CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS DIVISION

PROJECT NO. PRJ 000371

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225

FOR
THE MAYOR AND CITY COUNCIL

BRANDON M. SCOTT, MAYOR

SOUTHERN POLICE DISTRICT - PROJECT NO. PRJ 000371
INTERIOR RENOVATIONS

REVISIONS		
No	DESCRIPTION	DATE

CONSULTANTS	SEAL	PROFESSIONAL CERTIFICATION	USER AGENCY					
MW STUDIOS DAVID WOODWARD, AIA PRINCIPAL ARCHITECT MANNS WOODWARD STUDIOS 8010 SANDPIPER CIR, SUITE H NOTTINGHAM, MD 21236 (P) 410-944-1400		I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO: 15265 EXPIRATION DATE: 08-19-2026	BALTIMORE POLICE DEPARTMENT (410) 545 - 6073	Malia Mendonca 5/28/2025		Herman Guadalupe (Jun 2, 2025 09:48 EDT) 06/02/2025	Marwan Alkaragat 6/2/2025	Berke Attila 6/2/2025
				PROJECT MANAGER DESIGN SECTION	CONSTRUCTION MANAGER CONSTRUCTION SECTION	SECTION CHIEF, DESIGN SECTION	DIVISION CHIEF, DESIGN & CONSTRUCTION DIVISION	DIRECTOR, DEPARTMENT OF GENERAL SERVICES

4/16/2025

SHEET
G000

SYMBOLS & TAGS LEGEND

TAG	DESCRIPTION
101A	DOOR TAG
CASEWORK SERIES; NUMBER OF SHELVES; CABINET DEPTH; 402; 30.00 - 24.00 - 84.00; CABINET WIDTH; CABINET HEIGHT	CASEWORK TAG *AS OUTLINED IN THE ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS*
S1	SPECIALTY EQUIPMENT TAG
1 A	COLUMN LINE DESIGNATION TAG
REFERENCE 0'-0"	LEVEL ELEVATION TAG
P T	NORTH ARROW TAG T = TRUE NORTH P = PROJECT NORTH
ROOM 101	ROOM NAME & NUMBER TAG
1 A101	SECTION TAG
1 A101	CALLOUT / DETAIL
0'-0"	SPOT ELEVATION TAG
1 DRAWING TITLE DRAWING SCALE	DETAIL / DRAWING TITLE TAG
CLG-12 9'-0" TYPE HEIGHT	CEILING TAG
99	PARTITION TAG
?	MATERIAL TAG
W1	WINDOW TAG
12 6 6:12	ROOF SLOPE ANNOTATION
1 A101	ELEVATION TAG
0 NEW CONSTRUCTION; 0 DEMOLITION	SPECIFIC NOTE

KEY TO MATERIALS

SECTION PATTERN	DESCRIPTION
	BRICK
	CMU MASONRY
	CONCRETE
	POROUS FILL
	EARTH
	PLYWOOD
	GYPSUM BOARD
	RIGID INSULATION
	BATT INSULATION
	END GRAIN LUMBER
	WOOD BLOCK OR SHIM
	FINISH WOOD

COMMON ABBREVIATIONS

SYMBOLS
& - AND
@ - AT
⌀ - DIAMETER
□ - SQUARE

A
AB - ANCHOR BOLT
ABV - ABOVE
ACOUST - ACOUSTICAL
ACT - ACOUSTIC CEILING TILE
AFF - ABOVE FINISH FLOOR
AHJ - AUTHORITY HAVING JURISDICTION
ALUM - ALUMINUM
AP - ACCESS PANEL
APPROX - APPROXIMATELY
ARCH - ARCHITECTURAL

B
B.C. - BOTTOM CHORD
BLK - BLOCK
BLDG - BUILDING
BLKG - BLOCKING
BLKHD - BULKHEAD
BM - BEAM
B.O. - BOTTOM OF
BOD - BASIS OF DESIGN
BOT - BOTTOM
B.R. - BULLET RESISTANT
BRNG - BEARING

C
℄ - CENTER LINE
CFCI - CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CFOI - CONTRACTOR FURNISHED, OWNER INSTALLED
CFLS - COUNTER FLASHING
CJ - CONTROL JOINT
CL - CLOSET
CLG - CEILING
CMU - CONCRETE MASONRY UNIT
CND - CONDUIT
COL. - COLUMN
COOR - COORDINATE
CONC - CONCRETE
CONSTR - CONSTRUCTION
CONT - CONTINUOUS
C.T. / CT - CERAMIC TILE
CPT - CARPET / CARPET TILE
CTSK - COUNTERSUNK
CU - CUBIC
CU FT - CUBIC FOOT
CU YD - CUBIC YARD

D
D - DEEP / DEPTH
DEG - DEGREE
DIA - DIAMETER
DIM - DIMENSION
DL - DEAD LOAD
DMPR - DAMPER
DN - DOWN
DR - DOOR
DS - DOWNSPOUT
DTL - DETAIL
DWG - DRAWING

E
EA - EACH
EIFS - EXTERIOR INSULATON AND FINISHING SYSTEM
ELEC - ELECTRICAL
EL - ELEVATION
ELEV - ELEVATION
ELMA - ELEVATOR MACHINE ROOM
EJ - EXPANSION JOINT
ENT - ENTRANCE, ENTRY
EQ - EQUAL
EST - ESTIMATE
EW - EACH WAY
EXST - EXISTING
EXT - EXTERIOR
EXP - EXPOSED
EXP JT - EXPANSION JOINT

F
F - FAHRENHEIT
FD - FLOOR DRAIN
F.E. - FIRE EXTINGUISHER
F.E.C. - FIRE EXTINGUISHER CABINET
FF - FINISHED FLOOR
FF EL - FINISHED FLOOR ELEVATION
FG - FINISHED GRADE
FHY - FIRE HYDRANT
FDC - FIRE DEPARTMENT CONNECTION
FIN - FINISH
FIN FL - FINISHED FLOOR
FL - FLOOR
FLEX - FLEXIBLE
FLUOR - FLUORESCENT
FND - FOUNDATION
FPM - FEET PER MINUTE
FRT - FIRE RETARDANT TREATED
FSK - FOIL SCRIM KRAFT
FT - FEET, FOOT
FT - FLOOR TRANSITION
FTG - FOOTING

G
GA - GAGE, GAUGE
GALV - GALVANIZED
GL - GLASS, GLAZING
GND - GROUND
GRTG - GRATING
GWB - GYPSUM WALL BOARD

H
H - HIGH / HEIGHT
HC - HANDICAPPED
HD - HEAD
HM - HOLLOW METAL
HORIZ - HORIZONTAL
HR - HOUR
HT - HEIGHT

I
ID - INSIDE DIAMETER
IN - INCH
INFO - INFORMATION
INSUL - INSULATION

J
JB - JUNCTION BOX
JM - JAMB
JST - JOIST
JT - JOINT

L
LG - LONG
LL - LIVE LOAD
LSC - LIFE SAFETY CODE
LTG - LIGHTING

M
MACH - MACHINE
MATL - MATERIAL
MAX - MAXIMUM
MBT - MARBLE THRESHOLD
MECH - MECH
MEP - MECHANICAL / ELECTRICAL / PLUMBING
MFGR - MANUFACTURER
MH - MANHOLE
MIN - MINIMUM
MO - MASONRY OPENING
MSNRY - MASONRY
M.T. - METAL THRESHOLD
MTL - METAL
MTD - MOUNTED

N
NA - NOT APPLICABLE
NIC - NOT IN CONTRACT
NO - NUMBER
NTS - NOT TO SCALE

O
O/C - ON CENTER
OD - OUTSIDE DIAMETER
OFIC - OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI - OWNER FURNISHED, OWNER INSTALLED
OPNG - OPENING
OPP - OPPOSITE
OPP HND - OPPOSITE HAND
OV - OVER
OVHD - OVERHEAD

P
P.LAM - PLASTIC LAMINATE
PLY - PLYWOOD
PLYWD - PLYWOOD
PNLBD - PANELBOARD
PNT/ PT - PAINT
POLYISO - POLYISOCYANURATE
PRESS - PRESSURE
PROJ - PROJECT
PROP - PROPERTY
PSF - POUNDS PER SQUARE FOOT
PSI - POUNDS PER SQUARE INCH
PT - PRESSURE TREATED
PTD - PAINTED
PVC - POLYVINYL CHLORIDE
PVMT - PAVEMENT
PWT - PREFABRICATED WOOD TRUSS

R
R - RADIUS
RCP - REFLECTED CEILING PLAN
REINF - REINFORCING, REINFORCED
RES - RESINOUS
REQD - REQUIRED
REV - REVISION
RGD - RIGID
RM - ROOM
RO - ROUGH OPENING
RST - REINFORCING STEEL

S
SB - SMART BOARD
SCD - SEE CIVIL DRAWINGS
SCHED - SCHEDULE
SD - STORM DRAIN
SED - SEE ELECTRICAL DRAWINGS
SECT - SECTION
SF - SQUARE FOOT
SI - SQUARE INCH
SIM - SIMILAR
SLP - SLOPE
SMD - SEE MECHANICAL DRAWINGS
SPCL - SPECIAL
SPEC - SPECIFICATIONS
SPLY - SUPPLY
SQ - SQUARE
SS - STAINLESS STEEL
SSD - SEE STRUCTURAL DRAWINGS
ST - STREET
STD - STANDARD
STL - STEEL
STOR - STORAGE
STRUCT - STRUCTURAL
SURF - SURFACE
SUSP - SUSPENDED
SW - SWITCH
SYS - SYSTEM

T
T & B - TOP AND BOTTOM
T.B. - TACK BOARD
T.B.D. - TO BE DETERMINED
TEMP - TEMPERATURE
THK - THICK
THRES - THRESHOLD
T&G - TONGUE & GROOVE
T0 - TOP OF
TOB - TOP OF BEARING POINT
TOC - TOP OF CONCRETE
TOF - TOP OF FOOTING
TOM - TOP OF MASONRY
TOP - TOP OF PAVEMENT, PARAPET
TOS - TOP OF STEEL
TRTD - TREATED
T.S. - TRANSITION STRIP
TYP - TYPICAL

U
UGND - UNDERGROUND
UL - UNDERWRITERS LAB
UNO - UNLESS NOTED OTHERWISE
UON - UNLESS OTHERWISE NOTED

V
VB - VAPOR BARRIER
VCT - VINYL COMPOSITION TILE
VERT - VERTICAL
VIF - VERIFY IN FIELD
VOL - VOLUME

W
W - WIDE / WIDTH
W/ - WITH
W/0 - WITHOUT
W.B. - WHITEBOARD
WD - WOOD
WR - WATER RESISTANT
WTRPRF - WATERPROOF
WWF - WELDED WIRE FABRIC
WWM - WELDED WIRE MESH

THIS LIST OF ABBREVIATIONS IS A GUIDE TO ABBREVIATIONS WHICH MAY BE USED IN THESE DOCUMENTS. ABBREVIATIONS NOT LISTED MAY ALSO BE USED.

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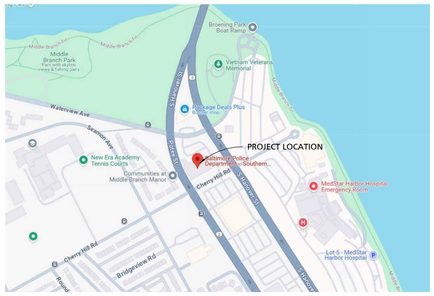
CORRELATION AND INTENT OF THE CONTRACT DOCUMENTS

THE INTENT OF THE CONSTRUCTION DRAWINGS AND THE CONSTRUCTION SPECIFICATIONS/PROJECT MANUAL IS TO INCLUDE ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK BY THE CONTRACTOR. THE CONSTRUCTION DRAWINGS AND THE CONSTRUCTION SPECIFICATIONS/PROJECT MANUAL ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL; PERFORMANCE BY THE CONTRACTOR SHALL BE REQUIRED ONLY TO THE EXTENT CONSISTENT WITH THE CONSTRUCTION DRAWINGS AND THE CONSTRUCTION SPECIFICATIONS/PROJECT MANUAL AND REASONABLY INFERABLE FROM THEM AS BEING NECESSARY TO PRODUCE THE INDICATED/INTENDED RESULTS. IN THE CASE OF INCONSISTENCIES BETWEEN THE CONSTRUCTION DRAWINGS AND THE CONSTRUCTION SPECIFICATIONS/PROJECT MANUAL OR WITHIN EITHER DOCUMENT NOT CLARIFIED BY ADDENDUM, THE BETTER QUALITY OR GREATER QUANTITY OF WORK SHALL BE PROVIDED IN ACCORDANCE WITH THE ARCHITECT'S INTERPRETATION.



VICINITY MAP
NOT TO SCALE

DRAWING INDEX

SHEET NUMBER	SHEET NAME
GENERAL / CODE	
G000	COVER SHEET
G001	DRAWING INDEX, LEGENDS AND ABBREVIATIONS
G002	CODE ANALYSIS & KEY PLAN
G003	CODE PLAN
G004	TYPICAL ACCESSIBILITY GUIDELINES
ARCHITECTURAL - DEMOLITION	
AD100	DEMOLITION FLOOR PLAN
AD101	DEMOLITION RCP
AD500	DEMOLITION ROOF PLAN
ARCHITECTURAL - NEW WORK	
A100	REFERENCE PLAN
A101	DIMENSION PLAN
A102	FINISH PLAN, SCHEDULE & DETAILS
A103	FIXTURES, FURNISHINGS & EQUIPMENT PLAN
A500	ROOF PLAN
A501	ROOF PLAN DETAILS
A600	DOOR SCHEDULE, TYPES & DETAILS
A700	TYPICAL BUILT-IN, EQUIPMENT & ACCESSORY DETAILS
A701	ENLARGED PLANS & INT. ELEVATIONS
A702	ENLARGED PLANS & INT. ELEVATIONS
A703	ENLARGED PLANS & INT. ELEVATIONS
A800	REFLECTED CEILING PLAN
STRUCTURAL - GENERAL	
S001	GENERAL NOTES AND TYPICAL DETAILS
STRUCTURAL - NEW WORK	
S101	ROOF FRAMING PLAN AND SECTIONS
MECHANICAL - GENERAL	
M001	MECHANICAL DATA SHEET
MECHANICAL - DEMOLITION	
M101	FIRST FLOOR MECHANICAL DEMOLITION PLAN
M102	ROOF MECHANICAL DEMOLITION PLAN
MECHANICAL - NEW WORK	
M201	FIRST FLOOR MECHANICAL PLAN
M202	ROOF MECHANICAL PLAN
M401	MECHANICAL DETAILS
M601	MECHANICAL SCHEDULES
PLUMBING - GENERAL	
P001	PLUMBING DATA SHEET
PLUMBING - DEMOLITION	
P101	FIRST FLOOR PLUMBING DEMOLITION PLAN
PLUMBING - NEW WORK	
P201	FIRST FLOOR PLUMBING SUPPLY PLAN
P301	FIRST FLOOR PLUMBING DRAINAGE PLAN
P501	PLUMBING - DETAILS
P601	PLUMBING RISER DIAGRAMS
P701	PLUMBING SCHEDULES
ELECTRICAL - GENERAL	
E001	ELECTRICAL DATA SHEET
ELECTRICAL - DEMOLITION	
E101	FIRST FLOOR LIGHTING DEMOLITION PLAN
E111	FIRST FLOOR POWER DEMOLITION PLAN
ELECTRICAL - NEW WORK	
E201	FIRST FLOOR LIGHTING PLAN
E211	FIRST FLOOR POWER PLAN
E212	ROOF POWER PLAN
E601	ELECTRICAL RISER DIAGRAMS
E701	ELECTRICAL SCHEDULES

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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER: #15505 EXPIRATION DATE: 8-18-2026

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

DRAWING INDEX, LEGENDS AND ABBREVIATIONS

100% CD
4/16/2025

SHEET G001

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CODE ANALYSIS - SUMMARY

PROJECT	APPLICABLE CODES	
BALTIMORE CITY POLICE DEPARTMENT SOUTHERN DISTRICT - PARTIAL INTERIOR RENOVATION	MARYLAND BUILDING PERFORMANCE STANDARDS INTERNATIONAL BUILDING CODE INTERNATIONAL EXISTING BUILDING CODE NATIONAL ELECTRIC CODE INTERNATIONAL MECHANICAL CODE INTERNATIONAL PLUMBING CODE INTERNATIONAL FIRE CODE INTERNATIONAL ENERGY CONSERVATION CODE INTERNATIONAL GREEN CONSTRUCTION CODE	2023 2021 2021 2020 2021 2021 2021 2021 2021

PROJECT DESCRIPTION

THE PROJECT SCOPE OF WORK INCLUDES DEMOLITION OF EXISTING HOLDING CELLS, ASSOCIATED OFFICES AND STORAGE AREAS AND TOILET/SHOWER/LOCKER ROOMS TO MAKE WAY FOR NEW TOILET/SHOWER/LOCKER ROOMS, FITNESS ROOM AND SPIN STUDIO WITH UPDATED FINISHES, FIXTURES AND EQUIPMENT. THIS BUILDING IS TYPE IIB, PARTIALLY SPRINKLERED.

INTERNATIONAL EXISTING BUILDING CODE 2021

USE & OCCUPANCY CLASSIFICATIONS - IBC 304.1	WORK AREA SF & PERCENTAGE - IEBC 501.2
CURRENT USE & PROPOSED USE: BUSINESS	TOTAL EXISTING FLOOR AREA IS 20,708 SF AND THE TOTAL WORK AREA IS 35% OF THE TOTAL BUILDING.
COMPLIANCE METHOD - IEBC 301 & 503	BUILDING ELEMENTS & MATERIALS - IEBC 702
THIS ALTERATION IS A LEVEL 2. THE WORK SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7 & 8.	ALL NEW WORK SHALL COMPLY WITH THE REQUIREMENTS IN THE IBC, IECC, IMC, & IPC, AS APPLICABLE.

COMPLIANCE - IEBC 801.4

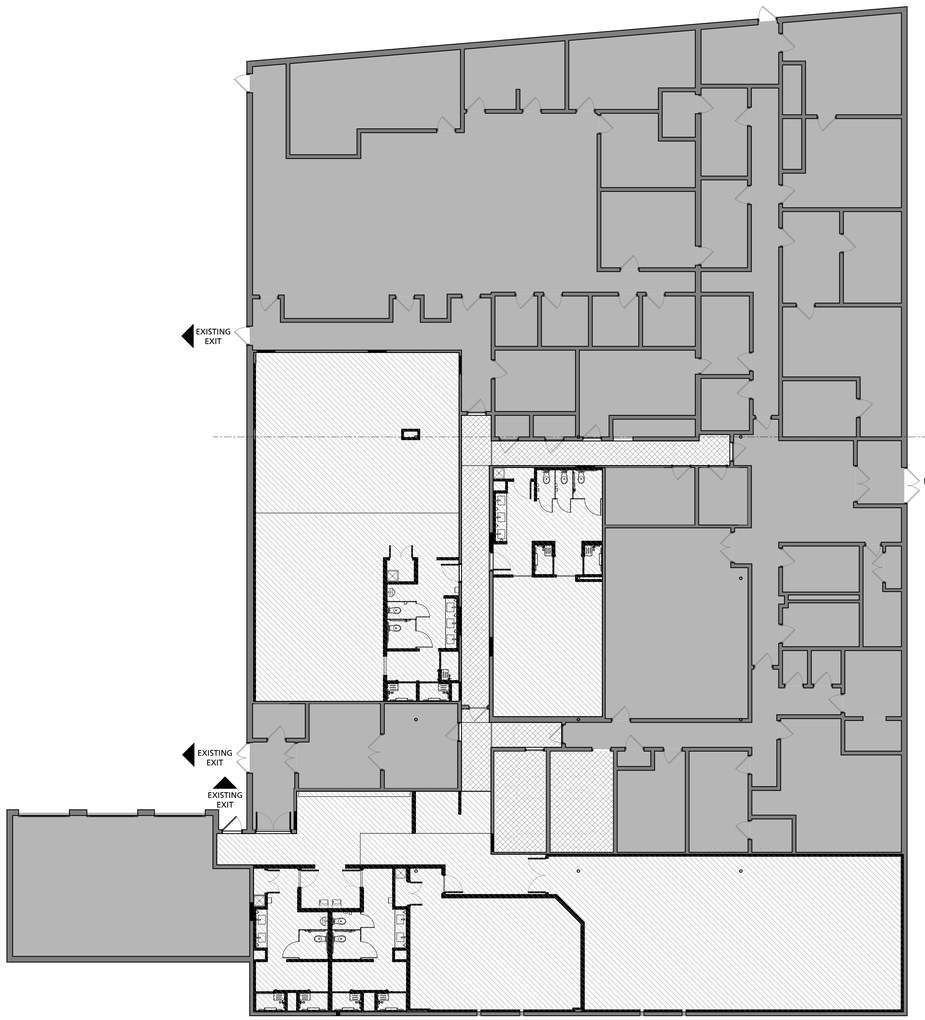
ALL NEW CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THE IBC EXCEPTIONS
1. WINDOWS DO NOT NEED TO COMPLY WITH THE LIGHT & VENTILATION REQUIREMENTS OF THE IBC.
2. NEWLY INSTALLED ELECTRICAL EQUIPMENT SHALL COMPLY WITH 808.
3. DEAD END CORRIDORS SHALL COMPLY WITH 805.6.
4. THE MIN. CEILING HEIGHT SHALL BE 7'-0".

MEANS OF EGRESS - IEBC 804.1	ACCESSIBLITY - IEBC 804 & 704
THIS SECTION DOES NOT APPLY TO THIS PROJECT BECAUSE THERE IS ONLY A SINGLE TENANT WITHIN THE WORK AREA.	ALL NEW WORK SHALL COMPLY WITH THE ACCESSIBILITY REQUIREMENTS. ALL EXISTING ELEMENTS TO REMAIN CURRENTLY COMPLY.
ELECTRICAL - IEBC 806	MECHANICAL - IEBC 807
ALL NEWLY INSTALLED ELECTRICAL EQUIPMENT & WIRING SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 70.	ALL NEWLY INSTALLED MECHANCIAL WORK SHALL COMPLY WITH THE IMC.
PLUMBING - IEBC 808	ENERGY CONSERVATION - IEBC 708 & 809
ALL NEWLY INSTALLED MECHANCIAL WORK SHALL COMPLY WITH THE IPC.	THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE IECC AS THEY RELATE TO NEW CONSTRUCTION ONLY.

INTERNATIONAL BUILDING CODE 2021

USE CLASSIFICATIONS - CHAPTER 3	OCCUPANCY CLASSIFICATIONS - TABLE 1004.5
B: OFFICE SPACE	BUSINESS AREAS: OFFICES AND ASSOCIATED SPACES ACCESSORY
CONSTRUCTION TYPE - CH.6	
MAIN BUILDING CONSTRUCTION TYPE: IIB PARTIALLY SPRINKLERED BUILDING NON-SEPARATED MIXED OCCUPANCIES (IBC SECTION 508.3)	
OCCUPANT LOAD FACTORS - TABLE 1004.5	
BUSINESS 150 GSF SEE OCCUPANCY CHARTS	

COMMON PATH OF EGRESS TABLE 1006.2.1	TRAVEL DISTANCE TABLE 1017.2	DEAD-END CORRIDORS 1020.5
ALLOWABLE = 75 FEET ACTUAL = 72 FEET	ALLOWABLE = 200 FEET ACTUAL = 152 FEET	ALLOWABLE = 20 FEET ACTUAL = 13 FEET



1 KEY PLAN
3/32" = 1'-0"

AREA OF NEW WORK (912 SQ FT OR 4%) -ALTERATION LEVEL 1
LEVEL 2 ALTERATION (6523 SQ FT OR 31%) -ALTERATION LEVEL 2
AREA TO REMAIN UNDISTURBED UNLESS OTHERWISE NOTED (13,626 SQ FT)

	ILLUMINATED "EXIT" SIGN
	ILLUMINATED "EXIT" SIGN W/ DIRECTION INDICATOR
1 HR UL/ASSE SMOKE PARTITION	RATED WALL TAG
FEC	RECESSED FIRE EXTINGUISHER & CABINET
	1 HOUR RATED PARTITION
	2 HOUR RATED PARTITION
	TRAVEL DISTANCE
	COMMON PATH
A B C	A = OCCUPANTS B = MINIMUM EGRESS WIDTH REQUIRED C = ACTUAL EGRESS WIDTH
	EXISTING WALL TO REMAIN
	EXISTING CONSTRUCTION TO BE DEMOLISHED (SEE DEMO PLANS)
	NEW WALL/PARTITION
	NEW DOOR
	EXISTING DOOR TO REMAIN

CODE PLAN LEGEND
NOT TO SCALE

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CODE ANALYSIS & KEY PLAN

100% CD

4/16/2025

SHEET G002

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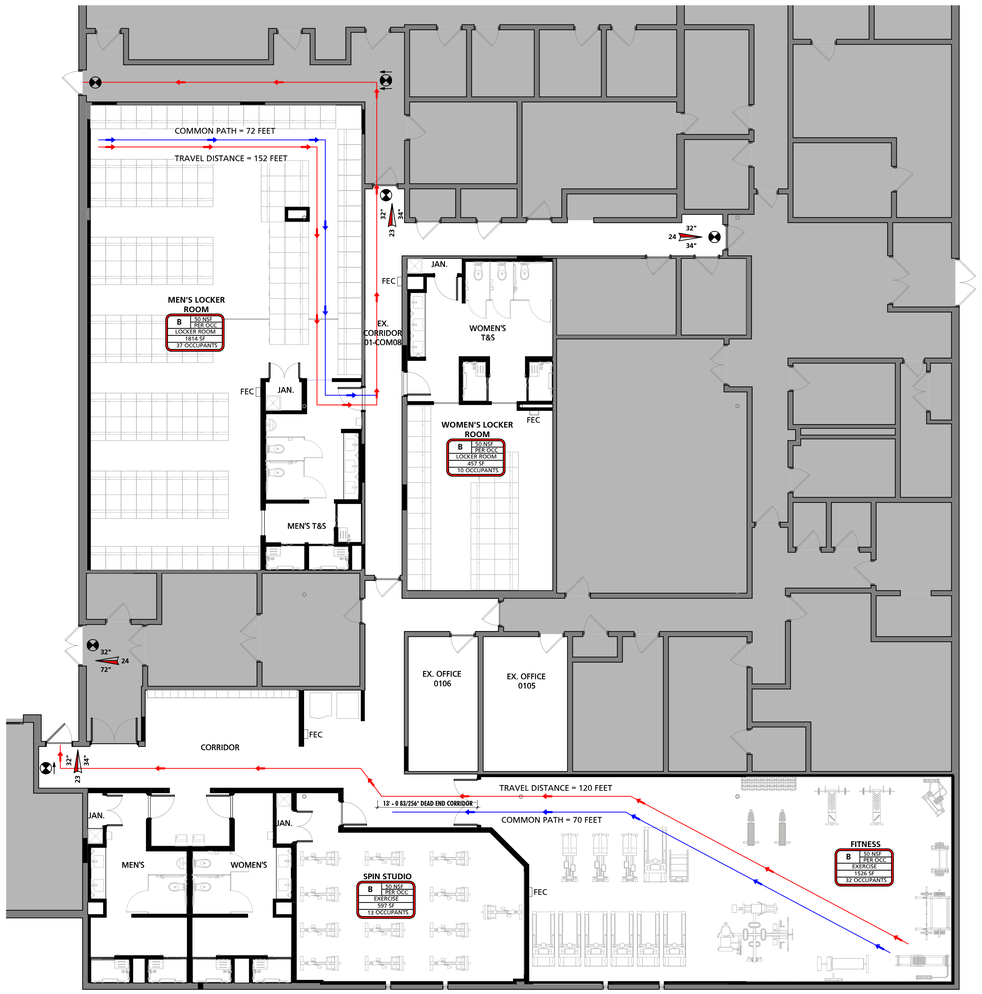

	ILLUMINATED "EXIT" SIGN
	ILLUMINATED "EXIT" SIGN W/ DIRECTION INDICATOR
1 HR UL#409 SMOKE PARTITION	RATED WALL TAG
FEC	RECESSED FIRE EXTINGUISHER & CABINET
	1 HOUR RATED PARTITION
	2 HOUR RATED PARTITION
	TRAVEL DISTANCE
	COMMON PATH
A B C	A = OCCUPANTS B = MINIMUM EGRESS WIDTH REQUIRED C = ACTUAL EGRESS WIDTH
	EXISTING WALL TO REMAIN
	EXISTING CONSTRUCTION TO BE DEMOLISHED (SEE DEMO PLANS)
	NEW WALL/PARTITION
	NEW DOOR
	EXISTING DOOR TO REMAIN

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

CODE PLAN LEGEND
NOT TO SCALE

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10 CHERRY HILL RD
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CODE PLAN

100% CD

4/16/2025

SHEET
G003

4 OF 44

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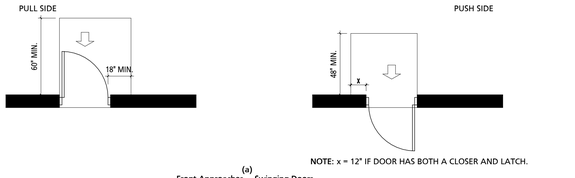
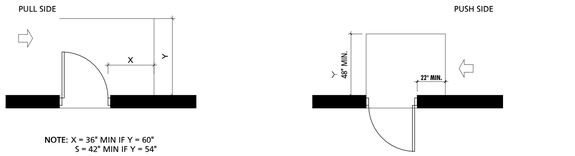
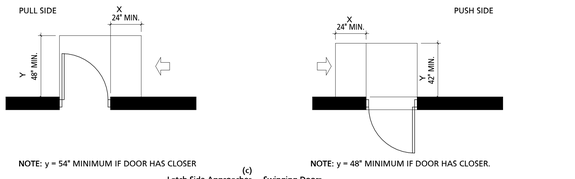


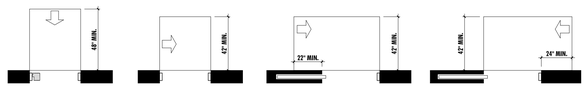
(a)
Front Approaches - Swinging Doors



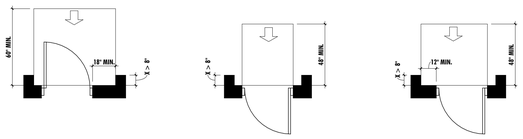
(b)
Hinge Side Approaches - Swinging Doors



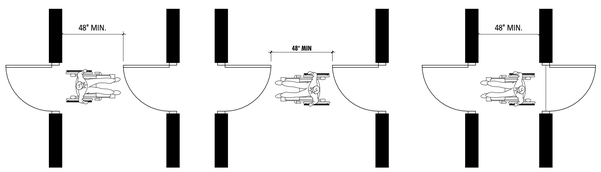
(c)
Latch Side Approaches - Swinging Doors



(d)
Doorways without Doors

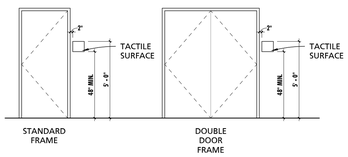


(e)
Recessed Doors and Gates



DOOR CLEARANCES (TYPICAL)

NOT TO SCALE

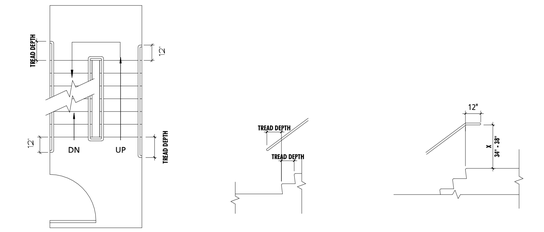


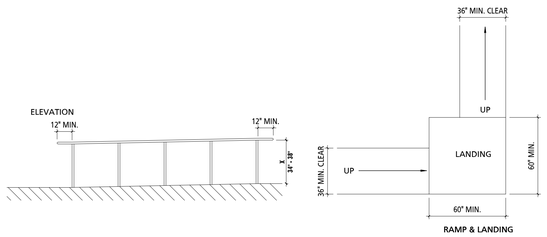
PROVIDE SIGNAGE AT ALL OF THE FOLLOWING LOCATIONS:

1. ADA COMPLIANT IDENTIFICATION ROOM SIGNAGE WITH REMOVABLE INSERT AT ALL ROOMS OTHER THAN MECHANICAL ROOMS AND TOILET ROOMS. SIGNS SHALL INDICATE ROOM NUMBER AND PROVIDE REMOVABLE INSERT FOR ROOM NAMES.
2. ADA COMPLIANT IDENTIFICATION ROOM SIGNAGE AT MECHANICAL ROOMS AND TOILET ROOMS. SINGLE OCCUPANT TOILET ROOMS SHALL BE IDENTIFIED AS UNI-SEX. SINGLE OCCUPANT TOILET ROOMS WITH CHANGING STATIONS SHALL BE IDENTIFIED AS FAMILY RESTOOMS.
3. ADA COMPLIANT IDENTIFICATION EXIT SIGNAGE AT ALL DOORS LEADING TO RATED EXITS.
4. ADA COMPLIANT IDENTIFICATION FLOOR LEVEL SIGNAGE AT ALL FLOOR LANDINGS OF STAIRS AND RAMPS.
5. ADA COMPLAINT INFORMATIONAL SIGNAGE AT ALL AED STATIONS AND FIRE EXTINGUISHERS.
6. ADA COMPLIANT INFORMATIONAL SIGNAGE INDICATING THE MAXIMUM OCCUPANCY OF ALL ASSEMBLY SPACES.
7. ADA COMPLIANT INFORMATIONAL SIGNAGE SHALL BE PROVIDED AT ALL ELEVATORS.

ADA SIGNAGE MOUNTING LOCATIONS

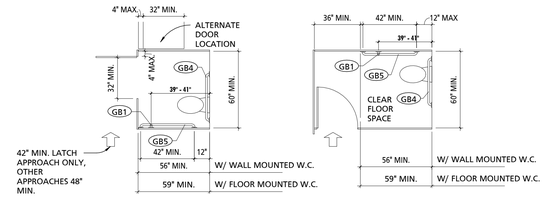
1/4" = 1'-0"

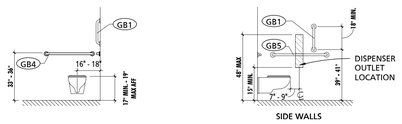


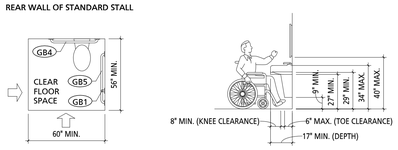


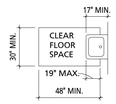
STAIR & RAMP CLEARANCES (TYPICAL)

NOT TO SCALE



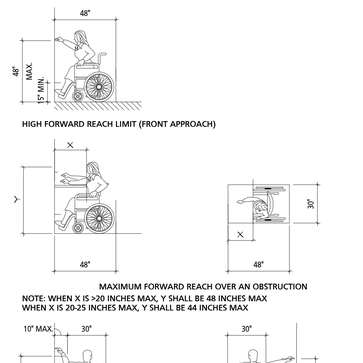






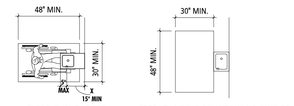
TOILET ROOM CLEARANCES (TYPICAL)

NOT TO SCALE



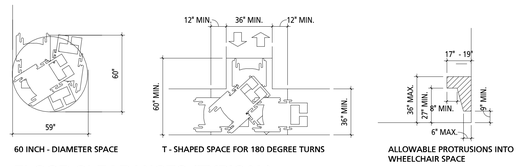
REACH RANGES & APPROACHES (TYPICAL)

NOT TO SCALE



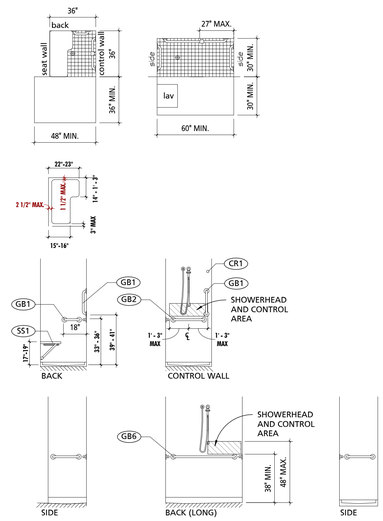
DRINKING FOUNTAINS (TYPICAL)

NOT TO SCALE



FLOOR CLEARANCES (TYPICAL)

NOT TO SCALE

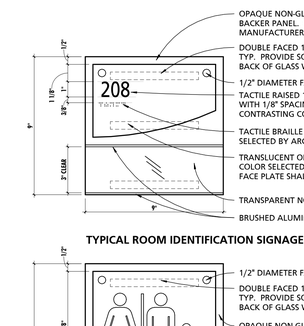


NOTE: SHOWER HEAD AND CONTROL AREA MAY BE ON BACK (LONG) WALL (AS SHOWN) OR ON EITHER SIDE WALL.

