linear ft	Good	Non-friable
Grey caulk**	Exterior door	1, 2, 3	20 linear ft	Good	Non-friable

Notes:

- * - Paints are in poor condition.
- ** - Caulk is presumed to be present under the entire steel frame (approx. 8" wide).



LEAD-CONTAINING, PCB-CONTAINING FLOOR PAINT IN BASEMENT, STORAGE ROOM (CAT423-BASE-PC-12).



DEMOLITION PLAN - CELLAR
3/16" = 1'-0"

LEGEND

- ////// PIPING / DUCT / PAINT TO BE REMOVED CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
- //// REMOVE EXISTING FINISHES. WALL PAINT CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
- ##### CONTAINS ASBESTOS AND TO BE REMOVED. SEE TABLES FOR CONDITION AND FRIABILITY

Summary of Confirmed Hazardous Materials for the Basement, Boiler Room

Lead and PCBs

Material Description	Location	Hazard	Quantity	Sample ID
Black paint	Duct work	Lead-containing	---	191-01-LCP-01
Silver paint	Boiler	Lead-containing	---	191-01-LCP-02
White paint	Walls	Lead-based, PCB-containing	---	264428.08
Green paint	Floor	Lead-containing, PCB-containing	---	CAT423-BASE-PC-12
Green paint*	Pipes (2")	Lead-based, TSCA-regulated PCBs	60 linear ft	CAT423-BASE-PC-21
Yellow paint*	Pipes (2")	Lead-based, TSCA-regulated PCBs	60 linear ft	CAT423-BASE-PC-22
Grey/silver paint	Electrical panel	Lead-containing, PCB-containing	---	CAT423-BASE-PC-15
Black paint	Drain pipe	Lead-containing, PCB-containing	---	CAT423-BASE-PC-11
Grey caulk	Interior door	PCB-containing	---	CAT423-BASE-PCB-02
Lead packing	Drain pipes	Lead joints	36 locations	---
Door closer oil	Door	PCB-containing	---	CAT423-1ST-PCB-11

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Grey caulk**	Interior door	191-06-01	20 linear ft	Good	Non-Friable
Grey caulk**	Exterior door	1, 2, 3	26 linear ft	Good	Non-Friable
Grey caulk	Window	1, 2, 3	22 linear ft	Good	Non-Friable
Transite arc panels***	Electrical panel	---	33 ft ² (3 locations)	Good	Non-Friable
Black tar	Floor	2E	4 ft ² (3 locations)	Damaged	Non-Friable
White insulation****	Pipe	---	11 linear ft (5 locations)	Damaged	Friable

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Exit/Emergency light	Wall	2 bulbs	Universal waste
		1 circuit board	Electronic waste
		1 lead battery	Universal waste
Fire extinguisher	Wall	1	Regulated waste

Notes:

- * - Paint is in poor condition.
- ** - Caulk is presumed to be present under the entire steel frame (approx. 8" wide).
- *** - Item is presumed to be present and asbestos containing.
- **** - Insulation extends through the wall into the Basement, Storage Room and is presumed asbestos containing.

NOTES:

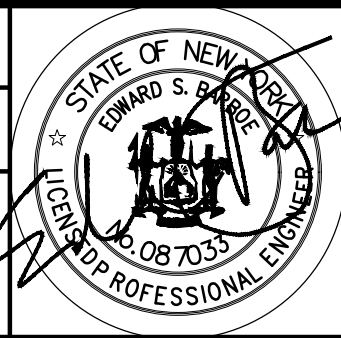
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4. DUE TO THE UNKNOWN SOURCE OF THE ASBESTOS-CONTAINING BLACK TAR, THE CONTRACTOR SHALL SURVEY THE BASEMENT TO CONFIRM LOCATIONS AND QUANTITIES PRIOR TO REMOVAL.
5. CRAWLSPACE IS CONSIDERED A NON-PERMIT REQUIRED CONFINED SPACE.
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7. MATERIALS CONTAINING < 50 MG/KG OR ≥ 50 MG/KG PCBs ARE CONSIDERED PCB-CONTAINING OR TSCA-REGULATED, RESPECTIVELY.
8. MATERIALS CONTAINING MORE THAN 1% ASBESTOS ARE CONSIDERED ASBESTOS-CONTAINING MATERIALS.
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BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY

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DESIGNED BY: R. NEUMANN, P.E.	DRAWN BY: M. LOPEZ		
CHECKED BY: E. BARBOE, P.E.	DESIGN LEAD: E. BARBOE, P.E.		
Hazen			
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

ACCOUNTABLE MANAGER JOSE NIEVES	"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION. 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION. 7209.2."
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NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY
465 COLUMBUS AVENUE, SUITE 270
VALHALLA, NEW YORK 10595-1336
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624
HAZMAT EXISTING CELLAR - DEMOLITION PLAN

DATE: MAY 2023
SCALE:
SHEET NO: 19 OF No. 121
DRAWING NO. HZ-101

Summary of Confirmed Hazardous Materials for the First Floor, Physical Laboratory (Microbiology Lab)

Lead and PCBs

Material Description	Location	Hazard	Sample ID
White paint	Ceiling	Lead-containing, PCB-containing	264428.07
Grey caulk	Windows	PCB-containing	CAT423-1ST-PCB-01
Green glazed tile	Walls	Lead-containing	CAT423-1ST-PB-03
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiators	CAT423-2ND-ASB-28,29	70 ft ² (3 locations)	Good	Non-friable
Brown wire wrap	Radiators	CAT423-1ST-ASB-38,39	15 linear ft (3 locations)	Good	Non-friable
Black insulation spot coating	Duct work	30A, 31A, 44A	420 ft ²	Unknown	Unknown
Caulk behind door frame*	Door	---	20 linear ft	Unknown	Unknown

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	14, 8 ft bulbs	Universal waste
Ballasts	Ceiling	7	Non-hazardous regulated waste (no PCBs)
Exit/Emergency light	Wall	2 bulbs	Universal waste
		1 circuit board	Electronic waste
		1 lead battery	Universal waste
Fire extinguisher	Wall	1	Regulated waste
Refrigerator**	Wall	1	Regulated waste

Notes:

* - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

** - Refrigerator uses Freon 134a (1,1,1,2-Tetrafluoroethane) as a refrigerant.

Summary of Confirmed Hazardous Materials for the First Floor, General Laboratory (Instrumentation)

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Grey caulk	Windows	PCB-containing	CAT423-1ST-PCB-01
Green glazed tile	Walls	Lead-containing	CAT423-1ST-PB-03
White paint	Ceiling	Lead-containing, PCB-containing	264428.07
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11
Lead packing	Drain piping	Lead joints (7 locations)	---

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiators	CAT423-2ND-ASB-28,29	70 ft ² (3 locations)	Good	Non-friable
Brown wire wrap	Radiators	CAT423-1ST-ASB-38,39	15 linear ft (3 locations)	Good	Non-friable
Black insulation spot coating	Duct work	30A, 31A, 44A	540 ft ²	Unknown	Unknown
Green 9x9" tile	Floor	NA*	465 ft ²	Good	Non-friable
Caulk behind door frame**	Door	---	20 linear ft	Unknown	Unknown

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	12, 8 ft bulbs	Universal waste
Ballasts	Ceiling	6	Non-hazardous regulated waste (no PCBs)
Exit/Emergency light	Wall	2 bulbs	Universal waste
		1 circuit board	Electronic waste
		1 lead battery	Universal waste

Notes:

NA -Not applicable

* - Green floor tile confirmed ACM by NYCDEP Legacy Database.

** - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

Summary of Confirmed Hazardous Materials for the First Floor, Dark Room (Storage)

Lead and PCBs

Material Description	Location	Hazard	Sample ID
White paint	Ceiling	Lead-containing, PCB-containing	264428.07
Green glazed tile	Wall	Lead-containing	CAT423-1ST-PB-03

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black insulation spot coating	Duct work	30A, 31A, 44A	300 ft ²	Unknown	Unknown
Green 9x9" tile	Floor	NA*	86 ft ²	Good	Non-friable
Caulk behind door frame**	Door	---	20 linear ft	Unknown	Unknown

Universal and other Miscellaneous Wastes

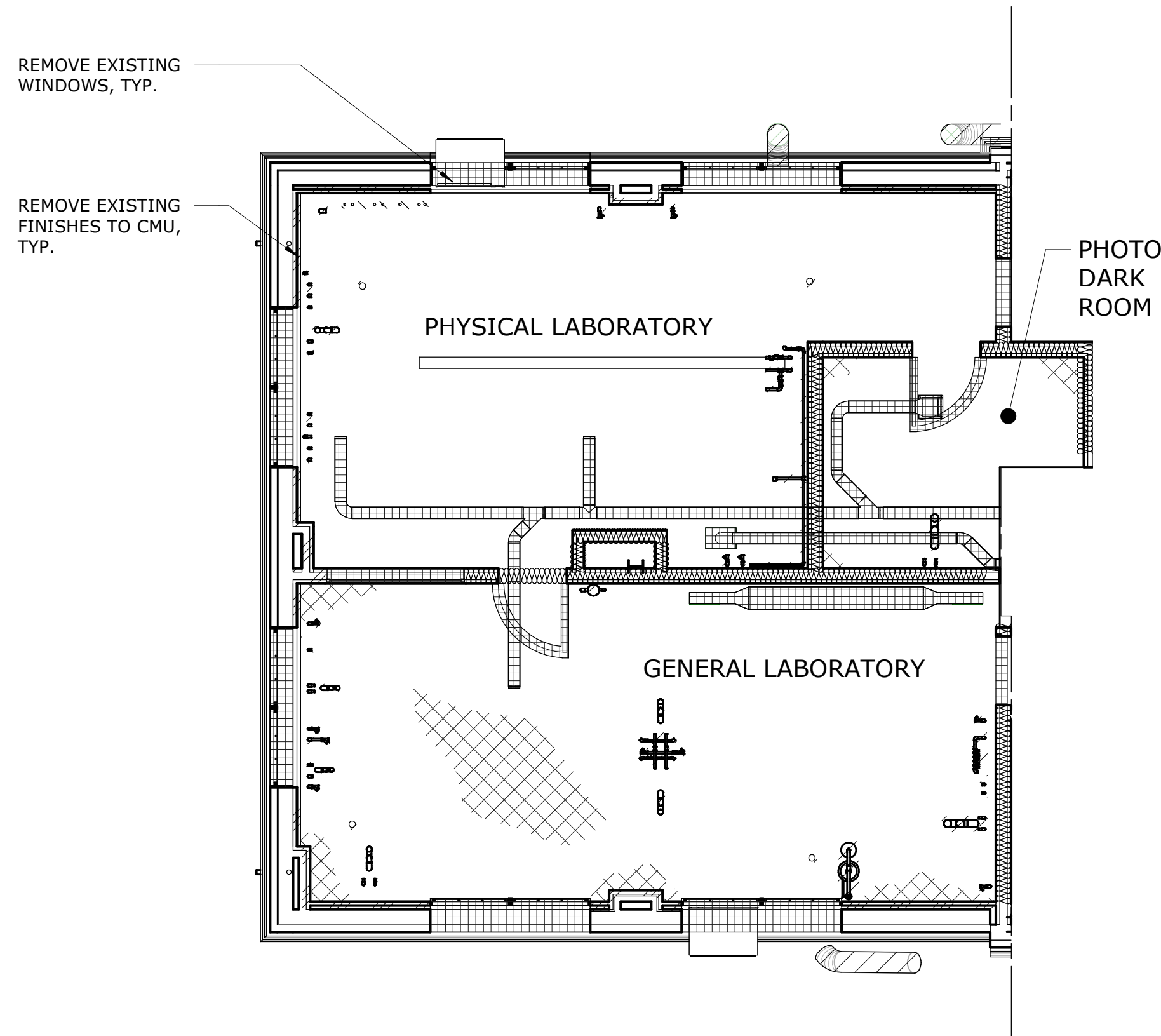
Material Description	Location	Quantity	Waste Classification
Fluorescent lights	Ceiling	2, 4 ft bulbs	Universal waste
Ballasts	Ceiling	1	Non-hazardous regulated waste (no PCBs)

Notes:

* - Green floor tile confirmed to be ACM by NYCDEP Legacy Database.

** - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

NA - Not applicable



DEMOLITION PLAN - FIRST FLOOR

3/16" = 1'-0"

LEGEND

- ////// DEMOLISH. SEE TABLES FOR HAZARDS.
- //// REMOVE EXISTING FINISHES TO CMU. WALL PAINT/TILES CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
- //// REMOVE EXISTING INTERIOR PARTITIONS. WALL PAINT/TILES CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
- ##### CONTAINS ASBESTOS AND TO BE REMOVED. SEE TABLES FOR CONDITION AND FRIABILITY
- ◇◇◇◇ GREEN FLOOR TILES CONTAINS ASBESTOS AND TO BE REMOVED. SEE TABLES FOR CONDITION AND FRIABILITY

NOTES:

1. ALL REMOVAL AND ABATEMENT WORK SHALL BEDOWN TO THE BARE SUBSTRATE AND COMPLETED IN ACCORDANCE WITH DETAILED SPECIFICATIONS 01355 - HAZARDOUS MATERIALS CONTROL, AND SPECIFICATIONS 13281- ASBESTOS MANAGEMENT, 13282 - MERCURY MANAGEMENT, 13283 - LEAD MANAGEMENT, AND 13284 - PCB MANAGEMENT, AS WELL AS FEDERAL, STATE, AND LOCAL REGULATIONS AS APPLICABLE.
2. REFER TO THE HAZARDOUS MATERIAL SURVEY REPORT FOR THE KENSICO LABORTORY, REV. 1, MAY 2018, PREPARED BY BIDWELL ENVIRONMENTAL, LLC FOR SUMMARY OF SAMPLING LOCATIONS OF SUSPECT HAZARDOUS MATERIALS.
3. MATERIALS CONTAINING < 5,000 MG/KG OR ≥ 5,000 MG/KG LEAD ARE CONSIDERED LEAD-CONTAINING OR LEAD-BASED, RESPECTIVELY.
4. MATERIALS CONTAINING < 50 MG/KG OR ≥ 50 MG/KG PCBs ARE CONSIDERED PCB-CONTAINING OR TSCA-REGULATED, RESPECTIVELY.
5. MATERIALS CONTAINING MORE THAN 1% ASBESTOS ARE CONSIDERED ASBESTOS-CONTAINING MATERIALS.
6. QUANTITIES AND LOCATIONS ARE APPROXIMATE FOR ASBESTOS-CONTAINING MATERIALS, TSCA-REGULATED PCBs AND UNIVERSAL OTHER REGULATED MATERIALS AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
7. ALL HOLES CREATED BY REMOVED PIPES TO BE FILLED. REFER TO S-501 FOR REPAIR DETAIL.

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY

DESIGNED BY: R. NEUMANN, P.E.	DRAWN BY: M. LOPEZ			ACCOUNTABLE MANAGER JOSE NIEVES PORTFOLIO MANAGER MARK DELBALZO, P.E.	*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION. 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION. 7209.2.*	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dcp	REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 HAZMAT EXISTING FIRST FLOOR - DEMOLITION PLAN	DATE: MAY 2023
CHECKED BY: E. BARBOE, P.E.	DESIGN LEAD: E. BARBOE, P.E.							SCALE: SHEET NO: 20 OF No. 121
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D					DRAWING NO. HZ-102

Summary of Confirmed Hazardous Materials for the First Floor, Water and Sewage Laboratory (Wet Chemistry Lab)

Lead and PCBs

Material Description	Location	Hazard	Sample ID
White paint	Ceiling	Lead-containing, PCB-containing	264428.07
Grey caulk	Windows	PCB-containing	CAT423-1ST-PCB-01
Green glazed tile	Wall	Lead-containing	CAT423-1ST-PB-03
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11
Black paint	Duct work	Lead-containing, PCB-containing	264428.02

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiators	CAT423-2ND-ASB-28,29	70 ft ² (3 locations)	Good	Non-friable
Brown wire wrap	Radiators	CAT423-1ST-ASB-38,39	12 linear ft (3 locations)	Good	Non-friable
Grey caulk	Windows	1, 2, 3	82 linear ft (3 locations)	Good	Non-friable
Black insulation spot coating	Duct work	30A, 31A, 44A	660 ft ²	Unknown	Unknown
Green 9x9" tile	Floor	NA*	800 ft ²	Good	Non-friable
Caulk behind door frame**	Door	---	40 linear ft (2 locations)	Unknown	Unknown
White insulation	Piping	0913040201E, 2E, 3E	100 linear ft	Good	Non-friable
White insulation	Piping	0913040201E, 2E, 3E	20 elbows	Good	Non-friable

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	12, 8 ft bulbs	Universal waste
		4, 4 ft bulbs	Universal waste
Ballasts	Ceiling	8	Non-hazardous regulated waste (no PCBs)
Exit/Emergency light	Wall	2 bulbs	Universal waste
		1 circuit board	Electronic waste
		1 lead battery	Universal waste
Fire extinguishers	Wall	2	Regulated waste
Refrigerator***	Wall	1	Regulated waste

Notes:

* - Green floor tile confirmed ACM by NYCDEP Legacy Database.

** - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

*** - Refrigerator uses Freon 134a (1,1,1,2-Tetrafluoroethane) as a refrigerant.

NA - Not applicable

Summary of Confirmed Hazardous Materials for the First Floor, Entrance

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Black paint	Hand rail	Lead-based	CAT423-2ND-PC-06
White paint	Ceiling	Lead-containing, PCB-containing	264428.07
Green glazed tile	Wall	Lead-containing	CAT423-1ST-PB-03

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Grey caulk	Window	1, 2, 3	28 linear ft	Good	Non-friable
Black shielding	Radiator	CAT423-2ND-ASB-28,29	25 ft ²	Good	Non-friable
Brown wire wrap (presumed present)	Radiator	CAT423-1ST-ASB-38,39	5 linear ft	Good	Non-friable

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Exit sign/Emergency light	Wall	2 bulbs	Universal waste
		1 circuit board	Electronic waste
		1 lead battery	Universal waste
Fire extinguisher	Wall	1	Regulated waste

Summary of Confirmed Hazardous Materials for First Floor, Offices

Lead and PCBs

Material Description	Location	Hazard	Sample ID
White paint	Ceiling	Lead-containing, PCB-containing	264428.07
Beige over green paint	Dividing wall	Lead-containing, PCB-containing	CAT423-1ST-PC-10
Green glazed tile	Wall	Lead-containing	CAT423-1ST-PB-03
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11
Grey caulk	Windows	PCB-containing	CAT423-1ST-PCB-01

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiators	CAT423-2ND-ASB-28,29	46 ft ² (2 locations)	Good	Non-friable
Brown wire wrap	Radiators	CAT423-1ST-ASB-38,39	9 linear ft (2 locations)	Good	Non-friable
Grey caulk	Windows	1, 2, 3	55 linear ft (2 locations)	Good	Non-friable
Black insulation spot coating	Duct	30A, 31A, 44A	120 ft ²	Unknown	Unknown
Green 9x9" tile	Floor	NA*	300 ft ²	Good	Non-friable
Caulk behind door frame**	Door	---	40 linear ft (2 locations)	Unknown	Unknown
White insulation	Piping	0913040201E, 2E, 3E	48 linear ft	Good	Non-friable
White insulation	Piping	0913040201E, 2E, 3E	12 elbows	Good	Non-friable

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	6, 8 ft bulbs	Universal waste
		2, 4 ft bulbs	Universal waste
Ballasts	Ceiling	4	Non-hazardous regulated waste (no PCBs)
Emergency light	Wall	2 bulbs	Universal waste
		1 circuit board	Electronic waste
		1 lead battery	Universal waste

Notes:

* - Green tile confirmed ACM by NYCDEP Legacy Database.

** - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

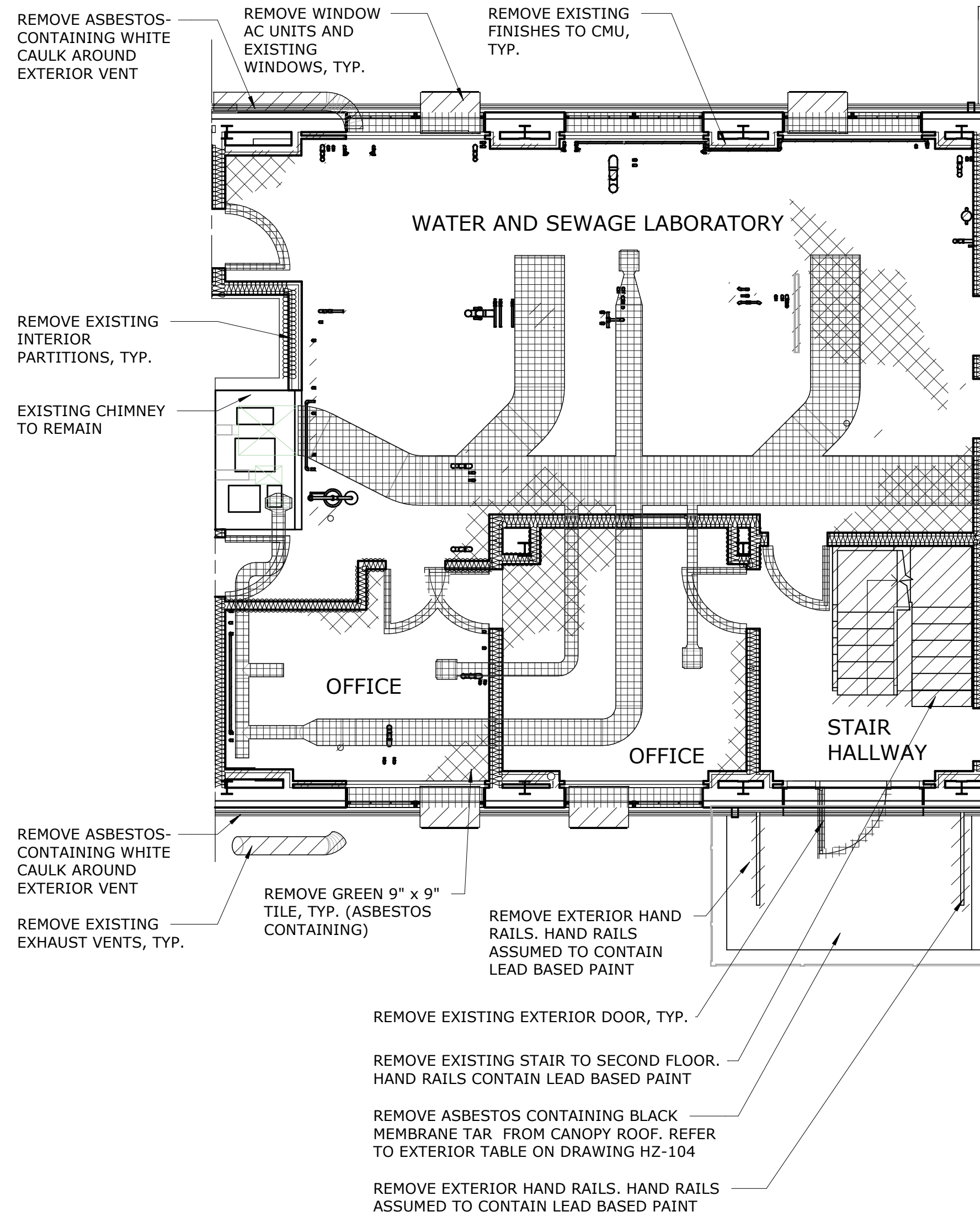
NA - Not Applicable

LEGEND

- DEMOLISH. SEE TABLES FOR HAZARDS.
- REMOVE EXISTING FINISHES TO CMU. WALL PAINT/TILES CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
- REMOVE EXISTING INTERIOR PARTITIONS. WALL PAINT/TILES CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
- CONTAINS ASBESTOS AND TO BE REMOVED. SEE TABLES FOR CONDITION AND FRIABILITY
- GREEN FLOOR TILES CONTAINS ASBESTOS AND TO BE REMOVED. SEE TABLES FOR CONDITION AND FRIABILITY

NOTES:

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- MATERIALS CONTAINING < 50 MG/KG OR ≥ 50 MG/KG PCBs ARE CONSIDERED PCB-CONTAINING OR TSCA-REGULATED, RESPECTIVELY.
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DEMOLITION PLAN - FIRST FLOOR

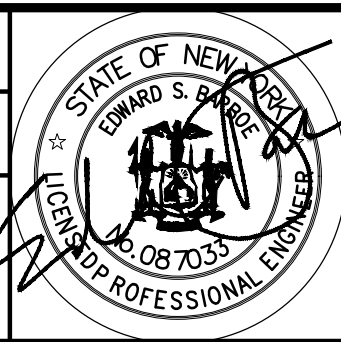
3/16" = 1'-0"

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
R. NEUMANN, P.E.
CHECKED BY:
E. BARBOE, P.E.

DRAWN BY:
M. LOPEZ
DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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www.nyc.gov/dcp

REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624
HAZMAT
EXISTING FIRST FLOOR - DEMOLITION PLAN

DATE: MAY 2023
SCALE:
SHEET NO:
21 OF No. 121
DRAWING NO.
HZ-103

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.

Summary of Confirmed Hazardous Materials for the First Floor, Reagent and Media Prep Room (Autoclave and Bottle Washing)

Lead and PCBs

Material Description	Location	Hazard	Sample ID
White paint	Ceiling	Lead-containing, PCB-containing	264428.07
Green glazed tile	Wall	Lead-containing	CAT423-1ST-PB-03
Grey caulk	Windows	PCB-containing	CAT423-1ST-PCB-01
Lead packing	Drain pipes	Lead joints (4 locations)	---

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiators	CAT423-2ND-ASB-28,29	46 ft2 (2 locations)	Good	Non-friable
Brown wire wrap (presumed present)	Radiators	CAT423-1ST-ASB-38,39	9 linear ft (2 locations)	Good	Non-friable
Grey caulk	Windows	1, 2, 3	55 linear ft (2 locations)	Good	Non-friable
Black insulation spot coating	Duct work	30A, 31A, 44A	720 ft2	Unknown	Unknown
Green 9x9" tile	Floor	NA*	500 ft2	Good	Non-friable
Caulk behind door frame**	Door	---	20 linear ft	Unknown	Unknown
White insulation	Piping	0913040201E, 2E, 3E	28 linear ft	Good	Non-friable
White insulation	Piping	0913040201E, 2E, 3E	2 elbows	Good	Non-friable

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	4, 4 ft bulbs	Universal waste
		8, 8 ft bulbs	Universal waste
Ballasts	Ceiling	6	Non-hazardous regulated waste (no PCBs)
Fire extinguisher	Wall	1	Regulated waste
Exit/Emergency light	Wall	2 bulbs	Universal waste
		1 circuit board	Electronic waste
		1 lead battery	Universal waste

Notes:

* - Green floor tile confirmed ACM by NYCDPE Legacy Database.

** - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

NA - Not applicable

Summary of Confirmed Hazardous Materials for the First Floor, Garage

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Green concrete	Floor	Lead-containing	CAT423-1ST-PC-16
Grey over red paint	Support beam	Lead-based	CAT423-1ST-PC-17

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	12, 8 ft bulbs	Universal waste
Ballasts	Ceiling	6	Non-hazardous regulated waste (no PCBs)
Refrigerators*	Wall	2	Regulated waste
Fire extinguishers	Wall	2	Regulated waste

Notes:

* - Refrigerators uses Freon 134a (1,1,1,2-Tetrafluoroethane) as a refrigerant.

Summary of Confirmed Hazardous Materials for the First Floor, Sample Reception Room (Sample Log-in and Bottle Storage)

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Grey/blue paint	Floor	Lead-containing	CAT423-1ST-PC-09
White paint	Ceiling	Lead-containing, PCB-containing	264428.07
Green glazed tile	Walls	Lead-containing	CAT423-1ST-PB-03
Grey caulk	Windows	PCB-containing	CAT423-1ST-PCB-01
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiators	CAT423-2ND-ASB-28,29	46 ft2 (2 locations)	Good	Non-friable
Brown wire wrap (presumed present)	Radiators	CAT423-1ST-ASB-38,39	9 linear ft (2 locations)	Good	Non-friable
Grey caulk	Windows	1, 2, 3	28 linear ft (1 location)	Good	Non-friable
Green 9x9" tile	Floor	NA*	235 ft2	Good	Non-friable
Black insulation spot coating	Duct work	30A, 31A, 44A	180 ft2	Unknown	Unknown
Caulk behind door frame**	Door	---	20 linear ft	Unknown	Unknown
White insulation	Piping	0913040201E, 2E,3E	45 linear ft	Good	Non-friable
White insulation	Piping	0913040201E, 2E,3E	12 elbows	Good	Non-friable

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	6 bulbs	Universal waste
Ballasts	Ceiling	3	Non-hazardous regulated waste (no PCBs)
Exit/Emergency Light	Wall	2 bulbs	Universal waste
		1 circuit board	Electronic waste
		1 lead battery	Universal waste

Notes:

* - Green floor tile confirmed ACM by NYCDPE Legacy Database.

** - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

NA - Not Applicable

LEGEND

- /// DEMOLISH. SEE TABLES FOR HAZARDS.
- //// REMOVE EXISTING FINISHES TO CMU. WALL PAINT/TILES CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
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- MATERIALS CONTAINING MORE THAN 1% ASBESTOS ARE CONSIDERED ASBESTOS-CONTAINING MATERIALS.
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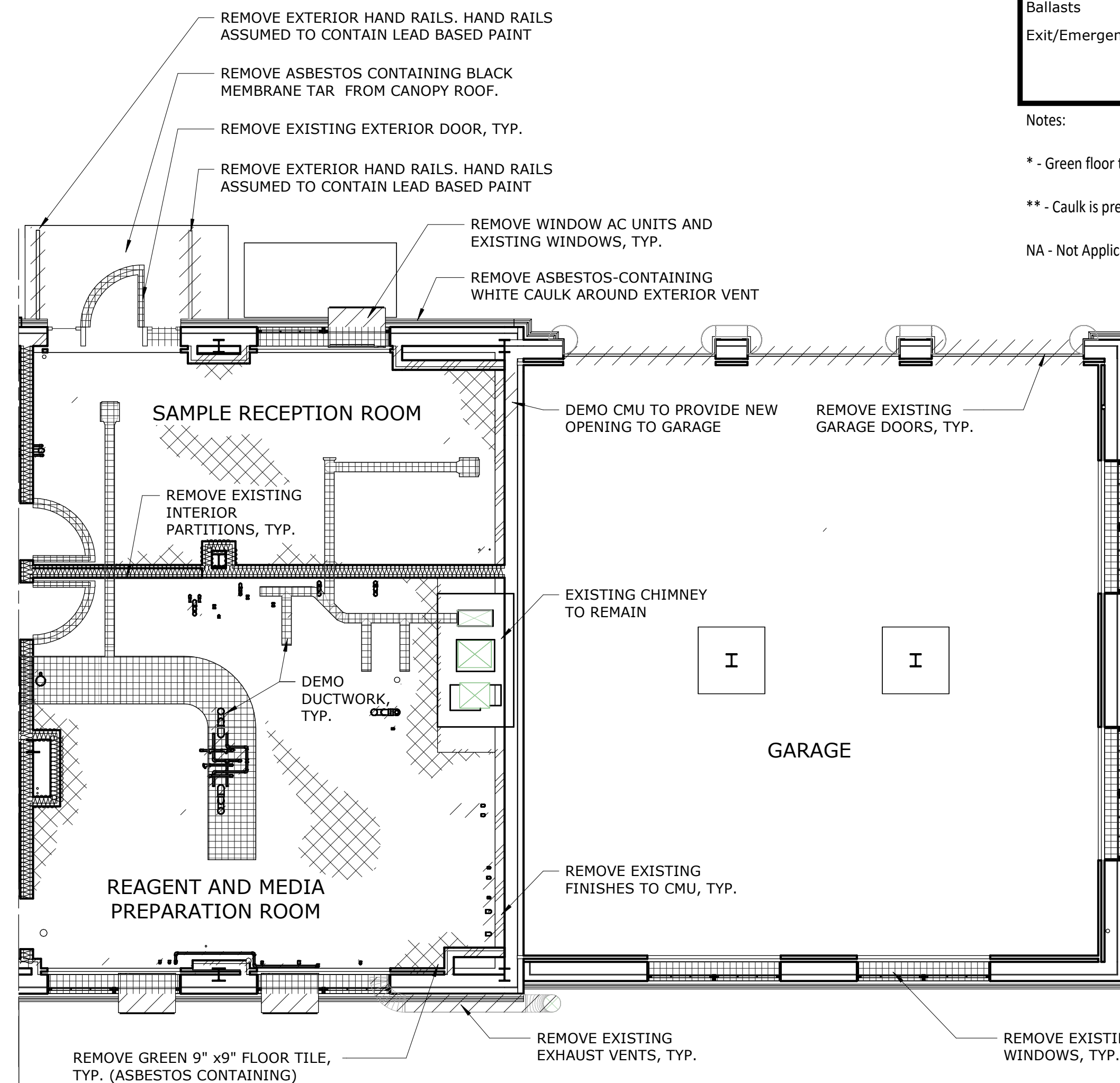
Summary of Confirmed Hazardous Materials for the Laboratory Exterior

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black membrane tar	Canopy over north wall entranceway	0821060213E	132 ft2	Damaged	Non-friable
Black membrane tar	Canopy over south wall entranceway	0821060213E	132 ft2	Damaged	Non-friable
White caulk	Vents	CAT423-EXT-ASB-84,85	18 linear ft (3 locations)	Significantly damaged	Non-friable



ASBESTOS CONTAINING WHITE CAULK AROUND EXTERIOR VENT, TYP. (CAT423-EXT-ASB-84, 85)



DEMOLITION PLAN - FIRST FLOOR

3/16" = 1'-0"

DESIGNED BY: R. NEUMANN, P.E. CHECKED BY: E. BARBOE, P.E.	DRAWN BY: M. LOPEZ DESIGN LEAD: E. BARBOE, P.E.			ACCOUNTABLE MANAGER JOSE NIEVES PORTFOLIO MANAGER MARK DELBALZO, P.E.	*WARNING-IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.*	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dcp	REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 HAZMAT EXISTING FIRST FLOOR - DEMOLITION PLAN	DATE: MAY 2023
								SCALE: SHEET NO: 22 OF No. 121 DRAWING NO. HZ-104

Summary of Confirmed Hazardous Materials for the Second Floor, Men's Restroom

Lead and PCBs

Material Description	Location	Hazard	Sample ID
White paint	Sink drain pipe	Lead-containing, PCB-containing	CAT423-2ND-PC-03
White paint	Ceiling	Lead-containing, PCB-containing	264428.03
Green glazed tile	Wall	Lead-containing	CAT423-1ST-PB-03
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiator	CAT423-2ND-ASB-28,29	23 ft ² (1 location)	Good	Non-friable
Black caulk	Radiator	CAT423-2ND-ASB-26,27	3.5 linear ft (1 location)	Good	Non-friable
Grey caulk	Windows	1, 2, 3	28 linear ft (1 location)	Good	Non-friable
Caulk behind door frame*	Door	---	20 linear ft	Unknown	Unknown

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	2, 4 ft bulbs	Universal waste
Ballast	Ceiling	1	Non-hazardous regulated waste (no PCBs)

Notes:

* - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

Summary of Confirmed Hazardous Materials for the Second Floor, Stairwell

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Black paint	Hand rail	Lead-based	CAT423-2ND-PC-06
White paint	Ceiling	Lead-containing, PCB-containing	264428.03
Green glazed tile	Wall	Lead-containing	CAT423-1ST-PB-03

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiator	CAT423-2ND-ASB-28,29	23 ft ² (1 location)	Good	Non-friable
Grey caulk	Window	1, 2, 3	28 linear ft (1 location)	Good	Non-friable

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Emergency light	Wall	2 bulbs	Universal waste
		1 circuit board	Electronic waste
		1 lead battery	Universal waste

Summary of Confirmed Hazardous Materials for the Second Floor, Library and Conference Room (Microbiology Office)

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Blue over beige paint	Walls	Lead-based, PCB-containing	CAT423-2ND-PC-01
Grey vinyl covebase	Walls	Lead-containing	CAT423-2ND-PB-01
Beige paint	Walls	Lead-containing	264428.04
Beige paint	Ceiling	Lead-containing, PCB-containing	191-19-LCP-01
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiators	CAT423-2ND-ASB-28,29	46 ft ² (2 radiators)	Good	Non-friable
Grey caulk around frame	Windows	1, 2, 3	55 linear ft (2 windows)	Good	Non-friable
Caulk behind door frame*	Door	---	20 linear ft	Unknown	Unknown

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	8, 4 ft bulbs	Universal waste
Ballasts	Ceiling	4 ballasts	Non-hazardous regulated waste (no PCBs)

* - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

Summary of Confirmed Hazardous Materials for the Second Floor, Drafting Room (Administration Office)

Lead and PCBs

Material Description	Location	Hazard	Sample ID
White paint	Ceiling	Lead-containing, PCB-containing	264428.05
Blue over beige paint	Walls	Lead-based, PCB-containing	CAT423-2ND-PC-01
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiators	CAT423-2ND-ASB-28,29	70 ft ² (3 radiators)	Good	Non-friable
Grey caulk around frame	Windows	1, 2, 3	82 linear ft (3 windows)	Good	Non-friable
Caulk behind door frame*	Door	---	20 linear ft	Unknown	Unknown

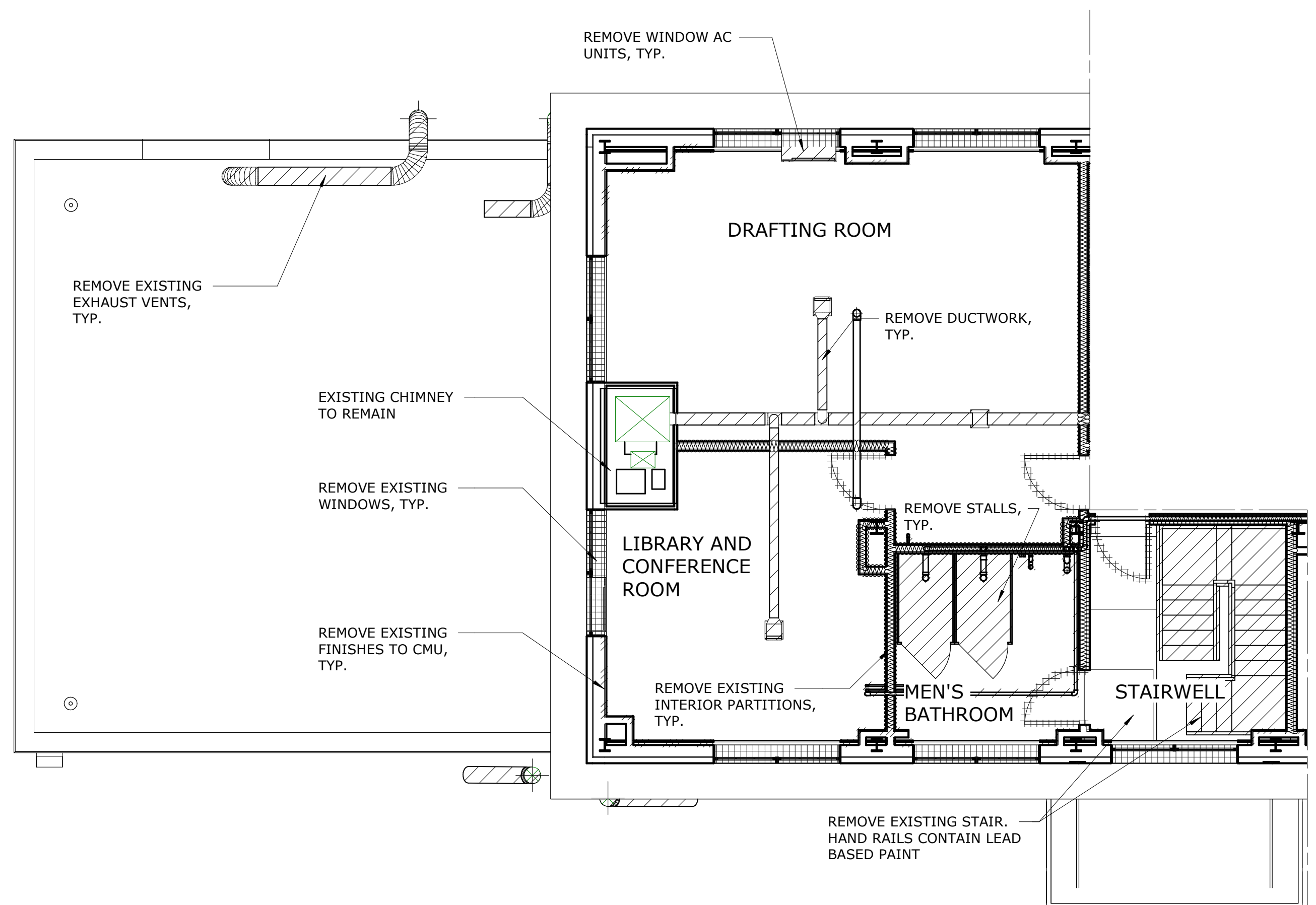
Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	14, 8 ft bulbs	Universal waste
Ballasts	Ceiling	7 ballasts	Non-hazardous regulated waste (no PCBs)

* - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

NOTES:

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- MATERIALS CONTAINING < 50 MG/KG OR ≥ 50 MG/KG PCBs ARE CONSIDERED PCB-CONTAINING OR TSCA-REGULATED, RESPECTIVELY.
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- QUANTITIES AND LOCATIONS ARE APPROXIMATE FOR ASBESTOS-CONTAINING MATERIALS, TSCA-REGULATED PCBs AND UNIVERSAL OTHER REGULATED MATERIALS AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
- ALL HOLES CREATED BY REMOVED PIPES TO BE FILLED. REFER TO S-501 FOR REPAIR DETAIL.



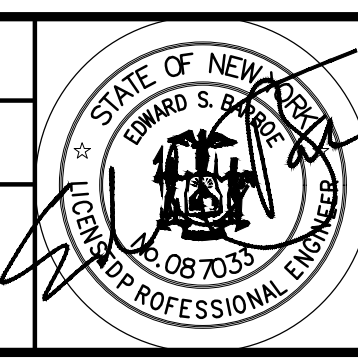
DEMOLITION PLAN - SECOND FLOOR

3/16" = 1'-0"

LEGEND

- DEMOLISH. SEE TABLES FOR HAZARDS.
- REMOVE EXISTING FINISHES TO CMU. WALL PAINT/TILES CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
- REMOVE EXISTING INTERIOR PARTITIONS. WALL PAINT/TILES CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
- CONTAINS ASBESTOS AND TO BE REMOVED. SEE TABLES FOR CONDITION AND FRIABILITY

DESIGNED BY: R. NEUMANN, P.E.	DRAWN BY: M. LOPEZ
CHECKED BY: E. BARBOE, P.E.	DESIGN LEAD: E. BARBOE, P.E.



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PORTFOLIO MANAGER MARK DELBALZO, P.E.	

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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023
	SCALE: SHEET NO: 23 OF No. 121
HAZMAT EXISTING SECOND FLOOR - DEMOLITION PLAN	DRAWING NO. HZ-105

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All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.

Summary of Confirmed Hazardous Materials for the Second Floor, Hallway

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Green paint	Walls	Lead-containing, PCB-containing	CAT423-2ND-PC-02
Beige paint	Ceiling	Lead-containing, PCB-containing	191-19-LCP-01
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Caulk behind door frame*	Door	---	20 linear ft	Unknown	Unknown

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Exit/Emergency light	Above door	2 bulbs	Universal waste
		1 circuit board	Electronic waste
		1 lead battery	Universal waste

Notes:

* - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

Summary of Confirmed Hazardous Materials for the Second Floor, Watershed Office (Conference Room)

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Beige paint	Ceiling	Lead-containing, PCB-containing	191-19-LCP-01
Blue over beige paint	Walls	Lead-based, PCB-containing	CAT423-2ND-PC-01
Grey vinyl covebase	Walls	Lead-containing	CAT423-2ND-PB-01
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiators	CAT423-2ND-ASB-28,29	70 ft ² (3 locations)	Good	Non-friable
Grey caulk	Windows	1, 2, 3	83 linear ft (3 locations)	Good	Non-friable
Caulk behind door frame*	Door	---	20 linear ft	Unknown	Unknown

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	16, 4 ft bulbs	Universal waste
Ballast	Ceiling	8	Non-hazardous regulated waste (no PCBs)

Notes:

* - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

Summary of Confirmed Hazardous Materials for the Second Floor, Lunch Room

Lead and PCBs

Material Description	Location	Hazard	Sample ID
White paint	Ceiling	Lead-containing, PCB-containing	264428.03
Beige paint	Walls	Lead-containing	264428.04
Green paint	Walls	Lead-containing, PCB-containing	CAT423-2ND-PC-02
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiator	CAT423-2ND-ASB-28,29	23 ft ² (1 radiator)	Good	Non-friable
Grey caulk around frame	Window	1, 2, 3	28 linear ft (1 window)	Good	Non-friable
Caulk behind door frame*	Door	---	20 linear ft	Unknown	Unknown

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent lights	Ceiling	4, 4ft bulbs	Universal waste
Ballasts	Ceiling	2	Non-hazardous regulated waste (no PCBs)
Fire extinguisher	Wall	1	Regulated waste

Notes:

* - Caulk is presumed to be present and asbestos containing. Caulk is presumed to be present under the entire steel frame (approx. 8" wide).

Summary of Confirmed Hazardous Materials for the Second Floor, Women's Restroom

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Green glazed tile	Wall	Lead-containing	CAT423-1ST-PB-03
White paint	Ceiling	Lead-containing, PCB-containing	264428.03
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiator	CAT423-2ND-ASB-28,29	23 ft ² (1 location)	Good	Non-friable
Black caulk	Radiator	CAT423-2ND-ASB-26,27	3.5 linear ft (1 location)	Good	Non-friable
Grey caulk	Window	1, 2, 3	28 linear ft (1 location)	Good	Non-friable
Caulk behind door frame*	Door	---	20 linear ft	Unknown	Unknown

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	2, 4ft bulbs	Universal waste
Ballast	Ceiling	1	Non-hazardous regulated waste (no PCBs)

Notes:

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Summary of Confirmed Hazardous Materials for the Second Floor, Watershed Division Engineer's Office (Directors Office)

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Beige over blue paint	Walls	Lead-containing, PCB-containing	CAT423-2ND-PC-04
Yellow paint	Closet walls	Lead-containing, PCB-containing	CAT423-2ND-PC-05
Blue paint	Walls above suspended ceiling	Lead-containing, PCB-containing	CAT423-2ND-PC-01
Door closer oil	Door	PCB-containing	CAT423-1ST-PCB-11
Grey vinyl covebase	Walls	Lead-containing	CAT423-2ND-PB-01

Asbestos

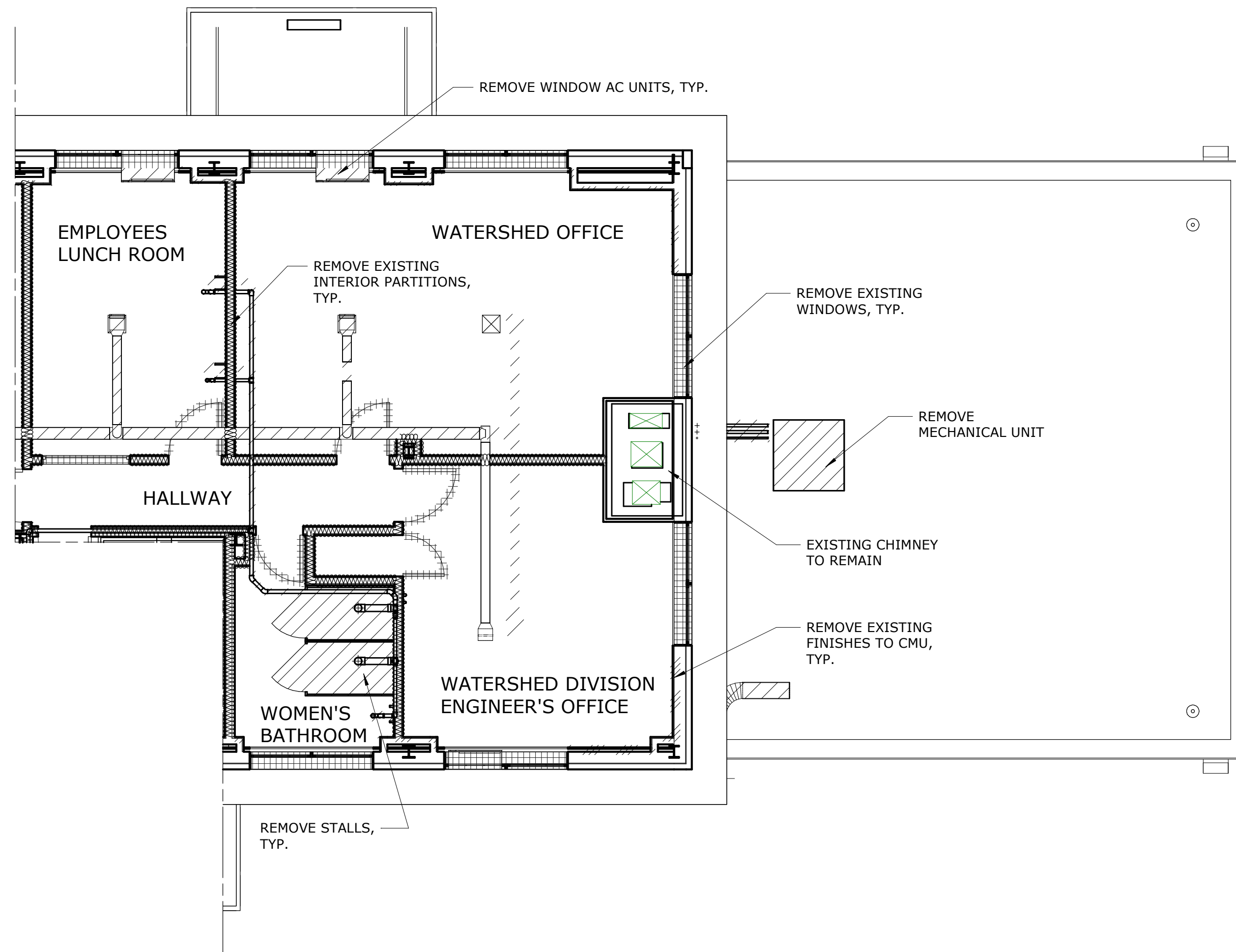
Material Description	Location	Sample ID	Quantity	Condition	Friability
Black shielding	Radiators	CAT423-2ND-ASB-28,29	46 ft ² (2 locations)	Good	Non-friable
Grey caulk	Windows	1, 2, 3	55 linear ft (2 locations)	Good	Non-friable
Caulk behind door frame*	Door	---	40 linear ft (2 locations)	Unknown	Unknown

Universal and other Miscellaneous Wastes

Material Description	Location	Quantity	Waste Classification
Fluorescent bulbs	Ceiling	8, 4 ft bulbs	Universal waste
Ballast	Ceiling	4	Non-hazardous regulated waste (no PCBs)

Notes:

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DEMOLITION PLAN - SECOND FLOOR

3/16" = 1'-0"

- LEGEND**
- DEMOLISH. SEE TABLES FOR HAZARDS.
 - REMOVE EXISTING FINISHES TO CMU. WALL PAINT/TILES CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
 - REMOVE EXISTING INTERIOR PARTITIONS. WALL PAINT/TILES CONTAINS LEAD. SEE TABLES FOR PAINTS CONTAINING PCBs
 - CONTAINS ASBESTOS AND TO BE REMOVED. SEE TABLES FOR CONDITION AND FRIABILITY
- NOTES:**
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 - MATERIALS CONTAINING < 50 MG/KG OR ≥ 50 MG/KG PCBs ARE CONSIDERED PCB-CONTAINING OR TSCA-REGULATED, RESPECTIVELY.
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 - ALL HOLES CREATED BY REMOVED PIPES TO BE FILLED. REFER TO S-501 FOR REPAIR DETAIL.

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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	
HAZMAT EXISTING SECOND FLOOR - DEMOLITION PLAN	
DATE: MAY 2023	SCALE:
SHEET NO: 24	OF No. 121
DRAWING NO. HZ-106	

DESIGNED BY: R. NEUMANN, P.E.	DRAWN BY: M. LOPEZ			ACCOUNTABLE MANAGER JOSE NIEVES	*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION. 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION. 7209.2.*	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dcp	REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	HAZMAT EXISTING SECOND FLOOR - DEMOLITION PLAN	DATE: MAY 2023 SCALE: SHEET NO: 24 OF No. 121 DRAWING NO. HZ-106
CHECKED BY: E. BARBOE, P.E.	DESIGN LEAD: E. BARBOE, P.E.			PORTFOLIO MANAGER MARK DELBALZO, P.E.					
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D						

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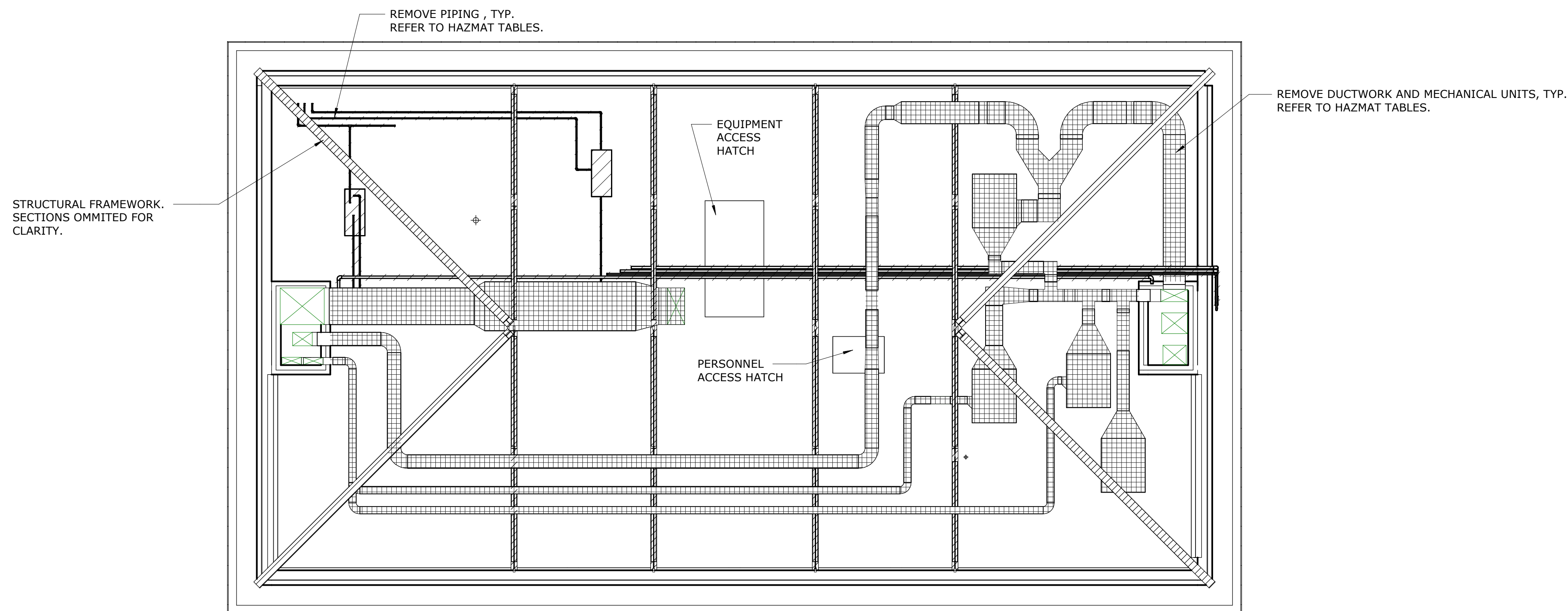
Summary of Confirmed Hazardous Materials for the Attic

Lead and PCBs

Material Description	Location	Hazard	Sample ID
Silver paint	Frame work	Lead-based, PCB-containing	CAT423-ATT-PC-07
Yellow over silver paint	Framework	Lead-containing	CAT423-ATT-PC-08
Black paint	Duct work	Lead containing, PCB-containing	264428.02
Lead packing	Drain piping	Lead joints (23 locations)	---

Asbestos

Material Description	Location	Sample ID	Quantity	Condition	Friability
Black gasket	Inside HVAC unit	02130802-07E	88 linear ft	Damaged	Non-friable
Black residual mastic	HVAC duct	02130802-10E,11E,12E	Approx. 275 spots (2x2 in) on 750 ft ² of duct work	Damaged	Non-friable



LEGEND

- ////// DEMOLISH. SEE TABLES FOR HAZARDS.
- ////// REMOVE LEAD-CONTAINING PAINT ON STRUCTURAL FRAMEWORK. SEE TABLES FOR PAINTS CONTAINING PCBs.
- ##### CONTAINS ASBESTOS AND LEAD-CONTAINING, PCB-CONTAINING PAINT. TO BE REMOVED. SEE TABLES FOR ASBESTOS CONDITION AND FRIABILITY.

NOTES:

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7. ALL HOLES CREATED BY REMOVED PIPES TO BE FILLED. REFER TO S-501 FOR REPAIR DETAIL.

DEMOLITION PLAN - ATTIC
3/16" = 1'-0"

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

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CHECKED BY: E. BARBOE, P.E.	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

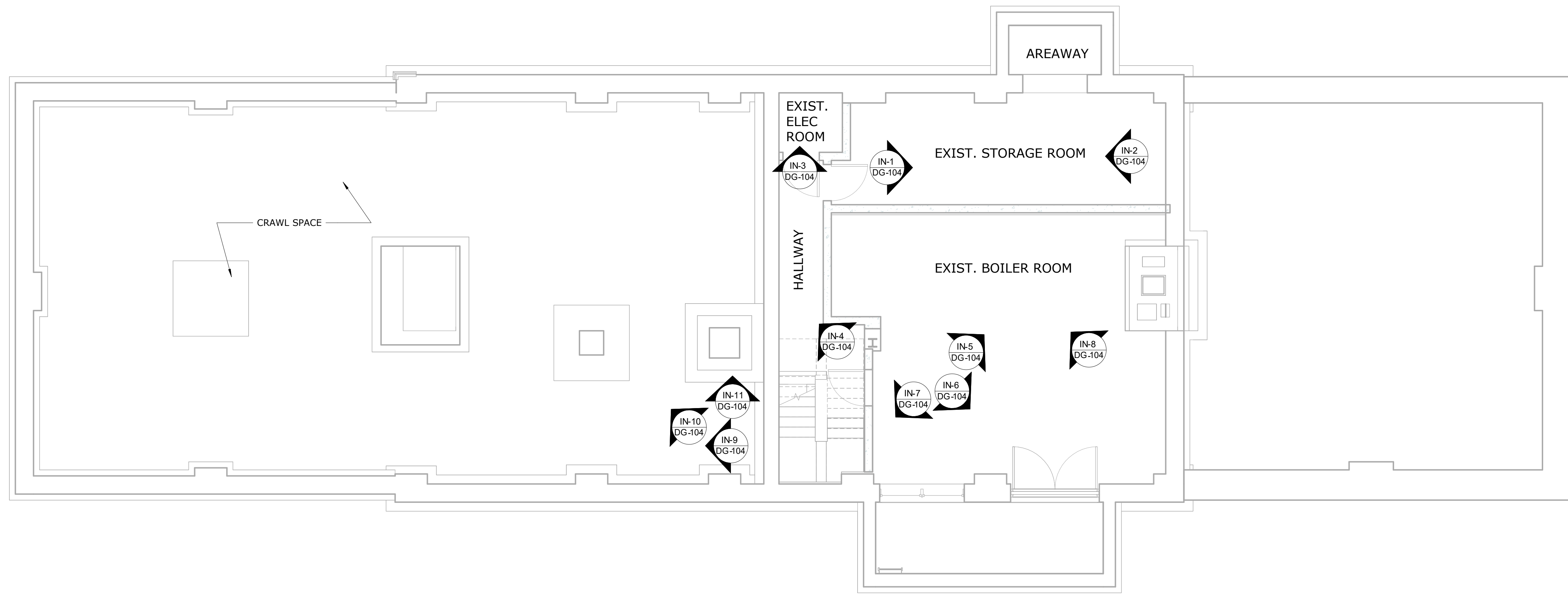
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REPURPOSING OF THE KENSICO LABORATORY AS
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MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

HAZMAT
EXISTING ATTIC - DEMOLITION PLAN

DATE: MAY 2023
SCALE:
SHEET NO: 25 OF No. 121
DRAWING NO. HZ-107



LEGEND



PHOTOGRAPH LOCATION AND ORIENTATION

DEMOLITION PLAN - CELLAR PHOTO KEY PLAN
3/16" = 1'-0"

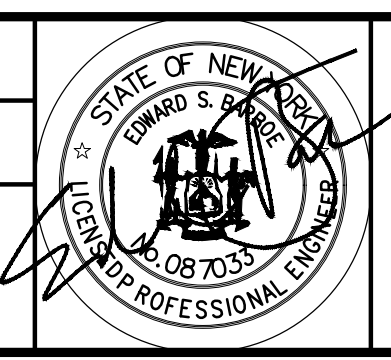
NOTES:

1. ALL PIPES, CONDUITS, DUCTS, FURNITURE, LIGHT FIXTURES AND EQUIPMENT TO BE DEMOLISHED UNLESS OTHERWISE INDICATED. SEE HAZMAT DRAWINGS FOR CONFIRMED HAZARDOUS MATERIALS.
2. ALL DEBRIS TO BE REMOVED UNLESS OTHERWISE NOTED OR RETAINED BY OWNER.

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R. NEUMANN, P.E.
DRAWN BY:
T. ORDONEZ
CHECKED BY:
E. BARBOE, P.E.
DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

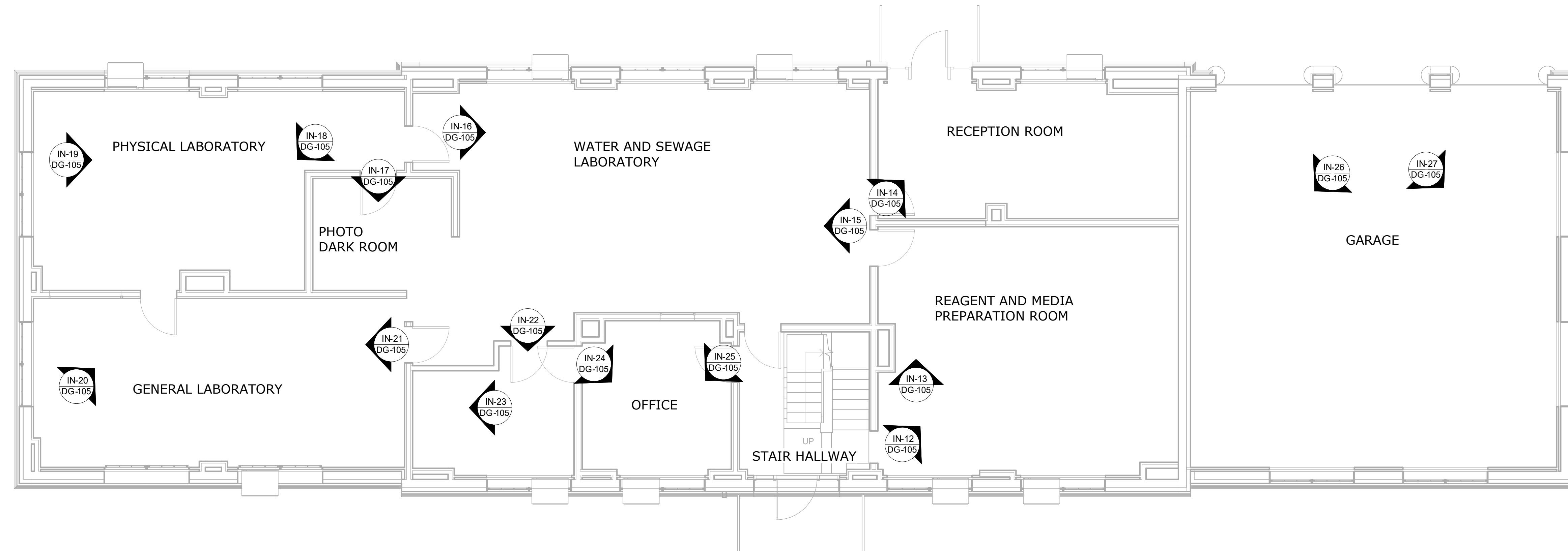
DEMOLITION
CELLAR PHOTO KEY PLAN

DATE: MAY 2023
SCALE: AS NOTED
SHEET NO:
26 OF No. 121
DRAWING NO.
DG-100

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EX-1
DG-108



LEGEND



PHOTOGRAPH LOCATION AND ORIENTATION

EX-2
DG-108

DEMOLITION PLAN - FIRST FLOOR PHOTO KEY PLAN

3/16" = 1'-0"

NOTES:

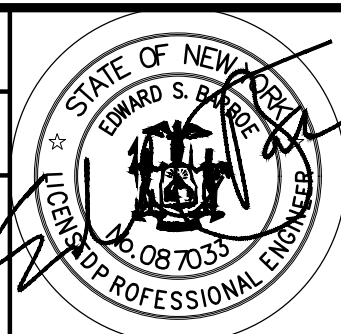
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R. NEUMANN, P.E.
CHECKED BY:
E. BARBOE, P.E.

DRAWN BY:
T. ORDONEZ
DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

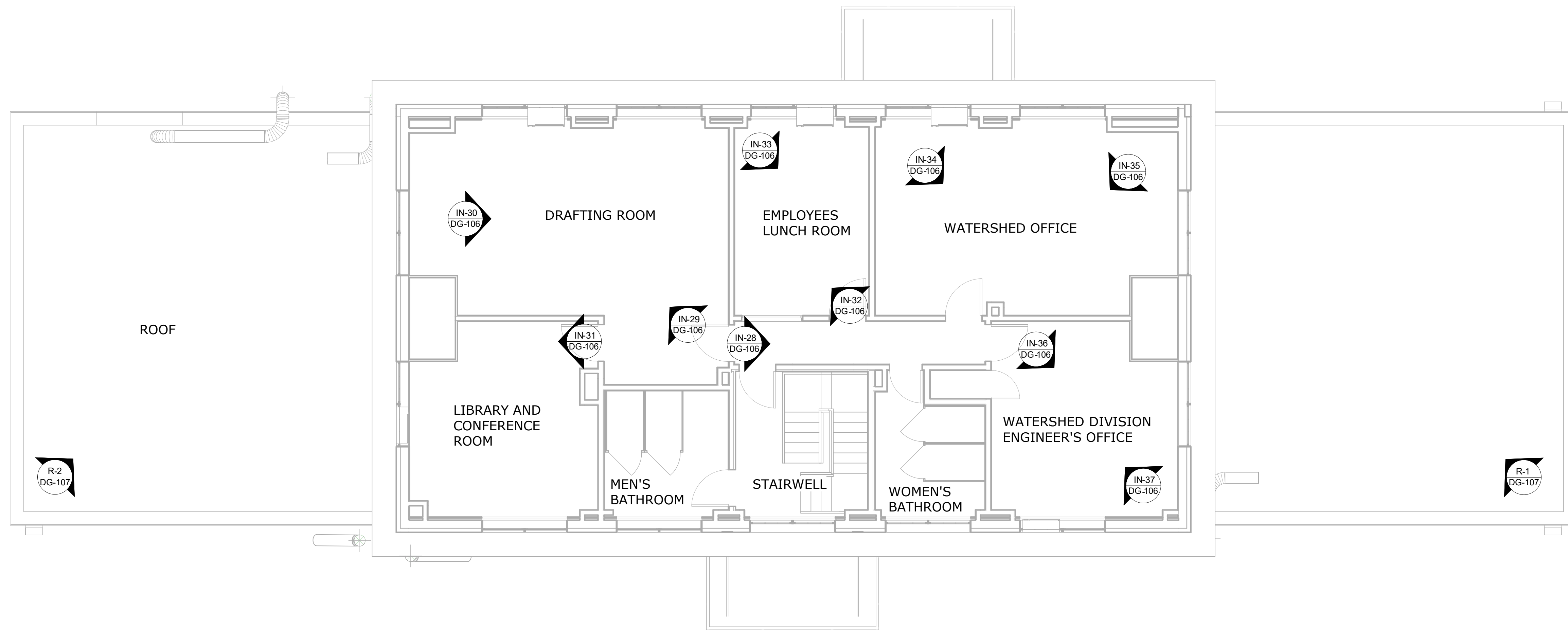
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DEMOLITION
FIRST FLOOR PHOTO KEY PLAN

DATE: MAY 2023
SCALE: AS NOTED
SHEET NO:
27 OF No. 121
DRAWING NO.
DG-101



LEGEND



PHOTOGRAPH LOCATION AND ORIENTATION

DEMOLITION PLAN - SECOND FLOOR PHOTO KEY PLAN

3/16" = 1'-0"

NOTES:

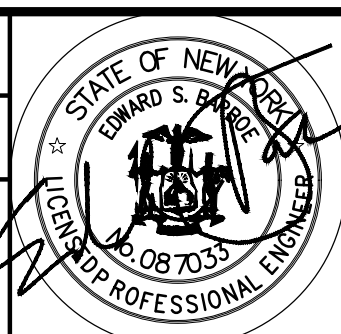
1. ALL PIPES, CONDUITS, DUCTS, FURNITURE, LIGHT FIXTURES AND EQUIPMENT TO BE DEMOLISHED UNLESS OTHERWISE INDICATED. SEE HAZMAT DRAWINGS FOR KNOWN HAZARDOUS MATERIALS.
2. ALL DEBRIS TO BE REMOVED UNLESS OTHERWISE NOTED OR RETAINED BY OWNER.

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 DEMOLITION SECOND FLOOR PHOTO KEY PLAN	
DATE: MAY 2023	SHEET NO. 28 OF No. 121
DRAWING NO. DG-102	

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
R. NEUMANN, P.E.
CHECKED BY:
E. BARBOE, P.E.

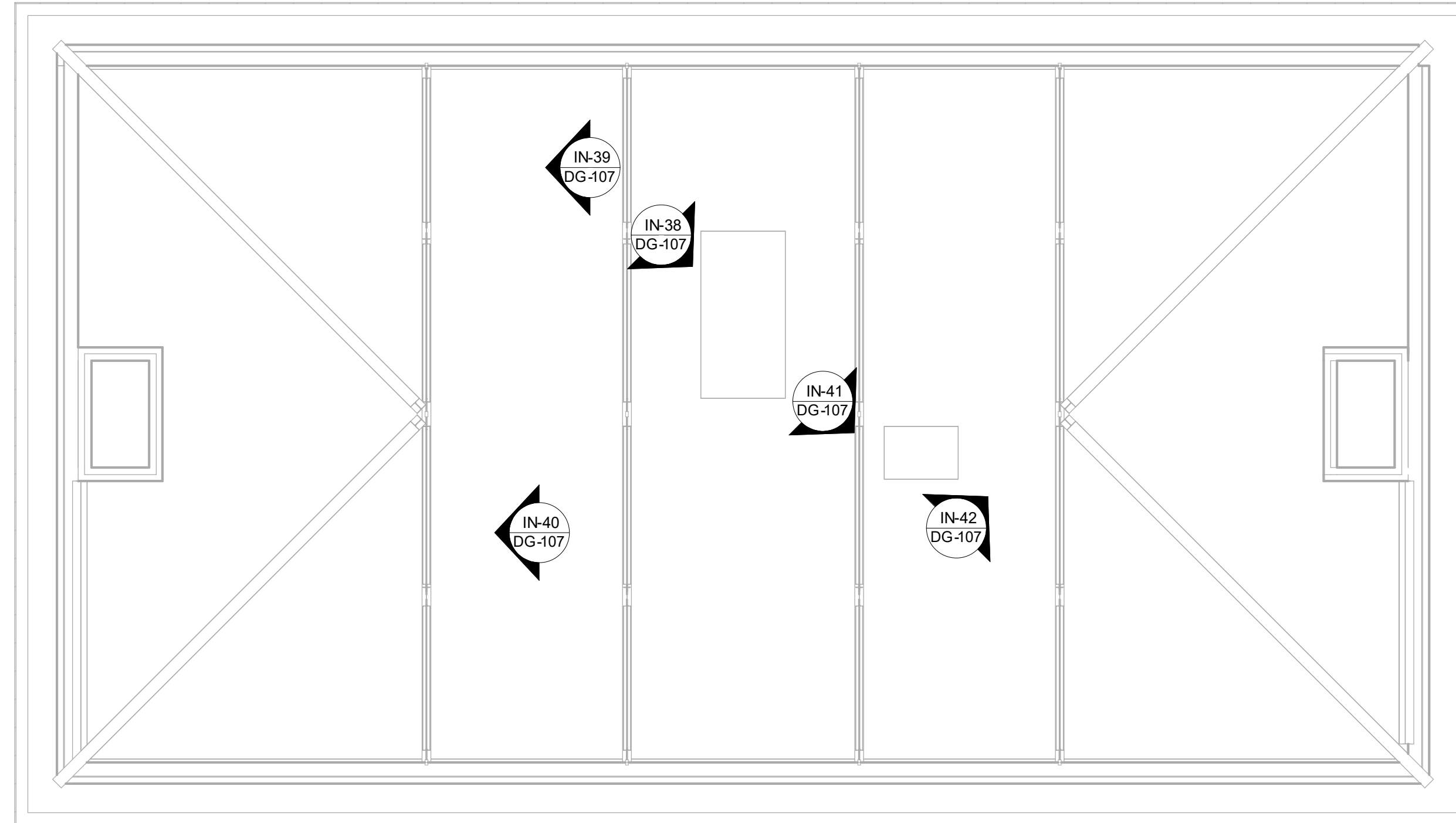
DRAWN BY:
T. ORDONEZ
DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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LEGEND



PHOTOGRAPH LOCATION AND ORIENTATION

DEMOLITION PLAN - ATTIC PHOTO KEY PLAN

3/16" = 1'-0"

NOTES:

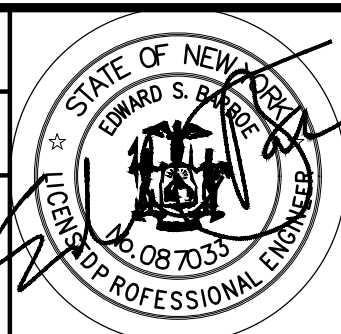
1. ALL PIPES, CONDUITS, DUCTS, FURNITURE, LIGHT FIXTURES AND EQUIPMENT TO BE DEMOLISHED UNLESS OTHERWISE INDICATED. SEE HAZMAT DRAWINGS FOR CONFIRMED HAZARDOUS MATERIALS.
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BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
R. NEUMANN, P.E.
CHECKED BY:
E. BARBOE, P.E.

DRAWN BY:
T. ORDONEZ
DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

DEMOLITION
ATTIC PHOTO KEY PLAN

DATE: MAY 2023
SCALE: AS NOTED
SHEET NO: 29 OF No. 121
DRAWING NO.
DG-103



CAREFULLY MOVE EXISTING UPS TO TEMPORARY TRAILER. SEE SECURITY DRAWINGS.



EXISTING STORAGE ROOM IN-1
DG-100

EXISTING STORAGE ROOM IN-2
DG-100

EXISTING ELECTRICAL ROOM IN-3
DG-100

BASEMENT HALLWAY IN-4
DG-100

EXISTING BOILER ROOM IN-5
DG-100

EXISTING BOILER ROOM IN-6
DG-100



EXISTING BOILER ROOM IN-7
DG-100

EXISTING BOILER ROOM IN-8
DG-100

CRAWL SPACE IN-9
DG-100

CRAWL SPACE IN-10
DG-100

CRAWL SPACE IN-11
DG-100

NOTES:

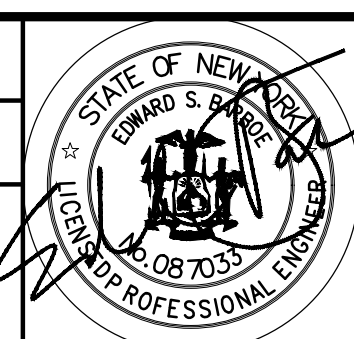
1. ALL PIPES, CONDUITS, DUCTS, FURNITURE, LIGHT FIXTURES AND EQUIPMENT TO BE DEMOLISHED UNLESS OTHERWISE INDICATED. SEE HAZMAT DRAWINGS FOR CONFIRMED HAZARDOUS MATERIALS.
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 DEMOLITION CELLAR PHOTOS	
DATE: MAY 2023 SCALE: AS NOTED SHEET NO: <div style="display: flex; justify-content: space-between; width: 100%;"> 30 OF No. 121 </div> DRAWING NO. DG-104	

Autodesk Desc/06/20/2003-03A_CATT-423 WOC-03A-Reason of Kensico Lab/06/20/2003-03A_C_KLB.rvt 5/20/2023 9:15:36 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: R. NEUMANN, P.E.	DRAWN BY: T. ORDONEZ
CHECKED BY: E. BARBOE, P.E.	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES	"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION. 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION. 7209.2."
PORTFOLIO MANAGER MARK DELBALZO, P.E.	

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REAGENT AND MEDIA PREPARATION ROOM (IN-12 DG-101)



REAGENT AND MEDIA PREPARATION ROOM (IN-13 DG-101)



SAMPLE RECEPTION ROOM (IN-14 DG-101)



WATER AND SEWAGE LABORATORY (IN-15 DG-101)



WATER AND SEWAGE LABORATORY (IN-16 DG-101)



PHOTO DARK ROOM (IN-17 DG-101)



PHYSICAL LABORATORY (IN-18 DG-101)



PHYSICAL LABORATORY (IN-19 DG-101)



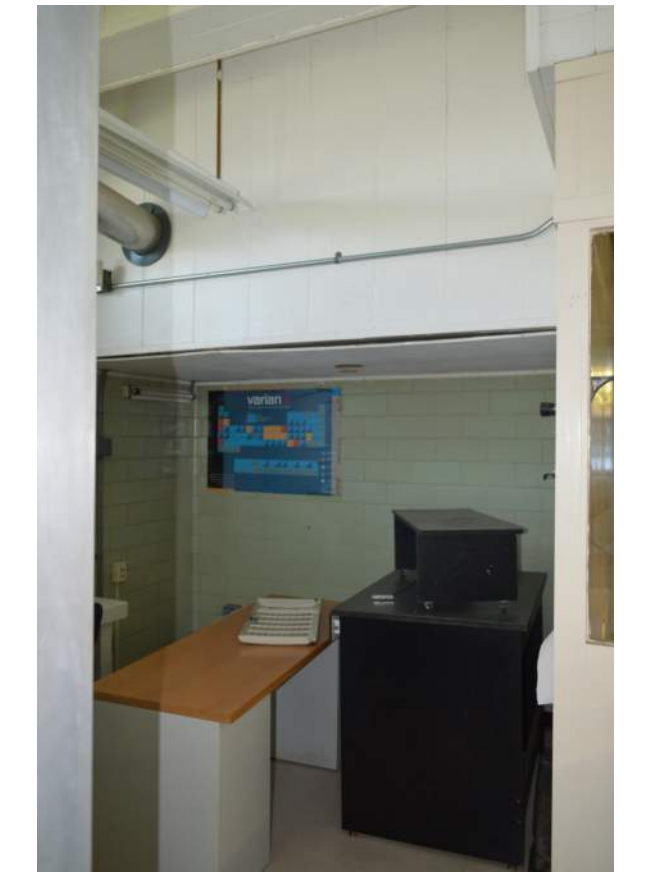
GENERAL LABORATORY (IN-20 DG-101)



GENERAL LABORATORY (IN-21 DG-101)



OFFICE (IN-22 DG-101)



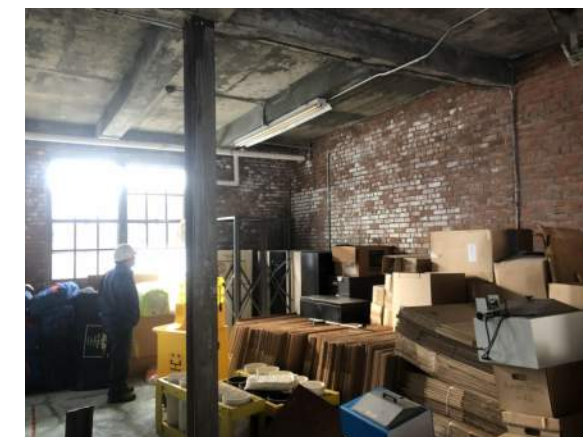
OFFICE (IN-23 DG-101)



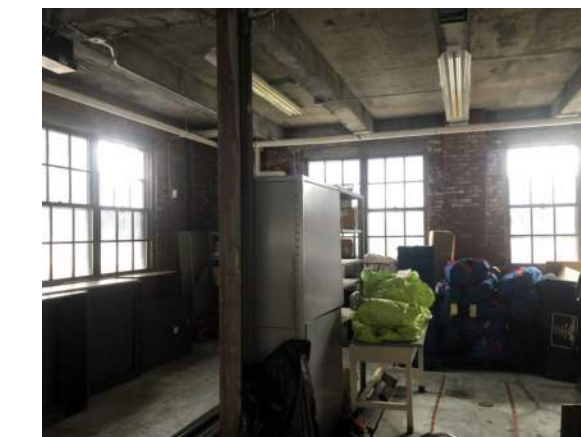
OFFICE (IN-24 DG-101)



OFFICE (IN-25 DG-101)



GARAGE (IN-26 DG-101)



GARAGE (IN-27 DG-101)

- NOTES:
1. ALL PIPES, CONDUITS, DUCTS, FURNITURE, LIGHT FIXTURES AND EQUIPMENT TO BE DEMOLISHED UNLESS OTHERWISE INDICATED. SEE HAZMAT DRAWINGS FOR CONFIRMED HAZARDOUS MATERIALS.
 2. ALL DEBRIS TO BE REMOVED UNLESS OTHERWISE NOTED OR RETAINED BY OWNER.

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 DEMOLITION FIRST FLOOR PHOTOS	
DATE: MAY 2023	
SCALE: AS NOTED	
SHEET NO: 31 OF No. 121	
DRAWING NO. DG-105	

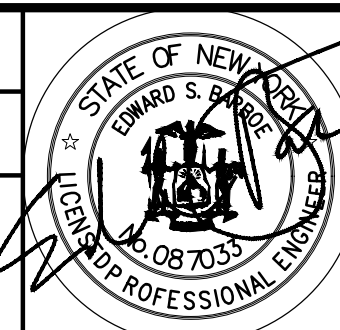
Autodesk_Docs\06200-03A_CAT-423_W0-03A_Region of Kensico Lab\06200-03A_C_KLB.rvt 5/2/2023 9:15:45 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
R. NEUMANN, P.E.
CHECKED BY:
E. BARBOE, P.E.

DRAWN BY:
T. ORDONEZ
DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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HALLWAY IN-28
DG-102



DRAFTING ROOM IN-29
DG-102

CAREFULLY MOVE EXISTING SERVER TO TEMPORARY TRAILER. SEE SECURITY DRAWINGS.



DRAFTING ROOM IN-30
DG-102



LIBRARY AND CONFERENCE ROOM IN-31
DG-102



EMPLOYEES LUNCH ROOM IN-32
DG-102



EMPLOYEES LUNCH ROOM IN-33
DG-102



WATERSHED OFFICE IN-34
DG-102



WATERSHED OFFICE IN-35
DG-102



WATERSHED DIVISION ENGINEERS OFFICE IN-36
DG-102



WATERSHED DIVISION ENGINEERS OFFICE IN-37
DG-102

NOTES:

1. ALL PIPES, CONDUITS, DUCTS, FURNITURE, LIGHT FIXTURES AND EQUIPMENT TO BE DEMOLISHED UNLESS OTHERWISE INDICATED. SEE HAZMAT DRAWINGS FOR CONFIRMED HAZARDOUS MATERIALS.
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
R. NEUMANN, P.E.
CHECKED BY:
E. BARBOE, P.E.

DRAWN BY:
T. ORDONEZ
DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

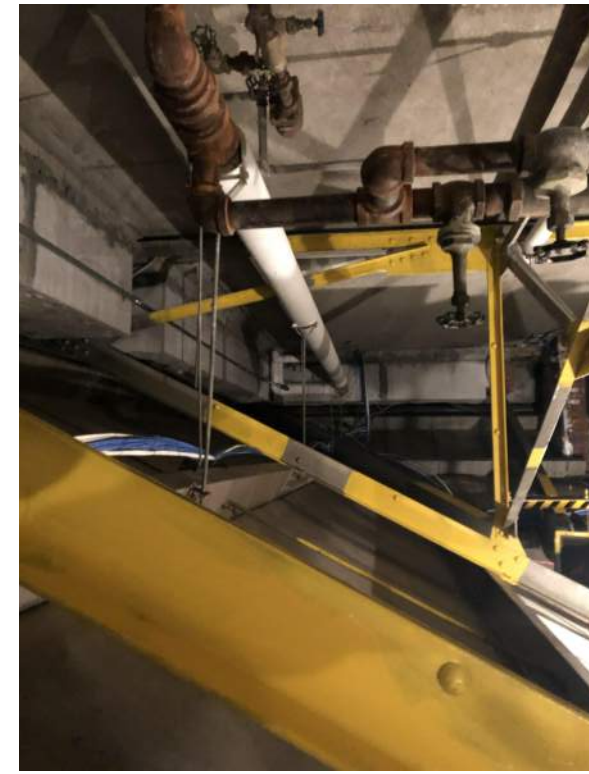
DEMOLITION
SECOND FLOOR PHOTOS

DATE: MAY 2023
SCALE: AS NOTED
SHEET NO:
32 OF No. 121
DRAWING NO.
DG-106



ATTIC

IN-38
DG-103



ATTIC

IN-39
DG-103



ATTIC

IN-40
DG-103



ATTIC

IN-41
DG-103



ATTIC

IN-42
DG-103



SOUTH ROOF

R-1
DG-102

REMOVE MECHANICAL UNIT, CONDUIT, LIGHTING, AND WIRING
DEMOLISH EXISTING WINDOWS, (TYP)
REMOVE MATS, PLYWOOD, AND CINDER BLOCKS



NORTH ROOF

R-2
DG-102

REMOVE MECHANICAL UNITS, CONDUIT, AND WIRING

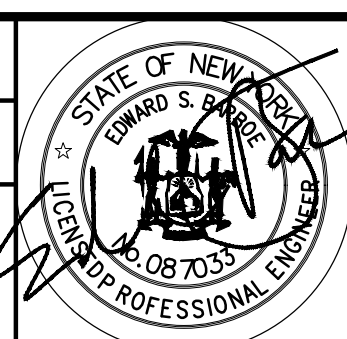
NOTES:

1. ALL PIPES, CONDUITS, DUCTS, FURNITURE, LIGHT FIXTURES AND EQUIPMENT TO BE DEMOLISHED UNLESS OTHERWISE INDICATED. SEE HAZMAT DRAWINGS FOR CONFIRMED HAZARDOUS MATERIALS.
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BID SET	GRAPHIC SCALES CHECK BEFORE USE
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 DEMOLITION ATTIC AND ROOF PHOTOS	
DATE: MAY 2023	
SCALE: AS NOTED	
SHEET NO: 33 OF No. 121	
DRAWING NO. DG-107	

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: R. NEUMANN, P.E.	DRAWN BY: T. ORDONEZ
CHECKED BY: E. BARBOE, P.E.	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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TRAILER NO LONGER ON SITE



NORTH AND EAST FACADES / EX-1
DG-101



SOUTH AND WEST FACADES

EX-2
DG-101

NOTES:

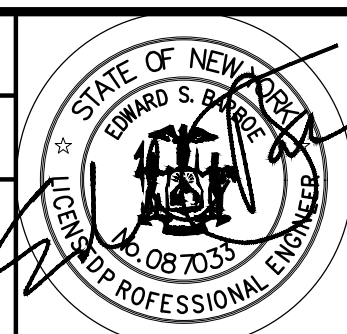
1. SEE HAZMAT DRAWINGS FOR CONFIRMED HAZARDOUS MATERIALS,
2. DEMOLISH ALL EXISTING DOORS, GARAGE DOORS, AND WINDOWS.
3. REMOVE AND DISPOSE OF ALL AIR CONDITIONER UNITS, VENTILATION EXHAUST DUCTS, MECHANICAL UNITS, CONDUIT, WIRING, LIGHTING FIXTURES, LIGHTNING PROTECTION, ANTENNAS, AND PIPING.

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	
DEMOLITION PLAN - EXTERIOR PHOTOS	
DATE: MAY 2023 SCALE: AS NOTED SHEET NO: 34 OF No. 121 DRAWING NO. DG-108	

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
R. NEUMANN, P.E.
CHECKED BY:
E. BARBOE, P.E.

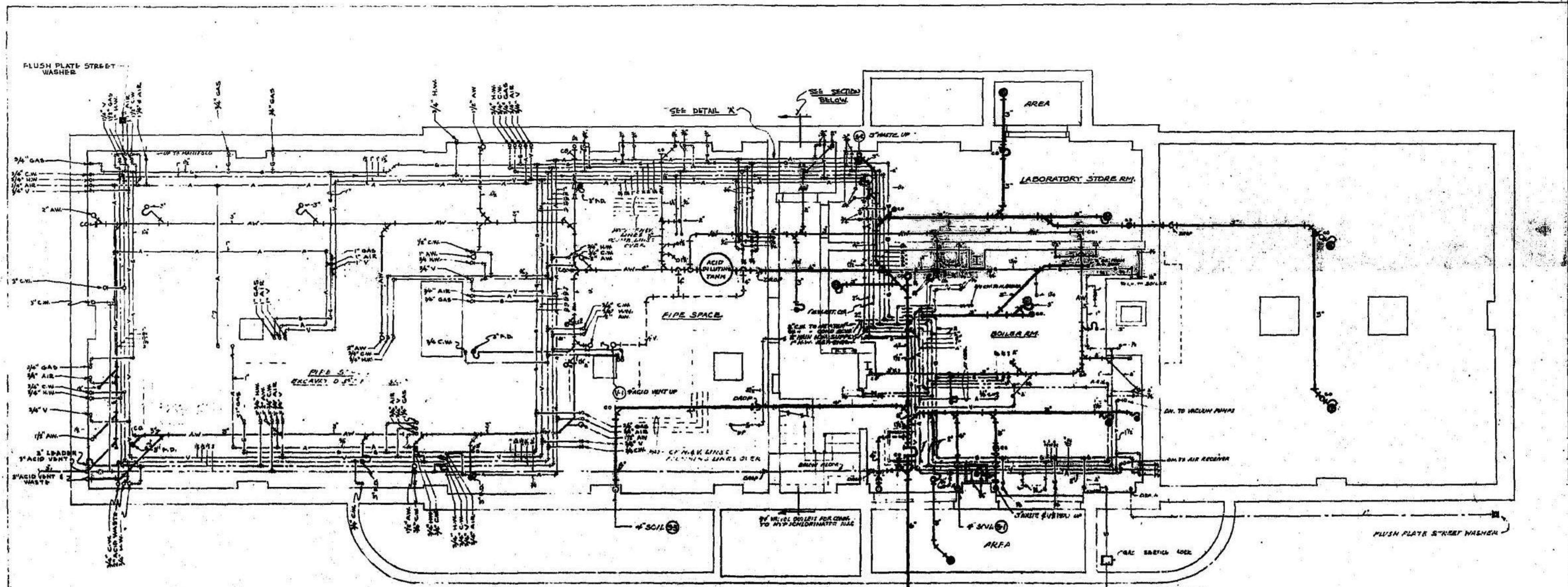
DRAWN BY:
T. ORDONEZ
DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

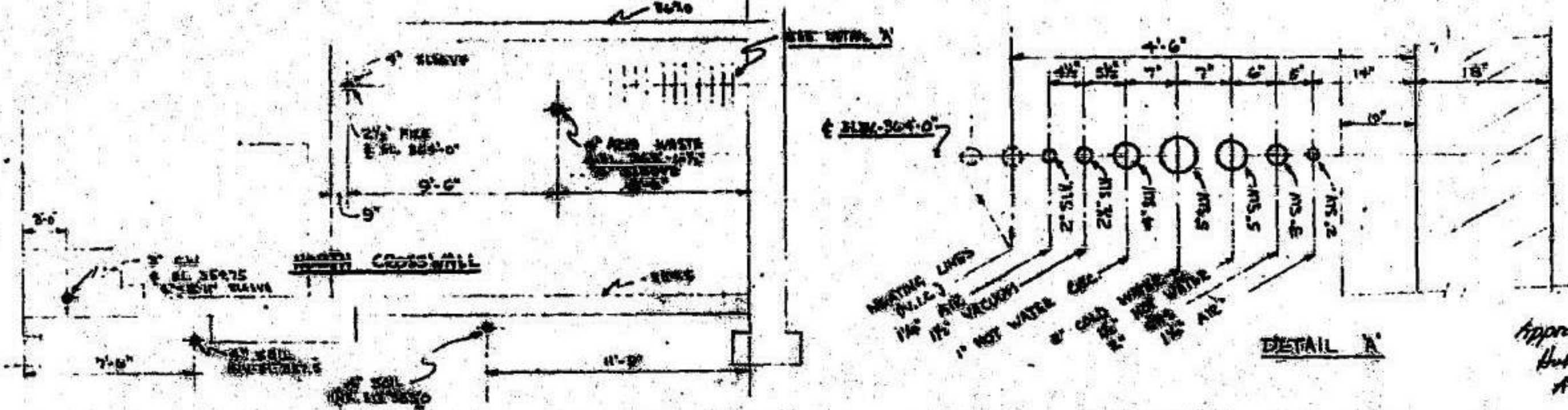
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LEGEND

C.I. SOIL PIPE	—
ACID WASTE	AW
VENT	V
COLD WATER	—
HOT WATER	—
" " C.I.	—
VACUUM	V
GAS	G
AIR	A
FLOOR DRAIN	⊙
DECK PLATE C.O.	⊙
FIRE STAND PIPE LINE	S



Cont. 431

11-20-54 - REVISED TO AS-BUILT CONDITIONS.
 8-12-49 - ADDED SECTION OF NORTH CROSSWALL & DETAIL 'X'.
 PLUMBING HEATING SPRINKLER PROJECT WORK UNDERWAY
MICHAEL HARMONAY CORPORATION
 CONTRACTORS ENGINEERS
 657 YORKERS AVENUE, YORKERS, N. Y.
 BOARD OF WATER SUPPLY
 CITY OF NEW YORK
 KENSICO WATER TESTING LABORATORY
 BASEMENT FLOOR PLAN
 PLUMBING

APPROVED: *[Signature]*
 Acting Division Engineer, B.W.S.

DRAWN BY: SCALE 1/8" = 1'-0" JOB No. DRAWING No.
 CHECKED: DATE 6-10-54 SHEET 1
 APP'D BY:

ACC # B0427
 CASE 5A-DR-10

Autodesk Docs/060306-03A_CAT-423 WOC3A-Reason of Memo/060306-03A_C_KLB.rvt
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

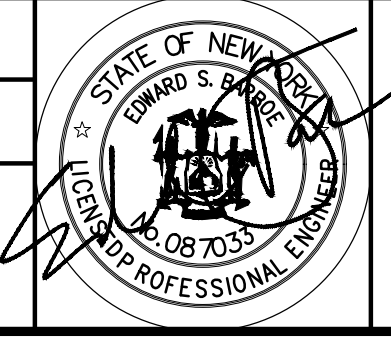
DESIGNED BY:
R. NEUMANN, P.E.

DRAWN BY:
T. ORDONEZ

CHECKED BY:
E. BARBOE, P.E.

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

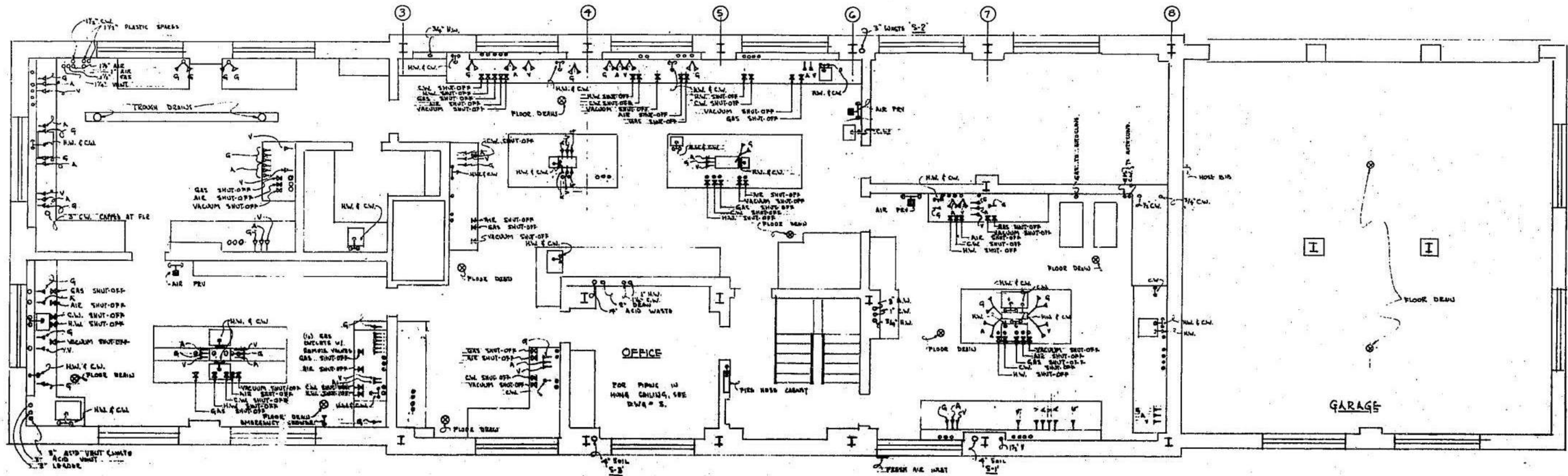
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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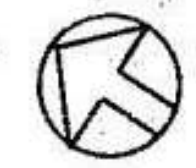
NEW YORK CITY ENVIRONMENTAL PROTECTION
 BUREAU OF WATER SUPPLY
 465 COLUMBUS AVENUE, SUITE 270
 VALHALLA, NEW YORK 10595-1336
 www.nyc.gov/dwp

BID SET	GRAPHIC SCALES CHECK BEFORE USE
IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY	
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023
EXISTING PLUMBING PLAN - CELLAR	SCALE: SHEET NO: 35 OF No. 121
	DRAWING NO. DG-109

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.



NOTE
 ALL SHUT-OFF VALVES ARE SHOWN IN APPROPRIATE LOCATION, THEY ARE LOCATED IN EDGE OF EQUIPMENT RESPONSIBLE PARTY.
 ALL WATER VALVE HANDLES ARE PRINTED BLACK.



Approved: 12/20/16
 Herbert C. Cady
 Acting Division Engineer, B.W.S.

Cont. 431

11-26-20 ENGINEERED TO AS-BUILT CONDITIONS.

PLUMBING HEATING SPRINKLER PROCESS PIPING VENTILATION
MICHAEL H. RIMONAY CORPORATION
 CONTRACTORS ENGINEERS
 887 YONKER AVENUE, YONKERS, N. Y.

BOARD OF WATER SUPPLY
 CITY OF NEW YORK
 KENSICO WATER TESTING LABORATORY

**MAIN FLOOR PLAN
 PLUMBING**

DRAWN BY: [Signature]	SCALE: 1/8" = 1'-0"	JOB No.	REVISION NO.
CHECKED: [Signature]	DATE: 11/16/16	1087	2
APP'D BY: [Signature]			

ACC X80428
 CASE 5A - DR 15

Autodesk Docs:060200-03A_CAT-423 WOC-03A-Revision of Kensico Laboratory-03A_C_KLB.rvt
 5/2/2023 9:15:59 AM

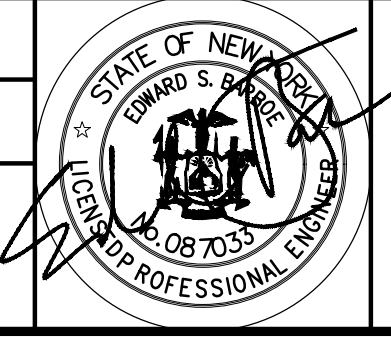
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
R. NEUMANN, P.E.

DRAWN BY:
T. ORDONEZ

CHECKED BY:
E. BARBOE, P.E.

DESIGN LEAD:
E. BARBOE, P.E.



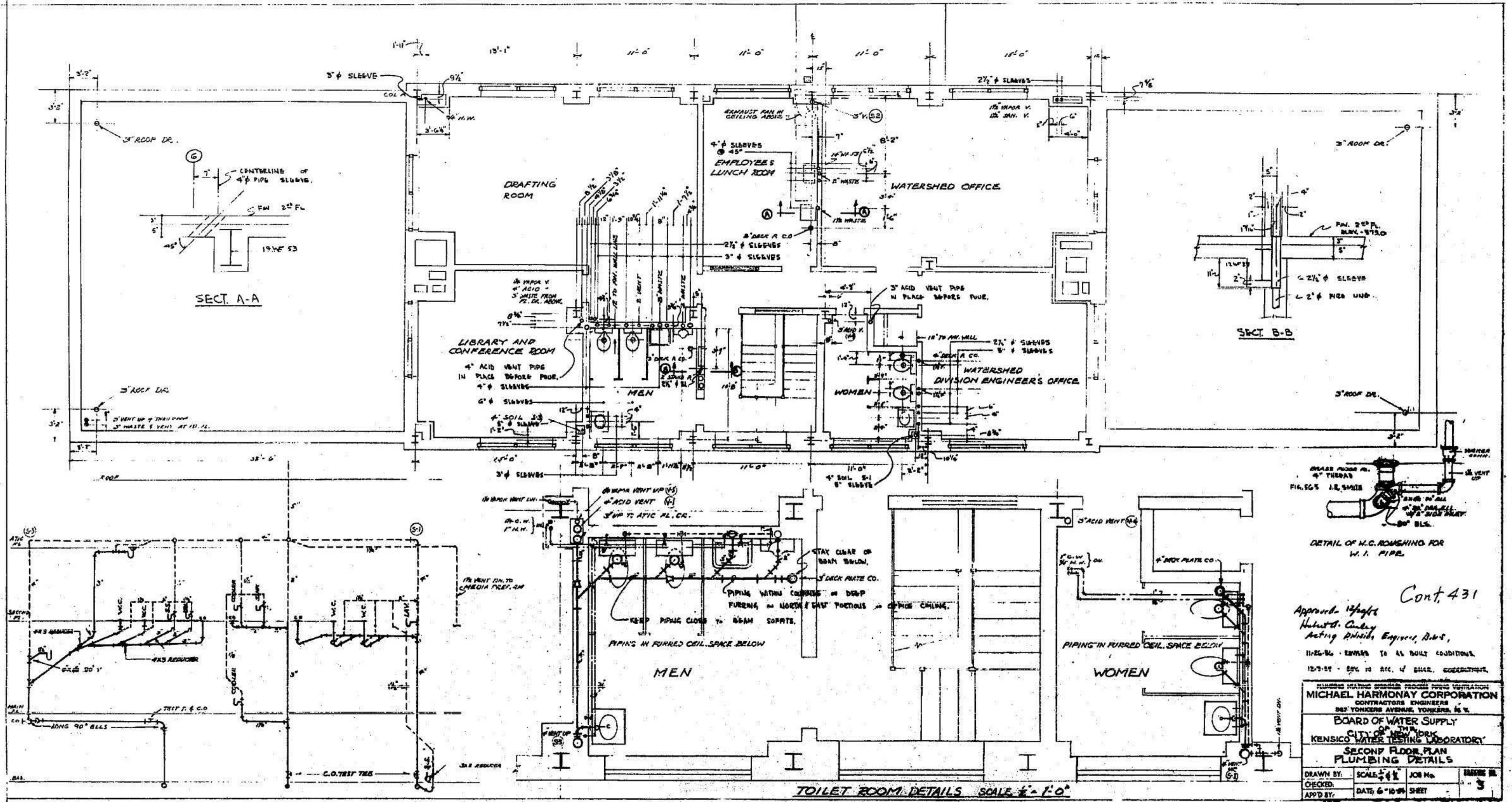
ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 36 OF No. 121 DRAWING NO. DG-110
EXISTING PLUMBING PLAN - FIRST FLOOR	



Approved: *[Signature]*
 Hubert A. Conley
 Acting Division Engineer, BWS,
 11/26/06 - REVISED TO AS BUILT CONDITIONS
 12/7/07 - REV. TO ACC. W/ BUREAU COORDINATION

PLUMBING HEATING SPECIAL PROCESS PIPING VENTILATION CONTRACTORS ENGINEERS			
MICHAEL HARMONAY CORPORATION			
385 YONKERS AVENUE, YONKERS, N.Y.			
BOARD OF WATER SUPPLY			
CITY OF NEW YORK			
KENSICO WATER TESTING LABORATORY			
SECOND FLOOR PLAN			
PLUMBING DETAILS			
DRAWN BY:	SCALE: 1/4" = 1'-0"	JOB No.	SHEET No.
CHECKED BY:	DATE: 6/10/08	SHEET	3
APP'D BY:			

Acc X 80429
 CASE SA DR 15

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 37 OF No. 121 DRAWING NO. DG-111
EXISTING PLUMBING PLAN - SECOND FLOOR	

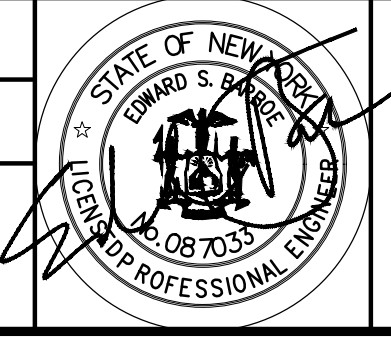
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
R. NEUMANN, P.E.

DRAWN BY:
T. ORDONEZ

CHECKED BY:
E. BARBOE, P.E.

DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES

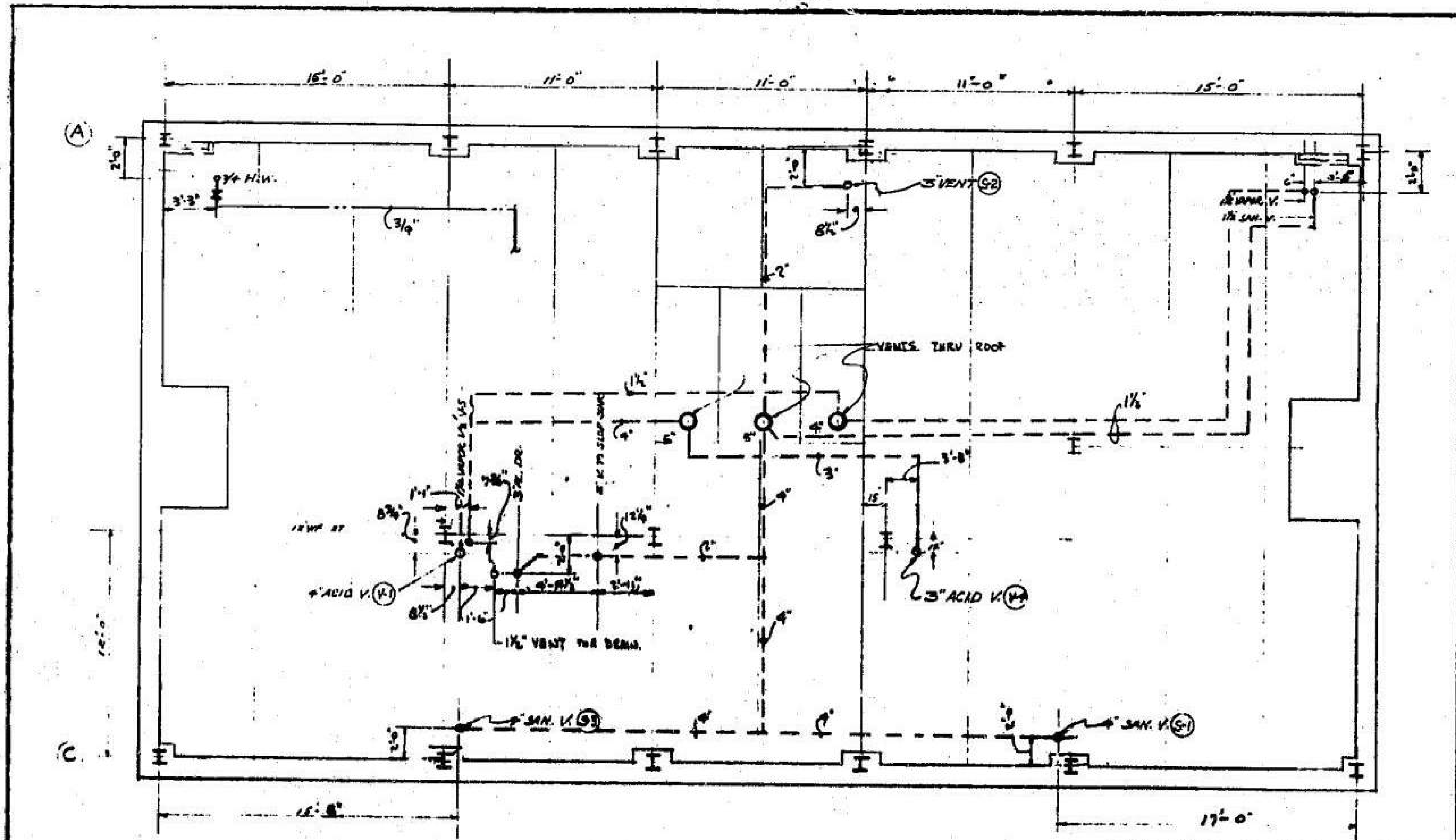
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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NEW YORK CITY ENVIRONMENTAL PROTECTION
 BUREAU OF WATER SUPPLY
 465 COLUMBUS AVENUE, SUITE 270
 VALHALLA, NEW YORK 10595-1336
 www.nyc.gov/dcp

Autodesk Docs/060206-03A_CAT-423 W003A-Reason of Kensico Lab/060206-03A_C_KLB.rvt
 5/2/2023 9:15:59 AM

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11/14/22 REVISION TO AS-BUILT CONDITIONS
 12/15/22 REVISION TO AS-BUILT CONDITIONS
 PLUMBING HEATING SPRINKLER PROCESS PIPING VENTILATION -
MICHAEL HARMONAY CORPORATION
 CONTRACTORS ENGINEERS
 887 YONKERS AVENUE, YONKERS, N.Y.
BOARD OF WATER SUPPLY
 OF THE
CITY OF NEW YORK
KENSICO WATER TESTING LABORATORY
ATTIC-FLOOR - SLEEVE PLAN
 DRAWN BY: SCALE: 1/4" = 1'-0" JOB No. NUMBER 112
 CHECKED: DATE: 11-20-22 SHEET: 4
 APP'D BY:

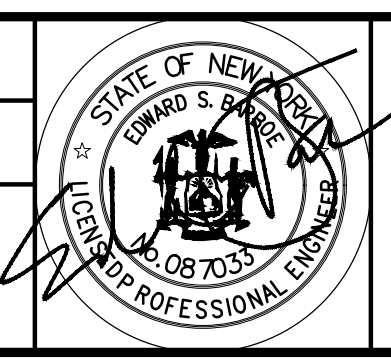
Cont. 431
 Approved: 1/24/23
 Robert S. Cuneo
 Acting Director, Engineering

Acc X80430
 CASE 5A - DR 15

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	
EXISTING PLUMBING PLAN - ATTIC	
DATE: MAY 2023	
SCALE:	
SHEET NO:	38 OF No. 121
DRAWING NO.	DG-112

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
 R. NEUMANN, P.E.
 CHECKED BY:
 E. BARBOE, P.E.
 DRAWN BY:
 T. ORDONEZ
 DESIGN LEAD:
 E. BARBOE, P.E.

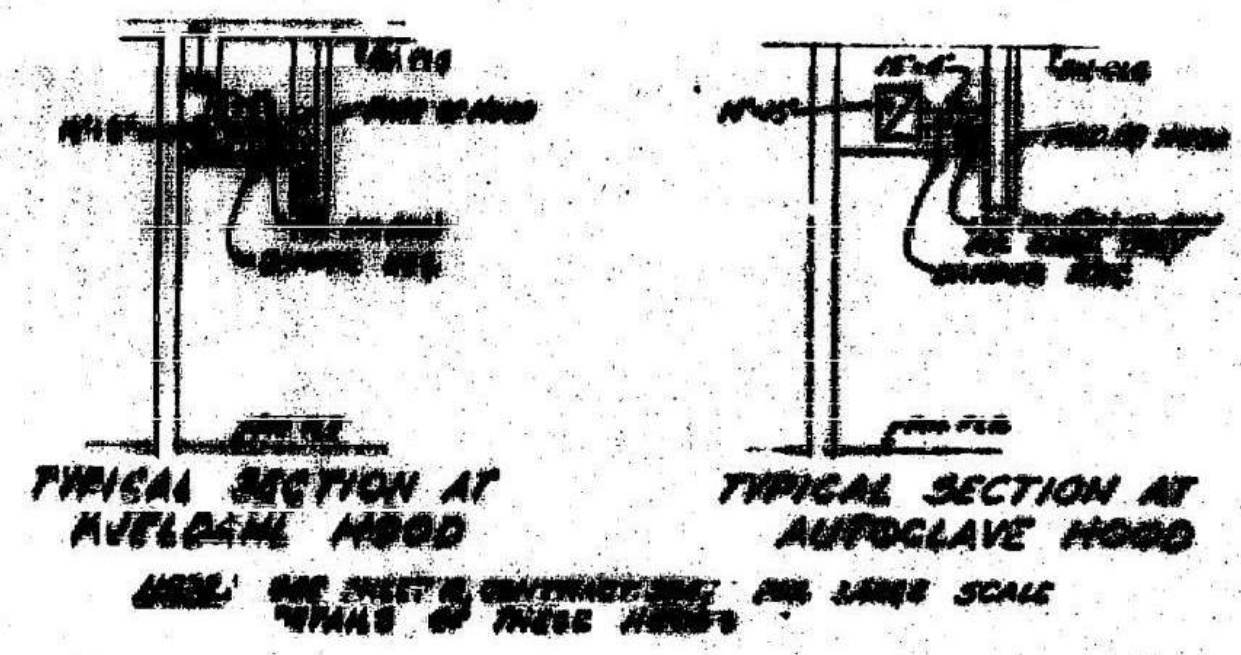
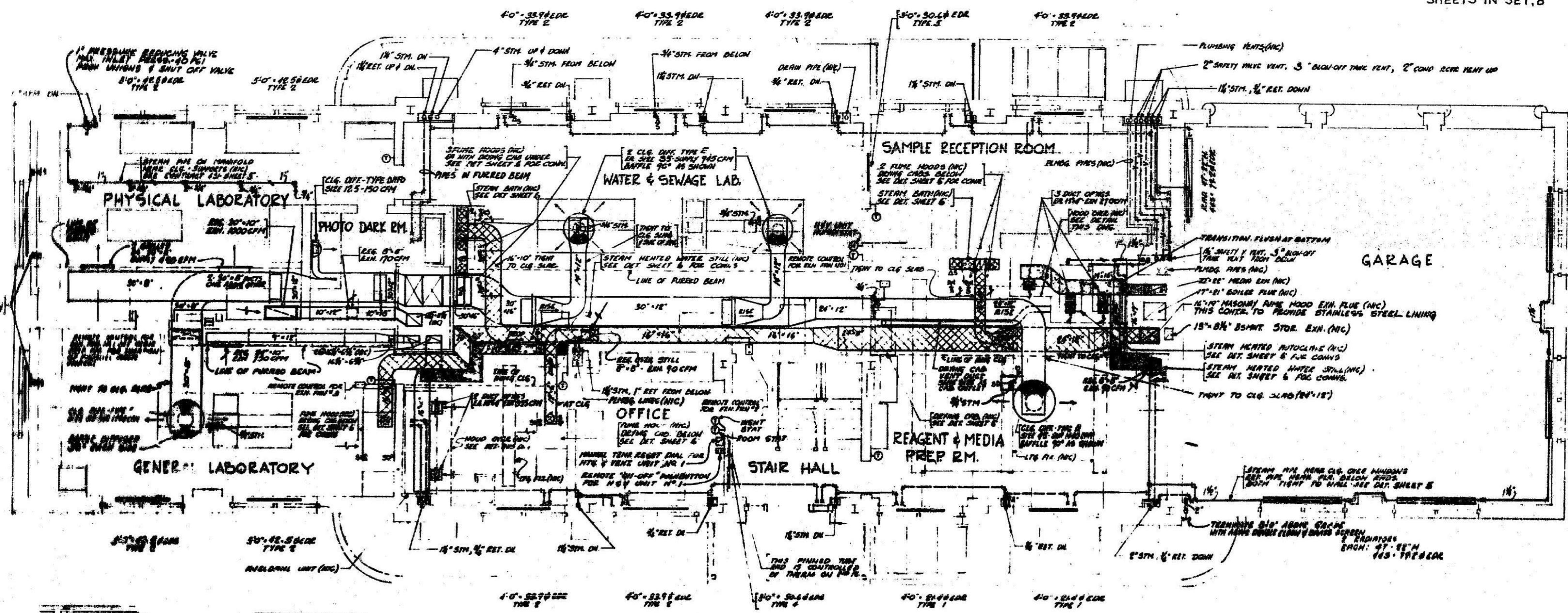


ACCOUNTABLE MANAGER
 JOSE NIEVES
 PORTFOLIO MANAGER
 MARK DELBALZO, P.E.

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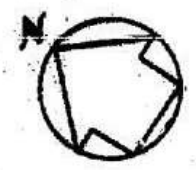
NEW YORK CITY
ENVIRONMENTAL PROTECTION
 BUREAU OF WATER SUPPLY
 465 COLUMBUS AVENUE, SUITE 270
 VALHALLA, NEW YORK 10595-1336
 www.nyc.gov/dcp

CONTRACT 432 SHEET 3
SHEETS IN SET, 6



NOTE:
ALL DUCTS ARE TO BE ON THE SIDE OF BEAMS UNLESS OTHERWISE INDICATED.
ALL DUCTS ARE TO BE 18" MIN. CLEARANCE FROM ALL OBSTACLES.
ALL DUCTS ARE TO BE SUPPORTED BY HANGERS.
ALL DUCTS ARE TO BE INSULATED WITH 1" MIN. INSULATION.
ALL DUCTS ARE TO BE PAINTED WITH AN INORGANIC PIGMENTED ENAMEL.
ALL DUCTS ARE TO BE TESTED AT 1.5 TIMES DESIGN PRESSURE.
ALL DUCTS ARE TO BE CLEANED AND DISINFECTED BEFORE USE.

NOTE:
SEE SHEET 4 FOR LEGEND
As built
NORMAN HEATING CO. INC.
26-16 SKULLMAN AVE.
LONG ISLAND CITY 1, N. Y.



City of New York
BOARD OF WATER SUPPLY
KENSICO WATER TESTING LABORATORY
HEATING, VENTILATING & STEAM GENERATING EQUIPMENT
MAIN FLOOR PLAN

APPROVED
FOR THE BOARD OF WATER SUPPLY
REGISTRATION NO. 10,000

FEBRUARY 15, 1954

X804/23
Acc. 23

CASE 5A-DK 15

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 40 OF No. 121 DRAWING NO. DG-114
EXISTING HVAC PLAN - FIRST FLOOR	

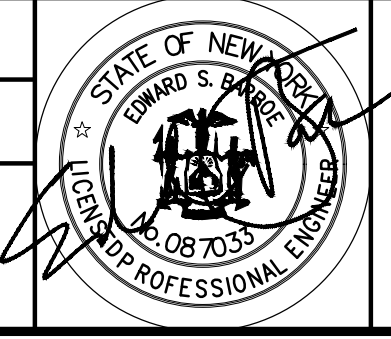
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
R. NEUMANN, P.E.

CHECKED BY:
E. BARBOE, P.E.

DRAWN BY:
T. ORDONEZ

DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES

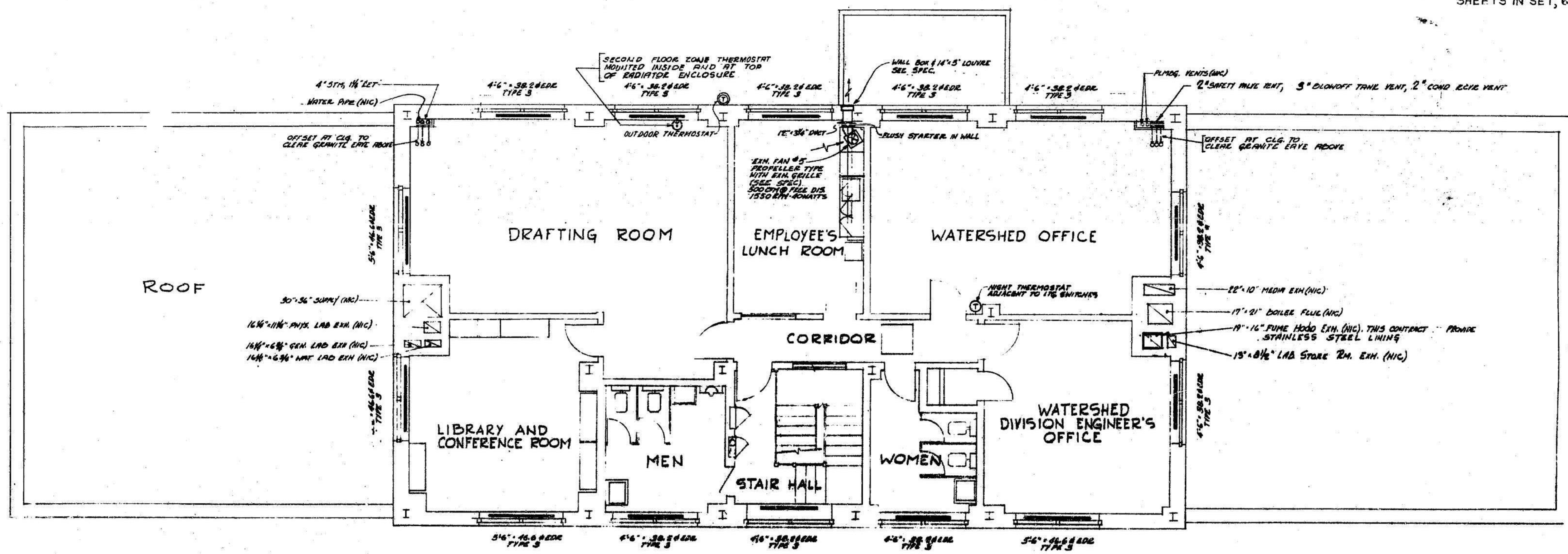
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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NEW YORK CITY
ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY
465 COLUMBUS AVENUE, SUITE 270
VALHALLA, NEW YORK 10595-1336
www.nyc.gov/dcp

Autodesk Docs/060306-03A_CAT-423 W003A-Revision of Kensico Laboratory-03A_C_KLB.rvt 5/2/2023 9:16:00 AM

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.



LEGEND	
1" STEAM SUPPLY	ACCESS DOOR 18" x 24" SEE SPEC
2" STEAM RETURN	CEILING DIFFUSER SIZE NO 25
40" STEAM SUPPLY	INDICATES: SAME AS TYPE 1 EXCEPT WITH 1/2" BARS
40" STAINLESS TUBING	30" STEAM SUPPLY
COLD WATER PIPING	CLG. DIFFUSER WITH BARRER 24" DIA. E
VENT. RETN. RETURN PUMP DISCHARGE PIPING	30" STEAM RETURN
HIGH PRESSURE BOILER FEED PUMP DISCHARGE	50" STEAM RETURN
FIRE DAMPER	INDICATES: SAME AS TYPE 1 EXCEPT 3" BARS HIGH-10228 EDC. PLAN. FT. BASED ON 0" CONNECTOR HEIGHT SEE DETAIL - SHEET 5
VOLUME DAMPER	50" STEAM
SPLITTING DAMPERS WHERE DAMPERS ARE IN DUCTWORK CONCEALED WITH BLDG. CONV.	INDICATES: SAME AS TYPE 2 EXCEPT WITH MANUAL VALVE SEE DETAIL - SHEET 5
ALUMINUM DUCT	INDICATES: SAME AS TYPE 2 EXCEPT 3" BARS HIGH-10228 EDC. PLAN. FT. BASED ON 0" CONNECTOR HEIGHT SEE DETAIL - SHEET 5
STAINLESS STEEL DUCT	30" STEAM
GALVANIZED SHEET STEEL DUCT TO BE PAINTED AS SHOWN	50" STEAM
DRAWN BY: A.E.	50" STEAM
TRACED BY: J.K.	50" STEAM
CHECKED BY: J.J.	50" STEAM

As built
NORMAN HEATING CO. INC.
28-16 SKULLMAN AVE.
LONG ISLAND CITY 1, N. Y.

City of New York
BOARD OF WATER SUPPLY
KENSICO WATER TESTING LABORATORY
HEATING, VENTILATING & STEAM GENERATING EQUIPMENT
SECOND FLOOR PLAN

FEBRUARY 15, 1954

X 8042

APPROVED
FOR THE CITY OF NEW YORK
REGISTERED ARCHITECT N.Y. NO. 4893

Autodesk Docs/060306-03A_CAT-423 W003A-Revision of Kensico Lab/060306-03A_C_KLB-11

DESIGNED BY: R. NEUMANN, P.E.		DRAWN BY: T. ORDONEZ				ACCOUNTABLE MANAGER JOSE NIEVES PORTFOLIO MANAGER MARK DELBALZO, P.E.	*WARNING-IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.*	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dcp	REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 EXISTING HVAC PLAN - SECOND FLOOR	DATE: MAY 2023
CHECKED BY: E. BARBOE, P.E.		DESIGN LEAD: E. BARBOE, P.E.								SCALE:
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D			SHEET NO: 41 OF No. 121		DRAWING NO. DG-115		GRAPHIC SCALES CHECK BEFORE USE IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY

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EXHAUST FAN SCHEDULE

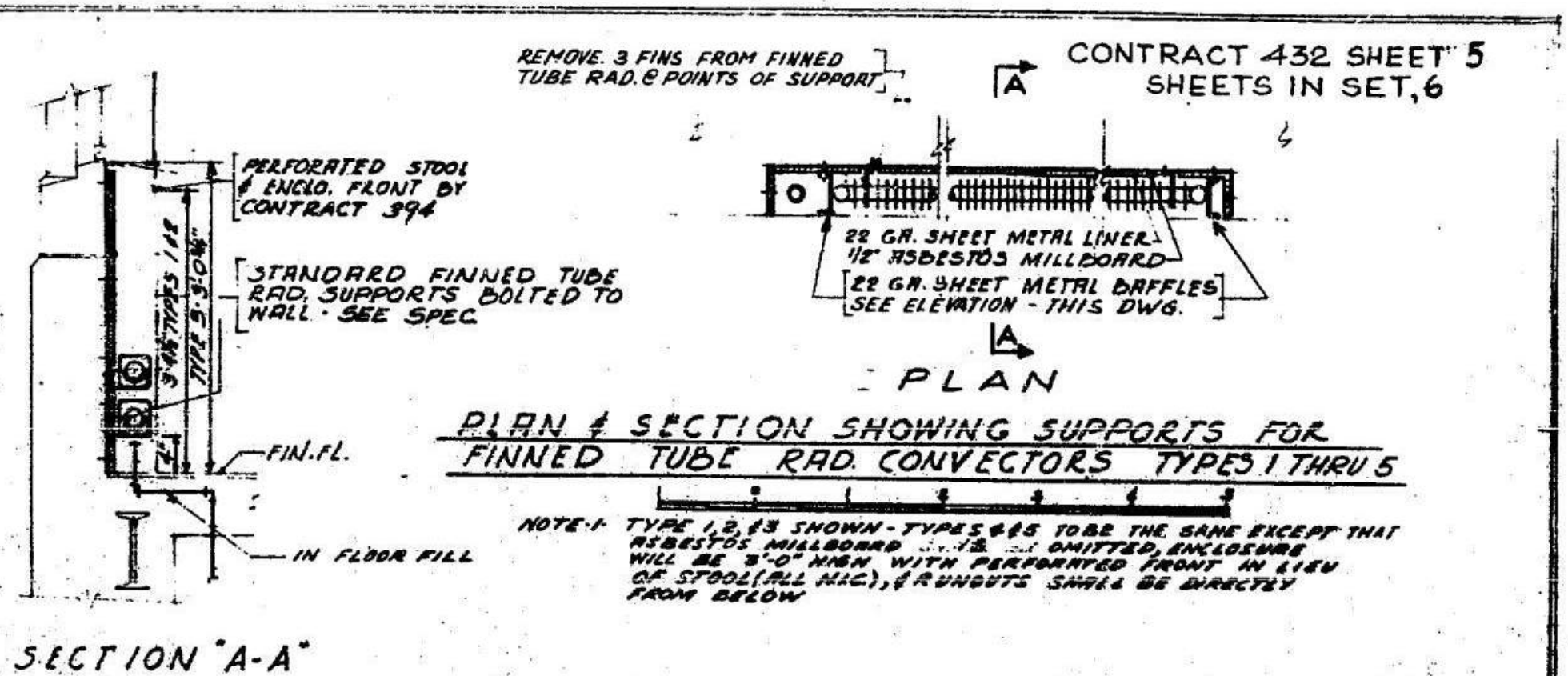
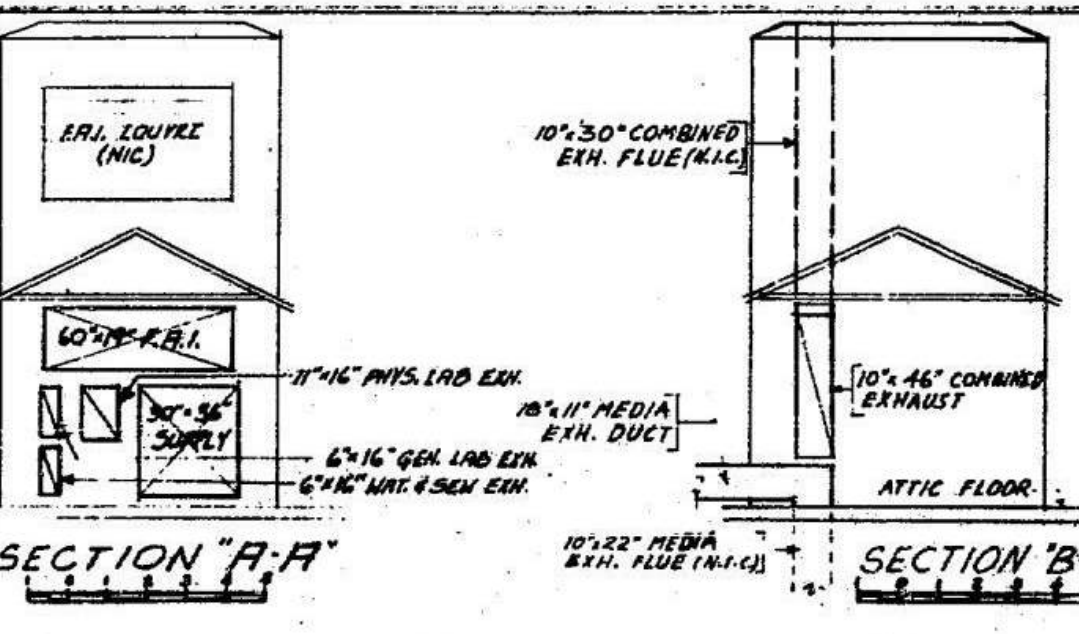
FAN NUMBER	SERVICE	DIRECTION OF FAN DISCHARGE	MINIMUM DISCHARGE SIZE	CFM	MIN. R.P.M.	MIN. DISCHARGE	MOTOR NO.	MOTOR DRIVE		
1	MEDIA PREP. PHYS. LAB.	T.H.D.	18" x 18"	3250	3/4"	1073	.68	3/4	1750	BELT
2	WATER & SEWAGE LAB.	T.H.D.	18" x 18"	900	3/4"	1293	.16	1/4	1750	BELT
3	GENERAL LAB.	T.H.D.	10" x 16"	750	3/4"	865	.15	1/2	860	BELT
4	LABORATORY STOK. RM.	U.B.D.	18" x 18"	930	1/2"	1145	.11	1/2	1140	BELT
5	EMPLOYEES LUNCH RM.	PROPELLER FAN - SEE PLANS & SPEC.		1420	1/4"	1752	.39	1/2	1750	BELT

SEE SPECS. "MOTORS" MOTOR STARTER MOTOR DISCONNECT MANUAL & AUTO. CONTROL DEVICES"

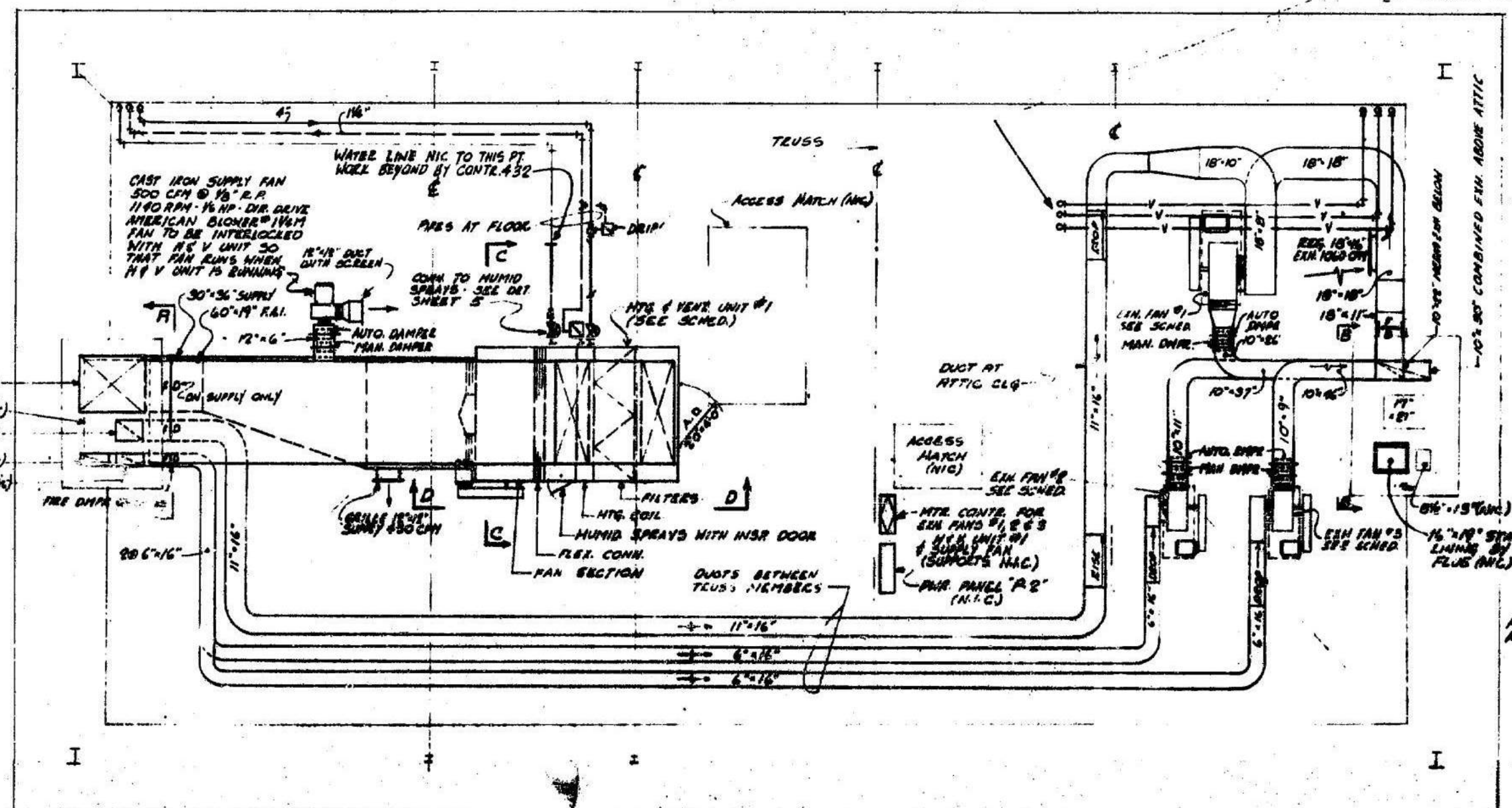
SCHEDULE OF INDIVIDUAL RADIATOR RUNOUTS VALVES & TRAPS

RADIATOR RATING SQ. FT. EDR.	0-50	51-90	91-160
MANUAL RADIATOR VALVE SIZE	3/4"	1"	1 1/4"
RADIATOR TRAP SIZE	1/2"	1/2"	3/4"
HORIZONTAL STEAM RUNOUT SIZE	1"	1 1/4"	1 1/2"
HORIZONTAL RETURN RUNOUT SIZE	3/4"	3/4"	1"

NOTES: 1-AUTOMATIC CONTROL VALVES NOT SIZED PER THIS SCHEDULE - SEE SPEC.
2-HORIZONTAL STEAM RUNOUTS OVER 8'-0" LONG TOTAL "ARK" ONE SIZE LARGER THAN LISTED ABOVE.

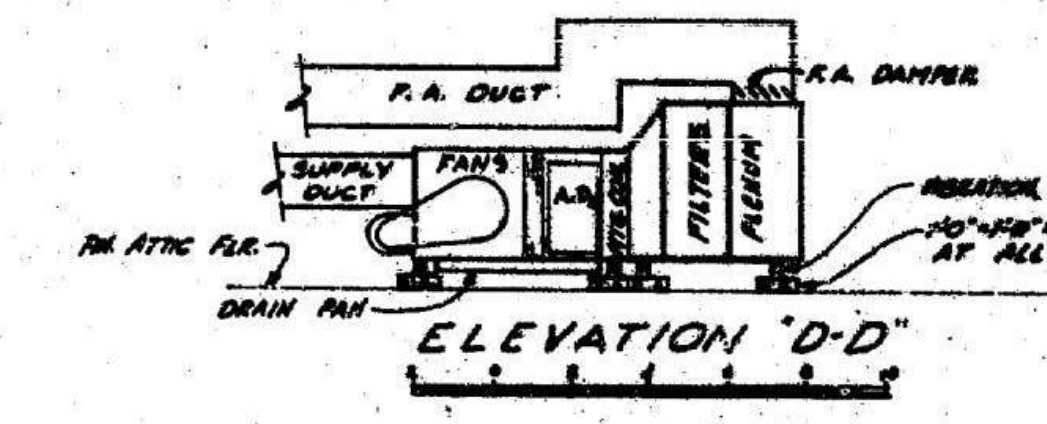


PLAN & SECTION SHOWING SUPPORTS FOR FINNED TUBE RADIATORS TYPES 1 THRU 5

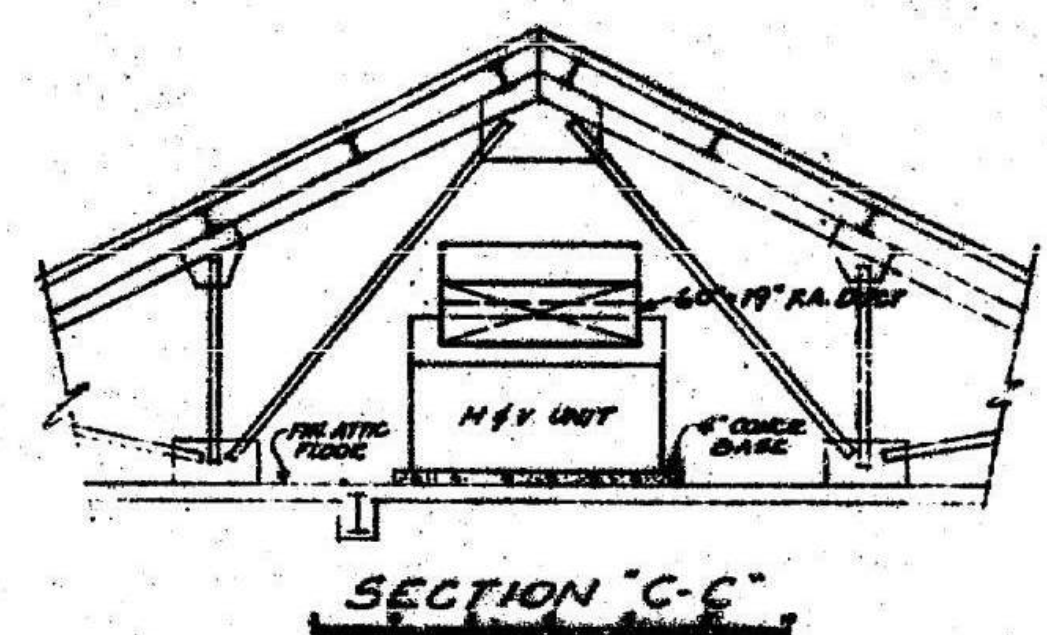


ATTIC PLAN

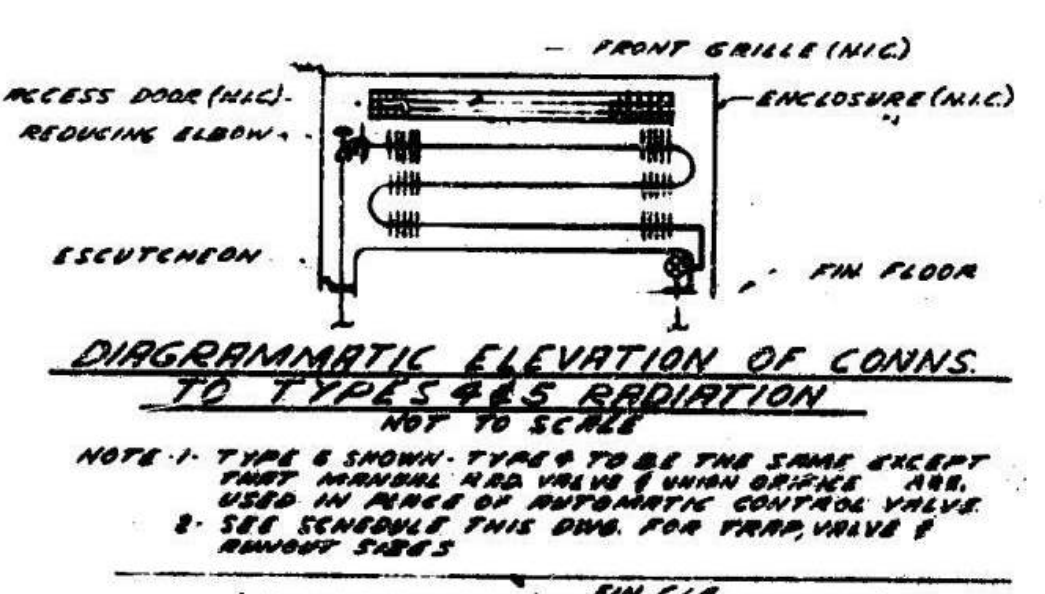
NOTE: VERIFY ALL DIMENSIONS AND MATERIALS WITH CONTRACTOR. VERIFY ALL DIMENSIONS AND MATERIALS WITH CONTRACTOR. VERIFY ALL DIMENSIONS AND MATERIALS WITH CONTRACTOR.



