SITE MAP

M&T Bank

BRANCH RENOVATION:

1019 Park Street | Peekskill, NY 10566

DRAWING LIST

COVER SHEET

GENERAL:
G1.0 CODE INFORMATION, CODE PLAN, GENERAL INFORMATION & SYMBOL LEGEND

ARCHITECTURAL:
A1.0 PLANS, SCHEDULES, WALL TYPES & DETAILS
A2.0 FINISH PLAN, SECTIONS, ELEVATION & MILLWORK DETAILS

PLUMBING:
P1.0 PLANS, NOTES & LEGEND
P2.0 DETAILS & SCHEDULES

MECHANICAL :
M1.0 PLANS & GENERAL NOTES
M2.0 DETAILS & SCHEDULES
M3.0 SPECIFICATIONS

ELECTRICAL:
E1.0 PLANS, LEGEND & NOTES
E2.0 BASEMENT PLAN, FIXTURE SCHED & SPECIFICATIONS
E3. ONE LINE DIAGRAM & PANEL SCHEDULE

REFERENCE:
ASBESTOS REPORT (BY *56 SERVICES*)
COMCHECK

Interior Renovation:

Partitions, Millwork, Finishes, Mechanical, Electrical, Plumbing

SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
One Post Hill Place, New London CT 06320
Tel. 203 230 9007 Fax. 203 230 8247
silverpetrucelli.com

NOT FOR CONSTRUCTION

Revision:	Description:	Date:	Revised By:
	ISSUED FOR PERMIT	05/25/2022	

FULL SCALE PRINT: 30"x42"

GRAPHIC SYMBOLS

ROOM NAME / ROOM NUMBER XXX — ROOM IDENTIFICATION

ROOM NAME / ROOM NUMBER ### / MATERIAL - HEIGHT ACT-1 / #'-##" — CEILING PLAN ROOM IDENTIFICATION

ROOM NAME / MATERIAL - RM NUMBER CPT-1 / ## / SQ FT SQ FT — FINISH FLOOR PLAN ROOM IDENTIFICATION

CABINET TYPE CB1 / NOMINAL HEIGHT/WIDTH 3630 / SPECIAL DEPTH &/OR EQUIP. 18" — CASEWORK SYMBOL

XXX — EQUIPMENT SYMBOL

XXX — DOOR NUMBER

XX — DEMOLITION NOTE

XX — WINDOW TYPE

XX / XX — DETAIL NUMBER / DRAWING NUMBER

XX — CONSTRUCTION NOTE

X / X — SECTION/DETAIL DRAWING NUMBER

XX / XX — XX / XX — BUILDING SECTION DRAWING NUMBER

XX / XX — WALL SECTION DRAWING NUMBER

XX / XX — EXTERIOR ELEVATION DRAWING NUMBER

/ # XXX # / # — "#" INTERIOR ELEVATION "XX" DRAWING NUMBER

X — WALL TYPE

X — REVISION MARK

X — X — COLUMNS (EXISTING)

detail # XX / sheet # XX — DETAIL CALL OUT

ELEVATION LABEL — ELEVATION MARKER

DATUM POINT

1 — REVISION CLOUD

RCP DRAWING SYMBOLS

2X2 LIGHT FIXTURE — EXHAUST DIFFUSER

SUPPLY DIFFUSER — RETURN DIFFUSER

RECESSED LIGHT FIXTURE — SPRINKLER HEAD

WALL INDICATIONS

TYPICAL WALL

WALL TO BE REMOVED

TYPICAL WINDOW

EXISTING CONSTRUCTION

WINDOW WALL

RECESSED ITEM

MATERIAL CONVENTIONS

BRICK (PLAN / SECTION)

CONCRETE MASONRY UNIT (CMU) (PLAN / SECTION)

CONCRETE (CAST-IN-PLACE)

CONCRETE (PRE-CAST)

RIGID BOARD INSULATION

INSULATION (BATT)

EARTH

GYPSUM BOARD

PLYWOOD

WOOD FRAMING (THRU MEMBER)

WD FRAMING (UNINTERRUPTED MEMBER)

WD TRIM/FINISH

ACOUSTICAL TILE OR PANEL

DOOR INDICATIONS

EXISTING DOOR

EX. DOOR TO BE REMOVED

NEW DOOR

DOUBLE LEAF DOOR

DOOR W/ 180 HOLD OPEN

VARYING LEAF DOOR

TWO-WAY DOOR

POCKET DOOR

BI- FOLDING DOOR

SLIDING DOOR

DOUBLE ACTING DOOR

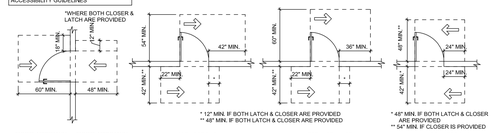
ARCHITECTURAL ABBREVIATIONS

A.B.	ANCHOR BOLT	LAM.	LAMINATE
A.C.P.	ASBESTOS CEMENT PIPE	L.F.	LINEAL FOOT
ADJ.	ADJUSTABLE	LG.	LONG
A.F.F.	ABOVE FINISH FLOOR	LOC.	LOCATION
AC.T.	ACOUSTICAL CEILING TILE	L.P.	LOW POINT
ALUM.	ALUMINUM	LTG.	LIGHTING
APPROX.	APPROXIMATE	LVL.	LEVEL
ARCH.	ARCHITECTURAL		
ASPH.	ASPHALT	M	MINUTE
AVG.	AVERAGE	MAS.	MASONRY
		MAX.	MAXIMUM
BSMT.	BASEMENT	MECH.	MECHANICAL
BD.	BOARD	M.H.	MANHOLE
BRG.	BEARING	MIN.	MINIMUM
BRK.	BRICK	MISC.	MISCELLANEOUS
BIT.	BITUMINOUS	M.O.	MASONRY OPENING
BLK.	BLOCK	MTD.	MOUNTED
BLDG.	BUILDING	MTL.	METAL
B.S.	BOTH SIDES		
		N.A.	NOT APPLICABLE
C.B.	CATCH BASIN	N.I.C.	NOT IN CONTRACT
C.B.R.	CATCH BASIN TO BE REMOVED	NO.	NUMBER
C.I.	CAST IRON	NOM.	NOMINAL
C.I.P.	CAST IN PLACE CONCRETE	N.P.S.	NOMINAL PIPE SIZE
CLG.	CEILING	N.S.	NEAR SIDE
℄	CENTER LINE	N.T.S.	NOT TO SCALE
C. BD.	CHALK BOARD		
C.O.	CLEAN OUT	O.C.	ON CENTER
COL.	COLUMN	O.C.C.	OCCUPANT
CONC.	CONCRETE	O.D.	OUTSIDE DIAMETER
C.M.U.	CONCRETE MASONRY UNIT	OPNG.	OPENING
CONF.	CONFERENCE		
CONSTR.	CONSTRUCTION	P.C.B.	PAINTED CONCRETE BLOCK
CONT.	CONTINUOUS, CONTINUE	P.G.B.	PAINTED GYPSUM BOARD
C.J.	CONTROL/CONSTRUCTION JOINT	PL.	PLATE
CONTR.	CONTRACTOR	PLUMB.	PLUMBING
C.C.	CURB CUT	PLYWD.	PLYWOOD
		PREP.	PREPARATION
DET.	DETAIL	P.T.	PRESSURE TREATED
DIA.	DIAMETER	PTD.	PAINTED
DIM.	DIMENSION	P.V.C.	POLYVINYL CHLORIDE
DR.	DOOR		
DN.	DOWN		
DWG.	DRAWING	R.	RISER
		RAD.	RADIUS
E	ELECTRICAL	R.C.P.	REINFORCED CONCRETE PIPE
EA.	EACH	R.D.	ROOF DRAIN
ECTR.	EXISTING CEILING TO REMAIN	REINF.	REINFORCEMENT
ED.	EDUCATION	REQ'D.	REQUIRED
ELEC.	ELECTRICAL	R.H.	ROOF HATCH
E.F.	EACH FACE	R.L.	ROOF LEADER
E.J.	EXPANSION JOINT	RM.	ROOM
EL.	ELEVATION		
ELEV.	ELEVATION	S.	STORM
EMER.	EMERGENCY	SAN.	SANITARY
ENCL.	ENCLOSURE	S.C.	SEALED CONCRETE
ENL.	ENLARGED	SCHED.	SCHEDULE
ENT.	ENTRANCE	SECT.	SECTION
EP.	EPOXY PAINT	S.F.	STEP FOOTING
EQ.	EQUAL	SIM.	SIMILAR
ES.	EXPOSED STRUCTURE	S.O.G.	SLAB ON GRADE
E.T.R.	EXISTING TO REMAIN	SPEC.	SPECIFICATIONS
E.W.	EACH WAY	SQ.	SQUARE
E.W./E.F.	EACH WAY/EACH FACE	SQ. FT.	SQUARE FEET
EXAM.	EXAMINATION	STL.	STEEL
EXIST	EXISTING	STRUCT.	STRUCTURAL
EXP.	EXPANSION	SUSP.	SUSPENDED, SUSPENSION
EXT.	EXTERIOR	S.W.	SHEAR WALL
		S.W.F.	SHEAR WALL FOOTING
FDN.	FOUNDATION	SYS., SYST.	SYSTEM
F.F.	FINISHED FLOOR		
F.P.	FOLDING PARTITION	T.	TELEPHONE
FIN.	FINISH, FINISHED	T&B	TOP & BOTTOM
FIXT.	FIXTURE	TECH.	TECHNOLOGY
FL.	FLOOR	T.O.	TOP OF
FT.	FOOT	T.O.F.	TOP OF FRAME
F.S.	FAR SIDE	T.O.S.	TOP OF STEEL
FTG.	FOOTING	T/S	TOP OF SLAB
		T/W	TOP OF WALL
G	GAS	LI.f.	TRIM TO FIT
GA.	GAGE, GAUGE	TYP.	TYPICAL
GEN.	GENERAL		
G.C.	GENERAL CONTRACTOR	U.O.N.	UNLESS OTHERWISE NOTED
GYP.	GYPSUM		
GYP. BD.	GYPSUM BOARD	V.B.	VINYL BASE
H.C.	HANDICAPPED	V.C.T.	VINYL COMPOSITE TILE
HD.	HEADED	VERT.	VERTICAL
HDWR.	HARDWARE	V.I.F.	VERIFY IN FIELD
HGT.	HEIGHT		
H.P.	HIGH POINT	W.	WATER
H.M.	HOLLOW METAL	W	WITH
HORIZ.	HORIZONTAL, HORIZONTALLY	WCJ	WALL CONTROL JOINT
H.B.	HOSE BIBB	WD.	WOOD
HR.	HOUR	WF.	WIDE FLANGE
HYD.	HYDRANT	WNDW.	WINDOW
		W.W.F.	WELDED WIRE FABRIC
INSUL.	INSULATION, INSULATED	W.W.M.	WELDED WIRE MESH
INT.	INTERIOR	@	AT
INV.	INVERT	℄	DIAMETER
JAN.	JANITOR		
K.P.	KICK PLATE		

TYPICAL ADA MOUNTING HEIGHTS & REQUIREMENTS

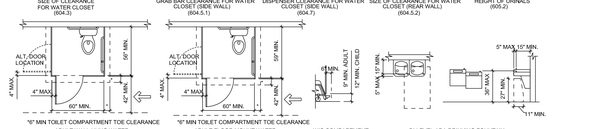
ICC/ANSI A117.1-2009
ADA AND/OR BARRIER FREE HANDICAPPED ACCESSIBILITY GUIDELINES

GENERAL NOTE:
ALL DIMENSIONS SHOWN ARE FINISH FACE DIMENSIONS.

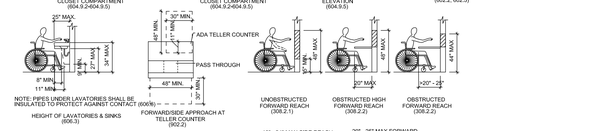


FRONT APPROACH, PULL SIDE (604.2.3.2) — FRONT APPROACH, PUSH SIDE — HINGE APPROACH — ALTERNATE HINGE APPROACH — LATCH APPROACH

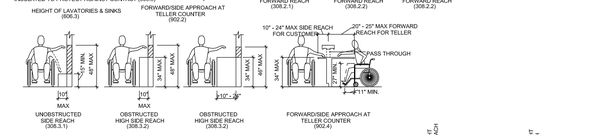
SIZE OF CLEARANCE FOR WATER CLOSET (604.3) — GRAB BAR CLEARANCE FOR WATER CLOSET (SIDE WALL) (604.5.1) — DISPENSER CLEARANCE FOR WATER CLOSET (SIDE WALL) (604.7) — SIZE OF CLEARANCE FOR WATER CLOSET (REAR WALL) (604.5.2) — HEIGHT OF URINALS (605.2)



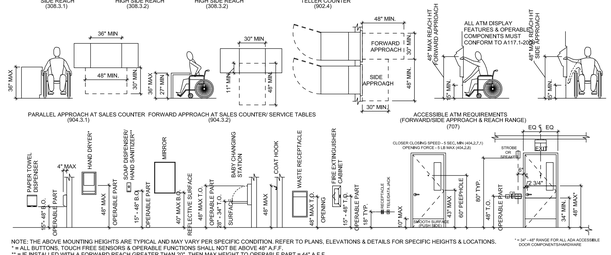
"6" MIN TOILET COMPARTMENT TOE CLEARANCE — "6" MIN TOILET COMPARTMENT TOE CLEARANCE — ADULT WALL HUNG WATER CLOSET COMPARTMENT (604.9.2-604.9.5) — ADULT FLOOR MOUNT WATER CLOSET COMPARTMENT (604.9.2-604.9.5) — W/C COMPARTMENT ELEVATION (604.9.5) — BI-LEVEL ADA DRINKING FOUNTAIN (602.2, 602.5)



NOTE: PIPES UNDER LAVATORIES SHALL BE INSULATED TO PROTECT AGAINST CONTACT (606.6) — HEIGHT OF LAVATORIES & SINKS — FORWARD/SIDE APPROACH AT TELLER COUNTER (902.2) — UNOBSTRUCTED FORWARD REACH (308.2.1) — OBSTRUCTED HIGH FORWARD REACH (308.2.2) — OBSTRUCTED FORWARD REACH (308.2.2)

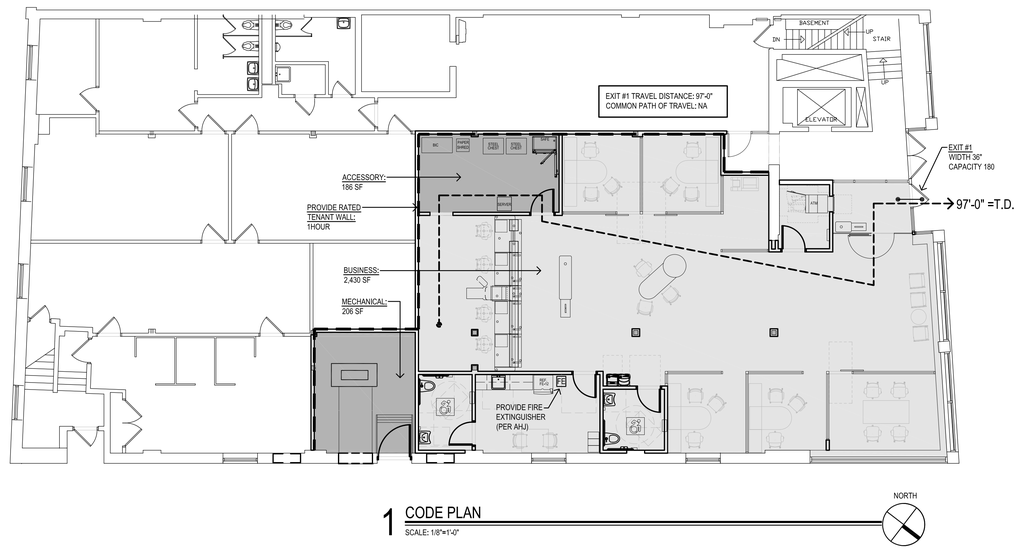


UNOBSTRUCTED SIDE REACH (308.3.1) — OBSTRUCTED HIGH SIDE REACH (308.3.2) — OBSTRUCTED HIGH SIDE REACH (308.3.2) — FORWARD/SIDE APPROACH AT TELLER COUNTER (902.4)



PARALLEL APPROACH AT SALES COUNTER (904.3.1) — FORWARD APPROACH AT SALES COUNTER/ SERVICE TABLES (904.3.2) — ACCESSIBLE ATM REQUIREMENTS (FORWARD/SIDE APPROACH & REACH RANGE) (707)

NOTE: THE ABOVE MOUNTING HEIGHTS ARE TYPICAL AND MAY VARY PER SPECIFIC CONDITION. REFER TO PLANS, ELEVATIONS & DETAILS FOR SPECIFIC HEIGHTS & LOCATIONS.
* = ALL BUTTONS, TOUCH FREE SENSORS & OPERABLE FUNCTIONS SHALL NOT BE ABOVE 48" A.F.F.
** = IF INSTALLED WITH A FORWARD REACH GREATER THAN 20", THEN MAX HEIGHT TO OPERABLE PART = 44" A.F.F.
TYP. EQUIPMENT/ACCESSORY MOUNTING HEIGHTS



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

SYMBOL LEGEND

13 / 343 — # OF EGRESS OCC. / DOOR MAX ALLOW. — EXIT CAPACITY

120 — DIRECTION OF TRAVEL W/ACCUMULATED OCC. LOAD

120 — DIRECTION OF TRAVEL W/ACCUMULATED OCC. LOAD

50' — MAXIMUM TRAVEL DISTANCE

FE — ACCESSIBLE THRESHOLD

ACCESSIBLE AREA OR EXIT

- INDICATES ONE- HOUR RATED WALL SEE PLANS & PARTITION TYPES FOR ADDITIONAL INFORMATION

XXX / XXX — - INDICATES ROOM NAME / - INDICATES ROOM NUMBER

5'-0" TURNING RADIUS

CODE INFORMATION

1. PROJECT DESCRIPTION:

EXISTING BANK RENOVATION- THE ALTERATIONS TO THE BUILDING PROPOSED FOR THIS PROJECT DO NOT IMPACT OR CHANGE THE CONSTRUCTION TYPE OR OCCUPANCY CLASS, (B-BUSINESS)

WORK SCOPE FOR THIS PROJECT INCLUDES DEMOLITION/ALTERATION & CONSOLIDATION OF EXISTING FINISHES, MILLWORK AND PARTITION WALLS WITHIN THE SPACE- NEW CONSTRUCTION INCLUDES NEW FINISHES, MILLWORK & PARTITION WALLS

IN ADDITION TO PARTITIONS- NEW MECHANICAL, ELECTRICAL & PLUMBING FIXTURES, DEVICES AND UPGRADED FIRE ALARM SYSTEM

2. CLASSIFICATION OF WORK:

LEVEL 2 ALTERATION

DATE OF ORIGINAL CONSTRUCTION	-
DATE OF CURRENT CONSTRUCTION	2022

3. APPLICABLE BUILDING CODES:

- NEW YORK STATE BUILDING CODE (2018 ICC)	2020
ADOPTS ICC W/ AMENDMENTS:	
- INTERNATIONAL EXISTING BUILDING CODE	2018
- INTERNATIONAL BUILDING CODE	2018
- INTERNATIONAL MECHANICAL CODE	2018
- INTERNATIONAL PLUMBING CODE	2018
- INTERNATIONAL ENERGY CONSERVATION CODE	2018
- NATIONAL ELECTRIC CODE (NFPA 70)	2017
- ADA STANDARDS	2010

- ALL CODE SECTION REFERENCES ARE TO BE NYSBC UNLESS OTHERWISE NOTED

4. CONSTRUCTION TYPE: (EXISTING, UNCHANGED) Type 2B

5. USE GROUP CLASSIFICATION:
(Primary) Use B-BUSINESS

6. EXISTING TOTAL:
TENANT SPACE Total sq.ft. 2,600 SF

7. OCCUPANCY LOAD:
USE GROUP B=2,600/@ 100 SF/OCC) Total sq.ft. 26
TOTAL EXIT CAPACITY TOTAL 360

FIXTURE COUNT	(1 REQ'D)	2 PROVIDED
		WOMEN: -
		LAVS: -
		D/F: -
	Unisex WC 2	MEN: -
	LAVS: 2	LAVS: -
	D/F: 1 (BI-LEVEL)	D/F: -

8. SPRINKLER PROTECTION:
Entire Building: NO

9. REQUIRED MEANS OF EGRESS:
0-49 MAX OCC. (REQ'D) 1 Exits Provided: 1

10. COMMON PATH OF TRAVEL:
Non Sprinklered BLDG Distance: 100'-0" Max

11. EXIT TRAVEL DISTANCE:
Non Sprinklered BLDG B Use Group: 100'-0" Max

12. DEAD-END CORRIDOR:
Non Sprinklered BLDG Distance: 20'-0"

13. FIRE SAFETY CODE DATA

Classification of occupancy	B-BUSINESS	
Minimum construction required	n/a	
Actual Construction Provided	n/a	
Notification / Alarms	YES X	NO
Detection	YES X	NO
Extinguishment requirements (PER AHJ)	YES X	NO

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Architects / Engineers / Interior Designers
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Revisions: Description: Date: Revised By:
ISSUED FOR PERMIT 05/25/2022

Project Title:
Branch Renovation at:
M&T Bank
1019 Park Street
Peekskill, NY 10566

Drawing Title:
CODE PLAN, CODE INFO, SYMBOL LDEGEND

Date: 05/25/2022
Scale: AS NOTED
Drawn By: JDN
Project Number: 22-079
Drawing Number: AS NOTED

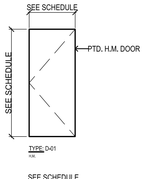
G1.0

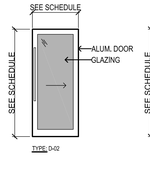
DOOR SCHEDULE

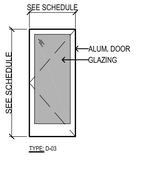
MARK	DOOR: SIZE: SINGLE LEAF DOOR	DOOR: SIZE: DOUBLE LEAF DOOR	DOOR: SIZE: SLIDING	DOOR: SIZE: WIDTH	DOOR: SIZE: HEIGHT	FRAME: TYPE (SEE ELEV.)	FRAME: THICKNESS	FRAME: GLAZING (TYPE)	FRAME: MATERIAL	FRAME: TYPE (SEE ELEV.)	FRAME: GLAZING (TYPE)	FRAME: MATERIAL	FIRE: DETAIL NO.: HEAD	FIRE: DETAIL NO.: JAMB	FIRE: DETAIL NO.: SADDLE TYPE	FIRE: RATING: RESIST'S PASS. OF SMOKE	FIRE: RATING: 90 MIN. (LABELED)	FIRE: RATING: 60 MIN. (LABELED)	FIRE: RATING: 45 MIN. (LABELED)	FIRE: RATING: NOT REQUIRED	ELECTRONIC ACCESS CONTROL	HARDWARE	REMARKS
100	EXISTING TO REMAIN																						
100A	●			3'-0"	7'-0"	D03	3/4"	TEMP	AL	F03	TEMP	AL	#	#	#					●	●	H03	1.
101	EXISTING TO REMAIN																						
101A	●			3'-0"	8'-4"	D05	3/4"	TEMP	GL	F05	TEMP	-	#	#	#					●	●	H05	1.
102	●			3'-0"	7'-0"	D01	3/4"	-	HM	F01	-	HM	13	14	#					●	●	H01	
104	●		●	3'-0"	7'-0"	D02	3/4"	TEMP	HM	F02	TEMP	AL	#	#	#					●	●	H02	
107	●			3'-0"	7'-0"	D01	3/4"	-	HM	F01	-	HM	13	14	#					●		H06	
110	●		●	3'-0"	7'-0"	D02	3/4"	TEMP	HM	F02	TEMP	AL	#	#	#					●	●	H02	
111	●		●	3'-0"	7'-0"	D02	3/4"	TEMP	HM	F02	TEMP	AL	#	#	#					●	●	H02	
113	●			3'-0"	7'-0"	D01	3/4"	-	HM	F01	-	HM	#	#	#					●	●	H01	
115	●			3'-0"	7'-0"	D01	3/4"	-	HM	F01	-	HM	13	14	#					●	●	H01	
116	●			3'-0"	7'-0"	D01	3/4"	-	HM	F01	-	HM	13	14	#					●		H06	
117	●			3'-0"	7'-0"	D01	3/4"	-	HM	F06	-	HM	#	#	#					●		H07	

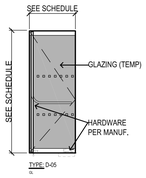
- ● - INDICATES NEW WORK
- ○ - INDICATES EXISTING TO REMAIN
- □ - INDICATES EXISTING TO BE REMOVED & REPLACED
- ■ - INDICATES EXISTING TO BE REMOVED

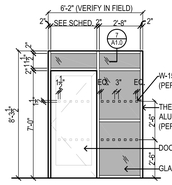
REMARKS:
1. COORDINATE ALL ELECTRONIC ACCESS CONTROLS WITH BANK
2. PROVIDE NEW LIMITED ACCESS HARDWARE ON EXISTING DOOR COORD. W/ BANK
3. PROVIDE NEW PANIC HARDWARE DEVICE(S) ON EX. DOOR



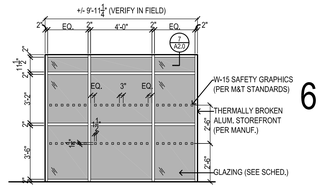




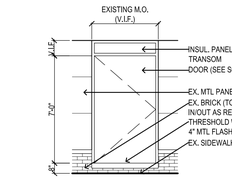


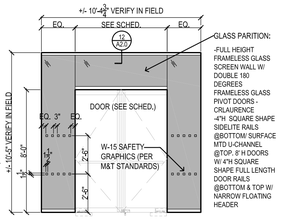


6 GLASS ENTRY ELEVATION
SCALE: 1/4"=1'-0"



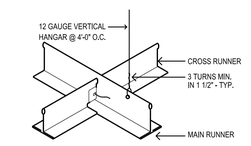
11 VESTIBULE STOREFRONT
SCALE: 1/4"=1'-0"

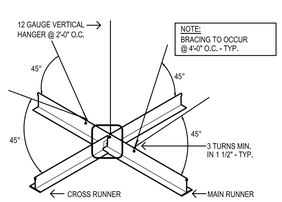




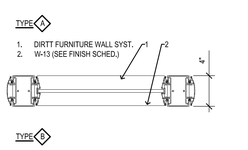
10 PART. EXT. ELEV.
SCALE: 1/4"=1'-0"

5 GLASS ENTRY ELEVATION
SCALE: 1/4"=1'-0"

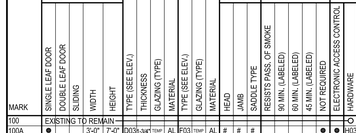




9 ACT DETAIL (TYP)
SCALE: NONE

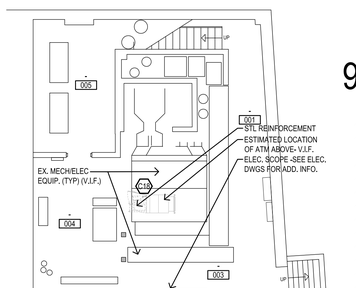


4 WALL TYPES
SCALE: 1-1/2"=1'-0"

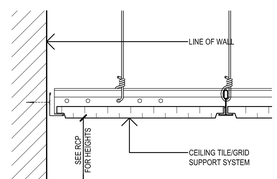


15 HEAD DETAIL
SCALE: 3"=1'-0"

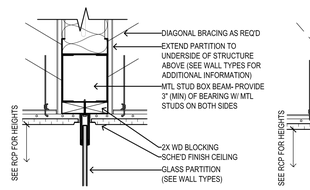
14 JAMB DETAIL
SCALE: 3"=1'-0"