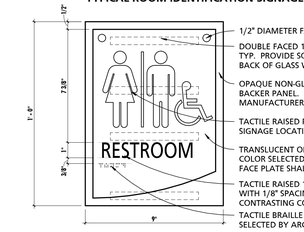
SHOWERS (TYPICAL)

NOT TO SCALE

TAG	FIXTURE/ACCESSORY
GB1	GRAB BAR - 18"
GB2	GRAB BAR - 24"
GB3	GRAB BAR - 30"
GB4	GRAB BAR - 36"
GB5	GRAB BAR - 42"
GB6	GRAB BAR - 48"
CR1	SHOWER CURTAIN ROD
SS1	FOLDING SHOWER SEAT



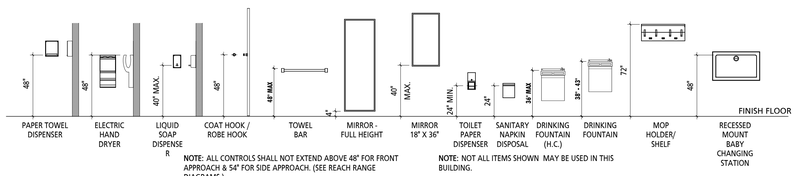
TYPICAL ROOM IDENTIFICATION SIGNAGE



TYPICAL RESTROOM SIGN

TYPICAL SIGNAGE DETAILS

NOT TO SCALE



NOTE: ALL CONTROLS SHALL NOT EXTEND ABOVE 48" FOR FRONT APPROACH & 54" FOR SIDE APPROACH. (SEE REACH RANGE DIAGRAMS.)

NOTE: NOT ALL ITEMS SHOWN MAY BE USED IN THIS BUILDING.

TYPICAL ACCESSIBLE MOUNTING HEIGHTS

NOT TO SCALE

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SEAL

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NUMBER: #15505
EXPIRATION DATE: 8-18-2026

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

TYPICAL ACCESSIBILITY GUIDELINES

100% CD

4/16/2025

SHEET G004

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

GENERAL DEMOLITION NOTES

1	ALL BIDDERS SHALL MAKE THEMSELVES FAMILIAR WITH THE EXISTING PROJECT CONDITIONS PRIOR TO SUBMITTING A BID. THIS IS INCLUSIVE OF CONDITIONS ABOVE ACCESIBLE CEILINGS TO DETERMINE WORKING CONDITIONS.
2	PRIOR TO THE PERFORMANCE OF ANY DEMOLITION WORK THE CONTRACTOR SHALL MAKE THEMSELVES FAMILIAR WITH THE EXISTING CONDITIONS OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING, PROVIDING, INSTALLING, AND MAINTAINING ALL TEMPORARY SUPPORT AND BRACING REQUIRED TO COMPLETE THE WORK.
3	THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS, DIMENSIONS, CONSTRUCTION ASSEMBLIES AND THE LIKE PRIOR TO FABRICATING, INSTALLING, OR PURCHASING ANY NEW WORK. DETAILS INDICATING EXISTING MATERIALS OF CONDITIONS MAY BE SHOWN WITHIN THE DOCUMENTS BUT ARE NOT INTENDED TO FULLY DEFINE EXISTING CONDITIONS.
4	DEMOLITION WORK MAY BE INDICATED THROUGHOUT THE CONTRACT DOCUMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL DOCUMENTS FOR ADDITIONAL DEMOLITION WORK.
5	IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN SAFE WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION SITE. THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRIERS AS REQUIRED TO PROTECT PERSONS AND PROPERTY AND OTHERWISE MAINTAIN SAFE WORKING CONDITIONS.
6	THE CONTRACTOR SHALL MAINTAIN A CLEAR, CLEAN, USEABLE CONSTRUCTION SITE THROUGH DAILY CLEANUP OF WORK AREAS.
7	THE OWNER SHALL BE MAINTAINING OCCUPANCY OF THE SITE AND PORTIONS OF THE BUILDING DURING THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND THE OWNER'S PERSONNEL THROUGHOUT THE CONSTRUCTION TO MINIMIZE, TO THE GREATEST EXTENT POSSIBLE, ANY DISRUPTIONS IN THE OWNER'S WORKING PROCEDURES. THE PHASING OF THE PROJECT SHALL BE DETERMINED BY THE CONTRACTOR AND SHALL NOT BE REASON FOR ADDITIONAL FEES. ADDITIONALLY, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER A MINIMUM OF 72 HOURS PRIOR TO ANY DISRUPTION OF SERVICES/UTILITIES REQUIRED TO COMPLETE THE WORK.
8	THE CONTRACTOR SHALL PROVIDE TEMPORARY DUST AND DEBRIS BARRIERS BETWEEN AREAS TO REMAIN IN OPERATION AND WORK AREAS. BARRIERS SHALL BE PROVIDED AT, BUT NOT LIMITED TO HVAC SUPPLY AND RETURN OPENINGS, TRANSFER VENTS, EXHAUST VENTS, AND OTHER SUCH OPENINGS. BARRIERS SHALL BE A MINIMUM OF 10 MIL PLASTIC SHEETING SECURED AND SEALED TO EXISTING CONSTRUCTION AND/OR TEMPORARY FRAMING. PLASTIC SHEETING SHALL BE OVERLAPPED A MINIMUM OF 12" AND TAPED BOTH SIDES.
9	THE CONTRACTOR SHALL PROVIDE PROTECTION FROM THE WEATHER FOR PORTIONS OF EXISTING CONSTRUCTION THAT ARE TO REMAIN OCCUPIED OR USEABLE BY THE OWNER OR TO AREAS THAT CONTAIN ITEMS TO REMAIN THAT WILL BE DAMAGED BY WEATHER.
10	ALL ITEMS INDICATED TO BE REMOVED AND/OR DEMOLISHED SHALL REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL REVIEW WITH THE OWNER IF ANY ITEMS TO BE REMOVED AND/OR DEMOLISHED ARE TO BE RETAINED BY THE OWNER PRIOR TO ANY DEMOLITION WORK BEING PERFORMED. ALL ITEMS TO BE RETAINED BY THE OWNER SHALL BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE OWNER IN THE CONDITION FOUND PRIOR TO ANY WORK BEING PERFORMED. ALL OTHER ITEMS INDICATED TO BE REMOVED AND/OR DEMOLISHED SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR IN A LAWFUL MANNER.
11	THE CONTRACTOR SHALL REPLACE OR REPAIR ANY ITEMS DAMAGED BY THE CONTRACTOR OR ANY OF ITS AGENTS TO A MINIMUM CONDITION MATCHING THE ITEMS' CONDITION AT THE START OF CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
12	THE CONTRACTOR SHALL REPAIR ANY MATERIALS, SYSTEMS, OR FINISHES WITHIN OR OUTSIDE OF THE GENERAL WORK AREA THAT ARE REQUIRED TO BE DISTURBED TO COMPLETE THE ENTIRE SCOPE OF WORK ASSOCIATED WITH BUILDING SYSTEM CONNECTIVITY.
13	THE CONTRACTOR SHALL PREPARE ALL SURFACES AFFECTED BY DEMOLITION OPERATIONS TO RECEIVE NEW WORK AS BOTH INDICATED WITHIN THESE DRAWINGS AND SPECIFICATIONS/PROJECT MANUAL AND AS RECOMMENDED BY THE MANUFACTURERS' WRITTEN INSTRUCTIONS FOR THE INSTALLATION OF EACH RESPECTIVE PRODUCT.
14	THE CONTRACTOR SHALL REMOVE EXISTING FINISHES AS INDICATED THROUGHOUT THE CONTRACT DOCUMENTS AND ENSURE THAT SUBSTRATE CONDITIONS ARE SMOOTH AND IN SATISFACTORY CONDITION TO RECEIVE NEW WORK.
15	THE CONTRACTOR SHALL REMOVE ALL ANCHORS, FASTENERS, WALL HANGERS, AND MISCELLANEOUS EXTRUSIONS AND APPURTENANCES OF ITEMS BOTH NO LONGER INSTALLED AND ITEMS REMOVED THROUGH DEMOLITION PROCEDURES.
16	THE CONTRACTOR SHALL COORDINATE ANY SAW CUTS WITHIN THE EXISTING SLABS WITHIN THE NEW WORK AREA AS REQUIRED TO INSTALL NEW ELECTRICAL CONDUIT, PLUMBING, AND/OR STRUCTURAL ELEMENTS. CONTRACTOR SHALL COORDINATE SIZE, LOCATION, AND DEPTH WITH THE FULL SET OF DOCUMENTS. REPLACE AND REPAIR CONCRETE AND FLASH AS REQUIRED TO CREATE A FLUSH SUBSTRATE AFTER COMPLETION OF WORK TASKS.
17	THE CONTRACTOR SHALL REFER TO THE HAZARDOUS MATERIAL ABATEMENT SPEC FOR PROCEDURES AND PROTOCOL

0 REFERENCED NOTES - DEMOLITION

	NOTE
1	REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
2	REMOVE EXISTING INTERIOR WALLS AND ALL ASSOCIATED APPURTENANCES IN THEIR ENTIRETY.
3	REMOVE EXISTING FLOOR FINISHES, ASSOCIATED FASTENERS AND ADHESIVES. PATCH & GRIND SMOOTH EXISTING CONCRETE SLAB UNDERLAYMENT.
4	REMOVE EXISTING PLUMBING FIXTURES, ASSOCIATED CABINETRY AND ALL ASSOCIATED APPURTENANCES. CUT & CAP PLUMBING AS REQUIRED FOR NEW WORK. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.
5	SAWCUT PORTIONS OF EXISTING WALL TO ACCOMMODATE NEW OPENINGS. COORDINATE ROUGH OPENING REQUIREMENTS WITH BOTH MANUFACTURERS OF PRODUCT TO BE USED AND NEW WORK INDICATED WITHIN CONTRACT DOCUMENTS.
6	REMOVE EXISTING HOLDING CELLS, DOORS AND ALL ASSOCIATED APPURTENANCES IN THEIR ENTIRETY.
7	REMOVE EXISTING HOLDING CELL OPERATING CONNECTIONS.
8	REMOVE EXISTING LOCKERS, BENCHES AND OTHER ITEMS. TO BE DISPOSED OF BY CONTRACTOR.
9	REMOVE EXISTING FINISHED CEILING AND ALL ASSOCIATED APPURTENANCES. SEE MEP DEMO PLANS FOR ADDITIONAL INFORMATION REGARDING REMOVAL OF LIGHTS, HVAC REGISTERS, A/V AND ALERTING EQUIPMENT. CONTRACTOR SHALL PREPARE CEILING FOR NEW WORK.
10	REMOVE EXISTING CONCRETE FLOOR SLAB AND ALL ASSOCIATED APPURTENANCES. PREPARE SUBGRADE TO RECEIVE NEW WORK. AREAS TO BE REMOVED SHOWN WITH DIAGONAL LIGHT GREY HATCH.
11	REMOVE EXISTING CEILING AND ALL ASSOCIATED APPURTENANCES, INCLUSIVE OF SPRINKLER SYSTEM. SEE MEP DEMO PLANS FOR ADDITIONAL INFORMATION REGARDING REMOVAL OF LIGHTS, HVAC REGISTERS, A/V AND ALERTING EQUIPMENT. CONTRACTOR SHALL PREPARE CEILING FOR NEW WORK.
12	TEMPORARILY REMOVE EXISTING FINISHED CEILING, LIGHT FIXTURES, OCCUPANCY/VACANCY SENSORS, FIRE ALARMS, SMOKE DETECTORS, DIFFUSERS AND ALL OTHER CEILING MOUNTED DEVICES WITH CARE. CONTRACTOR TO STORE EXISTING CEILING AND ASSOCIATED DEVICES ON SITE, DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR TO REINSTALL EXISTING FINISHED CEILING AND ALL ASSOCIATED CEILING MOUNTED DEVICES.

PLAN LEGEND

- EXISTING WALL TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED (SEE DEMO PLANS)
- NEW WALL/PARTITION
- NEW DOOR
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING CONCRETE FLOOR SLAB TO BE REMOVED
- EXISTING FLOOR FINISHES TO BE REMOVED
- EXISTING CEILING FINISHES TO BE REMOVED

GENERAL NOTE:
THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL HAZARDOUS MATERIAL. HAZARDOUS MATERIAL INCLUDES BUT IS NOT LIMITED TO ASBESTOS CONTAINING MATERIAL, LIGHT BALLAST, LIGHT TUBES CONTAINING MERCURY, MERCURY THERMOSTATS, LEAD BASED PAINT, PCBs, AND PBBs. FOR ADDITIONAL INFORMATION SEE SPECIFICATION SECTION 00 3126– EXISTING HAZARDOUS MATERIAL INFORMATION.

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CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

DEMOLITION FLOOR PLAN

100% CD

4/16/2025

SHEET AD100

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1 DEMOLITION REFLECTED CEILING PLAN
3/16" = 1'-0"

GENERAL DEMOLITION NOTES

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15	THE CONTRACTOR SHALL REMOVE ALL ANCHORS, FASTENERS, WALL HANGERS, AND MISCELLANEOUS EXTRUSIONS AND APPURTENANCES OF ITEMS BOTH NO LONGER INSTALLED AND ITEMS REMOVED THROUGH DEMOLITION PROCEDURES.
16	THE CONTRACTOR SHALL COORDINATE ANY SAW CUTS WITHIN THE EXISTING SLABS WITHIN THE NEW WORK AREA AS REQUIRED TO INSTALL NEW ELECTRICAL CONDUIT, PLUMBING, AND/OR STRUCTURAL ELEMENTS. CONTRACTOR SHALL COORDINATE SIZE, LOCATION, AND DEPTH WITH THE FULL SET OF DOCUMENTS. REPLACE AND REPAIR CONCRETE AND FLASH AS REQUIRED TO CREATE A FLUSH SUBSTRATE AFTER COMPLETION OF WORK TASKS.
17	THE CONTRACTOR SHALL REFER TO THE HAZARDOUS MATERIAL ABATEMENT SPEC FOR PROCEDURES AND PROTOCOL

0 REFERENCED NOTES - DEMOLITION

	NOTE
1	REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
2	REMOVE EXISTING INTERIOR WALLS AND ALL ASSOCIATED APPURTENANCES IN THEIR ENTIRETY.
3	REMOVE EXISTING FLOOR FINISHES, ASSOCIATED FASTENERS AND ADHESIVES. PATCH & GRIND SMOOTH EXISTING CONCRETE SLAB UNDERLAYMENT.
4	REMOVE EXISTING PLUMBING FIXTURES, ASSOCIATED CABINETRY AND ALL ASSOCIATED APPURTENANCES. CUT & CAP PLUMBING AS REQUIRED FOR NEW WORK. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.
5	SAWCUT PORTIONS OF EXISTING WALL TO ACCOMMODATE NEW OPENINGS. COORDINATE ROUGH OPENING REQUIREMENTS WITH BOTH MANUFACTURERS OF PRODUCT TO BE USED AND NEW WORK INDICATED WITHIN CONTRACT DOCUMENTS.
6	REMOVE EXISTING HOLDING CELLS, DOORS AND ALL ASSOCIATED APPURTENANCES IN THEIR ENTIRETY.
7	REMOVE EXISTING HOLDING CELL OPERATING CONNECTIONS.
8	REMOVE EXISTING LOCKERS, BENCHES AND OTHER ITEMS. TO BE DISPOSED OF BY CONTRACTOR.
9	REMOVE EXISTING FINISHED CEILING AND ALL ASSOCIATED APPURTENANCES. SEE MEP DEMO PLANS FOR ADDITIONAL INFORMATION REGARDING REMOVAL OF LIGHTS, HVAC REGISTERS, A/V AND ALERTING EQUIPMENT. CONTRACTOR SHALL PREPARE CEILING FOR NEW WORK.
10	REMOVE EXISTING CONCRETE FLOOR SLAB AND ALL ASSOCIATED APPURTENANCES. PREPARE SUBGRADE TO RECEIVE NEW WORK. AREAS TO BE REMOVED SHOWN WITH DIAGONAL LIGHT GREY HATCH.
11	REMOVE EXISTING CEILING AND ALL ASSOCIATED APPURTENANCES, INCLUSIVE OF SPRINKLER SYSTEM. SEE MEP DEMO PLANS FOR ADDITIONAL INFORMATION REGARDING REMOVAL OF LIGHTS, HVAC REGISTERS, A/V AND ALERTING EQUIPMENT. CONTRACTOR SHALL PREPARE CEILING FOR NEW WORK.
12	TEMPORARILY REMOVE EXISTING FINISHED CEILING, LIGHT FIXTURES, OCCUPANCY/VACANCY SENSORS, FIRE ALARMS, SMOKE DETECTORS, DIFFUSERS AND ALL OTHER CEILING MOUNTED DEVICES WITH CARE. CONTRACTOR TO STORE EXISTING CEILING AND ASSOCIATED DEVICES ON SITE, DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR TO REINSTALL EXISTING FINISHED CEILING AND ALL ASSOCIATED CEILING MOUNTED DEVICES.

PLAN LEGEND

- EXISTING WALL TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED (SEE DEMO PLANS)
- NEW WALL/PARTITION
- NEW DOOR
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING CONCRETE FLOOR SLAB TO BE REMOVED
- EXISTING FLOOR FINISHES TO BE REMOVED
- EXISTING CEILING FINISHES TO BE REMOVED

GENERAL NOTE:
THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL HAZARDOUS MATERIAL. HAZARDOUS MATERIAL INCLUDES BUT IS NOT LIMITED TO ASBESTOS CONTAINING MATERIAL, LIGHT BALLAST, LIGHT TUBES CONTAINING MERCURY, MERCURY THERMOSTATS, LEAD BASED PAINT, PCBs, AND PBBs. FOR ADDITIONAL INFORMATION SEE SPECIFICATION SECTION 00 3126– EXISTING HAZARDOUS MATERIAL INFORMATION.

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LICENSE NUMBER: #15505
EXPIRATION DATE: 8-18-2026

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

DEMOLITION RCP

100% CD

4/16/2025

SHEET
AD101

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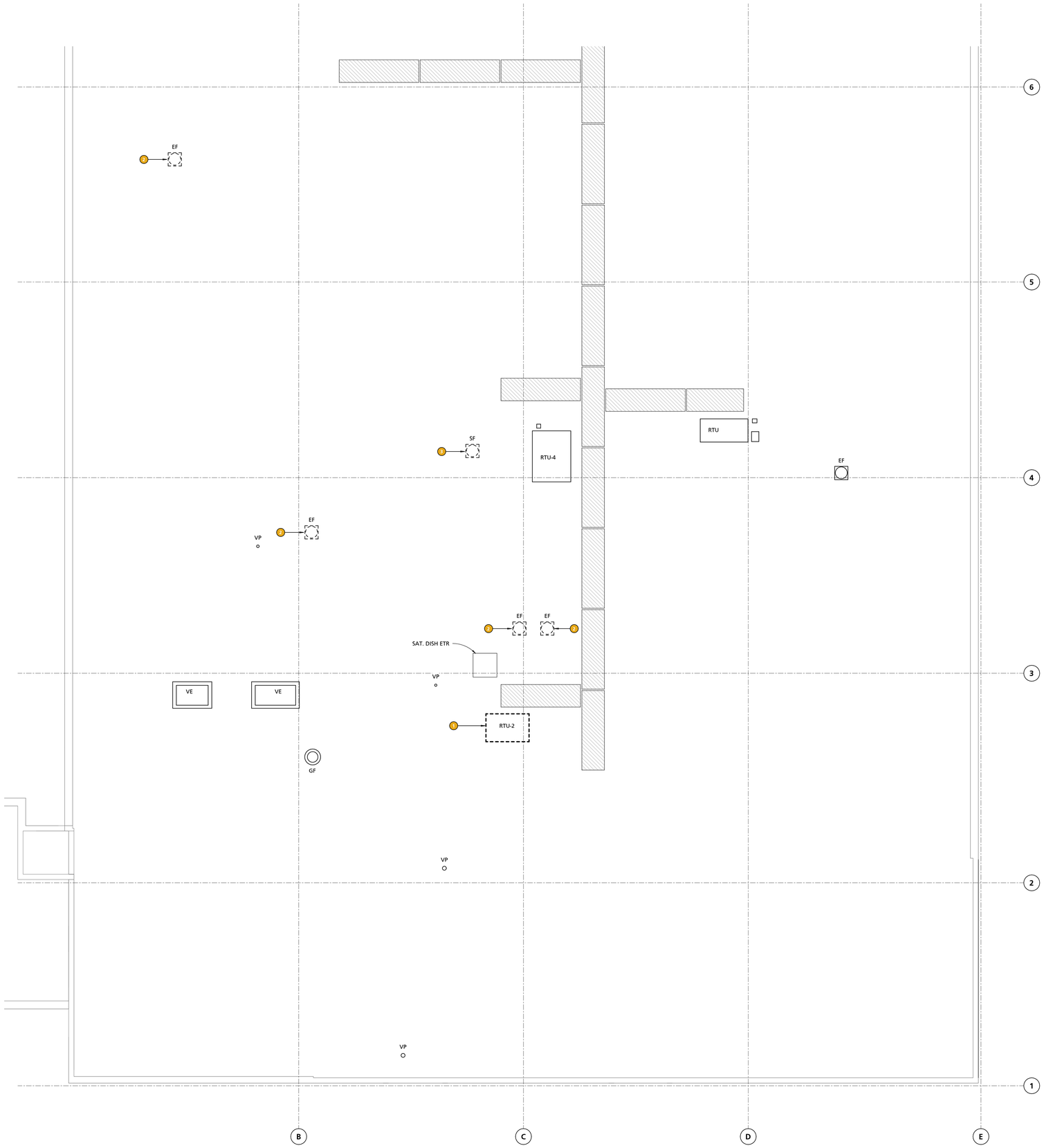

1 **DEMOLITION ROOF PLAN**
3/16" = 1'-0"

GENERAL DEMOLITION NOTES

1	ALL BIDDERS SHALL MAKE THEMSELVES FAMILIAR WITH THE EXISTING PROJECT CONDITIONS PRIOR TO SUBMITTING A BID. THIS IS INCLUSIVE OF CONDITIONS ABOVE ACCESIBLE CEILINGS TO DETERMINE WORKING CONDITIONS.
2	PRIOR TO THE PERFORMANCE OF ANY DEMOLITION WORK THE CONTRACTOR SHALL MAKE THEMSELVES FAMILIAR WITH THE EXISTING CONDITIONS OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING, PROVIDING, INSTALLING, AND MAINTAINING ALL TEMPORARY SUPPORT AND BRACING REQUIRED TO COMPLETE THE WORK.
3	THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS, DIMENSIONS, CONSTRUCTION ASSEMBLIES AND THE LIKE PRIOR TO FABRICATING, INSTALLING, OR PURCHASING ANY NEW WORK. DETAILS INDICATING EXISTING MATERIALS OF CONDITIONS MAY BE SHOWN WITHIN THE DOCUMENTS BUT ARE NOT INTENDED TO FULLY DEFINE EXISTING CONDITIONS.
4	DEMOLITION WORK MAY BE INDICATED THROUGHOUT THE CONTRACT DOCUMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL DOCUMENTS FOR ADDITIONAL DEMOLITION WORK.
5	IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN SAFE WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION SITE. THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRIERS AS REQUIRED TO PROTECT PERSONS AND PROPERTY AND OTHERWISE MAINTAIN SAFE WORKING CONDITIONS.
6	THE CONTRACTOR SHALL MAINTAIN A CLEAR, CLEAN, USEABLE CONSTRUCTION SITE THROUGH DAILY CLEANUP OF WORK AREAS.
7	THE OWNER SHALL BE MAINTAINING OCCUPANCY OF THE SITE AND PORTIONS OF THE BUILDING DURING THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND THE OWNER'S PERSONNEL THROUGHOUT THE CONSTRUCTION TO MINIMIZE, TO THE GREATEST EXTENT POSSIBLE, ANY DISRUPTIONS IN THE OWNER'S WORKING PROCEDURES. THE PHASING OF THE PROJECT SHALL BE DETERMINED BY THE CONTRACTOR AND SHALL NOT BE REASON FOR ADDITIONAL FEES. ADDITIONALLY, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER A MINIMUM OF 72 HOURS PRIOR TO ANY DISRUPTION OF SERVICES/UTILITIES REQUIRED TO COMPLETE THE WORK.
8	THE CONTRACTOR SHALL PROVIDE TEMPORARY DUST AND DEBRIS BARRIERS BETWEEN AREAS TO REMAIN IN OPERATION AND WORK AREAS. BARRIERS SHALL BE PROVIDED AT, BUT NOT LIMITED TO HVAC SUPPLY AND RETURN OPENINGS, TRANSFER VENTS, EXHAUST VENTS, AND OTHER SUCH OPENINGS. BARRIERS SHALL BE A MINIMUM OF 10 MIL PLASTIC SHEETING SECURED AND SEALED TO EXISTING CONSTRUCTION AND/OR TEMPORARY FRAMING. PLASTIC SHEETING SHALL BE OVERLAPPED A MINIMUM OF 12" AND TAPED BOTH SIDES.
9	THE CONTRACTOR SHALL PROVIDE PROTECTION FROM THE WEATHER FOR PORTIONS OF EXISTING CONSTRUCTION THAT ARE TO REMAIN OCCUPIED OR USEABLE BY THE OWNER OR TO AREAS THAT CONTAIN ITEMS TO REMAIN THAT WILL BE DAMAGED BY WEATHER.
10	ALL ITEMS INDICATED TO BE REMOVED AND/OR DEMOLISHED SHALL REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL REVIEW WITH THE OWNER IF ANY ITEMS TO BE REMOVED AND/OR DEMOLISHED ARE TO BE RETAINED BY THE OWNER PRIOR TO ANY DEMOLITION WORK BEING PERFORMED. ALL ITEMS TO BE RETAINED BY THE OWNER SHALL BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE OWNER IN THE CONDITION FOUND PRIOR TO ANY WORK BEING PERFORMED. ALL OTHER ITEMS INDICATED TO BE REMOVED AND/OR DEMOLISHED SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR IN A LAWFUL MANNER.
11	THE CONTRACTOR SHALL REPLACE OR REPAIR ANY ITEMS DAMAGED BY THE CONTRACTOR OR ANY OF ITS AGENTS TO A MINIMUM CONDITION MATCHING THE ITEMS' CONDITION AT THE START OF CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
12	THE CONTRACTOR SHALL REPAIR ANY MATERIALS, SYSTEMS, OR FINISHES WITHIN OR OUTSIDE OF THE GENERAL WORK AREA THAT ARE REQUIRED TO BE DISTURBED TO COMPLETE THE ENTIRE SCOPE OF WORK ASSOCIATED WITH BUILDING SYSTEM CONNECTIVITY.
13	THE CONTRACTOR SHALL PREPARE ALL SURFACES AFFECTED BY DEMOLITION OPERATIONS TO RECEIVE NEW WORK AS BOTH INDICATED WITHIN THESE DRAWINGS AND SPECIFICATIONS/PROJECT MANUAL AND AS RECOMMENDED BY THE MANUFACTURERS' WRITTEN INSTRUCTIONS FOR THE INSTALLATION OF EACH RESPECTIVE PRODUCT.
14	THE CONTRACTOR SHALL REMOVE EXISTING FINISHES AS INDICATED THROUGHOUT THE CONTRACT DOCUMENTS AND ENSURE THAT SUBSTRATE CONDITIONS ARE SMOOTH AND IN SATISFACTORY CONDITION TO RECEIVE NEW WORK.
15	THE CONTRACTOR SHALL REMOVE ALL ANCHORS, FASTENERS, WALL HANGERS, AND MISCELLANEOUS EXTRUSIONS AND APPURTENANCES OF ITEMS BOTH NO LONGER INSTALLED AND ITEMS REMOVED THROUGH DEMOLITION PROCEDURES.
16	THE CONTRACTOR SHALL COORDINATE ANY SAW CUTS WITHIN THE EXISTING SLABS WITHIN THE NEW WORK AREA AS REQUIRED TO INSTALL NEW ELECTRICAL CONDUIT, PLUMBING, AND/OR STRUCTURAL ELEMENTS. CONTRACTOR SHALL COORDINATE SIZE, LOCATION, AND DEPTH WITH THE FULL SET OF DOCUMENTS. REPLACE AND REPAIR CONCRETE AND FLASH AS REQUIRED TO CREATE A FLUSH SUBSTRATE AFTER COMPLETION OF WORK TASKS.
17	THE CONTRACTOR SHALL REFER TO THE HAZARDOUS MATERIAL ABATEMENT SPEC FOR PROCEDURES AND PROTOCOL

REFERENCED NOTES - ROOF DEMOLITION

NO.	NOTE
1	CONTRACTOR TO DISCONNECT AND REMOVE EXISTING ROOF TOP UNIT, EQUIPMENT CURB AND ALL ASSOCIATED APPURTENANCES IN THEIR ENTIRETY. PREPARE OPENING TO RECEIVE NEW WORK.
2	CONTRACTOR TO DISCONNECT AND REMOVE EXISTING ROOF TOP EXHAUST FAN, EQUIPMENT CURB AND ALL ASSOCIATED APPURTENANCES IN THEIR ENTIRETY. PREPARE OPENING TO RECEIVE NEW WORK.
3	CONTRACTOR TO DISCONNECT AND REMOVE SUPPLY FAN AND ALL ASSOCIATED DUCTWORK, ROOF CURBS, CONTROLS, ETC. IN THEIR ENTIRETY. PATCH AND FINISH UNUSED ROOF OPENINGS TO MATCH WITH THE EXISITNG ROOF AND ANY EXISITNG WARRANTY.

GENERAL NOTE:
THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL HAZARDOUS MATERIAL. HAZARDOUS MATERIAL INCLUDES BUT IS NOT LIMITED TO ASBESTOS CONTAINING MATERIAL, LIGHT BALLAST, LIGHT TUBES CONTAINING MERCURY, MERCURY THERMOSTATS, LEAD BASED PAINT, PCBs, AND PBBs. FOR ADDITIONAL INFORMATION SEE SPECIFICATION SECTION 00 3126– EXISTING HAZARDOUS MATERIAL INFORMATION.