ELEVATION "D-D"



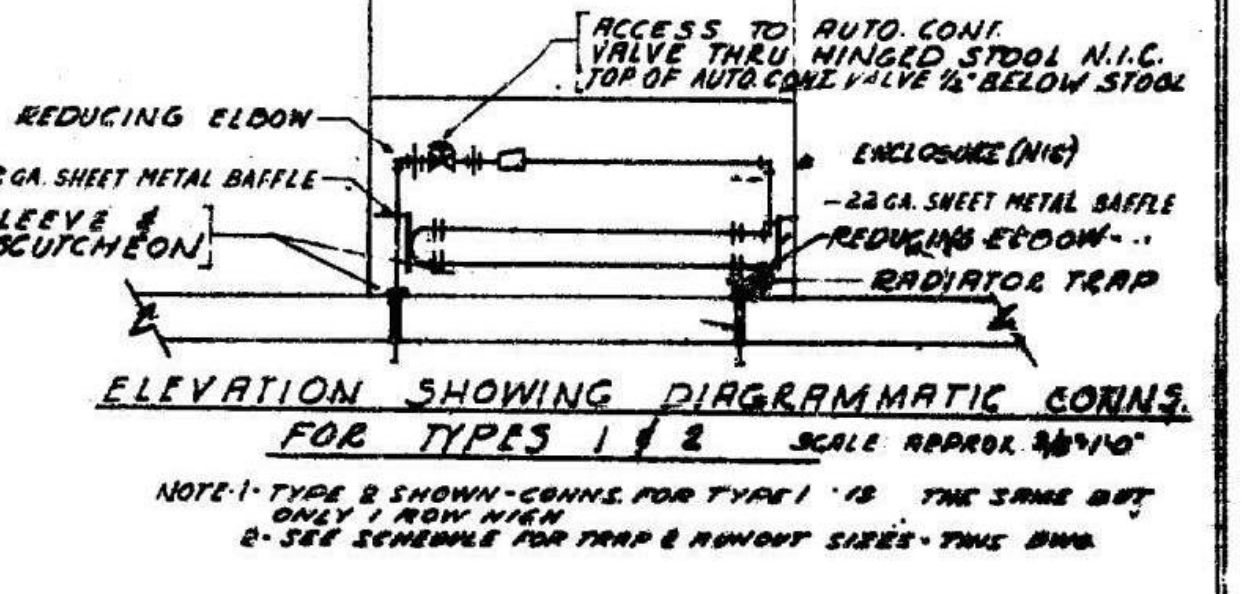
SECTION "C-C"



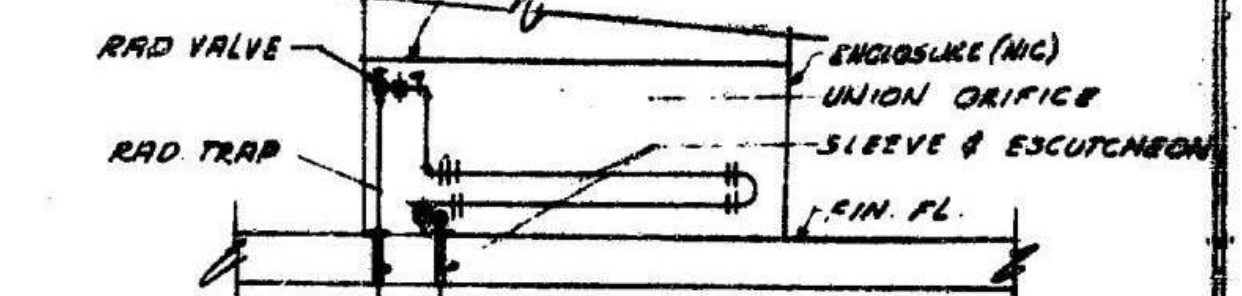
DIAGRAMMATIC ELEVATION OF CONNS TO TYPE 2 & 5 RADIATION



DIAGRAM OF CONNS TO WALL HUNG CAST IRON RADIATORS



ELEVATION SHOWING DIAGMATIC CONNS FOR TYPES 1 & 2



ELEVATION SHOWING DIAGMATIC CONNECTIONS FOR TYPE 3

HEATING & VENTILATING UNIT SCHEDULE

UNIT NUMBER	SERVICE	MTR. NO. WHEELS	MTR. DISCHARGE	MTR. OUTLET VELOCITY	CFM	MTR. DISCHARGE	MTR. DISCHARGE	MOTOR HP	DRIVE	FILTERS NO. CELLS	HEATING CON. (SQ. FEET)	MOUNTING SPRAYS
1	FIRST FLOOR	2	18"	1600	6270	1 1/4"	856	263	3	DELT	8-24-24"	1270 CFM HEAT 6270 CFM FROM 0 TO 10'

SEE SPECS. "MOTORS" MOTOR STARTERS, MOTOR DISCONNECT, MANUAL & AUTO CONTROL DEVICES"

As built
NORMAN HEATING CO. INC.
 25-16 SKULLMAN AVE.
 LONG ISLAND CITY 1, N. Y.

City of New York
 BOARD OF WATER SUPPLY
KENSICO WATER TESTING LABORATORY
 HEATING, VENTILATING & STEAM GENERATING EQUIPMENT
 ATTIC PLAN & DETAILS
 FEBRUARY 15, 1954

APPROVED
 FOR THE ARCHITECTS
[Signature]
 REGISTERED ARCHITECT NO. 4897

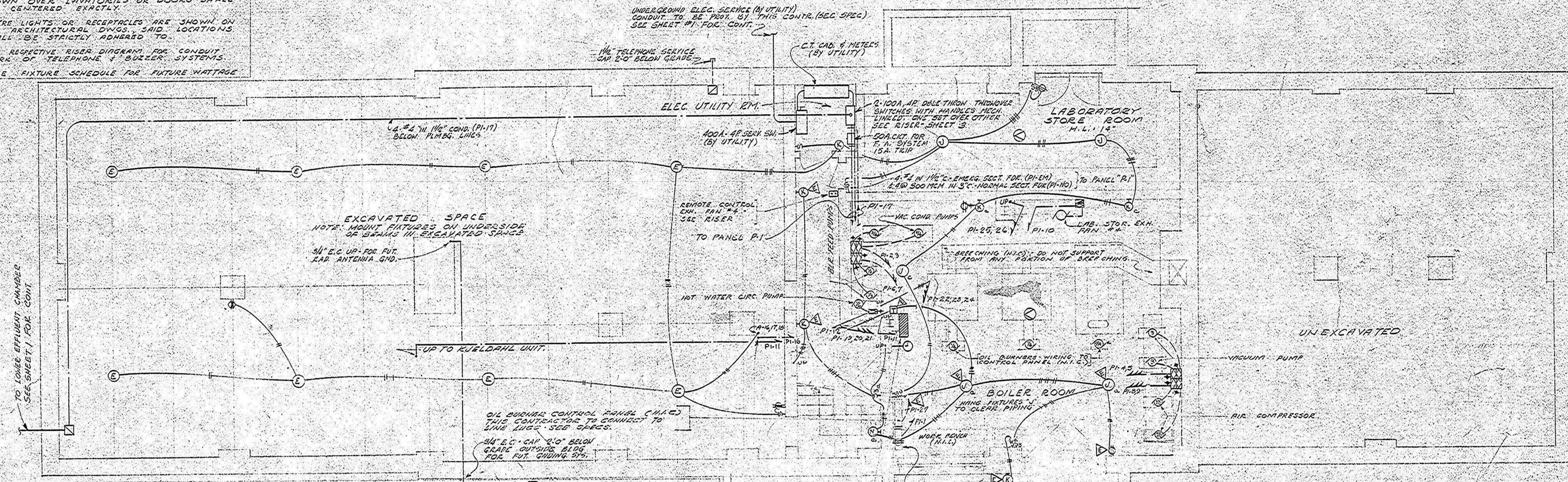
File: CONT. 1-11
 Acc. 180-10
 CASE 50-D

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D	DESIGNED BY: R. NEUMANN, P.E.	DRAWN BY: T. ORDONEZ			NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dwp	REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 EXISTING HVAC PLAN - ATTIC	DATE: MAY 2023	SCALE:	SHEET NO: 42 OF No. 121
				CHECKED BY: E. BARBOE, P.E.	DESIGN LEAD: E. BARBOE, P.E.					DRAWING NO. DG-116		

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.

GENERAL NOTES

1. EXACT LOCATION OF MOTORS TO BE DETERMINED FROM THE MANUFACTURER'S APPROVED SHOP DWGS.
2. BRACKET LIGHTS, EXIT LIGHTS & CLOCK OUTLETS SHOWN OVER LAVATORY'S OR DOORS SHALL BE CENTERED EXACTLY.
3. WHERE LIGHTS OR RECEPTACLES ARE SHOWN ON THE ARCHITECTURAL DWGS., SAID LOCATIONS SHALL BE STRICTLY ADHERED TO.
4. SEE RESPECTIVE RISER DIAGRAM FOR CONDUIT WORK OF TELEPHONE & BUZZER SYSTEMS.
5. SEE FIXTURE SCHEDULE FOR FIXTURE WATTAGE.



- FIRE ALARM SYSTEM THERMO-STATIC DETECTOR HEAD - SEE SPEC.
- FILE ALARM GONG - SEE SPEC. 5'-0" ABOVE FIN. FLR.
- RANGE OUTLET - 18" SW. 20" A. SEC. SPEC.
- PULL OR JUNCTION BOX
- MOTOR (N.C.) - AS NOTED IN SYMBOL
- SIGNAL SYSTEM TRANSFORMER
- H. L. HANGING LENGTH (SEE RISER SHT. 4)
- △ ITEMS INDICATED THUS SHALL BE WIRING ON EMERGENCY CIRCUITS
- BOILER LOW WATER ALARM BELL & OUTLET BOX BOT. OF BOX 3/4" ABOVE FIN. FLR. - SEE SPEC.
- CONTROL CKT. WIRING

- CIRCUIT IN FLOOR ABOVE
- CIRCUIT IN FLOOR FILL
- CIRCUIT EXPOSED ON UNDERSIDE OF BEAMS APPROXIMATELY AS SHOWN
- CEILING LIGHT FIXTURE F-6 OUTLET BOX SWITCHED BY SWITCH "S"
- WALL BRACKET FIXTURE S OUTLET BOX BOTTOM OF BOX IN JOINT, NEAREST 5'-0" ABOVE FIN. FLR. OR 9'-0" ABOVE ROOM CEILING
- DUPLEX COMMUNICATION OUTLET & OUTLET BOX BOTTOM OF BOX TO BE 12" ABOVE FIN. FLR. OR 4" ABOVE COUNTERTOP, TOP SPLASHBACK OR OTHER GOVERNING MANUFACTURER'S MOUNTING HEIGHT OUTLET
- HANGY DIFFERENTIAL (BOA) THWISTLOCK TYPE: 1'-3" BOTTOM OF BOX 12" ABOVE FIN. FLR.
- SINGLE COMMUNICATION OUTLET & OUTLET BOX 1'-0" ABOVE FIN. FLOOR
- FLUSH MOUNTED WALL BOX
- RECEPTACLE IN USE ON TABLE (N.C.) THIS CONTRACTOR TO WIRE IN ACCORDANCE WITH SPEC.
- FAN OUTLET & OUTLET BOX 15" ABOVE FIN. FLR. 3'-0" FROM WALL UNLESS NOTED TO BE 2'-0" OR 2'-6" FROM FIN. OUTLET
- LIGHTING PANEL - RUSH - SEE SPEC. & SCHEDULE TOP SWITCH 5'-8" ABOVE FIN. FLR.
- POWER PANEL - SURFACE MOUNTED - SEE SPEC. SCHEDULE. SWITCHES OF THIS KIND TO BE 5'-8" ABOVE FIN. FLR.
- MOTOR DISCONNECT SWITCH - SEE SPEC. SURFACE MOUNTED UNLESS OTHERWISE NOTED

- SURFACE M.T.C. (OR SUSPENDED) CEILING PLUMBING SHALL BE 4" FROM WALL & 6" FROM FIN. FLOOR UNLESS OTHERWISE NOTED
- SINGLE POLE SWITCH SWITCHING POINT OF BOTTOM OF BOX IN JOINT NEAREST 5'-0" ABOVE FIN. FLR. UNLESS OTHERWISE NOTED
- 3-WAY SWITCH - HEIGHT SAME AS SINGLE SWITCH & PILOT LIGHT IN COMMON PLATE HEIGHT SAME AS SWITCHES ABOVE UNLESS OTHERWISE NOTED
- MOTOR CONTROLLER - SURFACE MOUNTED 4'-6" ABOVE FIN. FLOOR UNLESS OTHERWISE NOTED
- CONN. TO AUTO CONTROL DEVICE PER WIRING DIAG. PROV. BY EQUIPMENT MFR.
- REMOTE CONTROL DEVICE - SEE SPEC. - SEE CONTR. 433 SPEC. FOR DESCRIPT. FLUSH MOUNTED UNLESS OTHERWISE NOTED
- BUZZER - 7'-6" ABOVE FIN. FLR. ON SIGN LETTER DESIGNATES ASSOC. SYSTEM
- PUSH BUTTON 3/4" ABOVE FIN. FLR. - SEE SPEC. LETTER DESIGNATES ASSOC. SYSTEM
- NOT IN ELECTRICAL CONTRACT
- CLOCK OUTLET (SEE SPEC.) OUTLET BOX 5'-6" ABOVE FIN. FLR. UNLESS OTHERWISE NOTED
- DOOR SWITCH (SEE SPEC.)
- LIGHTING FIXTURE (N.C.) - THIS CONTR. TO MOUNT WIRE & CONN. TELEPHONE OUTLET & OUTLET BOX 12" ABOVE FIN. FLR. - SEE SPEC.

SCHEDULE OF DISTRIBUTION PANEL "P-1"

MAINS: NORMAL 30 @ 100 A - SOLID NEUT. MOUNTING: SURFACE

CIRCUIT NO.	SERVES	ESTIM. CIRCUIT BREAKER SIZE	TRIP SIZE	WIRE SIZE	COND. REMARKS
P-1-1	THELENO CONTR. PANEL	50 A	15 A	#12	9/4"
P-1-2	VACUUM COND. PUMPS	50 A	3	#12	1"
P-1-3	VACUUM PUMPS	50 A	15	#12	1"
P-1-4	BOILER FEED PUMPS	50 A	10	#12	3/4"
P-1-5	AIR COMPRESSOR	50 A	30	#10	1"
P-1-6	LAB. STORE EXH. FAN #A	50 A	5	#12	2-SPEED MOTOR
P-1-7	KJELDHAL UNIT	125 A	35	#10	3/4"
P-1-8	NOT WATER CIRC. PUMP	50 A	3	#12	3/4"
P-1-9	POWER PANEL "P-2"	100 A	3	#10	1 1/2"
P-1-10	LIGHTING PANEL "A"	100 A	3	#10	2"
P-1-11	LOW VOLT CHARGE FDR	100 A	3	#10	2"
P-1-12	SPACE	100 A	3	#10	2"
P-1-13	LOTS, RECEIPT, SIGNAL ALARMS	50 A	15	#12	3/4"
P-1-14	INCINERATOR, REF. BOD	50 A	15	#12	3/4"
P-1-15	OUTLETS (PUT. RADIO XMITT)	15 KW	20	#10	3/4"
P-1-16	OIL BURNER CONTR. PANEL	50 A	15	#12	3/4"
P-1-17	SPACE	50 A	3	#10	2"

NOTES FOR PANEL SCHEDULE
 * - FOR EACH CIRCUIT
 * - TOTAL FOR ALL CUTS
 FDR: P-1-NO. 4 @ 300 MEN IN 3" C.
 FDR: P-1-EM: 4" x 4" IN 1 1/2" C.

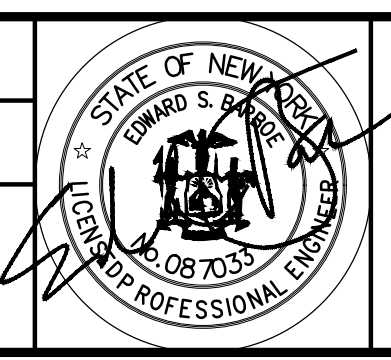
City of New York
 BOARD OF WATER SUPPLY
KENSICO WATER TESTING LABORATORY
 ELECTRICAL EQUIPMENT AND APPURTENANCES
 BASEMENT FLOOR PLAN

APPROVED:
 FOR WORK & SERVICE CONTRACTS
 REGISTERED ELECTRICAL ENGINEER
 REG. NO. 4055

DRAWN BY: H.K.M.
 TRACED BY: J.S.M.
 CHECKED BY: J.S.M.

DESIGNED BY:
 R. NEUMANN, P.E.
 CHECKED BY:
 E. BARBOE, P.E.

DRAWN BY:
 T. ORDONEZ
 DESIGN LEAD:
 E. BARBOE, P.E.



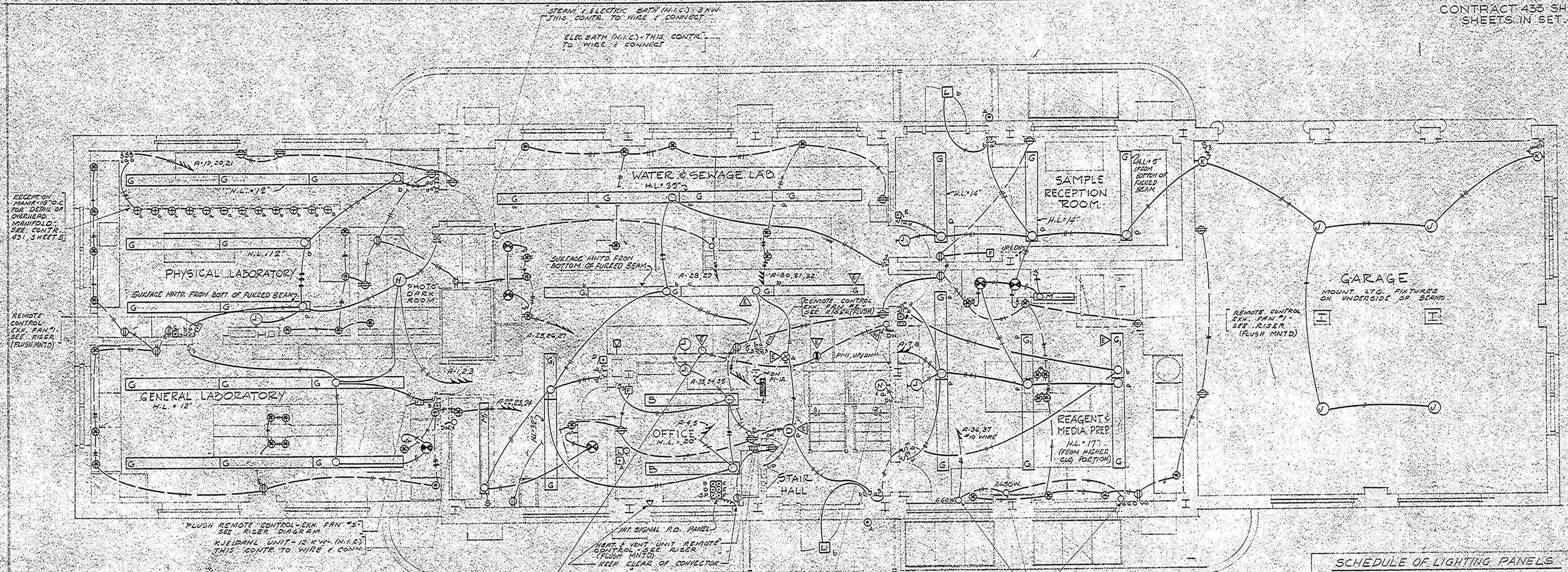
ACCOUNTABLE MANAGER
 JOSE NIEVES
 PORTFOLIO MANAGER
 MARK DELBALZO, P.E.

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 465 COLUMBUS AVENUE, SUITE 270
 VALHALLA, NEW YORK 10595-1336
 www.nyc.gov/dcp

BID SET	GRAPHIC SCALES CHECK BEFORE USE
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
EXISTING ELECTRICAL PLAN - CELLAR	DATE: MAY 2023 SCALE: SHEET NO: 43 OF No. 121 DRAWING NO: DG-117

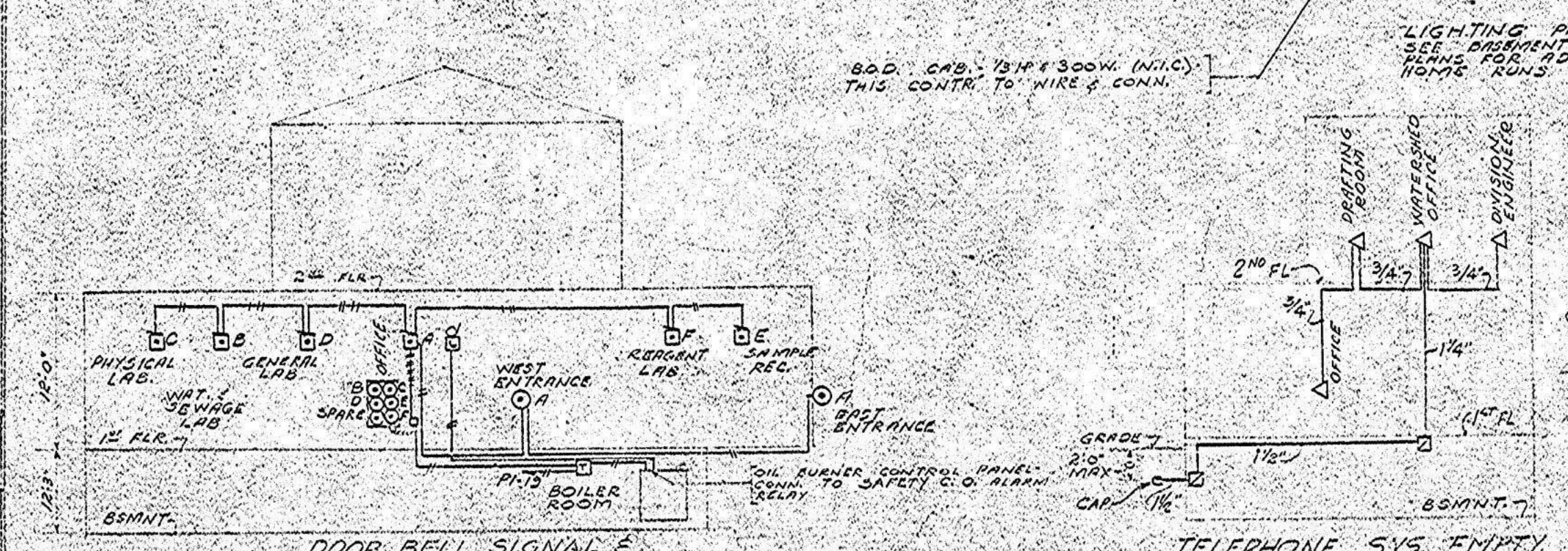
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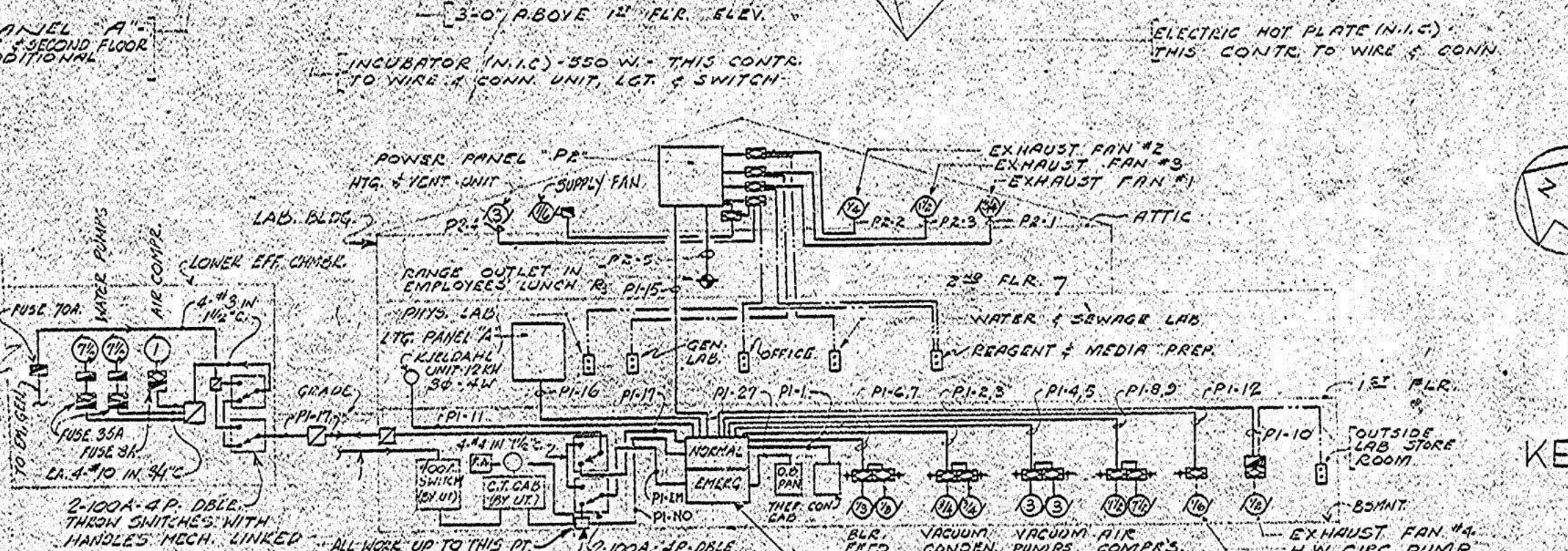
SCHEDULE OF LIGHTING PANELS					
PANEL	MOUNTING	NO. OF CIRCUITS	CKT. BKR. TRIP CALIBR.	REMARKS	
A	FLUSH	42	30A	25A	30A
			19,20,21	28,29,37	

* ALL OTHER TRIP CALIBRATIONS SHALL BE 15 AMPERES
1. CIRCUIT BREAKER FRAME SIZES SHALL BE 50 AMP. RATED.
2. PANEL SHALL HAVE 3 WIRE MAINS & SOLID NEUTRAL.

NOTE: SEE SHEET 2 FOR LEGEND



DOOR BELL SIGNAL &
LOW WATER ALARM SYSTEM
RISER DIAGRAM
NO SCALE
NOTE: ASSOCIATED SYSTEMS ARE
REPRESENTED BY SIMILAR LETTERS



NOTE: THROUGH SWITCHES SHOWN IN NOMINAL POSITION

City of New York
BOARD OF WATER SUPPLY
KENSICO WATER TESTING LABORATORY
ELECTRICAL EQUIPMENT AND APPURTENANCES
MAIN FLOOR PLAN

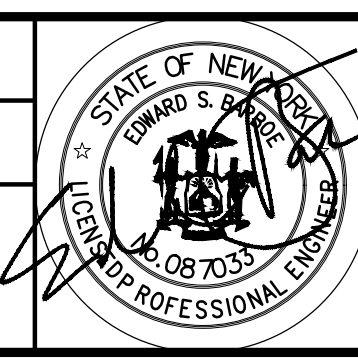
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FOR YORK SAWYERS ARCHITECTS
No. 4825

File: CONT. 433-28.0 Acc: 716 21

DESIGNED BY:
R. NEUMANN, P.E.
CHECKED BY:
E. BARBOE, P.E.



DRAWN BY:
T. ORDONEZ
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 44 OF No. 121 DRAWING NO. DG-118
EXISTING ELECTRICAL PLAN - FIRST FLOOR	

Autodesk Docs/06290-03A_CAT-423 W033A Reason of Kennico Lab#06290-03A_C_KLB#1
5/2/2023 9:16:01 AM

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.

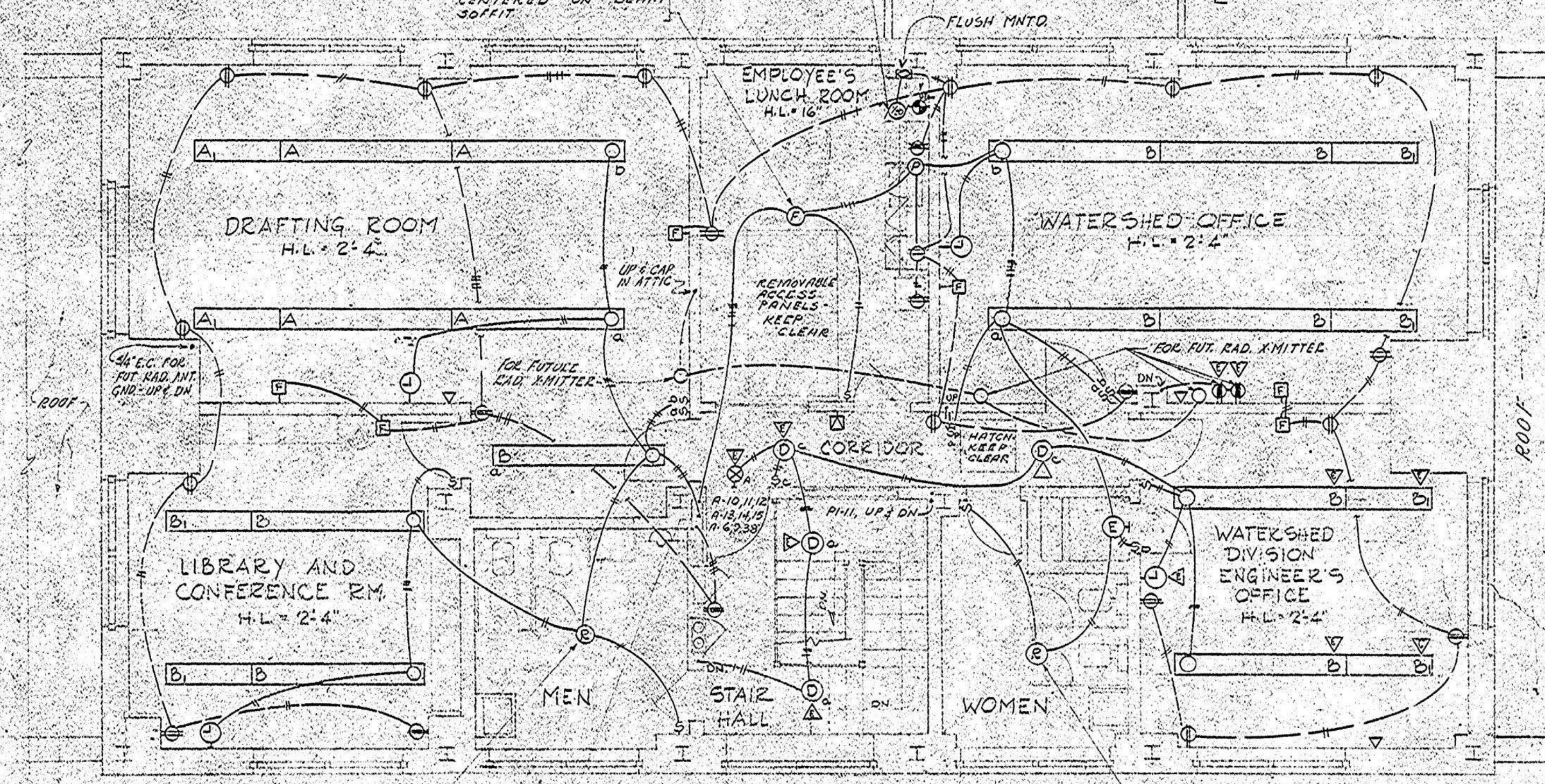
SCHEDULE OF LIGHTING FIXTURES

TYPE	PICTORIAL	DESCRIPTION	AMPS	WATTAGE
A		A-SUSPENDED (20% ON - 80% UP DISTO) 47-81" x 24" x 18" SLIMLINE FL. FIX. TRANSLUCENT PLASTIC SIDES BOTTOM SINGLE 2" WINGEDS	440mA	150W
B		B-SAME AS "A" EXCEPT 4" LONG	94	300
C		C-SAME AS "A" EXCEPT 2" TUBE	94	300
D		D-SAME AS "B" EXCEPT 4" LONG	188	600
E		E-SAME AS "C" EXCEPT 10" DIAM	220	750
F		F-SAME AS "C" EXCEPT 10" DIAM	220	750
G		G-SAME AS "G" EXCEPT 4" LONG	94	300
H		H-SAME AS "G" EXCEPT 4" LONG	94	300
I		I-SAME AS "G" EXCEPT 4" LONG	94	300
J		J-SAME AS "G" EXCEPT 4" LONG	94	300
K		K-SAME AS "G" EXCEPT 4" LONG	94	300
L		L-SAME AS "G" EXCEPT 4" LONG	94	300
M		M-SAME AS "G" EXCEPT 4" LONG	94	300
N		N-SAME AS "G" EXCEPT 4" LONG	94	300
O		O-SAME AS "G" EXCEPT 4" LONG	94	300
P		P-SAME AS "G" EXCEPT 4" LONG	94	300
Q		Q-SAME AS "G" EXCEPT 4" LONG	94	300
R		R-SAME AS "G" EXCEPT 4" LONG	94	300
S		S-SAME AS "G" EXCEPT 4" LONG	94	300
T		T-SAME AS "G" EXCEPT 4" LONG	94	300
U		U-SAME AS "G" EXCEPT 4" LONG	94	300
V		V-SAME AS "G" EXCEPT 4" LONG	94	300
W		W-SAME AS "G" EXCEPT 4" LONG	94	300
X		X-SAME AS "G" EXCEPT 4" LONG	94	300
Y		Y-SAME AS "G" EXCEPT 4" LONG	94	300
Z		Z-SAME AS "G" EXCEPT 4" LONG	94	300

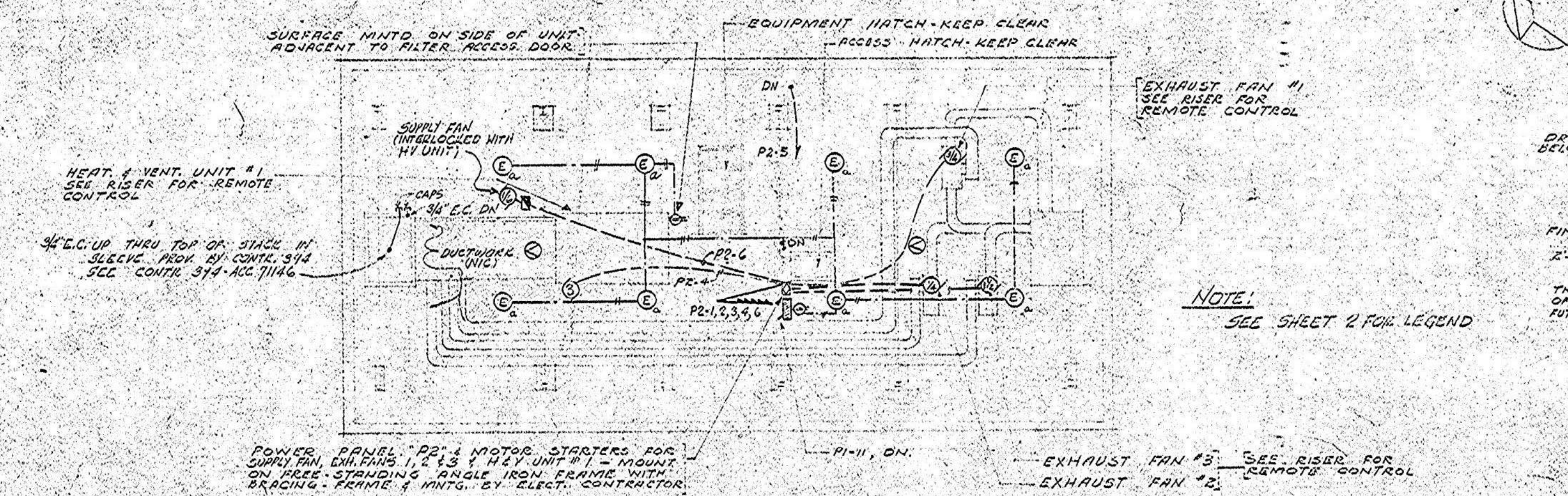
FINISH SCHEDULE
A - ALUMINUM
B - BAKED WHITES ENAMEL TG. TRANSLUCENT GLASS
P - PLASTIC
PO - PORCELAIN ENAMEL
HANGING LENGTHS
SEE INDIVIDUAL ROOM

DRAWN BY HEM
TRACED BY HEM
CHECKED BY JOH

92" LONG - FLUORESCENT REFLEC-
TOR END CAPS MOUNTED
UNDER FRONT EDGE OF
CABINET & REFLECTOR UNDER
FIXTURE
WIREMOLD #21 AL24
KEYLESS INCANDESCENT
PORCELAIN MOUNTED FULLY
CAST REFLECTOR & BASE 150W
PASS J SEYMOUR ALABAMA #AL2032



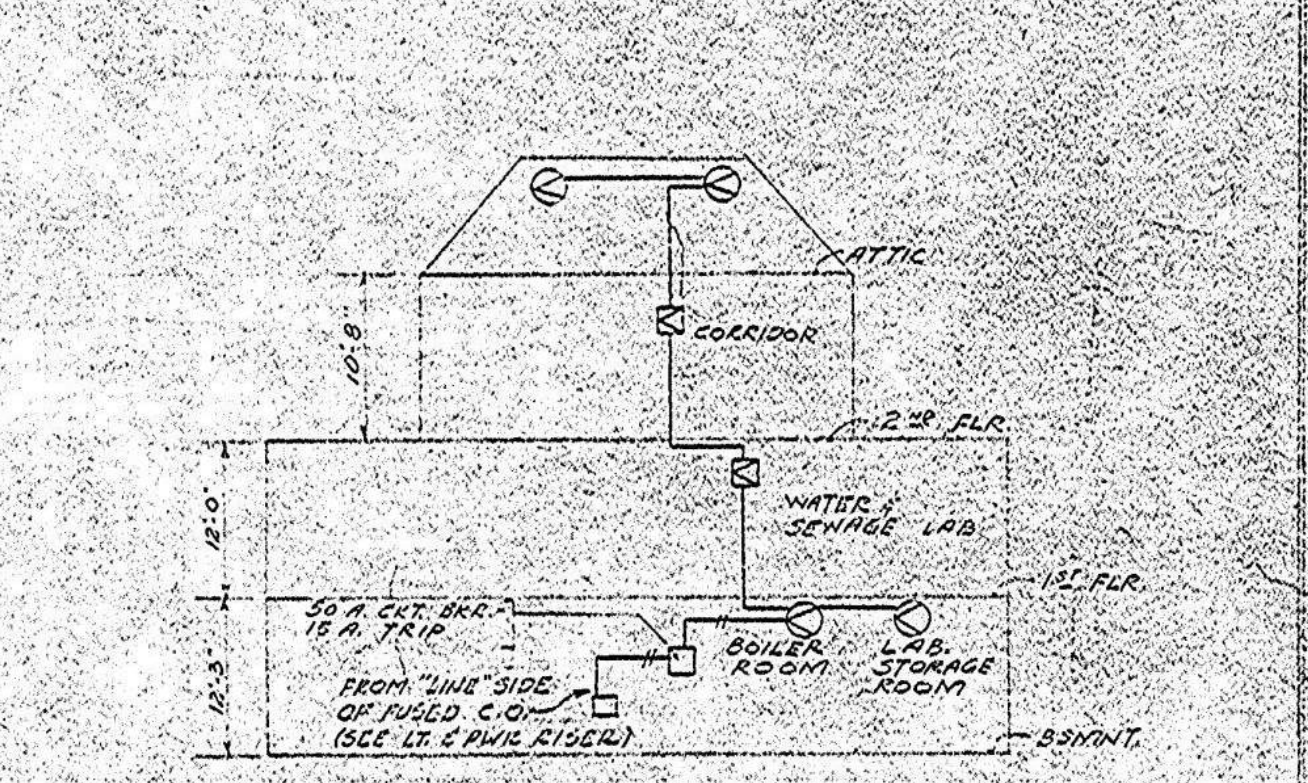
SECOND FLOOR PLAN



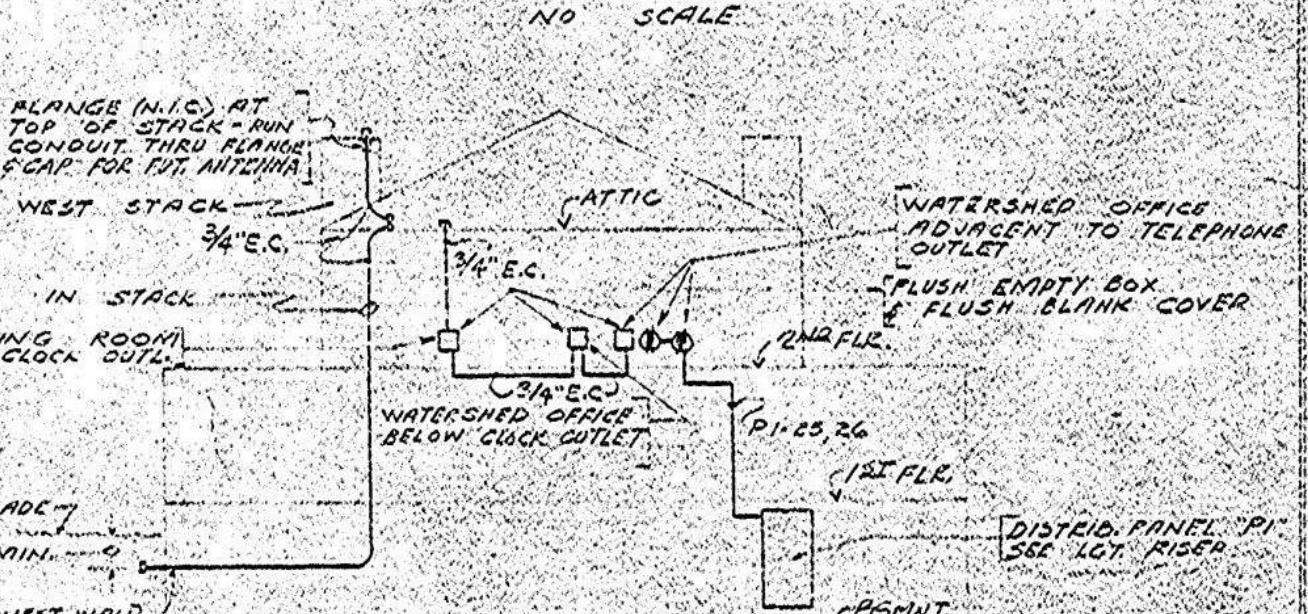
ATTIC FLOOR PLAN

SCHEDULE OF POWER PANEL "P2"

CYRC NO.	SERVES	HP	KVA	FRAME SIZE	TRIP WIRE CALIB. RATING	WIRE SIZE	COND.	REMARKS
P2-1	EXHAUST FAN #1	1/4	1/4	50	3	10	3	1/2
P2-2	EXHAUST FAN #2	1/4	1/4	50	3	10	3	1/2
P2-3	EXHAUST FAN #3	1/4	1/4	50	3	10	3	1/2
P2-4	HEAT & VENT. UNIT	3	3	50	3	10	3	1/2
P2-5	ELECTRIC MOTOR (EMPLOYEE LUNCH R)	10	10	50	3	10	3	1/2
P2-6	SUPPLY FAN	1/6	1/6	50	3	10	3	1/2
P2-7	SPARE			50	3	10	3	1/2
P2-8	SPARE			50	3	10	3	1/2



FIRE ALARM SYSTEM RISER DIAGRAM



CONDUIT SYSTEM RISER DIAGRAM FOR FUTURE RADIO TRANSMITTER

City of New York
BOARD OF WATER SUPPLY
KENSICO WATER TESTING LABORATORY
ELECTRICAL EQUIPMENT AND APPURTENANCES
SECOND & ATTIC FLOOR PLAN

APPROVED
FOR [Signature] & SAUNDERS ARCHITECTS
REGISTERED ARCHITECT NO. 4892

File: CONT 433-28.0 AC: 71626

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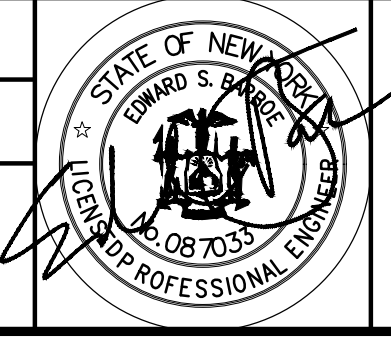
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

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EXISTING ELECTRICAL PLAN - SECOND FLOOR AND ATTIC	DATE: MAY 2023 SCALE: SHEET NO: 45 OF No. 121 DRAWING NO: DG-119

GENERAL STRUCTURAL NOTES

- G-1 THESE NOTES ARE GENERAL AND SUPPLEMENT THE SPECIFICATIONS. THESE NOTES APPLY TO THE ENTIRE PROJECT UNLESS MODIFIED OR NOTED OTHERWISE IN THE CONTRACT DOCUMENTS.
- G-2 STANDARD DETAILS SHALL BE USED WHEN REFERRED TO OR WHEN NO MORE RESTRICTIVE OR DIFFERENT DETAILS ARE SHOWN ON THE DRAWINGS.
- G-3 DESIGN IS IN ACCORDANCE WITH AND CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE 2018 INTERNATIONAL BUILDING CODE ADOPTED BY THE STATE OF NEW YORK UNIFORM BUILDING CODE. THE DESIGN LOADS AND OTHER DESIGN VALUES GIVEN IN NOTES G-4 THROUGH G-7 WERE USED FOR DESIGN OF STRUCTURES UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- G-4 LIVE LOADS:

STRUCTURE	LEVEL	FIRST FLOOR	SECOND FLOOR	ROOF
ALL AREAS, EXCEPT AS NOTED BELOW		100 PSF	100 PSF	20 PSF
C12 MAINTENANCE AREA		200 PSF	N/A	N/A
TOS WORK AREA		300 PSF	N/A	N/A
ELECTRIC CLOSET		N/A	300 PSF	N/A

- ALL STAIRWAYS, LANDINGS AND PLATFORMS ARE DESIGNED FOR A LIVE LOAD = 100 PSF UNLESS NOTED OTHERWISE.
- G-5 SNOW LOAD:
GROUND SNOW LOAD (Pg) = 30 PSF
FLAT-ROOF SNOW LOAD (Pf) = 21 PSF
SNOW EXPOSURE FACTOR (Ce) = 1.0 (EXPOSURE C)
SNOW LOAD IMPORTANCE FACTOR (Is) = 1.0 (RISK CATEGORY II)
THERMAL FACTOR (Ct) = 1.0
- G-6 WIND DESIGN CRITERIA:
ULTIMATE DESIGN WIND SPEED (Vult) = 115 MPH
RISK CATEGORY = II
WIND EXPOSURE = C
- G-7 SEISMIC LOAD:
RISK CATEGORY = II
SEISMIC IMPORTANCE FACTOR (Ie) = 1.0
SITE CLASS = D
MAPPED SPECTRAL RESPONSE ACCELERATIONS (Ss/S1) = 0.292/0.061
SPECTRAL RESPONSE ACCELERATIONS (SMS/SM1) = 0.457/0.147
SPECTRAL RESPONSE COEFFICIENTS (SDS/SD1) = 0.305/0.098
SEISMIC DESIGN CATEGORY = B

- G-8 ALL DIMENSIONS INDICATED FOR EXISTING STRUCTURES SHALL BE VERIFIED BY FIELD MEASUREMENT. ALL DIMENSIONS THAT ARE CONTROLLED BY OR RELATED TO EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR WITH THE MANUFACTURER SHOP DRAWINGS PRIOR TO CONSTRUCTION.
- G-9 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION IN THE FIELD AS REQUIRED FOR NEW WORK.
- G-10 IF A CONFLICT IS FOUND BETWEEN DIFFERENT PORTIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTINUED CONSTRUCTION OF THE AREA IN CONFLICT SHALL BE AT THE CONTRACTOR'S OWN RISK UNTIL THE CONFLICT IS RESOLVED.
- G-11 EQUIPMENT ANCHOR BOLT SIZES, TYPES, EMBEDMENT AND PATTERNS SHALL BE VERIFIED WITH THE MANUFACTURER. ALL BOLT PATTERNS SHALL BE TEMPLATE TO ENSURE ACCURACY OF PLACEMENT.
- G-12 STRUCTURAL DRAWINGS SHALL BE USED IN COORDINATION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND MANUFACTURER'S SHOP DRAWINGS.
- G-13 STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ON THE COMPLETED STRUCTURE. DURING CONSTRUCTION, THE STRUCTURES SHALL BE PROTECTED BY BRACING AND TEMPORARY SUPPORTS WHEREVER EXCESSIVE CONSTRUCTION LOADS MAY OCCUR. OVERSTRESSING OF ANY STRUCTURAL ELEMENT IS PROHIBITED.
- G-14 IF CONTRACTOR DESIRES TO TEMPORARILY PLACE OR MOVE LOADS ON OR ADJACENT TO EXISTING STRUCTURES OR UTILITIES DURING CONSTRUCTION PROCESS, CONTRACTOR IS EXCLUSIVELY RESPONSIBLE FOR MAINTAINING STRUCTURAL INTEGRITY AND AVOIDING OVERSTRESSING AND DAMAGING EXISTING STRUCTURES AND UTILITIES. CONTRACTOR SHALL SUBMIT STRUCTURAL CALCULATIONS AND DRAWINGS VERIFYING PROPOSED CONSTRUCTION INCLUDING APPLICATION OF TEMPORARY CONSTRUCTION LOADS WILL NOT OVERSTRESS OR DAMAGE EXISTING STRUCTURES AND UTILITIES. DRAWINGS AND CALCULATIONS SHALL BE SEALED BY A PROFESSIONAL ENGINEER CURRENTLY REGISTERED IN THE STATE OF NEW YORK.
- G-15 NO BACKFILL SHALL BE PLACED AGAINST ANY SUBSTRUCTURE WALLS UNLESS ALL ADJACENT SUPPORTING ELEMENTS HAVE ACHIEVED DESIGN STRENGTH, OR WALLS HAVE BEEN PROPERLY BRACED, AND IN ANY CASE NOT SOONER THAN 28 DAYS AFTER THE PLACING OF CONCRETE UNLESS APPROVED BY THE ENGINEER. SUPPORTING ELEMENTS SHALL INCLUDE ADJACENT WALLS, SLABS, BEAMS AND COLUMNS.

NONSTRUCTURAL COMPONENT ANCHORAGE

- A-1 ALL ARCHITECTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS SHALL BE DESIGNED AND INSTALLED TO RESIST THE CONTROLLING CONDITION OF OPERATIONAL FORCES OR SEISMIC FORCES IN ACCORDANCE WITH THE GOVERNING BUILDING CODE. SEISMIC FORCES SHALL ALSO BE AS PER ASCE 7. COMPONENT SEISMIC ATTACHMENTS SHALL BE BOLTED, WELDED, OR OTHERWISE POSITIVELY FASTENED WITHOUT CONSIDERATION OF FRICTIONAL RESISTANCE PRODUCED BY THE EFFECTS OF GRAVITY. A CONTINUOUS LOAD PATH OF SUFFICIENT STRENGTH AND STIFFNESS BETWEEN THE COMPONENT AND THE SUPPORTING STRUCTURE SHALL BE PROVIDED. CONNECTIONS FOR BOTH ORTHOGONAL DIRECTIONS (TRANSVERSE AND LONGITUDINAL) SHALL BE DESIGNED BY THE CONTRACTOR'S ENGINEER CURRENTLY REGISTERED IN THE STATE OF NEW YORK.
- A-2 COMPONENT REACTION FORCES AT THE POINT OF ATTACHMENT TO THE STRUCTURE SHALL BE SUBMITTED TO AND COORDINATED WITH THE ENGINEER FOR CONFIRMATION SUPPORTING STRUCTURE CAN WITHSTAND REACTION FORCES.
- A-3 CONTRACTOR SHALL PROVIDE SPECIAL SEISMIC CERTIFICATION (SSC) FROM MANUFACTURER OF EQUIPMENT FOR ALL SYSTEMS DEEMED NECESSARY BY SPECIFICATIONS. SPECIAL SEISMIC CERTIFICATION SHALL BE IN COMPLIANCE WITH ASCE 7.

EXISTING INFORMATION

- X-1 ALL EXISTING INFORMATION SHOWN ON THESE DRAWINGS INCLUDING, DIMENSIONS, ELEVATIONS, AND CONFIGURATIONS IS DERIVED FROM THE RECORD DRAWINGS TITLED CITY OF NEW YORK, BOARD OF WATER SUPPLY KENSICO WATER TESTING LABORATORY CONTRACT 394, DATED FEBRUARY 1954 AND IS NOT GUARANTEED TO BE COMPLETE OR CORRECT.
- X-2 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION IN THE FIELD AS REQUIRED FOR DEMOLITION AND MODIFICATIONS.

SPECIAL INSPECTIONS

- SI-1 SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH SPECIFICATIONS AND THE BUILDING CODE OF NEW YORK STATE.

CONCRETE (CAST-IN-PLACE)

- C-1 DESIGN OF CONCRETE ELEMENTS INCLUDING WALLS, FORMED SLABS, BEAMS, AND COLUMNS IS IN ACCORDANCE WITH ACI 318 (CODE REQUIREMENTS FOR STRUCTURAL CONCRETE).
- C-2 FOR CONCRETE MIX DESIGN SEE SPECIFICATION SECTION 03300.
- C-3 CONCRETE STRENGTH CLASSES (28-DAY COMPRESSIVE STRENGTH):
A. CLASS 45 - USE FOR ALL CONCRETE UNLESS INDICATED OTHERWISE.
B. CLASS B-32 - USE NYCDOT SPECIFICATION FOR SIDEWALKS, HEADERS AND CURB.
C. CLASS 25 - USE FOR LEAN CONCRETE.
- C-4 ALL BAR REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60. WHERE REINFORCEMENT IS TO BE WELDED IN ACCORDANCE WITH AWS D1.4, ASTM A706 GRADE 60 SHALL BE USED. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- C-5 CONCRETE COVER FOR REINFORCING (UNLESS NOTED OTHERWISE ON THE DRAWINGS):
A. CONCRETE DEPOSITED DIRECTLY AGAINST SOIL: 3"
B. CONCRETE EXPOSED TO WEATHER (#5 OR SMALLER): 1 1/2"
CONCRETE EXPOSED TO WEATHER (#6 OR LARGER): 2"
C. SLABS: 1 1/2"
AT SURFACES CONTACTING FLUID: 2"
D. BEAMS AND COLUMNS (TO MAIN REINFORCEMENT): 2"
BEAMS AND COLUMNS (TO COLUMN TIES OR STIRRUPS): 1 1/2"
E. WALLS 12" OR MORE: 2"
WALLS LESS THAN 12" (#5 OR SMALLER): 1 1/2"
WALLS LESS THAN 12" (#6 OR LARGER): 2"
F. FOR SURFACES EXPOSED TO FLUID IN BEAMS, COLUMNS AND WALLS: ADD 1/2" TO ABOVE VALUES
- C-6 SPLICES SHALL BE CLASS "B" CONFORMING TO THE PROVISIONS OF ACI 318 UNLESS NOTED OTHERWISE. SPLICE LENGTH FOR TWO DIFFERENT SIZED BARS TO BE LAP SPLICED TOGETHER SHALL BE THE LENGTH OF THE LARGER BAR UNLESS NOTED OTHERWISE.
- C-7 CONSTRUCTION JOINTS SHALL BE LOCATED AS SHOWN ON THE DRAWINGS. CONSTRUCTION JOINTS NOT SHOWN SHALL BE SUBMITTED BY THE CONTRACTOR FOR THE APPROVAL OF THE ENGINEER PRIOR TO SUBMITTING REBAR SHOP DRAWINGS. VERTICAL CONSTRUCTION JOINTS IN WALLS AND HORIZONTAL JOINTS IN SLABS SHALL BE PROVIDED AT A SPACING NOT GREATER THAN 45 FEET ON CENTER. FOR EXPOSED WALLS WITH FLUID OR EARTH ON THE OPPOSITE SIDE, THE SPACING BETWEEN VERTICAL AND HORIZONTAL JOINTS SHALL BE A MAXIMUM OF 25 FEET.
- C-8 WHERE HORIZONTAL CONSTRUCTION JOINTS, LOCATED ABOVE THE FOUNDATION SLAB, EXTEND BEYOND WHERE NEEDED, THEY SHALL BE TERMINATED AT A VERTICAL CONSTRUCTION JOINT APPROVED BY THE ENGINEER.
- C-9 ALL JOINTS WHICH ARE IN MEMBERS IN CONTACT WITH LIQUID OR BELOW GRADE SHALL HAVE A WATERSTOP. CONSTRUCTION JOINTS SHALL HAVE A 6" PVC RIBBED WATERSTOP. EXPANSION JOINTS SHALL HAVE A 9" PVC CENTER RULB RIBBED WATERSTOP. IN VERTICAL JOINTS, WATERSTOPS SHALL TERMINATE NO LESS THAN 18" ABOVE THE MAXIMUM WATER SURFACE OR 18" ABOVE GRADE, WHICHEVER IS HIGHER.
- C-10 ALL EXPOSED CORNERS SHALL HAVE A 3/4" CHAMFER OR A 1/2" RADIUS TOOLED CORNER.
- C-11 EQUIPMENT SUPPORTS, ANCHORAGES, OPENINGS, RECESSES AND REVEALS NOT SHOWN ON THE STRUCTURAL DRAWINGS BUT REQUIRED BY OTHER CONTRACT DOCUMENTS, SHALL BE PROVIDED FOR PRIOR TO PLACING CONCRETE.
- C-12 REINFORCING BARS AND ACCESSORIES SHALL NOT BE IN CONTACT WITH ANY METAL PIPE, PIPE FLANGE, METAL CONDUIT, OR OTHER METAL PARTS EMBEDDED IN CONCRETE. A MINIMUM CLEARANCE OF 2" SHALL BE PROVIDED.
- C-13 DOWELS, ANCHOR BOLTS, PIPES, WATERSTOPS AND OTHER EMBEDDED ITEMS SHALL BE HELD SECURELY IN POSITION WHILE CONCRETE IS BEING PLACED.
- C-14 CONDUITS AND OTHER SIMILAR ITEMS EMBEDDED IN OR PENETRATING THROUGH CONCRETE SHALL BE SPACED ON CENTER NOT LESS THAN 3 TIMES THEIR OUTSIDE DIMENSION, BUT NOT LESS THAN 2 1/2" CLEAR. WHEN SUCH ITEMS ARE EMBEDDED IN WALLS OR SLABS, THEY SHALL NOT OCCUPY MORE THAN 1/3 OF THE MEMBER THICKNESS.
- C-15 AT ALL TYPICAL CURBS, EQUIPMENT PADS, AND PIPE SUPPORT PIERS, REINFORCING DOWELS SHOWN MAY BE REPLACED WITH MATCHING DOWELS SET IN EPOXY IN DRILLED HOLES AS SPECIFIED. DOWELS LOCATED CLOSER THAN 3" FROM ANY EDGE OF CONCRETE SHALL NOT BE REPLACED WITH DRILLED DOWELS.
- C-16 DRILLED ADHESIVE DOWELS (WHERE DOWELS ARE SHOWN TO BE PLACED INTO HARDENED CONCRETE):
A. THE HOLE DIAMETER SHALL BE NO LARGER THAN 1/8" GREATER THAN THE DIAMETER OF THE REINFORCING BAR AT THE DEFORMATIONS.
B. THE DEPTH OF EMBEDMENT SHALL BE 12 BAR DIAMETERS, UNLESS NOTED OTHERWISE.
C. ADJUST THE DOWEL LOCATIONS AS NEEDED TO AVOID DRILLING THROUGH ANY REINFORCING BARS. IF THE LOCATION NEEDS TO BE MODIFIED, CONTACT THE ENGINEER. CONTRACTOR SHALL USE NON-DESTRUCTIVE MEANS TO FIELD LOCATE REINFORCEMENT PRIOR TO DRILLING HOLES FOR DOWELS.
- C-17 CLEAR DISTANCE FROM ANCHOR BOLTS TO ANY CONCRETE EDGE SHALL BE 4" MINIMUM UNLESS NOTED OTHERWISE.
- C-18 CONCRETE COMPRESSIVE STRENGTH TESTS SHALL BE AVAILABLE ON THE JOB SITE FOR REVIEW BY THE ENGINEER.

MASONRY

- M-1 MASONRY MORTAR SHALL BE ASTM C 270 TYPE "S" AND MASONRY GROUT SHALL CONFORM TO REQUIREMENTS OF ASTM C 476.
- M-2 CONCRETE MASONRY UNIT NET AREA COMPRESSIVE STRENGTH SHALL BE 1900 PSI WHEN TESTED IN ACCORDANCE WITH ASTM C 140. COMPLETE TEST REPORTS SHALL BE SUBMITTED TO THE BUILDING INSPECTOR.
- M-3 MASONRY TRUSS TYPE REINFORCEMENT SHALL CONFORM TO ASTM A 951 AND REINFORCEMENT STEEL SHALL CONFORM TO REQUIREMENTS OF ASTM A 615 FOR GRADE 60 BILLET STEEL.
- M-4 MASONRY REINFORCEMENT BAR SPLICES SHALL BE CONTACT SPLICES. UNLESS NOTED OTHERWISE, LENGTH OF SPLICE FOR SINGLE BARS IN CENTER OF CELLS OF 8" OR LARGER CMU SHALL BE A MINIMUM OF 25 INCHES FOR #4 BARS AND 32 INCHES FOR #5 BARS. LENGTH OF SPLICE FOR OTHER CONDITIONS SHALL BE AS SHOWN ON THE DRAWINGS.
- M-5 BOND BEAM REINFORCEMENT SHALL BE PROVIDED WITH STD 90° HOOKS AT ALL WALL INTERSECTIONS. WHERE BOND BEAM REINFORCEMENT IS INTERRUPTED BY OPENINGS REINFORCEMENT SHALL BE PROVIDED WITH STD 180° HOOKS AT ENDS. SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
- M-6 DOWELS SHALL BE EITHER CAST INTO WALL OR INSTALLED WITH A DOWEL ADHESIVE SYSTEM. IF CAST, DOWELS SHALL BE EMBEDDED IN STEM WALL OR FOUNDATION SLAB A MINIMUM 9" AND SHALL HAVE A STD 90° HOOK. IF INSTALLED WITH A DOWEL ADHESIVE SYSTEM DOWELS SHALL BE STRAIGHT BARS EMBEDDED A MINIMUM OF 10" INTO STEM WALL. DOWEL ADHESIVE SHALL BE QUALIFIED FOR USE UNDER SEISMIC LOADING IN BOTH CRACKED AND UNCRACKED CONDITIONS FOR ALL SEISMIC DESIGN CATEGORIES IN ACCORDANCE WITH THE SPECIFICATIONS. INSTALLATION OF ALL DOWELS SHALL BE PER MANUFACTURER'S RECOMMENDATIONS. AS A MINIMUM THE FOLLOWING INSTALLATION REQUIREMENTS SHALL BE MET:
A. HOLES SHOULD BE DRILLED WITH CARBIDE BIT UNLESS OTHERWISE RECOMMENDED BY THE MANUFACTURER.
B. ALL HOLES SHALL BE CLEANED USING COMPRESSED AIR AND A PROPERLY SIZED NYLON OR WIRE BRUSH.
C. ADHESIVE SHALL BE INJECTED USING A DISPENSER, STATIC MIXING NOZZLE AND A PISTON PLUG TO MINIMIZE THE FORMATION OF AIR POCKETS PROVIDED BY THE MANUFACTURER. IF DEPTH OF HOLE IS DEEPER THAN THE STATIC MIXING NOZZLE A PLASTIC EXTENSION TUBE SUPPLIED BY THE MANUFACTURER SHALL BE USED FOR PLACING ADHESIVE.

STRUCTURAL METALS




- M-1 DETAIL, FABRICATE, AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN, LATEST EDITION.
- M-2 STEEL MATERIAL:
A. STRUCTURAL HSS: ASTM A500, GRADE C (46/50 KSI) OR A1085 (50 KSI)
B. STRUCTURAL PIPE: ASTM A53, GRADE B (35 KSI)
C. PLATES, BARS AND ANGLES: ASTM A36 UNC (36 KSI)
D. STRUCTURAL W SHAPES: ASTM A992 (50 KSI)
E. STRUCTURAL S, M, C & MC SHAPES: ASTM A36 (36 KSI)
F. STRUCTURAL HP: ASTM A572 GRADE 50 (50 KSI)
G. RODS: ASTM F1554 GRADE 36 (36 KSI)
- M-3 PROVIDE MINIMUM 3/4" DIAMETER ASTM A325 HIGH STRENGTH BOLTS WITH SNUG TIGHTENED TYPE N CONNECTIONS FOR STRUCTURAL STEEL UNLESS NOTED OTHERWISE. HOLES FOR BOLTS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE.
- M-4 PROVIDE TYPICAL STEEL BEAM CONNECTIONS FOR A CAPACITY OF NOT LESS THAN THE TOTAL UNIFORM LOAD CAPACITY TABULATED IN THE AISC TABLES FOR ALLOWABLE LOADS OF BEAMS UNLESS NOTED OTHERWISE.
- M-5 DO NOT PAINT STEEL SURFACES WHICH ARE TO BE WELDED OR ARE TO BE ENCASED IN CONCRETE.
- M-6 ALL STAINLESS STEEL FABRICATIONS EXPOSED TO UNDERWATER SERVICE SHALL BE TYPE 316. ALL OTHER STAINLESS STEEL FABRICATIONS SHALL BE TYPE 304 UNLESS NOTED OTHERWISE.
- M-7 ALUMINUM SHALL BE ALLOY 6061-T6 UNLESS NOTED OTHERWISE.
- M-8 ALL BOLTS, ANCHOR BOLTS, AND CONCRETE ANCHORS CONNECTING ALUMINUM SHALL BE STAINLESS STEEL TYPE 316 FOR UNDERWATER APPLICATIONS AND TYPE 304 FOR ALL OTHER APPLICATIONS.
- M-9 DETAIL, FABRICATE, AND ERECT ALUMINUM IN ACCORDANCE WITH THE LATEST EDITION OF THE ALUMINUM ASSOCIATION ALUMINUM DESIGN MANUAL.
- M-10 ALUMINUM SHALL BE ISOLATED FROM CONTACT WITH CONCRETE AND DISSIMILAR METALS.
- M-11 ALL GROOVE AND BUTT WELDS SHALL BE FULL PENETRATION.
- M-12 FILLET WELD SIZES SHALL NOT BE LESS THAN THE MINIMUM SIZE REQUIRED BY AISC CODE FOR PLATE SIZES TO BE CONNECTED AND SHALL BE APPLIED TO THE ENTIRE JOINT CONTACT LENGTH, AND NOT LESS THAN 3/16".
- M-13 BOTTOM SURFACES OF BASE PLATES SHALL BE GROUTED TO ENSURE FULL BEARING CONTACT WITH CONCRETE SLAB.
- M-14 WHENEVER ONE MEMBER IS FASTENED TO ANOTHER WITH FASTENINGS (BOLTS, WELDS, ETC.) SET AT A UNIFORM SPACING, THERE SHALL BE A MINIMUM OF TWO FASTENINGS PER PIECE CONNECTED AND THE FIRST AND LAST FASTENINGS SHALL BE LOCATED NOT TO EXCEED 0.25 OF FASTENER SPACING FROM EACH END.
- M-15 BOLTED CONNECTIONS FOR STRUCTURAL STEEL SHALL BE ASSEMBLED AND INSPECTED IN ACCORDANCE WITH RCSC (SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR ASTM A490 BOLTS).
- M-16 STRUCTURAL WELDED JOINTS SHALL CONFORM TO THE PROVISIONS OF AWS D1.1, STRUCTURAL WELDING CODE BY AMERICAN WELDING SOCIETY. PROOF OF WELDER CERTIFICATION SHALL BE AVAILABLE AT THE JOB SITE DURING TIMES OF INSPECTION.

DEMOLITION

- D-1 FOR DEMOLITION REQUIREMENTS, REFER TO SPECIFICATION 02222 - DEMOLITION AND REMOVAL.
- D-2 CONCRETE DEMOLITION WITHIN STRUCTURES BEING MODIFIED SHALL BE SELECTIVE DEMOLITION BY CORE DRILLING OR SAWCUTTING AND CAREFUL REMOVAL OF CONCRETE SHOWN TO BE REMOVED. NO OVER CUTTING OF AREAS TO BE DEMOLISHED SHALL BE PERMITTED. CONTRACTOR SHALL CORE DRILL CORNERS OF OPENING PRIOR TO SAWCUTTING. EXPLOSIVES AND VIBRATORY HAMMERS SHALL NOT BE USED FOR DEMOLITION WORK.
- D-3 UNLESS ANCHORING DEVICES AND/OR REINFORCEMENT IS NOTED TO REMAIN FOLLOWING DEMOLITION, REMOVE AND/OR BURN BACK ANCHORS AND REINFORCEMENT STEEL 1/2" MIN BELOW SURFACE AND VOIDS CREATED SHALL BE FILLED WITH EPOXY RESIN BINDER, SUCH AS "SIKADUR 52" BY SIKAP CORPORATION, "DURALCRETE LV" BY EUCLID CHEMICAL COMPANY, OR EQUAL.
- D-4 EMBEDDED CONDUIT ENCOUNTERED DURING DEMOLITION WORK LIMITS SHALL BE PERMANENTLY REROUTED AS NECESSARY. CONTRACTOR SHALL SUBMIT PROPOSED MEANS OF REROUTING ANY INTERFERING CONDUIT.
- D-5 WHERE DRAWINGS INDICATE A CONCRETE EQUIPMENT PAD TO BE DEMOLISHED, THE FLOOR SLAB SURFACE SHALL BE REPAIRED AS APPROVED BY ENGINEER, FOLLOWING SELECT DEMOLITION AND REMOVAL OF THE EQUIPMENT PAD REMOVAL THE REPAIR SHALL BE:
A. SAWCUT THE FLOOR AROUND THE EQUIPMENT PAD PERIMETER TO A DEPTH OF 1/4".
B. SCARIFY AND REMOVE SLAB CONCRETE WITHIN THE PERIMETER TO A NOMINAL 1/4" DEPTH CLEAN AND REMOVE ALL CONCRETE LIFTANCE.
C. RESURFACE THE AREA BY APPLYING A POLYMER MODIFIED OR SILICA FUME ENHANCED CEMENTITIOUS REPAIR MORTAR, APPROVED BY THE ENGINEER, FOLLOWING THE MANUFACTURER'S SURFACE PREPARATION AND APPLICATION RECOMMENDATIONS. LEVEL AND FINISH THE SURFACE TO MATCH THE FLOOR SLAB SURROUNDING AREA.
- D-6 PRIOR TO DEMOLITION OF SMALL OPENINGS (LESS THAN 6 INCHES IN SIZE) FOR PENETRATIONS, ETC., CONTRACTOR SHALL USE NON-DESTRUCTIVE MEANS TO FIELD LOCATE REINFORCEMENT. OPENINGS SHALL BE LOCATED TO AVOID CUTTING THROUGH EXISTING REINFORCEMENT, IF POSSIBLE. EXISTING REINFORCEMENT SHALL NOT BE CUT WITHOUT APPROVAL OF ENGINEER.
- D-7 CONCRETE SURFACES LEFT EXPOSED FOLLOWING DEMOLITION SHALL BE SEALED WITH EPOXY RESIN COATING SUCH AS "SIKAGARD" BY SIKAP CORPORATION, "DURACOTE 240" BY TAMMS INDUSTRIES, OR APPROVED EQUAL.
- D-8 DETAILED CONSTRUCTION AND DEMOLITION PLAN SHALL BE SUBMITTED TO THE ENGINEER AND APPROVED BY THE ENGINEER AND OWNER PRIOR TO BEGINNING CONSTRUCTION. ANY SHUTDOWNS SHALL BE SUBMITTED TO, COORDINATED WITH, AND APPROVED BY THE OWNER. ONCE APPROVED, CONTRACTOR SHALL PROVIDE A MINIMUM OF THREE (3) WEEKS NOTICE TO OWNER PRIOR TO SHUTDOWN.

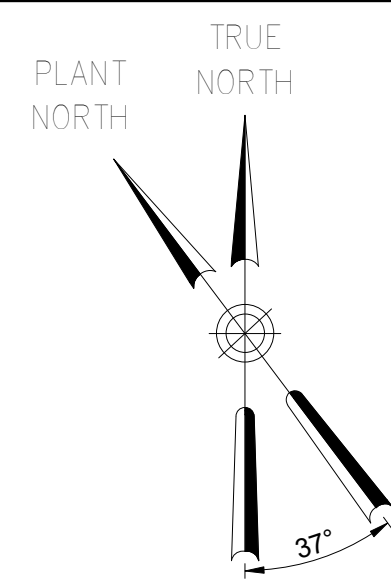
DELEGATED STRUCTURAL DESIGN ITEMS

- DSD-1 THE FOLLOWING ITEMS SHALL BE SUBMITTED AS DELEGATED STRUCTURAL DESIGNS DURING CONSTRUCTION, IN ACCORDANCE WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS
A. EXCAVATION SUPPORT SYSTEMS
B. METAL STAIRS AND PLATFORMS
C. ACCESS DOORS AND HATCHES
D. HANDRAILS
E. PIPE SUPPORTS
F. EQUIPMENT ANCHORAGE
G. CHECKERED PLATE AND GRATING
- DSD-2 DRAWINGS AND CALCULATIONS FOR EACH ITEM SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK.

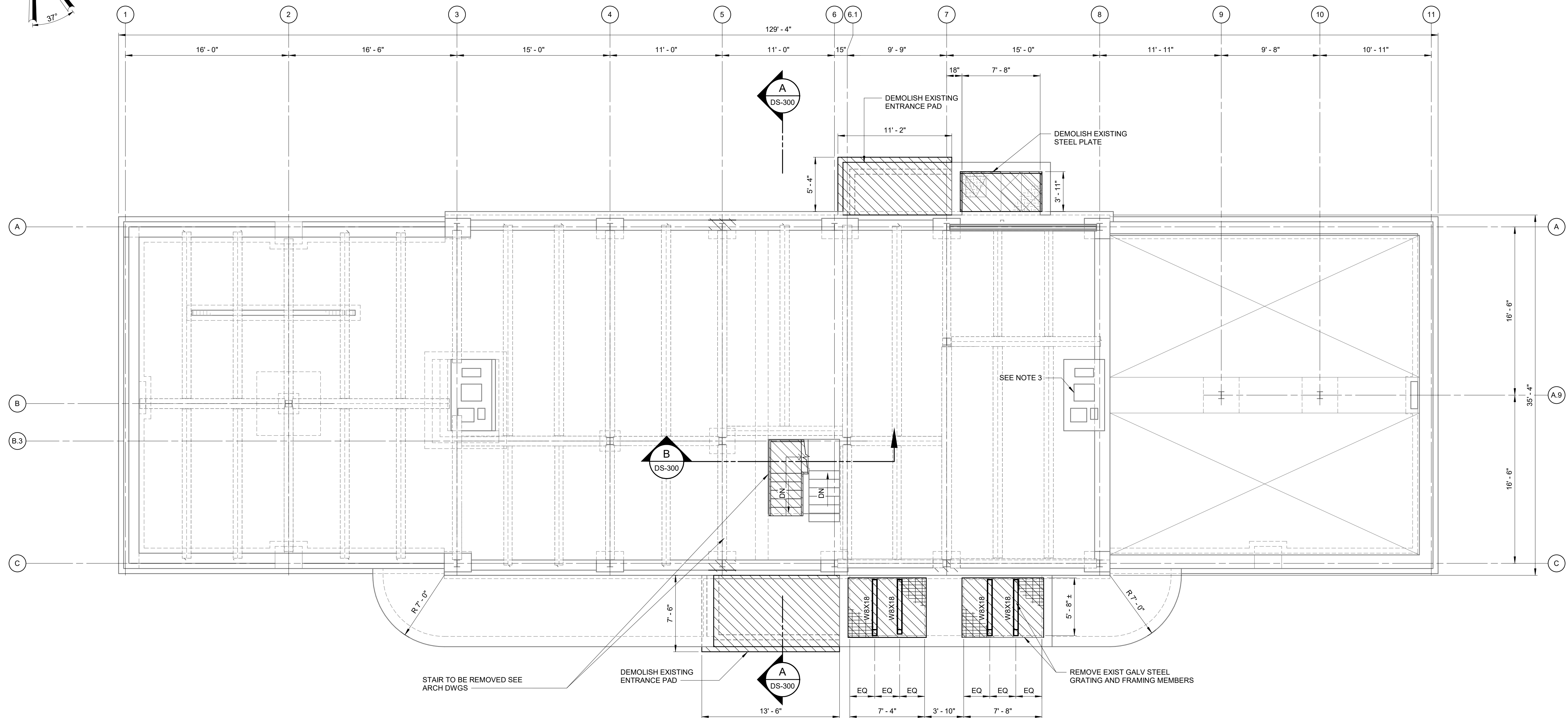
			DESIGNED BY: S. MANZO		DRAWN BY: S. ROESER		 	ACCOUNTABLE MANAGER JOSE NIEVES PORTFOLIO MANAGER MARK DELBALZO, P.E.	*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2.*	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dcp	REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 STRUCTURAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS	DATE: MAY 2023 SCALE: SHEET NO: 46 OF No. 121 DRAWING NO. GS-001
			CHECKED BY: C. PHILLIPS		DESIGN LEAD: E. BARBOE, P.E.							
					NO. DATE REVISIONS/DESCRIPTION APPR'D							

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- NOTES:
- SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - MASONRY WALLS NOT SHOWN FOR CLARITY. SEE ARCHITECTURAL DRAWINGS FOR MASONRY WALLS TO BE DEMOLISHED.
 - HVAC CONTRACT CHIMNEY FLUE LATERAL BRACING SUPPORTS. PROVIDE 1-20"x20" ACCESS POINTS 24" ABOVE FINISHED FLOOR IN CONCRETE CHIMNEY WALL TO INSTALL FLUE BRACING. REPAIR HOLE IN CONCRETE AS INDICATED IN STRUCTURAL TYPICAL DETAILS. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY DEMOLITION WORK.



FIRST FLOOR DEMOLITION PLAN
3/16" = 1'-0"

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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CHECKED BY: C. PHILLIPS	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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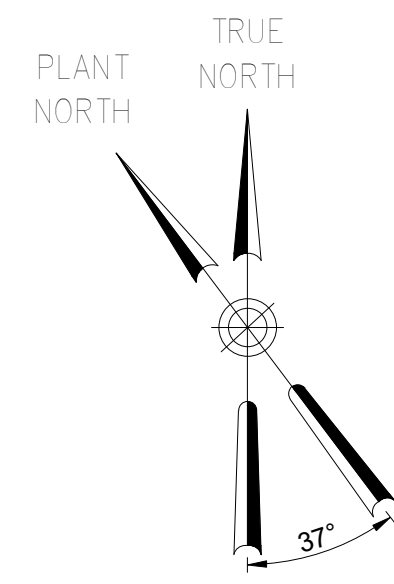
REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

STRUCTURAL
FIRST FLOOR DEMOLITION PLAN

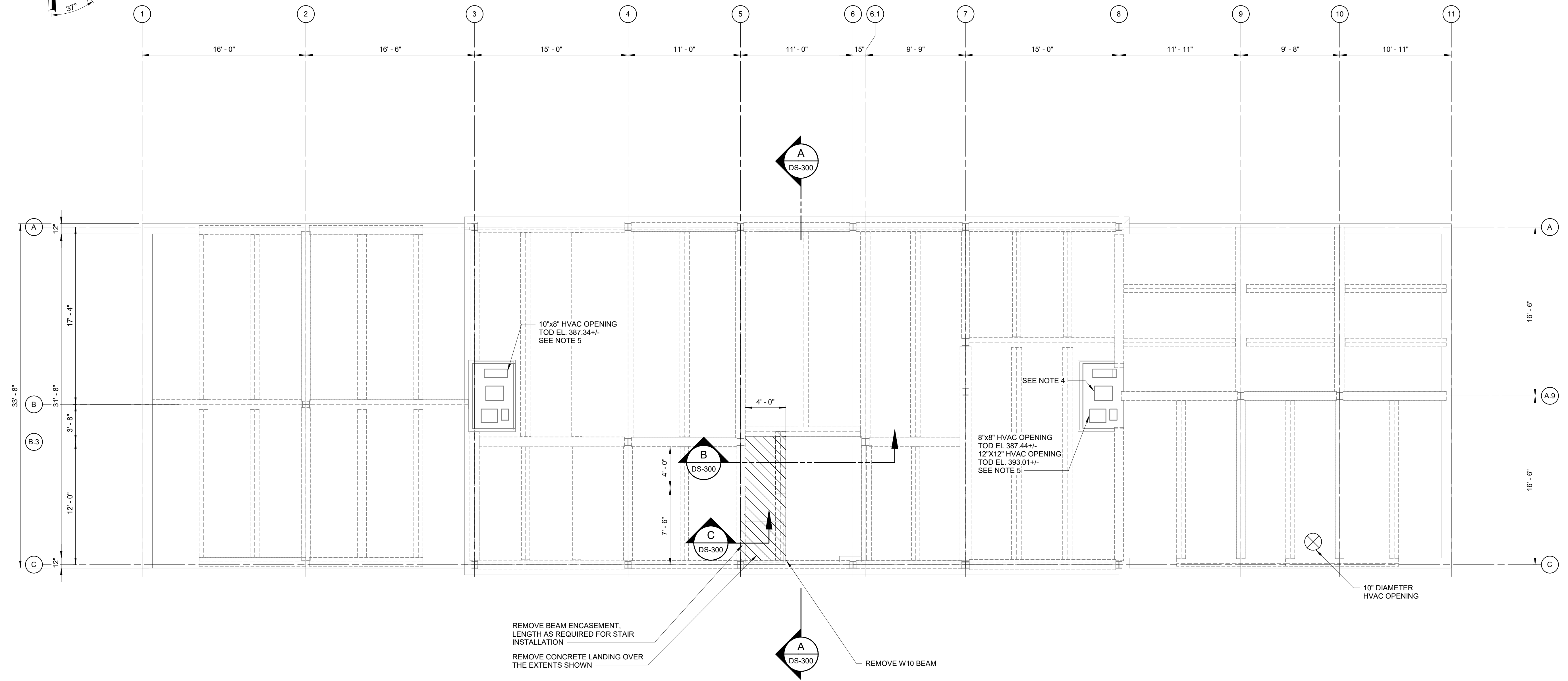
DATE: MAY 2023
SCALE:
SHEET NO: 47 OF No. 121
DRAWING NO. DS-100

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- NOTES:
- MASONRY WALLS NOT SHOWN FOR CLARITY, FOR LOCATIONS OF MASONRY WALLS SEE ARCHITECTURAL DRAWINGS.
 - SEE ARCHITECTURAL DRAWINGS FOR DEMOLITION OF INTERIOR WALLS AND STAIRS.
 - COORDINATE NEW ROOF OPENINGS WITH HVAC CONTRACTS.
 - HVAC CONTRACT CHIMNEY FLUE LATERAL BRACING SUPPORTS: PROVIDE 1-20"x20" ACCESS POINTS 24" ABOVE FINISHED FLOOR IN CONCRETE CHIMNEY WALL TO INSTALL FLUE BRACING. REPAIR HOLE IN CONCRETE AS INDICATED IN STRUCTURAL TYPICAL DETAILS. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY DEMOLITION WORK.
 - HVAC CONTRACT NEW DUCT PENETRATION IN CONCRETE CHIMNEY: SAW CUT EXTENTS OF DEMOLITION FOR HVAC OPENING. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY DEMOLITION WORK.

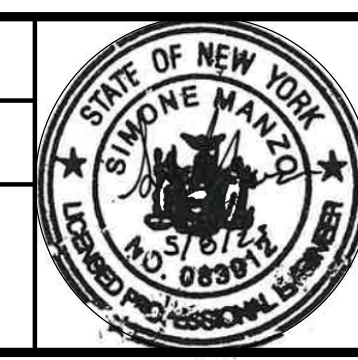


SECOND FLOOR DEMOLITION PLAN
3/16" = 1'-0"

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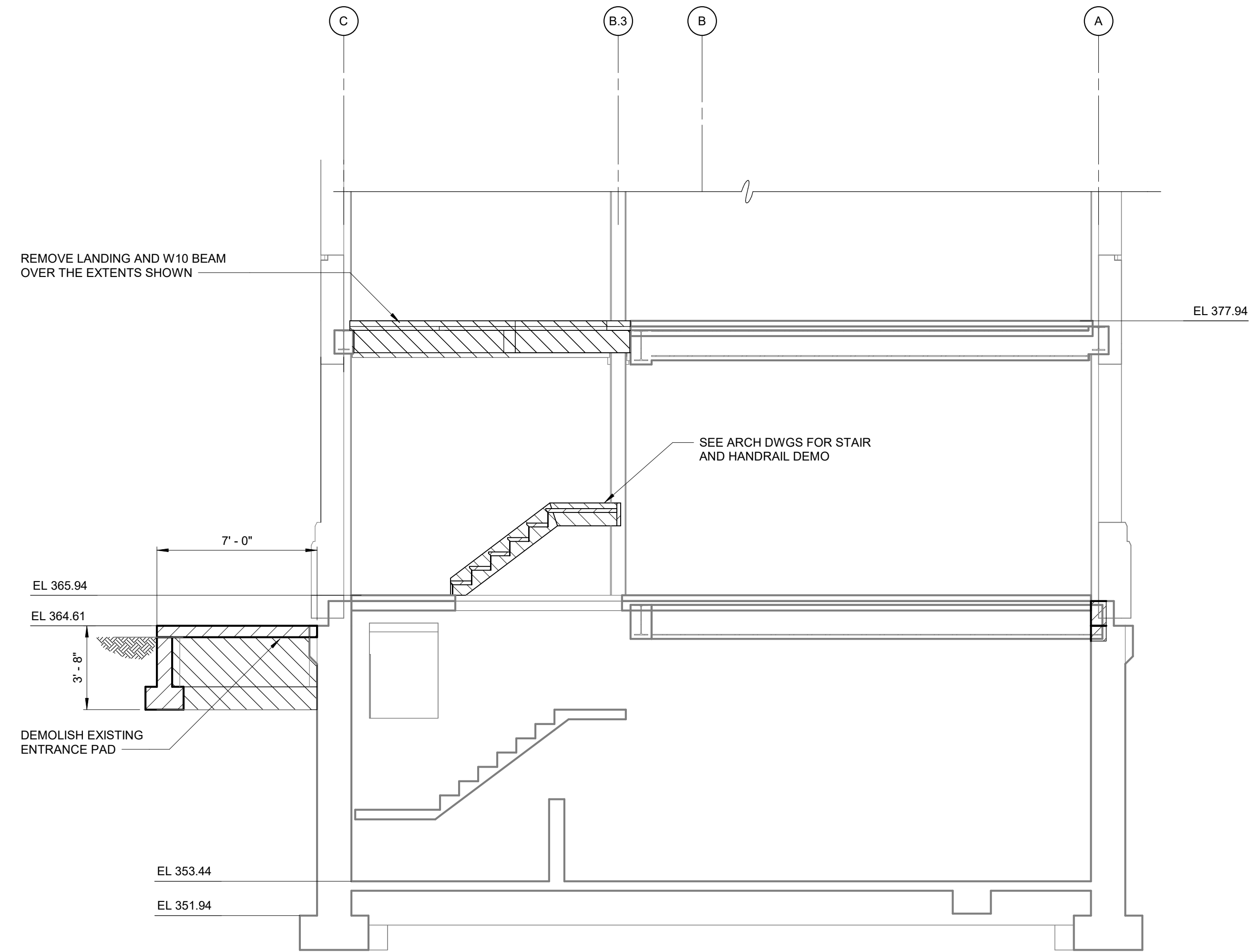
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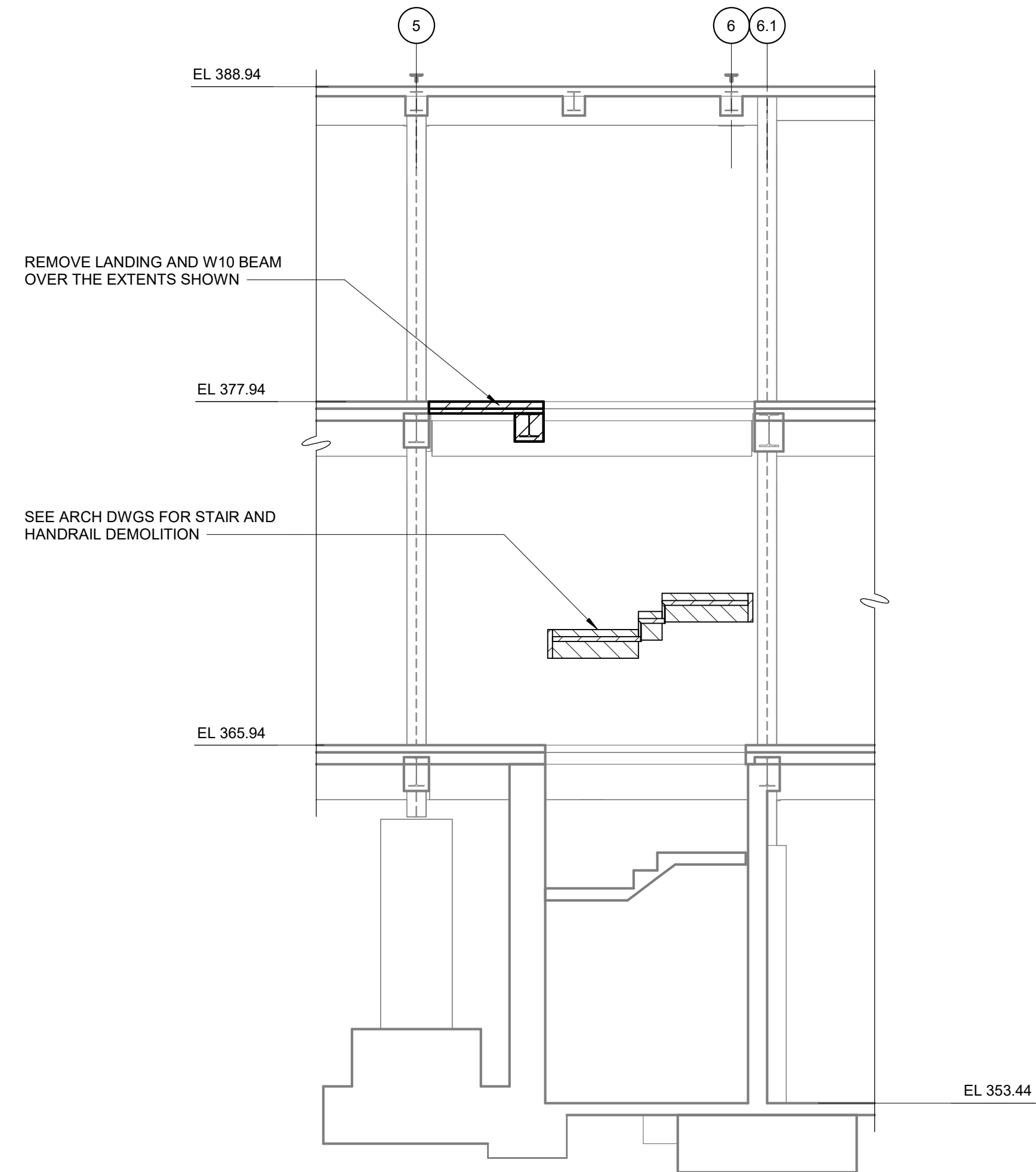
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 48 OF No. 121 DRAWING NO. DS-101
STRUCTURAL SECOND FLOOR DEMOLITION PLAN	

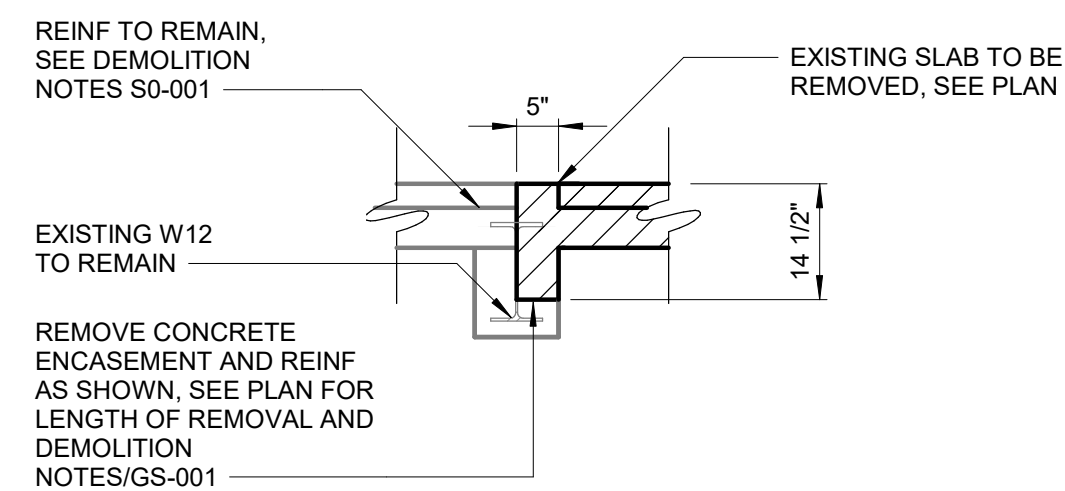
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SECTION A
1/4" = 1'-0" DS-100



SECTION B
1/4" = 1'-0" DS-100



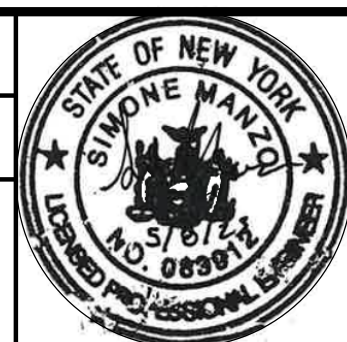
SECTION C
1/2" = 1'-0" DS-101

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C. PHILLIPS

DRAWN BY:
S. ROESER
DESIGN LEAD:
E. BARBOE, P.E.



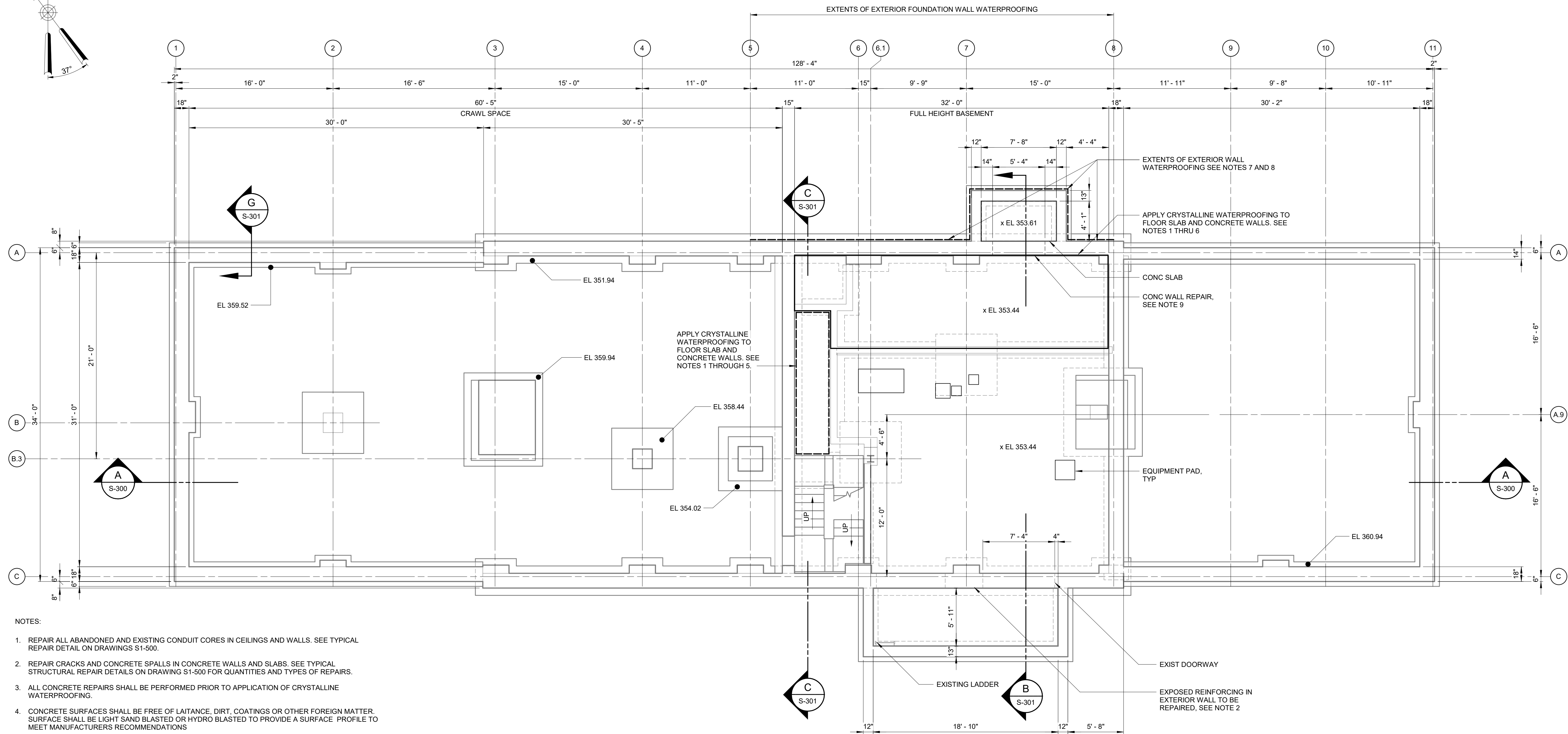
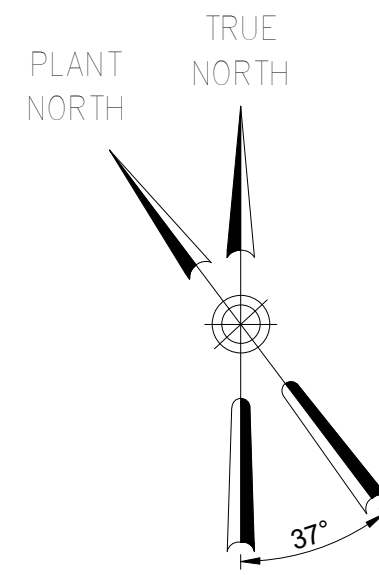
ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624
STRUCTURAL
DEMOLITION SECTIONS

DATE: MAY 2023
SCALE:
SHEET NO:
49 OF No. 121
DRAWING NO.
DS-300




- NOTES:
- REPAIR ALL ABANDONED AND EXISTING CONDUIT CORES IN CEILINGS AND WALLS. SEE TYPICAL REPAIR DETAIL ON DRAWINGS S1-500.
 - REPAIR CRACKS AND CONCRETE SPALLS IN CONCRETE WALLS AND SLABS. SEE TYPICAL STRUCTURAL REPAIR DETAILS ON DRAWING S1-500 FOR QUANTITIES AND TYPES OF REPAIRS.
 - ALL CONCRETE REPAIRS SHALL BE PERFORMED PRIOR TO APPLICATION OF CRYSTALLINE WATERPROOFING.
 - CONCRETE SURFACES SHALL BE FREE OF LAITANCE, DIRT, COATINGS OR OTHER FOREIGN MATTER. SURFACE SHALL BE LIGHT SAND BLASTED OR HYDRO BLASTED TO PROVIDE A SURFACE PROFILE TO MEET MANUFACTURERS RECOMMENDATIONS.
 - APPLY 2 COATS OF XYPEX CONCENTRATE BY XYPEX INC. OR EQUAL, PER MANUFACTURERS RECOMMENDATIONS. CURE PER MANUFACTURERS RECOMMENDATIONS.
 - APPLY 2 COATS OF XYPEX MEGA MIX BY XYPEX INC. OR EQUAL CAP COAT PER MANUFACTURERS RECOMMENDATION. CURE PER MANUFACTURERS RECOMMENDATIONS.
 - SEE CIVIL AND ARCHITECTURAL DRAWINGS FOR EXTERIOR WALL DRAINAGE MODIFICATIONS.
 - UPON EXCAVATION OF EXISTING FOUNDATION WALL IN ACCORDANCE WITH THE PROJECT REQUIREMENTS. PREPARE EXISTING CONCRETE FOUNDATION WALLS SURFACES TO RECEIVE BENTONITE WATERPROOFING. SEAL ALL CRACKS PRIOR TO INSTALLATION OF BENTONITE WATERPROOFING IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS. INSTALL BENTONITE WATERPROOFING PANELS FOR FULL HEIGHT FROM BASE OF FOUNDATION WALL TO 6" BELOW FINISHED GRADE OF EXTERIOR CONCRETE FOUNDATION WALLS.
 - DEMOLISH EXISTING DOOR, DOOR FRAME, AND SADDLE.
 - COORDINATE EQUIPMENT PAD SIZE AND LOCATION WITH HVAC CONTRACTS.

FOUNDATION PLAN
3/16" = 1'-0"

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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 STRUCTURAL FOUNDATION PLAN	
DATE: MAY 2023	SHEET NO: 50 OF No. 121
DRAWING NO. S-100	

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S. MANZO
 CHECKED BY:
C. PHILLIPS


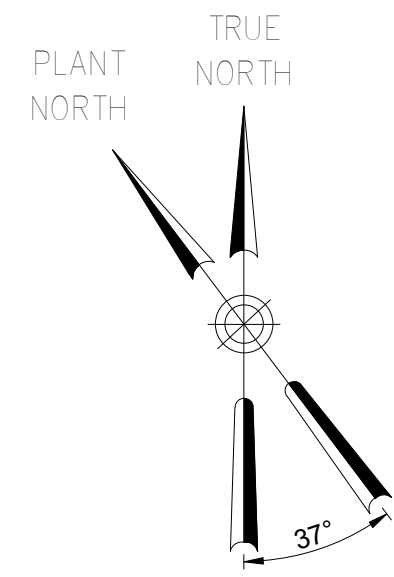




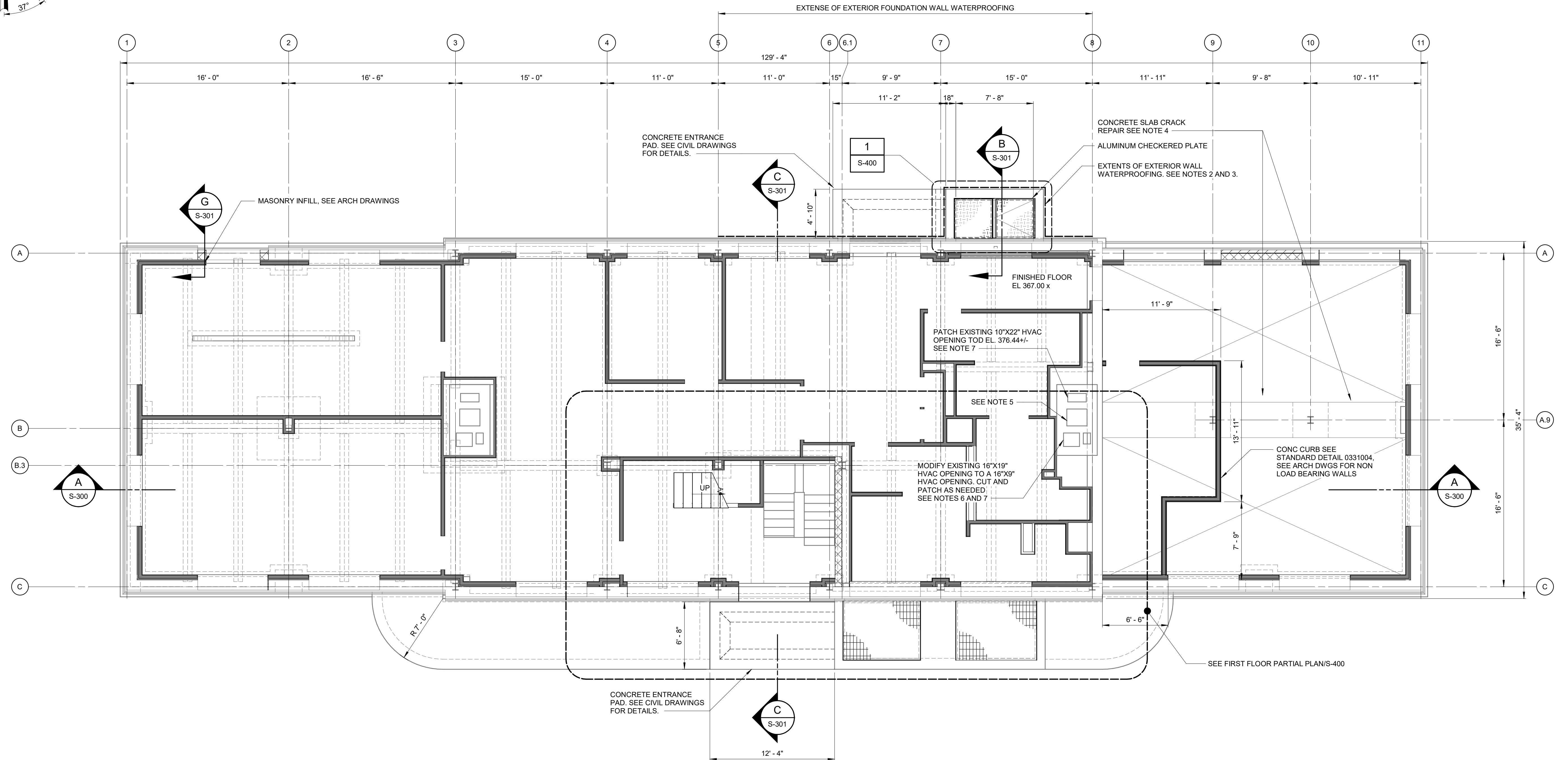
ACCOUNTABLE MANAGER
JOSE NIEVES
 PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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- NOTES:
- REPAIR ALL ABANDONED AND EXISTING CONDUIT CORES IN CEILINGS AND WALLS. SEE TYPICAL REPAIR DETAILS ON DRAWING S-501.
 - SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR EXTERIOR WALL DRAINAGE INFORMATION.
 - UPON EXCAVATION OF EXISTING FOUNDATION WALL IN ACCORDANCE WITH THE PROJECT REQUIREMENTS, PREPARE EXISTING CONCRETE FOUNDATION WALLS SURFACES TO RECEIVE BENTONITE WATERPROOFING. SEAL ALL CRACKS PRIOR TO INSTALLATION OF BENTONITE WATERPROOFING IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS. INSTALL BENTONITE WATERPROOFING PANELS FOR FULL HEIGHT FROM BASE OF FOUNDATION WALL TO 6" BELOW FINISHED GRADE OF EXTERIOR CONCRETE FOUNDATION WALLS.
 - REPAIR CRACKS AND CONCRETE SPALLS IN CONCRETE WALLS AND SLABS. SEE TYPICAL STRUCTURAL REPAIR DETAILS ON DRAWING S1-500 FOR QUANTITIES AND TYPES OF REPAIRS.
 - HVAC CONTRACT CHIMNEY FLUE LATERAL BRACING SUPPORTS: PROVIDE 20"x20" ACCESS POINTS 24" ABOVE FINISHED FLOOR IN CONCRETE CHIMNEY WALL TO INSTALL FLUE BRACING. REPAIR HOLE IN CONCRETE AS INDICATED IN STRUCTURAL TYPICAL DETAILS. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY DEMOLITION WORK.
 - HVAC CONTRACT NEW DUCT PENETRATION IN CONCRETE CHIMNEY: SAW CUT EXTENTS OF DEMOLITION FOR HVAC OPENING. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY DEMOLITION WORK.
 - HVAC CONTRACT EXIST DUCT PENETRATION PATCHING IN CONCRETE CHIMNEY: PATCH AND SEAL EXISTING HVAC OPENING INDICATED. REPAIR HOLE IN CONCRETE AS INDICATED IN STRUCTURAL TYPICAL DETAILS. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY WORK.



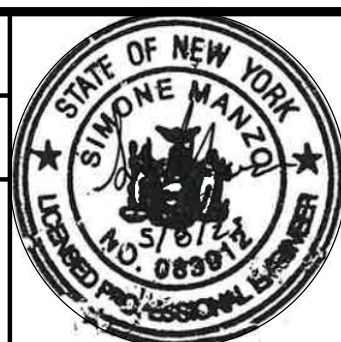
FIRST FLOOR OVERALL PLAN
3/16" = 1'-0"

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CHECKED BY:
C. PHILLIPS

DRAWN BY:
S. ROESER
DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

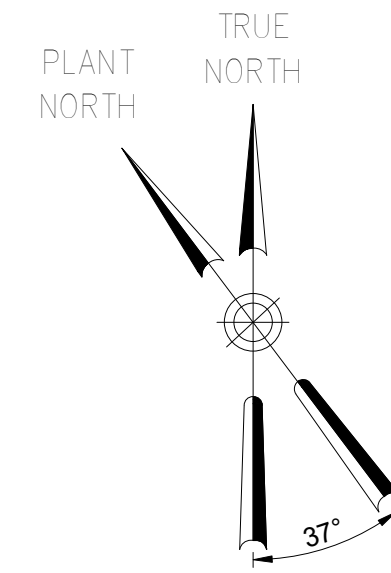
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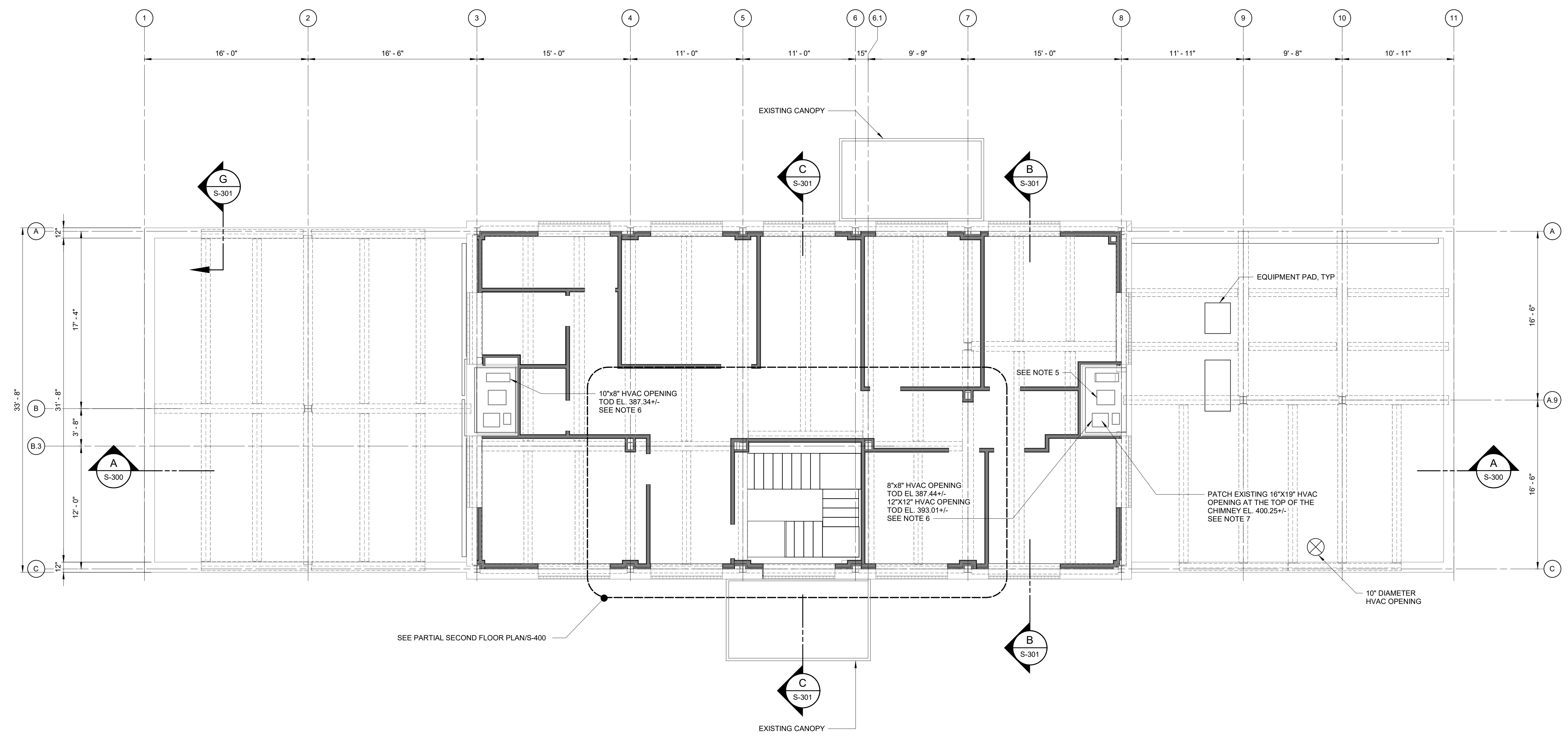
REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

STRUCTURAL
FIRST FLOOR OVERALL PLAN

DATE: MAY 2023
SCALE:
SHEET NO:
51 OF No. 121
DRAWING NO.
S-101



- NOTES:
1. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
 2. EXISTING CANOPY SHALL HAVE ALL SURFACE CORROSION REMOVED FROM STRUCTURAL STEEL MEMBERS BY ABRASION. CANOPY STRUCTURAL STEEL MEMBERS SHALL BE PRIMED AND REPAINTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
 3. COORDINATE EQUIPMENT PAD SIZE AND LOCATION WITH HVAC CONTRACTS.
 4. COORDINATE ROOFING REPAIR WITH ARCHITECTURAL DRAWINGS.
 5. HVAC CONTRACT CHIMNEY FLUE LATERAL BRACING SUPPORTS: PROVIDE 20"x20" ACCESS POINTS 24" ABOVE FINISHED FLOOR IN CONCRETE CHIMNEY WALL TO INSTALL FLUE BRACING. REPAIR HOLE IN CONCRETE AS INDICATED IN STRUCTURAL TYPICAL DETAILS. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY DEMOLITION WORK.
 6. HVAC CONTRACT NEW DUCT PENETRATION IN CONCRETE CHIMNEY: SAW CUT EXTENTS OF DEMOLITION FOR HVAC OPENING. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY DEMOLITION WORK.
 7. HVAC CONTRACT EXIST DUCT PENETRATION PATCHING IN CONCRETE CHIMNEY: PATCH AND SEAL EXISTING HVAC OPENING INDICATED. REPAIR HOLE IN CONCRETE AS INDICATED IN STRUCTURAL TYPICAL DETAILS. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY WORK

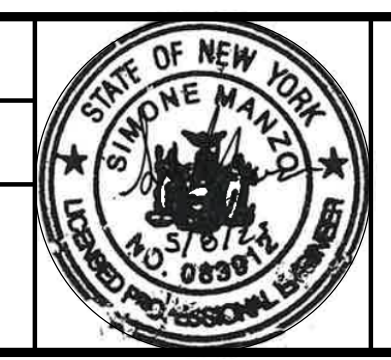


SECOND FLOOR OVERALL PLAN
3/16" = 1'-0"

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: S. MANZO	DRAWN BY: S. ROESER
CHECKED BY: C. PHILLIPS	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

STRUCTURAL
SECOND FLOOR OVERALL PLAN

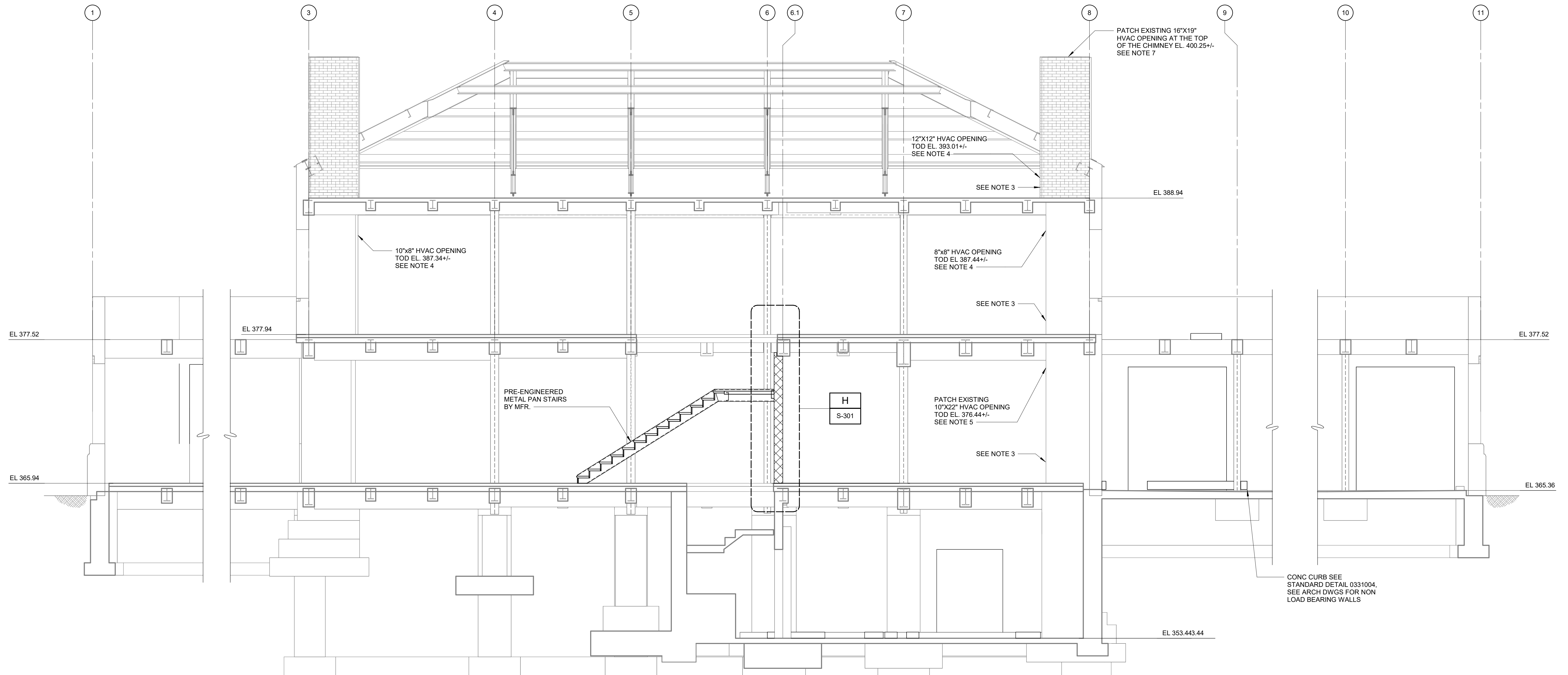
DATE: MAY 2023
SCALE:
SHEET NO: 52 OF No. 121
DRAWING NO. S-102

Autodesk Docs/060900_03A_CAT-423 WIO-03A Reason of Kensico Lab/060900-03A_S_KLB.rvt 5/10/2023 11:28:45 AM

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.

NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. HANDRAIL NOT SHOWN FOR CLARITY, SEE ARCHITECTURAL DRAWINGS.
3. HVAC CONTRACT CHIMNEY FLUE LATERAL BRACING SUPPORTS: PROVIDE 1-20"x20" ACCESS POINTS 24" ABOVE FINISHED FLOOR IN CONCRETE CHIMNEY WALL TO INSTALL FLUE BRACING. REPAIR HOLE IN CONCRETE AS INDICATED IN STRUCTURAL TYPICAL DETAILS. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY DEMOLITION WORK.
4. HVAC CONTRACT NEW DUCT PENETRATION IN CONCRETE CHIMNEY: SAW CUT EXTENTS OF DEMOLITION FOR HVAC OPENING. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY DEMOLITION WORK.
5. HVAC CONTRACT EXIST DUCT PENETRATION PATCHING IN CONCRETE CHIMNEY: PATCH AND SEAL EXISTING HVAC OPENING INDICATED. REPAIR HOLE IN CONCRETE AS INDICATED IN STRUCTURAL TYPICAL DETAILS. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND ENGINEER PRIOR TO ANY WORK

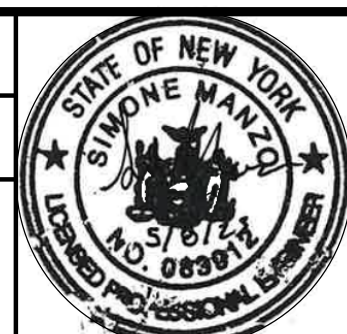


SECTION A
1/4" = 1'-0" S-100

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	
STRUCTURAL SECTIONS	
DATE: MAY 2023	SHEET NO: 53 OF No. 121
DRAWING NO. S-300	

DESIGNED BY: S. MANZO	DRAWN BY: S. ROESER		
CHECKED BY: C. PHILLIPS	DESIGN LEAD: E. BARBOE, P.E.		
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

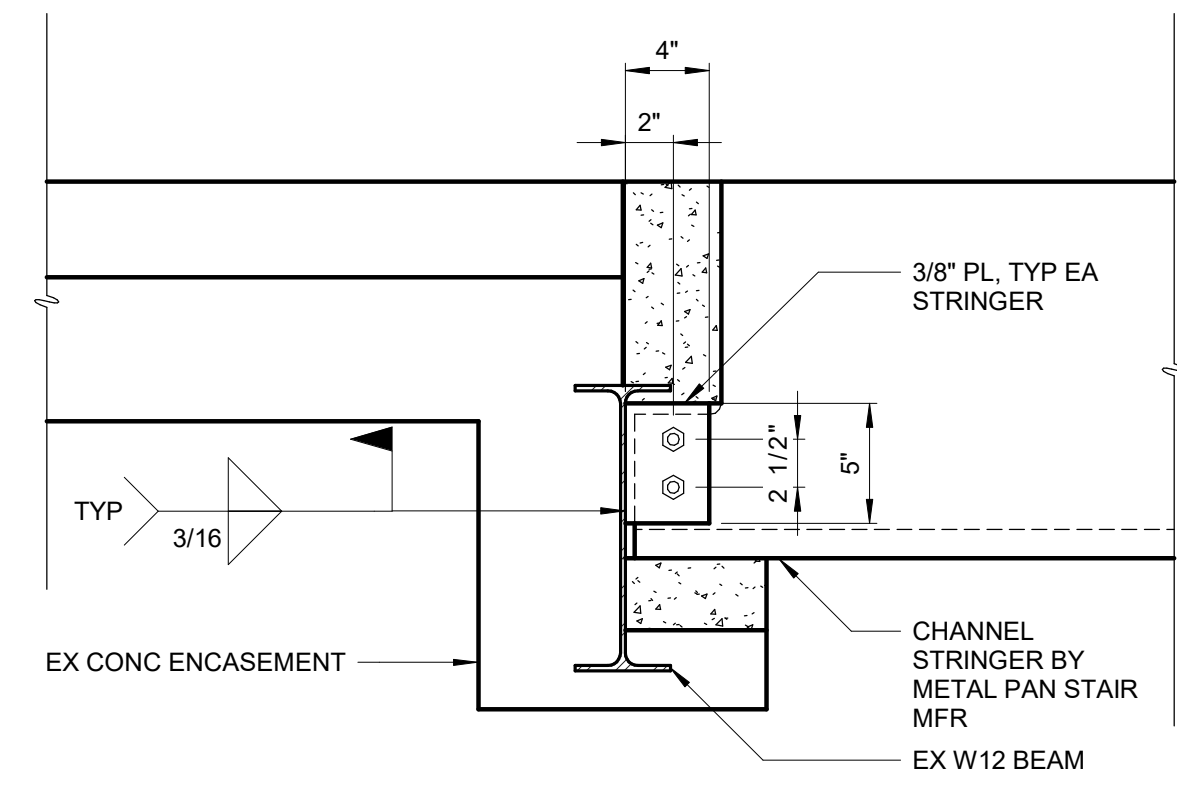
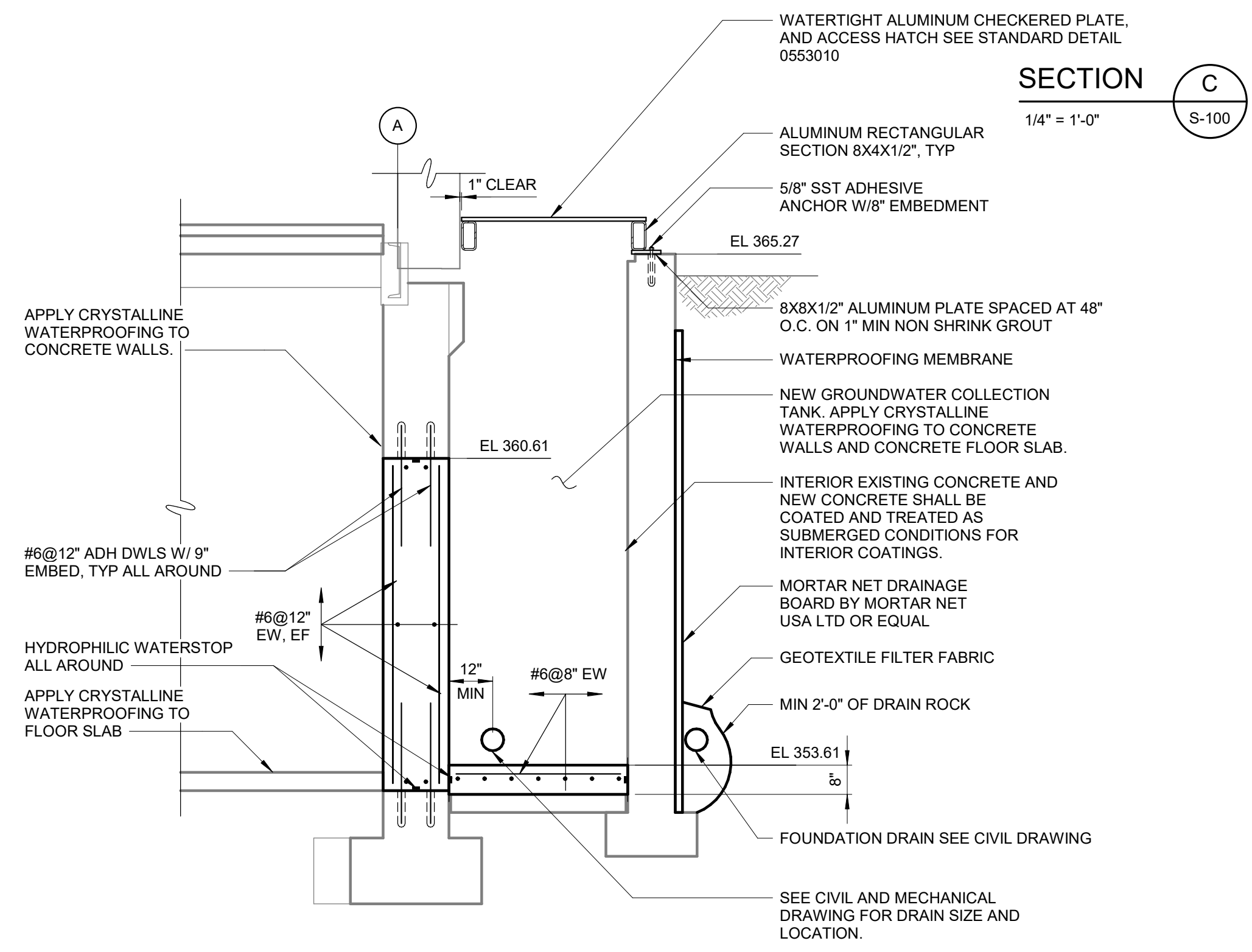
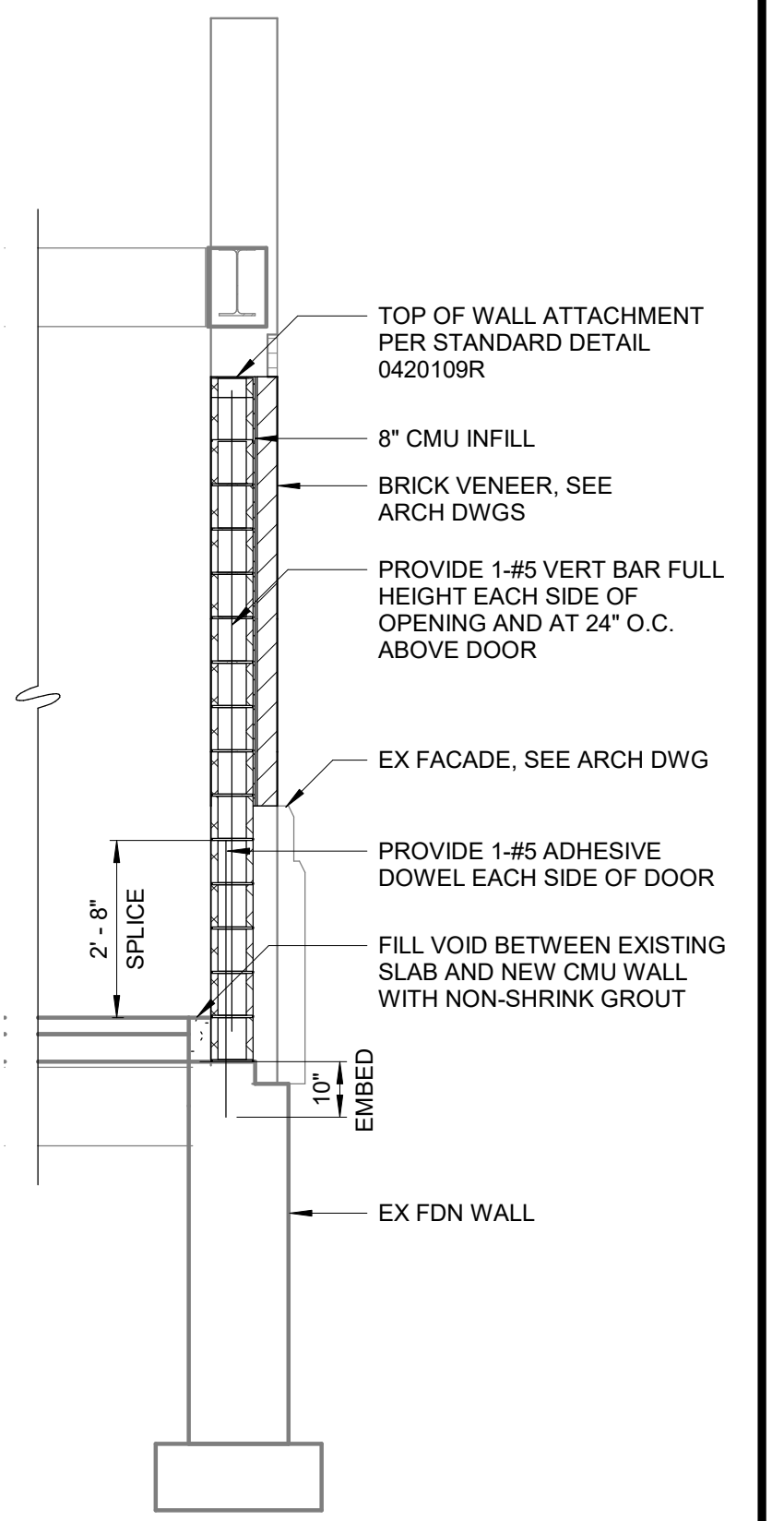
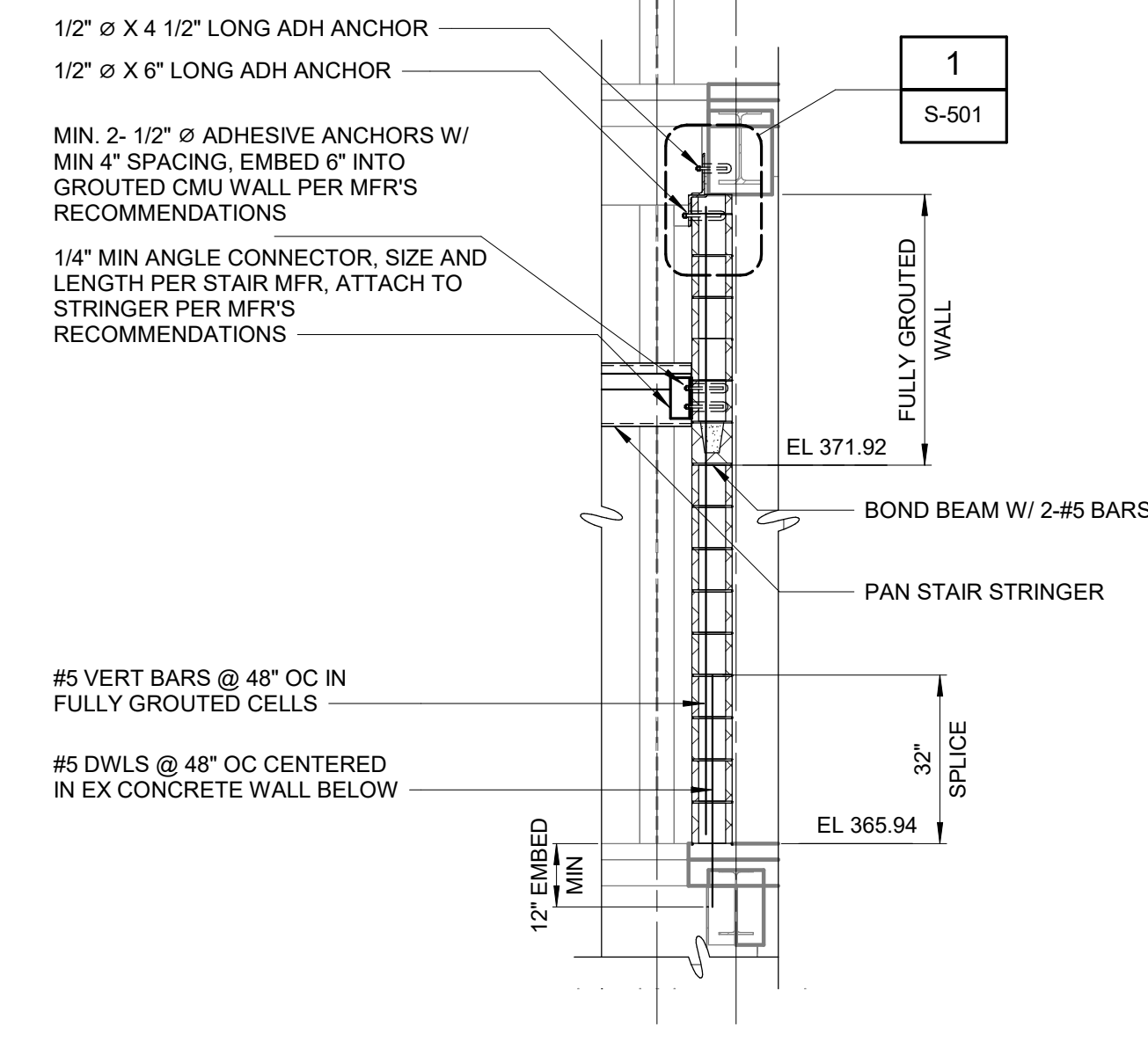
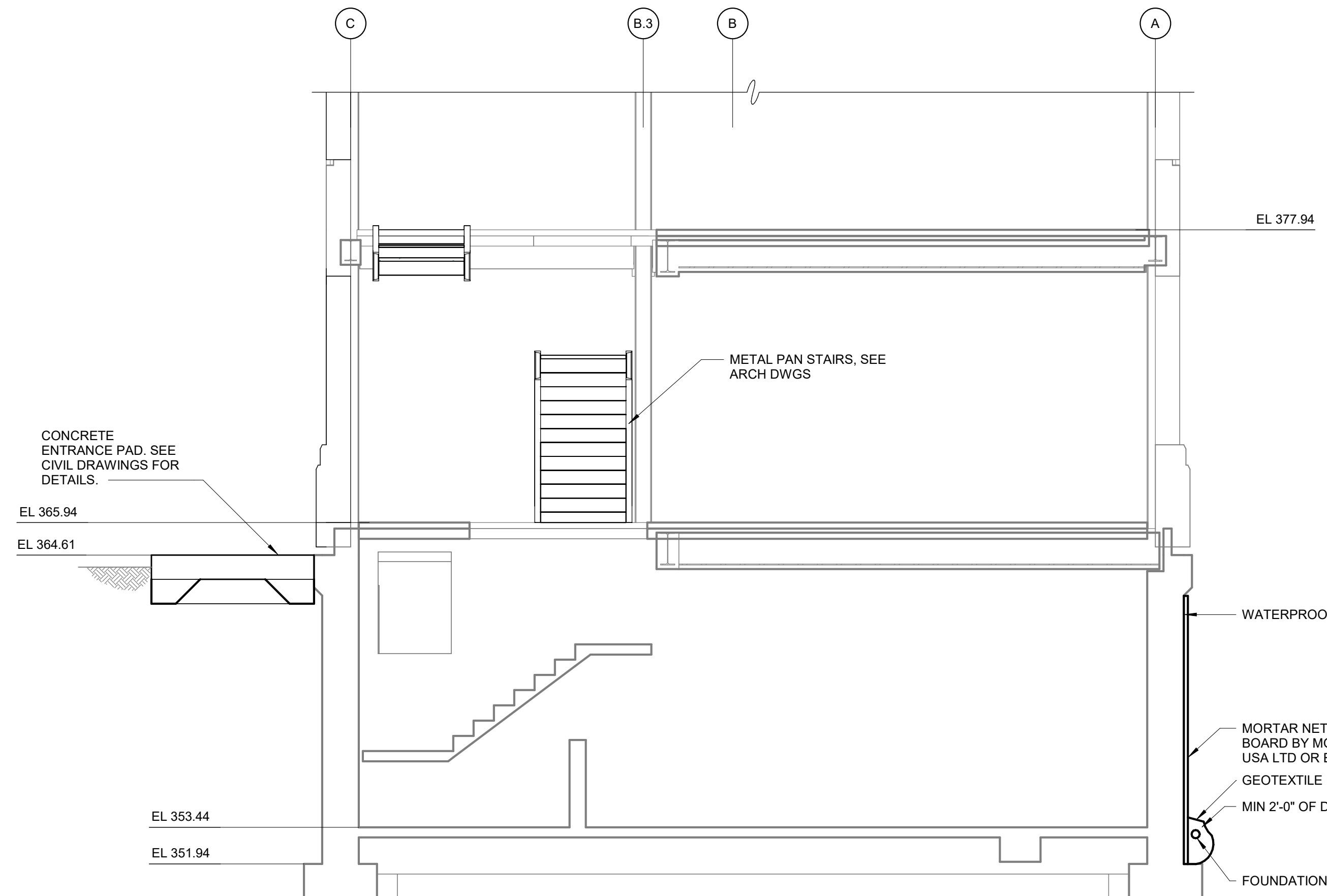
ACCOUNTABLE MANAGER JOSE NIEVES	PORTFOLIO MANAGER MARK DELBALZO, P.E.
------------------------------------	--



ACCOUNTABLE MANAGER JOSE NIEVES	PORTFOLIO MANAGER MARK DELBALZO, P.E.
------------------------------------	--

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SECTION C
1/4" = 1'-0"
S-100

SECTION H
3/8" = 1'-0"
S-300

SECTION G
3/8" = 1'-0"
S-100

SECTION B
3/8" = 1'-0"
S-100

SECTION F
1 1/2" = 1'-0"
S-400

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: S. MANZO	DRAWN BY: S. ROESER
CHECKED BY: C. PHILLIPS	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

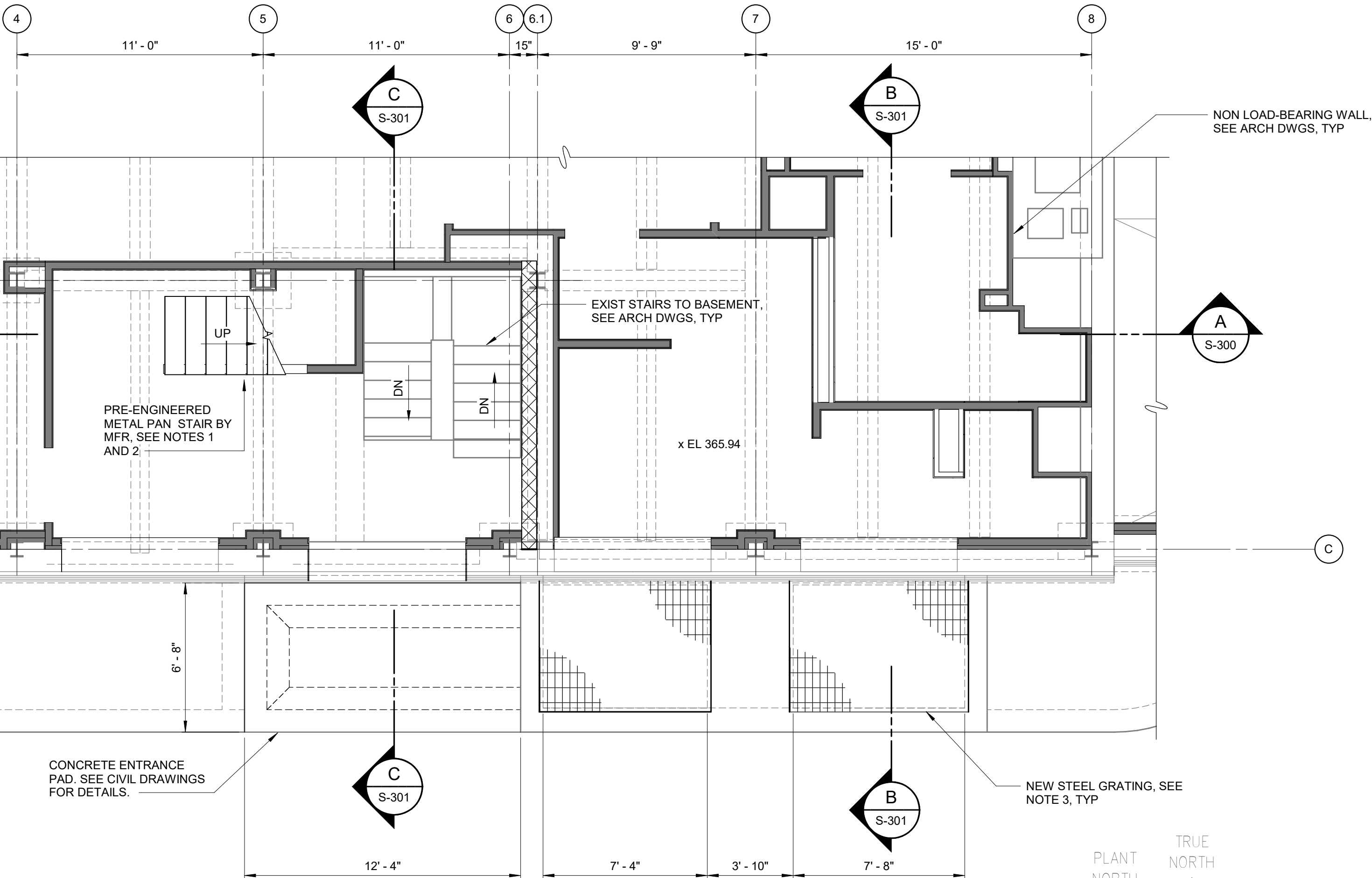
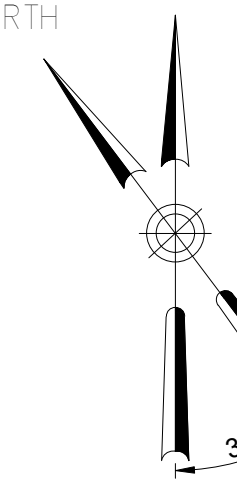
STRUCTURAL
SECTIONS

DATE: MAY 2023
SCALE:
SHEET NO: 54 OF No. 121
DRAWING NO. S-301

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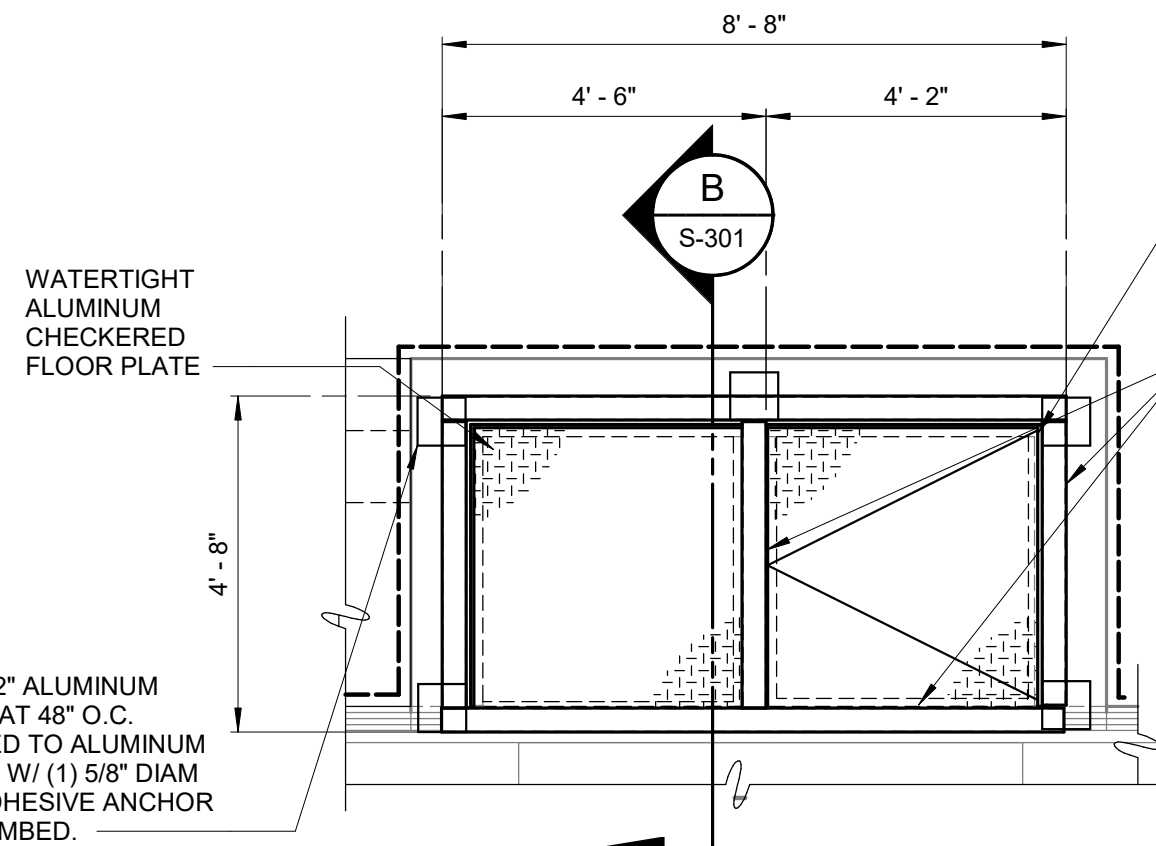
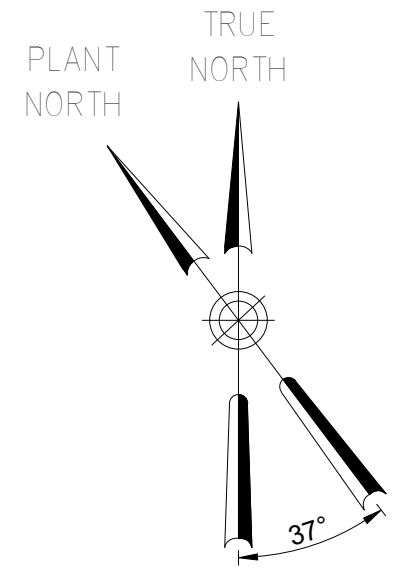
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PLANT NORTH
TRUE NORTH



FIRST FLOOR PARTIAL PLAN

1/4" = 1'-0"



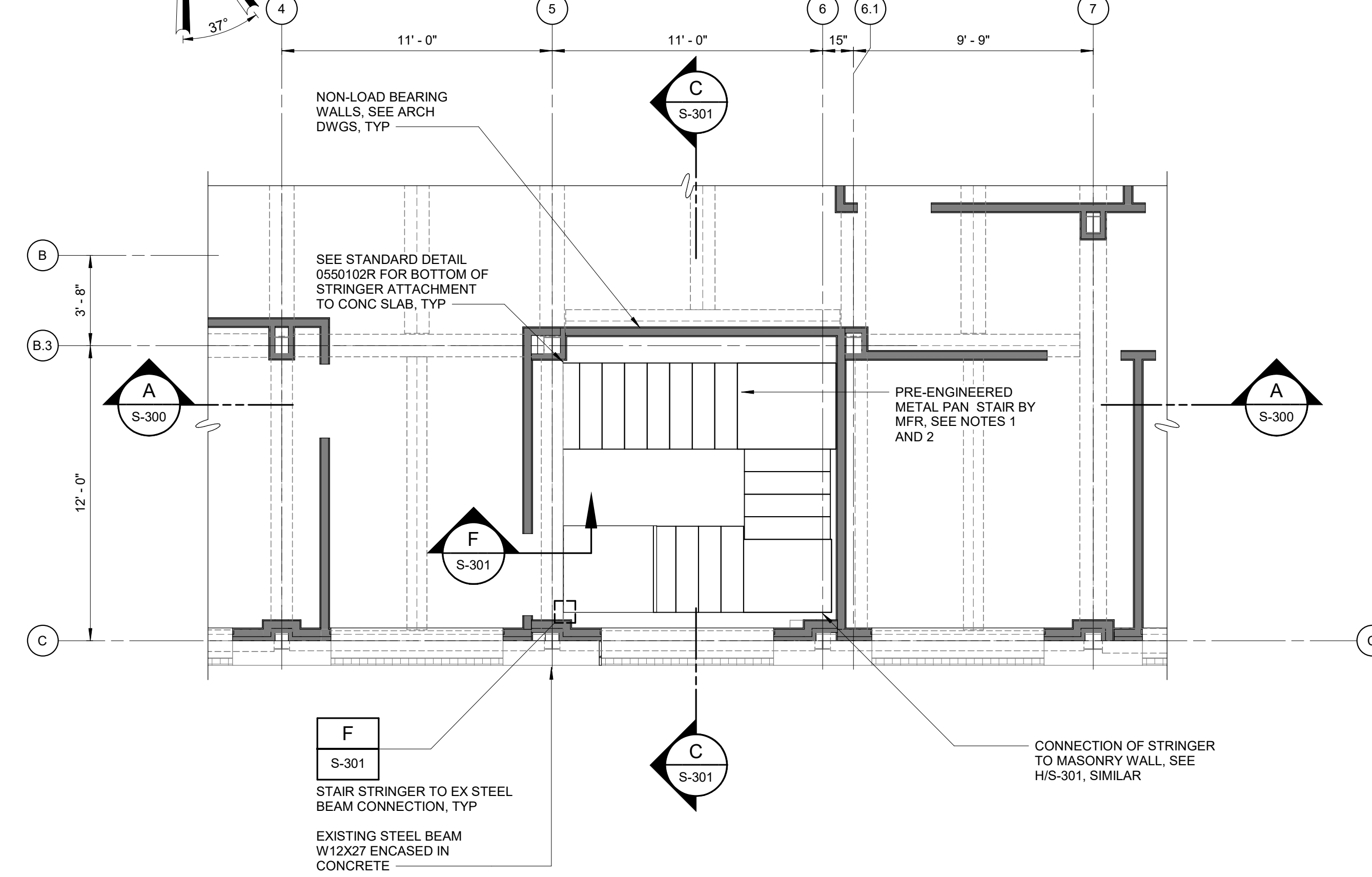
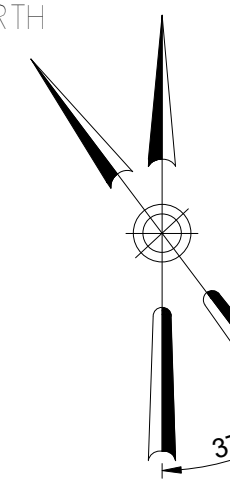
GROUND WATER COLLECTION TANK PARTIAL PLAN

3/8" = 1'-0"

NOTES:

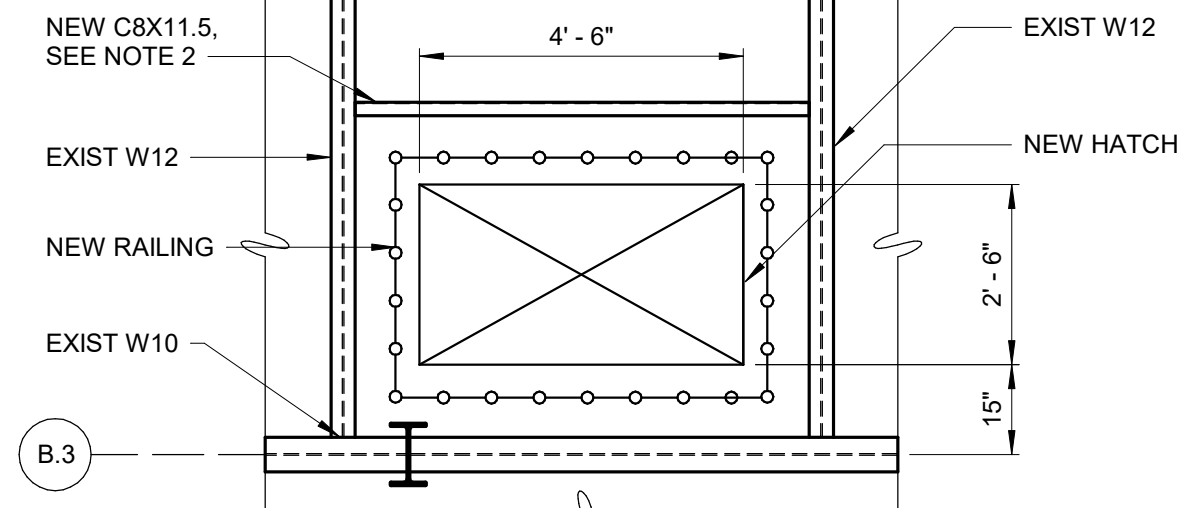
1. PACK UNDERSIDE OF ALUMINUM FRAME WITH 1" MIN NON SHRINK GROUT.
2. ALL ALUMINUM FRAME MEMBERS SHALL BE WELDED TO EACH OTHER AS ONE FRAME ELEMENT. ALL WELDS SHALL BE FULL PENETRATION GROVE WELDS.
3. PROVIDE ONE 1/4" DIAMETER WEEP HOLE AT THE UNDERSIDE OF EACH TUBE SECTION, AT EACH END TO ALLOW DRAINAGE.
4. DESIGN LIVE LOAD = 100 PSF

PLANT NORTH
TRUE NORTH



PARTIAL SECOND FLOOR PLAN

1/4" = 1'-0"



NOTES:

1. SEE ARCHITECTURAL DRAWING FOR EXISTING HATCH DEMOLITION. NEW RAILING, NEW HATCH SIZE AND TYPE.
2. C8X11.5 SHALL BE INSTALLED 1" UNDER EXISTING CONCRETE SLAB WITH 1" OF NON-SHRINK GROUT FILLING THE GAP BETWEEN. SEE STANDARD DETAIL 050103 FOR TYPICAL END CONNECTION.
3. STEEL BEAM CONCRETE ENCASEMENT NOT SHOWN FOR CLARITY.