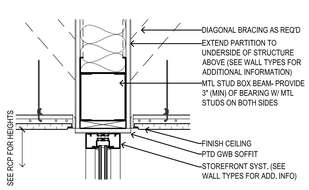


13 PARTIAL PLAN: BASEMENT
SCALE: 1/8"= 1'-0"



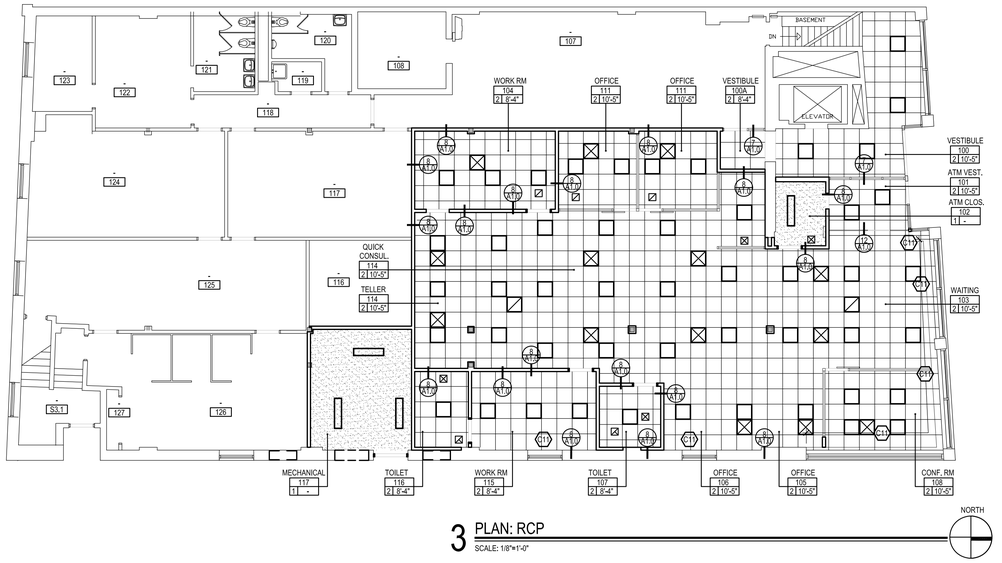
8 ACT DETAIL (TYP)
SCALE: NONE



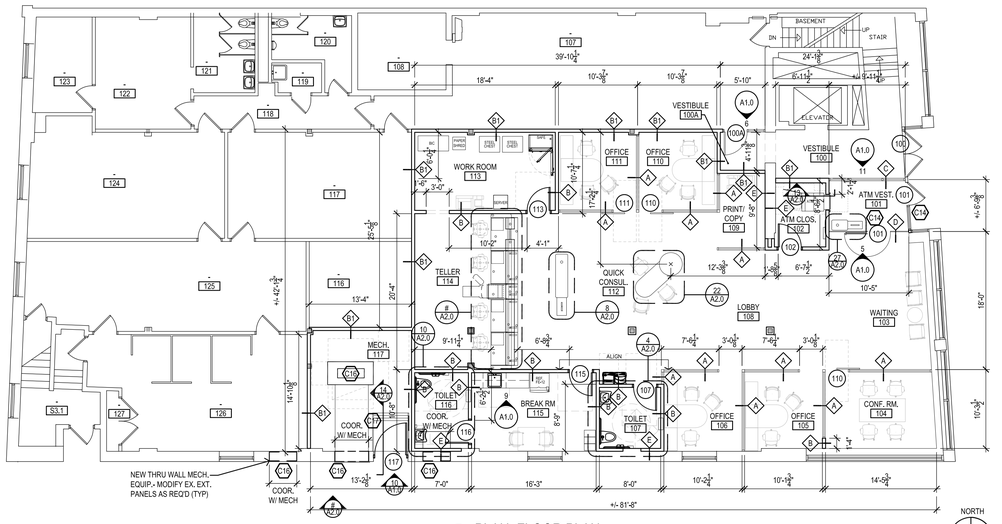


12 WALL TYPES
SCALE: 1-1/2"=1'-0"

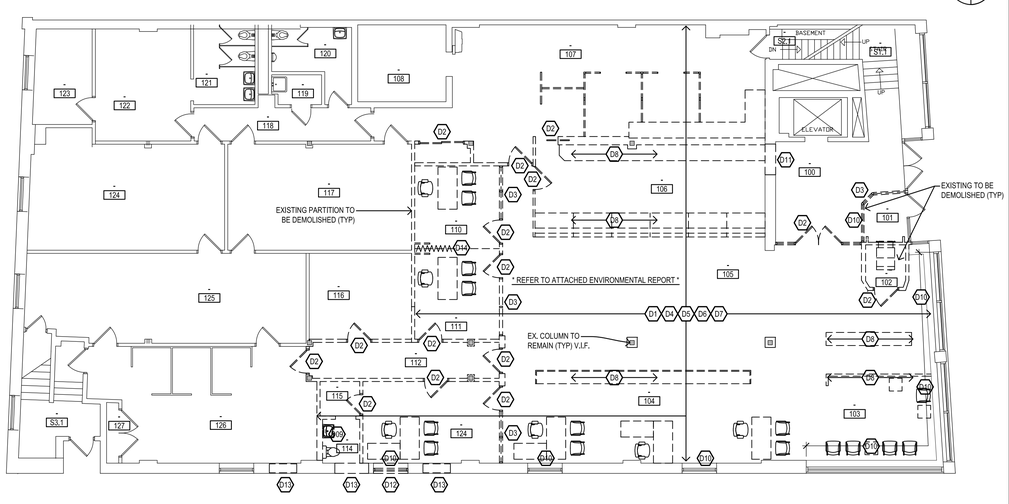
7 WALL TYPES
SCALE: 1-1/2"=1'-0"



3 PLAN: RCP
SCALE: 1/8"=1'-0"



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



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

GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL EXIST. CONDITIONS & DIMENSIONS PRIOR TO CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE TO REPAIR OR REPLACE ANY AREAS DAMAGED OUTSIDE THE SCOPE OF WORK RETURNING THEM TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
3. PATCH ALL EXIST. MATERIALS AFFECTED BY NEW CONSTRUCTION IN THIS PROJECT (MATCH EXISTING).
4. ALL MATERIALS/EQUIPMENT/FIXTURES ARE NEW UNLESS OTHERWISE NOTED AS "EXISTING".
5. REMOVE ALL DEMOLISHED MATERIALS FROM SITE. LEAVE SITE CLEAN OF ALL CONSTRUCTION DUST & DEBRIS AT THE END OF EACH DAY.
6. CONTRACTOR IS RESPONSIBLE FOR REMOVING, RELOCATING AND RECONNECTING ANY AND ALL MEP/FP DEVICES, CONDUIT, SECURITY AND/OR WIRING AFFECTED BY THE SCOPE OF WORK PRIOR TO DEMOLITION AND UPON COMPLETION OF CONSTRUCTION. CONTRACTOR TO VERIFY ALL ASSOCIATED COMPONENTS AFFECTED w/ARCHITECT & OWNER.
7. CONTRACTOR IS RESPONSIBLE TO SURVEY AND DOCUMENT ALL AREAS OF SCOPE PRIOR TO BID. CONTRACTOR IS RESPONSIBLE TO CARRY ALL TRADES IN BID REQUIRED TO REMOVE/REINSTALL ALL CONDITIONS AFFECTED BY SCOPE OF WORK.
8. ANY DEMOLITION/CONSTRUCTION ACTIVITY WHICH WOULD IMPACT HAZ. MAT. &/OR OTHER (TOXIC/NON-TOXIC) MUST BE CONDUCTED WITHIN COMPLIANCE & CODE REQUIREMENTS (SEE PROJ. MAN. FOR ADD. INFO.)
9. CONTRACTOR TO COORD. ANY TEMPORARY SHUT-OFFS OR INTERRUPTIONS WITH EXISTING SERVICES PRIOR TO CONSTRUCTION.
10. CONTRACTOR TO COORDINATE w/OWNER WHEN PERFORMING ANY WORK OUTSIDE SCOPE OF WORK.
11. CONTRACTOR TO ADHERE AND FOLLOW ALL LOCAL/STATE/ OWNER COVID-19 POLICIES - COORDINATE WITH OWNER FOR SCHEDULING IN/AROUND PROPERTY.
12. CONTRACTOR TO REFER TO ATTACHED ENVIRONMENTAL REPORT *ASSESTOS SAMPLING REPORT* PERFORMED BY 56 SERVICES. CONTRACTOR TO COORDINATE WITH ABATEMENT CONTRACTOR FOR ALL DEMOLITION/CONSTRUCTION REQUIRED FOR THIS PROJECT

GERNAL REFLECTED CEILING NOTES

ROOM NAME ->ROOM NAME
ROOM NUMBER ->###
FINISH / HEIGHT ->@ #'-#"

FINISH TYPE:
1. CL-01
2. CL-03

1. NEW ACT/ GRID SUPPORT SYSTEM
2. NEW MEP/FP FIXTURES & DEVICES (SEE MEP/FP DWGS FOR ADD. INFO)
3. PATCH & REPAIR ANY EXISTING/NEW PTD GWB (SEE FINISH SCHED. FOR ADDITIONAL INFORMATION)
4. COORDINATE WITH BANK FOR ANY CEILING MOUNTED SECURITY FIXTURES AND/OR DEVICES

CONSTRUCTION KEY NOTES

1. NEW BRAND WALL/ MARKETING (COORD. W/ OWNER)
2. NEW PTD, GWB, ON MTL. STUD FRAMING, (SEE WALL TYPES FOR ADDITIONAL INFORMATION.)
   - COORDINATE WITH NEW CONSTRUCTION FOR REQUIRED BLOCKING
3. NEW DOOR/ FRAMING (SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION)
4. NEW FINISH FLOORING- SEE FINISH PLAN & SCHEDULE FOR ADD. INFO.
5. NEW FINISH CEILING;
   - SEE RCP & FINISH SCHEDULE FOR ADDITIONAL INFORMATION
   - REINSTALL ANY EXISTING MEP/FP FIXTURES & DEVICES AFFECTED BY NEW CONSTRUCTION (SEE RCP FOR ADDITIONAL INFORMATION)
6. NEW MILLWORK BASE/WALL CABINETS/ COUNTERS... (SEE INT. ELEVATIONS FOR ADDITIONAL INFORMATION)
7. NEW TELLER/ CHECK/ CONSULT DESK- SEE A2.0 FOR ADDITIONAL INFORMATION
8. NEW SINK/ PLUMBING FIXTURES & ACCESSORIES (SEE ENLARGED PLANS & PLUMBING DWGS FOR ADDITIONAL INFORMATION)
9. NEW KITCHEN APPLIANCES TO BE INSTALLED AND SUPPLIED BY CONTRACTOR (SEE EQUIP. SCHED.)
10. NEW THRU-WALL ATM/ EQUIPMENT- PROVIDE FLUSH OPENING (COORDINATE WITH MANUF. INSTALL REQUIREMENTS)
11. NEW WINDOW SOLAR WINDOW SHADES (SEE EQUIP. SCHED.) MOUNTING PER MANUFACTURER- PROVIDE GYP HEADER @ WINDOWS
12. REPLACE WINDOW WITH NEW H.M. DOOR/FRAME/TRANSOM (SEE SCHED. & ELEV)
13. PROVIDE NEW FLUSH/FINISHED OPENING THRU PARTITION:
   - PROVIDE NEW LINTEL(S)/ HEADER AT NEW OPENING
14. ELECTRONIC ACCESS CONTROLS - SEE DOOR SCHED FOR ADD. INFO.
15. FUR EXISTING COLUMNS (TIGHT TO STRUCTURE)
16. NEW MECHANICAL EQUIPMENT (SEE MECHANICAL DRAWINGS):
   - PROVIDE OPENING THRU EXISTING EXTERIOR WALL (COORD. W/MECH.)
   - CUT/MODIFY EXISTING M.O. & METAL PANELS REQUIRED TO RECIEVE NEW
17. 68 DEGREE STEEL INCLINE SHIP LADDER/ PLATFORM ASSEMBLY:
   - PLATFORM, DECK, RAILINGS, STAIRS (TOP TREAD FLUSH WITH DECK)
   - MFG: FSINDUSTRIES OR EQUAL
   - VERIFY GRADE CHANGE FOR # OF RISERS REQ'D
18. STEEL REINFORCEMENT TO SUPPORT ATM

DEMOLITION NOTES

- CONTRACTOR TO REFER TO ATTACHED ENVIRONMENTAL REPORT *ASBESTOS SAMPLING REPORT* PERFORMED BY 56 SERVICES. CONTRACTOR TO COORDINATE WITH ABATEMENT CONTRACTOR FOR ALL DEMOLITION/CONSTRUCTION INVOLVED WITH THIS PROJECT
- DEMO & REMOVE WALL PAPER/ WALL COVERING IN ITS ENTIRETY- SKIM COAT EXISTING GYP & PREPARE TO LVL 4 DRYWALL FINISH THRU OUT BRANCH, IF GYP FINISH CANNOT BE SALVAGED, REMOVE GYP & PREP FOR NEW (MATCH EX.)
- ANY/ALL ITEMS CALLED TO BE DEMOLISHED SHALL BE REMOVED (COORD. W/ OWNER FOR ANY ITEMS BEING SALVAGED)

1. DEMO & REMOVE EXISTING PARTITION WALL/BASE & ALL ASSOCIATED COMPONENTS
   - COORDINATE WITH DEMO PLAN FOR ANY WALLS TO REMAIN
2. EXISTING DOOR(S)/FRAME TO BE REMOVED
   - DOOR, FRAME, HARDWARE, GLAZING BLOCKING & ALL ASSOCIATED COMPONENTS (COORD. W/ BANK FOR ANY HARDWARE BEING REUSED)
3. REMOVE EXISTING GLAZING/ WINDOW(S)
   - GLAZING, FRAME(S), BLOCKING & ALL ASSOC. COMPONENTS
4. DEMO EXISTING FINISH CEILING, SOFFITS & ANY/ALL ASSOCIATED COMPONENTS AFFECTED BY NEW CONSTRUCTION
   - REMOVE EXISTING MEP/FP FIXTUERS & DEVICES (SEE MEP/FP DWGS FOR ADDITIONAL INFORMATION)
   - REMOVE EXISTING SECURITY EQUIP/DEVICES (COORD. W/ BANK)
5. DEMO EXISTING FINISH FLOORING DOWN TO EXISTING SUBSTRATE- GRIND ANY EXISTING MASTIC/THIN SET
6. REMOVE ANY & ALL SIGNAGE/ MARKETING ETC., COORDINATE AND RETURN TO BANK
7. REMOVE ANY/ ALL EX. BANK EQUIPMENT/DEVICES, FURNITURE, KITCHENETTE/FIXTURES AND OTHER ASSOCIATED ITEMS (COORDINATE WITH BANK)
8. DEMO & REMOVE ANY/ ALL EXISTING MILLWORK & ASSSOC. COMPONENTS THRU OUT AFFECTED BY NEW CONSTRUCTION
9. REMOVE EXISTING PLUMBING FIXTURES (SEE PLUMB FOR ADDITIONAL INFORMATION)
10. REMOVE ANY EX. WINDOW SHADES AND ASSOC. COMPONENTS
11. DEMO OPENING THRU EXISTING WALL- SUPPORT REMAINING AS REQUIRED, PREP FOR NEW WORK
12. DEMO EXISTING WINDOW/ EXISTING SILL:
   - REMOVE WINDOW, FRAME, BLOCKING, ANY/ALL ASSOCIATED COMPONENTS TO CLEAR MASONRY OPENING
   - DEMO EX. MASONRY/BRICK SILL, 8" ABOVE SIDEWALK TO REMAIN
13. DEMO OPENING THRU EXISTING WALL:
   - DEMO EXISTING WALL,BRICK, METAL PANELING, & ANY/ALL ASSOCIATED COMPONENTS REQUIRED TO RECEIVE MECHANICAL EQUIPMENT (COORD. W/ MECH)
14. DEMO EXISTING SLIDING PARTITION WALL & TRACK ASSEMBLY

SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
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silverpetrucelli.com

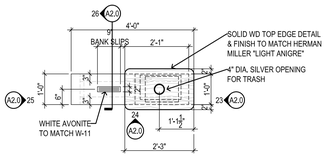
NOT FOR CONSTRUCTION

Revisions: | Description: | Date:
ISSUED FOR PERMIT | 05/25/2022
Revised By:

Project Title:
Branch Renovation at:
M&T Bank
1019 Park Street
Peekskill, NY 10566

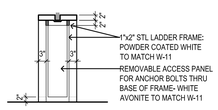
Drawing Title:
PLANS, SCHEDULES, WALL TYPES & DETAILS

Date: 05/25/2022
Scale: AS NOTED
Drawn By: JDN
Project Number: 22-079
Drawing Number: A1.0



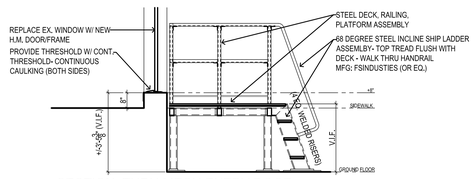
27 PLAN: CHECK DESK

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



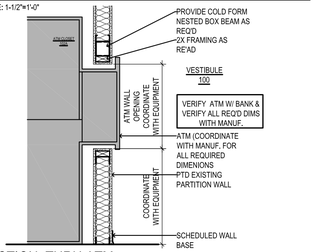
26 SECTION: THRU CHECK DESK

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



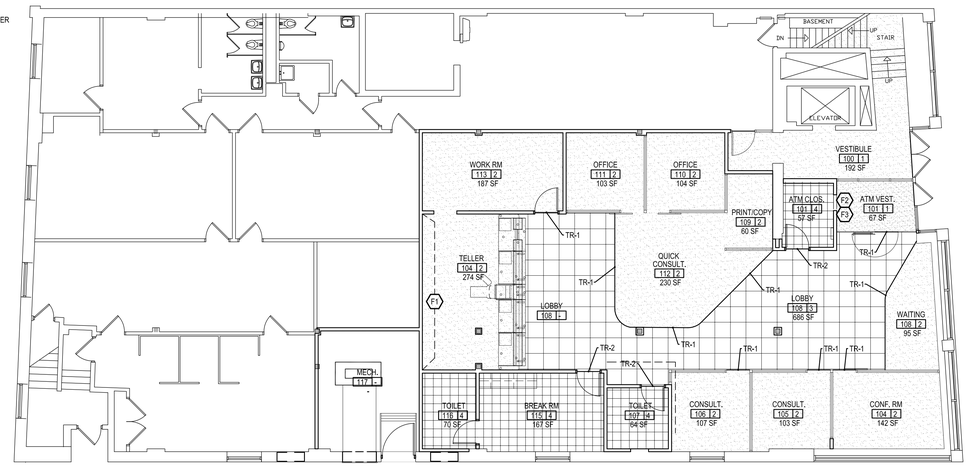
14 SECTION: THRU MECH ENTRY DOOR

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



13 SECTION: THRU ATM

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



ROOM FINISH SCHEDULE

ROOM		FLOOR		WALLS	CEILING	COMMENTS
MARK	NAME	FLR. FIN.	BASE		MAT'L	
100	VESTIBULE	-	-	-	CL-03	
100A	VESTIBULE	MATCH VESTIBULE #100			CL-03	
101	ATM VESTIBULE	FL-01	W-16	W-01	CL-03	
102	ATM CLOSET	FL-02	W-16	W-01	CL-01	
103	WAITING	FL-02	W-16	W-01	CL-03	
104	CONFERENCE RM	FL-02	W-16	W-01	CL-03	
105	OFFICE	FL-02	W-16	W-01	CL-03	
106	OFFICE	FL-02	W-16	W-01	CL-03	
107	TOILET	FL-04	W-16	W-01	CL-03	
108	LOBBY	FL-03	W-16	W-01	CL-03	
109	PRINT/COPY	FL-02	W-16	W-01	CL-03	
110	OFFICE	FL-02	W-16	W-01	CL-03	
111	OFFICE	FL-02	W-16	W-01	CL-03	
112	QUICK CONSULT.	FL-02	W-16	W-01	CL-03	
113	WORK ROOM	FL-04	W-16	W-01	CL-03	
114	TELLER	FL-02	W-16	W-01 / W-12	CL-03	
115	BREAK ROOM	FL-04	W-16	W-01	CL-03	
116	TOILET	FL-04	W-16	W-01	CL-03	
117	MECHANICAL ROOM	-	-	W-01	CL-01	

GENERAL NOTES:
1. PAINT ALL EXISTING GWB FINISH CEILING(S)/ SOFFIT(S)

EQUIPMENT SCHEDULE

MARK	QTY.	MANUFACTURER	MODEL #	DESCRIPTION	REMARKS
E-10A	1	BOBRICK	B-6806 x 36	36" GRAB BAR TYPE 304 STAINLESS STEEL SATIN	
E-10B	1	BOBRICK	B-6806 x 42	42" GRAB BAR TYPE 304 STAINLESS STEEL SATIN	
E-10C	1	BOBRICK	B-6806 x 18	18" GRAB BAR TYPE 304 STAINLESS STEEL SATIN	1,
E-11	1	BRADLEY	4A10-11	DIPLOMAT SURFACE MOUNTED SANITARY PRODUCT DISPOSAL UNIT	
E-12	1	GEORGIA-PACIFIC	56796	MULTI-ROLL TOILET TISSUE DISPENSER	
E-16	1	BOBRICK	780 SERIES	SURFACE MOUNTED MIRROR STAINLESS STEEL FINISH	2,
FE-12	1	WHIRLPOOL	WRB322DMBM	STAINLESS STEEL BOTTOM FREEZER REFRIGERATOR	3,
FE-14	1	GEORGIA-PACIFIC	59466	ENMOTION RECESSED AUTOMATED PAPER TOWEL DISPENSER BRUSHED STL	
FE-15	1	GEORGIA-PACIFIC	B-6806 x 36	ENMOTION RECESSED WASTE RECEPTACLE BRUSHED STEEL FE-14	
E-10A	1	BOBRICK	B-6806 x 36	36 GRAB BAR TYPE 304 STAINLESS STEEL SATIN	
FE-18	1	UNO CLEAN	SBS-98123	1-LITER STAINLESS STEEL SOAP DISPENSER	
M-03	1	UNO CLEAN	SBS-98123	1-LITER STAINLESS STEEL SOAP DISPENSER	

1. VERTICAL ORIENTATION
2. 40" MAX AFF TO REFLECTIVE SURFACE
3. INCLUDE SPILL GUARD

FINISH LEGEND

FLOORING

FL-01 WALK-OFF SYST
MFG: MILLIKEN
STYLE: OBEX CUTX FIZZ OPEN CELL
CARPET INSERT COLOR: GRAY

FL-02 CARPET TILE
MFG: MILLIKEN
COLLECTION: STRAIGHT TALK 2.0
BACKING: TRACTIONBACK
COLOR: #195 MIMY

FL-03 PORCELAIN TILE
MFG: AMERICAN OLEAN
STYLE: NEOSPECK 24"X24"
COLOR: NEO1 BEIGE
INSTALLATION: MONOLITHIC
GROUT: BOSTIK QUARTZLOCK2
GROUT JOINT: 1/8"
GROUT COLOR: #145 MOBE PEARL

FL-04 VINYL COMPOSITION TILES
MFG: ARMSTRONG
STYLE: STAN. EXCELON IMPERIAL TEXTURE
SIZE: 12"x12"x1/8"
COLOR: 51861 SOFT WARM GRAY
INSTALLATION: QUARTER-TURN

CEILING

CL-01 WHITE PTD GYP
MFG: BENJAMIN MOORE
COLOR: WHITE HERON CO-57
FINISH: FLAT FINISH

CL-03 2'x2' LAY-IN CEILING PANELS
MFG: USG
STYLE: HALCYON CLIMAPLUS 98223
COLOR: 050 FLAT WHITE
EDGE: SL
GRID: USG 15/16 DX/DXL GRID
GRID COLOR: WHITE

WALLS

W-01 MFG: BENJAMIN MOORE
STYLE: ECO SPEC
COLOR: WHITE HERON OC-57
FINISH: EGGSHELL

W-02 MFG: BENJAMIN MOORE
STYLE: ECO SPEC
COLOR: LEMON DROPS #2019-50
FINISH: EGGSHELL

W-03 GENERAL DOORS & TRIM
MFG: BENJAMIN MOORE
STYLE: ECO SPEC
COLOR: WHITE HERON OC-57
FINISH: SEMI-GLOSS

W-11 WHITE SOLID SURFACE
MFG: AVONITE
STYLE: SOLIDS
COLOR: #1-4016 WHITE

W-12 BRAND WALL
DESCRIPTION: 2" THICK FLOATING BRAND WALL WITH APPLIED DIMENSIONAL LOGO & M&T GREEN ENERGY BAND WALL COVERING. BOTTOME OF WALL TO BE 4" AFF. GRAPHIC APPLIED VINYL SUPER GRAPHIC WALLCOVERING. WALLCOVERING TO WRAP AROUND ENDS OF WALL. WALL TO RECEIVE 5 O/P FINISH FROM FLOOR TO CEILING. PRIME SURFACE W/ ROMAN 35a OR ROMAN PRO 999
NOTE: 4TH VINYL WALL BASE REF: FLOORING TO BE SET RECESS FROM SURFACE OF BRAND WALL BETWEEN TELLER SECURITY GATES.

W-13 TRANSPARENT GREEN & ETCH PRIVACY FILM OFFICE
MFG: APG
PRODUCT CHROMA-CHOCDP MTSL50- CUSTOM
DESIGNED & PRINTED DECORATIVE GLASS FILM NOTE: REPEATING HORIZONTAL LINE PATTERN IMPOSED ON CHROMA CARRIBEAN CHORCB ON A 42.625 BAND W/ 2" CLEAR ZONE ABOVE AND BELOW THE PATTER. PRIVACY FILM BANDING INSTALLATION TO BE @ 1'-4" AFF. INSTALL SO FILM APPLICATION IS UNIFORM THRU OUT THE BRANCH

W-16 WHITE VINYL BASE
MFG: ROPPE
STYLE: 700 SERIES COVE
COLOR: 161 SNOW

TRANSITIONS STRIPS

TR-1 TILE TO CARPET TRANSITION
MFG: SCHLUTER
STYLE: RENO-TK
COLOR: SATIN ANODIZED ALUM.

TR-2 TILE TO VCT TRANSITION
MFG: SCHLUTER
STYLE: RENO-TK
COLOR: SATIN ANODIZED ALUM.