EF	EXHAUST FAN
SF	SUPPLY FAN
RTU	ROOFTOP UNIT
VE	VENTILATOR
UC	UTILITY CHASE
VP	PLUMBING VENT PIPE
	34" WIDE WALK-WAY ROLLS (10' MAX LENGTH)
GF	GALVANIZED FLUE WITH STAINLESS STEEL RAIN HOOD

LEGEND - ROOF PLAN
NOT TO SCALE

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CITY OF BALTIMORE
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SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

DEMOLITION ROOF PLAN

100% CD

4/16/2025

SHEET
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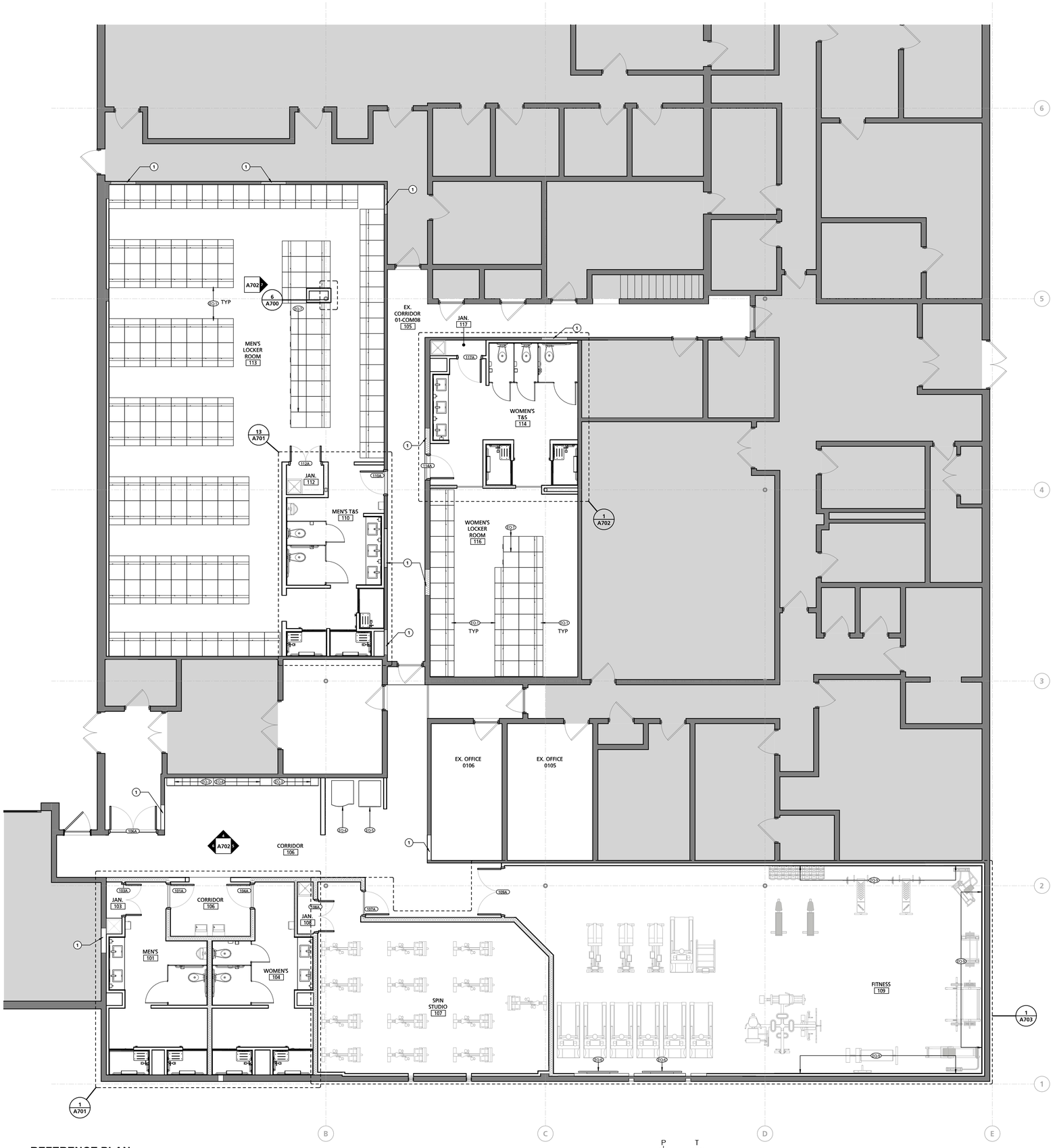

1 **REFERENCE PLAN**
3/16" = 1'-0"

GENERAL REFERENCE PLAN NOTES

1	FITNESS EQUIPMENT IS SHOWN FOR REFERENCE PURPOSES ONLY AND SHALL BE PROVIDED AND INSTALLED BY OWNER.

0 REFERENCED NOTES - NEW CONSTRUCTION

1	DEMOLISHED OPENING INFILL TO MATCH EXISTING WALL CONSTRUCTION. METAL STUD WALL INFILLS SHALL RECEIVE ACOUSTICAL BATT INSULATION. TOOTH IN NEW CMU INFILLS INTO EXISTING CMU WALLS

SCHEDULE - EQUIPMENT

MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
EQ-1	24"x24"x72" SINGLE TIER LOCKER W/ INTEGRAL BENCH	SPACESAVER CORPORATION	PSL722424BDRS			●	PROVIDED W/ SINGLE DOOR, HASP LOCK AND FLAT TOP
EQ-3	12x12x12 - 5 TIER LOCKERS	SPACESAVER CORPORATION	DAY USE LOCKERS			●	
EQ-4	VENDING MACHINE	N/A	N/A	●			
EQ-5	VENDING MACHINE	N/A	N/A	●			
EQ-6	WALL MOUNTED TV	N/A	N/A		●		TVS TO BE MOUNTED AT 96" A.F.F. GC TO PROVIDE WALL BLOCKING AT ALL TV LOCATIONS
EQ-7	Personal Storage Locker - Single Door	Spacesaver Corp	PSL722430S			●	24"x24"x72", ADA ACCESSIBLE. SHELF AND HOOK TO BE INSTALLED NO GREATER THAN 54" AFF. LOWER SHELF INSTALLED AT 15" AFF
EQ-8	18x12x12 - 5 TIER LOCKERS	SPACESAVER CORPORATION	DAY USE LOCKERS			●	
EQ-9	WALL MOUNTED STUDIO MIRROR	BEAM STORE	40"X79" GLASSLESS MIRROR			●	

PLAN LEGEND

- EXISTING WALL TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED (SEE DEMO PLANS)
- NEW WALL/PARTITION
- NEW DOOR
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING CONCRETE FLOOR SLAB TO BE REMOVED
- EXISTING FLOOR FINISHES TO BE REMOVED
- EXISTING CEILING FINISHES TO BE REMOVED

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REFERENCE PLAN

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4/16/2025

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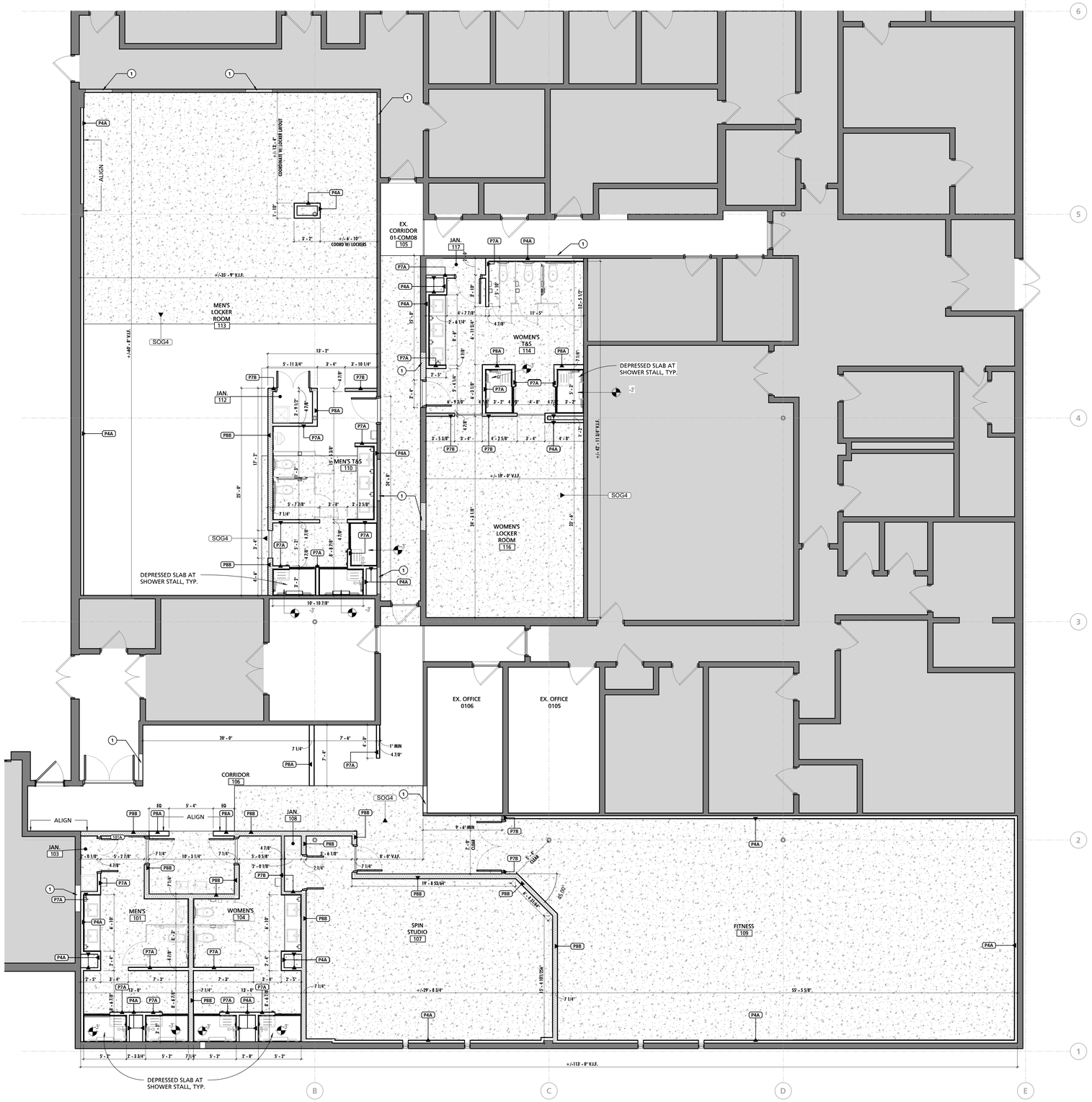


1 DIMENSION PLAN
3/16" = 1'-0"

GENERAL DIMENSION PLAN NOTES

1	G.C. SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH ANY WORK.
2	ALL DOOR JAMBS IN METAL STUD WALL SHALL BE A MINIMUM OF 4" FROM ADJACENT / PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
3	INTERIOR DIMENSIONS ARE TAKEN FROM FACE OF GYPSUM WALLBOARD AND/OR OUTERMOST FACE OF EXISTING WALL.
4	ALL EXISTING COLUMNS ARE TO REMAIN.

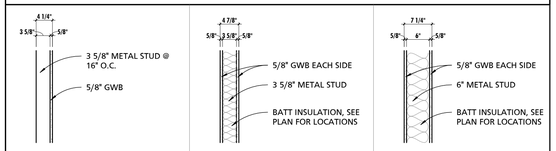
GENERAL PARTITION NOTES

1	ENTRY SPACES, LOBBIES, AND CORRIDORS TO RECEIVE IMPACT RESISTANT GYPSUM WALL BOARD, U.N.O.
2	PROVIDE FIBERGLASS REINFORCED MOISTURE RESISTANT GYPSUM WALL BOARD IN ALL EQUIPMENT ROOMS, JANITOR'S CLOSETS, RESTROOMS, KITCHENS AND OTHER WET AREAS. PROVIDE CEMENT BOARDS IN AREAS SUCH AS SHOWERS AND TOILET ROOM WALLS TO 8'-0" ABOVE FINISH FLOOR.
3	CONTRACTOR SHALL PROVIDE BLOCKING AND NAILERS AS REQUIRED TO SUPPORT ALL NEW WORK, INCLUDING ITEMS TO BE PROVIDED AND/OR INSTALLED BY OWNER.
4	ALL CORRIDOR AND FIRE-RATED PARTITIONS SHALL BE EXTENDED TO THE UNDERSIDE OF THE STRUCTURE ABOVE, U.N.O. THE PERIMETER WALLS OF ANY SPACE NOT PROVIDED WITH A CEILING SHALL EXTEND THE THE UNDERSIDE OF DECK ABOVE.
5	PROVIDE DEFLECTION TRACKS AT TOP OF ALL NON-LOAD BEARING STUD WALLS EXTENDING TO THE UNDERSIDE OF STRUCTURE ABOVE, U.N.O.
6	PROVIDE CONCRETE BACKER BOARD IN LIEU OF GYPSUM WALL BOARD WHERE TILE FINISH IS INDICATED.
7	ALL FIRE WALLS SHALL BE PLACARDED OR STENCILED ON BOTH SIDES WITH THE PHRASE "FIRE WALL" PER IBC SECTION 703.7.1. THE LETTERS SHALL BE RED IN COLOR, 6" INCHES HIGH AND A MIN. OF 3/4" WIDE. THE PHRASE SHALL BE WRITTEN ONCE FOR EACH 15 FEET OF HORIZONTAL WALL LENGTH. THIS SIGNAGE MAY BE LOCATED IN THE CONCEALED SPACE ABOVE A CEILING.
8	SEE METAL STUD PARTITION FRAMING SCHEDULE FOR INTERIOR PARTITION REQUIREMENTS.
9	NEW MASONRY WALLS ABUTTING EXISTING MASONRY WALLS SHALL BE TOOTHED INTO EXISTING WALLS.
10	MOISTURE RESISTANT GYPSUM WALL BOARD SHALL BE UTILIZED IN ALL AREAS WHERE GYPSUM WALL BOARD IS TO BE DIRECTLY ADHERED TO CONCRETE OR MASONRY SURFACES IN INTERIOR APPLICATIONS. SUBSTRATE SHALL BE CLEANED AS REQUIRED AND FREE OF DUST, DEBRIS, AND MOISTURE PRIOR TO ADHESION AND FINISHING. PROVIDE CEMENT BOARDS IN AREAS SUCH AS SHOWERS AND TOIELT ROOM WALLS TO 8'-0" ABOVE FINISH FLOOR.
11	CONSTRUCTION OF RATED WALL ASSEMBLIES SHALL BE STRICTLY ADHERED TO IN ACCORDANCE WITH UL AND/OR GYPSUM ASSEMBLY SPECIFICATIONS. REFER TO CODE PLANS FOR ADDITIONAL INFORMATION.
12	PROVIDE A BULLNOSE CMU AT ALL OUTSIDE CORNERS OF INTERIOR MASONRY WALLS & SILLS.

0 REFERENCED NOTES - NEW CONSTRUCTION

1	DEMOLISHED OPENING INFILL TO MATCH EXISTING WALL CONSTRUCTION. METAL STUD WALL INFILLS SHALL RECEIVE ACOUSTICAL BATT INSULATION. TOOTH IN NEW CMU INFILLS INTO EXISTING CMU WALLS

PARTITION TYPE DETAILS



P4A	P7A (NO INSULATION), P7B	P8A (NO INSULATION), P8B

SCHEDULE - INTERIOR PARTITION & WALL TYPE

MARK	WIDTH	DESCRIPTION
FRP-1	3/32"	3/32" STANDARD FRP
P4A	4 1/4"	3 5/8" METAL STUD W/ 5/8" GWB ONE SIDE TO EXTEND 6" ABOVE CEILING
P7A	4 7/8"	3-5/8" METAL STUD W/ 5/8" GYPSUM WALL BOARD EACH SIDE TO EXTEND 6" MIN ABOVE CEILING
P7B	4 7/8"	3-5/8" METAL STUD W/ 5/8" GYPSUM WALL BOARD EACH SIDE TO EXTEND TO UNDERSIDE OF DECK
P8A	7 1/4"	6" METAL STUD W/ 5/8" GYPSUM WALL BOARD EACH SIDE TO EXTEND 6" MIN ABOVE CEILING
P8B	7 1/4"	6" METAL STUD W/ 5/8" GYPSUM WALL BOARD EACH SIDE TO EXTEND TO UNDERSIDE OF DECK

SCHEDULE - FLOOR ASSEMBLY TYPES

MARK	DESCRIPTION
SOG4	4" CONCRETE SLAB OVER VAPOR BARRIER AND POROUS FILL - AREAS SHOWN WITH LIGHT GREY CONCRETE HATCH PATTERN.

PLAN LEGEND

- EXISTING WALL TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED (SEE DEMO PLANS)
- NEW WALL/PARTITION
- NEW DOOR
- EXISTING DOOR TO REMAIN
- SOG4
- EXISTING COLUMN TO REMAIN

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CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

DIMENSION PLAN

100% CD

4/16/2025

SHEET A101

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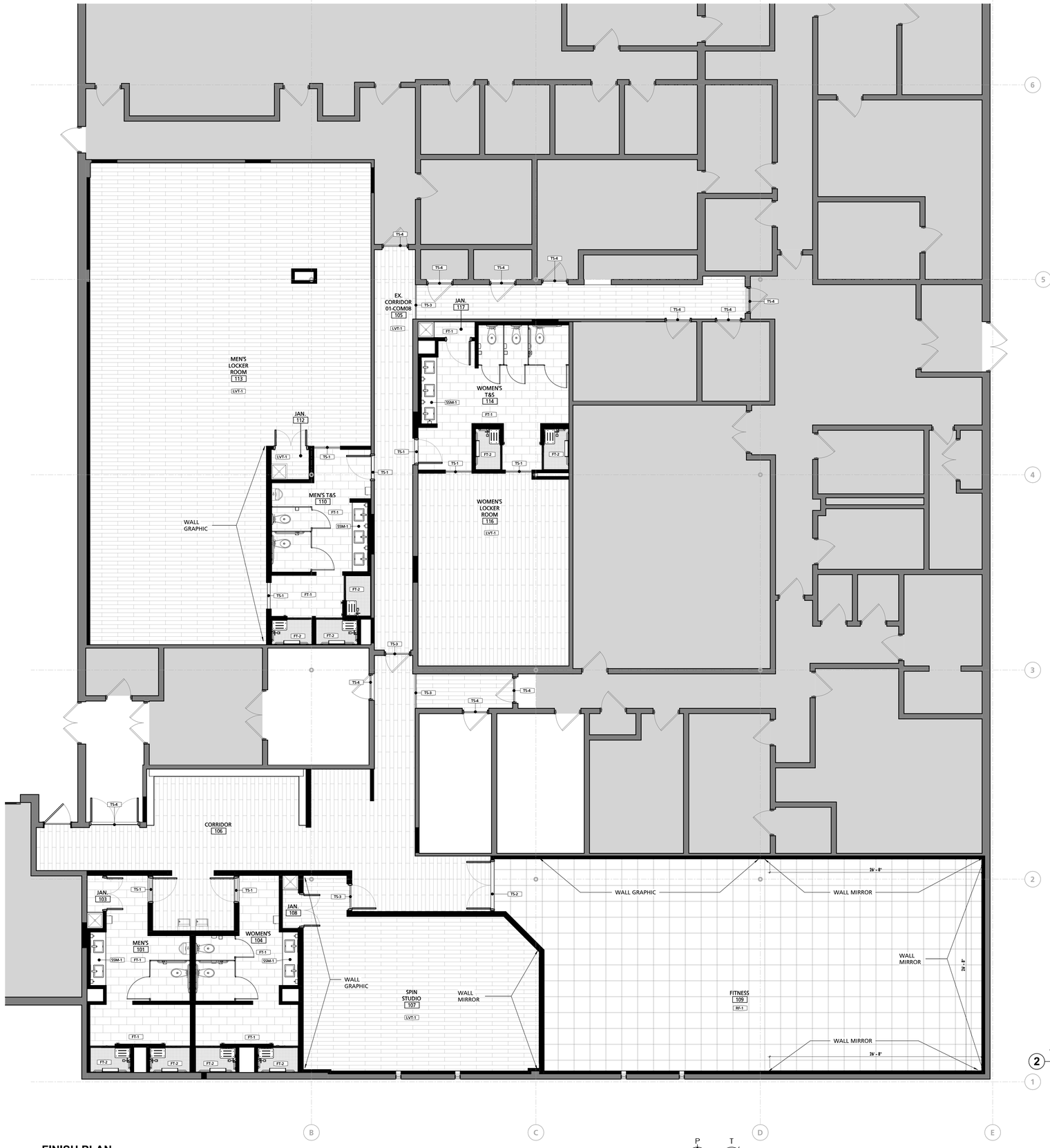


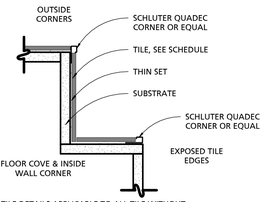
1 FINISH PLAN
3/16" = 1'-0"

SCHEDULE - MATERIAL LEGEND

CODE	MATERIAL	MANUFACTURER	STYLE	COLOR	DESCRIPTION	REPRESENTATIVE
FLOORING						
FT-1	FLOOR TILE	ARCHITESSA	SOUL	GREY MERINO	12" X 24" FIELD TILE, 1/3 OFFSET INSTALLATION	KERSI PRESS 240-676-0097
FT-2	MOSAIC TILE	DALTILE	COLOR WHEEL MOSAICS	MATTE SUEDE GRAY 0782	1.5" HEXAGON MOSAIC (MESH MOUNTED ON 14" X 12" SHEET)	TERRY GORMAN 202-577-4034
FTG-2	FLOOR TILE GROUT	MAPEI	--	19+ PEARL GRAY	GROUT TO BE USED WITH FT-2, INSTALL PER TCNA HANDBOOK, KEEP GROUT JOINT TO MINIMUM WIDTH	1-888-876-2734
LVT-1	LUXURY VINYL TILE	SHAW	GRAIN 0502V	CHAR 64549	7" X 48" PLANK, DIRECT GLUE, STAGGER INSTALLATION METHOD	LAURA KERRIS 301-529-6346
RF-1	RUBBER FLOORING	ROPPE	RECOIL FITNESS FLOORING TILE	609 COBALT, 20% COLOR	36" X 36" SQUARE EDGE TILES, 3/8" THICKNESS	SHAUN HIGGINS 410-330-4211
TS-1	TRANSITION STRIP (TILE TO LVT)	SCHLUTER SYSTEMS	RENO-U	AEU 100	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	JASON ECKARD 410-999-4490
TS-2	TRANSITION STRIP (LVT TO RF)	TARKETT	CCA-40	BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	CHAD MOORE 443-970-7147
TS-3	TRANSITION STRIP (LVT TO LVT)	TARKETT		BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	
TS-4	TRANSITION STRIP (LVT TO EXIST)	TARKETT		BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	
BASE						
FTB-1	FLOOR TILE BASE	ARCHITESSA	COVE BASE	GREY MERINO	6" X 12" COVE BASE	KERSI PRESS 240-676-0097
VB-1	VINYL BASE	TARKETT	TRADITIONAL VINYL BASE	BLACK B 40	4"H X 1/8" THICK, CONTINUOUS COVE BASE, ROLL GOODS	CHAD MOORE 443-970-7147
CEILINGS & WALLS						
CB-1	FELTWORKS BLADES	ARMSTRONG	6533RCH0003	BLACK	RECTANGULAR 10 8FT PANEL UNIT	
FRP-1	FIBER-REINFORCED PLASTIC	MARLITE	STANDARD FRP	P430N MEDIUM GRAY	4' X 12' PANEL SIZE, INSTALL PER MANUFACTURER'S INSTRUCTIONS	GREG LEARY 330-243-7187
HPC-1	HIGH PERFORMANCE COATING	SHERWIN WILLIAMS	SW7661	REFLECTION	FINISH AT BATHROOMS	AMANDA LOWERY 410-507-0572
PT-1	PAINT - GENERAL	SHERWIN WILLIAMS	SW7661	REFLECTION	STAIN FINISH, GENERAL PAINT THROUGHOUT	AMANDA LOWERY 410-507-0572
PT-3	PAINT - GENERAL	SHERWIN WILLIAMS	SW6994	GREENBLACK	STAIN FINISH, GENERAL PAINT THROUGHOUT	AMANDA LOWERY 410-507-0572
PT-4	PAINT - ACCENT	SHERWIN WILLIAMS	SW7668	MARCH WIND	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-5	PAINT - ACCENT	SHERWIN WILLIAMS	SW6871	POSITIVE RED	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-6	PAINT - ACCENT	SHERWIN WILLIAMS	SW6804	DIGNITY BLUE	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-7	PAINT - CEILING	SHERWIN WILLIAMS	SW7757	HIGH REFLECTIVE WHITE	SEMI-GLOSS, CEILING PAINT THROUGHOUT AT RESTROOM GYP. CEILINGS, FLAT FINISH AT NON-WET AREA CEILINGS / BULKHEADS AS NEEDED	AMANDA LOWERY 410-507-0572
SP-1	SHOWER SURROUND	INPRO	BIOPRISM 3" X 6" SUBWAY	BRIGHT WHITE	SHOWER SURROUND PANEL	JOE MUSKUS 262-682-8489
WC-1	WALLCOVERING / WALL GRAPHIC	T.B.D.	T.B.D.	T.B.D.	ACCENT WALLCOVERING / WALL GRAPHIC	T.B.D.
WT-1	WALL TILE	DALTILE	VIRTRUVIAN	WHITE GLOSSY VV10	3" X 6" WALL TILE	TERRY GORMAN 202-577-4034
WTG-1	WALL TILE GROUT	MAPEI	--	27+ SILVER	GROUT TO BE USED WITH WT-1, INSTALL PER TCNA HANDBOOK, KEEP GROUT JOINT TO MINIMUM WIDTH	1-888-876-2734
MILLWORK						
PL-1	PLASTIC LAMINATE	WILSONART	5024K-19	BLACKBIRD	INSTALL PER MANUFACTURER'S INSTRUCTION	MIKE MILLNER 410-443-1664
SSM-1	SOLID SURFACE MATERIAL	WILSONART	QUIET SWIRL	924155	3 CM THICKNESS	MIKE MILLNER 410-443-1664
MISC						
MR-1	MIRROR	G.C. TO COORDINATE	--	--	1/4" THICK MIRROR	G.C. TO COORDINATE

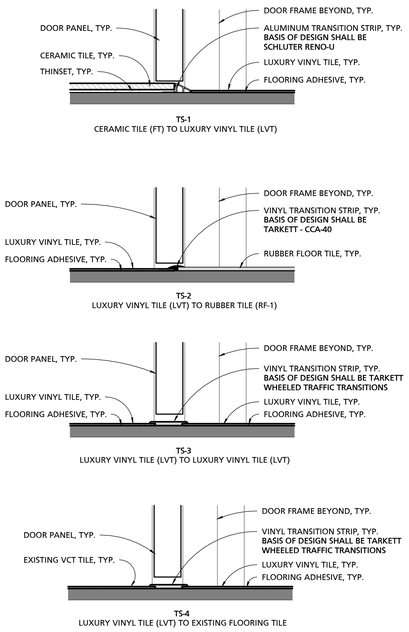
SCHEDULE - FINISHES

ROOM INFORMATION RM #	ROOM NAME	FLOOR FINISH	BASE	WALL FINISH NORTH	SOUTH	EAST	WEST	CEILING FINISH	REMARKS
101	MEN'S	FT-1/FT-2	FTB-1	WT-1/HPC-1	WT-1/HPC-1	WT-1/SS-1/HPC-1	WT-1/SS-1/HPC-1	CLG-2/PT-7	WT-1 AT WET WALLS ONLY. SS-1 AND FT-2 LOCATED IN SHOWER STALL ONLY.
103	JAN.	FT-1	FTB-1	FRP-1	FRP-1	FRP-1	FRP-1	CLG-2/PT-7	
104	WOMEN'S	FT-1/FT-2	FTB-1	WT-1/HPC-1	WT-1/HPC-1	WT-1/SS-1/HPC-1	WT-1/SS-1/HPC-1	CLG-2/PT-7	WT-1 AT WET WALLS ONLY. SS-1 AND FT-2 LOCATED IN SHOWER STALL ONLY.
105	EX. CORRIDOR 01-COM08	LVT-1	VB-1	PT-1	PT-1	PT-1	PT-1	N/A	
106	CORRIDOR	LVT-1	VB-1	PT-1	PT-1/WC-1	PT-1	PT-1	CLG-1	SEE PLAN FOR ACCENT WALL LOCATIONS
107	SPIN STUDIO	LVT-1	VB-1	PT-3	PT-3	PT-3/MR-1	WC-1	CLG-1	SEE PLAN FOR ACCENT WALL LOCATIONS
108	JAN.	LVT-1	VB-1	FRP-1	FRP-1	FRP-1	FRP-1	CLG-2/PT-7	
109	FITNESS	RF-1	VB-1	PT-1/MR-1	PT-1/PT-X/MR-1	PT-1/PT-X/MR-1	PT-1	CLG-1	SEE PLAN FOR ACCENT WALL LOCATIONS
110	MEN'S T&S	FT-1/FT-2	FTB-1	HPC-1	WT-1/HPC-1	WT-1/SS-1/HPC-1	WT-1/HPC-1	CLG-2/PT-7	WT-1 AT WET WALLS ONLY. SS-1 AND FT-2 LOCATED IN SHOWER STALL ONLY.
112	JAN.	LVT-1	VB-1	FRP-1	FRP-1	FRP-1	FRP-1	CLG-2/PT-7	
113	MEN'S LOCKER ROOM	LVT-1	VB-1	PT-1	PT-1	PT-1	PT-1	CLG-1	
114	WOMEN'S T&S	FT-1/FT-2	FTB-1	WT-1/HPC-1	WT-1/HPC-1	HPC-1	WT-1/HPC-1	CLG-2/PT-7	WT-1 AT WET WALLS ONLY. SS-1 AND FT-2 LOCATED IN SHOWER STALL ONLY.
116	WOMEN'S LOCKER ROOM	LVT-1	VB-1	PT-1	PT-1	PT-1	PT-1	CLG-1	
117	JAN.	FT-1	FTB-1	FRP-1	FRP-1	FRP-1	FRP-1	CLG-2/PT-7	
YY	Room								



TILE DETAILS APPLICABLE TO ALL TILE WITHOUT SANITARY BASE OR BULLNOSE TRIM PROFILES

2 TYPICAL TILE EDGE DETAILS
3" = 1'-0"



3 FLOORING TRANSITION DETAILS
3" = 1'-0"

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LICENSE NUMBER: #15505
EXPIRATION DATE: 8-18-2026

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 0003711

FINISH PLAN, SCHEDULE & DETAILS

100% CD

4/16/2025

SHEET A102

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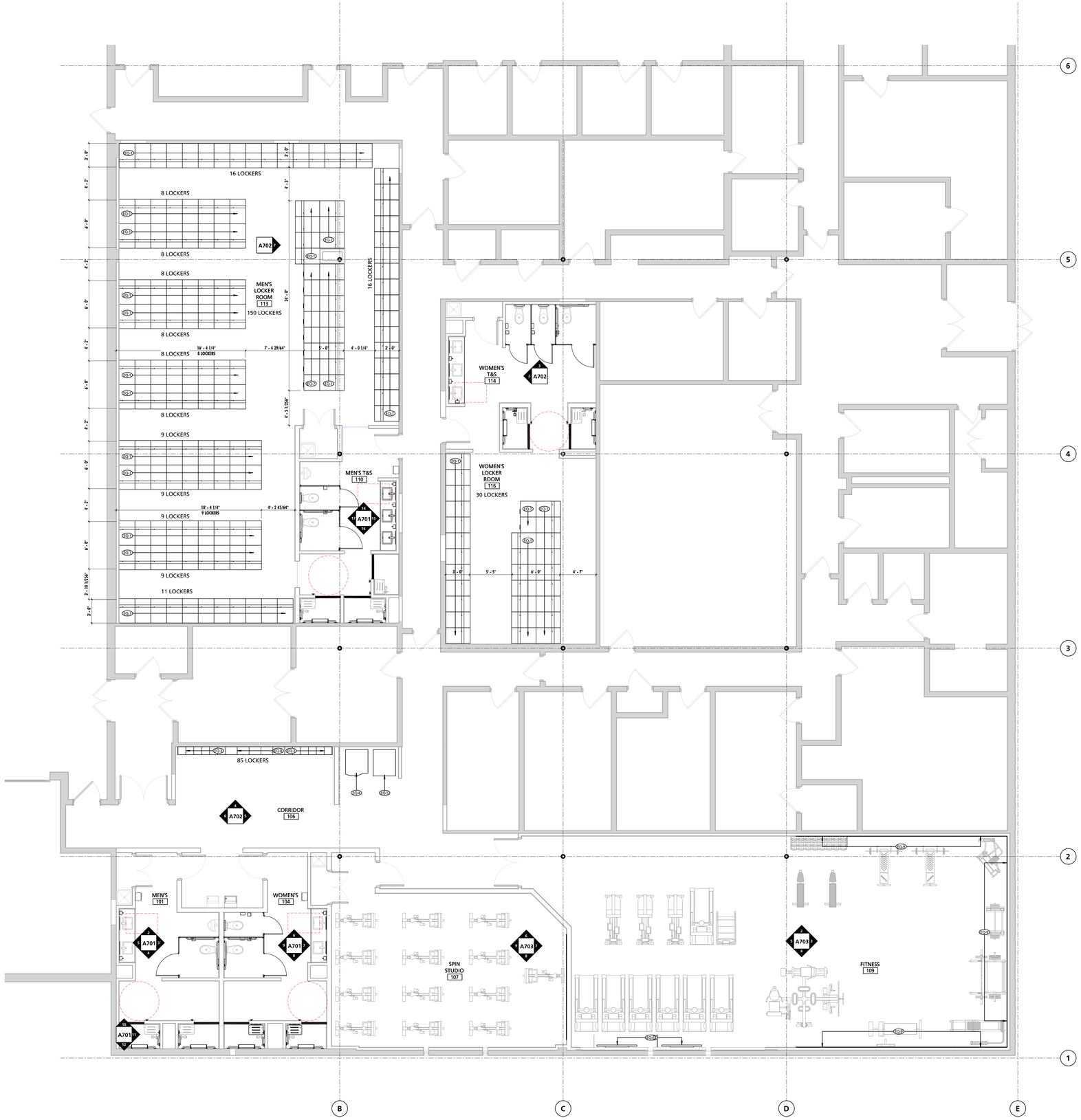

SCHEDULE - EQUIPMENT

MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
EQ-1	24"x24"x72" SINGLE TIER LOCKER W/ INTEGRAL BENCH	SPACESAVER CORPORATION	PSL722424BDRS			●	PROVIDED W/ SINGLE DOOR, HASP LOCK AND FLAT TOP
EQ-3	12x12x12 - 5 TIER LOCKERS	SPACESAVER CORPORATION	DAY USE LOCKERS			●	
EQ-4	VENDING MACHINE	N/A	N/A	●			
EQ-5	VENDING MACHINE	N/A	N/A	●			
EQ-6	WALL MOUNTED TV	N/A	N/A		●		TVS TO BE MOUNTED AT 96" A.F.F. GC TO PROVIDE WALL BLOCKING AT ALL TV LOCATIONS
EQ-7	Personal Storage Locker - Single Door	Spacesaver Corp	PSL722430S			●	24"x24"x72", ADA ACCESSIBLE. SHELF AND HOOK TO BE INSTALLED NO GREATER THAN 54" AFF. LOWER SHELF INSTALLED AT 15" AFF
EQ-8	18x12x12 - 5 TIER LOCKERS	SPACESAVER CORPORATION	DAY USE LOCKERS			●	
EQ-9	WALL MOUNTED STUDIO MIRROR	BEAM STORE	40"X79" GLASSLESS MIRROR			●	

1 **FIXTURES, FURNISHINGS & EQUIPMENT PLAN**
3/16" = 1'-0"

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CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

FIXTURES, FURNISHINGS & EQUIPMENT PLAN

100% CD
4/16/2025

SHEET
A103

GENERAL ROOFING NOTES

NOTE #	NOTE
1	BLOCKING/MISCELLANEOUS FRAMING INDICATED WITHIN THE DOCUMENTS IS SHOWN FOR THE PURPOSES OF DESIGN INTENT. IT SHALL BE THE CONTRACTORS RESPONSIBILITY, WHETHER SHOWN OR NOT SHOWN, TO PROVIDE BLOCKING/MISCELLANEOUS FRAMING AS REQUIRED TO PROPERLY SUPPORT ALL SUBSTRATES, FLASHINGS, COPINGS, BRAKE METAL, SOFFITS, INSULATIONS, CLIPS, STOPS, MISCELLANEOUS ITEMS, ROOFING MEMBRANES OR SYSTEMS AND SIMILAR ITEMS REQUIRED TO COMPLETE THE WORK. WHERE ADDITIONAL BLOCKING/MISCELLANEOUS FRAMING, INCLUDING BUT NOT LIMITED TO THE REPLACEMENT OF INDICATED SHEATHING/DECKING, IS RECOMMENDED BY ONE OF THE ASSEMBLY COMPONENTS MANUFACTURER, THE CONTRACTOR SHALL PROVIDE AND INSTALL SUCH BLOCKING/MISCELLANEOUS FRAMING TO COMPLY WITH THE MANUFACTURER'S RECOMMENDATIONS.
2	CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING FINAL ROOFING SUBSTRATE REQUIREMENTS TO ENSURE SUCCESSFUL INSTALLATION OF ROOFING MATERIALS IN A MANNER THAT MAINTAINS THE FULL PRODUCT WARRANTY AND COMPLIES WITH ALL APPLICABLE BUILDING CODES OF THE AHJ.
3	PENETRATION DETAILS ARE FOR REFERENCE ONLY. CONTRACTOR TO REVIEW FULL EXTENT OF PENETRATIONS AND ASSOCIATED LOCATIONS WITH ALL OTHER DRAWINGS WITHIN THE DOCUMENT SET.
4	AT ALL AREAS TO RECEIVE ROOF PATCHING, INFILLING AND NEW EQUIPMENT CURB WORK, CONTRACTOR TO ENSURE ADEQUATE SLOPE TO EXISTING ROOF DRAINAGE IS MAINTAINED.

REFERENCED NOTES - ROOF PLANS

NO.	NOTE
1	CURB MOUNTED DOAS UNIT
2	HPU MOUNTED ON EQUIPMENT RAILS
3	ROOF TOP WALKWAY PAD. MATCH EXISTING WALKWAY PADS
4	CONTRACTOR TO DISSCONNECT AND REMOVE EXHAUST FAN AND ALL ASSOCIATED APPURTENANCES IN THEIR ENTIRETY. PREPARE OPENING TO RECEIVE NEW DECKING, RIGID INSULATION AND ROOF MEMBRANE TO MATCH EXISTING ROOF ASSEMBLY
5	THROUGH ROOF EXHAUST VENT

EF	EXHAUST FAN
SF	SUPPLY FAN
RTU	ROOFTOP UNIT
VE	VENTILATOR
UC	UTILITY CHASE
VP	PLUMBING VENT PIPE
	34" WIDE WALK-WAY ROLLS (10' MAX LENGTH)
GF	GALVANIZED FLUE WITH STAINLESS STEEL RAIN HOOD

LEGEND - ROOF PLAN
NOT TO SCALE

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

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CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

ROOF PLAN

100% CD
4/16/2025

SHEET
A500

13 OF 44

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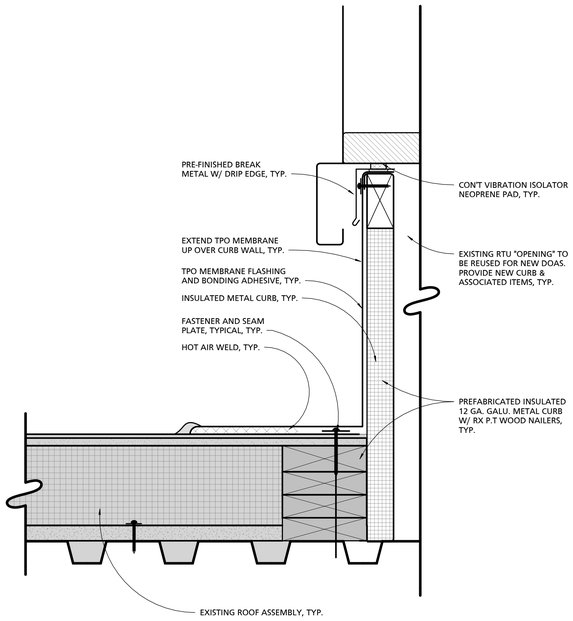
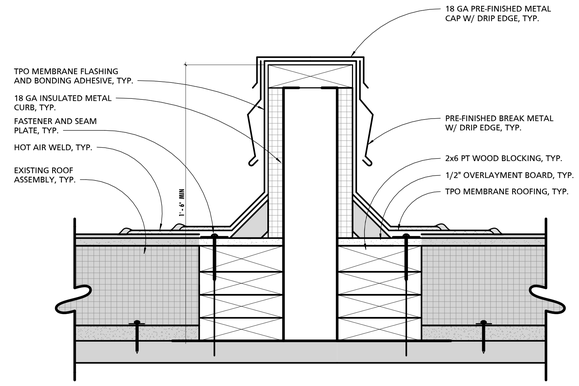


1 DOAS CURB DETAIL
3" = 1'-0"



2 EQUIPMENT RAIL DETAIL
3" = 1'-0"

GENERAL ROOFING NOTES

NOTE #	NOTE
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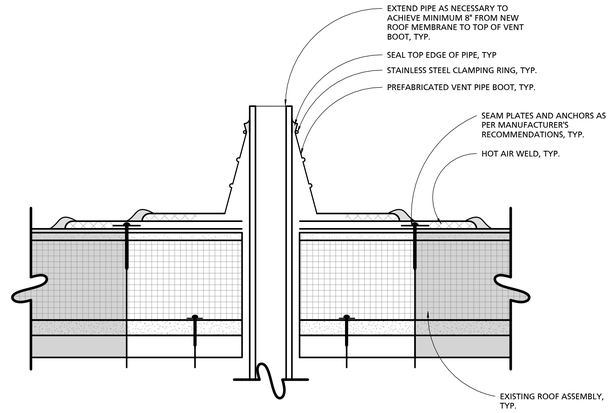
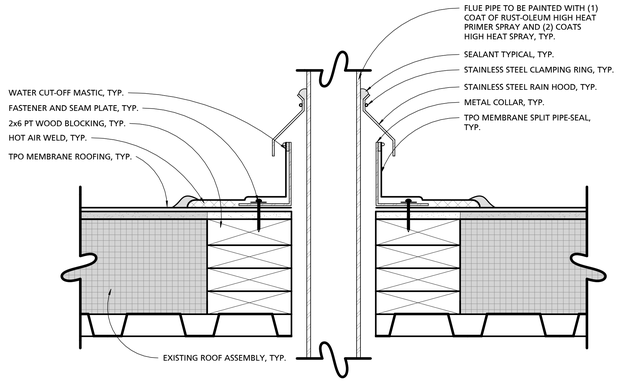
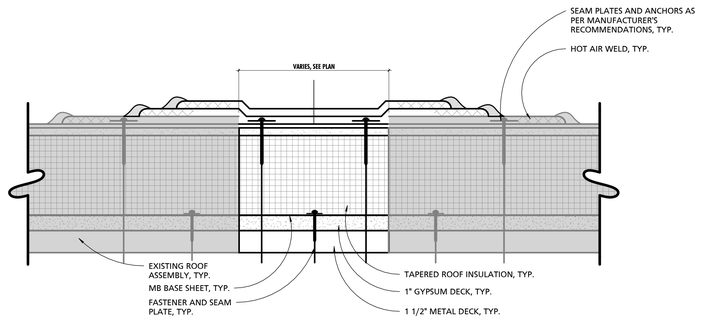
4	AT ALL AREAS TO RECEIVE ROOF PATCHING, INFILLING AND NEW EQUIPMENT CURB WORK, CONTRACTOR TO ENSURE ADEQUATE SLOPE TO EXISTING ROOF DRAINAGE IS MAINTAINED.