ATTIC ACCESS HATCH PARTIAL PLAN

3/8" = 1'-0"

- NOTES:
1. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
 2. HANDRAIL NOT SHOWN FOR CLARITY, SEE ARCHITECTURAL DRAWINGS.
 3. PROPOSED GRATING SHALL BE A LIGHT DUTY GALVANIZED STEEL GRATING, TYPE 19-W-4 OR TYPE 19-SGCS-4, AS MANUFACTURED BY OHIO GRATING OR APPROVED EQUAL. BEARING BARS SHALL BE 1 3/4" x 3/16". FIELD VERIFY WITH DEPTH OF EXISTING GRATING AND EXISTING GRATING EMBEDMENT. PRIOR TO INSTALLATION OF NEW GRATING THE EXISTING GRATING EMBEDMENT SHALL BE CLEANED AND RECOATED WITH ZINC RICH PAINT AS INDICATED IN SPECIFICATION 05531.

Autodesk Docs/060900_03A_CAT-423 WIO-03A Reason of Merit/Lab/0200-03A_S_KLB.rvt 5/10/2023 10:57:03 AM

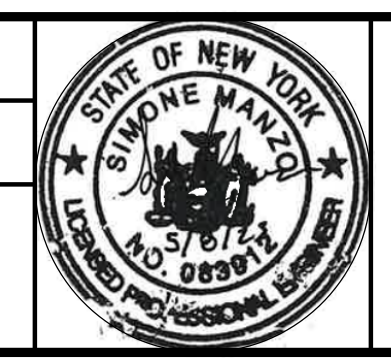
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
S. MANZO

CHECKED BY:
C. PHILLIPS

DRAWN BY:
S. ROESER

DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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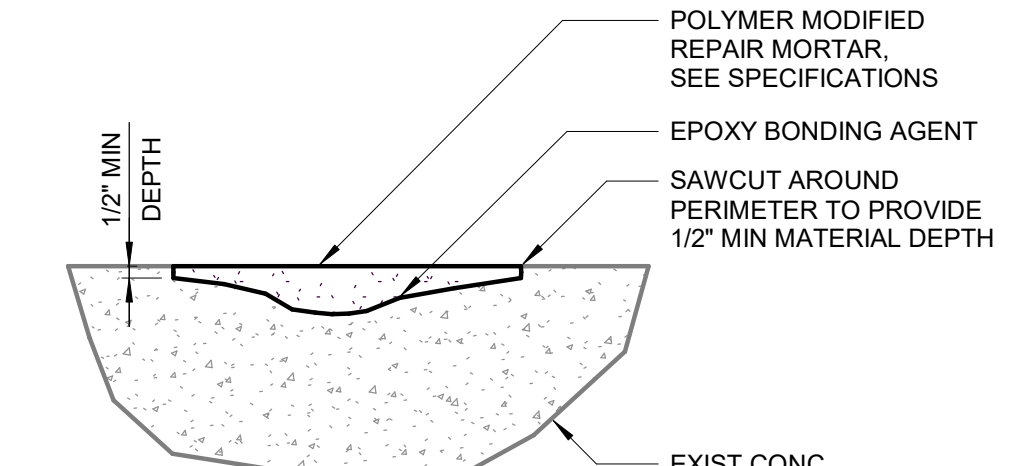
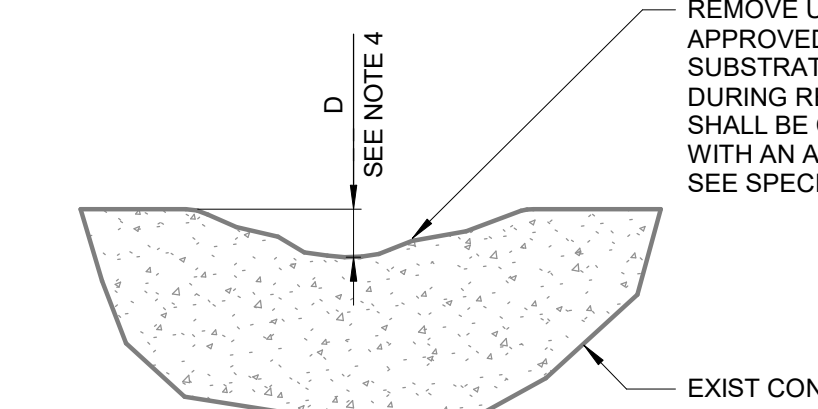
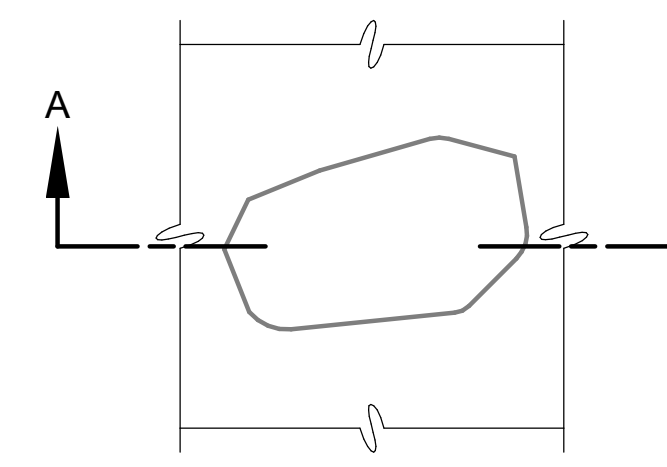
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 55 OF No. 121 DRAWING NO. S-400
STRUCTURAL ENLARGED PLANS	

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.

NOTES:

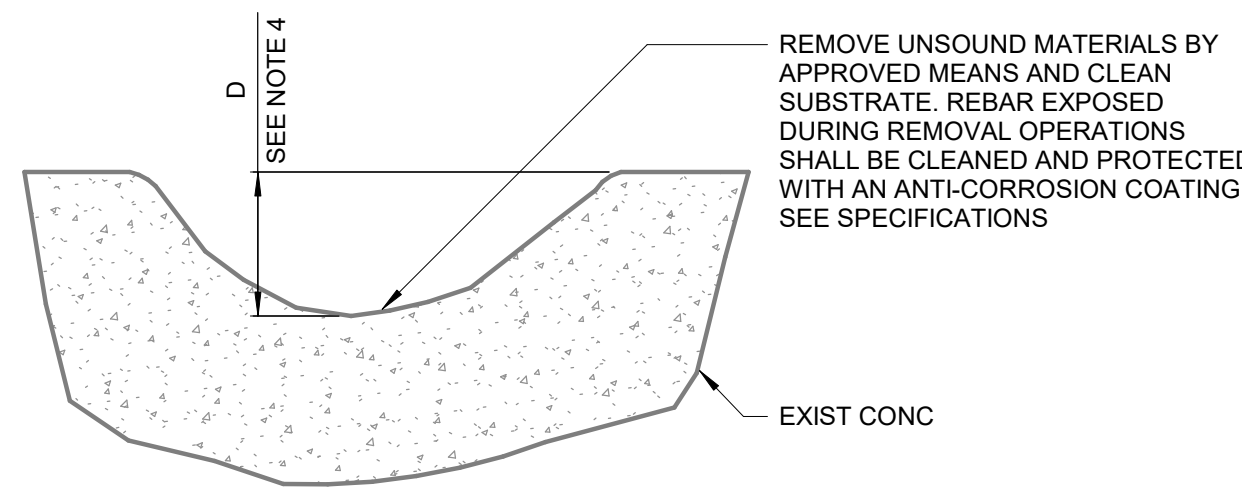
1. CONCRETE REPAIR WORK SHALL BE PERFORMED PER SPECIFICATION SECTION 03931 AND THE DETAILS ON THIS DRAWING.
2. FOR EXISTING STRUCTURES LISTED IN THE TABLE: THE CONTRACTOR, IN CONJUNCTION WITH THE ENGINEER, SHALL DETERMINE THE EXTENT OF CRACKED OR DETERIORATED CONCRETE TO BE REHABILITATED AND/OR RESURFACED. FOR EACH STRUCTURE A SUMMARY OF WORK SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF THE WORK.
3. SPALLED AND/OR DETERIORATED AREAS WHERE DEPTH "D" TO BE REPAIRED IS LESS THAN OR EQUAL TO 4" SHALL BE REPAIRED PER DETAIL 2. AREAS WHERE DEPTH "D" IS GREATER THAN 4" SHALL BE REPAIRED PER DETAIL 4.
4. FOR PAYMENT PURPOSES, THE WIDTH OF CONTRACTION OR CONSTRUCTION JOINT REPAIR SHALL BE LIMITED TO 4 INCHES MAXIMUM MEASURED EITHER WAY FROM THE CENTERLINE OF THE JOINT. DETERIORATED CONCRETE AT A JOINT WIDER THAN 4 INCHES SHALL BE PAID AS A SPALL REPAIR.
5. THE CONTRACT LUMP SUM BID PRICE SHALL INCLUDE ALL WORK RELATING TO CONCRETE REPAIRS AS INDICATED HEREIN AND SPECIFIED IN SPECIFICATION SECTION 03931 - CONCRETE REPAIRS. THE LISTED QUANTITIES BY WORK ITEM ARE ESTIMATES. THE BID PRICE SHALL INCLUDE A 25% INCREASE FOR EACH CONCRETE REPAIR WORK ITEM BASED ON ACTUAL IN-PLACE QUANTITIES. ANY QUANTITIES OF CONCRETE REPAIR WORK ITEMS EXCEEDING THE LISTED QUANTITIES PLUS 25% WILL BE NEGOTIATED AND PAID FOR BY CHANGE ORDER IN ACCORDANCE WITH THE SPECIFICATIONS AS EXTRA WORK.



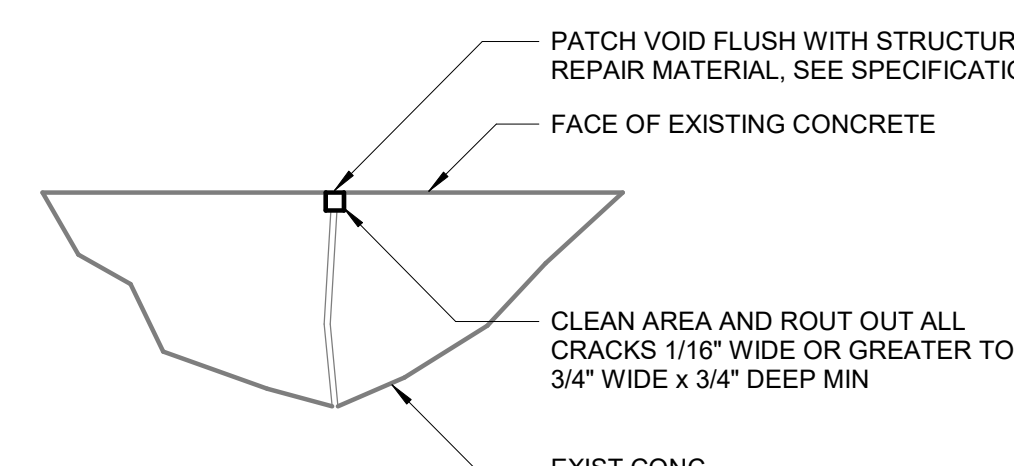
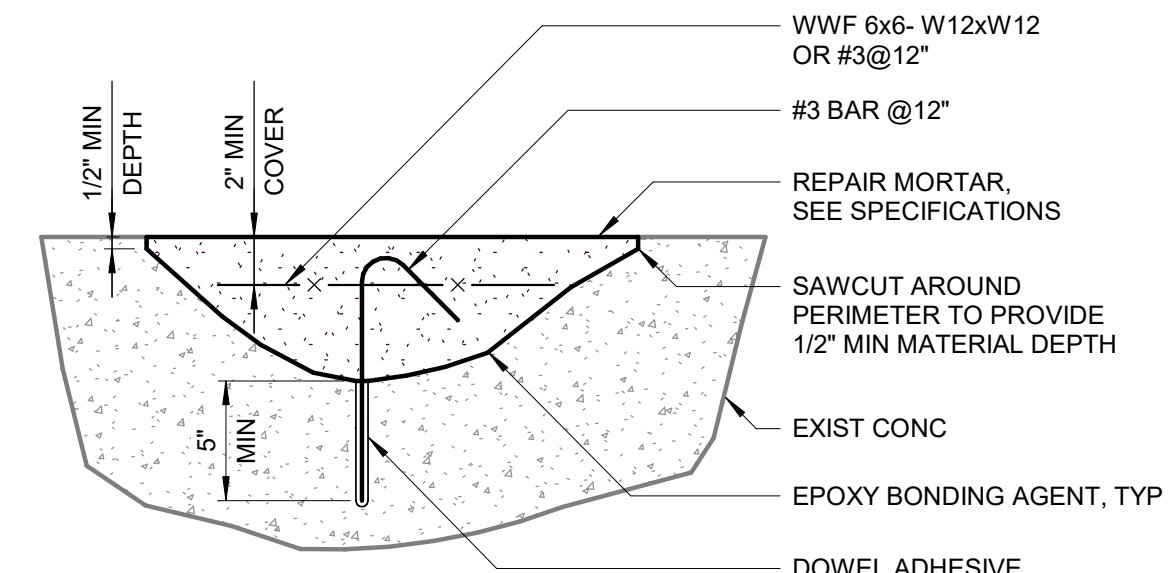
DEMOLITION SECTION A-A

NEW SECTION A-A

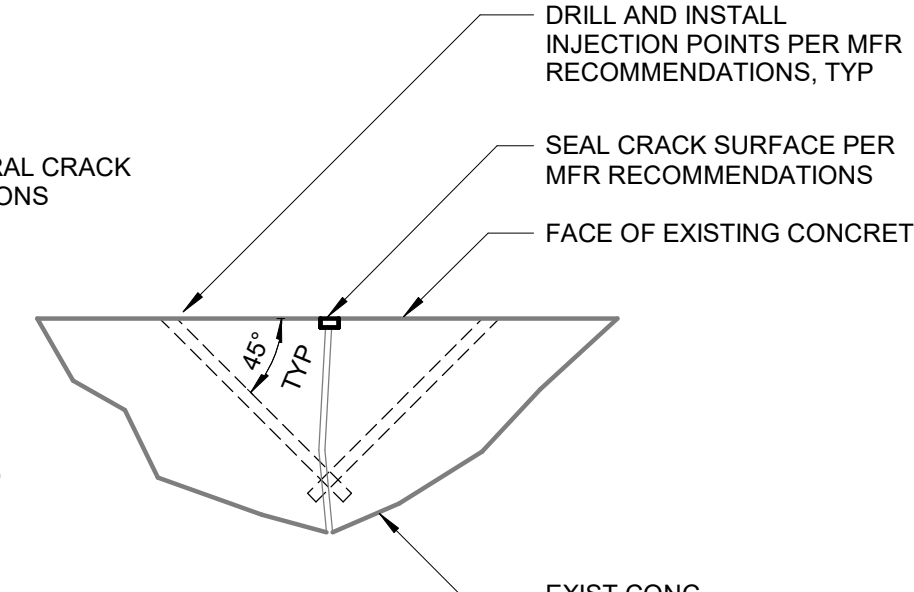
SURFACE SPALL REPAIR



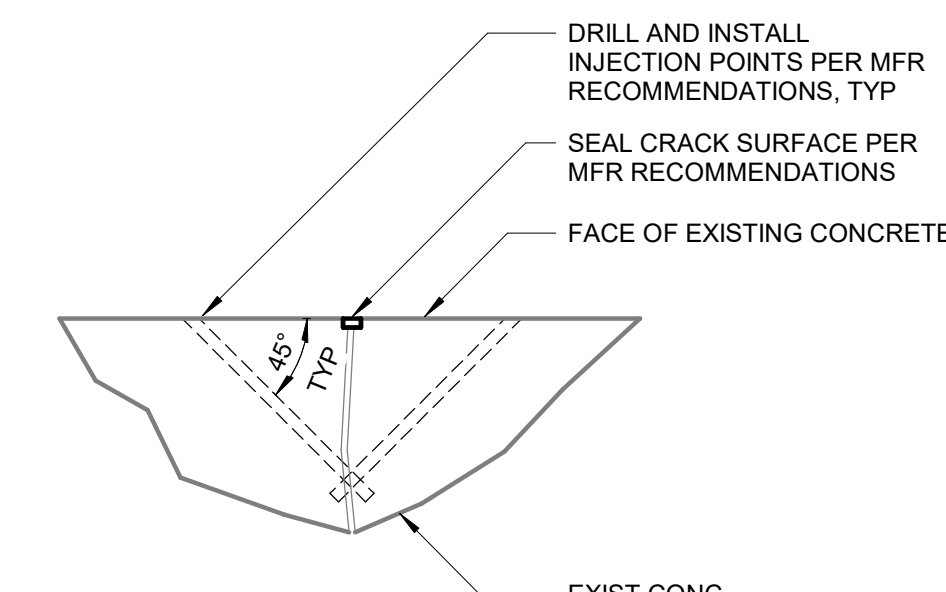
FORMED SPALL REPAIR



TYPE I - CEMENTITIOUS SURFACE SEAL CRACK REPAIR (NON-LEAKING)



TYPE II - EPOXY INJECTIONS CRACK REPAIR (STRUCTURAL LOAD TRANSFER)



TYPE III - WATERPROOF INJECTION CRACK REPAIR (LEAKING CRACKS)

CRACK REPAIR

CONCRETE REPAIR QUANTITIES							
SERIES	DESCRIPTION	TYPE I CEMENTITIOUS SURFACE SEAL CRACK REPAIR	TYPE II EPOXY INJECTION CRACK REPAIR	TYPE III WATERPROOF INJECTION GROUT CRACK REPAIR	SURFACE SPALL REPAIR MATERIAL (SF)	FORMED SPALL REPAIR MATERIAL (SF)	CONTRACTION OR CONSTRUCTION JOINT REPAIR (LF)
1	BASEMENT	100	100	100	100	50	0
2	FIRST FLOOR	100	100	100	100	50	0

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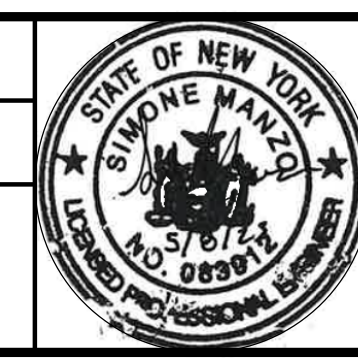
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
S. MANZO

CHECKED BY:
C. PHILLIPS

DRAWN BY:
S. ROESER

DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624

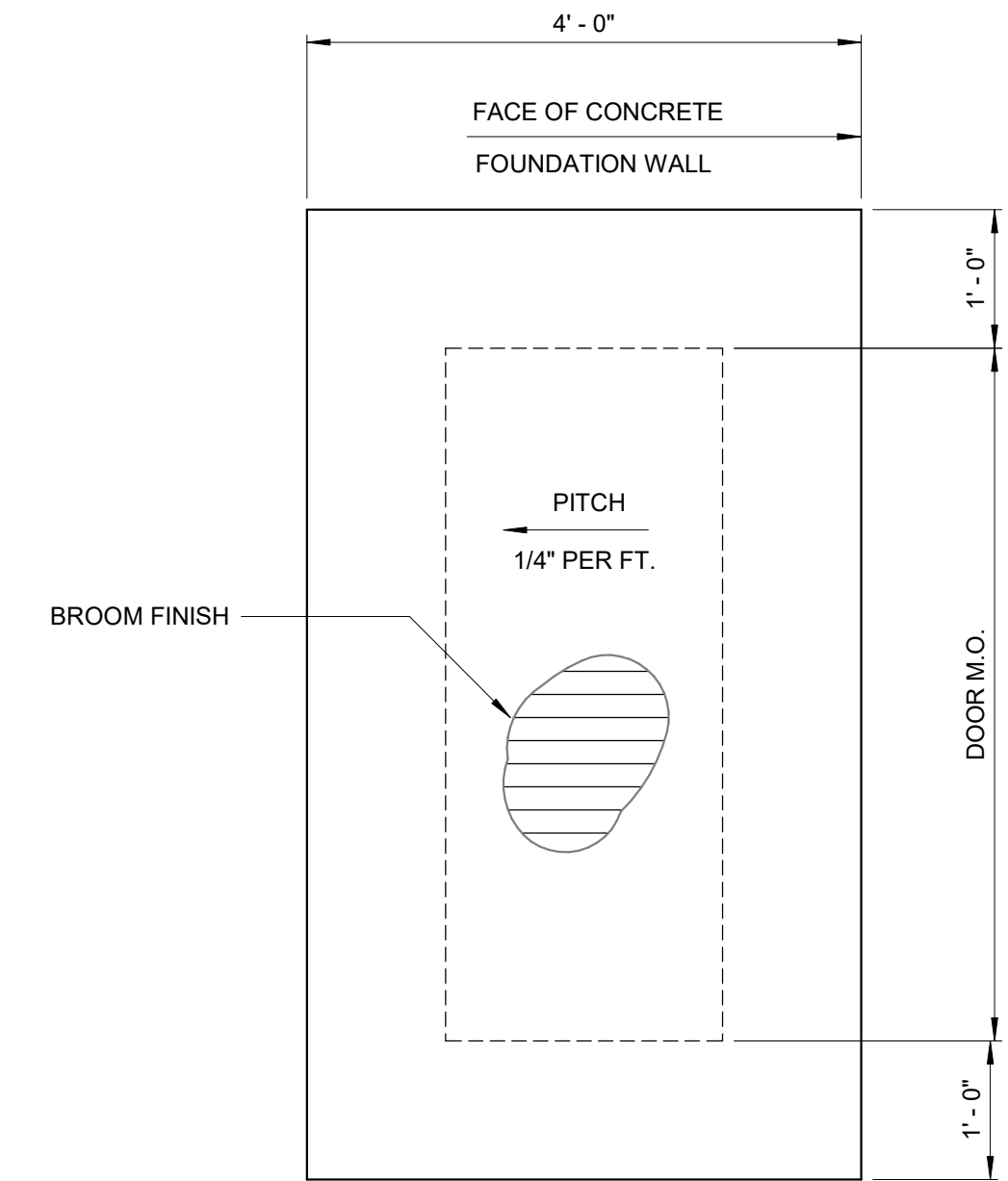
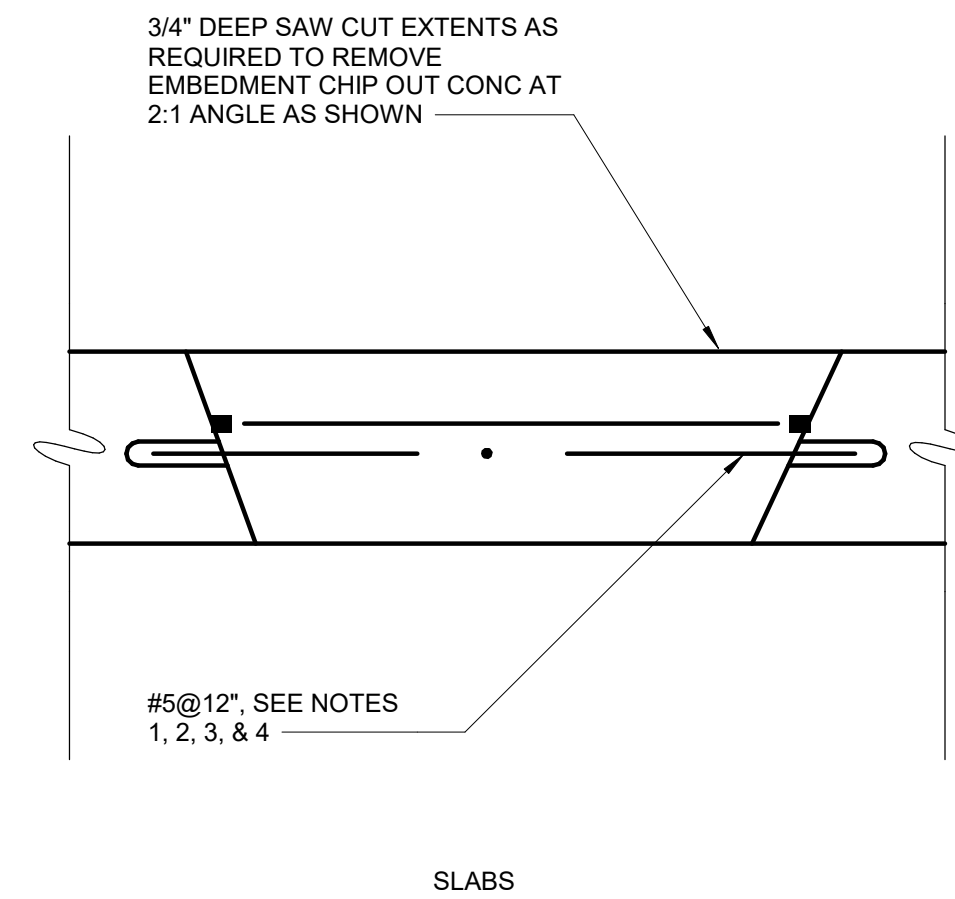
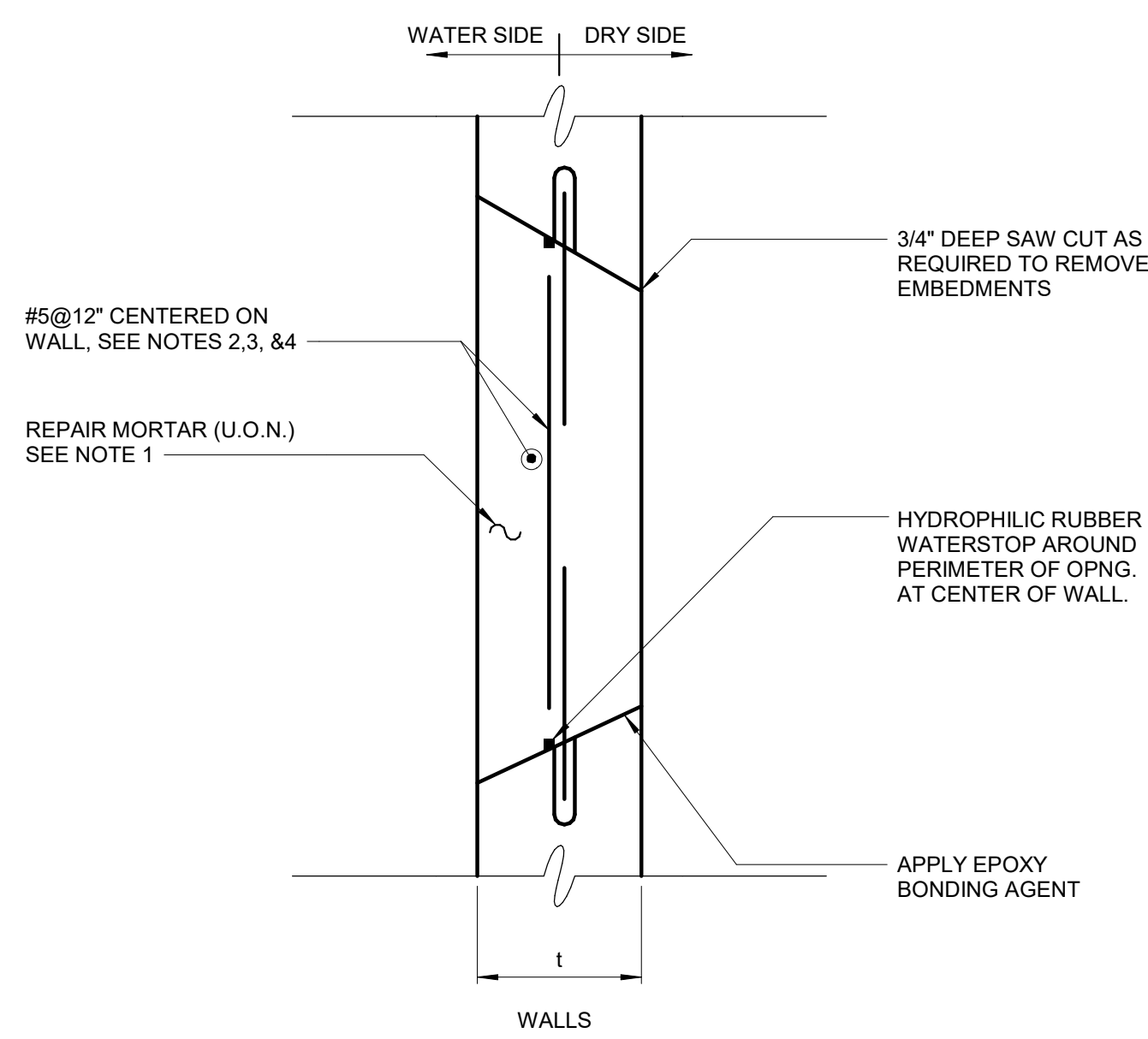
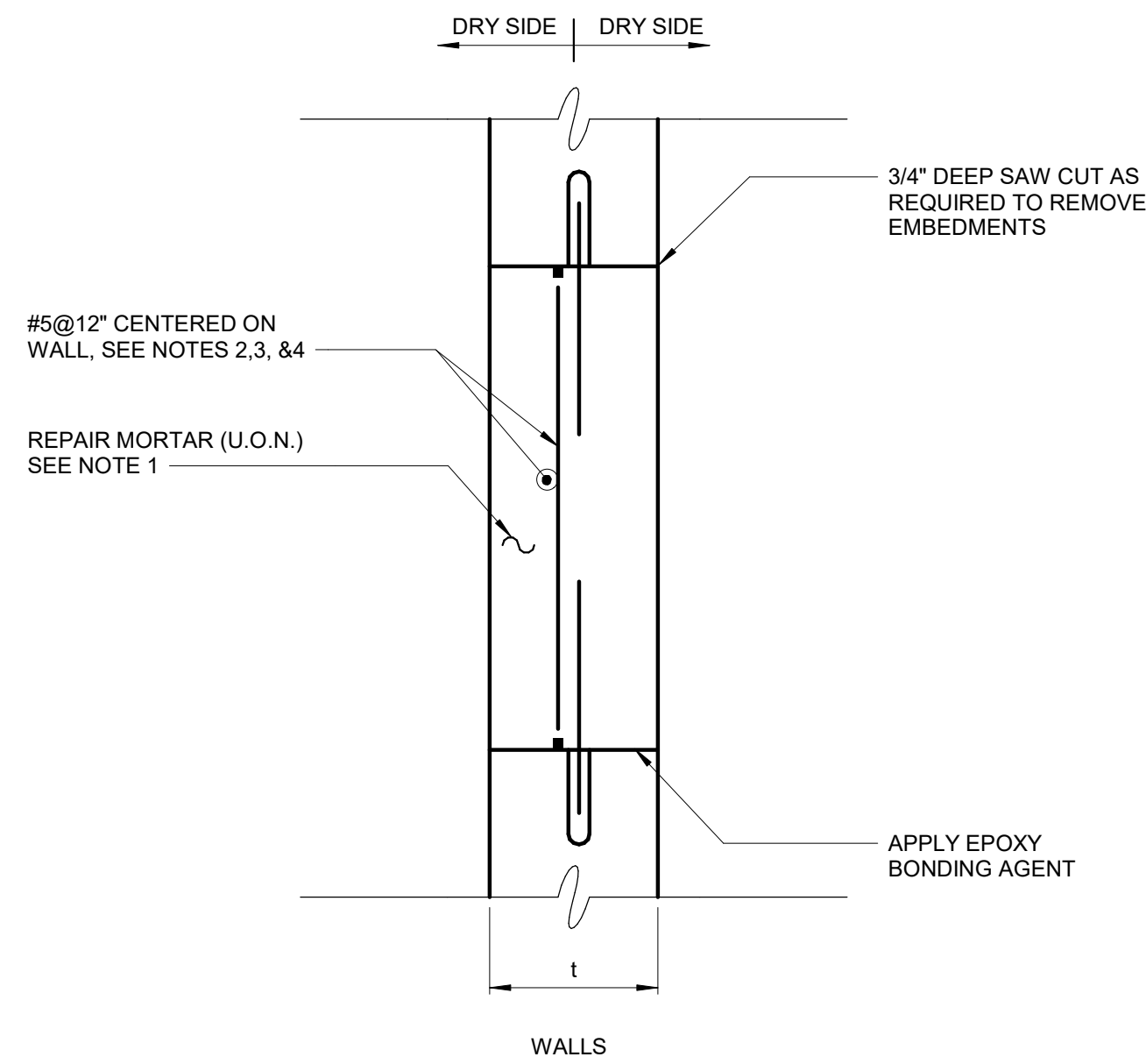
STRUCTURAL REPAIR SCHEDULE AND DETAILS

DATE: MAY 2023

SCALE:

SHEET NO:
56 OF No. 121

DRAWING NO.
S-500

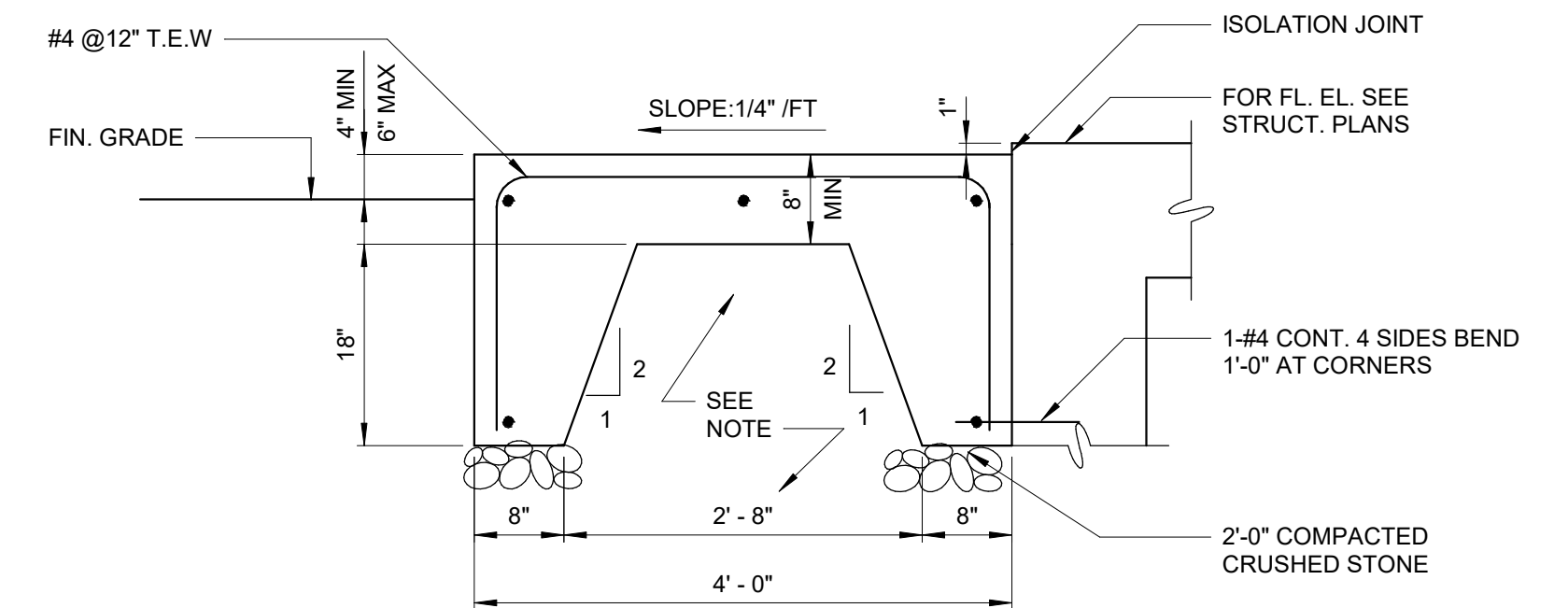


NOTES:

- HOLES WHICH ARE LESS THAN 12" IN THEIR LEAST DIMENSION SHALL BE FILLED WITH NON-SHRINK GROUT.
- FOR HOLES WHICH ARE LESS THAN 8" IN THEIR LEAST DIMENSION, REINFORCING NOT REQUIRED.
- FOR WALLS 12" OR THICKER PROVIDE TWO LAYERS OF #5@12" LOCATED 3" FROM EA. FACE.
- AT HOLES LARGER THAN 8" THE REINF. SHALL BE DRILLED AND GROUTED INTO THE EXISTING CONCRETE USING APPROVED DOWEL ADHESIVE.

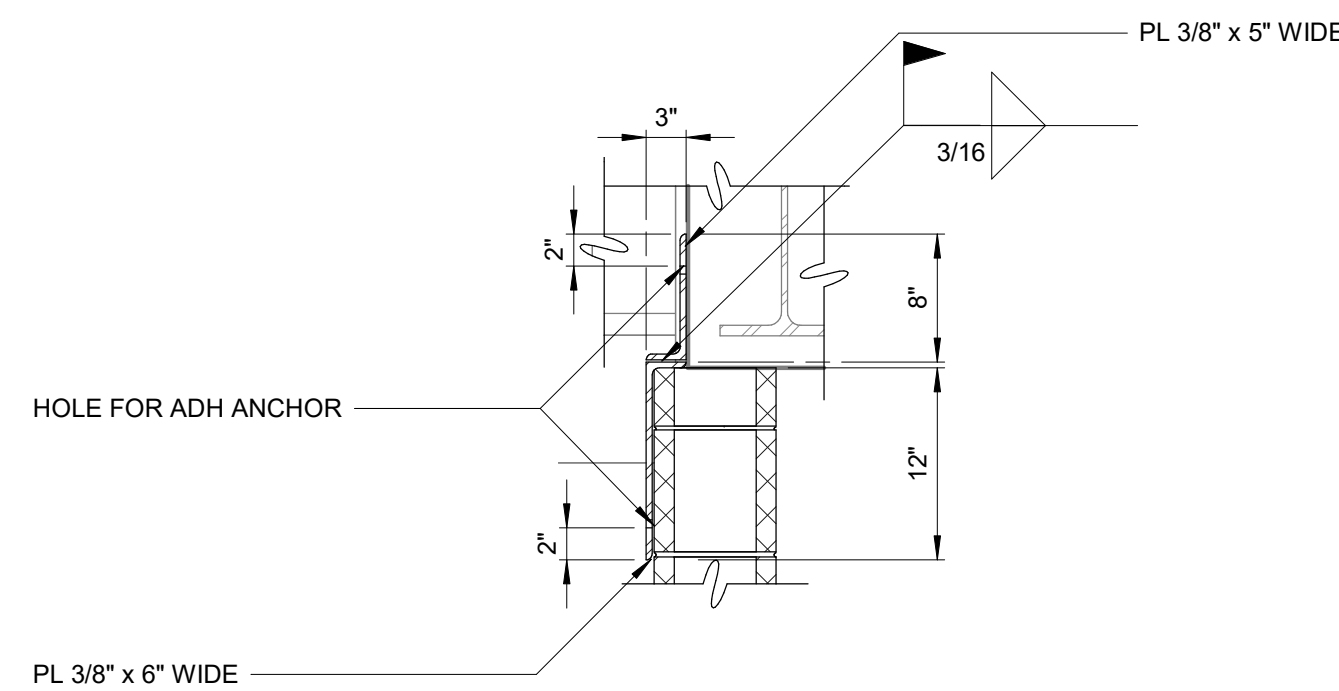
PATCHING OF HOLES IN CONCRETE

NOT TO SCALE



CONCRETE ENTRANCE PAD

3/4" = 1'-0"



NOTES:

- SPACING OF CONNECTORS SHALL BE AT 4'-0" MAX.
- FINAL GEOMETRY OF PLATE SHALL BE BASED ON ACTUAL PROJECTION OF CMU WALL PAST EXISTING BEAM. IF PROJECTION IS LESS THAN SHOWN COORDINATE WITH ENGINEER PRIOR TO FABRICATION.

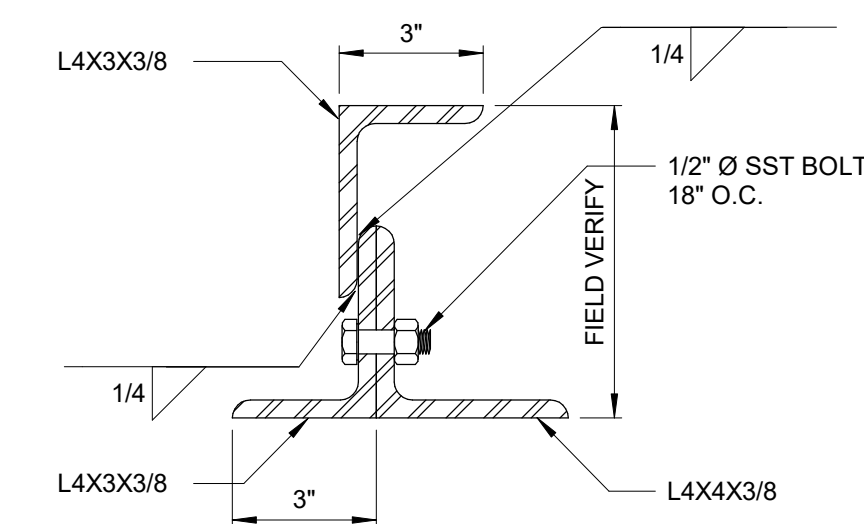
TOP OF WALL CONNECTOR

DETAIL	1
1" = 1'-0"	S-301

LINTEL SCHEDULE			
NO.	TYPE	LENGTH	LOCATION
8	2-L'S 4X3X3/8" + L4X4X3/8 SEE LINTEL DETAIL 1 AND DETAIL 1-A-621	8'-6"	WINDOWS 103-106 AND 111-114
23	2-L'S 6X3-1/2X3/8" LLV BACK TO BACK SEE DETAIL 1-A-622	8'-6"	WINDOWS 201-214 AND 101, 102, 107-110, 115-117
4	2-L'S 6X3-1/2X3/8" LLV BACK TO BACK + L6X3-1/2X3/8" LLV SEE DETAIL 2-A-622	8'-6"	WINDOWS 109, 110, 116, 117
2	2-L'S 5X3X3/8" LLV BACK TO BACK SEE DETAIL 2-A-631	8'-6"	DOORS SF-01, SF-02 EXTERIOR
2	2-L'S 6X3-1/2X3/8" LLV BACK TO BACK SEE DETAIL 2-A-633	9'-6"	DOORS SF-03, SF-04
2	2-L'S 6X3-1/2X3/8" LLV BACK TO BACK SEE DETAIL 1-A-622	8'-6"	DOOR 103B

NOTES:

- SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF WINDOWS AND DOORS AND TYPICAL WINDOWS AND DOOR SECTIONS.
- REPLACE ALL EXISTING EXTERIOR GALVANIZED STEEL LINTELS WITH STAINLESS STEEL TYPES 316L LINTELS AS INDICATED IN TABLE.
- IF STAINLESS STEEL MEMBERS ARE NOT AVAILABLE PROVIDE EQUIVALENT STAINLESS STEEL SECTIONS, BUILT UP OUT OF STAINLESS STEEL PLATES.



LINTEL DETAIL 1

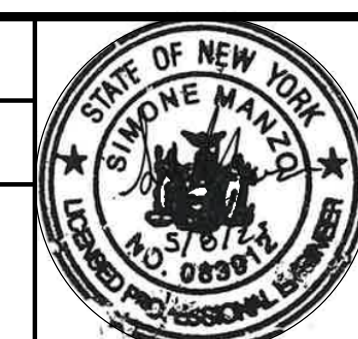
NOTE: SEE DETAIL 1-A-621

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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	
STRUCTURAL DETAILS	
DATE: MAY 2023	SCALE:
SHEET NO: 57 OF No. 121	DRAWING NO. S-501

Autodesk Docs:060200_03A_CAT-423 WIO-03A Reason of Kensico Lab#0200-03A_S_KLB.rvt
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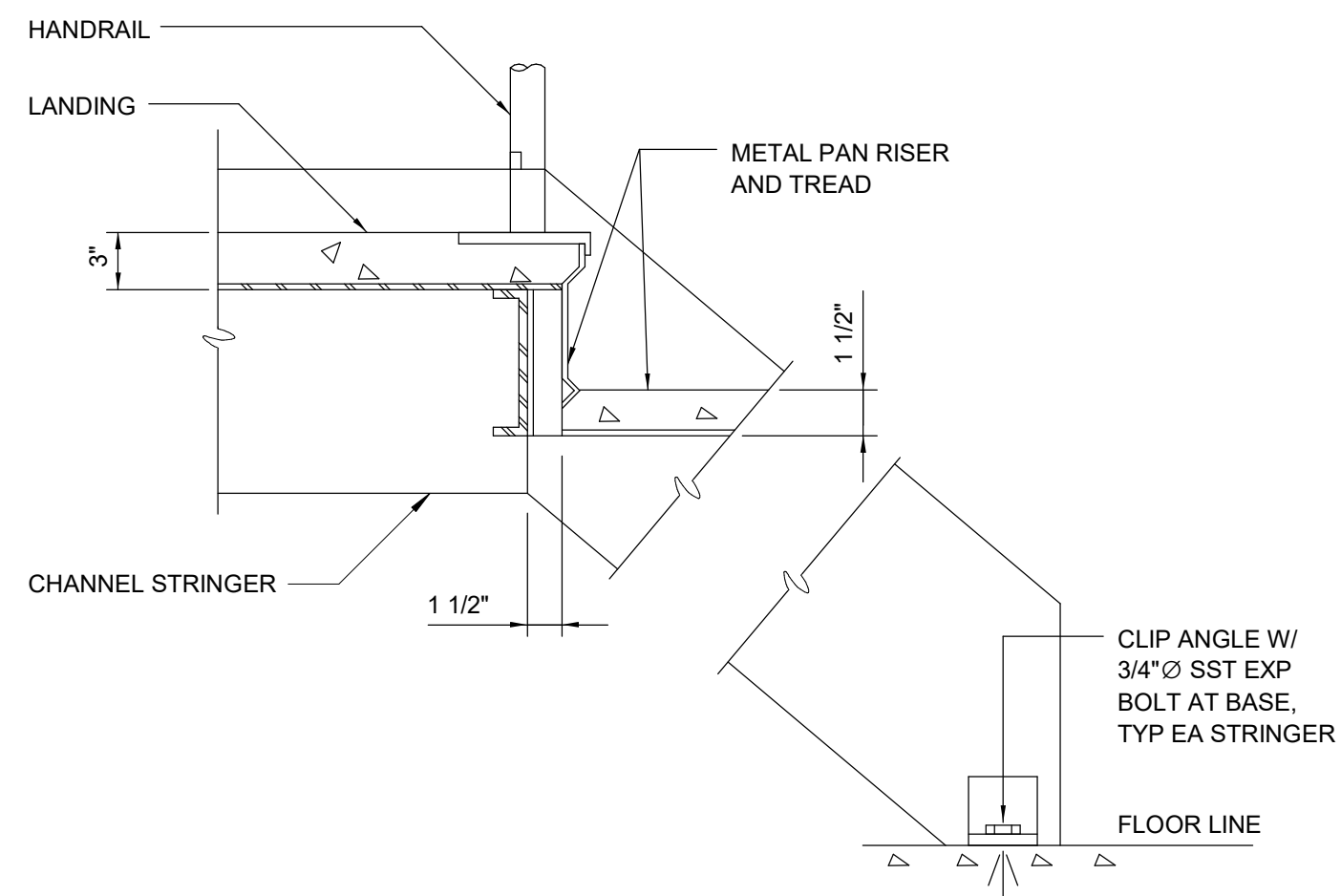
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CHECKED BY: C. PHILLIPS	DESIGN LEAD: E. BARBOE, P.E.



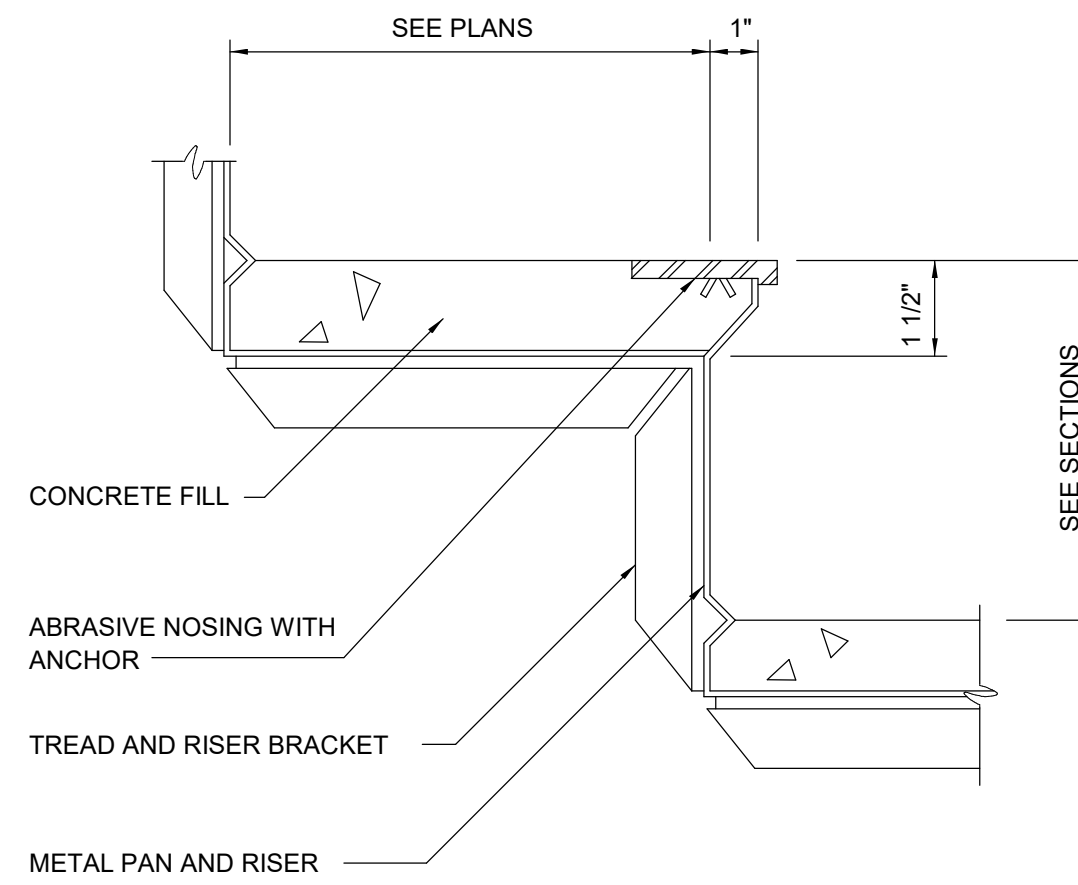
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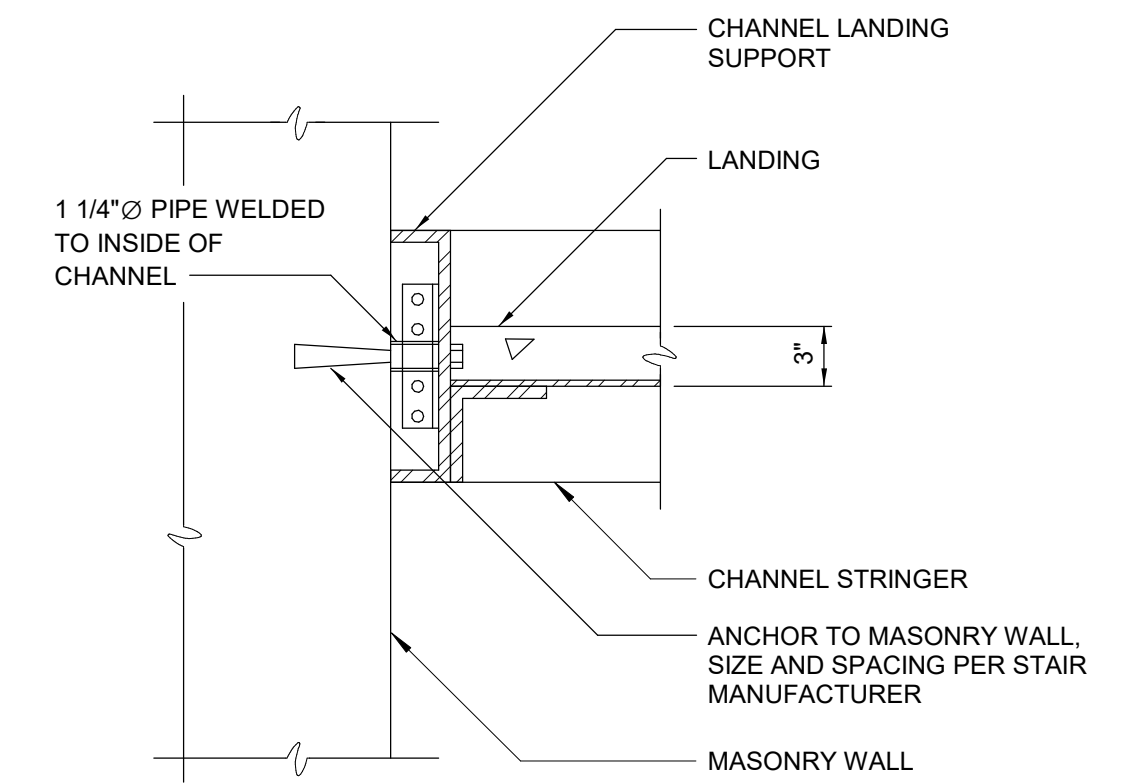
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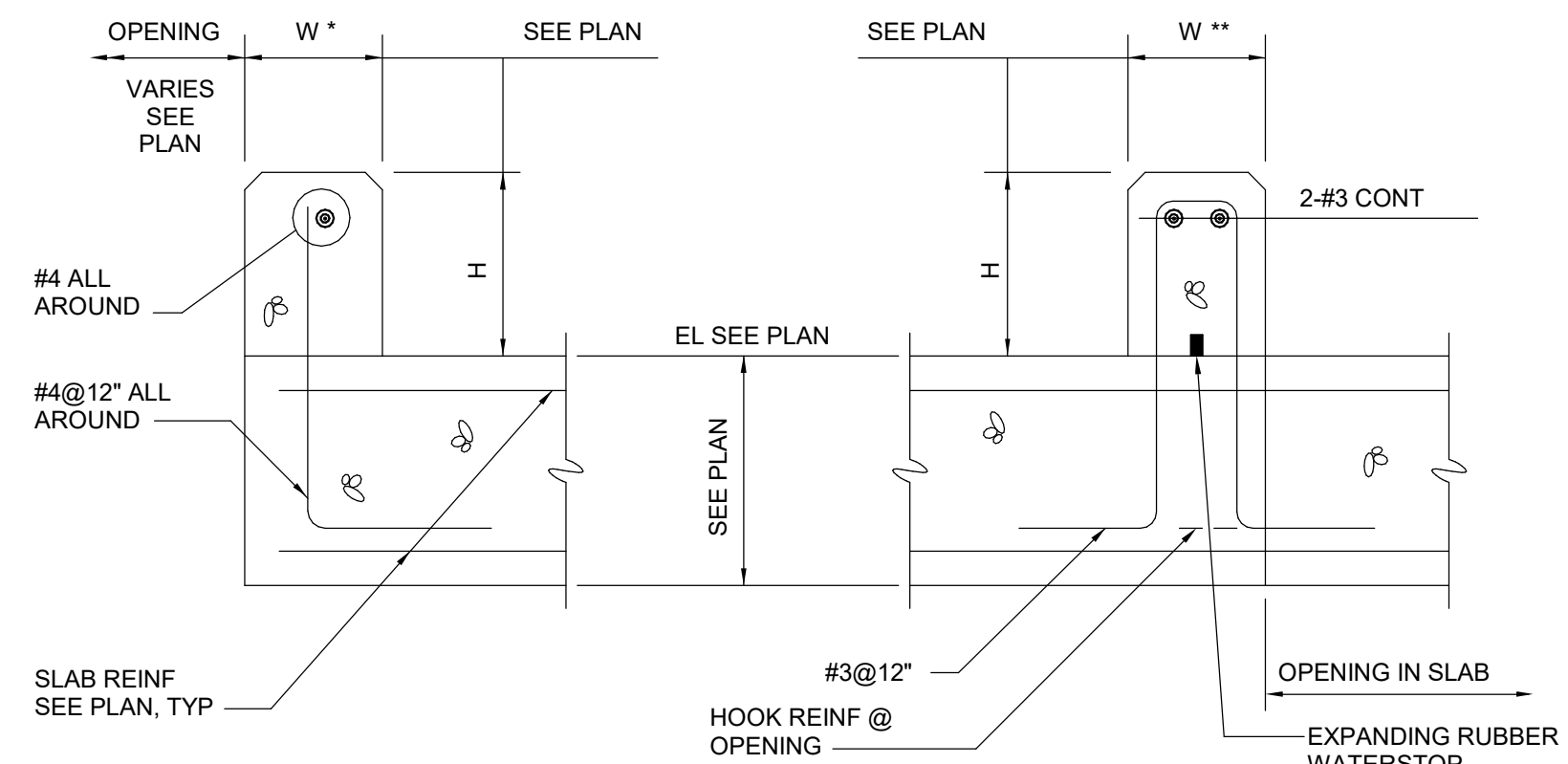
METAL PAN STAIRS - TOP LANDING
0550102R



TYP METAL PAN TREAD AND RISER
0550103

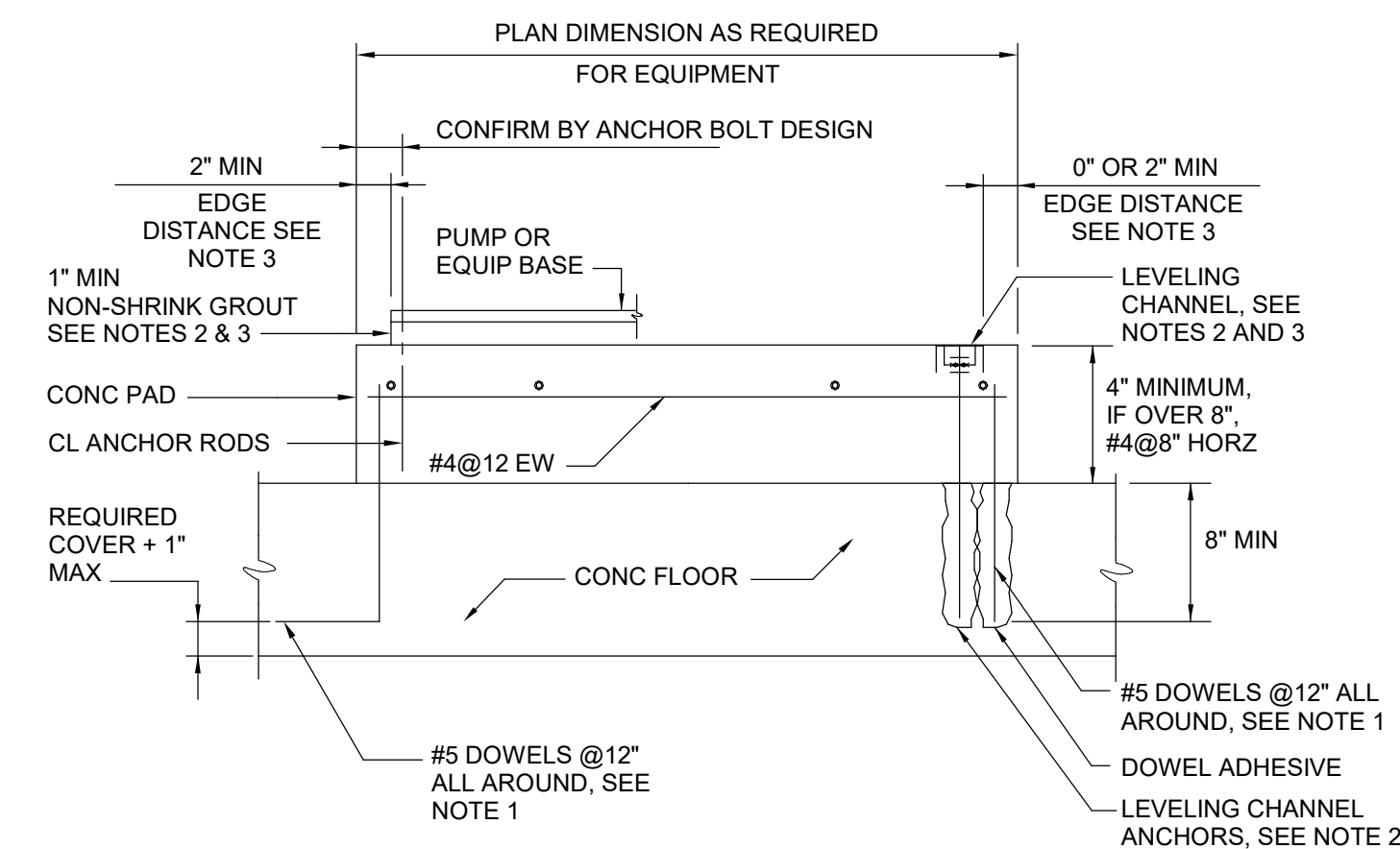


METAL PAN STAIRS - LANDING ANCHORAGE
0550105R



NOTE:
W* DENOTES CURBS LESS THAN 8"
W** DENOTES CURBS EQUAL TO OR GREATER THAN 8"
DOWELS MAY BE CAST IN OR ANCHORED WITH DOWEL ADHESIVE SYSTEM WITH A 6" MINIMUM EMBEDMENT. WHERE FLOOR IS 8" THICK OR LESS, USE DOWELS EMBEDDED TO WITHIN 2" OF BOTTOM OF FLOOR SLAB.

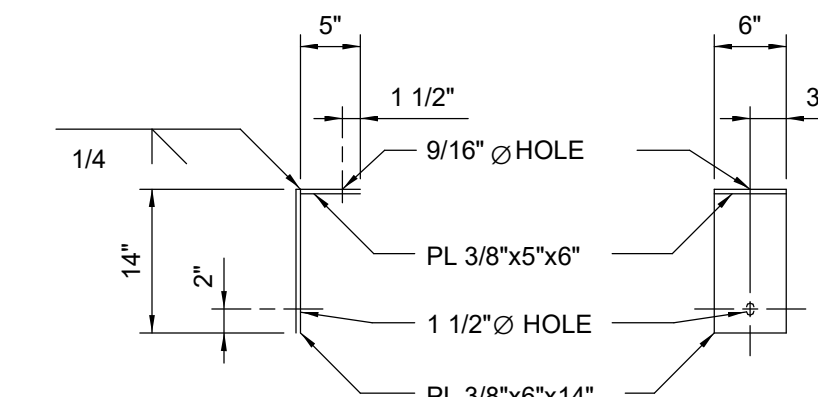
TYPICAL CONCRETE CURB
0331004



NOTES:

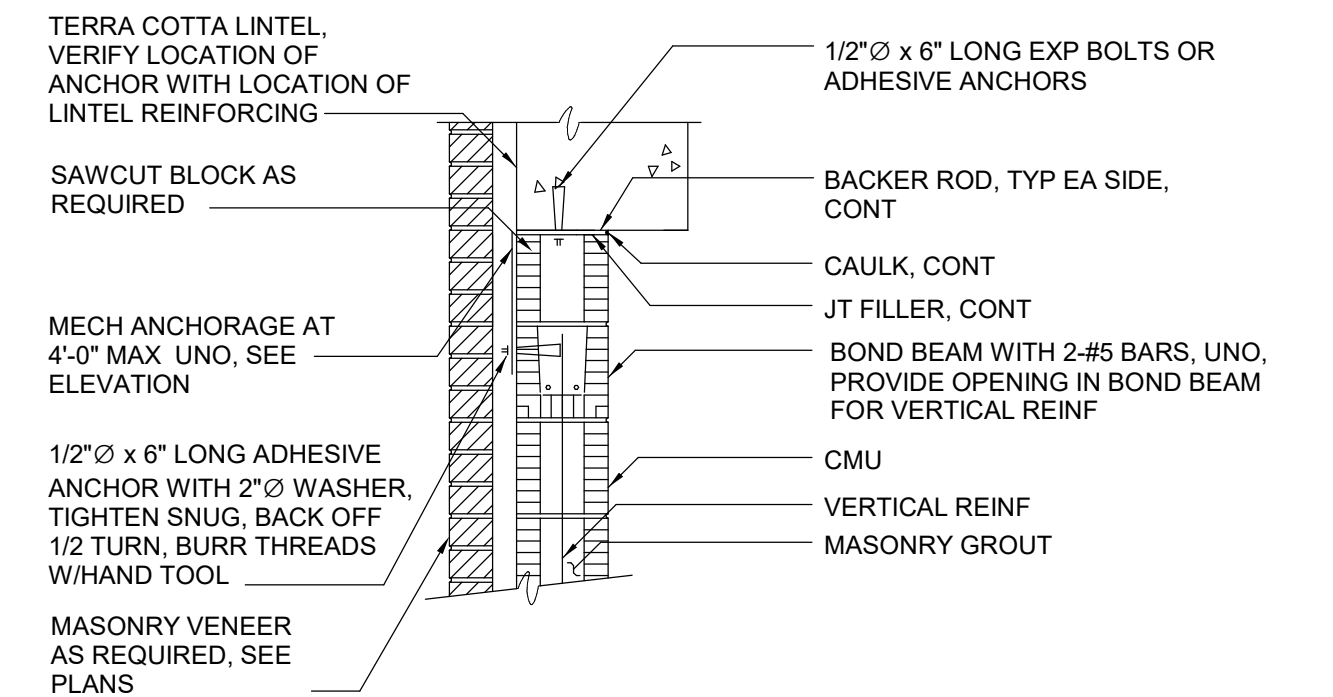
- DOWELS MAY BE CAST IN WITH 90° HOOK OR ANCHORED WITH DOWEL ADHESIVE AT CONTRACTOR'S OPTION. WHERE FLOOR IS 8" THICK OR LESS, USE #4 DOWELS EMBEDDED TO WITHIN 2" OF BOTTOM OF FLOOR SLAB.
- THE CONTRACTOR SHALL PROVIDE LEVELING CHANNELS AND LEVELING CHANNEL ANCHORS FOR SWITCHGEAR, SWITCHBOARDS, MOTOR CONTROL CENTERS, AND SIMILAR EQUIPMENT WHEN REQUIRED TO MEET EQUIPMENT MANUFACTURER'S LEVELING TOLERANCES. THE CONTRACTOR SHALL PROVIDE 1" MINIMUM NON-SHRINK GROUT FOR PUMPS AND SIMILAR EQUIPMENT WHEN REQUIRED TO MEET EQUIPMENT MANUFACTURER'S UNIFORM BEARING AND LEVELING REQUIREMENTS.
- PRIOR TO PLACING CONCRETE PAD, LEVELING CHANNEL SIZE AND MEANS OF INSTALLATION, ANCHORAGE, GROUT, CONCRETE EDGE DISTANCE, AND CONCRETE BLOCKOUTS REQUIREMENTS SHALL BE COORDINATED WITH EQUIPMENT MANUFACTURER.
- COAT DISSIMILAR MATERIALS PER THE CONTRACT DOCUMENTS.
- STAGGER CHANNEL ANCHORS AND PAD DOWELS.

TYPICAL EQUIPMENT PAD
0331600



NOTE: ALL STEEL ASTM A-36

ELEVATION

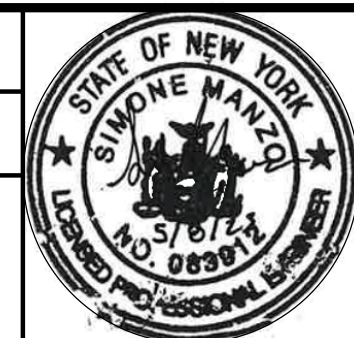


MASONRY WALL TO CONCRETE BEAM CONNECTION
0420109R

Autodesk Docs/060900_03A_CAT-423 W0-03A Reason of Kensico Lab/060900-03A_S_KLB.rvt 5/10/2023 10:47:03 AM

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CHECKED BY: C. PHILLIPS	DESIGN LEAD: E. BARBOE, P.E.



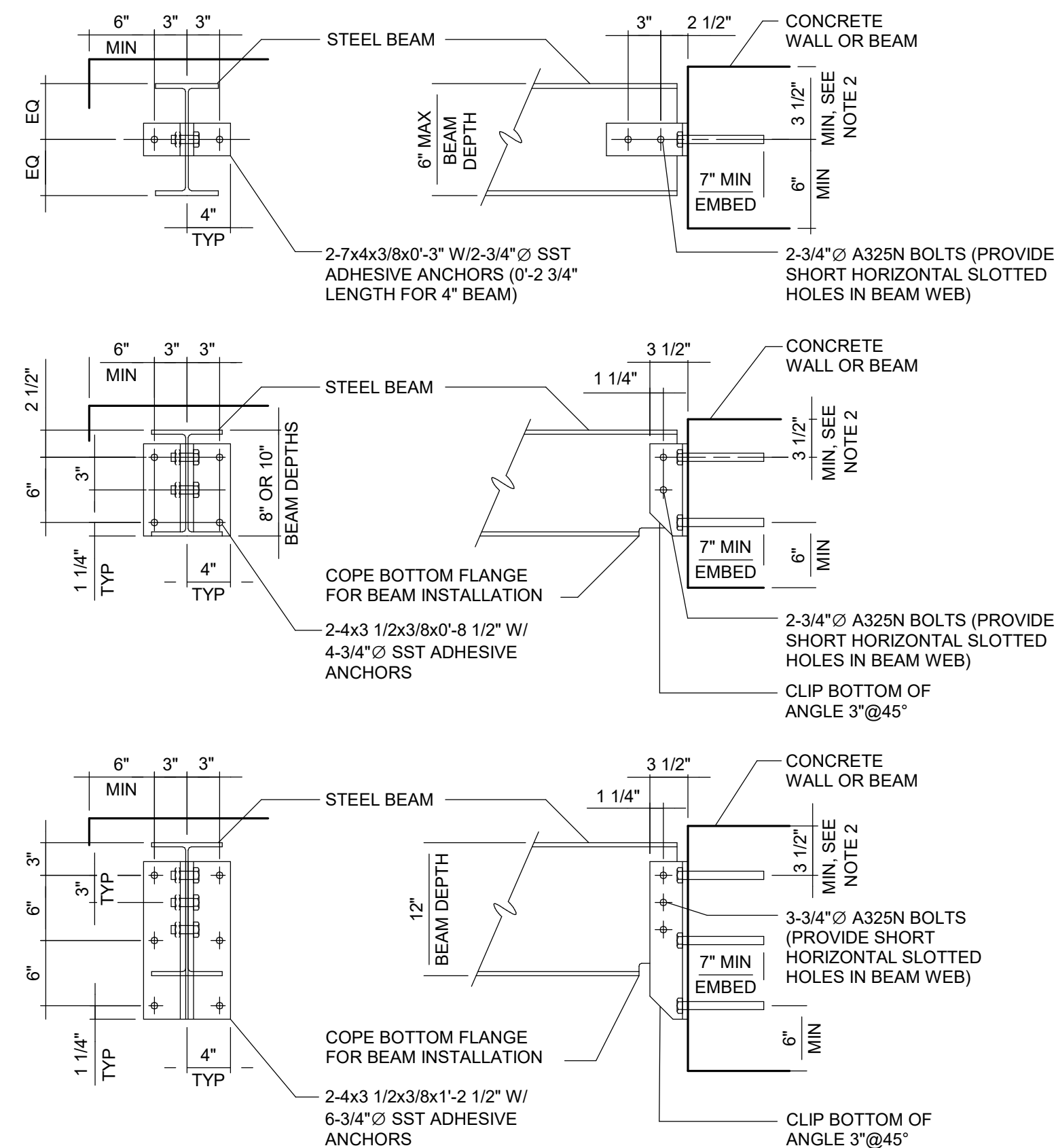
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PORTFOLIO MANAGER MARK DELBALZO, P.E.

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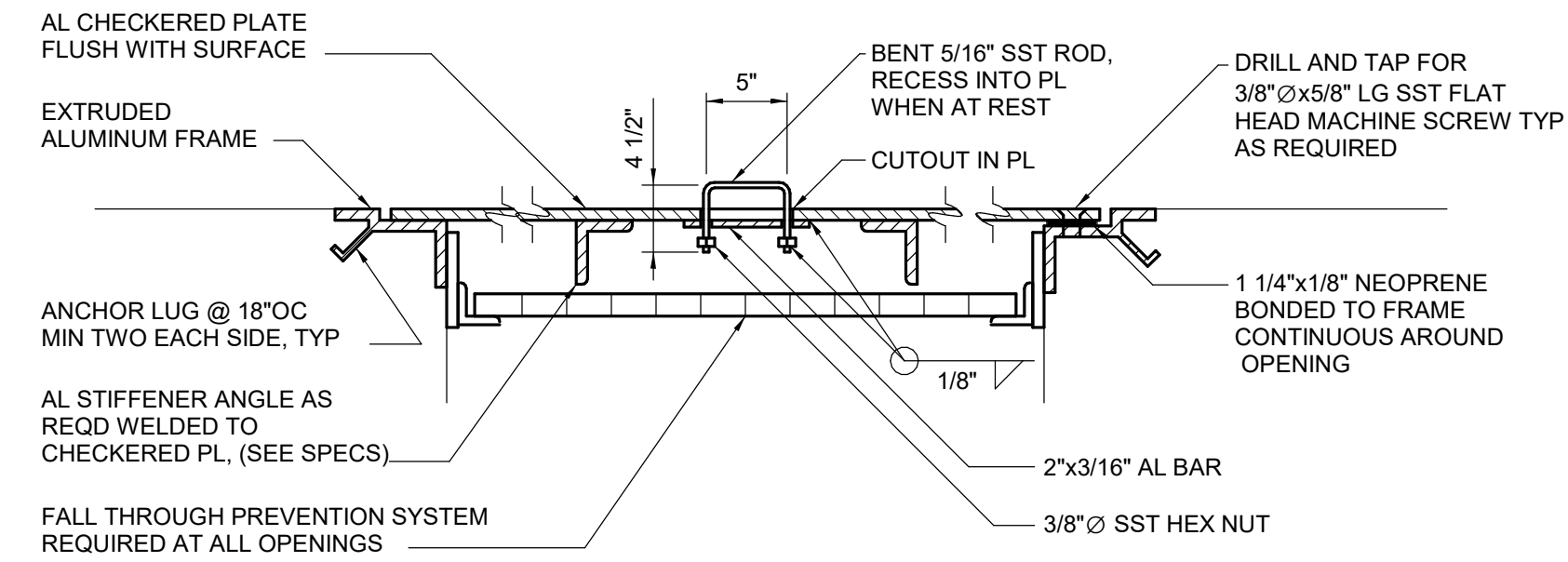
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	
STRUCTURAL DETAILS	
DATE: MAY 2023	SHEET NO: 58 OF No. 121
DRAWING NO. S-502	

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.

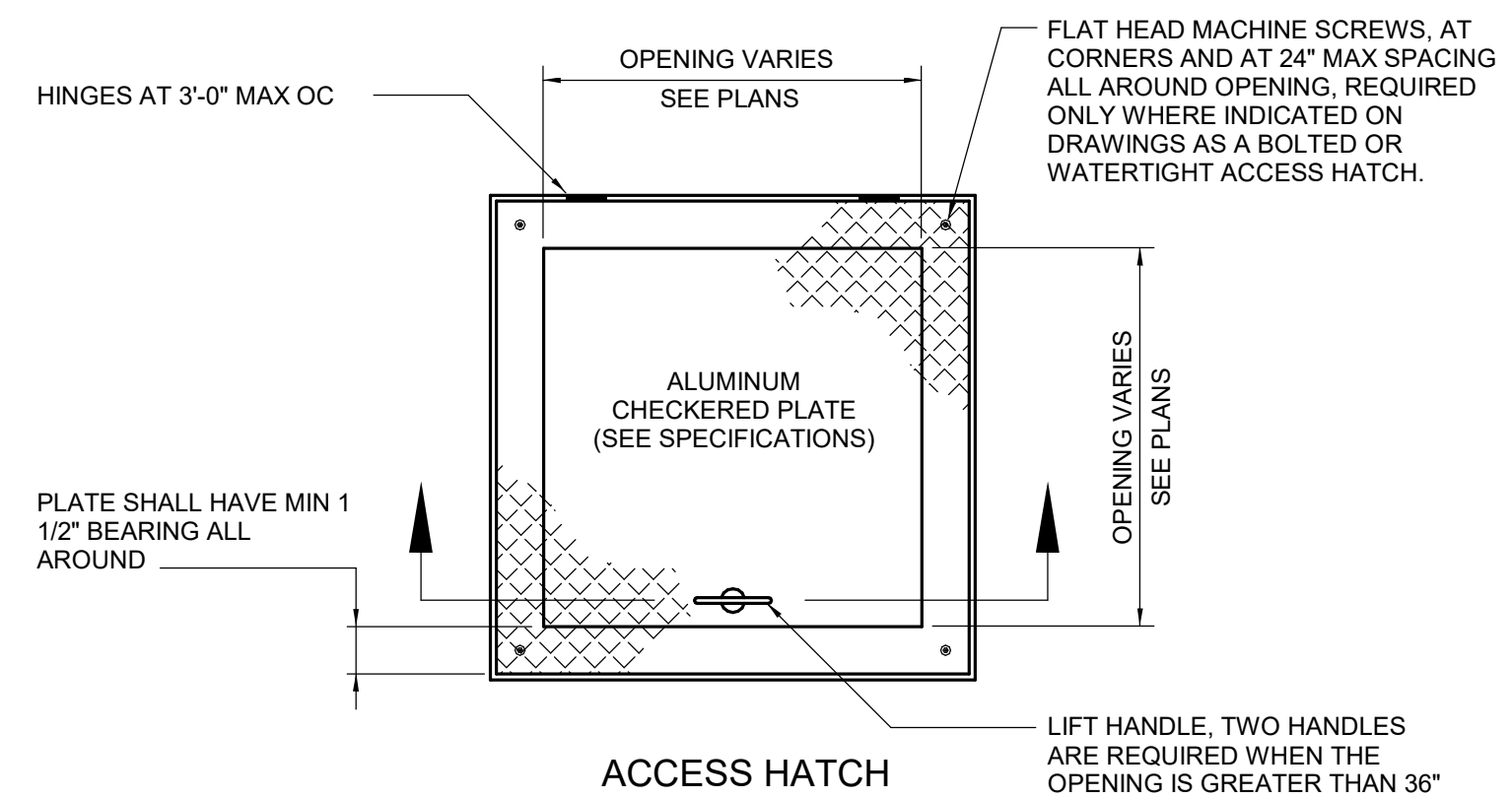


- NOTES:
- WHERE BOTH ENDS OF BEAM ARE ATTACHED TO A WALL, PROVIDE LONG HORIZONTALLY SLOTTED HOLES IN BEAM WEB AT ONE END. TIGHTEN NUTS SNUG TIGHT, BACK OFF 1/2 TURN, AND LOCK WITH DOUBLE NUT.
 - DO NOT CUT EXISTING CONCRETE BEAM TOP REINFORCING DURING DRILL-IN ANCHOR INSTALLATION. FIELD LOCATE BEAM REINFORCING PRIOR TO FABRICATION WITH GROUND PENETRATING RADAR OR OTHER ACCEPTABLE MEANS. ADD LENGTH TO CLIP ANGLES AS REQUIRED TO LOWER ANCHORS TO CLEAR REINFORCING WHILE MAINTAINING SPACING AND EDGE DISTANCE AS SHOWN.

STEEL BEAM TO CONCRETE CONNECTION
0512002



STANDARD SECTION ACCESS HATCH



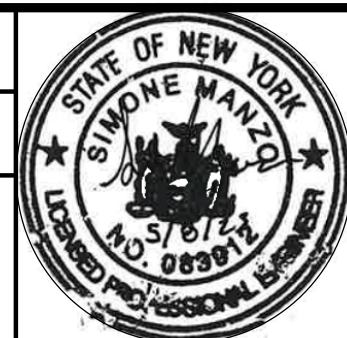
ACCESS HATCH
0553010

- NOTES:
- ACCESS HATCH SUPPORTED ON METAL FRAME SHALL BE SIMILAR. ANCHOR LUG NOT REQUIRED.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

STRUCTURAL
DETAILS

DATE: MAY 2023
SCALE:
SHEET NO:
59 OF No. 121
DRAWING NO.
S-503

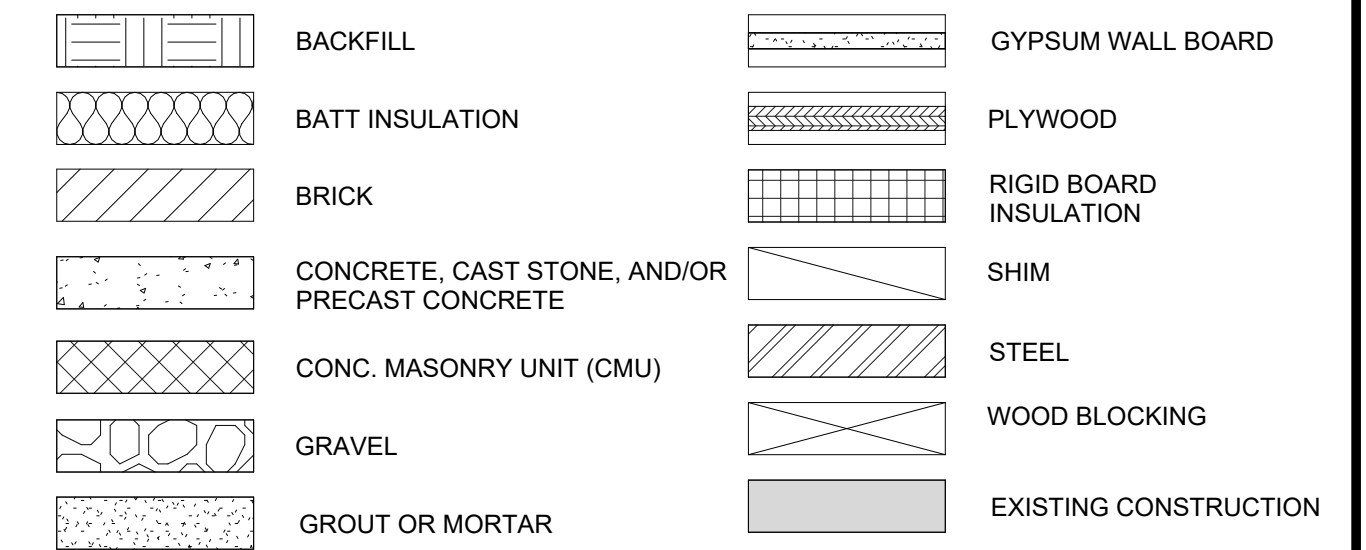
GENERAL NOTES

- WORK SHALL BE IN CONFORMANCE WITH APPLICABLE REQUIREMENTS OF LOCAL GOVERNING CODES, INCLUDING BUT NOT LIMITED TO N.Y.S DEPT. OF LABOR, HEALTH CODE, FIRE DEPARTMENT REGULATIONS, NFPA, OSHA CODES, ANSI A117.1 (2017), AND NEW YORK STATE UNIFORM FIRE PREVENTION (2020 EDITION) & BUILDING CODE (2020 EDITION).
- WORK SHALL BE EXECUTED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF ALL LAWS, BY-LAWS, STATUTES, ORDINANCES, CODES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON THE PERFORMANCE AND EXECUTION OF THE WORK.
- CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT OF ANY PORTIONS OF THE WORK, IN THE CONTRACT DOCUMENTS THAT ARE AT VARIANCE WITH THE ABOVE.
- ALL PERMITS ISSUED SHALL BE POSTED IN A CONSPICUOUS PLACE OPEN TO THE PUBLIC INSPECTION UNTIL THE COMPLETION OF THE WORK OR THE USE AND THE OPERATION OF THE EQUIPMENT OR UNTIL THE EXPIRATION OF THE PERMIT.
- DRAWINGS ARE NOT TO BE SCALED. USE DIMENSIONS ONLY. ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS MUST BE VERIFIED AT THE SITE BEFORE ORDERING ANY MATERIAL OR DOING ANY WORK. WHERE DISCREPANCIES OCCUR AND/OR WHERE THERE ARE CONFLICTS OR OMISSIONS IN THE DRAWINGS, SPECIFICATIONS AND APPLICATIONS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY AND REFRAIN FROM STARTING AND COMPLETING SUCH WORK, OR DEPENDENT WORK, UNTIL DIRECTED BY ARCHITECT TO PROCEED. NO CHANGE IN DRAWINGS OR SPECIFICATIONS IS PERMISSIBLE WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.
- EXTERIOR DIMENSIONS ARE TO THE FACE OF STRUCTURE UNLESS OTHERWISE NOTED.
- MECHANICAL AND ELECTRICAL INDICATIONS ON ARCHITECTURAL DRAWINGS ARE FOR LOCATION PURPOSES ONLY.
- THE HARDWARE AND FIXTURES SHOWN IN DRAWINGS IS FOR GRAPHIC PURPOSES ONLY. REFER TO THE FINISH HARDWARE SCHEDULE IN SPECIFICATIONS.
- ADDITIONAL NOTES APPLICABLE TO THIS PROJECT MAY BE FOUND THROUGHOUT THE CONSTRUCTION DOCUMENTS.
- WHERE MANUFACTURER'S NAMES AND PRODUCT NUMBERS ARE INDICATED ON THE DRAWINGS IT SHALL BE CONSTRUED TO MEAN THE ESTABLISHING OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL PRODUCTS MUST BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL BEFORE THEY SHALL BE DEEMED EQUAL.
- ELEVATIONS GIVEN FOR EXISTING BUILDINGS ARE TO FINISHED FLOOR. THE CONTRACTOR SHALL VERIFY ALL ELEVATIONS FOR EXISTING STRUCTURES PRIOR TO THE COMMENCEMENT OF WORK.
- THE WORD "PROVIDE" MEANS TO FURNISH AND INSTALL NEW ITEM(S) AND/OR SYSTEM(S).
- CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. SITE WILL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY.
- EXISTING AND NEWLY CONSTRUCTED SURFACES SHALL BE PROTECTED FROM DEMOLITION / CONSTRUCTION ACTIVITIES. WHERE EXISTING FINISHES ARE TO BE CUT OR ALTERED, THEY SHALL BE MODIFIED IN SUCH A MANNER THAT AFTER ASSEMBLY THEY WILL PROVIDE A COMPLETE CONTINUOUS FINISHED CONDITION. WHERE ACCESSORIES, EQUIPMENT, AND PARTITIONS ARE TO BE REMOVED, ALTERED, ETC., PROVIDE FOR THE PATCHING AND REFINISHING OF MOUNTING POINTS IN THE EXISTING FINISH.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING WORK AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND OFF ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.
- CONTRACTOR SHALL LAY OUT HIS OWN WORK, AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR OTHER TRADES.
- CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY WITH ADJACENT CONSTRUCTION WITHOUT COMPROMISING THE QUALITY OF THE WORK.
- CONTRACTOR SHALL PATCH AND REPAIR FLOORS, WALLS CEILINGS, ETC., DAMAGED OR EXPOSED DUE TO MEP WORK AND FINISH TO MATCH ADJOINING SURFACES TO THE SATISFACTION OF THE ARCHITECT AND OWNER. COORDINATE WORK WITH MEP DRAWINGS.
- CONTRACTOR SHALL PATCH AND REPAIR FIREPROOFING DAMAGE INCURRED DURING CONSTRUCTION. FIREPROOF AS REQUIRED BY CODE ALL PENETRATIONS GENERATED BY THE WORK DESCRIBED IN THESE DOCUMENTS.
- WORK SHALL BE INSTALLED SO THAT ALL PARTS REQUIRED ARE READILY ACCESSIBLE FOR INSPECTION, OPERATION, MAINTENANCE AND REPAIR.
- NEW CONSTRUCTION, PATCHED WORK, AND AREAS AFFECTED BY CONSTRUCTION SHALL BE PAINTED. PAINTING SHALL COVER THE ENTIRE AFFECTED HORIZONTAL OR VERTICAL SURFACE TO THE CLOSEST CORNER IN ALL FOUR DIRECTIONS. COLOR TO MATCH EXISTING CONDITIONS. WHERE AFFECTED SURFACES ARE MORE THAN 2/3 OF THE TOTAL PAINTABLE SURFACE AREA WITHIN A ROOM, PAINT ALL PAINTABLE SURFACES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ASPECTS OF WORK UNDER THIS CONTRACT IN ORDER TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK.
- EXCEPT FOR MISCELLANEOUS TRIM AND MOLDINGS, ALL NEW WOOD USED SHALL BE FIRE RETARDANT.
- CONTRACTOR SHALL PROVIDE CONCEALED BLOCKING AND/OR GROUNDS WHERE REQUIRED BY CONSTRUCTION AND OWNER SUPPLIED FURNISHINGS AND EQUIPMENT.
- FIRE STOPPING IS REQUIRED AT ALL WALL, FLOOR AND CEILING PENETRATIONS. FIRE STOPPING SHALL MEET THE REQUIRED FIRE RATING OF THE EXISTING OR NEW CONSTRUCTION.
- CONTRACTOR'S EQUIPMENT AND MATERIALS TO REMAIN ON SITE DURING THE COURSE OF WORK SHALL AT THE END OF EACH DAY BE STORED IN THE PROVIDED STAGING AREA.

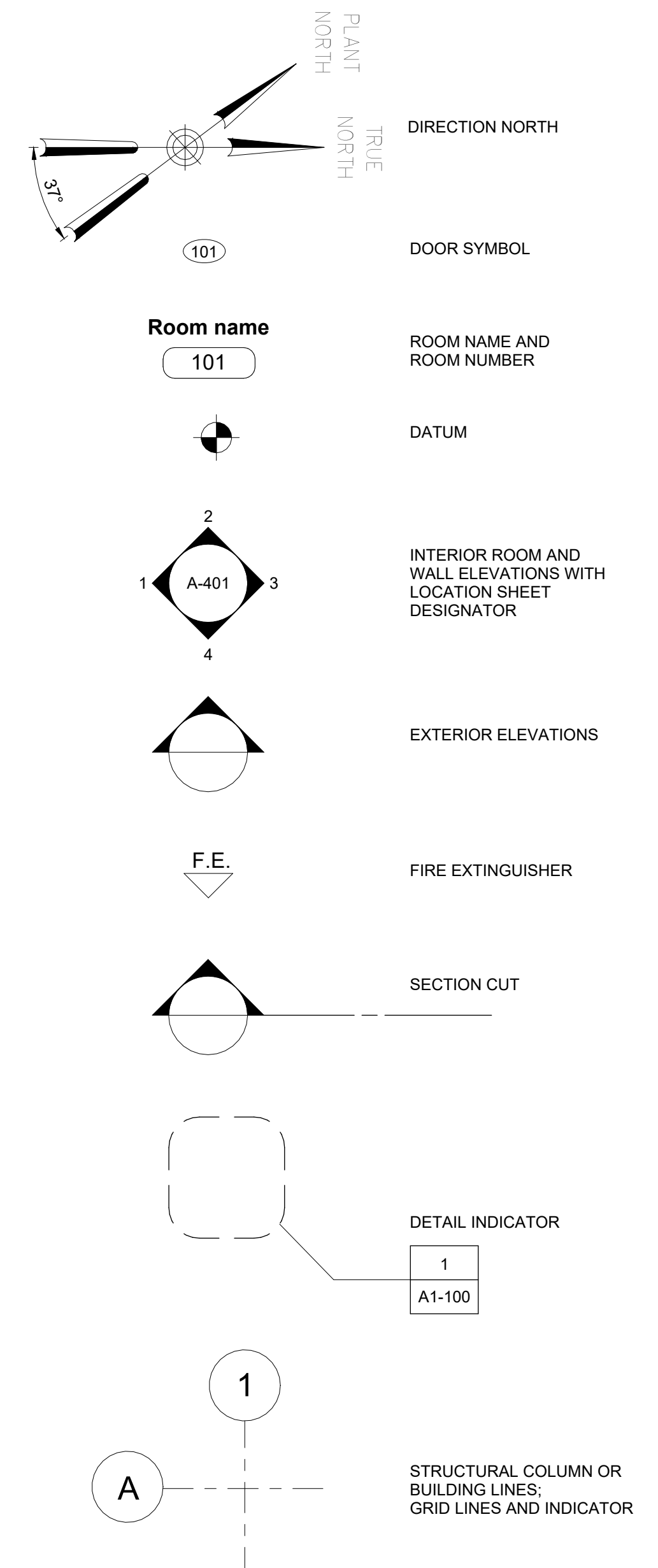
ARCHITECTURAL ABBREVIATIONS

"A"		"G"		"P"	
&	AND	GA	GAGE / GAUGE	PAR	PARALLEL
@	AT	GALV	GALVANIZED	PART.	PARTITION
AB	ANCHOR BOLTS	GB	GRADE BEAM / GRAB BAR	PERF	PERFORATED
ABR	ABRASIVE	GL	GLASS	PF	PURGE FAN
ACT	ACOUSTICAL CEILING TILE	GR	GRADE	PJ	PANEL JOINT
ADDL	ADDITIONAL	GRD	GROUND	PL	PLATE
ADJ	ADJUSTABLE	GS	GALVANIZED STEEL	PLWD	PLYWOOD
AFF	ABOVE FINISHED FLOOR	GVL	GRAVEL	PLUMB.	PLUMBING
ALT	ALTERNATE	GWB	GYPSEUM WALL BOARD	PNL	PANEL
ALUM	ALUMINUM			PR	PAIR
APPD	APPROVED	"H"		PRE	POWER ROOF EXHAUSTER
ARRROX	APPROXIMATE	HB	HOSE BIBB	PREFAB	PREFABRICATED
ARCH	ARCHITECTURAL	HD	HEAD	PREFIN	PRE FINISHED
ASPH	ASPHALT	HDW	HARDWARE	PRI	PRIMARY
"B"		HGT	HEIGHT	PRMLD	PRE MOLDED
B OR BOT	BOTTOM	HMD	HOLLOW METAL	P.T.	PRESSURE TREATED
BJ OR BO	BOTTOM OF BOARD	HM	HOLLOW METAL DOOR	PT	PAINT / PAINTED
BD	BOARD	HMF	HOLLOW METAL FRAME	PVC	POLYVINYL CHLORIDE
BFF	BELOW FINISHED FLOOR	HORIZ	HORIZONTAL	PVT	PAVEMENT
BIT	BITUMINOUS	HP	HIGH POINT	PWE	POWER WALL EXHAUSTER
BLDG	BUILDING	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	"Q"	
BLK	BLOCK / BLOCKING			QUAL	QUALITY
BM	BEAM	"I"		QTY	QUANTITY
BOD	BOTTOM OF DUCT	I.F.	INSIDE FACE		
BOL	BOTTOM OF LOUVER	INCL	INCLUDED / INCLUDING	"R"	
BOP	BOTTOM OF PIPE	IND	INDUSTRIAL	RAD	RADIUS
BRG	BEARING	INFO	INFORMATION	RB	ROOF BEAM
		INSUL	INSULATION / INSULATED	RD	ROOF DRAIN
"C"		INT	INTERIOR	RECT	RECTANGLE / RECTANGULAR
CJ	CONTROL JOINT	INV	INVERT	REF	REFERENCE
CANTIL	CANTILEVER			REINF	REINFORCE
CEM	CEMENT	"J"		REIQD	REQUIRED
CHAN	CHANNEL	JST	JOIST	REV	REVISION / REVISED
CHEM	CHEMICAL RESISTANT	JT	JOINT	RFG	ROOFING
CL	CENTERLINE			RM	ROOM
CLG	CEILING	"K"		RO	ROUGH OPENING
CLR	CLEAR	KD	KNOCK DOWN	"S"	
CMU	CONCRETE MASONRY UNITS COLUMN COMBINATION	KFS	KIPS PER SQUARE FOOT	S	SOUTH
COL	COLUMN	KFT	KIP FOOT	S/C	SITE/CIVIL
COMBO	COMBINATION	KP	KICK PLATE	SCH	SCHEDULE
CONC	CONCRETE	"L"		SEC	SECOND
CONST	CONSTRUCTION	L	ANGLE	SECT	SECTION
CONST JT	CONSTRUCTION JOINT	LAM	LAMINATE	SF	SQUARE FOOT
CONT	CONTINUE / CONTINUOUS	LB	POUND	SIM	SIMILAR
CONTD	CONTINUOUS CONTINUED	LBS	POUNDS	SIM REV	SIMILAR REVERSED
CONTR	CONTRACT / CONTRACTOR	LG	LENGTH / LONG	SJ	STEEL JOIST
COORD	COORDINATE	LL	LONG LEG HORIZONTAL	SPEC	SPECIFICATION
CORR	CORRIDOR	LLV	LONG LEG VERTICAL	SQ	SQUARE
CORRUG	CORRUGATED	LP	LOW POINT	SS	STAINLESS STEEL
CSK	COUNTERSINK	LV	LOUVER	STA	STATION
CSKSCR	COUNTERSUNK SCREW	MAN.	MANUAL	STD	STANDARD
CTR	CENTER	MATL	MATERIAL	STIFF	STIFFENER
"D"		MAX	MAXIMUM	STL	STEEL
DEG	DEGREE	MCP	METAL CLAD PANEL	STOR	STORAGE
DET	DETAIL	MECH	MECHANICAL	STRU	STRUCTURE / STRUCTURAL
DEMO	DEMOLISH / DEMOLITION	MET	METAL	SUSP	SUSPEND / SUSPENDED
DIA	DIAMETER	MFG	MANUFACTURING	SYM	SYMMETRICAL / SYMMETRICALLY
DIAG	DIAGONAL / DIAGRAM	MFR	MANUFACTURER	"T"	
DIM	DIMENSION	MIN	MINIMUM	T	TOP
DIV	DIVISION	MISC	MISCELLANEOUS	TJ OR T.O.	TOP OF
DL	DEAD LOAD	MOD	MODIFICATION	TBD	TO BE DETERMINED
DN	DOWN	MO	MASONRY OPENING	TEMP	TEMPERATURE
DR	DOOR	MP	METAL PANEL	TH	THICK
DWG	DRAWING	MS	METAL STUD	THRD	THREAD / THREADED
DWL	DOWEL	MTD	MOUNTED	TOB	TOP OF BLOCK
"E"		MTL	METAL	TOD	TOP OF DUCT
EL	EXPANSION JOINT	"N"		TOF	TOP OF FOOTING
EA	EACH	N	NORTH	TOL	TOP OF LOUVER
EF	EACH FACE	N/A	NOT APPLICABLE	TOS	TOP OF SLAB
EL	ELEVATION	NC	NON COMBUSTIBLE	TOT	TOTAL
ELEC	ELECTRIC / ELECTRICAL	NF	NEAR FACE	TOW	TOP OF WALL
ENGR	ENGINEER	NIC	NOT IN CONTRACT	TYP	TYPICAL
EP	ESCAPE PIPING	NO. OR #	NUMBER		
EQ	EQUAL	NOM	NOMINAL	UON	UNLESS OTHERWISE NOTED
EQUIP	EQUIPMENT	NS	NEAR SIDE	U/S	UNDERSIDE
EQUIV	EQUIVALENT	NTS	NOT TO SCALE	"V"	
ES	EXPOSED STRUCTURE	"O"		VCT	VINYL COMPOSITION TILE
EW	EACH WAY	OC	ON CENTER	VERT	VERTICAL
EXC	EXCAVATION	O.F.	OUTSIDE FACE	VP	VENT PIPE
EXF	EXHAUST FAN	OH	OVERHEAD		
EXS	EXHAUST STACK	OPNG	OPENING	W/O	WITHOUT
EXH	EXHAUST	OPP	OPPOSITE	W/	WITH
EXP STR	EXPOSED STRUCTURE			W	WEST
EXIST OR EX	EXISTING			WD	WOOD
EXP	EXPANSION / EXPOSED			WF	WATER FOUNTAIN
EXT	EXTERIOR			WLD	WELD / WELDED
"F"				WP	WATER PROOFING
FAC	FACILITY			WT	WEIGHT
FD	FLOOR DRAIN / FOOTING DRAIN				
FDN	FOUNDATION				
FE	FIRE EXTINGUISHER				
FF	FACTORY FINISH				
FFE	FINISH FLOOR ELEVATION				
FIN GR	FINISHED GRADE				
FIN FL	FINISHED FLOOR				
FIXT	FIXTURE				
FIN	FINISH				
FL OR FLR	FLOOR				
FR	FRAME				
FS	FLUE STACK				
FT	FEET				
FTG	FOOTING				
FV	FIELD VERIFY				

ARCHITECTURAL GRAPHIC CONVENTIONS



ARCHITECTURAL SYMBOLS



BID SET

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DESIGNED BY:
E. CLAASSEN

DRAWN BY:
S. KINARD

CHECKED BY:
F.E. GOSHOW

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER

MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

ARCHITECTURAL
GENERAL NOTES & SYMBOLS

DATE: MAY 2023

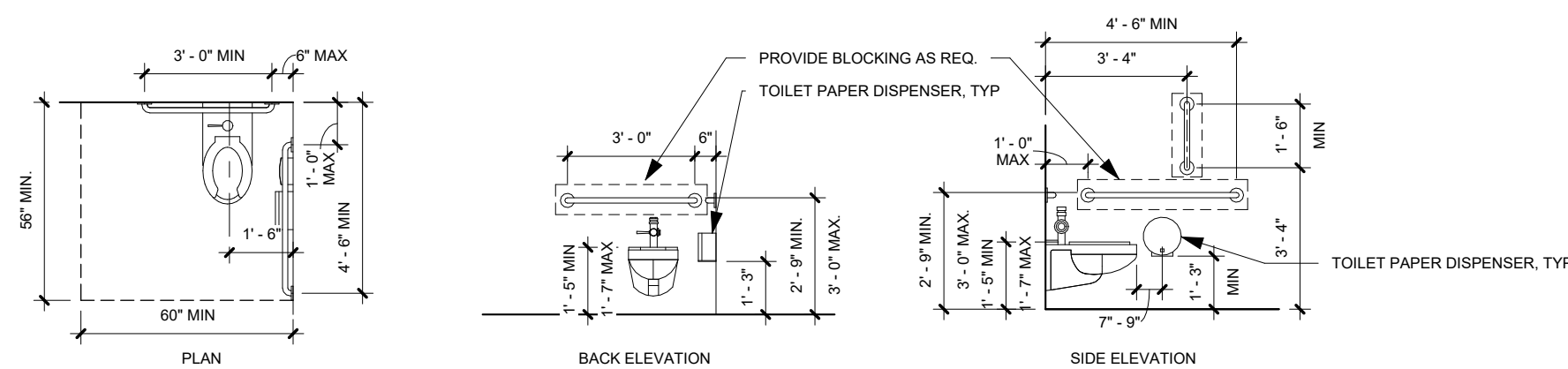
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SHEET NO:
60 OF NO. 121

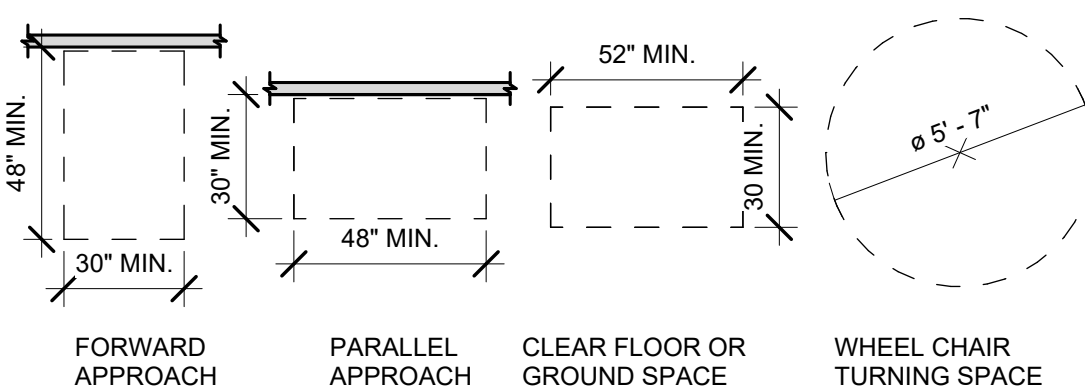
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GA-001

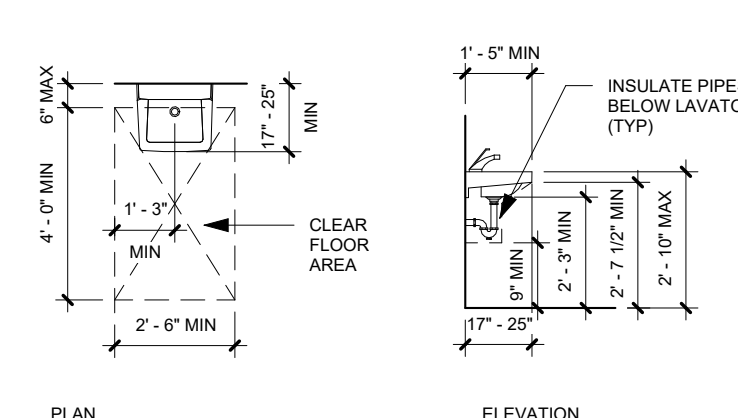
ACCESSIBILITY DIAGRAMS



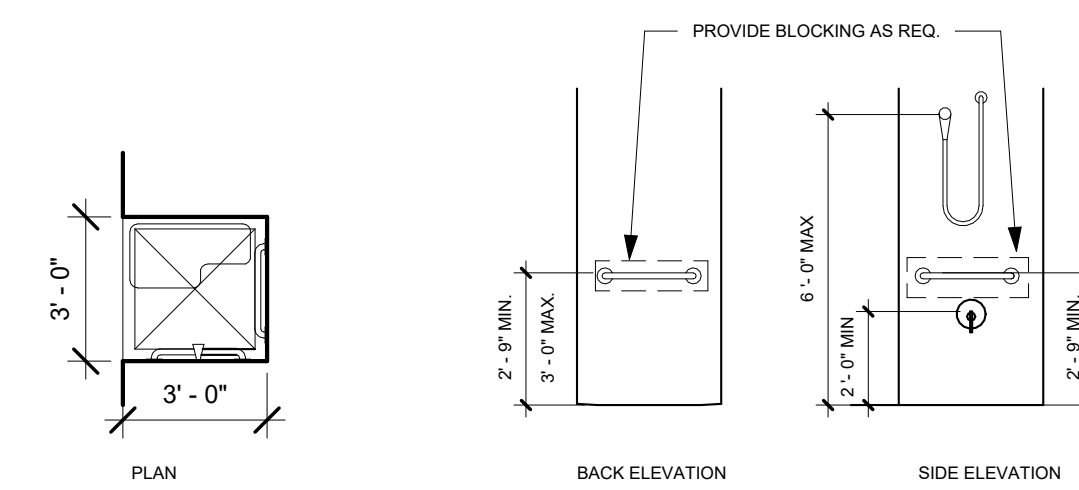
TYPICAL ACCESSIBLE CLEARANCES - WALL HUNG TOILET



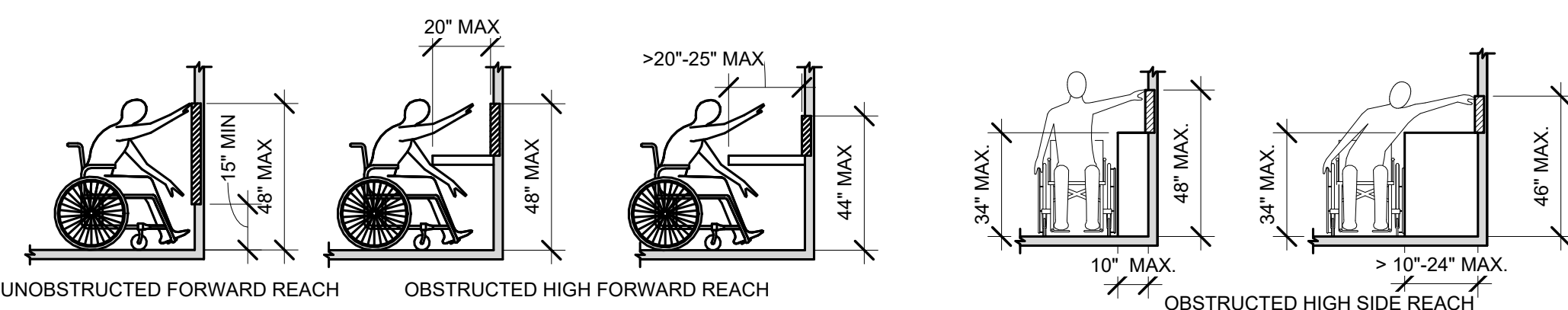
POSITION OF CLEAR FLOOR OR GROUND SPACE



TYPICAL ACCESSIBLE LAVATORY

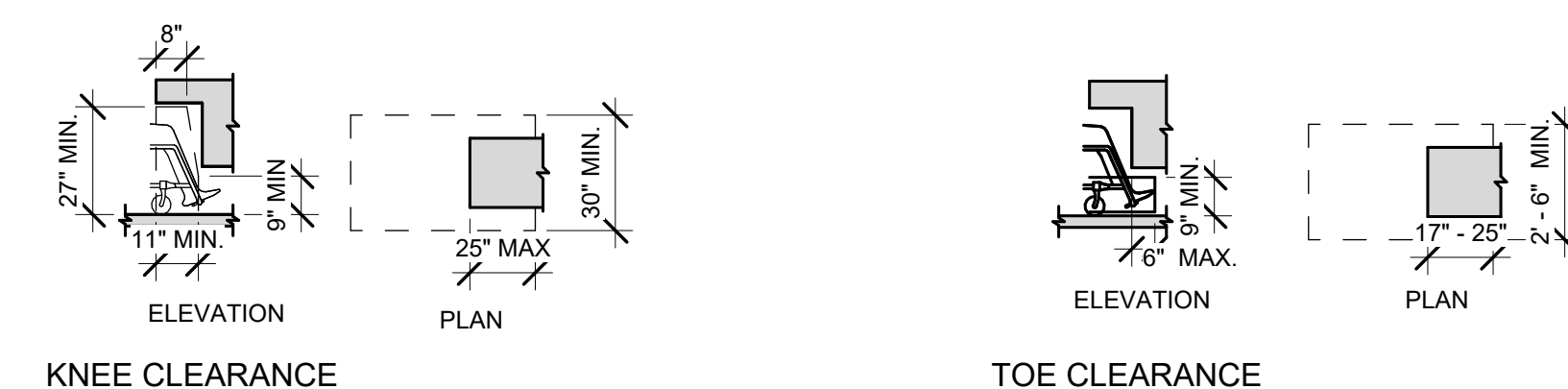
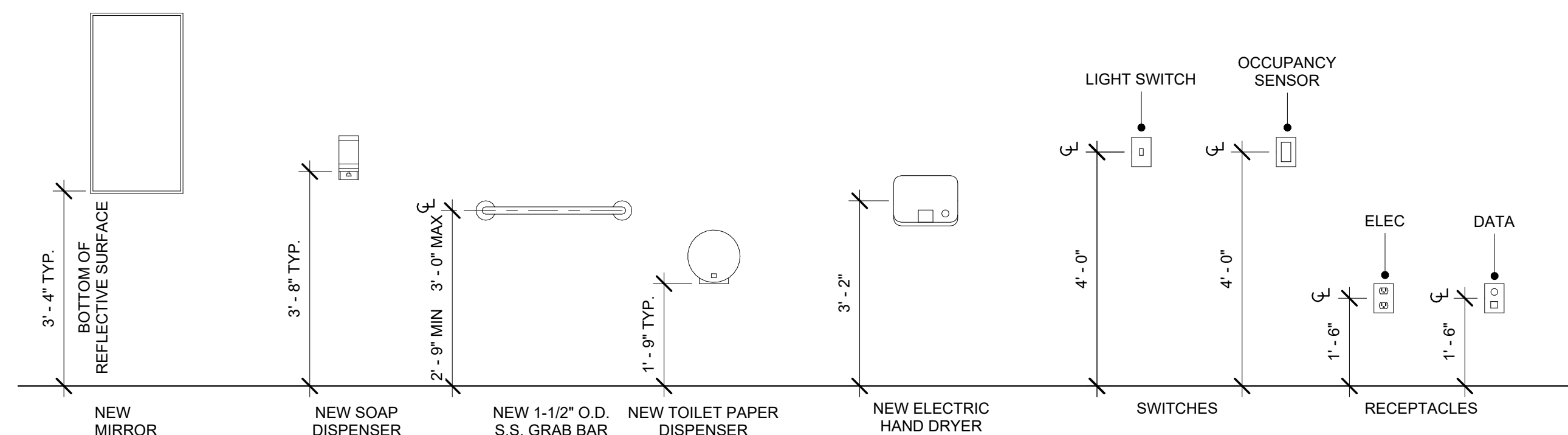


TYPICAL ACCESSIBLE SHOWER



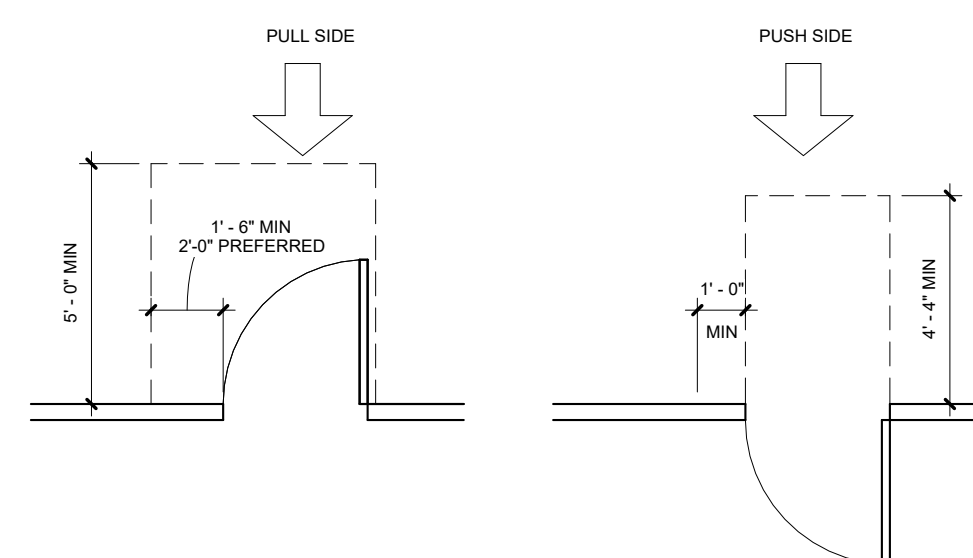
FORWARD REACH

TYPICAL MOUNTING HEIGHTS

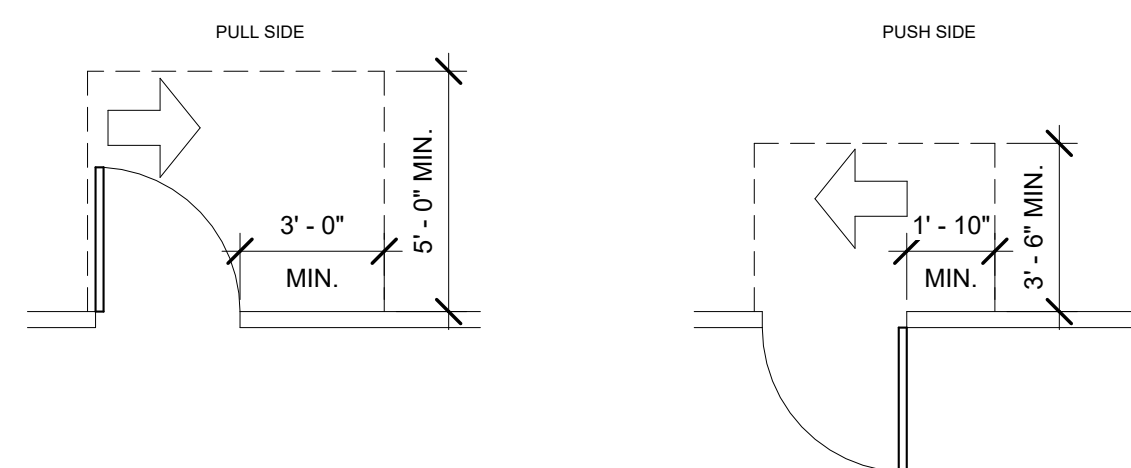


KNEE CLEARANCE

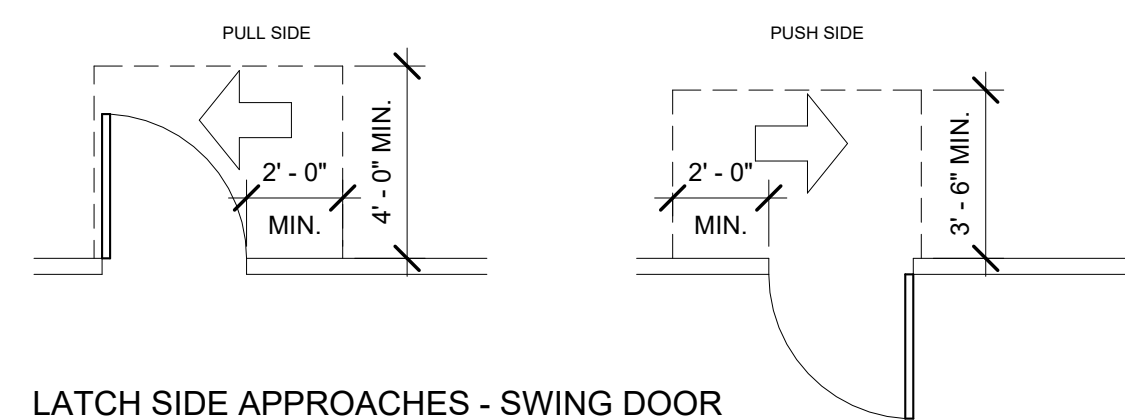
TOE CLEARANCE



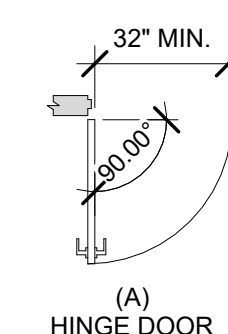
HINGE FRONT APPROACHES - SWING DOOR



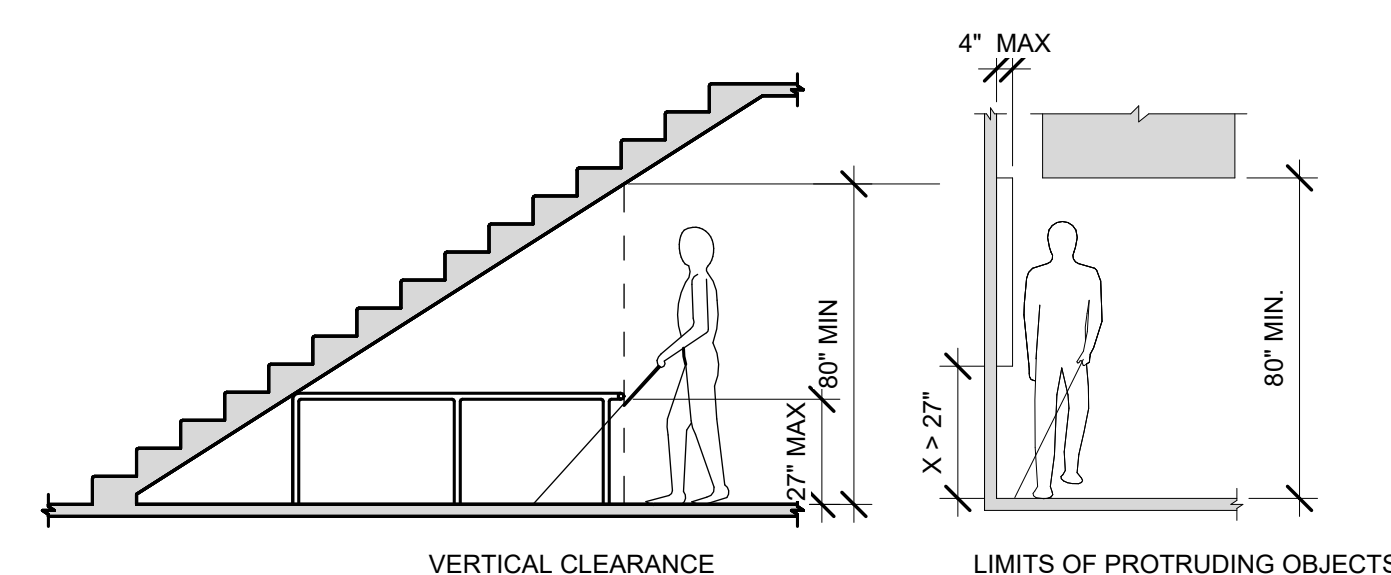
HINGE SIDE APPROACHES - SWING DOOR



LATCH SIDE APPROACHES - SWING DOOR

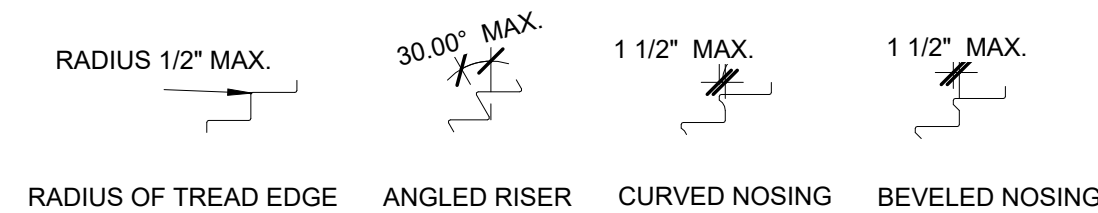


CLEAR WIDTH OF DOORWAYS

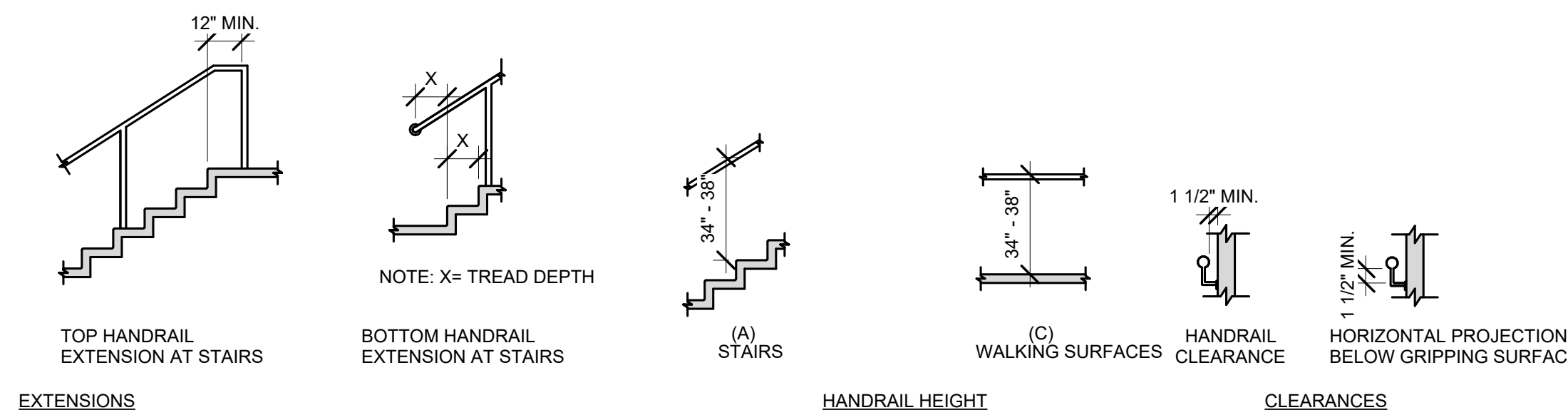


VERTICAL CLEARANCES

LIMITS OF PROTRUDING OBJECTS



STAIR NOSING



EXTENSIONS

HANDRAILS

HANDRAIL HEIGHT

CLEARANCES

Autodesk Docs/00290-03A_CAT-423 WC-03A Region of Kenisco Lab/00290-03A_A_KLBI.rvt 5/5/2023 10:45:16 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.
Hazen	



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

ARCHITECTURAL
ACCESSIBILITY DETAILS

DATE: MAY 2023
SCALE:
SHEET NO: 61 OF No. 121
DRAWING NO. GA-002

CODE ANALYSIS		
APPLICABLE CODES: 2020 EXISTING BUILDING CODE OF NEW YORK STATE (EBCNYS) 2020 BUILDING CODE OF NEW YORK STATE (BCNYS) 2020 FIRE CODE OF NEW YORK STATE (FCNYS), NFPA 70 2009 ICC ANSI A117.1		
CODE REFERENCE	REQUIREMENT	PROVIDED
PROVISIONS FOR ALL COMPLIANCE METHODS / EBCNYS CHAPTER 3		
ALTERATION, ADDITION, OR CHANGE OF OCCUPANCY (EBCNYS 301.3)	WORK AREA COMPLIANCE METHOD (EBCNYS 301.3.2)	WORK AREA EXCEEDS 50% OF THE BUILDING AREA = ALTERATION LEVEL 3 (EBCNYS 604)
USE AND OCCUPANCY CLASSIFICATION / BCNYS CHAPTER 3		
OCCUPANCY AND USE SHALL BE DETERMINED IN ACCORDANCE WITH CHAPTER 3 OF THE BUILDING CODE OF NEW YORK STATE (EBCNYS 302.6)	OCCUPANCY CLASSIFICATION (BCNYS 302.1)	GROUP B - BUSINESS
TYPES OF CONSTRUCTION / BCNYS CHAPTER 6		
FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS / BCNYS-TABLE 601	TYPE IIB - NONCOMBUSTIBLE	TYPE IIB - NONCOMBUSTIBLE
PRIMARY STRUCTURAL FRAME BEARING WALLS EXTERIOR INTERIOR NONBEARING WALLS AND PARTITIONS EXTERIOR INTERIOR FLOOR CONSTRUCTION ROOF CONSTRUCTION	FIRE RESISTANCE (0) HOURS (0) HOURS (0) HOURS (0) HOURS (0) HOURS (0) HOURS (0) HOURS	FIRE RESISTANCE (0) HOURS (0) HOURS (0) HOURS (0) HOURS (0, 1) HOURS (0) HOURS (0) HOURS
FIRE AND SMOKE PROTECTION FEATURES / BCNYS CHAPTER 7 / EBCNYS SECTION 802		
EXISTING STAIRWAY ENCLOSURE (EBCNYS 903.1) GROUP B OCCUPANCY (EBCNYS 802.2.1)	MIN. 30 MINUTE FIRE RESISTANCE RATED ENCLOSURE	1 HR FIRE RESISTANCE RATED ENCLOSURE
SHAFT AND FLOOR OPENING ENCLOSURES (EBCNYS 802.2.2)	MIN. 30 MINUTE FIRE RESISTANCE RATING	1 HR FIRE RESISTANCE RATED ENCLOSURE
SUPPLEMENTAL STAIRWAY ENCLOSURE REQUIREMENTS (EBCNYS 802.2.3)	SMOKE-TIGHT CONSTRUCTION	PROVIDED
INTERIOR FINISHES / BCNYS CHAPTER 8		
INTERIOR FINISHES OF WORK AREA SHALL COMPLY WITH REQUIREMENTS OF THE BUILDING CODE ON NEW YORK STATE (EBCNYS 802.4)	GROUP B, NON-SPRINKLERED	CLASS A CLASS B CLASS C
INTERIOR EXIT STAIRWAYS AND EXIT PASSAGEWAYS CORRIDORS AND ENCLOSURES FOR EXIT ACCESS STAIRWAYS AND RAMPS ROOMS AND ENCLOSED SPACES WITHIN WORK AREA	CLASS A CLASS B CLASS C	CLASS A CLASS B CLASS C
INTERIOR FLOOR FINISH (BCNYS 804.4.2)	CLASS II	CLASS II
WINDOW TRIM / COMBUSTIBLE DECORATIVE MATERIALS (BCNYS 806.7)	TEST 1 OR 2, NFPA 701	TEST 1 OR 2, NFPA 701
INTERIOR CEILING HEIGHT OF NEW OCCUPIABLE SPACES & CORRIDORS (EBCNYS 801.3)	MINIMUM 7 FEET	7 FEET MIN.
FIRE PROTECTION AND LIFE SAFETY SYSTEMS / BCNYS CHAPTER 9		
AUTOMATIC SPRINKLER SYSTEMS - THE WORK AREA IS REQUIRED TO BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE AS APPLICABLE TO NEW CONSTRUCTION (EBCNYS 803.2.2)	GROUP B - NOT REQUIRED (BCNYS 903)	NOT SPRINKLERED
MEANS OF EGRESS / BCNYS CHAPTER 10 / EBCNYS SECTION 805		
OCCUPANT LOAD / BCNYS TABLE 1004.5 (EBCNYS 805.3.1)		
BUSINESS AREAS 150 GROSS ACCESSORY STORAGE / MECH 300 GROSS ASSEMBLY UNCONCENTRATED 15 NET LOCKER ROOMS 50 GROSS	SECOND FLOOR ELEC. CLOSET 66 SF / 300 1 OCC CONFERENCE RM 164 SF / 15 11 OCC BUSINESS AREA 1660 SF / 150 23 OCC FIRST FLOOR CONFERENCE RM 452 SF / 15 31 OCC MEN'S LOCKERS 87 SF / 50 2 OCC WOMEN'S LOCKERS 56 SF / 50 2 OCC BUSINESS AREA 2850 SF / 150 19 OCC 54 OCC CELLAR 1197 SF / 300 4 OCC	
MEANS OF EGRESS LIGHTING (EBCNYS 905.2) EXIT SIGNS (EBCNYS 905.3)	REQUIRED	REQUIRED IF EXIT/CORRIDOR SERVES > 30 OCCUPANTS
NUMBER OF EXITS (EBCNYS 805.3, 805.1)	AS REQUIRED BY BUILDING CODE AT ORIGINAL CONSTRUCTION DATE	1ST FLOOR: ADD (1) EXIT; TOTAL (3) EXITS 2ND FLOOR: MAINTAIN EXIT QUANTITY; TOTAL (1) EXIT
EGRESS DOORWAYS (EBCNYS 805.4)	(2) EGRESS DOORWAYS REQUIRED FOR ANY ROOM WITH: OCCUPANT LOAD > 50 PERSONS, OR TRAVEL DISTANCE TO EXIT > 75 FEET	OCCUPANT LOAD FOR ANY ROOM DOES NOT EXCEED 50 GREATEST TRAVEL DISTANCE TO EXIT: 72 FEET
CAPACITY OF NEW EXITS (BCNYS 1005.3) STAIRWAYS	0.3" / OCC (0.3" X 29 OCC = 8.7") 36" MINIMUM (BCNYS 1011.2 EXCEPTION 1)	
OTHER EGRESS COMPONENTS	0.2" / OCC (0.2" X 55 = 11") DOORS - 32" MIN. CLEAR (BCNYS 1010.1.1) CORRIDORS - 44" MIN. (BCNYS TABLE 1020.2)	
DEAD-END CORRIDORS (EBCNYS 805.6)	MAXIMUM 35 FEET IN WORK AREA	23 FEET MAX.
HANDRAILS (EBCNYS 805.9.1)	REQUIRED FOR ANY EXIT STAIR ≥ 3 RISERS	PROVIDED
GUARDS (EBCNYS 805.11)	REQUIRED FOR ANY PORTION OF FLOOR > 30 INCHES ABOVE FLOOR OR GRADE BELOW	PROVIDED
ACCESSIBILITY / BCNYS CHAPTER 11		
A FACILITY THAT IS ALTERED SHALL COMPLY WITH CHAPTER 11 OF THE BUILDING CODE OF NEW YORK STATE (EBCNYS 305.6)		PROVIDED

ENERGY CODE COMPLIANCE NOTES

EBCNYS SECTION 907.1: ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE NEW YORK STATE ENERGY CONSERVATION CODE AS IT RELATES TO NEW CONSTRUCTION ONLY.

REFERENCED CODES:
 • 2020 NEW YORK STATE ENERGY CONSERVATION CODE (NYSECC)
 • ASHRAE 90.1-2013

CLIMATE ZONE: 4A (NYSECC C301.1)

OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS (NYSECC TABLE C402.1.3)

WALLS, ABOVE GRADE	R-9.5ci	MASS
WALLS, BELOW GRADE	R-7.5 ci	
FLOORS	R-10 ci	MASS
SLAB-ON-GRADE	R-10, 24"	UNHEATED SLAB

BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS (NYSECC TABLE C402.4)

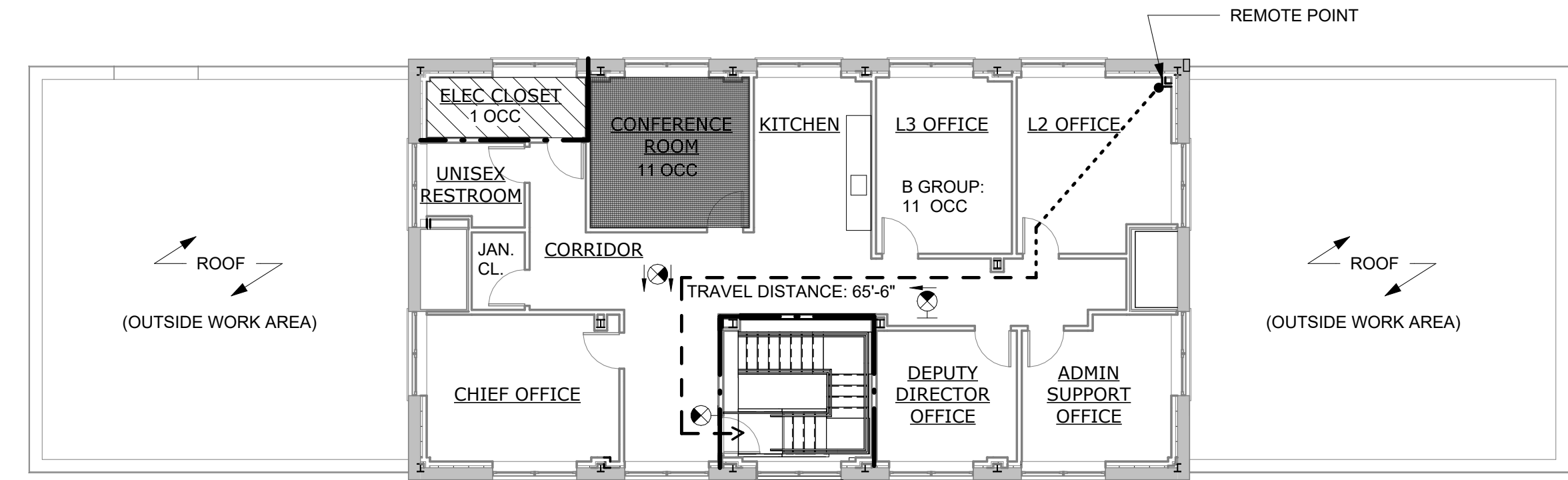
FIXED FENESTRATION	U-0.38
ENTRANCE DOORS	U-0.77
SHGC (PF<0.2)	0.40

PROFESSIONAL STATEMENT:
 TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE SUBMITTED PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 'ENERGY CODE.'