TR-3 CARPET TO VCT TRANSITION
MFG: TARKETT
PROFILE: ADAPTOR, CTA-XX-
COLOR: 21 PLATINUM

TR-4 ACCESSIBLE THRESHOLD
MFG: KAHNEER
COLOR: MATCH DOOR HDWR

PLASTIC LAMINATE

PL-1 WOOD LOOK LAMINATE
MFG: PIONITE
COLOR: WC-4531 MILLWORK CHERRY

PL-2 WHITE LAMINATE
MFG: FORMICA
COLOR: 7197-58 DOVER WHITE
FINISH: MATTE

PL-3 LAMINATE WORK SURFACE
MFG: FORMICA
COLOR: 7223-58 NEW WHITE
FINISH: MATTE

GENERAL FINISH NOTES

FN

ROOM NAME → ROOM NAME
ROOM NUMBER → ### | #
AREA → ## SF

FINISH TYPE:
1. FL-01
2. FL-02
3. FL-03
4. FL-04

- REFER TO FINISH SCHEDULE AND PLAN FOR GENERAL FINISHES. REFER TO ALL INTERIOR FINISH NOTE. INTERIOR DRAWINGS (INCLUDING PLANS, ELEVATIONS AND DETAILS) AND OWNER'S DESIGN STANDARD MANUALS FOR COMPLETE INTERIORS INFORMATION.
- REFER TO ANSI 117.1 FOR MOUNTING HEIGHTS & FLOOR CLEARANCES. ALIGN TRANSITION OF FLOOR MATERIAL WITH CENTER OF HINGE IN DOORWAY. IN A WRAPPED OPENING WITHOUT HINGES, REFERENCE FINISH PLANS FOR TRANSITION LOCATIONS.
- PROVIDE MANUFACTURER'S RECOMMENDATIONS FOR TRANSITION BETWEEN UNLIKE FLOORING MATERIALS.
- FLOOR FINISHES TO EXTEND BENEATH MILLWORK.
- GC TO INSTALL BASE ON ALL WALLS UNLESS OTHERWISE NOTED.
- GC TO DETERMINE TAKE OFF AMOUNTS FOR ALL CARPET AND ADHESIVE REQUIREMENTS.

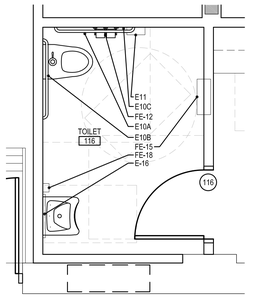
1. PROVIDE & INSTALL M&T BRANDING/ SUPERGRAPHIC AS INDICATED BY DASHED LINE. COORDINATE FINAL DESIGN LAYOUT WITH ARCH & OWNER (SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION)
2. PROVIDE ATM SUPER GRAPHIC SURROUND
3. PROVIDE ATM HEADER SIGN/ CABINET
4. PATCH, REPAIR AND/OR REPLACE ANY FINISH WALL AFFECTED BY NEW CONSTRUCTION- SEE FINISH SCHED. FOR ADDITIONAL INFORMATION
5. PROVIDE BLOCKING @ ANY NEW OR EXISTING WALL WHEN REQUIRED

GENERAL FF&E NOTES:
1. CONTRACTOR TO COORD. DELIVERY AND INSTALL OF ALL FURTNITURE, FIXTURES AND EQUIP, REQUIRED W/ ARCH & OWNER
2. INSTALLATION PER MANUFACTURER/ ANIS-117.1
3. SEE EQUIPMENT, FURNITURE & ACCESSORY SCHED. FOR ADD. INFO.

5 PLAN: FINISH & FF&E

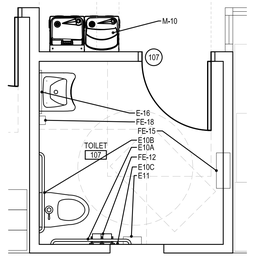
SCALE: 1/8"=1'-0"

NORTH



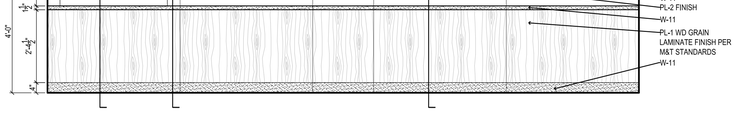
10 ENLARGED PLAN: TLT #116

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



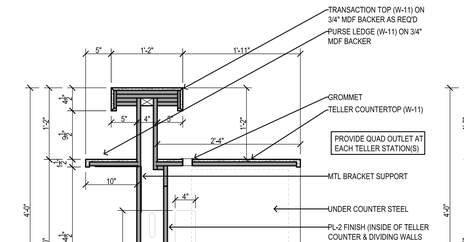
4 ENLARGED PLAN: TLT #107

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



17 SECTION: THRU TELLER (TYP)

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



16 SECTION: THRU TELLER (ADA)

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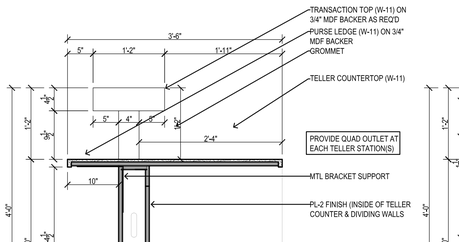

15 SECTION: THRU TELLER (ADA)

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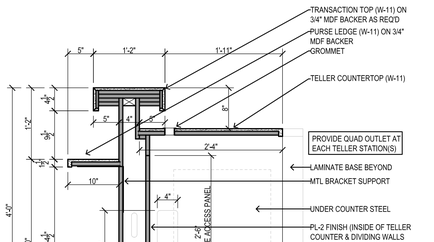
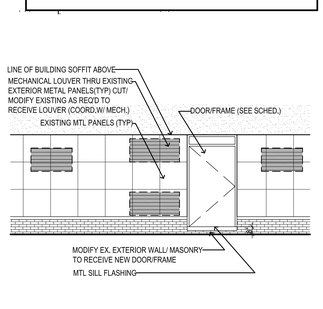


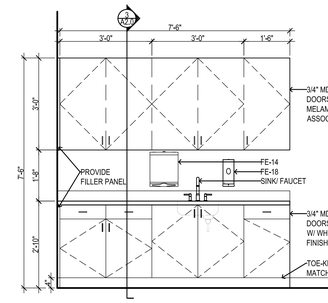
12 SECTION: THRU TELLER (TYP)

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



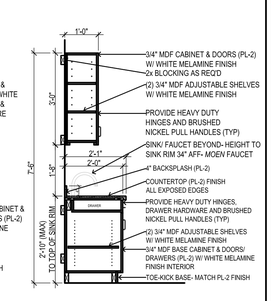
11 PARTIAL EXTERIOR ELEVATION

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



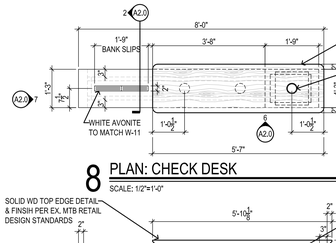
9 KITCHENETTE ELEVATION

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



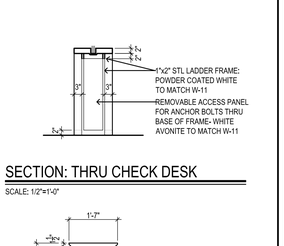
3 SECTION: THRU CABINETS

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



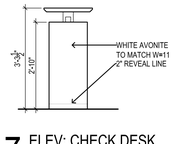
8 PLAN: CHECK DESK

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



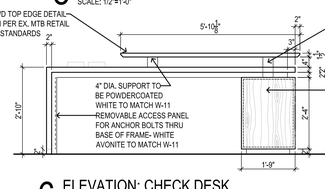
2 SECTION: THRU CHECK DESK

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



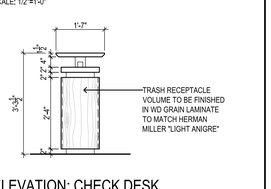
7 ELEV: CHECK DESK

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



6 ELEVATION: CHECK DESK

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



1 ELEVATION: CHECK DESK

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

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NOT FOR CONSTRUCTION

Revision:	Description:	Date:	Revised By:
	ISSUED FOR PERMIT	05/25/2022	RMT

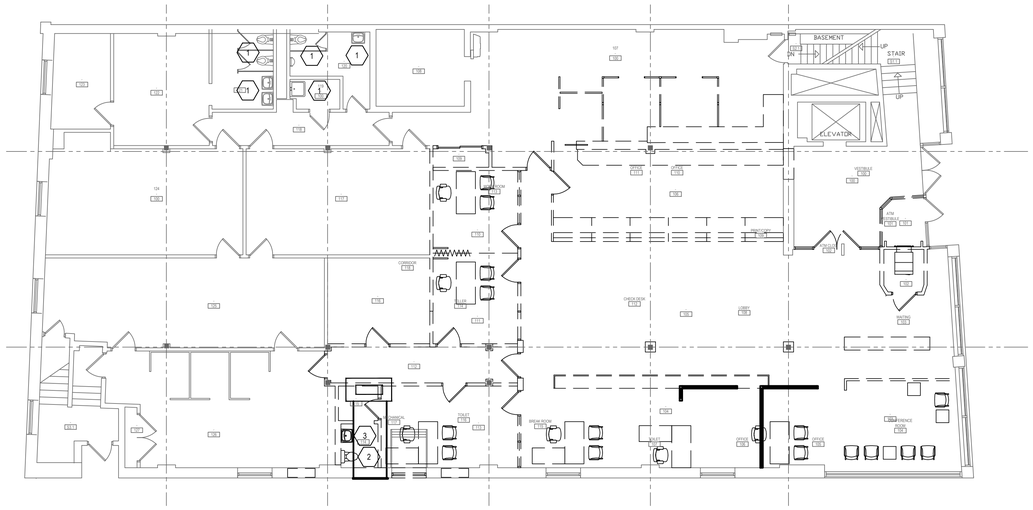
Project Title:

Branch Renovation at:
M&T Bank
1019 Park Street
Peekskill, NY 10566

Drawing Title:

PLANS, SCHEDULES, WALL TYPES & DETAILS

Date: 05/25/2022
Scale: AS NOTED
Drawn By: JDN
Project Number: 22-079
Drawing Number: A2.0



1 PLAN: DEMOLITION

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

NORTH

PULL 1 1/2" CW LINE FROM EXISTING MAIN

NEW WATER HEATER SEE DETAIL AND SCHEDULE FOR MORE INFORMATION

TRENCH SLAB AS REQUIRED TO CONNECT BACK TO EXISTING SANITARY. VERIFY SIZE OF EXISTING SANITARY AND EXACT CONNECTION POINT IN THE FIELD.

2 PLAN: CONSTRUCTION

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

NORTH

DEMOLITION KEY NOTES

1. EXISTING TO REMAIN.
2. DEMO EXISTING WATER CLOSET. PREP FOR NEW WATER CLOSET IN NEW LOCATION.
3. DEMO EXISTING LAVATORY. REMOVE ASSOCIATED PIPING AND TRIM. PREP FOR NEW LAVATORY IN NEW LOCATION.

PLUMBING PIPING SYSTEM LEGEND

EXISTING	NEW	DESCRIPTION
		DOMESTIC COLD WATER
		DOMESTIC HOT WATER SUPPLY
140°	140°	DOMESTIC 140°F HOT WATER SUPPLY
		DOMESTIC HOT WATER RETURN
S	S	SANITARY WASTE
S	S	SANITARY WASTE BELOW SLAB
V	V	SANITARY VENT
G	G	NATURAL GAS
G	G	NATURAL GAS BELOW SLAB
CD	CD	CONDENSATE DRAIN
IW	IW	INDIRECT WASTE
GW	GW	GREASE WASTE
GW	GW	GREASE WASTE BELOW SLAB

PLUMBING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	BALL VALVE
	CHECK VALVE
	GAS VALVE
	THERMOSTATIC MIXING VALVE
⋈	GATE VALVE
	SUPPLY VALVE
	REDUCED PRESSURE BACKFLOW PREVENTER
◉	FLOOR CLEANOUT
	FLOOR DRAIN
HB	HOSE BIBB
	VENT THROUGH ROOF
▶	RECIRCULATION PUMP
	WATER HAMMER ARRESTOR
TP	TRAP PRIMER
	"P" TRAP
	PIPE DOWN
	PIPE UP
	CAPPED PIPE
	CLEANOUT PLUG
	UNION
	DIRECTION OF FLOW
✕ ✕ ✕ ✕ ✕	PIPE OR EQUIPMENT TO BE DEMOLISHED
XXX	PLUMBING FIXTURE
XXX-A	ADA COMPLIANT PLUMBING FIXTURE

WORK KEY NOTES

1. EXISTING TO REMAIN.
2. INSTALL NEW WATER CLOSET AND TRIM IN NEW LOCATION. CONNECT NEW PIPING AND TRIM AS REQUIRED TO EXISTING FOR A COMPLETE INSTALLATION. VERIFY IN FIELD EXISTING CONDITIONS.
3. INSTALL NEW LAVATORY AND TRIM IN NEW LOCATION. CONNECT NEW PIPING AND TRIM AS REQUIRED TO EXISTING FOR A COMPLETE INSTALLATION. VERIFY IN FIELD EXISTING CONDITIONS.
4. INSTALL NEW KITCHEN SINK AND TRIM IN NEW LOCATION. CONNECT NEW PIPING AND TRIM AS REQUIRED TO EXISTING FOR A COMPLETE INSTALLATION. VERIFY IN FIELD EXISTING CONDITIONS.
5. INSTALL NEW WATER FOUNTAIN. CONNECT TO EXISTING CW & SANITARY LINES. SEE SCHEDULE FOR MORE INFORMATION.

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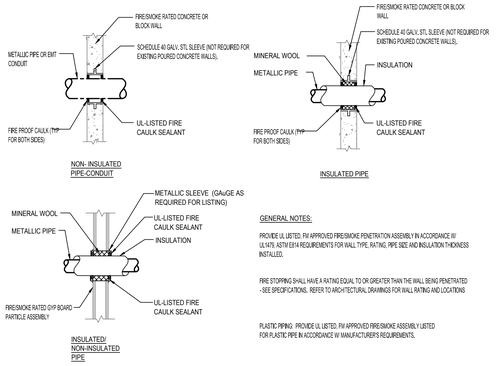
Project Title:
Branch Renovation at:
M&T Bank
1019 Park Street
Peekskill, NY 10566

Drawing Title:
PLUMBING PLANS,
NOTES, AND LEGEND

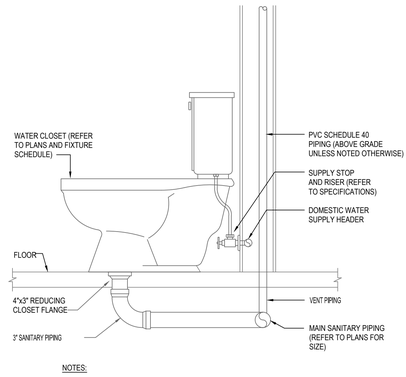
Date:
05/25/2022
Scale:
AS NOTED
Drawn By:
JDN
Project Number:
22-079
Drawing Number:

P1.0



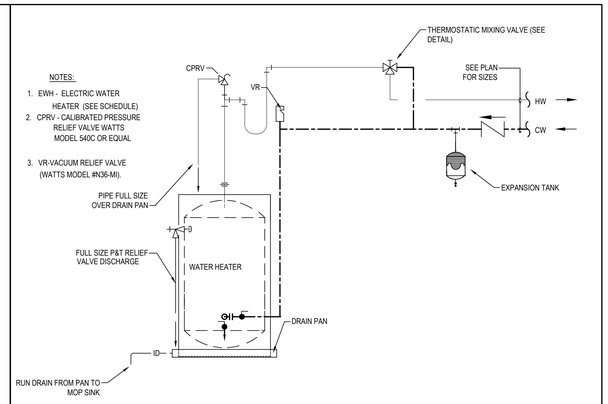
PIPE PENETRATION WITH FIRE/SMOKE SEAL

NOT TO SCALE



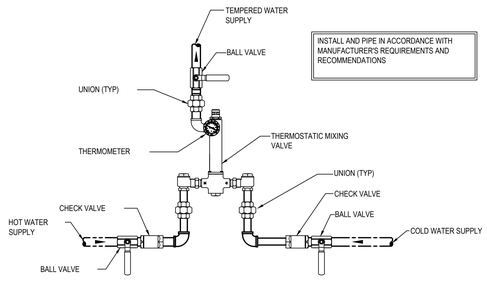
WATER CLOSET CONNECTION DETAIL

NOT TO SCALE



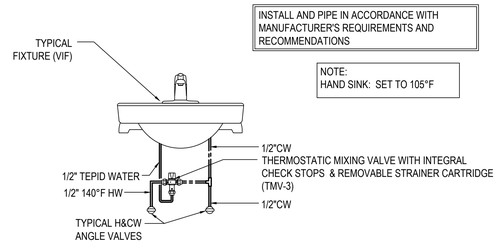
ELECTRIC WATER HEATER PIPING DIAGRAM

NOT TO SCALE



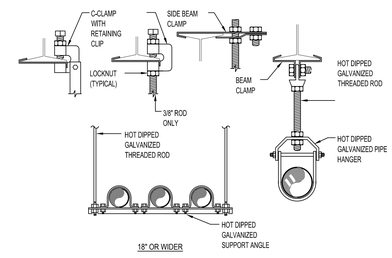
THERMOSTATIC MIXING VALVE DETAIL

NOT TO SCALE



POINT OF USE THERMOSTATIC MIXING VALVE DETAIL

NOT TO SCALE



PIPE SIZE	MAX SPACING STEEL PIPE EXCEPT THREADED LIGHTWALL	MAX SPACING STEEL PIPE THREADED LIGHTWALL
1", 1-/4"	12'-0"	12'-0"
1-1/2", 2", 2-1/2", 3"	15'-0"	12'-0"
4", 6", 8"	15'-0"	N/A
INSTALL HANGERS IN ACCORDANCE WITH NFPA 13 AND STRUCTURAL REQUIREMENTS		

PIPE SUPPORT DETAIL

NOT TO SCALE

PIPE AND FITTING SCHEDULE

DESCRIPTION	SIZE	PIPE		FITTING		REMARKS
		TYPE	SCHEDULE	TYPE	RATING	
SOIL, WASTE AND VENT ABOVE GROUND	ALL	CI-NH / PVC	SV / SCH 40	CI / PVC	SV	4 BAND FOR 4" AND SMALLER 6 BAND FOR LARGER THEN 4"
SOIL, WASTE AND VENT BELOW GROUND	ALL	CI-H&S / PVC	SV / SCH 40	CI / PVC	SV	--
DOMESTIC COLD WATER WITHIN BUILDING	ALL	COPPER	TYPE L	CUS	STD	HARD TEMPERED
DOMESTIC HOT WATER WITHIN BUILDING	ALL	COPPER	TYPE L	CUS	STD	HARD TEMPERED
DOMESTIC HOT WATER RECIRCULATION WITHIN BUILDING	ALL	COPPER	TYPE L	CUS	STD	HARD TEMPERED
INDIRECT WASTE AND CONDENSATE PIPING	ALL	COPPER	TYPE L	CUS	STD	HARD TEMPERED
DOMESTIC HOT & COLD WATER PIPING WITHIN BUILDING, BELOW SLAB	ALL	COPPER	TYPE K	CUS	STD	SOFT TEMPERED, NO JOINTS BELOW SLAB
DOMESTIC WATER SERVICE PIPING	2-1/2" AND SMALLER	COPPER	TYPE K	CUS	STD	SOFT TEMPERED, NO JOINTS BELOW SLAB
DOMESTIC WATER SERVICE PIPING	3" AND LARGER	CLDI	CLASS 52	DIMJ	250	--
TRAP PRIMER PIPING	ALL	PEX	--	--	--	NO JOINTS ALLOWED BELOW SLAB
GAS PIPING	2" AND SMALLER	STL-BLK	SCH. 40	MIT	CLASS 150	--
GAS PIPING	2-1/2" AND LARGER	STL-BLK	SCH. 40	WE	SCH. 40	--

NOTES:
1. TRANSITION COUPLINGS AND NO-HUB PIPE SHALL NOT BE INSTALLED BELOW SLAB OR IN ANY BURIED CONDITIONS IN CONTACT WITH EARTH

2. ALL PIPING IN RETURN AIR CEILING PLENUM INSTALLATIONS SHALL BE UL LISTED FOR THIS APPLICATION

3. MECHANICAL JOINTS ARE ALLOWED FOR SERVICE PURPOSED ONLY IN WALLS AND CEILINGS BUT MUST BE READILY ACCESSIBLE. 25/50 PVDF IS UL LISTED FOR RETURN AIR CEILING PLENUM ISTALLATIONS

ELECTRIC WATER HEATER SCHEDULE

MARK	MAKE & MODEL	STORAGE	RECOVERY @ TEMP. RISE	MIXING VALVE	ELECTRIC				REMARKS
					VOLTAGE	PHASE	AMPS	ELEMENT	
WH-1	AO SMITH/DEL-10	10 GAL.	15 GPH @ 80	THERMOSTATIC	208	1	--	3KW	

NOTES:
1. PROVIDE FACTORY INSTALLED HEAVY DUTY ELECTRICAL JUNCTION BOX, CONTROLS, WITH T-STATS SET ON 120°F.

2. INSTALL WATER HEATER IN ACCORDANCE TO SPC, SMC CODES, NEC, AND APPLICABLE STANDARDS AND MANUFACTURERS RECOMMENDATIONS.

3. CONTACT MANUFACTURERS REPRESENTATIVE FOR HEATERS ELECTRICAL DATA BEFORE FINAL ORDER IS MADE.

4. INSTALL WATER HEATER IN ACCORDANCE WITH BUILDING CODE - PLUMBING & MECHANICAL (WITH LATEST AMENDMENTS) CODES, ENERGY CODE, AND APPLICABLE STANDARDS AND MANUFACTURERS RECOMMENDATIONS.

5. PROVIDE BRASS DRAIN VALVE, & ALL REQUIRED OPTIONS TO COMPLETE THE INSTALLATION.

6. WATER HEATER SHALL BE WIRED FOR NON-SIMULTANEOUS ELEMENT OPERATION.

INSULATION SCHEDULE

SYSTEM	PIPE SIZE	INSULATION TYPE	INSULATION THICKNESS	FITTINGS, VALVES, FLANGES INSULATION TYPE	REMARKS
DOMESTIC COLD WATER	ALL	MINERAL FIBER, ASJ, SSL	1"	MOLDED, PRE-FORMED MINERAL FIBER WITH PVC JACKET	TYPE 1
DOMESTIC HOT WATER	ALL	MINERAL FIBER, ASJ, SSL	1"	MOLDED, PRE-FORMED MINERAL FIBER WITH PVC JACKET	TYPE 1
DOMESTIC WATER UNDERGROUND & INSLAB	ALL	CLOSED CELL	1"	ARMAFLEX	-- --
CONDENSATE	ALL	MINERAL FIBER, ASJ, SSL	1/2"	MOLDED, PRE-FORMED MINERAL FIBER WITH PVC JACKET	TYPE 1
FLOOR DRAIN TRAP IN MECHANICAL ROOM	ALL	MINERAL FIBER, ASJ, SSL	1"	MOLDED, PRE-FORMED MINERAL FIBER WITH PVC JACKET	TYPE 1 INCLUDE 8' HORIZONTAL RUN

NOTES:
1. FIBERGLASS INSULATION: THERMAL CONDUCTIVITY .22 TO .28BTU x IN./H x FT x °F W/ 100°F MEAN TEMP. THICKNESS BASED ON ASHRAE 90.1, 1999 6.2.4.5

2. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

VALVE SCHEDULE

DESCRIPTION	SIZE	TYPE						CLASS	REMARKS
		GATE	GLOBE	CHECK	BALL	PLUG	BALANCE		
DOMESTIC COLD WATER	3" AND SMALLER	GVT	GLVT	CVT	BVT	--	--	125PSI	--
DOMESTIC HOT WATER	3 AND SMALLER	GVT	GLVT	CVT	BVT	--	CBV	125PSI	--
BACKFLOW PREVENTER	2" AND SMALLER	--	--	--	BVT	--	--	125PSI	--
BACKFLOW PREVENTER	2-1/2" AND LARGER	GVF	--	--	--	--	--	125PSI	--
GAS	2" AND SMALLER	--	--	--	--	PGVT	--	125PSI	--
GAS	2-1/2" AND LARGER	--	--	--	--	PGVF	--	125PSI	--

NOTES:
1. SOLENOID VALVE: UL LISTED, FM APPROVED FOR GAS SERVICE, EXPLOSION PROOF, TWO -WAY NORMALLY CLOSED. ASCO 8044 SERIES W/MANUAL RESET. (EMERGENCY GAS SHUT-OFF VALVE ASSEMBLY)

2. CALIBRATED PRESSURE RELIEF VALVE: INSTALL A MINIMUM OF 12" ABOVE WATER HEATER AND PIPE DISCHARGE TO ADEQUATE LOCATION. WATTS MODEL 540C

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
BVT	BALL VALVE THREADED - 2-PIECE, FULL PORT, 400PSI, BRONZE	CVT	CHECK VALVE THREADED - BRONZE
CBV	CALIBRATED BALANCING VALVE - BRONZE	GVT	GATE VALVE THREADED - BRONZE
CPRV	CALIBRATED PRESSURE RELIEF VALVE	PGVT	PLUG VALVE THREADED - AGA APPROVED

PLUMBING FIXTURE/EQUIPMENT SCHEDULE

MARK	FIXTURE, MODEL NUMBER AND DESCRIPTION	ROUGH-IN			
		WASTE/ SANITARY	VENT	CW	HW
W-1A	WATER CLOSET & PISTON FLUSH VALVE , 16-1/2" ADA FLOOR MOUNTED, AMERICAN STANDARD, MADERA FLO WISE, 1.28 GPF, MODEL # 2857.128, VITREOUS CHINA, ELONGATED BOWL, 1-1/2" TOP SPUD, SIPHON JET TOILET WITH WALL SUPPLY. MANUAL FLUSH VALVE, AMERICAN STANDARD #5905.100 EXTRA HEAVY OPEN FRONT SEAT. PROVIDE ALL ITEMS REQUIRED FOR COMPLETE INSTALLATION.	4"	2"	1"	--
L-1A	LAVATORY, WALL HUNG, AMERICAN STANDARD, DECORUM MODEL # 9024.00EC, VITREOUS CHINA WALL MOUNT LAVATORY, MOEN MODEL # 8894 SINGLE HANDLE METERING FAUCET, 0.5 GPM, 0.25 GALLON PER CYCLE. ADJUSTABLE 5-50 SECTIONS, 1-1/2" CHROME PLATED CAST BRASS P-TRAP , SUPPLIES, BRASS ANGLE STOPS WITH LOOSE KEY OPERATION, GRID DRAIN, ETC. FOR COMPLETE INSTALLATION. COORDINATE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO INSTALLATION.	1-1/2"	1-1/2"	1/2"	1/2"
DF-1	DRINKING FOUNTAIN	2"	1-1/2"	1/2"	--
SA	RRWATER HAMMER ARRESTOR, PRECISION PLUMBING PRODUCTS (PPP.) SC SERIES, 1/2"-1", SIZE PER MANUFACTURE RECOMMENDATIONS AND REQUIREMENTS	--	--	1/2"-1"	--

NOTES:
1. LAVATORY SUPPLY SHALL BE BRASS W/ BRASS ANGLE STOPS FOR 1/2" WATER SUPPLY LINES, W/ LOOSE KEY (W/CAP), AND WALL FLANGE. ALL COMPONENTS SHALL BE POLISHED CHROME FINISH. MANUFACTURER: BRASS CRAFT OR APPROVED EQUAL.