3 TYPICAL VENT PIPE DETAIL
3" = 1'-0"



4 TYPICAL FLUE HOOD DETAIL
3" = 1'-0"



5 TYPICAL DECKING INFILL DETAIL
3" = 1'-0"

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CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

ROOF PLAN DETAILS

100% CD

4/16/2025

SHEET A501

14 OF 44

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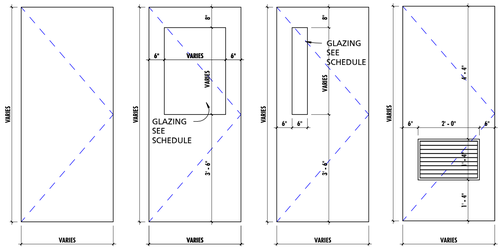
SCHEDULE - DOOR

MARK	FROM ROOM: NAME	TO ROOM: NAME	DOOR PANEL SIZE	DOOR PANEL TYPE	DOOR PANEL THICKNESS	DOOR PANEL MATERIAL	DOOR PANEL FINISH	FRAME TYPE	FRAME SIZE SUMMARY OVERALL HEIGHT	FRAME SIZE SUMMARY OVERALL WIDTH	FRAME PROFILE SUMMARY WIDTH	FRAME PROFILE SUMMARY HEAD	FRAME PROFILE SUMMARY JAMB	FRAME MATERIAL	FRAME FINISH	GLAZING THICKNESS	GLAZING TYPE	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	HARDWARE SET	COMMENTS
101A	CORRIDOR	MEN'S	3'-0" x 7'-0"	PANEL : LL	1 3/4"	SOLID WOOD	PREFINISHED	HM ST	7' - 2"	3' - 4"	6 1/2"	2"	2"	HOLLOW METAL	PAINTED	0"	- -	H1	J1	TS-1	1	LOUVER REQUIRES MINIMUM .75 SF OF FREE AREA
103A	JAN.	MEN'S	(2) 2'-0" x 7'-0"	PANEL : F	1 3/4"	SOLID WOOD	PREFINISHED	HM ST	7' - 2"	4' - 4"	6 1/2"	2"	2"	HOLLOW METAL	PAINTED	0"	- -	H1	J1	- -	2	
104A	CORRIDOR	WOMEN'S	3'-0" x 7'-0"	PANEL : LL	1 3/4"	SOLID WOOD	PREFINISHED	HM ST	7' - 2"	3' - 4"	6 1/2"	2"	2"	HOLLOW METAL	PAINTED	0"	- -	H1	J1	TS-1	1	LOUVER REQUIRES MINIMUM .75 SF OF FREE AREA
106A	EX. VESTIBULE 01-COM01	CORRIDOR	(2) 3'-0" x 7'-0"	PANEL : N2	1 3/4"	HOLLOW METAL	PAINTED PT-7	HM ST	7' - 2"	6' - 4"	5 7/8"	4"	2"	HOLLOW METAL	PAINTED	1/4"	GL1	H4	J4	TS-4	4	
107A	CORRIDOR	SPIN STUDIO	3'-0" x 7'-0"	PANEL : G	1 3/4"	SOLID WOOD	PREFINISHED	HM ST	7' - 2"	3' - 4"	5 7/8"	2"	2"	HOLLOW METAL	PAINTED	1/4"	GL1	H1	J1	TS-3	1	
108A	JAN.	SPIN STUDIO	(2) 2'-0" x 7'-0"	PANEL : F	1 3/4"	SOLID WOOD	PREFINISHED	HM ST	7' - 2"	4' - 4"	6 1/2"	2"	2"	HOLLOW METAL	PAINTED	0"	- -	H1	J1	- -	2	
109A	FITNESS	CORRIDOR	(2) 3'-0" x 7'-0"	PANEL : G	1 3/4"	SOLID WOOD	PREFINISHED	HM ST	7' - 2"	6' - 4"	5 7/8"	2"	2"	HOLLOW METAL	PAINTED	1/4"	GL1	H1	J1	TS-2	4	
110A	EX. CORRIDOR 01-COM08	MEN'S T&S	3'-0" x 7'-0"	PANEL : F	1 3/4"	SOLID WOOD	PREFINISHED	HM ST	7' - 2"	3' - 4"	6 1/2"	2"	2"	HOLLOW METAL	PAINTED	0"	- -	H2	J2	TS-1	1	
112A	JAN.	MEN'S LOCKER ROOM	(2) 2'-0" x 7'-0"	PANEL : F	1 3/4"	SOLID WOOD	PREFINISHED	HM ST	7' - 2"	4' - 4"	5 7/8"	2"	2"	HOLLOW METAL	PAINTED	0"	- -	H1	J1	- -	2	
114A	WOMEN'S T&S	EX. CORRIDOR 01-COM08	3'-0" x 7'-0"	PANEL : F	1 3/4"	SOLID WOOD	PREFINISHED	HM ST	7' - 2"	3' - 4"	5 7/8"	2"	2"	HOLLOW METAL	PAINTED	0"	- -	H2	J2	TS-1	1	
117A	JAN.	WOMEN'S T&S	3'-0" x 7'-0"	PANEL : F	1 3/4"	SOLID WOOD	PREFINISHED	HM ST	7' - 2"	3' - 4"	5 7/8"	2"	2"	HOLLOW METAL	PAINTED	0"	- -	H1	J1	- -	3	

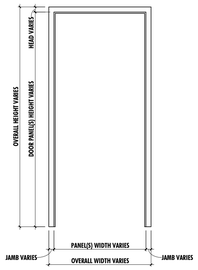
GENERAL DOOR NOTES

NOTE #	NOTE
1	CONTRACTOR SHALL FIELD VERIFY ALL EXISTING OPENINGS/MODIFIED OPENINGS PRIOR TO FABRICATION OF DOORS AND FRAMES.
2	DETAILS MAY VARY AT EACH DOOR. VERIFY EACH CONDITION IN FIELD.
3	SEE PARTITION SCHEDULE, FLOOR PLAN, AND STRUCTURAL DRAWINGS FOR CONSTRUCTION OF WALLS AND PARTITIONS.
4	NEW FRAMES IN EXISTING OPENINGS SHALL RECEIVE COUNTER SUNK MASONRY EXPANSION JAMB ANCHORS, 1/2" DIAMETER, IN LIEU OF MASONRY WIRE JAMB ANCHORS.
5	ALL DOORS SHALL BE SET WITHIN OPENINGS TO ENSURE ADA APPROACH COMPLIANCE AS INDICATED ON SHEET G003.
6	MOISTURE RESISTANT GYPSUM WALL BOARD SHALL BE UTILIZED IN ALL AREAS WHERE GYPSUM WALL BOARD IS TO BE DIRECTLY ADHERED TO CONCRETE OR MASONRY SURFACES IN INTERIOR APPLICATIONS. SUBSTRATE SHALL BE CLEANED AS REQUIRED AND FREE OF DUST, DEBRIS, AND MOISTURE PRIOR TO ADHESION AND FINISHING.
7	AT WALLS WITH SOUND ATTENUATION BLANKETS, CONTRACTOR SHALL SEAL DOOR FRAMES, GLAZED OPENING FRAMES, INTERSECTIONS, AND OTHER PENETRATIONS WITH ACOUSTICAL SEALANT.



1. SEE DOOR SCHEDULE FOR ACTUAL PANEL DIMENSIONS.
2. DIMENSIONS FOR GLAZING INDICATED SHALL CONSTITUTE THE FULL GLAZING WIDTH.

DOOR PANEL TYPES
1/2" = 1'-0"



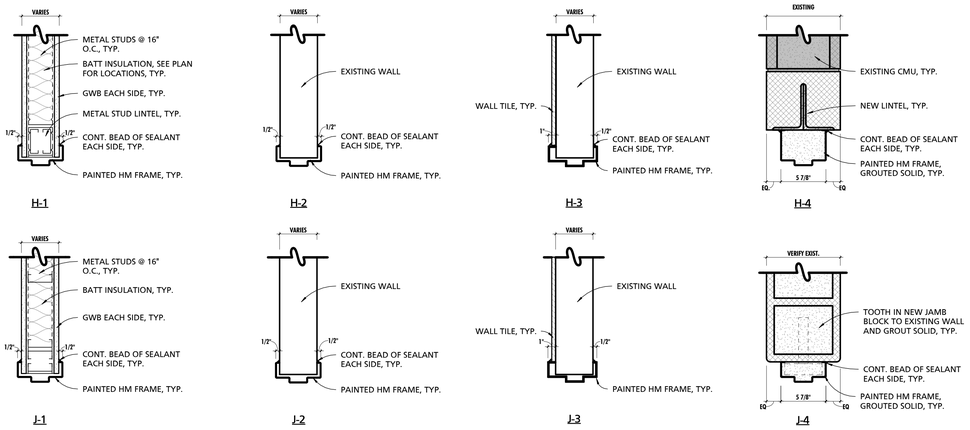
HM ST HOLLOW METAL STANDARD FRAME

FRAME TYPES
1/2" = 1'-0"

SCHEDULE - GLAZING

MARK	DESCRIPTION	COMMENTS
GL1	1/4" CLEAR SAFETY GLAZING	

Set 1	**Typical Multi-Occupant Toilet/Locker Room Single Door**			
	Doors: 101A, 104A, 110A, 114A, 107A			
	3	Butt Hinges		
	1	Push Plate		
	1	Fixed Pull		
	2	Kick Plate	1 1/2" LDW	
	1	Surface Closer w/hold open		
	1	Perimeter Gasketing		
	1	Wall-Mounted Stop		
Set 2	**Typical Double Locking Storage Room Door**			
	Doors: 103A, 108A, 112A			
	6	Butt Hinges		
	2	Manual Flush Bolts	On inactive leaf, top & bottom	
	1	Dust-Proof Strike		
	1	Mortise Lockset	F07 Storeroom Function on active leaf	
	2	Lever Door Holder		
	2	Armor Plates	1 1/2" LDW, push side	
	2	Silencers		
Set 3	**Typical Single Locking Storage Room Door**			
	Door: 117A			
	3	Butt Hinges		
	1	Mortise Lockset	F07 Storeroom Function	
	1	Surface Closer	with hold open	
	1	Lever Door Holder		
	3	Door Silencers		
Set 4	**Typical Interior Free Passage Double Door**			
	Doors: 106A, 109A			
	2	Continuous Hinge		
	2	Concealed Vertical Rod Exit Device	Less bottom rod, F01 Passage Function	
	2	Lever Door Holder		
	2	Surface Closer		
	2	Wall-mounted Stop		
	1	Perimeter Gasketing		
	1	Meeting Stile Gasketing		



INTERIOR DOOR HEAD & JAMB DETAILS
1 1/2" = 1'-0"

CONSULTANTS

MANNS WOODWARD STUDIOS
ARCHITECTURE + MASTER PLANNING

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(E) INFO@MWSARCH.COM
WWW.MWSARCH.COM

SEAL

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NUMBER: #15505
EXPIRATION DATE: 8-18-2026

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

DOOR SCHEDULE, TYPES & DETAILS

100% CD

4/16/2025

SHEET A600

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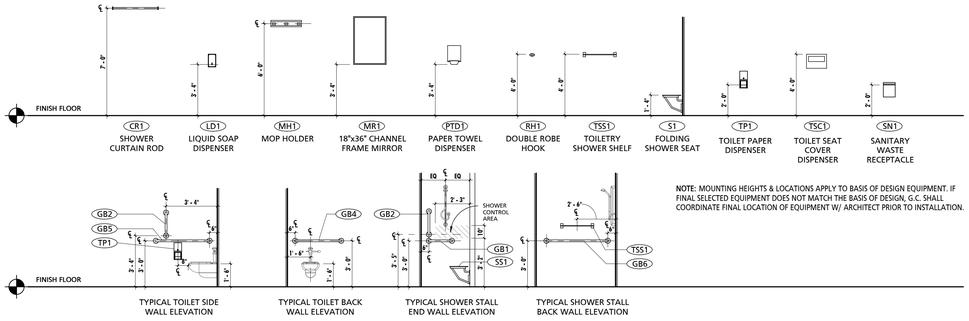
SCHEDULE - TOILET ROOM ACCESSORIES

MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	OF/OI	OF/CI	CF/CI	COMMENTS
CR1	HEAVY DUTY SHOWER CURTAIN ROD	BOBRICK	B-6107			Yes	
GB1	12" GRAB BAR	AMERICAN SPECIALTIES	3700 SERIES			Yes	
GB2	18" VERTICAL GRAB BAR	AMERICAN SPECIALTIES	3700 SERIES			<varies>	
GB4+5	36" LONG (BACK) & 42" LONG (SIDE) TOILET GRAB BARS	AMERICAN SPECIALTIES	3700 SERIES			<varies>	
GB6	48" GRAB BAR	AMERICAN SPECIALTIES	3700 SERIES			Yes	
LD1	WALL MOUNTED SOAP DISPENSER	GOJO	FMX-12			Yes	
MR1	18"x36" MIRROR W/ CHANNEL FRAME	BOBRICK	B-165 SERIES			Yes	
PTD1	WALL MOUNTED PAPER TOWEL DISPENSER	GP PRO	54338			Yes	
RH1	HEAVY DUTY ROBE HOOK	BOBRICK	B-2116			Yes	
S1	FOLDING SHOWER SEAT	BOBRICK	B203-20			Yes	
SC1	VINYL SHOWER CURTAIN W/ HOOKS	BOBRICK	204-2			Yes	
SN1	SURFACE MOUNTED SANITARY WASTE RECEPTACLE	BOBRICK	B-270			<varies>	
TP1	TOILET PAPER DISPENSER	GP PRO	59009			<varies>	
TSC1	TOILET SEAT COVER DISPENSER	BOBRICK	B-4221			<varies>	
TSS1	TOILETRY SHOWER SHELF	BOBRICK	B-683			Yes	

SCHEDULE - EQUIPMENT

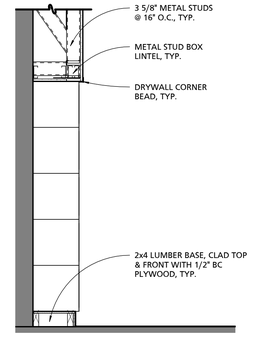
MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
EQ-1	24"x24"x72" SINGLE TIER LOCKER W/ INTEGRAL BENCH	SPACESAVER CORPORATION	PSL722424BDRS			●	PROVIDED W/ SINGLE DOOR, HASP LOCK AND FLAT TOP
EQ-3	12x12x12 - 5 TIER LOCKERS	SPACESAVER CORPORATION	DAY USE LOCKERS			●	
EQ-4	VENDING MACHINE	N/A	N/A	●			
EQ-5	VENDING MACHINE	N/A	N/A	●			
EQ-6	WALL MOUNTED TV	N/A	N/A		●		TVS TO BE MOUNTED AT 96" A.F.F. GC TO PROVIDE WALL BLOCKING AT ALL TV LOCATIONS
EQ-7	Personal Storage Locker - Single Door	Spaceaver Corp	PSL722430S			●	24"x24"x72", ADA ACCESSIBLE. SHELF AND HOOK TO BE INSTALLED NO GREATER THAN 54" AFF. LOWER SHELF INSTALLED AT 15" AFF
EQ-8	18x12x12 - 5 TIER LOCKERS	SPACESAVER CORPORATION	DAY USE LOCKERS			●	
EQ-9	WALL MOUNTED STUDIO MIRROR	BEAM STORE	40"X79" GLASSLESS MIRROR			●	



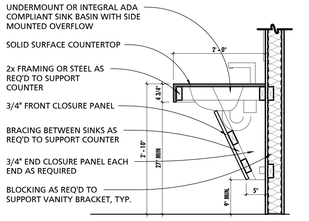
NOTE: MOUNTING HEIGHTS & LOCATIONS APPLY TO BASIS OF DESIGN EQUIPMENT. IF FINAL SELECTED EQUIPMENT DOES NOT MATCH THE BASIS OF DESIGN, G.C. SHALL COORDINATE FINAL LOCATION OF EQUIPMENT W/ ARCHITECT PRIOR TO INSTALLATION.

NOTE: DIMENSIONS BASED ON BASIS-OF-DESIGN PRODUCTS. VERIFY MOUNTING HEIGHTS FOR ALL SUBSTITUTION PRODUCTS.

TYPICAL TOILET ACCESSORY MOUNTING HEIGHTS & LOCATIONS
NOT TO SCALE

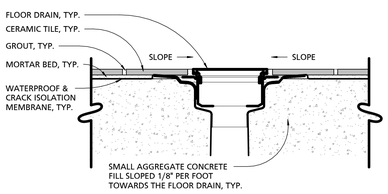


2 TYPICAL LOCKER (EQ-3) DETAIL
3/4" = 1'-0"

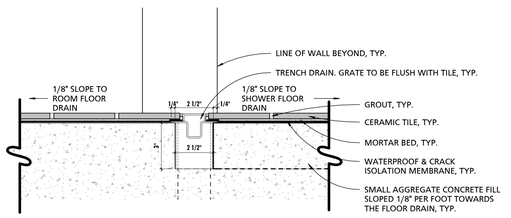


1. CONTRACTOR RESPONSIBLE FOR ENSURING ALL FABRICATED CASEWORK CONFORMS WITH ADA REQUIREMENTS. SEE ADA CODE SHEET FOR ADDITIONAL INFORMATION RELATED TO CLEARANCE REQUIREMENTS.
2. SEE INTERIOR ELEVATIONS FOR WALL FINISHES AND BACK SPLASH REQUIREMENTS
3. ALL COUNTERS SHALL BE SEAMLESS UNLESS NOTED OTHERWISE.

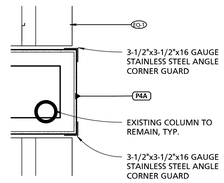
3 TYPICAL LAVATORY DETAIL
3/4" = 1'-0"



4 TYPICAL SHOWER FLOOR DRAIN DETAIL
3" = 1'-0"



5 TYPICAL SHOWER TRENCH DRAIN DETAIL
3" = 1'-0"



6 CORNER GUARD DETAIL
3/4" = 1'-0"

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REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

TYPICAL BUILT-IN, EQUIPMENT & ACCESSORY DETAILS

100% CD

4/16/2025

SHEET A700

16 OF 44

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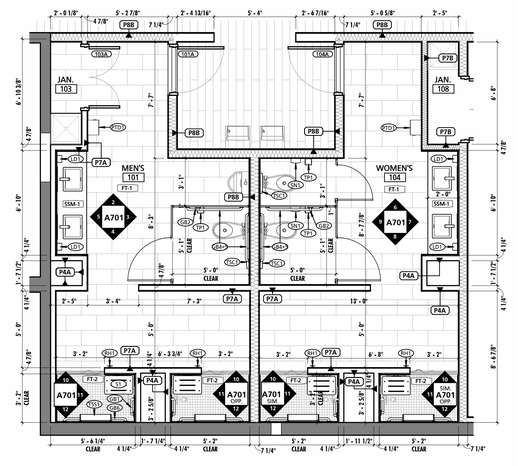
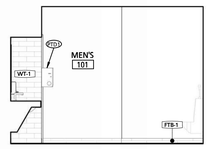
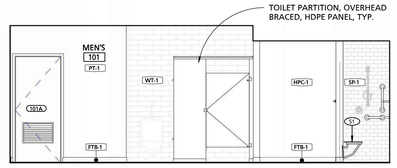


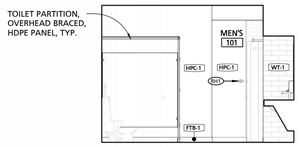
1 MEN'S 101 & WOMEN'S 104
1/4" = 1'-0"



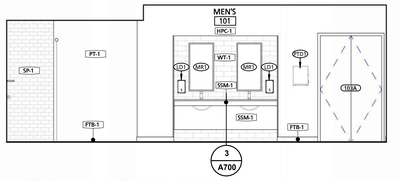
2 MEN'S 101 NORTH ELEVATION
1/4" = 1'-0"



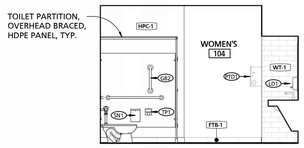
3 MEN'S 101 EAST ELEVATION
1/4" = 1'-0"



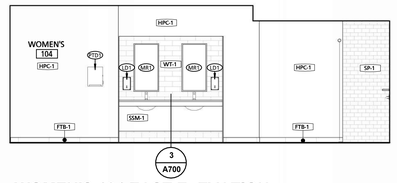
4 MEN'S 101 SOUTH ELEVATION
1/4" = 1'-0"



5 MEN'S 101 WEST ELEVATION
1/4" = 1'-0"



6 WOMEN'S 104 NORTH ELEVATION
1/4" = 1'-0"



7 WOMEN'S 104 EAST ELEVATION
1/4" = 1'-0"

SCHEDULE - MATERIAL LEGEND						
CODE	MATERIAL	MANUFACTURER	STYLE	COLOR	DESCRIPTION	REPRESENTATIVE
FLOORING						
FT-1	FLOOR TILE	ARCHITESSA	SOUL	GREY MERINO	12" X 24" FIELD TILE, 1/3 OFFSET INSTALLATION	KERSI PRESS 240-676-0097
FT-2	MOSAIC TILE	DALTILE	COLOR WHEEL MOSAICS	MATTE SUEDE GRAY 0782	1.5" HEXAGON MOSAIC (MESH MOUNTED ON 14" X 12" SHEET)	TERRY GORMAN 202-577-4034
FTG-2	FLOOR TILE GROUT	MAPEI	--	19+ PEARL GRAY	GROUT TO BE USED WITH FT-2, INSTALL PER TCNA HANDBOOK, KEEP GROUT JOINT TO MINIMUM WIDTH	1-888-876-2734
LVT-1	LUXURY VINYL TILE	SHAW	GRAIN 0502V	CHAR 64549	7" X 48" PLANK, DIRECT GLUE, STAGGER INSTALLATION METHOD	LAURA KERRIS 301-529-6346
RF-1	RUBBER FLOORING	ROPPE	RECOIL FITNESS FLOORING TILE	609 COBALT, 20% COLOR	36" X 36" SQUARE EDGE TILES, 3/8" THICKNESS	SHAUN HIGGINS 410-330-4211
TS-1	TRANSITION STRIP (TILE TO LVT)	SCHLUTER SYSTEMS	RENO-U	AEU 100	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	JASON ECKARD 410-999-4490
TS-2	TRANSITION STRIP (LVT TO RF)	TARKETT	CCA-40	BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	CHAD MOORE 443-970-7147
TS-3	TRANSITION STRIP (LVT TO LVT)	TARKETT		BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	
TS-4	TRANSITION STRIP (LVT TO EXIST)	TARKETT		BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	
BASE						
FTB-1	FLOOR TILE BASE	ARCHITESSA	COVE BASE	GREY MERINO	6" X 12" COVE BASE	KERSI PRESS 240-676-0097
VB-1	VINYL BASE	TARKETT	TRADITIONAL VINYL BASE	BLACK B 40	4"H X 1/8" THICK, CONTINUOUS COVE BASE, ROLL GOODS	CHAD MOORE 443-970-7147
CEILINGS & WALLS						
CB-1	FELTWORKS BLADES	ARMSTRONG	6533RCH0003	BLACK	RECTANGULAR 10 8FT PANEL UNIT	
FRP-1	FIBER-REINFORCED PLASTIC	MARLITE	STANDARD FRP	P430N MEDIUM GRAY	4' X 12' PANEL SIZE, INSTALL PER MANUFACTURER'S INSTRUCTIONS	GREG LEARY 330-243-7187
HPC-1	HIGH PERFORMANCE COATING	SHERWIN WILLIAMS	SW7661	REFLECTION	FINISH AT BATHROOMS	AMANDA LOWERY 410-507-0572
PT-1	PAINT - GENERAL	SHERWIN WILLIAMS	SW7661	REFLECTION	STAIN FINISH, GENERAL PAINT THROUGHOUT	AMANDA LOWERY 410-507-0572
PT-3	PAINT - GENERAL	SHERWIN WILLIAMS	SW6994	GREENBLACK	STAIN FINISH, GENERAL PAINT THROUGHOUT	AMANDA LOWERY 410-507-0572
PT-4	PAINT - ACCENT	SHERWIN WILLIAMS	SW7668	MARCH WIND	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-5	PAINT - ACCENT	SHERWIN WILLIAMS	SW6871	POSITIVE RED	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-6	PAINT - ACCENT	SHERWIN WILLIAMS	SW6804	DIGNITY BLUE	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-7	PAINT - CEILING	SHERWIN WILLIAMS	SW7757	HIGH REFLECTIVE WHITE	SEMI-GLOSS, CEILING PAINT THROUGHOUT AT RESTROOM GYP. CEILINGS, FLAT FINISH AT NON-WET AREA CEILINGS / BULKHEADS AS NEEDED	AMANDA LOWERY 410-507-0572
SP-1	SHOWER SURROUND	INPRO	BIOPRISM 3" X 6" SUBWAY	BRIGHT WHITE	SHOWER SURROUND PANEL	JOE MUSKUS 262-682-8489
WC-1	WALLCOVERING / WALL GRAPHIC	T.B.D.	T.B.D.	T.B.D.	ACCENT WALLCOVERING / WALL GRAPHIC	T.B.D.
WT-1	WALL TILE	DALTILE	VIRTRUVIAN	WHITE GLOSSY VV10	3" X 6" WALL TILE	TERRY GORMAN 202-577-4034
WTG-1	WALL TILE GROUT	MAPEI	--	27+ SILVER	GROUT TO BE USED WITH WT-1, INSTALL PER TCNA HANDBOOK, KEEP GROUT JOINT TO MINIMUM WIDTH	1-888-876-2734
MILLWORK						
PL-1	PLASTIC LAMINATE	WILSONART	5024K-19	BLACKBIRD	INSTALL PER MANUFACTURER'S INSTRUCTION	MIKE MILLNER 410-443-1664
SSM-1	SOLID SURFACE MATERIAL	WILSONART	QUIET SWIRL	924155	3 CM THICKNESS	MIKE MILLNER 410-443-1664
MISC						
MR-1	MIRROR	G.C. TO COORDINATE	--	--	1/4" THICK MIRROR	G.C. TO COORDINATE

SCHEDULE - TOILET ROOM ACCESSORIES						
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CR1	HEAVY DUTY SHOWER CURTAIN ROD	BOBRICK	B-6107			Yes	
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GB4+5	36" LONG (BACK) & 42" LONG (SIDE) TOILET GRAB BARS	AMERICAN SPECIALTIES	3700 SERIES			<varies>	
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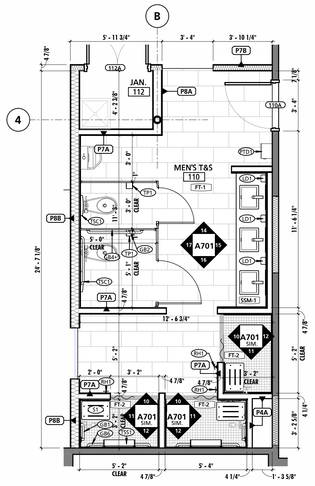
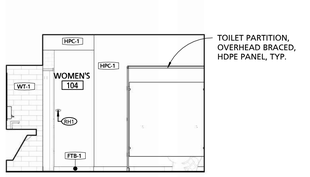
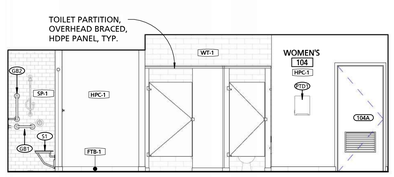
MR1	18"x36" MIRROR W/ CHANNEL FRAME	BOBRICK	B-165 SERIES			Yes	
PTD1	WALL MOUNTED PAPER TOWEL DISPENSER	GP PRO	54338			Yes	
RH1	HEAVY DUTY ROBE HOOK	BOBRICK	B-2116			Yes	
S1	FOLDING SHOWER SEAT	BOBRICK	8203-20			Yes	
SC1	VINYL SHOWER CURTAIN W/ HOOKS	BOBRICK	204-2			Yes	
SN1	SURFACE MOUNTED SANITARY WASTE RECEPTACLE	BOBRICK	B-270			<varies>	
TP1	TOILET PAPER DISPENSER	GP PRO	59009			<varies>	
TSC1	TOILET SEAT COVER DISPENSER	BOBRICK	B-4221			<varies>	
TSS1	TOILETRY SHOWER SHELF	BOBRICK	B-683			Yes	



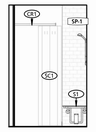
13 MEN'S T&S 110
1/4" = 1'-0"



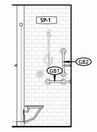
8 WOMEN'S 104 SOUTH ELEVATION
1/4" = 1'-0"



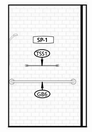
9 WOMEN'S 104 WEST ELEVATION
1/4" = 1'-0"



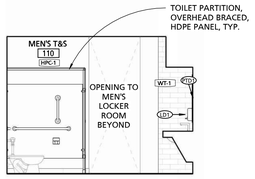
10 TYP. SHOWER ELEV.
1/4" = 1'-0"



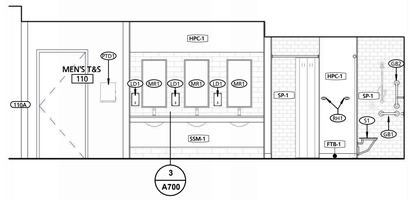
11 TYP. SHOWER ELEV.
1/4" = 1'-0"



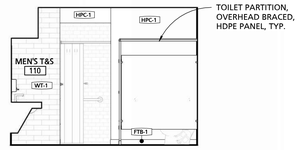
12 TYP. SHOWER ELEV.
1/4" = 1'-0"



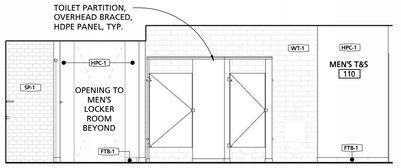
14 MEN'S T&S 110 NORTH ELEVATION
1/4" = 1'-0"



15 MEN'S T&S 110 EAST ELEVATION
1/4" = 1'-0"



16 MEN'S T&S 110 SOUTH ELEVATION
1/4" = 1'-0"



17 MEN'S T&S 110 WEST ELEVATION
1/4" = 1'-0"

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(E) INFO@MWSARCH.COM
WWW.MWSARCH.COM

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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER: #15505 EXPIRATION DATE: 8-18-2026

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

ENLARGED PLANS & INT. ELEVATIONS

100% CD

4/16/2025

SHEET
A701

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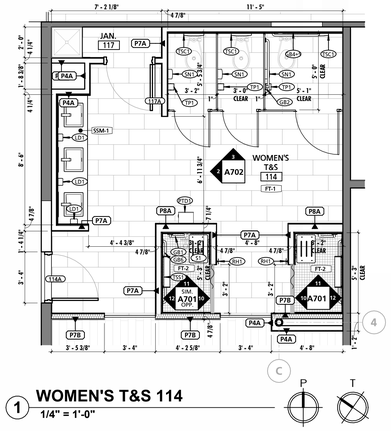
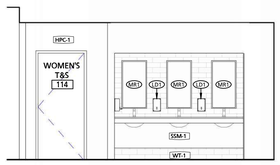
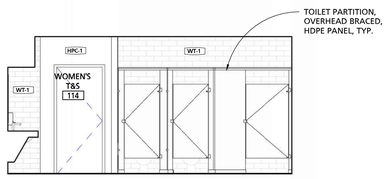


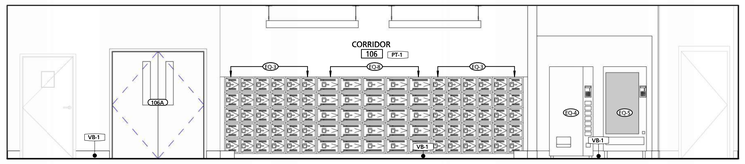
1 WOMEN'S T&S 114
1/4" = 1'-0"



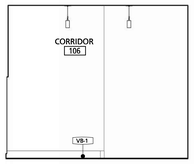
2 WOMEN'S T&S 114 WEST ELEVATION
1/4" = 1'-0"



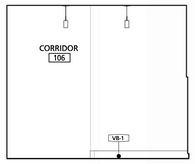
3 WOMEN'S T&S 114 NORTH ELEVATION
1/4" = 1'-0"



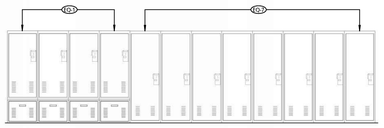
4 CORRIDOR 106 NORTH ELEVATION
1/4" = 1'-0"