TO ALL PLANS, SPECIFICATIONS, AND REPORTS TO WHICH THE SEAL OF AN ARCHITECT HAS BEEN APPLIED, THERE SHALL ALSO BE APPLIED A STAMP WITH APPROPRIATE WORDING WARNING THAT IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT IS ALTERED, THE ALTERING ARCHITECT SHALL AFFIX TO HIS ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

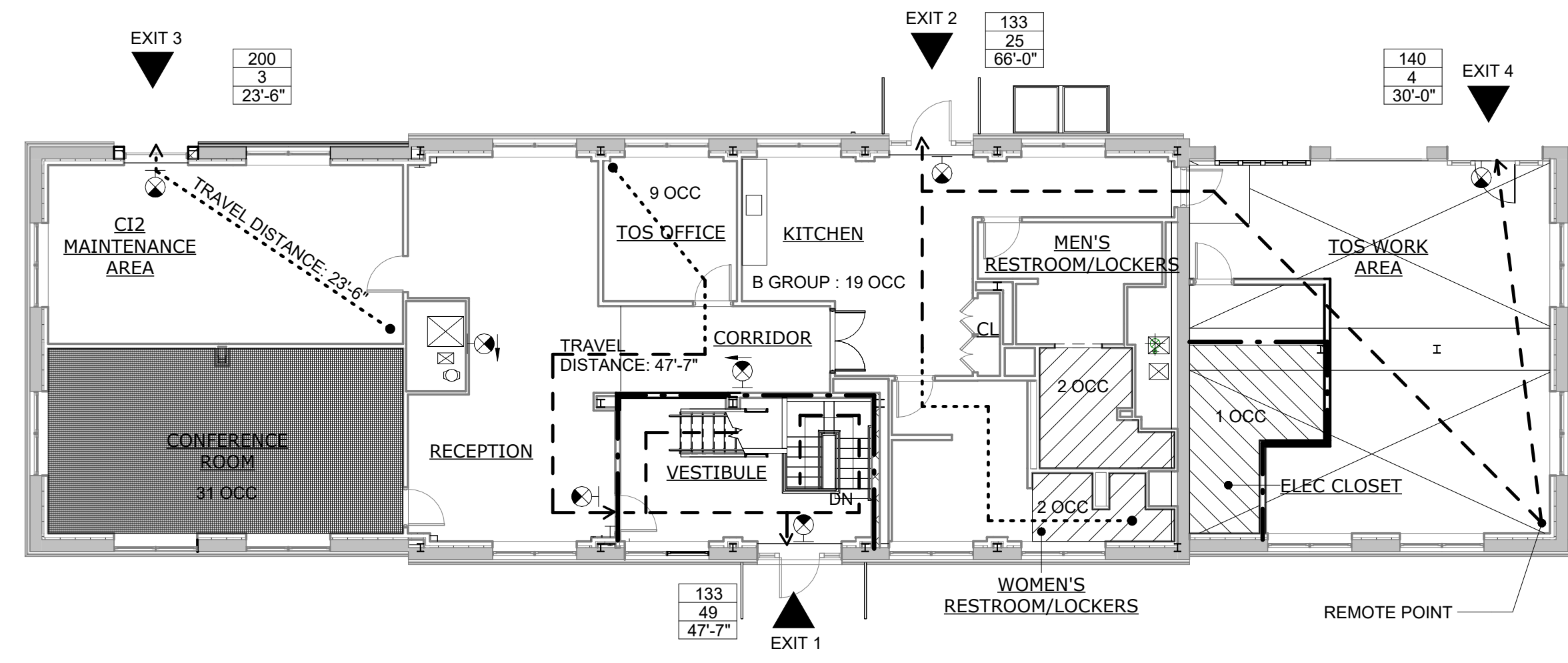
LEGEND

- 1 HR FIRE RATING
- - - - - COMMON PATH OF EGRESS TRAVEL
- ← - - - - EGRESS PATH TRAVEL DISTANCE
- EXIT SIGN
- xxx ● ALLOWABLE OCCUPANTS
- xxx ● CALCULATED OCCUPANTS
- xxx ● TRAVEL DISTANCE
- F.E. FIRE EXTINGUISHER
- BUSINESS: 150 SF GROSS
- ▨ ASSEMBLY (UNCONCENTRATED): 15 SF NET
- ▧ LOCKERS: 50 SF GROSS
- ▩ ACCESSORY STORAGE/MECH: 300 SF GROSS



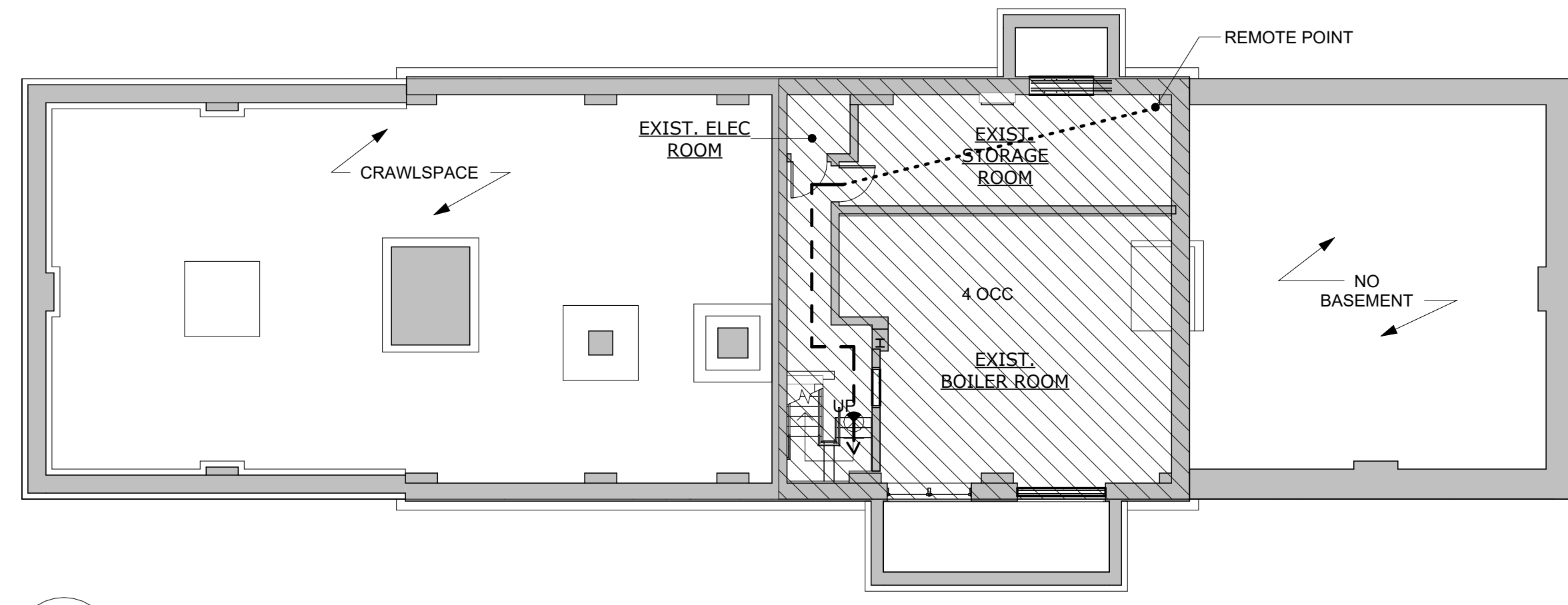
1 SECOND FLOOR CODE ANALYSIS

GA-003 SCALE: 3/32" = 1'-0"



2 FIRST FLOOR CODE ANALYSIS

GA-003 SCALE: 3/32" = 1'-0"



3 CELLAR CODE ANALYSIS

GA-003 SCALE: 3/32" = 1'-0"

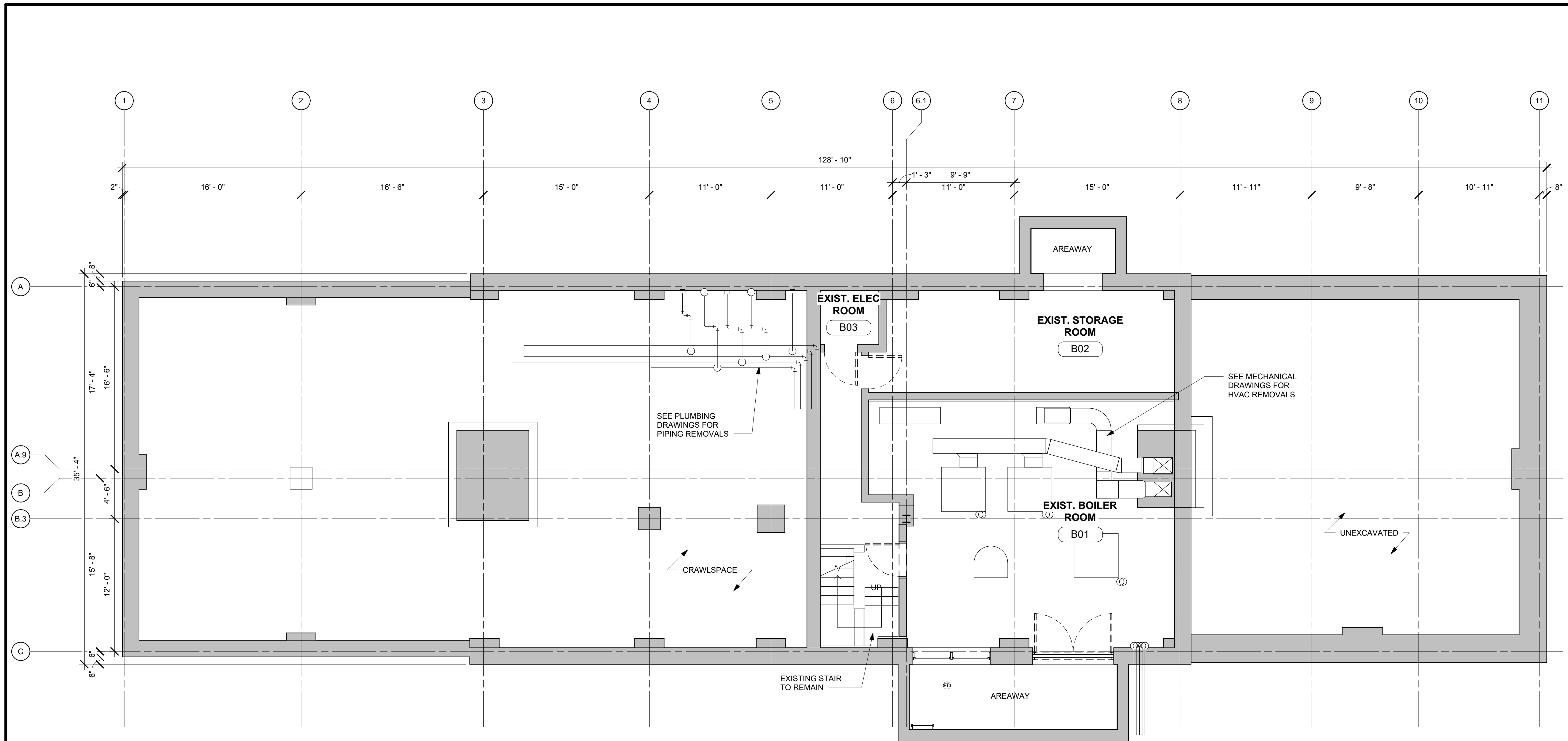
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NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dwp	REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 ARCHITECTURAL CODE ANALYSIS	
ACCOUNTABLE MANAGER JOSE NIEVES PORTFOLIO MANAGER MARK DELBALZO, P.E.	"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION, 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2."	DATE: MAY 2023 SCALE: SHEET NO: 62 OF No. 121 DRAWING NO. GA-003

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CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.



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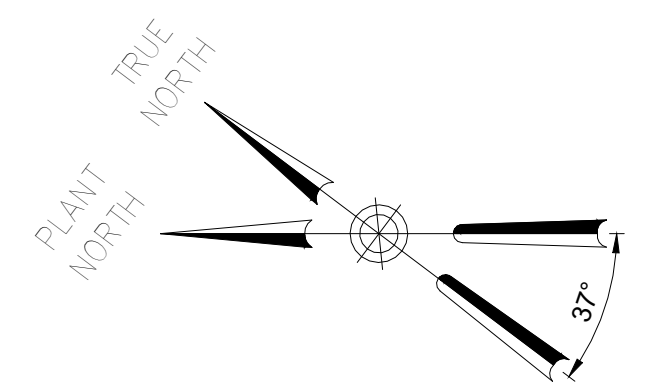


1 DEMOLITION PLAN - CELLAR
 DA-100 SCALE: 3/16" = 1'-0"



- NOTES:
- EXISTING DIMENSIONS TO BE VERIFIED IN FIELD
 - REFER TO HAZMAT DRAWINGS FOR HAZARDOUS MATERIALS REMOVALS

- LEGEND
- EXISTING CONSTRUCTION TO REMAIN
 - EXISTING PARTITION TO BE REMOVED
 - EXISTING DOOR TO BE REMOVED
 - EXISTING STEEL COLUMN TO REMAIN

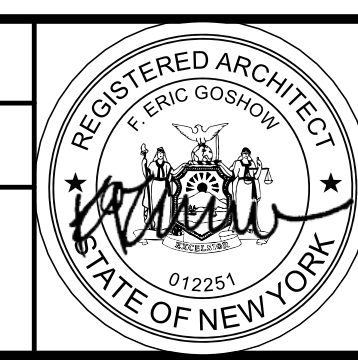


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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 63 OF No. 121 DRAWING NO. DA-100
ARCHITECTURAL DEMOLITION PLAN - BASEMENT	

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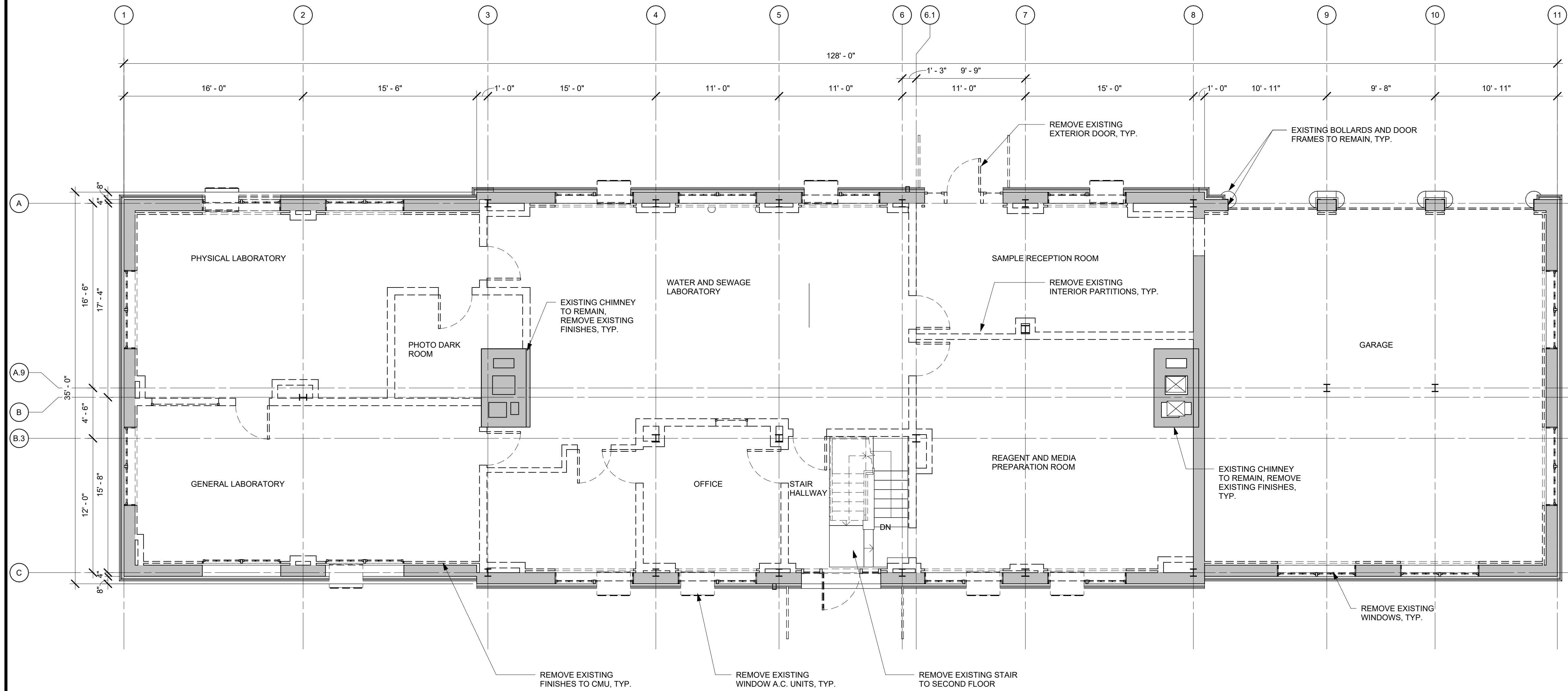


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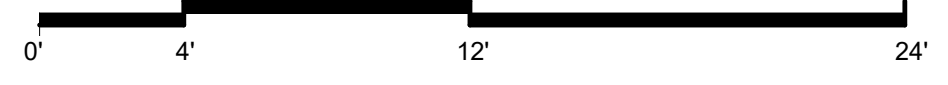
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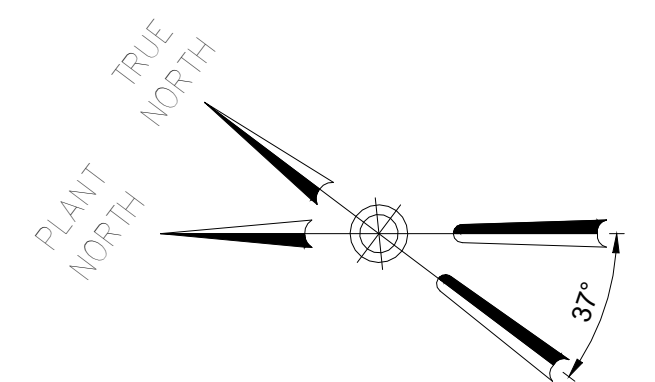
1 DEMOLITION PLAN - FIRST FLOOR

DA-101 SCALE: 3/16" = 1'-0"



- NOTES:
- EXISTING DIMENSIONS TO BE VERIFIED IN FIELD
 - REFER TO DETAILED SPECIFICATION 01355 FOR HAZARDOUS MATERIALS REMOVALS

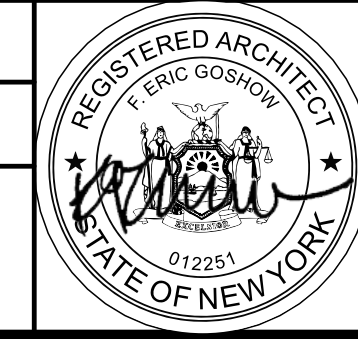
- LEGEND
- EXISTING CONSTRUCTION TO REMAIN
 - EXISTING PARTITION TO BE REMOVED
 - EXISTING DOOR TO BE REMOVED
 - EXISTING STEEL COLUMN TO REMAIN



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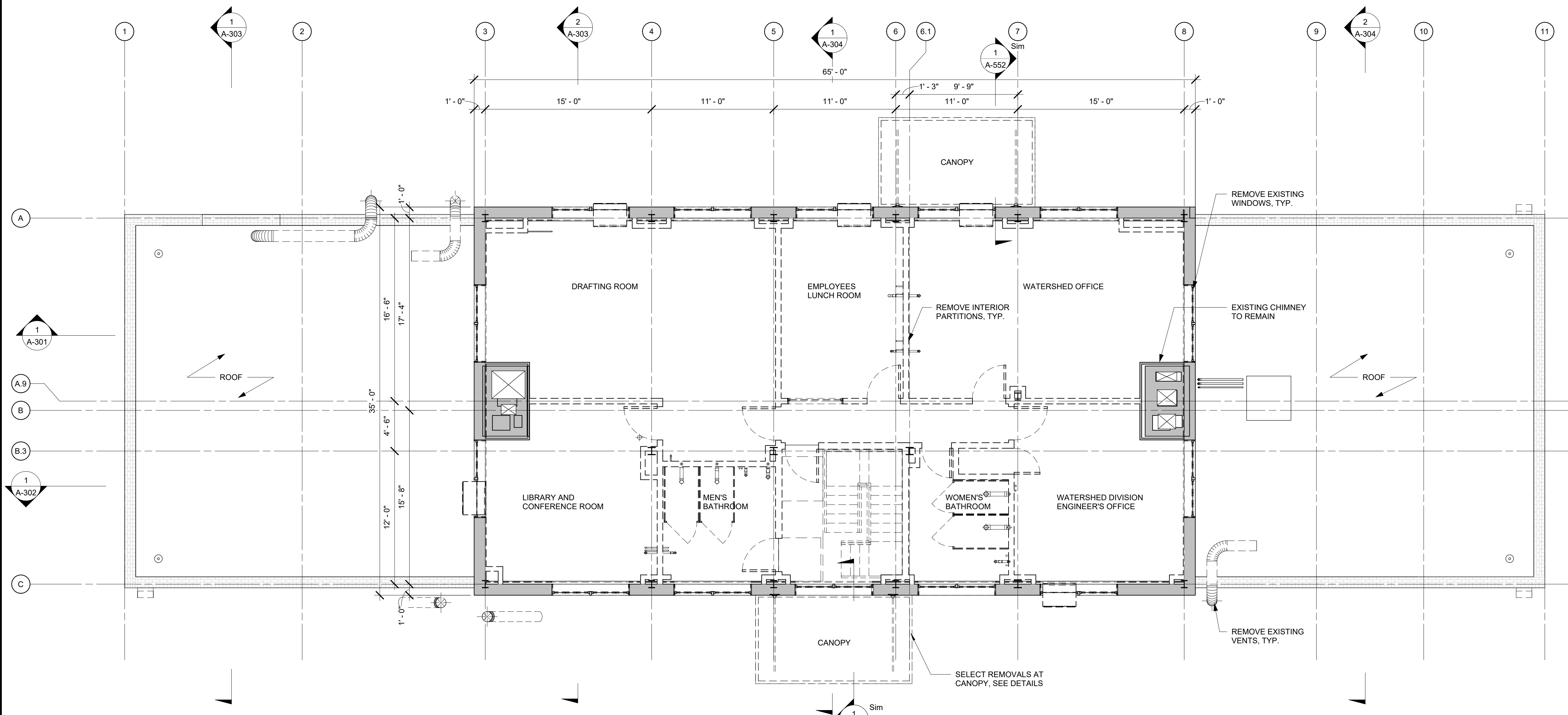
REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

ARCHITECTURAL
DEMOLITION PLAN - FIRST FLOOR

DATE: MAY 2023
SCALE:
SHEET NO: 64 OF No. 121
DRAWING NO. DA-101

Autodesk Docs/00290-03A_CAT-423 WC-03A Region of Kensico Lab/00290-03A_A_KLB.rvt 5/5/2023 10:44:54 AM

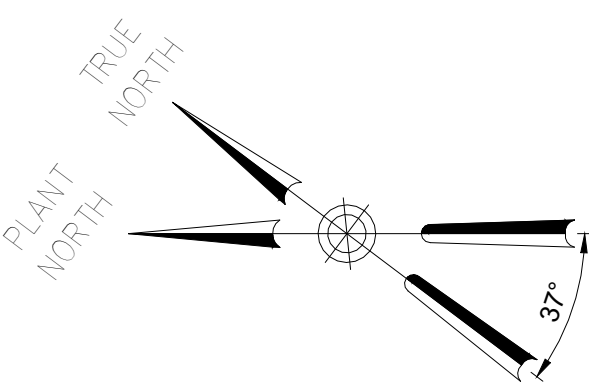
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1 DEMOLITION PLAN - SECOND FLOOR
 DA-102 SCALE: 3/16" = 1'-0"

NOTES:
 1. EXISTING DIMENSIONS TO BE VERIFIED IN FIELD
 2. REFER TO HAZMAT DRAWINGS FOR HAZARDOUS MATERIALS REMOVALS

- LEGEND**
- EXISTING CONSTRUCTION TO REMAIN
 - EXISTING PARTITION TO BE REMOVED
 - EXISTING DOOR TO BE REMOVED
 - EXISTING STEEL COLUMN TO REMAIN



BID SET	GRAPHIC SCALES CHECK BEFORE USE
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DESIGNED BY:
E. CLAASSEN

CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

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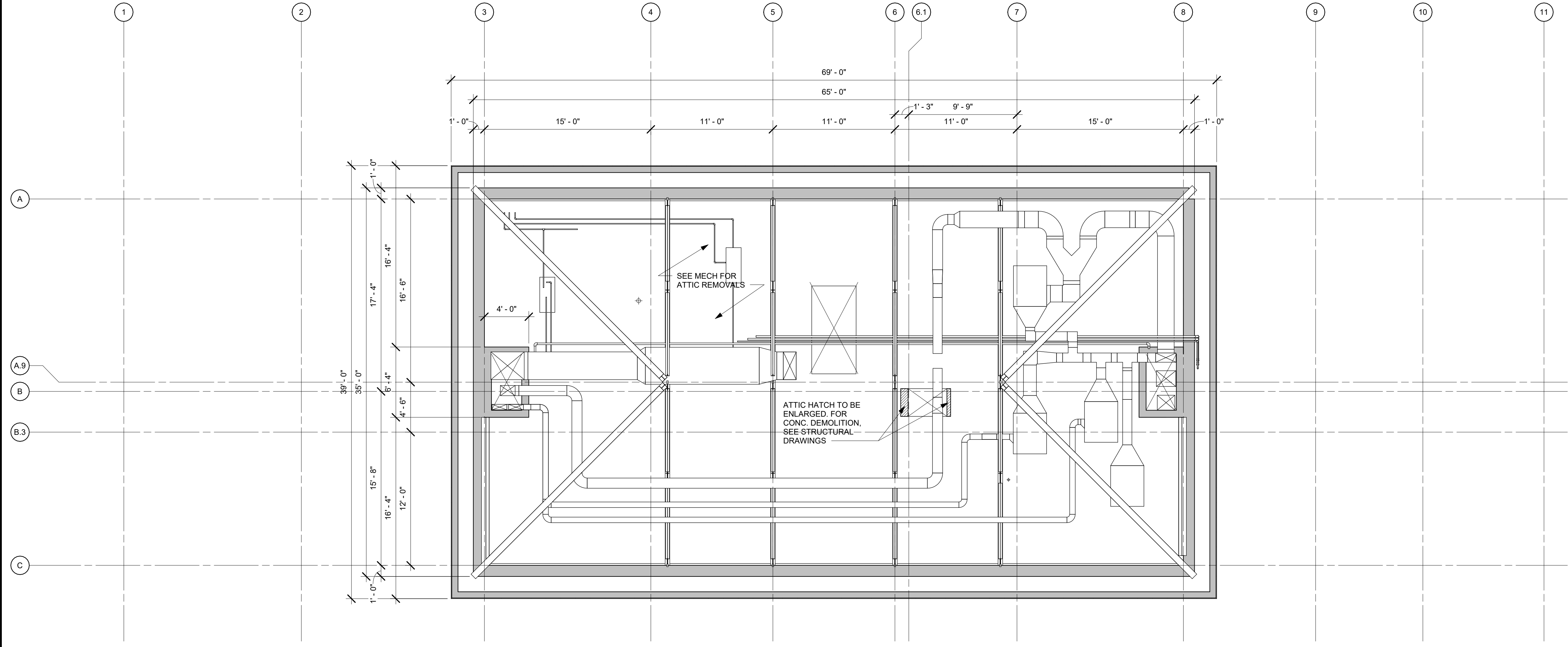
REPURPOSING OF THE KENSICO LABORATORY AS
 THE KENSICO REGIONAL HEADQUARTERS
 MOUNT PLEASANT, NEW YORK
 CONTRACT CRO-624

ARCHITECTURAL
 DEMOLITION PLAN - SECOND FLOOR

DATE: MAY 2023
 SCALE:
 SHEET NO:
65 OF No. 121
 DRAWING NO.
DA-102


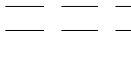


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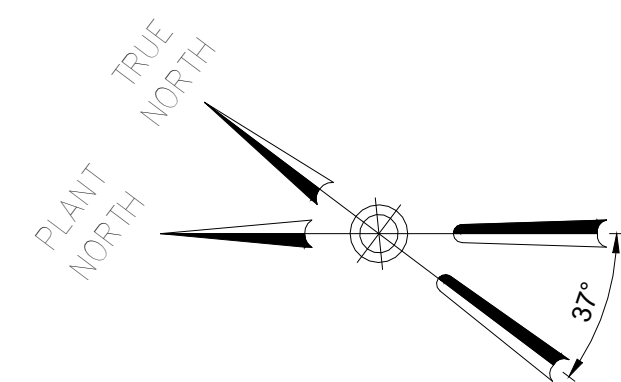
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1 DEMOLITION PLAN - ATTIC
DA-103 SCALE: 3/16" = 1'-0"

NOTES:
1. EXISTING DIMENSIONS TO BE VERIFIED IN FIELD
2. REFER TO HAZMAT DRAWINGS FOR HAZARDOUS MATERIALS REMOVALS

- LEGEND**
-  EXISTING CONSTRUCTION TO REMAIN
 -  EXISTING PARTITION TO BE REMOVED
 -  EXISTING DOOR TO BE REMOVED
 -  EXISTING STEEL COLUMN TO REMAIN



BID SET

GRAPHIC SCALES
CHECK BEFORE USE

IF SHEET IS LESS THAN 22"x34"
IT IS A REDUCED PRINT.
SCALE ACCORDINGLY

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
E. CLAASSEN

DRAWN BY:
S. KINARD

CHECKED BY:
F.E. GOSHOW

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

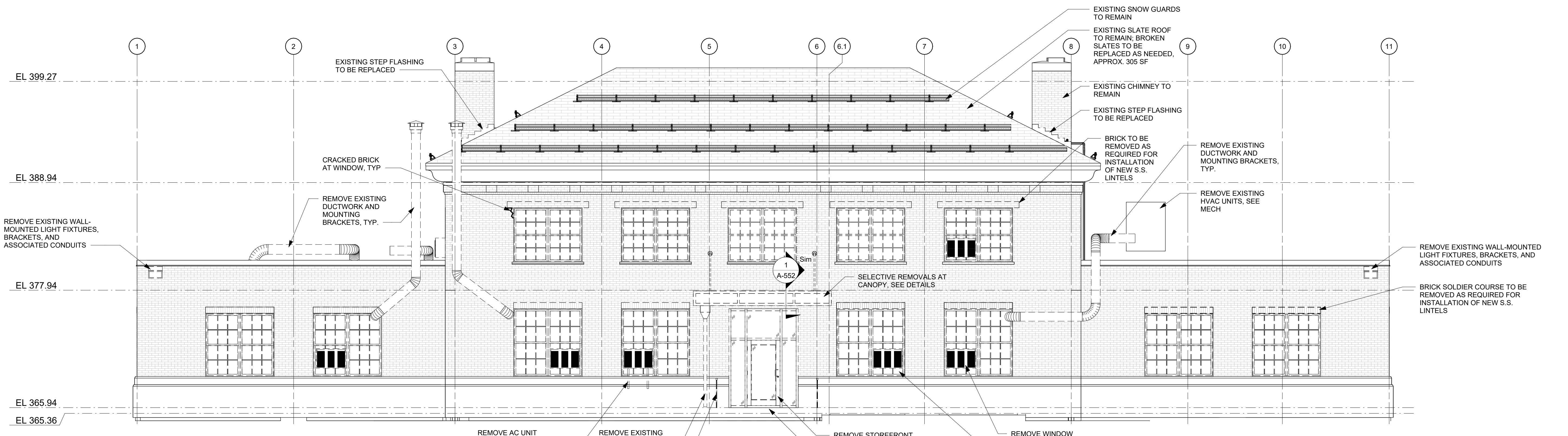
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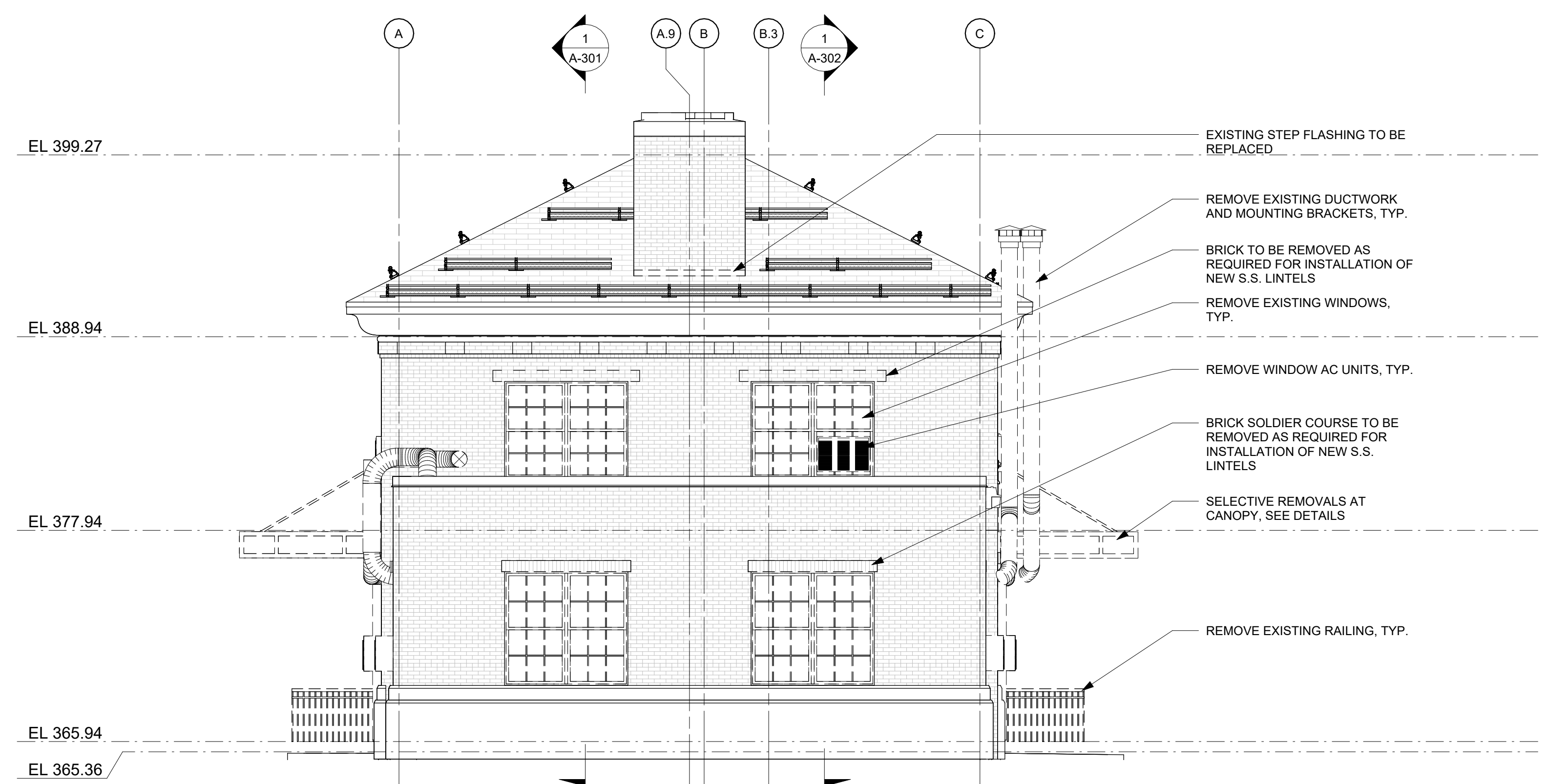
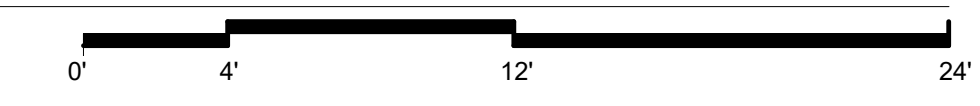
REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

ARCHITECTURAL
DEMOLITION PLAN - ATTIC

DATE: MAY 2023
SCALE:
SHEET NO: 66 OF No. 121
DRAWING NO: DA-103



1 DEMOLITION - WEST ELEVATION
DA-201 SCALE: 3/16" = 1'-0"



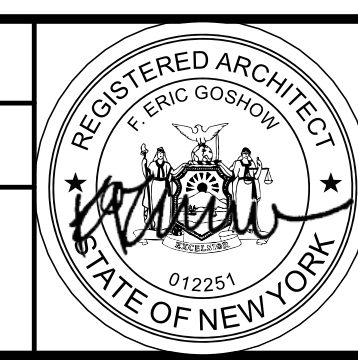
2 DEMOLITION - NORTH ELEVATION
DA-201 SCALE: 3/16" = 1'-0"

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 67 OF No. 121 DRAWING NO. DA-201

Autodesk Docs/00200030A_CAT-423 WC-03A Region of Kenisco Lab/00200030A_A_MLB.rvt
 5/5/2023 10:45:08 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
E. CLAASSEN
 CHECKED BY:
F.E. GOSHOW
 DRAWN BY:
S. KINARD
 DESIGN LEAD:
E. BARBOE, P.E.

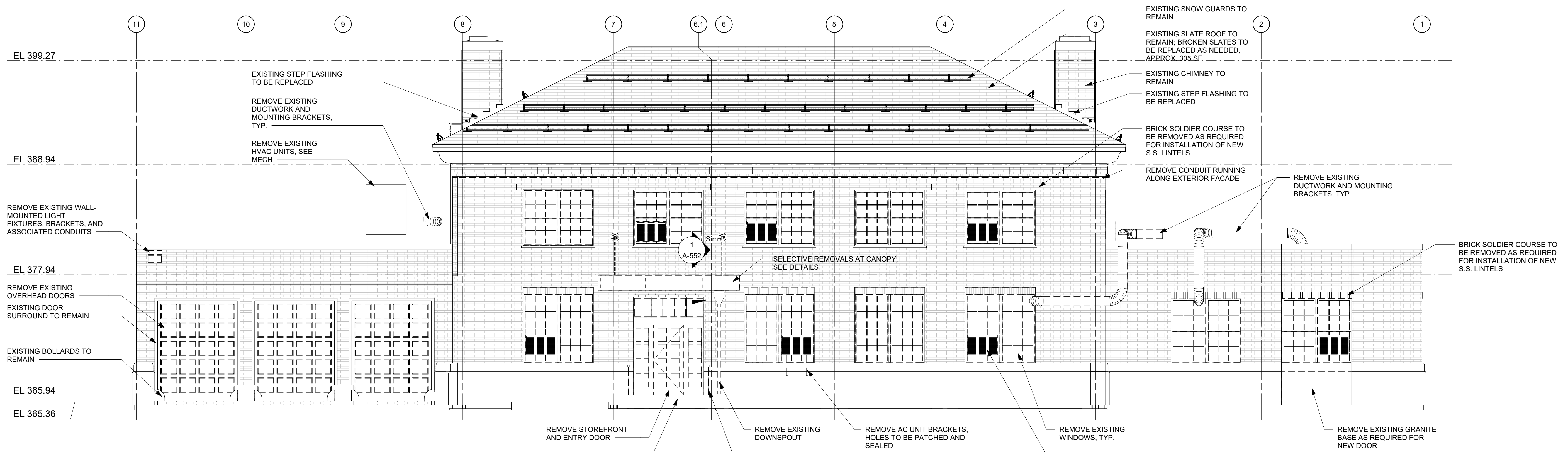


ACCOUNTABLE MANAGER
JOSE NIEVES
 PORTFOLIO MANAGER
MARK DELBALZO, P.E.

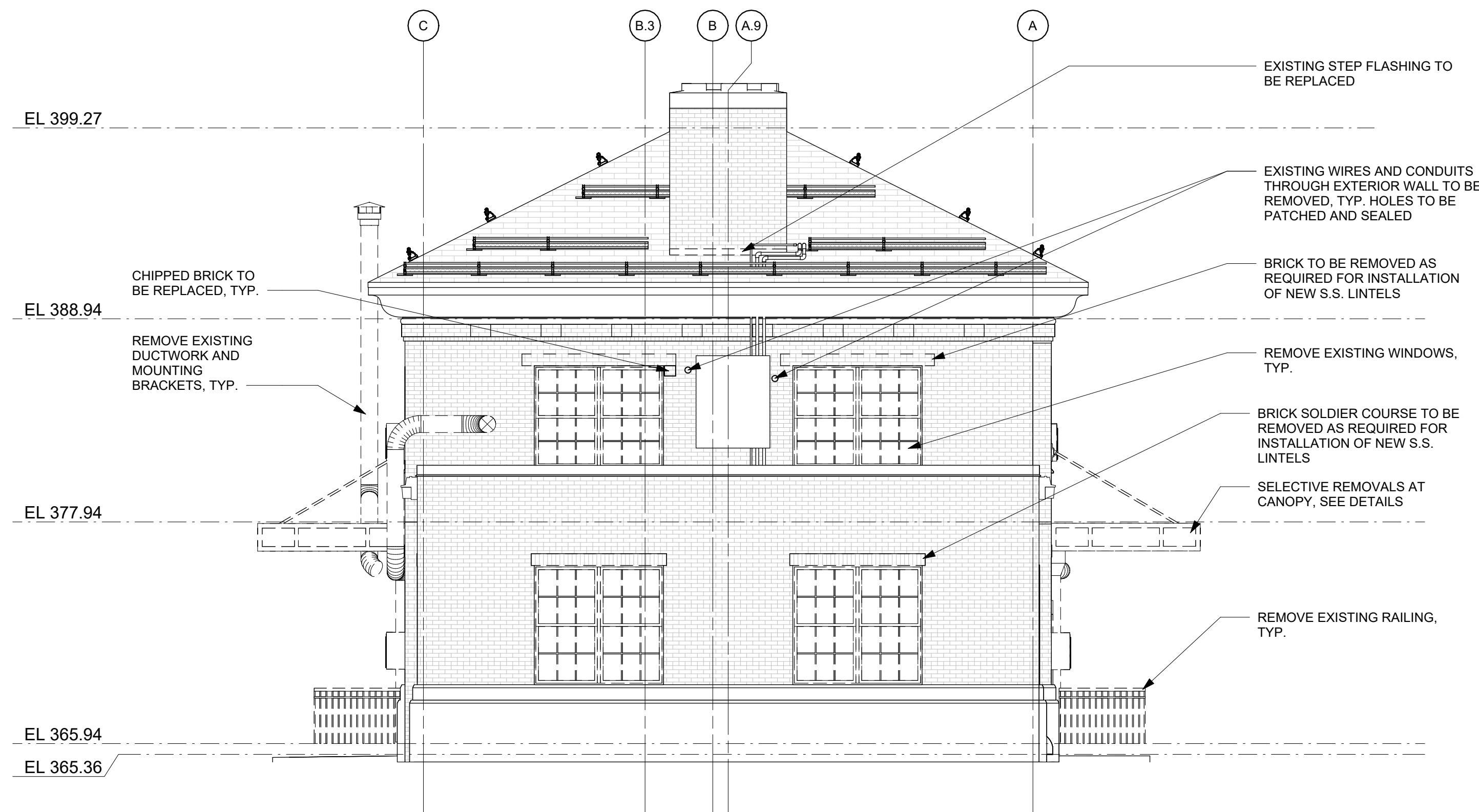
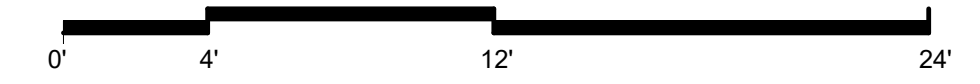
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1 DEMOLITION - EAST ELEVATION
 DA-202 SCALE: 3/16" = 1'-0"



2 DEMOLITION - SOUTH ELEVATION
 DA-202 SCALE: 3/16" = 1'-0"

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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	
ARCHITECTURAL DEMOLITION ELEVATIONS	
DATE: MAY 2023	SHEET NO. 68 OF No. 121
DRAWING NO. DA-202	

NO.	DATE	REVISIONS/DESCRIPTION	APP'R'D

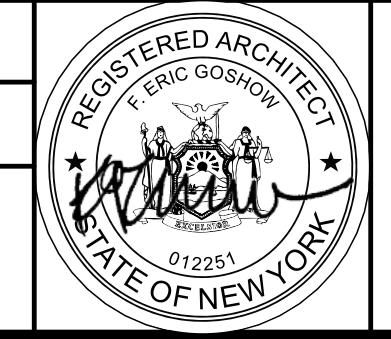
DESIGNED BY:
E. CLAASSEN

DRAWN BY:
S. KINARD

CHECKED BY:
F.E. GOSHOW

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

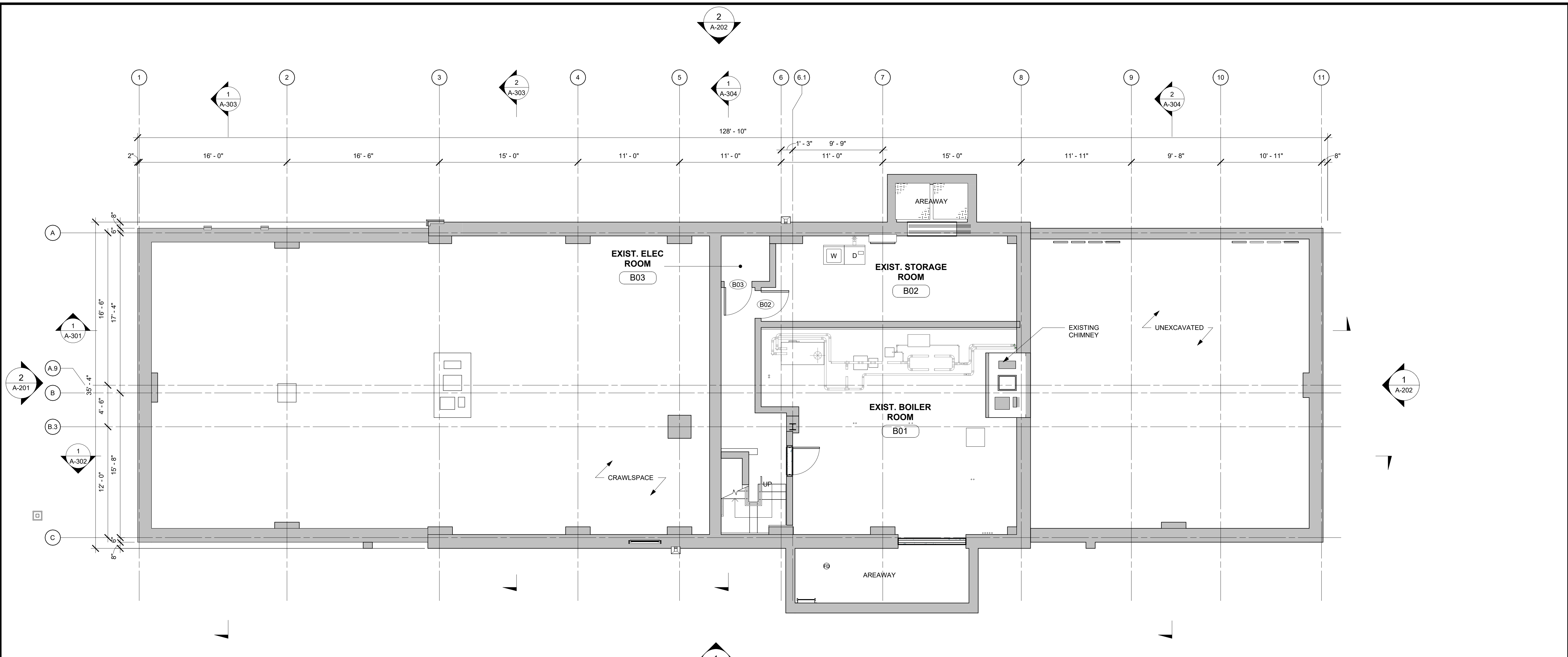
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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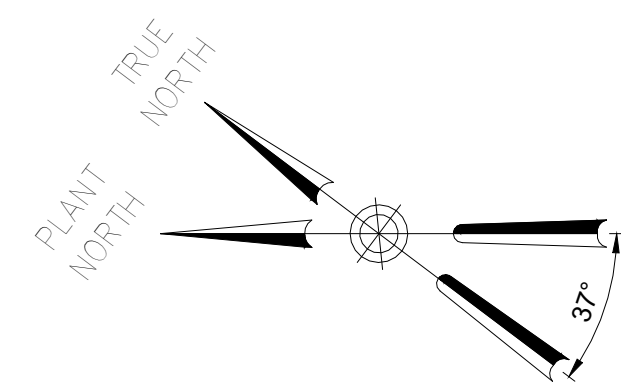
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1 CONSTRUCTION PLAN - CELLAR
 A-100 SCALE: 3/16" = 1'-0"



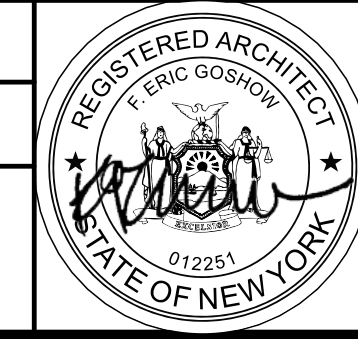
NOTE:
 1. SCRAPER, PATCH, AND PAINT ALL EXISTING WALLS IN BASEMENT



BID SET	GRAPHIC SCALES CHECK BEFORE USE
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.
Hazen	



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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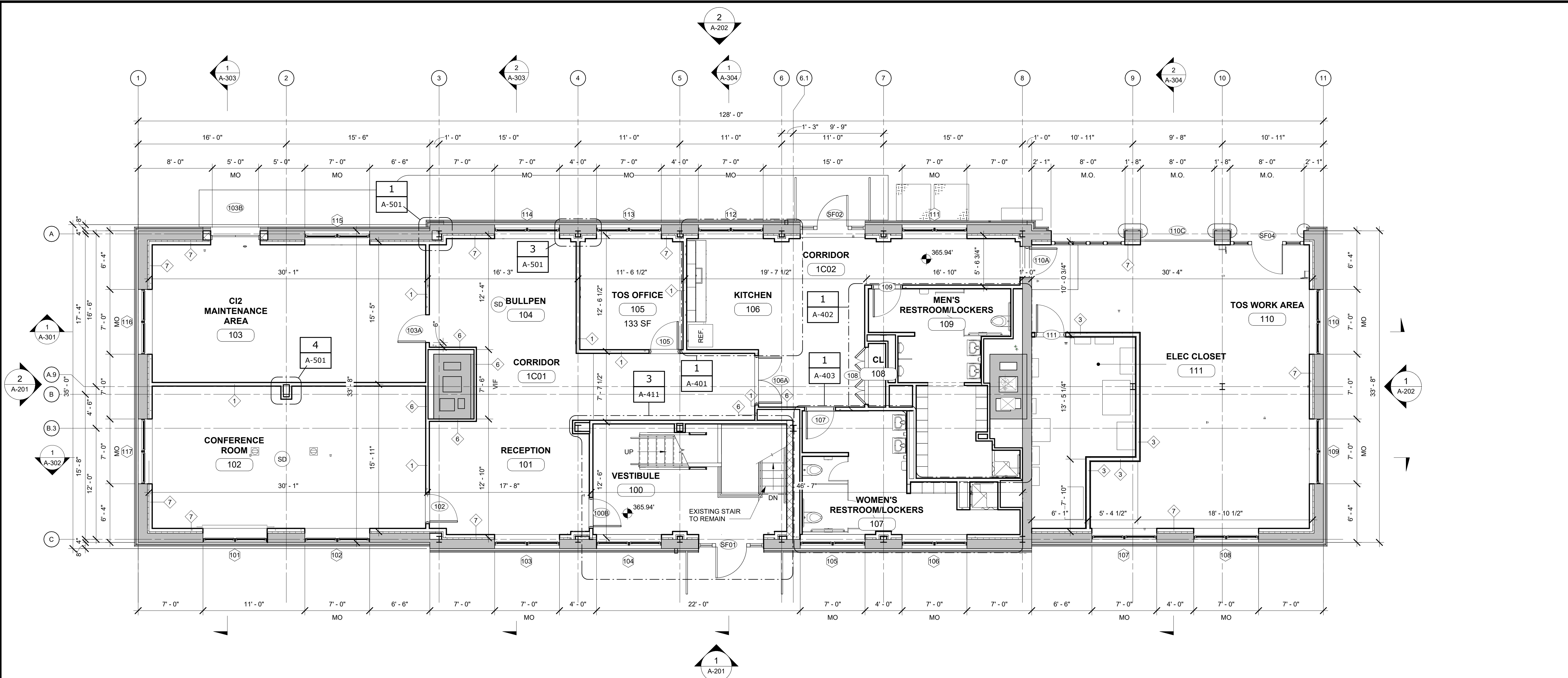
REPURPOSING OF THE KENSICO LABORATORY AS
 THE KENSICO REGIONAL HEADQUARTERS
 MOUNT PLEASANT, NEW YORK
 CONTRACT CRO-624

ARCHITECTURAL
 CONSTRUCTION PLAN - CELLAR

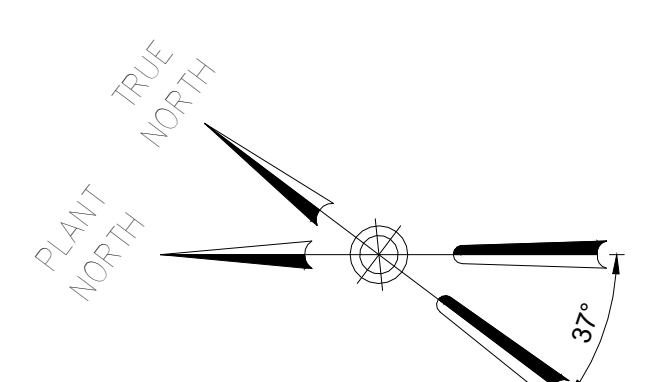
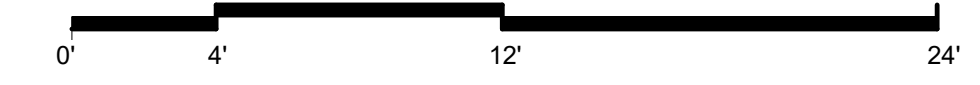
DATE: MAY 2023
SCALE:
SHEET NO: 69 OF No. 121
DRAWING NO. A-100

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1 CONSTRUCTION PLAN - FIRST FLOOR
 A-101 SCALE: 3/16" = 1'-0"



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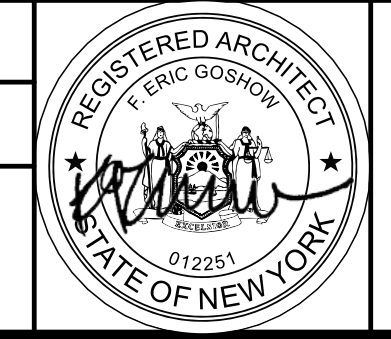
DESIGNED BY:
E. CLAASSEN

DRAWN BY:
S. KINARD

CHECKED BY:
F.E. GOSHOW

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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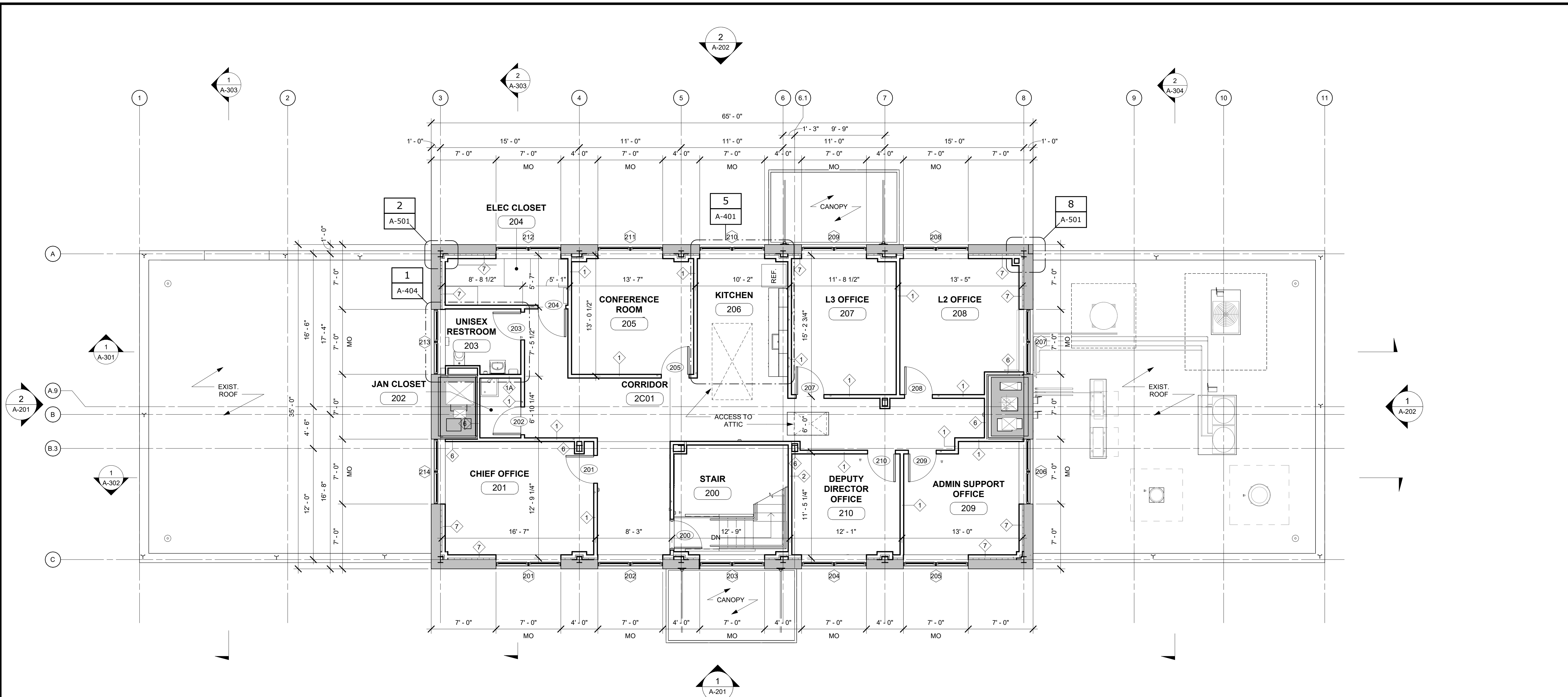
REPURPOSING OF THE KENSICO LABORATORY AS
 THE KENSICO REGIONAL HEADQUARTERS
 MOUNT PLEASANT, NEW YORK
 CONTRACT CRO-624

ARCHITECTURAL
 CONSTRUCTION PLAN - FIRST FLOOR

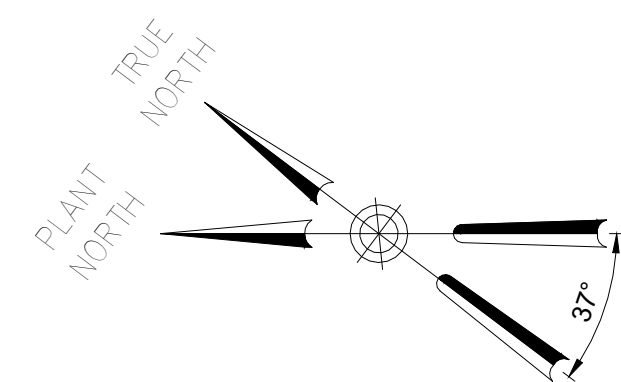
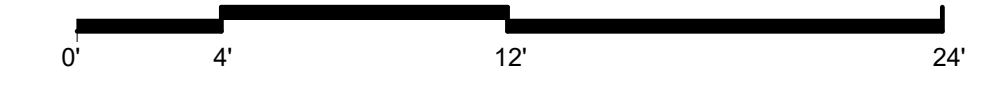
DATE: MAY 2023
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 SHEET NO:
70 OF No. 121
 DRAWING NO.
A-101

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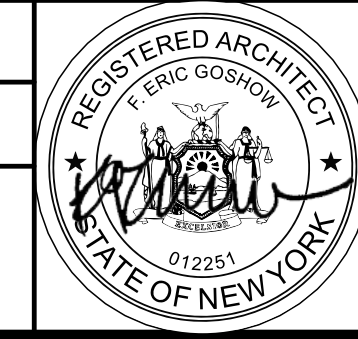
1 CONSTRUCTION PLAN - SECOND FLOOR
 A-102 SCALE: 3/16" = 1'-0"



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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 ARCHITECTURAL CONSTRUCTION PLAN - SECOND FLOOR	DATE: MAY 2023
	SCALE: SHEET NO: 71 OF No. 121
	DRAWING NO. A-102

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.



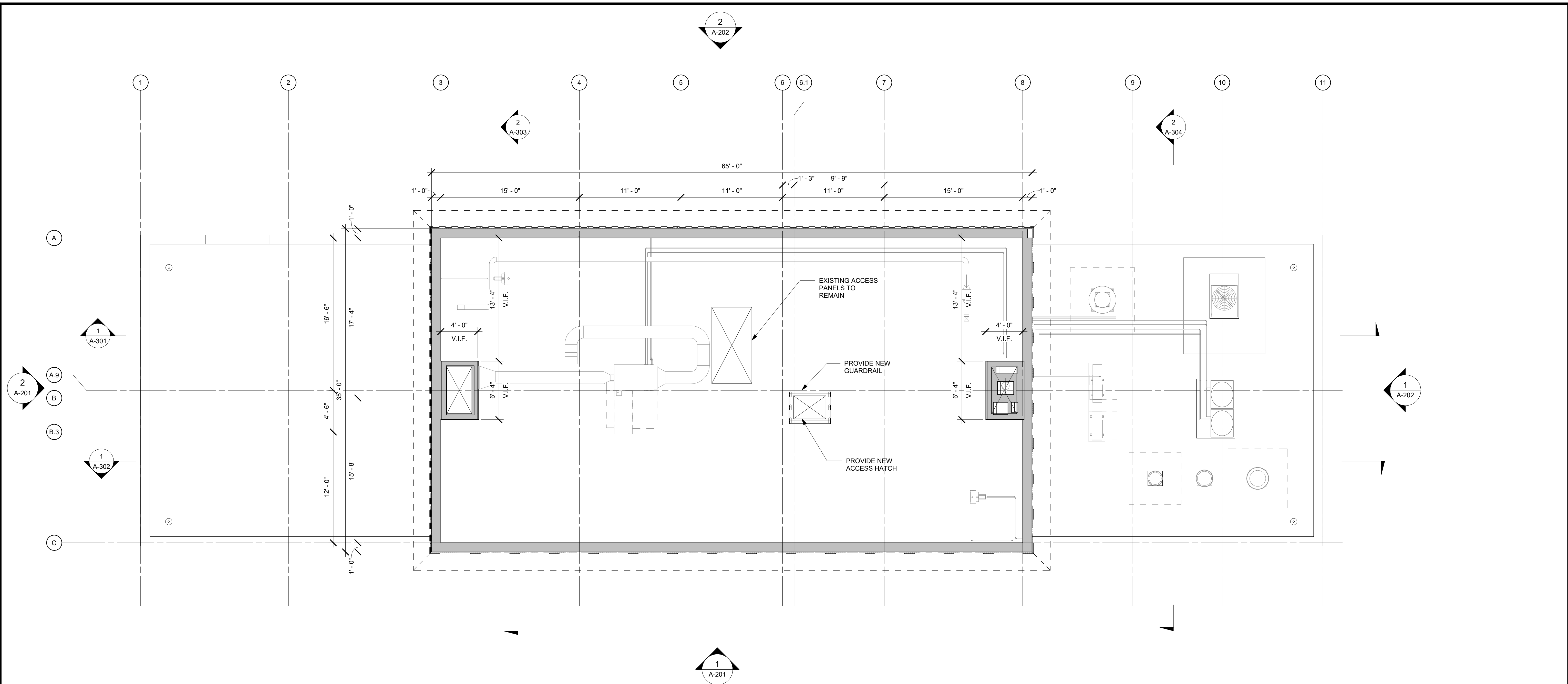
ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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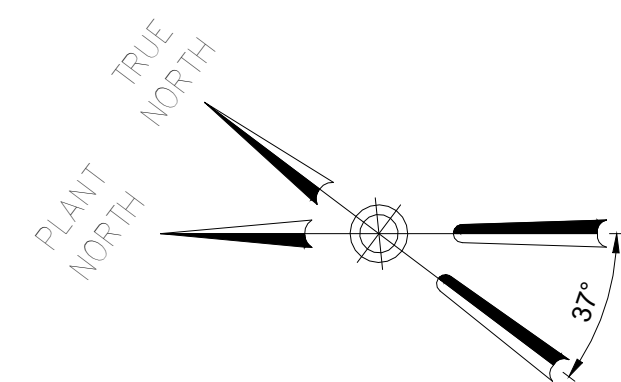
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 VALHALLA, NEW YORK 10595-1336
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1 CONSTRUCTION PLAN - ATTIC
A-103 SCALE: 3/16" = 1'-0"



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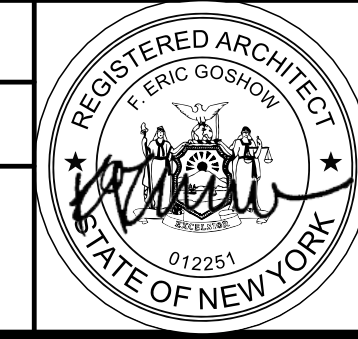
DESIGNED BY:
E. CLAASSEN

CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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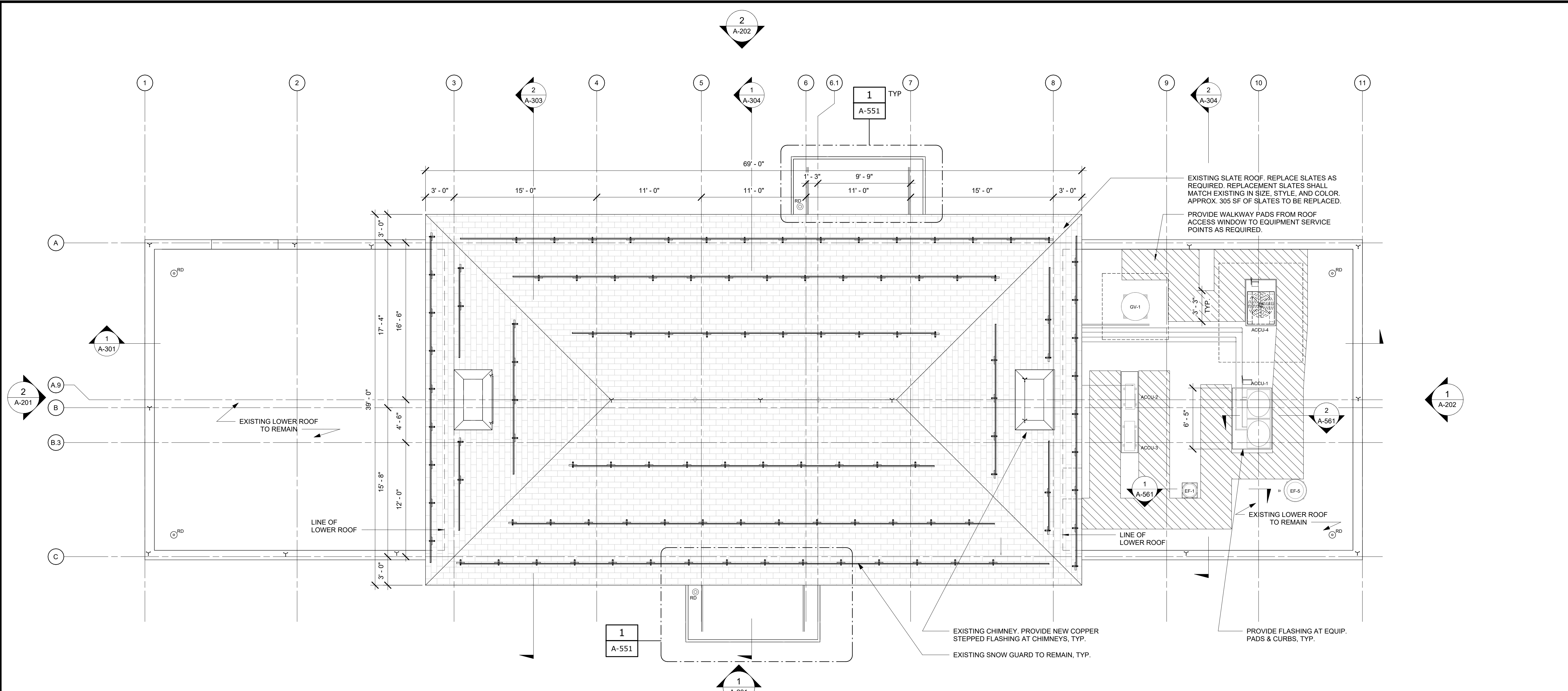
REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

ARCHITECTURAL
CONSTRUCTION PLAN - ATTIC

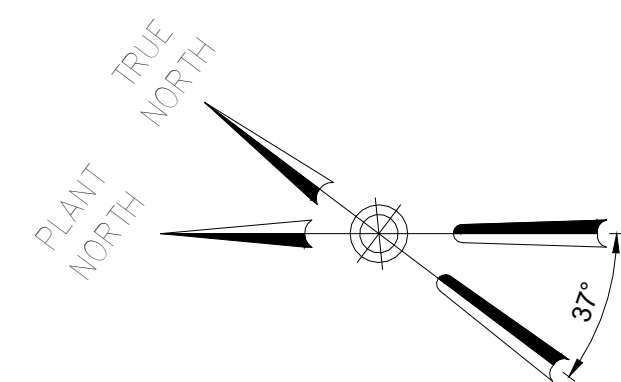
DATE: MAY 2023
SCALE:
SHEET NO: 72 OF No. 121
DRAWING NO. A-103

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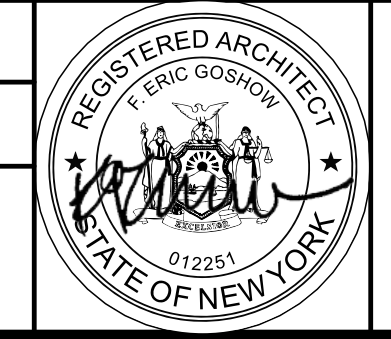
1 CONSTRUCTION PLAN - ROOF
 A-104 SCALE: 3/16" = 1'-0"



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CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.
Hazen	



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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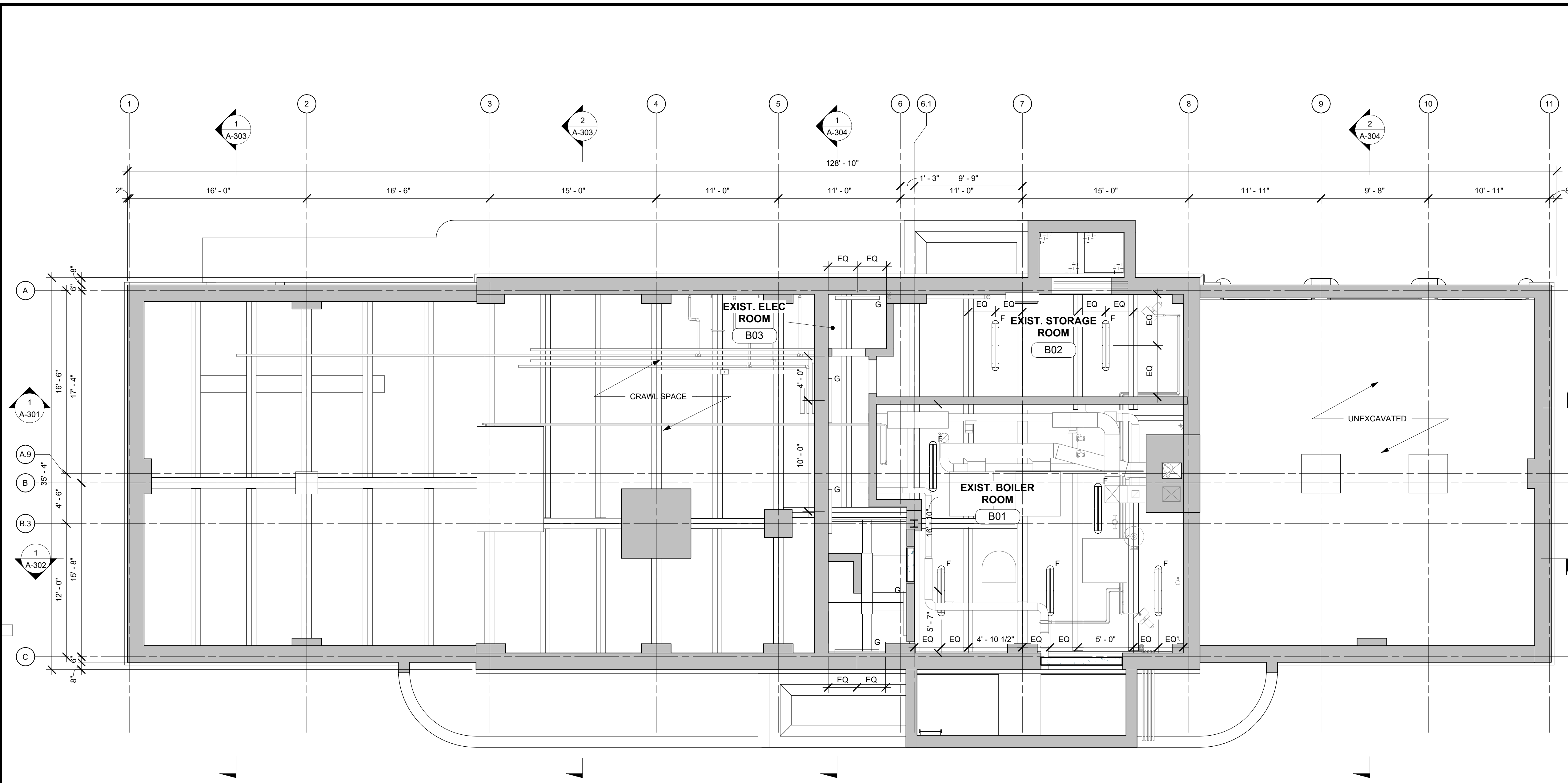
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REPURPOSING OF THE KENSICO LABORATORY AS
 THE KENSICO REGIONAL HEADQUARTERS
 MOUNT PLEASANT, NEW YORK
 CONTRACT CRO-624
 ARCHITECTURAL
 CONSTRUCTION PLAN - ROOF

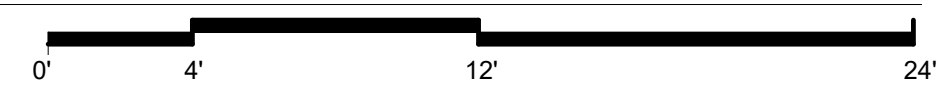
DATE: MAY 2023
SCALE:
SHEET NO: 73 OF No. 121
DRAWING NO. A-104

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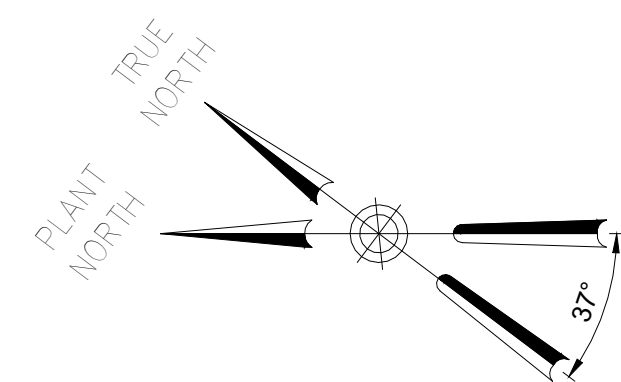


1 REFLECTED CEILING PLAN - CELLAR
 A-110 SCALE: 3/16" = 1'-0"



- RCP LEGEND**
- SUSPENDED GYP BD SOFFIT/CEILING
 - SUSPENDED ACT CEILING
 - EXPOSED CEILING
 - CEILING HEIGHT

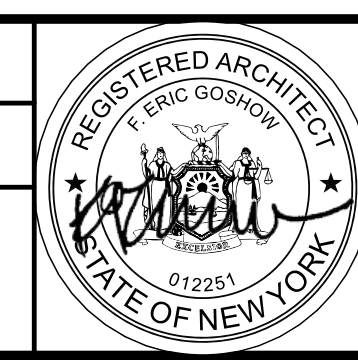
- LIGHT FIXTURES LEGEND**
- EXIT SIGN
 - 6" RECESSED LED DOWNLIGHT FIXTURE
 - 3 1/2" RECESSED LED DOWNLIGHT FIXTURE AT SHOWERS
 - 2'x2' RECESSED CEILING GRID LED LIGHT FIXTURE
 - 4" HANGING PENDANT LIGHT
 - 1" LINEAR WALL MOUNTED FIXTURE
 - 4" LED LINEAR CEILING MOUNTED FIXTURE
 - 4" APERTURE LED SURFACE MOUNT
 - EXTERIOR CANOPY LIGHT



BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 74 OF No. 121 DRAWING NO. A-110

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.



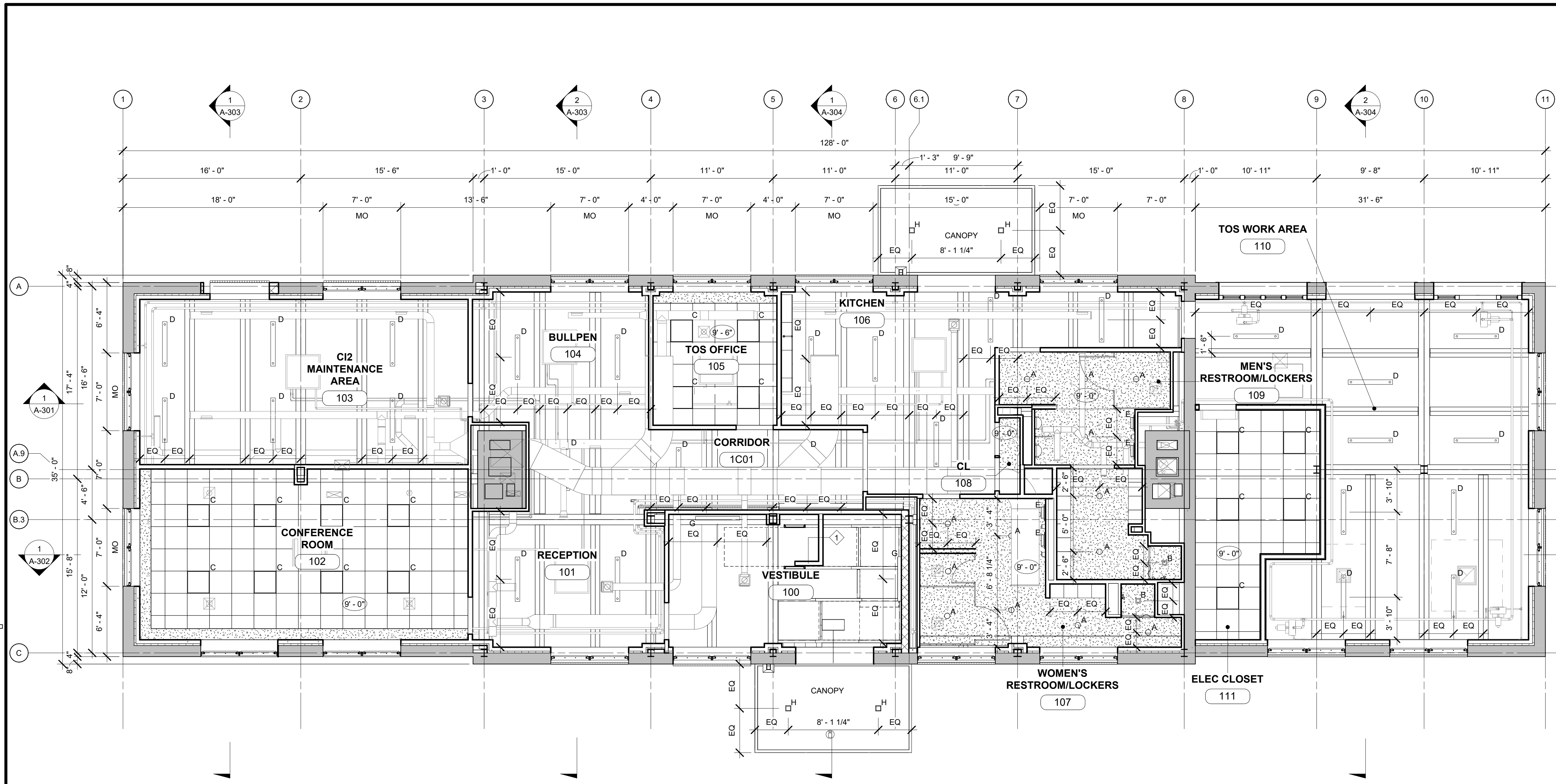
ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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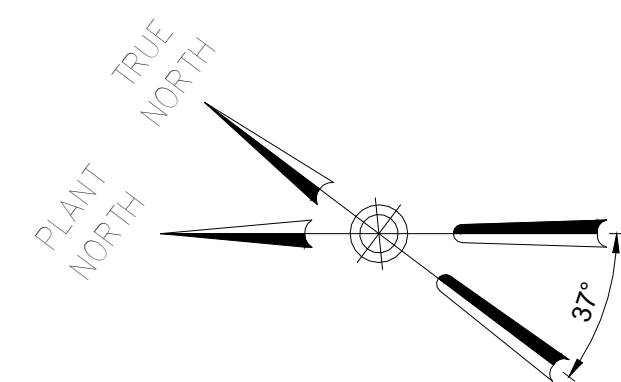
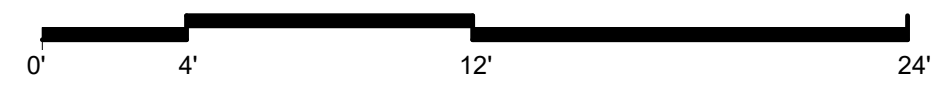
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- RCP LEGEND**
- SUSPENDED GYP BD SOFFIT/CEILING
 - SUSPENDED ACT CEILING
 - EXPOSED CEILING
 - CEILING HEIGHT

- LIGHT FIXTURES LEGEND**
- EXIT SIGN
 - 6" RECESSED LED DOWNLIGHT FIXTURE
 - 3 1/2" RECESSED LED DOWNLIGHT FIXTURE AT SHOWERS
 - 2'X2' RECESSED CEILING GRID LED LIGHT FIXTURE
 - 4" HANGING PENDANT LIGHT
 - 1" LINEAR WALL MOUNTED FIXTURE
 - 4" LED LINEAR CEILING MOUNTED FIXTURE
 - 4" APERTURE LED SURFACE MOUNT
 - EXTERIOR CANOPY LIGHT

1 REFLECTED CEILING PLAN - FIRST FLOOR
 A-111 SCALE: 3/16" = 1'-0"



BID SET	GRAPHIC SCALES CHECK BEFORE USE
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 75 OF No. 121 DRAWING NO. A-111
ARCHITECTURAL REFLECTED CEILING PLAN - FIRST FLOOR	

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

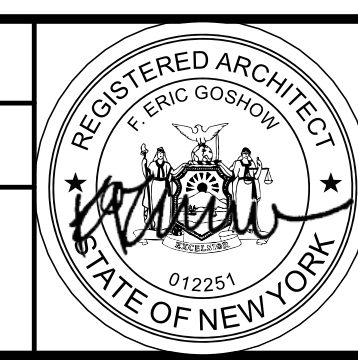
DESIGNED BY:
E. CLAASSEN

DRAWN BY:
S. KINARD

CHECKED BY:
F.E. GOSHOW

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

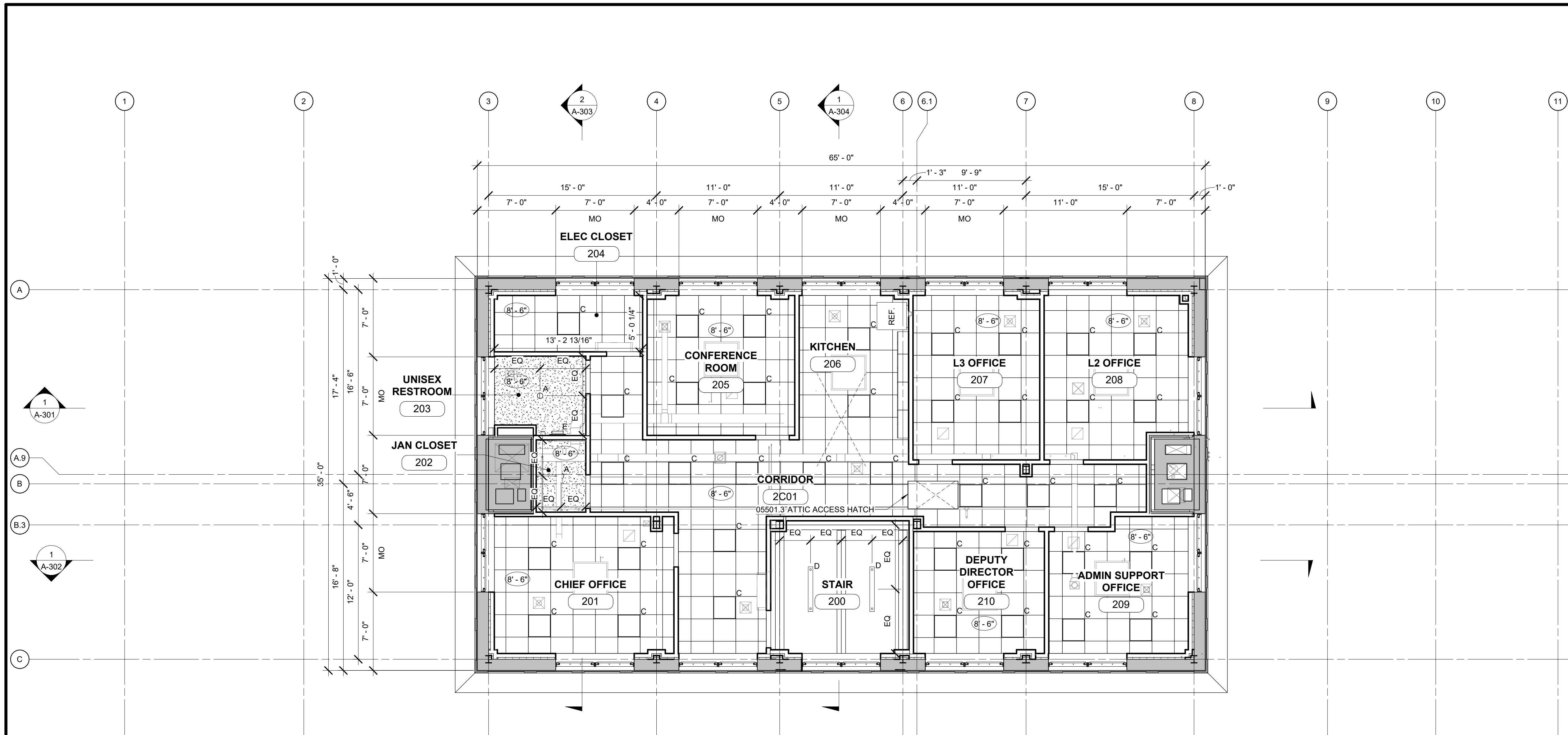
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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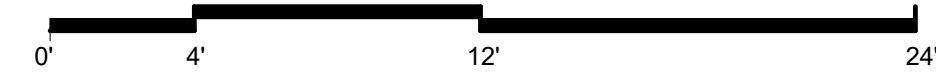
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1 REFLECTED CEILING PLAN - SECOND FLOOR
 A-112 SCALE: 3/16" = 1'-0"

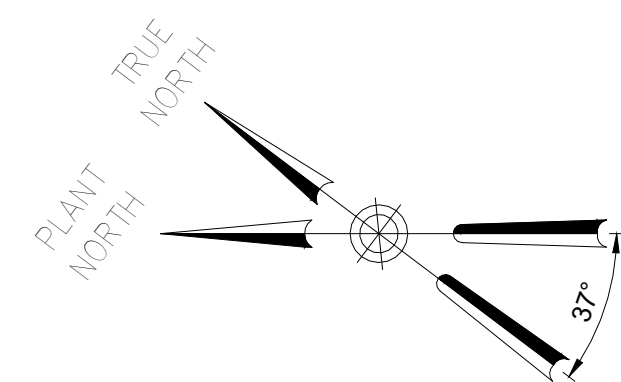


RCP LEGEND

- SUSPENDED GYP BD SOFFIT/CEILING
- SUSPENDED ACT CEILING
- EXPOSED CEILING
- CEILING HEIGHT

LIGHT FIXTURES LEGEND

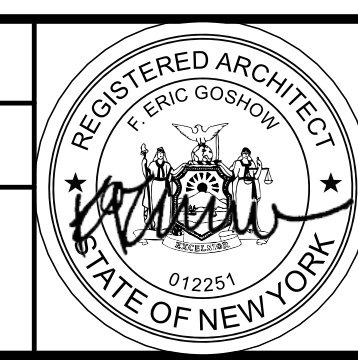
- EXIT SIGN
- 6" RECESSED LED DOWNLIGHT FIXTURE
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- 2'x2' RECESSED CEILING GRID LED LIGHT FIXTURE
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- 1' LINEAR WALL MOUNTED FIXTURE
- 4' LED LINEAR CEILING MOUNTED FIXTURE
- 4' APERTURE LED SURFACE MOUNT
- EXTERIOR CANOPY LIGHT



BID SET	GRAPHIC SCALES CHECK BEFORE USE
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 76 OF No. 121 DRAWING NO. A-112

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

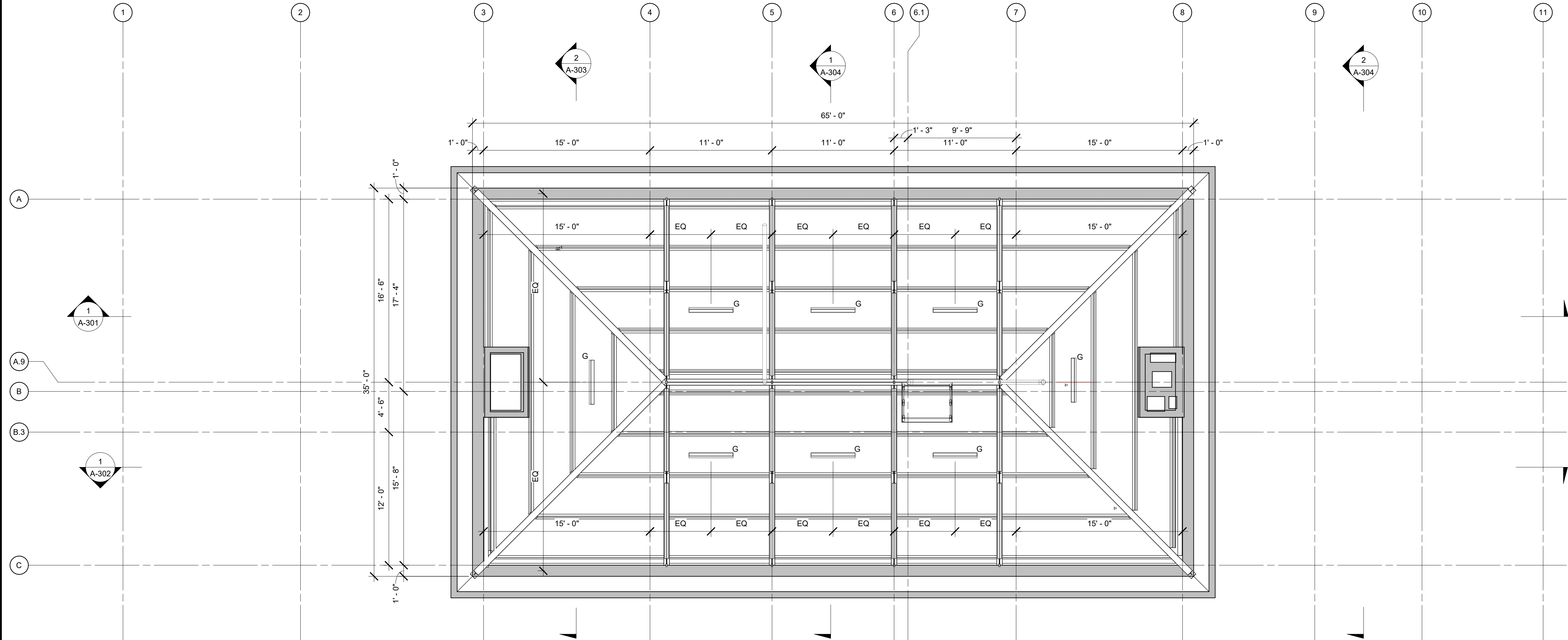
DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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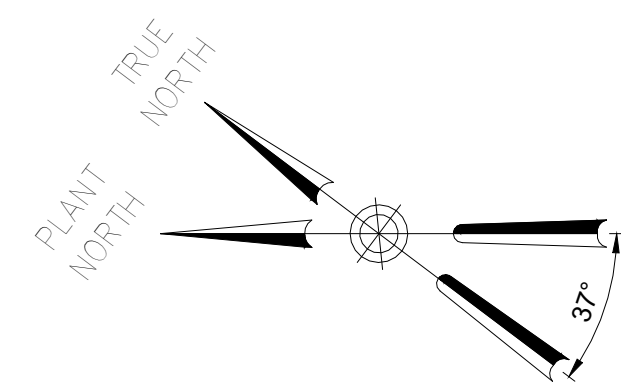
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1 REFLECTED CEILING PLAN - ATTIC
 A-113 SCALE: 3/16" = 1'-0"

- RCP LEGEND**
- SUSPENDED GYP BD SOFFIT/CEILING
 - SUSPENDED ACT CEILING
 - EXPOSED CEILING
 - CEILING HEIGHT

- LIGHT FIXTURES LEGEND**
- EXIT SIGN
 - 6" RECESSED LED DOWNLIGHT FIXTURE
 - 3 1/2" RECESSED LED DOWNLIGHT FIXTURE AT SHOWERS
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 - 1' LINEAR WALL MOUNTED FIXTURE
 - 4' LED LINEAR CEILING MOUNTED FIXTURE
 - 4' APERTURE LED SURFACE MOUNT
 - EXTERIOR CANOPY LIGHT



BID SET

GRAPHIC SCALES
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SCALE ACCORDINGLY

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

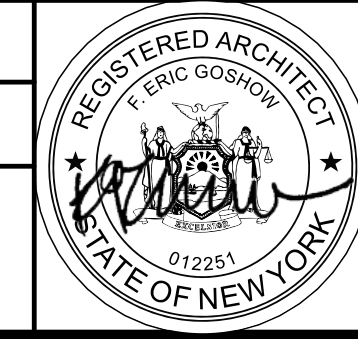
DESIGNED BY:
E. CLAASSEN

DRAWN BY:
S. KINARD

CHECKED BY:
F.E. GOSHOW

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
 THE KENSICO REGIONAL HEADQUARTERS
 MOUNT PLEASANT, NEW YORK
 CONTRACT CRO-624

ARCHITECTURAL
 REFLECTED CEILING PLAN - ATTIC

DATE: MAY 2023
 SCALE:
 SHEET NO.:
77 OF No. 121
 DRAWING NO.:
A-113

NOTES - FINISH PLAN

DIVISION 8	08361.1 OVERHEAD DOOR	INSULATED ALUMINUM SECTIONAL OVERHEAD DOOR WITH VISION LITES
DIVISION 9	09651.1 RESILIENT FLOORING	VINYL COMPOSITE TILE (VCT), 12" X 12"

LEGEND

	CPT-1: 2' x 2' CARPET TILE
	VCT-1: VCT TILE FLOOR
	CMT-1: 4" TILE
	CONC: EXPOSED CONCRETE FLOOR

NOTES

- CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS IN FIELD.
- THE TILE DIMENSION FOR "EQ-EQ" WHERE INDICATED, SHALL BE MORE THAN HALF OF THE WIDTH OF THE TILE, UNLESS OTHERWISE INDICATED.
- FURNITURE NOT IN CONTRACT, SHOWN FOR ILLUSTRATION PURPOSES ONLY.

FINISH SCHEDULE LEGEND

SUBSTRATES

- CMB: CEMENT BOARD, SEE PLANS AND PARTITION SCHEDULE
- CONC: 1/2" SELF-LEVELING CONCRETE
- EXISTING: EXISTING SLAB
- GWB: GYPSUM WALL BOARD, SEE PLANS AND PARTITION SCHEDULE
- OPEN: OPEN TO ABOVE

FLOOR FINISHES

- CMT-1: CERAMIC TILE 4"x4"
- CONC: CLEAR SEALED 1/2" SELF-LEVELING CONCRETE
- CPT-1: CARPET TILE - 24"x24"
- VCT-1: VINYL COMPOSITE TILE - 12"x12"

BASE FINISHES

- CB-1: CERAMIC COVE BASE
- VB-1: VINYL COVE BASE - 4"
- VB-2: VINYL STRAIGHT BASE - 4"

WALL FINISHES

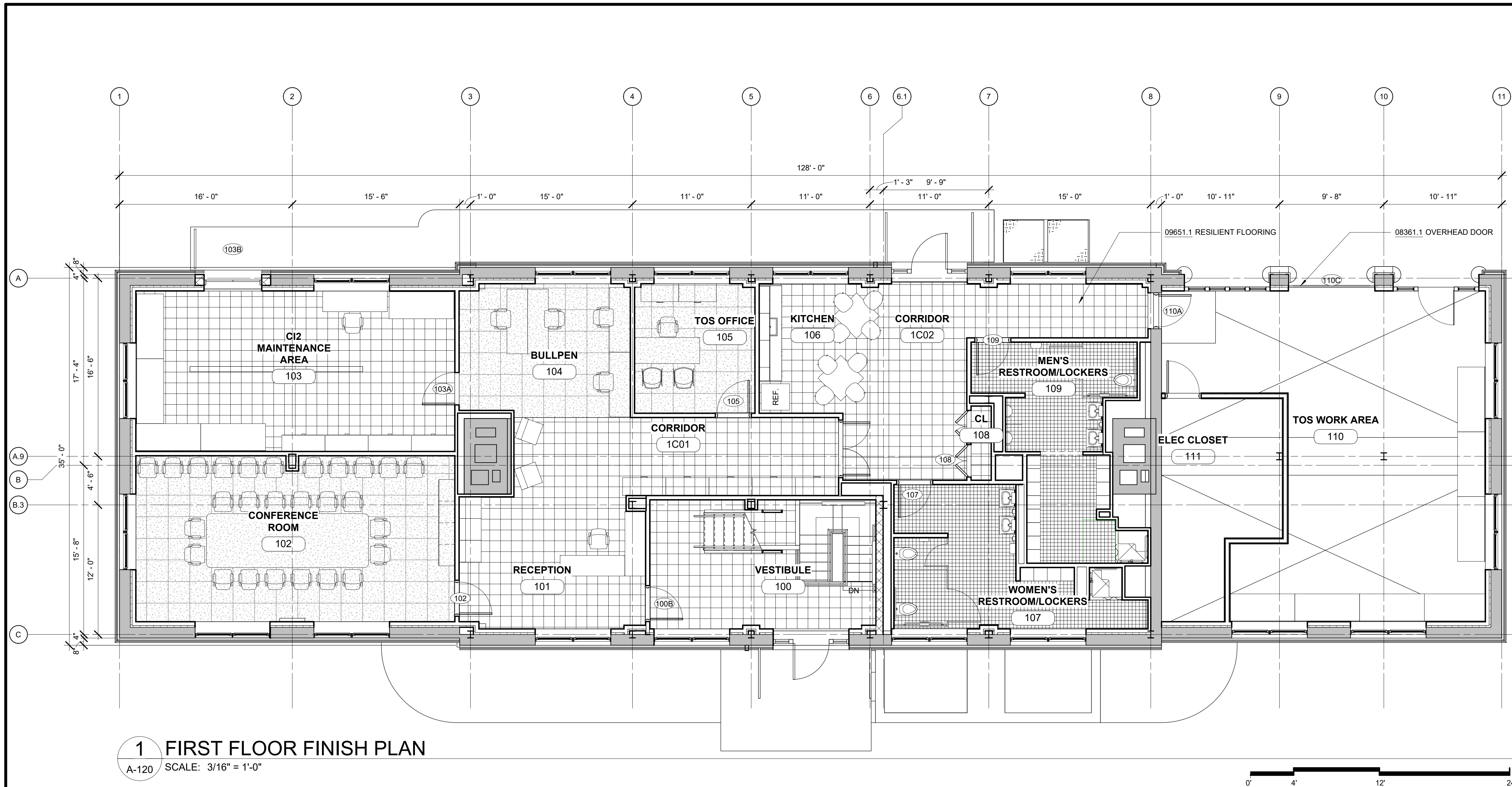
- CWT-1: CERAMIC WALL TILE
- CWT-2: CERAMIC TILE BACKSPLASH
- PT-1: WALL PAINT

CEILING FINISHES

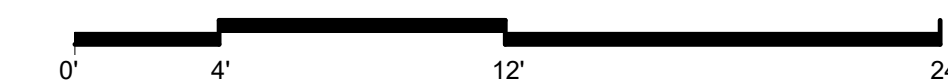
- ACT-1: ACOUSTIC CEILING TILE - 24"x24"
- PT-1: WALL PAINT

NOTES:

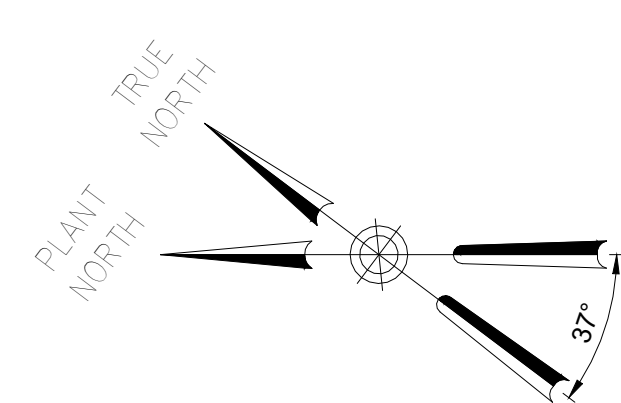
- ALL SUBSTRATES SHALL BE PREPPED PER FLOOR FINISH MANUFACTURER'S REQUIREMENTS.



1 FIRST FLOOR FINISH PLAN
A-120 SCALE: 3/16" = 1'-0"



NO.	DESCRIPTION	FLOOR		BASE FINISH	WALL-NORTH		WALL-EAST		WALL-SOUTH		WALL-WEST		CEILING		REMARKS
		SUBSTRATE	FINISH		SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	
1C01	CORRIDOR	EXIST.	VCT	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	EXIST.	PT-1	-
1C02	CORRIDOR	EXIST.	VCT	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	EXIST.	PT-1	-
100	VESTIBULE	EXIST.	VCT	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	EXIST.	PT-1	-
101	RECEPTION	EXIST.	VCT	VB-1	GWB	PT-1	-	-	GWB	PT-1	GWB	PT-1	EXIST.	PT-1	-
102	CONFERENCE ROOM	EXIST.	CPT	VB-2	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	-	9' - 0"
103	CI2 MAINTENANCE AREA	EXIST.	VCT	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	EXIST.	PT-1	-
104	BULLPEN	EXIST.	CPT	VB-2	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	-	EXIST.	OPEN	-
105	TOS OFFICE	EXIST.	CPT	VB-2	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	-	9' - 6"
106	KITCHEN	EXIST.	VCT	VB-1	GWB	CWT-2, PT-1	GWB	PT-1	-	-	GWB	PT-1	EXIST.	PT-1	-
107	WOMEN'S RESTROOM/LOCKERS	EXIST.	CMT	CB	CMB	CWT-1, PT-1	CMB	CWT-1, PT-1	CMB	CWT-1, PT-1	GWB, CMB	CWT-1, PT-1	GWB	PT-1	9' - 0"
108	CL	EXIST.	VCT	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9' - 0"
109	MEN'S RESTROOM/LOCKERS	EXIST.	CMT	CB	GWB, CMB	CWT-1, PT-1	CMB	CWT-1, PT-1	GWB, CMB	CWT-1, PT-1	CMB	CWT-1, PT-1	GWB	PT-1	9' - 0"
110	TOS WORK AREA	EXIST.	CONC	-	EXIST	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	EXIST.	PT-1	-
111	ELEC CLOSET	EXIST.	CONC	-	EXIST	EXIST	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	-	9' - 0"



BID SET	GRAPHIC SCALES CHECK BEFORE USE
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 78 OF No. 121 DRAWING NO. A-120

Autodesk Docs/06020603A_CAT-423 WC-03A Region of Kenisco Lab/06020603A_A_KLB.rvt 5/5/2023 10:26:40 AM

DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.

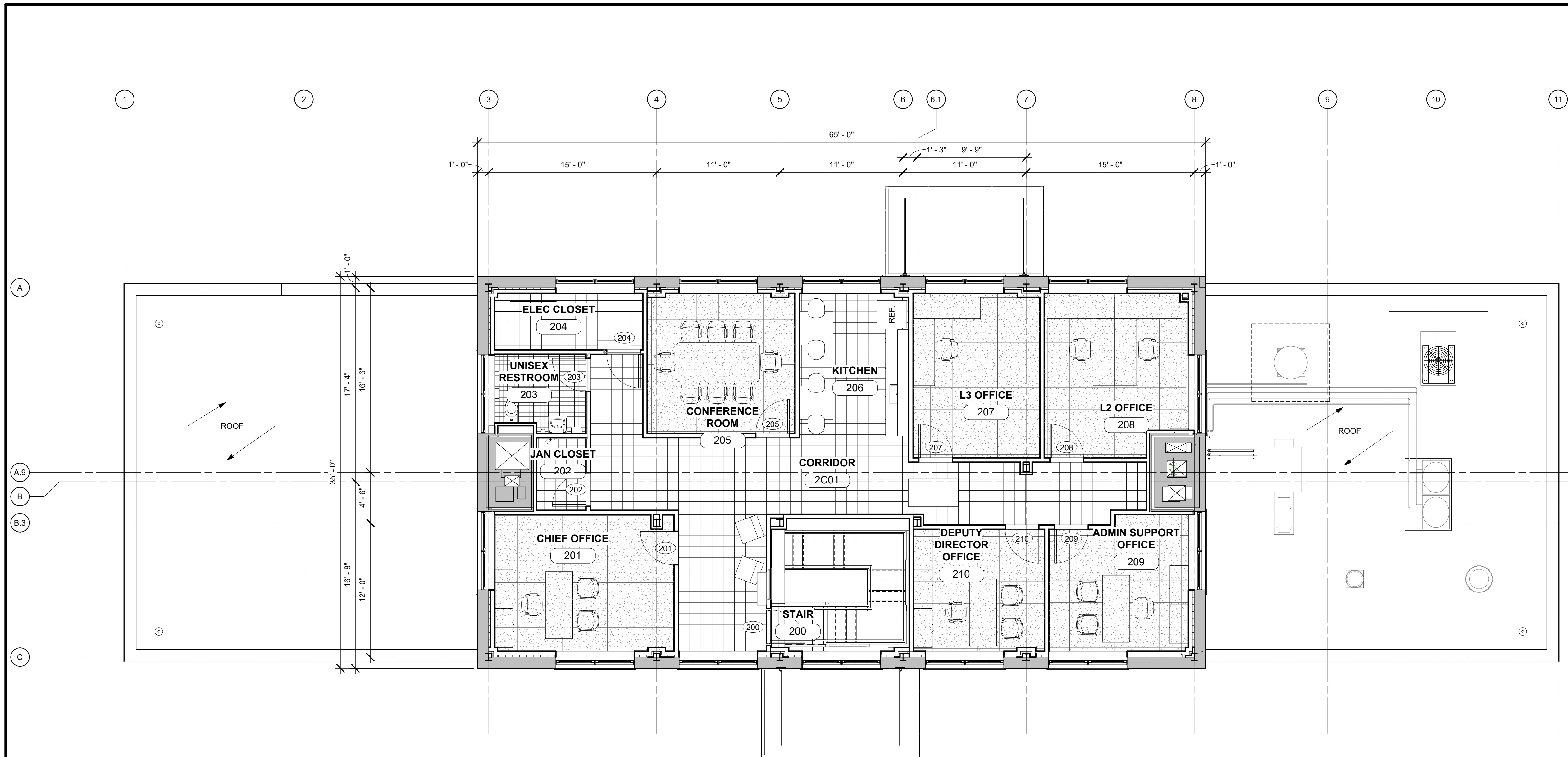


ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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- ### LEGEND
- CPT-1: 2' x 2' CARPET TILE
 - VCT-1: VCT TILE FLOOR
 - CMT-1: 4' x 4' TILE
 - CONC: EXPOSED CONCRETE FLOOR

- ### NOTES
- CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS IN FIELD.
 - THE TILE DIMENSION FOR "EQ-EQ" WHERE INDICATED, SHALL BE MORE THAN HALF OF THE WIDTH OF THE TILE, UNLESS OTHERWISE INDICATED.
 - FURNITURE NOT IN CONTRACT, SHOWN FOR ILLUSTRATION PURPOSES ONLY.

- ### FINISH SCHEDULE LEGEND
- #### SUBSTRATES
- CMB: CEMENT BOARD, SEE PLANS AND PARTITION SCHEDULE
 - CONC: 1/2" SELF-LEVELING CONCRETE
 - EXISTING: EXISTING SLAB
 - GWB: GYPSUM WALL BOARD, SEE PLANS AND PARTITION SCHEDULE OPEN TO ABOVE
 - OPEN: OPEN TO ABOVE

- #### FLOOR FINISHES
- CMT-1: CERAMIC TILE 4"x4"
 - CONC: CLEAR SEALED 1/2" SELF-LEVELING CONCRETE
 - CPT-1: CARPET TILE - 24"x24"
 - VCT-1: VINYL COMPOSITE TILE - 12"x12"

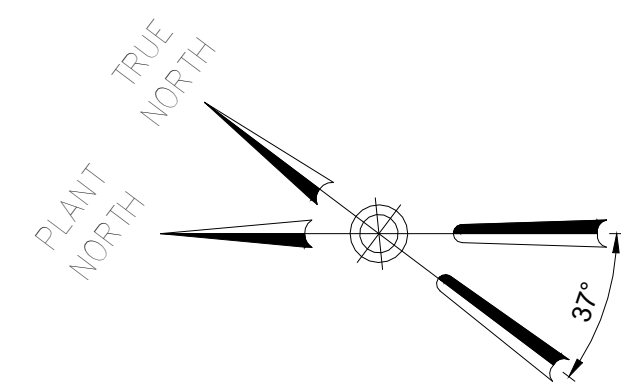
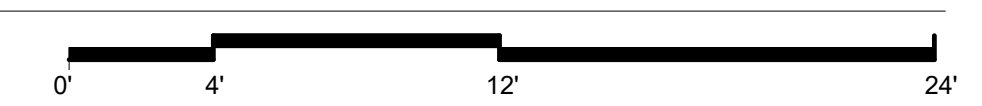
- #### BASE FINISHES
- CB-1: CERAMIC COVE BASE
 - VB-1: VINYL COVE BASE - 4"
 - VB-2: VINYL STRAIGHT BASE - 4"

- #### WALL FINISHES
- CWT-1: CERAMIC WALL TILE
 - CWT-2: CERAMIC TILE BACKSPASH
 - PT-1: WALL PAINT

- #### CEILING FINISHES
- ACT-1: ACOUSTIC CEILING TILE - 24"x24"
 - PT-1: WALL PAINT

- ### NOTES:
- ALL SUBSTRATES SHALL BE PREPPED PER FLOOR FINISH MANUFACTURER'S REQUIREMENTS.

1 SECOND FLOOR FINISH PLAN
A-121 SCALE: 3/16" = 1'-0"



SECOND FLOOR FINISH SCHEDULE															
NO.	DESCRIPTION	FLOOR		BASE FINISH	WALL-NORTH		WALL-EAST		WALL-SOUTH		WALL-WEST		CEILING		REMARKS
		SUBSTRATE	FINISH		SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	
2C01	CORRIDOR	EXIST.	VCT	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	-	8' - 6"
200	STAIR	EXIST.	VCT	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	EXIST.	PT-1	-
201	CHIEF OFFICE	EXIST.	CPT	VB-2	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	-	8' - 6"
202	JAN CLOSET	EXIST.	VCT	VB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	8' - 6"
203	UNISEX RESTROOM	EXIST.	CPT	VB-2	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	8' - 6"
204	ELEC CLOSET	EXIST.	VCT	-	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	8' - 6"
205	CONFERENCE ROOM	EXIST.	CONC	-	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	-	8' - 6"
206	KITCHEN	EXIST.	VCT	VB-1	GWB	PT-1	GWB	PT-1	GWB	CWT-2, PT-1	-	-	ACT-1	-	8' - 6"
207	L3 OFFICE	EXIST.	CPT	VB-2	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	-	8' - 6"
208	L2 OFFICE	EXIST.	CPT	VB-2	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	-	8' - 6"
209	ADMIN SUPPORT OFFICE	EXIST.	CPT	VB-2	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	-	8' - 6"
210	DEPUTY DIRECTOR OFFICE	EXIST.	CPT	VB-2	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	-	8' - 6"

BID SET

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CHECK BEFORE USE

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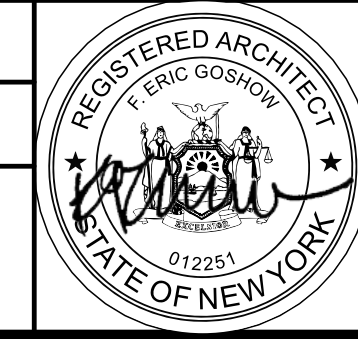
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
E. CLAASSEN

CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
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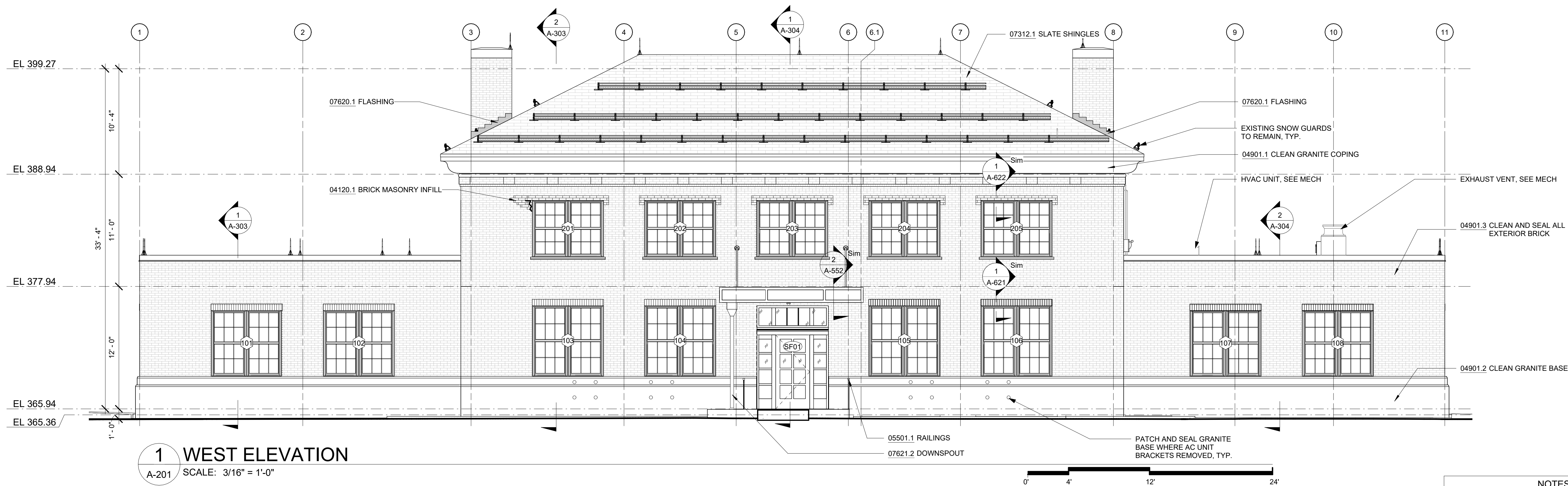
REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

ARCHITECTURAL
FINISH PLAN - SECOND FLOOR

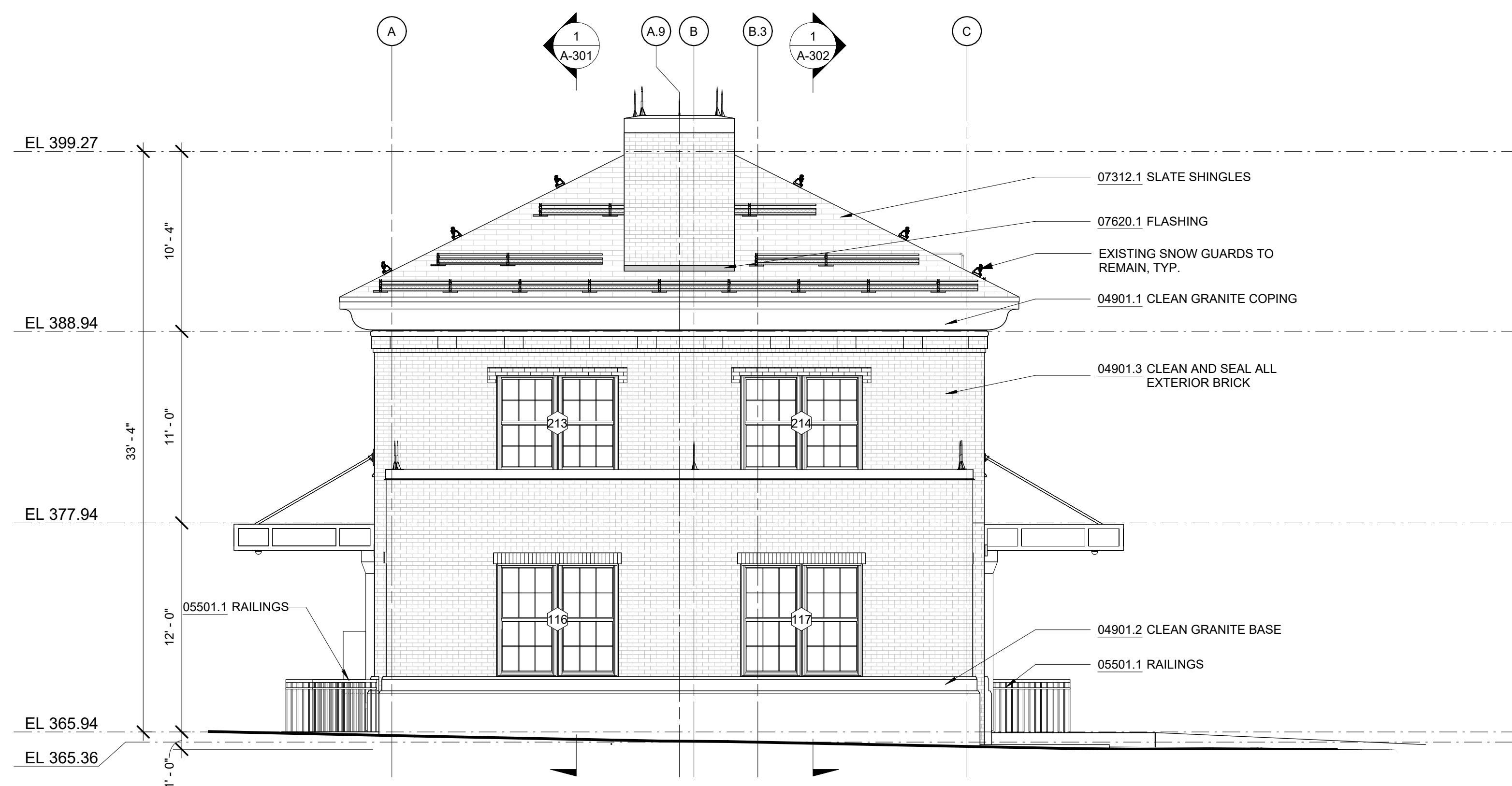
DATE: MAY 2023
SCALE:
SHEET NO:
79 OF No. 121
DRAWING NO.
A-121

Autodesk Docs/060290-03A_CAT-423 WC-03A-Region of Kensico Lab/060290-03A_A_KLB.rvt 5/5/2023 10:26:44 AM

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1 WEST ELEVATION
A-201 SCALE: 3/16" = 1'-0"



2 NORTH ELEVATION
A-201 SCALE: 3/16" = 1'-0"

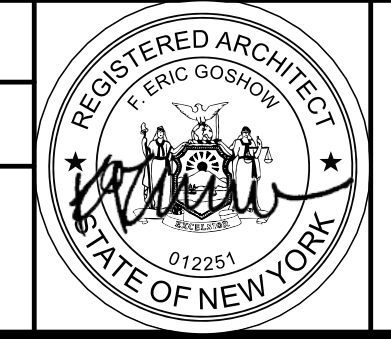
NOTES - ELEVATION

DIVISION 4	04120.1 BRICK MASONRY INFILL	INFILL WALL WITH BRICK TO MATCH EXISTING
	04901.1 CLEAN GRANITE COPING	GRANITE COPING TO BE CLEANED TO REMOVE RUST, MILDEW, AND GENERAL STAINING
	04901.2 CLEAN GRANITE BASE	GRANITE BASE TO BE CLEANED TO REMOVE RUST, MILDEW, AND GENERAL STAINING
	04901.3 CLEAN AND SEAL ALL EXTERIOR BRICK	BRICK TO BE CLEANED PRIOR TO START OF WORK; CLEANED AND SEALED FOLLOWING COMPLETION OF WORK
DIVISION 5	05501.1 RAILINGS	GALVANIZED STEEL RAILINGS TO MATCH ORIGINAL
DIVISION 7	07312.1 SLATE SHINGLES	EXISTING SLATE ROOF. REPLACE SLATES AS REQUIRED, SEE ROOF PLAN
	07620.1 FLASHING	NEW COPPER STEP FLASHING AT EXISTING CHIMNEYS
	07621.2 DOWNSPOUT	CUSTOM ZINC-ANNOIDIZED ALUMINUM DOWNSPOUT. DESIGN TO MATCH ORIGINAL LEAD-COATED COPPER DOWNSPOUT
DIVISION 8	08361.1 OVERHEAD DOOR	INSULATED ALUMINUM SECTIONAL OVERHEAD DOOR WITH VISION LITES

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 ARCHITECTURAL EXTERIOR ELEVATIONS	DATE: MAY 2023
	SCALE:
	SHEET NO: 80 OF No. 121
	DRAWING NO. A-201

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.
Hazen	



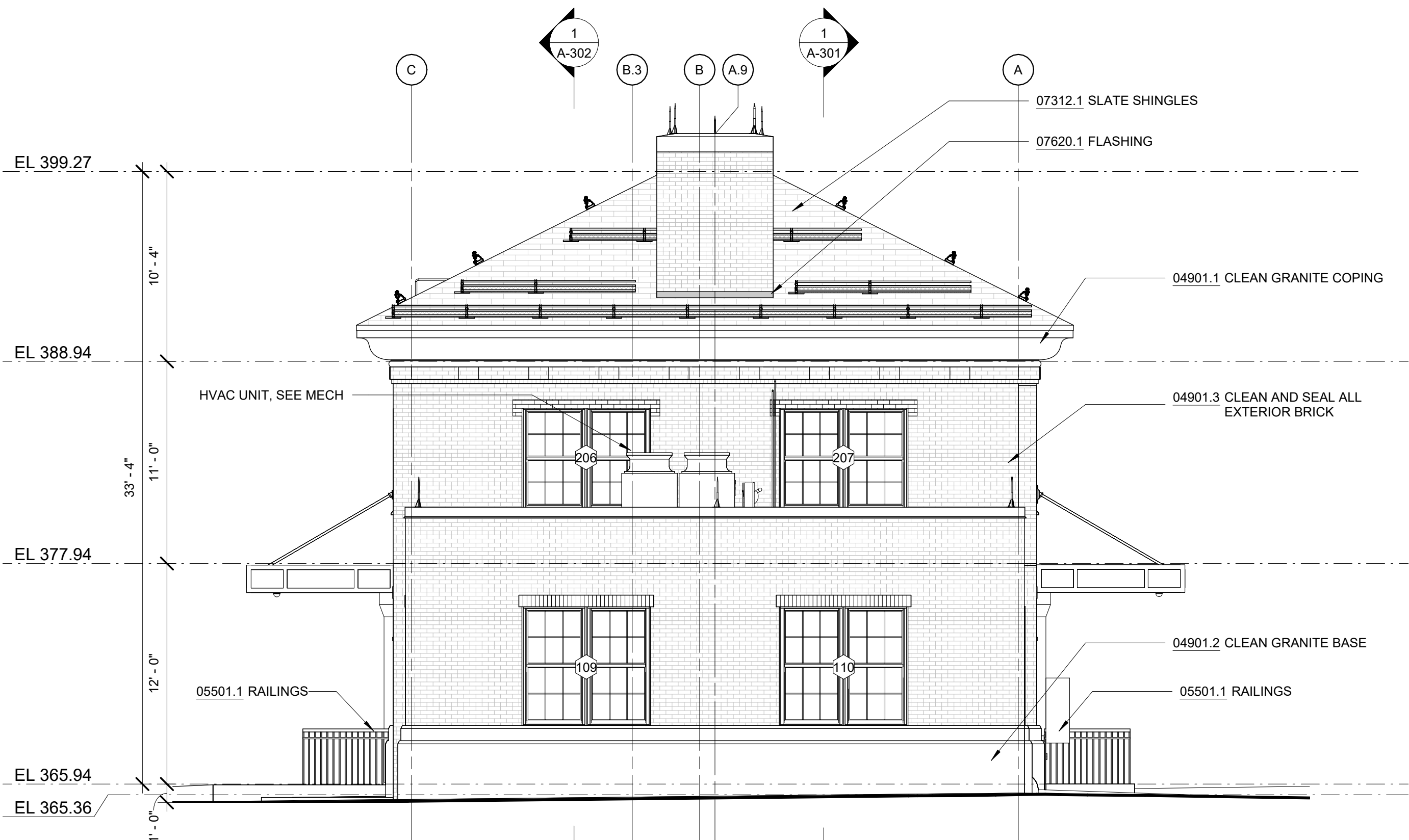
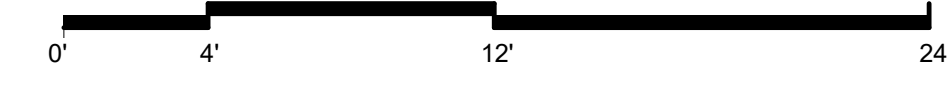
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PORTFOLIO MANAGER MARK DELBALZO, P.E.

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2 EAST ELEVATION
A-202 SCALE: 3/16" = 1'-0"



1 SOUTH ELEVATION
A-202 SCALE: 3/16" = 1'-0"



NOTES - ELEVATION

- DIVISION 4
04120.1 BRICK MASONRY INFILL INFILL WALL WITH BRICK TO MATCH EXISTING GRANITE COPING TO BE CLEANED TO REMOVE RUST, MILDEW, AND GENERAL STAINING
- 04901.1 CLEAN GRANITE COPING GRANITE BASE TO BE CLEANED TO REMOVE RUST, MILDEW, AND GENERAL STAINING
- 04901.2 CLEAN GRANITE BASE BRICK TO BE CLEANED PRIOR TO START OF WORK; CLEANED AND SEALED FOLLOWING COMPLETION OF WORK
- 04901.3 CLEAN AND SEAL ALL EXTERIOR BRICK
- DIVISION 5
05501.1 RAILINGS GALVANIZED STEEL RAILINGS TO MATCH ORIGINAL
- DIVISION 7
07312.1 SLATE SHINGLES EXISTING SLATE ROOF, REPLACE SLATES AS REQUIRED, SEE ROOF PLAN
- 07620.1 FLASHING NEW COPPER STEP FLASHING AT EXISTING CHIMNEYS
- 07621.2 DOWNSPOUT CUSTOM ZINC-ANNODIZED ALUMINUM DOWNSPOUT, DESIGN TO MATCH ORIGINAL LEAD-COATED COPPER DOWNSPOUT
- DIVISION 8
08361.1 OVERHEAD DOOR INSULATED ALUMINUM SECTIONAL OVERHEAD DOOR WITH VISION LITES

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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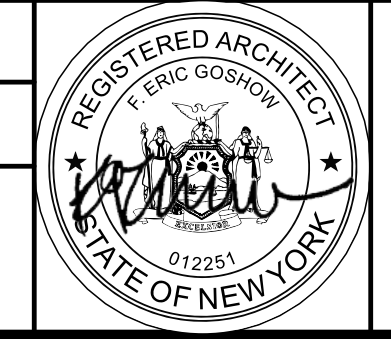
DESIGNED BY:
E. CLAASSEN

CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

ARCHITECTURAL
EXTERIOR ELEVATIONS

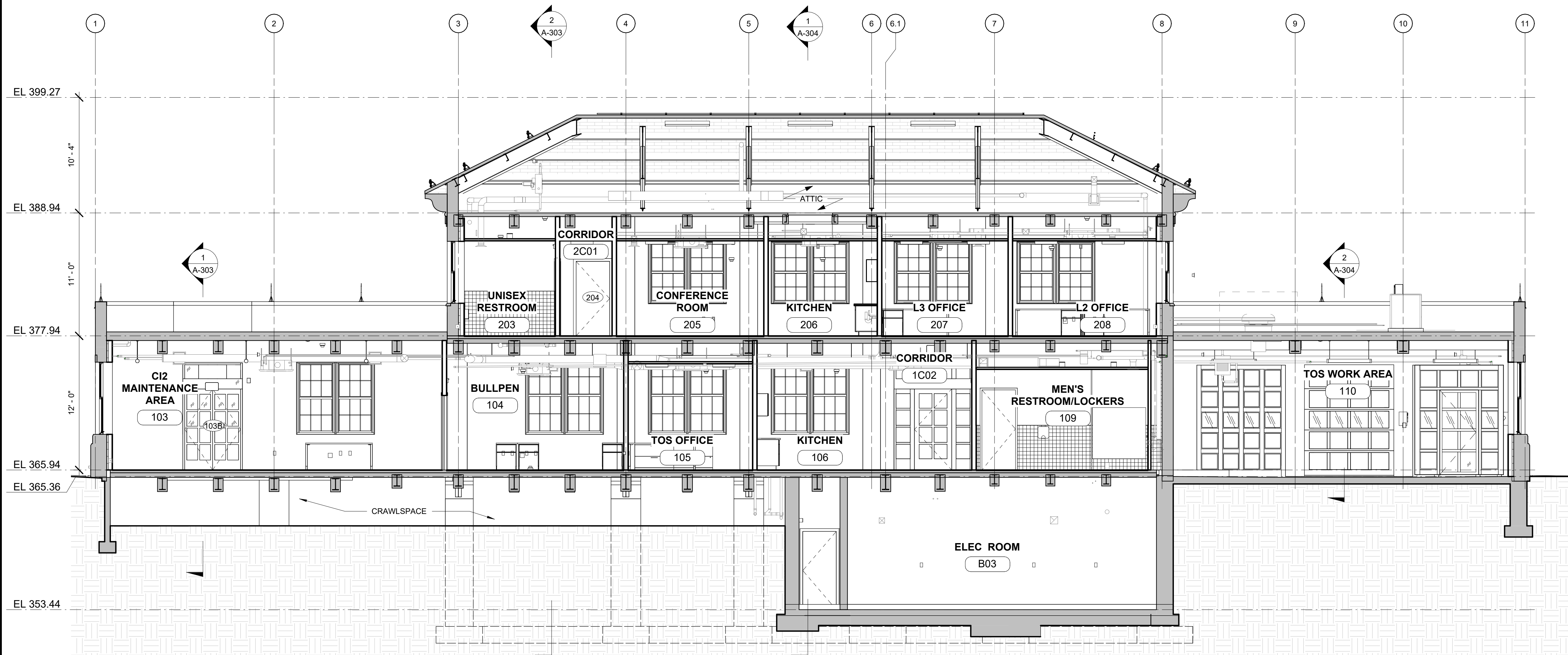
DATE: MAY 2023

SCALE:

SHEET NO:
81 OF No. 121

DRAWING NO.
A-202

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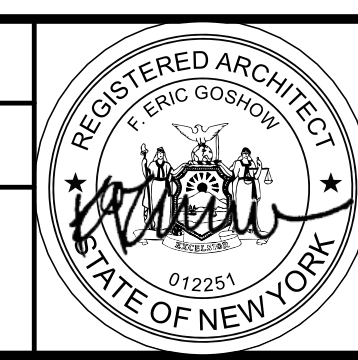
1 LONGITUDINAL SECTION 1
 A-301 SCALE: 3/16" = 1'-0"



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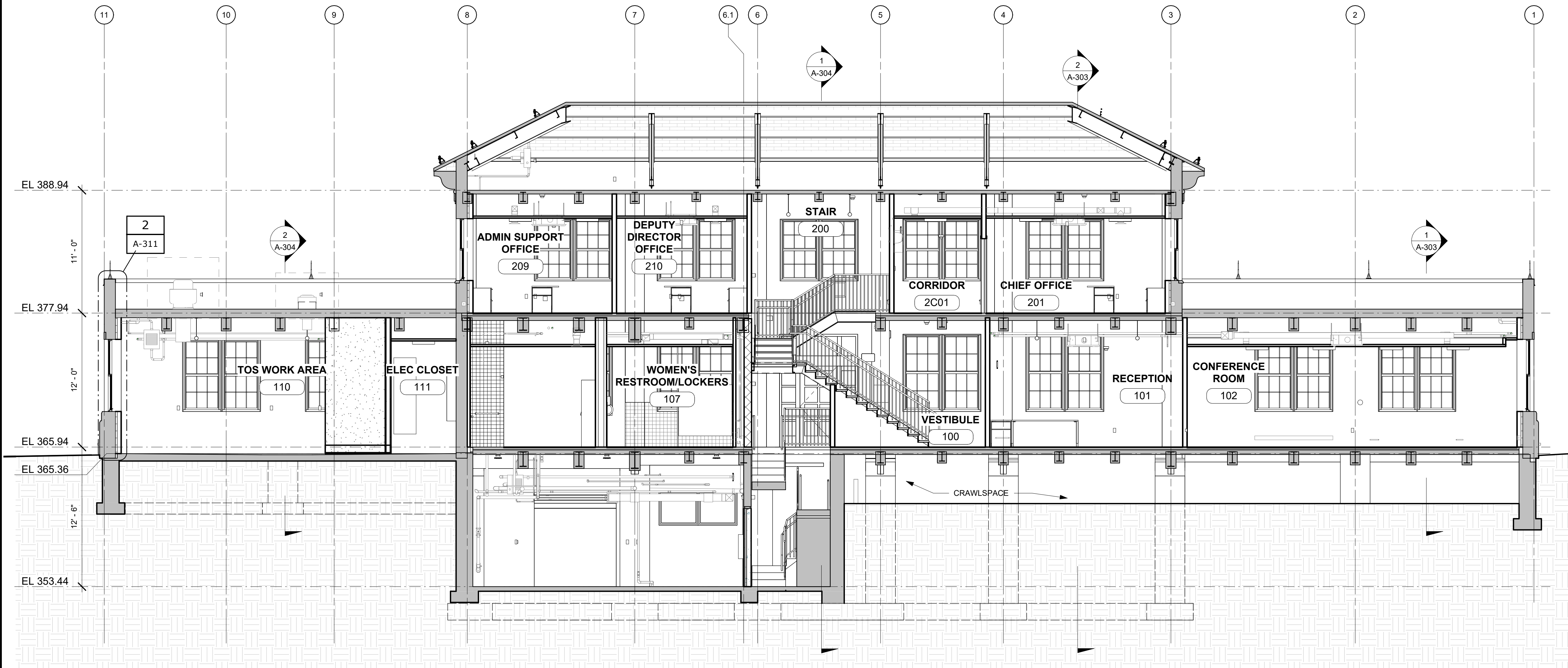
ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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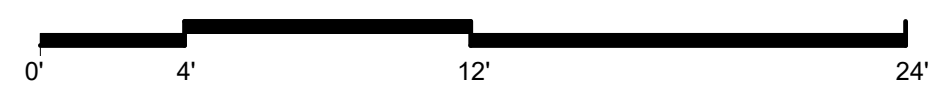
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 ARCHITECTURAL BUILDING SECTIONS	DATE: MAY 2023
	SCALE:
	SHEET NO: 82 OF No. 121
	DRAWING NO. A-301

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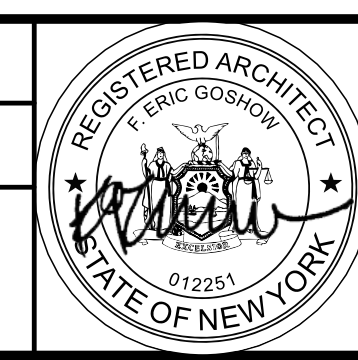
1 LONGITUDINAL SECTION 2
 A-302 SCALE: 3/16" = 1'-0"



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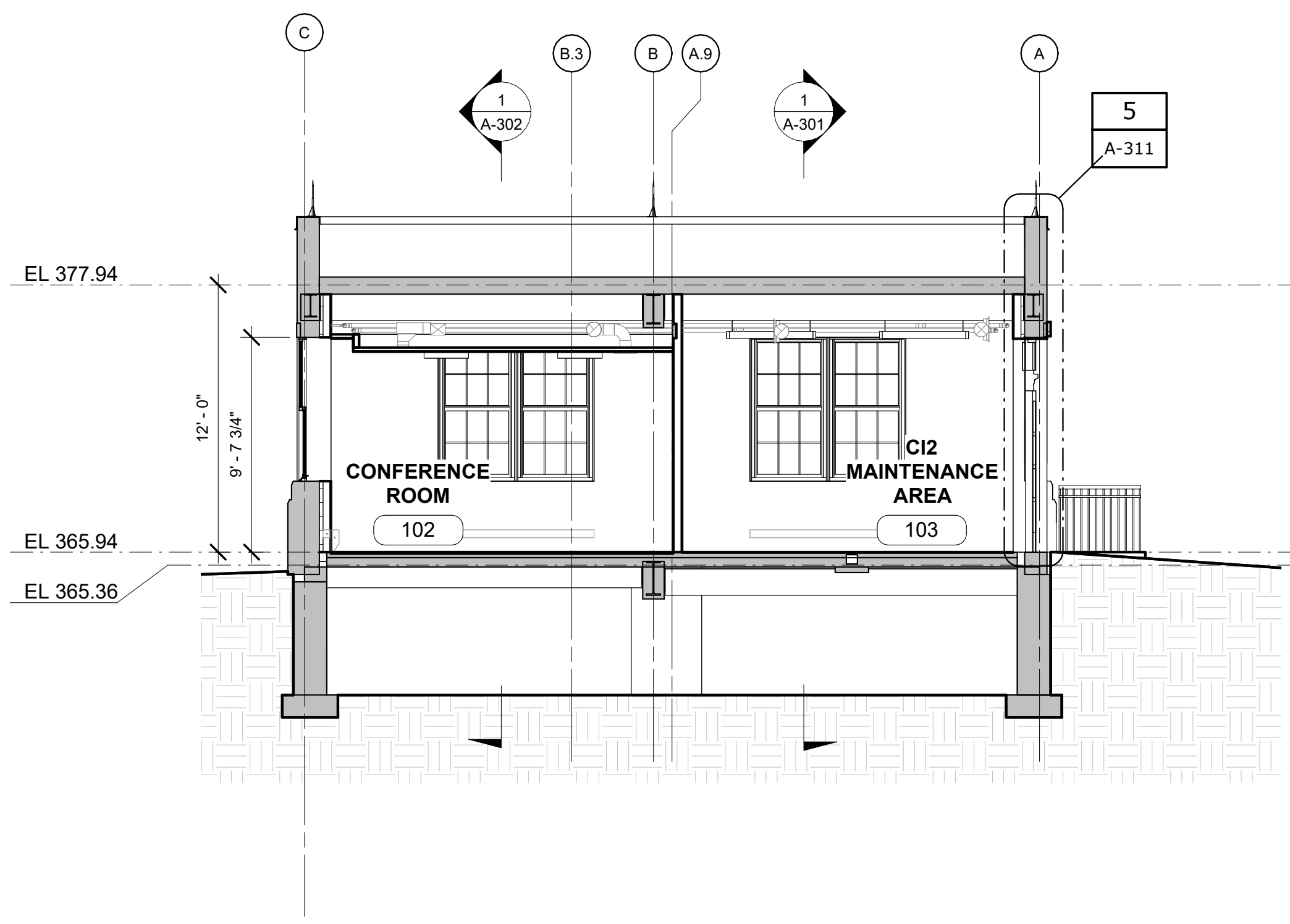
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PORTFOLIO MANAGER MARK DELBALZO, P.E.

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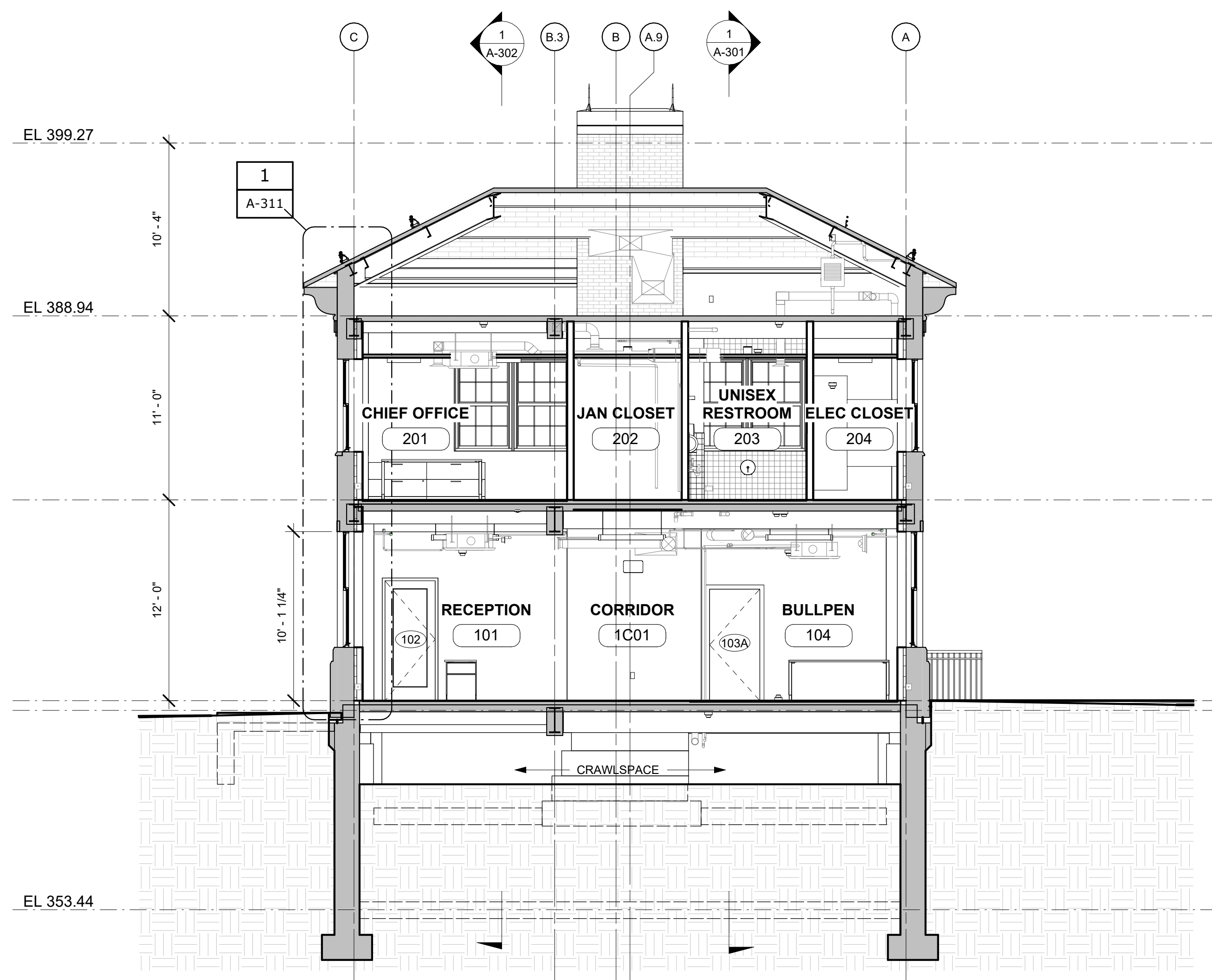
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BID SET	GRAPHIC SCALES CHECK BEFORE USE
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ARCHITECTURAL BUILDING SECTIONS	
DATE: MAY 2023	DRAWING NO. A-302
SCALE:	SHEET NO. OF No. 121 83

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1 TRANSVERSE SECTION 1
 A-303 SCALE: 3/16" = 1'-0"

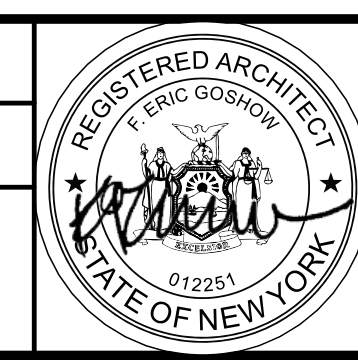


2 TRANSVERSE SECTION 2
 A-303 SCALE: 3/16" = 1'-0"

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CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.