2. CAST BODY "P" TRAP 1-1/2" x 1-1/2" WITH HEAVY CAST J-BEND & FLAT CLEANOUT PLUG, SLIP NUTS AND WALL FLANGE. ALL COMPONENTS SHALL BE POLISHED CHROME FINISH. MANUFACTURER: BRASS CRAFT OR APPROVED EQUAL.

3. STRAINERS SHALL BE FURNISHED WITH FIXTURES AS REQUIRED. FOR H/C LAVATORY OR SINKS PROVIDE OFFSET TAILPIECE.

4. PROVIDE TRUEBRO MODEL 103 (WHITE), ANTIMICROBAL HANDI LAV-GUARDS INSTALLATION KIT FOR ALL WHEELCHAIR LAVATORY & SINKS FOR WATER SUPPLIES & WASTE LINE.

5. THE PLUMBING FIXTURES VENDOR SHALL COORDINATE WITH THE PLUMBING AND GENERAL CONTRACTOR ALL PLUMBING FIXTURES ROUGH IN DIMENSIONS BEFORE CONSTRUCTION BEGIN.

6. UNLESS SHOWN ABOVE, PLUMBING FIXTURES MANUFACTURER, TRIM COLOR AND FINISH SHALL BE FURNISHED AS DIRECTED BY OWNER/ARCHITECT.

7 REFER TO ARCHITECTURAL DRAWINGS FOR STANDARD, A.D.A MOUNTING AND CHILD HEIGHTS. REFER TO ARCHITECTURAL FOR LOCATION OF A.D.A COMPLIANT SHOWER SEAT AND SHOWER BARS

8. CONTRACTOR TO PROVIDE AN EXTRA 10% OF BATTERIES, AERATORS, CARTRIDGE, ETC...

9. ALL HARD WIRED FAUCETS TO A HAVE BOX MOUNTED TRANSFORMER ABOVE CEILING. REFER TO ELECTRICAL DOCUMENTS FOR LOCATIONS AND CONNECTION POINT.

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Drawing Title:
PLUMBING DETAILS & SCHEDULES

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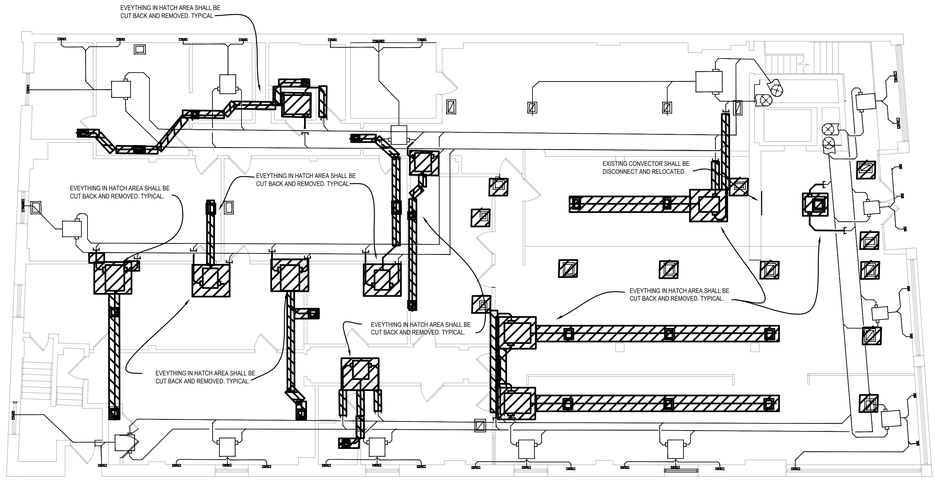
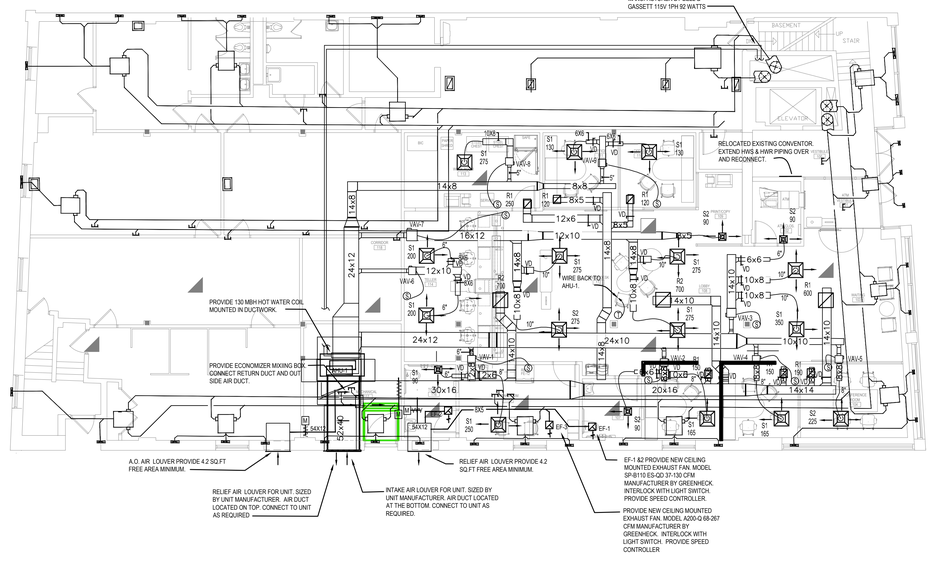
P2.0



1 PLAN: MECHANICAL DEMOLITION

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

NORTH



2 PLAN: MECHANICAL PLAN

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

NORTH

1.1 GENERAL

A. ARCHITECTURAL GENERAL CONDITIONS ARE A PART OF THIS DIVISION. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NEW YORK STATE BUILDING CODE, FIRE CODE, AND LOCAL CODES AND ORDINANCES INCLUDING THE 2008 NYC MECHANICAL CODE. ALL EQUIPMENT SHALL BE UL LISTED. THE CONTRACTOR SHALL BEAR THE COST OF ALL FEES, PERMITS, LICENSES AND TAXES, IN CONNECTION WITH HIS WORK.

B. SUBMIT ONE (1) COPIES OF MANUFACTURER'S DRAWINGS OF THE FOLLOWING TO THE ARCHITECT FOR APPROVAL: HVAC EQUIPMENT.

C. SUBMIT ONE (1) COPIES OF DUCTWORK SHOP DRAWINGS SHOWING CLEARANCES WITH STRUCTURAL MEMBERS AND MAJOR EQUIPMENT OF OTHER TRADES.

D. THE CONTRACTOR SHALL PROVIDE A GUARANTEE COVERING ALL MATERIAL AND WORKMANSHIP FOR ONE (1) YEAR FOLLOWING THE DATE OF ACCEPTANCE, EXCEPT THAT REFRIGERATION COMPRESSORS SHALL BE GUARANTEED FOR A PERIOD OF FIVE (5) YEARS.

E. UPON COMPLETION OF THE PROJECT, CONTRACTOR SHALL FULLY INSTRUCT THE OWNER IN THE OPERATION, ADJUSTMENT AND MAINTENANCE OF ALL EQUIPMENT AND SYSTEMS FURNISHED.

F. THE CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL DRAWINGS AND THE DRAWINGS AND SPECIFICATIONS OF OTHER TRADES TO DETERMINE THE EXTENT OF WORK. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE PROJECT AND LOCAL CONDITIONS BEFORE SUBMITTING A BID. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. IF SO DIRECTED BY THE ARCHITECT OR ENGINEER, THE CONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS IN THE LAYOUT TO PREVENT CONFLICT WITH THOSE OF OTHER TRADES AND FOR PROPER INSTALLATION OF WORK. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF AIR DIFFUSERS, REGISTERS AND GRILLES. THE CONTRACTOR SHALL COORDINATE LOCATIONS OF EQUIPMENT WITH ALL TRADES BEFORE STARTING CONSTRUCTION. ANY MODIFICATIONS TO THE EQUIPMENT LAYOUT REQUIRED FOR INSTALLATION ARE TO BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.

G. THE CONTRACTOR SHALL ARRANGE HIS WORK SO THAT ANY SHUTDOWN DOES NOT INTERFERE WITH THE OWNER'S OPERATION OF THE EXISTING FACILITY.

H. ALL EQUIPMENT AND PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

I. CONTRACTOR SHALL PROVIDE OWNER WITH THREE (3) SETS OF COMPLETE MAINTENANCE AND OPERATING INSTRUCTIONS, AND TECHNICAL DATA, IN BOOKLET FORM, OF ALL EQUIPMENT AND DEVICES FURNISHED IN CONTRACT, INCLUDING AS-BUILT DRAWINGS FOR THE PROJECT. CONTRACTOR SHALL WALK THROUGH THE COMPLETED PROJECT WITH THE OWNER AND INSTRUCT OWNER ON OPERATION AND MAINTENANCE OF THE HVAC SYSTEMS AND EQUIPMENT.

1.2 SCOPE OF WORK

A. DEMOLITION: DISCONNECT, REMOVE, AND PROPERLY DISPOSE OF ALL HVAC EQUIPMENT AND MATERIALS NOT BEING REUSED AS PART OF THIS PROJECT. CAREFULLY STORE ALL EQUIPMENT AND MATERIALSL TO BE RE-USED. PROPERLY CAP ALL WORK IN A CONCEALED LOCATION.

B. FURNISH AND INSTALL A COMPLETE HVAC SYSTEM INCLUDING, BUT NOT LIMITED TO: DUCTWORK, DIFFUSERS AND REGISTERS AND GRILLES, AUTOMATIC TEMPERATURE CONTROLS, EQUIPMENT IDENTIFICATION, EXHAUST FANS, AIR CONDITIONING UNITS, MECHANICAL INSULATION, TESTING AND BALANCING AND ALL OTHER EQUIPMENT AS SHOWN ON THE DRAWINGS AND HEREIN SPECIFIED.

C. SYSTEM SHALL BE COMPLETE IN ALL RESPECTS, TESTED, ACCEPTED AND READY FOR THE BENEFICIAL USE OF THE OWNER.

1.3 FILTERS

A. ANY EQUIPMENT WHICH OPERATES WITH FILTERS SHALL HAVE FILTERS INSTALLED AT ALL TIMES.

B. WHEN EQUIPMENT AND SYSTEMS ARE OFFICIALLY TURNED OVER TO THE OWNER, ALL EQUIPMENT SHALL BE CLEAN AND HAVE CLEAN, NEW FILTERS INSTALLED.

1.4 WORK BY OTHERS

A. CUTTING AND PATCHING SHALL BE BY THE GENERAL CONTRACTOR.

B. ACCESS DOORS SHALL BE PROVIDED WHERE REQUIRED BY THE GENERAL CONTRACTOR.

C. CHASES, OPENINGS AND FINISH WORK SHALL BE PERFORMED BY THE GENERAL CONTRACTOR.

D. EXCEPT FOR FACTORY INSTALLED COMPONENTS, ALL DISCONNECT SWITCHES AND STARTERS ARE SPECIFIED ON THE ELECTRICAL DRAWINGS. ALL POWER WIRING TO MOTORS, STARTERS, CONTROLLERS, ALARMS, AND ALL ELECTRICAL DEVICES, INCLUDING DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT, SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.

1.5 FIELD MEASUREMENTS

A. THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL MEASUREMENTS NECESSARY FOR THE WORK. VERIFY THERMOSTAT AND SENSOR LOCATIONS WITH THE OWNER BEFORE INSTALLATION.

B. THE CONTRACTOR SHALL COORDINATE SUPPLY AND RETURN DUCTWORK LOCATIONS WITH STEEL, CONDUITS AND PIPING OF OTHER TRADES.

1.6 MATERIALS AND METHODS

A. DUCTWORK:

1) ALL DUCTWORK AND ACCESSORIES SHALL BE CONSTRUCTED, FABRICATED AND INSTALLED IN ACCORDANCE WITH THE LATEST SMACNA STANDARDS MANUALS FOR LOW PRESSURE, HIGH PRESSURE, FIRE DAMPER INSTALLATIONS AND FLEXIBLE DUCTS.

2) AIR CONDITIONING SUPPLY DUCTWORK FROM PACKAGED HVAC EQUIPMENT TO AIR OUTLETS SHALL BE GALVANIZED STEEL WITH ONE (1") INCH ACOUSTICAL DUCT LINER AS INDICATED ON DRAWINGS, ONE (2") INCH STATIC PRESSURE CLASSIFICATION, SEAL CLASS "C".

3) FLEXIBLE DUCTS TO AIR OUTLETS SHALL BE UL CLASS 1 CONNECTORS WITH AIRTIGHT CORE, GALVANIZED WIRE HELIX AND PREINSULATED WITH ONE (1") INCH, 3/4 PCF FIBERGLASS WITH A FLAME RETARDANT VAPOR BARRIER, FLEXMASTER TYPE IX.

4) RETURN AIR DUCTWORK INSTALL ADEQUATE BALANCING DEVICES, E.G., VOLUME DAMPERS, EXTRACTORS, ETC., AS REQUIRED TO BALANCE EACH SYSTEM TO ITS DESIGN AIRFLOWS. INSTALL VOLUME DAMPERS AT ALL TAKEOFFS TO DIFFUSERS AND REGISTERS.

5) ALL DIFFUSERS, REGISTERS AND GRILLES SHALL BE FIRMLY ATTACHED TO AND SUPPORTED BY THE DUCT SYSTEM. WHERE FLEXIBLE DUCTS ARE USED, THE DIFFUSER, REGISTER OR GRILLE SHALL BE FIRMLY ATTACHED TO AND SUPPORTED BY THE BUILDING STRUCTURE.

o. IN THE CASE OF CEILING DIFFUSERS INSTALLED IN ACOUSTIC CEILING TILES, THE DIFFUSER SHALL BE BRACKETED TO THE CEILING SUPPORT GRID AND FIRMLY ATTACHED TO THE BRACKET AND THE GRID WITH SUITABLE CLIPS, SCREWS, WIRE TIES OR OTHER METHOD, SO AS NOT TO IMPOSE ANY LOAD ON THE CEILING TILE ITSELF.

B. INSULATION SYSTEMS:

1) CONCEALED AIR CONDITIONING SUPPLY DUCT SYSTEMS SHALL BE INSULATED WITH 1-1/2-INCH THICK FIBERGLASS DUCT WRAP (MINIMUM R5) WITH CONTINUOUS VAPOR BARRIER.

2) ACOUSTICAL LINING, WHERE SHOWN, SHALL BE NOMINAL ONE (1") INCH THICK FIBERGLASS DUCT LINER, UNLESS OTHERWISE INDICATED.

3) INSULATE REFRIGERANT SUCTION PIPING WITH 1/2" ARMAFLEX CLOSED CELL INSULATION. PROVIDE MANUFACTURER'S PROTECTIVE COVER OVER EXTERIOR INSULATION.

1.7 FIRE-STOPS

A. ALL PENETRATIONS THROUGH FIRE RATED WALLS, CEILINGS OR FLOORS IN WHICH PIPES OR DUCTS PASS SHALL BE SEALED WITH A UL APPROVED FIRE-STOP FITTING CLASSIFIED FOR AN HOURLY RATING EQUAL TO THE RATING OF THE WALL, CEILING OR FLOOR.

1.8 BALANCING AIR SYSTEMS

A. THIS CONTRACT IS FOR ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR BALANCING THE AIR AND WATER SYSTEMS.

B. BALANCING SHALL BE PERFORMED BY A FULLY QUALIFIED TESTING AND BALANCING TECHNICIAN, CERTIFIED BY THE AABC OR THE NEBB. HE SHALL ADHERE THE PROCEDURES AND METHODS OUTLINED BY THE AABB OR NEBB.

C. AIR SYSTEMS TO BE BALANCED INCLUDE ALL THE SUPPLY, RETURN, AND EXHAUST SYSTEMS. BALANCING SHALL INCLUDE REBALANCING (ADJUSTING OF SHEAVES AND REPLACING BELTS, IF NEEDED) OF EXHAUST FANS, AND ROOFTOP UNITS AS REQUIRED TO PROVIDE AIR FLOWS SPECIFIED. THE BALANCING CONTRACTOR SHALL SECURE A SET OF AS-BUILT DUCTWORK PLANS PRIOR TO COMMENCING WORK.

D. THE BALANCING CONTRACTOR SHALL ATTEND A COORDINATION MEETING WITH THE HVAC AND ATCS CONTRACTOR TO COORDINATE SENSOR LOCATIONS.

E. UPON COMPLETION OF ALL TESTS AND BALANCING OPERATIONS, THE CONTRACTOR SHALL SUBMIT ONE (1) COPIES OF A CERTIFIED BALANCING REPORT TO THE ENGINEER. THIS REPORT SHALL INCLUDE ALL DATA FOR EACH OF THE AIR AND WATER SYSTEMS.

F. BALANCING OF SYSTEMS SHALL BE FOLLOWED UP AFTER BUILDING IS OCCUPIED; ONE SITE TRIP FOR REBALANCING SHALL BE DONE AS REQUIRED TO MEET OCCUPANT'S REQUIREMENTS WITHOUT EXTRA CHARGE.

1.9 SEISMIC RESTRAINT

A. GENERAL: THIS PROJECT IS IN A SEISMIC ZONE PER STATE AND/OR LOCAL CODES AND ORDINANCES AND ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED, SUPPORTED, AND SEISMICALLY RESTRAINED ACCORDINGLY.

1.10 IDENTIFICATION

A. ALL DUCTWORK, PIPING, EQUIPMENT, AND VALVES SHALL BE IDENTIFIED IN COMPLIANCE WITH ASME A13.

B. DUCTWORK SHALL BE IDENTIFIED WITH NAME AND FLOW DIRECTION AT LEAST EVERY 20 FT. WITH ADHESIVE IDENTIFICATION LABELS.

C. EQUIPMENT SHALL BE IDENTIFIED WITH ENGRAVED PLASTIC MARKERS.

1.11 AUTOMATIC TEMPERATURE CONTROLS

A. EXISTING THERMOSTATS SHALL BE RELOCATED AND CONTROLS WIRING EXTENDED. CONTROLS SHALL BE TESTED AND ANY NECESSARY REMEDIAL WORK DONE FOR A COMPLETE OPERATING SYSTEM. PROVIDE NEW THERMOSTATS TO REPLACE ALL INOPERATIVE THERMOSTATS, OR IF NO EXISTING T'STATS ARE FOUND.

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Project Title:

Branch Renovation at:
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1019 Park Street
Peekskill, NY 10566

Drawing Title:

MECHANICAL PLANS, & GENERAL NOTES

Date: 05/25/2022
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AIR-COOLED SELF-CONTAINED UNIT SCHEDULE

SYMBOL	SUPPLY FAN			MIN OUTSIDE AIR	COOLING				VOLTS/Ø	COMPRESSOR				EVAP FAN		COND FAN		MCA	MAX FUSE / CKT. BKR. AMP	FILTERS	MODEL / MANUFACTURER DSV120B2M3	NOTES	WEIGHT
					CAPACITY		EAT	AMBIENT															
	TOTAL CFM	ESP	HP	(CFM)	TOTAL (MBH)	SENS. (MBH)	db/wb (°F)	(°F)		QTY		RLA	LRA	HP	FLA	HP	FLA						
AHU-1	4000	1.0	2	600	123	77.2	80/67	95	208/3	2	@	15.9	110.0	3	8.5	3	8.5	52.78	60	MERV 13	JOHNSON CONTROLS	1,2,3,4,5,6,7	980

1. BASED ON JOHNSON CONTROLS OR EQUAL. CONTRACTOR SHALL VERIFY PERFORMANCE, SIZE, SPACE, SUPPLY OPENINGS, RETURN OPENINGS, DISCHARGE OPENINGS AND ELECTRICAL REQUIREMENTS OF EQUIPMENT PRIOR TO ORDERING EQUIPMENT.
2. UNIT SHALL BE PROVIDED WITH , ECONOMIZER CAPABILITY, UNIT MOUNTED CIRCUIT BREAKER, POWERED CONVENIENCE OUTLET, FREEZESTAT, CLOGGED FILTER SWITCH, FAN FAILURE SWITCH. FAN STARTERS SHALL BE PROVIDED BY UNIT MANUFACTURER . WIRED BY ELECTRICAL CONTRACTOR.
3. PROVIDE MOTORIZED DAMPERS FOR THE RETURN AIR , AND OUTSIDE AIR.
4. PROVIDE WITH CONDENSATE DRAIN AND AIR GAP AS REQUIRED PER CODE.
5. PROVIDE VFD ON SUPPLY FAN.
6. PROVIDE WITH HOT GAS BYPASS
7. PROVIDE UNIT WITH HOT WATER COIL

VAV BOX SCHEDULE

REF. NO.	MODEL	MFGR	INLET DIA. (IN)	COOLING		ELECT. DATA	REMARKS
				CFM MAX.	CFM MIN.	V/Ø/HZ	
VAV-1	VCCF06	TRANE	6"	340	170	24V	1-6
VAV-2	VCCF05	TRANE	5"	255	127	24V	1-6
VAV-3	VCCF08	TRANE	8"	700	350	24V	1-6
VAV-4	VCCF04	TRANE	4"	165	85	24V	1-6
VAV-5	VCCF05	TRANE	5"	225	112	24V	1-6
VAV-6	VCCF06	TRANE	6"	400	200	24V	1-6
VAV-7	VCCF10	TRANE	10"	1190	600	24V	1-6
VAV-8	VCCF05	TRANE	5"	275	137	24V	1-6
VAV-9	VCCF05	TRANE	5"	260	130	24V	1-6

REMARKS:
1. TRANSITION ON INLET AND OUTLET OF UNITS AS REQUIRED TO MANUFACTURERS RECOMMENDATIONS.
2. PROVIDE EACH VAV WITH DISCONNECT SWITCH, CONTROL TRANSFORMER AND SAFETY INTERLOCKS.
3. CONTROLS FURNISHED BY TEMPERATURE CONTROL CONTRACTOR AND MOUNTED BY DAMPER MANUFACTURER.
4. PROVIDE MULTIPLE DAMPERS ACTUATORS CONTROL ETC. AS REQUIRED TO ACHIEVE LISTED QUANTITIES. CONTRACTORS TO DUCT AS REQUIRED.
5. ALL VAV BOXES AND COILS SHALL BE ARI RATED.
6. PROVIDE WITH ELECTRICAL CONTROL (DDC INTERFACE TO EXISTING BMS.

SUPPLY DIFFUSER/GRILLE SCHEDULE

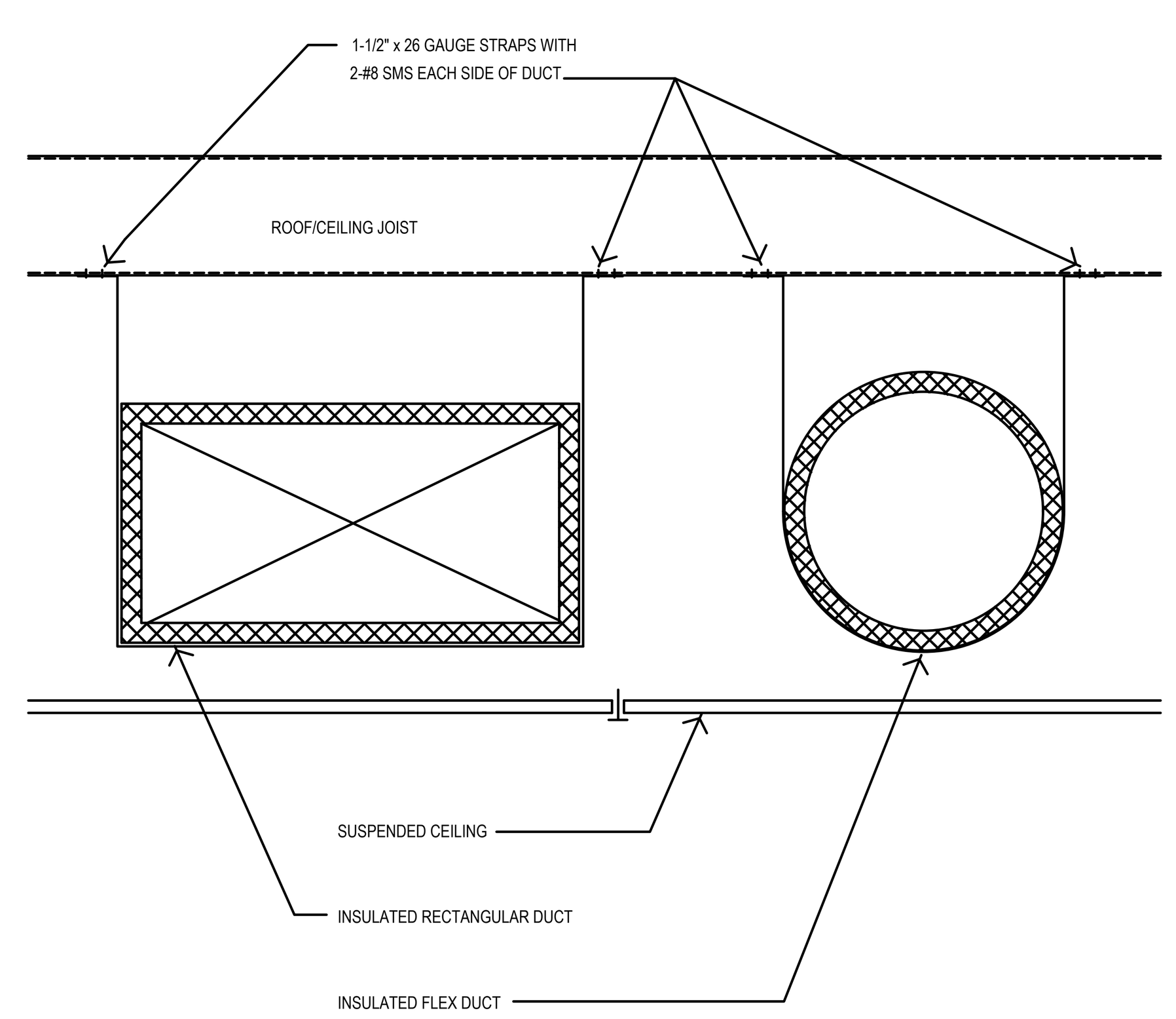
TAG	SIZE	NECK SIZE	TYPE	CFM	MAX TOTAL PRESSURE (IN. WG)	MAX NC	MAX NECK VEL (FPM)	MANUFACTURER	MODEL NO.	NOTES
S1	24X24	NOTED ON DRAWINGS	CEILING MOUNTED	0-900	.02	17	500	PRICE	SCD	1,2
S2	12X12	NOTED ON DRAWINGS	CEILING MOUNTED	0-200	.02	17	500	PRICE	SCD	1,2

1. INSTALL DUCT VOLUME DAMPERS IN BRANCH DUCTS TO ALL DIFFUSERS.
2. SURFACE MOUNTED WITH SCREWED FLANGE.

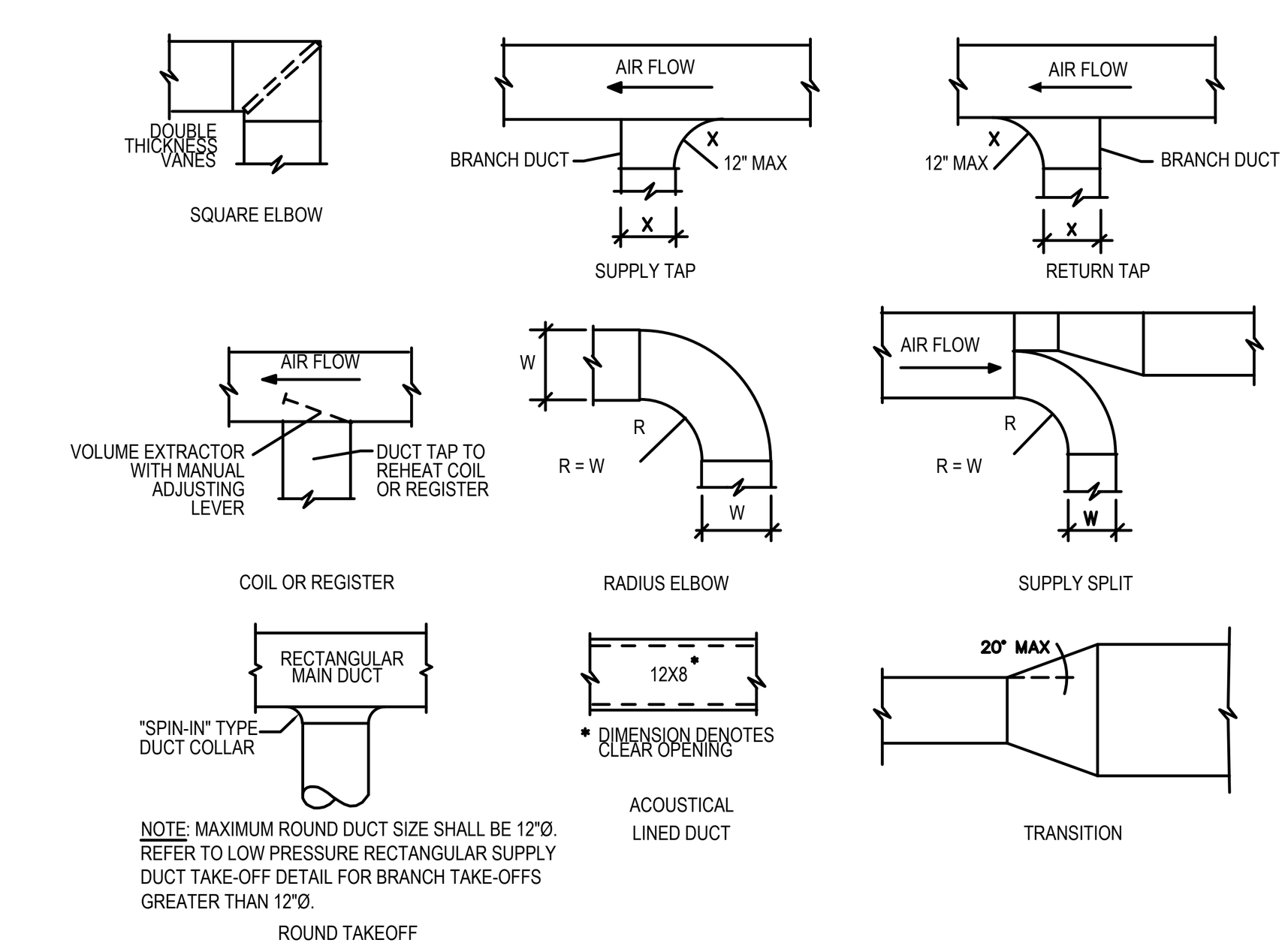
RETURN/EXHAUST GRILLE SCHEDULE

TAG	SIZE	TYPE	CFM	MAX STATIC PRESSURE (IN. WG)	MAX NC	MANUFACTURER	MODEL	NOTES
R1	12X12	CEILING RETURN	75-250	.02	17	PRICE	530	1,2,3
R2	24X24	CEILING RETURN	501-950	.02	17	PRICE	530	1,2,3

1. FURNISH WITH FRAME AND BORDER FOR SURFACE MOUNTING OR LAY-IN AS REQUIRED.
2. DUCT RUNOUTS TO GRILLES SHALL BE NECK SIZE OR EQUIVALENT.
3. INSTALL DUCT VOLUME DAMPERS IN BRANCH DUCTS TO ALL DIFFUSERS.