5 CORRIDOR 106 EAST ELEVATION
1/4" = 1'-0"



6 CORRIDOR 106 WEST ELEVATION
1/4" = 1'-0"



7 MEN'S LOCKER ROOM LOCKER ELEVATION
1/4" = 1'-0"

SCHEDULE - MATERIAL LEGEND

CODE	MATERIAL	MANUFACTURER	STYLE	COLOR	DESCRIPTION	REPRESENTATIVE
FLOORING						
FT-1	FLOOR TILE	ARCHITESSA	SOUL	GREY MERINO	12" X 24" FIELD TILE, 1/3 OFFSET INSTALLATION	KERSI PRESS 240-676-0097
FT-2	MOSAIC TILE	DALTILE	COLOR WHEEL MOSAICS	MATTE SUEDE GRAY 0782	1.5" HEXAGON MOSAIC (MESH MOUNTED ON 14" X 12" SHEET)	TERRY GORMAN 202-577-4034
FTG-2	FLOOR TILE GROUT	MAPEI	--	19+ PEARL GRAY	GROUT TO BE USED WITH FT-2, INSTALL PER TCNA HANDBOOK, KEEP GROUT JOINT TO MINIMUM WIDTH	1-888-876-2734
LVT-1	LUXURY VINYL TILE	SHAW	GRAIN 0502V	CHAR 64549	7" X 48" PLANK, DIRECT GLUE, STAGGER INSTALLATION METHOD	LAURA KERRIS 301-529-6346
RF-1	RUBBER FLOORING	ROPPE	RECOIL FITNESS FLOORING TILE	609 COBALT, 20% COLOR	36" X 36" SQUARE EDGE TILES, 3/8" THICKNESS	SHAUN HIGGINS 410-330-4211
TS-1	TRANSITION STRIP (TILE TO LVT)	SCHLUTER SYSTEMS	RENO-U	AEU 100	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	JASON ECKARD 410-999-4490
TS-2	TRANSITION STRIP (LVT TO RF)	TARKETT	CCA-40	BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	CHAD MOORE 443-970-7147
TS-3	TRANSITION STRIP (LVT TO LVT)	TARKETT		BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	
TS-4	TRANSITION STRIP (LVT TO EXIST)	TARKETT		BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	
BASE						
FTB-1	FLOOR TILE BASE	ARCHITESSA	COVE BASE	GREY MERINO	6" X 12" COVE BASE	KERSI PRESS 240-676-0097
VB-1	VINYL BASE	TARKETT	TRADITIONAL VINYL BASE	BLACK B 40	4"H X 1/8" THICK, CONTINUOUS COVE BASE, ROLL GOODS	CHAD MOORE 443-970-7147
CEILINGS & WALLS						
CB-1	FELTWORKS BLADES	ARMSTRONG	6533RCH0003	BLACK	RECTANGULAR 10 8FT PANEL UNIT	
FRP-1	FIBER-REINFORCED PLASTIC	MARLITE	STANDARD FRP	P430N MEDIUM GRAY	4' X 12' PANEL SIZE, INSTALL PER MANUFACTURER'S INSTRUCTIONS	GREG LEARY 330-243-7187
HPC-1	HIGH PERFORMANCE COATING	SHERWIN WILLIAMS	SW7661	REFLECTION	FINISH AT BATHROOMS	AMANDA LOWERY 410-507-0572
PT-1	PAINT - GENERAL	SHERWIN WILLIAMS	SW7661	REFLECTION	STAIN FINISH, GENERAL PAINT THROUGHOUT	AMANDA LOWERY 410-507-0572
PT-3	PAINT - GENERAL	SHERWIN WILLIAMS	SW6994	GREENBLACK	STAIN FINISH, GENERAL PAINT THROUGHOUT	AMANDA LOWERY 410-507-0572
PT-4	PAINT - ACCENT	SHERWIN WILLIAMS	SW7668	MARCH WIND	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-5	PAINT - ACCENT	SHERWIN WILLIAMS	SW6871	POSITIVE RED	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-6	PAINT - ACCENT	SHERWIN WILLIAMS	SW6804	DIGNITY BLUE	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-7	PAINT - CEILING	SHERWIN WILLIAMS	SW7757	HIGH REFLECTIVE WHITE	SEMI-GLOSS, CEILING PAINT THROUGHOUT AT RESTROOM GYP. CEILINGS, FLAT FINISH AT NON-WET AREA CEILINGS / BULKHEADS AS NEEDED	AMANDA LOWERY 410-507-0572
SP-1	SHOWER SURROUND	INPRO	BIOPRISM 3" X 6" SUBWAY	BRIGHT WHITE	SHOWER SURROUND PANEL	JOE MUSKUS 262-682-8489
WC-1	WALLCOVERING / WALL GRAPHIC	T.B.D.	T.B.D.	T.B.D.	ACCENT WALLCOVERING / WALL GRAPHIC	T.B.D.
WT-1	WALL TILE	DALTILE	VIRTRUVIAN	WHITE GLOSSY VV10	3" X 6" WALL TILE	TERRY GORMAN 202-577-4034
WTG-1	WALL TILE GROUT	MAPEI	--	27+ SILVER	GROUT TO BE USED WITH WT-1, INSTALL PER TCNA HANDBOOK, KEEP GROUT JOINT TO MINIMUM WIDTH	1-888-876-2734
MILLWORK						
PL-1	PLASTIC LAMINATE	WILSONART	5024K-19	BLACKBIRD	INSTALL PER MANUFACTURER'S INSTRUCTION	MIKE MILLNER 410-443-1664
SSM-1	SOLID SURFACE MATERIAL	WILSONART	QUIET SWIRL	924155	3 CM THICKNESS	MIKE MILLNER 410-443-1664
MISC						
MR-1	MIRROR	G.C. TO COORDINATE	--	--	1/4" THICK MIRROR	G.C. TO COORDINATE

SCHEDULE - TOILET ROOM ACCESSORIES

MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	OF/OI	OF/CI	CF/CI	COMMENTS
CR1	HEAVY DUTY SHOWER CURTAIN ROD	BOBRICK	B-6107			Yes	
GB1	12" GRAB BAR	AMERICAN SPECIALTIES	3700 SERIES			Yes	
GB2	18" VERTICAL GRAB BAR	AMERICAN SPECIALTIES	3700 SERIES			<varies>	
GB4+5	36" LONG (BACK) & 42" LONG (SIDE) TOILET GRAB BARS	AMERICAN SPECIALTIES	3700 SERIES			<varies>	
GB6	48" GRAB BAR	AMERICAN SPECIALTIES	3700 SERIES			Yes	
LD1	WALL MOUNTED SOAP DISPENSER	GOJO	FMX-12			Yes	
MR1	18"x36" MIRROR W/ CHANNEL FRAME	BOBRICK	B-165 SERIES			Yes	
PTD1	WALL MOUNTED PAPER TOWEL DISPENSER	GP PRO	54338			Yes	
RH1	HEAVY DUTY ROBE HOOK	BOBRICK	B-2116			Yes	
S1	FOLDING SHOWER SEAT	BOBRICK	8203-20			Yes	
SC1	VINYL SHOWER CURTAIN W/ HOOKS	BOBRICK	204-2			Yes	
SN1	SURFACE MOUNTED SANITARY WASTE RECEPTACLE	BOBRICK	B-270			<varies>	
TP1	TOILET PAPER DISPENSER	GP PRO	59009			<varies>	
TSC1	TOILET SEAT COVER DISPENSER	BOBRICK	B-4221			<varies>	
TSS1	TOILETRY SHOWER SHELF	BOBRICK	B-683			Yes	

SCHEDULE - EQUIPMENT

MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
EQ-1	24"x24"x72" SINGLE TIER LOCKER W/ INTEGRAL BENCH	SPACESAVER CORPORATION	PSL722424BDRS			●	PROVIDED W/ SINGLE DOOR, HASP LOCK AND FLAT TOP
EQ-3	12x12x12 - 5 TIER LOCKERS	SPACESAVER CORPORATION	DAY USE LOCKERS			●	
EQ-4	VENDING MACHINE	N/A	N/A	●			
EQ-5	VENDING MACHINE	N/A	N/A	●			
EQ-6	WALL MOUNTED TV	N/A	N/A		●		TVS TO BE MOUNTED AT 96" A.F.F. GC TO PROVIDE WALL BLOCKING AT ALL TV LOCATIONS
EQ-7	Personal Storage Locker - Single Door	Spacesaver Corp	PSL722430S			●	24"x24"x72", ADA ACCESSIBLE. SHELF AND HOOK TO BE INSTALLED NO GREATER THAN 54" AFF. LOWER SHELF INSTALLED AT 15" AFF
EQ-8	18x12x12 - 5 TIER LOCKERS	SPACESAVER CORPORATION	DAY USE LOCKERS			●	
EQ-9	WALL MOUNTED STUDIO MIRROR	BEAM STORE	40"X79" GLASSLESS MIRROR			●	

CONSULTANTS

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LICENSE NUMBER: #15505
EXPIRATION DATE: 8-18-2026

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

ENLARGED PLANS & INT. ELEVATIONS

100% CD

4/16/2025

SHEET
A702

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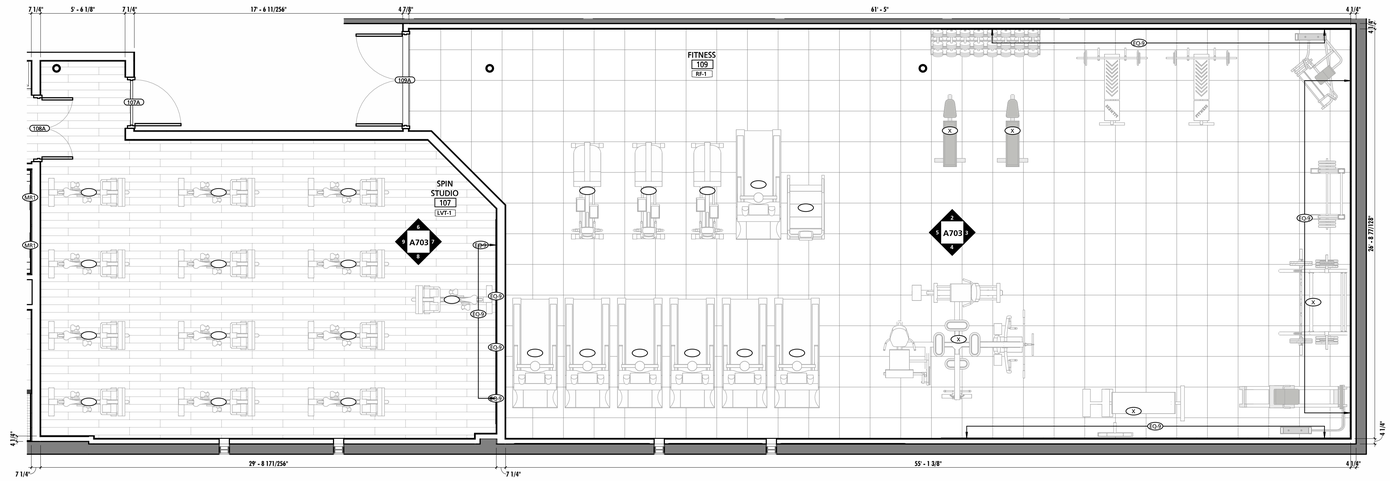
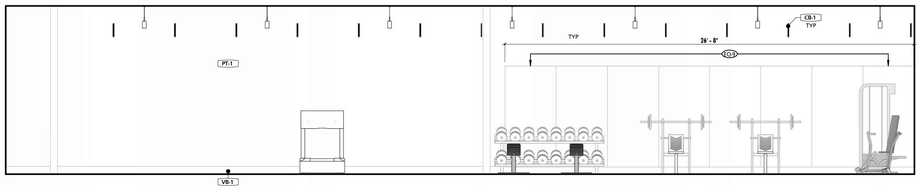
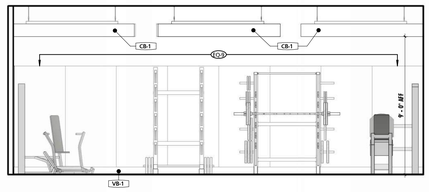


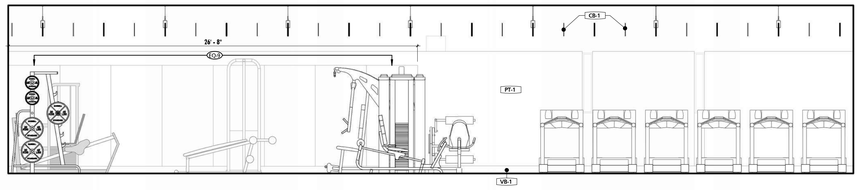
1 SPIN STUDIO 107 & FITNESS 109 - ENLARGED PLAN
1/4" = 1'-0"



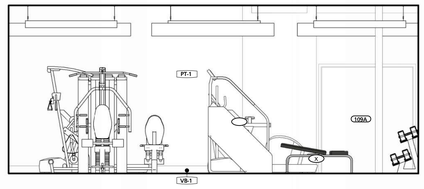
2 FITNESS 109 - NORTH
1/4" = 1'-0"



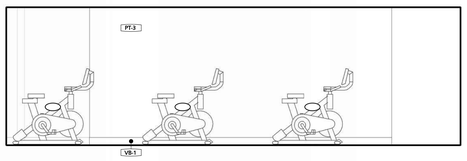
3 FITNESS 109 - EAST
1/4" = 1'-0"



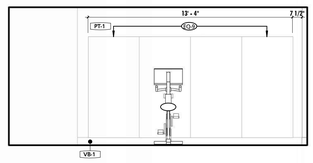
4 FITNESS 109 - SOUTH
1/4" = 1'-0"



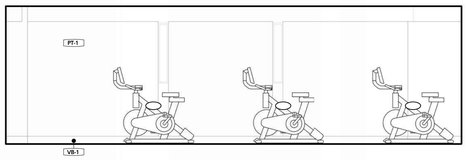
5 FITNESS 109 - WEST
1/4" = 1'-0"



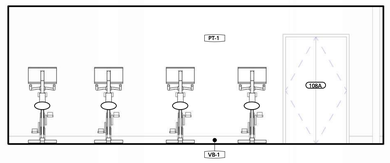
6 SPIN STUDIO 107 - NORTH
1/4" = 1'-0"



7 SPIN STUDIO 107 - EAST
1/4" = 1'-0"



8 SPIN STUDIO 107 - SOUTH
1/4" = 1'-0"



9 SPIN STUDIO 107 - WEST
1/4" = 1'-0"

SCHEDULE - MATERIAL LEGEND

CODE	MATERIAL	MANUFACTURER	STYLE	COLOR	DESCRIPTION	REPRESENTATIVE
FLOORING						
FT-1	FLOOR TILE	ARCHITESSA	SOUL	GREY MERINO	12" X 24" FIELD TILE, 1/3 OFFSET INSTALLATION	KERSI PRESS 240-676-0097
FT-2	MOSAIC TILE	DALTILE	COLOR WHEEL MOSAICS	MATTE SUEDE GRAY 0782	1.5" HEXAGON MOSAIC (MESH MOUNTED ON 14" X 12" SHEET)	TERRY GORMAN 202-577-4034
FTG-2	FLOOR TILE GROUT	MAPEI	--	19+ PEARL GRAY	GROUT TO BE USED WITH FT-2, INSTALL PER TCNA HANDBOOK, KEEP GROUT JOINT TO MINIMUM WIDTH	1-888-876-2734
LVT-1	LUXURY VINYL TILE	SHAW	GRAIN 0502V	CHAR 64549	7" X 48" PLANK, DIRECT GLUE, STAGGER INSTALLATION METHOD	LAURA KERRIS 301-529-6346
RF-1	RUBBER FLOORING	ROPPE	RECOIL FITNESS FLOORING TILE	609 COBALT, 20% COLOR	36" X 36" SQUARE EDGE TILES, 3/8" THICKNESS	SHAUN HIGGINS 410-330-4211
TS-1	TRANSITION STRIP (TILE TO LVT)	SCHLUTER SYSTEMS	RENO-U	AEU 100	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	JASON ECKARD 410-999-4490
TS-2	TRANSITION STRIP (LVT TO RF)	TARKETT	CCA-40	BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	CHAD MOORE 443-970-7147
TS-3	TRANSITION STRIP (LVT TO LVT)	TARKETT		BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	
TS-4	TRANSITION STRIP (LVT TO EXIST)	TARKETT		BLACK	TRANSITION TO OCCUR AT CENTERLINE OF DOOR OPENING	
BASE						
FTB-1	FLOOR TILE BASE	ARCHITESSA	COVE BASE	GREY MERINO	6" X 12" COVE BASE	KERSI PRESS 240-676-0097
VB-1	VINYL BASE	TARKETT	TRADITIONAL VINYL BASE	BLACK B 40	4"H X 1/8" THICK, CONTINUOUS COVE BASE, ROLL GOODS	CHAD MOORE 443-970-7147
CEILINGS & WALLS						
CB-1	FELTWORKS BLADES	ARMSTRONG	6533RCH0003	BLACK	RECTANGULAR 10 8FT PANEL UNIT	
FRP-1	FIBER-REINFORCED PLASTIC	MARLITE	STANDARD FRP	P430N MEDIUM GRAY	4' X 12' PANEL SIZE, INSTALL PER MANUFACTURER'S INSTRUCTIONS	GREG LEARY 330-243-7187
HPC-1	HIGH PERFORMANCE COATING	SHERWIN WILLIAMS	SW7661	REFLECTION	FINISH AT BATHROOMS	AMANDA LOWERY 410-507-0572
PT-1	PAINT - GENERAL	SHERWIN WILLIAMS	SW7661	REFLECTION	STAIN FINISH, GENERAL PAINT THROUGHOUT	AMANDA LOWERY 410-507-0572
PT-3	PAINT - GENERAL	SHERWIN WILLIAMS	SW6994	GREENBLACK	STAIN FINISH, GENERAL PAINT THROUGHOUT	AMANDA LOWERY 410-507-0572
PT-4	PAINT - ACCENT	SHERWIN WILLIAMS	SW7668	MARCH WIND	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-5	PAINT - ACCENT	SHERWIN WILLIAMS	SW6871	POSITIVE RED	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-6	PAINT - ACCENT	SHERWIN WILLIAMS	SW6804	DIGNITY BLUE	STAIN FINISH, ACCENT PAINT, SEE PLAN FOR LOCATION(S)	AMANDA LOWERY 410-507-0572
PT-7	PAINT - CEILING	SHERWIN WILLIAMS	SW7757	HIGH REFLECTIVE WHITE	SEMI-GLOSS, CEILING PAINT THROUGHOUT AT RESTROOM GYP. CEILINGS, FLAT FINISH AT NON-WET AREA CEILINGS / BULKHEADS AS NEEDED	AMANDA LOWERY 410-507-0572
SP-1	SHOWER SURROUND	INPRO	BIOPRISM 3" X 6" SUBWAY	BRIGHT WHITE	SHOWER SURROUND PANEL	JOE MUSKUS 262-682-8489
WC-1	WALLCOVERING / WALL GRAPHIC	T.B.D.	T.B.D.	T.B.D.	ACCENT WALLCOVERING / WALL GRAPHIC	T.B.D.
WT-1	WALL TILE	DALTILE	VIRTRUVIAN	WHITE GLOSSY VV10	3" X 6" WALL TILE	TERRY GORMAN 202-577-4034
WTG-1	WALL TILE GROUT	MAPEI	--	27+ SILVER	GROUT TO BE USED WITH WT-1, INSTALL PER TCNA HANDBOOK, KEEP GROUT JOINT TO MINIMUM WIDTH	1-888-876-2734
MILLWORK						
PL-1	PLASTIC LAMINATE	WILSONART	5024K-19	BLACKBIRD	INSTALL PER MANUFACTURER'S INSTRUCTION	MIKE MILLNER 410-443-1664
SSM-1	SOLID SURFACE MATERIAL	WILSONART	QUIET SWIRL	924155	3 CM THICKNESS	MIKE MILLNER 410-443-1664
MISC						
MR-1	MIRROR	G.C. TO COORDINATE	--	--	1/4" THICK MIRROR	G.C. TO COORDINATE

SCHEDULE - EQUIPMENT

MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
EQ-1	24"x24"x72" SINGLE TIER LOCKER W/ INTEGRAL BENCH	SPACESAVER CORPORATION	PSL722424BDRS			●	PROVIDED W/ SINGLE DOOR, HASP LOCK AND FLAT TOP
EQ-3	12x12x12 - 5 TIER LOCKERS	SPACESAVER CORPORATION	DAY USE LOCKERS			●	
EQ-4	VENDING MACHINE	N/A	N/A	●			
EQ-5	VENDING MACHINE	N/A	N/A	●			
EQ-6	WALL MOUNTED TV	N/A	N/A		●		TVS TO BE MOUNTED AT 96" A.F.F. GC TO PROVIDE WALL BLOCKING AT ALL TV LOCATIONS
EQ-7	Personal Storage Locker - Single Door	Spacesaver Corp	PSL7224305			●	24"x24"x72", ADA ACCESSIBLE. SHELF AND HOOK TO BE INSTALLED NO GREATER THAN 54" AFF. LOWER SHELF INSTALLED AT 15" AFF
EQ-8	18x12x12 - 5 TIER LOCKERS	SPACESAVER CORPORATION	DAY USE LOCKERS			●	
EQ-9	WALL MOUNTED STUDIO MIRROR	BEAM STORE	40"X79" GLASSLESS MIRROR			●	

GENERAL REFERENCE PLAN NOTES

1	FITNESS EQUIPMENT IS SHOWN FOR REFERENCE PURPOSES ONLY AND SHALL BE PROVIDED AND INSTALLED BY OWNER.

CONSULTANTS

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SEAL

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NUMBER: #15505
EXPIRATION DATE: 8-18-2026

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

ENLARGED PLANS & INT. ELEVATIONS

100% CD

4/16/2025

SHEET
A703

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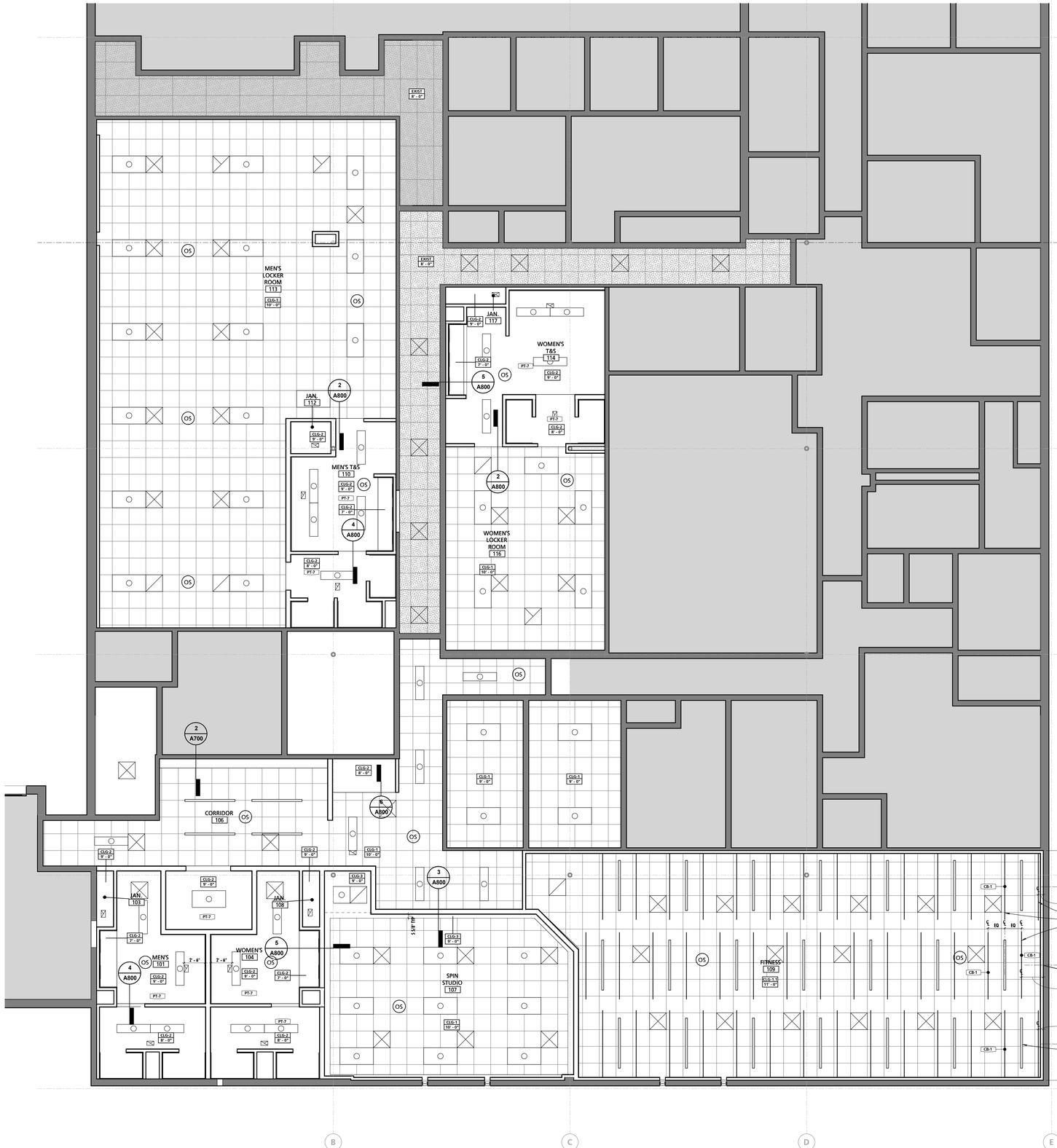
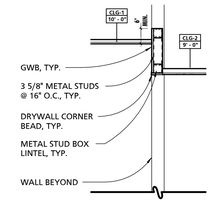
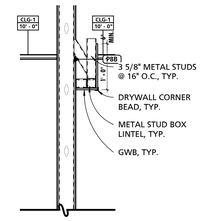


SCHEDULE - CEILING TYPES

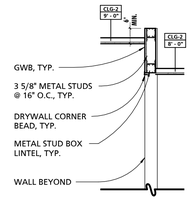
MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	COMMENTS
CLG-1	2x2 ACOUSTICAL CEILING TILE - TEGULAR	ARMSTRONG	ULTIMA	
CLG-1.1	2x2 ACOUSTICAL CEILING TILE - TEGULAR	ARMSTRONG	ULTIMA	PAINT BLACK
CLG-2	5/8" GWB ON 1 1/2" DRYWALL GRID	ARMSTRONG	DRYWALL GRID SYSTEM	
CLG-3	5/8" GWB ON 3 5/8" METAL STUDS @ 16" O.C.	N/A	N/A	
EXIST	EXISTING CEILING TO REMAIN	N/A	N/A	



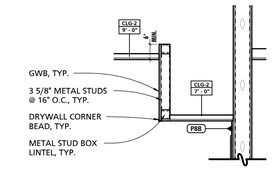
2 CEILING TRANSITION DETAIL 2
1/2" = 1'-0"



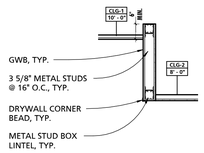
3 CEILING TRANSITION DETAIL 3
1/2" = 1'-0"



4 CEILING TRANSITION DETAIL 4
1/2" = 1'-0"



5 CEILING TRANSITION DETAIL 5
1/2" = 1'-0"



6 CEILING TRANSITION DETAIL 6
1/2" = 1'-0"

1 REFLECTED CEILING PLAN
3/16" = 1'-0"

PLAN LEGEND

- SUPPLY DIFFUSER
- RETURN REGISTER/ GRILLE
- 1x4 LIGHTING FIXTURE
- 2x4 LIGHTING FIXTURE

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CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

REFLECTED CEILING PLAN

100% CD

4/16/2025

SHEET A800

20 OF 44

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DESIGN CRITERIA:

1. DEAD, LIVE, SNOW, WIND, AND SEISMIC DESIGN LOADS ARE IN ACCORDANCE WITH THE BALTIMORE CITY BUILDING CODE WHICH INCORPORATES THE INTERNATIONAL BUILDING CODE - IBC 2018.
2. DESIGN DEAD LOADS HAVE BEEN ACCOUNTED FOR BASED UPON THE ACTUAL WEIGHT OF MATERIALS OF CONSTRUCTION INCORPORATED INTO THE BUILDING, INCLUDING BUT NOT LIMITED TO FLOORS, ROOFS, WALLS, CEILINGS, FINISHES, CLADDING, AND OTHER SIMILARLY INCORPORATED ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING ITEMS. SEE THE APPROPRIATE DISCIPLINES PLANS AND SECTIONS FOR ADDITIONAL INFORMATION. DESIGN LIVE LOADS ARE AS FOLLOWS:

AREA	LIVE LOAD
ROOFS	30 PSF

3. SNOW LOADING IS BASED ON THE FOLLOWING, INCLUDING PROVISIONS FOR DRIFTING SNOW:

GROUND SNOW LOAD	30 PSF
FLAT-ROOF SNOW LOAD	21 PSF
RISK CATEGORY	II
SURFACE ROUGHNESS CATEGORY	B
EXPOSURE CATEGORY	B
EXPOSURE FACTOR	1.00
IMPORTANCE FACTOR	1.00
THERMAL FACTOR	1.00

4. WIND LOADING IS BASED ON THE FOLLOWING:

ULTIMATE DESIGN WIND SPEED	115 MPH
NOMINAL DESIGN WIND SPEED	90 MPH
RISK CATEGORY	II
SURFACE ROUGHNESS CATEGORY	B
EXPOSURE CATEGORY	B
INTERNAL PRESSURE COEFFICIENT	+/-0.18
TOPOGRAPHIC FACTOR	1.00
DIRECTIONALITY FACTOR	0.85

COMPONENTS & CLADDING ULTIMATE DESIGN PRESSURES, (10 SQ FT TRIBUTARY AREA):
ROOF ZONE 1: +16/-37 PSF, ROOF ZONE 2: +16/-49 PSF, ROOF ZONE 3: +16/-66 PSF
WALL ZONE 4: +22/-23 PSF, WALL ZONE 5: +22/-29 PSF

IT IS THE RESPONSIBILITY OF THE COMPONENT & CLADDING ENGINEER TO CALCULATE WIND LOADS FOR COMPONENTS AND CLADDING BASED ON EACH COMPONENT'S TRIBUTARY AREA AND LOCATION ON THE BUILDING.

5. SEISMIC LOADING IS BASED ON THE FOLLOWING:

PER THE 2018 INTERNATIONAL EXISTING BUIDLING CODE, CHAPTER 5, SECTION 503 - ALTERATIONS; SEISMIC IMPLICATIONS OF STRUCTURAL ALTERATIONS HERE WITHIN CAN BE IGNORED.

6. CONSTRUCTION LOADS IMPOSED BY EQUIPMENT OR OTHER CONSTRUCTION ACTIVITY THAT EXCEED THE DESIGN LIVE LOAD SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL.

SUBMITTALS:

1. BEFORE SUBMISSION OF SHOP DRAWINGS, THE CONTRACTOR SHALL HAVE DETERMINED AND VERIFIED ALL QUANTITIES, DIMENSIONS, SPECIFIED PERFORMANCE CRITERIA, INSTALLATION REQUIREMENTS, MATERIALS, CATALOG NUMBERS AND SIMILAR DATA AND SHALL HAVE COORDINATED EACH SHOP DRAWING WITH OTHER SHOP DRAWINGS AND THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
2. PRIOR TO SUBMISSIONS, THE CONTRACTOR SHALL STAMP OR PROVIDE A SIMILAR WRITTEN INDICATION THAT THE CONTRACTOR HAS REVIEWED THE SUBMISSION AND IS SATISFIED THE CONTENTS ARE IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
3. REPRINTS OF THE CONTRACT DOCUMENTS WILL NOT BE ACCEPTED.
4. NO DIMENSIONAL INFORMATION MAY BE OBTAINED BY DIRECT SCALING OF THE DRAWINGS.
5. ELECTRONIC OR ADEQUATE NUMBER OF PAPER SETS SHALL BE SUBMITTED SO THAT THE ARCHITECT/ENGINEER CAN MAINTAIN ONE RECORD SET AT ALL TIMES.
6. ALL SUBMITTALS USED FOR CONSTRUCTION SHALL BEAR THE STAMP OF THE ARCHITECT/ENGINEER AND SHALL BE MARKED "APPROVED" OR "APPROVED AS NOTED".

EXISTING CONSTRUCTION:

1. ALL MEMBER SIZES, DIMENSIONS AND ELEVATIONS OF EXISTING STRUCTURES SHOWN ON THE DRAWINGS ARE OBTAINED FROM AVAILABLE SOURCES, AND ARE NOT GUARANTEED TO BE TRUE AND EXACT. THE CONTRACTOR SHALL VERIFY THESE MEMBER SIZES, DIMENSIONS AND ELEVATIONS BY ACTUAL FIELD MEASUREMENTS PRIOR TO FABRICATION OF ANY MATERIALS AND START OF WORK, AND REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER.
2. FOR ADDITIONAL INFORMATION ON THE EXISTING CONSTRUCTION, THE CONTRACTOR SHALL REFER TO DRAWINGS OF THE EXISTING STRUCTURES AND PROVIDE ADDITIONAL EXISTING BUILDING SURVEYS AS NECESSARY.
3. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORTS AND PERMANENT UNDERPINNING AS REQUIRED TO SUPPORT THE EXISTING STRUCTURES. THE CONTRACTOR SHALL EXAMINE THE EXISTING STRUCTURES TO DETERMINE THE EXTENT OF TEMPORARY SUPPORTS AND PERMANENT UNDERPINNING NECESSARY. THE CAPACITY AND METHOD USED FOR THE TEMPORARY SUPPORTS AND PERMANENT UNDERPINNING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

DEMOLITION NOTES:

1. REMOVE EXISTING CONSTRUCTION AS SHOWN ON PLANS. SEE PLANS, SECTIONS, AND DETAILS FOR EXTENT OF STRUCTURE TO BE REMOVED.
2. EXISTING STRUCTURAL FRAMING SHALL REMAIN UNLESS SPECIFICALLY NOTED ON PLAN TO BE REMOVED.
3. IF FIELD CONDITIONS DIFFER FROM THOSE SHOWN ON DRAWINGS, NOTIFY ARCHITECT/STRUCTURAL ENGINEER BEFORE PROCEEDING WITH DEMOLITION.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE THE EXISTING BUILDING DURING THE COURSE OF CONSTRUCTION AND IMMEDIATELY ADVISE THE ARCHITECT/ENGINEER OF ANY AREAS WHERE THE STRUCTURE EXHIBITS DISTRESS OR FAILURE.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE LOCATION OF ANY EXISTING SYSTEMS IN THE IMMEDIATE VICINITY OF CONSTRUCTION SO AS TO PREVENT DAMAGE TO THEM. SHOULD ANY DAMAGE TO SUCH SYSTEMS OCCUR THE CONTRACTOR SHALL BE REQUIRED TO REPAIR SUCH DAMAGE AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER.