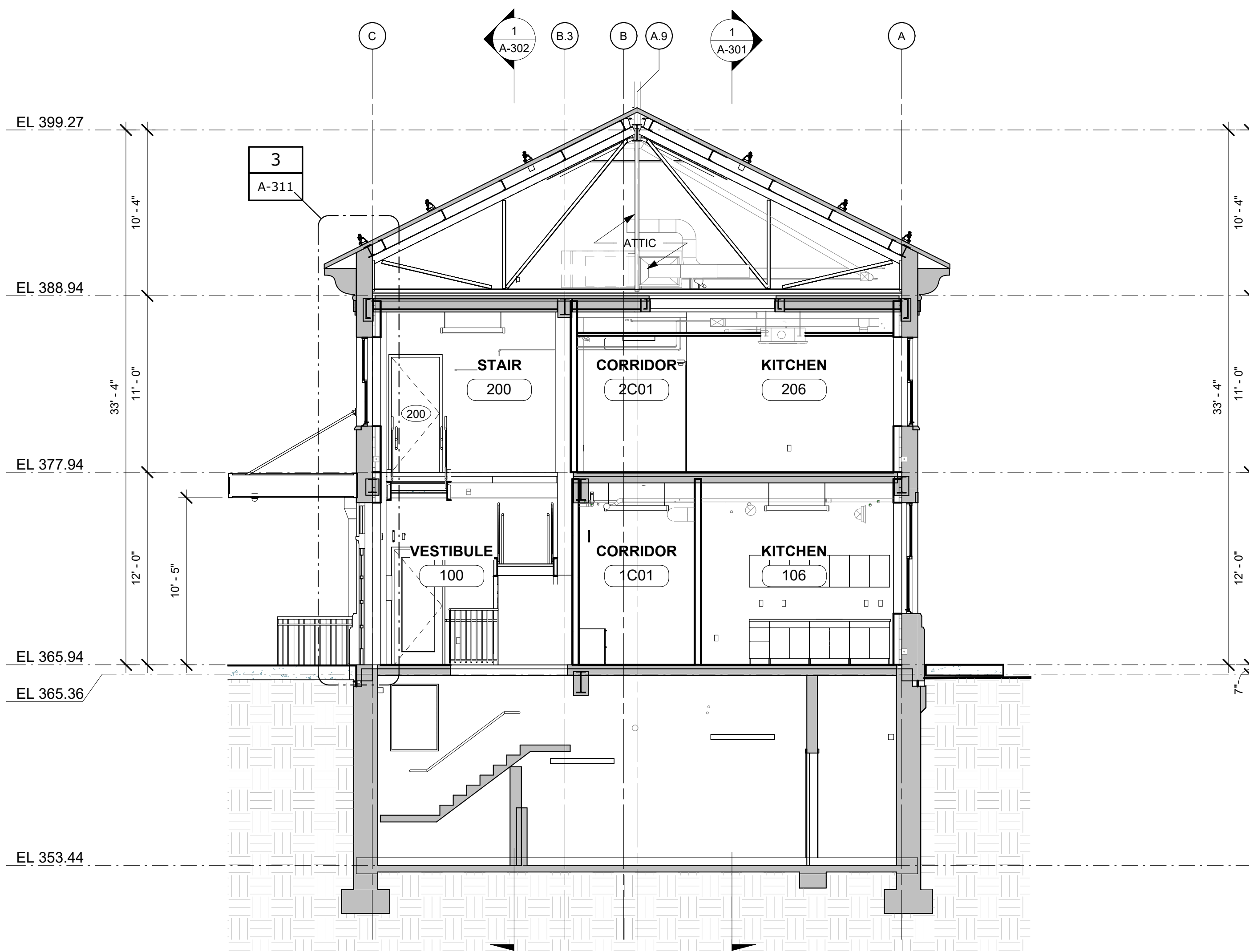
ACCOUNTABLE MANAGER JOSE NIEVES
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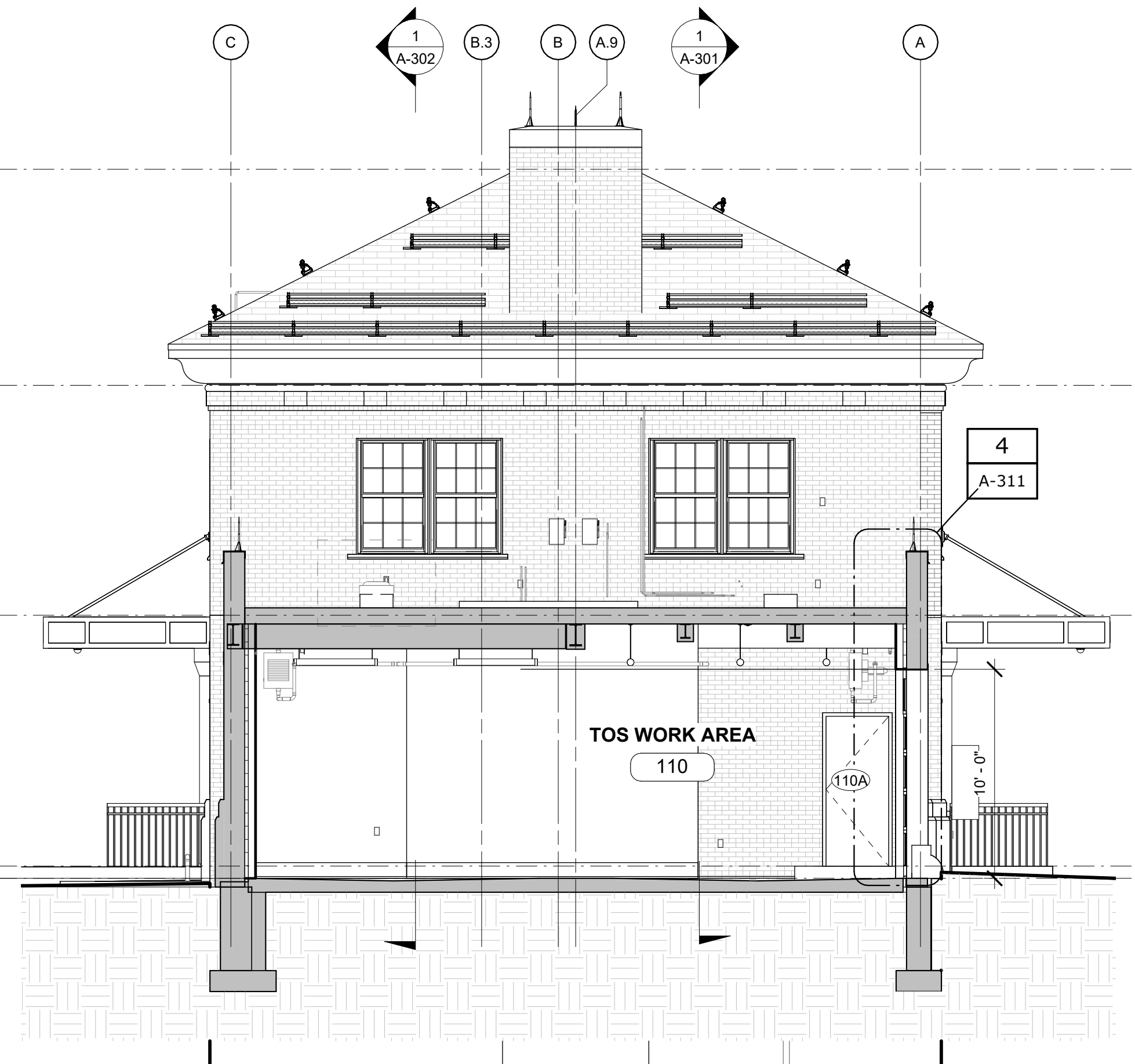
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	
ARCHITECTURAL BUILDING SECTIONS	
DATE: MAY 2023	SCALE:
SHEET NO: 84 OF No. 121	DRAWING NO. A-303

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1 TRANSVERSE SECTION 3
 A-304 SCALE: 3/16" = 1'-0"
 0 4 12 24

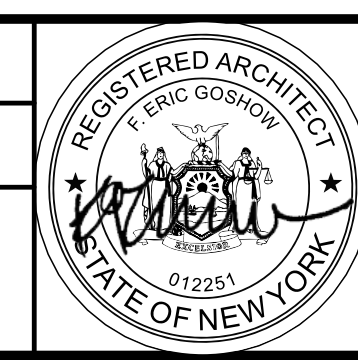


2 TRANSVERSE SECTION 4
 A-304 SCALE: 3/16" = 1'-0"
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PORTFOLIO MANAGER MARK DELBALZO, P.E.

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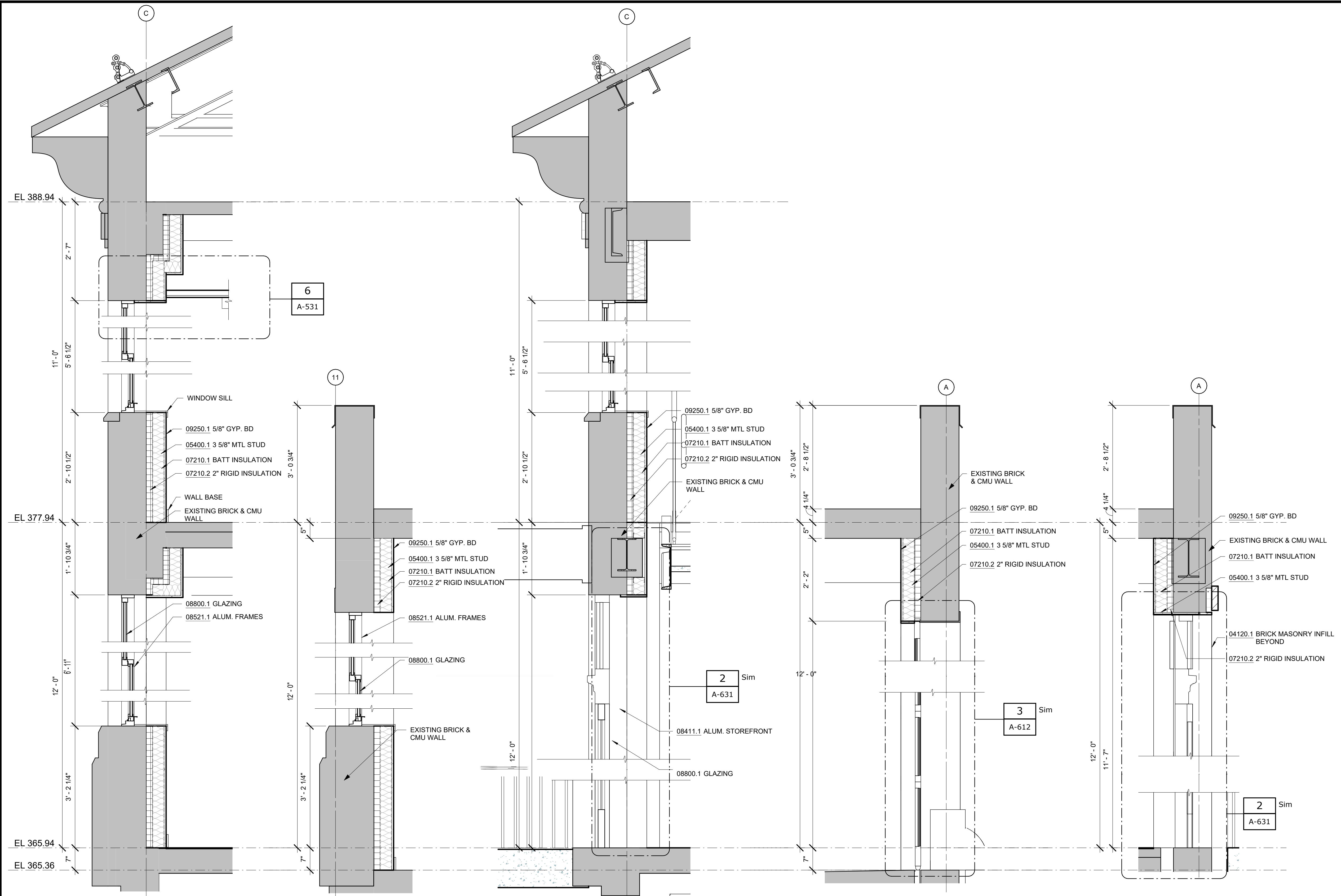
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ARCHITECTURAL BUILDING SECTIONS	
DATE: MAY 2023	SCALE:
SHEET NO: 85 OF No. 121	DRAWING NO. A-304

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NOTES - DETAILS

DIVISION 4	04120.1	BRICK MASONRY INFILL BEYOND	INFILL WALL WITH BRICK TO MATCH EXISTING
DIVISION 5	05400.1	3 5/8" MTL STUD	3 5/8" METAL STUD @ 16" O.C. TYP.
	05400.2	2 1/2" METAL STUD	2 1/2" METAL STUD @ 16" O.C. TYP.
	05501.2	ALUMINUM	CANOPY RECONSTRUCTION ZINC-ANNOIDIZED ALUMINUM FOLDING STAIRWAY WITH DROP-CEILING FRAME
	05501.3	ATTIC ACCESS HATCH	COMMERCIAL-GRADE ALUMINUM FOLDING STAIRWAY WITH DROP-CEILING FRAME
DIVISION 7	07210.1	BATT INSULATION	FOIL-FACED RECYCLED GLASS FIBER BATTS FOR INSULATION AND VAPOR RETARDER
	07210.2	<varies>	2" RIGID XPS INSULATION, R-5 PER INCH MIN.
	07540.1	ROOFING	SINGLE-PLY THERMOPLASTIC (PVC) MEMBRANE ROOFING
	07620.2	FLASHING	STAINLESS STEEL SHEET FLASHING
	07621.1	STRAINER ROOF DRAIN	4-1/2" DIAMETER CAST IRON CANOPY DRAIN WITH STRAINER
	07621.2	DOWNSPOUT	CUSTOM ZINC-ANNOIDIZED ALUMINUM DOWNSPOUT, DESIGN TO MATCH ORIGINAL LEAD-COATED COPPER DOWNSPOUT
	07900.1	CAULKING	CONTINUOUS CAULKING WITH BACKER ROD
	07900.2	SEALANT	J TRIM W/ SEALANT, TYP.
	07900.3	SEALANT	J TRIM W/ SEALANT, TYP.
DIVISION 8	08361.1	OVERHEAD DOOR	INSULATED ALUMINUM SECTIONAL OVERHEAD DOOR WITH VISION LITES
	08411.1	ALUM. STOREFRONT	
	08521.1	ALUM. FRAMES	
	08800.1	GLAZING	1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING
DIVISION 9	09206.1	METAL FURRING	
	09206.2	METAL FURRING CHANNEL CLIP	
	09206.3	1 1/2" STEEL RUNNING CHANNEL	
	09206.4	GAT CLIP	4B1.5L CAT. #16.59 SM (OR OTHER APPROVED MEANS)
	09206.5	MAIN TEE	24" OC MAX. SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC)
	09206.6	<varies>	<varies>
	09250.1	5/8" GYP. BD	
	09250.2	J BEAD	GYP BD J CASING BEAD, TAPE AND SPACKLE
	09250.3	TRIM	1" X 1" CORNER TRIM W/ SEALANT BED
	09250.4	TRIM	1/4" DIA. GALV. STEEL ROD, NOT TO EXCEED 4'-0" OC
	09250.5	STEEL ROD	3/4" EXTERIOR CEMENT BOARD SOFFIT PANELS
	09250.6	CEMENT PANELS	
	09511.1	ACT CEILING	
	09511.2	CROSS TEE	1 1/2" HIGH, 2'-0" OC



1 WALL SECT 1 A-311 SCALE: 3/4" = 1'-0" **2 WALL SECT 2** A-311 SCALE: 3/4" = 1'-0" **3 WALL SECT 3** A-311 SCALE: 3/4" = 1'-0" **4 WALL SECT 4** A-311 SCALE: 3/4" = 1'-0" **5 WALL SECT 5** A-311 SCALE: 3/4" = 1'-0"

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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DESIGNED BY:
E. CLAASSEN

CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
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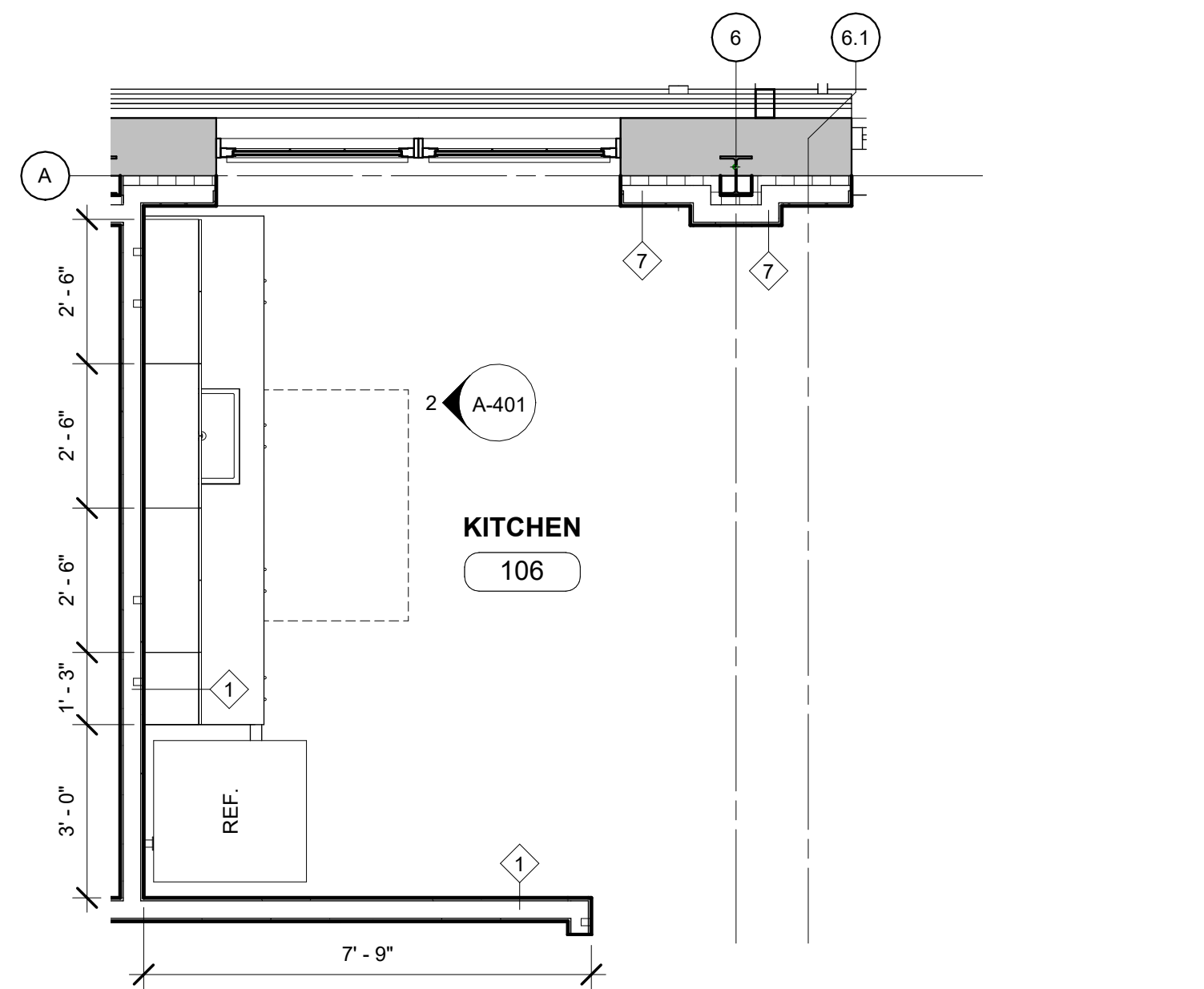
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624

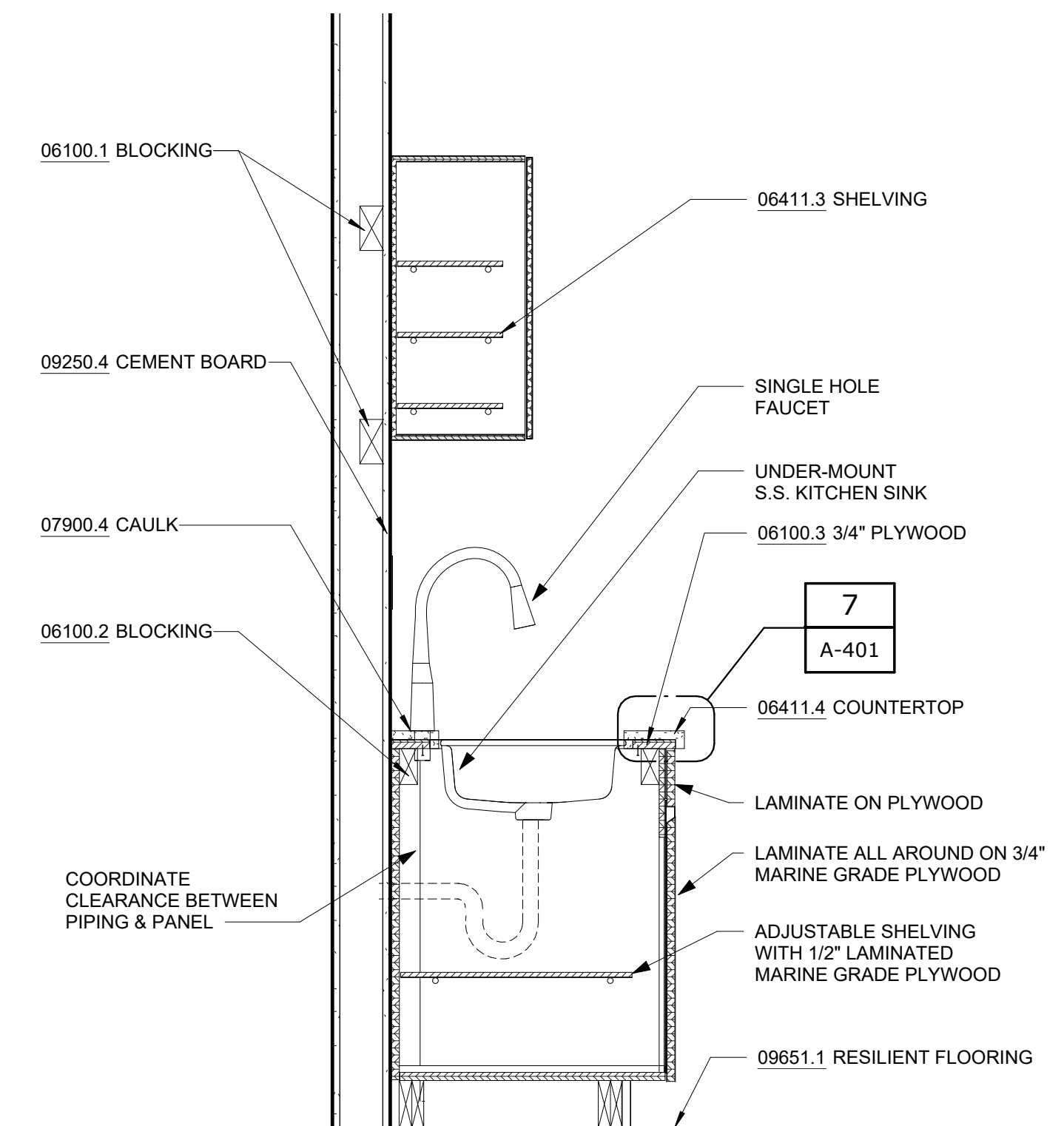
ARCHITECTURAL WALL SECTIONS

DATE: MAY 2023
SCALE:
SHEET NO: 86 OF No. 121
DRAWING NO: A-311

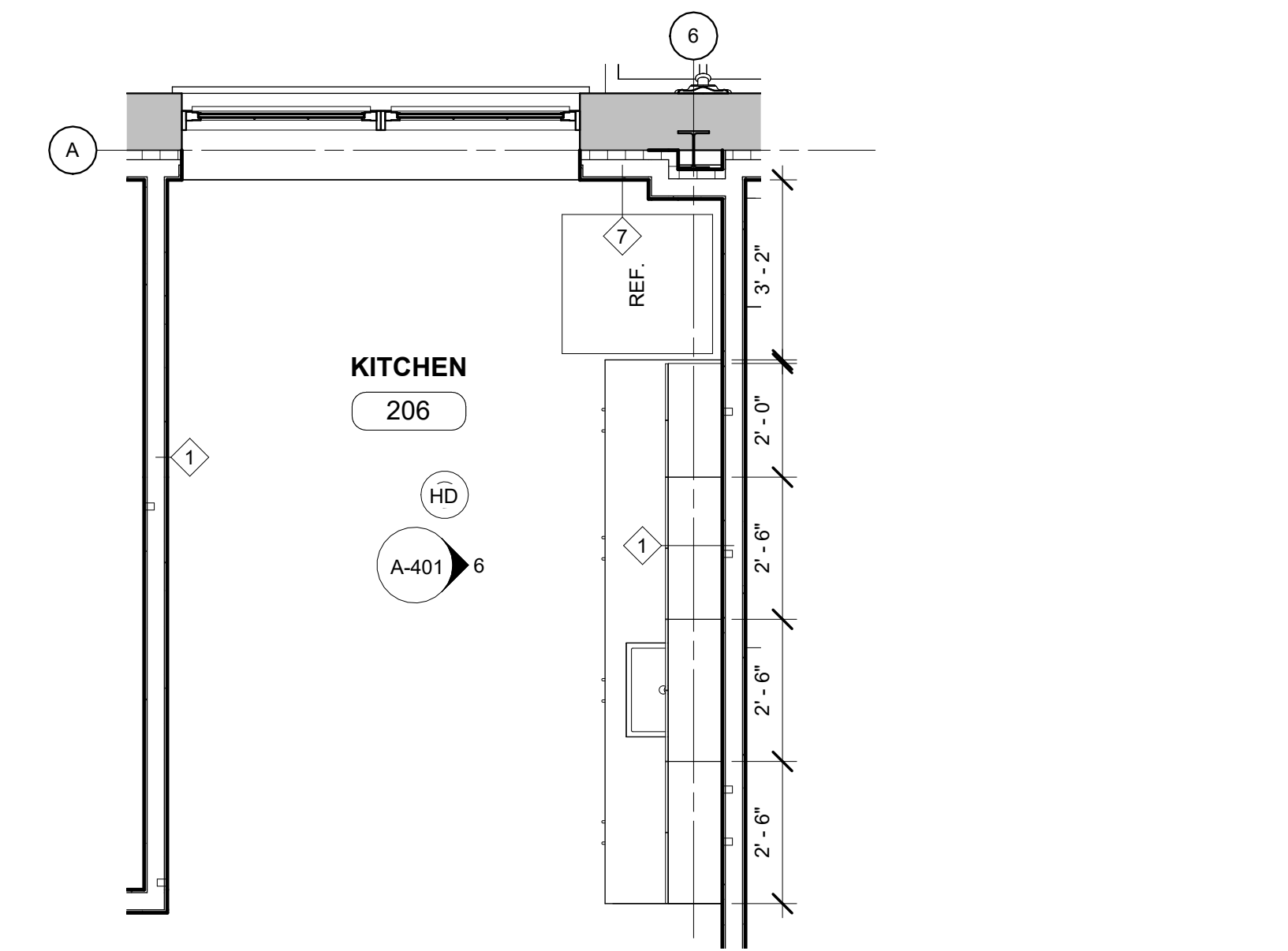
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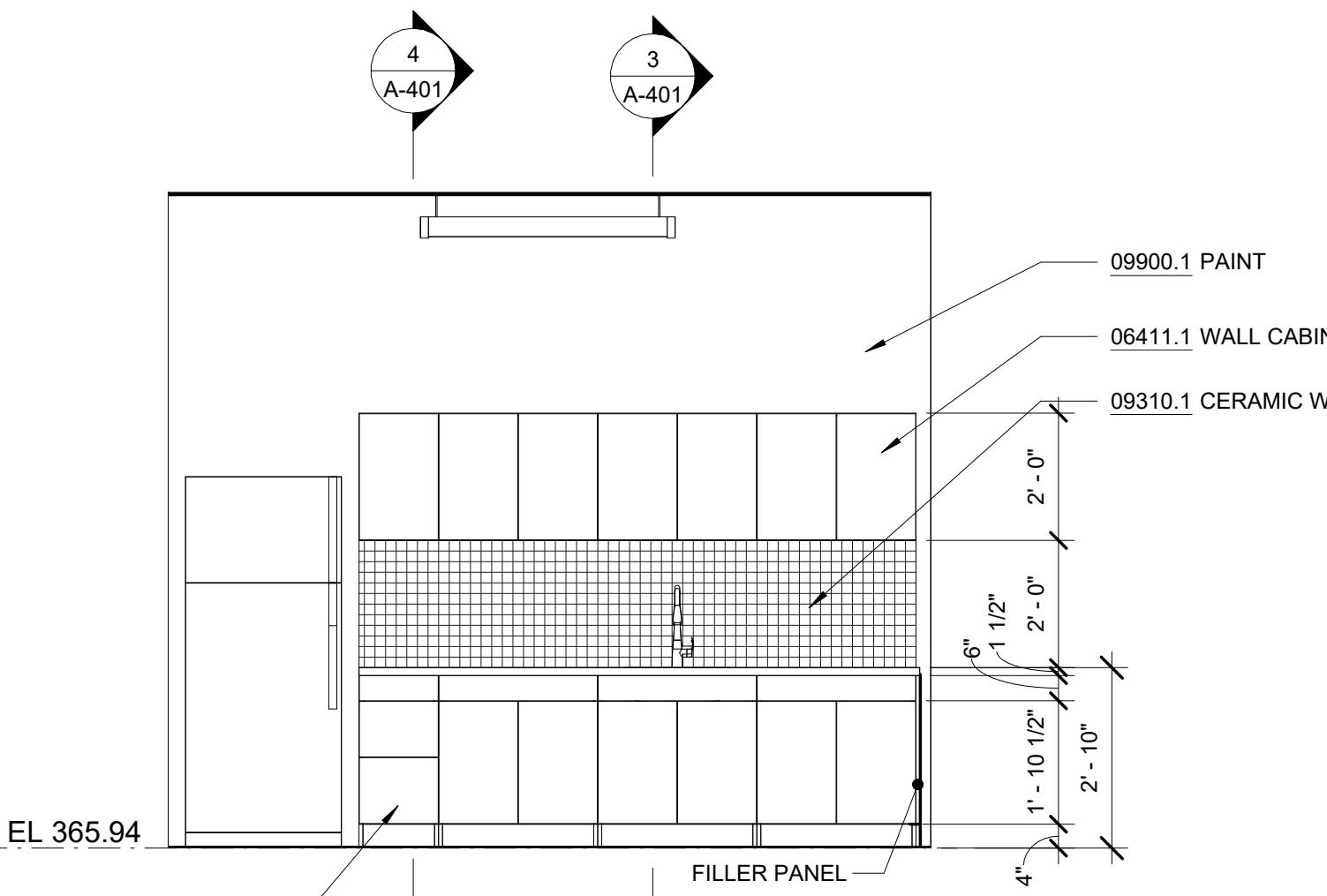
1 ENLARGED FIRST FLOOR KITCHEN PLAN
A-401 SCALE: 3/8" = 1'-0"



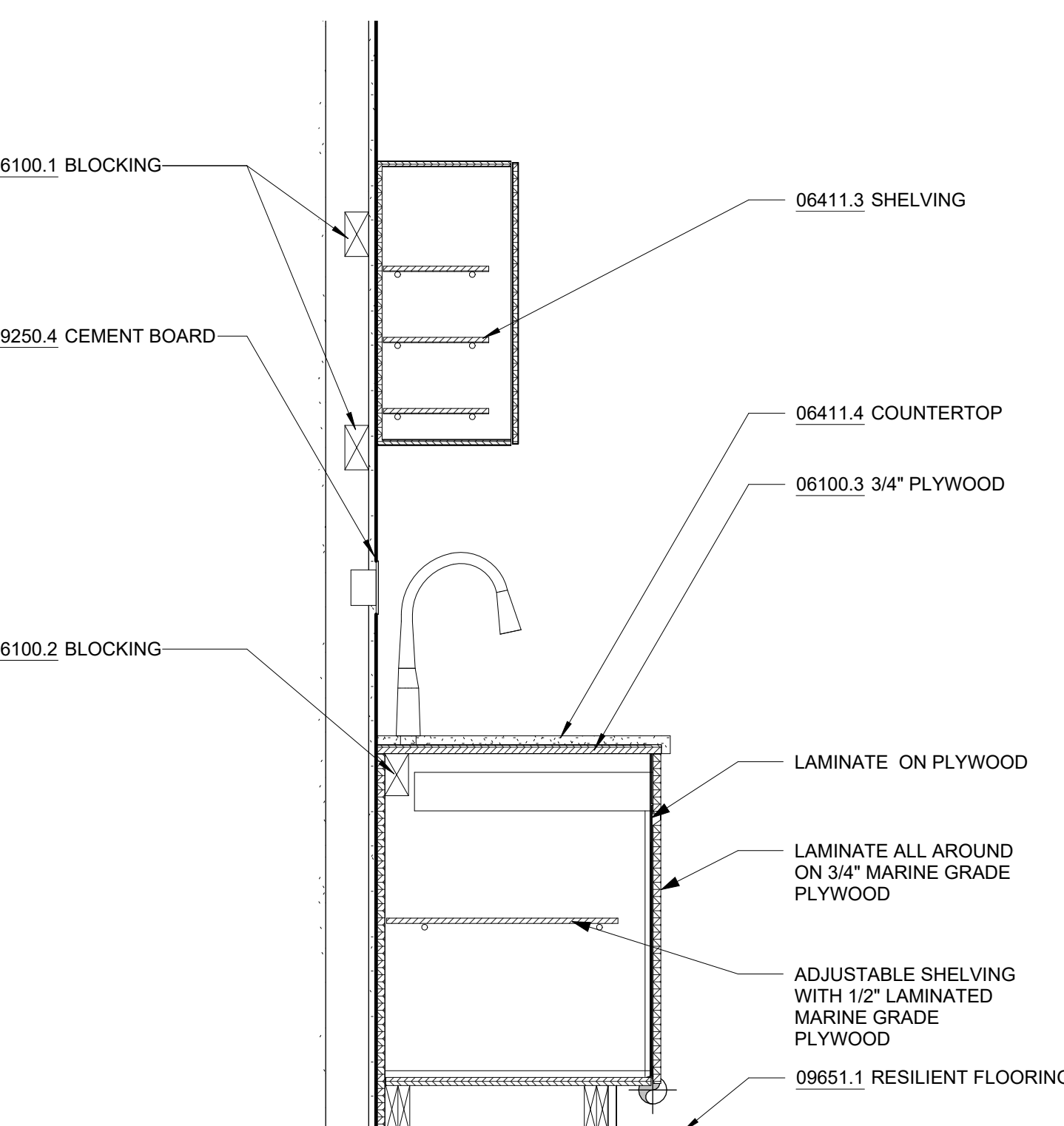
3 KITCHENETTE CABINETRY SECTION THRU SINK
A-401 SCALE: 1" = 1'-0"



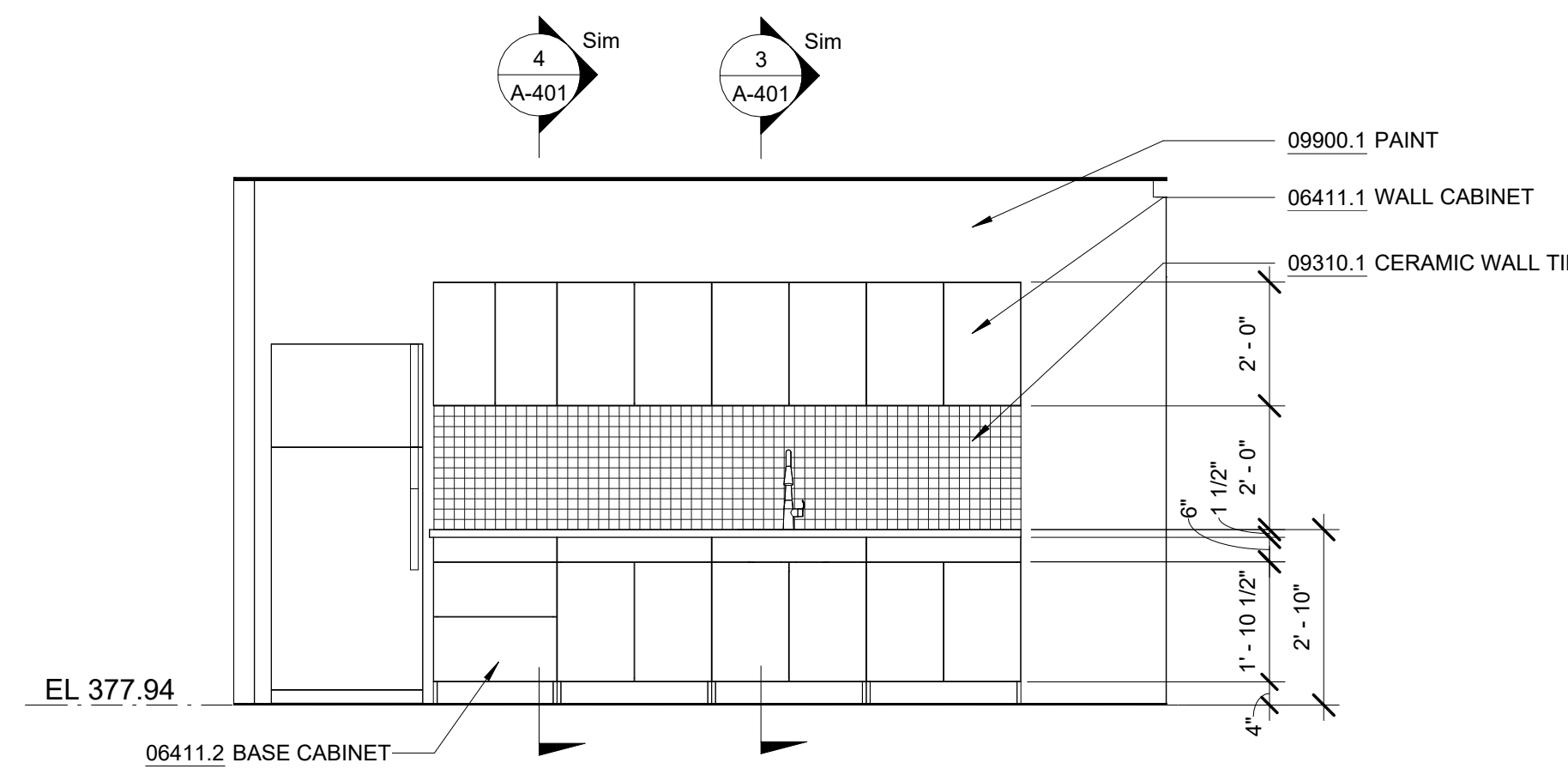
5 ENLARGED SECOND FLOOR KITCHEN PLAN
A-401 SCALE: 3/8" = 1'-0"



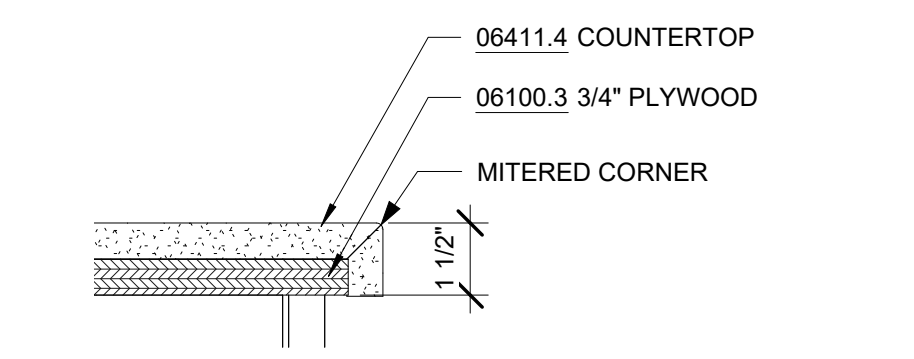
2 FIRST FLOOR KITCHEN ELEVATION
A-401 SCALE: 3/8" = 1'-0"



4 KITCHENETTE CABINETRY SECTION
A-401 SCALE: 1" = 1'-0"



6 SECOND FLOOR KITCHEN ELEVATION
A-401 SCALE: 3/8" = 1'-0"



7 DETAIL - COUNTERTOP EDGE
A-401 SCALE: 3" = 1'-0"

NOTES - KITCHEN

- DIVISION 6
 - 06100.1 BLOCKING PROVIDE CONTINUOUS WOOD BLOCKING
 - 06100.2 BLOCKING CONTINUOUS WALL CLEAT ANCHORED TO WALL
 - 06100.3 3/4" PLYWOOD 3/4" MARINE GRADE PLYWOOD, TYP.
 - 06411.1 WALL CABINET SOLID WOOD WALL CABINET, LAMINATE FINISH
 - 06411.2 BASE CABINET SOLID WOOD BASE CABINET, LAMINATE FINISH
 - 06411.3 SHELVING ADJUSTABLE SHELVING WITH 1/2" LAMINATED MARINE GRADE PLYWOOD
 - 06411.4 COUNTERTOP 3/4" ENGINEERED STONE COUNTERTOP
- DIVISION 7
 - 07900.4 CAULK CAULK JOINT AT WALL BETWEEN WALL AND COUNTER W/ CLEAR SEALANT
- DIVISION 9
 - 09250.4 CEMENT BOARD 5/8" CEMENT BACKER BOARD
 - 09310.1 CERAMIC WALL TILE COLOR TO MATCH ARCHITECT'S SAMPLE
 - 09651.1 RESILIENT FLOORING VINYL COMPOSITE TILE (VCT), 12" X 12"
 - 09900.1 PAINT COLOR TO MATCH ARCHITECT'S SAMPLE

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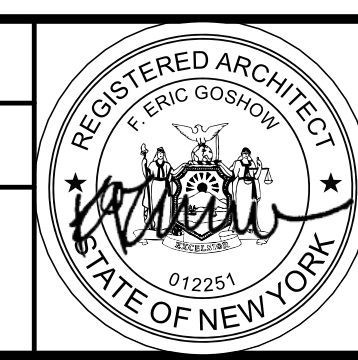
DESIGNED BY:
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CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

ARCHITECTURAL
ENLARGED KITCHEN PLANS, ELEVATIONS, AND
DETAILS

DATE: MAY 2023
SCALE:
SHEET NO:
87 OF No. 121
DRAWING NO.
A-401

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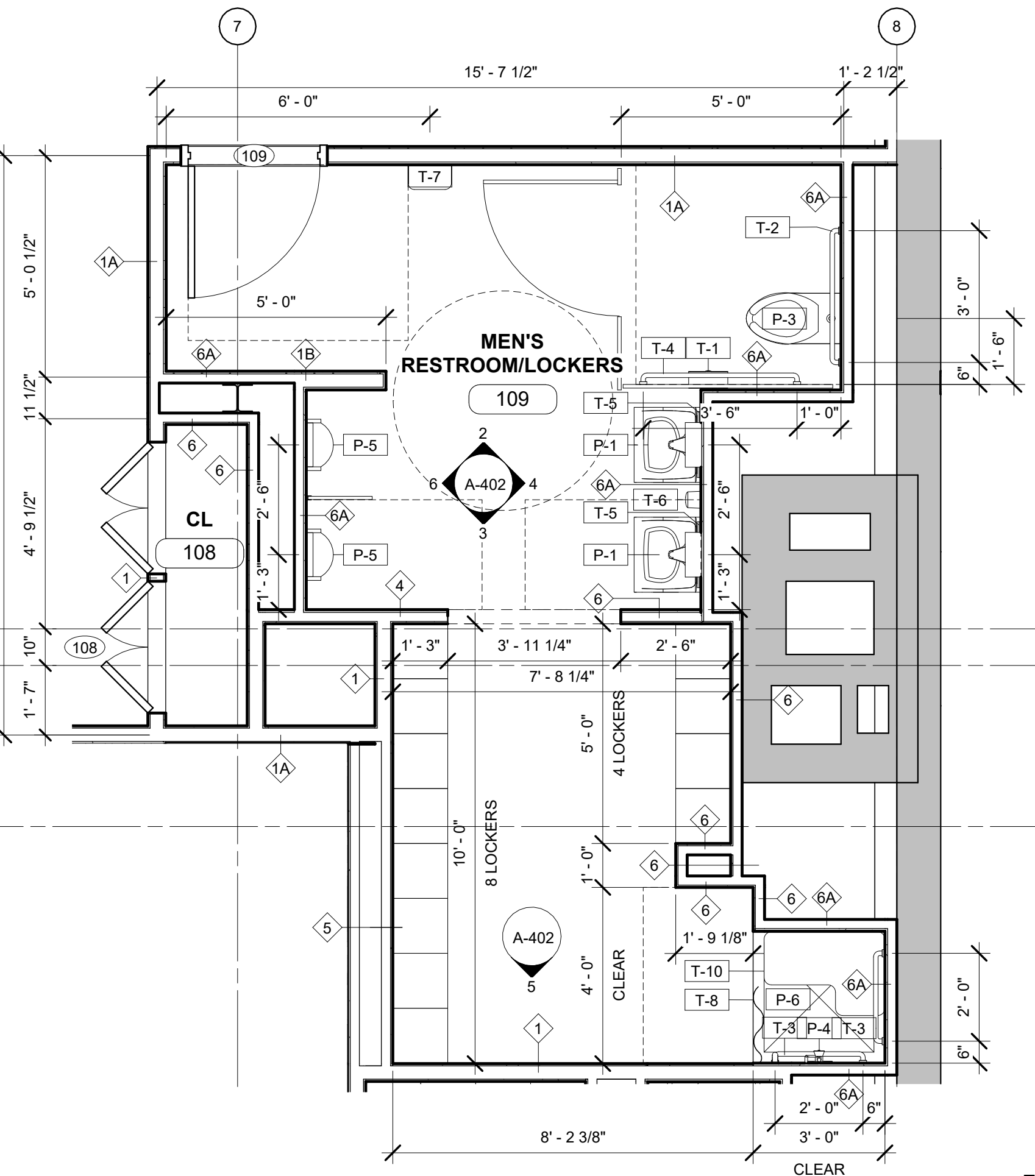
NOTES - BATHROOM

DIVISION 9		
09310.1	CERAMIC WALL TILE	COLOR TO MATCH ARCHITECT'S SAMPLE
09900.1	PAINT	COLOR TO MATCH ARCHITECT'S SAMPLE
DIVISION 10		
10500.1	LOCKERS	15" W X 15" D X 72" H STEEL LOCKER WITH ENAMEL FINISH

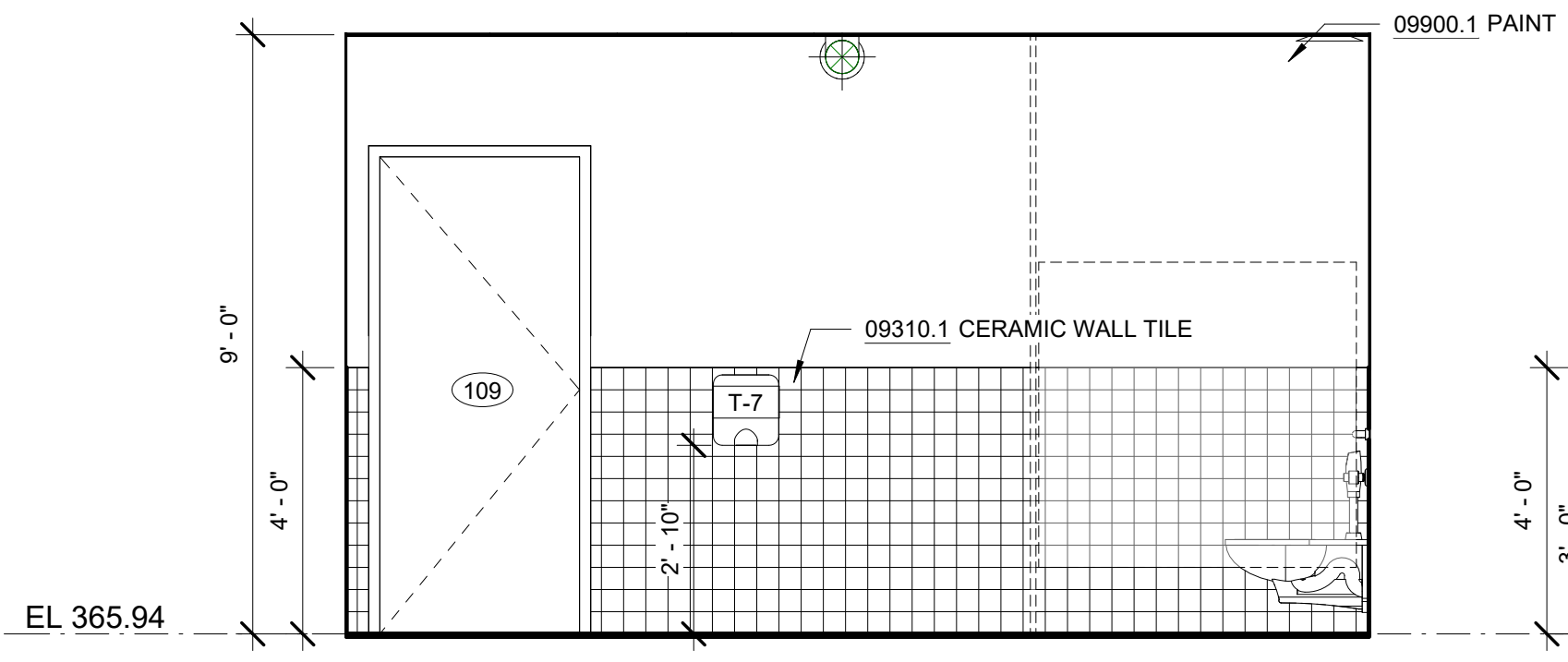
NOTE:
PER COVID-19 PREVENTION MEASURES, EQUIP ALL WATER CLOSETS WITH LIDS AND POST APPROPRIATE SIGNAGE AT ALL WATER CLOSETS TO PREVENT AEROSOLIZATION DURING FLUSHING.

PLUMBING FIXTURE SCHEDULE	
TYPE MARK	DESCRIPTION
P-1	SINK WALL MOUNTED
P-2	FAUCET
P-3	WATER CLOSET WALL MOUNTED
P-4	HAND SHOWER
P-5	URINAL
P-6	SHOWER STALL

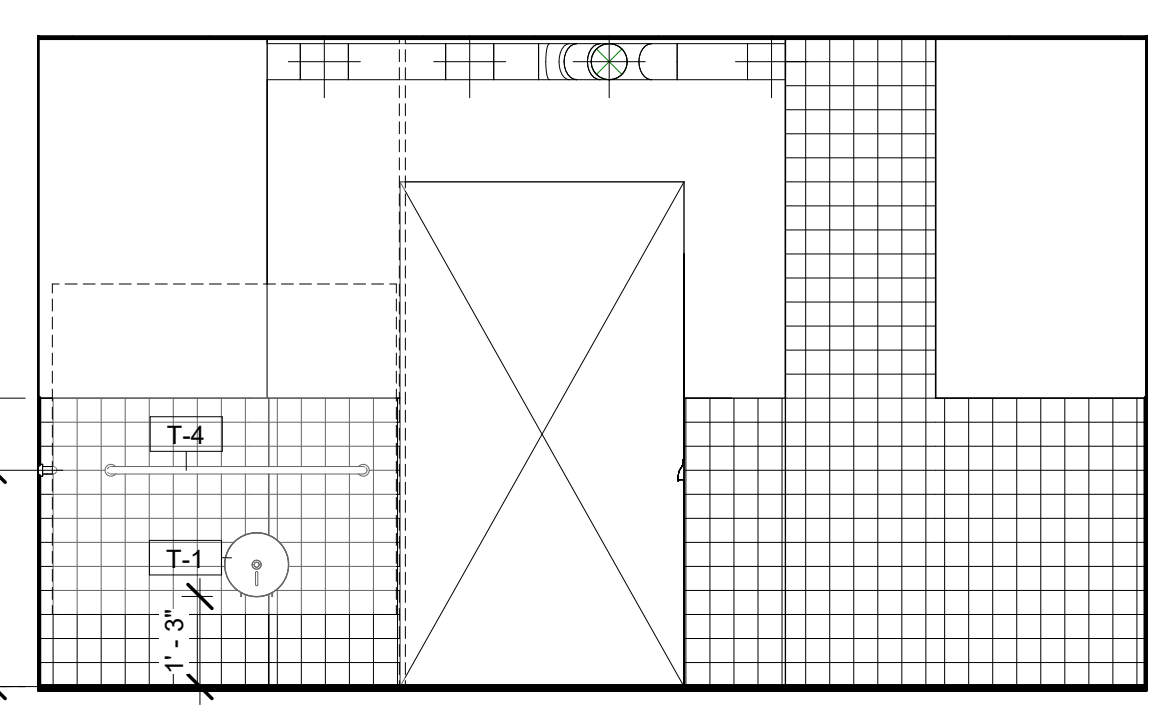
TOILET ACCESSORIES SCHEDULE	
TYPE MARK	DESCRIPTION
T-1	TOILET PAPER DISPENSER
T-2	GRAB BAR - 36"
T-3	SHOWER GRAB BAR - 24"
T-4	GRAB BAR - 42"
T-5	MIRROR
T-6	SOAP DISPENSER
T-7	HAND DRYER
T-8	SHOWER CURTAIN
T-9	SHOWER CURTAIN ROD
T-10	ADA SHOWER SEAT
T-11	SHOWER GRAB BAR VERTICAL - 18"



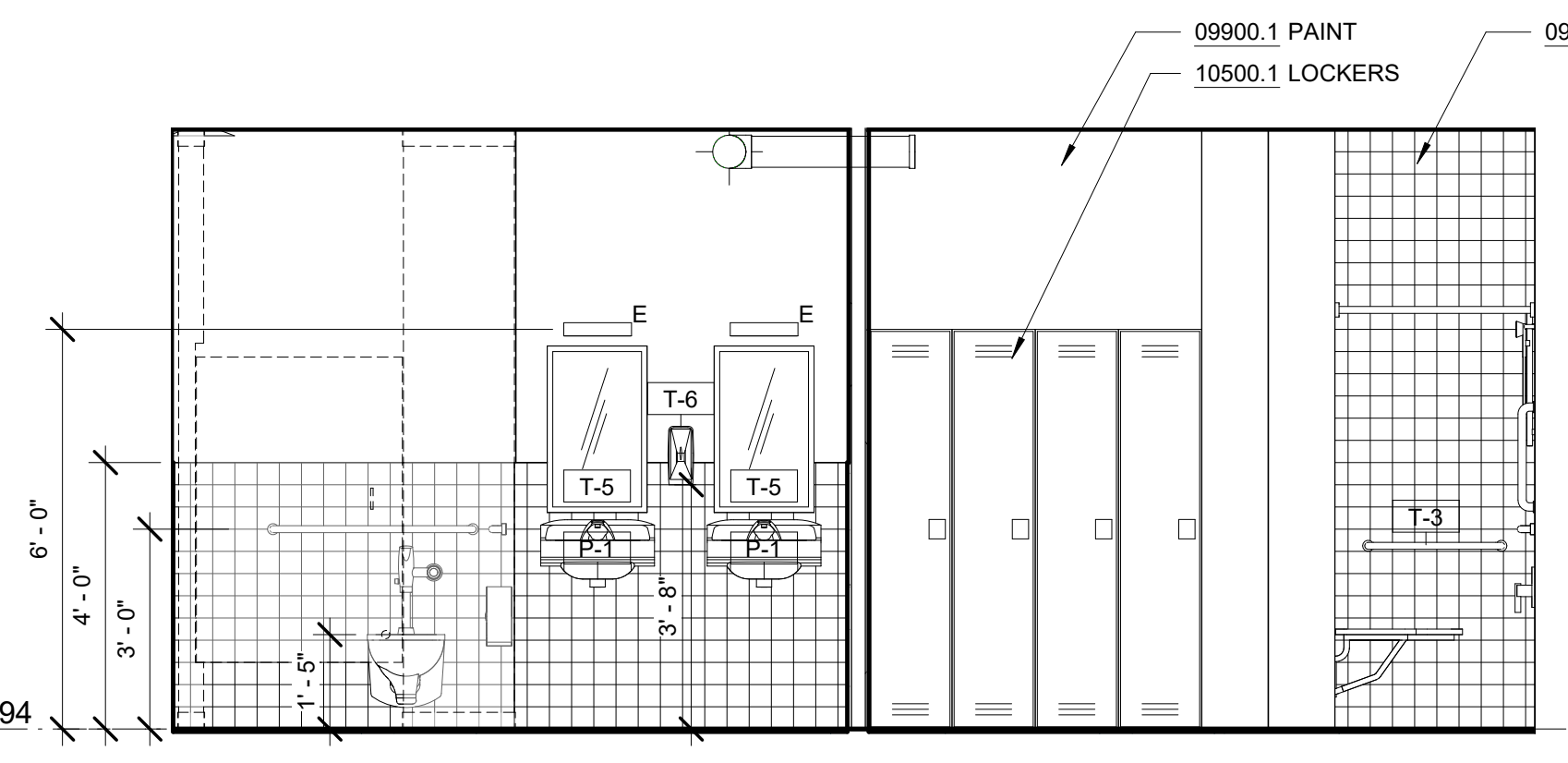
1 ENLARGED MEN'S RESTROOM AND LOCKER ROOM FLOOR PLAN
A-402 SCALE: 3/8" = 1'-0"



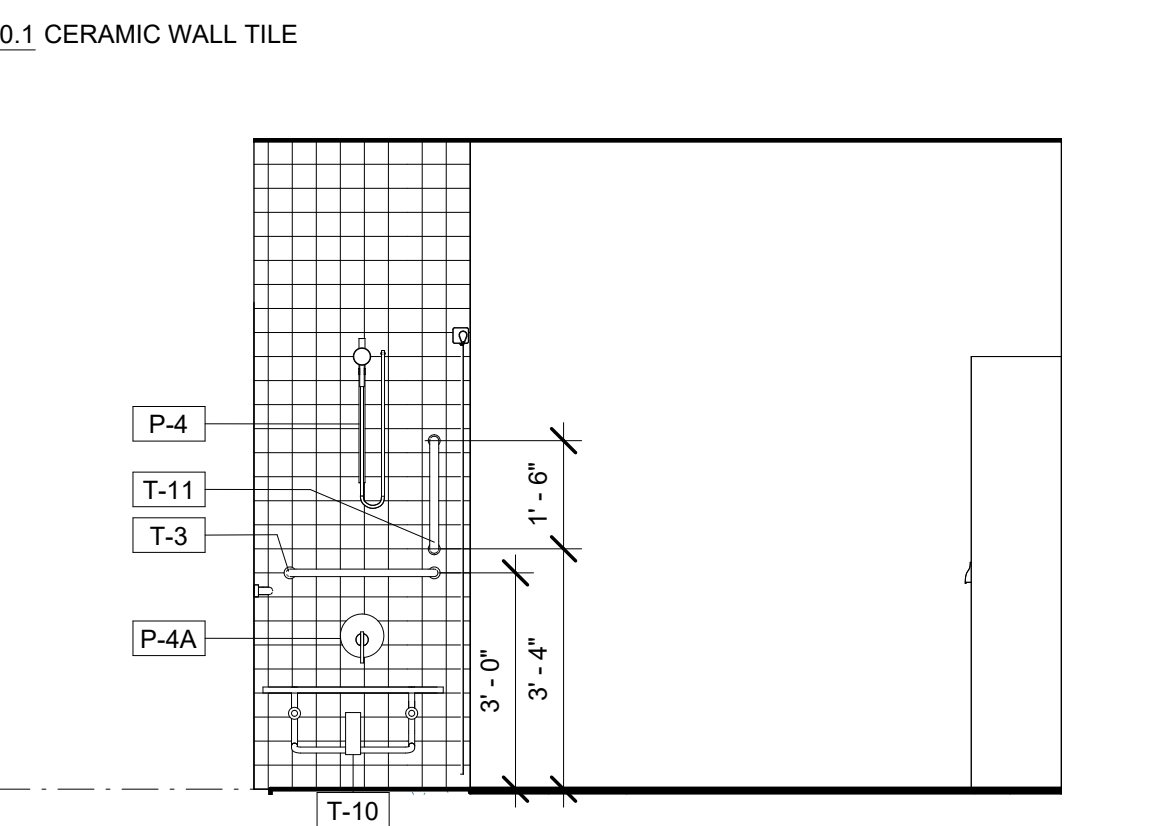
2 MEN'S RESTROOM - EAST ELEVATION
A-402 SCALE: 3/8" = 1'-0"



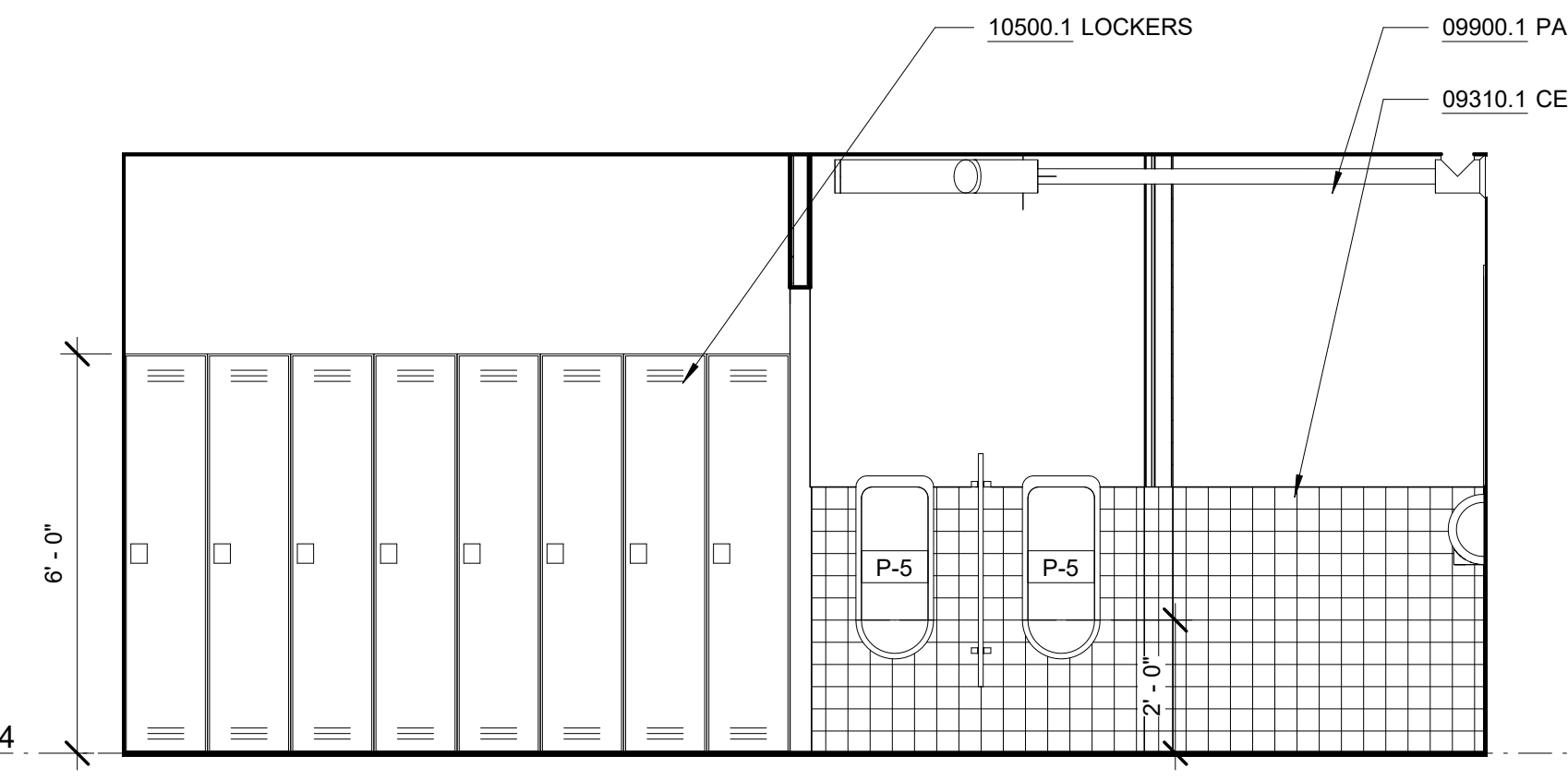
3 MEN'S RESTROOM - WEST ELEVATION
A-402 SCALE: 3/8" = 1'-0"



4 MEN'S RESTROOM - SOUTH ELEVATION
A-402 SCALE: 3/8" = 1'-0"



5 MEN'S RESTROOM - WEST ELEVATION 2
A-402 SCALE: 3/8" = 1'-0"



6 MEN'S RESTROOM - NORTH ELEVATION
A-402 SCALE: 3/8" = 1'-0"

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
E. CLAASSEN

DRAWN BY:
S. KINARD

CHECKED BY:
F.E. GOSHOW

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

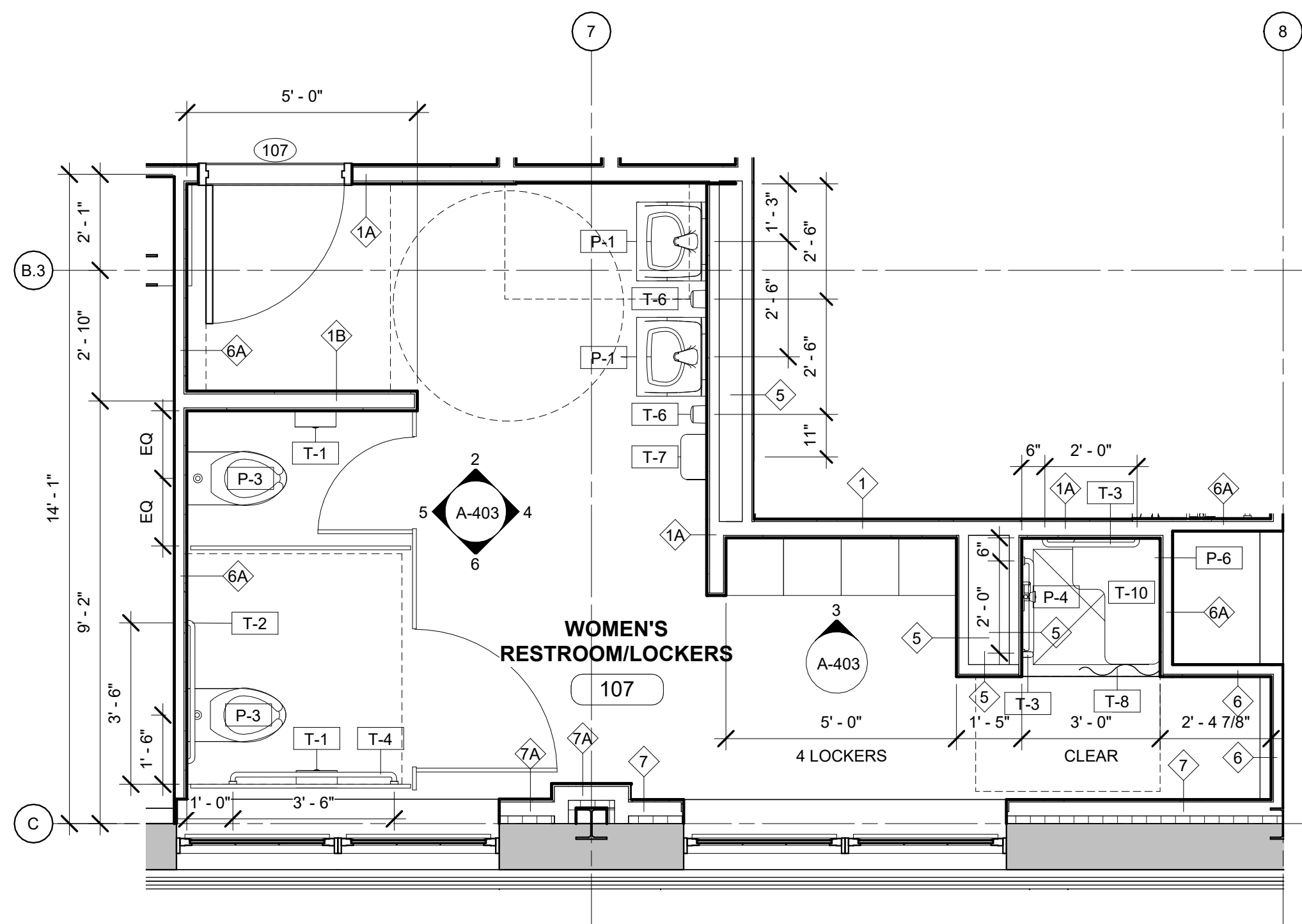
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624

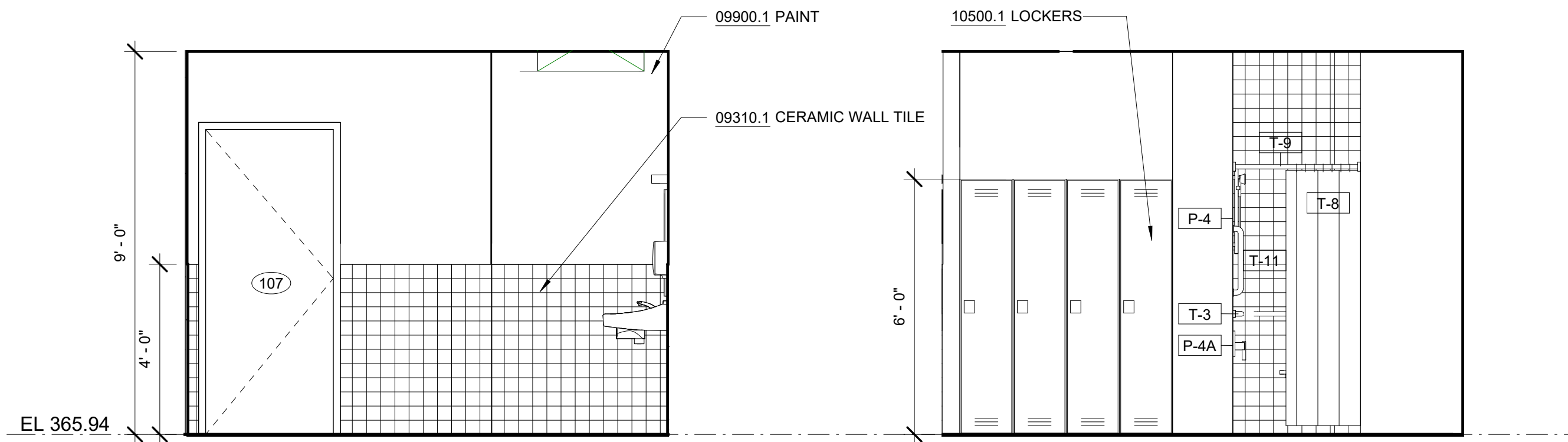
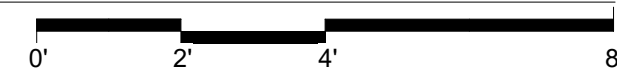
ARCHITECTURAL ENLARGED FIRST FLOOR TOILET ROOMS PLAN AND ELEVATIONS

DATE: MAY 2023
SCALE:
SHEET NO:
88 OF No. 121
DRAWING NO.
A-402



1 ENLARGED PLAN - WOMEN'S RESTROOM AND LOCKER ROOM

A-403 SCALE: 3/8" = 1'-0"

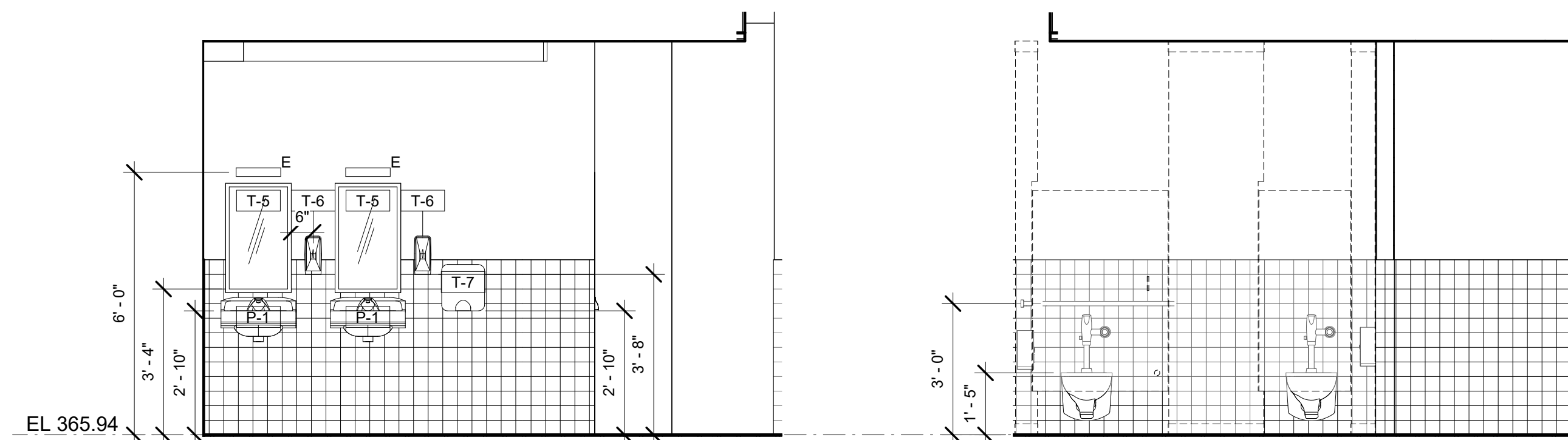


2 WOMEN'S RESTROOM - EAST ELEVATION

A-403 SCALE: 3/8" = 1'-0"

3 WOMEN'S LOCKER ROOM - EAST ELEVATION

A-403 SCALE: 3/8" = 1'-0"

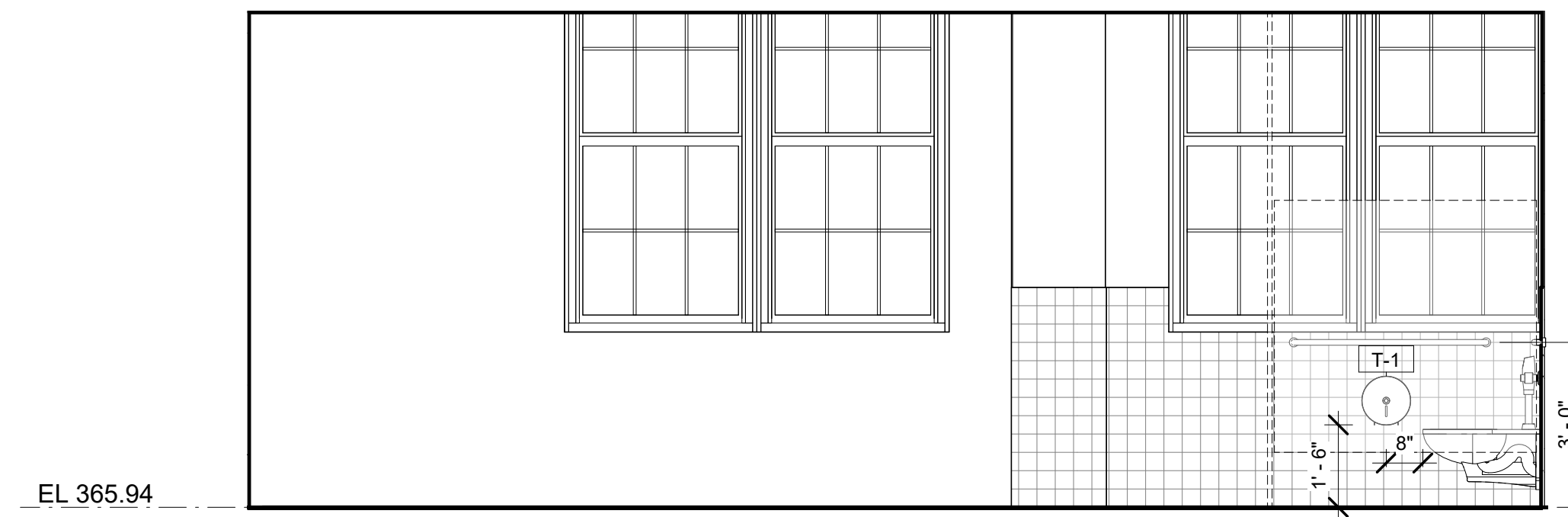


4 WOMEN'S RESTROOM - SOUTH ELEVATION

A-403 SCALE: 3/8" = 1'-0"

5 WOMEN'S RESTROOM - NORTH ELEVATION

A-403 SCALE: 3/8" = 1'-0"



6 WOMEN'S RESTROOM - WEST ELEVATION

A-403 SCALE: 3/8" = 1'-0"

NOTES - BATHROOM

DIVISION 9	09310.1 CERAMIC WALL TILE	COLOR TO MATCH ARCHITECT'S SAMPLE
	09900.1 PAINT	COLOR TO MATCH ARCHITECT'S SAMPLE
DIVISION 10	10500.1 LOCKERS	15" W X 15" D X 72" H STEEL LOCKER WITH ENAMEL FINISH

NOTE:
PER COVID-19 PREVENTION MEASURES, EQUIP ALL WATER CLOSETS WITH LIDS AND POST APPROPRIATE SIGNAGE AT ALL WATER CLOSETS TO PREVENT AEROSOLIZATION DURING FLUSHING.

PLUMBING FIXTURE SCHEDULE

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T-8	SHOWER CURTAIN
T-9	SHOWER CURTAIN ROD
T-10	ADA SHOWER SEAT
T-11	SHOWER GRAB BAR VERTICAL - 18"

BID SET

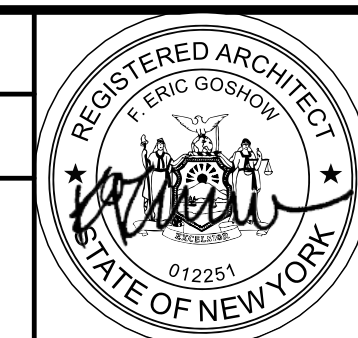
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.
Hazen	



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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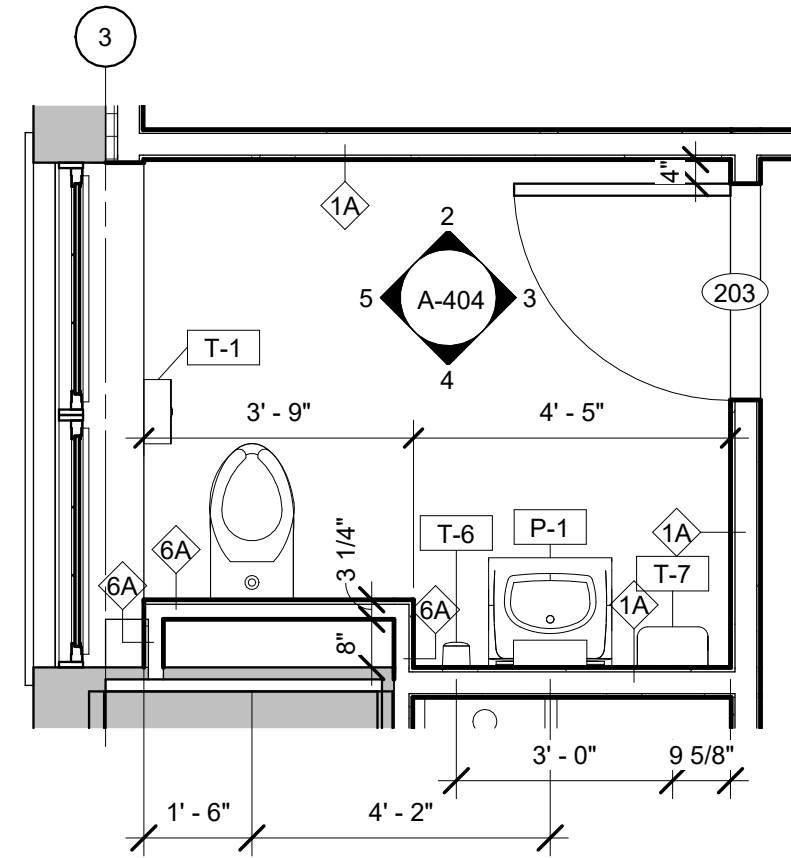
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624
ARCHITECTURAL ENLARGED FIRST FLOOR TOILET ROOMS PLAN AND ELEVATIONS

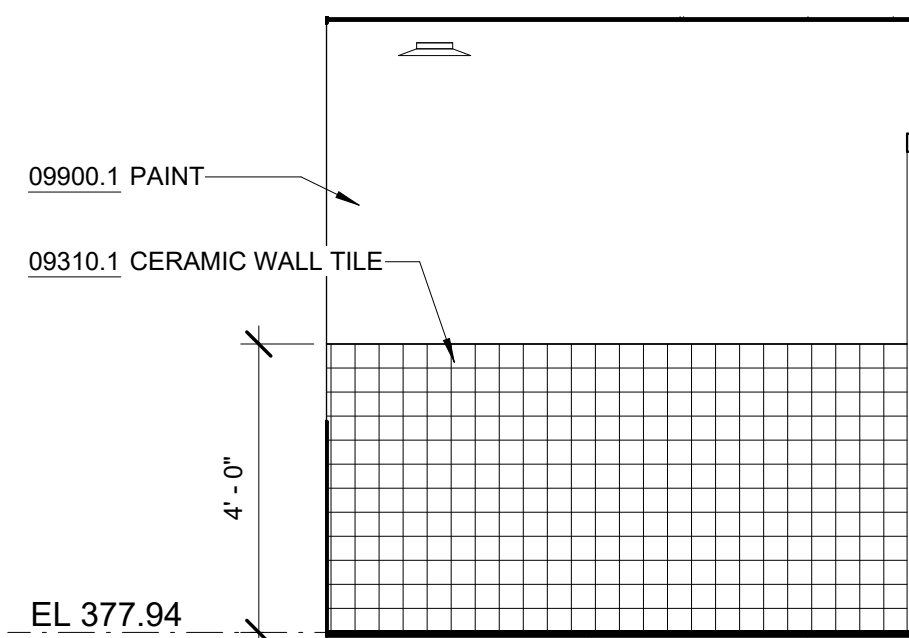
DATE: MAY 2023
SCALE:
SHEET NO: 89 OF No. 121
DRAWING NO. A-403

NOTES - BATHROOM

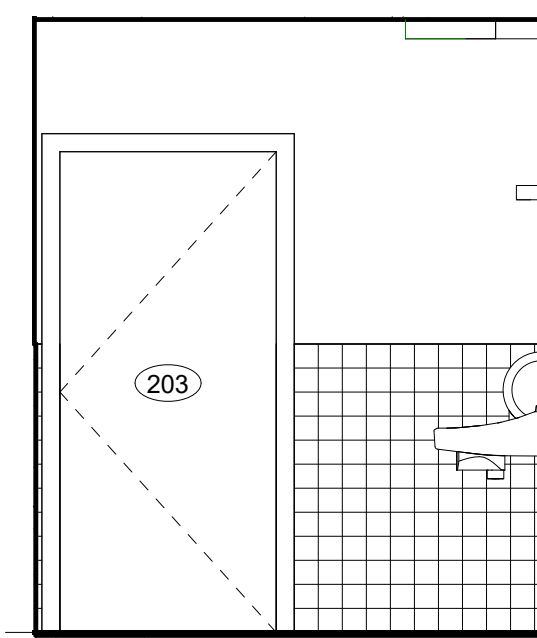
DIVISION 9		
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09900.1	PAINT	COLOR TO MATCH ARCHITECT'S SAMPLE
DIVISION 10		
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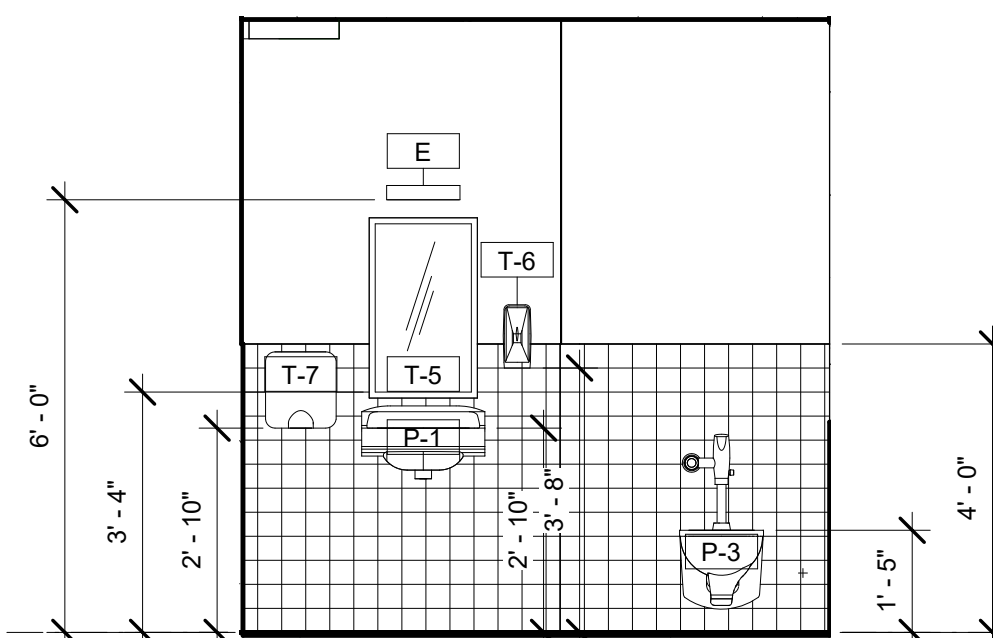
1 ENLARGED PLAN - UNISEX RESTROOM
A-404 SCALE: 3/8" = 1'-0"



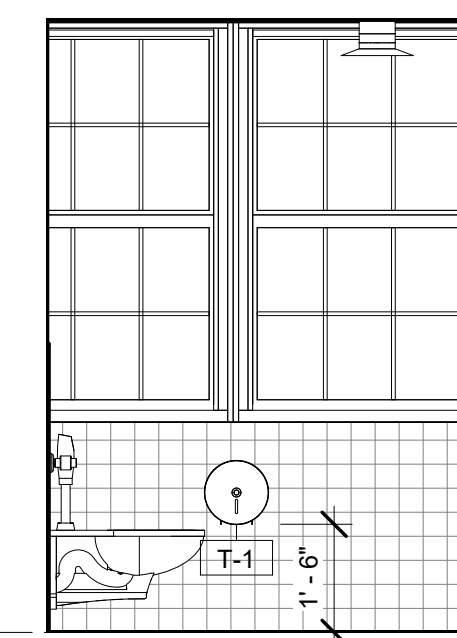
2 UNISEX RESTROOM - EAST ELEVATION
A-404 SCALE: 3/8" = 1'-0"



3 UNISEX RESTROOM - SOUTH ELEVATION
A-404 SCALE: 3/8" = 1'-0"



4 UNISEX RESTROOM - WEST ELEVATION
A-404 SCALE: 3/8" = 1'-0"



5 UNISEX RESTROOM - NORTH ELEVATION
A-404 SCALE: 3/8" = 1'-0"

NOTE:
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
E. CLAASSEN
CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD
DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

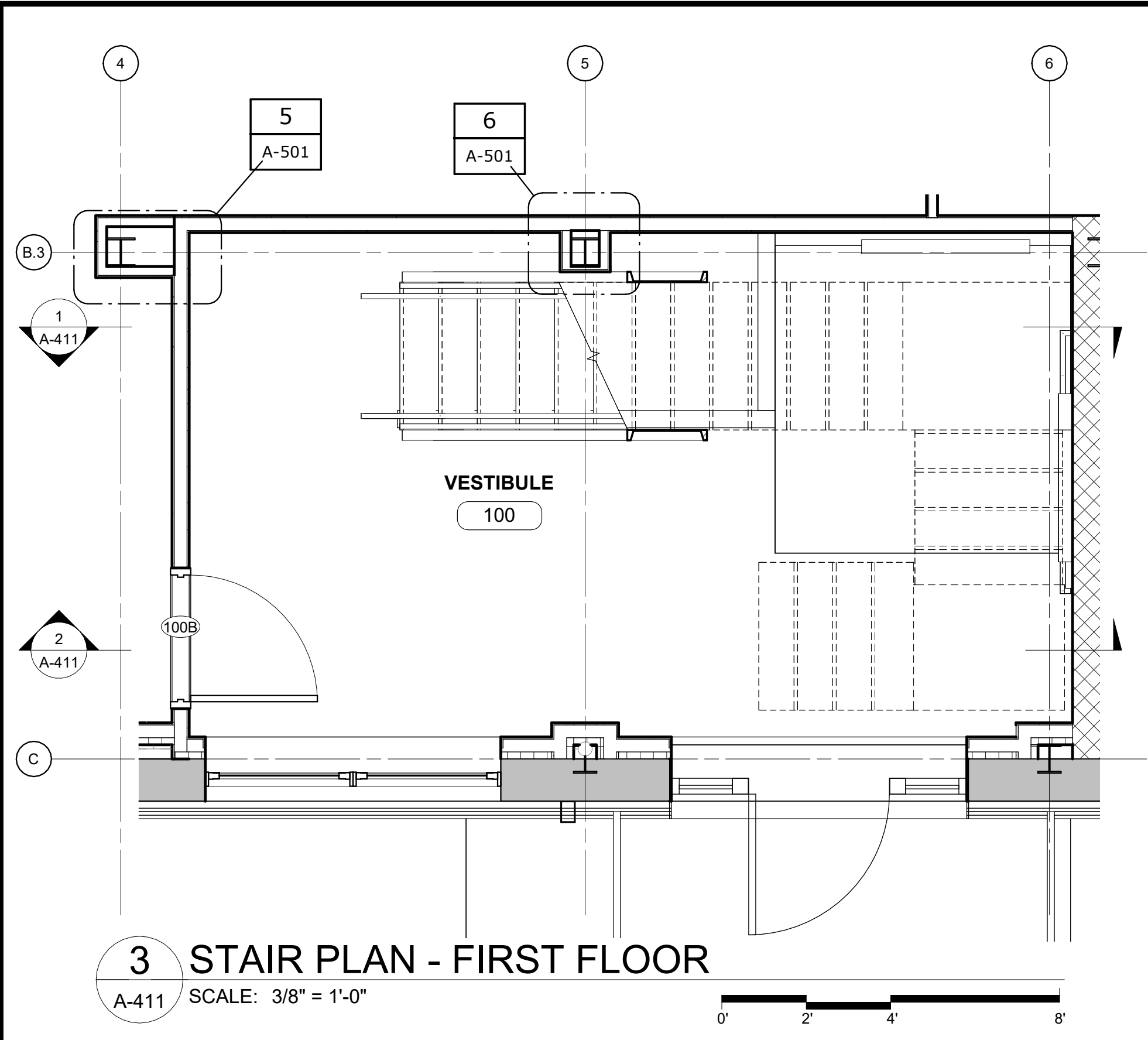
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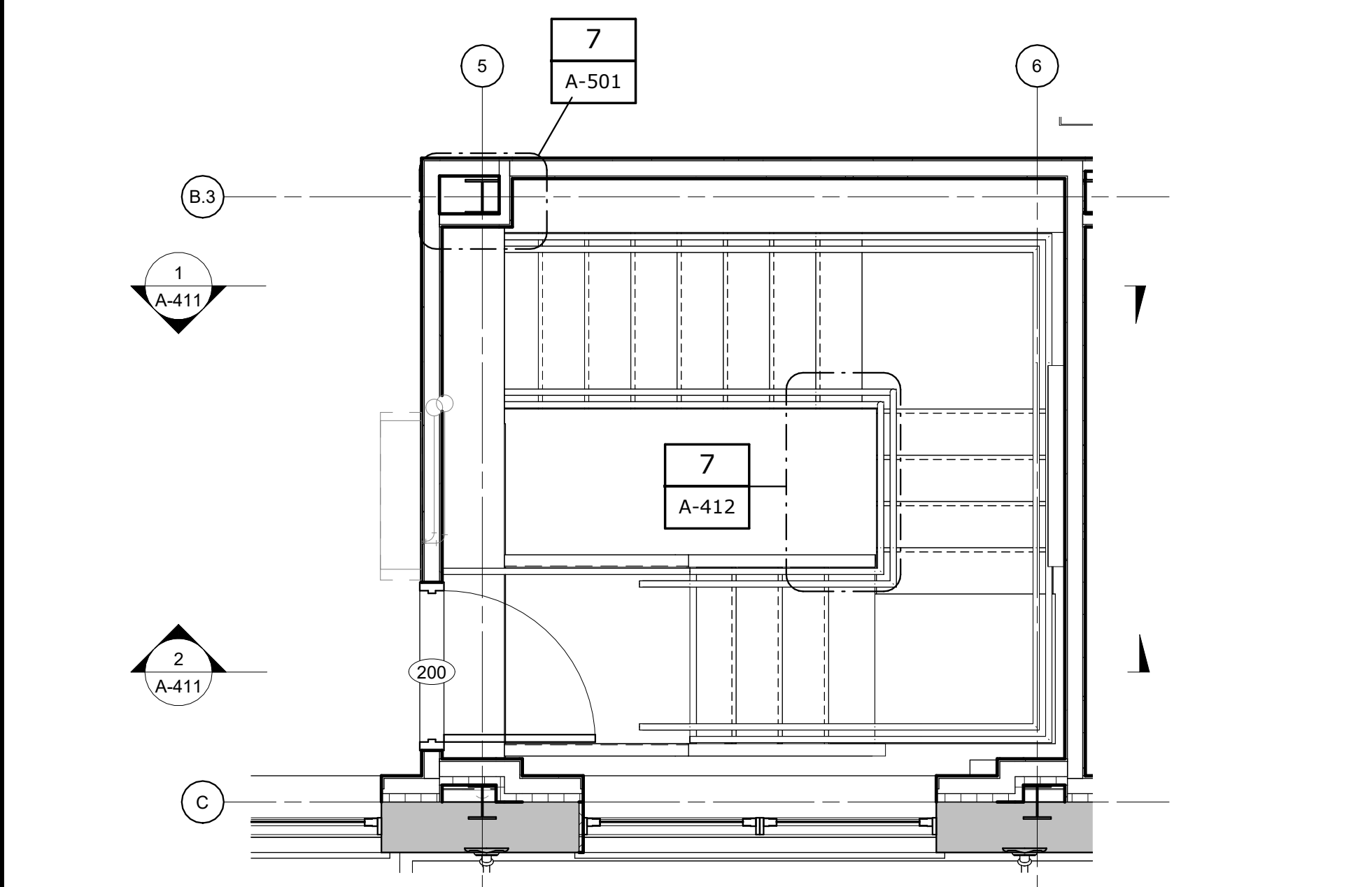
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624
ARCHITECTURAL ENLARGED SECOND FLOOR TOILET ROOMS PLAN AND ELEVATIONS

DATE: MAY 2023
SCALE:
SHEET NO:
90 OF No. 121
DRAWING NO.
A-404

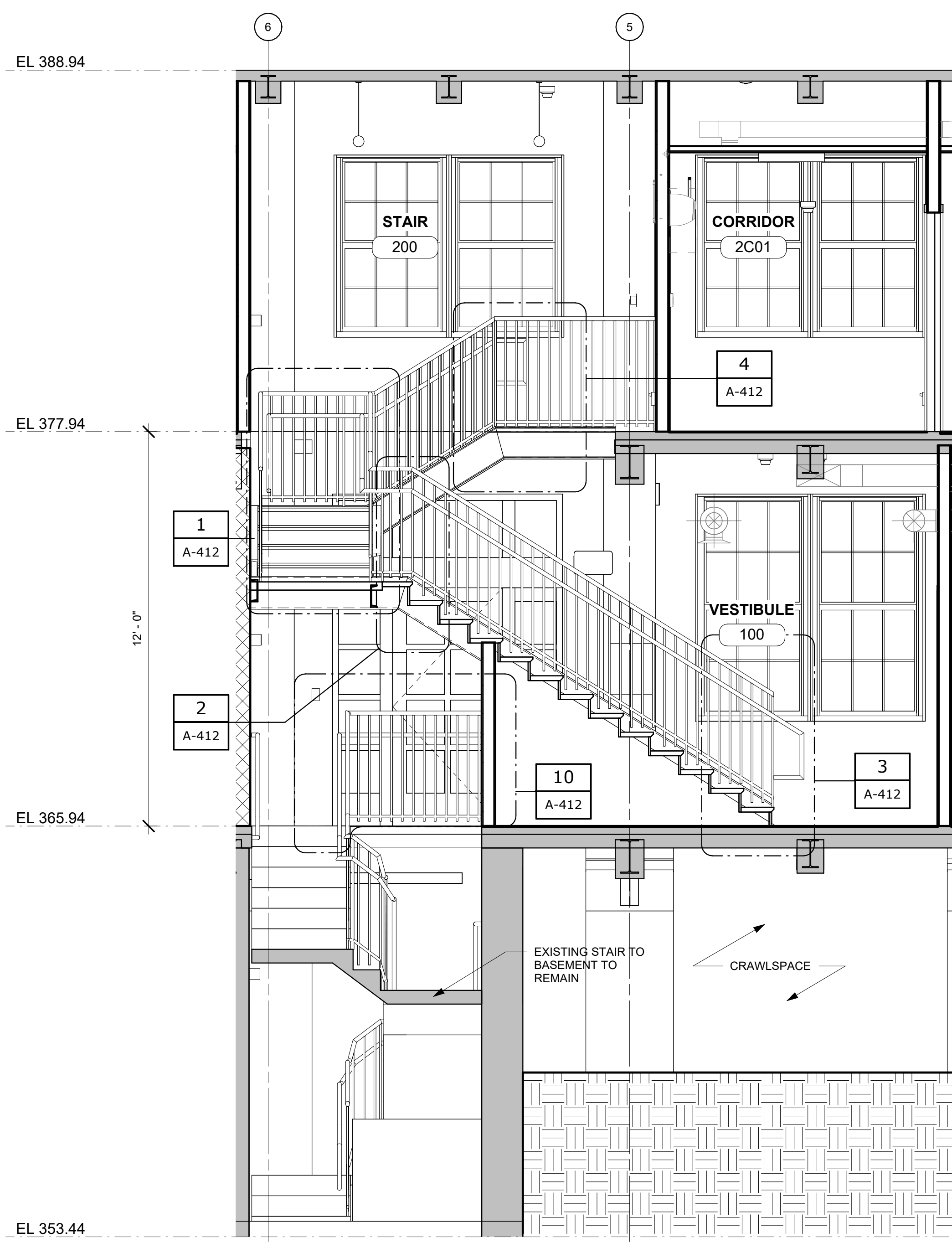
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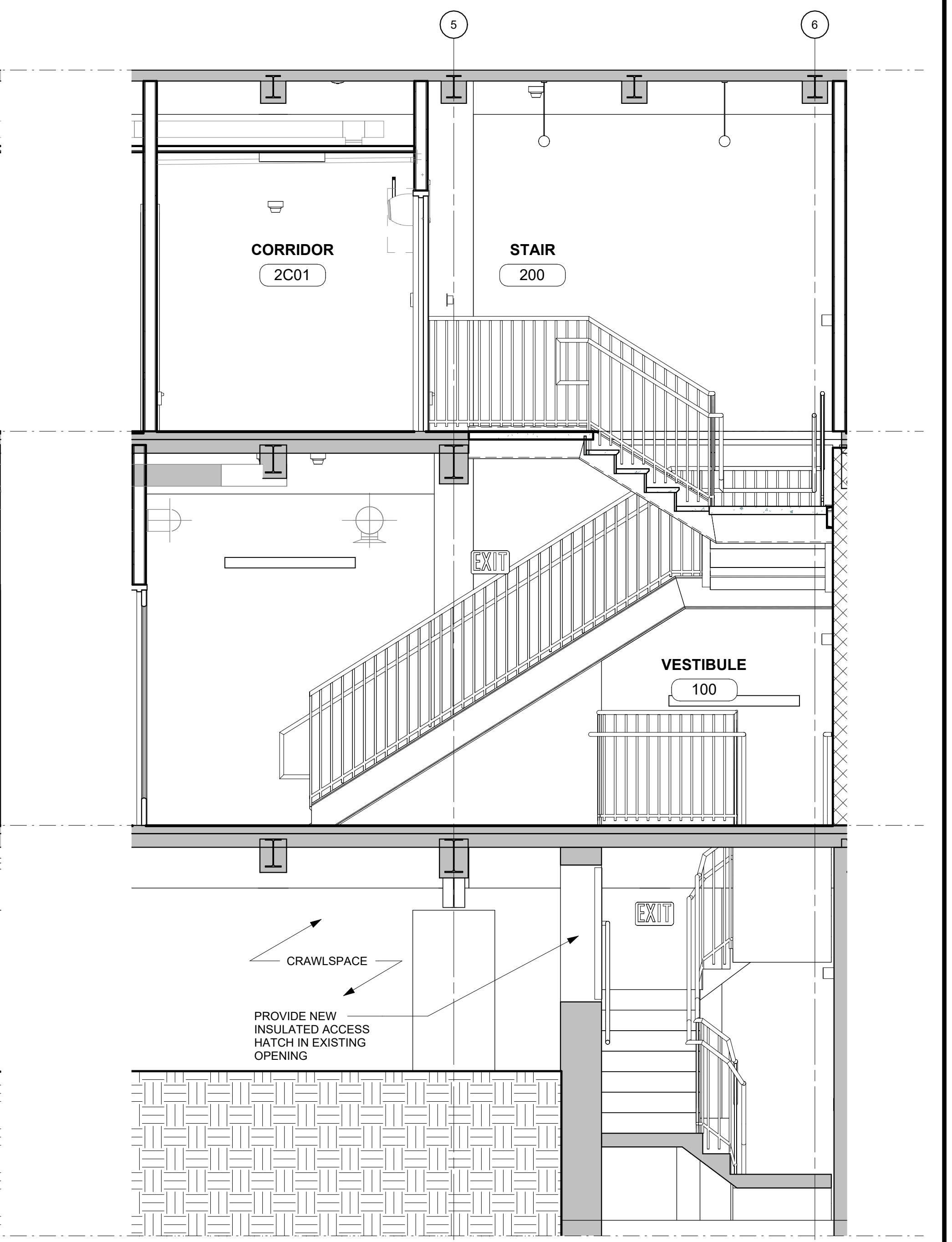
3 STAIR PLAN - FIRST FLOOR
A-411 SCALE: 3/8" = 1'-0"



4 STAIR PLAN - SECOND FLOOR
A-411 SCALE: 3/8" = 1'-0"



1 STAIR SECTION 1
A-411 SCALE: 3/8" = 1'-0"

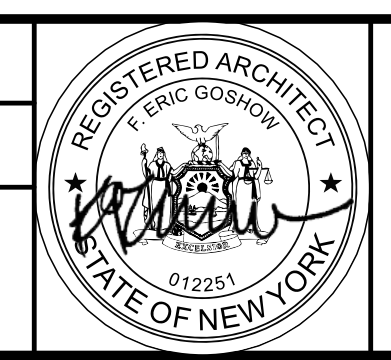


2 STAIR SECTION 2
A-411 SCALE: 3/8" = 1'-0"

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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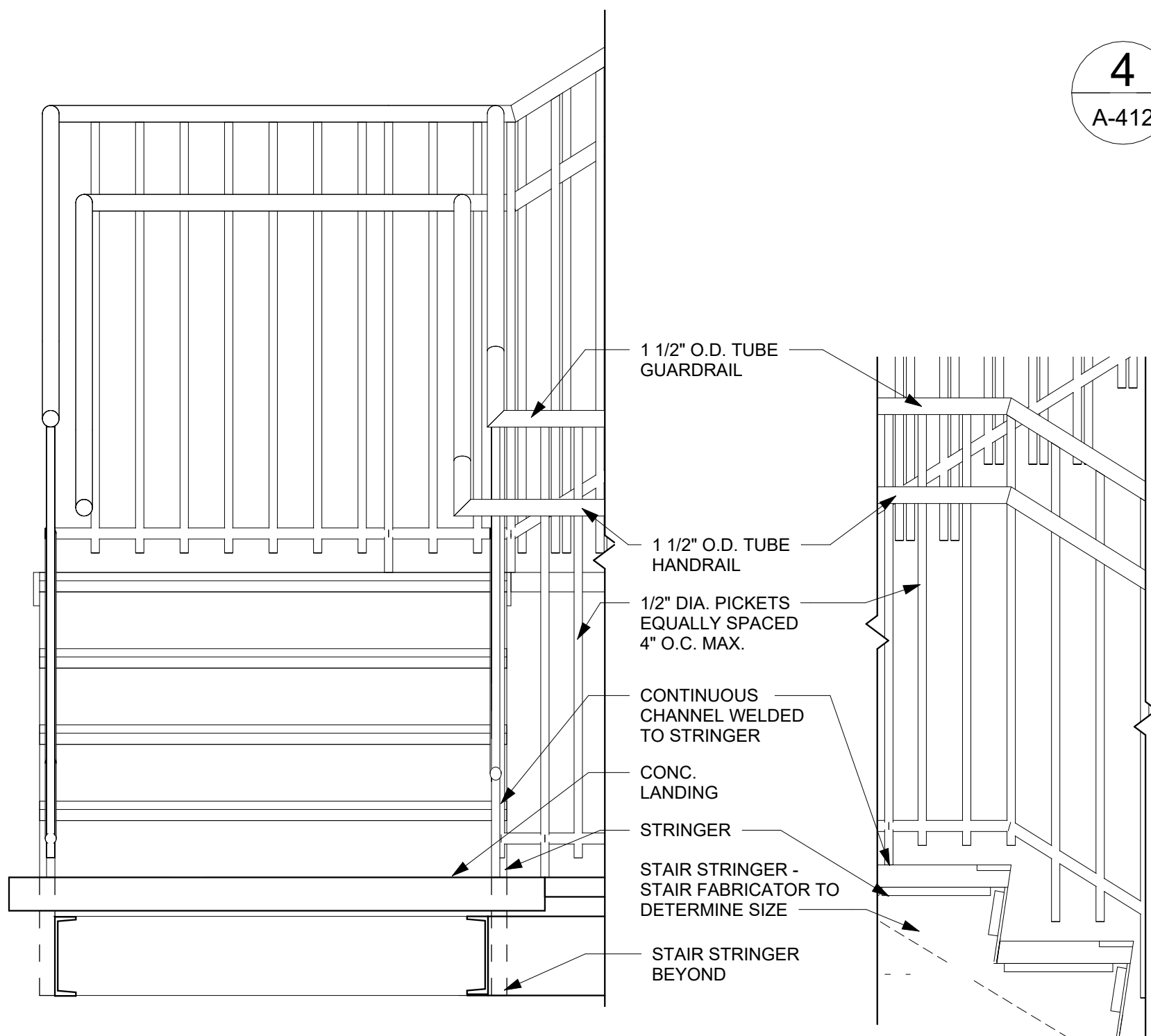
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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

ARCHITECTURAL
STAIR PLANS AND SECTIONS

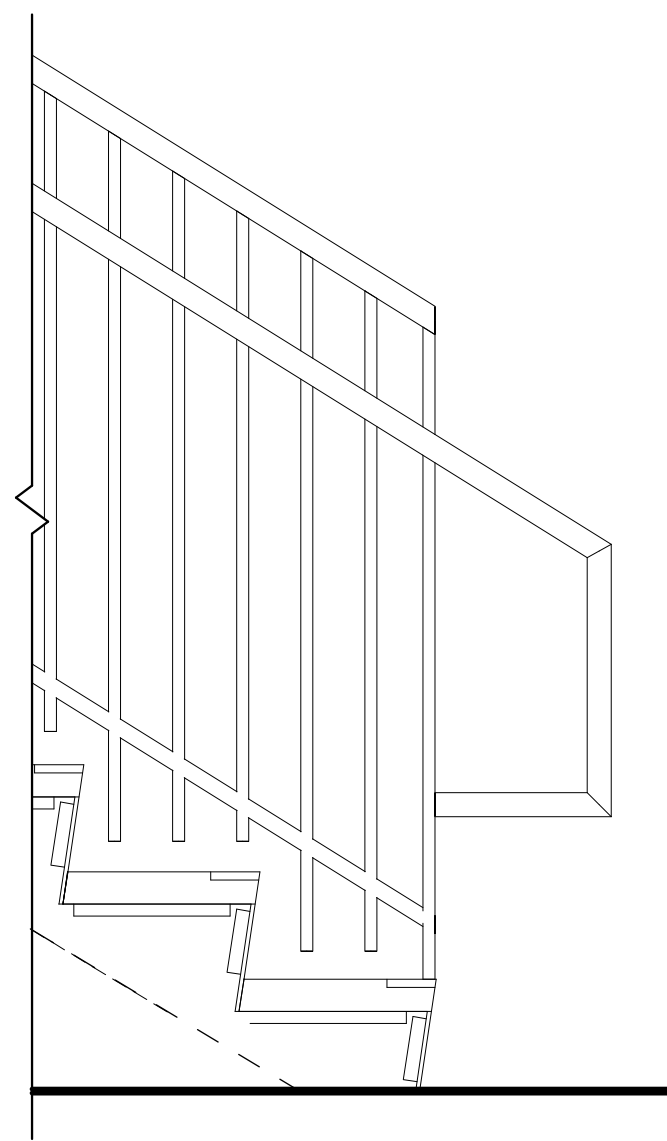
DATE: MAY 2023
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SHEET NO:
91 OF No. 121
DRAWING NO.
A-411

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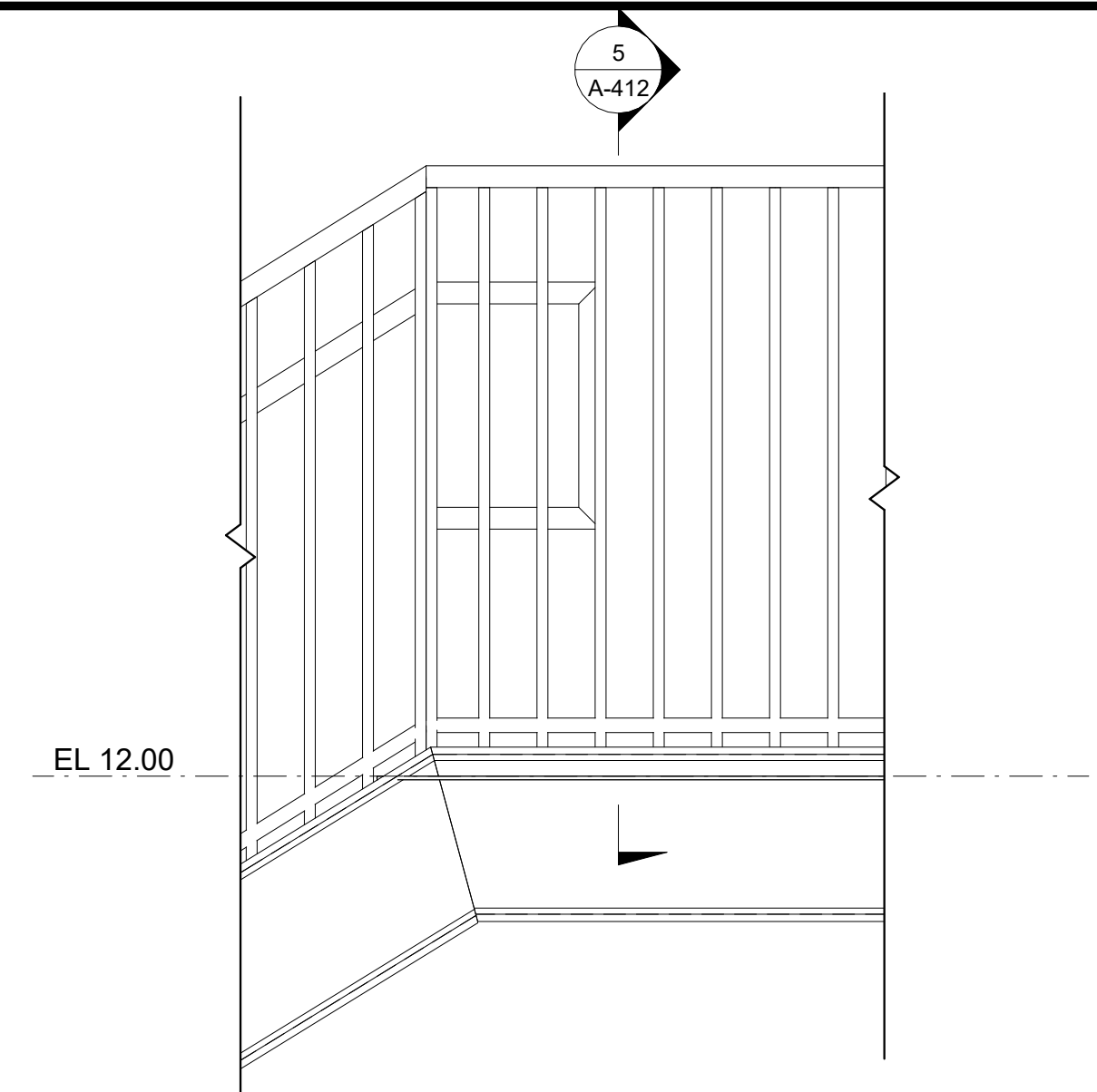


1 INTERMEDIATE STAIR LANDING
A-412 SCALE: 1" = 1'-0"

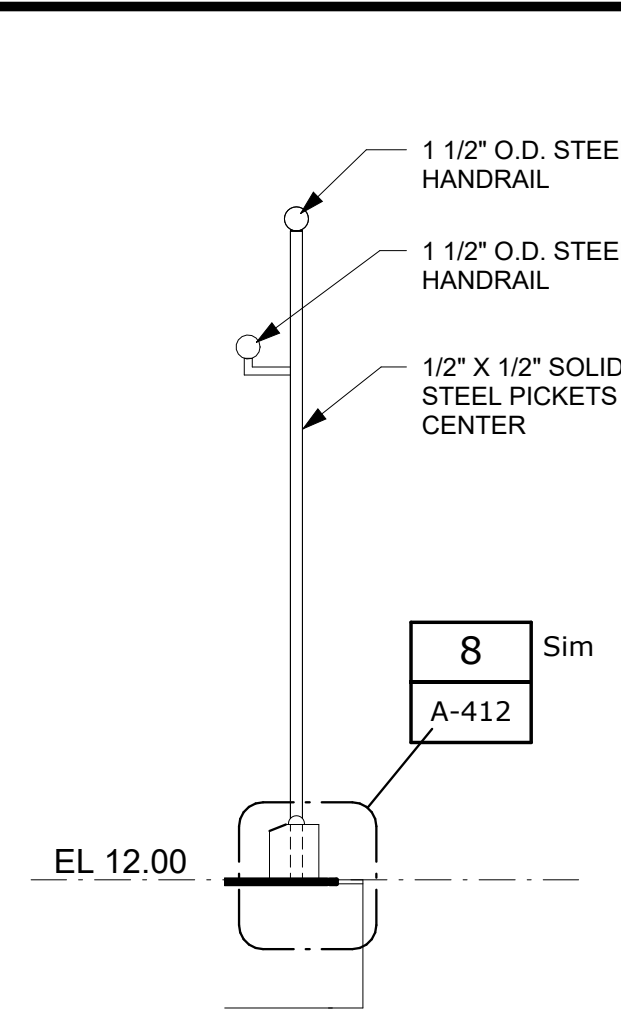
2 STAIR AT INTERMEDIATE LANDING
A-412 SCALE: 1" = 1'-0"



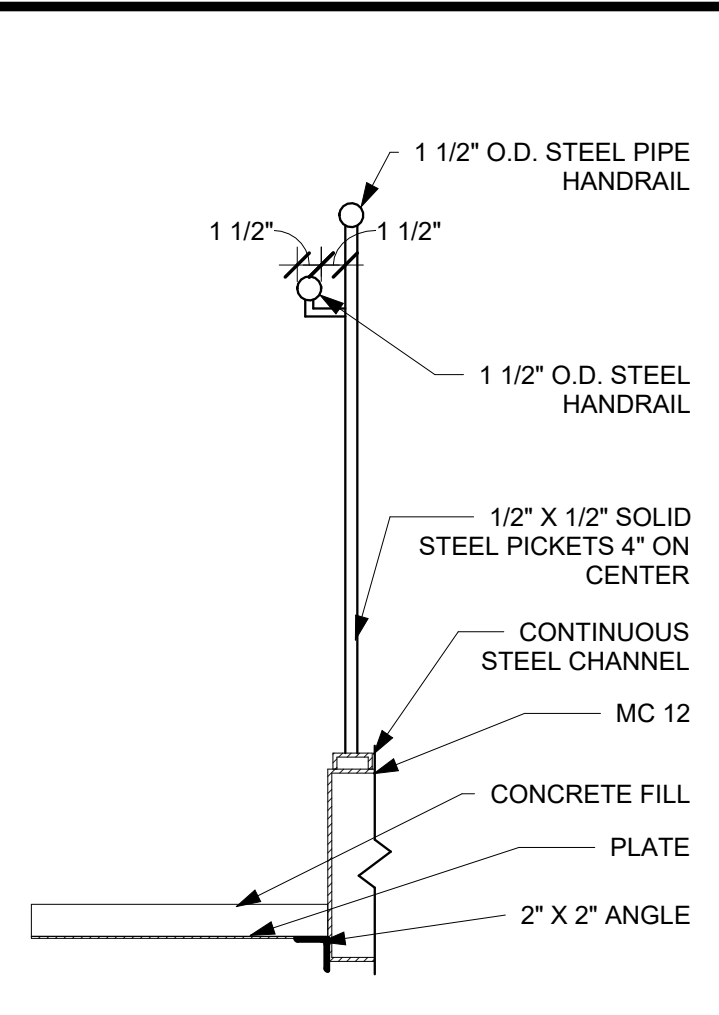
3 GUARDRAIL AT BOTTOM LANDING
A-412 SCALE: 1" = 1'-0"



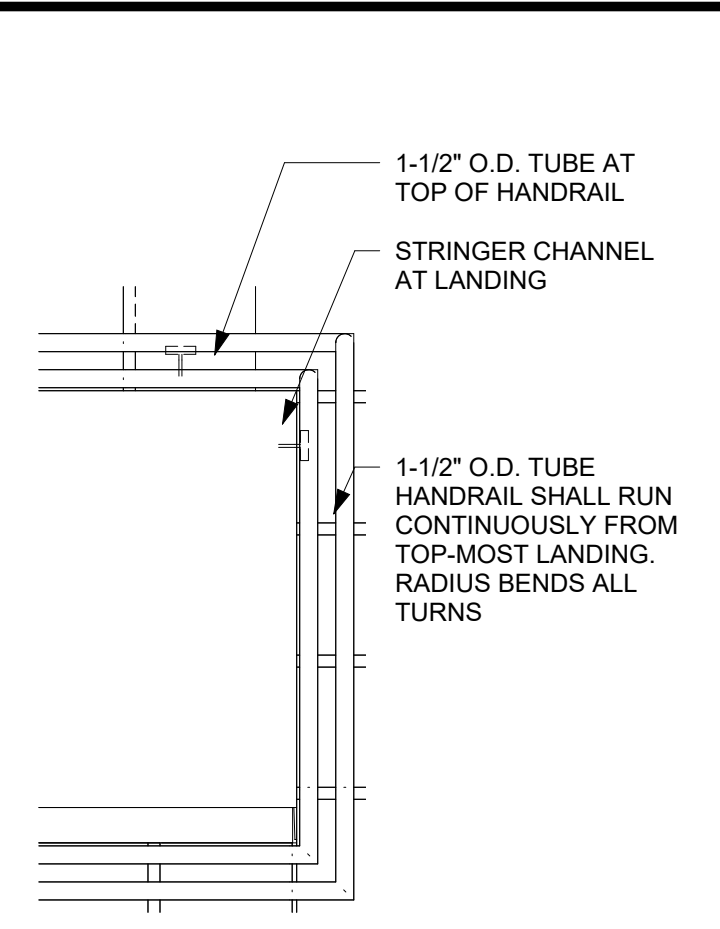
4 GUARDRAIL AT TOP LANDING
A-412 SCALE: 1" = 1'-0"



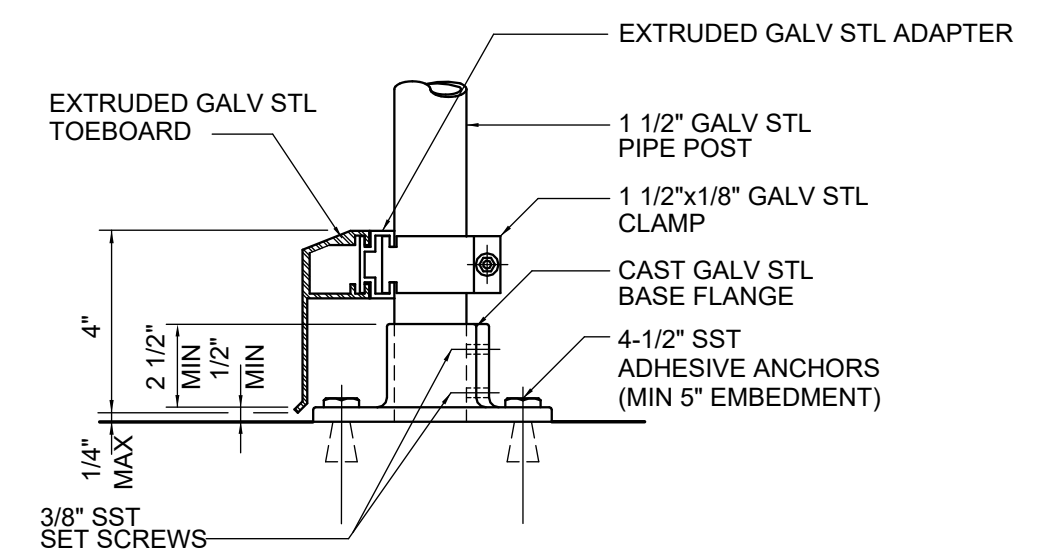
5 SECTION - TYP. GUARDRAIL
A-412 SCALE: 1" = 1'-0"



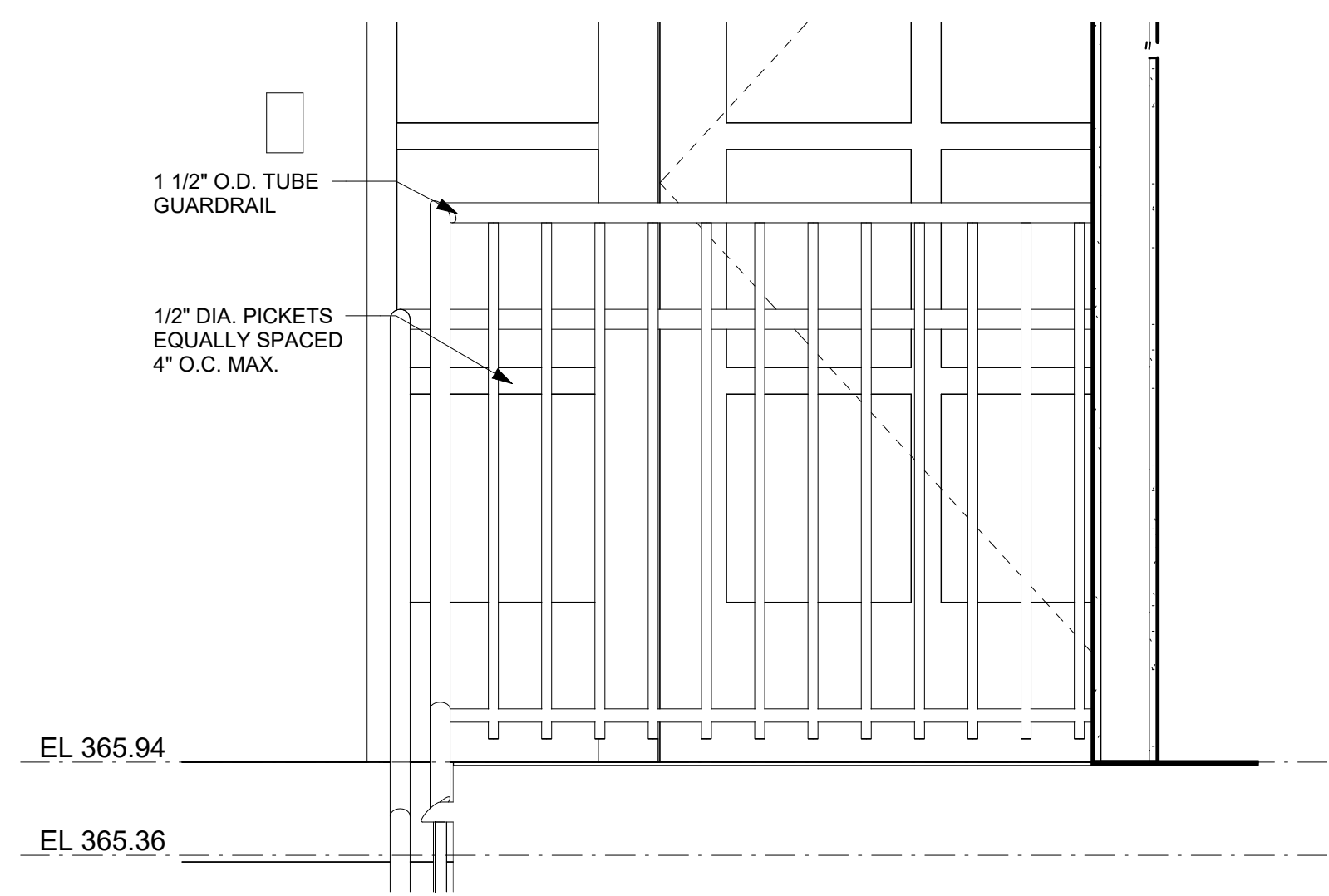
6 STAIR RAILING SECTION
A-412 SCALE: 1" = 1'-0"



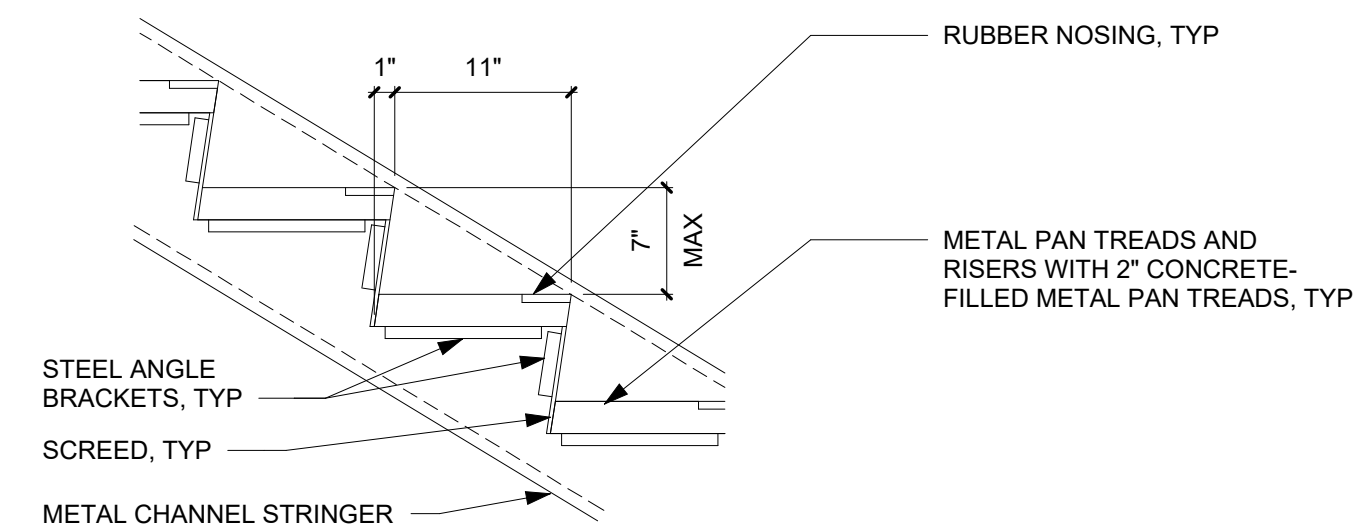
7 CONTINUOUS CENTER HANDRAIL AT LANDING
A-412 SCALE: 3/4" = 1'-0"



8 TYP. GUARDRAIL MOUNTED TO CONCRETE
A-412 SCALE: 3" = 1'-0"



10 GUARDRAIL AT TOP OF BASEMENT STAIR
A-412 SCALE: 1" = 1'-0"

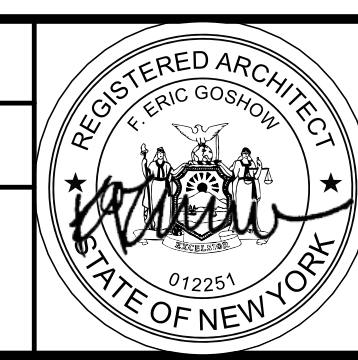


9 TYPICAL STAIR DETAIL
A-412 SCALE: 1" = 1'-0"

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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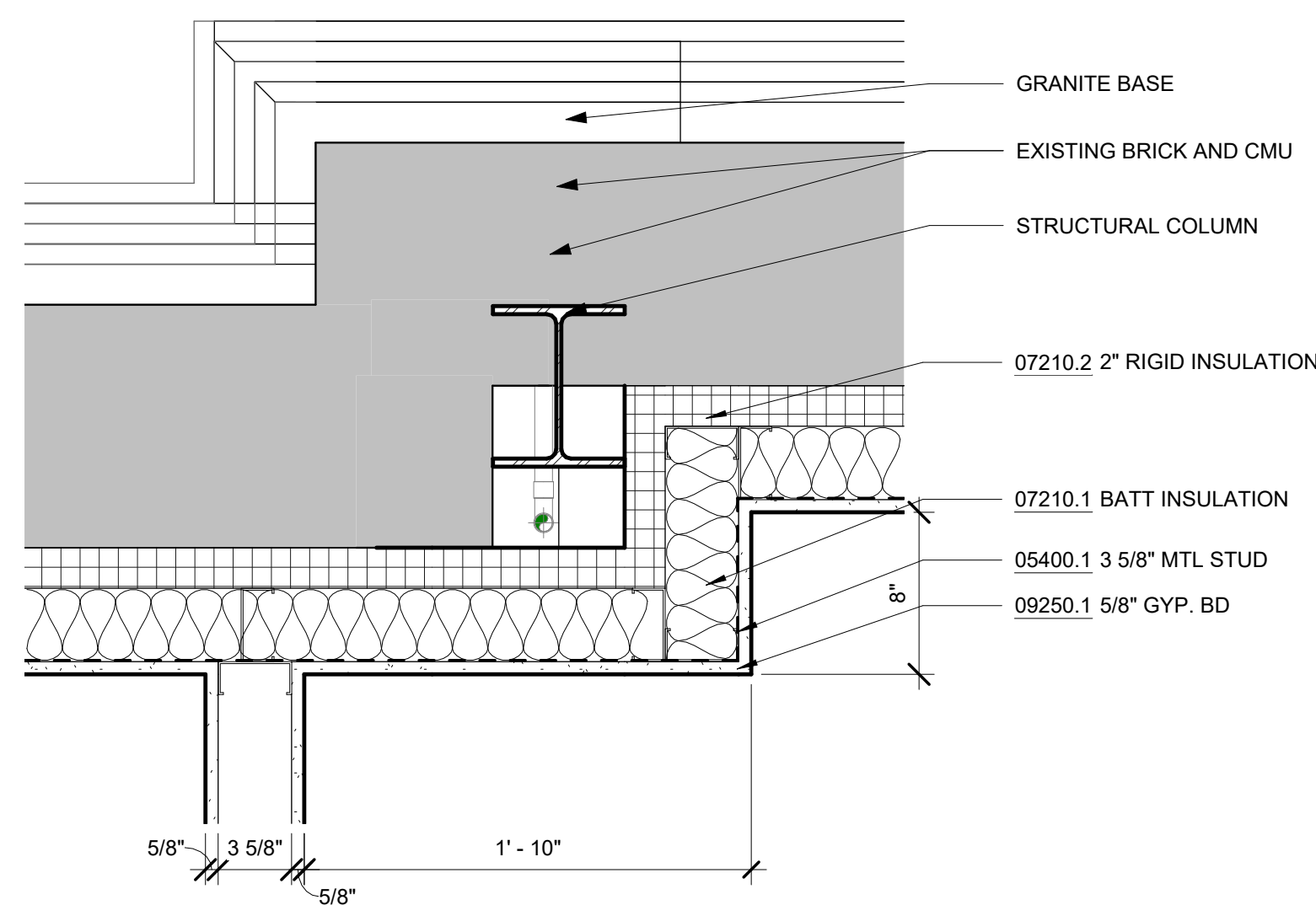
NEW YORK CITY ENVIRONMENTAL PROTECTION
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624
ARCHITECTURAL STAIR DETAILS

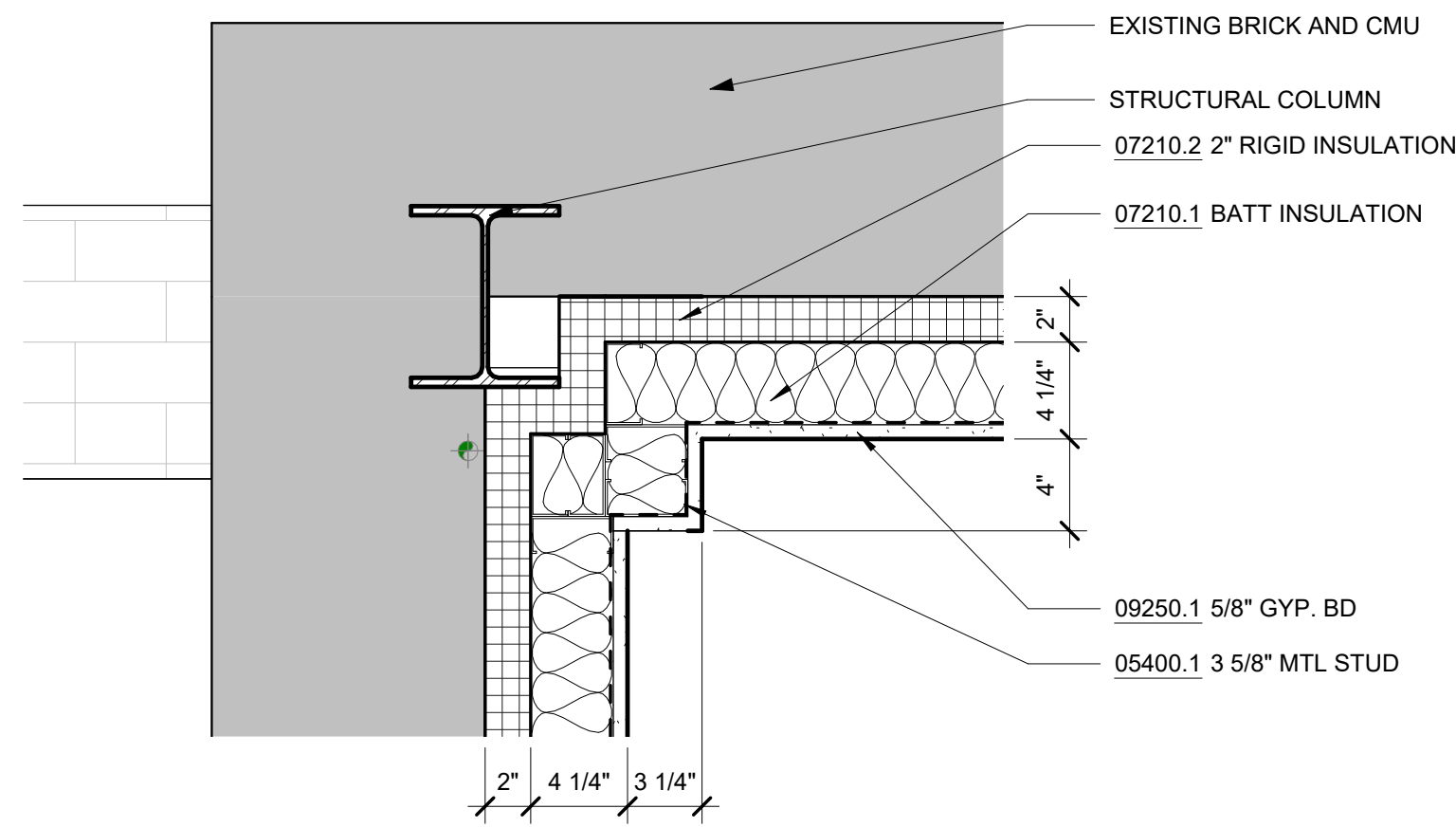
DATE: MAY 2023
SCALE:
SHEET NO: 92 OF No. 121
DRAWING NO. A-412

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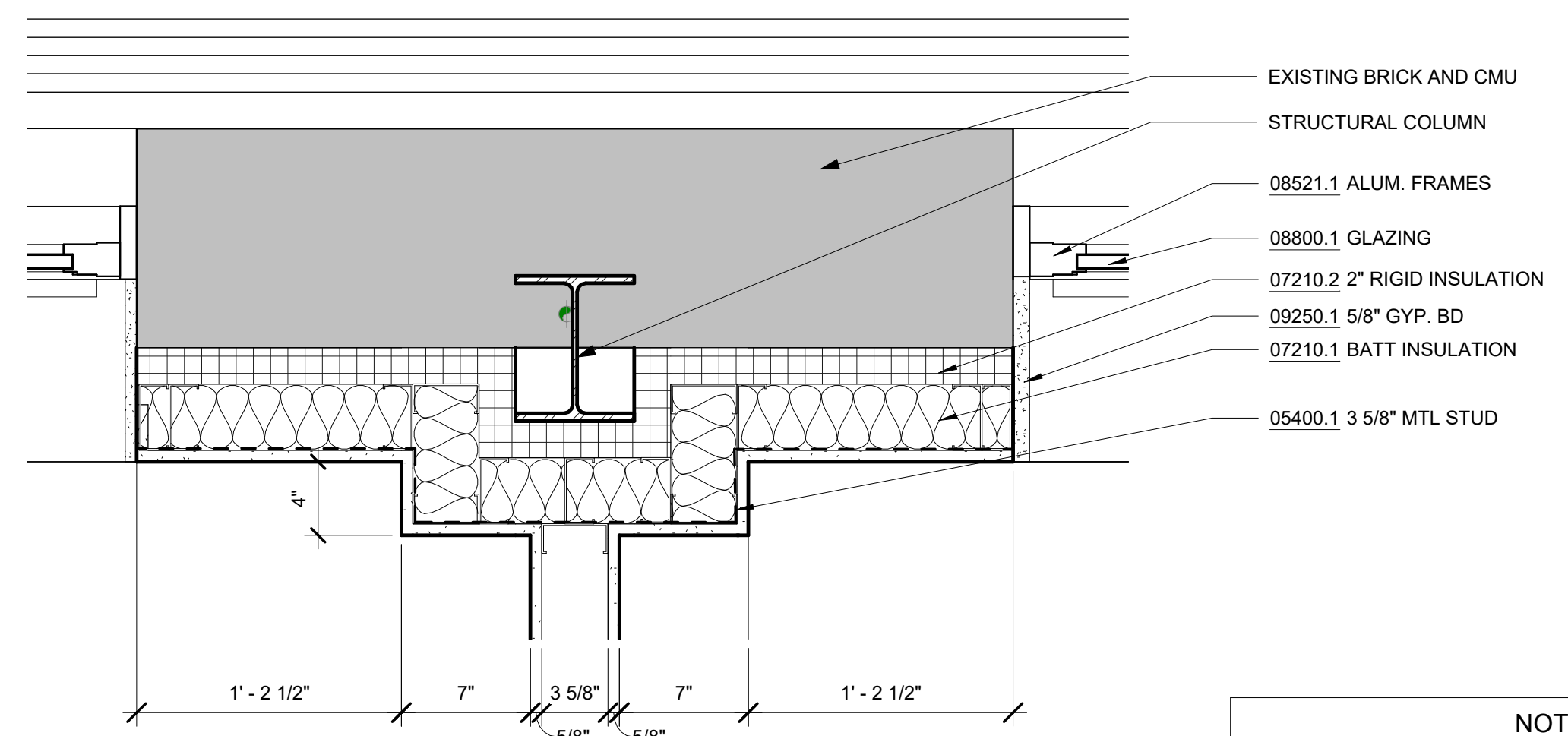
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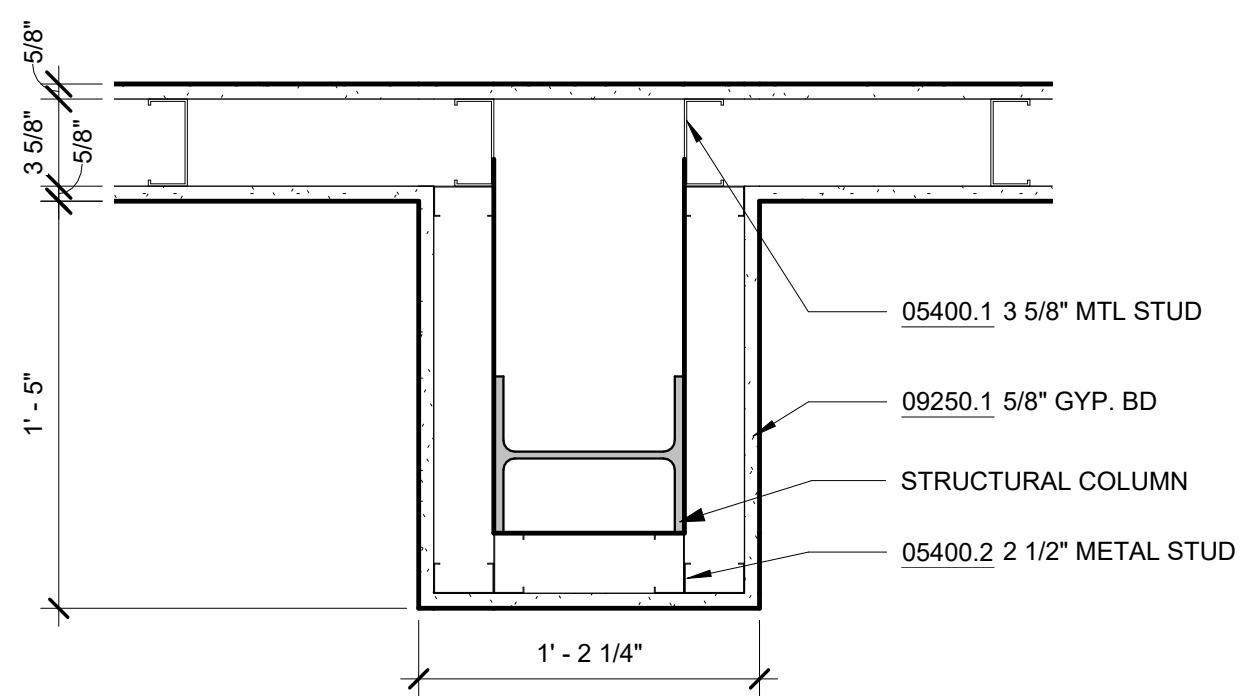
1 PLAN DETAIL - BLDG CORNER @ 1ST FL
A-501 SCALE: 1 1/2" = 1'-0"



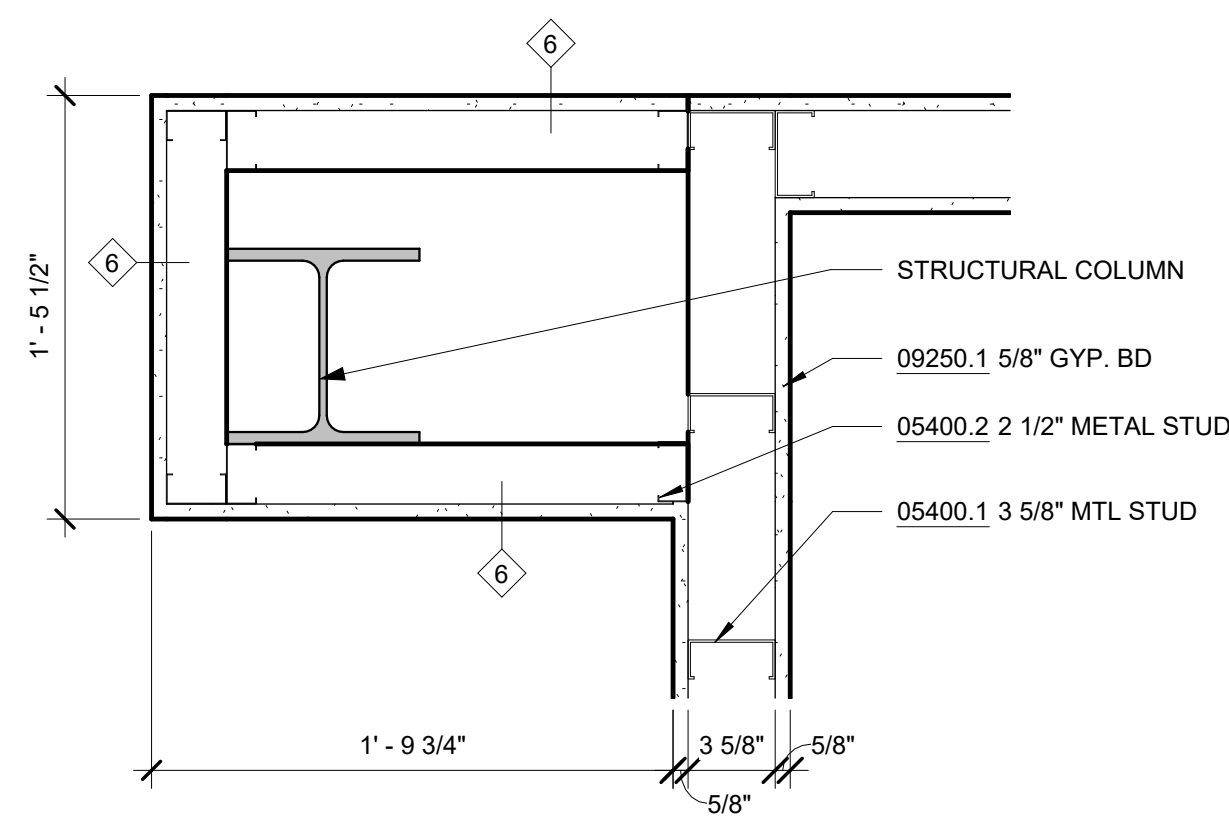
2 PLAN DETAIL - BLDG CORNER @ 2ND FL
A-501 SCALE: 1 1/2" = 1'-0"



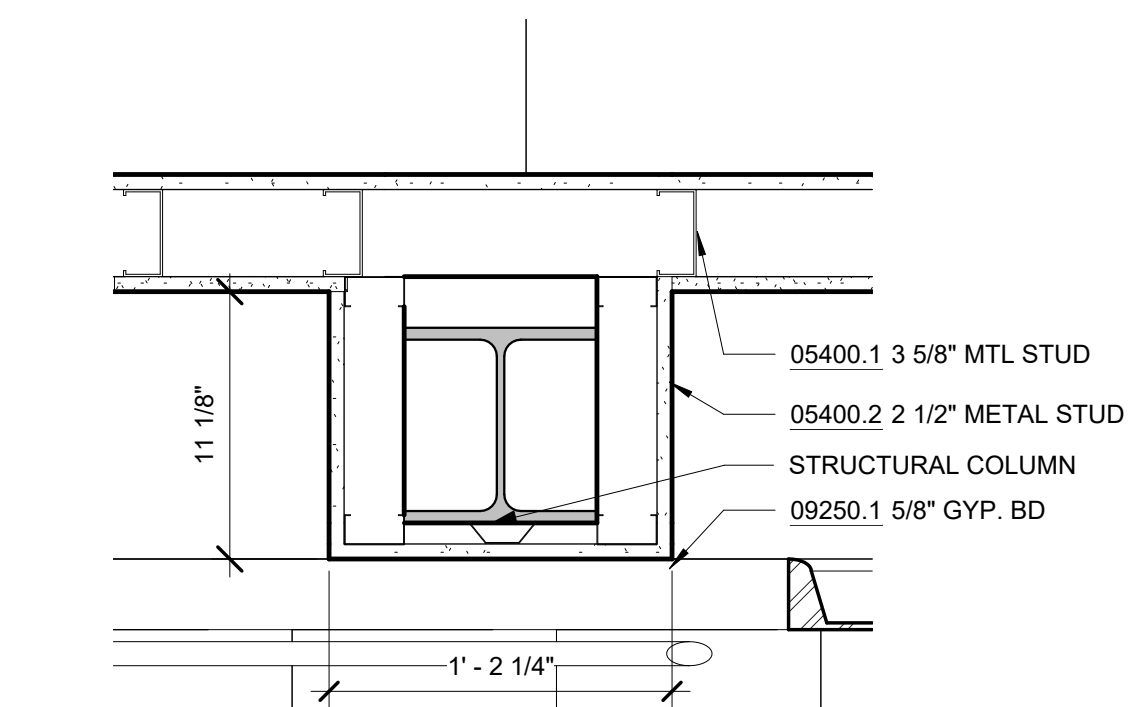
3 PLAN DETAIL - COLUMN @ EXT. WALL, TYP.
A-501 SCALE: 1 1/2" = 1'-0"



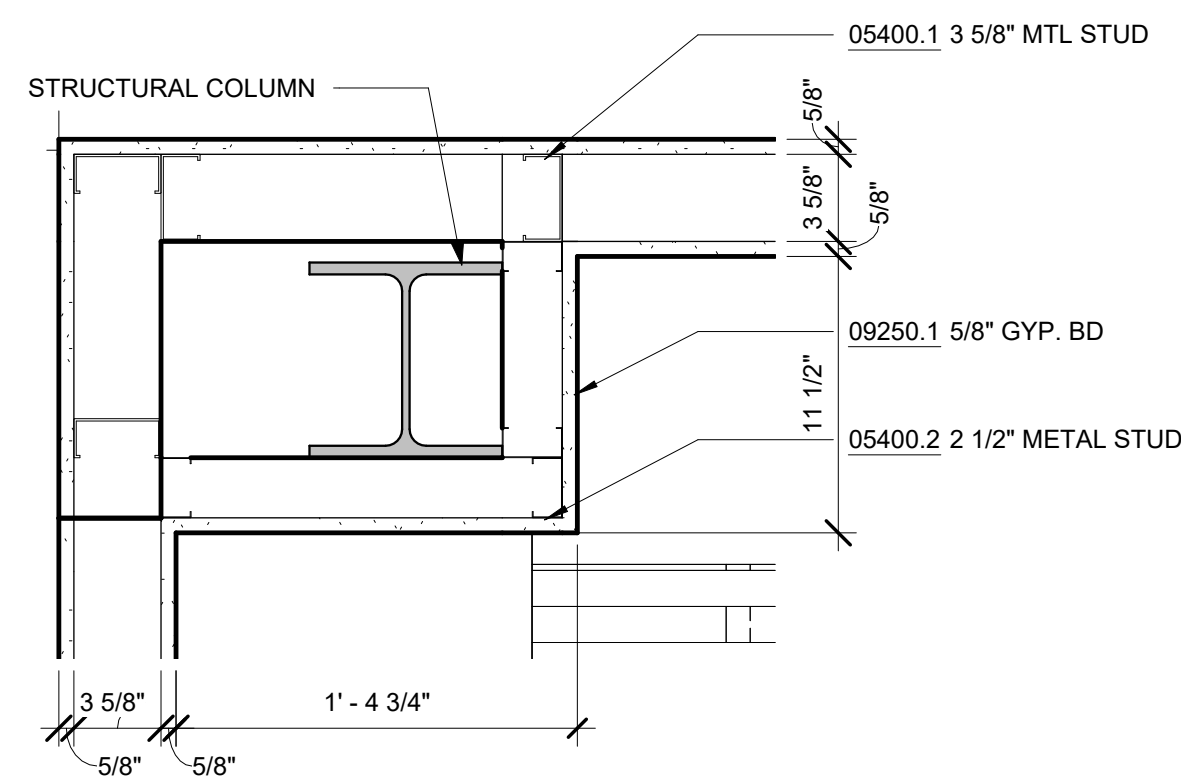
4 PLAN DETAIL - INT. COLUMN
A-501 SCALE: 1 1/2" = 1'-0"



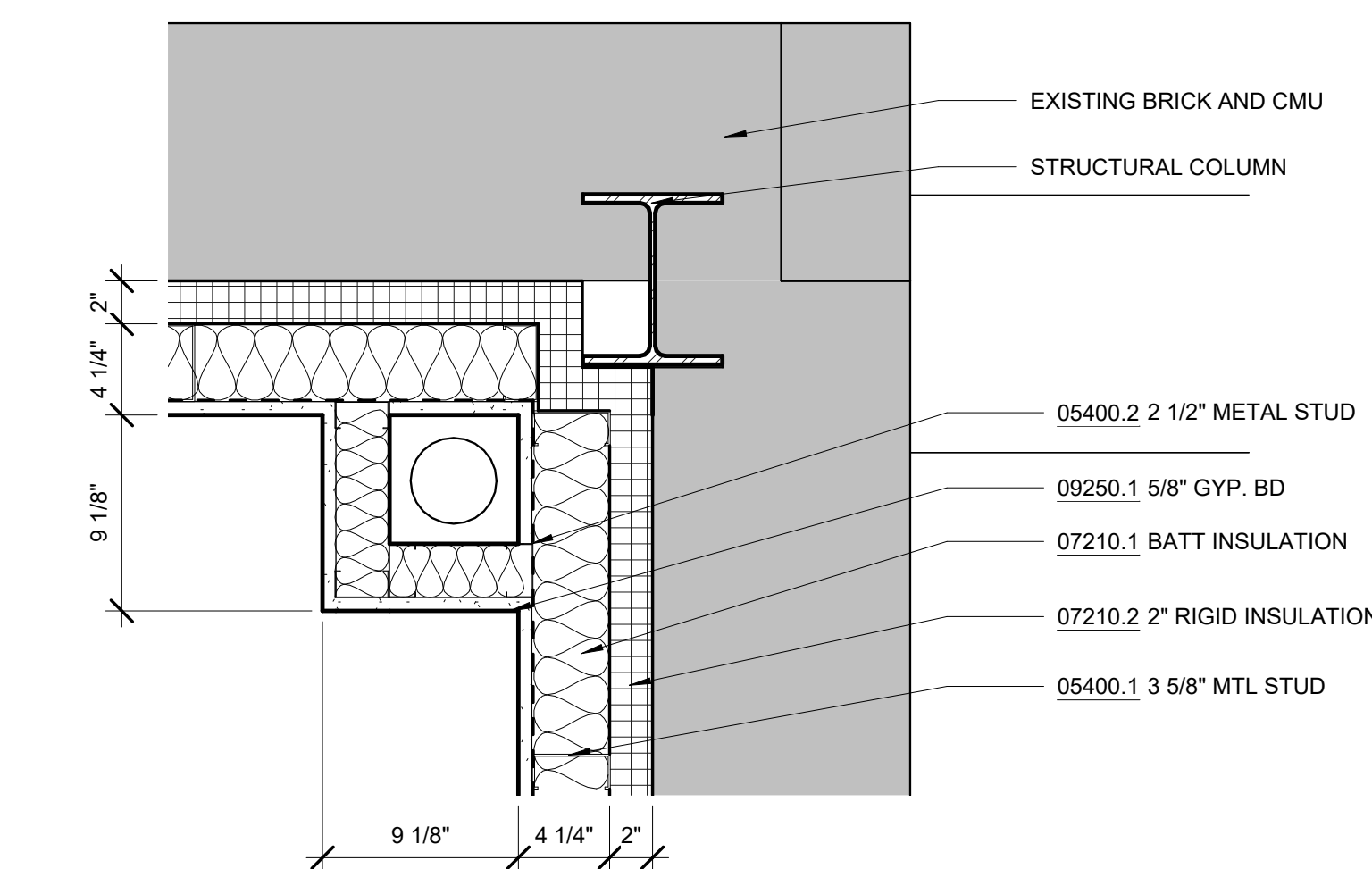
5 PLAN DETAIL - COLUMN @ STAIR, 1ST FL
A-501 SCALE: 1 1/2" = 1'-0"



6 PLAN DETAIL - COLUMN @ STAIR, 1ST FL
A-501 SCALE: 1 1/2" = 1'-0"



7 PLAN DETAIL - COLUMN @ STAIR, 2ND FL
A-501 SCALE: 1 1/2" = 1'-0"



8 PLAN DETAIL - BLDG CORNER @ 2ND FL CHASE
A-501 SCALE: 1 1/2" = 1'-0"

NOTES - DETAILS

DIVISION 4	04120.1	BRICK MASONRY INFILL BEYOND	INFILL WALL WITH BRICK TO MATCH EXISTING
DIVISION 5	05400.1	3 5/8" MTL STUD	3 5/8" METAL STUD @ 16" O.C. TYP.
	05400.2	2 1/2" METAL STUD	2 1/2" METAL STUD @ 16" O.C. TYP.
	05501.2	ALUMINIUM	CANOPY RECONSTRUCTION ZINC-ANNOIDIZED ALUMINIUM COMMERCIAL-GRADE ALUMINIUM FOLDING STAIRWAY WITH DROP-CEILING FRAME
	05501.3	ATTIC ACCESS HATCH	COMMERCIAL-GRADE ALUMINIUM FOLDING STAIRWAY WITH DROP-CEILING FRAME
DIVISION 7	07210.1	BATT INSULATION	FOIL-FACED RECYCLED GLASS FIBER BATTS FOR INSULATION AND VAPOR RETARDER
	07210.2	<varies>	2" RIGID XPS INSULATION, R-5 PER INCH MIN.
	07540.1	ROOFING	SINGLE-PLY THERMOPLASTIC (PVC) MEMBRANE ROOFING FLASHING
	07620.2	FLASHING	STAINLESS STEEL SHEET FLASHING
	07621.1	STRAINER ROOF DRAIN	4-1/2" DIAMETER CAST IRON CANOPY DRAIN WITH STRAINER
	07621.2	DOWNSPOUT	CUSTOM ZINC-ANNOIDIZED ALUMINUM DOWNSPOUT. DESIGN TO MATCH ORIGINAL LEAD-COATED COPPER DOWNSPOUT
	07900.1	CAULKING	CONTINUOUS CAULKING WITH BACKER ROD
	07900.2	SEALANT	J TRIM W/ SEALANT, TYP.
	07900.3	SEALANT	
DIVISION 8	08361.1	OVERHEAD DOOR	INSULATED ALUMINIUM SECTIONAL OVERHEAD DOOR WITH VISION LITES
	08411.1	ALUM. STOREFRONT	
	08521.1	ALUM. FRAMES	
	08800.1	GLAZING	1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING
DIVISION 9	09206.1	METAL FURRING	
	09206.2	METAL FURRING CHANNEL CLIP	
	09206.3	1 1/2" STEEL RUNNING CHANNEL	
	09206.4	GAT CLIP	4B1.5L CAT. #16.59 SM (OR OTHER APPROVED MEANS)
	09206.5	MAIN TEE	24" OC MAX. SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC)
	09206.6	<varies>	<varies>
	09250.1	5/8" GYP. BD	
	09250.2	J BEAD	GYP BD J CASING BEAD, TAPE AND SPACKLE
	09250.3	TRIM	
	09250.4	TRIM	1" X 1" CORNER TRIM W/ SEALANT BED
	09250.5	STEEL ROD	1/4" DIA. GALV. STEEL ROD, NOT TO EXCEED 4'-0" OC
	09250.6	CEMENT PANELS	3/4" EXTERIOR CEMENT BOARD SOFFIT PANELS
	09511.1	ACT CEILING	
	09511.2	CROSS TEE	1 1/2" HIGH, 2'-0" OC

BID SET

GRAPHIC SCALES CHECK BEFORE USE

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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624

ARCHITECTURAL PLAN DETAILS

DATE: MAY 2023

SCALE:

SHEET NO: 93 OF No. 121

DRAWING NO.