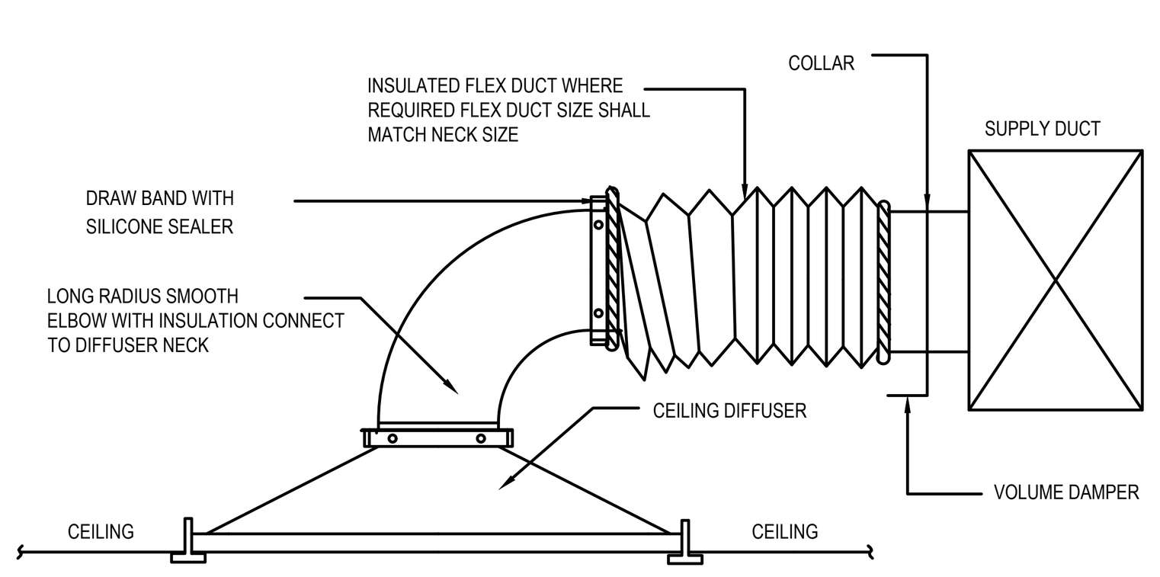


1 M2 DUCT STRAP HANGER DETAIL
NOT TO SCALE



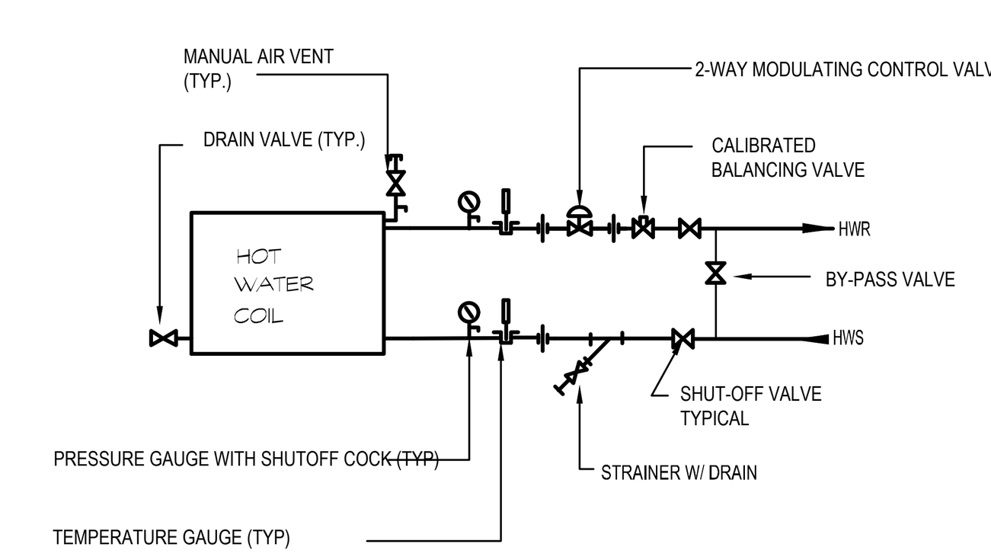
NOTE: SPECIFICATIONS EXCEED SMACNA STANDARDS IN SOME INSTANCES. SMACNA SHALL BE CONSIDERED THE MINIMUM STANDARD UNLESS OTHERWISE NOTED

2 M2 DUCT CONSTRUCTION DETAILS
NOT TO SCALE



NOTE:
FOR ALL CLASSROOM, PROVIDE AN ELBOW WITH THE SAME SIZE AS THE NECK OF DIFFUSER TO ACHIEVE REQUIRED ACOUSTICAL PERFORMANCE.

3 M2 TYPICAL DIFFUSER CONNECTION
NOT TO SCALE



4 M2 HW COIL PIPING DIAGRAM
NOT TO SCALE

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Project Title:
Branch Renovation at:
M&T Bank
1019 Park Street
Peekskill, NY 10566

Drawing Title:
MECHANICAL DETAILS & SCHEDULES

Date: 05/25/2022
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SPECIFICATIONS

VERTICAL MODELS

ALL MODELS ARE DESIGNED FOR FREE STANDING MOUNTING, OR ON A FIELD–FABRICATED STRUCTURAL STEEL STAND.
CABINET
ALL CABINETS SHALL BE COMPLETELY CONSTRUCTED OF HEAVY GAUGE CORROSION–RESISTANT STEEL.
THE ENTIRE UNIT INTERIOR (BOTH EVAPORATOR AND CONDENSING SECTION) SHALL BE INSULATED WITH
1/2" THICK, 2–LB. DENSITY INSULATION. SERVICE PANELS SHALL BE EQUIPPED WITH LIFTING HANDLES FOR
EASE OF REMOVAL AND HANDLING. DUCT FLANGES FOR CONDENSER DISCHARGE, CONDENSER INTAKE,
AND EVAPORATOR DISCHARGES SHALL BE PROVIDED WITH THE UNIT FOR FIELD INSTALLATION. DUCT FLANGE
ON EVAPORATOR RETURN SHALL BE INCORPORATED INTO THE FILTER FRAME.
COMPRESSORS
ALL MODELS SHALL UTILIZE HIGH–EFFICIENCY "SCROLL" TYPE, R–410A, HERMETIC COMPRESSORS. COMPRESSORS
SHALL BE MOUNTED ON RUBBER ISOLATORS TO MINIMIZE VIBRATION TRANSMISSION. INTERNAL
MOTOR OVERLOAD PROTECTION SHALL BE PROVIDED. EXTERNAL HIGH PRESSURE AND LOW PRESSURE
CUT–OUT SWITCHES ARE INCLUDED IN EACH COMPRESSOR CONTROL CIRCUIT. ALL 8–25 TON MODELS SHALL
HAVE TWO INDIVIDUAL SCROLL COMPRESSORS.
REFRIGERANT CIRCUITS
MODELS 5 TONS AND SMALLER HAVE A SINGLE REFRIGERATION CIRCUIT. EACH REFRIGERATION CIRCUIT IS
THOROUGHLY EVACUATED, AND FULLY CHARGED WITH R–410A REFRIGERANT BEFORE SHIPMENT. VERTICAL
MODELS 8–25 TONS SHALL HAVE TWO INDEPENDENT REFRIGERATION CIRCUITS, AND SHIP WITH A NITROGEN
HOLDING CHARGE ONLY. THE 8 TON HORIZONTAL MODEL IS FULLY CHARGED WITH R–410A REFRIGERANT
BEFORE SHIPMENT. EACH REFRIGERATION CIRCUIT INCLUDES AN ADJUSTABLE THERMAL EXPANSION
VALVE (WITH EXTERNAL EQUALIZER), LIQUID LINE FILTER DRIER, SIGHT GLASS/MOISTURE INDICATOR, A HIGH
REFRIGERANT PRESSURE SAFETY SWITCH, A LOW REFRIGERANT PRESSURE SWITCH (FOR COMPRESSOR PROTECTION),
AND SERVICE GAUGE PORTS.
EVAPORATOR AND CONDENSER COILS
THE EVAPORATOR AND CONDENSER COILS SHALL BE CONSTRUCTED OF INTERNALLY ENHANCED COPPER
TUBES MECHANICALLY BONDED TO ENHANCED–SURFACE ALUMINUM FINS. BOTH COILS SHALL BE EMPLOYED
IN A DRAW–THRU CONFIGURATION. LARGE EVAPORATOR COIL FACE AREA MINIMIZES POTENTIAL
FOR WATER BLOW–OFF.

INDOOR/OUTDOOR FANS
FORWARD CURVED, DOUBLE INLET AND DOUBLE WIDTH CENTRIFUGAL BLOWERS SHALL BE USED FOR BOTH
EVAPORATOR AND CONDENSER AIR MOVEMENT. BLOWER WHEELS SHALL BE FABRICATED OF GALVANIZED
STEEL. BLOWERS EMPLOY SOLID STEEL SHAFTS, SUPPORTED IN PERMANENTLY LUBRICATED BALL BEARINGS.
ALL BLOWERS SHALL BE BELT DRIVEN. VARIABLE–PITCH MOTOR SHEAVES ALLOW FOR FIELD ADJUSTMENT
OF BLOWER RPM. MOTOR SHALL BE 1750 RPM, OPEN DRIP PROOF DESIGN. FOR 20 AND 25
TON MODELS ONLY, THE INDOOR FAN SHALL HAVE TWO DISCRETE SPEEDS. HIGH AND LOW INDOOR FAN
DISCRETE SPEEDS ARE ACHIEVED BY MEANS OF VARIABLE FREQUENCY DRIVE (VFD). THE HIGH
SPEED IS AVAILABLE ONLY WHEN BOTH COMPRESSOR STAGES ARE ACTIVE. THE LOW SPEED (60% OF
HIGH SPEED IS RPM) IS ACTIVATED ONLY WHEN RUNNING SINGLE COMPRESSOR STAGE, FAN ONLY, OR
AIR SIDE ECONOMIZER.
FILTERS
ALL MODELS SHALL BE SHIPPED WITH 2–INCH THICK MEDIUM–EFFICIENCY THROWAWAY FILTERS FACTORY
INSTALLED.
ELECTRICAL/CONTROLS
ALL UNITS ARE COMPLETELY FACTORY WIRED WITH ALL NECESSARY CONTROLS. CURRENT OVERLOAD PROTECTION
IS PROVIDED ON BOTH EVAPORATOR AND CONDENSER MOTORS WITH EXTERNAL MANUAL RESET
OVERLOAD PROTECTION. THE 24 VOLT CONTROL CIRCUIT INCLUDES AN OVERSIZED TRANSFORMER WITH AN
INTERNAL CIRCUIT BREAKER.
MICROPROCESSOR CONTROLS
THE CONTROL SYSTEM MICROPROCESSOR BOARD SHALL BE SPECIFICALLY DESIGNED FOR AIR–COOLED UNIT
OPERATION.
A. UNIT SHALL BE COMPLETE WITH SELF–CONTAINED LOW–VOLTAGE CONTROL CIRCUIT.
B. UNIT SHALL INCORPORATE A LOCKOUT CIRCUIT WHICH PROVIDES RESET CAPABILITY AT THE SPACE
THERMOSTAT OR BASE UNIT, SHOULD ANY OF THE FOLLOWING STANDARD SAFETY DEVICES TRIP AND
SHUT OFF COMPRESSOR.
- LOSS–OF–CHARGE/LOW–PRESSURE SWITCH
- HIGH–PRESSURE SWITCH
- CONDENSATE OVERFLOW PROTECTION SWITCH

C. UNIT SHALL OPERATE WITH CONVENTIONAL THERMOSTAT DESIGNS AND HAVE A LOW VOLTAGE TERMINAL
STRIP FOR EASY HOOK–UP.
D. UNIT CONTROL BOARD SHALL HAVE ON–BOARD DIAGNOSTICS AND FAULT CODE DISPLAY.
E. STANDARD CONTROLS SHALL INCLUDE ANTI–SHORT CYCLE AND LOW VOLTAGE PROTECTION.
F. CONTROL BOARD SHALL MONITOR EACH REFRIGERANT SAFETY SWITCH INDEPENDENTLY.
G. CONTROL BOARD SHALL RETAIN LAST 5 FAULT CODES IN NON VOLATILE MEMORY WHICH WILL NOT BE LOST
IN THE EVENT OF A POWER LOSS.

FACTORY INSTALLED OPTIONS
OVERSIZED EVAPORATOR FAN MOTORS
INCREASED HORSEPOWER MOTOR AND DRIVE COMPONENTS FOR APPLICATIONS WHERE EXTERNAL STATIC
PRESSURE REQUIREMENTS EXCEED THE CAPABILITY OF THE STANDARD MOTOR.
CORROSION RESISTANT COATINGS
CONDENSER COIL SHALL RECEIVE A 1–MIL THICKNESS OF A CATHODIC EPOXY TYPE ELECTRO–DEPOSITION
COATING, APPLIED IN A MULTIPLE DIP AND BAKE PROCESS.
STAINLESS STEEL DRAIN PAN
EVAPORATOR DRAIN PAN SHALL BE FABRICATED OF 304 STAINLESS STEEL MATERIAL. THE 3/4" NPT
DRAIN CONNECTION FITTING IS ALSO FABRICATED OF 304 STAINLESS STEEL.
CONDENSATE OVERFLOW SWITCH
CONDENSATE OVERFLOW SWITCH SHALL BE MOUNTED IN THE EVAPORATOR DRAIN PAN AND IN THE
EVENT OF AN ALARM, SHUTOFF POWER TO UNIT COMPRESSOR.
HOT GAS BYPASS
ADJUSTABLE HOT GAS REGULATOR AND ALL NECESSARY PIPING SHALL BE INSTALLED ON LEAD COMPRESSOR
CIRCUIT. THE MODULATING REGULATOR DIVERTS HOT DISCHARGE GAS TO EVAPORATOR INLET. BYPASS
CAPACITY SHALL BE MINIMUM 50% OF COMPRESSOR CAPACITY. THE BYPASS VALVE OPENS AT A
PRESET SUCTION PRESSURE TO PREVENT COIL FREEZE–UP AT LIGHT EVAPORATOR LOAD, OR LOW AIRFLOW
CONDITIONS.
SUPPLY PRESSURE CONTROLLED VARIABLE FREQUENCY DRIVE
AIRFLOW MODULATION AND STATIC PRESSURE CONTROL SHALL BE ACHIEVED BY INCREASING OR DECREASING
THE SPEED OF THE VFD.
THE VFD SHALL BE APPROVED FOR PLENUM DUTY APPLICATIONS.
THE COMPRESSORS SHALL BE
STAGED TO MEET THE DISCHARGE AIR TEMPERATURE SET POINT. THE COMPRESSOR CIRCUIT #1 SHALL
HAVE FACTORY INSTALLED HOT GAS BYPASS.
THE INSTALLER SHALL PROVIDE AND INSTALL TWO SENSOR TUBING LINES COMPLETE WITH STATIC PRESSURE
TIPS FROM A FACTORY INSTALLED PRESSURE TRANSDUCER (LOCATED IN VFD ENCLOSURE) TO DUCT
LOCATIONS.
FIELD INSTALLED OPTIONS
LOW AMBIENT DAMPER KIT
HEAD PRESSURE CONTROL DAMPER KIT WILL ALLOW UNIT OPERATION DOWN TO 0 F AMBIENT. DAMPER
ASSEMBLY MOUNTS ON CONDENSER AIR EXHAUST.
OVERSIZED EVAPORATOR FAN MOTOR KIT
INCREASED HORSEPOWER MOTORS AND DRIVE COMPONENTS ARE AVAILABLE FOR FIELD INSTALLATION.

AIRSIDE ECONOMIZER
CONSISTING OF AN INTEGRATED MIXING BOX AND CONTROL ASSEMBLY, THE ECONOMIZER MATES EASILY
TO ALL D–SERIES AIR HANDLERS. A FACTORY SUPPLIED WIRING HARNESS AND JACK PLUG ASSEMBLY
SIMPLIFIES FIELD WIRING, REDUCING VALUABLE INSTALLATION TIME. NO ADDITIONAL CONTROLS OR TRANSFORMERS
ARE NECESSARY TO COMPLETE THE INSTALLATION.
THE MIXING BOX IS MANUFACTURED FROM HEAVY GAUGE STEEL AND COMPLETELY INSULATED WITH
ONE HALF INCH OF INSULATION. THE MIXING BOX IS COMPLETE WITH FULLY MODULATING OPPOSED
BLADE DAMPERS AND LINKAGE.
LOW LEAKAGE DAMPERS MEET THE CRITERIA OF LESS THAN 10 CFM PER SQUARE FOOT AT 4" W.G.
(0.5% AT 2000 FPM). ALL DAMPER BLADES ARE PROVIDED WITH NEOPRENE SEALS PROVIDING A TIGHT
SEAL AND QUIET OPERATION.
HONEYWELL W7215 ECONOMIZER CONTROL MODULE IS A MULTI–FUNCTIONAL CONTROLLER CAPABLE OF
ANALYZING DRY BULB, ENTHALPY AND AIR QUALITY INPUTS. AN OUTPUT FROM THE ECONOMIZER MODULE
WILL POSITION THE MIXING BOX DAMPERS TO PROVIDE ENERGY SAVING THROUGH THE INTRODUCTION OF
OUTSIDE AIR FOR FREE COOLING.
DISCHARGE PLENUM
PLENUMS SHALL MOUNT ON TOP OF THE EVAPORATOR SECTION, WITH FANS ARRANGED FOR VERTICAL DISCHARGE.
DOUBLE DEFLECTION GRILLS SHALL ALLOW AIR DISCHARGE IN MULTIPLE DIRECTIONS.

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NOT FOR CONSTRUCTION

Revision:	Description:	Revised By:	Date:
	ISSUED FOR PERMIT		05/25/2022

Project Title:
Branch Renovation at:
M&T Bank
1019 Park Street
Peekskill, NY 10566

Drawing Title:
MECHANIAL SPECIFICATION

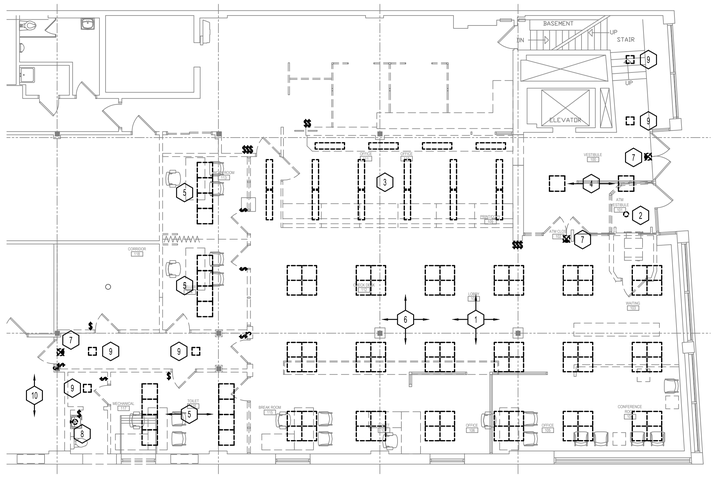
Date: 05/25/2022
Scale: AS NOTED
Drawn By: RL
Project Number: 22-079
Drawing Number:

M3.0

ELECTRICAL LEGEND

(NOT ALL SYMBOLS ARE USED)

	ELECTRICAL PANEL, 120/208 VOLT
	NON-FUSED DISCONNECT SWITCH
J	WALL MOUNTED JUNCTION BOX (LINE VOLTAGE), ACCORDING TO NEC REQUIREMENTS
J	CEILING MOUNTED JUNCTION BOX (LINE VOLTAGE), ACCORDING TO NEC REQUIREMENTS
J	FLOOR MOUNTED JUNCTION BOX (LINE VOLTAGE), ACCORDING TO NEC REQUIREMENTS
	TYPICAL RECESSED MOUNTED LIGHT FIXTURE. X-XX INDICATES FIXTURE TYPE AND x DENOTES SWITCH LEG
	RECESSED MOUNTED LIGHT FIXTURE WITH EMERGENCY BATTERY; REFER TO FIXTURE SCHEDULE
	RECESSED DOWN LIGHT FIXTURE
	RECESSED DOWN LIGHT FIXTURE WITH EMERGENCY BATTERY
	CEILING/WALL MOUNTED EXIT SIGN, SHADING INDICATES DIRECTION OF FIXTURE FACE. ARROW INDICATES DIRECTION OF CHEVRON
	TWIN HEAD EMERGENCY LIGHT WITH INTEGRAL BATTERY FOR 90 MINUTE EMERGENCY LIGHTING
$	SINGLE POLE SWITCH; MOUNT AT 48" AFF
$3	3-WAY SWITCH; MOUNT AT 48" AFF
$D	DIMMING SWITCH; MOUNT AT 48" AFF, 'LUTRON' DIVA OR APPROVED EQUAL COMPATIBLE WITH LOAD CONTROLLED
$30	MULTI LOCATION DIMMING SWITCH; MOUNT AT 48" AFF
$M	DUAL TECHNOLOGY, MOTION SENSOR SWITCH; MOUNT AT 48" AFF
$M1	COMBINATION DIMMER & DUAL TECHNOLOGY MOTION SENSOR SWITCH; MOUNT AT 48" AFF
VCS	CEILING MOUNTED OCCUPANCY SENSOR (DUAL TECHNOLOGY TYPE) WITH 360° COVERAGE - 'LEGRAND' DT-300 OR APPROVED EQUAL
	DUPLEX RECEPTACLE; MOUNT AT 18" AFF UNLESS OTHERWISE SPECIFIED. "D" DENOTES DEVICE TO BE ON DEDICATED CIRCUIT
	SINGLE RECEPTACLE; MOUNT AT 18" AFF UNLESS OTHERWISE SPECIFIED
	QUAD RECEPTACLE; MOUNT AT 18" AFF UNLESS OTHERWISE SPECIFIED
	DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER TOP TO BOTTOM OF DEVICE, OR 48" TO CENTER OF OUTLET NOT LOCATED ABOVE A COUNTER UNLESS OTHERWISE SPECIFIED. "HM" DENOTES DEVICE TO BE HORIZONTALLY MOUNTED
	QUAD RECEPTACLE MOUNTED 6" ABOVE COUNTER TO BOTTOM OF DEVICE, OR 48" TO CENTER OF OUTLET NOT LOCATED ABOVE A COUNTER UNLESS OTHERWISE SPECIFIED
WP	RECEPTACLE WITH OUTDOOR RATED "IN-USE" COVER PLATE, PROVIDE FLUSH MOUNTED BOX
GFI	GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE
	SPECIAL OUTLET CONFIGURATION, SEE NEMA #
TV TD	DUAL INPUT JACK - 1 VOICE & 1 DATA OUTLET WITH 4" x 4" x 2 1/8" DEEP OUTLET BOX, 1-GANG DEVICE RING, 3/4" C., 2 - CAT 6 PLENUM RATED CABLE (RUN BACK TO SERVER/NETWORK RACK), 2 - RJ45 JACK - CAT 6, DATA - FACE PLATE, MTD 18" AFF UNLESS OTHERWISE NOTED
W	WALL OUTLET WITH 1-GANG 2 1/2" DEEP OUTLET BOX, 1-GANG DEVICE RING, 3/4" C., CAT 6 PLENUM RATED CABLE, RJ45 JACK - CAT 6, WALL PHONE MOUNTING PLATE, MTD 48" AFF
F	FIRE ALARM MANUAL PULL STATION - 48"AFF U.O.N.
	FIRE ALARM HORN/STROBE DEVICE - 80"AFF MINIMUM TO BOTTOM OF STROBE U.O.N.
	FIRE ALARM STROBE LIGHT - 80"AFF MINIMUM TO BOTTOM OF STROBE U.O.N.
S	SMOKE DETECTOR, "R" DENOTES DEVICE TO BE RELOCATED TO LOCATION INDICATED
H	HEAT DETECTOR
S	DUCT MOUNTED IONIZATION SMOKE DETECTOR
FACP	FIRE ALARM CONTROL PANEL
FAA	FIRE ALARM REMOTE ANNUNCIATOR PANEL
X/X-X	BRANCH CIRCUIT HOMERUN ("X-X" INDICATES PANEL / "x" INDICATES CIRCUIT NUMBER)
	LIGHTING CONTROL WIRING
WAP	CEILING MOUNTED WIRELESS ACCESS POINT (WAP), "R" DENOTES RELOCATED EXISTING DEVICE
	CALL-FOR-AID CORRIDOR LIGHT/BUZZER, MOUNT MINIMUM 7'-6" AFF (BETWEEN TOP OF DOOR & CEILING)
E	CALL-FOR-AID SWITCH, MOUNT AT 36" AFF WITH PULL CORD HANGING DOWN TO 6" AFF
VFD	VARIABLE FREQUENCY DRIVE (FURNISHED WITH MECHANICAL UNIT, WIRED BY E.C.)
MD	120VAC CONNECTION TO MOTORIZED DAMPER (FURNISHED BY MECHANICAL CONTRACTOR, WIRED BY E.C.)
VAV-X	120VAC CONNECTION TO 24V TRANSFORMER SERVING VAV (FURNISHED BY MECHANICAL CONTRACTOR, WIRED BY E.C.)