STRUCTURAL STEEL:

1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITIONS OF AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS, AND THE CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING DESIGNATIONS, UNO:

W & WT SHAPES	ASTM A992
M & S SHAPES	ASTM A36
CHANNELS & ANGLES	ASTM A36
SQUARE & RECTANGULAR HSS	ASTM A500, GRADE C, MIN Fy = 50 KSI
ROUND HSS	ASTM A500, GRADE C, MIN Fy = 46 KSI
ROUND PIPE	ASTM A53, GRADE B
PLATES & BARS	ASTM A36

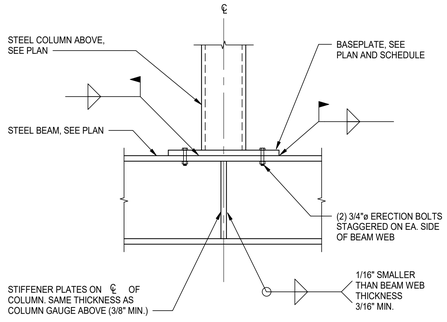
3. STRUCTURAL FASTENERS SHALL CONFORM TO THE FOLLOWING DESIGNATIONS, UNO:

HIGH STRENGTH BOLTS	ASTM F3125, GRADE A325 OR A490
COMMON BOLTS	ASTM A307, GRADE A
THREADED RODS	ASTM A36
HEADED STUDS	ASTM A108
ANCHOR RODS	ASTM F1554, GRADE 36, UNO

4. ALL BOLTS SHALL BE 3/4" DIAMETER MINIMUM, STANDARD HOLES, UNLESS NOTED OTHERWISE.
5. WELDING SHALL BE IN ACCORDANCE WITH AWS CODE FOR WELDING IN BUILDING CONSTRUCTION (AWS D1.1) AND SHALL BE PERFORMED BY CERTIFIED WELDERS. ALL WELDS SHALL BE MADE WITH AWS A5.1 E-70XX ELECTRODES.
6. STEEL STUD SHEAR CONNECTORS SHALL CONFORM TO ASTM A108, GRADES 1010 THROUGH 1020, AND SHALL CONFORM TO THE REQUIREMENTS OF STRUCTURAL WELDING CODE - STEEL, AWS D1.1. STUDS SHALL BE WELDED BY AUTOMATIC EQUIPMENT TO STRUCTURAL STEEL.
7. ALL SHOP CONNECTIONS SHALL BE HIGH STRENGTH BOLTED OR WELDED.
8. ALL FIELD CONNECTIONS SHALL BE HIGH STRENGTH BOLTED EXCEPT WHERE DETAILS INDICATE WELDING.
9. ALL BOLTED CONNECTIONS SHALL HAVE A MINIMUM OF TWO BOLTS.
10. CONNECTIONS SHALL BE DESIGNED PER AISC TO CARRY THE VERTICAL SHEAR REACTION SHOWN ON DRAWINGS AS A MINIMUM, UNO. IF NO REACTION IS SHOWN, CONNECTIONS SHALL BE DESIGNED TO SUPPORT HALF OF THE FULL CAPACITY OF THE UNIFORMLY LOADED MEMBER AT EACH BEAM END.
11. HIGH STRENGTH BOLTED CONNECTIONS SHALL BE SLIP-CRITICAL FOR OVERSIZED HOLES, SLOTTED HOLES WHERE THE FORCE IS ACTING IN THE SAME DIRECTION AS THE SLOT, KICKERS, BRACED FRAMES, MOMENT CONNECTIONS, BEAM SPLICES, HANGERS, AND ALL CONNECTIONS UNDER TENSION OR COMPRESSION, UNO.
12. CONNECTIONS TO COLUMNS SHALL HAVE A MAXIMUM ECCENTRICITY OF 2 1/2 INCHES WITH RESPECT TO THE FLANGE OR WEB AS APPLICABLE, UNO.
13. NO PENETRATIONS ARE PERMITTED THROUGH STRUCTURAL STEEL MEMBERS UNLESS INDICATED ON STRUCTURAL DRAWINGS OR APPROVED BY THE STRUCTURAL ENGINEER.
14. APPROVAL OF THE STRUCTURAL ENGINEER SHALL BE MANDATORY FOR THE USE OF CUTTING TORCH IN THE FIELD.
15. DURING ERECTION, STRUCTURAL STEEL FRAME SHALL BE ADEQUATELY BRACED IN ALL LINES, TWO WAYS, TO BRACE AND HOLD THE STEEL FRAME IN ALIGNMENT UNTIL ALL APPLICABLE SHEAR WALLS, BRACED FRAMES, MOMENT FRAMES, FLOOR AND ROOF DIAPHRAGMS, ETC. ARE IN PLACE. SUCH BRACING SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
16. ALL GROUT UNDER STEEL PLATES SHALL BE NON-SHRINK "PRE-MIX" TYPE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI.
17. FOR ALL MISCELLANEOUS STEEL CONSTRUCTION NOT SHOWN ON STRUCTURAL DRAWINGS, SEE THE ARCHITECTURAL AND MECHANICAL DRAWINGS.
18. ALL STRUCTURAL STEEL, CONNECTIONS, AND FASTENERS SHALL RECEIVE THE FOLLOWING FINISHES, UNO, IN ACCORDANCE WITH THE APPLICABLE AISC AND SSPC GUIDELINES:

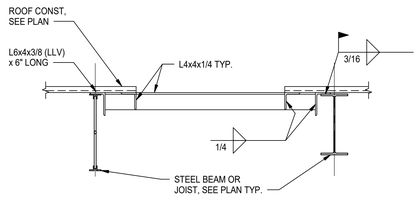
A. INTERIOR STEEL	SHOP PRIMER
B. EXTERIOR STEEL	HOT DIP GALVANIZED

19. STRUCTURAL STEEL SHALL BE INSPECTED IN THE FIELD BY AN INDEPENDENT TESTING AGENCY APPROVED BY THE ARCHITECT/ENGINEER AND PAID FOR BY THE OWNER.
20. SHOP DRAWINGS SHOWING ALL PLANS, SECTIONS, AND DETAILS NECESSARY FOR THE PROPER PLACEMENT AND CONNECTION OF ALL STRUCTURAL STEEL, SHEAR STUDS, STEEL JOISTS, AND JOIST GIRDERS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW AND COMMENT PRIOR TO FABRICATION AND ERECTION.
21. ALL CONNECTIONS SHALL BE DESIGNED BY THE FABRICATOR AND INCLUDE CALCULATIONS SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION.



COLUMN BEARING ON BEAM - ROUND HSS OR PIPE — A / S-001

3/4" = 1'-0"



ROOF OPENING SUPPORT - DROP-IN FRAME — B / S-001

3/4" = 1'-0"

NOTES:
1. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.
2. UNIT TO BE SHOP ASSEMBLED AND FIELD WELDED TO FRAMING.
3. THIS DETAIL SHALL APPLY FOR ALL OPENINGS GREATER THAN 12" SQUARE. IF ROOF OPENING IS 12" SQUARE OR LESS, PROVIDE 16 GA MATERIAL 1'-0" WIDE AROUND OPENING PERIMETER AND SCREWED TO DECK.

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CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

GENERAL NOTES AND TYPICAL DETAILS

100% CD

4/16/2025

SHEET S-001

21 OF 44

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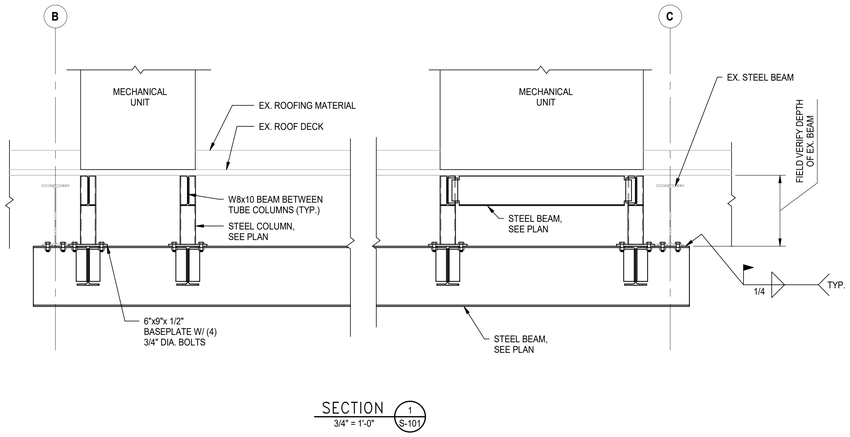
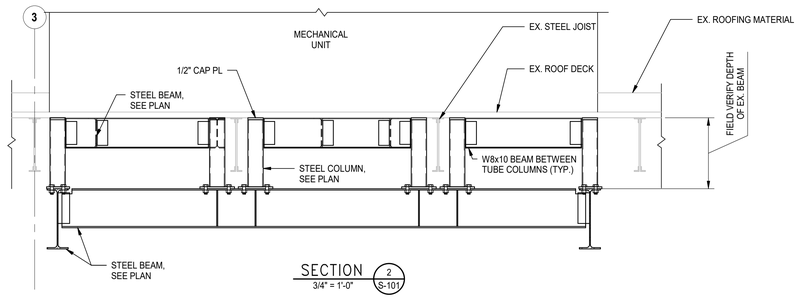
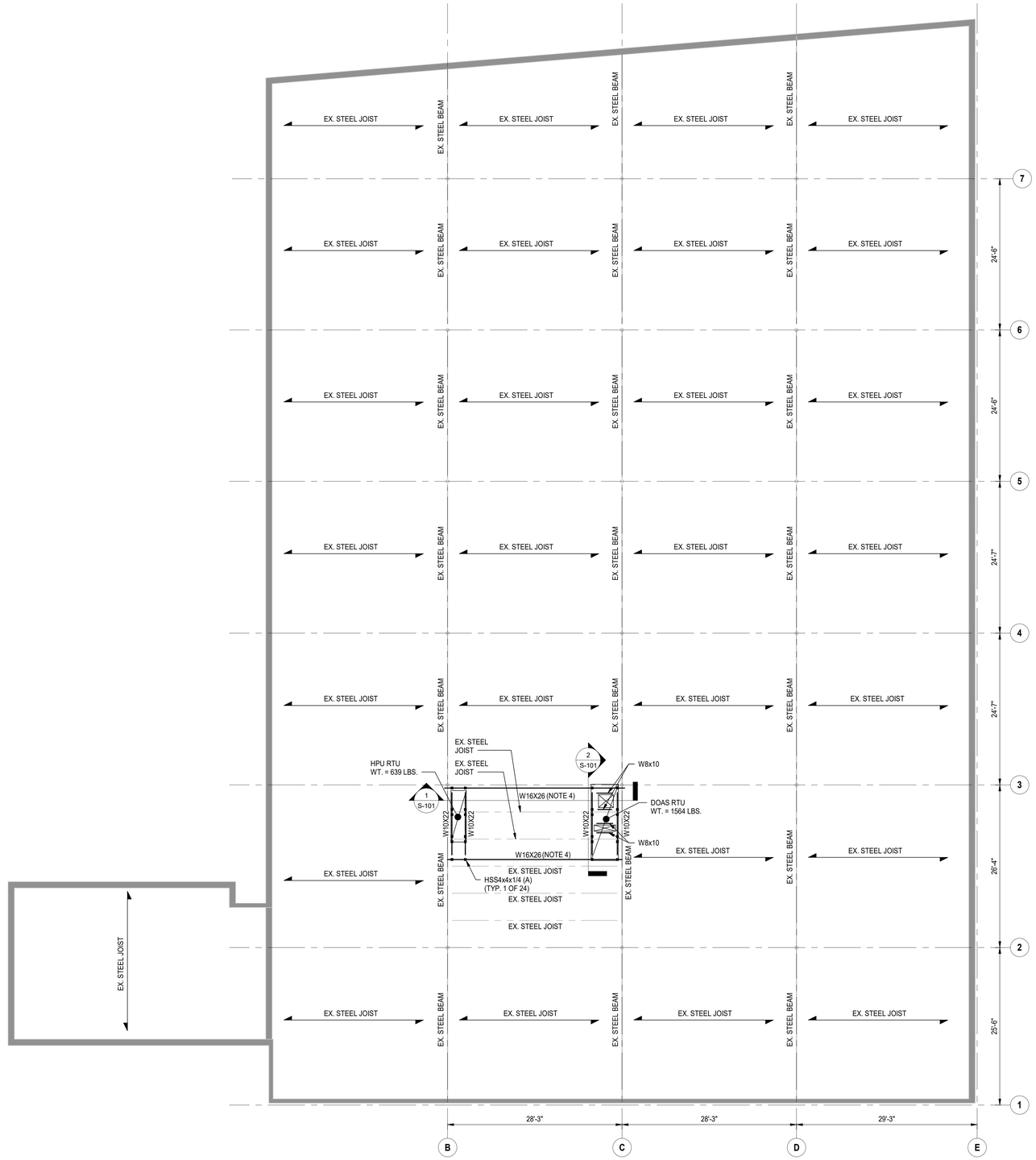


SECTION 1/S-101
3/4" = 1'-0"



SECTION 2/S-101
3/4" = 1'-0"



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

ROOF FRAMING NOTES:

1. FOR RTU SUPPORT FRAMING SEE TYPICAL DETAILS. MAXIMUM WEIGHTS OF RTU's ARE INDICATED ON PLAN. CONTACT ENGINEER, PRIOR TO FABRICATION, IF FINAL UNIT LOCATIONS OR WEIGHTS DIFFER FROM THOSE ON PLAN.
2. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL OPENINGS AND PENETRATIONS WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS, U.N.O.
3. FOR ADDITIONAL INFORMATION AND REQUIREMENTS REFER TO THE GENERAL NOTES, TYPICAL DETAILS, AND SCHEDULES.
4. STEEL BEAM TO BE ATTACHED TO UNDERSIDE OF EXISTING STEEL BEAM. CONTRACTOR TO FIELD VERIFY DEPTH OF EXISTING BEAM PRIOR TO FABRICATION.

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SEAL

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER: #21155 EXPIRATION DATE: 3-13-2024

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

ROOF FRAMING PLAN AND SECTIONS

100% CD
4/16/2025

SHEET S-101

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MECHANICAL SYMBOLS AND ABBREVIATIONS

SYMBOL	DESCRIPTION
	TURNING VANES
	VOLUME DAMPER
FD	FIRE DAMPER
FSD	FIRE/SMOKE DAMPER
	SMOKE DETECTOR (BY EC)
	MOTOR OPERATED DAMPER
T	DUCTWORK TEMPERATURE SENSOR
H	DUCTWORK HUMIDITY SENSOR
SP	DUCTWORK STATIC PRESSURE SENSOR
	SUPPLY DUCT
	RETURN OR EXHAUST DUCT
H	HUMIDISTAT/HUMIDITY SENSOR
H	HUMIDISTAT/HUMIDITY SENSOR
H	HUMIDISTAT/HUMIDITY SENSOR
T	THERMOSTAT/TEMPERATURE SENSOR
UCD	UNDERCUT DOOR
	AIRFLOW DIRECTION
DP	PIPING DIFFERENTIAL PRESSURE SENSOR
	BALANCING VALVE
	BACKFLOW PREVENTER
	CHECK VALVE
	CONTROL VALVE (2-WAY)
	CONTROL VALVE (3-WAY)
	PRESSURE REDUCING VALVE
	REMOVE TO POINT AND CAP
	REMOVE TO POINT FOR RECONNECTION
	SHUT OFF VALVE
	STEAM TRAP
	Y-STRAINER WITH BLOW DOWN
	UNION
	PIPE BRANCH TAKE-OFF FROM BOTTOM
	PIPE BRANCH TAKE-OFF FROM TOP
	PIPE DROP
	PIPE RISE
	CONNECT TO EXISTING
	DISCONNECT FROM EXISTING
ETR	EXISTING TO REMAIN
(E)	EXISTING
TYP	TYPICAL

MECHANICAL SYMBOLS AND ABBREVIATIONS

SYMBOL	DESCRIPTION
FOR	FUEL OIL RETURN PIPING
FOS	FUEL OIL SUPPLY PIPING
FOV	FUEL OIL VENT PIPING
HWR	HEATING WATER RETURN PIPING
HWS	HEATING WATER SUPPLY PIPING
LPR	LOW PRESSURE CONDENSATE RETURN PIPING
LPS	LOW PRESSURE STEAM PIPING
PCD	PUMPED AC CONDENSATE DRAIN PIPING
PSC	PUMPED STEAM CONDENSATE
RG	REFRIGERANT GAS PIPING
RHGB	REFRIGERANT HOT GAS BYPASS PIPING
RHWR	RADIATION HEATING WATER RETURN PIPING
RHWS	RADIATION HEATING WATER SUPPLY PIPING
RL	REFRIGERANT LIQUID PIPING
RS	REFRIGERANT SUCTION PIPING
RV	REFRIGERANT VENT PIPING
SBD	SURFACE BLOWDOWN PIPING
SE	SAFETY ESCAPE VALVE PIPING (STEAM)
CWR	CONDENSER WATER RETURN PIPING
CWS	CONDENSER WATER SUPPLY PIPING
SHWR	SECONDARY HEATING WATER RETURN PIPING
SHWS	SECONDARY HEATING WATER SUPPLY PIPING
SMR	SNOW MELT RETURN PIPING
SMS	SNOW MELT SUPPLY PIPING
SW	SOFTENED WATER PIPING
SV	STEAM VENT PIPING
CD	AC CONDENSATE DRAIN PIPING
CF	CHEMICAL FEED PIPING
D	DRAIN PIPING
RG	RETURN GRILLE
SR	SUPPLY REGISTER
EG	EXHAUST GRILLE
SG	SUPPLY GRILLE

NOTE: NOT ALL SYMBOLS USED.

EQUIPMENT TAGGING LEGEND

EQUIPMENT DESIGNATION	TAGGING DESCRIPTION
S,R,E,T	XX-XX: EQUIPMENT DESIGNATION, TYPE, DUCT CONNECTION SIZE. SEE GRILLE AND DIFFUSER SCHEDULE FOR ADDITIONAL INFORMATION. XXX(X): QUANTITY, CFM
ADU, CB, CONV, CUH, ECH, EH, EUH, FCU, FFU, GUH, PTAC, UH, UV, WHP	XXX-X-X: EQUIPMENT DESIGNATION, PLAN DESIGNATION, TYPE
FTR, RP	XXX-X-X'X": EQUIPMENT DESIGNATION, LENGTH, TYPE
ACC, ACH, ACU, AHU, AS, B, BDE, BDS, BT, CC, CH, CRAC, CT, CTP, CU, CUA, CUW, DA, DC, DF, DT, EACC, ECUA, ECUC, ECUW, EF, EHC, ERC, ERU, ERV, ET, F, FOP, GV, H, HC, HE, HVU, HX, MAU, P, PRV, RTU, SAT, SEP, ST	XXX-X: EQUIPMENT DESIGNATION, PLAN DESIGNATION
EAV, FPVAV, HAV, RHC, SAV, VAV	XXX-X-X: EQUIPMENT DESIGNATION, PLAN DESIGNATION, FLOOR
VFD	VFD-XX-XXXX: SERVICING EQUIPMENT MARK, SPECIFIC COMPONENT DESIGNATION

RISER DESIGNATION LEGEND

RISER DESIGNATION	TAGGING DESCRIPTION
RC #	REFRIGERANT RISER CHASE
CD #	GARAGE EXHAUST
OA #	OUTSIDE AIR
TRE #	TRASH ROOM EXHAUST

VENTILATION SCHEDULE

ROOM NUMBER	ROOM NAME	AREA FT2 AZ	AREA OA RATE	AREA OA RaAz	OCCUPANT DENSITY PEOPLE/1000	OCCUPANCY PZ	OCCUPANT OA RATE RP	OCCUPANT OA RATE RpPz	BREATHING ZONE OA VBZ	ZA DIST EFFECTIVNE SS Ez	ZONE OA Voz	SA DESIGN Vpz	OA FRACTION REQ'D Zp	OA FRACTION PROVIDED	VENT CFM PROVIDED	PASS/FAIL	EXHAUST CFM/SF REQUIRED	EXHAUST REQUIRED EXHAUST	EXHAUST EXHAUST PROVIDED
107	Spin Studio 107	473	0.06	28.4	40	19	20	380.0	408.4	1	408	410.0	99.5%	100.0%	410.0	PASS		0	
107c	Spin Studio Cor	135	0.06	8.1	0	0	0	0.0	8.1	1	8	10.0	80.0%	100.0%	10.0	PASS		0	
109	Fitness 109	1293	0.06	77.6	10	13	20	260.0	337.6	1	338	338.0	100.0%	100.0%	338.0	PASS		0	
109c	Fitness Cor	282	0.06	16.9	0	0	0	0.0	16.9	1	17	17.0	100.0%	100.0%	17.0	PASS		0	
105	Corridor	431	0.06	25.9	0	0	0	0.0	25.9	1	26	50.0	52.0%	100.0%	450.0	PASS		0	
106	Corridor	780	0.06	46.8	0	0	0	0.0	46.8	1	47	60.0	78.3%	100.0%	200.0	PASS		0	
103	Jan	14	0	0.0	0	0	0	0.0	0.0	1	0	1.0	0.0%	100.0%	0.0	PASS	1	14	25
108	Jan	14	0	0.0	0	0	0	0.0	0.0	1	0	1.0	0.0%	100.0%	0.0	PASS	1	14	25
117	Jan	15	0	0.0	0	0	0	0.0	0.0	1	0	1.0	0.0%	100.0%	0.0	PASS	1.00	15	25
112	Jan	19	0	0.0	0	0	0	0.0	0.0	1	0	1.0	0.0%	100.0%	0.0	PASS	1.00	19	25
113	Mens Locker Room	1836	0	0.0	0	0	0	0.0	0.0	1	0	1.0	0.0%	100.0%	0	PASS	0.25	459	460
116	Womens Locker Room	457	0	0.0	0	0	0	0.0	0.0	1	0	1.0	0.0%	100.0%	0	PASS	0.25	114	120
101	Mens	275	0	0.0	0	0	0	0.0	0.0	1	0	1.0	0.0%	100.0%	0	PASS	N/A	140	140
104	Womens	275	0	0.0	0	0	0	0.0	0.0	1	0	1.0	0.0%	100.0%	0	PASS	N/A	140	140
110	Mens T&S	295	0	0.0	0	0	0	0.0	0.0	1	0	1.0	0.0%	100.0%	0	PASS	N/A	210	210
114	Womens T&S	342	0	0.0	0	0	0	0.0	0.0	1	0	1.0	0.0%	100.0%	0	PASS	N/A	190	190
	COMBINED AREA										844	885.0	95.4%	100.0%	1425	PASS		1315	1360

GENERAL NOTES

1. ALL WORK AND EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE LAWS, CODES, ETC., OF ALL AUTHORITIES HAVING JURISDICTION, INCLUDING BUT NOT LIMITED TO: THE INTERNATIONAL MECHANICAL CODE, THE LOCAL FIRE MARSHAL, UNDERWRITERS LABORATORY (UL), IRI, FM, OSHA, AND THE NATIONAL ELECTRICAL CODE (NEC). MODIFICATIONS REQUIRED BY THE ABOVE SAID AUTHORITIES TO BRING THE SPACE UNDER CONTRACT UP TO CODE SHALL BE MADE WITHOUT ADDITIONAL CHARGE. WHERE CONTRACT DOCUMENT REQUIREMENTS ARE IN EXCESS OF CODE REQUIREMENTS, THE CONTRACT DOCUMENTS SHALL GOVERN. DEVIATIONS FROM THE CONTRACT DOCUMENTS REQUIRED BY THE ABOVE AUTHORITIES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
2. ALL SPECIFICATIONS AND DRAWINGS, I.E., ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL ARE COMPLIMENTARY AND MUST BE USED IN COMBINATION TO OBTAIN COMPLETE CONSTRUCTION INFORMATION. ANY INFORMATION CONFLICTS WITHIN THE SPECIFICATIONS AND DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION.
3. CONTRACTOR SHALL VERIFY ALL POINTS OF CONNECTION BEFORE COMMENCING WORK. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES.
4. A SET OF MEP RECORD/COORDINATION DRAWINGS SHALL BE MAINTAINED IN THE GENERAL CONTRACTORS OFFICE AT THE JOB SITE. ACTUAL LOCATIONS OF ALL EQUIPMENT, PIPING, DUCTWORK, ETC., AND ALL DEVIATIONS OF THE WORK FROM THAT SHOWN ON THE CONTRACT DOCUMENTS SHALL BE MARKED ON THE RECORD/ COORDINATION DRAWINGS. EACH TRADE SHALL REVIEW THE COORDINATION DRAWINGS AND RESOLVE ANY POTENTIAL CONFLICTS WITH OTHER TRADES PRIOR TO INSTALLING ANY PORTION OF THEIR WORK. CONTRACTOR SHALL NOT CORE, DRILL, OR CUT CONCRETE SLABS FOR ANY REASON WITHOUT THE KNOWLEDGE AND WRITTEN CONSENT OF THE STRUCTURAL ENGINEER AND THE OWNER.
5. WORK SHALL BE EXECUTED IN A GOOD WORKMANLIKE MANNER USING MECHANICS SKILLED IN THEIR RESPECTIVE TRADES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES FOR COORDINATING THE WORK UNDER THIS CONTRACT. MAINTAIN THE CONSTRUCTION PREMISES IN A NEAT AND ORDERLY CONDITION AT THE END OF EACH WORKING DAY.
6. IN CASES OF DOUBT AS TO THE WORK INTENDED, OR IN THE EVENT OF NEED FOR EXPLANATION THEREOF, THE CONTRACTOR SHALL REQUEST SUPPLEMENTARY INSTRUCTIONS FROM THE ENGINEER. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK, WHICH HE EXPECTS ADDITIONAL COMPENSATION WITHOUT WRITTEN AUTHORIZATION FROM THE APPROPRIATE AUTHORITY. FAILURE TO OBTAIN SUCH AUTHORIZATION SHALL INVALIDATE ANY CLAIM FOR THE EXTRA COMPENSATION.
7. CONTRACTOR SHALL PROVIDE ALL STARTERS, CONTACTORS, CONTROLLERS, DISCONNECTS AND VARIABLE FREQUENCY DRIVES TO PROVIDE FULLY FUNCTIONAL SYSTEMS CONTRACTOR SHALL VERIFY ALL VOLTAGE AND POWER REQUIREMENTS AND COORDINATE WITH ELECTRICAL CONTRACTOR. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
8. CONTRACTOR SHALL VERIFY THAT THE LOCATION OF CEILING MOUNTED DIFFUSERS, GRILLES, AND REGISTERS SHOWN ON THE DRAWINGS ARE ACCEPTABLE TO THE ARCHITECT AND COMPATIBLE WITH THE CEILING SYSTEMS PRIOR TO INSTALLATION.
9. CONTRACTOR SHALL MAKE ALL FINAL EQUIPMENT CONNECTIONS AND PROVIDE THE NECESSARY ADAPTORS, FITTINGS, VALVES, DEVICES, ETC. FOR A COMPLETE AND OPERABLE SYSTEM. COORDINATE REQUIREMENT FOR PROVISION OF MOTOR STARTERS, DISCONNECTS, CONTACTORS, CONTROL WIRING, ETC. AS REQUIRED FOR PROPER FUNCTIONING SYSTEM.
10. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO INSTALL THE HEATING, VENTILATION AND AIR CONDITIONING SYSTEM SO AS TO ENSURE QUIET OPERATION. NO VIBRATION OR SOUND SHALL BE TRANSMITTED TO THE BUILDING, STRUCTURE OR OCCUPIED AREAS. THE DECISION OF THE ENGINEER AS TO THE QUIETNESS OF THE SYSTEM AND EQUIPMENT SHALL BE FINAL. IT SHALL BE THIS CONTRACTORS RESPONSIBILITY TO CORRECT OR REPLACE ANY NOISY SYSTEM OR EQUIPMENT AS REQUIRED.
11. CONNECTIONS BETWEEN DISSIMILAR PIPING MATERIALS SHALL BE MADE WITH SUITABLE DIELECTRIC INSULATING UNIONS. ISOLATE COPPER PIPING FROM DISSIMILAR METALS, SUCH AS METAL STUDS AND VENT PIPING.
12. PROVIDE VALVES AND UNIONS WHERE NEEDED TO PERMIT DISCONNECTION OF EACH PIECE OF EQUIPMENT FOR REPAIRS.
13. ALL AIR HANDLING UNIT MAIN SUPPLY DUCT RUNS SHALL BE PROVIDED WITH A MINIMUM OF ONE TEST PORT WITH PLUG FOR TESTING USE ONLY, ENSURE PLUGS ARE ACCESSIBLE. ALL AIR HANDLING UNIT SUPPLY DUCT BRANCHES SHALL BE INSTALLED A MINIMUM OF 6-INCHEHS CLEAR FROM ALL SUPPLY PLENUM CAPS.
14. ALL PRODUCTS LOCATED WITHIN PLENUM AREAS, INCLUDING BUT NOT LIMITED TO INSULATION AND ADHESIVE SYSTEMS, SHALL HAVE A COMPOSITE FIRE HAZARD RATING NOT TO EXCEED 25 FLAME SPREAD AND 50 SMOKE DEVELOPED AS DETERMINED BY THE APPLICABLE UL OR ASTM STANDARD.
15. CONTRACTOR SHALL PROVIDE A CONFORMANCE SUMMARY LISTING ALL EXCEPTIONS, DEVIATIONS, CLARIFICATIONS OR ENHANCEMENTS TO THE SPECIFICATIONS ON A SUBPARAGRAPH BY SUBPARAGRAPH BASIS. SUBMITTALS SUBMITTED WITHOUT THIS SUMMARY WILL BE RETURNED "REJECTED."
16. CONTRACTOR SHALL SUPPLY AND INSTALL ALL APPROPRIATE VIBRATION ISOLATION FOR ALL MOUNTED MECHANICAL EQUIPMENT, INDICATED ON PLANS, TO PREVENT THE TRANSMISSION OF VIBRATION AND SOUND TO THE BUILDING STRUCTURE. REFER TO SPECIFICATIONS FOR REQUIREMENTS.
17. THE CONTRACTOR SHALL LOCATE ALL EQUIPMENT IN FULLY ACCESSIBLE POSITION. EQUIPMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, VALVES, CONTROLS, CLEANOUTS, MOTORS, CONTROLLERS, DRAIN POINTS, ETC. IF REQUIRED FOR ACCESSIBILITY. CONTRACTOR SUPPLY AND INSTALL ACCESS DOORS FOR THIS PURPOSE. MINOR DEVIATIONS FROM DRAWING MAY BE TO ALLOW FOR BETTER ACCESSIBILITY, AND ANY CHANGE FOR THAT PURPOSE SHALL BE SUBMITTED FOR APPROVAL. LOCATIONS FOR ALL ACCESS PANELS SHALL BE APPROVED BY THE ARCH. PRIOR TO INSTALATION.
18. UNLESS OTHERWISE SPECIFICALLY MENTIONED, ALL ANCHORS, BOLTS, SCREWS, FITTINGS, FILLER, HARDWARE, ACCESSORIES, TRIM AND OTHER PARTS REQUIRED FOR, OR IN CONNECTION WITH, AN ITEM OR MATERIAL TO MAKE A COMPLETE, SERVICEABLE, FINISHED AND FIRST QUALITY INSTALLATION SHALL BE FURNISHED AND INSTALLED AS PART OF THE ITEM OR MATERIAL, WHETHER CALLED FOR OR NOT.
19. UNLESS OTHERWISE SPECIFICALLY MENTIONED, ALL ITEMS AND PARTS THEREOF THAT ARE MADE OF STEEL, IRON OR OTHER FERROUS METAL THAT ARE NOT GALVANIZED, PLATED OR OTHERWISE SPECIFIED TO BE FACTORY FINISHED, SHALL BE CLEANED AND PAINTED WITH ONE COAT OF THE BEST QUALITY RUST INHIBITIVE METALLIC PRIMER. AFTER INSTALLATION, ALL EXPOSED METAL CONNECTIONS AND ABRASION SHALL BE TOUCHED-UP WITH THE SAME METAL MATERIAL AS THE SHOP COAT AND LEFT IN GOOD CONDITION FOR FINAL FINISHING, IF REQUIRED.
20. ALL ITEMS SHALL BE INSTALLED IN A WORKMANLIKE MANNER IN STRICT ACCORDANCE WITH CODE AND THE BEST RECOGNIZED PRACTICE IN THE FIELD CONCERNED. EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PRINTED DIRECTIONS. SPECIFICATIONS AND/OR WRITTEN RECOMMENDATIONS FOR AN INSTALLATION OF HIGHEST QUALITY. ALL WORKING PARTS SHALL BE PROPERLY ADJUSTED AFTER INSTALLATION AND LEFT IN PERFECT WORKING ORDER. ITEMS IN ALL CASES SHALL BE INSTALLED PLUMB, TRUE AND IN PROPER RELATIONSHIP TO SURROUNDING MATERIAL.
21. DIVISION 23 DOCUMENTS INDICATE REQUIRED SYSTEMS INTENT AND DO NOT SHOW ALL PIPING AND DUCTWORK OFFSETS REQUIRED. CONTRACTOR AS PART OF THE COMPOSITE COORDINATION DOCUMENTS SHALL SHOW OFFSETS AND RELATED ADDITIONAL APPURTENANCES REQUIRED TO MEET THE SYSTEM INTENT.
22. SUPPLY AND INSTALL SLEEVES WITH NONCOMBUSTIBLE MATERIAL AROUND PIPES WHICH PENETRATE WALLS OR FLOORS. PACKING SHALL RETAIN ORIGINAL RATING OF WALL OR FLOOR PENETRATED. WHERE SLEEVES ARE TO BE CUT AND PATCHED CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND SHALL OBTAIN WRITTEN PERMISSION OF ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
23. CONTRACTOR SHALL FURNISH AND INSTALL FLEXIBLE CONNECTION IN DUCTWORK FOR ALL MOTORIZED MECHANICAL EQUIPMENT, i.e. FANS, AHU'S, ETC., TO PREVENT THE TRANSITION OF VIBRATION TO THE BUILDING STRUCTURE.
24. BALANCE THE SPECIFIED MECHANICAL SYSTEMS USING CAPACITIES AS INDICATED ON THESE DRAWINGS.
25. PROVIDE DUCT MOUNTED SMOKE DETECTORS IN SUPPLY AND RETURN TO ALL AHU'S, A/C UNITS AND MAU'S. COORDINATE LOCATIONS WITH PLANS AND PER CODE.
26. PROVIDE ALL AHU'S, FCU'S AND MISCELLANEOUS EQUIPMENT WITH CONDENSATE DRAIN TRAP (SEE DETAIL.) AND HIGH LEVEL CONDENSATE DRAIN SENSOR IN SECONDARY DRAIN PAN INTERLOCKED TO SHUT-DOWN UNITS. PROVIDE ALL HORIZONTAL DUCTED AHU'S WITH CONDENSATE PUMPS CAPABLE OF MINIMUM 12' OF LIFT.
27. ALL DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE "DUCT MANUAL AND SHEET METAL CONSTRUCTION FOR VENTILATING AND AIR CONDITIONING SYSTEMS," PUBLISHED BY THE "SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION INC. (SMACNA)." VOLUME DAMPERS SHALL BE PROVIDED IN ALL BRANCH TAKE OFFS, SPIN-INS AND OTHER CONNECTIONS TO SUB-BRANCHES FROM MAINS. ALL 90 DEGREE ELBOWS SHALL BE RADIUS, OR RECTANGULAR WITH TURNING VANES . DUCTWORK SHALL BE HUNG FROM THE BUILDING STRUCTURE WITH HANGER ASSEMBLIES IN ACCORDANCE WITH "SMACNA" REQUIREMENTS. ALL DUCT, REGARDLESS OF PRESSURE CLASS, SHALL BE SEALED PER SMACNA CLASS "A" REQUIREMENTS.
28. ALL DIMENSIONS ON DUCTWORK INDICATED ON THESE DRAWINGS SHALL BE IN INCHES UNLESS OTHERWISE NOTED.
29. ALL AUTOMATIC TEMPERATURE CONTROL SYSTEM WORK AND INSPECTION SHALL BE ACCOMPLISHED BY THIS CONTRACTOR. ALL DAMAGED, DEFECTIVE, MISSING, OR INAPPROPRIATE DEVICES SHALL BE REPAIRED OR REPLACED AS REQUIRED. THERMOSTATS SHALL BE INSTALLED AS SHOWN ON THE DRAWINGS UNDER THIS CONTRACT. STANDARD MOUNTING HEIGHT TO TOP OF THERMOSTAT IS 48" ABOVE FINISHED FLOOR OR AS INDICATED ON THE ARCHITECTURAL DRAWINGS. DO NOT INSTALL THERMOSTATS NEAR DIMMER SWITCHES. WIRING OF ALL MOTORIZED OPERATORS AND THERMOSTATS (REGARDLESS OF VOLTAGE) ARE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.
30. PROVIDE ACCESS DOORS TO ALL FIRE DAMPERS WHETHER SHOWN OR NOT. PLACE FIRE DAMPERS IN ACCESSIBLE LOCATIONS.
31. PROVIDE MANUAL BALANCING DAMPER PER DETAILS AT ALL SUPPLY DUCT DISCHARGE FROM AHU, RETURN AND TOILET EXHAUST DUCT RUN-OUTS.
32. ALL EXPOSED PIPING SUBJECT TO FREEZING SHALL BE HEAT TRACED AND INSULATED.
33. ALL REFRIGERANT PIPING SHALL BE SUPPORTED TIGHT TO UNDERSIDE OF STRUCTURE.
34. ALL REFRIGERANT PIPING SHALL BE INSULATED. PROVIDE PROTECTION FOR PIPING AND PIPING INSULATION EXPOSED TO THE OUTSIDE.
35. ACCESS PANEL SHALL BE PROVIDED FOR HORIZONTAL AIR HANDLERS ABOVE CEILINGS.
36. CONTRACTOR SHALL MAINTAIN AND PROVIDE AS-BUILT DRAWINGS AT COMPLETION OF WORK.
37. CONTRACTOR SHALL PROVIDE A COMPLETE SET OF OPERATION AND MAINTENANCE MANUAL IN 3-RING BINDERS TO INCLUDE THE APPROVED SUBMITTALS AND SHOP DRAWINGS.
38. ALL DUCTS SHOWN SHALL BE CONCEALED ABOVE CEILING AT ALL LOCATIONS UNLESS OTHERWISE NOTED.
39. SEAL SEAMS OF ALL INTAKE AND EXHAUST DUCTWORK WITH MASTIC.
40. DUCT ALL EXHAUST FANS AND EXHAUST DUCTWORK WITH RIGID DUCT.
41. THE HVAC CONTRACTOR SHALL PROVIDE VERIFICATION THAT BOTH THE HVAC CONTRACTOR AND FUNCTIONAL TESTING AGENT ARE PROPERLY CREDENTIALED.
42. PROTECT ALL DUCTS, COILS, EQUIPMENT DURING CONSTRUCTION.
43. ALL HVAC FILTERS SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS.
44. SEAL ALL PENETRATIONS.
45. CONTRACTOR SHALL FIELD VERIFY THE PROPER REFRIGERANT CHARGE FOR ALL HEAT PUMP AND VRF SYSTEMS.
46. ALL INSTALLED FLEX DUCT RUNS SHALL BE PULLED WITH NO PINCHES AND SUPPORTED AT INTERVALS OF 5-FEET OR LESS.
47. REFRIGERANT CIRCUIT ACCESS PORTS LOCATED OUTDOORS SHALL BE SECURED TO COMPLY WITH IMC CHAPTER 11, REFRIGERANTION, SECTION 1101.10 LOCKING ACCESS PORT CAPS.
48. APPLY ANTI MICROBIAL PROVISIONS TO RETURN / ENERGY RECOVERY EXHAUST AIR DUCTWORK PER MANUFACTURER INSTURCTION AND RECOMENDATIONS.