A-501

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D
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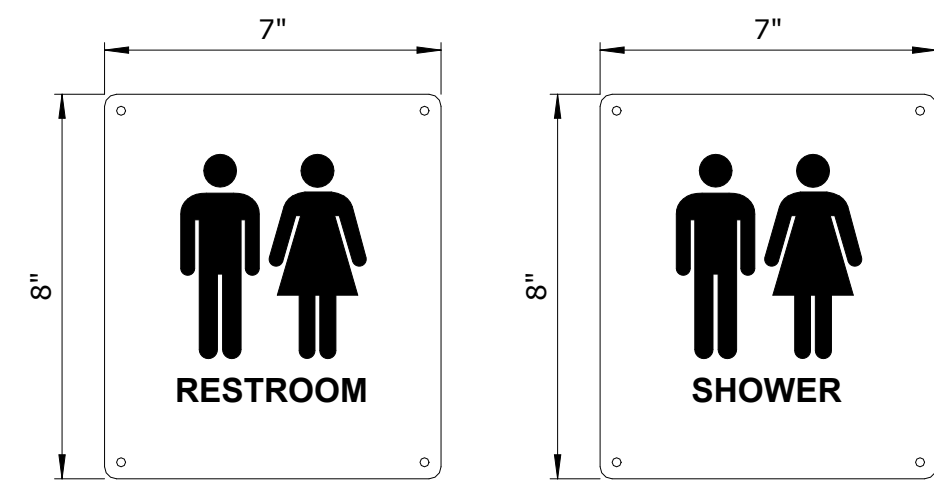
DESIGNED BY: E. CLAASSEN
DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW
DESIGN LEAD: E. BARBOE, P.E.



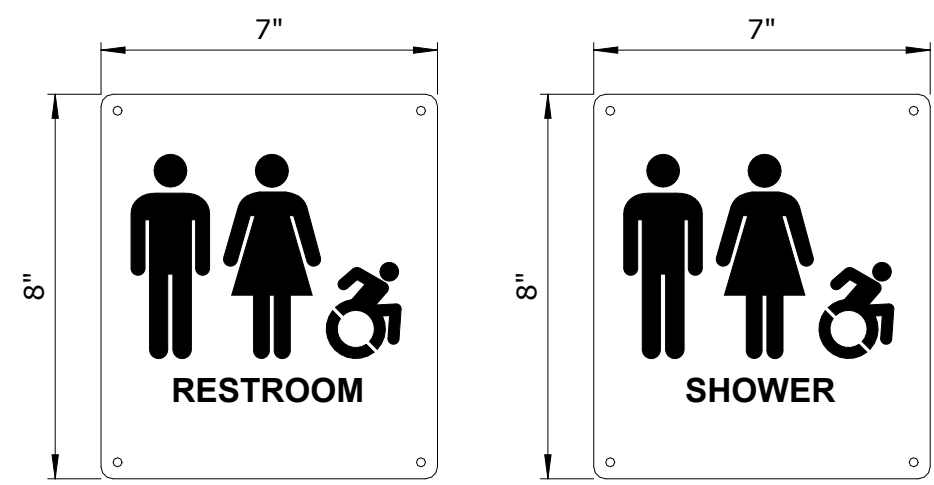
ACCOUNTABLE MANAGER
JOSE NIEVES
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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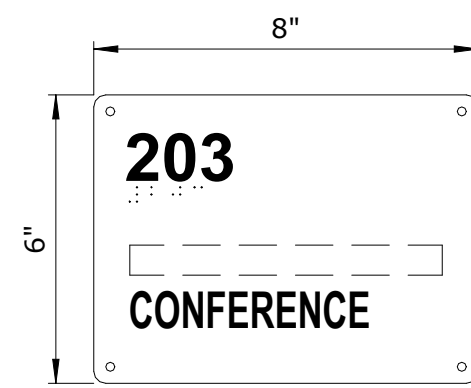
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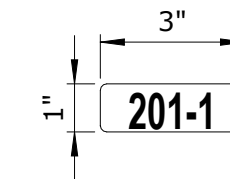
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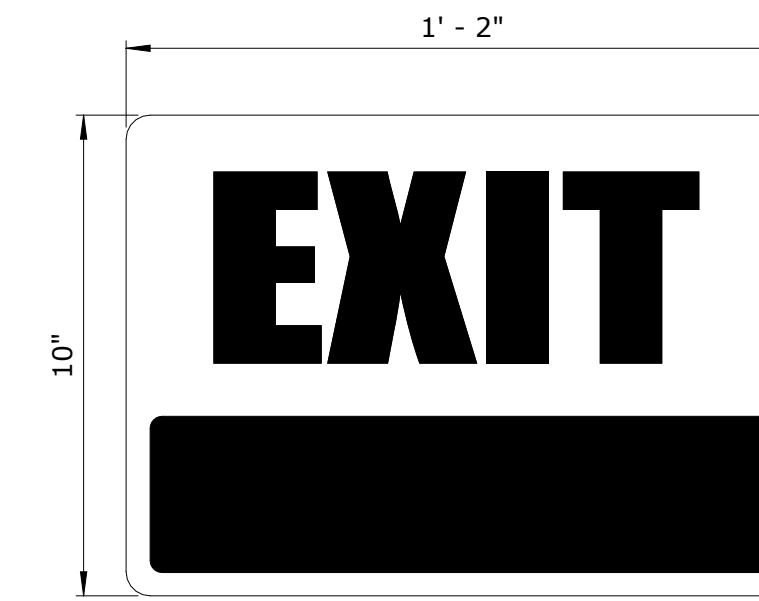
TYPE A-2:
ACCESSIBLE AREAS



TYPE B:
ROOM NAME & NUMBER



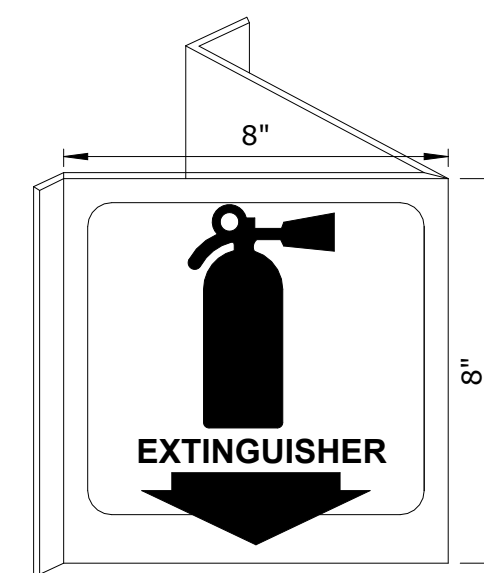
TYPE B-1:
ROOM NUMBER



TYPE H:
EXIT



TYPE J:
SAFETY SHOWER



TYPE C:
FIRE EXTINGUISHER



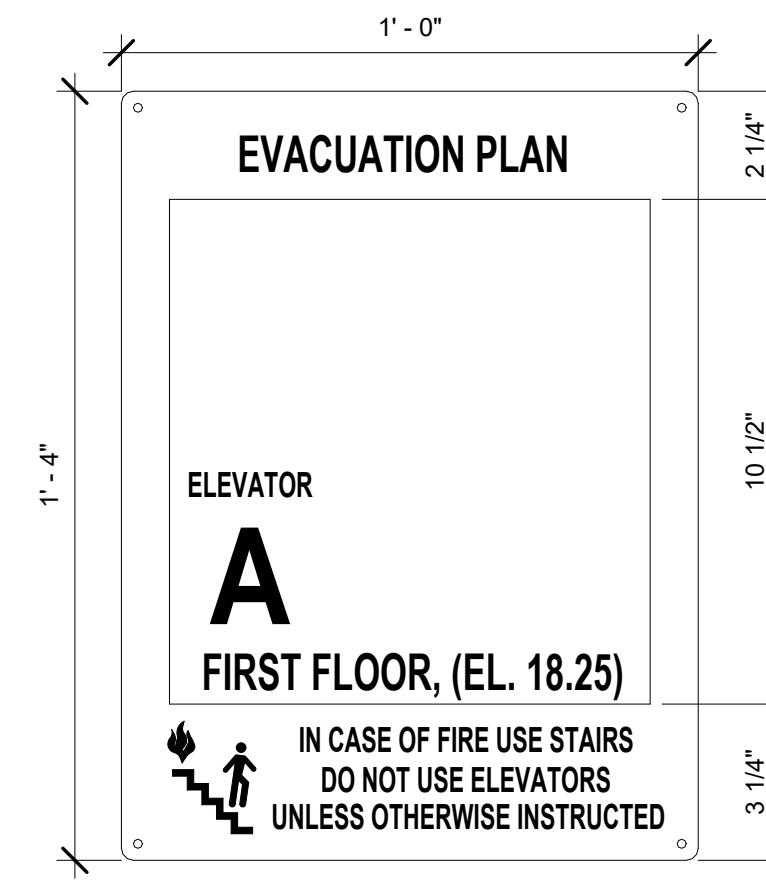
TYPE D:
NOTICE



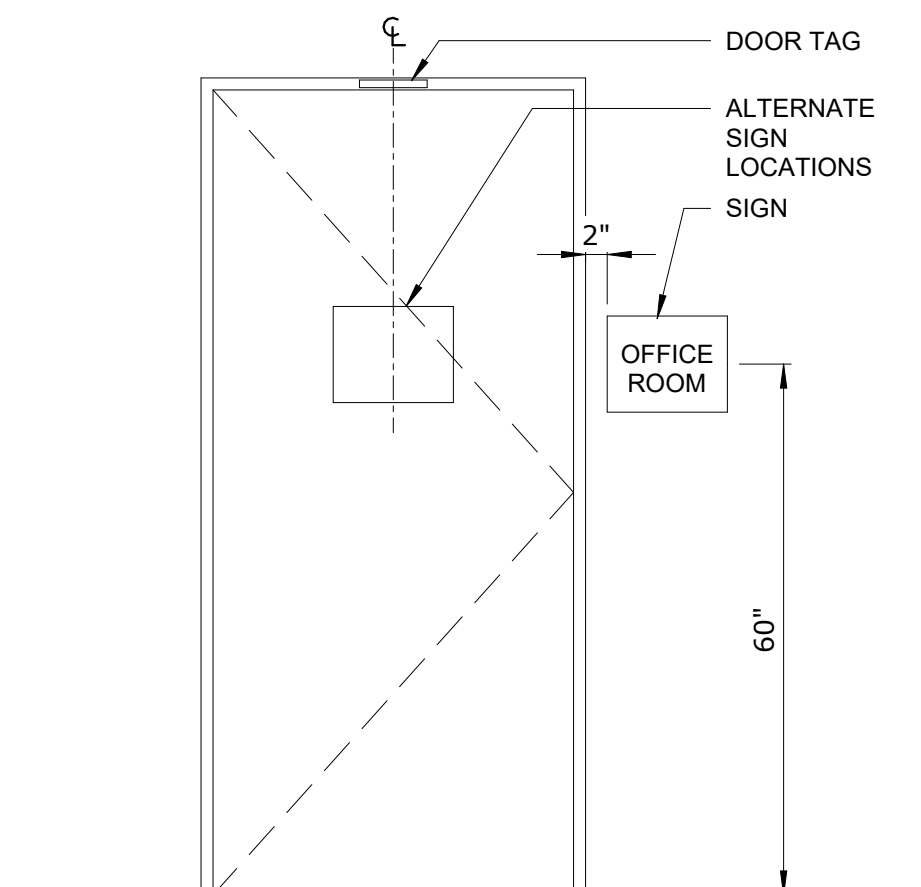
TYPE E:
EMERGENCY



TYPE F:
STAIR IDENTIFICATION



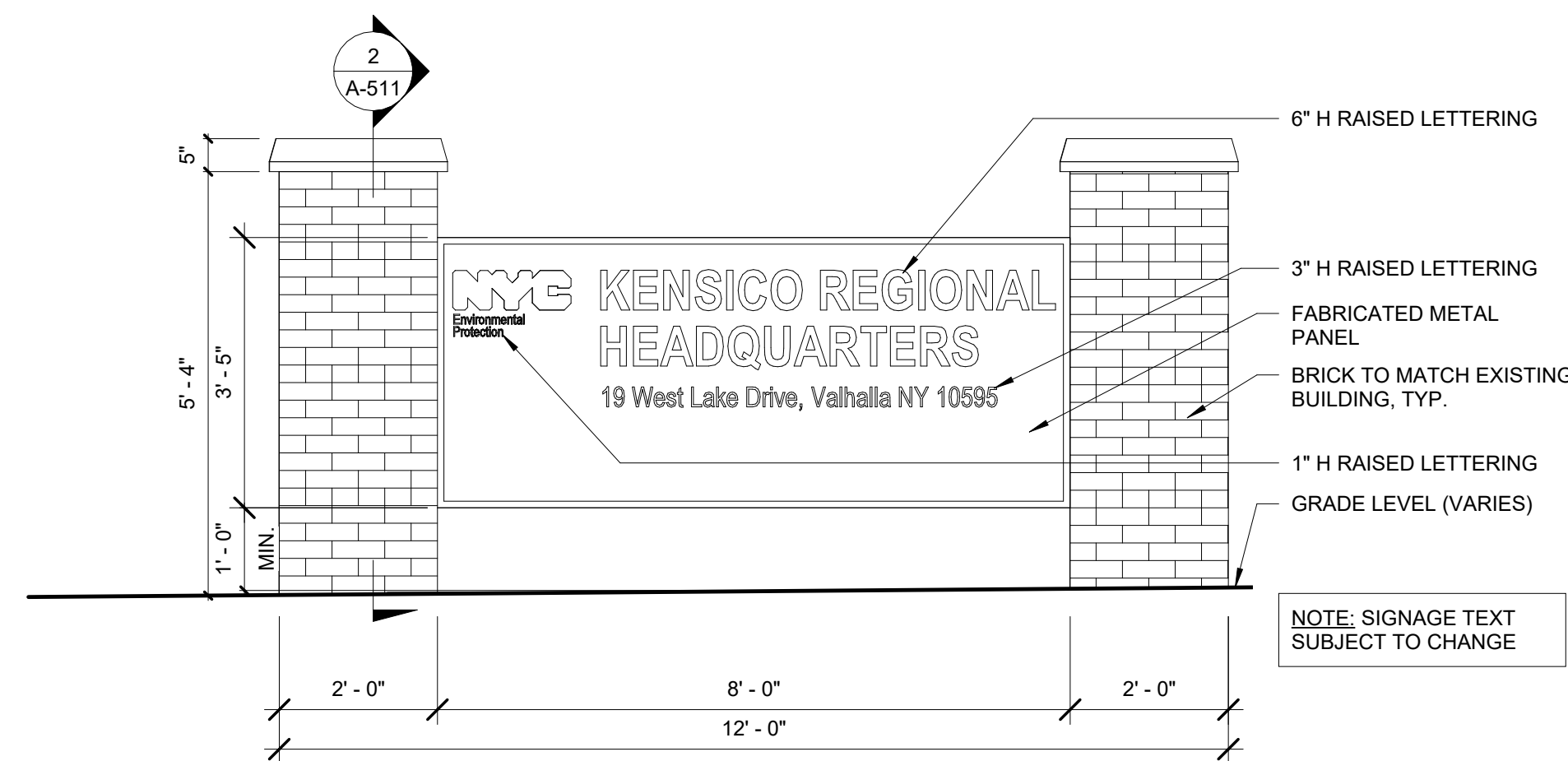
TYPE G:
EVACUATION PLAN



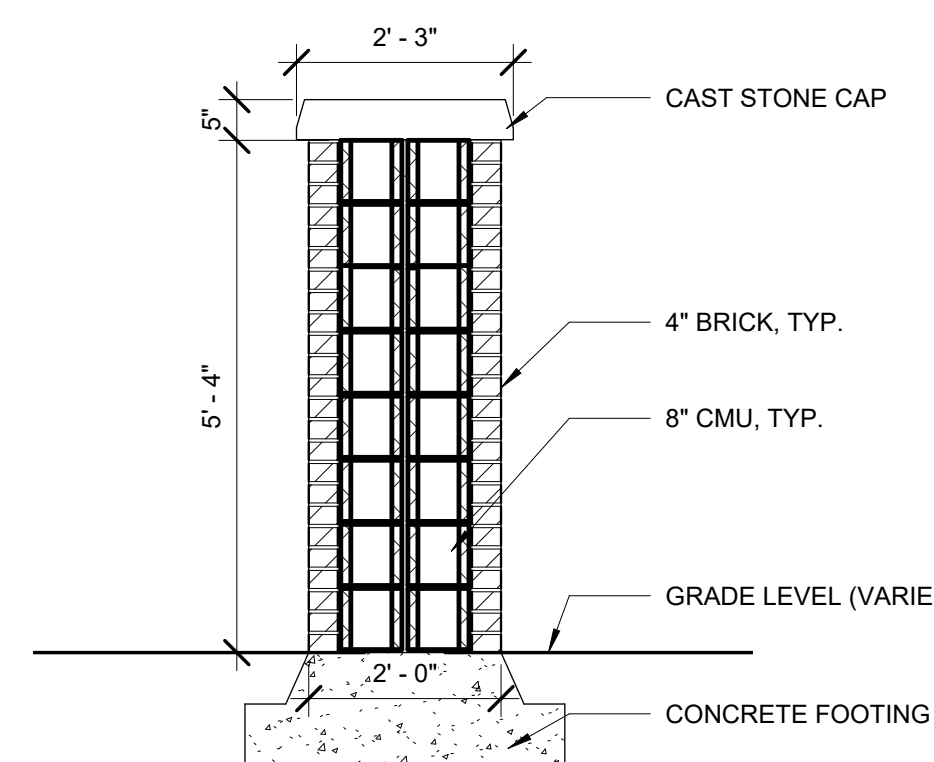
SIGNAGE MOUNTING

ANSI-703.3.10

NOTE:
1. PROVIDE EQUIVALENT INFORMATION IN TACTILE TEXT DESCRIPTOR COMPLYING WITH ICC A117.1.



1 EXTERIOR SIGNAGE ELEVATION
A-511 SCALE: 1/2" = 1'-0"



2 EXTERIOR SIGNAGE SECTION
A-511 SCALE: 1/2" = 1'-0"

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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CHECKED BY: P. D'ANDRILLI	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

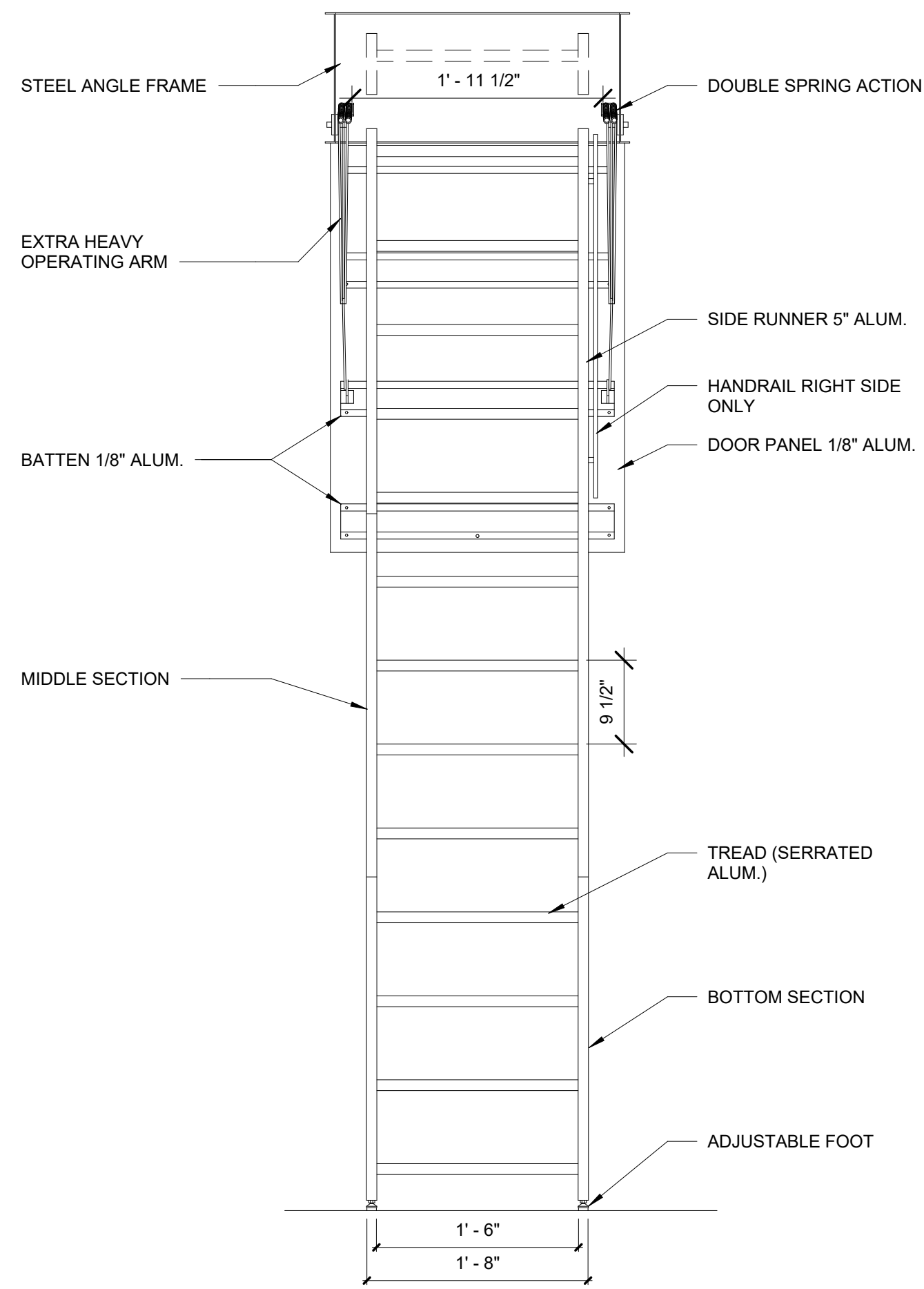
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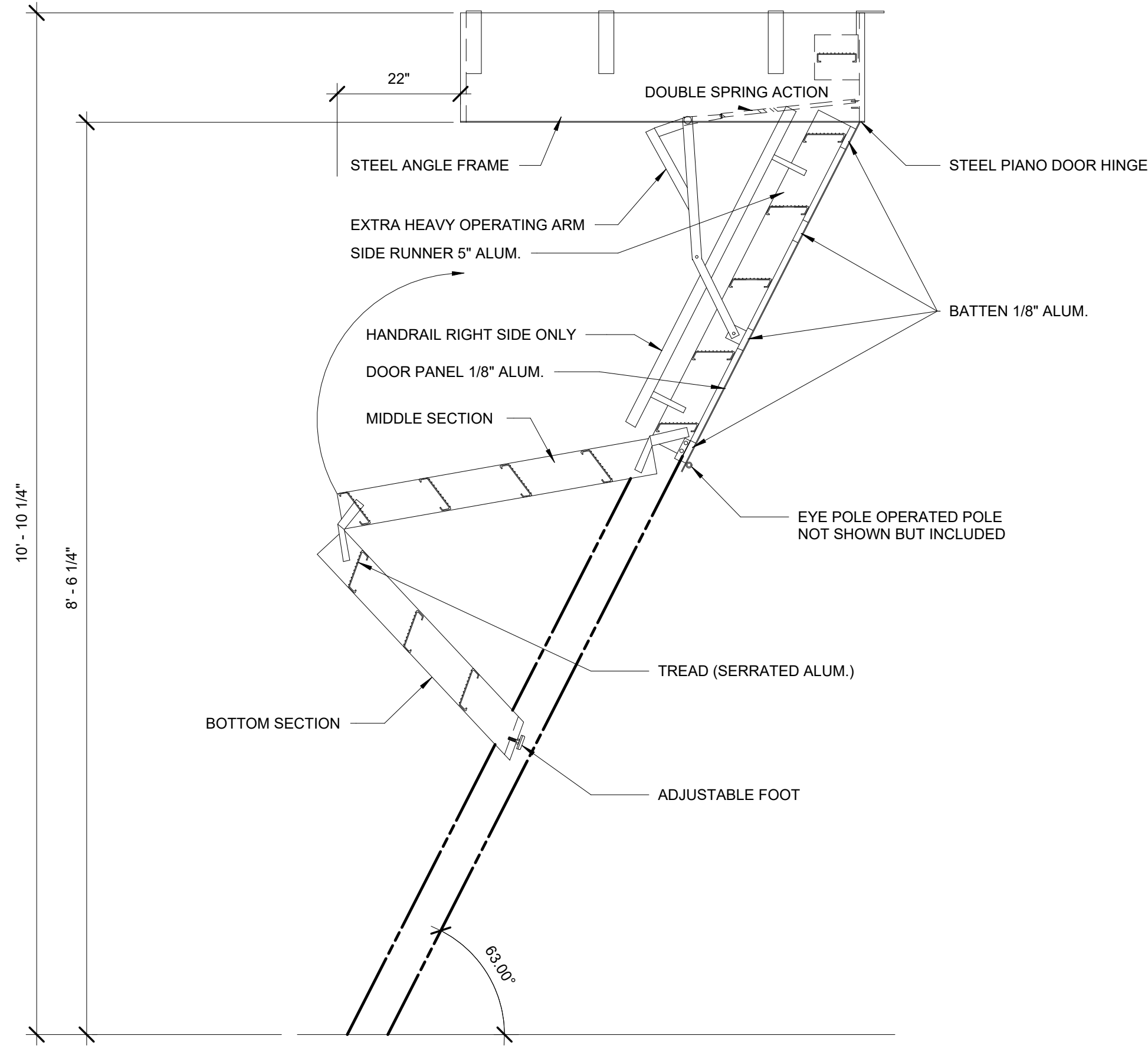
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624

ARCHITECTURAL SIGNAGE DETAILS

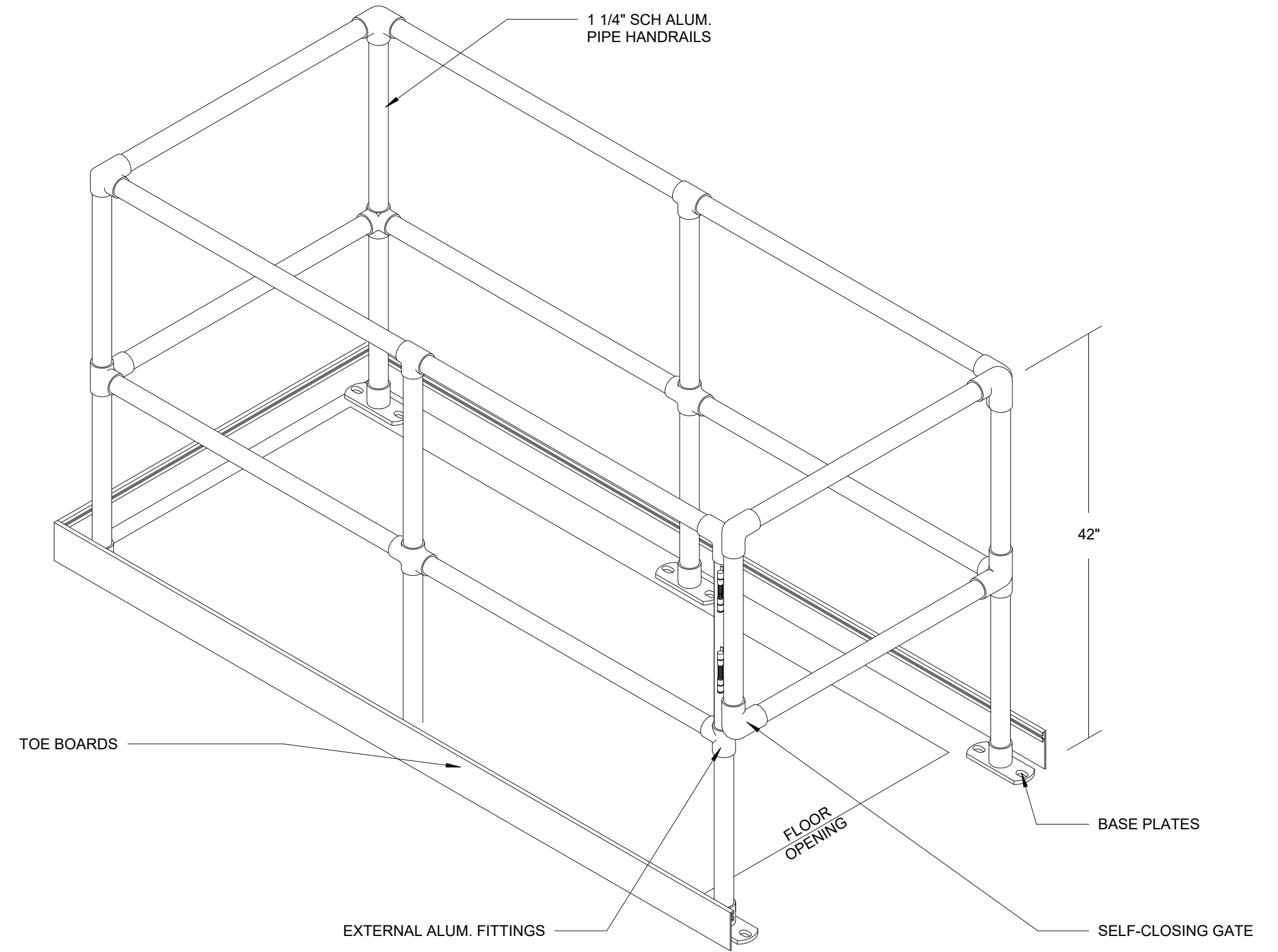
DATE: MAY 2023
SCALE:
SHEET NO: 94 OF No. 121
DRAWING NO. A-511



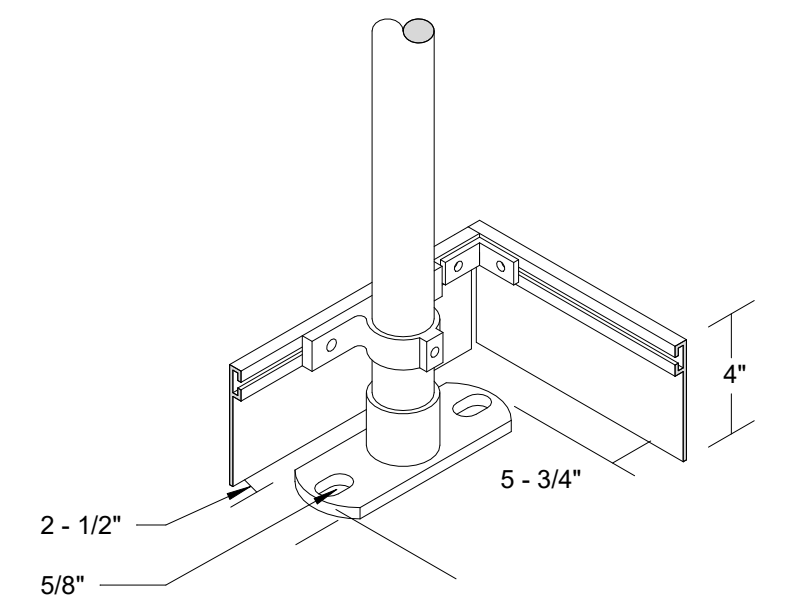
1 ATTIC LADDER ELEVATION
A-521 SCALE: 1" = 1'-0"



2 ATTIC LADDER SECTION
A-521 SCALE: 1" = 1'-0"



3 ALUM. GUARDRAIL SYSTEM
A-521 SCALE: 1" = 1'-0"



4 BASE PLATE & TOE BOARD DETAIL
A-521 SCALE: 1" = 1'-0"

Autodesk Docs/06020603A_CAT-423 WC-03A Region of Kenesico Lab/06020603A_A_KLB.rvt
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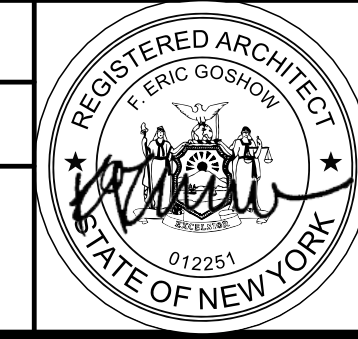
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
E. CLAASSEN

CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

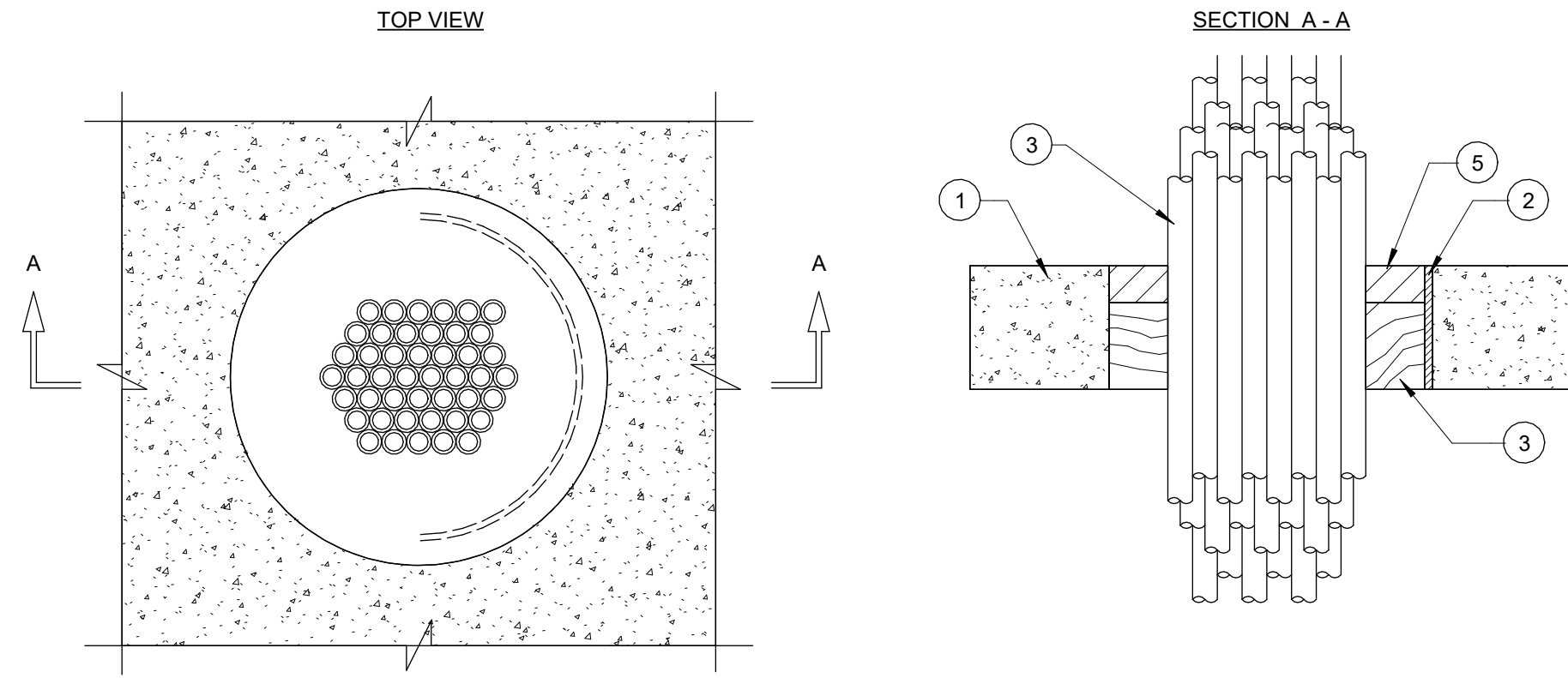
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 ARCHITECTURAL INTERIOR DETAILS	DATE: MAY 2023
	SCALE:
	SHEET NO: 95 OF No. 121
	DRAWING NO. A-521

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.

UL/cUL SYSTEM NO. CAJ3095 SINGLE OR MULTIPLE CABLES THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL
 F RATING = 3-HR, T RATING = 0-HR, 1/2-HR, & 3/4-HR.
 (SEE UL FIRE RESISTANCE DIRECTORY VOL. 2)



- 1. CONCRETE FLOOR OR WALL ASSEMBLY (3-HR FIRE-RATING):
 - A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MIN. 2-1/2" THICK).
 - B. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MIN. 3" THICK).
 - C. ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
- 2. OPTIONAL: MAX. 6" NOMINAL DIAMETER STEEL PIPE SLEEVE (SCHEDULE 10 OR HEAVIER).
- 3. MAX. 4" DIAMETER CABLE BUNDLE TO BE A COMBINATION OF ANY OF THE FOLLOWING:
 - A. MAX. 300 PAIR NO. 24 AWG TELEPHONE CABLE WITH PVC JACKET.
 - B. MAX. 500 KCMIL POWER CABLE WITH PVC JACKET.
 - C. MAX. 7/C NO. 12 AWG POWER CABLE WITH PVC JACKET. D. MAX. (24 FIBER) 1/2" DIAMETER FIBER-OPTIC CABLE. E. MAX. 3/C NO. 12 AWG METAL-CLAD CABLE. 4. MIN. 2" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED. 5. MIN. 1/2" DEPTH HILTI FS-ONE INTUMESCENT OR EQUAL FIRESTOP SEALANT. FIRESTOP COLOR TO MATCH MORTAR COLOR.

NOTES : 1. MAX. DIAMETER OF OPENING = 6". 2. CABLES TO FILL MIN. 25%, TO MAX. 45% OF CROSS-SECTIONAL AREA OF OPENING. 3. STEEL FLOOR UNIT/FLOOR ASSEMBLY (NOT SHOWN). THE FLOOR ASSEMBLY MAY ALSO CONSIST OF MIN. 2-1/2" CONCRETE OVER (1-1/2" TO 3" DEEP) FLUTED METAL DECK. 4. MIN. 1/2" DEPTH HILTI FS-ONE INTUMESCENT OR EQUAL FIRESTOP SEALANT IS REQUIRED ON BOTH SIDES OF A WALL.

1 FIRESTOP DETAIL @ FLOOR OR WALL

A-522 SCALE: 3" = 1'-0"

AutoDesk Docs/06/02/2023_03A_CAT-423 WC-03A Region of Kensico Lab/06/02/2023_03A_A_KLB.rvt
 5/5/2023 10:28:15 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
E. CLAASSEN

CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES

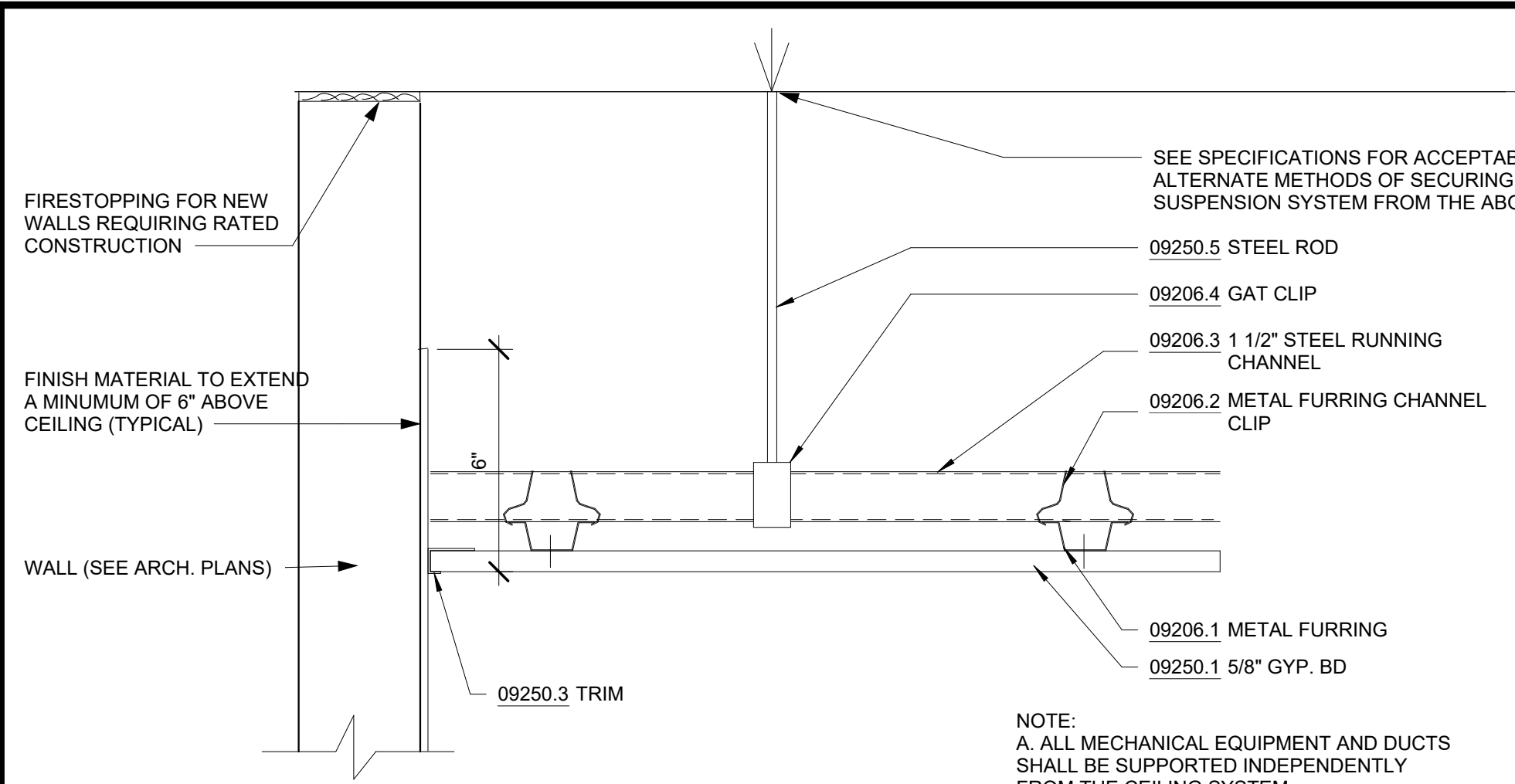
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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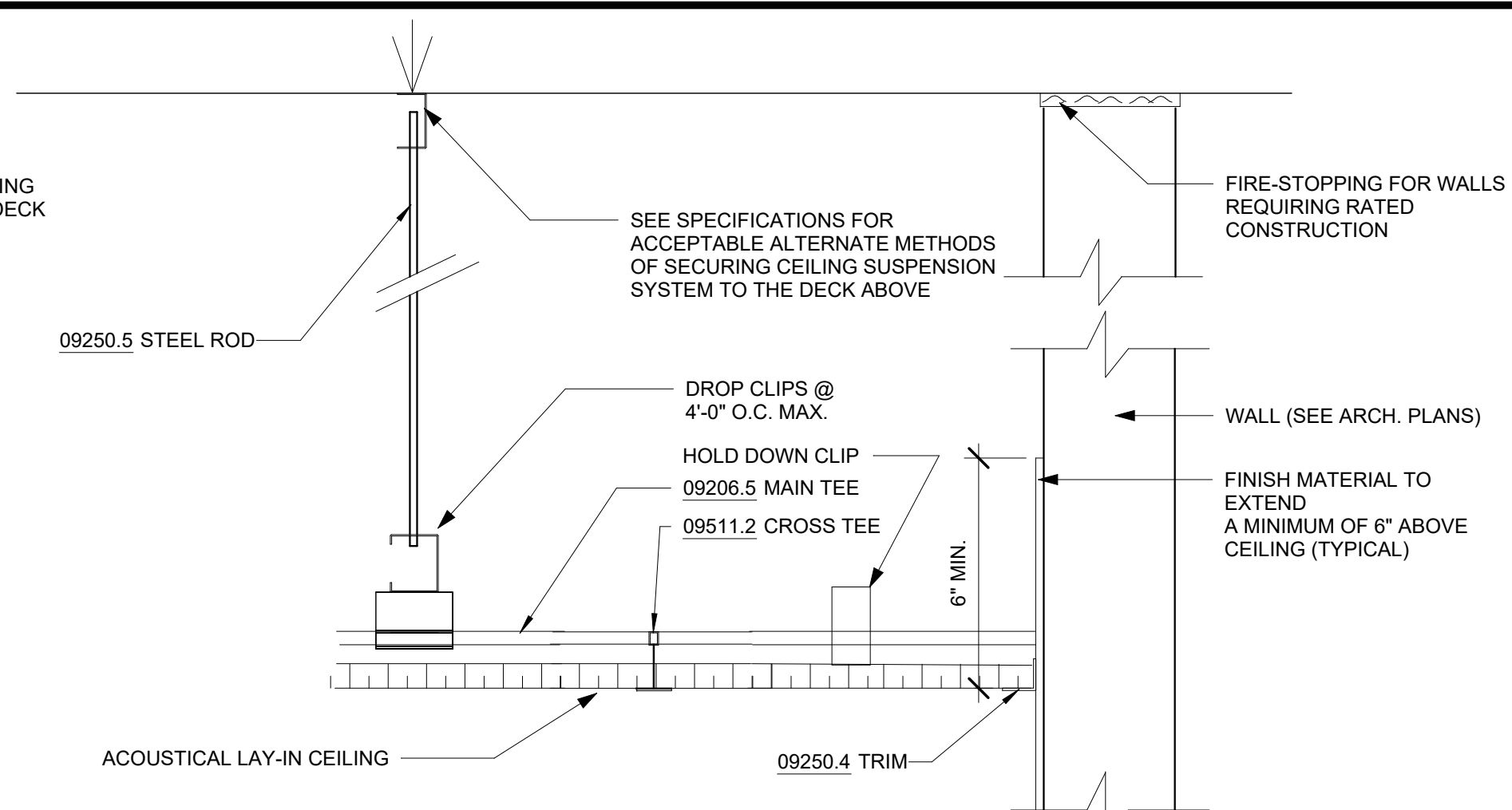
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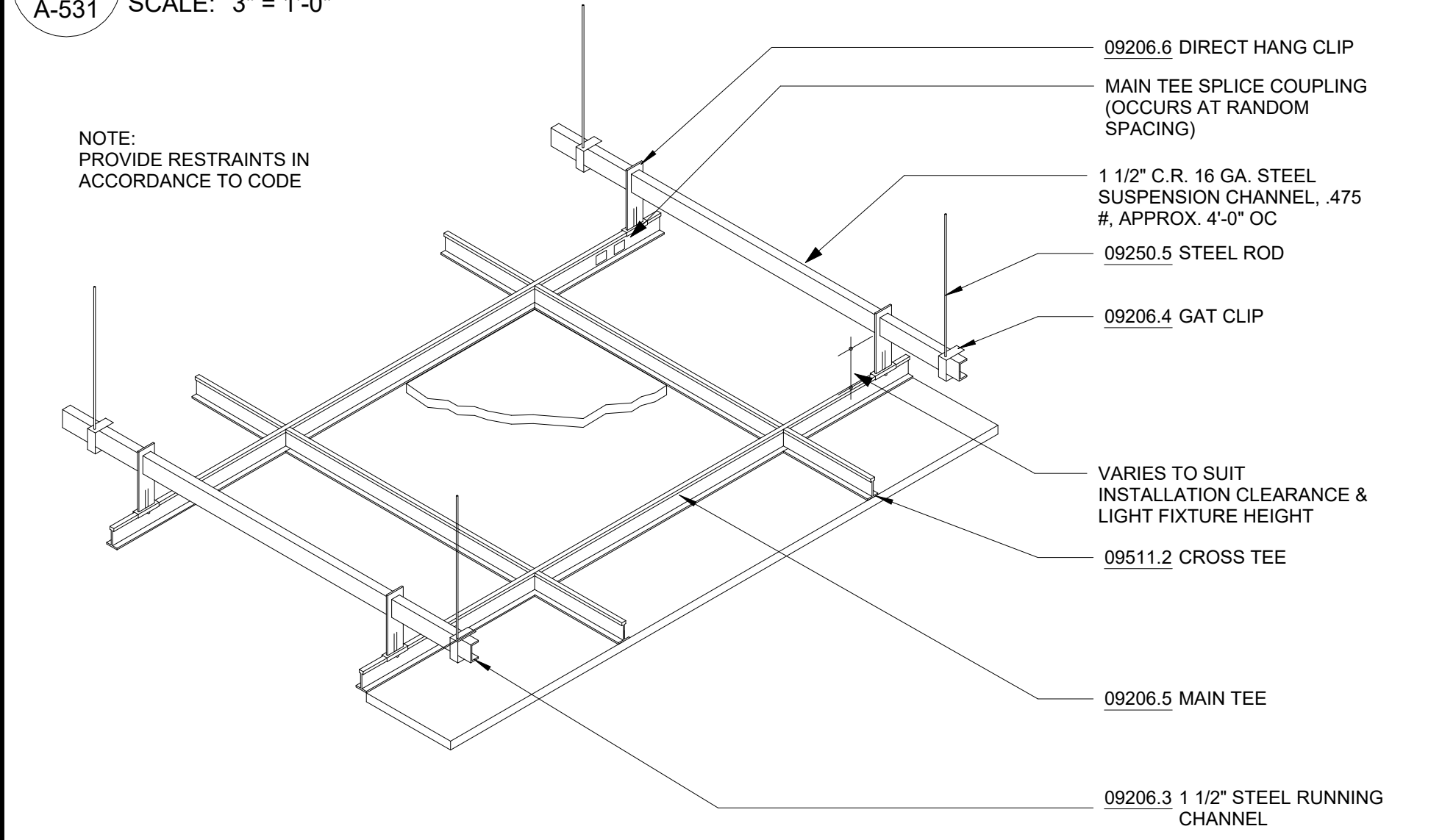
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 ARCHITECTURAL FIRESTOPPING DETAILS	DATE: MAY 2023
	SCALE:
	SHEET NO: 96 OF No. 121
	DRAWING NO. A-522



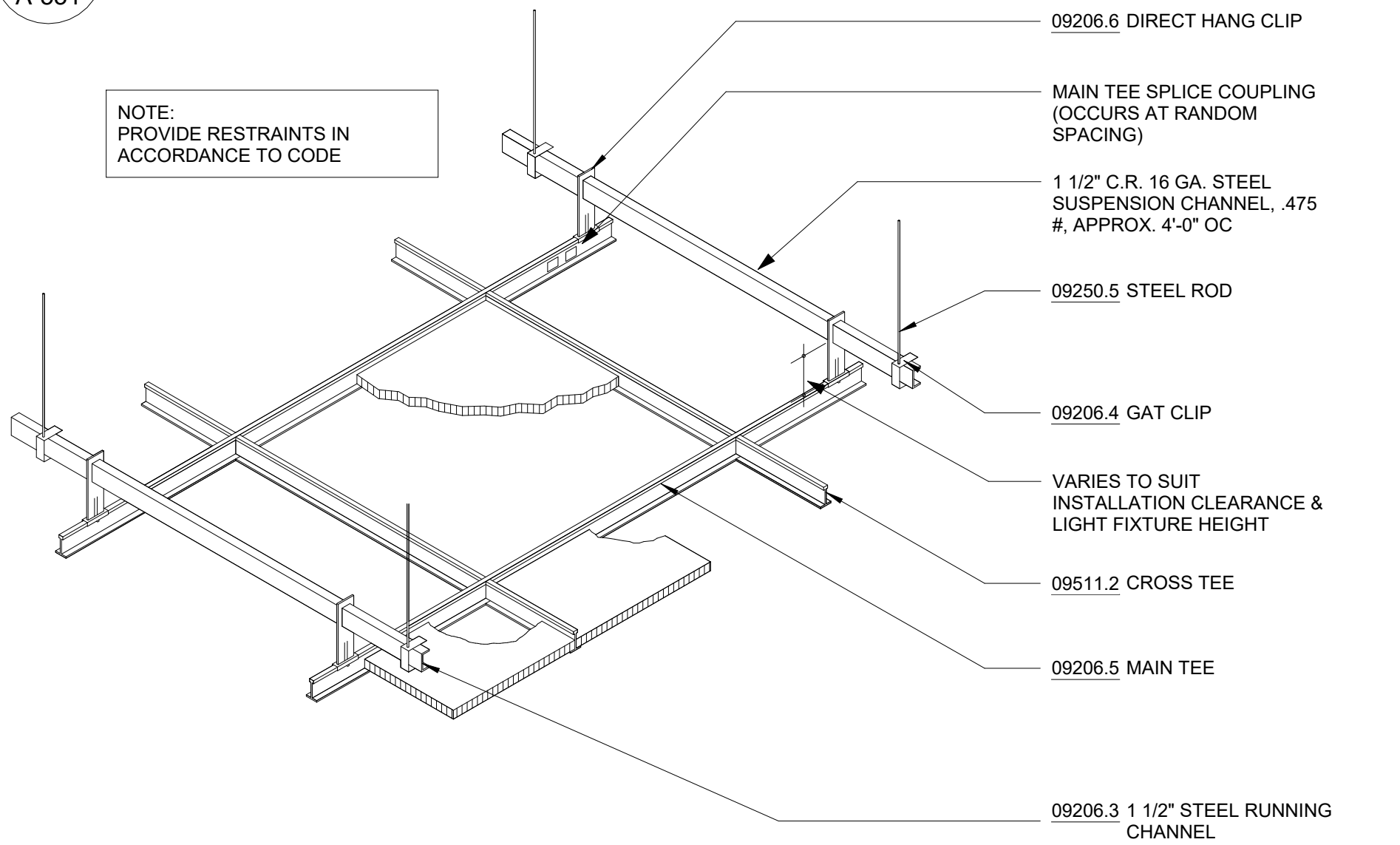
1 TYPICAL GYPSUM CEILING DETAIL
A-531 SCALE: 3" = 1'-0"



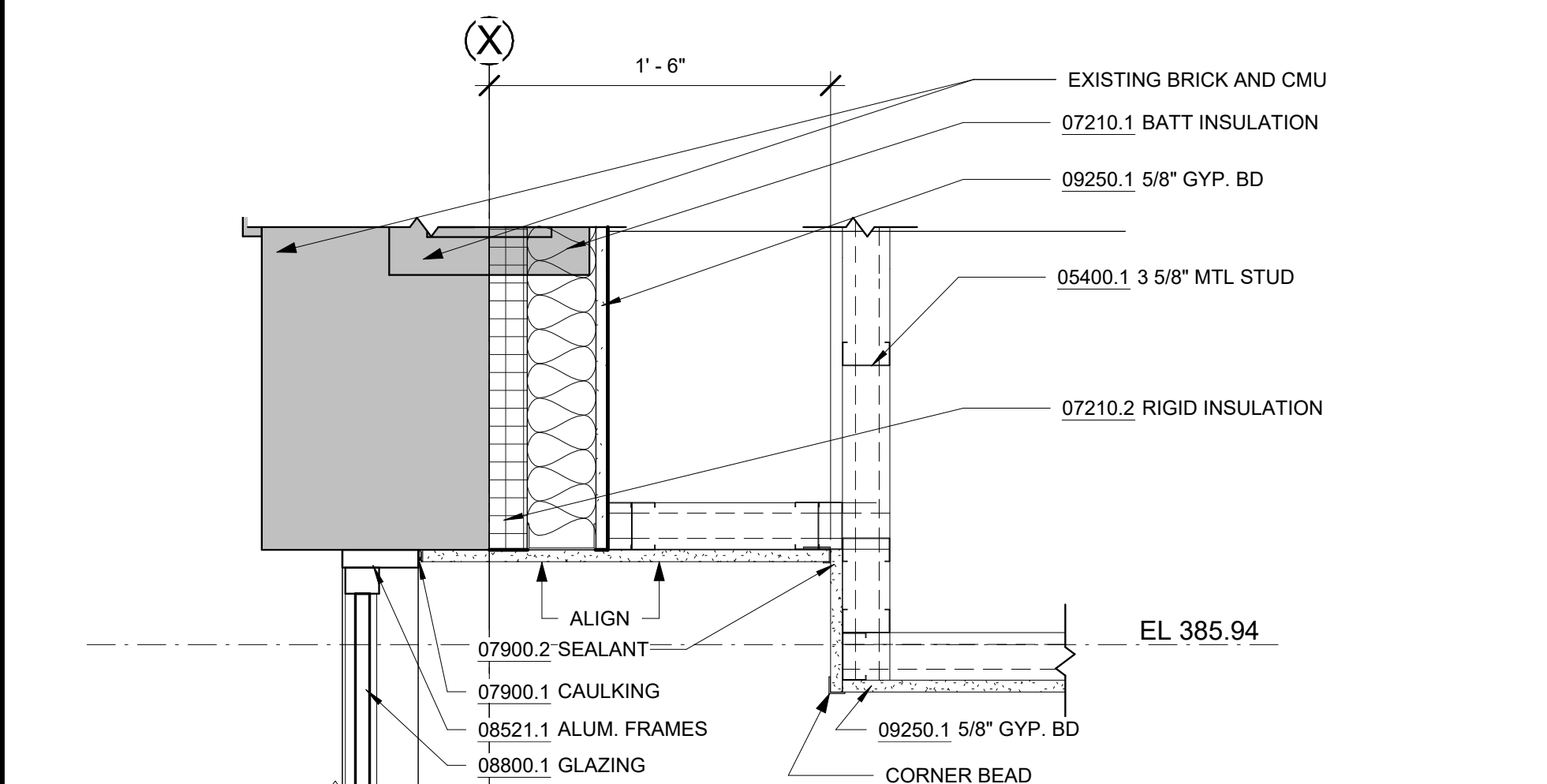
2 TYPICAL ACT CEILING DETAIL
A-531 SCALE: 3" = 1'-0"



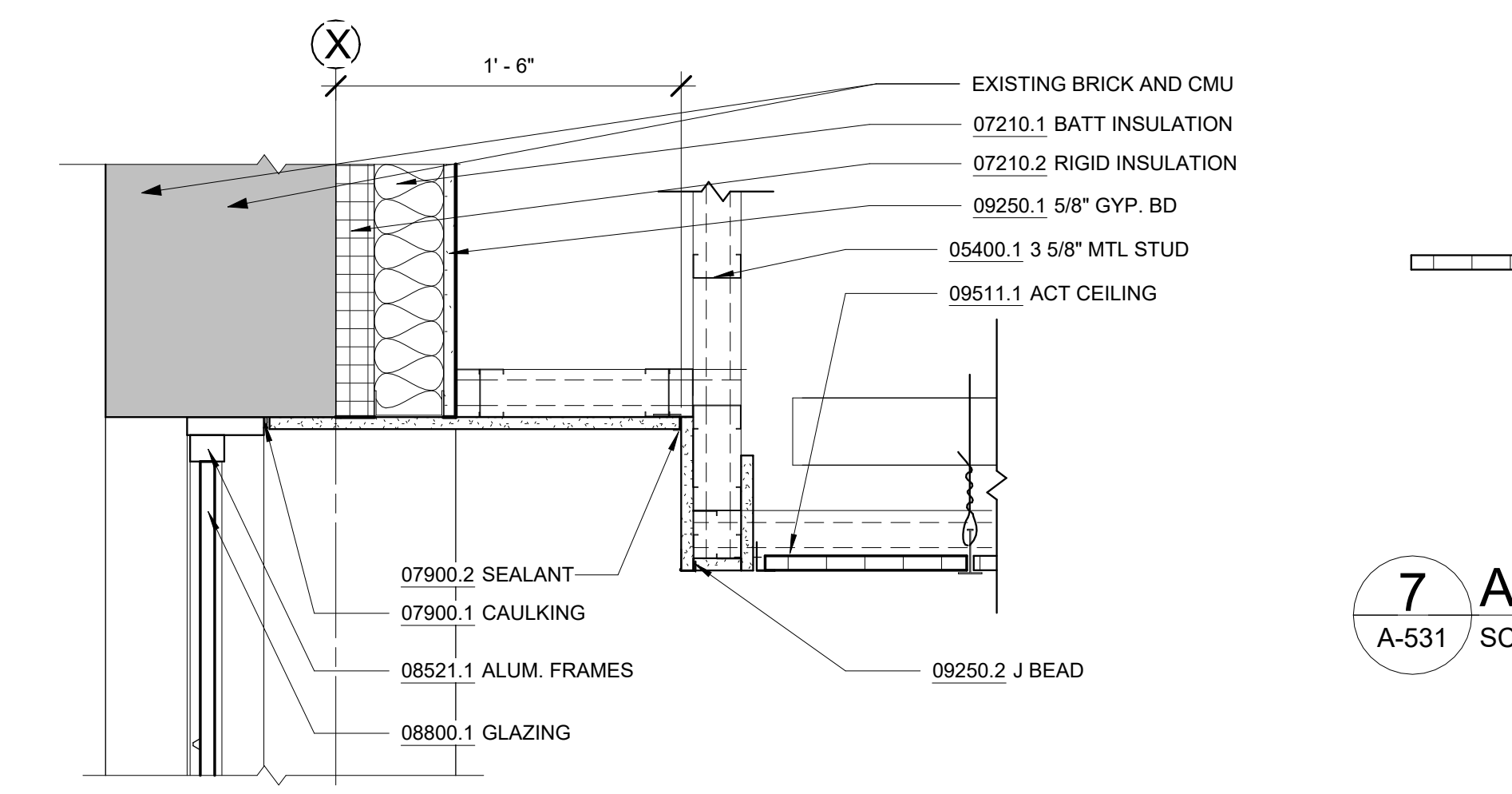
3 GYPSUM CEILING DETAIL
A-531 SCALE: NOT TO SCALE



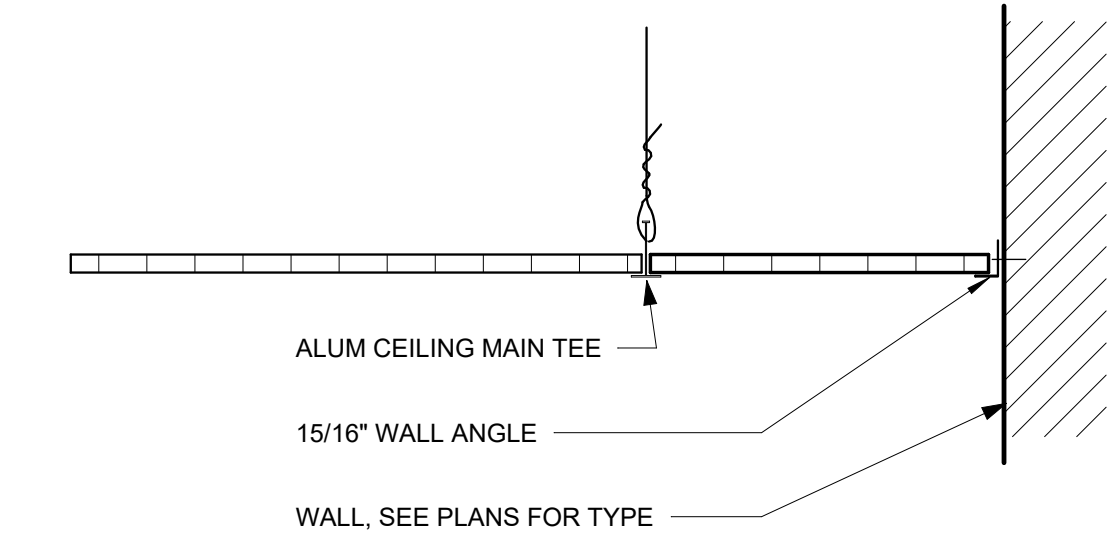
4 ACT CEILING DETAIL
A-531 SCALE: NOT TO SCALE



5 TYP. GYP BD SOFFIT
A-531 SCALE: 1 1/2" = 1'-0"



6 TYP. ACT SOFFIT DETAIL
A-531 SCALE: 1 1/2" = 1'-0"



7 ACT CEILING PERIMETER DETAIL
A-531 SCALE: NOT TO SCALE

NOTES - DETAILS

DIVISION 4	04120.1 BRICK MASONRY INFILL BEYOND	INFILL WALL WITH BRICK TO MATCH EXISTING
DIVISION 5	05400.1 3 5/8" MTL STUD TYP.	3 5/8" METAL STUD @ 16" O.C.
	05400.2 2 1/2" METAL STUD TYP.	2 1/2" METAL STUD @ 16" O.C.
	05501.2 ALUMINUM	CANOPY RECONSTRUCTION ZINC-ANNOIDIZED ALUMINUM COMMERCIAL-GRADE ALUMINUM FOLDING STAIRWAY WITH DROP-CEILING FRAME
	05501.3 ATTIC ACCESS HATCH	
DIVISION 7	07210.1 BATT INSULATION	FOIL-FACED RECYCLED GLASS FIBER BATTS FOR INSULATION AND VAPOR RETARDER
	07210.2 <varies>	2" RIGID XPS INSULATION, R-5 PER INCH MIN.
	07540.1 ROOFING	SINGLE-PLY THERMOPLASTIC (PVC) MEMBRANE ROOFING
	07620.2 FLASHING	STAINLESS STEEL SHEET FLASHING
	07621.1 STRAINER ROOF DRAIN	4-1/2" DIAMETER CAST IRON CANOPY DRAIN WITH STRAINER
	07621.2 DOWNSPOUT	CUSTOM ZINC-ANNOIDIZED ALUMINUM DOWNSPOUT. DESIGN TO MATCH ORIGINAL LEAD-COATED COPPER DOWNSPOUT
	07900.1 CAULKING	CONTINUOUS CAULKING WITH BACKER ROD
	07900.2 SEALANT	J TRIM W/ SEALANT, TYP.
	07900.3 SEALANT	
DIVISION 8	08361.1 OVERHEAD DOOR	INSULATED ALUMINUM SECTIONAL OVERHEAD DOOR WITH VISION LITES
	08411.1 ALUM. STOREFRONT	
	08521.1 ALUM. FRAMES	
	08800.1 GLAZING	1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING
DIVISION 9	09206.1 METAL FURRING	
	09206.2 METAL FURRING CHANNEL CLIP	
	09206.3 1 1/2" STEEL RUNNING CHANNEL	
	09206.4 GAT CLIP	4B1.5L CAT. #16.59.SM (OR OTHER APPROVED MEANS)
	09206.5 MAIN TEE	24" OC MAX. SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC)
	09206.6 <varies>	<varies>
	09250.1 5/8" GYP. BD	
	09250.2 J BEAD	GYP BD J CASING BEAD, TAPE AND SPACKLE
	09250.3 TRIM	1" X 1" CORNER TRIM W/ SEALANT BED
	09250.4 TRIM	
	09250.5 STEEL ROD	1/4" DIA. GALV. STEEL ROD, NOT TO EXCEED 4'-0" OC
	09250.6 CEMENT PANELS	3/4" EXTERIOR CEMENT BOARD SOFFIT PANELS
	09511.1 ACT CEILING	
	09511.2 CROSS TEE	1 1/2" HIGH, 2'-0" OC

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
<p>REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624</p> <p>ARCHITECTURAL CEILING DETAILS</p>	
DATE: MAY 2023	SCALE:
SHEET NO: 97	OF No. 121
DRAWING NO: A-531	

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. CLAASSEN
CHECKED BY: F.E. GOSHOW

DRAWN BY: S. KINARD
DESIGN LEAD: E. BARBOE, P.E.

Hazen



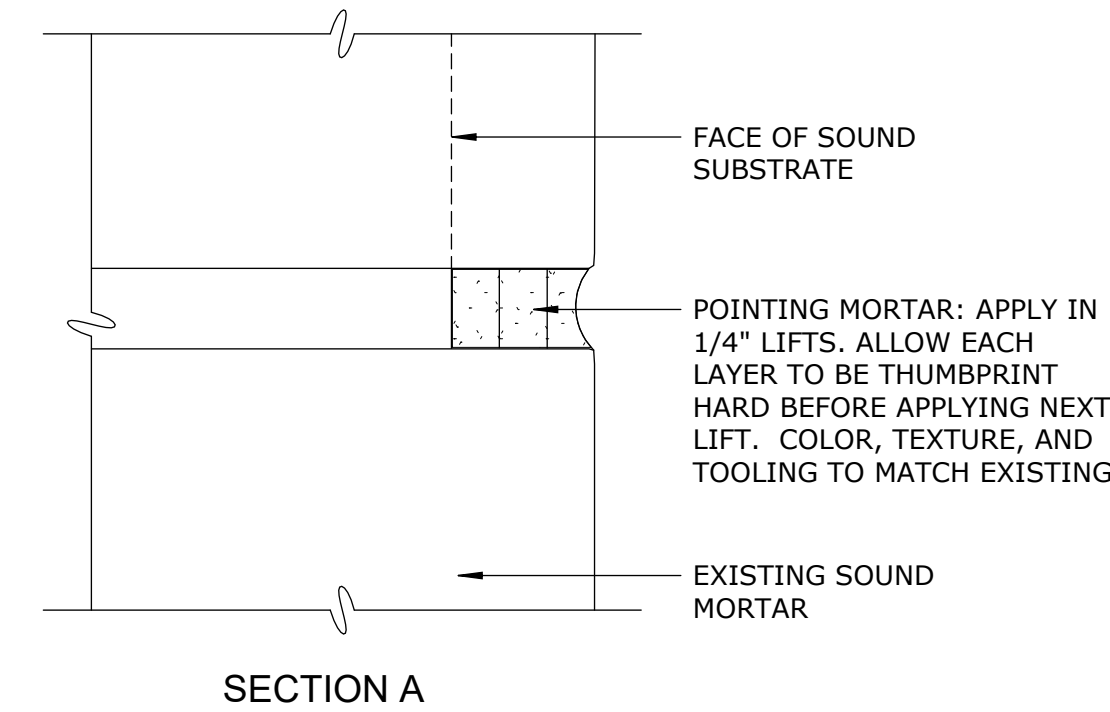
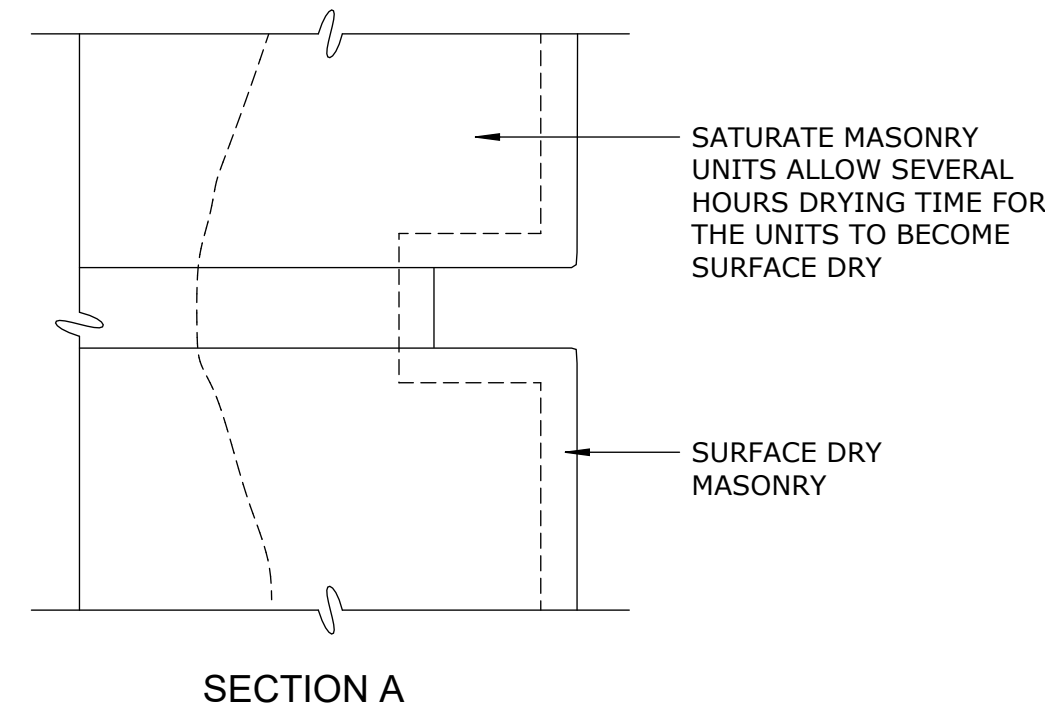
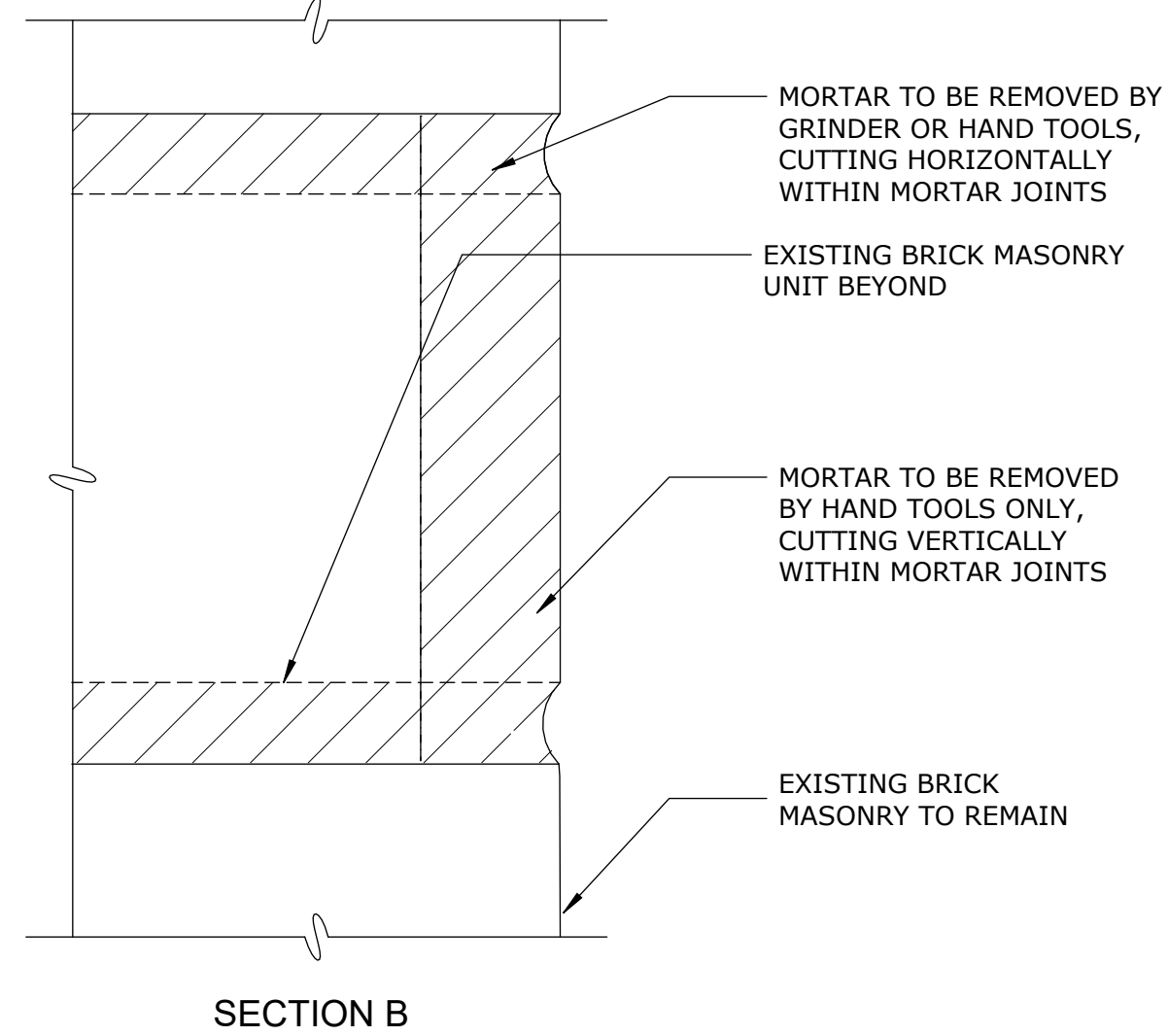
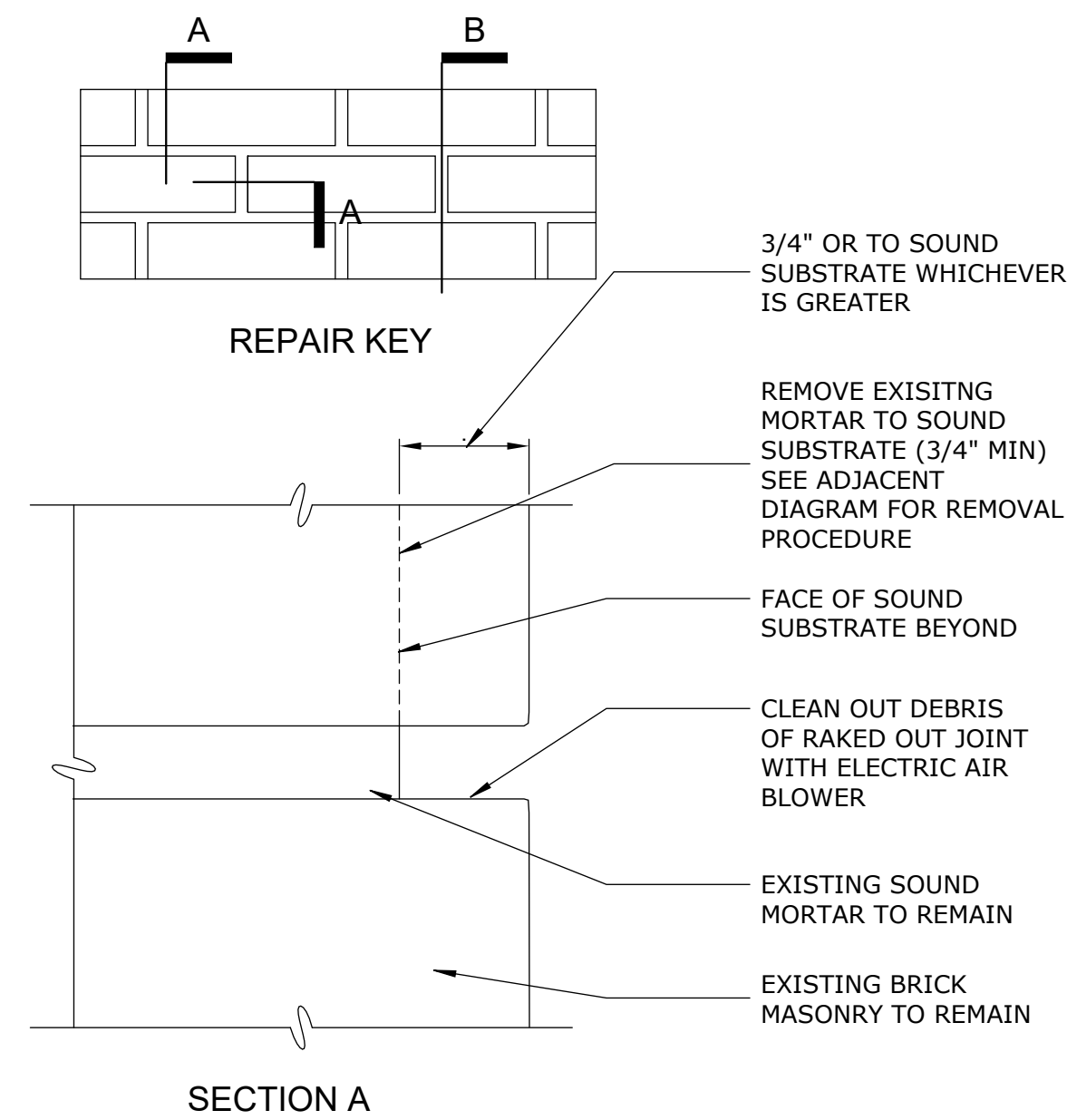
ACCOUNTABLE MANAGER: JOSE NIEVES
PORTFOLIO MANAGER: MARK DELBALZO, P.E.

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Autodesk Docs/09209030A_CAT-423 WC-03A Region of Kensico Lab/09209030A_A_KLB.rvt 5/5/2023 10:28:18 AM

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STEP 1: MORTAR REMOVAL

STEP 2: PRE-WETTING OF MASONRY UNITS

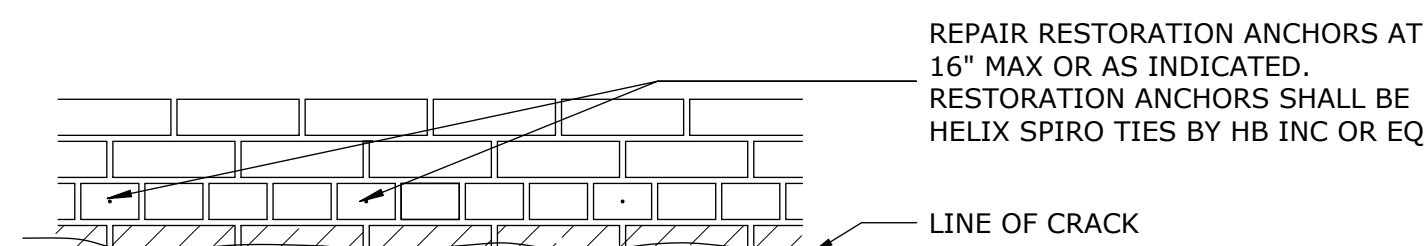
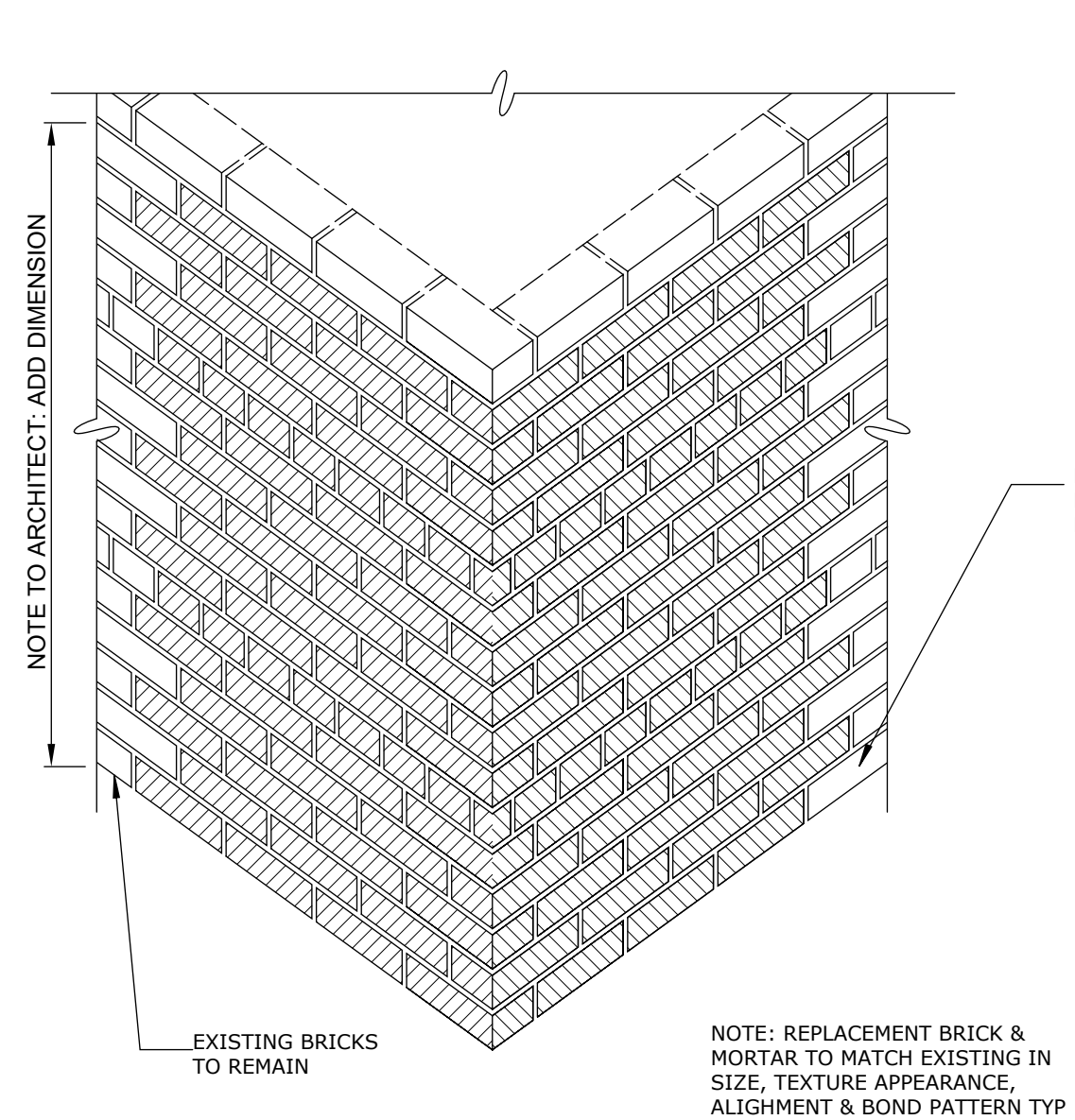
STEP 3: APPLICATION OF MORTAR

NOTE: ALL BRICKS DAMAGED BY JOINT CUTTING ARE TO BE REPLACED TO MATCH EXISTING AT NO ADDITIONAL COST TO THE OWNER. PATCHING AND/OR OVERSIZING OF JOINTS TO ADDRESS DAMAGE WILL BE REJECTED.

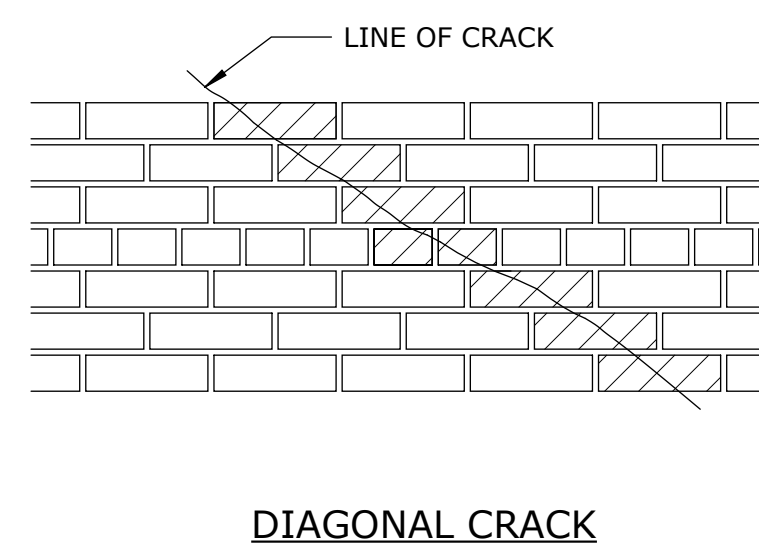
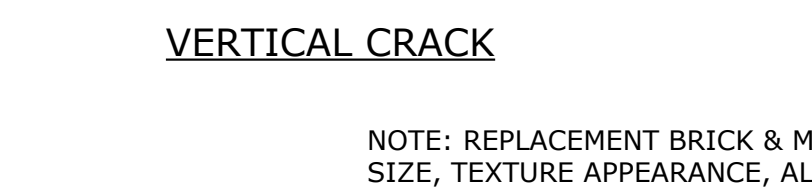
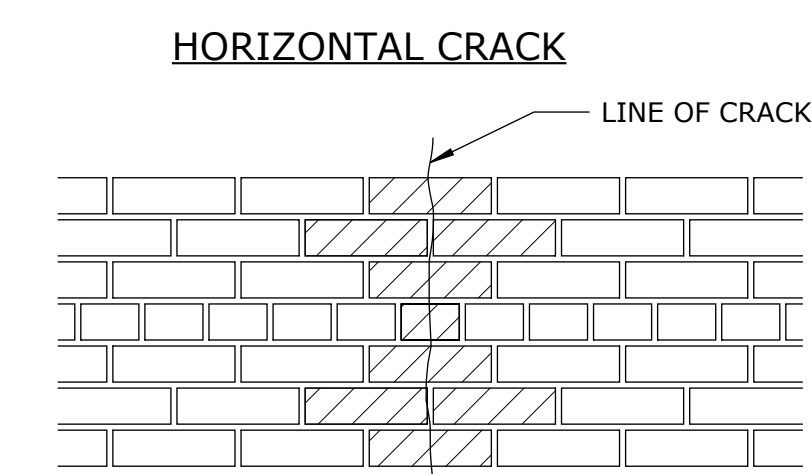
NOTE: STAIN POINTING MORTAR TO MATCH EXISTING

1 UNIT MASONRY RESTORATION DETAILS

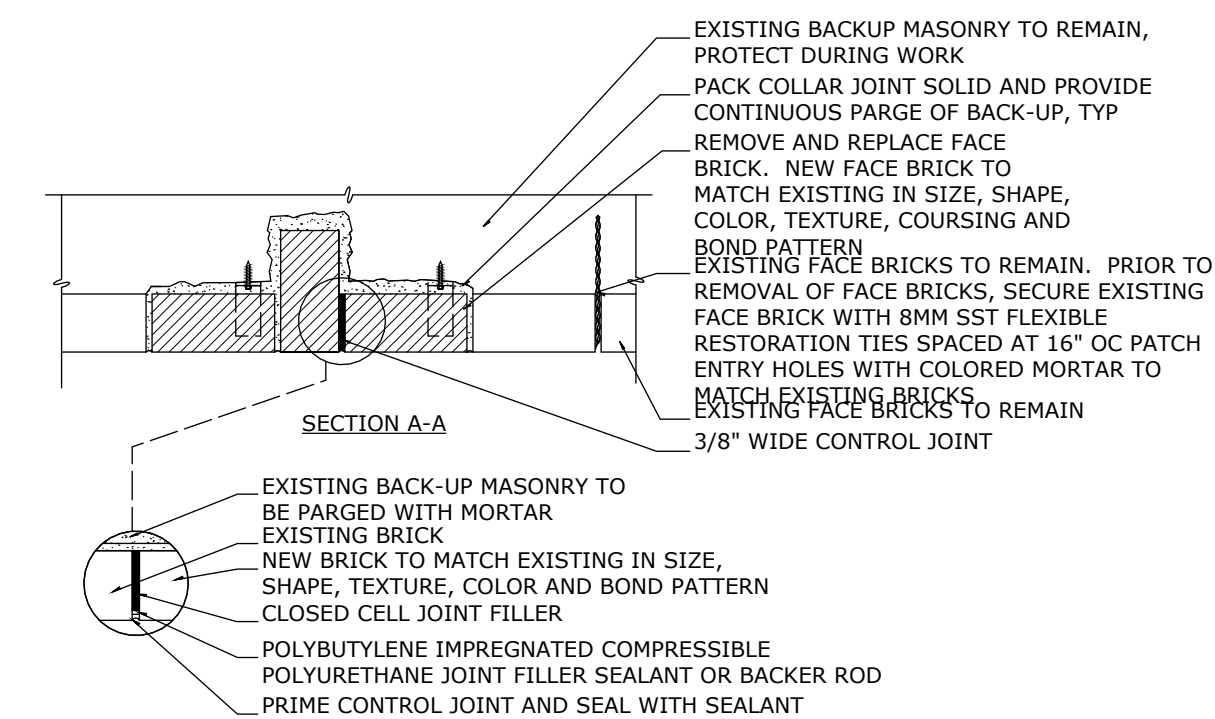
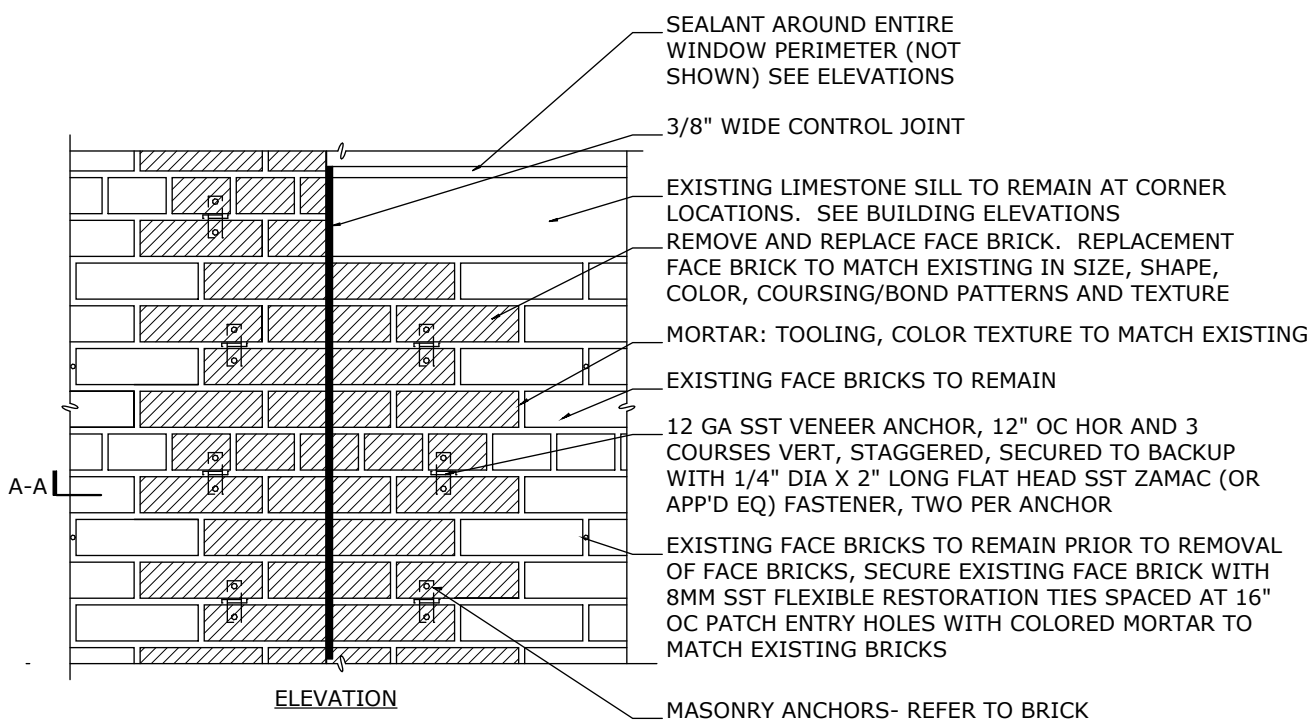
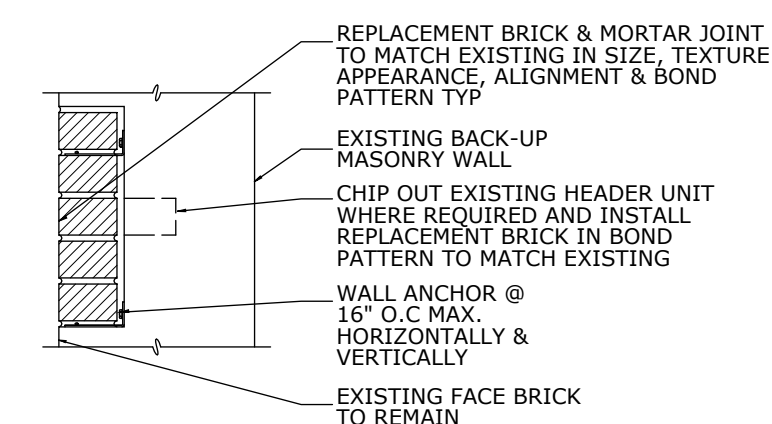
A-541 SCALE: 3" = 1'-0"



NOTE: AT HORIZONTAL CRACK, THE REPLACEMENT OF BRICKS SHALL BE PERFORMED IN SECTIONS OF 3'-0" EACH. PROPERLY SHORE UPPER PORTION OF WALL PRIOR TO REPLACEMENT WORK. TYPICAL AT ALL BRICK REPLACEMENT.



NOTE: REPLACEMENT BRICK & MORTAR TO MATCH EXISTING IN SIZE, TEXTURE APPEARANCE, ALIGNMENT & BOND PATTERN TYP



2 UNIT MASONRY RESTORATION DETAILS-BRICK (COMMON BOND)

A-541 SCALE: 1" = 1'-0"

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

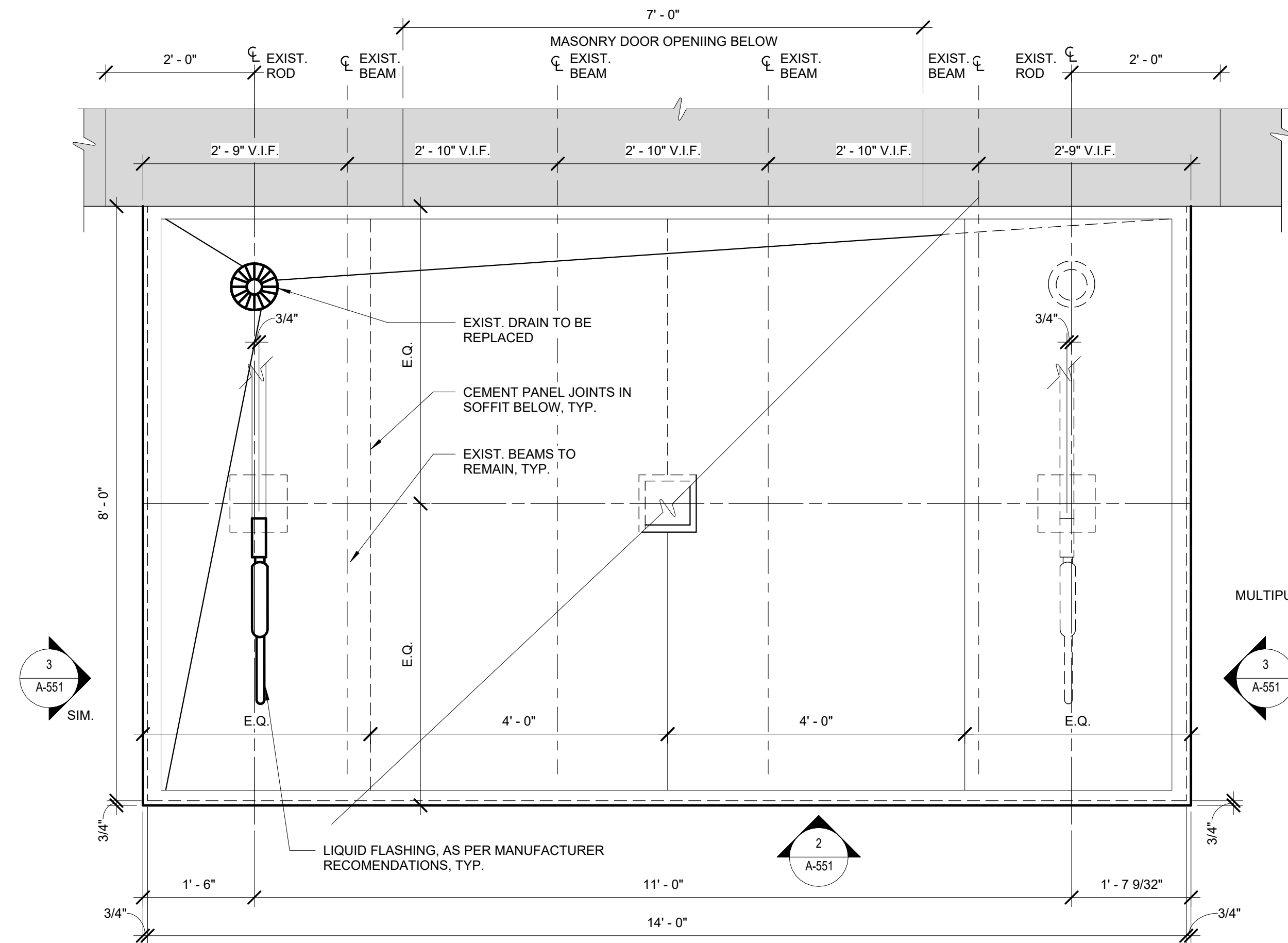
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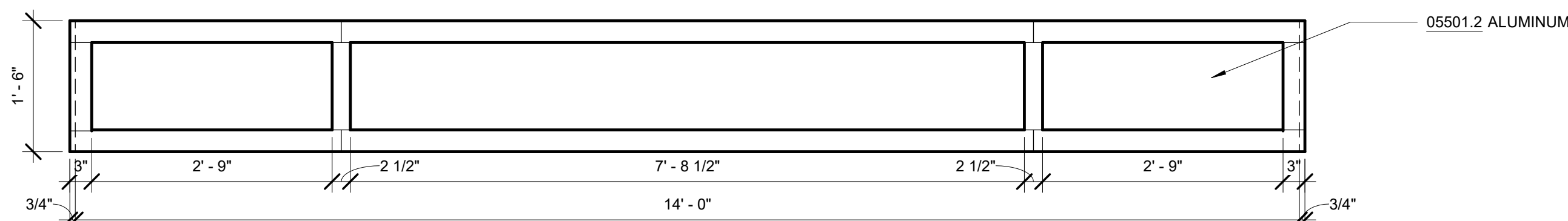
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624

ARCHITECTURAL MASONRY RESTORATION DETAILS

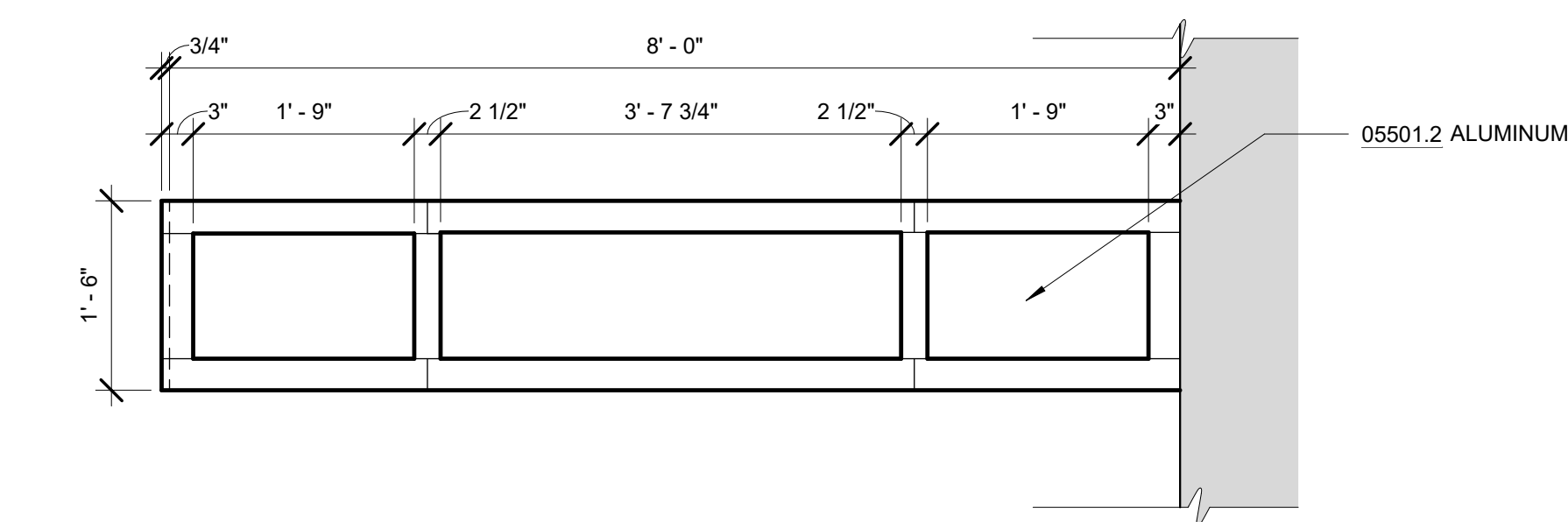
DATE: MAY 2023
SCALE:
SHEET NO: 98 OF No. 121
DRAWING NO. A-541



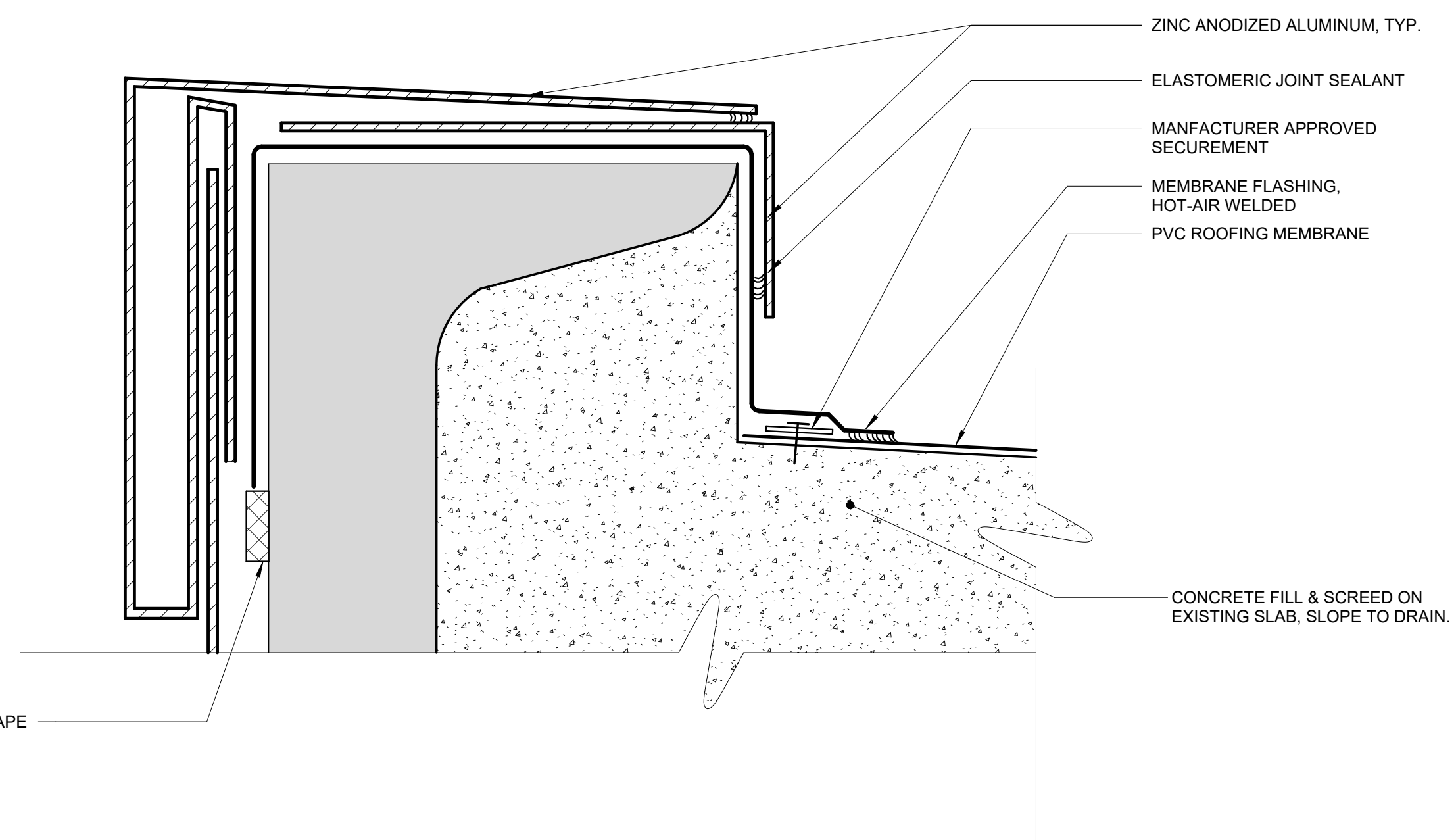
1 CANOPY PLAN
A-551 SCALE: 3/4" = 1'-0"



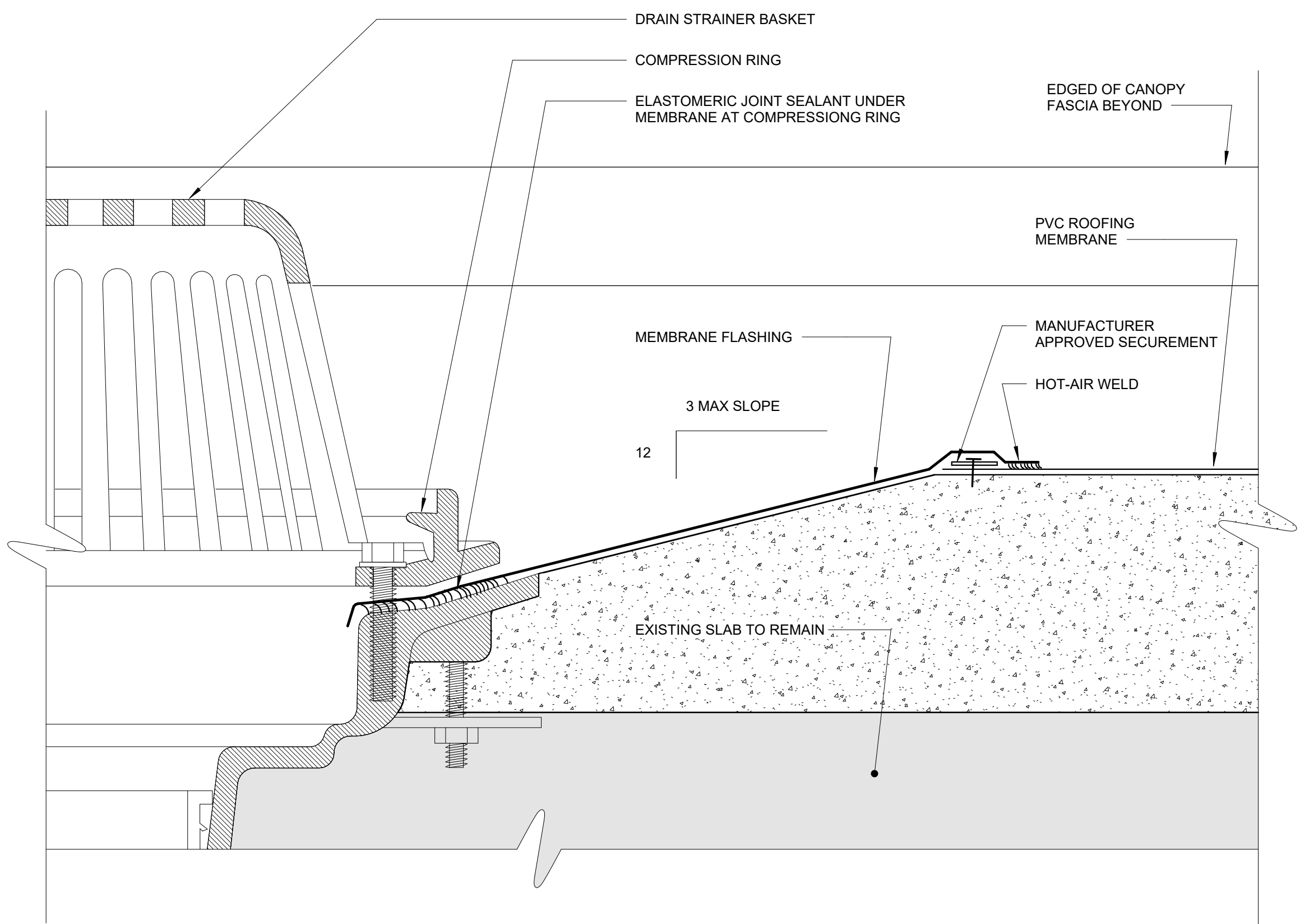
2 CANOPY FRONT ELEVATION
A-551 SCALE: 3/4" = 1'-0"



3 CANOPY SIDE ELEVATION
A-551 SCALE: 3/4" = 1'-0"



4 TYP. SINGLE-PLY PVC MEMBRANE ROOFING DETAIL
A-551 SCALE: NOT TO SCALE



5 DRAIN DETAIL - PVC SINGLE MEMBRANE ROOF
A-551 SCALE: NOT TO SCALE

BID SET	GRAPHIC SCALES CHECK BEFORE USE
	IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 99 OF No. 121 DRAWING NO. A-551
ARCHITECTURAL CANOPY DETAILS	

Autodesk Docs/06020603A_CAT-423 WC-03A-Region of Kenesico Lab/06020603A_A_KLB.rvt 5/5/2023 10:28:21 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

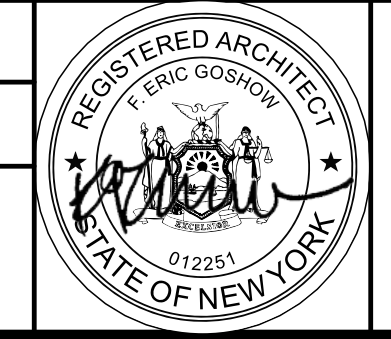
DESIGNED BY:
E. CLAASSEN

CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



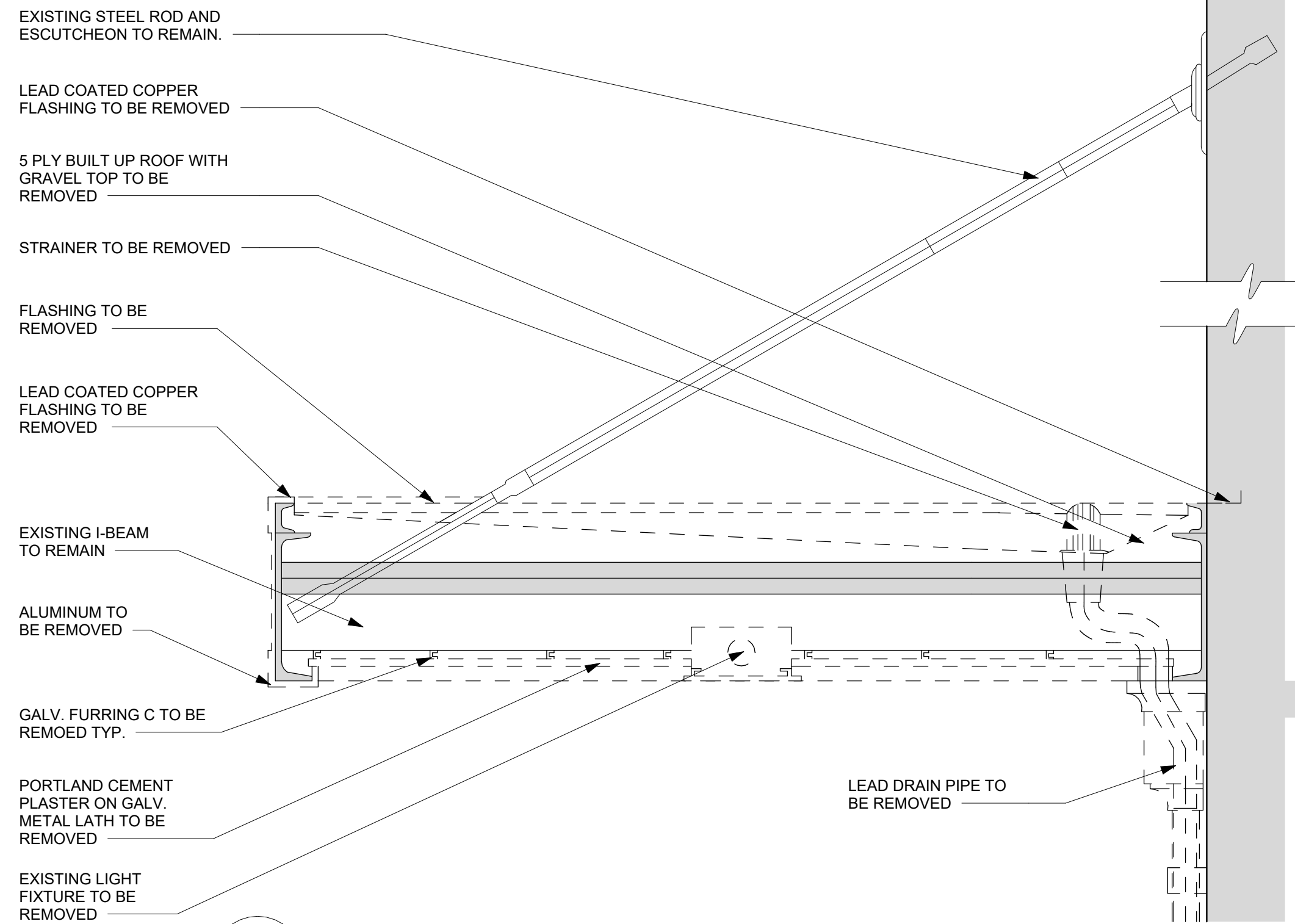
ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

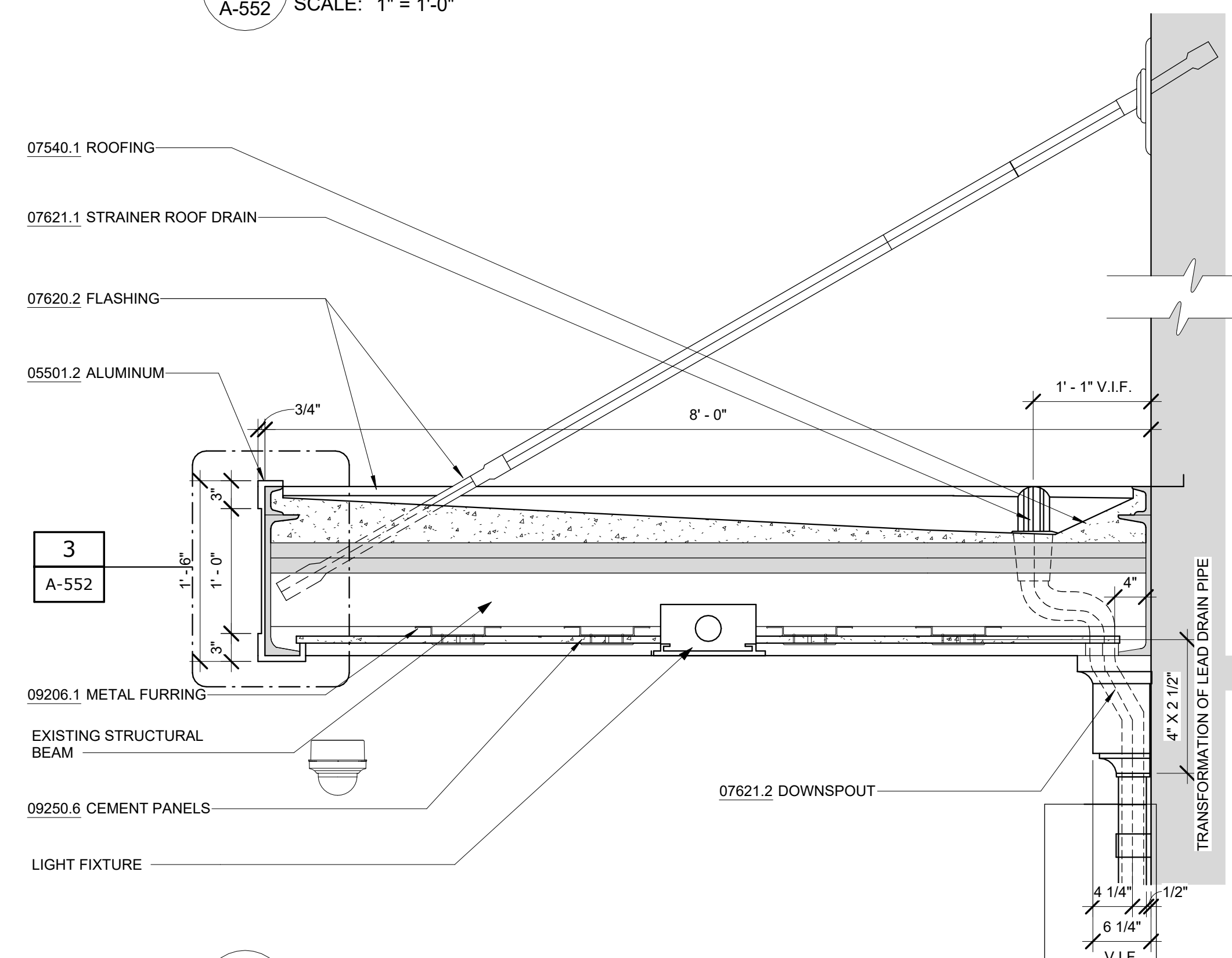
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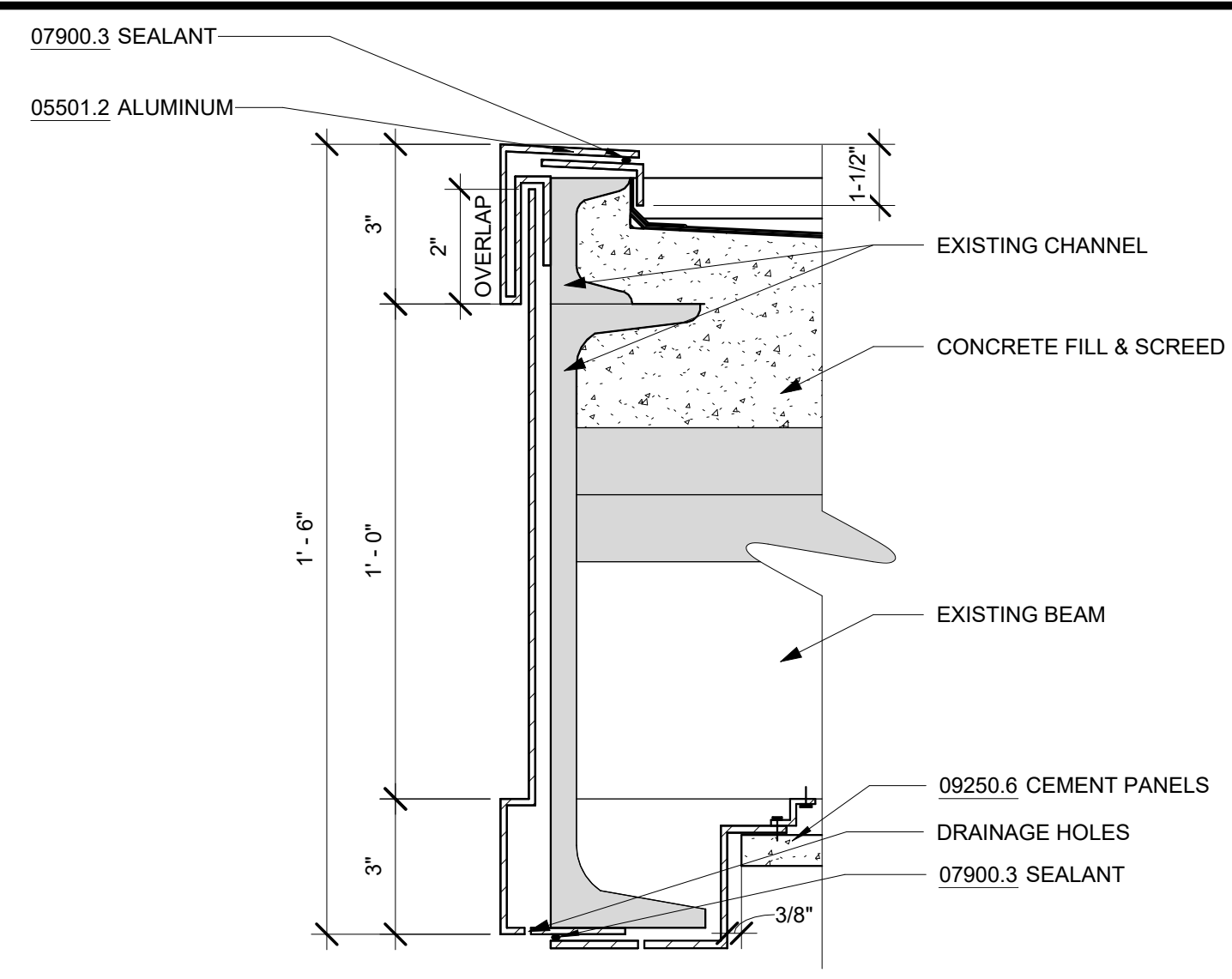
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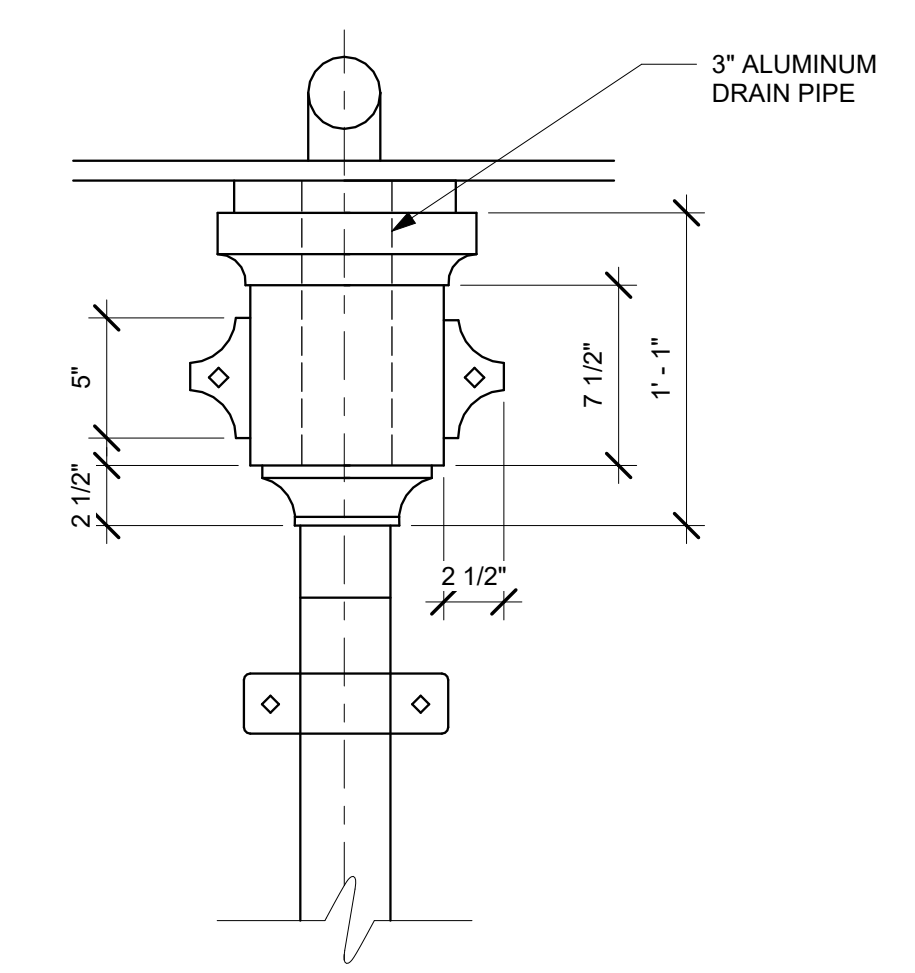
1 SECTION - CANOPY REMOVAL
A-552 SCALE: 1" = 1'-0"