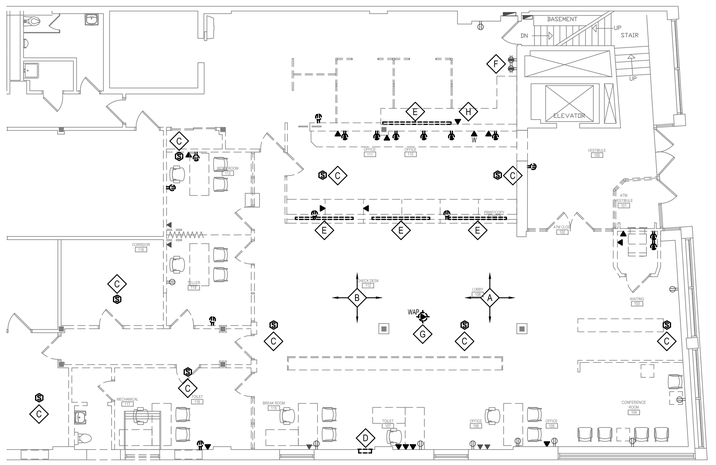


1 PLAN: LIGHTING DEMOLITION

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

LIGHTING DEMOLITION KEY NOTES

1. DISCONNECT AND REMOVE ALL EXISTING RECESSED 4X4 FLUORESCENT 9 CELL PARABOLIC LIGHT FIXTURES IN THIS AREA. THE EXISTING BRANCH CIRCUIT SHALL BE REMOVED BACK TO NEAREST ACCESSIBLE JUNCTION BOX. ALL EXISTING CONTROL WIRING SHALL BE REMOVED COMPLETELY.
2. DISCONNECT AND REMOVE ALL EXISTING RECESSED FLUORESCENT DOWN LIGHT FIXTURES IN THIS AREA. THE EXISTING BRANCH CIRCUIT SHALL BE REMOVED BACK TO NEAREST ACCESSIBLE JUNCTION BOX. ALL EXISTING CONTROL WIRING SHALL BE REMOVED COMPLETELY.
3. DISCONNECT AND REMOVE ALL EXISTING RECESSED MOUNTED 1X4 LENSED LIGHT FIXTURES IN THIS AREA. THE EXISTING BRANCH CIRCUIT SHALL BE REMOVED BACK TO NEAREST ACCESSIBLE JUNCTION BOX. ALL EXISTING CONTROL WIRING SHALL BE REMOVED COMPLETELY.
4. DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED SQUARE LENSED LIGHT FIXTURE. THE EXISTING BRANCH CIRCUIT SHALL BE REMOVED BACK TO NEAREST ACCESSIBLE JUNCTION BOX. ALL EXISTING CONTROL WIRING SHALL BE REMOVED COMPLETELY.
5. DISCONNECT AND REMOVE EXISTING RECESSED MOUNTED 2X8 LENSED LIGHT FIXTURE. THE EXISTING BRANCH CIRCUIT SHALL BE REMOVED BACK TO NEAREST ACCESSIBLE JUNCTION BOX. ALL EXISTING CONTROL WIRING SHALL BE REMOVED COMPLETELY.
6. DISCONNECT AND REMOVE EXISTING TOGGLE TYPE LIGHT SWITCH, AND ALL ASSOCIATED CONDUIT AND WIRING BACK TO POINT OF ORIGIN. RECESSED BACK BOX AND CONDUIT WITHIN WALLS TO REMAIN SHALL REMAIN TO BE USED FOR NEW SWITCHES IN THESE LOCATIONS.
7. DISCONNECT AND REMOVE EXISTING WALL MOUNTED EXIT SIGN AND ALL ASSOCIATED BRANCH CIRCUIT WIRING BACK TO POINT OF ORIGIN. RECESSED BACK BOX AND CONDUIT WITHIN WALLS TO REMAIN SHALL REMAIN TO BE USED FOR NEW SIGN IN THIS LOCATION.
8. DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED LIGHT FIXTURE AND ALL ASSOCIATED BRANCH CIRCUIT WIRING BACK TO POINT OF ORIGIN. ALL EXISTING CONTROL WIRING SHALL BE REMOVED COMPLETELY ALSO.
9. DISCONNECT AND REMOVE EXISTING RECESSED MOUNTED 12" SQUARE LENSED LIGHT FIXTURE. THE EXISTING BRANCH CIRCUIT SHALL BE REMOVED BACK TO NEAREST ACCESSIBLE JUNCTION BOX. ALL EXISTING CONTROL WIRING SHALL BE REMOVED COMPLETELY.
10. DISCONNECT AND REMOVE EXISTING RECESSED MOUNTED 2X2 LENSED LIGHT FIXTURE. THE EXISTING BRANCH CIRCUIT SHALL BE REMOVED BACK TO NEAREST ACCESSIBLE JUNCTION BOX. ALL EXISTING CONTROL WIRING SHALL BE REMOVED COMPLETELY.



2 PLAN: POWER DEMOLITION

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

POWER DEMOLITION KEY NOTES

- A. DISCONNECT AND REMOVE ALL EXISTING RECEPTACLES INDICATED OR NOT ON WALLS AND MILLWORK TO BE REMOVED (SHOWN DARK & DASHED). ALL EXISTING BRANCH CIRCUIT WIRING SHALL BE REMOVED COMPLETELY BACK TO POINT OF ORIGIN. RECEPTACLES INDICATED ON WALLS TO REMAIN (SHOWN LIGHT & SOLID) ARE TO STAY AND BRANCH CIRCUITS SHALL BE MAINTAINED.
- B. DISCONNECT AND REMOVE ALL EXISTING SURFACE & RECESSED TELEPHONE/DATA RECEPTACLES INDICATED OR NOT ON WALLS AND MILLWORK TO BE REMOVED (SHOWN DARK & SOLD). ALL EXISTING LOW VOLTAGE WIRE AND CONDUIT SHALL BE REMOVED COMPLETELY BACK TO POINT OF ORIGIN. TELEPHONE/DATA RECEPTACLES INDICATED ON WALLS TO REMAIN (SHOWN LIGHT & SOLID) ARE TO REMAIN AND ALL ASSOCIATED WIRING SHALL BE MAINTAINED.
- C. DISCONNECT, REMOVE AND RELOCATE EXISTING SURFACE MOUNTED FIRE ALARM SMOKE DETECTOR. EXISTING WIRING SHALL BE REMOVED BACK TO NEAREST ACCESSIBLE JUNCTION BOX TO BE USED TO SERVE NEW DEVICES IN THIS AREA. REFER TO POWER PLAN BELOW FOR NEW LOCATION OF DEVICE.
- D. DISCONNECT AND REMOVE EXISTING RECESSED MOUNTED OLD TELEPHONE CABINET AND ALL INACTIVE WIRING. ANY ACTIVE WIRING IN THIS CABINET WILL NEED TO BE RELOCATED TO EITHER OLD TELEPHONE CLOSET (SOUTH-EAST CORNER) OR RELOCATED NETWORK RACK. COORDINATE EXACT LOCATION WITH OWNER'S I.T. DEPARTMENT.
- E. DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED (WIREMOLD) MULTI-OUTLET RACEWAY AND ALL ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING BACK TO POINT OF ORIGIN.
- F. DISCONNECT AND RELOCATE EXISTING SURFACE MOUNTED NETWORK RACK AND ALL ASSOCIATED (ACTIVE) WIRING IN THIS LOCATION TO NEW LOCATION. REFER TO POWER PLAN FOR NEW LOCATION.
- G. DISCONNECT, REMOVE AND RELOCATE EXISTING SURFACE MOUNTED WIRELESS ACCESS POINT (WAP). REFER TO POWER PLAN BELOW FOR NEW LOCATION. EXISTING WIRING SHALL BE COILED UP AND SUPPORTED ABOVE THE CEILING TO BE REUSED TO RE-FEED RELOCATED DEVICE.
- H. DISCONNECT AND REMOVE ALL EXISTING INACTIVE PHONE AND NETWORK CABLING LAYING ON TOP OF THE EXISTING WALL TO BE REMOVED IN THIS LOCATION AND ALL OTHER INACTIVE LOW VOLTAGE WIRING WITH THE RENOVATED AREA BACK TO POINT OF ORIGIN.

POWER KEY NOTES

1. LOCATION OF EXISTING RECESSED MOUNTED ELECTRICAL PANEL 'A' TO REMAIN, CONTRACTOR TO MAINTAIN ALL EXISTING ACTIVE BRANCH CIRCUITS. UPDATE PANEL DIRECTORY TO REFLECT ALL CHANGES MADE TO THIS PANEL TO BE USED FOR FUTURE TENANT ADJACENT TO THE BANK SPACE ON THIS FLOOR.
2. REWIRE EXISTING RECEPTACLE(S) TO REMAIN TO NEW BRANCH CIRCUIT INDICATED (P-1M). REUSE EXISTING RECESSED CONDUIT WHERE POSSIBLE AND INSTALL NEW AS NEEDED.
3. NEW RECESSED 3-GANG FLUSH FLOOR BOX FOR POWER/DATA/SECURITY (1-GANG FOR POWER-DUPLEX RECEPT., 1-GANG FOR DUAL DATA OUTLET AND THIRD GANG FOR SECURITY-PANIC BUTTON). TRENCH FLOOR FROM FLOOR BOX TO COLUMN FOR CONDUIT ((1) 3/4"C., PWR., (1) 1"C. DATA & (1) 1"C. SECURITY). RUN CONDUIT UP INSIDE EXISTING COLUMN ENCLOSURE TO ABOVE CEILING. THEN RUN ABOVE CEILING OVER TO ELECTRICAL PANEL OR NETWORK RACK.
4. NEW DEDICATED DUPLEX RECEPTACLE AND DUAL DATA OUTLET FOR COPIER. RUN (2) NEW CAT 6 CABLES TO EXISTING RELOCATED NETWORK RACK FOR DATA.
5. NEW DUPLEX RECEPTACLE AND DUAL DATA OUTLET FOR ATM MACHINE. WIRE RECEPTACLE TO NEW BRANCH CIRCUIT INDICATED. RUN (2) NEW CAT 6 CABLES BACK TO THE RELOCATED NETWORK RACK IN THE WORK ROOM.
6. INSTALL NEW ADDRESSABLE FIRE ALARM DEVICES IN LOCATIONS INDICATED, TO BE WIRED BACK TO NEW FIRE ALARM CONTROL PANEL. SYSTEM SHALL BE SIZED TO SERVE THE ENTIRE BUILDING, BUT WHEN INSTALLED WILL ONLY BE SERVING M&T BANK AREA.
7. NEW QUAD RECEPTACLES AND DUAL DATA OUTLETS ARE TO BE SURFACE MOUNTED TO INSIDE FACE OF MILL WORK, COORDINATE EXACT LOCATION OF DEVICES WITH MILL WORK CONTRACTOR. RUN CONDUIT AND MC CABLE FROM DEVICE TO DEVICE AND THEN INTO NEW WALL AND UP OVER TO ELECTRICAL PANEL AND NETWORK RACK ABOVE CEILING.
8. NEW DEDICATED DUPLEX RECEPTACLE FOR REFRIGERATOR, INSTALL NEW BRANCH CIRCUIT WIRING TO NEW ELECTRICAL PANEL (P-1M).
9. NEW DEDICATED DUPLEX RECEPTACLE FOR SHREDDER, INSTALL NEW BRANCH CIRCUIT WIRING TO NEW ELECTRICAL PANEL (P-1M).
10. CONTRACTOR SHALL RELOCATE/REDIRECT ALL EXISTING NETWORK CABLES THAT ARE ACTIVE FROM THE OLD NETWORK RACK LOCATION NEAR THE STAIR TO THE NEW LOCATION IN THE WORKROOM. ALSO RELOCATE/REDIRECT THE EXISTING CABLES TO REMAIN FROM THE EXISTING PHONE DEMARK.
11. INSTALL NEW RECESSED MOUNTED FIRE ALARM CONTROL PANEL IN THIS LOCATION SIZED TO SUPPORT THE ENTIRE BUILDING. FEED THE F.A. PANEL FROM SPARE 20A-1P CIRCUIT BREAKER IN EXISTING PANEL 'A' NEXT TO BASEMENT STAIR WITH 2 #12 + #12G IN 3/4"C., AND INSTALL A BREAKER LOCK ON THE CIRCUIT BREAKER, ALSO, INSTALL (2) SPARE 1.5" EMPTY CONDUITS FROM F.A. PANEL TO ABOVE LAY-IN CEILING FOR FUTURE DEVICES.
12. CONTRACTOR SHALL FEED NEW MECHANICAL UNIT (AHU-1) FROM SPARE FUSED SWITCH (60A-3P) IN BASEMENT DISTRIBUTION PANEL WITH NEW 60 AMP FUSES. CONFIRM FUSE SIZE WITH APPROVED MECHANICAL EQUIPMENT SUBMITTAL PRIOR TO PURCHASE. ROUTE NEW 60 AMP FEEDER (4 #6 + #10G IN 1"C.) ADJACENT TO NEW PANEL (P-1M) FEEDER. REFER TO DRAWING E2.0 FOR LOCATION OF EXISTING DISTRIBUTION PANEL.
13. NEW EXHAUST FAN SHALL BE WIRED TO BRANCH CIRCUIT SERVING LIGHT FIXTURES IN THE SAME ROOM, THEY SHALL BE CONTROLLED WITH THE LIGHT FIXTURES.

GENERAL POWER NOTES

- ALL WORK SHALL CONFORM WITH THE ELECTRICAL SPECIFICATIONS AND LATEST ACCEPTED NATIONAL ELECTRICAL CODE (NEC).
- ELECTRICAL DRAWINGS ARE GENERATED FROM A LIMITED FIELD INVESTIGATION AND NO EXISTING BUILDING PLANS, ALL ELECTRICAL INFORMATION SHALL BE VERIFIED IN THE FIELD, INCLUDING PANEL CIRCUIT COMPLIMENT.
- CONTRACTOR SHALL UPDATE ALL EXISTING PANEL DIRECTORIES AT THE END OF THE PROJECT TO REFLECT ALL OF THE CHANGES MADE THROUGHOUT.
- ALL EXISTING DEVICES SHOWN HALF-TONE (LIGHT), ARE EXISTING TO REMAIN AND ALL WIRING TO THESE DEVICES WITHIN THE NEW M&T SPACE SHALL BE NEW. EXISTING TO REMAIN DEVICES OUTSIDE OF THE NEW M&T SPACE SHALL REMAIN WIRED TO THEIR EXISTING BRANCH CIRCUITS. CONTRACTOR IS RESPONSIBLE FOR MAINTAIN THE CONTINUITY OF ALL EXISTING BRANCH CIRCUITS EFFECTED BY THE RENOVATION AND PROVIDE ADDITIONAL WIRING AS NEEDED.

3 PLAN: LIGHTING

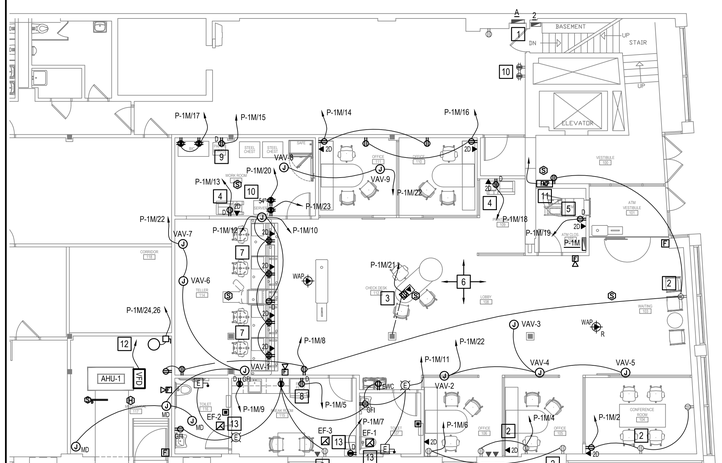
SCALE: 1/8"=1'-0"

LIGHTING KEY NOTES

1. LIGHT FIXTURE SHALL BE WIRED IN FRONT OF ALL LOCAL SWITCHING AND BE CONTROLLED FROM THE ELECTRICAL PANEL CIRCUIT BREAKER TO OPERATE 24/7 (NIGHT LIGHT).
2. LOCATION OF NEW ELECTRICAL PANEL (P-1M). REFER TO PANEL SCHEDULE FOR MORE INFORMATION.
3. CONTRACTOR SHALL WIRE NEW LIGHT FIXTURES TO THE EXISTING BRANCH CIRCUIT THAT PREVIOUSLY SERVED THE VESTIBULE/LOBBY. THEY SHALL BE CONTROLLED THE SAME AS THE PREVIOUS FIXTURES.
4. CONTRACTOR SHALL COORDINATE LOCATION OF LIGHT FIXTURES WITH NEW DUCT WORK IN THIS ROOM. MOUNT FIXTURES TO UNDERSIDE OF DUCT OR WALLS IF DUCT WORK IS TOO LOW.
5. CONTRACTOR SHALL INSTALL A SELF-CONTAINED TWIN HEAD EMERGENCY LIGHT FIXTURE ON THE WALL (APPROXIMATELY 7'-6" AFF) WIRED TO THE BRANCH CIRCUIT SERVING THE LIGHTS IN THE MECHANICAL ROOM. THE EMERGENCY FIXTURE SHALL BE WIRED IN FRONT OF THE LOCAL LIGHT SWITCH.

GENERAL LIGHTING NOTES

- ALL WORK SHALL CONFORM WITH THE ELECTRICAL SPECIFICATIONS AND LATEST ACCEPTED NATIONAL ELECTRICAL CODE (NEC).
- LIGHTING LAYOUT SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATION, COORDINATE ANY CHANGES TO THIS LAYOUT WITH GENERAL CONTRACTOR, ELECTRICAL CONTRACTOR AND ARCHITECT.
- ALL NEW BRANCH CIRCUIT WIRING AND CONTROL WIRING SHALL BE RUN CONCEALED IN WALLS OR ABOVE CEILINGS. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- ANY WIRING THAT CAN NOT BE RUN CONCEALED SHALL BE RUN IN SURFACE MOUNTED RACEWAY (WIREMOLD OR APPROVED EQUAL). ROUTING OF SURFACE MOUNTED RACEWAY SHALL BE DONE TO MINIMIZE THE APPEARANCE OF THE RACEWAY.



4 PLAN: POWER

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

SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
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NOT FOR CONSTRUCTION

Revision:	Description:	Date:	Revised By:
	ISSUED FOR PERMIT	05/25/2022	

Project Title:

Branch Renovation at:
M&T Bank
1019 Park Street
Peekskill, NY 10566

Drawing Title:

FLOOR PLANS, LEGEND AND NOTES - ELECTRICAL

Date: 05/25/2022
Scale: AS NOTED
Drawn By: SEC
Project Number: 22-079
Drawing Number:

E1.0

LIGHTING FIXTURE SCHEDULE

DESIGNATION	DESCRIPTION	MANUFACTURER/ MODEL NUMBER	LAMP			ELECTRICAL			NOTES
			TYPE	COLOR TEMP	NO	DRIVER	VOLTAGE	WATTS	
L-05	SURFACE/PENDANT MOUNTED 4' LOW PROFILE LED WRAPAROUND LIGHT FIXTURE WITH WHITE ACRYLIC LENS AND WHITE HOUSING (2900 LUMEN PACKAGE)	LITHONIA LIGHTING #FMLWL 48 840 (OR APPROVED EQUAL)	LED	4000K		ELECTRONIC	120	36	
L-06	RECESSED MOUNTED 2' X 2' LOW PROFILE LED TROFFER LIGHT FIXTURE WITH ACRYLIC LENS AND WHITE HOUSING (3400 LUMEN PACKAGE)	METALUX LIGHTING #2EPH-L22-34-UNV-EL14W-L840-CD1 (OR APPROVED EQUAL)	LED	4000K		DIMMING	120-277	26.5	
L-06E	SAME AS TYPE 'L-06' EXCEPT WITH 14 WATT EMERGENCY BATTERY PACK	METALUX LIGHTING #2EPH-L22-34-UNV-EL14W-L840-CD1 (OR APPROVED EQUAL)	LED	4000K		DIMMING	120-277	26.5	(4)
L-08	SINGLE FACE CEILING MOUNTED EDGE-LIT LED EXIT SIGN WITH RED LETTERING ON A CLEAR FACE AND BRUSHED ALUMINUM TRIM	EVENLITE #SDV-EMVR-1C-BA-RC4C-FT	LED	4000K		ELECTRONIC	120-277	3.8	(4)
L-08.1	SAME AS TYPE 'L-08' EXCEPT WALL MOUNTED WITH MIRROR FACE	EVENLITE #SDV-EMVR-1M-BA-SW-UC	LED	4000K		ELECTRONIC	120-277	3.8	(4)
L-10	WALL MOUNTED SELF-CONTAINED TWIN HEAD EMERGENCY LIGHT FIXTURE WITH MINIMUM 90 MINUTE BATTERY	LITHONIA LIGHTING #EU2C	LED	NA		ELECTRONIC	120-277	.56	(4)

LIGHT FIXTURE NOTES:

1. ALL ELECTRONIC DRIVERS SHALL HAVE A MAXIMUM TOTAL HARMONIC DISTORTION OF BETWEEN TEN & FIFTEEN PERCENT (10-15%).
2. COLOR OF ALL LAMPS SHALL BE 4000K UNLESS OTHERWISE NOTED.
3. FURNISH ALL ADDITIONAL MATERIALS AND ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION TO BE FULLY OPERATIONAL.
4. (4.) FURNISH WITH EMERGENCY BATTERY PACK FOR MINIMUM 90 MINUTE EMERGENCY LIGHTING OPERATION WITH TEST SWITCH AND INDICATOR LIGHT.
5. CONTRACTOR SHALL VERIFY ALL CEILING TYPES AND/OR COORDINATE ALL FIXTURE TRIMS PRIOR TO PURCHASE OF FIXTURES.
6. FURNISH ALL ADDITIONAL MATERIALS AND ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION TO BE FULLY OPERATIONAL.

COMcheck Software Version 4.1.5.3

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: M&T Bank - Peekskill NY
Project Type: Alteration

Construction Site:
1019 Park Street
Peekskill, NY 10566

Owner/Agent:
M&T Bank One M&T Plaza
345 Main Street
Buffalo, NY 14203

Designer/Contractor:
SP+A
3190 Whitney Avenue
Hamden, CT 06518
203-230-9007

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Bank - Banking (Bank/Banking Activity Area)	2600	0.86	2236
		Total Allowed Watts =	2236

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Bank - Banking (Bank/Banking Activity Area 2600 sq.ft.)				
LED 1: L-06: 2x2 Direct/Indirect: Other	1	46	28	1311
LED 2: L-05: 4FT. Wraparound: Other:	1	4	38	152
			Total Proposed Watts =	1463

Interior Lighting PASSES

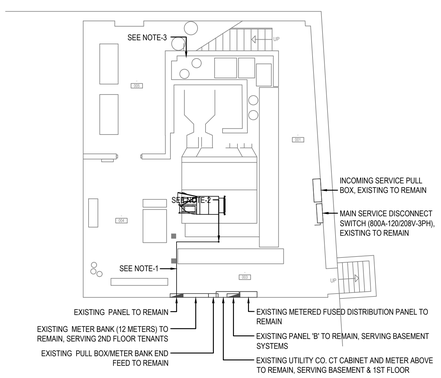
Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

STEVE CROTEAU
Name - Title

Signature

5/25/2022
Date



1 PLAN: BASEMENT POWER
SCALE: 1/8"=1'-0"

GENERAL POWER NOTES

1. NEW 200A-3P FEEDER FROM EXISTING PANEL TO SERVE NEW PANEL 'P-1M' ON FIRST FLOOR. CONTRACTOR SHALL COORDINATE EXACT ROUTING OF FEEDER IN THE FIELD (LOCATION SHOWN IS FOR REFERENCE ONLY).
2. CONTRACTOR SHALL CONFIRM BEST ROUTING OF NEW PANEL FEEDER AND CORE DRILL FLOOR IN THE LOCATION THAT WILL BE AS CLOSE TO THE PANEL ON THE FIRST FLOOR AS POSSIBLE AND RUN NEW CONDUIT UP INTO PANEL 'P-1M'.
3. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR LOCATION OF NEW CIRCULATION PUMP IN THIS AREA TO SERVE HOT WATER COIL FOR AHU-1. FEED PUMP FROM SAME BRANCH CIRCUIT THAT IS FEEDING THE VAV BOXES (P-1M/22) ON FIRST FLOOR, WIRED WITH 2 #12 + #12G IN 3/4"C.

ELECTRICAL SPECIFICATIONS

GENERAL:

PROVIDE LABOR, MATERIALS, EQUIPMENT AND SERVICES FOR COMPLETE ELECTRICAL SYSTEMS FOR EXISTING AND NEW SYSTEMS AND AS REQUIRED BY APPLICABLE BUILDING CODES, NATIONAL ELECTRICAL CODES, INCLUDING OSHA. PAY ALL FEES, OBTAIN ALL PERMITS, CERTIFICATES AND ALL CONTROLLED INSPECTIONS AND INSPECTIONS. USE NEW U.L. APPROVED EQUIPMENT, INCLUDE ALL TEMPORARY LIGHT AND POWER DURING CONSTRUCTION.

PROVIDE ALL LABOR MATERIAL AND EQUIPMENT TO ACCOMPLISH ANY REQUIRED DEMOLITION OR REMOVAL WORK.

ALL EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. ALL MATERIALS SHALL BE OF THE BEST QUALITY FOR THE PURPOSE INTENDED. TRADE NAMES AND CATALOG NUMBERS ARE INTENDED TO INDICATE THIS GRADE AND QUALITY.

RENDER FULL COOPERATION TO OTHER TRADES WHERE WORK OF CONTRACTOR WILL BE INSTALLED IN CLOSE PROXIMITY TO WORK OF OTHER TRADES. THE CONTRACTOR SHALL ASSIST IN WORKING OUT SPACE CONDITIONS. VERIFY POWER REQUIREMENTS WITH ALL OTHER TRADES.