CONSULTANTS

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SEAL

4/11/2025

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT
INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

MECHANICAL DATA SHEET

100% CD

04/16/25

SHEET M001

23 OF 44

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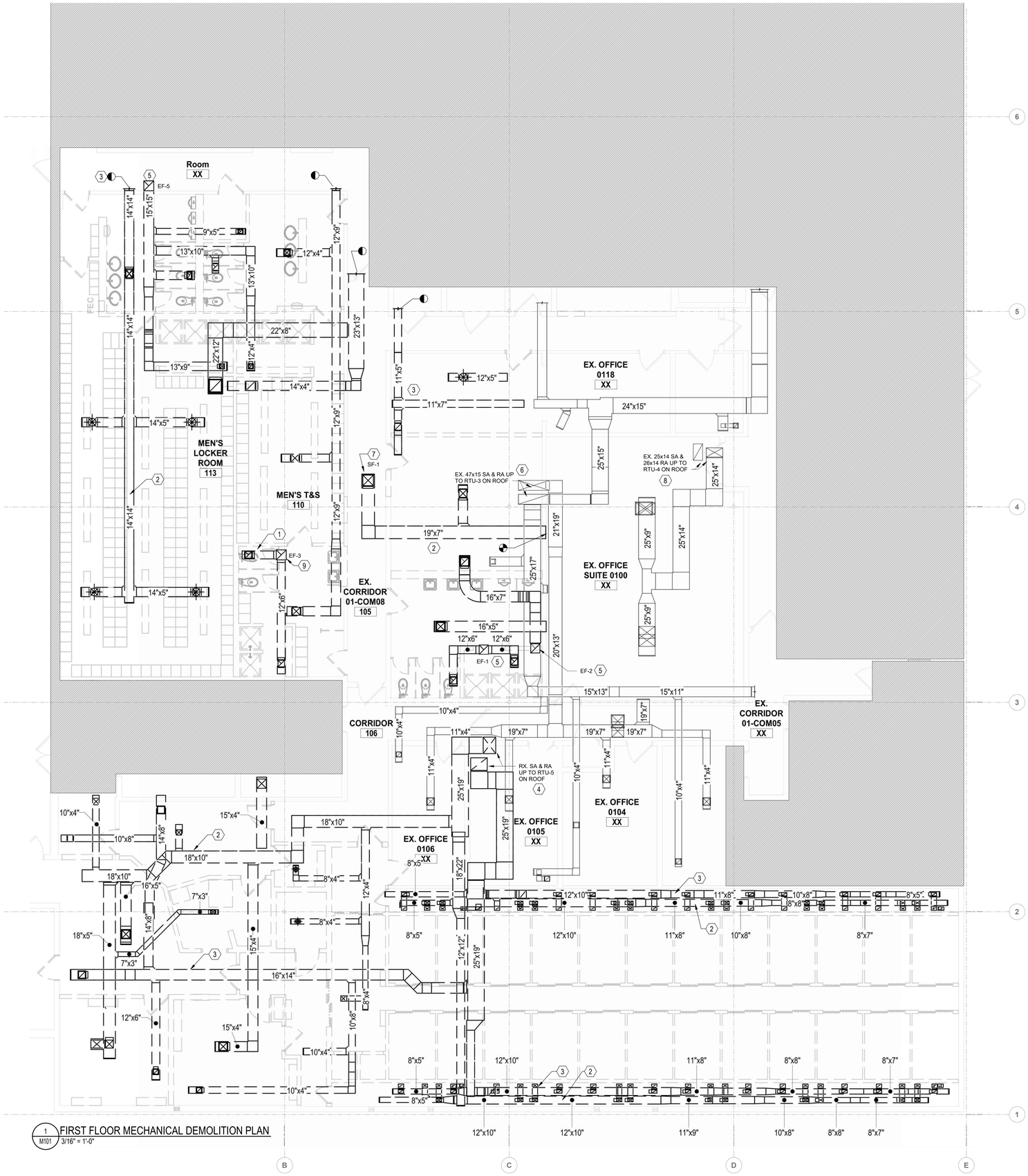

1 M101 FIRST FLOOR MECHANICAL DEMOLITION PLAN
3/16" = 1'-0"

MECHANICAL DEMOLITION KEYNOTES

1	DISCONNECT AND REMOVE ALL EXHAUST AIR DUCTWORK, GRILLES, REGISTERS, DAMPERS, SUPPORTS, ACCESSORIES, ETC. IN THIS AREA UP TO THE POINT OF DISCONNECT. CAP-OFF EXISTING DUCT AT POINT OF DISCONNECT AND REBALANCE THE REMAINING AIR DISTRIBUTION SYSTEM WHETHER SHOWN OR NOT.
2	DISCONNECT AND REMOVE ALL SUPPLY AIR DUCTWORK, GRILLES, DIFFUSERS, REGISTERS, DAMPERS, SUPPORTS, ACCESSORIES, ETC. IN THIS AREA UP TO THE POINT OF DISCONNECT. CAP-OFF EXISTING DUCT AT POINT OF DISCONNECT AND REBALANCE THE REMAINING AIR DISTRIBUTION SYSTEM WHETHER SHOWN OR NOT.
3	DISCONNECT AND REMOVE ALL RETURN AIR DUCTWORK, GRILLES, DIFFUSERS, REGISTERS, DAMPERS, SUPPORTS, ACCESSORIES, ETC. IN THIS AREA UP TO THE POINT OF DISCONNECT. CAP-OFF EXISTING DUCT AT POINT OF DISCONNECT AND REBALANCE THE REMAINING AIR DISTRIBUTION SYSTEM WHETHER SHOWN OR NOT.
4	DISCONNECT AND REMOVE ROOF TOP UNIT AND ALL ASSOCIATED DUCTWORK, PIPING, ROOF CURBS, CONTROLS, ETC. IN THEIR ENTIRETY. EXISTING OPENING TO BE RE-USED DURING NEW CONSTRUCTION. TEMPORARILY PATCH AND WEATHERPROOF THE OPENING SUCH THAT SNOW AND RAIN DOES NOT PENETRATE INTO BUILDING DURING DEMO AND NEW WORK...
5	DISCONNECT AND REMOVE EXHAUST FAN AND ALL ASSOCIATED DUCTWORK, ROOF CURBS, CONTROLS, ETC. IN THEIR ENTIRETY. PATCH AND FINISH UNUSED ROOF OPENINGS TO MATCH WITH THE EXISITNG ROOF AND ANY EXISITNG WARRANTY.
6	EXISTING TO REMAIN ROOFTOP UNIT, ROOF CURBS, PIPING AND CONTROL. DEMO DUCT SYSTEM AS SHOWN ON DEMO AND NEW WORK MECHANICAL DRAWINGS. REBALANCE RTU AND ASSOCIATED AIR DISTRIBUTION SYSTEM PER THE DESIGN.
7	ETR SUPPLY FAN AND ASSOCIATED DUCTWORK. TEST EXISTING SYSTEM AIRFLOW AND RECORD. DEMOLISH GRILLES, REGISTER AND DIFFUSERS SERVING THE RENOVATED AREAS. REBALANCE PER NEW AIRFLOW.
8	ETR RTU AND ASSOCIATED DUCTWORK. NOT IN SCOPE
9	DISCONNECT AND REMOVE EXHAUST FAN AND ALL ASSOCIATED DUCTWORK, CONTROLS, ETC. IN THEIR ENTIRETY. ROOF CURB AND PENETRATION TO BE RE-USED DURING NEW CONSTRUCTION FOR NEW JANITOR EXHAUST FAN. TEMPORARILY PATCH AND WEATHERPROOF THE OPENING SUCH THAT RAIN AND SNOW DOES NOT PENETRATE INTO BUILDING DURING DEMO AND NEW CONSTRUCTION PHASE.

0' 2' 4' 8' 16' 24'
SCALE : 3/16" = 1'-0"

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SEAL
4/11/2025

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

FIRST FLOOR MECHANICAL DEMOLITION PLAN

100% CD
04/16/25

SHEET M101

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1 M102 ROOF MECHANICAL DEMOLITION PLAN
3/16" = 1'-0"

MECHANICAL DEMOLITION KEYNOTES	
1	DISCONNECT AND REMOVE ALL EXHAUST AIR DUCTWORK, GRILLES, REGISTERS, DAMPERS, SUPPORTS, ACCESSORIES, ETC. IN THIS AREA UP TO THE POINT OF DISCONNECT. CAP-OFF EXISTING DUCT AT POINT OF DISCONNECT AND REBALANCE THE REMAINING AIR DISTRIBUTION SYSTEM WHETHER SHOWN OR NOT.
2	DISCONNECT AND REMOVE ALL SUPPLY AIR DUCTWORK, GRILLES, DIFFUSERS, REGISTERS, DAMPERS, SUPPORTS, ACCESSORIES, ETC. IN THIS AREA UP TO THE POINT OF DISCONNECT. CAP-OFF EXISTING DUCT AT POINT OF DISCONNECT AND REBALANCE THE REMAINING AIR DISTRIBUTION SYSTEM WHETHER SHOWN OR NOT.
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5	DISCONNECT AND REMOVE EXHAUST FAN AND ALL ASSOCIATED DUCTWORK, ROOF CURBS, CONTROLS, ETC. IN THEIR ENTIRETY. PATCH AND FINISH UNUSED ROOF OPENINGS TO MATCH WITH THE EXISITNG ROOF AND ANY EXISITNG WARRANTY.
6	EXISTING TO REMAIN ROOFTOP UNIT, ROOF CURBS, PIPING AND CONTROL. DEMO DUCT SYSTEM AS SHOWN ON DEMO AND NEW WORK MECHANICAL DRAWINGS. REBALANCE RTU AND ASSOCIATED AIR DISTRIBUTION SYSTEM PER THE DESIGN.
7	ETR SUPPLY FAN AND ASSOCIATED DUCTWORK. TEST EXISTING SYSTEM AIRFLOW AND RECORD. DEMOLISH GRILLES, REGISTER AND DIFFUSERS SERVING THE RENOVATED AREAS. REBALANCE PER NEW AIRFLOW.
8	ETR RTU AND ASSOCIATED DUCTWORK. NOT IN SCOPE
9	DISCONNECT AND REMOVE EXHAUST FAN AND ALL ASSOCIATED DUCTWORK, CONTROLS, ETC. IN THEIR ENTIRETY. ROOF CURB AND PENETRATION TO BE RE-USED DURING NEW CONSTRUCTION FOR NEW JANITOR EXHAUST FAN. TEMPORARILY PATCH AND WEATHERPROOF THE OPENING SUCH THAT RAIN AND SNOW DOES NOT PENETRATE INTO BUILDING DURING DEMO AND NEW CONSTRUCTION PHASE.

0' 2' 4' 8' 16' 24'
SCALE : 3/16" = 1'-0"

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ROOF MECHANICAL DEMOLITION PLAN

100% CD

04/16/25

SHEET M102

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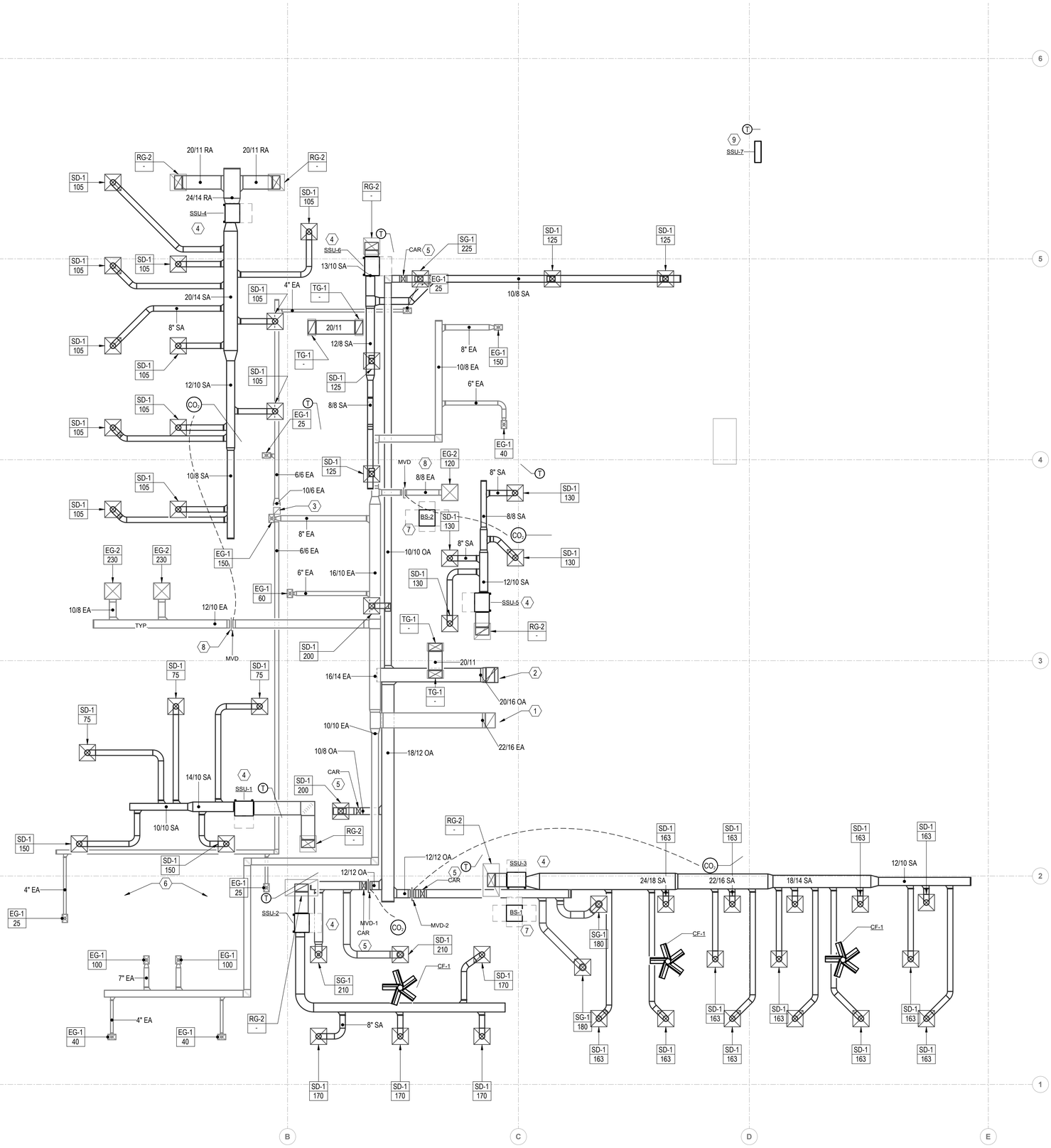

1 M201 FIRST FLOOR MECHANICAL PLAN
3/16" = 1'-0"

MECHANICAL NEW WORK KEYNOTES	
1	RA DUCT UP TO DOAS.
2	SA DOWN FROM DOAS.
3	DUCT UP TO ROOF MOUNTED EXHAUST FAN.
4	PROVIDE EACH NEW MECHANICAL UNITS, SSU-1 THROUGH 6 WITH CONDENSATE PUMP CAPABLE OF MINIMUM 12' OF HEAD. CONNECT CONDENSATE DRAIN FROM CONDENSATE DRAIN PUMP RISER TO NEAREST STORM. COORDINATE IN FIELD.
5	PROVIDE CONSTANT AIRFLOW REGULATOR ON ALL OUTDOOR AIR DUCT SUPPLIES TO ROOMS AND FCU'S. SIZE CAR PER SCHEDULE.
6	PROVIDE DOOR GRILLE/LOUVER WITH MINIMUM FREE AREA OF 0.75 SQUARE FEET.
7	BRANCH SELECTOR MOUNTED HIGH. ROUTE REFRIGERANT TO SPECIFIED UNITS IN SHORTEST POSSIBLE ROUTE WHILE MAINTAINING MANUFACTURER PIPING REQUIREMENTS.
8	ENSURE ACCESS IS PROVIDED TO MOTORIZED VOLUME DAMPER EITHER VIA ACCESS PANEL OR REMOVABLE CEILING GRILL. DAMPER CONTROLLED BY IN ROOM CO2 DETECTOR.
9	WALL MOUNTED MECHANICAL UNIT. MOUNT AND CENTER ABOVE DOOR. PROVIDE WITH CONDENSATE PUMP W/ MIN. 13' HEAD. ROUTE CONDENSATE TO NEAREST STORM DRAIN, DO NOT ROUTE PIPE ABOVE ELECTRICAL/IT EQUIPMENT.

CONSTANT AIRFLOW REGULATOR SCHEDULE

CFM RANGE	DUCT DIAMETER (ROUND)	WORKING PRESSURE (IN-WG)	CAR SIZE
0-35	4"	0.02 - 2.0	4" ROUND
36-55	5"	0.02 - 2.0	5" ROUND
56-95	6"	0.02 - 2.0	6" ROUND
96+	SEE PLAN	0.02 - 2.0	MATCH DUCT
BASIS OF DESIGN IS CAR-II OR RUSKIN			

MOTORIZED VOLUME DAMPER SCHEDULE

TAG	SERVES	FLOOR	MINIMUM OA	MAXIMUM OA
MVD	LOCKERS	1	CLOSED	FULL OPEN
MVD-1	SPIN STUDIO	1	40	420
MVD-2	FITNESS	1	100	360

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FIRST FLOOR MECHANICAL PLAN

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04/16/25

SHEET M201

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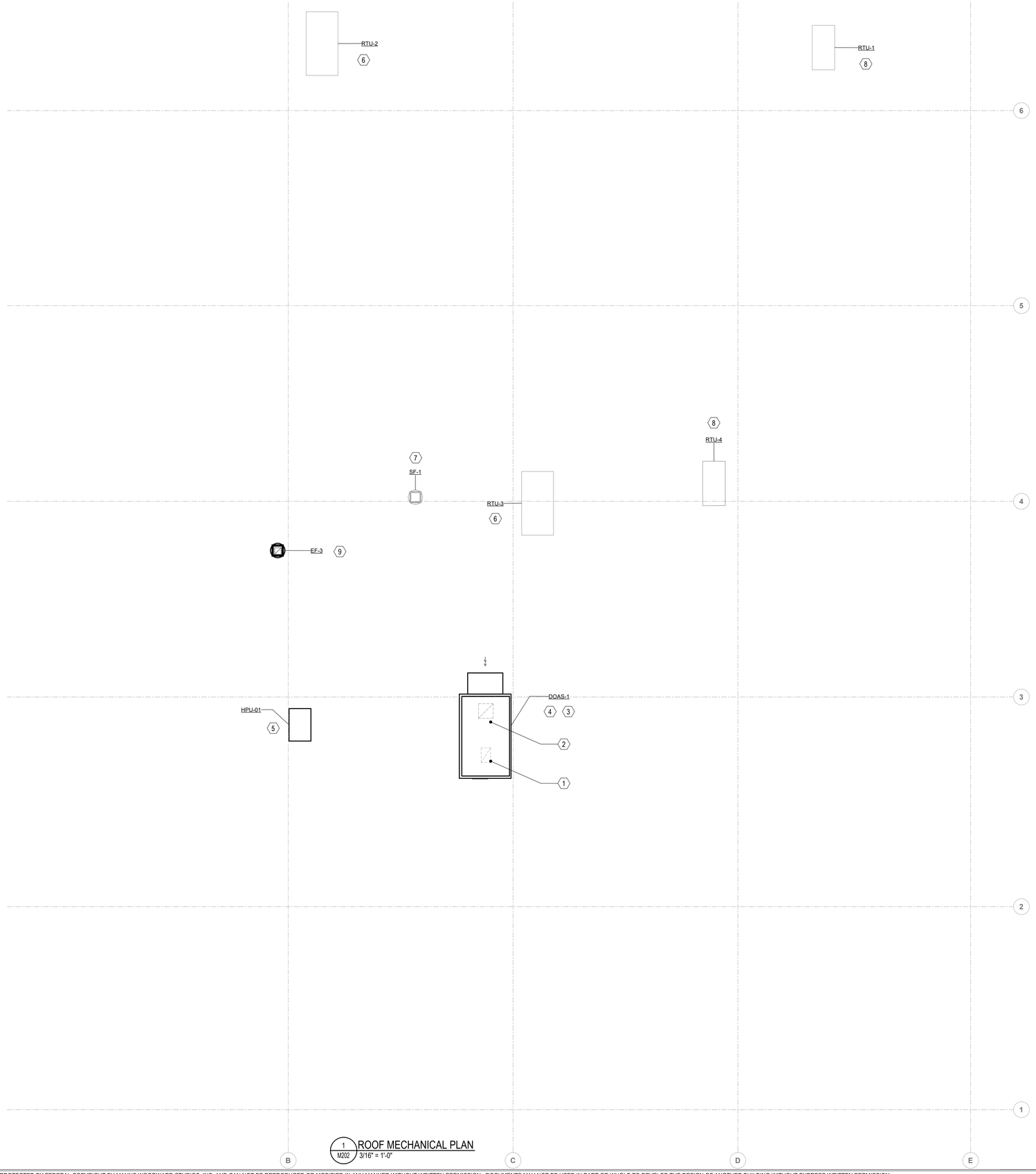

1 M202 ROOF MECHANICAL PLAN
3/16" = 1'-0"

MECHANICAL NEW WORK ROOF KEYNOTES	
1	RA DUCT UP TO DOAS.
2	SA DOWN FROM DOAS.
3	ROUTE CONDENSATE DRAIN TO NEAREST STORM / SANITARY PIPE WITHIN BUILDING. SEAL PENETRATION.
4	DOAS TO RE-USE PENETRATIONS FROM DEMO'D RTU-2. EXTEND/TRIM THE NATURAL GAS PIPING FROM THE EXISTING RTU CONNECTION TO FIT WITH THE NEW DOAS UNIT GAS CONNECTION. THE EXISTING RTU NATURAL GAS PRESSURE REQUIREMENT IS A MINIMUM OF 4.5"WC AND A MAXIMUM OF 14"WC, THE NEW DOAS REQUIREMENT IS A MINIMUM OF 6 "WC AND A MAXIMUM OF 10.5"WC, CONTRACTOR TO CHECK THE NATURAL GAS PRESSURE SERVING THE DOAS AND INSTALL A GAS PRV IF IT IS MORE THAN 10.5"WC, AND INFORM THE DESIGN TEAM IF IT IS LESS...
5	VRF ROOF MOUNTED UNIT. PROVIDE MINIMUM 8" TALL LEGS. SEAL ALL ASSOCIATED REFRIGERANT PIPING PENETRATIONS.
6	EXISTING TO REMAIN ROOFTOP UNIT. REBALANCE RTU AND ASSOCIATED AIR DISTRIBUTION SYSTEM PER BEW DESIGN.
7	ETR SUPPLY FAN. REBALANCE PER NEW AIRFLOW.
8	ETR RTU AND ASSOCIATED DUCTWORK. NOT IN SCOPE
9	NEW EXHAUST FAN SERVING JANITOR ROOMS. RE-USE EXISTING CURB AND PENETRATION. DUCT DOWN TO SERVE SPACE.

0' 2' 4' 8' 16' 24'
SCALE : 3/16" = 1'-0"

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ROOF MECHANICAL PLAN

100% CD

04/16/25

SHEET M202

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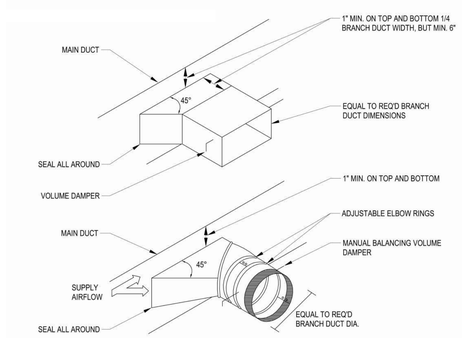
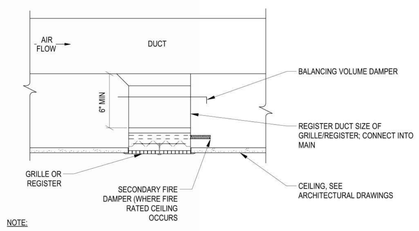


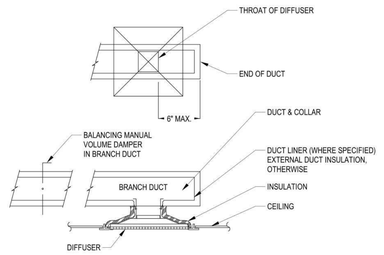
1 BRANCH DUCT TAKE-OFF FITTING - TYPICAL
SCALE: NONE



NOTE:

SUPPORT DUCTS PER SPECIFICATIONS

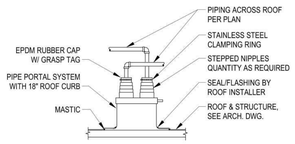
2 GRILLE/REGISTER CONNECTION - TYPICAL
SCALE: NONE



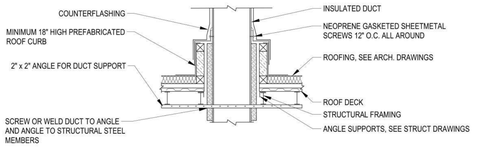
NOTES:

1. FLEXIBLE DUCT IS NOT ACCEPTABLE.
2. MANUAL VOLUME DAMPER IN DIFFUSER NECK IS NOT ACCEPTABLE.

3 CEILING DIFFUSER - TYPICAL
SCALE: NONE



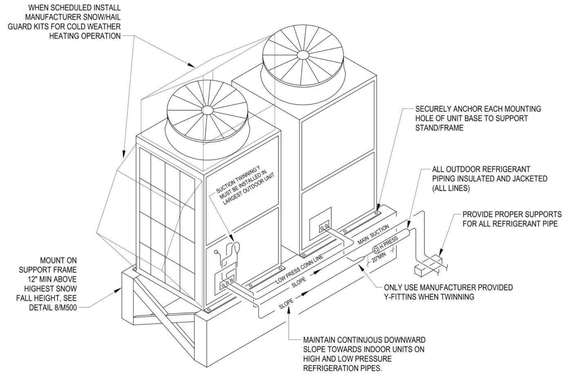
4 PIPE PORTAL - TYPICAL
SCALE: NONE



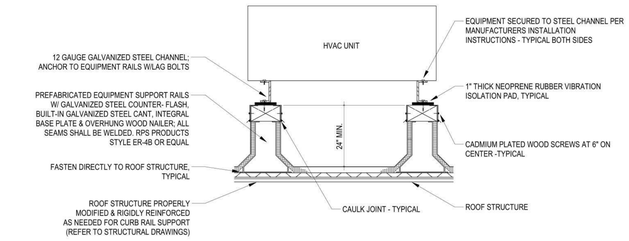
NOTES:

1. PREFABRICATED ROOF CURB SIZED AND SUPPLIED BY MECHANICAL CONTRACTOR, INSTALLED BY GENERAL CONTRACTOR IN ACCORDANCE WITH ROOFING MANUFACTURER'S REQUIREMENTS AND ARCHITECTURAL DRAWINGS. COORDINATE CURB STYLE WITH ROOFING CONTRACTOR.
2. PROVIDE BLOCKING, FLASHING AND ATTACHMENT TO STRUCTURE IN ACCORDANCE WITH ROOF CURB FLASHING/ATTACHMENT DETAIL ON ARCHITECTURAL DRAWINGS.
3. INSULATE INTERNALLY LINED DUCTWORK WITH 2" FLEXIBLE ELASTOMERIC INSULATION (TAPERED ON TOP TO SHED WATER) AND EPDM JACKET PER SPECIFICATIONS. SEAL ALL DUCT WALL PENETRATIONS AT POINTS OF SUPPORT ATTACHMENT AND REINFORCEMENT ATTACHMENT.

5 DUCT PENETRATION THROUGH ROOF - TYPICAL
SCALE: NONE



6 VRF OUTDOOR UNIT - TYPICAL
SCALE: NONE



8 ROOF MOUNTED EQUIPMENT RAIL SUPPORT - TYPICAL
SCALE: NONE

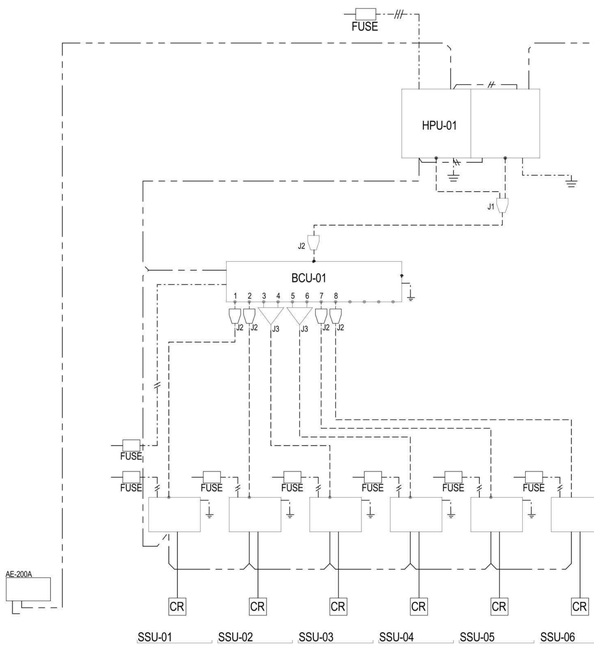


DIAGRAM SYMBOLS LEGEND	
DISPLAY	DESCRIPTION
-//-	POWER WIRE
———	CONTROL WIRE
- - -	REFRIGERANT PIPE

PIPING AND CONTROLS	
SYMBOL	DESCRIPTION
J1	TWINNING KIT
J2	REDUCER
J3	CONNECTOR
CR	THERMOSTAT

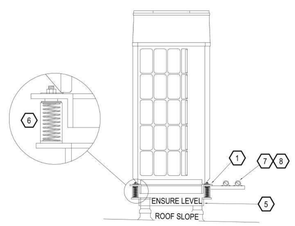
GENERAL CONSTRUCTION NOTES	
1.	REFER TO DETAILS, SCHEMATICS, AND SCHEDULES FOR ADDITIONAL PIPE SIZES AND INFORMATION.
2.	RS & RL PIPING, CONDENSATE DRAIN PIPING, POWER AND CONTROL WIRING BETWEEN HPUs, MBCs, SBCs AND SSUs SHALL BE IN STRICT REQUIREMENTS OF VRF SYSTEM MANUFACTURER'S WRITTEN INSTALLATION REQUIREMENTS AND APPROVED SHOP DRAWINGS.
3.	REFER TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND MECHANICAL ON DRAWINGS FOR ADDITIONAL REQUIREMENTS & COORDINATE ALL WORK
4.	MOUNT EXPOSED PIPING AND DUCTWORK IN OCCUPIED AREAS AS HIGH AS POSSIBLE.
5.	INSTALL TWINNING OUTDOOR UNITS PER MANUFACTURER GUIDELINES.

KEYED CONSTRUCTION NOTES	
1	COVER ALL INTERIOR EXPOSED REFRIGERANT AND CONDENSATE DRAIN PIPING USING MITSUBISHI LINE-HIDE OR RECTOR SEAL RD SERIES OR APPROVED EQUAL LINE SET COVER SYSTEM AND PAINT WITH COLOR(S) SELECTED BY ARCHITECT
2	REFER TO FLOOR PLANS, SCHEDULES, CONTROL SEQUENCES, POINT LISTS, EQUIPMENT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS, NOT ALL SHOWN. FOR INFORMATION ONLY.
3	ADDITIONAL REFRIGERANT CHARGE SHALL BE PROVIDED DEPENDING ON THE SIZE AND LENGTH OF EXTENDED PIPING.

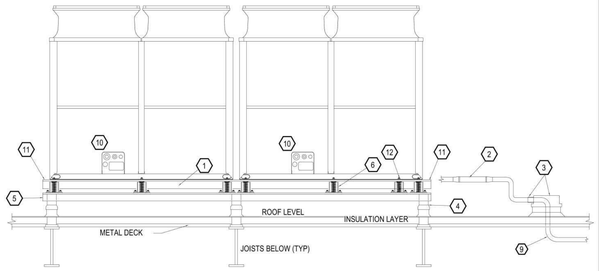
1 2 3

7 HVAC DETAILS - VRF SCHEMATIC
SCALE: NONE

DISCLAIMER:
THIS DRAWING IS SCHEMATIC IN NATURE, INTENDED TO REFLECT TYPE OF CONSIDERATION THAT SHOULD BE GIVEN TO INSTALLING VRF OUTDOOR UNIT EQUIPMENT ON LIGHT BUILT UP CORRUGATED METAL DECK ROOFING SYSTEM. FINAL DESIGN AND SELECTION OF ALL SUPPORT AND VIBRATION ISOLATION EQUIPMENT SHOULD BE BY DESIGN ENGINEER OF RECORD AND/OR STRUCTURAL ENGINEER OF RECORD.