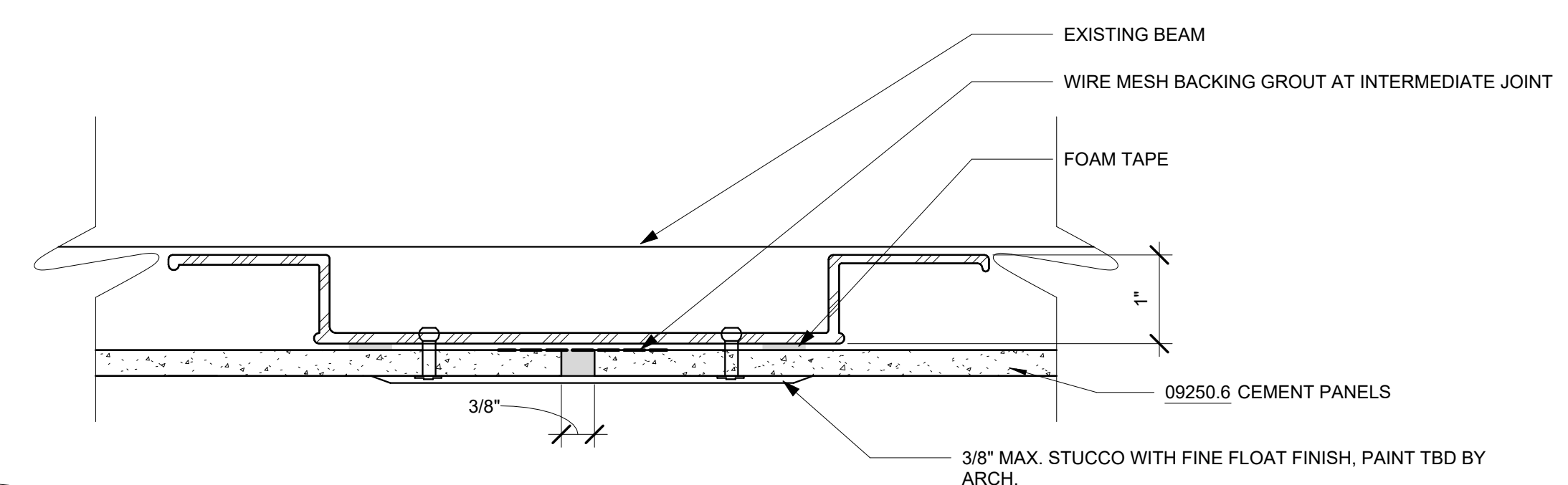
2 SECTION CANOPY CONSTRUCTION
A-552 SCALE: 1" = 1'-0"



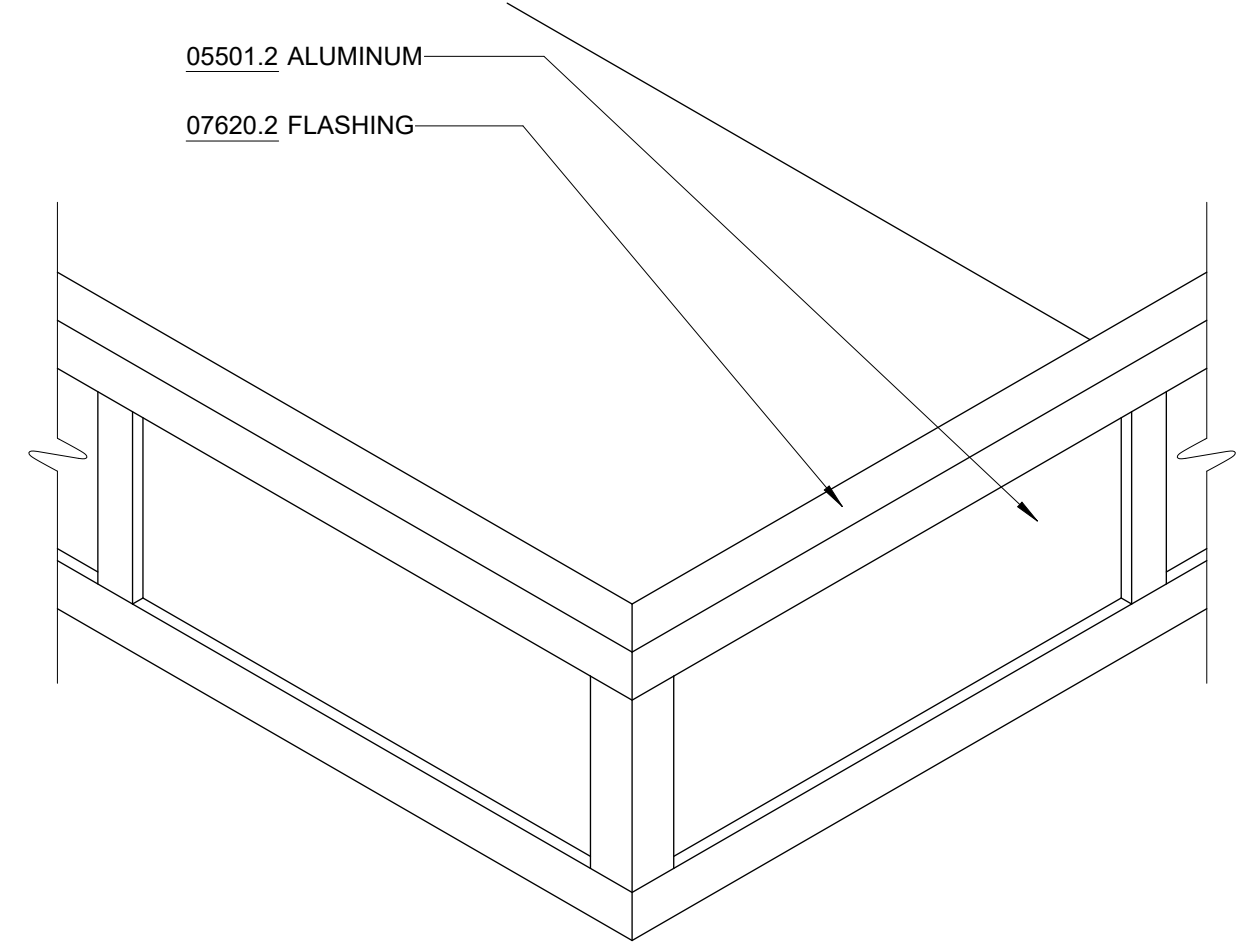
3 CANOPY ALUMINUM FASCIA DETAIL
A-552 SCALE: 3" = 1'-0"



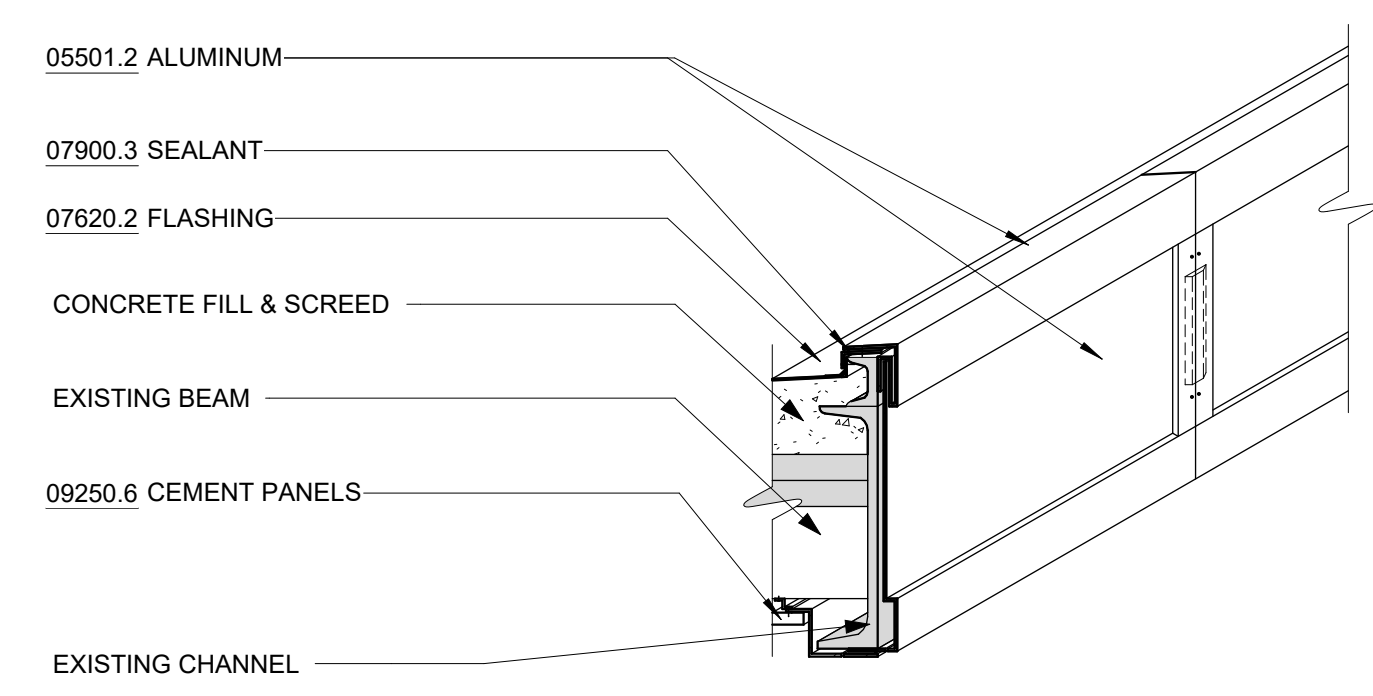
4 ELEVATION OF LEADER HEAD
A-552 SCALE: 1 1/2" = 1'-0"



5 CANOPY SOFFIT DETAIL
A-552 SCALE: NOT TO SCALE



6 CANOPY ALUM. FASCIA @ CORNER
A-552 SCALE: NOT TO SCALE



7 CANOPY ALUM. FASCIA @ JOINTS
A-552 SCALE: NOT TO SCALE

NOTES - DETAILS

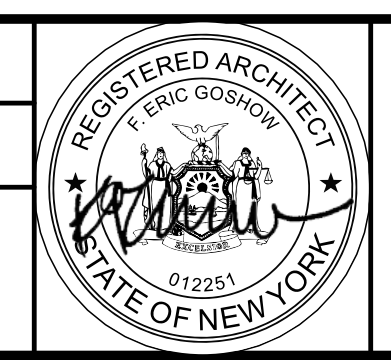
DIVISION 4	04120.1	BRICK MASONRY INFILL BEYOND	INFILL WALL WITH BRICK TO MATCH EXISTING
DIVISION 5	05400.1	3 5/8" MTL STUD	3 5/8" METAL STUD @ 16" O.C. TYP.
	05400.2	2 1/2" METAL STUD	2 1/2" METAL STUD @ 16" O.C. TYP.
	05501.2	ALUMINUM	CANOPY RECONSTRUCTION ZINC-ANNOIDIZED ALUMINUM
	05501.3	ATTIC ACCESS HATCH	COMMERCIAL-GRADE ALUMINUM FOLDING STAIRWAY WITH DROP-CEILING FRAME
DIVISION 7	07210.1	BATT INSULATION	FOIL-FACED RECYCLED GLASS FIBER BATTS FOR INSULATION AND VAPOR RETARDER
	07210.2	<varies>	2" RIGID XPS INSULATION, R-5 PER INCH MIN.
	07540.1	ROOFING	SINGLE-PLY THERMOPLASTIC (PVC) MEMBRANE ROOFING
	07620.2	FLASHING	STAINLESS STEEL SHEET FLASHING
	07621.1	STRAINER ROOF DRAIN	4-1/2" DIAMETER CAST IRON CANOPY DRAIN WITH STRAINER
	07621.2	DOWNSPOUT	CUSTOM ZINC-ANNOIDIZED ALUMINUM DOWNSPOUT, DESIGN TO MATCH ORIGINAL LEAD-COATED COPPER DOWNSPOUT
	07900.1	CAULKING	CONTINUOUS CAULKING WITH BACKER ROD
	07900.2	SEALANT	J TRIM W/ SEALANT, TYP.
	07900.3	SEALANT	
DIVISION 8	08361.1	OVERHEAD DOOR	INSULATED ALUMINUM SECTIONAL OVERHEAD DOOR WITH VISION LITES
	08411.1	ALUM. STOREFRONT	
	08521.1	ALUM. FRAMES	
	08800.1	GLAZING	1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING
DIVISION 9	09206.1	METAL FURRING	
	09206.2	METAL FURRING CHANNEL CLIP	
	09206.3	1 1/2" STEEL RUNNING CHANNEL	
	09206.4	GAT CLIP	4B1 5L CAT. #16.59 SM (OR OTHER APPROVED MEANS)
	09206.5	MAIN TEE	24" OC MAX. SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC)
	09206.6	<varies>	<varies>
	09250.1	5/8" GYP. BD	
	09250.2	J BEAD	GYP BD J CASING BEAD, TAPE AND SPACKLE
	09250.3	TRIM	
	09250.4	TRIM	1" X 1" CORNER TRIM W/ SEALANT BED
	09250.5	STEEL ROD	1/4" DIA. GALV. STEEL ROD, NOT TO EXCEED 4'-0" OC
	09250.6	CEMENT PANELS	3/4" EXTERIOR CEMENT BOARD SOFFIT PANELS
	09511.1	ACT CEILING	
	09511.2	CROSS TEE	1 1/2" HIGH, 2'-0" OC

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

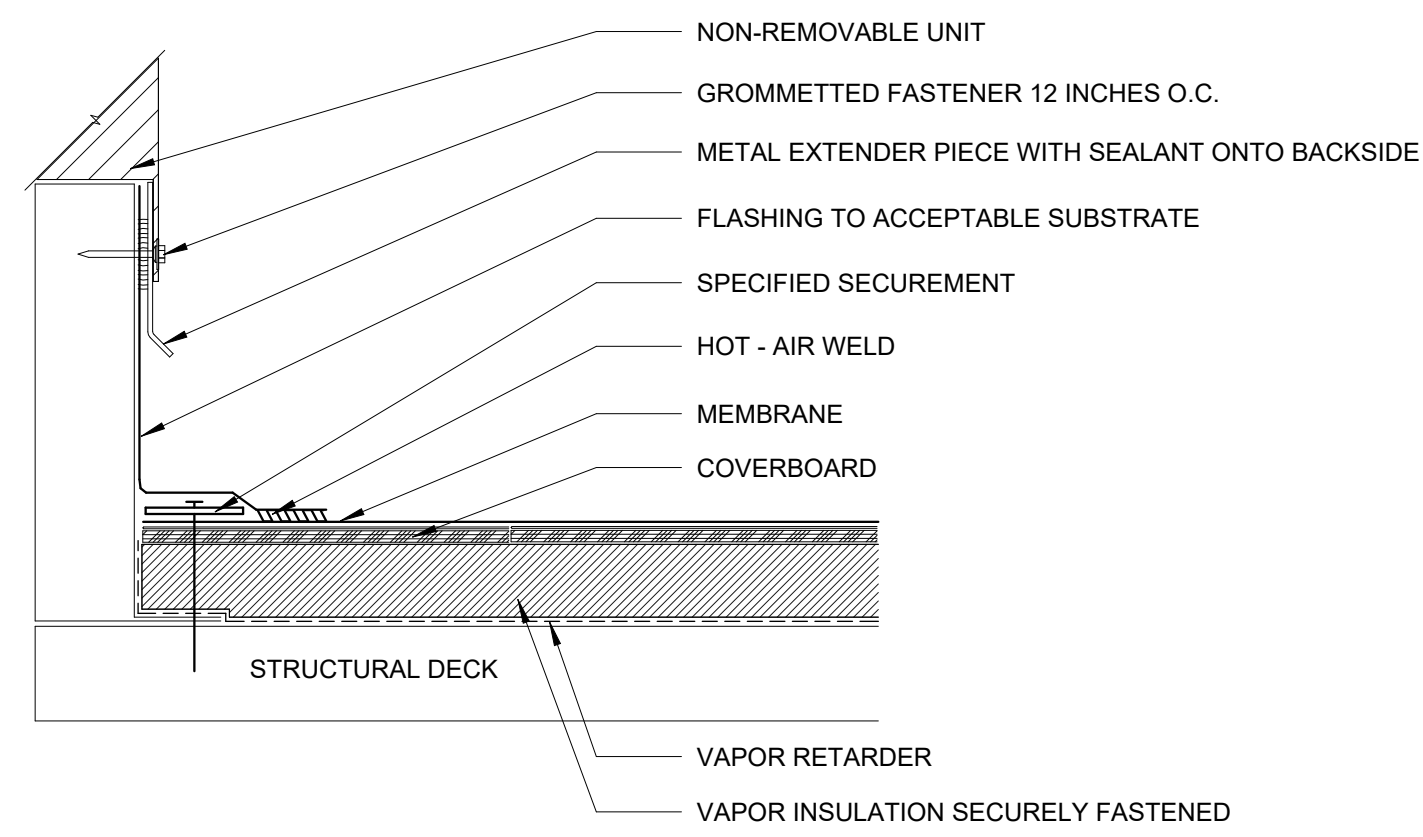
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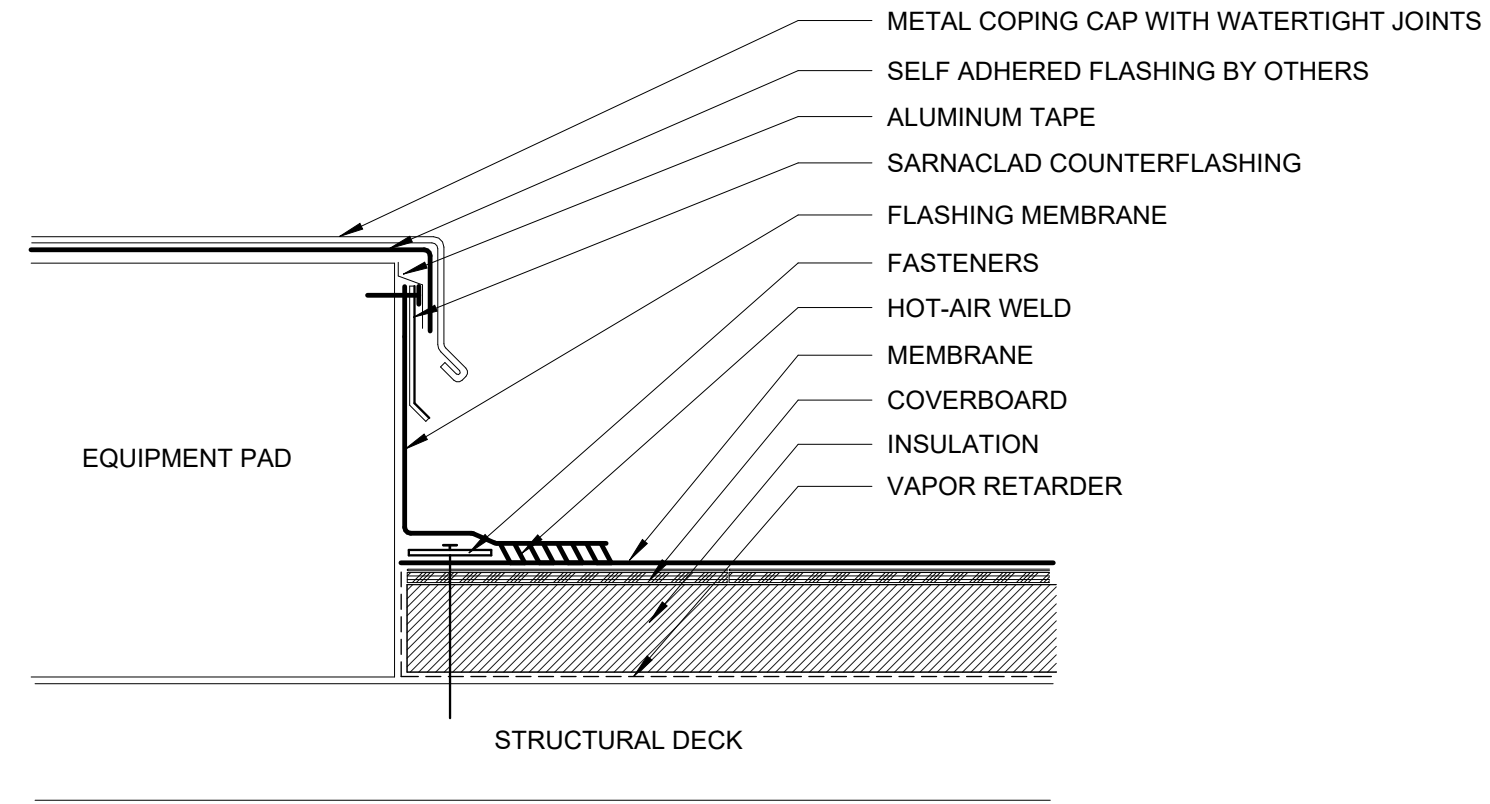
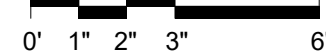
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624

ARCHITECTURAL CANOPY DETAILS

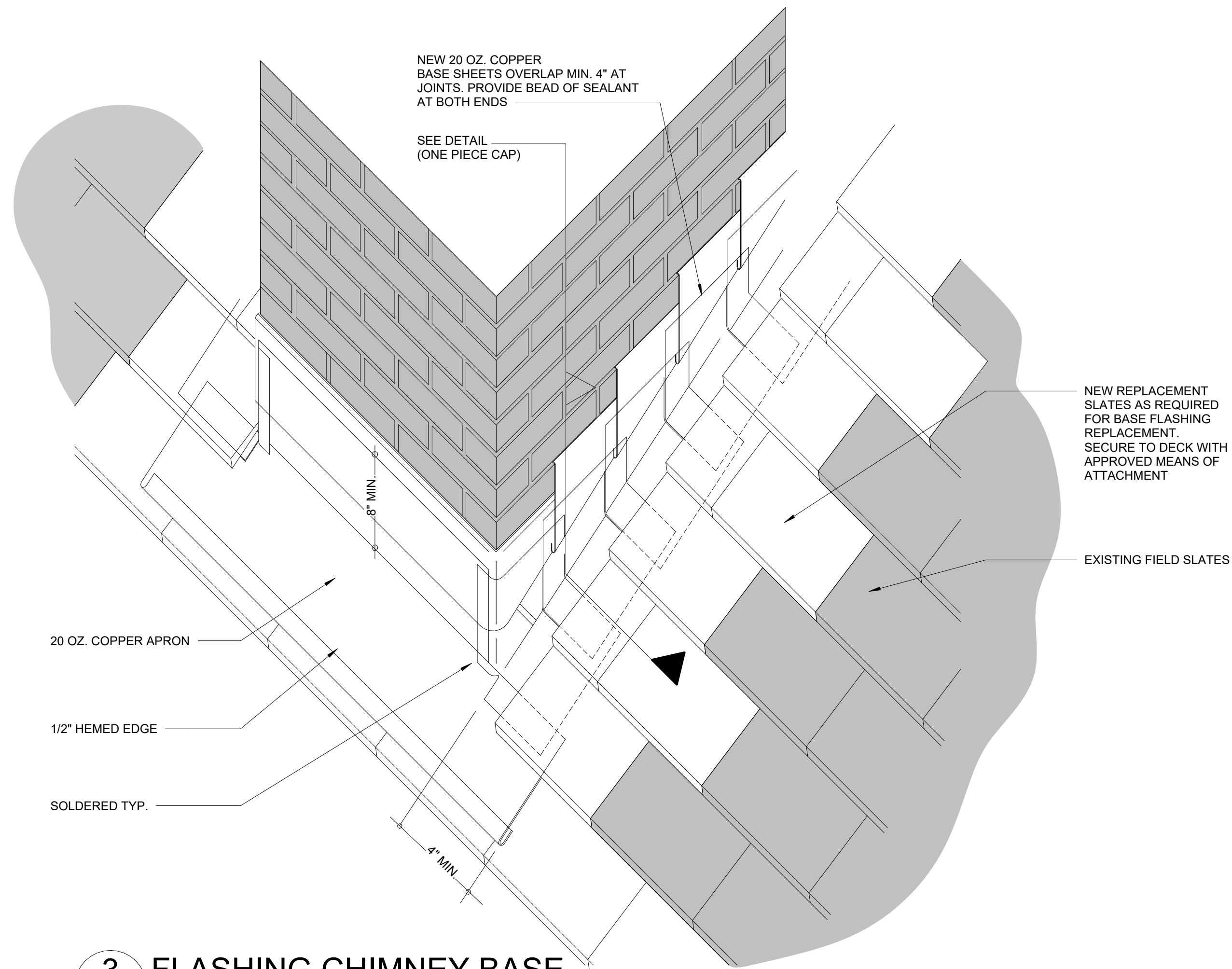
DATE: MAY 2023
SCALE:
SHEET NO: 100 OF No. 121
DRAWING NO. A-552



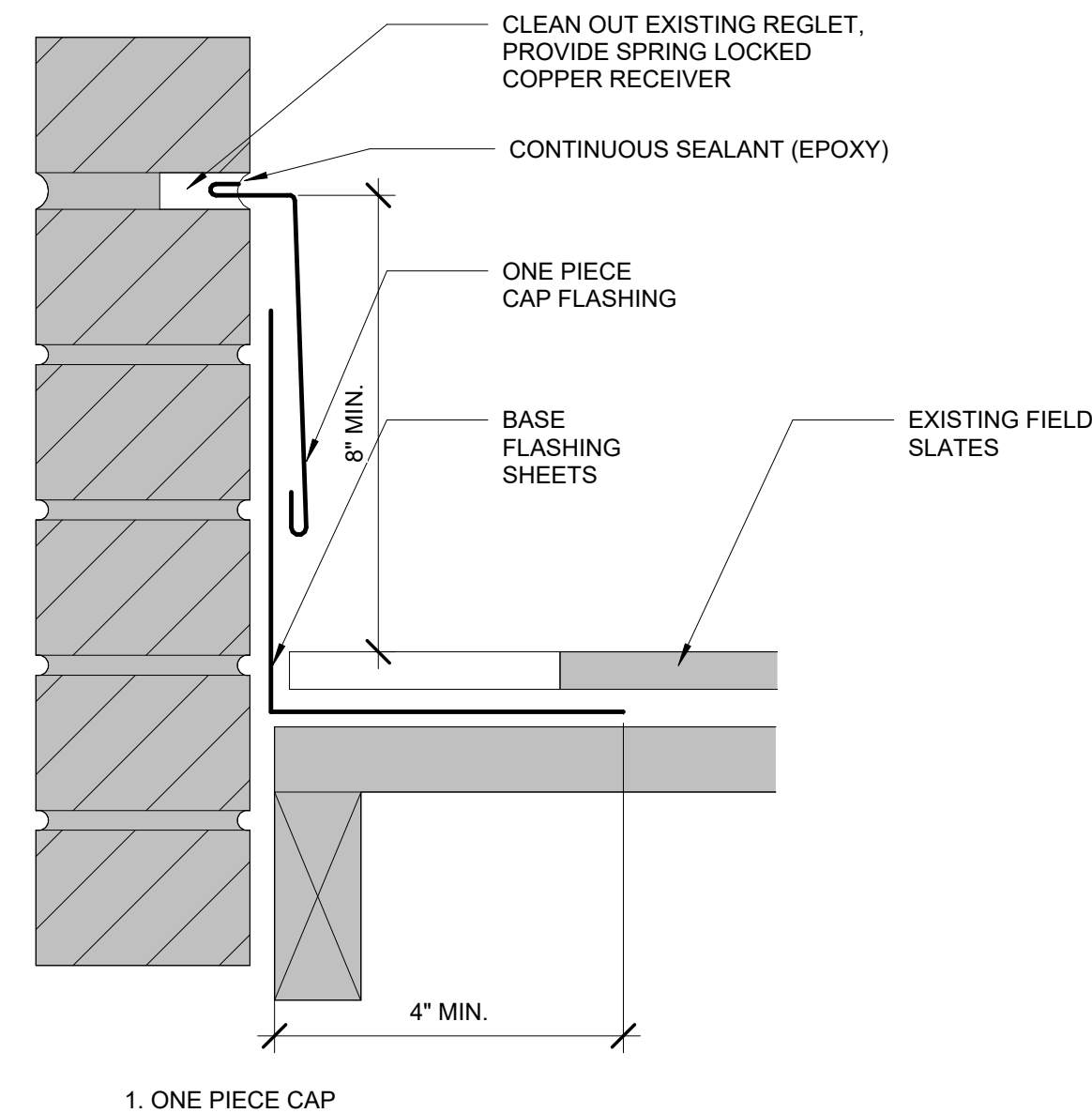
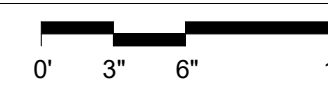
1 NON-REMOVABLE CURB FLASHING
A-561 SCALE: 3" = 1'-0"



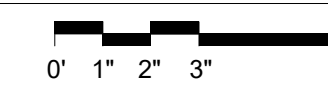
2 EQUIPMENT PADS
A-561 SCALE: 3" = 1'-0"



3 FLASHING CHIMNEY BASE
A-561 SCALE: 1 1/2" = 1'-0"



4 STEP FLASHING DETAIL
A-561 SCALE: 3" = 1'-0"



BID SET	GRAPHIC SCALES CHECK BEFORE USE
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CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.
Hazen	



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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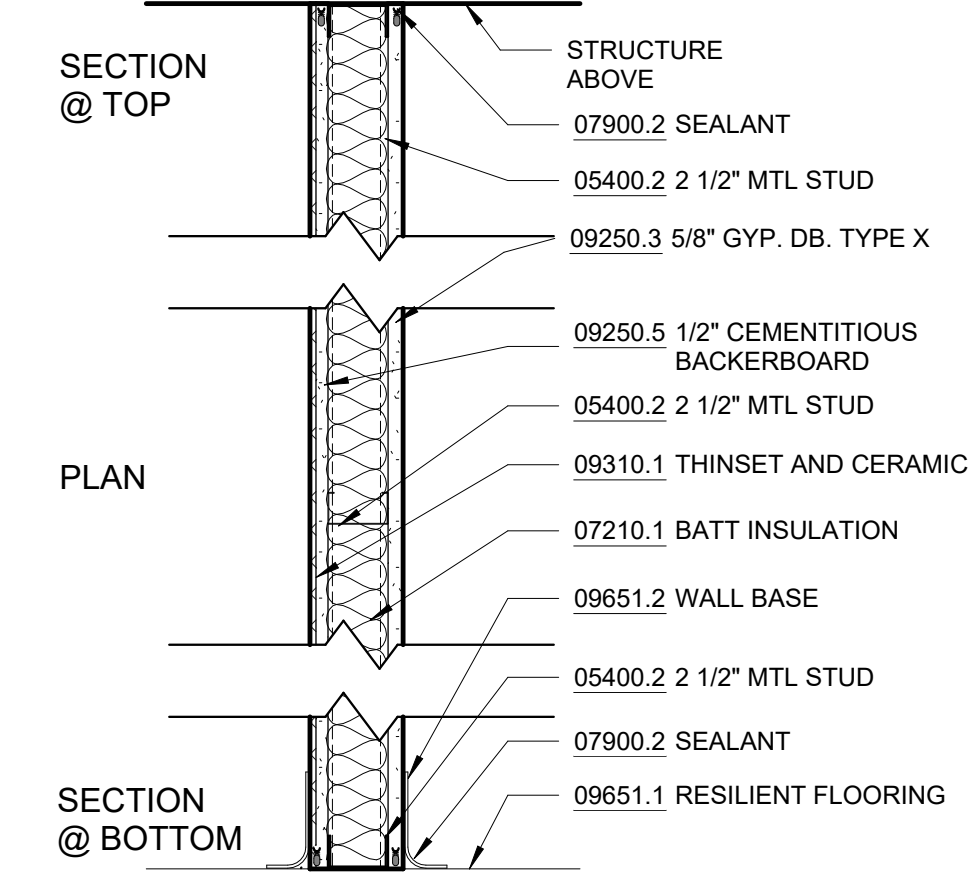
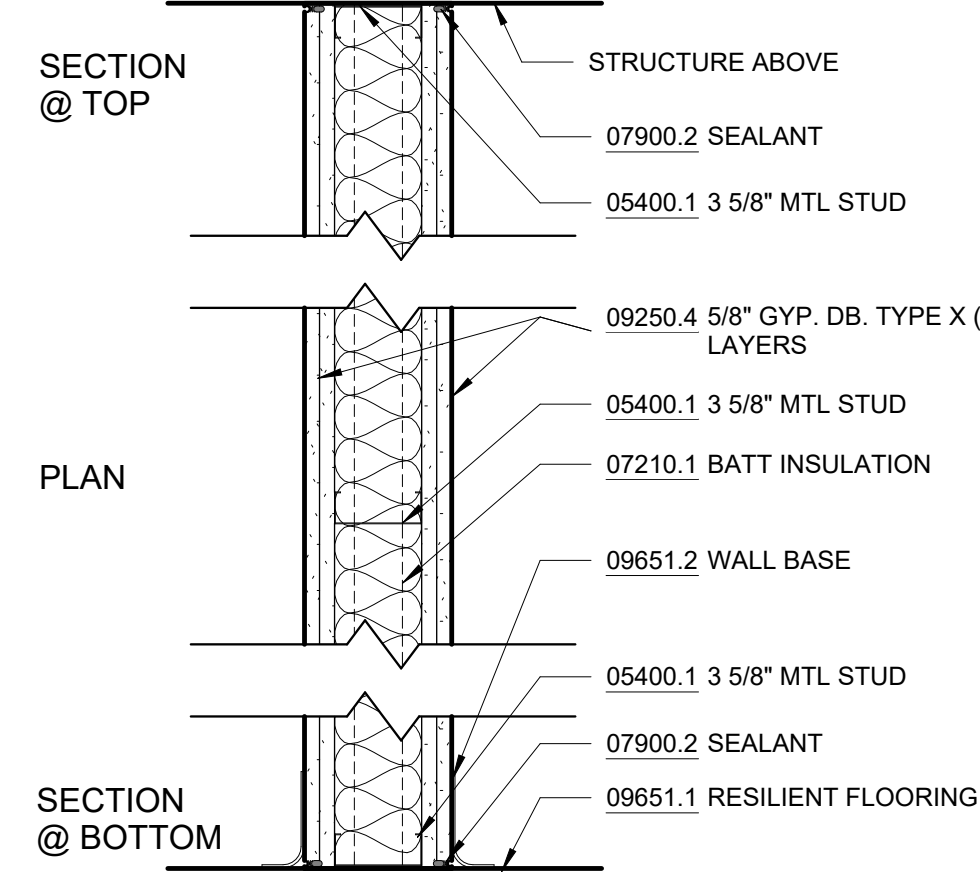
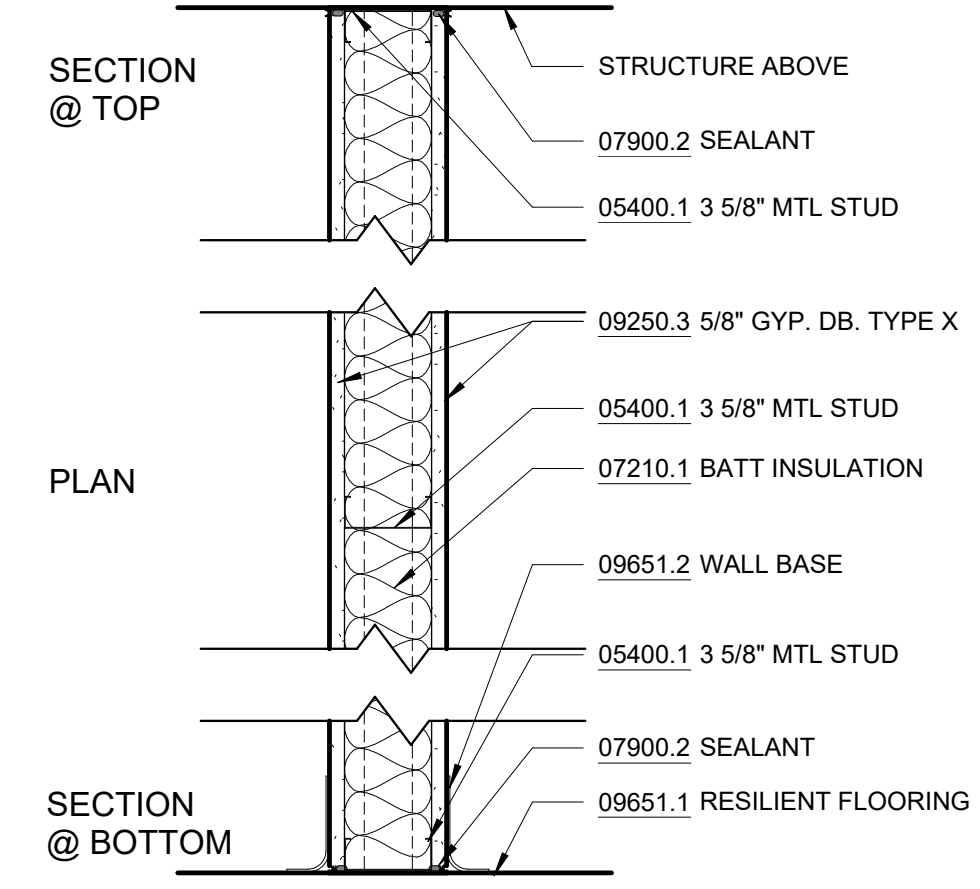
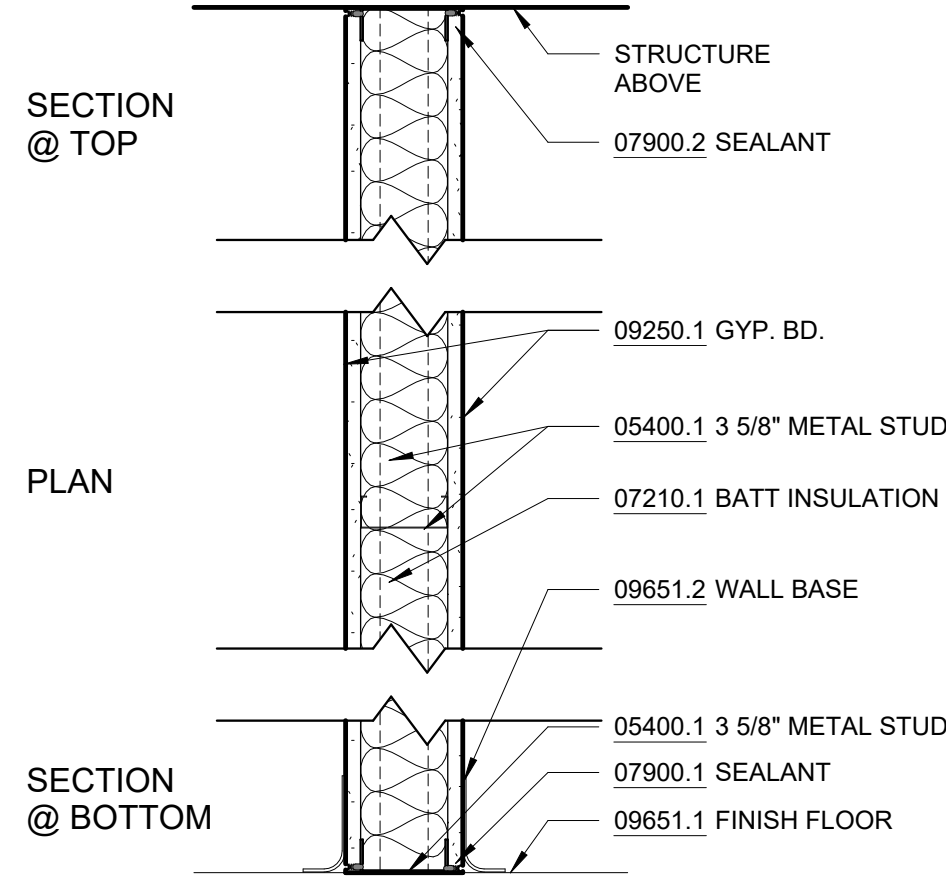
REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624

ARCHITECTURAL
ROOFING DETAILS

DATE: MAY 2023
SCALE:
SHEET NO: 101 OF No. 121
DRAWING NO. A-561

NOTES - DETAILS

DIVISION 4	04120.1	BRICK MASONRY INFILL BEYOND	INFILL WALL WITH BRICK TO MATCH EXISTING
DIVISION 5	05400.1	3 5/8" MTL STUD	3 5/8" METAL STUD @ 16" O.C. TYP.
05400.2	2 1/2" METAL STUD	2 1/2" METAL STUD @ 16" O.C. TYP.	
05501.2	ALUMINUM	CANOPY RECONSTRUCTION ZINC-ANNOIDIZED ALUMINUM	
05501.3	ATTIC ACCESS HATCH	COMMERCIAL-GRADE ALUMINUM FOLDING STAIRWAY WITH DROP-CEILING FRAME	
DIVISION 7	07210.1	BATT INSULATION	FOIL-FACED RECYCLED GLASS FIBER BATTS FOR INSULATION AND VAPOR RETARDER
07210.2	<varies>	ROOFING	2" RIGID XPS INSULATION, R-5 PER INCH MIN. SINGLE-PLY THERMOPLASTIC (PVC) MEMBRANE ROOFING
07540.1			
07620.2	FLASHING	STAINLESS STEEL SHEET FLASHING	
07621.1	STRAINER ROOF DRAIN	4-1/2" DIAMETER CAST IRON CANOPY DRAIN WITH STRAINER	
07621.2	DOWNSPOUT	CUSTOM ZINC-ANNOIDIZED ALUMINUM DOWNSPOUT, DESIGN TO MATCH ORIGINAL LEAD-COATED COPPER DOWNSPOUT	
07900.1	CAULKING	CONTINUOUS CAULKING WITH BACKER ROD	
07900.2	SEALANT	J TRIM W/ SEALANT, TYP.	
07900.3	SEALANT		
DIVISION 8	08361.1	OVERHEAD DOOR	INSULATED ALUMINUM SECTIONAL OVERHEAD DOOR WITH VISION LITES
08411.1	ALUM. STOREFRONT		
08521.1	ALUM. FRAMES		
08800.1	GLAZING		1" INSULATED GLASS UNIT WITH BIRD PROTECTION UV STRIPE COATING
DIVISION 9	09206.1	METAL FURRING	
09206.2	METAL FURRING CHANNEL CLIP		
09206.3	1 1/2" STEEL RUNNING CHANNEL		
09206.4	GAT CLIP		4B1.5L CAT. #16.59.SM (OR OTHER APPROVED MEANS)
09206.5	MAIN TEE		24" OC MAX. SHAPE AND DESIGN AS APPROVED (THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES SPACED 2'-0" OR 4'-0" OC)
09206.6	<varies>		<varies>
09250.1	5/8" GYP. BD		
09250.2	J BEAD		GYP BD J CASING BEAD, TAPE AND SPACKLE
09250.3	TRIM		
09250.4	TRIM		1" X 1" CORNER TRIM W/ SEALANT BED
09250.5	STEEL ROD		1/4" DIA. GALV. STEEL ROD, NOT TO EXCEED 4'-0" OC
09250.6	CEMENT PANELS		3/4" EXTERIOR CEMENT BOARD SOFFIT PANELS
09511.1	ACT CEILING		
09511.2	CROSS TEE		1 1/2" HIGH, 2'-0" OC

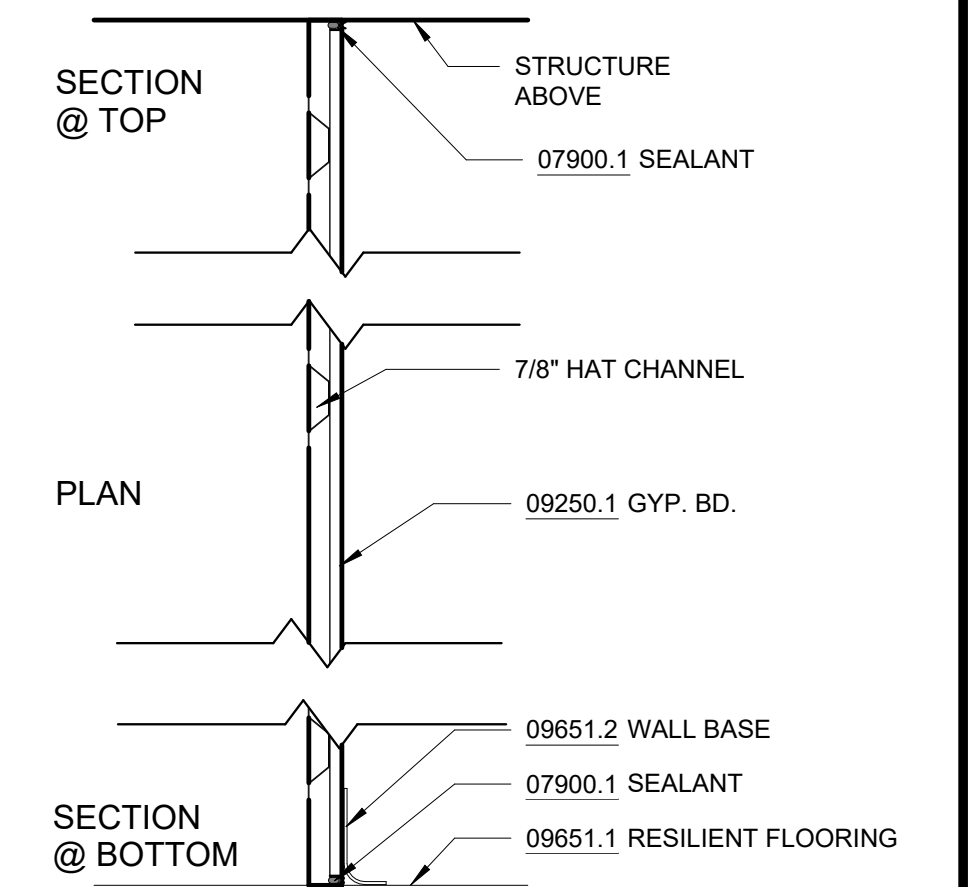
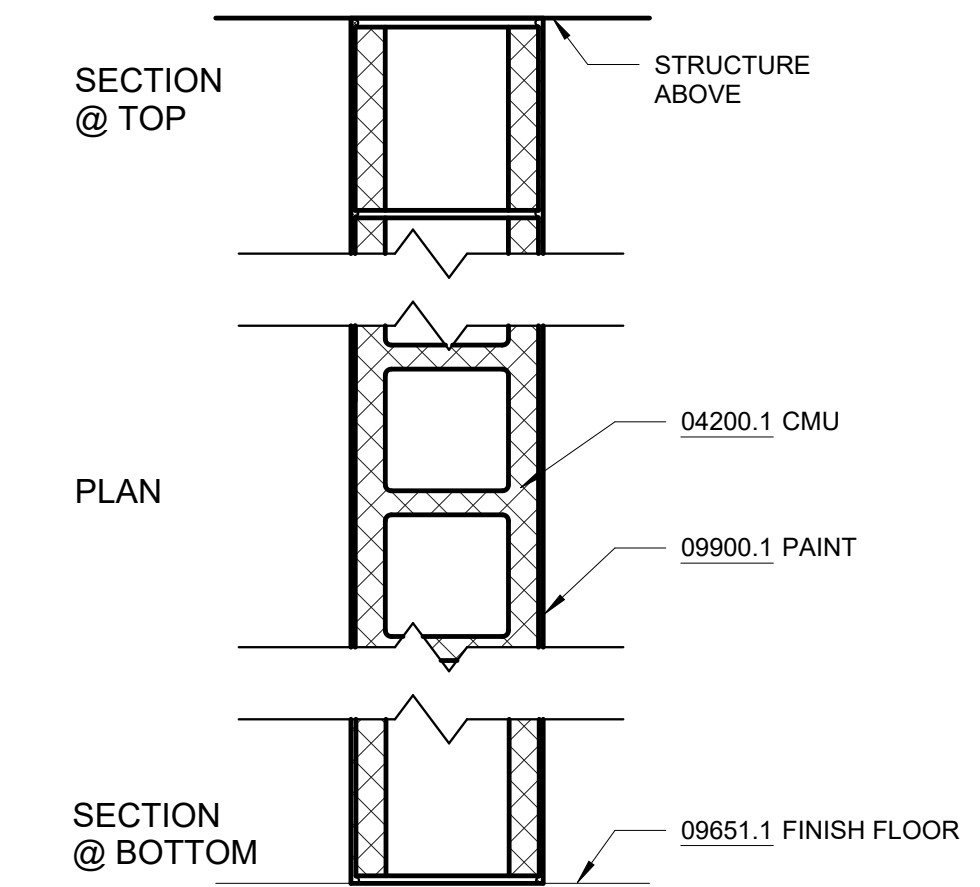
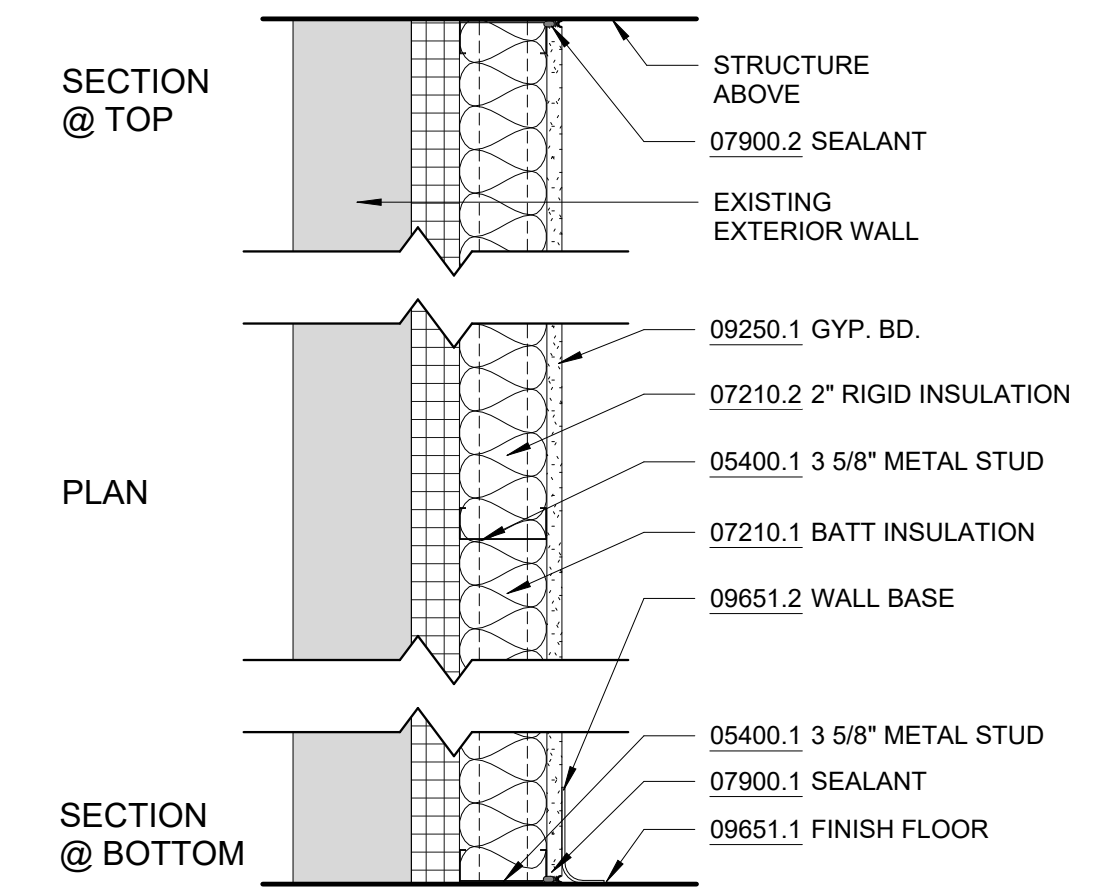
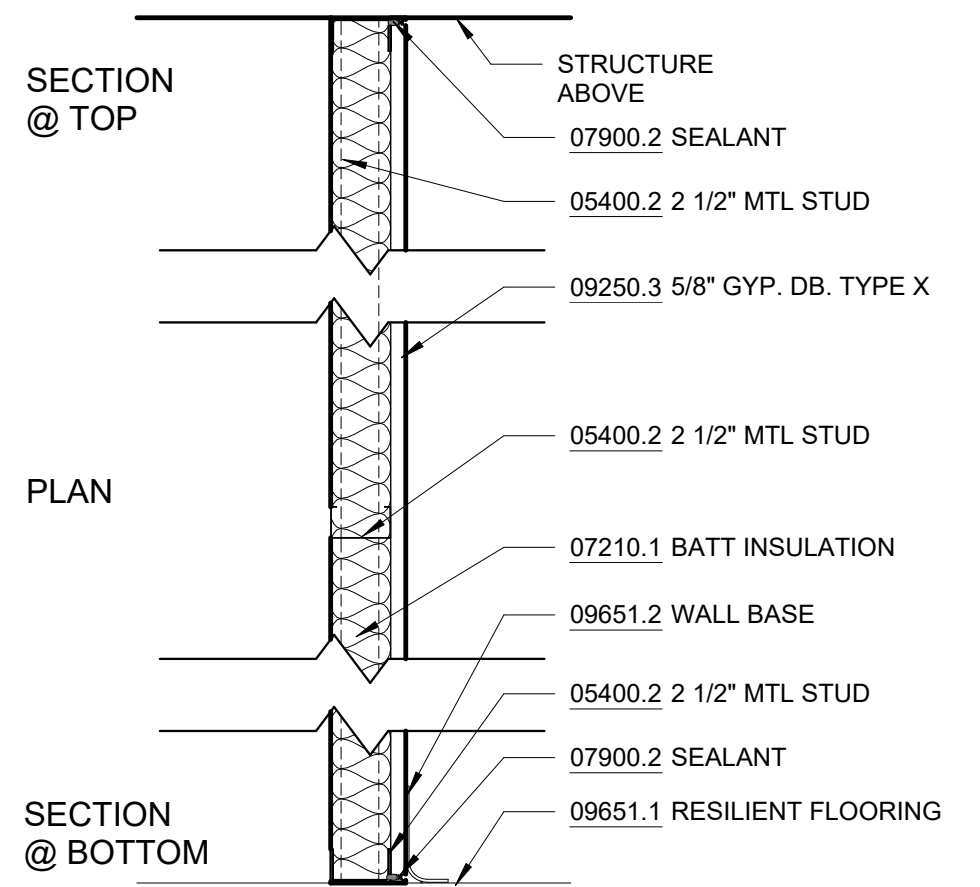
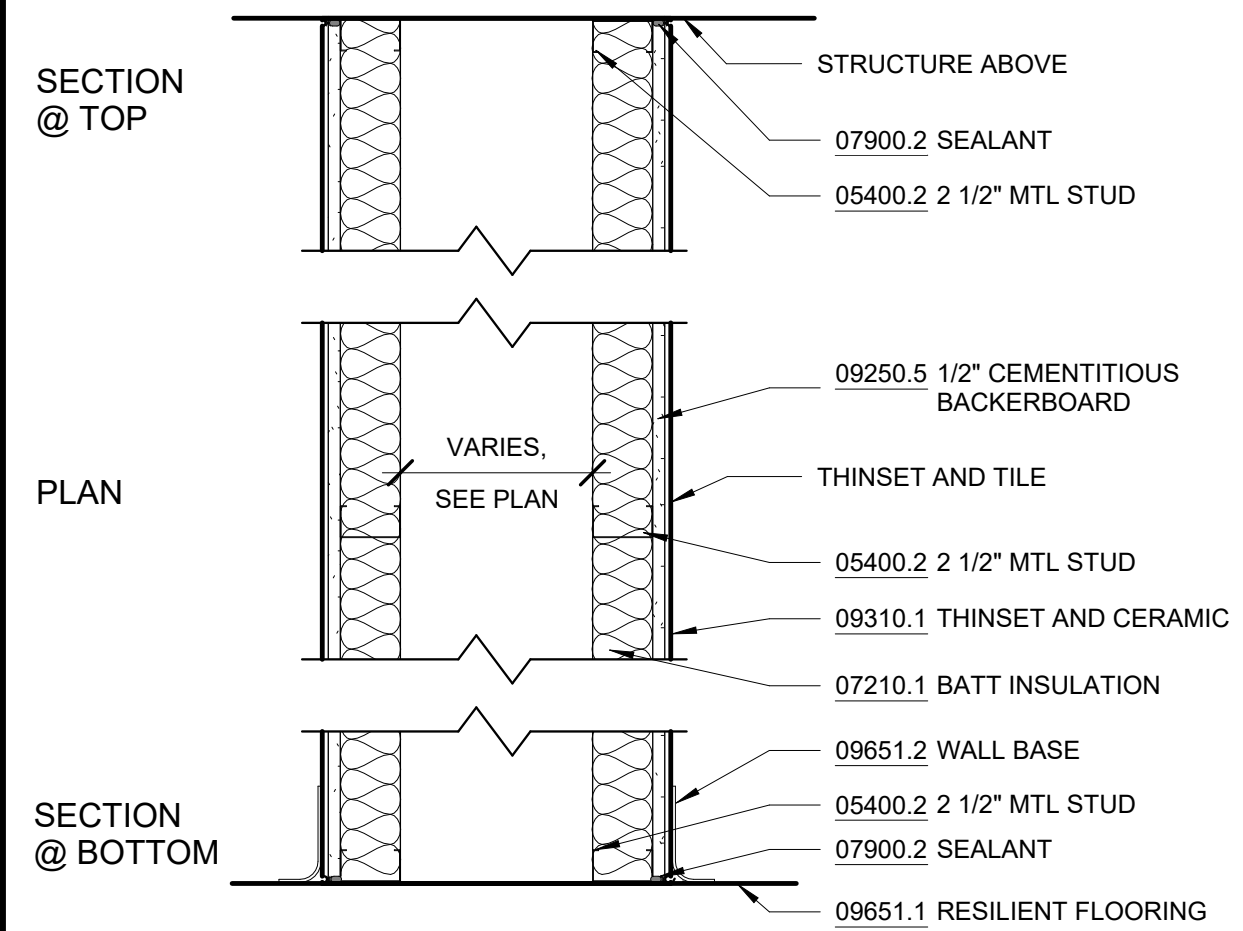


- 1 3 5/8" MTL STUD NON-RATED
SCALE: 1 1/2" = 1'-0"
- 1A 3 5/8" MTL STUD NON-RATED: PAINT/TILE
INSTALL 1/2" CEMENTITIOUS BACKBOARD AND TILE IN LIEU OF GYPSUM ON WET SIDE OF PARTITION
- 1B 3 5/8" MTL STUD NON-RATED: TILE/TILE
INSTALL 1/2" CEMENTITIOUS BACKBOARD AND TILE IN LIEU OF GYPSUM ON BOTH SIDES OF PARTITION

- 2 3 5/8" MTL STUD 1 HR
SCALE: 1 1/2" = 1'-0" UL # U419
- 2A 3 5/8" MTL STUD 1 HR: PAINT/TILE
INSTALL 1/2" CEMENTITIOUS BACKBOARD AND TILE IN LIEU OF GYPSUM ON WET SIDE OF PARTITION UL # U419

- 3 3 5/8" MTL STUD 2 HR
SCALE: 1 1/2" = 1'-0" UL # U419

- 4 2 1/2" MTL STUD NON-RATED: PAINT/TILE
SCALE: 1 1/2" = 1'-0"



- 5 2 1/2" MTL STUD CHASE
SCALE: 1 1/2" = 1'-0"

- 6 2 1/2" MTL STUD FURRING
SCALE: 1 1/2" = 1'-0"
- 6A 2 1/2" MTL STUD FURRING: TILE
INSTALL 1/2" CEMENTITIOUS BACKBOARD AND TILE IN LIEU OF GYPSUM ON WET SIDE OF PARTITION

- 7 3 5/8" MTL STUD FURRING AT EXT WALL
SCALE: 1 1/2" = 1'-0"
- 7A 3 5/8" MTL STUD FURRING AT EXT WALL: TILE
INSTALL 1/2" CEMENTITIOUS BACKBOARD AND TILE IN LIEU OF GYPSUM ON WET SIDE OF PARTITION

- 8 8" CMU AT STAIR 1 HR
SCALE: 1 1/2" = 1'-0" UL # U905

- 9 7/8" HAT CHANNEL
SCALE: 1 1/2" = 1'-0"

BID SET	GRAPHIC SCALES CHECK BEFORE USE
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DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624

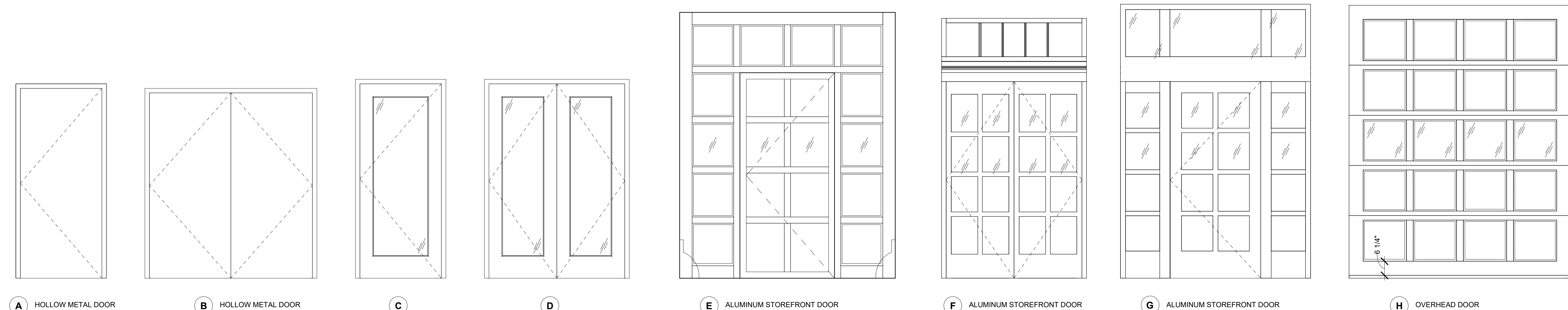
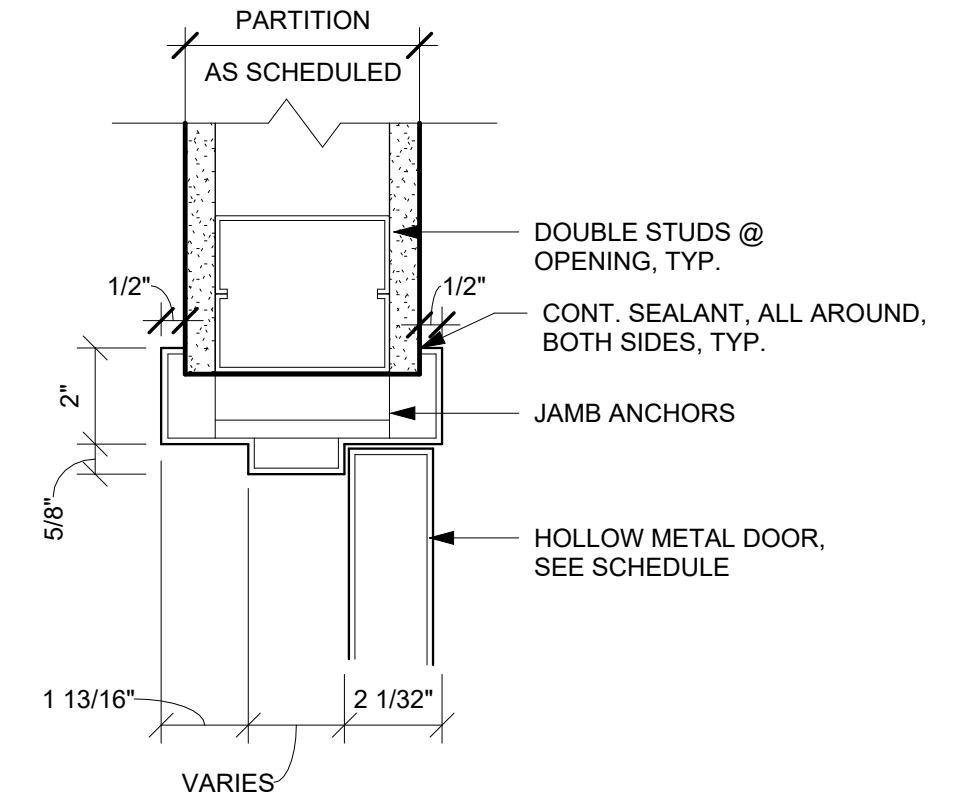
ARCHITECTURAL PARTITION TYPES

DATE: MAY 2023
SCALE:
SHEET NO: 102 OF No. 121
DRAWING NO. A-601

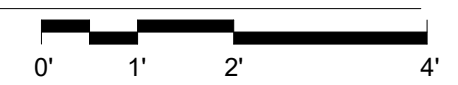
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All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.

DOOR SCHEDULE																	
DOOR NUMBER	ROOM NUMBER	ROOM NAME	TYPE	DOOR					FRAME			FIRE RATING	HARDWARE SET	DETAIL			COMMENTS
				TYPE	WIDTH	HEIGHT	FINISH	GLAZING TYPE	TYPE	MATERIAL	FINISH			HEAD	JAMB	THRESHOLD	
100B	100	VESTIBULE	C	ALUM/ GLASS	3' - 0"	7' - 4"	CLEAR	1" INSULATED	WELD	STL	PAINT	1 HR		2/ A1-127	2/ A1-127		
102	102	CONFERENCE ROOM	C	ALUM/ GLASS	3' - 0"	7' - 4"	CLEAR	1" INSULATED	WELD	STL	PAINT	-		2/ A1-127	2/ A1-127		
103A	103	C12 MAINTENANCE AREA	A	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
103B	103	C12 MAINTENANCE AREA	F	ALUM/ GLASS	5' - 0"	6' - 8"	CLEAR	1" INSULATED	-	ALUM	CLEAR	-		2/ A1-127	2/ A1-127		
105	105	TOS OFFICE	C	ALUM/ GLASS	3' - 0"	7' - 4"	CLEAR	1" INSULATED	WELD	STL	PAINT	-		2/ A1-127	2/ A1-127		
106A	1C02	CORRIDOR	D	ALUM/ GLASS	5' - 0"	7' - 4"	CLEAR	1" INSULATED	-	ALUM	CLEAR	-					
107	107	WOMEN'S RESTROOM/LOCKERS	A	HM	3' - 0"	7' - 4"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
108	108	CL	B	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
109	109	MEN'S RESTROOM/LOCKERS	A	HM	3' - 0"	7' - 4"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
110A	110	TOS WORK AREA	A	HM	3' - 0"	7' - 4"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
110C	110	TOS WORK AREA	H	ALUM/ GLASS	0' - 0"	0' - 0"	CLEAR	1" INSULATED	-	ALUM	CLEAR	-					SEE OVERHEAD DOOR DETAILS ON A-612
111	111	ELEC CLOSET	A	HM	3' - 0"	7' - 4"	PAINT		WELD	STL	PAINT	1 HR		2/ A-611	2/ A-611		
200	200	STAIR	A	HM	3' - 0"	7' - 4"	PAINT		WELD	STL	PAINT	1 HR		2/ A-611	2/ A-611		
201	201	CHIEF OFFICE	A	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
202	202	JAN CLOSET	A	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
203	2C01	CORRIDOR	A	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
204	204	ELEC CLOSET	A	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	1 HR		2/ A-611	2/ A-611		
205	205	CONFERENCE ROOM	A	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
207	207	L3 OFFICE	A	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
208	208	L2 OFFICE	A	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
209	209	ADMIN SUPPORT OFFICE	A	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
210	210	DEPUTY DIRECTOR OFFICE	A	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
211	108	CL	B	HM	3' - 0"	6' - 8"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
B02			A	HM	3' - 0"	7' - 0"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
B03			A	HM	3' - 0"	7' - 0"	PAINT		WELD	STL	PAINT	-		2/ A-611	2/ A-611		
SF01	100	VESTIBULE	G	ALUM/ GLASS	3' - 4"	7' - 0"	CLEAR	1" INSULATED	-	ALUM	CLEAR	-					SEE STOREFRONT DETAILS
SF02	1C02	CORRIDOR	G	ALUM/ GLASS	3' - 4"	7' - 0"	CLEAR	1" INSULATED	-	ALUM	CLEAR	-					SEE STOREFRONT DETAILS
SF04	110	TOS WORK AREA	E	ALUM/ GLASS	3' - 4 1/32"		CLEAR	1" INSULATED	-	ALUM	CLEAR	-					SEE STOREFRONT DETAILS



3 DOOR TYPES
SCALE: 1/2" = 1'-0"



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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

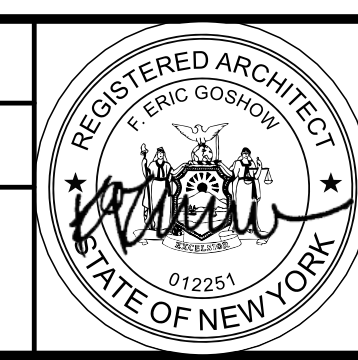
DESIGNED BY:
E. CLAASSEN

CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

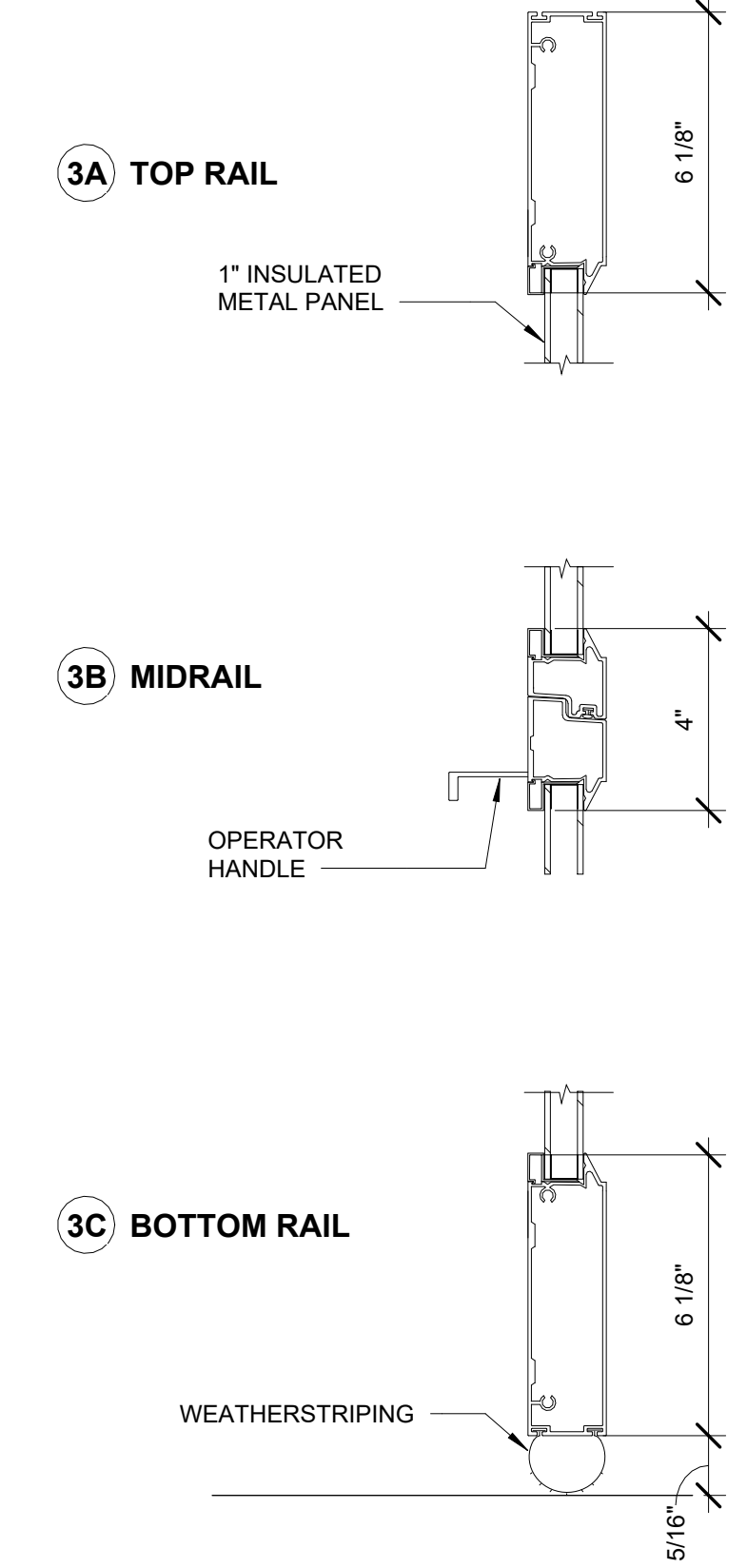
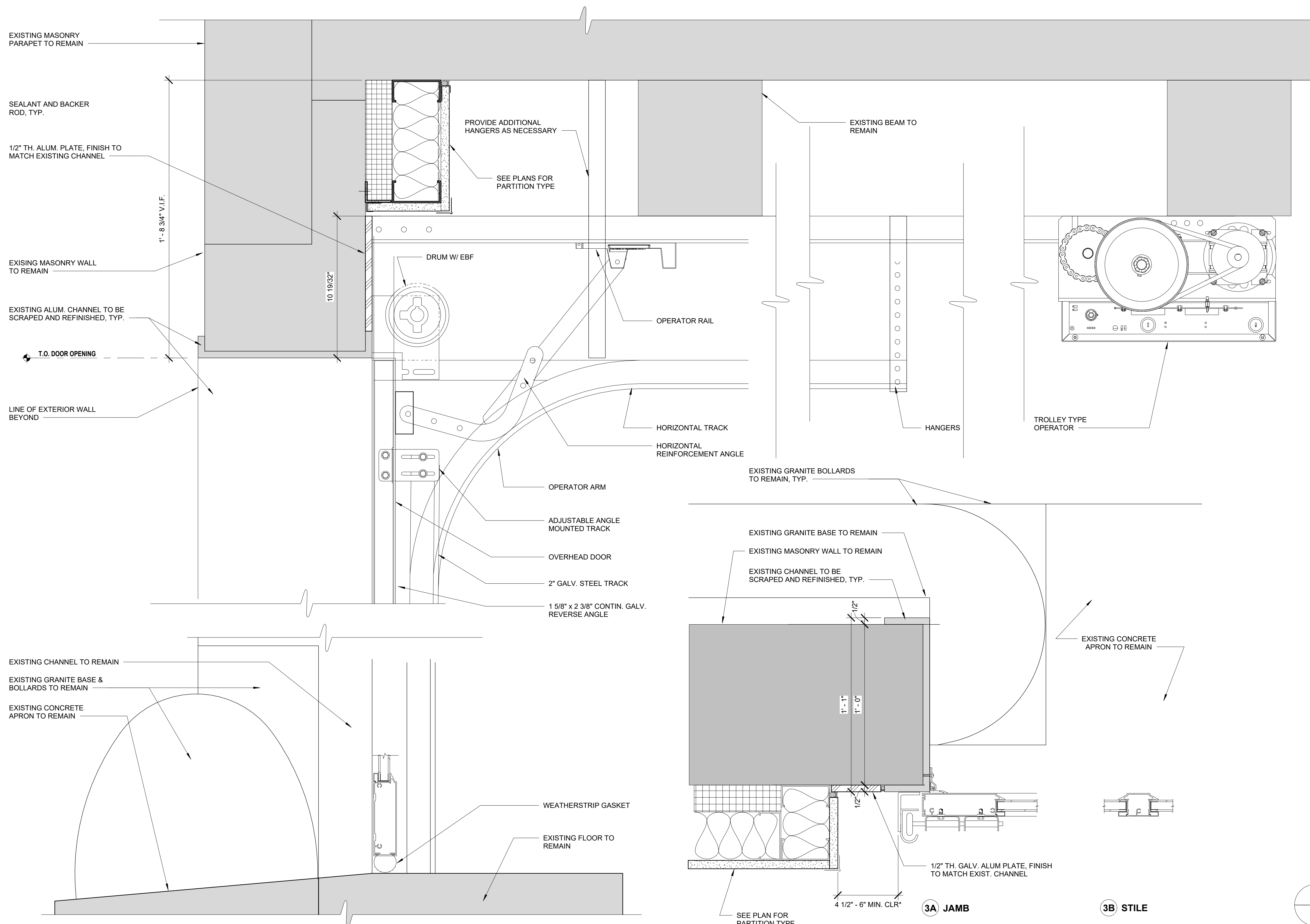
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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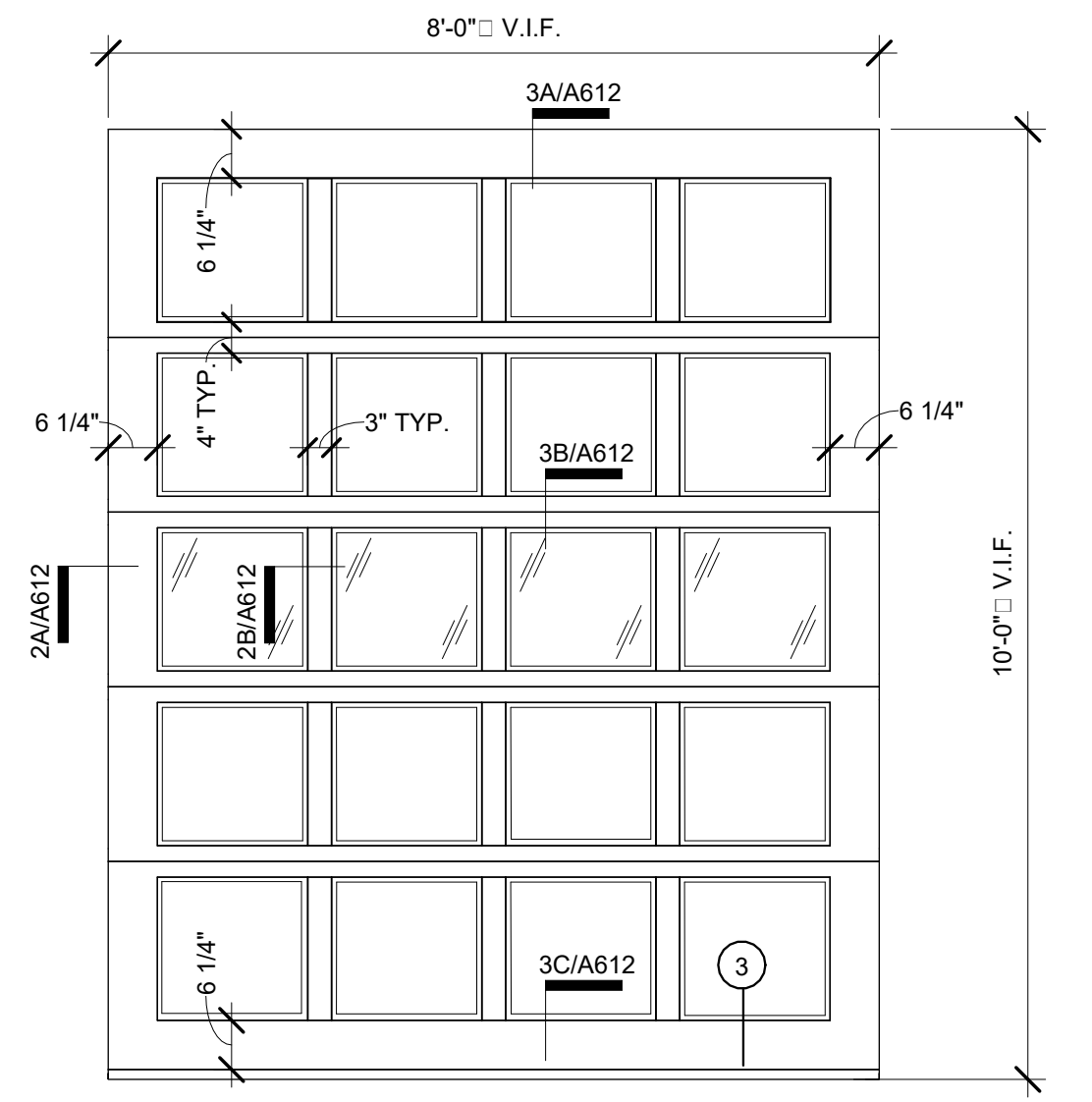
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 103 OF No. 121 DRAWING NO. A-611
ARCHITECTURAL DOOR SCHEDULE AND DETAILS	

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3 OVERHEAD DOOR DETAILS
 A-612 SCALE: 3" = 1'-0"



OVERHEAD DOOR ELEVATION
 SCALE: 1/2" = 1'-0"

1 OVERHEAD DOOR LIFT TRACK
 A-612 SCALE: 3" = 1'-0"

2 TYP. DETAIL - OVERHEAD DOOR JAMB
 A-612 SCALE: 3" = 1'-0"

3A JAMB

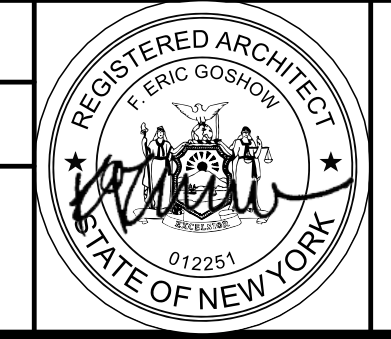
3B STILE

*AS PER OVERHEAD DOOR MANUFACTURER'S RECOMMENDATIONS

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 5/5/2023 10:28:32 AM

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: E. CLAASSEN	DRAWN BY: S. KINARD
CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.

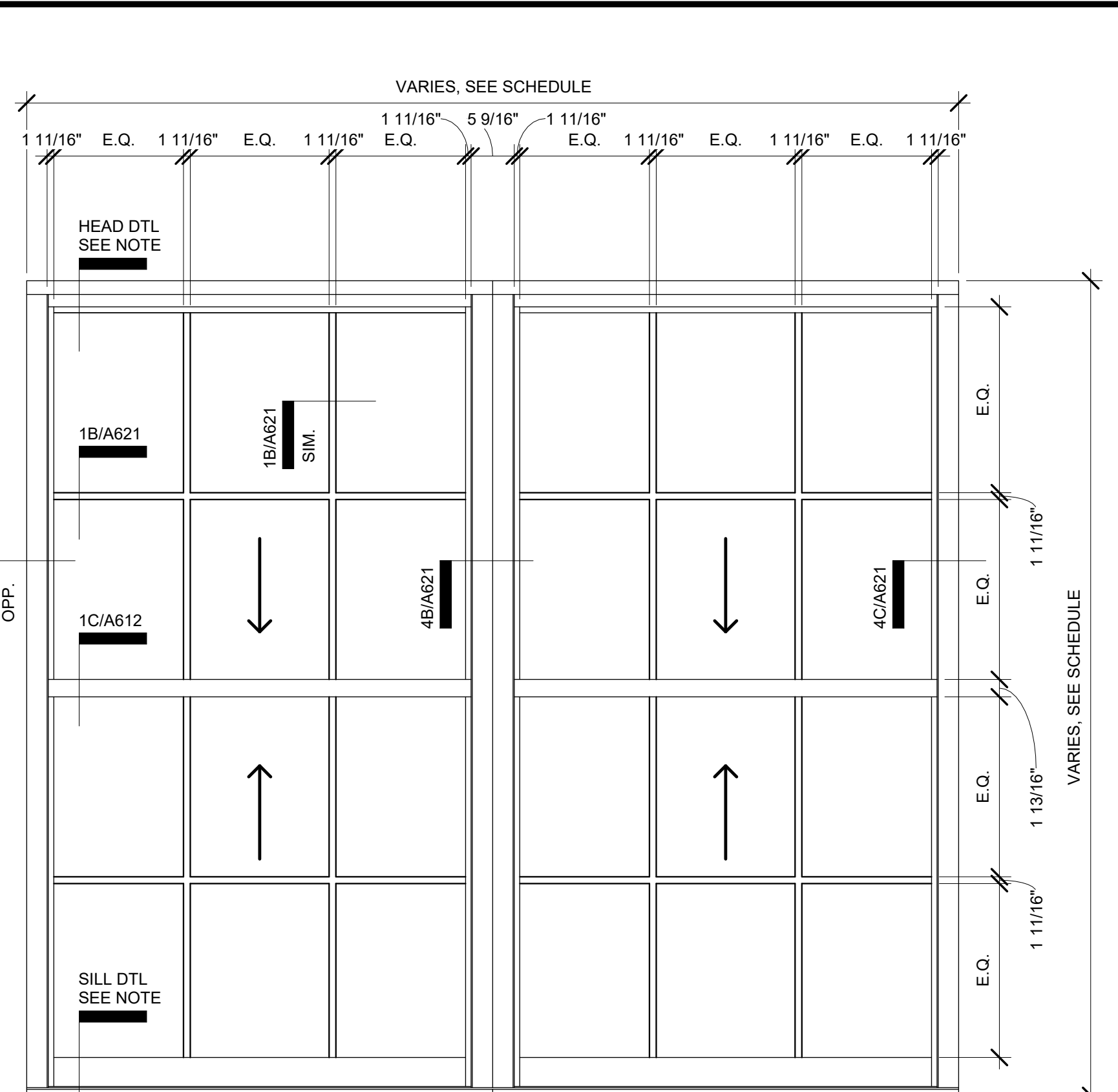
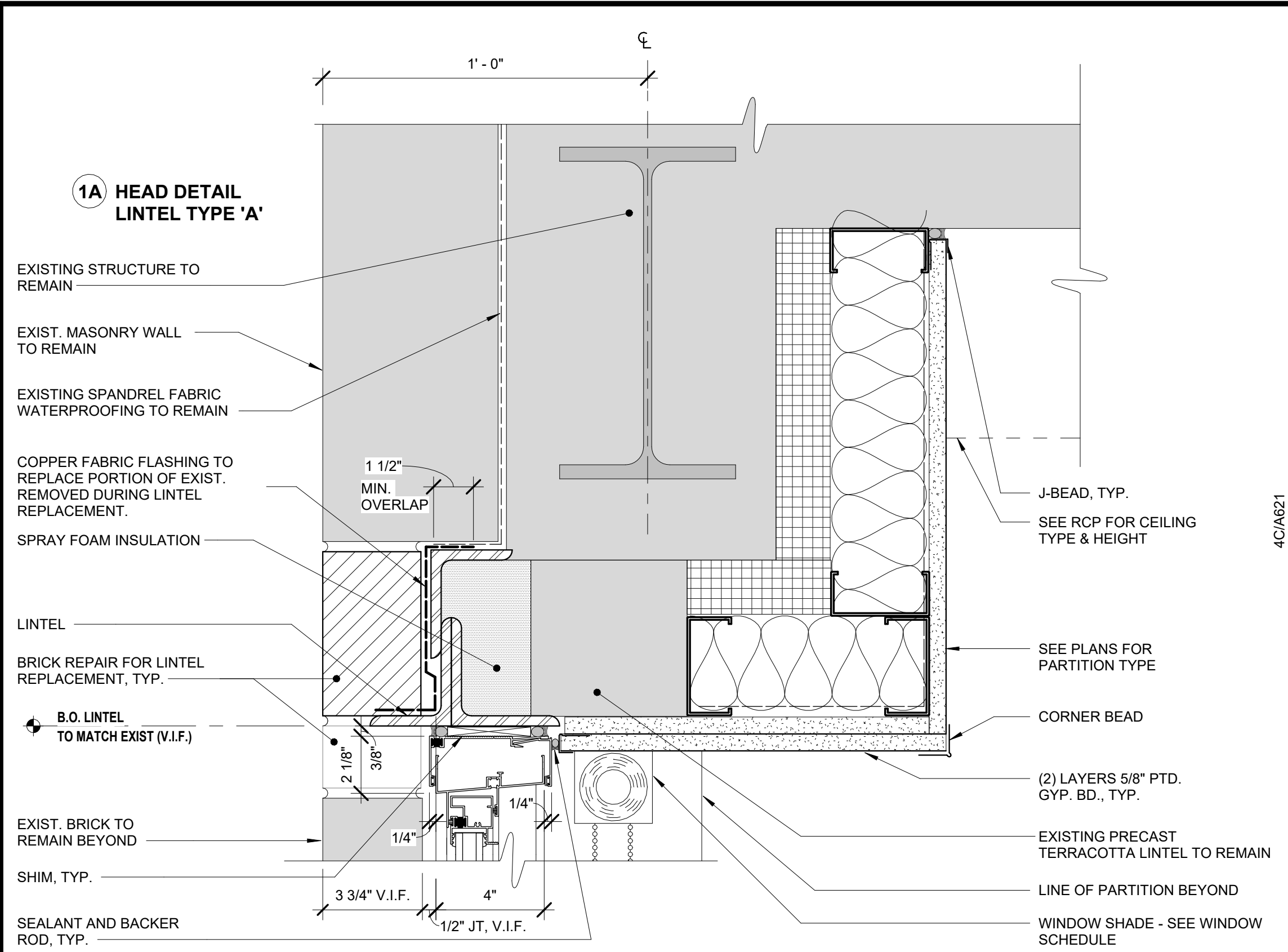


ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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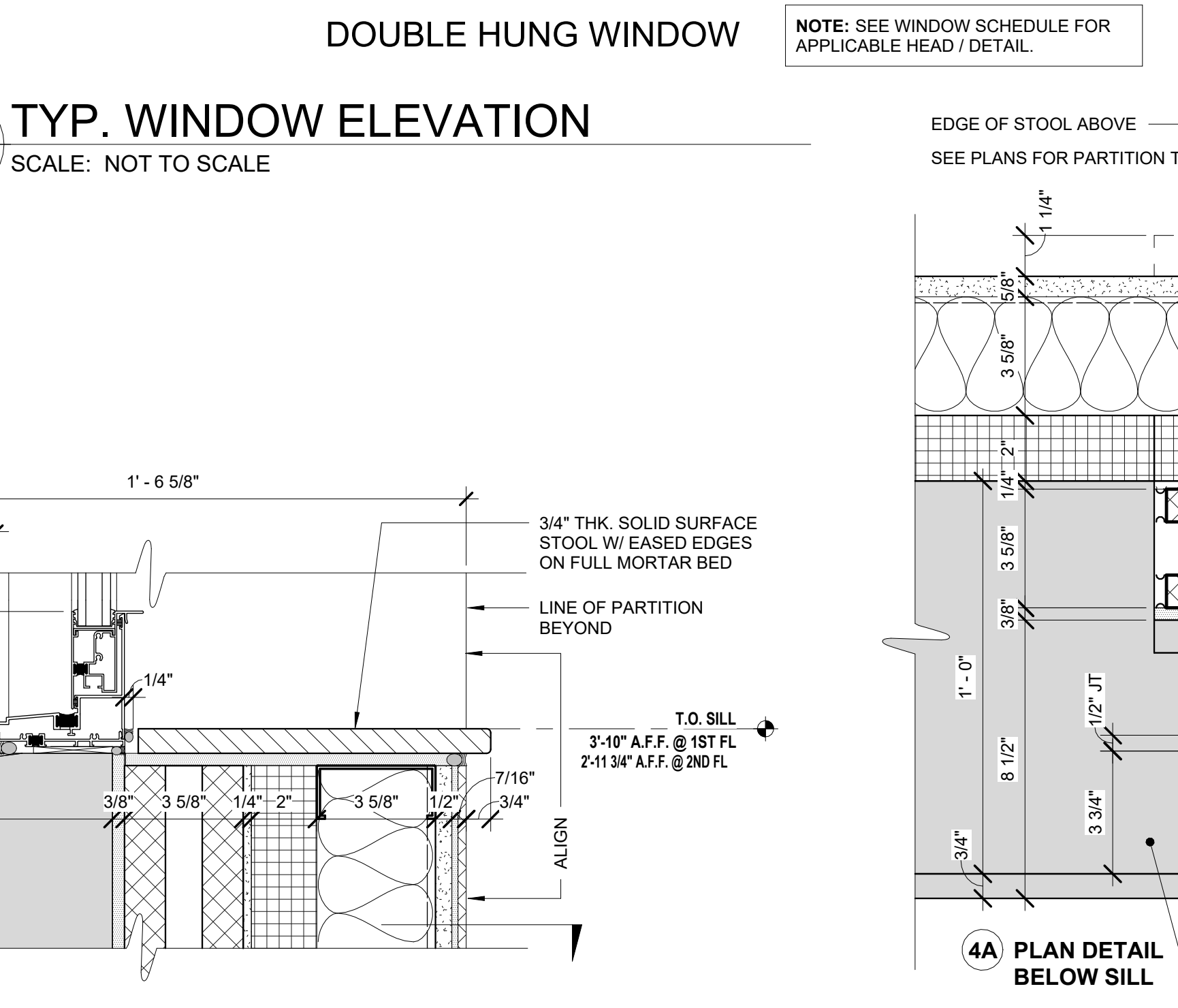
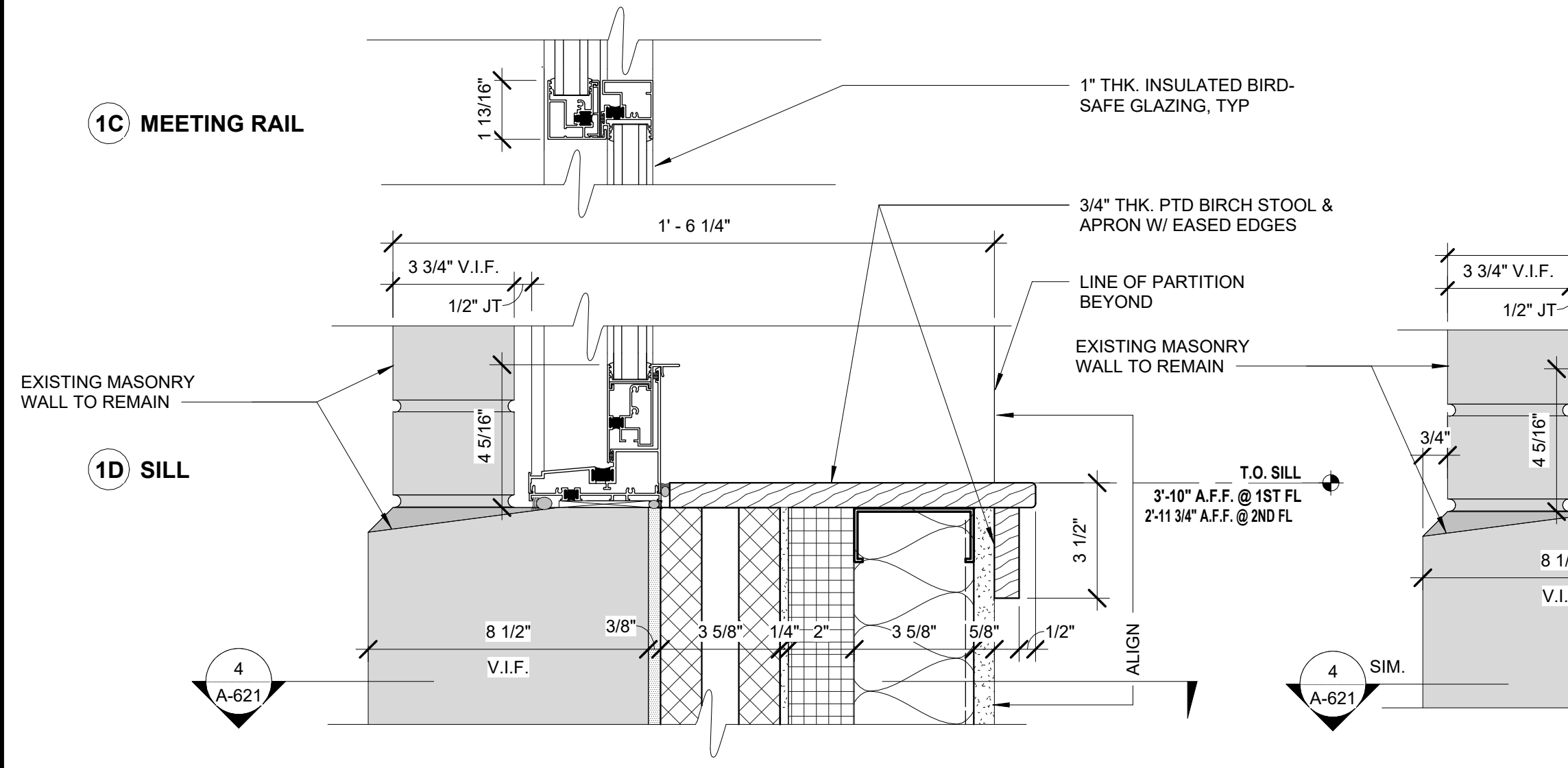
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 104 OF No. 121 DRAWING NO. A-612
ARCHITECTURAL OVERHEAD DOOR DETAILS	



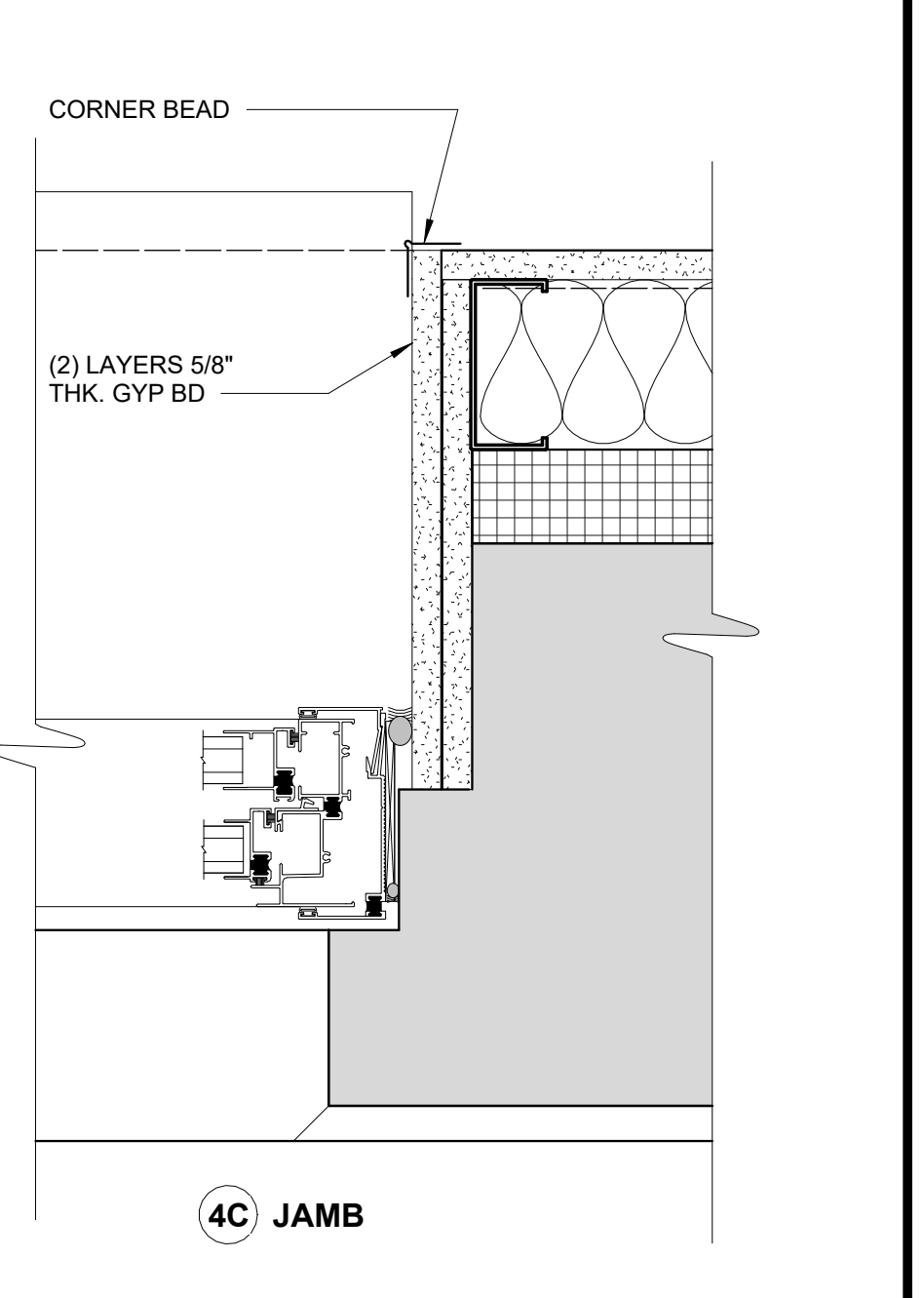
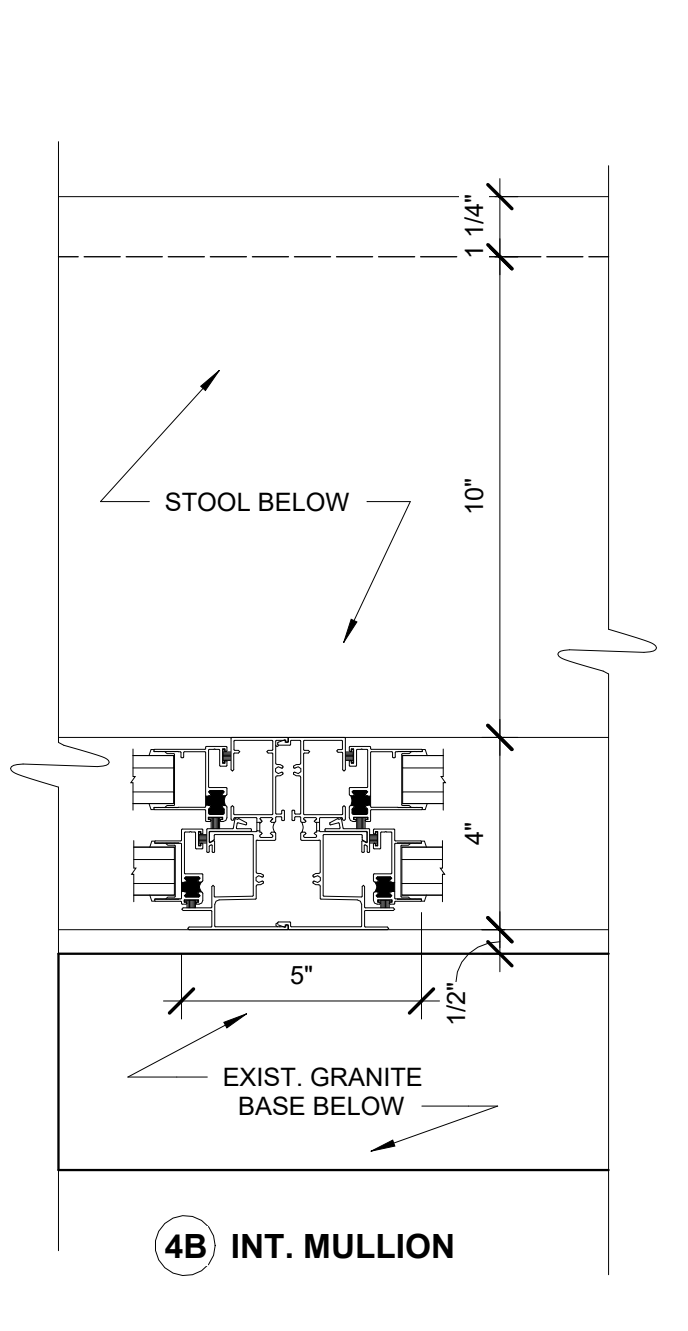
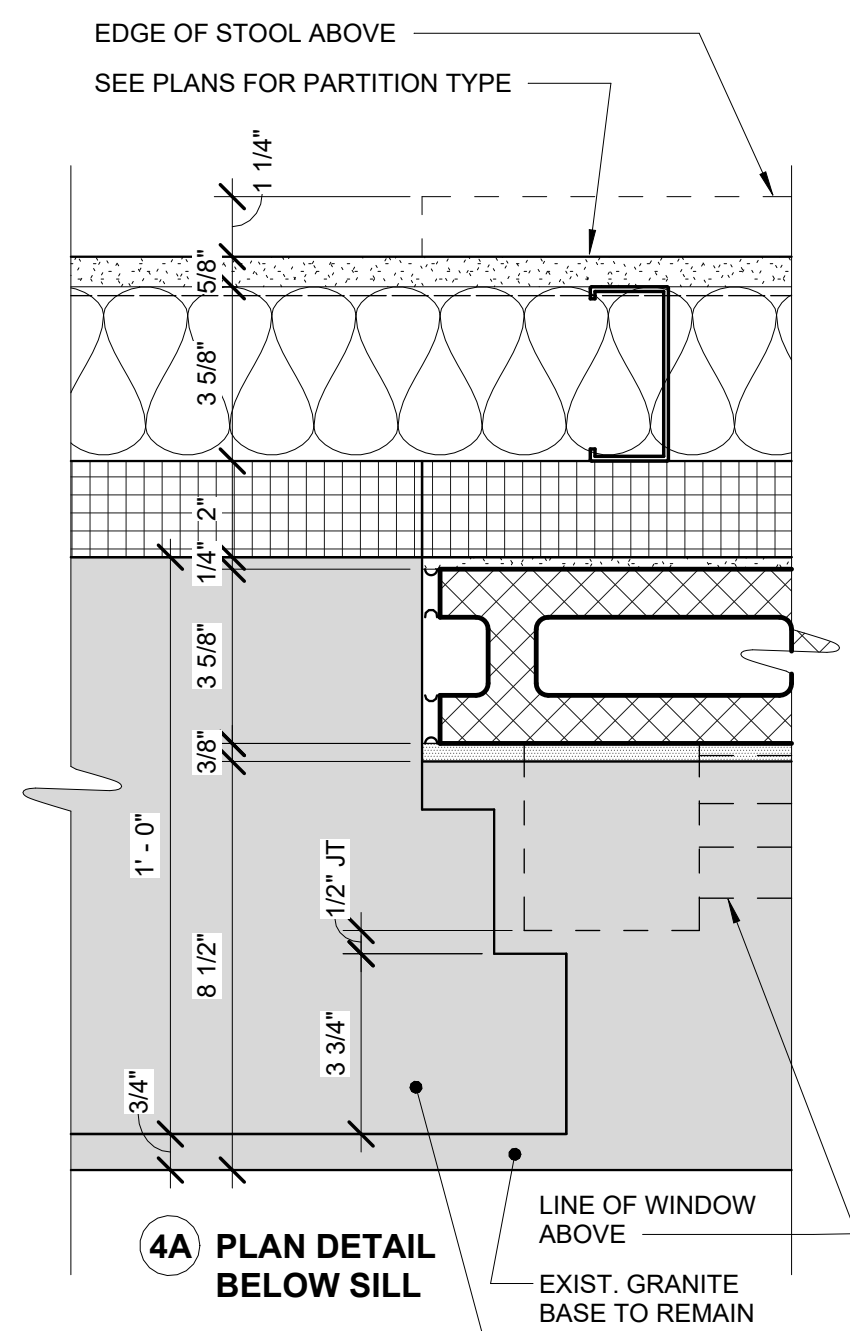
WINDOWS SCHEDULE									
WINDOW NO.	MASONRY OPENING		WINDOW DETAIL		GLAZING	SHADE	INSECT SCREEN	REMARKS	
	R.O. WIDTH	R.O. HEIGHT	HEAD	SILL					
FIRST FLOOR									
101	7' - 0" V.I.F.	6' 5 1/2" V.I.F.	1/A622	1D/A621	Clear	Y	Y		
102	7' - 0" V.I.F.	6' 5 1/2" V.I.F.	1/A622	1D/A621	Clear	Y	Y		
103	7' - 0" V.I.F.	6' - 11" V.I.F.	1A/A621	1D/A621	Glass	Y	Y		
104	7' - 0" V.I.F.	6' - 11" V.I.F.	1A/A621	1D/A621	Glass	N	Y		
105	7' - 0" V.I.F.	6' - 11" V.I.F.	1/A622	3/A621	Frosted	N	Y		
106	7' - 0" V.I.F.	6' - 11" V.I.F.	1A/A621	3/A621	Frosted	N	Y		
107	7' - 0" V.I.F.	6' 5 1/2" V.I.F.	1/A622	1D/A621	Clear	Y	Y		
108	7' - 0" V.I.F.	6' 5 1/2" V.I.F.	1/A622	1D/A621	Clear	Y	Y		
109	7' - 0" V.I.F.	6' 5 1/2" V.I.F.	2/A622	1D/A621	Clear	Y	Y		
110	7' - 0" V.I.F.	6' 5 1/2" V.I.F.	2/A622 SIM.	1D/A621	Clear	Y	Y		
111	7' - 0" V.I.F.	6' - 11" V.I.F.	1A/A621	1D/A621	Glass	Y	Y		
112	7' - 0" V.I.F.	6' - 11" V.I.F.	1A/A621	1D/A621	Glass	Y	Y		
113	7' - 0" V.I.F.	6' - 11" V.I.F.	1A/A621	1D/A621	Glass	Y	Y		
114	7' - 0" V.I.F.	6' - 11" V.I.F.	1A/A621	1D/A621	Glass	Y	Y		
115	7' - 0" V.I.F.	6' 5 1/2" V.I.F.	1A/A621	1D/A621	Clear	Y	Y		
116	7' - 0" V.I.F.	6' 5 1/2" V.I.F.	2/A622	1D/A621	Clear	Y	Y		
117	7' - 0" V.I.F.	6' 5 1/2" V.I.F.	2/A622	1D/A621	Clear	Y	Y		
SECOND FLOOR									
201	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		
202	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		
203	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	N	Y		
204	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		
205	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		
206	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		
207	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		
208	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		
209	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		
210	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		
211	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		
212	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		
213	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	3/A621	Frosted	N	Y		
214	7' - 0" V.I.F.	5' - 6 1/2" V.I.F.	1/A622	1D/A621	Glass - Storefront	Y	Y		



2 TYP. WINDOW ELEVATION
 A-621 SCALE: NOT TO SCALE



3 SILL DETAIL AT TOILETS
 A-621 SCALE: 3" = 1'-0"



4 TYP. WINDOW JAMB DETAILS
 A-621 SCALE: 3" = 1'-0"

1 TYP. WINDOW DETAILS
 A-621 SCALE: 3" = 1'-0"

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
E. CLAASSEN

CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

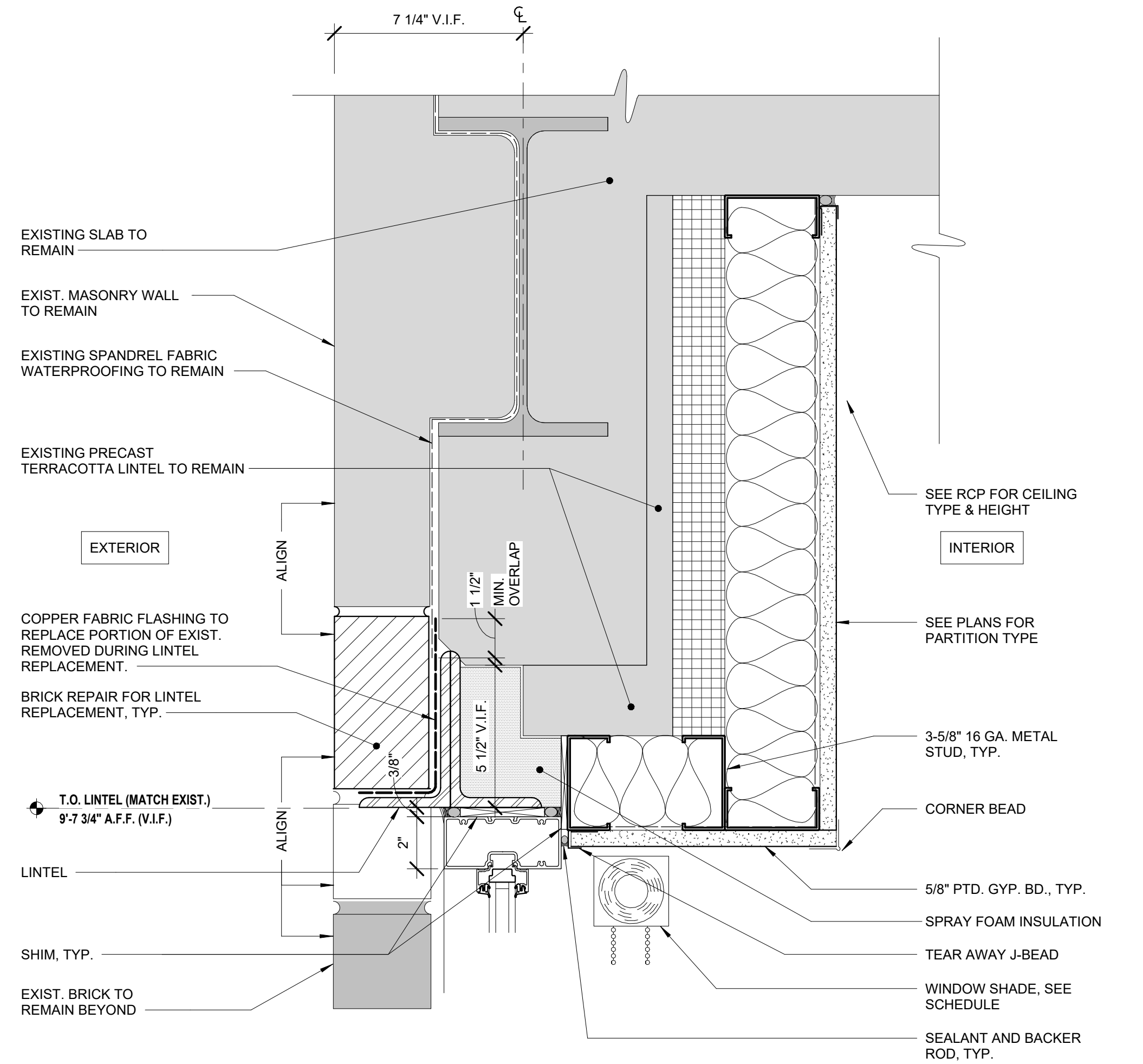
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MARK DELBALZO, P.E.

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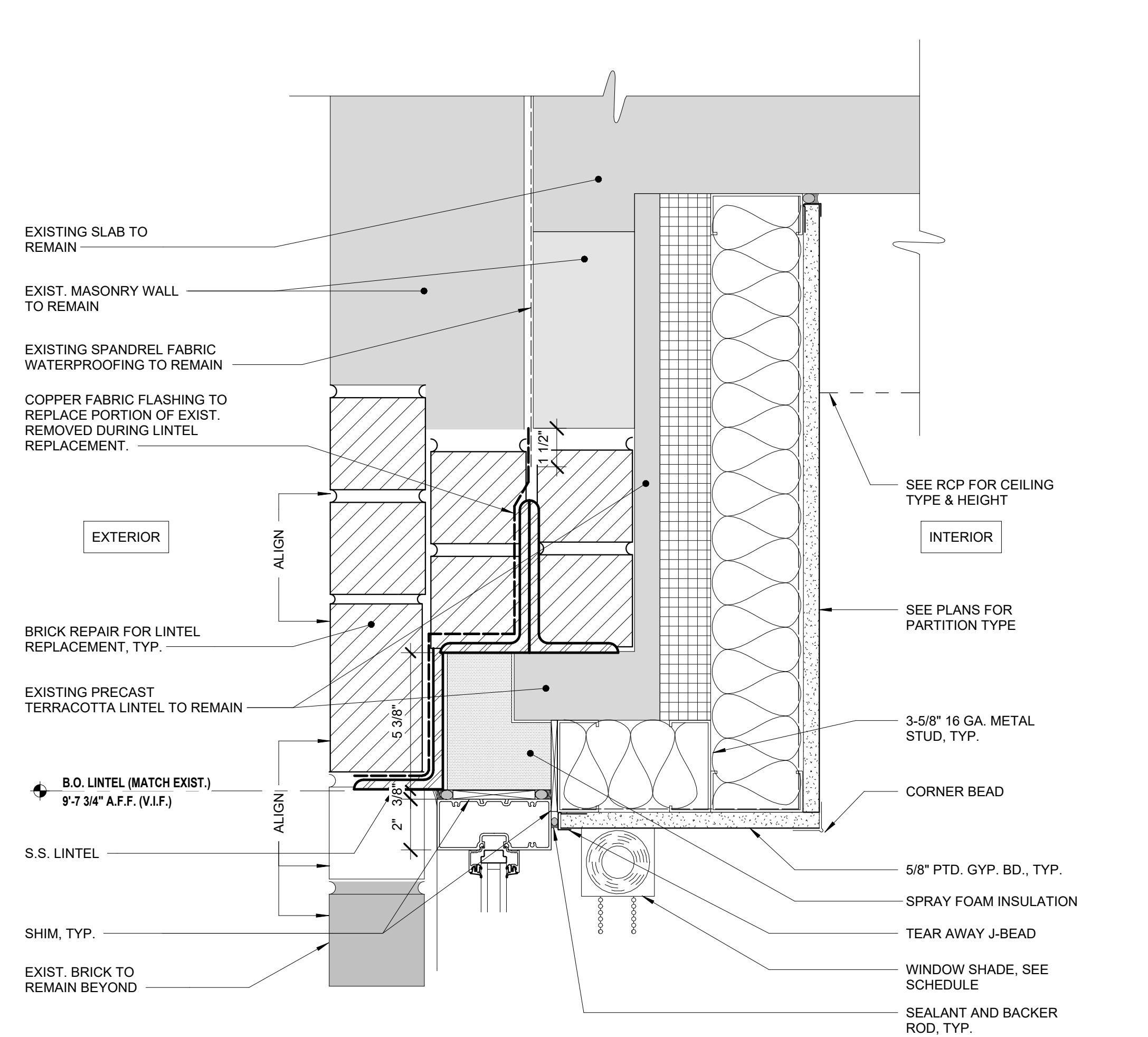
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1 WINDOW HEAD DETAIL - LINTEL TYPE B
 A-622 SCALE: 3" = 1'-0"
 0' 1' 2' 3' 6"



2 WINDOW HEAD DETAIL - LINTEL TYPE C
 A-622 SCALE: 3" = 1'-0"
 0' 1' 2' 3' 6"

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
E. CLAASSEN
 CHECKED BY:
F.E. GOSHOW

DRAWN BY:
S. KINARD
 DESIGN LEAD:
E. BARBOE, P.E.



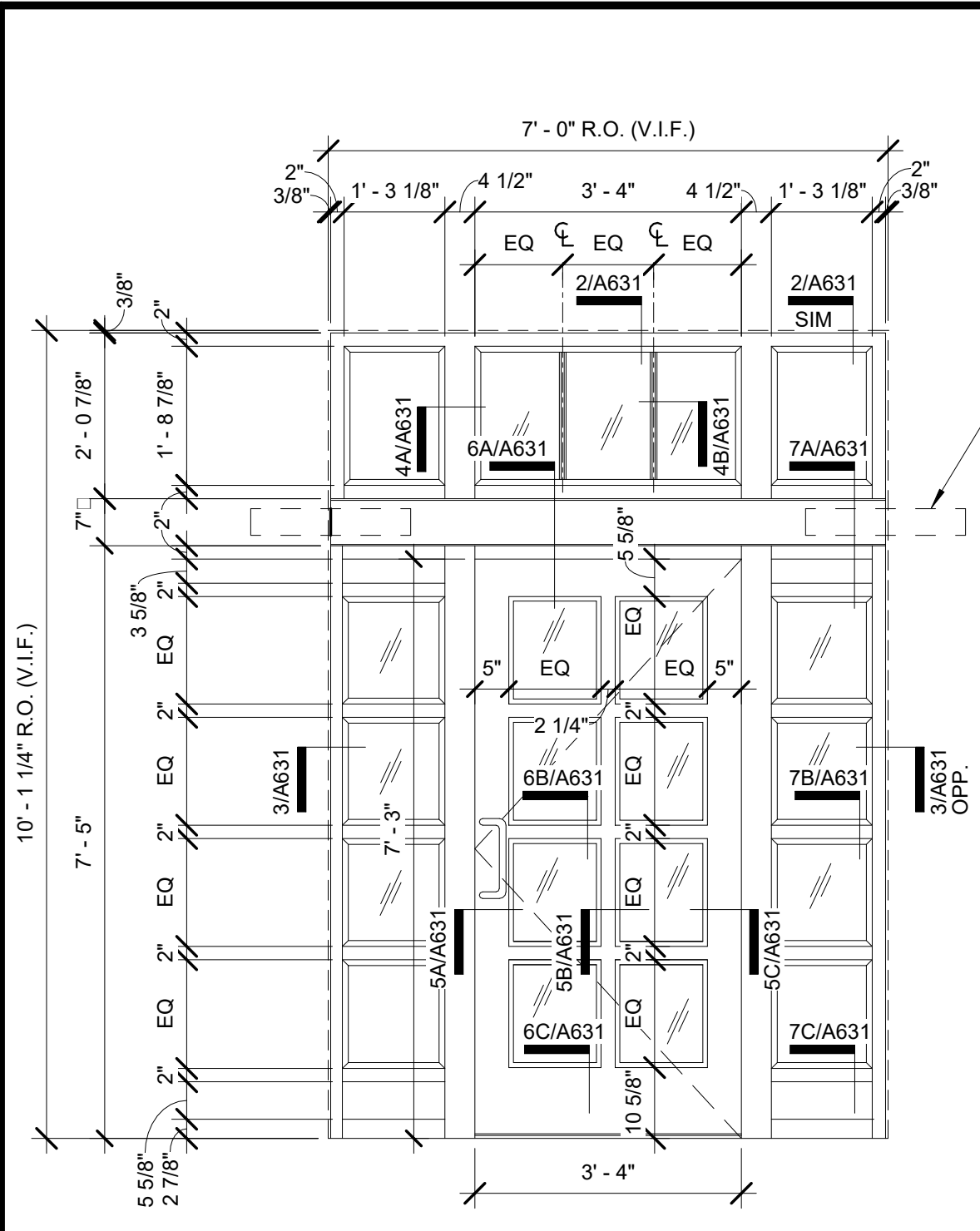
ACCOUNTABLE MANAGER
JOSE NIEVES
 PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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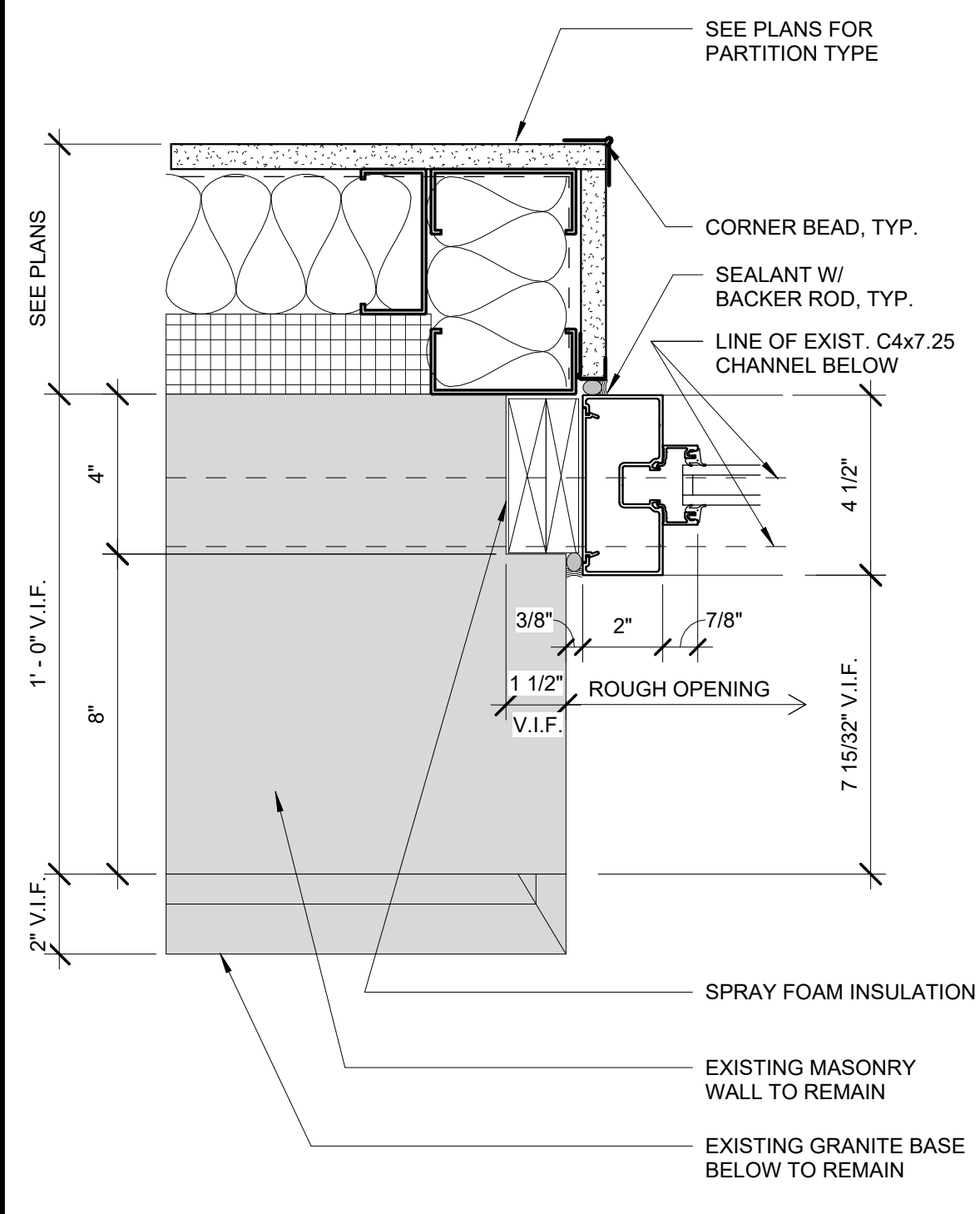
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ARCHITECTURAL WINDOW DETAILS	
DATE: MAY 2023	SCALE:
SHEET NO: 106 OF No. 121	DRAWING NO. A-622

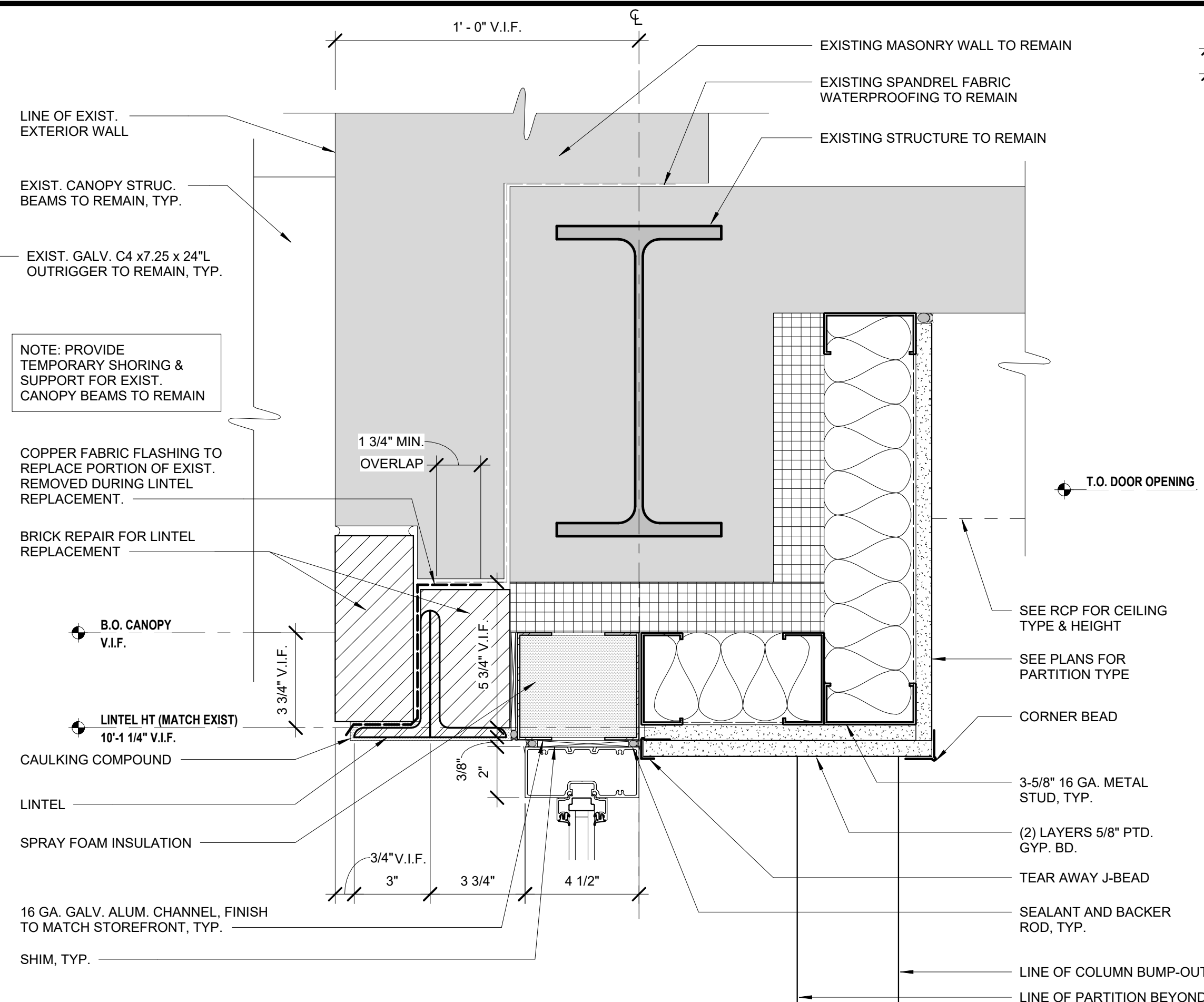
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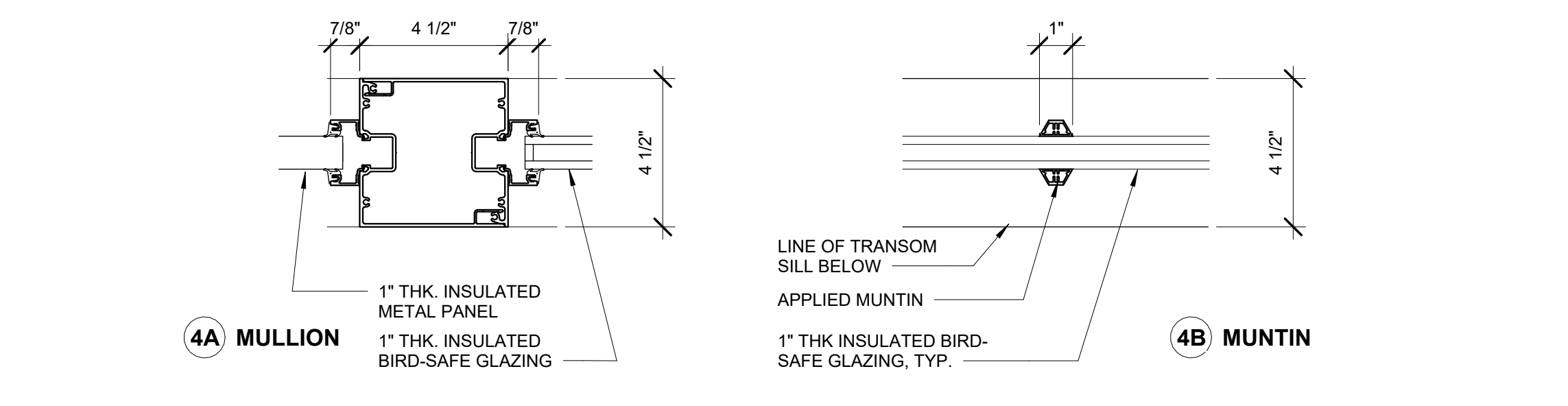
1 SF01 & SF02 ELEVATION
 A-631 SCALE: 1/2" = 1'-0"



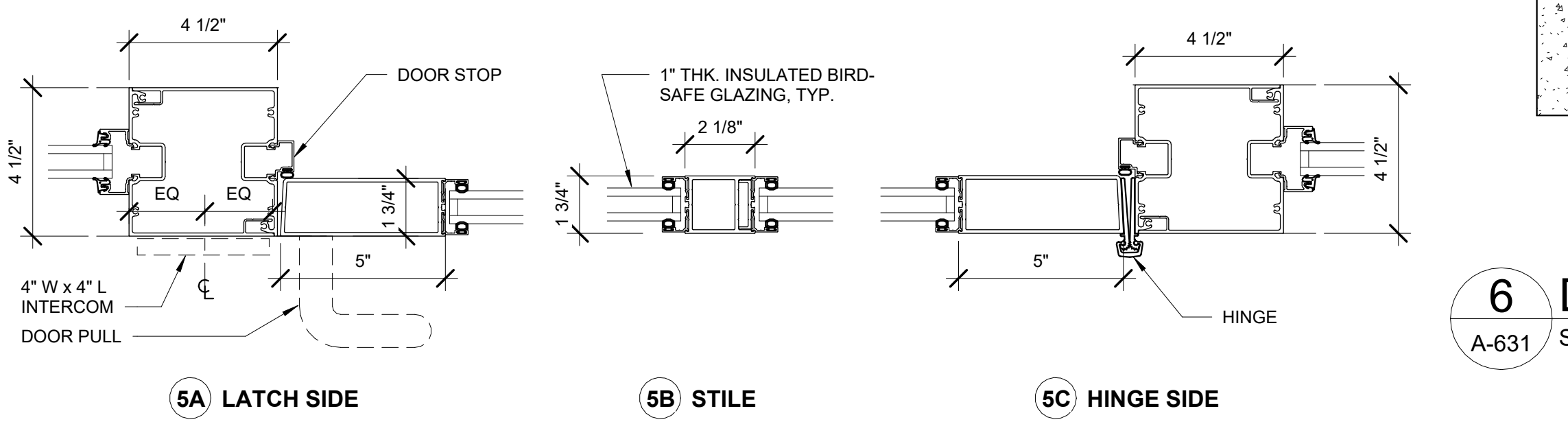
3 TYP. JAMB DETAIL
 A-631 SCALE: 3" = 1'-0"



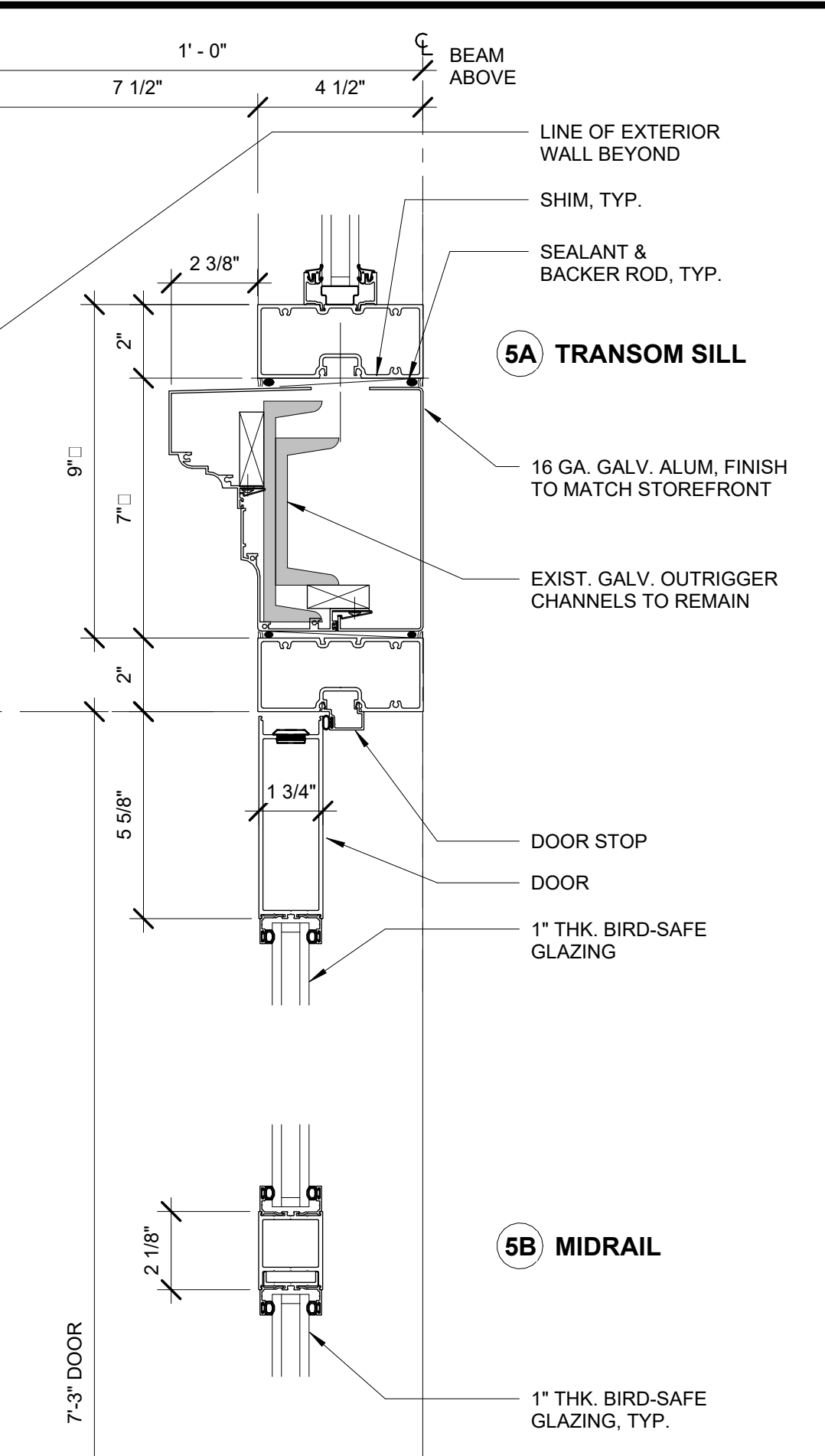
2 TRANSOM HEAD DETAIL
 A-631 SCALE: 3" = 1'-0"



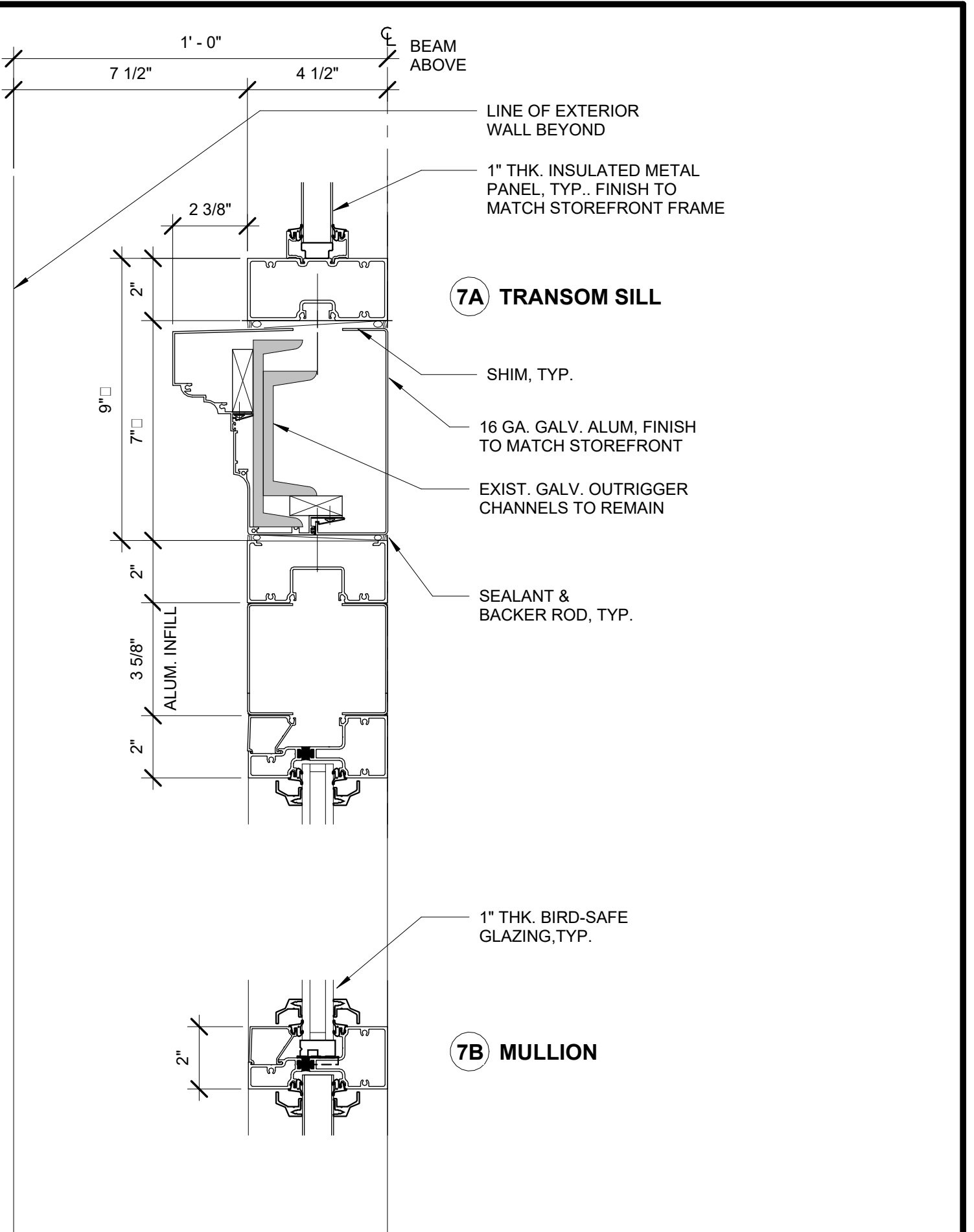
4 TRANSOM DETAILS
 A-631 SCALE: 3" = 1'-0"



5 DOOR DETAILS
 A-631 SCALE: 3" = 1'-0"



6 DOOR DETAILS
 A-631 SCALE: 3" = 1'-0"

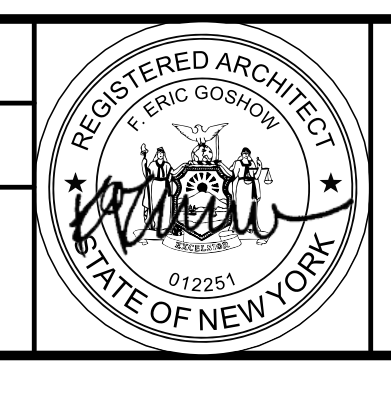


7 STOREFRONT DETAILS
 A-631 SCALE: 3" = 1'-0"

Autodesk Docs/00290-03A_CAT-423 WC-03A-Region of Kenesico Lab/00290-03A_A_RLB.rvt
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

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CHECKED BY: F.E. GOSHOW	DESIGN LEAD: E. BARBOE, P.E.



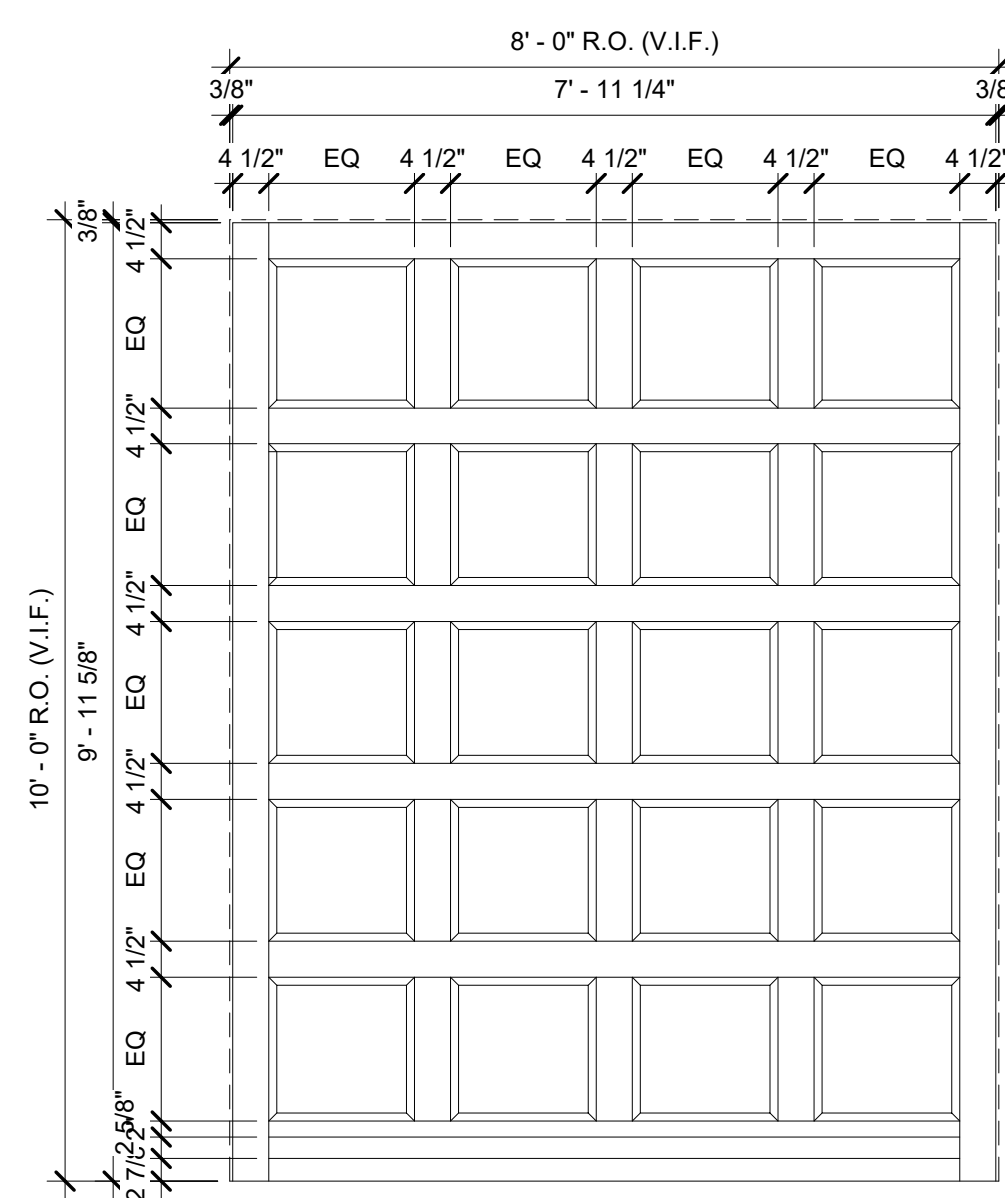
ACCOUNTABLE MANAGER JOSE NIEVES
PORTFOLIO MANAGER MARK DELBALZO, P.E.