ON ACCEPTANCE OF CONTRACT, CONTRACTOR AGREES TO GUARANTEE ALL OF HIS WORK AND EQUIPMENT FOR A PERIOD OF NOT LESS THAT ONE (1) YEAR FROM DATE OF INITIAL OPERATION. MANUFACTURED EQUIPMENT SHALL CARRY FULL PERIOD OF MANUFACTURER'S GUARANTEE, AND SHALL NOT BE LESS THAN ONE (1) YEAR.

THE CONTRACTOR SHALL PERFORM ALL CUTTING NECESSARY FOR THE PROPER INSTALLATION OF ELECTRICAL WORK.

KEEP CONDUITS AND OTHER OPENINGS CLOSED TO PREVENT ENTRY OF FOREIGN MATTER. COVER FIXTURES, EQUIPMENT AND APPARATUS AND PROTECT AGAINST DIRT, WATER, CHEMICAL OR MECHANICAL DAMAGE BEFORE AND DURING THE CONSTRUCTION PERIOD UNTIL THE FINAL ACCEPTANCE. EQUIPMENT SHALL BE DELIVERED AND STORED AT SITE, PROPERLY PACKED AND CREATED UNTIL FINALLY INSTALLED.

FURNISH, INSTALL, SET AND LAMP NEW LIGHTING FIXTURES. INCLUDE ALL NECESSARY SUPPORTS AND HANGERS WHERE REQUIRED. ALL FIXTURES SHALL HAVE U.L. LABEL. LIGHTING FIXTURES SHALL BE AS INDICATED ON ARCHITECTURAL DRAWINGS AND SHALL BE MADE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.

IT IS THE INTENT OF THESE SPECIFICATIONS AND DRAWINGS TO CALL FOR AN INSTALLATION THAT IS COMPLETE IN EVERY RESPECT. IT IS NOT THE INTENT TO GIVE EVERY DETAIL ON THE DRAWINGS AND IN THE SPECIFICATION. IF AN ITEM OF WORK IS SHOWN ON THE DRAWINGS, IT SHALL BE CONSIDERED SUFFICIENT FOR INCLUSION IN THE CONTRACT. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT USUALLY FURNISHED OR NEEDED TO MAKE A COMPLETE INSTALLATION, WHERE SPECIFICALLY MENTIONED OR NOT.

SHOP DRAWINGS AND OTHER INFORMATION REQUIRED: PRIOR TO PURCHASING ANY EQUIPMENT OR MATERIALS, A MANUFACTURER'S LIST SHALL BE SUBMITTED FOR REVIEW. PRIOR TO ASSEMBLING OR INSTALLING THE WORK, THE FOLLOWING SHALL BE SUBMITTED FOR REVIEW:

CATALOG INFORMATION. FACTORY ASSEMBLY DRAWINGS AND FIELD INSTALLATION DRAWINGS AS REQUIRED FOR A COMPLETE EXPLANATION AND DESCRIPTION OF ALL ITEMS OR EQUIPMENT. THE PURPOSE FOR REVIEW SHOP DRAWINGS IS TO MAINTAIN INTEGRITY OF THE DESIGN, UNLESS THE CONTRACTOR CLEARLY INDICATED IN WRITING AND ON HIS LETTERHEAD, ANY CHANGES, SUBSTITUTIONS, DELETIONS OR ANY OTHER DIFFERENCES BETWEEN THE SUBMISSION AND CONTRACT DOCUMENTS. APPROVAL BY THE ENGINEER DOES NOT CONSTITUTE ACCEPTANCE. IT IS NOT TO BE ASSUMED THAT THE ENGINEER HAS READ THE TEXT NOR REVIEWED THE TECHNICAL DATA OF A MANUFACTURED ITEM AND ITS COMPONENTS EXCEPT WHERE THE VENDOR HAS POINTED OUT DIFFERENCES BETWEEN HIS PRODUCT AND THE SPECIFIED MODEL.

THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE CONSTRAINTS OF THE EXISTING AVAILABLE SPACE PERTAINING TO EQUIPMENT SIZE AND CONFIGURATION AND TO EXAMINE THE CONDITIONS UNDER WHICH THE EQUIPMENT WILL BE INSTALLED. CONTRACTOR SHALL AT THIS TIME REPORT ANY DISCREPANCIES OR QUESTIONS TO THE ARCHITECT/ENGINEER.

WHERE CONFLICTS OCCUR BETWEEN DRAWINGS AND SPECIFICATIONS, OR WITHIN EITHER DOCUMENT, THE CONTRACTOR SHALL ASK FOR AND OBTAIN A WRITTEN CLARIFICATION FROM THE ENGINEER PRIOR TO SUBMITTING HIS BID, OTHERWISE, THE ITEMS OR ARRANGEMENTS OF SUPERIOR QUALITY, GREATER QUANTITY OR HIGHER COST SHALL PREVAIL AND BE INCLUDED IN THE CONTRACT PRICE.

LIGHTING AND POWER PANELS:

LIGHTING AND POWER PANELS ARE EXISTING WALL-MOUNTED, 208Y/120 VOLTS, 3 PHASE AS INDICATED. CONTRACTOR SHALL UTILIZE EXISTING SPARE BREAKERS WHERE AVAILABLE AND WHERE NOT AVAILABLE FURNISH NEW MATCHING THE RATINGS OF THE EXISTING BREAKERS AND PANEL.

WIRING DEVICES:

WIRING DEVICES WILL BE "PREMIUM SPECIFICATION GRADE" MANUFACTURED BY LEVITON, HUBBELL, G.E. OR PASS & SEYMOUR.

RECEPTACLES SHALL BE NEMA 5-20R, TWO-POLE, THREE-WIRE GROUNDING TYPE, WITH MOLDED NYLON BODY AND FACE, PREMIUM SPECIFICATION GRADE, RATED 20 AMPS AT 125 VOLTS. RECEPTACLES SHALL COME WITH A 10 YEAR LIMITED WARRANTY FROM THE MANUFACTURER. ISOLATED GROUND RECEPTACLES SHALL HAVE INTEGRAL SURGE PROTECTION WITH AUDIBLE INDICATOR ALARM. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) RECEPTACLES SHALL BE 15 AMP, 125 VOLT DUPLEX, NEMA 5-15R, WITH 20 AMP, 125 VOLT FEED-THROUGH AND TRIP INDICATOR. HUBBELL OR LEVITON.

MAINTAINED CONTACT SWITCHES SHALL BE 20A, RATED 125 VAC, "QUIET" TYPE, SINGLE POLE, THREE OR FOUR WAY.

OCCUPANCY SENSOR SWITCHES SHALL BE DUAL TECHNOLOGY TYPE. ALL SENSORS SHALL BE CAPABLE OF CONTROLLING 120/277 VOLT FLUORESCENT, AND LED FIXTURES. WALL-MOUNTED SENSORS SHALL HAVE INTEGRAL SWITCH FOR MANUAL OVERRIDE TO "OFF" AND SHALL CONTAIN A PHOTOCELL FOR DAYLIGHT OVERRIDE "OFF". SENSORS SHALL HAVE ADJUSTABLE TIME DELAY TO "OFF" AND ADJUSTABLE SENSITIVITY FOR THE PHOTOCELL. SENSORSWITCH OR APPROVED EQUAL.

DEVICE COLOR: WIRING DEVICE CATALOG NUMBERS IN SECTION TEXT DO NOT DESIGNATE DEVICE COLOR.

1. WIRING DEVICES CONNECTED TO NORMAL POWER SYSTEM: AS SELECTED BY ARCHITECT, UNLESS OTHERWISE INDICATED OR REQUIRED BY NFPA 70 OR DEVICE LISTING.
2. WIRING DEVICES CONNECTED TO EMERGENCY POWER SYSTEM: RED.
3. TYSS DEVICES: BLUE.
4. ISOLATED-GROUND RECEPTACLES: ORANGE

COVER PLATES SHALL BE THERMOPLASTIC WITH COLOR MATCHING DEVICE OR AS SELECTED BY ARCHITECT.

RECEPTACLES: IDENTIFY PANELBOARD AND CIRCUIT NUMBER FROM WHICH SERVED. USE PRESS ON LABEL, BLACK LETTERING ON WHITE BACKGROUND ON FACE OF PLATE AND IN EASILY READABLE LOCATION INSIDE DEVICE BACKBOX, AND DURABLE WIRE MARKERS OR TAGS ON CONDUCTORS INSIDE OUTLET BOXES.

OUTLET BOXES:

PROVIDE GALVANIZED PRESSED STEEL OUTLET BOXES OF PROPER SIZE AND TYPE AS REQUIRED BY THE BUILDING CONDITIONS TO SERVE ALL INTERIOR OUTLETS FOR MOTOR CIRCUITS, LIGHTING, SWITCHES, RECEPTACLES, SIGNALS, AND THE LIKE.

LIGHTING:

REFER TO LIGHT FIXTURE SCHEDULE FOR LIGHTING FIXTURE SPECIFICATIONS.

LED DRIVERS SHALL BE ELECTRONIC TYPE WITH THD BETWEEN 10-15%.

LAMP COLOR SHALL BE 4000°K WITH A CRI OF 80 OR HIGHER UNLESS OTHERWISE NOTED.

TELECOMMUNICATIONS SERVICE AND RACEWAY SYSTEMS:

PROVIDE A COMPLETE SYSTEM FOR TELECOMMUNICATION WORK, COMPLETE WITH OUTLET BOXES, DEVICE (PER MILFORD STANDARDS), CABLE (CAT6 - PLENUM RATED) AND CONDUIT AS INDICATED ON THE DRAWINGS.

PROVIDE MINIMUM INSIDE BENDING RADIUS OF 10 TIMES CONDUIT INSIDE DIAMETER FOR TELECOMMUNICATIONS RACEWAYS.

WHEN COMPLETED THE SYSTEM SHALL HAVE ALL CABLING INSTALLED FROM DEVICES TO I.T. CLOSET. ALL TERMINATIONS AT NETWORK RACK WILL BE DONE BY CONTRACTOR.

FROM EACH OUTLET CONTRACTOR SHALL TERMINATE CABLE AT DEVICE AND RUN BACK TO I.T. CLOSET. ALL NEW TELECOMMUNICATIONS OUTLETS SHALL BE INSTALLED IN A 4" SQUARE BOX WITH A SINGLE GANG MUD RING UNLESS OTHERWISE NOTED. REFER TO PLANS AND DETAILS FOR MORE INFORMATION.

BATHROOM EMERGENCY CALL SYSTEM:

PROVIDE COMPLETE BATHROOM CALL SYSTEM IN HANDICAP ACCESSIBLE BATHROOMS AS SHOWN ON THE DRAWINGS AND AS REQUIRED BY CODE.

THE COMPLETE 110 VOLT A.C. SYSTEM KIT #6538-GS SHALL BE MANUFACTURED BY EDWIARDS OR APPROVED EQUAL AND INCLUDE THE FOLLOWING COMPONENTS:

A. PULL CORD SHALL BE SINGLE GANG, 2 POLE MECHANICALLY LOCKING SWITCH AND 6 FOOT LONG PULL CORD WITH PENDANT.

B. CORRIDOR STATION SHALL BE 110 VOLT, SINGLE DOME LIGHT AND BUZZER.

C. LOW VOLTAGE TRANSFORMER.

FIRE ALARM AND SMOKE DETECTION SYSTEM:

SYSTEM SHALL BE DESIGNED TO SUPPORT THE ENTIRE BUILDING, INITIALLY JUST M&T SPACE WILL HAVE DEVICES INSTALLED ON THE SYSTEM. IN THE FUTURE THE ENTIRE BUILDING WILL HAVE DEVICES INSTALLED AND CONNECTED TO THE FIRE ALARM SYSTEM.

WHERE WORK CONSISTS OF ADDITIONS OR EXTENSIONS TO AN EXISTING SYSTEM. PRIOR TO STARTING WORK, ESTABLISH THAT SYSTEM IS IN PROPER WORKING ORDER. IF CONDITION EXISTS WHICH PREVENTS NORMAL OPERATION OF SPECIFIED ADDITIONS AND EXTENSIONS, BRING THIS FACT TO ARCHITECT'S ATTENTION PRIOR TO DOING WORK AFFECTING EXISTING SYSTEM.

WHERE WORK IS DONE WITHOUT SUCH NOTIFICATION, IT SHALL BE ASSUMED THAT CONNECTIONS HAVE BEEN MADE TO A WORKING SYSTEM, AND PERFORMANCE REQUIREMENTS AND GUARANTEE WILL APPLY TO ENTIRE SYSTEM.

ALL FIRE ALARM AND DETECTION SYSTEM WIRING SHALL BE TYPE NPLF IN EMT CONDUIT.

THE EXISTING FIRE ALARM AND SMOKE DETECTION SYSTEM CONSISTS OF A CENTRAL CONTROL PANEL FOR MONITORING AND CONTROL OF SMOKE DETECTING DEVICES, MANUAL ALARM SYSTEMS, WATER FLOW AND TAMPER SWITCHES, AUDIBLE AND VISUAL ALARM SYSTEMS, DOOR RELEASE, AND FAN SHUTDOWN SYSTEMS. PROVIDE ALL MODIFICATIONS AS REQUIRED TO ACCOMMODATE NEW DEVICES SHOWN ON PLANS OR INDICATED IN SPECIFICATION.

ALL NEW INITIATING DEVICES SHALL BE MULTIPLEXED ADDRESSABLE TYPES. COMPATIBLE WITH EXISTING SYSTEM.

HORN/STROBE ALARM UNITS SHALL BE PROVIDED AND SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 101, NFPA 72, AND THE AMERICANS WITH DISABILITIES ACT (ADA), AND SHALL THEREFORE HAVE A MINIMUM STROBE OUTPUT OF 15 /75 CANDELA.

AFTER DATE OF SUBSTANTIAL COMPLETION, CONTRACTOR SHALL TEST THE FIRE ALARM SYSTEM COMPLYING WITH TESTING AND VISUAL INSPECTION REQUIREMENTS IN NFPA 72. CONTRACTOR SHALL SUPPLEMENT AUDIBLE DEVICES TO MEET CODE SOUND LEVELS.

SUPPORTS:

PROVIDE SUPPORTS, BRANCHES AND HANGERS FOR THE INSTALLATION OF OUTLETS, CONDUITS, PANELS, STARTING AND CONTROL EQUIPMENT.

600 VOLT CABLE:

ALL WIRE NO. 10, 12, AND 14 AWG SHALL BE SOLID CONDUCTOR TYPE THHN/THWN; NO. 8 AWG THROUGH NO. 1 AWG SHALL BE STRANDED CONDUCTOR TYPE THHN/THWN; NO. 1/0 AWG AND LARGER SHALL BE STRANDED CONDUCTOR TYPE XHHW.

TYPE MC ARMORED CABLE SHALL CONFORM TO UL AND NEC ARTICLE 330, AND SHALL BE CONSTRUCTED OF MINIMUM NO. 12 AWG STRANDED COPPER CONDUCTORS, WITH THHN INSULATION.

CONDUIT:

ALL WIRING WILL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING:

ALL FEEDERS TO PANELBOARDS AND MECHANICAL EQUIPMENT AND HOMERUNS SHALL BE INSTALLED IN EMT. FINAL CONNECTIONS TO MECHANICAL EQUIPMENT SHALL BE IN FLEXIBLE METALLIC CONDUIT.

ALL BRANCH CIRCUIT WORK RUN CONCEALED ABOVE INACCESSIBLE CEILINGS AND WITHIN STUD PARTITIONS OF FINISHED AREAS SHALL BE INSTALLED IN MC CABLE.

ALL BRANCH CIRCUIT WORK RUN ABOVE ACCESSIBLE CEILINGS OR IN AREAS WITHOUT CEILINGS SHALL BE INSTALLED IN EMT.

BRANCH CIRCUIT HOMERUNS FROM LAST JUNCTION BOX TO PANELBOARD SHALL BE EMT CONDUIT. JUNCTION BOX SHALL BE LOCATED IN AREA SERVED BY BRANCH CIRCUIT. DOWNSTREAM FROM JUNCTION BOX SHALL BE MC CABLE.

ELECTRICAL METALLIC TUBING (EMT) SHALL BE GALVANIZED STEEL, CONFORMING TO ANSI C80.3, UL 797, AND NEC ARTICLE 358. PROVIDE WITH COMPRESSION TYPE FITTINGS, COUPLINGS, AND CONNECTORS.

CONNECTORS FOR METAL CONDUIT SHALL BE INSULATED THROAT TYPE. PROVIDE GROUNDING BUSHINGS OR LOCKNUTS AT ALL METALLIC RACEWAY CONNECTIONS TO SHEET STEEL BOXES AND ENCLOSURES.

EXTERIOR CONDUIT SHALL BE LIQUIDTIGHT FLEXIBLE METAL CONDUIT.

GROUNDING:

A COMPLETE CONTINUOUS GROUNDING SYSTEM TO THOROUGHLY GROUND THE NON-CURRENT CARRYING METAL PARTS OF EVERY NEW PIECE OF INSTALLED EQUIPMENT SHALL BE PROVIDED. THE SYSTEM SHALL BE CONNECTED TO PROVIDE AN INDEPENDENT FAULT RETURN TO SOURCE.

INSTALLATION:

INSTALL WORK IN A NEAT AND WORKMAN LIKE MANNER.

CONTRACTOR SHALL BALANCE THE LOAD CONNECTED ON THE PANELBOARDS EQUALLY AMONG THE PHASES. MEASURED PHASE IMBALANCE SHALL NOT EXCEED 10%. AS INSTALLED CIRCUIT NUMBERS SHALL BE REFLECTED ON THE PANEL DIRECTORIES.

CONTRACTOR SHALL SEAL ALL PENETRATIONS THROUGH PARTITIONS OR SLABS WITH A U.L. APPROVED SMOKE STOP TO MAINTAIN THE INTEGRITY OF THE RESPECTIVE FIRE RATING.

FOR EXACT LOCATIONS OF LIGHTING FIXTURES, RECEPTACLES, DATA AND TELEPHONE OUTLETS, REFER TO ARCHITECT'S DRAWINGS. COORDINATE ALL WORK WITH DATA AND TELEPHONE CONTRACTORS.

PRIOR TO FINAL ACCEPTANCE, CLEAN ALL LIGHTING FIXTURES, GLASSWARE, PANELBOARDS, CABINETS, DEVICE PLATES AND OTHER ITEMS FURNISHED UNDER THIS CONTRACT.

TESTS:

TEST ALL WIRING, LIGHTING FIXTURES, SWITCHES, CONTROLLERS, STARTERS, MOTORS, ETC., WIRED UNDER THIS DIVISION. LEAVE FREE FROM GROUNDS, CROSSES, SHORTS, OPENS, ETC., AND LEAVE MATERIALS AND APPARATUS IN PROPER AND SATISFACTORY WORKING CONDITION.

PERFORM ADDITIONAL TESTS REQUIRED BY OWNER, ARCHITECT OR ANY OTHER AUTHORITIES HAVING JURISDICTION.

CORRECT OR REPLACE ANY CIRCUIT, MATERIAL OR EQUIPMENT WHICH IS FOUND TO BE DEFECTIVE BY THESE TESTS. CORRECT DEFECTS, WHETHER DUE TO FAULTY WORKMANSHIP OR MATERIAL FURNISHED, IN A MANNER ACCEPTABLE TO ENGINEER WITHOUT ADDITIONAL COST.

TEST FOR PROPER OPERATION OF EMERGENCY LIGHTING EQUIPMENT UNDER SIMULATED EMERGENCY CONDITIONS.

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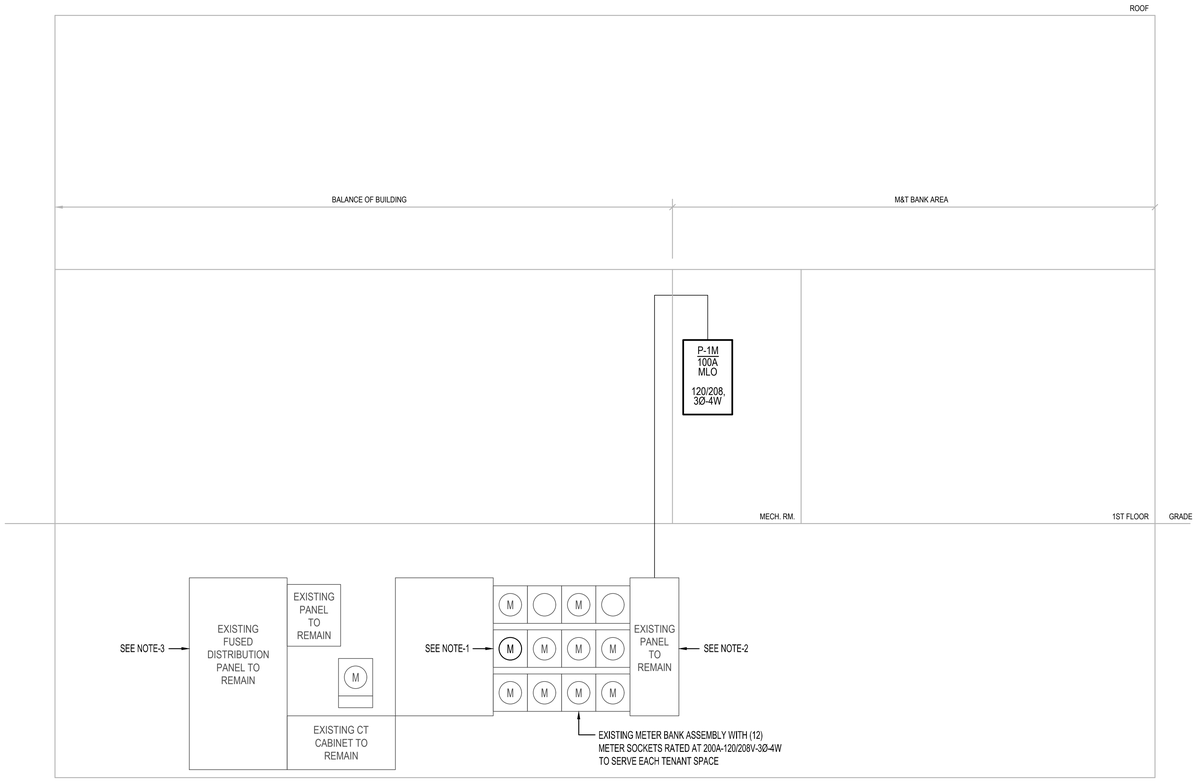
Revision:	Description:	Revised By:	Date:
	ISSUED FOR PERMIT		05/25/2022

Project Title:
Branch Renovation at:
M&T Bank
1019 Park Street
Peekskill, NY 10566

Drawing Title:
BASEMENT FLOOR PLAN, LIGHT FIXTURE SCHEDULE & SPECIFICATIONS - ELECTRICAL

Date: 05/25/2022
Scale: AS NOTED
Drawn By: SEC
Project Number: 22-079
Drawing Number:

E2.0



1 POWER ONE LINE DIAGRAM

SCALE: NONE

ONE LINE DIAGRAM NOTES

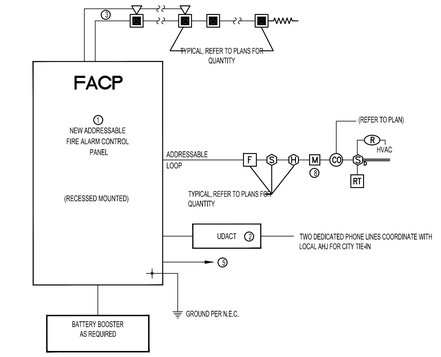
1. CONTRACTOR SHALL INSTALL A NEW 200A-120/208V-3Ø-4W METER (PER CON-EDISON REQUIREMENTS) IN EXISTING SPARE METER SOCKET. CONFIRM THERE IS EXISTING WIRING FROM SPARE METER TO EXISTING PANEL TO THE RIGHT OF THE METER BANK SIZED TO SUPPORT A 200 AMP PANEL. IF NOT CONTRACTOR SHALL INSTALL A NEW FEEDER (4 #3/0 + #6G IN 2.5"C.) FROM THE METER SOCKET TO THE PANEL.
2. CONTRACTOR SHALL CONFIRM IF THERE IS AN EXISTING 3 POLE CIRCUIT BREAKER IN THE PANEL FROM THE SPARE METER SOCKET. IF THERE IS, CONFIRM IT IS A 200A-3P BREAKER OR IF ONE DOES NOT EXIST INSTALL A NEW 200A-3P BREAKER TO SERVE THE NEW M&T BANK PANEL (P-1M). INSTALL A NEW FEEDER (4 #3/0 + #6G IN 2.5"C.) FROM THE PANEL IN THE BASEMENT UP TO THE NEW PANEL ON THE FIRST FLOOR.
3. CONTRACTOR SHALL FEED NEW MECHANICAL UNIT (AHU-1) ON FIRST FLOOR FROM SPARE FUSED SWITCH, 60A-3P, WITH NEW 60 AMP FUSES. CONFIRM FUSE SIZE WITH APPROVED MECHANICAL EQUIPMENT SUBMITTAL PRIOR TO PURCHASE. ROUTE NEW 60 AMP FEEDER (4 #6 + #10G IN 1"C.) ADJACENT TO NEW PANEL (P-1M) FEEDER.

PANEL "P-1M"

RATINGS: 240V/225 A, 10,000 AIC
SERVICE: 208Y/120V, 3 PHS/4-WIRE
LOCATION: MECH. ROOM #117
MOUNTING: SURFACE
MAIN TYPE: 225A MLO

DESCRIPTION	NOTE	AMPS	TRIP AMP	POLE	CKT. TYP	CKT. NO.	A	B	C	CKT. NO.	CKT. TYP	POLE	TRIP AMP	AMPS	NOTE	DESCRIPTION
LIGHTS		8.1	20	1	A1	1				2	A1	1	20	4.5		RECEPTACLES (CONF. #104)
NIGHT LIGHTS		1.1	20	1	A1	3				4	A1	1	20	3		RECEPTACLES (OFFICE #105 & 106)
RECEPTACLE (REFRIGERATOR)		8.5	20	1	A1	5				6	A1	1	20	3		RECEPTACLES (OFFICE #106 & 105)
RECEPTACLE (KITCHEN-DED, FUTURE MICRO.)		1.5	20	1	A1	7				8	A1	1	20	7.5		RECEPTACLES
RECEPTACLE (KITCHEN-DED.)		1.5	20	1	A1	9				10	A1	1	20	8.7		RECEPTACLE (TELLER MONEY MACHINE)
RECEPT.,EWC, CALL-FOR-AID & SENS. FAUC.		12	20	1	A1	11				12	A1	1	20	12		RECEPTACLES (TELLER #114)
RECEPTACLE (COPIER)		8.7	20	1	A1	13				14	A1	1	20	3		RECEPTACLES (OFFICE #111 & 110)
RECEPTACLE (SHREDDER)		1.5	20	1	A1	15				16	A1	1	20	3		RECEPTACLES (OFFICE #110 & 111)
QUAD RECEPTACLES (BIC)		6	20	1	A1	17				18	A1	1	20	8.7		RECEPTACLE (COPIER)
RECEPTACLE (ATM)		1.5	20	1	A1	19				20	A1	1	20	3		QUAD RECEPTACLE (NETWORK RACK)
FLOOR RECEPTACLE (POD)		1.5	20	1	A1	21				22	A1	1	20	6		VAV-1 THRU VAV-9 & MOT. DAMPERS
QUAD RECEPTACLE (NETWORK RACK)		3	20	1	A1	23				24	B	2	20	14.4		3KW ELECTRIC WATER HEATER
SPARE			20	1		25				26						
SPARE			20	1		27				28						
SPARE			20	1		29				30						
						31				32						
						33				34						
						35				36						
						37				38						
						39				40						
						41				42						

NOTES:
1. PANELBOARD SHALL BE MANUFACTURED BY GE, SQUARE D OR APPROVED EQUAL.
2. PROVIDE CB LOCK.
3. PROVIDE HACR BREAKER.
4. UPGRADE WIRE SIZE AS REQUIRED TO MAINTAIN 3% MAXIMUM VOLTAGE DROP.
5. TOTAL CONNECTED NEW LOAD: PHASE A - 6393.5 VA, PHASE B - 3078 VA, PHASE C - 7281.5 VA } 16.75 KVA BASED ON 46.5 AMPS/PHASE
6. CIRCUIT TYPE A: 120V, 2 WIRE IN CONDUIT OR MC CABLE.
7. CIRCUIT TYPE A1: 120V, 3 WIRE IN CONDUIT OR MC CABLE.
8. CIRCUIT TYPE B: 208V, 1Ø, 4 WIRE IN CONDUIT OR MC CABLE.
9. CIRCUIT TYPE C: 208V, 3Ø, 5 WIRE IN CONDUIT OR MC CABLE.



2 FIRE ALARM ONE LINE DIAGRAM

SCALE: NONE

FIRE ALARM LEGEND

FACP	ADDRESSABLE FIRE ALARM CONTROL PANEL
UDACT	DIGITAL DIALER W/ TWO PHONE LINES
	ADA WALL MOUNT HORN/STROBE (OUTDOOR RATED WHERE MARKED WP)
	ADA WALL MOUNT STROBE
F	ADDRESSABLE MANUAL FIRE ALARM PULL STATION - DUAL ACTION MOUNT AT 48" AFF. W/ KEY RESET.
S	ADDRESSABLE PHOTOELECTRIC AREA SMOKE DETECTOR
H	ADDRESSABLE HEAT DETECTOR 135°F FIXED PLUS RATE OF RISE
M	CONTACTS IN GENERATOR CONTROL PANEL. PROVIDE ADDRESSABLE MODULE FOR MONITORING
R	INTELLIGENT RELAY
S	ADDRESSABLE DUCT SMOKE DETECTOR W/ SAMPLING TUBE, REMOTE TEST SWITCH AND PHOTOELECTRIC HEAD.
RT	REMOTE TEST STATION
R HVAC	HVAC EQUIPMENT SHUT-DOWN MODULE
	END OF LINE RESISTOR
CO	CARBON MONOXIDE DETECTOR

FIRE ALARM RISER DIAGRAM

NTS

1. REFER TO SPECIFICATION FOR SYSTEM REQUIREMENTS.
2. PANEL WILL BE FURNISHED WITH DIALER FOR FIRE SERVICE NOTIFICATION. PROVIDE TWO PHONE LINES FROM D-MARK.
3. PROVIDE WIRING AS REQUIRED TO ALLOW FOR SILENCING OF AUDIBLE DEVICES WITH STROBES STILL ACTIVE. ALL STROBES SHALL BE SYNCHRONIZED.
4. SEPARATE BUILDING INTO A MINIMUM OF 3 LOGICAL SECTIONS BY USE OF FAULT ISOLATOR MODULES.
5. PROVIDE 120V, 20A DEDICATED BRANCH CIRCUIT WITH BREAKER LOCK.
6. ALL WIRING TO BE PER SPECIFICATIONS AND MANUFACTURER'S REQUIREMENTS.
7. FURNISH DEVICES WITH ALL NECESSARY MATERIALS AND ACCESSORIES FOR COMPLETE INSTALLATION TO BE FULLY OPERATIONAL.
8. FURNISH AND INSTALL MONITORING MODULE FOR MONITORING ALARM CONTACTS AS REQUIRED.
9. CONTRACTOR SHALL COORDINATE LOCATION OF ALL DUCT SMOKE DETECTORS, SMOKE DAMPERS AND FIRE/SMOKE DAMPERS WITH MECHANICAL CONTRACTOR. ALL DEVICES SHALL BE WIRED TO THE FIRE ALARM SYSTEM.
10. MOUNT BOTTOM OF NOTIFICATION DEVICES 80" AFF OR 6" BELOW CEILING, WHICH EVER IS LOWER. MOUNT TOP OF PULL STATIONS TO 48" AFF.
11. REFER TO POWER PLANS TO CONFIRM DEVICE QUANTITIES. ALL FIRE ALARM WORK SHALL BE INCLUDED IN THE BASE BID.

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NOT FOR CONSTRUCTION

Revised By:
Date: 05/25/2022
Description: ISSUED FOR PERMIT
Revision:

Project Title:
Branch Renovation at:
M&T Bank
1019 Park Street
Peekskill, NY 10566

Drawing Title:
ONE LINE DIAGRAM & PANEL SCHEDULE

Date: 05/25/2022
Scale: AS NOTED
Drawn By: SEC
Project Number: 22-079
Drawing Number:

E3.0

Limited Pre-Renovation

Asbestos Sampling Report

Location:

M&T Bank

1019 PARK STREET
Peekskill, NY 10566

Conditions as of:

05 February 2022

Prepared For:

Scheid Architectural
111 Elmwood Avenue
Buffalo, NY 14201

21 February 2022

Asbestos Sampling - 1019 Park Street

56 Services, Inc. was retained to perform asbestos sampling at the above referenced address on 05 February 2022. In total sixteen (16) collected samples were analyzed for asbestos from accessible areas within the scope of work (*AmeriSci Richmond Job #122021577)* and only represent conditions as of 05 February 2022.

> *Areas sampled/visually inspected as part of this sampling report include: interior areas to be impacted by renovation activities only.*
>
> *Any changes to the described scope of work should be additionally inspected for any materials not included in the original described scope of work, prior to disturbance.*

The purpose of the sampling report was to determine the presence, location and condition of accessible ACM (assumed and asbestos containing materials) in accessible areas within the above referenced location. This sampling report includes the following:

- Identification of suspect materials within the described scope of work.
- Sampling and analysis of accessible suspect materials within the scope of work - materials to be impacted by renovation/demolition activities.
- Identification of the location, approximate quantity, friability and condition of confirmed and accessible asbestos containing and assumed asbestos containing materials (ACM).

Only accessible materials in areas to be impacted by renovation/demolition activities were sampled as part of this report. No other areas or materials, including any materials or debris from adjacent structures were sampled.

General Conditions of Inspection

Any reported quantities found in this report, if applicable, are field approximations of materials in readily accessible areas only and should be field verified prior to abatement. This report is not designed to serve as a specification for abatement. Please, find enclosed the laboratory analytical results and chain of custody documentation, if applicable. Drawings, if provided, are for reference purposes only and are not to scale.

Any materials found within the scope of work and not specifically accounted for with applicable sampling in this report should be presumed to contain asbestos and treated accordingly until sampled and proven otherwise, including but not limited to; below grade materials, sub-flooring under installed existing flooring and materials and insulation within walls and above fixed and suspended ceiling systems, if applicable.

Any included laboratory results, if applicable, are submitted pursuant to 56 Services current terms and conditions of sale, including the company's standard warrant and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

This report is based on the condition and contents present at the above referenced location at the time of sampling. Any listed asbestos containing or presumed asbestos containing materials should only be handled and/or disturbed by licensed individuals, adhering to both state and federal regulations for abatement.

Asbestos Containing Materials:

If applicable, Polarized Light Microscopy (PLM) and, where required, Transmission Electron Microscopy (TEM) revealed asbestos in the following analyzed samples. Also may included assumed Asbestos Containing Materials (ACM).

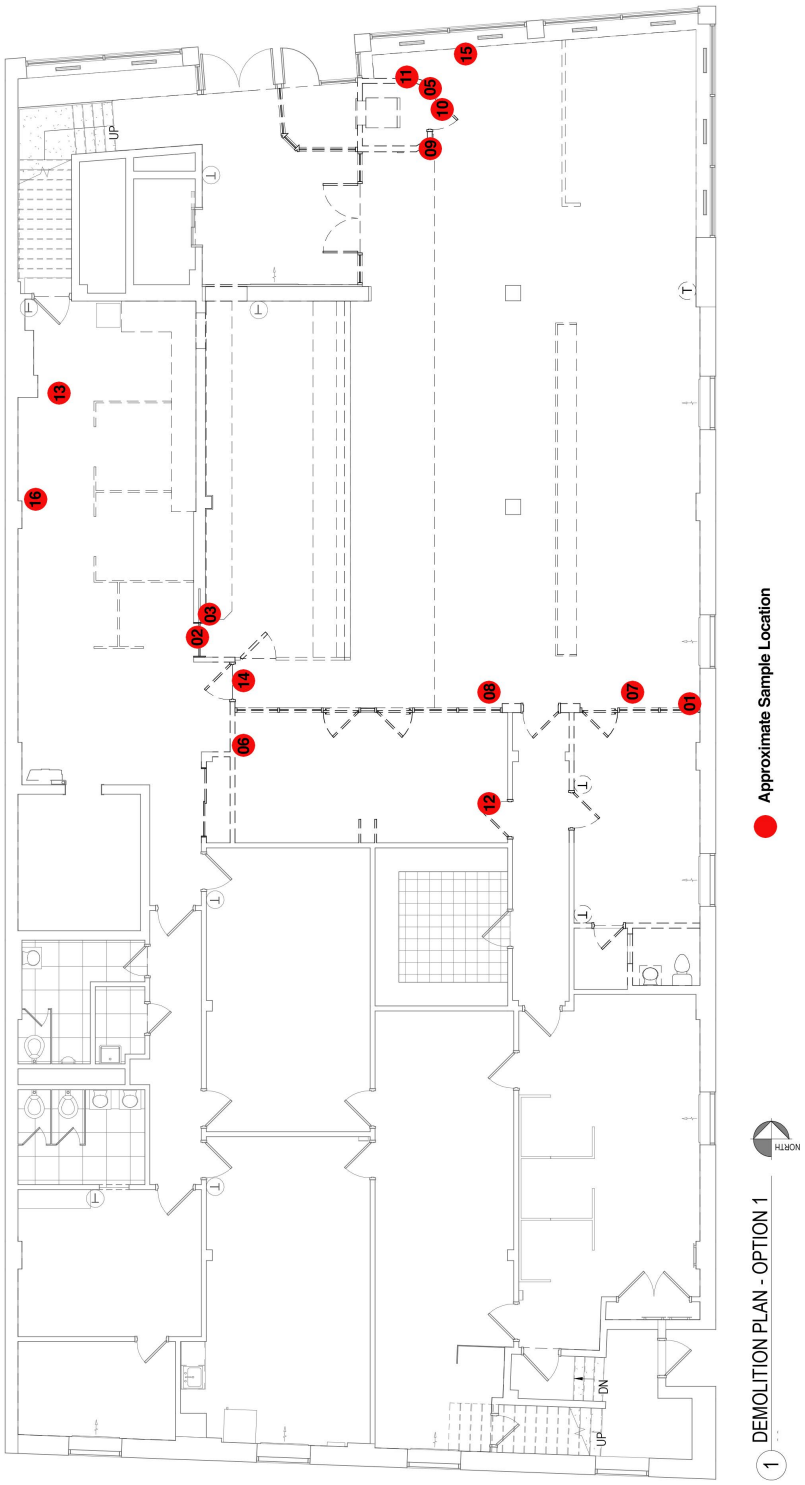
Asbestos Containing Material*	Location	Condition	Friability	Approximate Quantity SF	Approximate Quantity LF
9x9 Flooring and adhesive	*Throughout*	*Fair*	*Non-friable*	*Scope dependent*	-

***Notes on asbestos containing materials:**

ACM flooring and associated mastic noted above was found within the described scope of work. This material was intact at time of inspection. This material was sampled in the NW section of the branch in the room behind the teller area. This material may extend into other sections of the structure, including areas outside the described scope of work. Any disturbance to this material should be handled as an asbestos project.

Inaccessible materials. Any materials found within the scope of work and not specifically accounted for with sampling in this report should be presumed to contain asbestos and treated accordingly until sampled and proven otherwise.

No additional suspect materials were noted in the described scope of work.



1 DEMOLITION PLAN - OPTION 1

Sampled Homogeneous Materials:

HAN	Homogeneous Material	Sample #	PLM/TEM Result	ACM
-	*Plaster*	*01*	*NAD*	*NA*
-	*Plaster*	*02*	*NAD*	*NA*
-	*Plaster*	*03*	*NAD*	*NA*
-	*Drywall*	*04*	*NAD*	*NA*
-	*Drywall*	*05*	*NAD*	*NA*
-	*Compound*	*06*	*NAD*	*NA*
-	*Compound*	*07*	*NAD*	*NA*
-	*Compound*	*08*	*NAD*	*NA*
-	*Compound*	*09*	*NAD*	*NA*
-	*Compound*	*10*	*NAD*	*NA*
-	*Compound*	*11*	*NAD*	*NA*
-	*Ceiling tile + adhesive*	*12*	*NAD*	*NA*
-	*Ceiling tile + adhesive*	*13*	*NAD*	*NA*
-	*Carpet adhesive*	*14*	*NAD*	*NA*
-	*Carpet adhesive*	*15*	*NAD*	*NA*
-	*9x9 Floor tile*	*16L1*	*Chrysotile 2.4*	*ACM*
-	*Adhesive on 16*	*16L2*	*Chrysotile 5.2*	*ACM*

Notes:

HAN = Homogeneous Area Number
PLM = Analyzed by Polarized Light Microscopy
TEM = Analyzed by Transmission Electron Microscopy
ACM = >1.0% asbestos, assumed asbestos containing
FT = Floor tile
NAD = No asbestos detected
NA = Not applicable
PS = Positive stop
Ext = Exterior of structure, including roof
TRACE = Less than 1% asbestos - Non-ACM

Samples of mudded fittings on fiberglass insulated lines and samples of exterior caulk on metal panels were collected and archived in the event these materials are encountered in the scope of work.

Transmittal

In the event the aforementioned structure is to be demolished and as required by NYS, as per NYCRR 56, Subpart 56-5, prior to demolition:

"One (1) copy of this completed asbestos survey shall be sent by the owner or their agent to the local government entity charged with issuing a permit for such demolition, renovation, remodeling or repair work under applicable State or local laws."

"The completed asbestos survey for controlled demolition (as per Subpart 56-11.5) or pre-demolition asbestos projects shall also be submitted to the appropriate Asbestos Control Bureau district office"

BUFFALO DISTRICT: Asbestos Control Bureau District Office for Cattaraugus, Chautauqua, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Wayne, Wyoming and Yates Counties:

NYS Dept. Of Labor:
One Hudson Square
75 Varick Street, 7th Floor
New York, NY 10013

Laboratory Analysis:
Paradigm Environmental Services
1815 Love Road
Grand Island, NY 14072

Laboratory Analysis:
AmeriSci Richmond
13635 Genito Road
Midlothian, VA 23112

New York State – Department of Labor
Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

56 Services, Inc.

P.O. Box 561

Buffalo, NY 14213

FILE NUMBER: 07-0281
LICENSE NUMBER: 29631
LICENSE CLASS: FULL
DATE OF ISSUE: 04/22/2021
EXPIRATION DATE: 05/31/2022

Duly Authorized Representative – Robert Barr:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Amy Phillips, Director
For the Commissioner of Labor

SH 432 (8/12)

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

56 Services, Inc
Attn: Robert Barr
PO Box 561

Buffalo, NY 14213

Date Received 02/14/22 **AmeriSci Job #** 122021577
Date Examined 02/17/22 **P.O. #**
ELAP # 10984 **Page** 1 **of** 5
RE: 22-02015; 1019 Park Street, Peekskill, NY 10566

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
01	122021577-01.1	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Location: Plaster; See Map			
Analyst Description: White, Homogeneous, Non-Fibrous, Top Coat (Plaster)			
Asbestos Types:			
Other Material: Non-fibrous 100%			
01	122021577-01.2	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Location: Plaster; See Map			
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster)			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100%			
02	122021577-02.1	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Location: Plaster; See Map			
Analyst Description: White, Homogeneous, Non-Fibrous, Top Coat (Plaster)			
Asbestos Types:			
Other Material: Non-fibrous 100%			
02	122021577-02.2	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Location: Plaster; See Map			
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster)			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100%			
03	122021577-03.1	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Location: Plaster; See Map			
Analyst Description: White, Homogeneous, Non-Fibrous, Top Coat (Plaster)			
Asbestos Types:			
Other Material: Non-fibrous 100%			

See Reporting notes on last page

PLM Bulk Asbestos Report

22-02015; 1019 Park Street, Peekskill, NY 10566

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
03	122021577-03.2	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Location: Plaster; See Map			
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster)			
Asbestos Types:			
Other Material: Non-fibrous 100%			
04	122021577-04	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Location: Drywall; See Map			
Analyst Description: Off-White, Homogeneous, Fibrous, Drywall			
Asbestos Types:			
Other Material: Fibrous glass 1%, Non-fibrous 99%			
05	122021577-05	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Location: Drywall; See Map			
Analyst Description: Off-White/ Brown, Homogeneous, Fibrous, Drywall w/ paper backing			
Asbestos Types:			
Other Material: Cellulose 3%, Fibrous glass 1%, Non-fibrous 96%			
06	122021577-06	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Location: Compound; See Map			
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100%			
07	122021577-07	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Location: Compound; See Map			
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100%			
08	122021577-08	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Location: Compound; See Map			
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100%			

See Reporting notes on last page

PLM Bulk Asbestos Report

22-02015; 1019 Park Street, Peekskill, NY 10566

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
09	122021577-09	***No***	NAD
Location: Compound; See Map			(by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100%			
10	122021577-10	***No***	NAD
Location: Compound; See Map			(by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100%			
11	122021577-11	***No***	NAD
Location: Compound; See Map			(by NYS ELAP 198.1) by C. David Mintz on 02/17/22
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100%			
12	122021577-12L1	***No***	NAD
Location: Ceiling Tile & Adhesive; See Map			(by NYS ELAP 198.6) by C. David Mintz on 02/17/22
Analyst Description: White/ Gray, Homogeneous, Fibrous, Ceiling Tile			
Asbestos Types:			
Other Material: Non-fibrous 14.4%			
Comment: Heat Sensitive (organic): 20.9%; Acid Soluble (inorganic): 64.7%; Inert (Non-asbestos): 14.4%			
12	122021577-12L2	***No***	NAD
Location: Ceiling Tile & Adhesive; See Map			(by NYS ELAP 198.6) by C. David Mintz on 02/17/22
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 45.3%			
Comment: Heat Sensitive (organic): 52.2%; Acid Soluble (inorganic): 2.5%; Inert (Non-asbestos): 45.3%			

See Reporting notes on last page

PLM Bulk Asbestos Report

22-02015; 1019 Park Street, Peekskill, NY 10566

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13	122021577-13L1	***No***	NAD
Location: Ceiling Tile & Adhesive; See Map			(by NYS ELAP 198.6) by C. David Mintz on 02/17/22
Analyst Description: White / Gray, Homogeneous, Non-Fibrous, Ceiling Tile			
Asbestos Types:			
Other Material: Non-fibrous 11.4%			
Comment: Heat Sensitive (organic): 31.2%; Acid Soluble (inorganic): 57.3%; Inert (Non-asbestos): 11.4%			
13	122021577-13L2	***No***	NAD
Location: Ceiling Tile & Adhesive; See Map			(by NYS ELAP 198.6) by C. David Mintz on 02/17/22
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 44.3%			
Comment: Heat Sensitive (organic): 51.9%; Acid Soluble (inorganic): 3.8%; Inert (Non-asbestos): 44.3%			
14	122021577-14	***No***	NAD
Location: Carpet Adhesive; See Map			(by NYS ELAP 198.6) by C. David Mintz on 02/17/22
Analyst Description: YellowishTan, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 4.3%			
Comment: Heat Sensitive (organic): 82.0%; Acid Soluble (inorganic): 13.6%; Inert (Non-asbestos): 4.3%			
15	122021577-15	***No***	NAD
Location: Carpet Adhesive; See Map			(by NYS ELAP 198.6) by C. David Mintz on 02/17/22
Analyst Description: YellowishTan, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 17.3%			
Comment: Heat Sensitive (organic): 70.3%; Acid Soluble (inorganic): 12.5%; Inert (Non-asbestos): 17.3%			
16	122021577-16L1	***No***	NAD
Location: 9x9 Ft & Mastic; See Map			(by NYS ELAP 198.6) by C. David Mintz on 02/17/22
Analyst Description: YellowishBrown, Homogeneous, Fibrous, Mastic # 1			
Asbestos Types:			
Other Material: Non-fibrous 100%			
Comment: Heat Sensitive (organic): 73.0%; Acid Soluble (inorganic): 4.5%; Inert (Non-asbestos): 22.5%			

See Reporting notes on last page

PLM Bulk Asbestos Report

22-02015; 1019 Park Street, Peekskill, NY 10566

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
16	122021577-16L2	***Yes***	2.4% (by NYS ELAP 198.6) by C. David Mintz on 02/17/22

Location: 9x9 Ft & Mastic; See Map

Analyst Description: Gray w/ Black, Homogeneous, Fibrous, Floor Tile
Asbestos Types: Chrysotile 2.4 %
Other Material: Non-fibrous 17.8%
Comment: Heat Sensitive (organic): 18.6%; Acid Soluble (inorganic): 61.2%; Inert (Non-asbestos): 17.8%

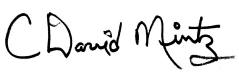
Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
16	122021577-16L3	***Yes***	5.2% (by NYS ELAP 198.6) by C. David Mintz on 02/17/22

Location: 9x9 Ft & Mastic; See Map

Analyst Description: Black, Homogeneous, Fibrous, Mastic #2
Asbestos Types: Chrysotile 5.2 %
Other Material: Non-fibrous 28.5%
Comment: Heat Sensitive (organic): 50.8%; Acid Soluble (inorganic): 15.5%; Inert (Non-asbestos): 28.5%

Reporting Notes:

Analyzed by: C. David Mintz
Date: 2/17/2022



Reviewed by: T. Brian Keith

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Olympus, Model BH-2 microscope, Serial #210972, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Table I
Summary of Bulk Asbestos Analysis Results

22-02015; 1019 Park Street, Peekskill, NY 10566

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01.1	01		----	----	----	----	NAD	NA
Location: Plaster; See Map								
01.2	01		----	----	----	----	NAD	NA
Location: Plaster; See Map								
02.1	02		----	----	----	----	NAD	NA
Location: Plaster; See Map								
02.2	02		----	----	----	----	NAD	NA
Location: Plaster; See Map								
03.1	03		----	----	----	----	NAD	NA
Location: Plaster; See Map								
03.2	03		----	----	----	----	NAD	NA
Location: Plaster; See Map								
04	04		----	----	----	----	NAD	NA
Location: Drywall; See Map								
05	05		----	----	----	----	NAD	NA
Location: Drywall; See Map								
06	06		----	----	----	----	NAD	NA
Location: Compound; See Map								
07	07		----	----	----	----	NAD	NA
Location: Compound; See Map								
08	08		----	----	----	----	NAD	NA
Location: Compound; See Map								
09	09		----	----	----	----	NAD	NA
Location: Compound; See Map								
10	10		----	----	----	----	NAD	NA
Location: Compound; See Map								
11	11		----	----	----	----	NAD	NA
Location: Compound; See Map								
12L1	12		0.152	20.9	64.7	14.4	NAD	NAD
Location: Ceiling Tile & Adhesive; See Map								
12L2	12		0.162	52.2	2.5	45.3	NAD	NAD
Location: Ceiling Tile & Adhesive; See Map								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results

22-02015; 1019 Park Street, Peekskill, NY 10566

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
13L1	13		0.053	31.2	57.3	11.4	NAD	NAD
Location:	Ceiling Tile & Adhesive; See Map							
13L2	13		0.182	51.9	3.8	44.3	NAD	NAD
Location:	Ceiling Tile & Adhesive; See Map							
14	14		0.163	82.0	13.6	4.3	NAD	NAD
Location:	Carpet Adhesive; See Map							
15	15		0.135	70.3	12.5	17.3	NAD	NAD
Location:	Carpet Adhesive; See Map							
16L1	16		0.151	73.0	4.5	22.5	NAD	NAD
Location:	9x9 Ft & Mastic; See Map							
16L2	16		0.194	18.6	61.2	17.8	Chrysotile 2.4	NA
Location:	9x9 Ft & Mastic; See Map							
16L3	16		0.163	50.8	15.5	28.5	Chrysotile 5.2	NA
Location:	9x9 Ft & Mastic; See Map							

Analyzed by: T. Brian Keith 

Reviewed by: T. Brian Keith 

Date: 2/17/2022

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%; PLM analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab # 10984); TEM prep by EPA 600/R-93/116 Section 2.3 (analysis by Section 2.5, not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984). Analysis using Jeol, Model JEM-100CX II microscope, Serial #156147-247. ** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

122021577

22-02015
56 Services Project Number

Lab ID Number

05 Feb 22
Sampling Date

RUSH 48H (3D) 5D
(24H if not selected)

1019 PARK STREET PEEKSKILL NY 10566
Project Address

16
Number of Samples

Results Due By

Sample #	ABC	TEM	Material Description	Sample Location	Material Location	Quantity
01			Plaster	See Map	See Map	
02			↓	↓	↓	
03						
04			Drywall			
05			↓			
06			Compound			
07			↓			
08						
09			Compound			
10			↓			
11						
12			Ceiling tile + Adhesive			
13			↓			
14			Ca. Adhesive			
15			↓			
16			9x9 F.T. + MASTIC			

☐ Transite _____
☐ Duct _____

Additional Notes:
(A) Fittings + Ext Caulk Archived

Additional Instructions:
- ☐ Analyze PLM then TEM if negative AND NOB
- ☐ Stop ALL analysis if _____ ACM
- ☐ TEM Analysis only (or as marked above)
- ☐ Positive Stop per group:

Analyze for the following State:
- ☐ Pennsylvania
- ☐ Louisiana
- ☐ West Virginia
- ☐ Other

Please analyze as per NYS
If no other state is selected

RECEIVED email results to – rob@56services.com

Sampled / Relinquished By:	Date and Time	Received By:	Date and Time
		FEB 14 2022	

COMcheck Software Version 4.1.5.3

Interior Lighting Compliance Certificate

Project Information

Energy Code:	2018 IECC
Project Title:	M&T Bank - Peekskill NY
Project Type:	Alteration

Construction Site:
1019 Park Street
Peekskill, NY 10566

Owner/Agent:
M&T Bank One M&T Plaza
345 Main Street
Buffalo, NY 14203

Designer/Contractor:
SP+A
3190 Whitney Avenue
Hamden, CT 06518
203-230-9007

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Bank - Banking (Bank:Banking Activity Area)	2600	0.86	2236
		Total Allowed Watts =	2236

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Bank - Banking (Bank:Banking Activity Area 2600 sq.ft.)				
LED 1: L-06: 2x2 Direct/Indirect: Other:	1	46	28	1311
LED 2: L-05: 4FT. Wraparound: Other:	1	4	38	152
			Total Proposed Watts =	1463

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COM*check* Version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

STEVE CROTEAU
Name - Title

Signature

5/25/2022
Date