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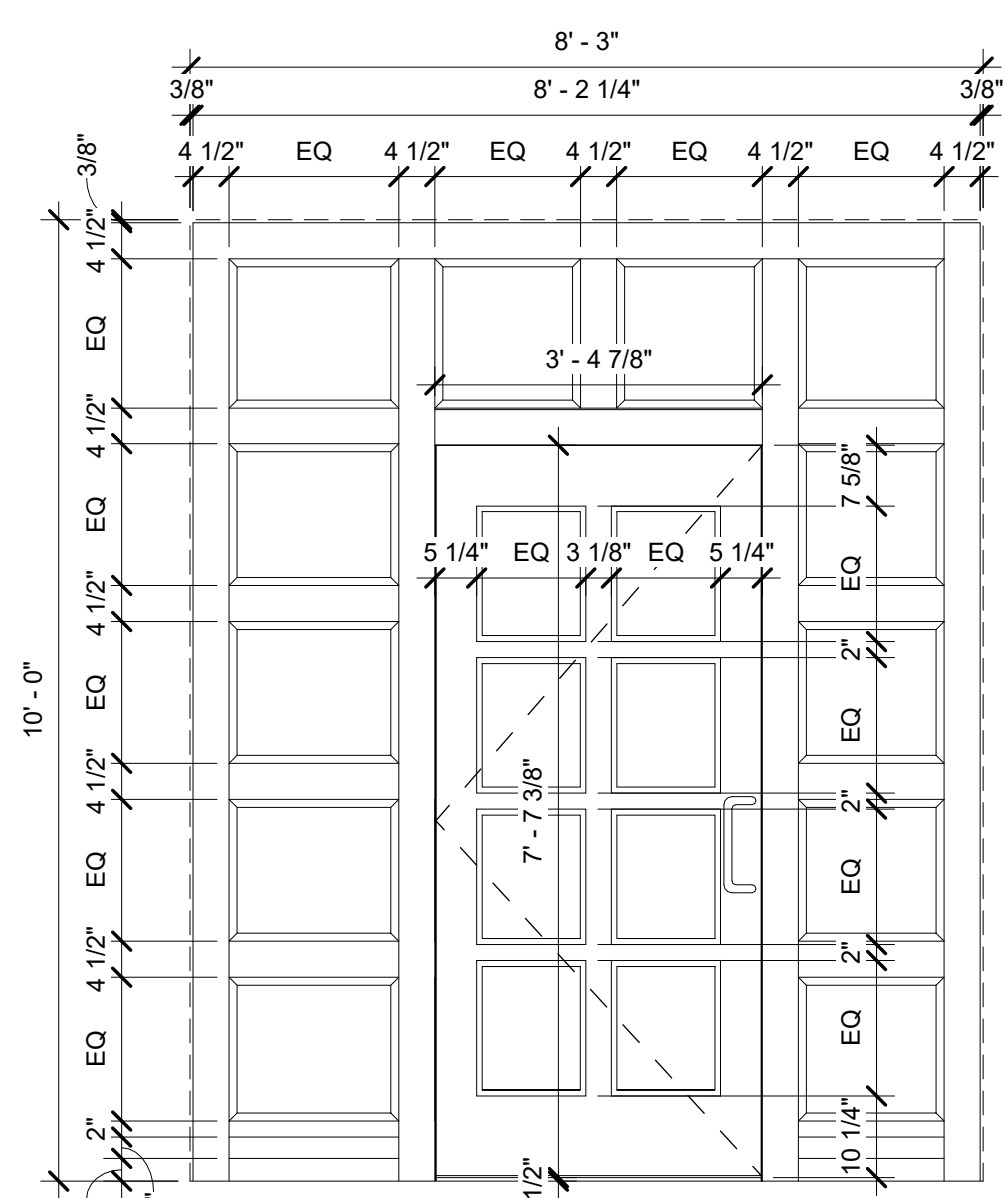
NEW YORK CITY ENVIRONMENTAL PROTECTION
 BUREAU OF WATER SUPPLY
 465 COLUMBUS AVENUE, SUITE 270
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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624	DATE: MAY 2023 SCALE: SHEET NO: 107 OF No. 121 DRAWING NO. A-631
ARCHITECTURAL STOREFRONT DETAILS	

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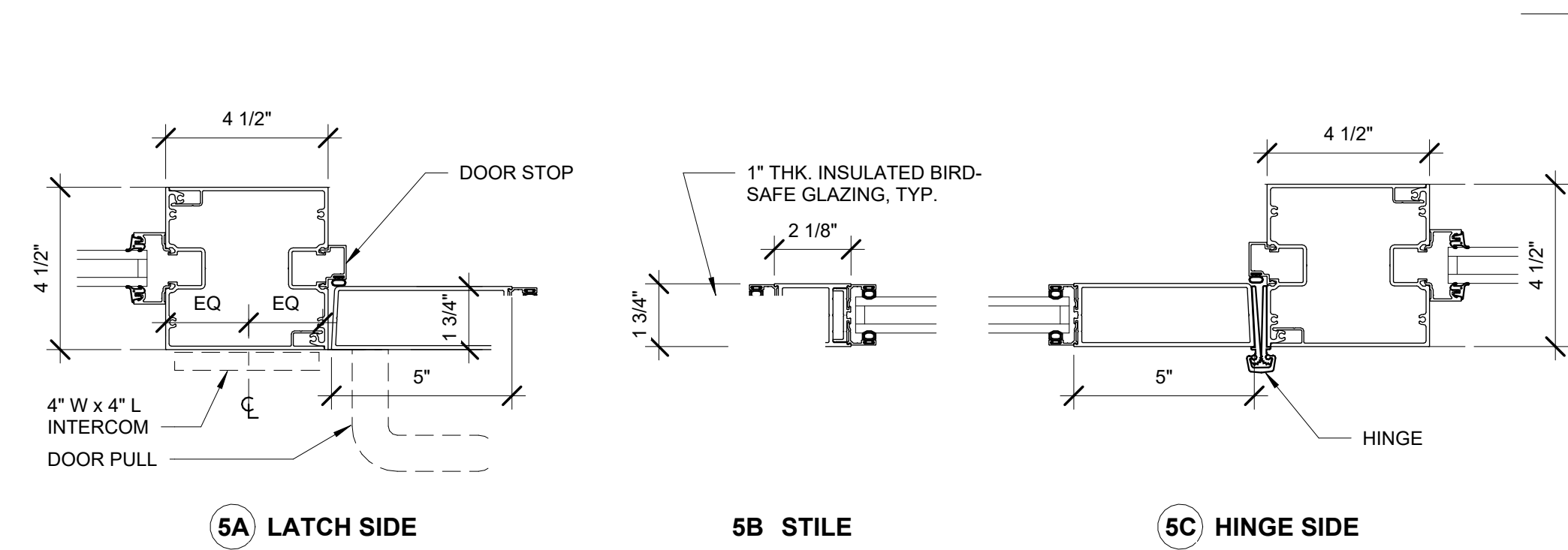
STOREFRONT SF03



STOREFRONT SF04

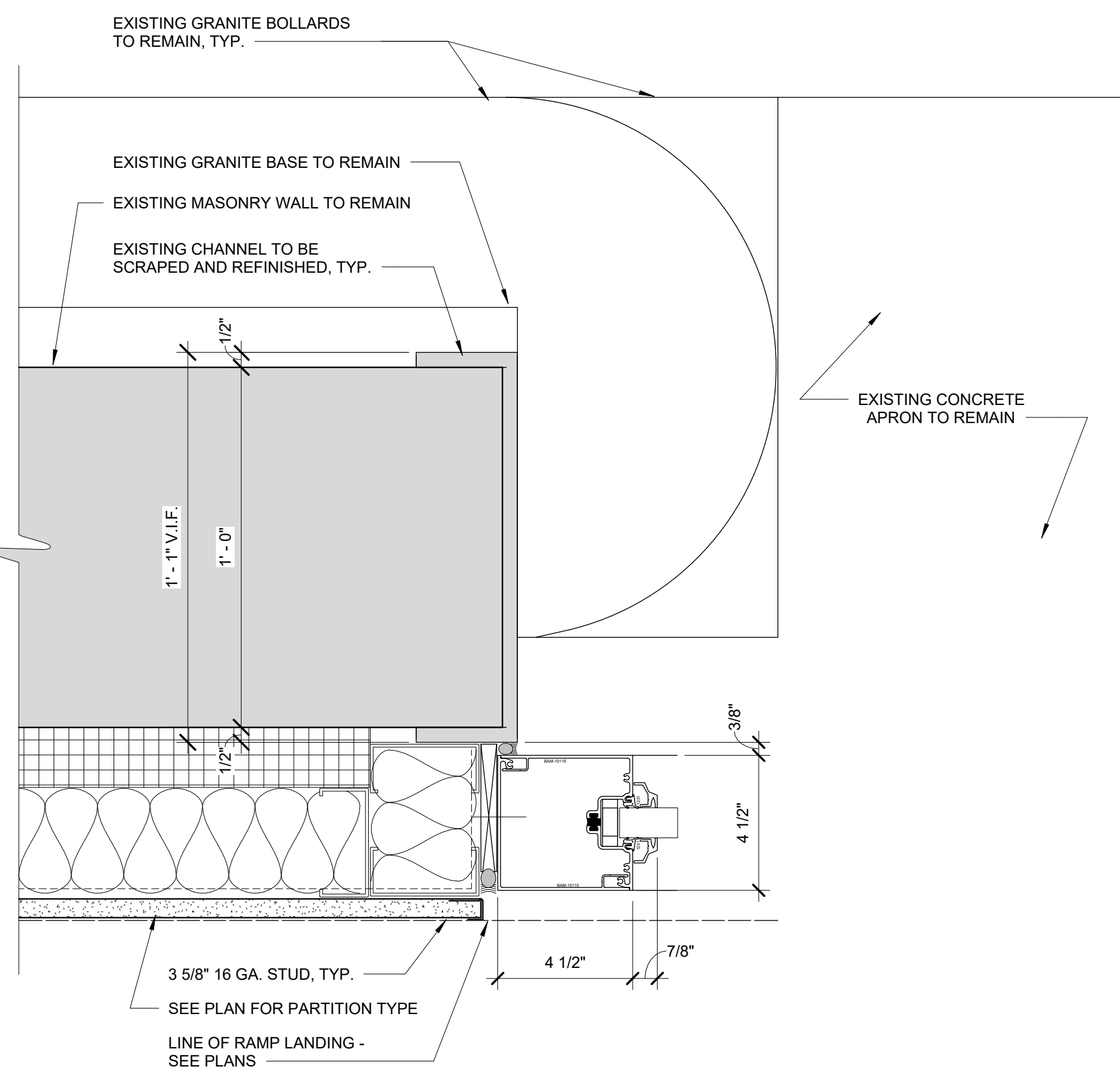
1 SF03 & SF04 ELEVATION

A-632 SCALE: 1/2" = 1'-0"



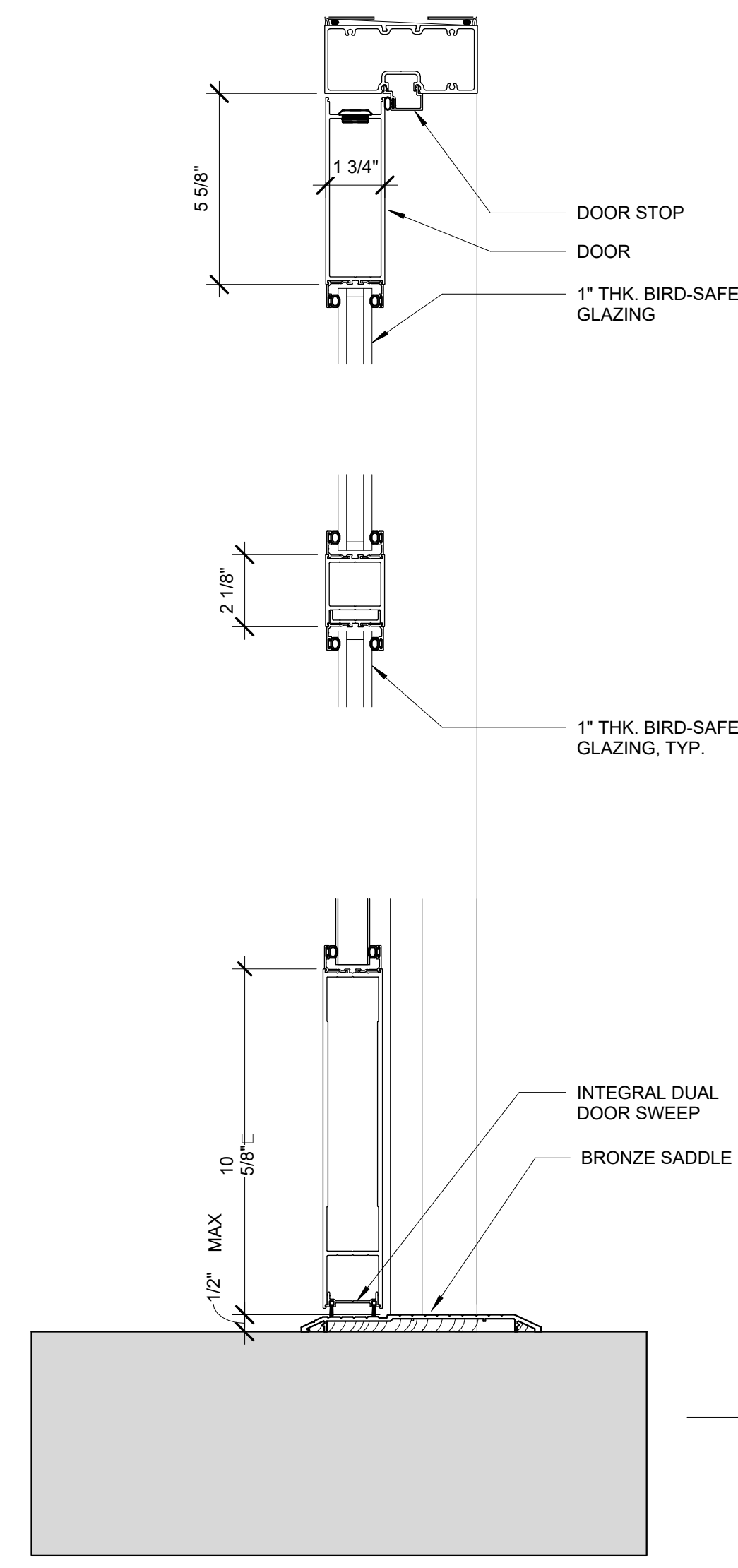
2 DOOR DETAILS

A-632 SCALE: 3" = 1'-0"



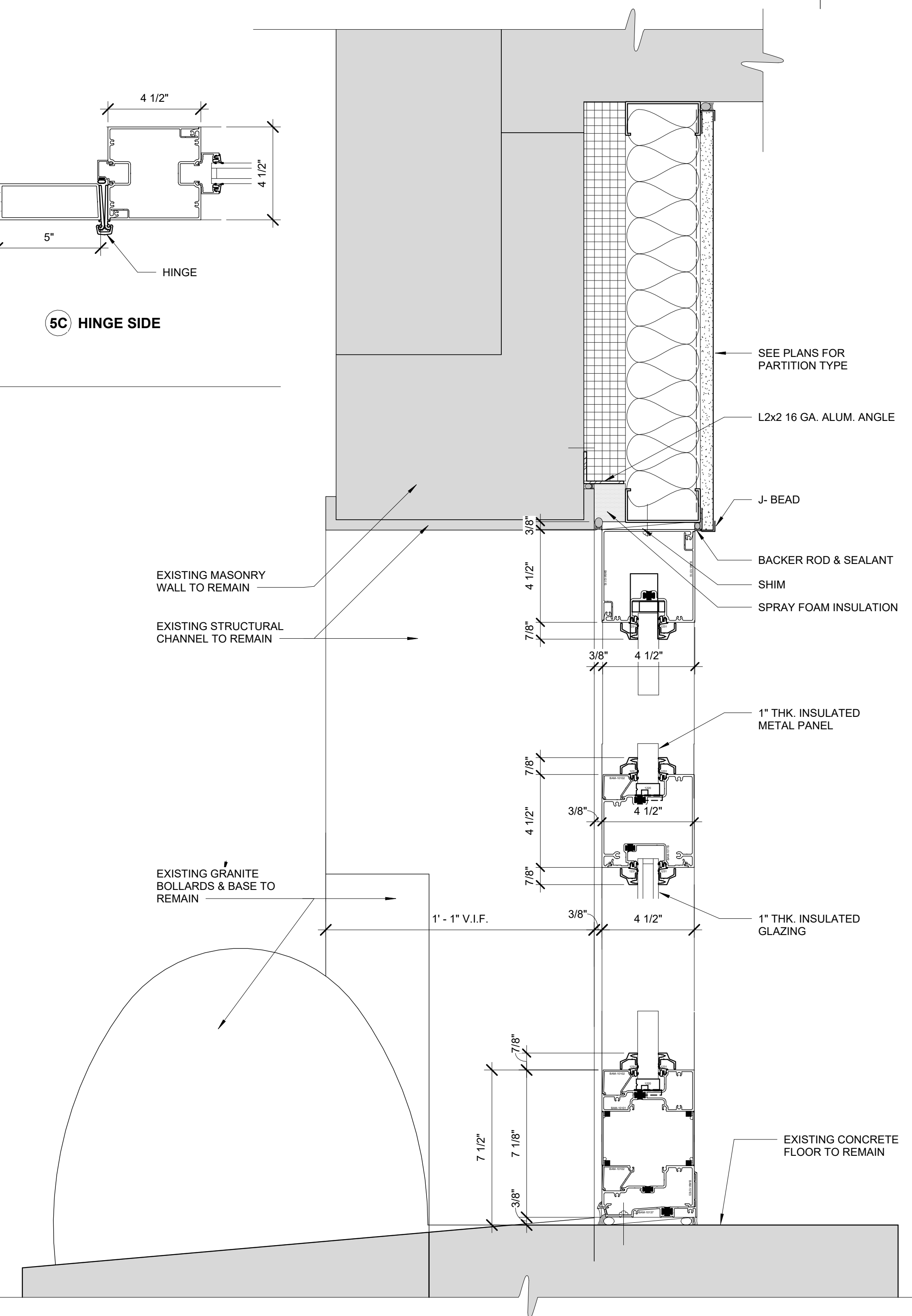
3 TYP. DETAIL - OVERHEAD DOOR JAMB

A-632 SCALE: 3" = 1'-0"



4 DOOR DETAILS

A-632 SCALE: 3" = 1'-0"



5 TYPICAL STOREFRONT DETAILS

A-632 SCALE: 3" = 1'-0"

Autodesk Docs/060290-03A_CAT-423 WC-03A-Region of Kensico Lab/060290-03A_A_KLB.rvt 5/5/2023 10:28:40 AM

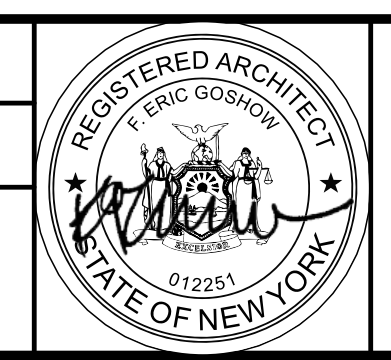
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
E. CLAASSEN

CHECKED BY:
F.E. GOSHAW

DRAWN BY:
S. KINARD

DESIGN LEAD:
E. BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES

PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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ARCHITECTURAL STOREFRONT DETAILS

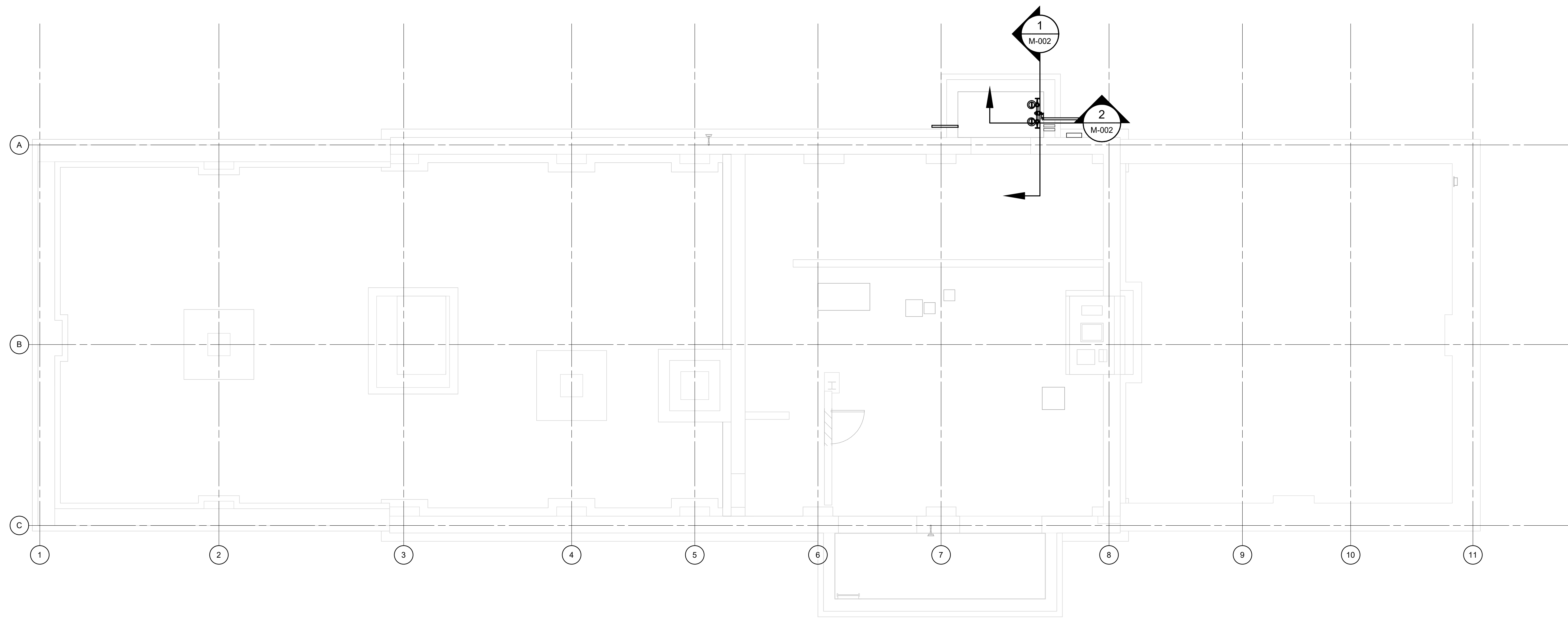
DATE: MAY 2023

SCALE:

SHEET NO:
108 OF No. 121

DRAWING NO.
A-632

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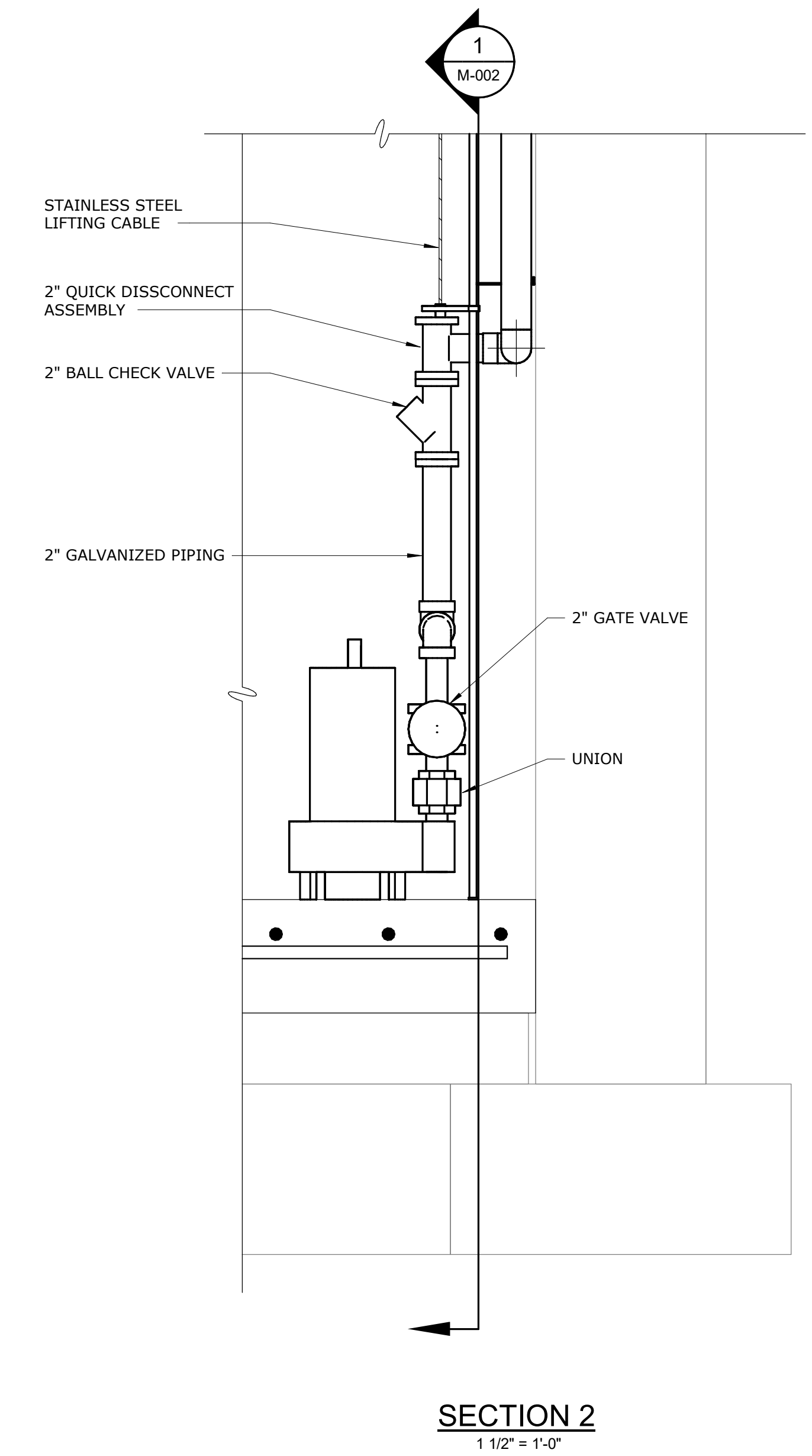
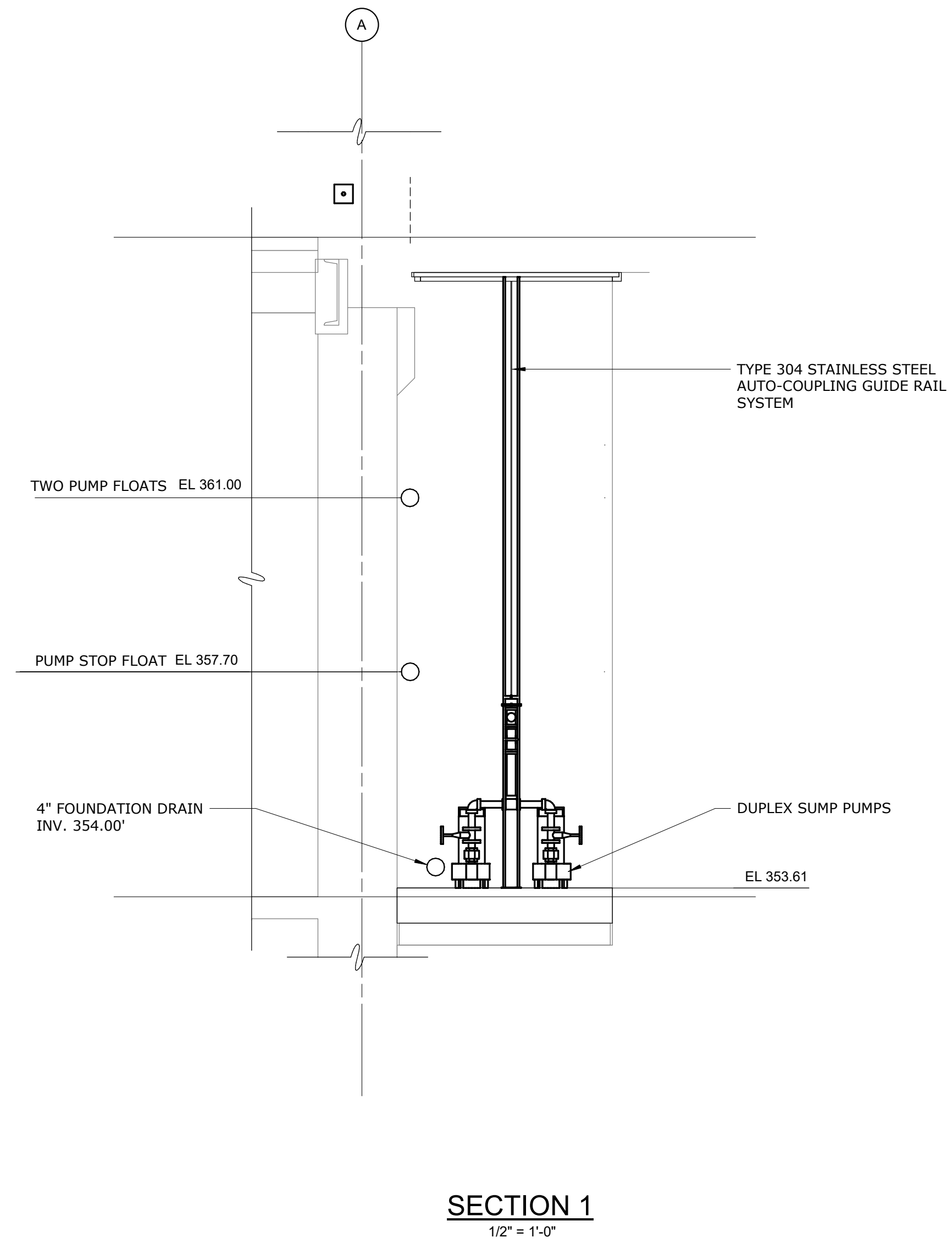
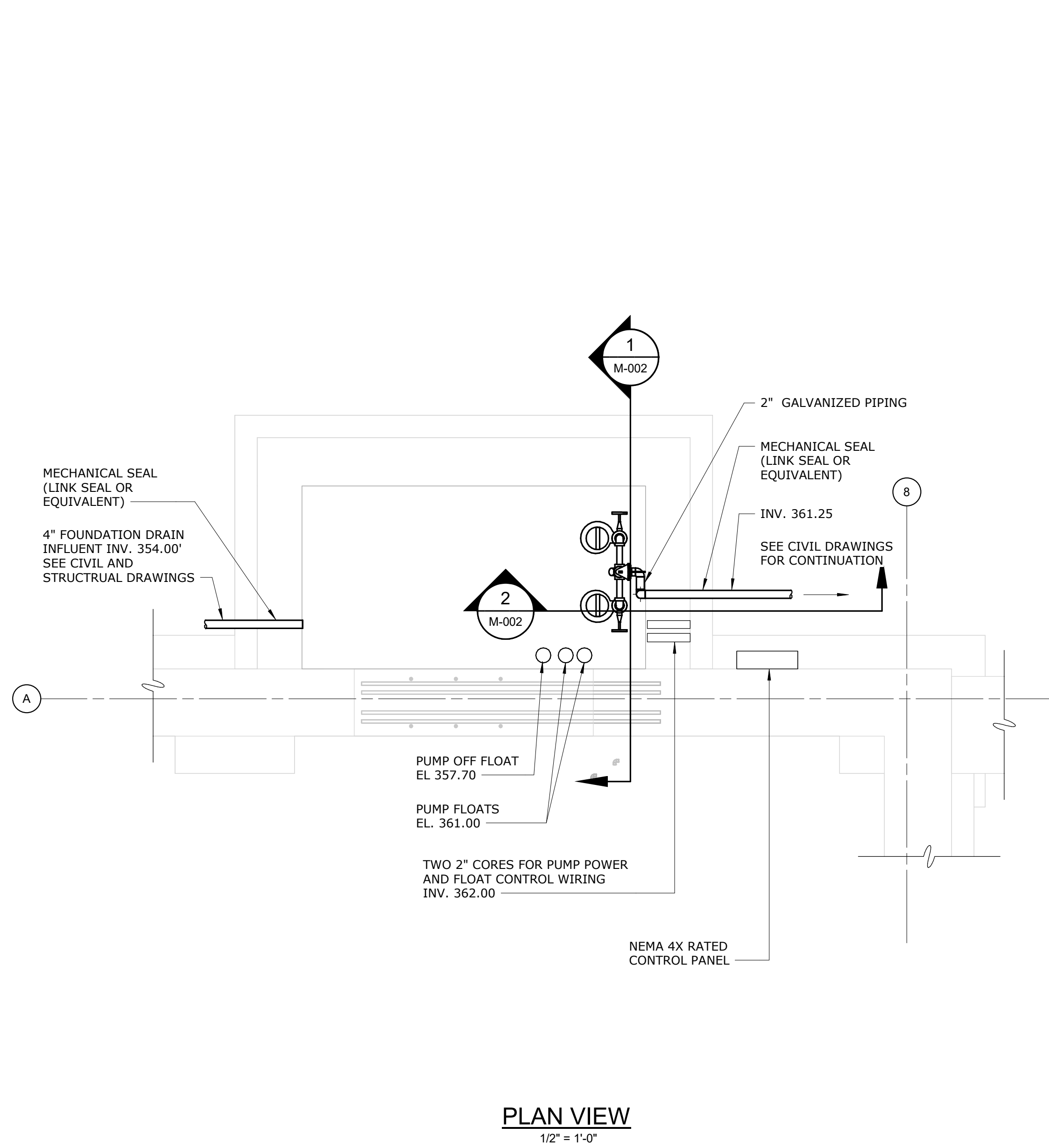


BASEMENT EL. 353.44
 3/16" = 1'-0"

Autodesk Docs://060206-03A_CAT-423 WOC-03A-Reason of Kensico Lab#060206-03A_M_KLB-04
 5/10/2023 8:27:00 AM

			BID SET		GRAPHIC SCALES CHECK BEFORE USE IF SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY		
			NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dep		REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 MECHANICAL FOUNDATION PLAN		
			ACCOUNTABLE MANAGER JOSE NIEVES PORTFOLIO MANAGER MARK DELBALZO, P.E.		DATE: MAY 2023 SCALE: SHEET NO: 110 OF No. 121 DRAWING NO. M-001		
			DESIGNED BY: RYAN NEUMANN CHECKED BY: EDWARD BARBOE, P.E.				
			DRAWN BY: TALIA ORDONEZ DESIGN LEAD: E. BARBOE, P.E.				
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D				

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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 MECHANICAL PLAN AND SECTIONS	DATE: MAY 2023
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

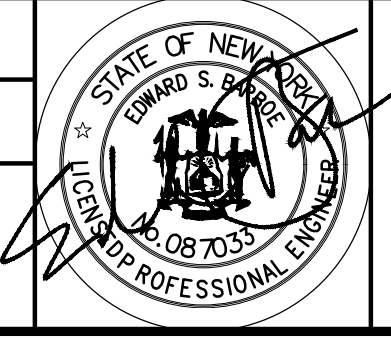
DESIGNED BY:
RYAN NEUMANN

CHECKED BY:
EDWARD BARBOE, P.E.

DRAWN BY:
TALIA ORDONEZ

DESIGN LEAD:
E. BARBOE, P.E.

Hazen



ACCOUNTABLE MANAGER
JOSE NIEVES

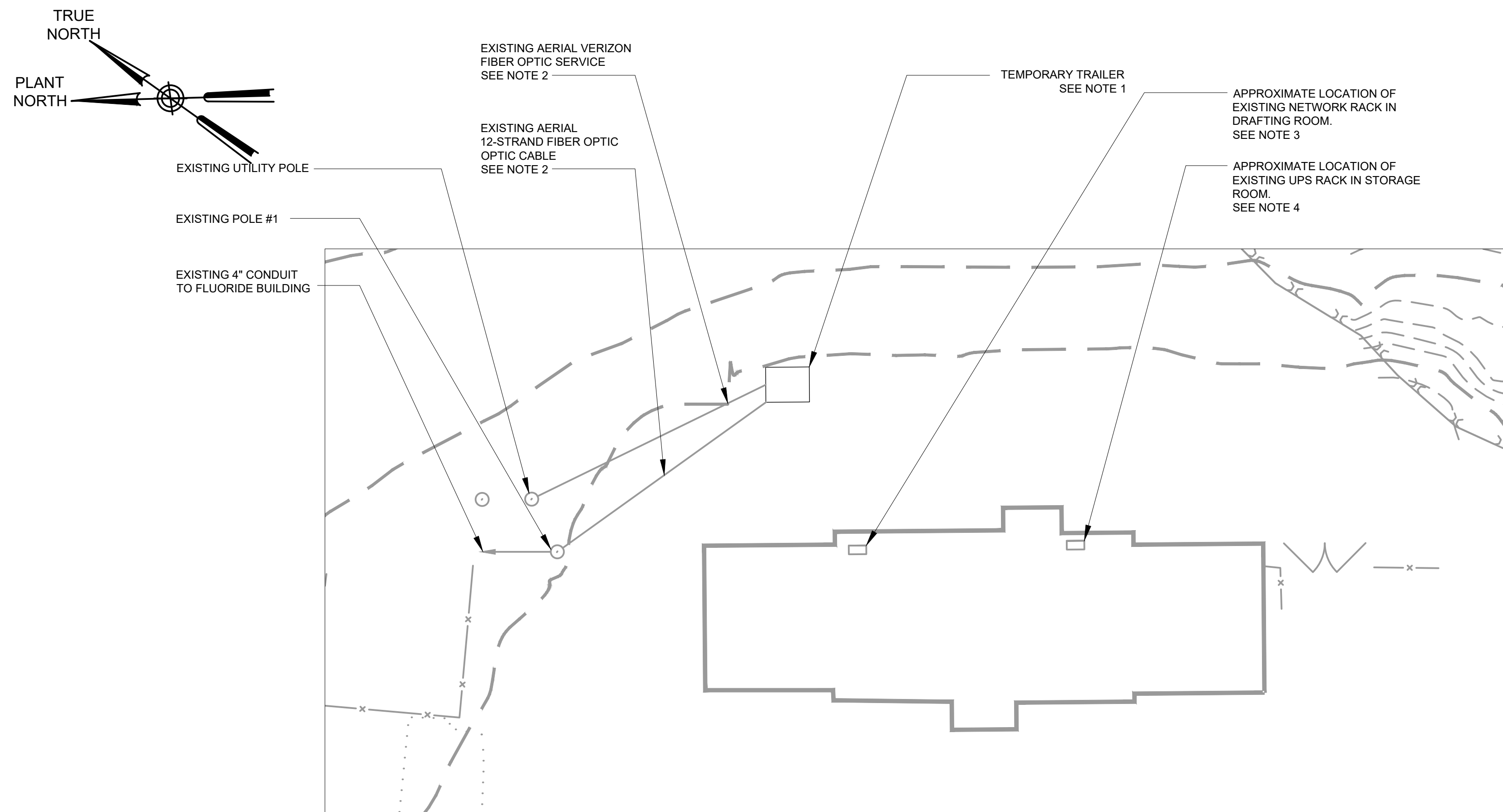
PORTFOLIO MANAGER
MARK DELBALZO, P.E.

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Autodesk Docs:060206-03A_CAT-423 WOC-03A-Reason of Kensico Lab#060206-03A_M_KLB-04
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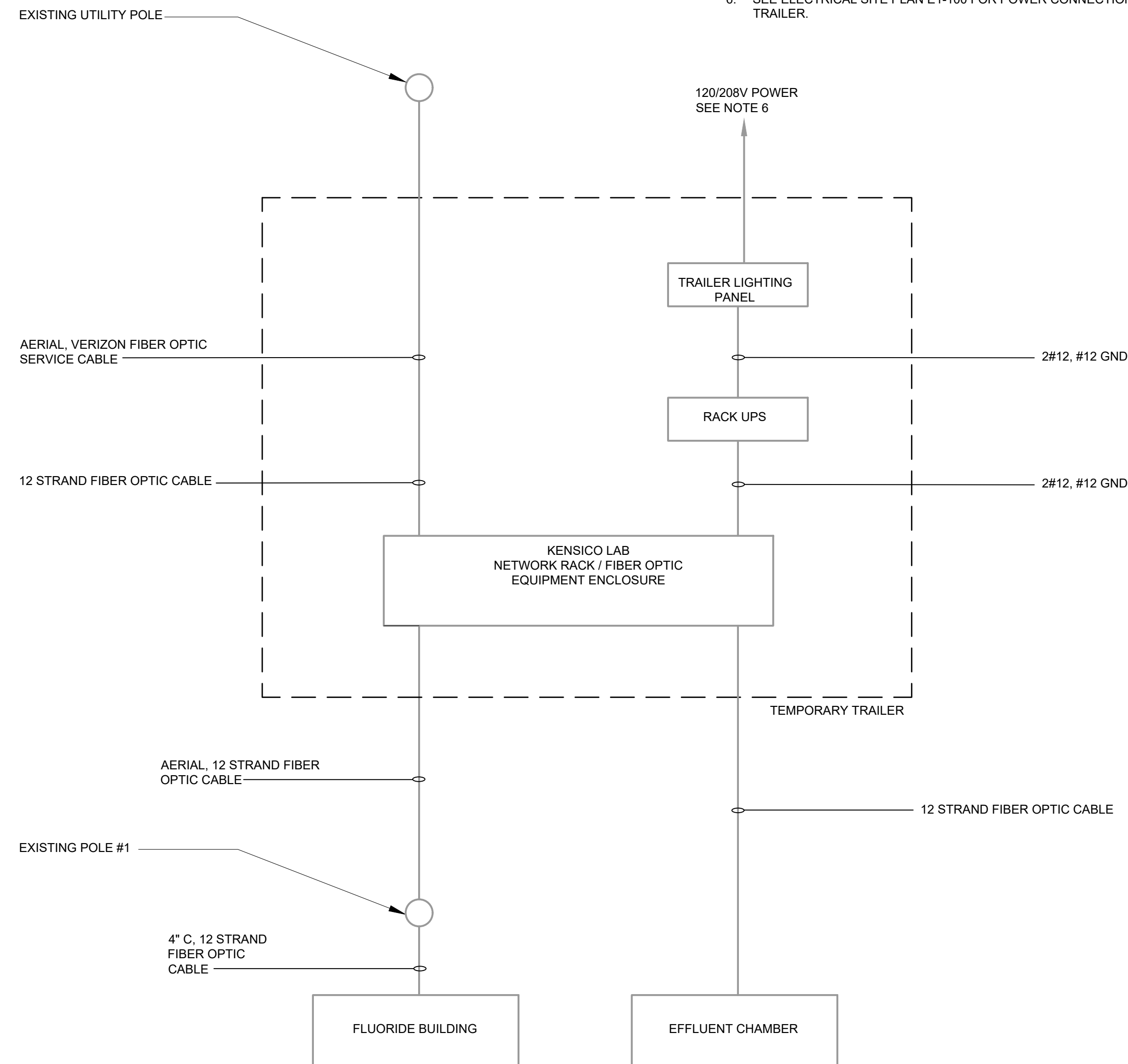
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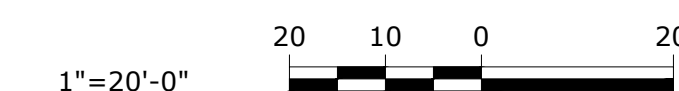
SITE PLAN - TEMPORARY TRAILER
1" = 20'-0"

NOTES:

1. FURNISH AND INSTALL TRAILER TO HOUSE THE EXISTING NETWORK RACK AND UPS RACK DURING CONSTRUCTION.
2. REROUTE 12-STRAND FIBER OPTIC CABLE AND VERIZON FIBER OPTIC CABLE FROM THE BUILDING TO THE TRAILER.
3. EXISTING NETWORK RACK AND EXISTING VERIZON EQUIPMENT TO BE MOVED FROM THE DRAFTING ROOM TO THE TRAILER. CONTRACTOR TO RELOCATE EQUIPMENT, WIRING AND OTHER ITEMS ASSOCIATED WITH THE RELOCATION IN COORDINATION WITH NYC-DEP & VERIZON.
4. EXISTING UPS RACK TO BE MOVED FROM THE STORAGE ROOM IN THE BASEMENT TO THE TRAILER.
5. COORDINATE SERVER DOWNTIME WITH THE D.E.P. DOWNTIME CAUSED BY THE RELOCATION OF THE NETWORK RACK & UPS NOT TO EXCEED 24 CONSECUTIVE HOURS. A MINIMUM OF 96 HOURS OF CONTINUOUS NETWORK OPERATION IS TO BE PROVIDED BETWEEN EACH DOWNTIME PERIOD. PROVIDE MINIMUM SEVEN (7) DAYS NOTICE OF ANY DOWNTIME.
6. SEE ELECTRICAL SITE PLAN E1-100 FOR POWER CONNECTION TO THE TRAILER.



TEMPORARY TRAILER RISER DIAGRAM



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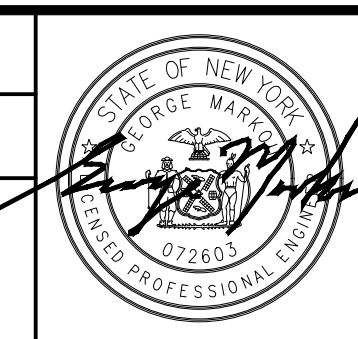
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
Y. ABDALLA

DRAWN BY:
Y. ABDALLA

CHECKED BY:
H. HARRY

DESIGN LEAD:
EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

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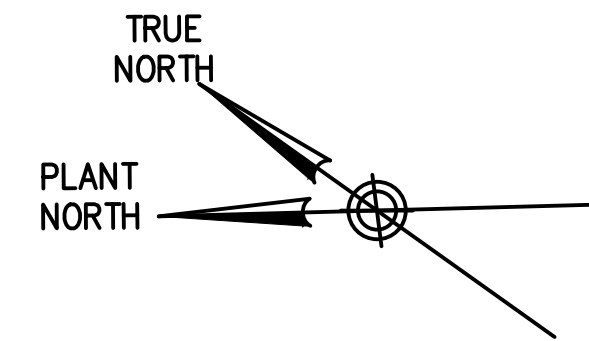
NEW YORK CITY ENVIRONMENTAL PROTECTION

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REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 SECURITY SYSTEM TEMPORARY TRAILER PLAN

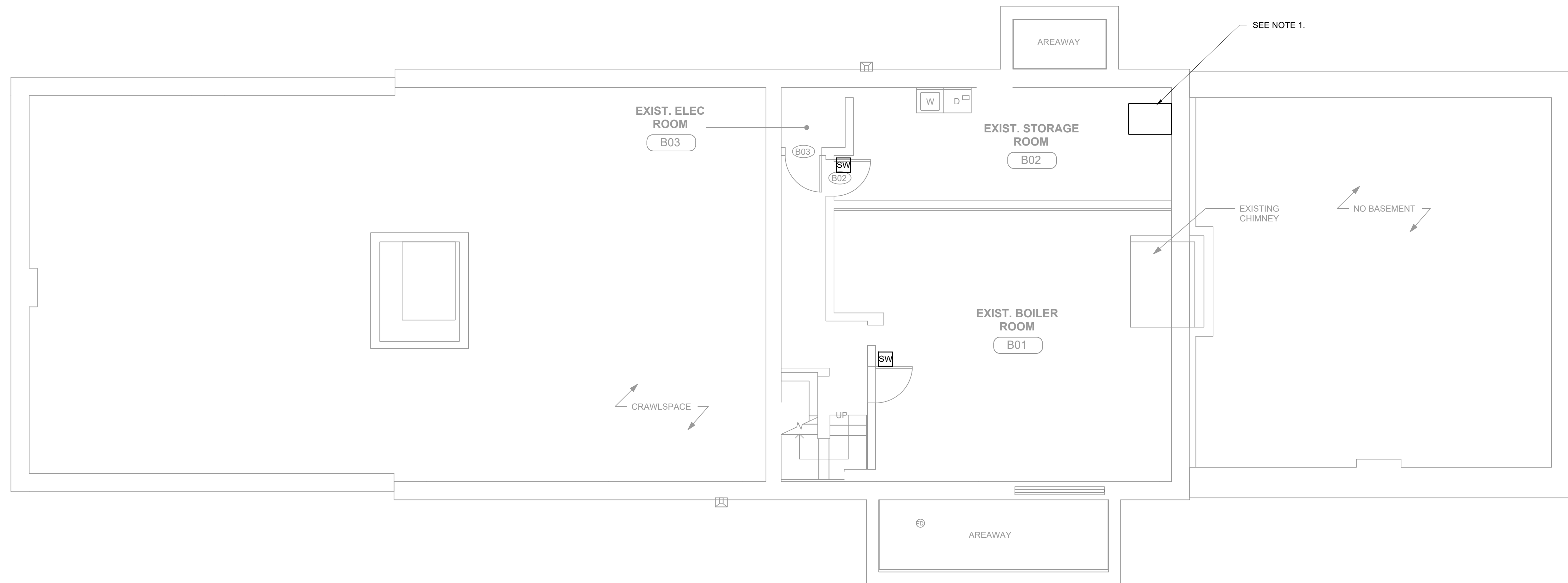
DATE: MAY 2023
SCALE:
SHEET NO: 112 OF No. 121
DRAWING NO: SC-100

File: C:\BWS\WATER-FW\0413136\SC1-100 (6-1) Sheet by PHUCBENT Save Date: 7/25/2022 4:49 PM



LEGEND
 SW MAGNETIC MONITOR SWITCH

NOTES:
 1. RELOCATE EXISTING UPS RACK IN TO ELEC ROOM 111.



**SECURITY SYSTEM PLAN
 EL 354.50 BASEMENT**

3/16"=1'-0" 0 5 10 FT.

BID SET	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
P. NUGENT

DRAWN BY:
P. NUGENT

CHECKED BY:
H. HARRY

DESIGN LEAD:
EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES

PROJECT MANAGER
MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
 THE KENSICO REGIONAL HEADQUARTERS
 MOUNT PLEASANT, NEW YORK
 CONTRACT CRO-624
 SECURITY SYSTEM
 BASEMENT PLAN

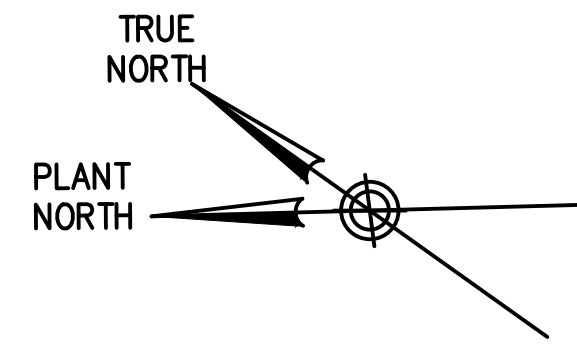
DATE: MAY 2023
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 SHEET NO:
113 OF No. 121
 DRAWING NO:
SC-101

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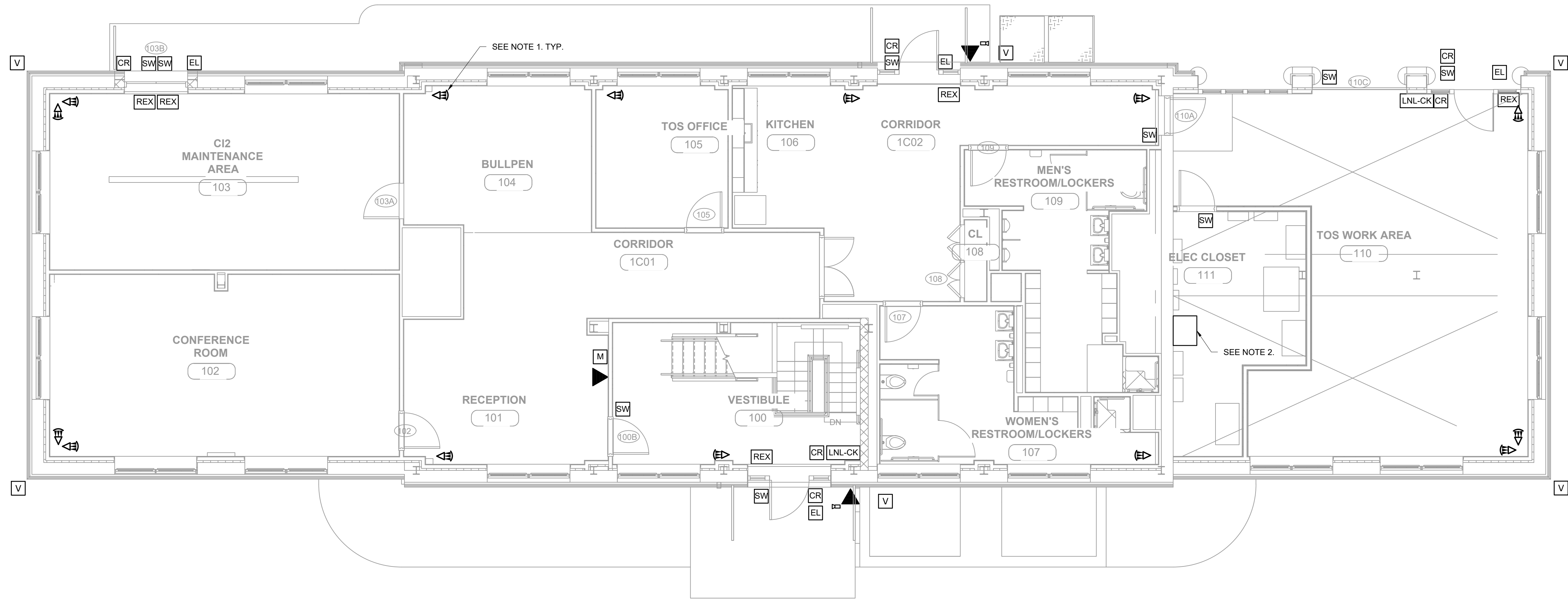
LEGEND

- CR CARD READER
- REX EMBEDDED REQUEST TO EXIT
- SW MAGNETIC MONITOR SWITCH
- EL ELECTRIC LOCKSETS
- V CCTV CAMERA
- M SCREEN MONITOR
- LNL-CK LENEL COMMAND SYSTEM STATUS INDICATOR
- MOTION DETECTOR
- INTERCOM SYSTEM
- INTERCOM SYSTEM WITH VIDEO CAMERA
- D DATA OUTLET



NOTES:

1. MOTION DETECTORS SHALL BE MOUNTED FACING WINDOWS.
2. RELOCATE EXISTING UPS RACK IN EXIST. STORAGE ROOM B02 TO ELEC ROOM 111.



**SECURITY SYSTEM PLAN
EL 367.00 GROUND FLOOR**



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DESIGNED BY: P. NUGENT CHECKED BY: H. HARRY	DRAWN BY: P. NUGENT DESIGN LEAD: EDWARD BARBOE, P.E.
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ACCOUNTABLE MANAGER JOSE NIEVES PROJECT MANAGER MARK DELBALZO, P.E.	*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION 7209.2.*
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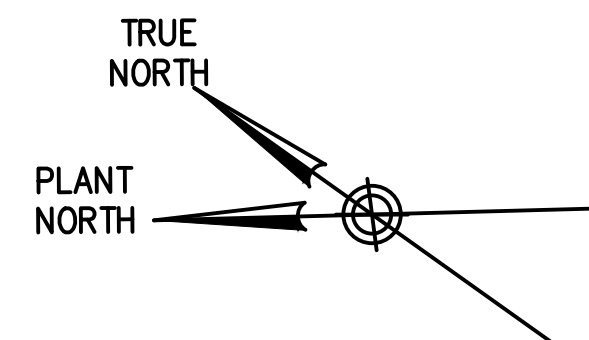
REPURPOSING OF THE KENSICO LABORATORY AS
 THE KENSICO REGIONAL HEADQUARTERS
 MOUNT PLEASANT, NEW YORK
 CONTRACT CRO-624
 SECURITY SYSTEM
 FIRST FLOOR PLAN

DATE: MAY 2023
SCALE:
SHEET NO: 114 OF No. 121
DRAWING NO. SC-102

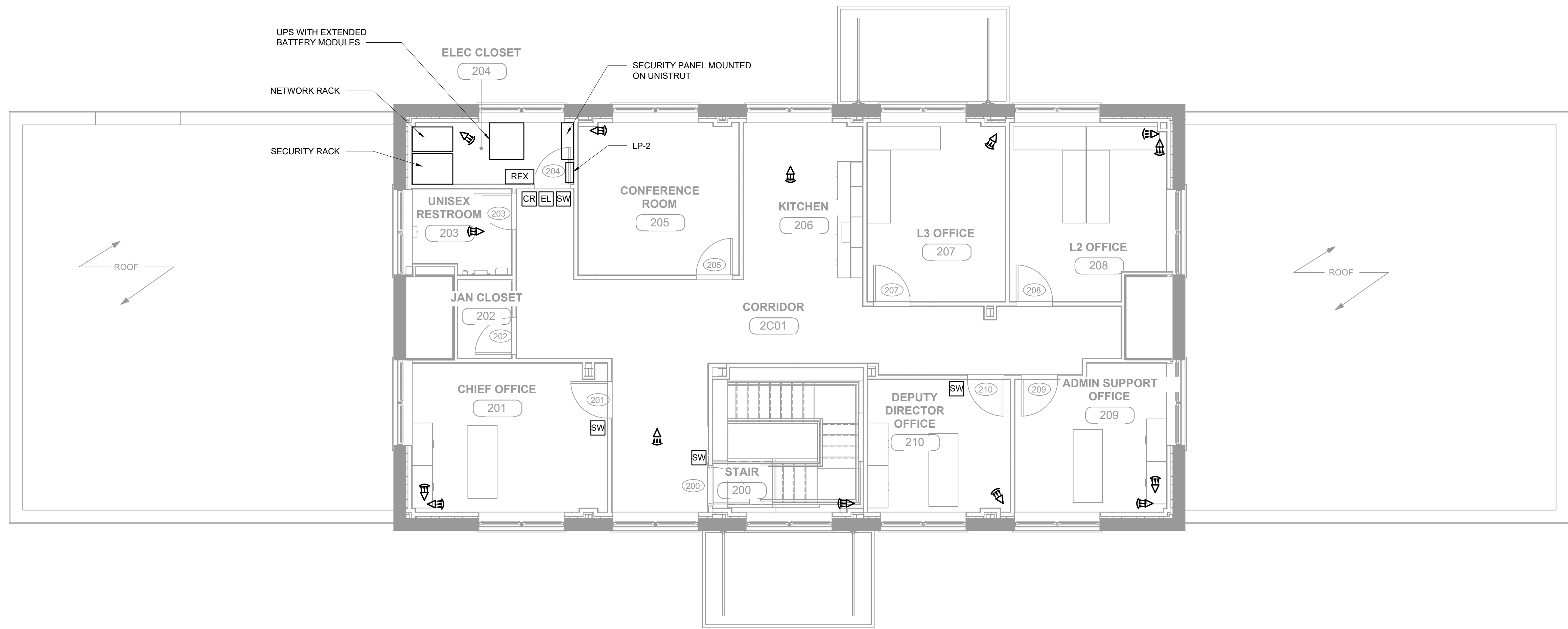
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LEGEND

- CR CARD READER
- SW MAGNETIC MONITOR SWITCH
- EL ELECTRIC LOCKSETS
- M SCREEN MONITOR
- MOTION DETECTOR



- NOTES:**
1. PROVIDE INTRUSION DETECTION TAMPER SWITCHES FOR SECURITY PANEL, THE SECURITY NETWORK RACK, AND THE NETWORK RACK.
 2. MOTION DETECTORS SHALL BE MOUNTED FACING WINDOWS.



**SECURITY SYSTEM PLAN
SECOND FLOOR**

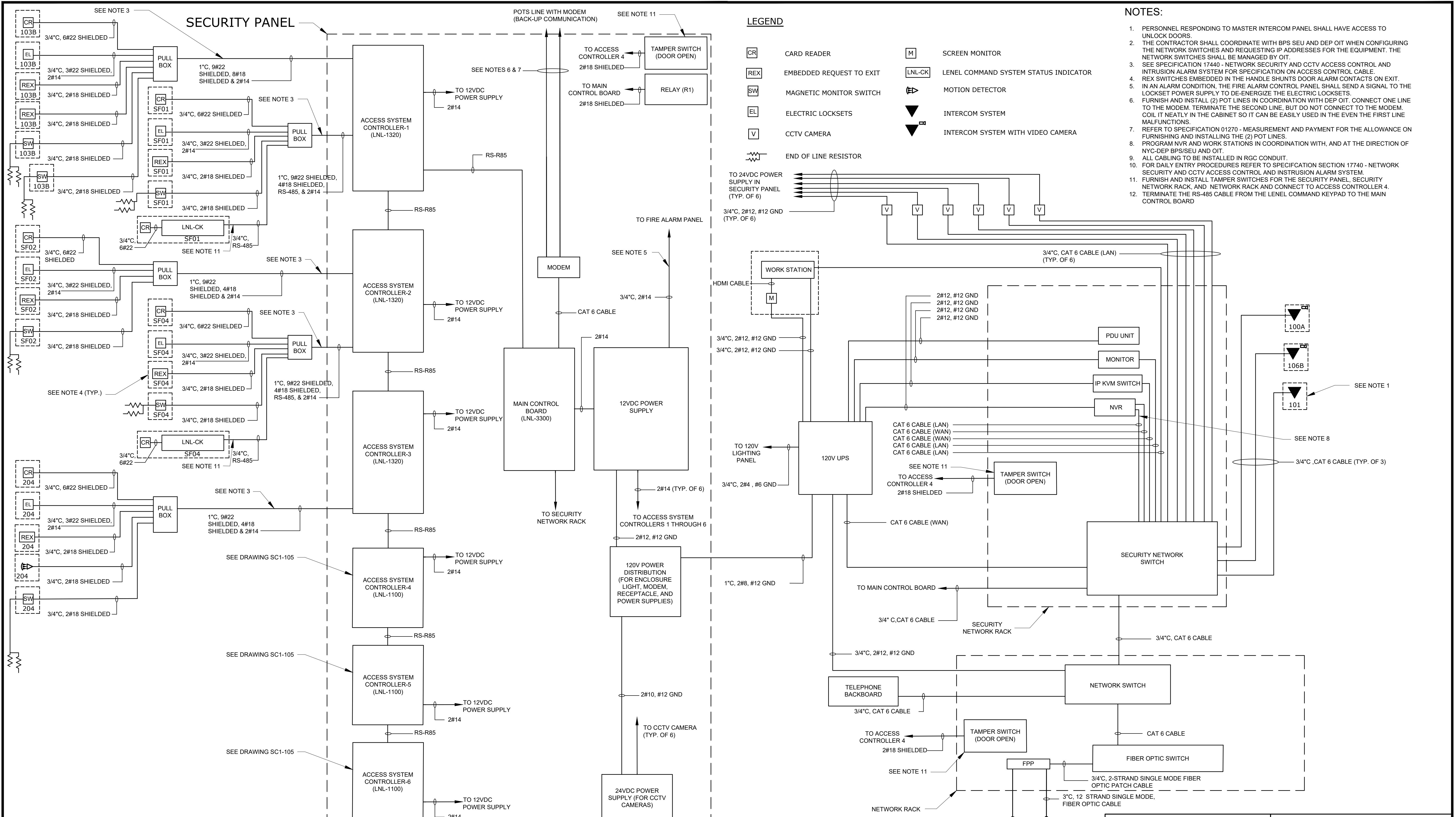


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DATE: MAY 2023 SCALE: SHEET NO: 115 OF No. 121 DRAWING NO. SC-103	

	DESIGNED BY: P. NUGENT	DRAWN BY: P. NUGENT		ACCOUNTABLE MANAGER JOSE NIEVES	*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION 7209.2.*
	CHECKED BY: H. HARRY	DESIGN LEAD: EDWARD BARBOE, P.E.		PROJECT MANAGER MARK DELBALZO, P.E.	
					NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY 465 COLUMBUS AVENUE, SUITE 270 VALHALLA, NEW YORK 10595-1336 www.nyc.gov/dep
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D		

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LEGEND

- CR** CARD READER
- REX** EMBEDDED REQUEST TO EXIT
- SW** MAGNETIC MONITOR SWITCH
- EL** ELECTRIC LOCKSETS
- V** CCTV CAMERA
- M** SCREEN MONITOR
- LNL-CK** LENEL COMMAND SYSTEM STATUS INDICATOR
- ED** MOTION DETECTOR
- INTERCOM SYSTEM**
- INTERCOM SYSTEM WITH VIDEO CAMERA**

NOTES:

1. PERSONNEL RESPONDING TO MASTER INTERCOM PANEL SHALL HAVE ACCESS TO UNLOCK DOORS.
2. THE CONTRACTOR SHALL COORDINATE WITH BPS SEU AND DEP OIT WHEN CONFIGURING THE NETWORK SWITCHES AND REQUESTING IP ADDRESSES FOR THE EQUIPMENT. THE NETWORK SWITCHES SHALL BE MANAGED BY OIT.
3. SEE SPECIFICATION 17440 - NETWORK SECURITY AND CCTV ACCESS CONTROL AND INTRUSION ALARM SYSTEM FOR SPECIFICATION ON ACCESS CONTROL CABLE.
4. REX SWITCHES EMBEDDED IN THE HANDLE SHUNTS DOOR ALARM CONTACTS ON EXIT. IN AN ALARM CONDITION, THE FIRE ALARM CONTROL PANEL SHALL SEND A SIGNAL TO THE LOCKSET POWER SUPPLY TO DE-ENERGIZE THE ELECTRIC LOCKSETS.
5. FURNISH AND INSTALL (2) POT LINES IN COORDINATION WITH DEP OIT. CONNECT ONE LINE TO THE MODEM. TERMINATE THE SECOND LINE, BUT DO NOT CONNECT TO THE MODEM. COIL IT NEATLY IN THE CABINET SO IT CAN BE EASILY USED IN THE EVENT THE FIRST LINE MALFUNCTIONS.
6. REFER TO SPECIFICATION 01270 - MEASUREMENT AND PAYMENT FOR THE ALLOWANCE ON FURNISHING AND INSTALLING THE (2) POT LINES.
7. PROGRAM NVR AND WORK STATIONS IN COORDINATION WITH, AND AT THE DIRECTION OF NYC-DEP BPS/SEU AND OIT.
8. ALL CABLING TO BE INSTALLED IN RGC CONDUIT.
9. FOR DAILY ENTRY PROCEDURES REFER TO SPECIFICATION SECTION 17740 - NETWORK SECURITY AND CCTV ACCESS CONTROL AND INTRUSION ALARM SYSTEM.
10. FURNISH AND INSTALL TAMPER SWITCHES FOR THE SECURITY PANEL, SECURITY NETWORK RACK, AND NETWORK RACK AND CONNECT TO ACCESS CONTROLLER 4.
11. TERMINATE THE RS-485 CABLE FROM THE LENEL COMMAND KEYPAD TO THE MAIN CONTROL BOARD

SECURITY AND CCTV RISER DIAGRAM 1

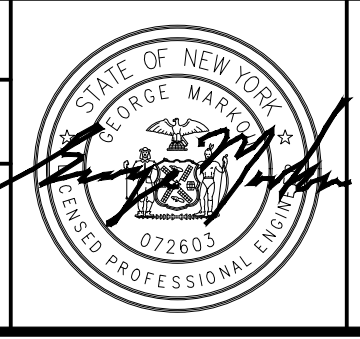
BID SET

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
P. NUGENT
CHECKED BY:
H. HARRY

DRAWN BY:
P. NUGENT
DESIGN LEAD:
EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PROJECT MANAGER
MARK DELBALZO, P.E.

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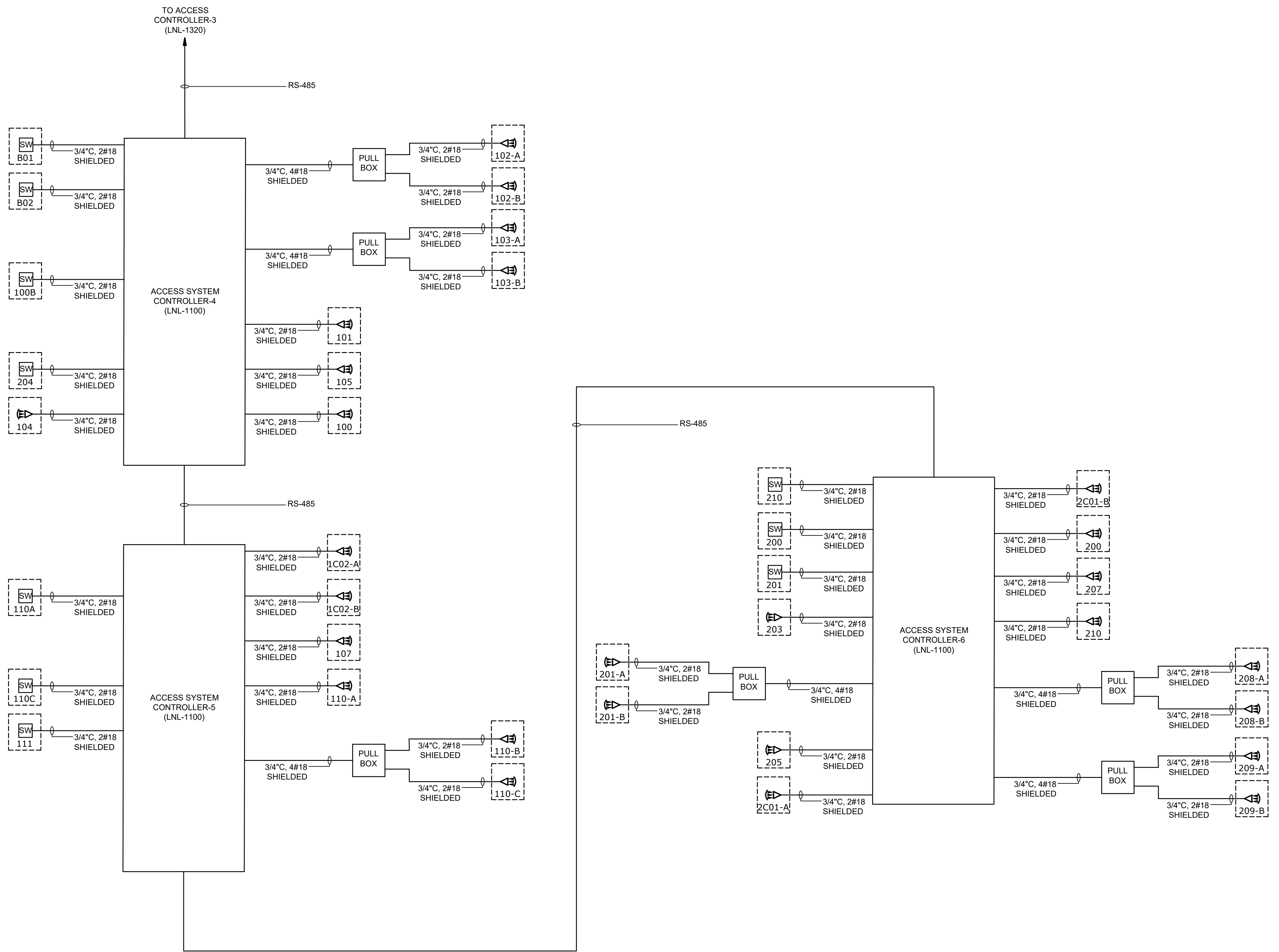
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624
SECURITY SYSTEM
RISER DIAGRAM 1

DATE: MAY 2023
SCALE:
SHEET NO: 116 OF No. 121
DRAWING NO: SC-104

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Water Supply.

LEGEND

-  MAGNETIC MONITOR SWITCH
-  MOTION DETECTOR

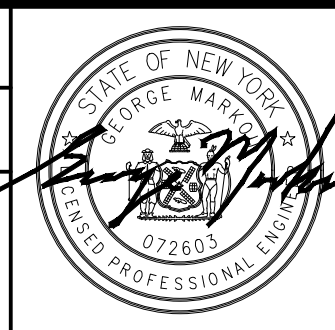


**SECURITY AND CCTV
RISER DIAGRAM 2**

BID SET	
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CHECKED BY: H. HARRY	DESIGN LEAD: EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PROJECT MANAGER MARK DELBALZO, P.E.

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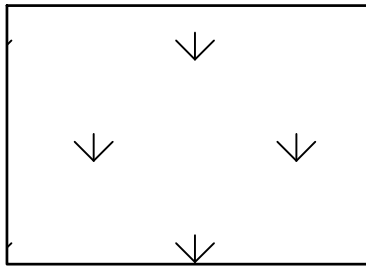
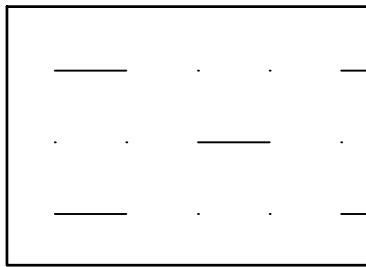
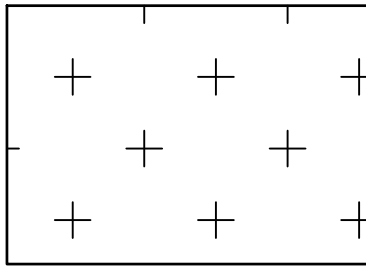
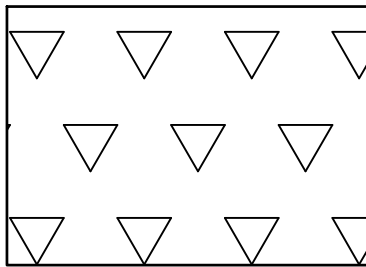
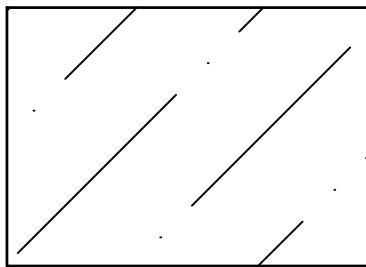
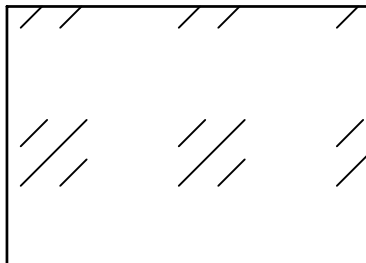
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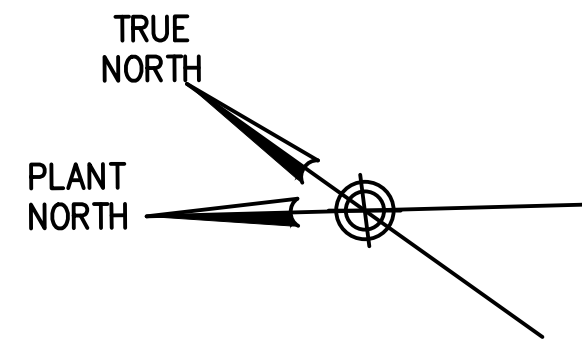
REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624
SECURITY SYSTEM
RISER DIAGRAM 2

DATE: MAY 2023
SCALE:
SHEET NO: 117 OF No. 121
DRAWING NO. SC-105

File: C:\BMS\VAZEN-PM\01010316\SC1-105.rvt Saved by PNUGENT Save date: 7/20/2022 5:28 PM

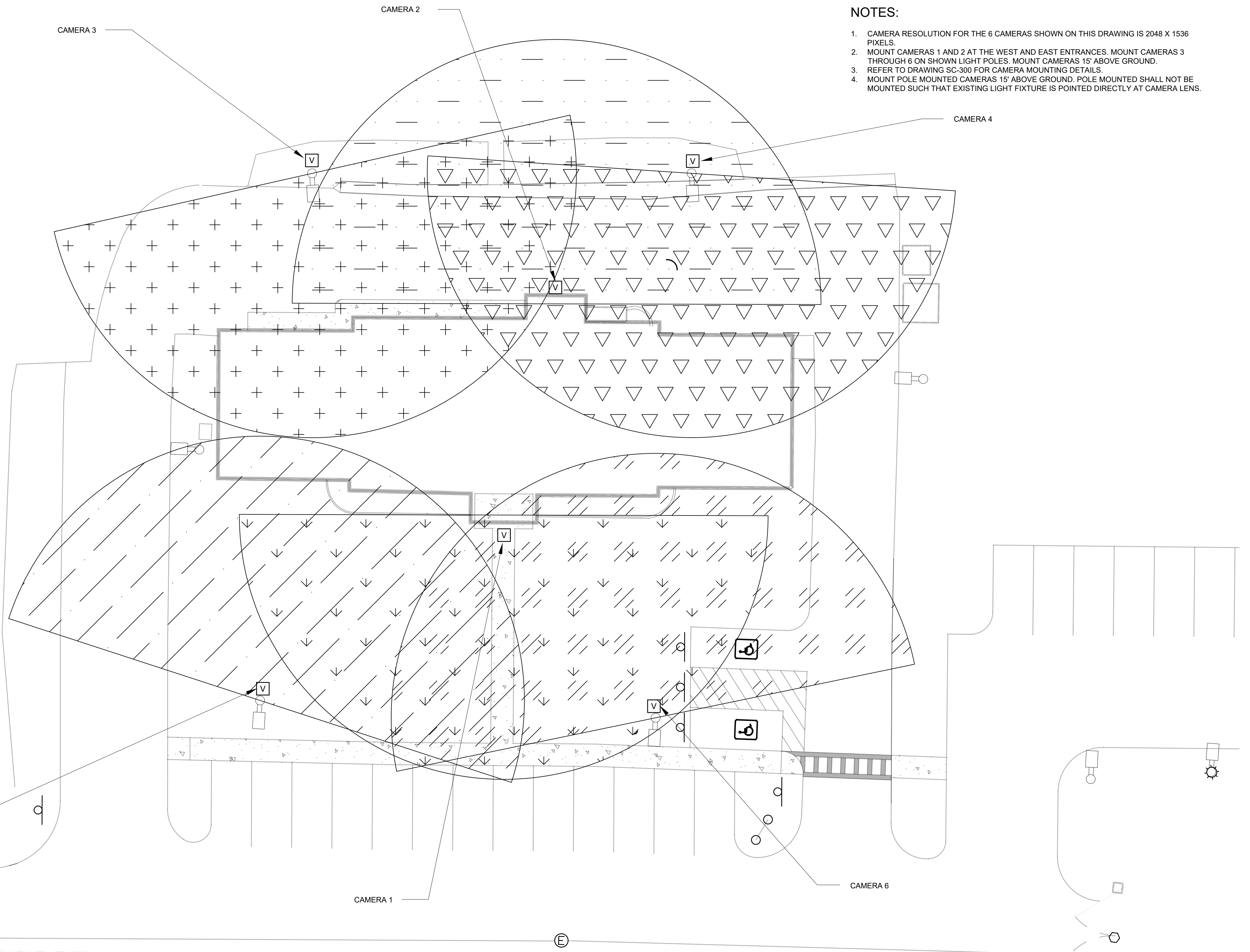
LEGEND

-  VIDEO CAMERA
-  AREA COVERED BY CAMERA 1
-  AREA COVERED BY CAMERA 2
-  AREA COVERED BY CAMERA 3
-  AREA COVERED BY CAMERA 4
-  AREA COVERED BY CAMERA 5
-  AREA COVERED BY CAMERA 6

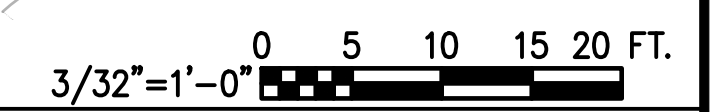


NOTES:

1. CAMERA RESOLUTION FOR THE 6 CAMERAS SHOWN ON THIS DRAWING IS 2048 X 1536 PIXELS.
2. MOUNT CAMERAS 1 AND 2 AT THE WEST AND EAST ENTRANCES. MOUNT CAMERAS 3 THROUGH 6 ON SHOWN LIGHT POLES. MOUNT CAMERAS 15' ABOVE GROUND.
3. REFER TO DRAWING SC-300 FOR CAMERA MOUNTING DETAILS.
4. MOUNT POLE MOUNTED CAMERAS 15' ABOVE GROUND. POLE MOUNTED SHALL NOT BE MOUNTED SUCH THAT EXISTING LIGHT FIXTURE IS POINTED DIRECTLY AT CAMERA LENS.



**CCTV PLAN
FIRST FLOOR**



BID SET

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IT IS A REDUCED PRINT.
SCALE ACCORDINGLY

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: P. NUGENT CHECKED BY: H. HARRY	DRAWN BY: P. NUGENT DESIGN LEAD: EDWARD BARBOE, P.E.
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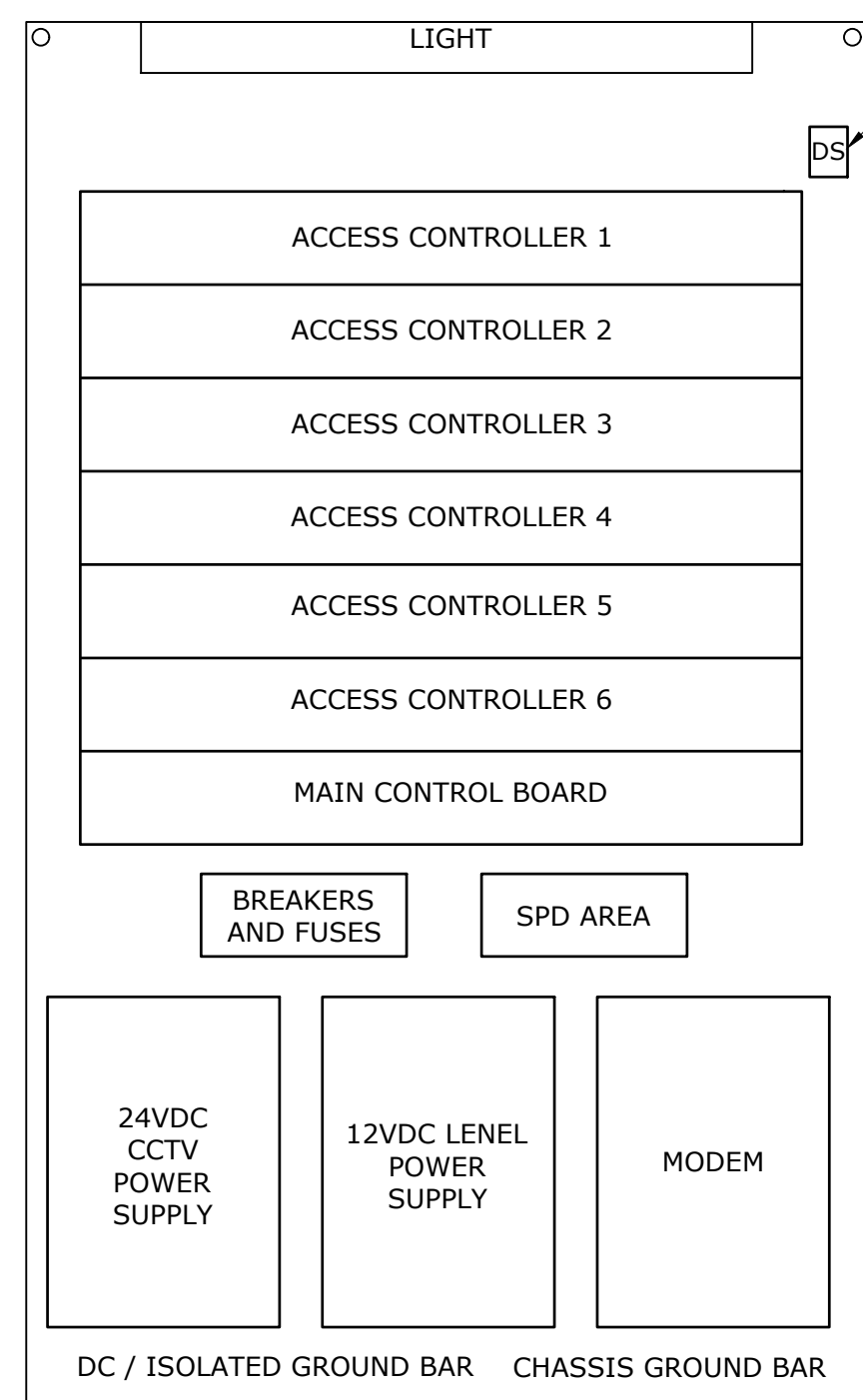
ACCOUNTABLE MANAGER JOSE NIEVES PROJECT MANAGER MARK DELBALZO, P.E.	*WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION 7209.2.*
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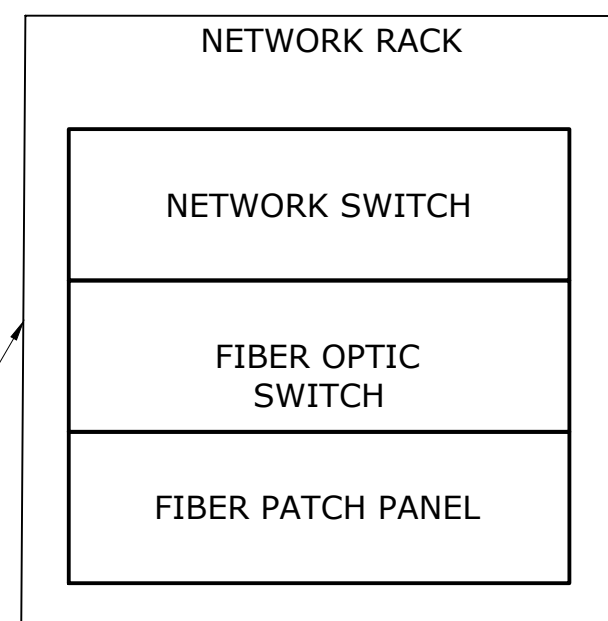
REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624
SECURITY SYSTEM
OUTDOOR CCTV COVERAGE

DATE: MAY 2023
SHEET NO: 118 OF No. 121
DRAWING NO. SC-106

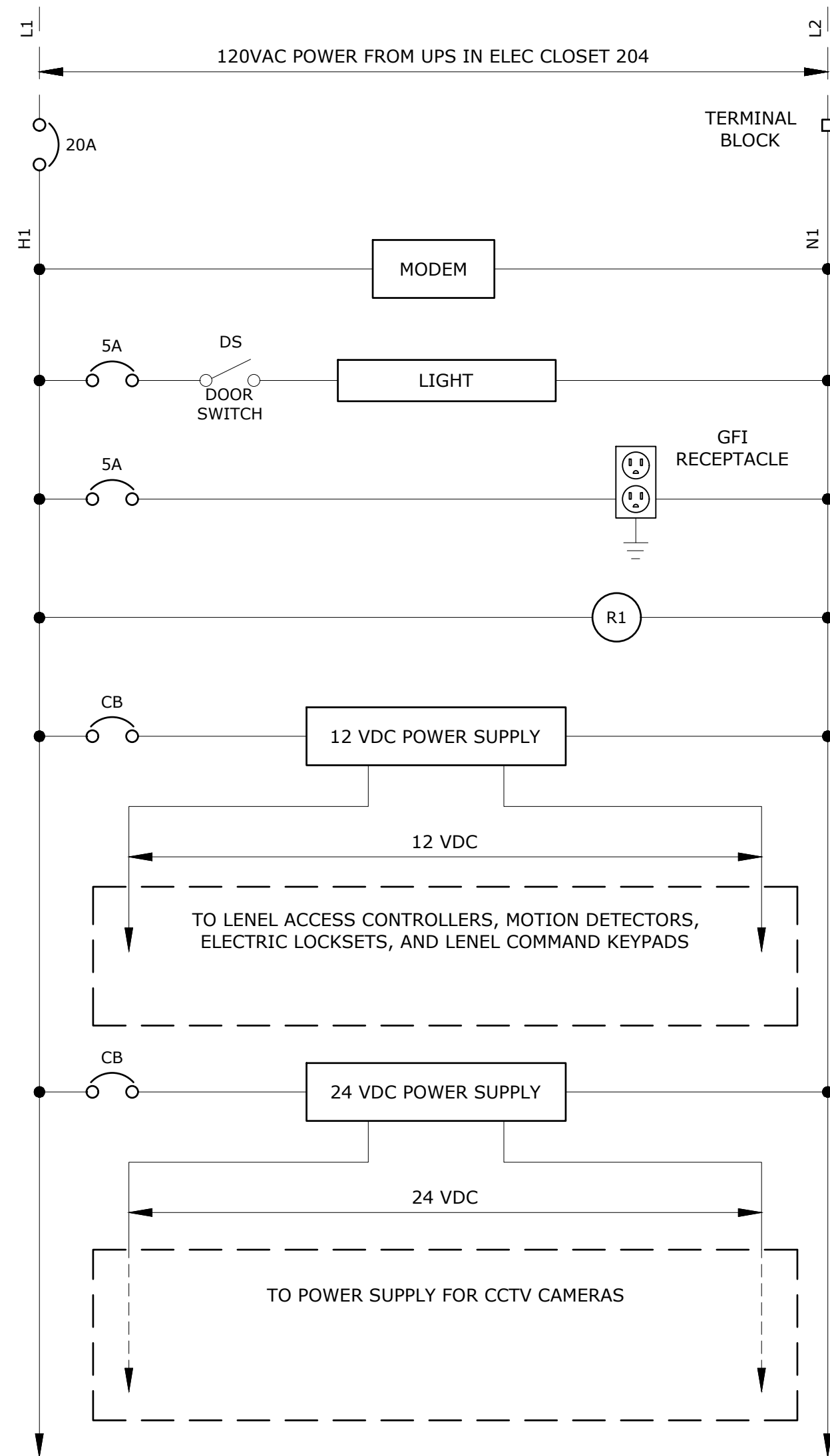
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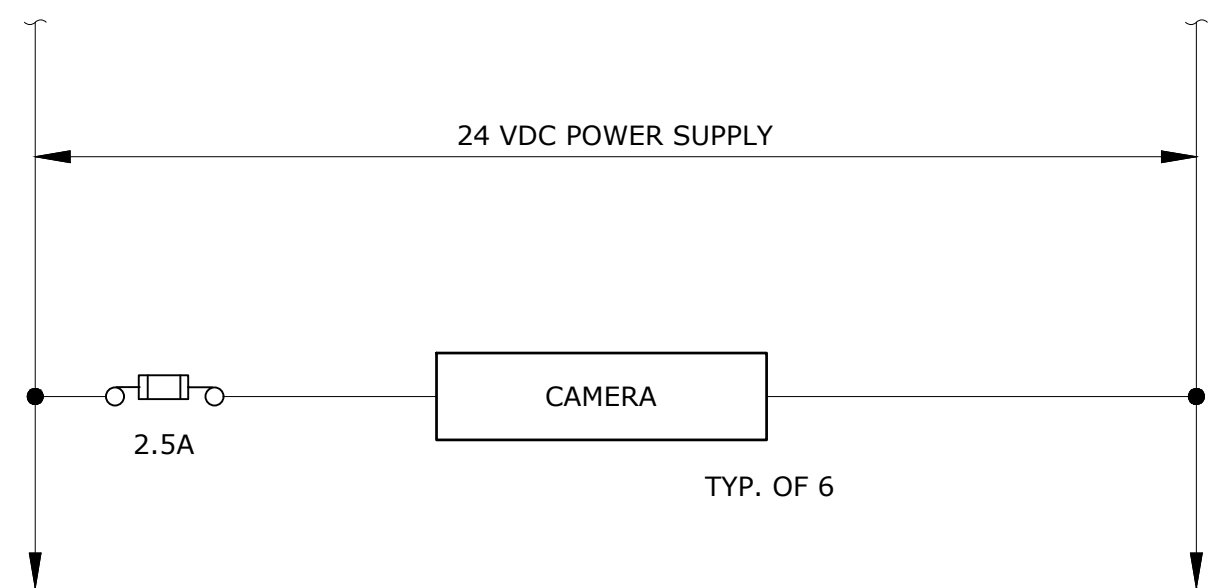
**PANEL LAYOUT
SECURITY PANEL**
NTS



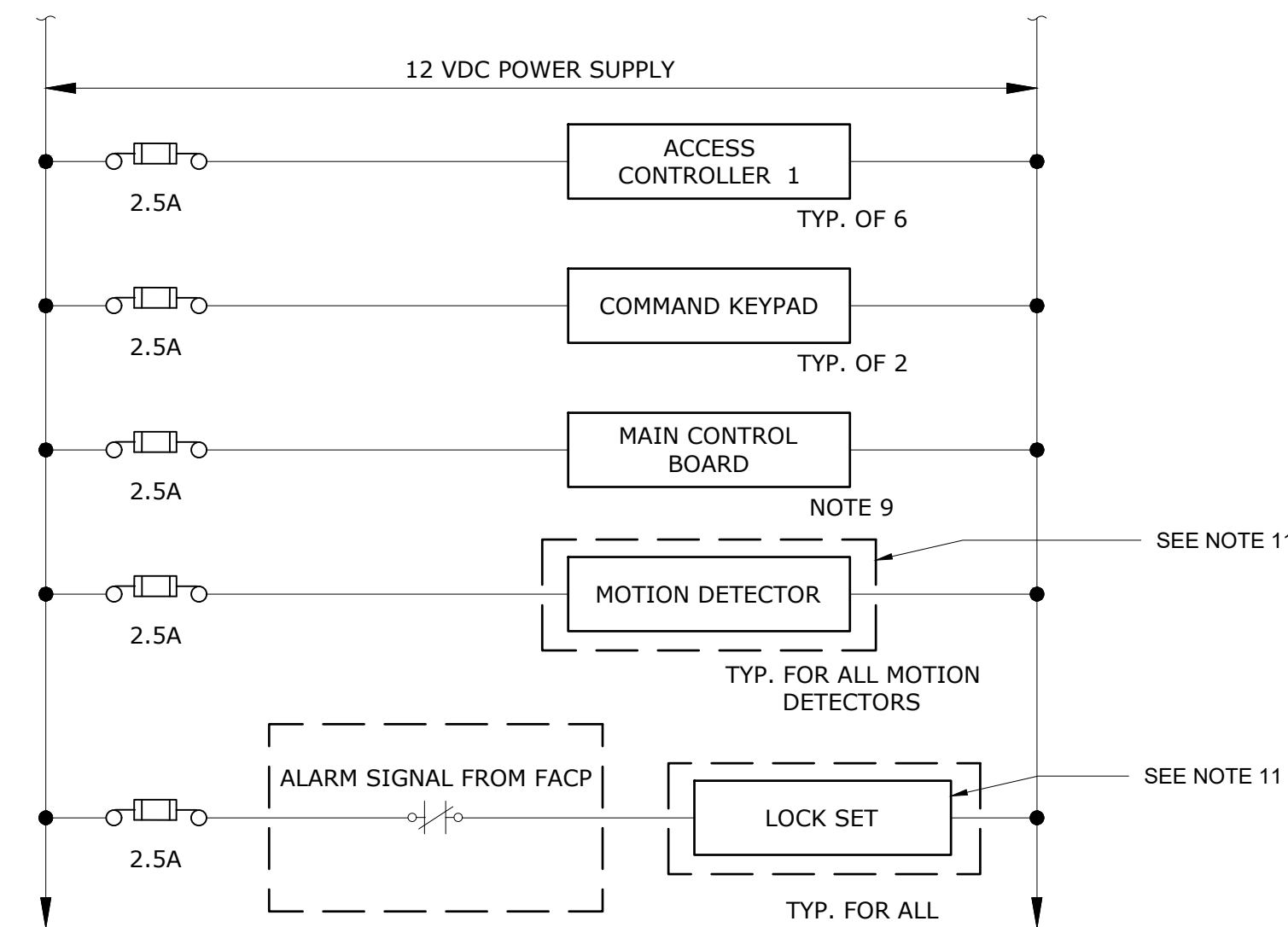
**NETWORK RACK
LAYOUT**
NTS



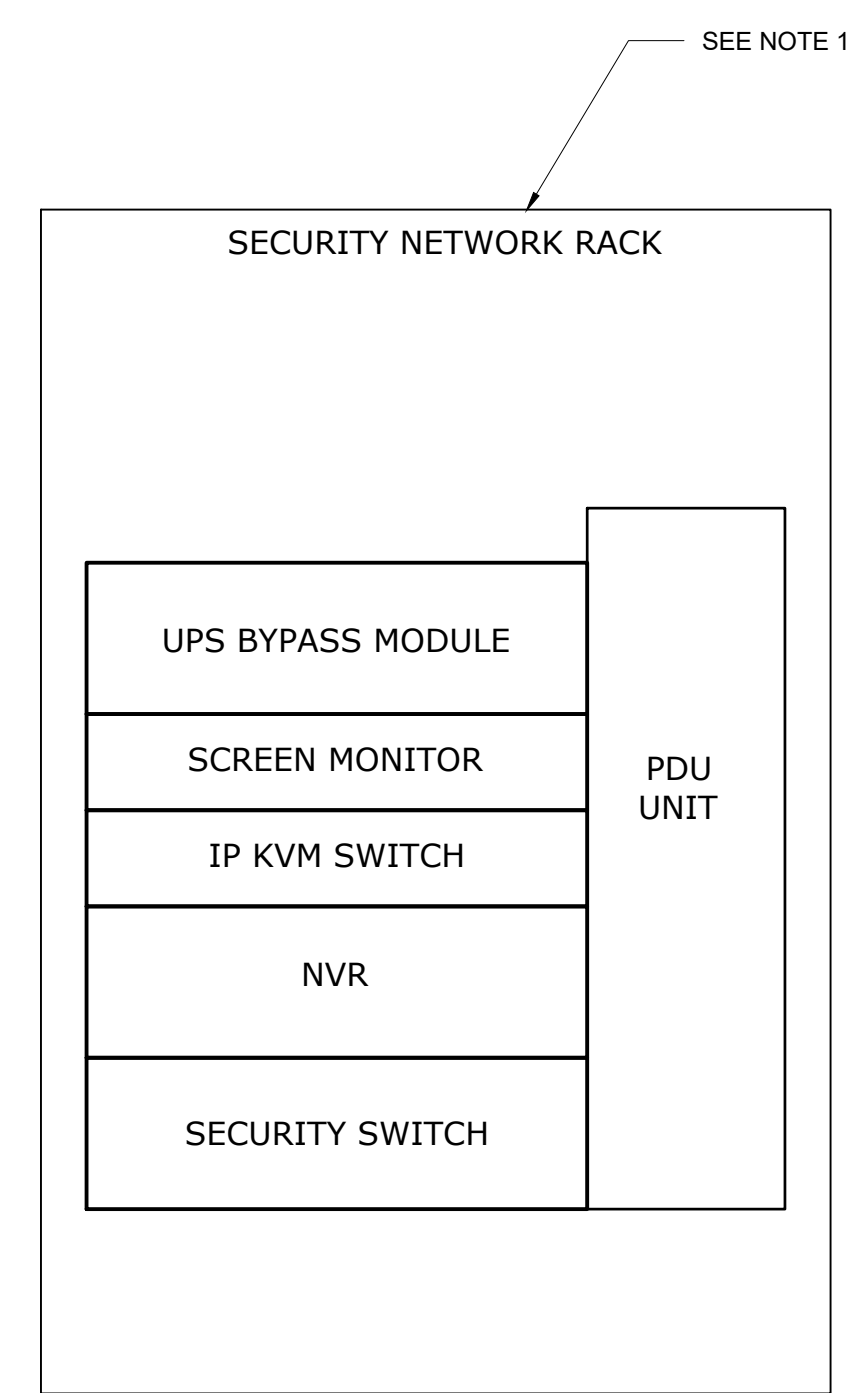
SECURITY PANEL POWER WIRING DIAGRAM
NTS



CCTV CAMERA POWER WIRING (24VDC)
NTS



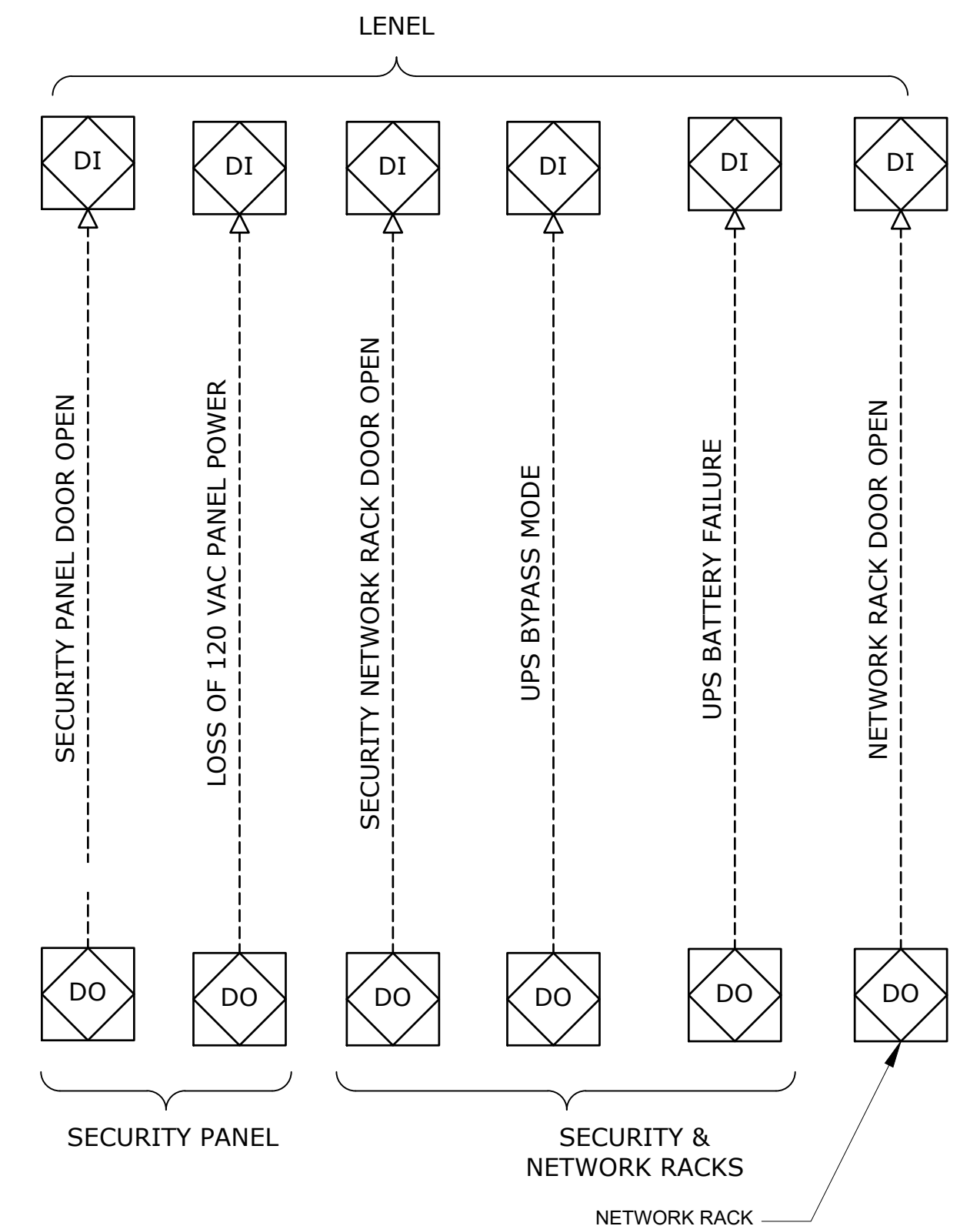
SECURITY DEVICE WIRING DIAGRAM (12VDC)
NTS



**SECURITY NETWORK RACK
LAYOUT**
NTS

NOTES:

1. PROVIDE BOTH 12VDC AND 24VDC POWER SUPPLIES.
2. PANELS AND ENCLOSURES TO BE SIZED TO ACCOMMODATE ALL REQUIRED EQUIPMENT. MINIMUM PANEL SIZE 36" X 36" X 8"
3. NEMA 4X RATING. ALL PENETRATIONS MUST BE ON THE BOTTOM OF THE PANEL.
4. ALL CONNECTIONS FROM OUTSIDE OF A BUILDING MUST BE PROTECTED BY A SPD.
5. PROVIDE TAMPER SWITCH ON BOTH THE SECURITY NETWORK RACK AND THE IT NETWORK RACK. CONNECT TAMPER SWITCHES BACK TO LENE. RACKS NOT SHOWN.
6. PROVIDE PROTECTION FOR BARE CIRCUIT BOARDS. SEE SPECIFICATION.
7. WHERE BREAKER SIZING IS NOT INDICATED, SIZE BREAKERS AS REQUIRED.
8. WHERE FUSE SIZING IS NOT INDICATED, SIZE FUSES AS REQUIRED.
9. WIRES AND CABLES ARE NOT TO BE EXPOSED AND ARE TO BE INSTALLED WITHIN RGS CONDUIT.
10. THE SECURITY NETWORK RACK AND NETWORK RACK SHALL BE AN OPEN FOUR POST RACK TYPE.
11. FOR DEVICE LOCATIONS SEE DRAWINGS SC-102 AND SC-103.



INPUT AND OUTPUTS
NTS

BID SET	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
	REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 SECURITY SYSTEM PANEL LAYOUTS
DATE: MAY 2023	SCALE: NONE
SHEET NO: 119 OF No. 121	DRAWING NO. SC-107

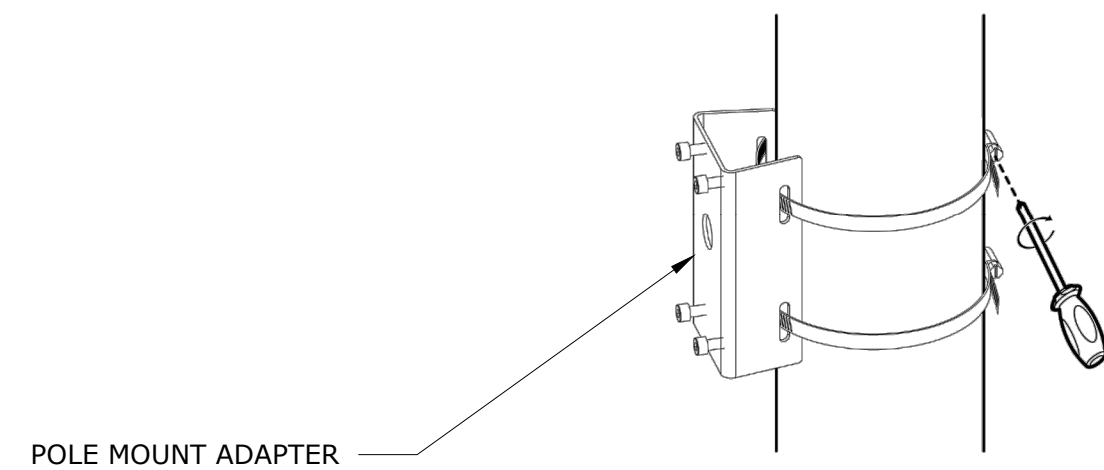
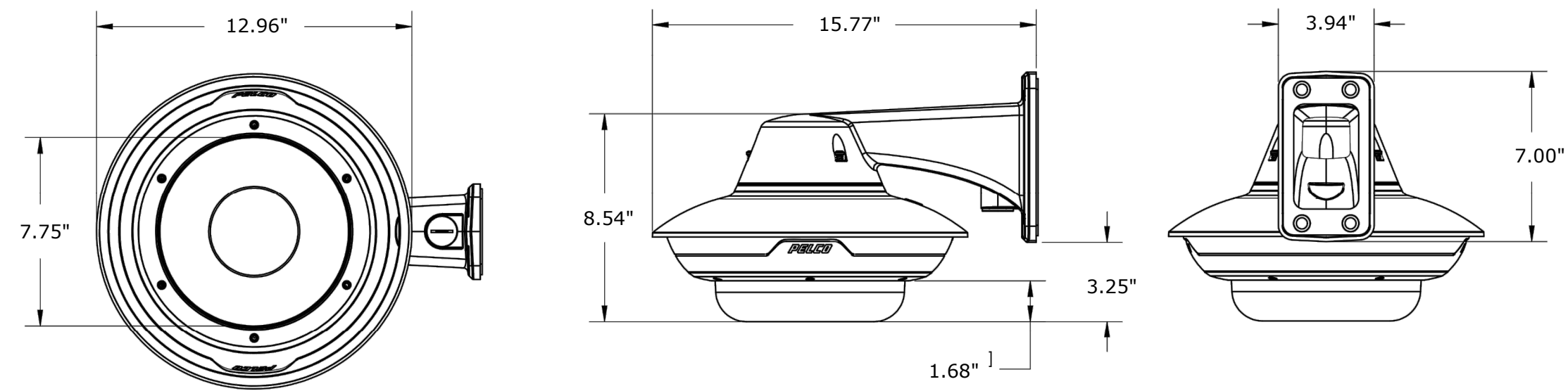
DESIGNED BY: P. NUGENT	DRAWN BY: P. NUGENT
CHECKED BY: H. HARRY	DESIGN LEAD: EDWARD BARBOE, P.E.



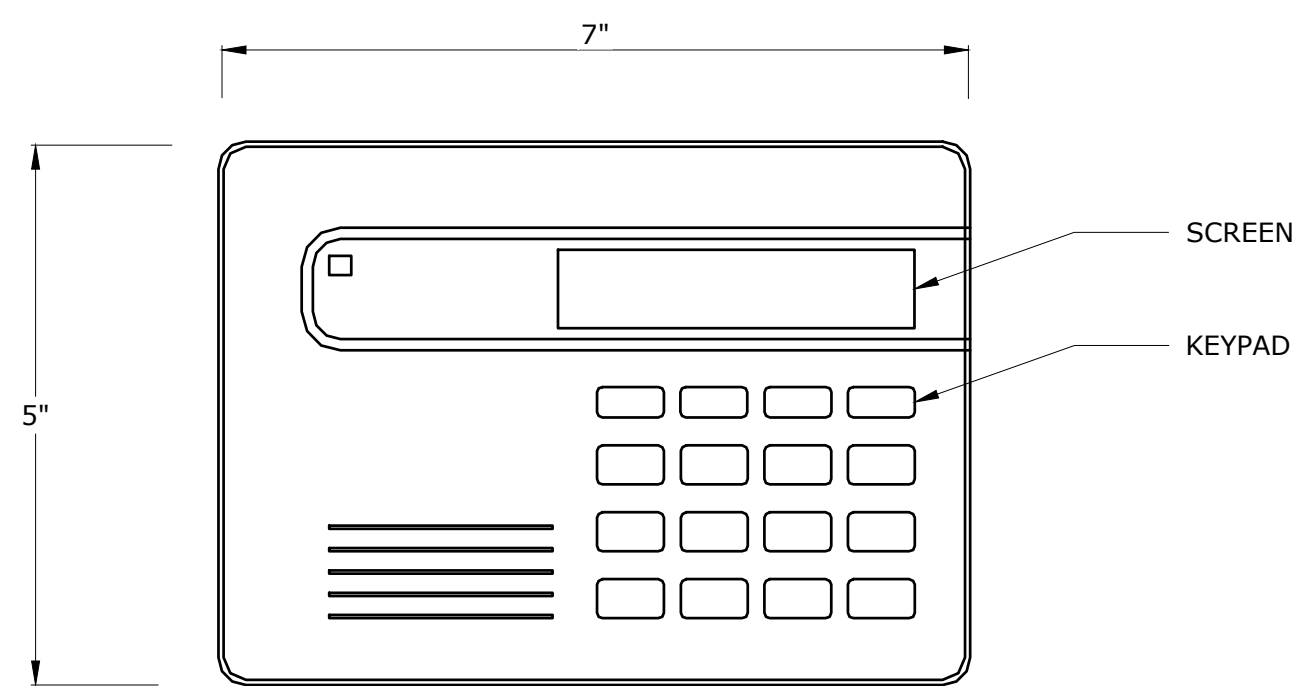
ACCOUNTABLE MANAGER
JOSE NIEVES
PROJECT MANAGER
MARK DELBALZO, P.E.

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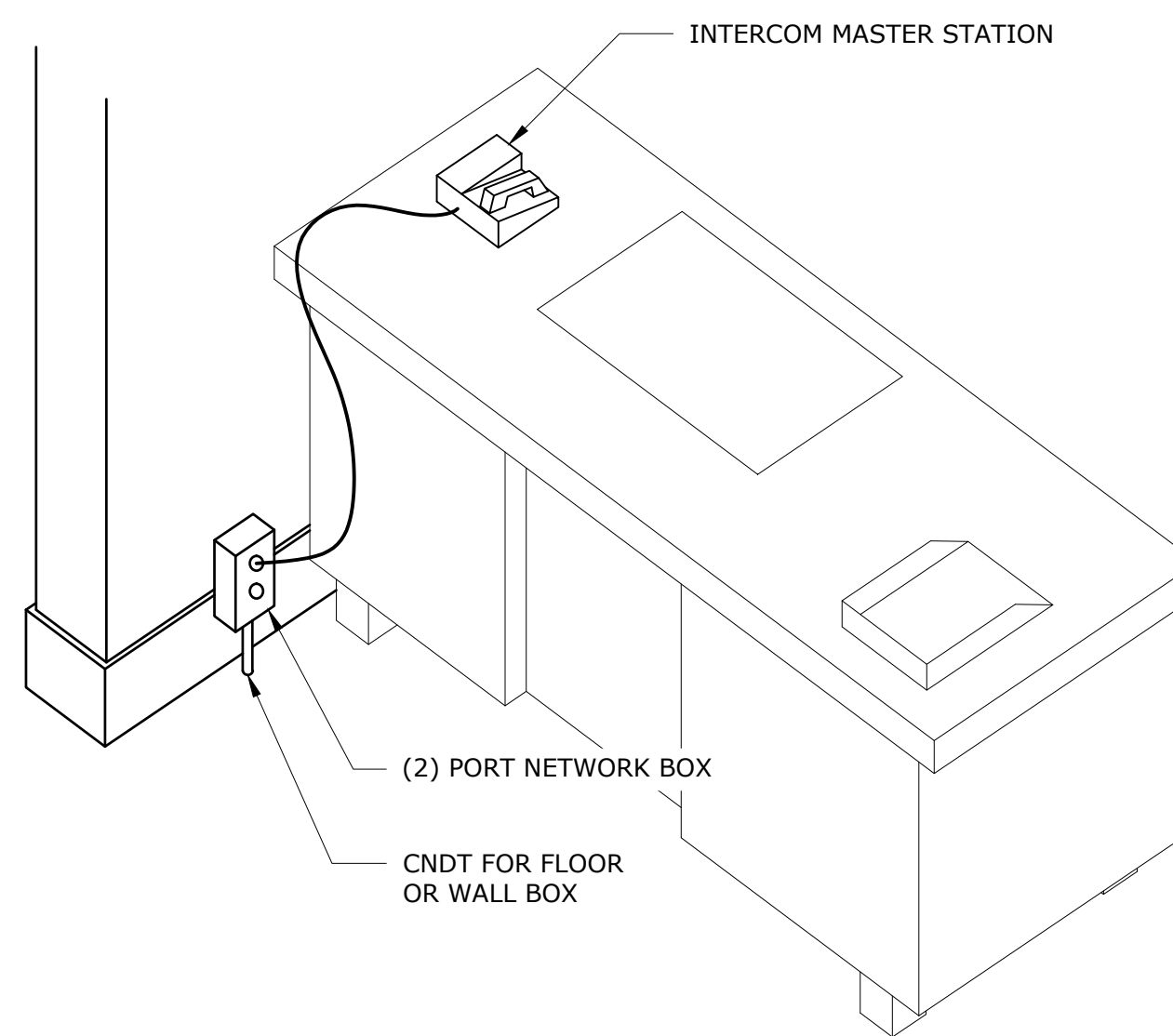
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A EXTERIOR POLE MOUNT DOME CAMERA
SC1-102 SCALE: NTS

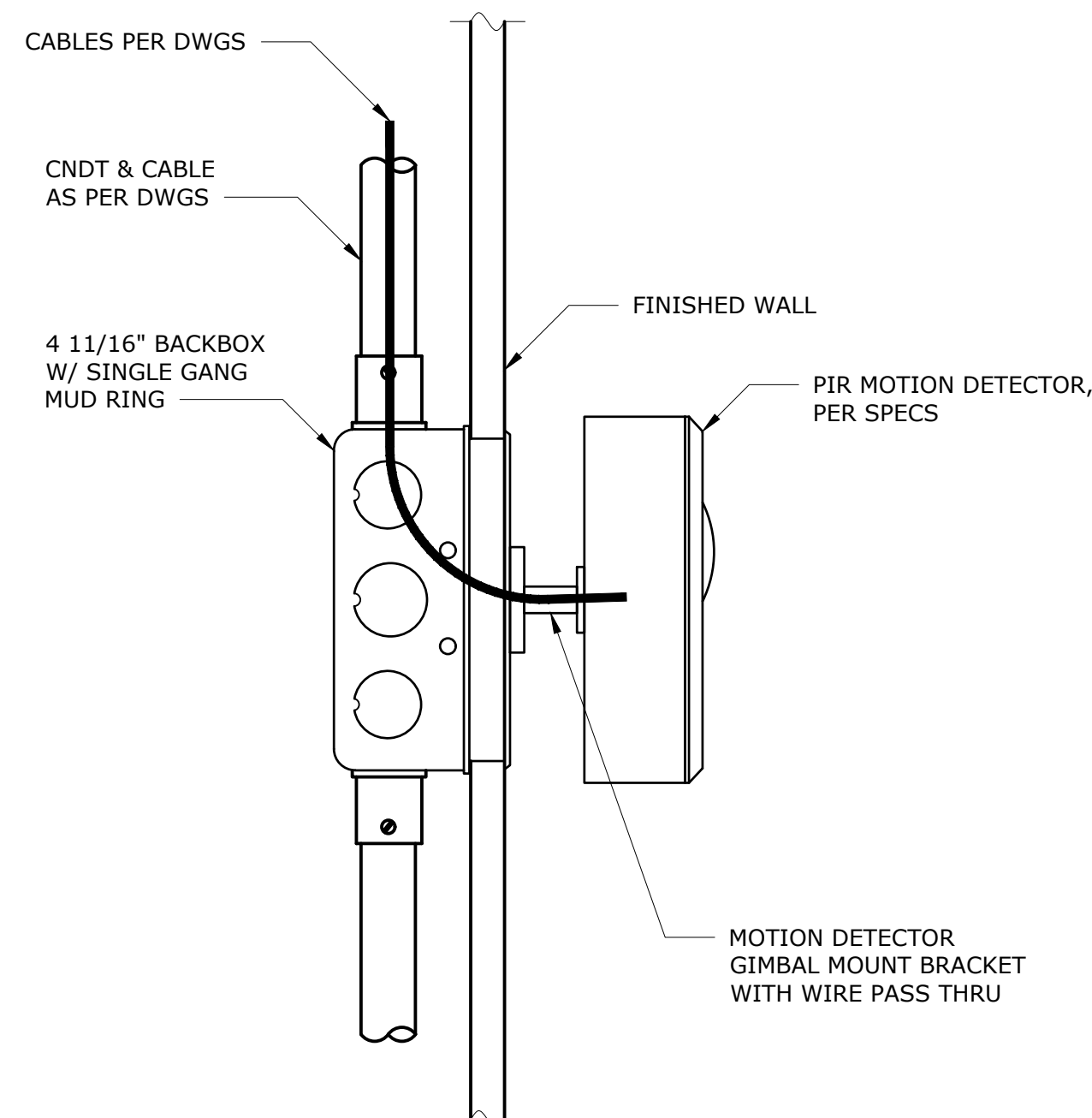


D LENEL COMMAND KEYPAD
SC1-102 SCALE: NTS



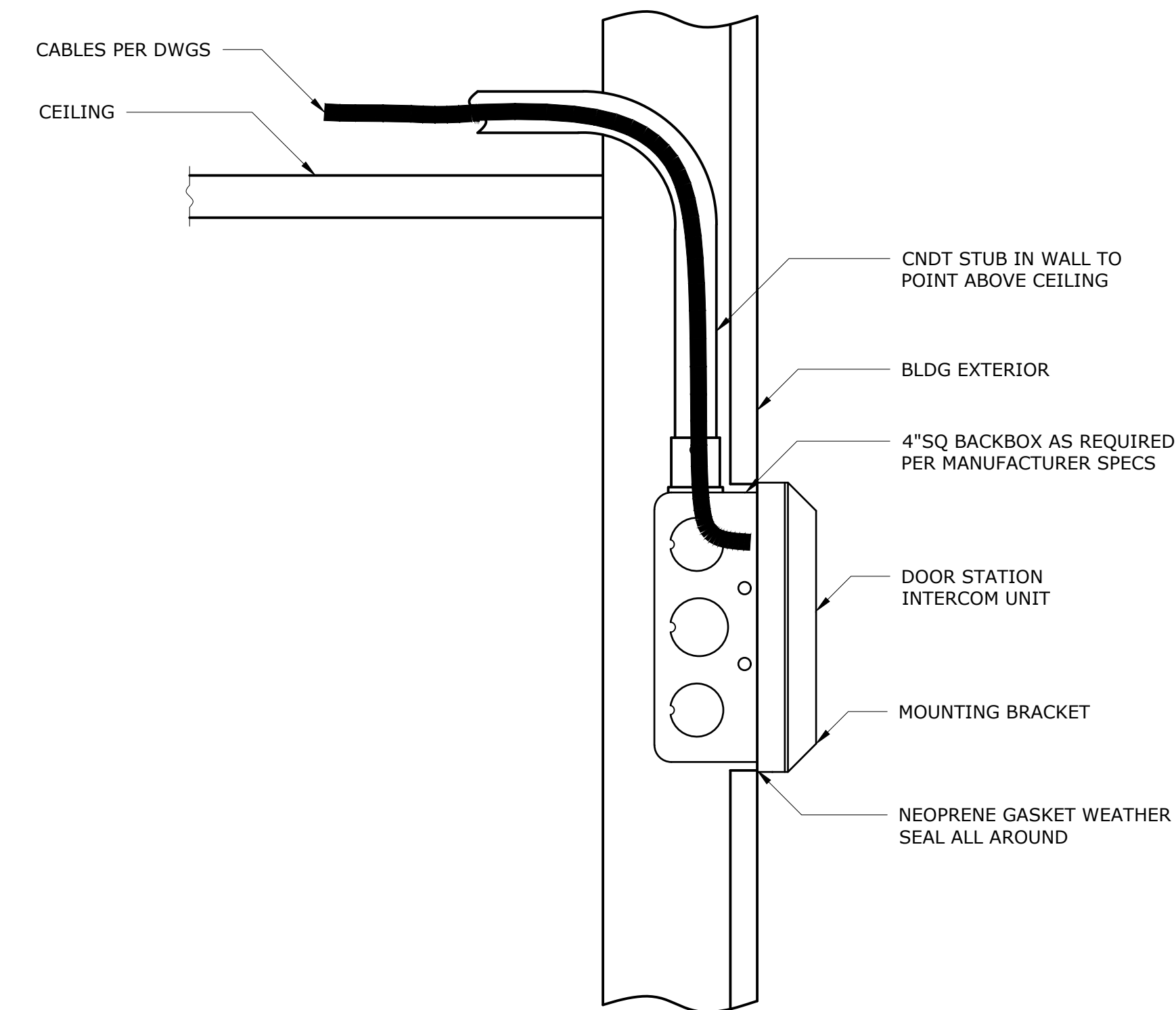
NOTE:
PROVIDE FLUSH MOUNT JUNCTION BOXES WHERE POSSIBLE.

B INTERCOM MASTER STATION
SC1-100 SCALE: NTS



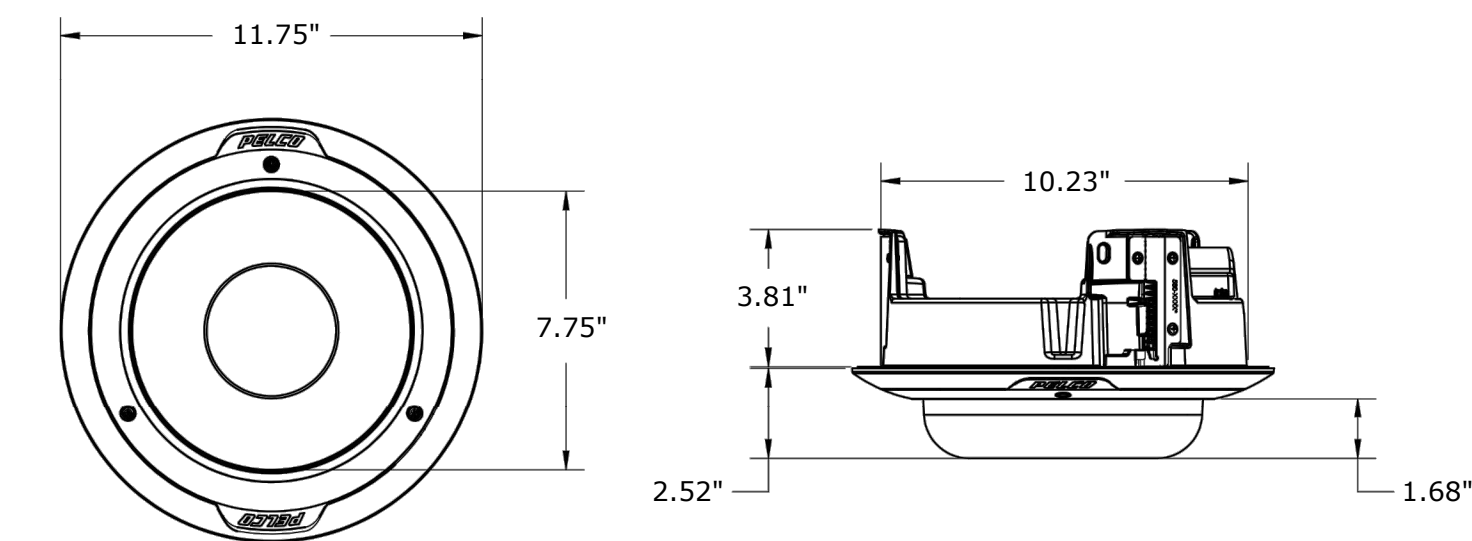
NOTE: MOUNT ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
FLUSH MOUNT CUSTOM LED PLATE & ENGRAVING SATIN STAINLESS STEEL PLATE BLACK TEXT

E MOTION DETECTOR
SC1-102 SCALE: NTS



NOTE: PROVIDE STANDARD 4\"/>

C INTERCOM DOOR STATION
SC1-100 SCALE: NTS



F CEILING MOUNT DOME CAMERA
SC1-102 SCALE: NTS

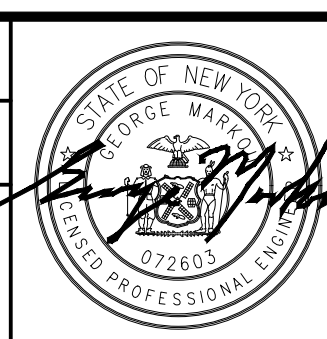
- NOTES:**
1. SEE MOUNTING BRACKET, AND CAMERA SPECIFICATIONS FOR ACTUAL DIMENSIONS AND MOUNTING HARDWARE REQUIRED.
 2. ROUTE CAMERA CONDUIT AND CABLES TO NEAREST POSSIBLE PENETRATION POINT TO ENTER THE BUILDING. WATER PROOF THE PENETRATION.

BID SET	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
	DATE: MAY 2023
REPURPOSING OF THE KENSICO LABORATORY AS THE KENSICO REGIONAL HEADQUARTERS MOUNT PLEASANT, NEW YORK CONTRACT CRO-624 SECURITY SYSTEM MOUNTING DETAILS 1	
SCALE:	
SHEET NO: 120 OF No. 121	
DRAWING NO. SC-300	

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY:
Y. ABDALLA
CHECKED BY:
H. HARRY

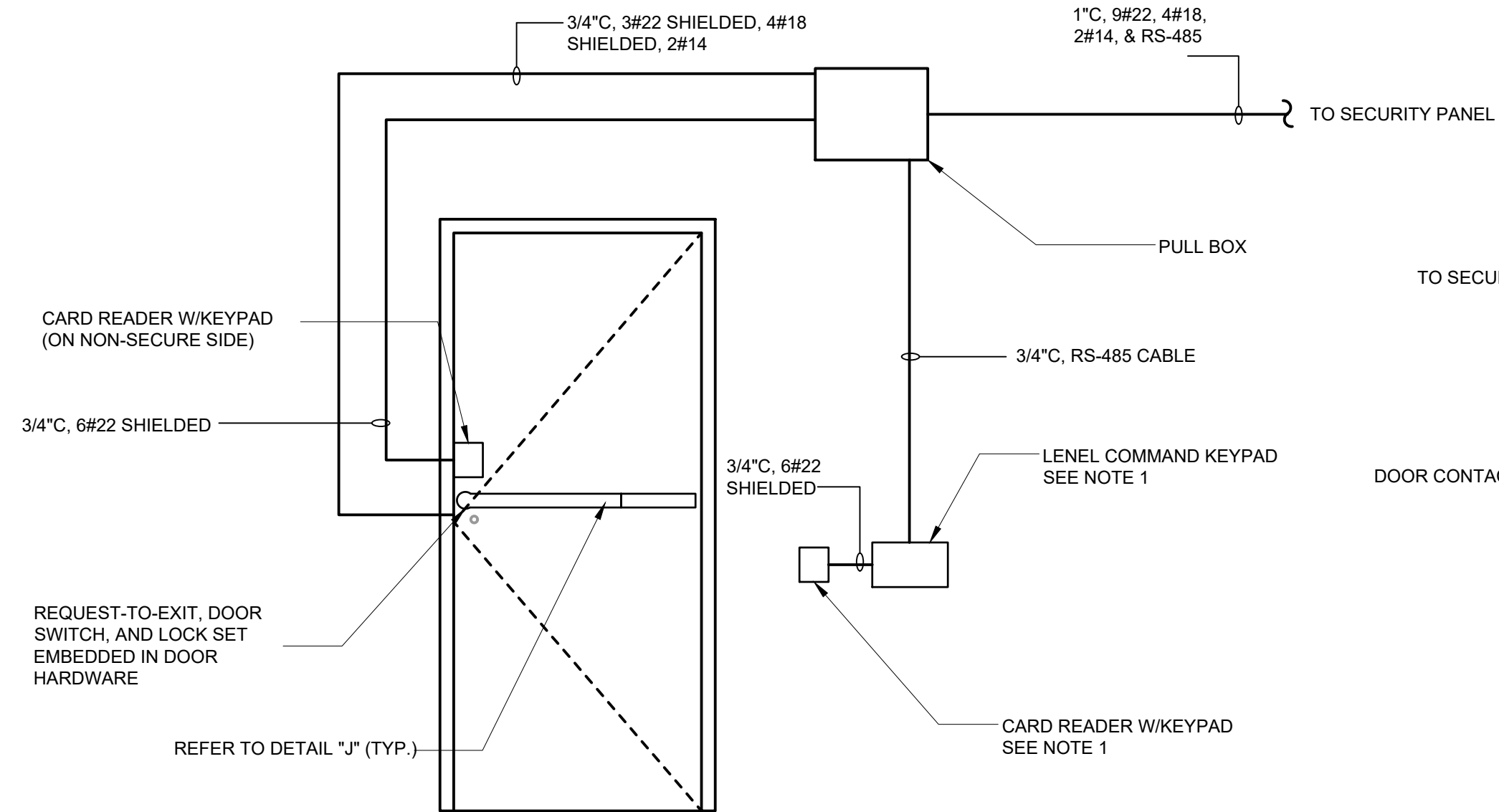
DRAWN BY:
Y. ABDALLA
DESIGN LEAD:
EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER
JOSE NIEVES
PROJECT MANAGER
MARK DELBALZO, P.E.

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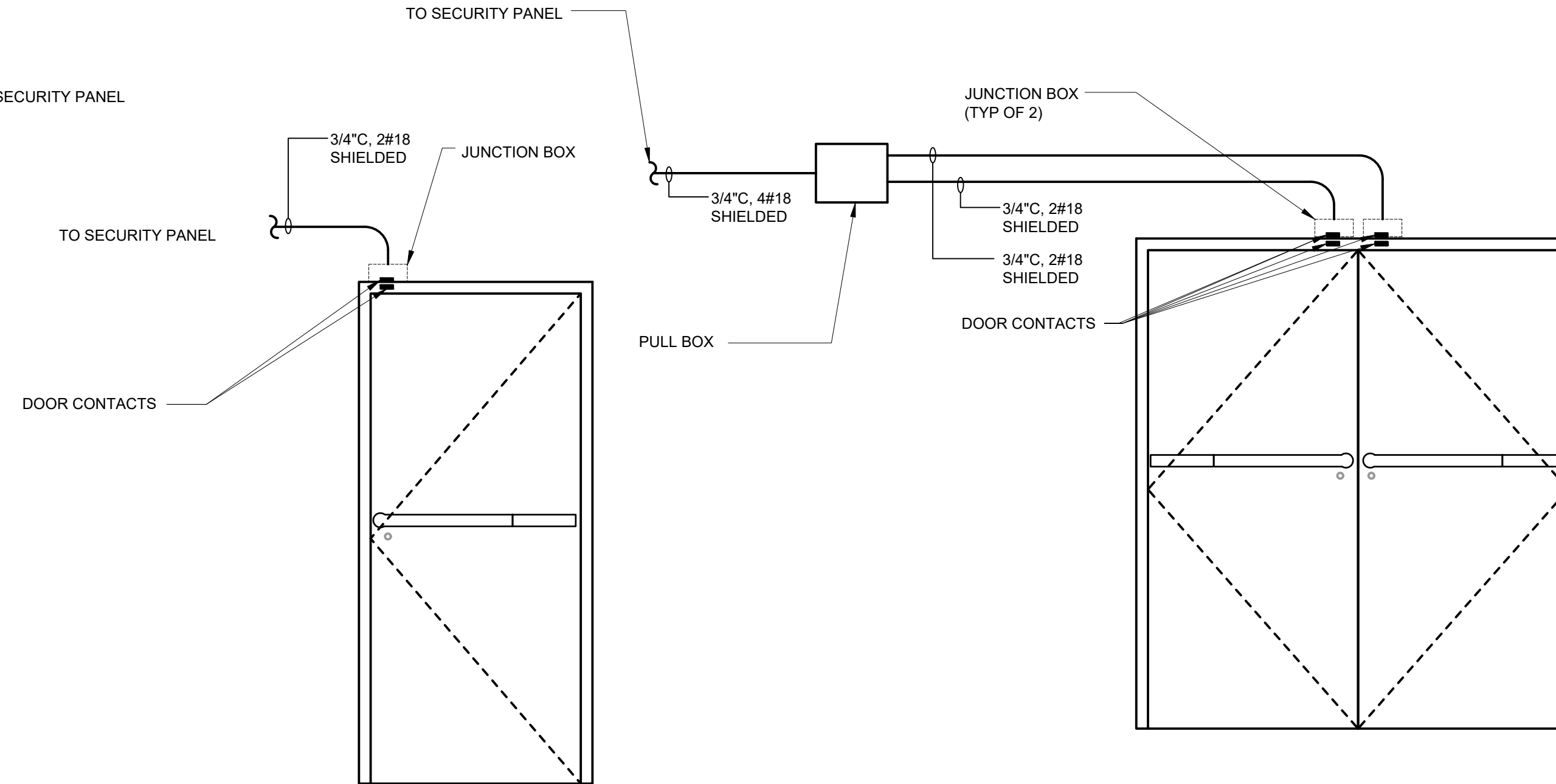
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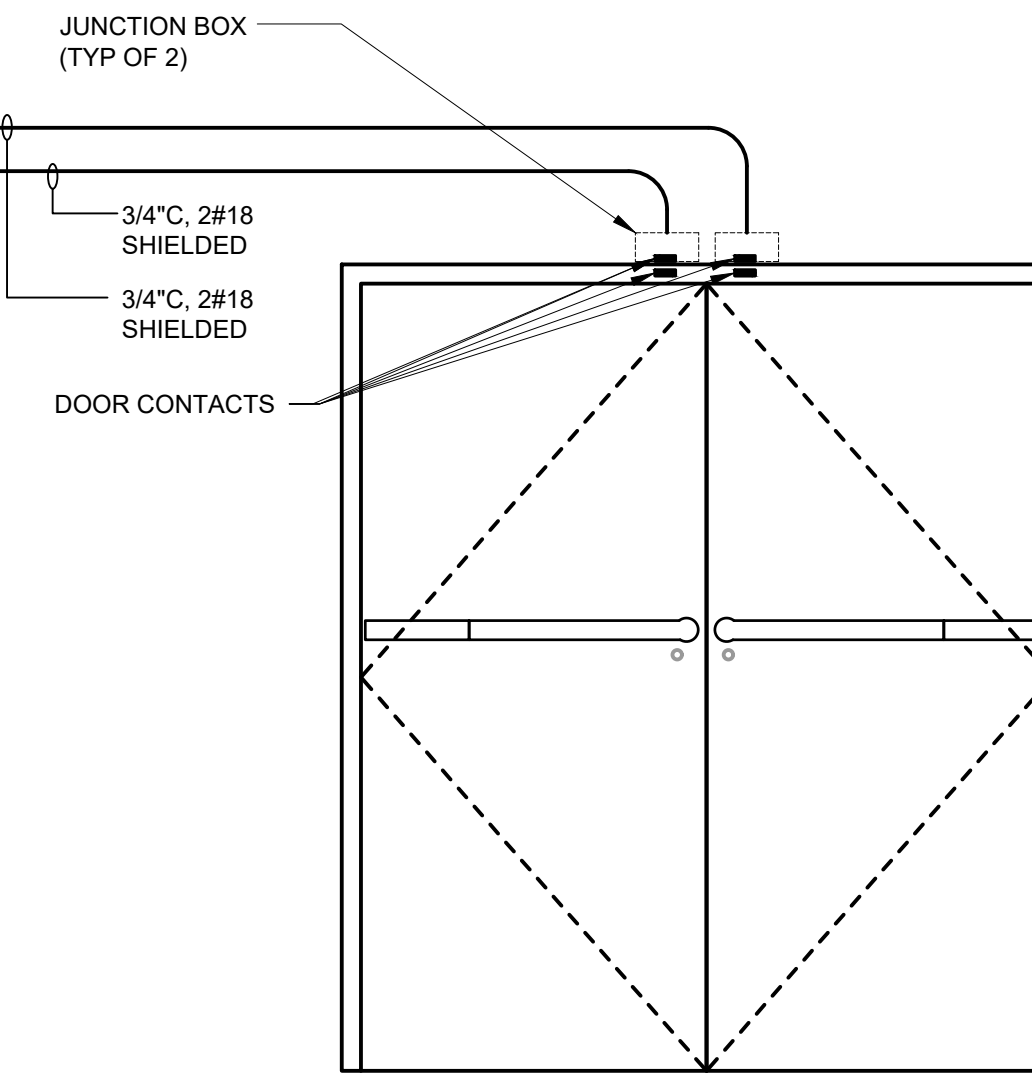
NOTES:

1. THE LENEL COMMAND KEYPAD AND CARD READER SHOWN IN THIS DETAIL IS ONLY APPLICABLE TO DOORS SF01, SF02, AND SF04.

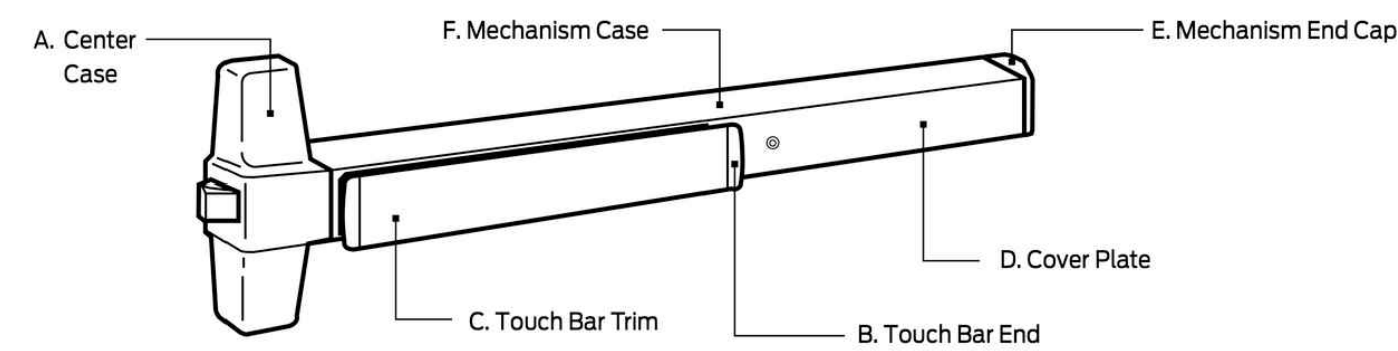
G SINGLE DOOR - SECURE SIDE
SC1-102 SCALE: NTS



H SINGLE DOOR - SECURE SIDE
SC1-102 SCALE: NTS



I DOUBLE DOOR - SECURE SIDE
SC1-102 SCALE: NTS



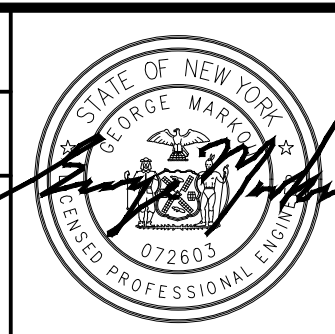
J REQUEST TO EXIT DOOR HANDLE
SC1-102 SCALE: NTS

File: C:\BMS\VAZEN\PROJECTS\SC1-301 - Saved by PNUAGENT Save date: 7/25/2022 4:48 PM

BID SET	
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D

DESIGNED BY: Y. ABDALLA	DRAWN BY: Y. ABDALLA
CHECKED BY: H. HARRY	DESIGN LEAD: EDWARD BARBOE, P.E.



ACCOUNTABLE MANAGER JOSE NIEVES
PROJECT MANAGER MARK DELBALZO, P.E.

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REPURPOSING OF THE KENSICO LABORATORY AS
THE KENSICO REGIONAL HEADQUARTERS
MOUNT PLEASANT, NEW YORK
CONTRACT CRO-624
SECURITY SYSTEM
MOUNTING DETAILS 2

DATE: MAY 2023
SCALE:
SHEET NO: 121 OF No. 121
DRAWING NO. SC-301