SIDE VIEW



FRONT VIEW

CODED NOTES:

1. PROVIDE STRUCTURAL INTERSTITIAL ANGLE IRON MOUNTING MEMBER OR SIMILAR ATTACHED DIRECTLY TO BOTTOM OF UNIT MOUNTING FLANGE AND PROVIDE CROSS BRACING FOR RIGIDITY. ENSURE IT CARRIES FULL MOUNTING FOOT WIDTH ON UNIT. FINAL SPECIFICATION OF MEMBER BY STRUCTURAL ENGINEER OF RECORD.
2. PROVIDE BRAIDED COPPER FLEXIBLE CONNECTOR, R410A RATED, 650PSI MAX WORKING PRESSURE, PACKLESS INDUSTRIES OR EQUAL ON ALL MAIN PIPING DOWNSTREAM OF TWINNING KITS/CONVERGING FITTINGS PRIOR TO PENETRATION THROUGH ROOF.
3. PIPE ROOF CURB, FLASHED AND SEALED WATER TIGHT, PROVIDE FLEXIBLE WATER TIGHT COLLAR TO ALLOW FOR MOVEMENT WHERE PIPE ENTERS CURB. DO NOT ENTER PIPE CURB FROM VERTICAL DIRECTION.
4. TYPICAL BASE SUPPORT POSTS, SECURELY ANCHORED TO BUILDING STRUCTURE BELOW, QUANTITY, SIZE, AND CARRYING CAPACITY DETERMINED BY STRUCTURAL ENGINEER OF RECORD.
5. STRUCTURAL ANGLE IRON BASE MOUNTING FRAME WITH CROSS MEMBERS FOR RIGIDITY - FINAL SIZING BY STRUCTURAL ENGINEER OF RECORD.
6. VIBRATION SPRING SLR TYPE ISOLATORS (MASON INDUSTRIES OR EQUIV.) WITH RUBBER BASE PADS, SECURELY FASTENED TO STRUCTURAL BASE AND TO VRF UNIT INTERSTITIAL SUPPORT STEEL. SPRING ISOLATOR TO PROVIDE MINIMUM 1" DEFLECTION OR 10 TIMES THE STATIC DEFLECTION OF THE ROOF DECK FROM EQUIPMENT WEIGHT - DETERMINED BY STRUCTURAL ENGINEER OF RECORD. AT A MINIMUM, PROVIDE SPRING ISOLATORS AT EACH EQUIPMENT BASE MOUNTING HOLE LOCATION.
7. IF REQUIRED, ONLY SUPPORT LATERAL PIPE EMANATING FROM VRF UNIT CONNECTIONS BY CROSS MEMBER SUPPORT THAT IS ATTACHED DIRECTLY TO VRF UNIT MOUNTING ANGLE IRON FRAME ABOVE SPRING ISOLATORS. DO NOT ATTACH ANY PIPING TO LOWER FIXED SUPPORT BASE.
8. USE NEOPRENE ISOLATION COLLARS ON PIPE CLAMS WHEN FASTENING PIPING TO SUPPORTS.
9. USE LONG RADIUS SWEEPING COPPER ACR TUBE PIPE BENDS WHERE PIPE ENTERS BUILDING AT FIRST ELBOW INTO CEILING SPACE TO MINIMIZE REFRIGERANT FLOW NOISE AND VIBRATION.
10. ALL ELECTRICAL CONNECTIONS TO UNITS TO BE VIA FLEXIBLE CONDUIT, PROVIDE SUFFICIENT SLACK TO ALLOW FOR UNIT MOVEMENT ON SPRING ISOLATORS.
11. ENSURE CROSS MEMBERS OF INTERSTITIAL FRAME AND BOTTOM SUPPORT FRAME ARE NOT DIRECTLY BELOW ENDS OF MODULES IN ALL LOCATIONS AND DO NOT BLOCK DRAINAGE WEEP HOLES IN BOTTOM OF UNIT CASING, FAILURE TO DO THIS MAY RESULT IN ICE DAMMING/BUILDUP BENEATH UNIT AND SUBSEQUENT BUILDUP OF ICE IN BOTTOM OF UNIT CASING BELOW COIL AND POTENTIAL DAMAGE TO BOTTOM OF COIL.
12. WHEN SELECTING SPRING ISOLATORS ALWAYS CONSIDER WEIGHT DISTRIBUTION BY REFERENCING EQUIPMENT WEIGHT AND CENTER OF GRAVITY. NEAR RIGHT ENDS OF UNITS (VIEWED FROM FRONT PANEL) SPRING WEIGHT CAPACITY MAY BE LARGER, IF HIGHER SPRING WEIGHT CAPACITY IS REQUIRED VS OTHER SPRING LOCATIONS, CONSIDER AN ADDITIONAL SPRING OF EQUAL "K" VALUE (lbs/in) NEAR RIGHT END OF LAST MODULE. IN GENERAL IT IS RECOMMENDED TO SELECT ALL MOUNTING SPRINGS OF EQUIVALENT "K" VALUE (lbs/in).

9 HVAC DETAIL - ROOF MOUNTED VRF HPU VIBRATION ISOLATION - TYPICAL
SCALE: NONE

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10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

MECHANICAL DETAILS

100% CD
04/16/25

SHEET M401

VARIABLE REFRIGERANT FLOW (VRF) SPLIT SYSTEM INDOOR UNIT SCHEDULE

TAG	DESCRIPTION	ROOM SERVED	LG MODEL #	RATED COOLING CAPACITY TOTAL / SENSIBLE	RATED HEATING CAPACITY	SUPPLY AIRFLOW	ESP	CAPACITIES AT DESIGN CONDITIONS				CONDENSING / HEAT PUMP OUTDOOR UNIT	SOUND	APPROX. WEIGHT	ACCESSORIES	REMARKS	ELECTRICAL (60 HZ)					
				MBH	MBH	CFM	IWG	COOLING EDB / EWB °F	COOLING TOTAL MBH	HEATING EAT °F	HEATING MBH		dBA	LBS			VOLT	PHASE	MCA	MOCP	EMER. POWER	DISC. SWITCH
SSU-01	CEILING-CONCEALED HOIZONTAL UNIT HIGH STATIC	CORRIDOR A	ZRNU123M2AA	12.3 / 9.23	13.6	512	0.25	80 / 67	10.8	70	14.0	HPU-01	-	100	2, 3, 8	-	208	1	2.9	15	NO	MFR
SSU-02	CEILING-CONCEALED HOIZONTAL UNIT HIGH STATIC	SPIN STUDIO	ZRNU763M2AA	76.4 / 57.3	86.0	2260	0.6	80 / 67	66.8	70	88.8	HPU-01	-	100	2, 3, 8	-	208	1	6.5	15	NO	MFR
SSU-03	CEILING-CONCEALED HOIZONTAL UNIT HIGH STATIC	FITNESS	ZRNU183M2AA	19.1 / 14.32	21.5	673	0.6	80 / 67	16.7	70	22.2	HPU-01	-	200	2, 3, 8	-	208	1	2.9	15	NO	MFR
SSU-04	CEILING-CONCEALED HOIZONTAL UNIT HIGH STATIC	MENS LOCKER	ZRNU283M2AA	28.0 / 21.0	31.5	1250	0.6	80 / 67	24.4	70	32.5	HPU-01	-	125	2, 3, 8	-	208	1	3.1	15	NO	MFR
SSU-05	CEILING-CONCEALED HOIZONTAL UNIT HIGH STATIC	WOMENS LOCKER	ZRNU123M2AA	12.3 / 9.23	13.6	512	0.4	80 / 67	10.8	70	14.0	HPU-01	-	100	2, 3, 8	-	208	1	2.9	15	NO	MFR
SSU-06	CEILING-CONCEALED HOIZONTAL UNIT HIGH STATIC	CORRIDOR B	ZRNU093M2AA	9.6 / 7.2	10.9	468	0.25	80 / 67	8.4	70	11.3	HPU-01	-	100	2, 3, 8	-	208	1	2.9	15	NO	MFR
SSU-07	STANDARD, WALL MOUNT	IT ROOM	ZRNU073SJSA	7.5 / -	8.5	240	N/A	80 / 67				HPU-01	-	25	2, 3	-	208	1	1	15	NO	MFR
BS-1	BRANCH CONTROLLER	-	PRHR043C	-	-	-	-	-	-	-	-	-	-	-		-	208	1	-	15	NO	MFR
BS-2	BRANCH CONTROLLER	-	PRHR043C	-	-	-	-	-	-	-	-	-	-	-		-	208	1	-	15	NO	MFR

VRF SPLIT SYSTEM INDOOR UNIT ACCESSORIES: REFER TO SPECIFICATIONS FOR ADDITIONAL VRF SPLIT SYSTEM INDOOR UNIT ACCESSORIES REQUIRED. DESIGN CAPACITIES BASED ON FULL DEMAND COOLING AND HEATING DIVERSITIES.

1.	1"-MERV 8 PLEATED FILTER KIT (PAC-SH89KF-E)	5.	1"-MERV 8 PLEATED FILTER KIT (PAC-SH90KF-E)
2.	SIMPLE MA REMOTE CONTROLLER (PAC-YT53CRAU), THREE POLE DISCONNECT SWITCH (TAZ-MS303).	6.	1"-MERV 10 PLEATED FILTER KIT (PAC-SH59KF-E)
3.	INTEGRAL CONDENSATE PUMP KIT (PAC-SH84DM-E) OR DRAIN WATER LIFT-UP KIT. DRAIN PAN LEVEL SENSOR.	7.	BUILT-IN CONDENSATE LIFT MECHANISM. DRAIN PAN LEVEL SENSOR.
4.	3D I-SEE SENSOR WITH MOUNT/PANEL (PAC-SH91MK-E OR PAC-SA1ME OR PAC-SF1ME-E AS APPLICABLE).	8.	M-NET ADAPTER (PAC-SF81MA)

5.	PROVIDE AC-SC51KUA POWER SUPPLY UNIT, MINIMUM OF TWO PAC-YG63MCA AI CONTROLLERS & FOUR PAC-YG66DCA DIDO CONTROLLERS IN NEMA 1 ENCLOSED CONTROL PANEL ABOVE CEILING; PAC-YG10HA-ER EXTERNAL INPUT/OUTPUT ADAPTER AND PAC-YG84UTB MOUNTING BRACKET & PAC-YG86TK-J KIT FOR BUILDING CONTROLS. COORDINATE CONTROLS INTERFACE WORK WITH OWNER. PROVIDE A DATA OUTLET NEAR THE CONTROLLER AND CONNECT TO LAN PORT. PROVIDE SW-BACNET AND SW-PWEB SOFTWARE AND ASSOCIATED LICENSE AGREEMENT. COORDINATE WITH OWNER TO INTEGRATE THESE SOFTWARE ON OWNER'S CENTRAL BMS OPERATOR WORKSTATION.
6.	48X48 CEILING INSTALLATION/TRIM PANELS (PMFY-ITP1 / PLFY-ITP1 / PLFY-ITP2).
7.	FILTER BOX WITH REAR OR BOTTOM RETURN AIR INLETS AS REQUIRED TO SUIT INSTALLATION AND WITH 2" MERV-13 PLEATED FILTERS IN
8.	FILTER BOX INSULATED PLENUM WITH 2" MERV-13 PLEATED FILTERS IN ANGLED CONFIGURATION, FIELD FABRICATED

VARIABLE REFRIGERANT FLOW (VRF) SPLIT SYSTEM OUTDOOR UNIT SCHEDULE

TAG	DESCRIPTION	MANUFACTURER (LG) MODEL	RATED COOLING CAPACITY	RATED HEATING CAPACITY	DESIGN COOLING CAPACITY	DESIGN HEATING CAPACITY	REFRIGERANT	AHRI IEER / COP	COOLING DB / WB	HEATING DB/WB	NO. OF CKTS	SOUND dBA	SIZE WxHxD	APPROX. WEIGHT	REMARKS	ELECTRICAL (60 HZ)				
			MBH	MBH	MBH	MBH			°F	°F		@ 5 FEET	INCHES	LBS		MCA (M1)	MOCP (M1)	VOLTS /PHASE	EMER. POWER	DISC. SWITCH
HPU-01	AIR COOLED OUTDOOR VRF HEAT PUMP WITH HEAT...	ZRUM144BTE6	144	162	135	77	R-32	-	95 / 75	10 / 8	2	63	49 x 67x 30	650	-	51.1	70	208 / 3	NO	EC

VRF SPLIT SYSTEM OUTDOOR UNIT ACCESSORIES: RATED HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70/60 °F (DB/WB), OUTDOOR OF 43 °F (WB) RATED COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67 °F (DB/WB), OUTDOOR OF 95/75 °F (DB/WB).

1.	THE EFICIENCIES AND ELEC LOAD ARE SHOWN ONLY FOR TEMPORARY SIZING PURPOSES AS R-32 EQUIPMENT CUTSHEETS ARE NOT YET AVAILABLE ON VRF.	4.	PORT ADAPTORS, DRAIN SOCKET, AIRFLOW GUIDE. CMY-R100XLCBK TWINNING KIT FOR MULTIPLE MODULES, MINIMUM 24" HIGH EQUIPMENT SUPPORT RAILS OR BIG FOOT ROOF MOUNTED VRF SUPPORT SYSTEM BY THE RECTORSEAL CORPORATION OR APPROVED EQUAL BY INSTALLER.
2.	CMY-Y102LS-G2 T-BRANCH JOINT (73-144 MBH), CMY-Y108C-G HEADER FOR 8 BRANCHES, LOW AMBIENT KIT.	5.	
3.	LOW AMBIENT HOOD KIT WITH ASSOCIATED WIND BAFFLES (WB-PA2) FOR 100% LOW AMBIENT COOLING DOWN TO MINUS 10 °F, AIR OUTLET GUIDE (PAC-SG59SG).	6.	

POWER VENTILATORS SCHEDULE

TAG	AREA SERVED	DESCRIPTION	MANUFACTURER - MODEL	CAPACITY				ROOF/WALL OPENING	MECHANICAL EFFICIENCY	FAN EFFICIENCY GRADE	SIZE LxWxH OR x H	APPROX. WEIGHT	DETAIL	ACCESSORIES	CONTROLS	REMARKS	FAN DATA			ELECTRICAL (60 HZ)			
				DRIVE	AIRFLOW	ESP	SOUND NC										FAN SPEED	MOTOR SPEED	FAN MOTOR	FAN MOTOR	VOLTS/ PHASE	EMER. POWER	DISC. SWITCH
					CFM	IWG	dBA	INCHES	%		INCHES	LBS	#/SHT#				RPM	RPM	BHP	HP/WATTS			
CF-01	FITNESS AREAS	CEILING FAN	BIG ASS FANS - HAIKU MK-HK4-04_2406	DIRECT	340 / 6145	-	35	--	--	--	52" DIA	20	--	1, 2	ON-OFF WALL SWITCH WITH LIGHT & SPEED CONTROL	UNIVERSAL MOUNT. COLOR AND FINISH AS SELECTED BY ARCHITECT	199	--	--	-- / 20.1	115 / 1	NO	EC

AHE SCHEDULE NOTES: [APPLY TO ALL NEW FANS]

1. LOOSE ACCESSORIES SHALL BE FIELD INSTALLED BY INSTALLER. PROVIDE ADDITIONAL MOUNTING SUPPORTS TO SUPPORT FROM THE EXISTING JOISTS.
2. TEMPERATURE, HUMIDITY AND MOTION SENSORS.

AHE SCHEDULE NOTES:

1. WALL MOUNTED, FIXED SOLID STATE FAN SPEED CONTROLLER FURNISHED BY FAN MFR AND INSTALLED BY CONTRACTOR.
2. DOWNROD LENGTH TO SUIT MOUNTING HEIGHT. MOUNT AT SPINNING HEIGHT OF 9'-0". STABILIZER KIT. UV-C LED UPLIGHT.
3. DOWNROD LENGTH TO SUIT MOUNTING HEIGHT. MOUNT AT SPINNING HEIGHT OF 9'-6". STABILIZER KIT, UV-C LED UPLIGHT.

DEDICATED OUTDOOR AIR SYSTEM UNITS SCHEDULE

TAG	DESCRIPTION	MANUF / MODEL	HEATING/COOLING AIRFLOW			FAN ESP		ENERGY RECOVERY WHEEL (COOLING) @ MIN. OA						COOLING COIL (DX)						ENERGY RECOVERY WHEEL (HEATING)						HEATING (NATURAL GAS)				
								SUPPLY		EXHAUST		APD	NET THERMAL EFFECTIVENESS...		EDB / WB	COIL LDB / WB	UNIT LDB / WB	EQUIVALENT TOTAL CAP.	TOTAL CAP.	SENSIBLE CAP.	SUPPLY		EXHAUST		APD	NET THERMAL EFFECTIVENESS @75%		EDB/ WB	LDB/ WB	TOTAL INPUT	TOTAL OUTPUT	GAS PRESSURE	MODULATING/ STAGES
			OA MIN/ MAX	EA MIN/ MAX	HEAT WHEEL MIN/MAX	SA	EA	EDB/ EWB	LDB/ LWB	EDB/ EWB	LDB/ LWB		TOTAL (MBH)	SENSIBLE (MBH)							EDB / WB	LDB / WB	EDB / WB	LDB / WB		TOTAL (MBH)	SENSIBLE (MBH)					
			CFM	CFM	CFM	IWG	IWG	°F	°F	°F	°F	IWG			°F	°F	°F	MBH	MBH		°F	°F	°F	°F	IWG			°F	°F	MBH	MBH	IWG	
DOAS-1	PACKAGED ROOFTOP UNIT	AAON / RNA-006-A-A-8-GJA0A-CB1L0	900 / 1500	1250	1500	2	1.5	95 / 78	82 / 68	75 / 62	90 / 74	1	55.3	20.2	82.1 / 68.7	53.7 / 53.5	57.1 / 54.9	118.1	62.8	39.7	13 / 9	50 / 45	75 / 62	27 / 26	1	100	63	50.9 / 45.7	95.4 / 63.6	90	72.9	MIN. 14	10:1

DOAS UNIT SCHEDULE NOTES:

1. AMBIENT 95 °F DB/78 °F WB SUMMER, 13°F DB WINTER.
2. MAXIMUM COIL FACE VELOCITY OF 525 FPM FOR HEATING COIL AND 500 FPM FOR COOLING COILS.
3. TOTAL SP INCLUDES ESP, MID-LIFE FILTER(S) PRESSURE DROPS, AND ESTIMATED INTERNAL PRESSURE DROPS.
4. INDIVIDUAL VARIABLE FREQUENCY CONTROLLER & FULL MANUAL BYPASS, H-O-A SWITCH, BACNET INTERFACE (VFD).

DEDICATED OUTDOOR AIR SYSTEM UNITS SCHEDULE (CONTINUED)

SIZE LxWxH	APPROX. WEIGHT	REMARKS	FAN DATA		ELECTRICAL (60 HZ)						
			SA/ EA	SA/ EA	SA FAN	EA FAN	MCA	MOCP	VOLTS/ PHASE	EMER. POWER	DISC. SWITCH
INCHES	LBS		RPM	BHP	(QTY) HP	(QTY) HP					
134x79x44	1650	A,B,C,E,F,G,H,I,J,K,L,M,N,O,P,Q	1979 / 1909	2.01 / 0.71	(1) 3	(1) 1	48	70	208 / 3	NO	VFD PER MOTOR

DOAS UNIT COMPONENTS:

A. DRAW-THRU, DIRECT DRIVE SUPPLY PLENUM FAN(S) AND EXHAUST PLENUM FAN(S) EACH WITH PREMIUM EFFICIENCY 1760 RPM MOTOR AND INDIVIDUAL VFD. BOTTOM OUTDOOR AIR DISCHARGE, END OUTDOOR AIR INTAKE, SIDE EXHAUST AIR DISCHARGE, BOTTOM RETURN AIR INTAKE.

B. TOTAL ENTHALPY ENERGY RECOVERY WHEEL(S, ERW) WITH 2"-MERV 8 OA FILTERS & 2"-MERV 8 EA FILTERS, BYPASS DAMPER OR VFD, AND 1% PURGE.

C. MIXED AIR FILTERS: 2"-MERV 7 ACTIVATED CARBON PLEATED PRE-FILTERS AND 4"-MERV 13 PLEATED FILTERS.

D. OPEN COIL ELECTRIC HEATING COIL WITH MODULATING SCR CONTROLS AND DISCHARGE AIR OVERRIDE.

E. VARIABLE CAPACITY DIGITAL SCROLL LEAD COMPRESSOR WITH INDEPENDENT REFRIGERANT CIRCUITS, 5-ROW DX COOLING COIL. NO HOT GAS BYPASS.

F. ACCOUSTICALLY INSULATED 18 INCHES HIGH ROOF CURB.

G. MODULATING HOT GAS REHEAT COIL. 61 MBH, 75 DEG. F LAT.

H. AIR-COOLED CONDENSER(S), CONDENSER FANS W/ VARIABLE FAN SPEED CONTROLS. HAIL GUARDS.

I. CO2 OVERRIDE, DDC DAMPER ACTUATORS, CONDENSATE OVERFLOW SWITCH.

J. SINGLE POINT POWER CONNECTION WITH BRANCH CIRCUIT FUSING, 120V/1PH POWER CONNECTION FOR MARINE LIGHTS AND FACTORY INSTALLED, FACTORY WIRED DUPLEX RECEPTACLE. FACTORY WIRED POWER INTERLOCKED LOCKING DISCONNECT SWITCH.

K. FACTORY INSTALLED DDC CONTROLS & BACNET CONTROLLER FURNISHED BY MANUFACTURER WITH DDC REMOTE INTERFACE AND REMOTE DISPLAY.

L. MARINE SERVICE LIGHTS, CONTROL PANEL SERVICE LIGHTS, BURGLAR BARS, ETL/UL LISTED.

M. CLOGGED FILTER SWITCH + MAGNEHELIC GAUGE

N. ADJUSTABLE COMP. LOCK OUT - EACH CIRCUIT

O. RA AND SA FIRESTAT + REMOTE SAFETY SHUTDOWN TERMINALS

P. COLOR AS SELECTED BY ARCHITECT.

Q. PHASE & BROWN OUT PROTECTION + ERW DEFROST + ERW ROTATION DETECTION

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

TAG	DESCRIPTION	MANUFACTURER MODEL	MODEL	MATERIAL/FINISH NOTE 3	REMARKS
SD-1	LAY-IN CEILING DIFFUSER	TUTTLE & BAILEY	ARCL	ALUMINUM/WHITE	24X24 LAY-IN T-BAR PANEL, SRR ADAPTER WHERE ROUND NECK OCCURS, NOTE 1
RG-1,2,3	GRID CORE RETURN GRILLE	TUTTLE & BAILEY	CRE510-LT	ALUMINUM/WHITE	12X12 / 24X24 / 48X24 LAY-IN- T-BAR PANEL
EG-1,2	GRID CORE RETURN GRILLE	TUTTLE & BAILEY	CRE510-LT	ALUMINUM/WHITE	12X12 / 24X24
TG-1	GRID CORE TRANSFER GRILLE	TUTTLE & BAILEY	CRE510-LT	ALUMINUM/WHITE	24 X 12 LAY-IN- T-BAR PANEL

GRD SCHEDULE NOTES:

1. FOR DIRECTION OF AIRFLOW, SEE DIFFUSER ON ASSOCIATED FLOOR PLAN. 1D= 1-WAY, 2D=2-WAY, 3D=3-WAY, 4D=4-WAY.
2. THE GRD SCHEDULE IS A STANDARD SCHEDULE. ALL GRILLE, REGISTER, AND DIFFUSER DO NOT NECESSARILY APPEAR ON DRAWINGS FOR THIS PROJECT. REFER TO TYPICAL DETAILS.
3. BAKED ENAMEL WHITE AT CEILING, WALL; CLEAR SATIN ANODIZED AT WINDOW SILL OR FLOOR OR DUCT. MATCH PAINT TO ADJACENT SURFACES WHERE INDICATED OR SPECIFIED. FINAL FINISH AND COLOR SHALL BE AS SELECTED BY OWNER/GOVERNMENT/ARCHITECT.

DESIGN CONDITIONS

AREA/SPACE	HEATING		COOLING		MAXIMUM NC	ROOM PRESSURE RELATIONSHIP TO ADJACENT AREAS	REMARKS
	DB °F	WB °F/...	DB °F	WB F/DP*...			
BALTIMORE, MD-AMBIENT (ZONE 4A)	13	-	95	78	-	-	-
GYM/ FITNESS AREA	68	-	78	62.5	35	-	-
LOCKER ROOMS	68	-	78	62.5	35	NEGATIVE	-
RESTROOMS	65	-	75	62.5	35	NEGATIVE	-

CONDENSING UNIT DISTRIBUTION SCHEDULE

CONDENSING UNIT TAG	BRANCH SELECTOR SERVED	FCU SERVED
CU-1	BS-01 (PRHR043C)	SSU-01
		SSU-02
		SSU-03
	BS-02 (PRHR043C)	SSU-04
		SSU-05
		SSU-06
		SSU-07

FAN SCHEDULE

TAG	SERVES	CFM	E.S.P. (IN. W.G)	RPM	MANUF / MODEL #	SOUND-SONES	ELEC. INFO			CONTROLS	NOTES
							HP / (WATT...	NEC FLA	V		
EF-1	JANITOR EXH	100	0.5	1140	GREENHECK / G-097-B	4.7	1/6 HP	4.4	115	CONTINUOUS	1,2,3

NOTES:

1. PROVIDE BACKDRAFT DAMPER.
2. PROVIDE ALL 1-PHASE FANS WITH BUILT-IN DISCONNECTS AND ALL 3-PHASE FANS (WITHOUT A VFD) WITH BUILT-IN COMBINATION STARTER-DISCONNECT.
3. EXTERNAL STATIC PRESSURE VALUE DOES NOT INCLUDE FAN HOUSING OR BACKDRAFT DAMPER.

A/C & VRF SYSTEM CONDENSATE PIPE SIZING SCHEDULE

UNIT COOLING CAPACITY...	BRANCH/MAIN (INCHES)	RUNOUTS (INCHES)
0-3.0	1-1/4	1-1/4
3.1-6.0	1-1/2	1-1/4
6.1-12.0	2	1-1/4
12.1-20.0	2-1/2	1-1/4
20.1-30.0	3	-

NOTES:

1. THE ABOVE SCHEDULE IS A STANDARD SCHEDULE AND SHALL BE USED ONLY WHERE PIPE SIZES ARE NOT SHOWN.
2. MINIMUM PIPE SIZE SHALL BE 1-1/4" AND/OR EQUIPMENT CONNECTION.
3. PROVIDE CONDENSATE DRAIN PIPING FROM EACH MBC/SBC/SSU/DOAS AND EXTEND TO NEAREST INDIRECT WASTE FUNNEL DRAIN. DO NOT DISCHARGE TO ANY OTHER FLOOR DRAINS OR ELSEWHERE. COORDINATE DRAIN LOCATIONS SHOWN ON PLUMBING FLOOR PLANS.
4. APPLY TO PLUMBING AND MECHANICAL DRAWINGS

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SEAL

4/11/2025

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

MECHANICAL SCHEDULES

100% CD

04/16/25

SHEET M601

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PLUMBING LEGEND

SYMBOL	ABRV.	DESCRIPTION	SYMBOL	ABRV.	DESCRIPTION
EX (X)	EX	EXISTING PIPING TO REMAIN - (X) DESIGNATES SERVICE			PIPE UP
RX (X)	RX	EXISTING PIPING TO BE REMOVED - (X) DESIGNATES SERVICE			PIPE DOWN
		PIPING ROUTED BELOW GRADE / SLAB (LINE TYPE INDICATES SERVICE TYPE UNO)			PIPE TEE DOWN
SAN	SAN	SANITARY PIPING			TOP PIPE CONNECTION
GW	GW	GREASE WASTE PIPING (TO GREASE INTERCEPTOR)			BALL VALVE OR SHUTOFF VALVE IN RISE
OW	OW	OIL WASTE PIPING			PIPE CAP
ST	ST	STORM PIPING (PRIMARY)			PIPE UNION
OST	OST	SECONDARY / OVERFLOW DRAIN PIPING			FLANGED CONNECTION
V	V	VENT PIPING			CONCENTRIC PIPE REDUCER
CW	CW	DOMESTIC COLD WATER PIPING			ECCENTRIC PIPE REDUCER
HW	HW	DOMESTIC HOT WATER PIPING			FLOW ARROW
HWR	HWR	DOMESTIC HOT WATER RETURN PIPING			PIPE ANCHOR
TP	TP	TRAP PRIMER PIPING			PIPE GUIDE
G	G	GAS PIPING (NATURAL OR PROPANE)		BV	BALL VALVE
CD	CD	CONDENSATE DRAIN PIPING		BFV	BUTTERFLY VALVE
PD	PD	PUMP DISCHARGE		PV	PLUG VALVE
CA	CA	COMPRESSED AIR PIPING		GV	GATE VALVE
M		UTILITY METER		GBV	GLOBE VALVE
		HOT WATER RECIRC. PUMP		PRV	PRESSURE REDUCING VALVE
X		DOMESTIC SHOCK ABSORBER/WATER HAMMER ARRESTER; TEXT DENOTES SIZE (PDI: A ~ F)		CV	CHECK VALVE
		GAS SOLENOID VALVE		BFP	BACK FLOW PREVENTER
		GAS COCK			PRESSURE RELIEF VALVE
		AQUASTAT			AUTOMATIC FLOW CONTROL VALVE
		VACUUM RELIEF VALVE			CALIBRATED BALANCING VALVE
	VB	VACUUM BREAKER			AUTOMATIC AIR VENT
		HOSE BIBB			MANUAL AIR VENT
		FLEXIBLE PIPE CONNECTION			P/T PLUG
I.E. XX.XX		INVERT ELEVATION B.F.F. (IN FEET)		PG	PRESSURE GAUGE W/ SHUT-OFF
XX		KITCHEN EQUIPMENT DESIGNATION; REFER TO KITCHEN EQUIPMENT DRAWINGS FOR DETAILS			THERMOMETER
		CONNECTION POINT, NEW TO EXISTING			STRAINER
		DISCONNECTION POINT		T&P	TEMPERATURE AND PRESSURE RELIEF VALVE
1		DRAWING KEYNOTE		MV	MIXING VALVE
1		DEMOLITION DRAWING KEYNOTE			EXTERNAL WALL HYDRANT
1		REVISION NUMBER		FCO	CLEAN OUT, FLOOR
		REVISION CLOUD		CO	CLEAN OUT, EXPOSED
		FLOOR DRAIN WITH TRAP PRIMER		FD	FLOOR DRAIN
		FLOOR SINK/RECEPTOR WITH HALF GRATE		RD	ROOF DRAIN
	OS&Y	OS&Y VALVE			PIPE TRAP
	TS	OS&Y VALVE WITH TAMPER SWITCH			

NOTES:

1. NOT ALL SYMBOLS AND ABBREVIATIONS ARE IN USE FOR THIS PROJECT.

GENERAL DEMO NOTES

PLUMBING DEMOLITION CONSTRUCTION NOTES

1. FIELD VERIFY THE EXACT SIZES AND LOCATIONS OF ALL EXISTING PIPING PRIOR TO DEMOLITION OF ANY EXISTING WORK. THE DEMOLITION WORK SHALL BE COORDINATED WITH THE NEW WORK OF ALL DIVISIONS TO ASSURE PROPER LIMITS OF DEMOLITION.
2. REMOVE ALL EXISTING EQUIPMENT AND ASSOCIATED PIPING, WHETHER SPECIFICALLY INDICATED OR NOT, THAT IS NO LONGER REQUIRED.
3. REMOVE AND CAP EXISTING BRANCH PIPING, NO LONGER REQUIRED TO REMAIN AS PART OF AN ACTIVE SYSTEM, AT THE APPROPRIATE MAIN.
4. ANY PIPING AND DUCTWORK WHICH MUST REMAIN AS PART OF AN ACTIVE SYSTEM AND IS IN CONFLICT WITH THE NEW LAYOUT SHALL BE RELOCATED AT NO ADDITIONAL COST OVER THE CONTRACT AMOUNT.
5. EXISTING FIXTURES, EQUIPMENT AND PIPING REMOVED DURING CONSTRUCTION SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE STORED, REMOVED FROM THE JOB SITE, OR DISPOSED OF AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
6. EXISTING SPRINKLER HEADS TO BE RELOCATED SHALL BE INSPECTED FOR DAMAGE, CLEANED, REPAIRED OR REPLACED AT NO ADDITIONAL COST AND INSTALLED AS SPECIFIED ON THE PLUMBING PLANS.
7. OPENINGS REMAINING IN WALLS/FLOORS AS A RESULT OF DEMOLITION SHALL BE SEALED WITH AN AIRTIGHT SHEET METAL CAP, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
8. WHERE EXISTING EQUIPMENT IS TO BE RELOCATED, EXTREME CARE SHALL BE TAKEN TO PREVENT DAMAGE DURING THE REMOVAL AND REINSTALLATION. WHERE DAMAGE OCCURS,THE EQUIPMENT SHALL BE REPLACED OR REPAIRED TO THE SATISFACTION OF THE ARCHITECT, AND OWNERS REPRESENTATIVE AT NO ADDITIONAL COST OVER THE CONTRACT AMOUNT.
9. REFER TO THE GENERAL NOTES AND FIRE PROTECTION NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
10. WHERE EXISTING PLUMBING FIXTURES ARE INDICATED TO BE REMOVED, REMOVE EXISTING FIXTURE, TRIM ALL ASSOCIATED PIPING AND HARDWARE. REMOVE SERVICE BRANCHES BACK TO NEAREST MAIN AND CAP. DEAD LEGS SHALL NOT EXCEED 2'-0" IN LENGTH.
11. ALL UNDERSLAB SANITARY PIPING TO BE REUSED SHALL BE INSPECTED WITH VIDEO AUGER. ANY CLOGS SHALL BE CLEARED AND DAMAGED/CRACKED PIPING REPLACED. A WRITTEN REPORT AND VIDEO DOCUMENTATION SHALL BE PROVIDED TO ARCH/ENGINEER FOR REVIEW.
12. CHECK FOR THE ELEVATION OF EXISTING SANITARY PIPE AVAILABLE TO CONSIDER THE NEW PIPE CONNECTIONS, ANY EXISTING PIPE WITH HIGHER ELEVATION THAN THE NEW PIPE AT THE POINT OF CONNECTION NEED TO BE CHECKED FOR OTHER LOCATIONS OF EXISTING SANITARY PIPE WHERE IT IS FEASIBLE TO CONNECT THE NEW PIPES.

GENERAL NOTES

PLUMBING GENERAL NOTES

1. ALL SPECIFICATIONS AND DRAWINGS, I.E. ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL, ARE COMPLIMENTARY AND MUST BE USED IN COMBINATION TO OBTAIN COMPLETE CONSTRUCTION INFORMATION.
2. ANY INFORMATION CONFLICTS WITHIN THE SPECIFICATIONS AND/OR DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK UNTIL ALL CONFLICTS ARE RESOLVED AND THE CLARIFYING INFORMATION IS ISSUED.
3. ALL SANITARY AND STORM SEWER PIPING LESS THAN 3" SHALL BE INSTALLED WITH A 1/4" PER FT. GRADE AND NOT LESS THAN 1/8" PER FT. GRADE FOR PIPING 3" AND LARGER UNLESS NOTED OR INDICATED OTHERWISE. PROVIDE CLEANOUTS ON ALL SEWER PIPING (HORIZONTAL AND VERTICAL) WHERE INDICATED AND/OR REQUIRED BY CODE.
4. COORDINATE ALL PIPING TO BE INSTALLED WITH ALL OTHER TRADES, I.E. MECHANICAL, FIRE PROTECTION, AND ELECTRICAL TO ENSURE THAT ALL PIPING SYSTEMS ARE INSTALLED ABOVE FINISHED CEILING OR IN A CONCEALED SPACE. ALL CEILING HEIGHTS INDICATED ON ARCHITECTURAL AND/OR INTERIOR DESIGN DRAWINGS AS WELL AS MINIMUM CLEARANCES REQUIRED BY LOCAL CODES SHALL BE MAINTAINED THROUGHOUT THE BUILDING.
5. ALL CUTTING, DRILLING, AND PATCHING OF WALLS, FLOORS, AND/OR STRUCTURAL MEMBERS FOR THE INSTALLATION OF PLUMBING SYSTEMS SHALL BE PROVIDED. STRUCTURAL COMPONENTS SHALL NOT BE CUT, DRILLED, OR MODIFIED IN ANY WAY WITHOUT THE STRUCTURAL ENGINEER'S REVIEW AND PRIOR APPROVAL.
6. PIPING OR EQUIPMENT SHALL NOT BE SUPPORTED FROM STRUCTURAL MEMBER WITHOUT PRIOR REVIEW AND APPROVAL FROM THE STRUCTURAL ENGINEER.
7. ALL BACKFLOW PREVENTER ASSEMBLIES SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION. PIPE RELIEF OUTLET, IF APPLICABLE, SHALL DISCHARGE TO NEAREST FLOOR DRAIN. DO NOT INSTALL ABOVE FINISHED CEILING UNLESS NOTED OR INDICATED OTHERWISE.
8. PROVIDE FLOAT TYPE BACKWATER VALVE (SIZED FOR ANTICIPATED FLOW RATE) IN ALL OPEN SITE DRAINS AND FLOOR RECEPTORS RECEIVING A/C CONDENSATE, AND/OR CLEAR WATER WASTE SUCH AS SPRINKLER FLOW TESTING.
9. ALL PIPING SYSTEMS, VALVES, AND EQUIPMENT SHALL BE PROPERLY IDENTIFIED.
10. ALL PLUMBING SHALL CONFORM TO ALL REQUIREMENTS OF THE LOCAL ENERGY CONSERVATION AND PLUMBING CODES OF THE AUTHORITY HAVING JURISDICTION.
11. HOT, COLD, AND RECIRCULATION WATER SUPPLY MAINS AND BRANCHES SHALL BE INSULATED IN ACCORDANCE WITH THE LOCAL ENERGY CODE.
12. ALL PIPING, VALVES, AND ACCESSORIES SERVING EQUIPMENT SHALL BE INSTALLED TO ALLOW SERVICING AND/OR REMOVAL WITHOUT DISCONNECTING ALL PIPING AND ACCESSORIES.
13. ALL VALVES SHALL HAVE THEIR NORMAL (IN OPERATION) POSITION IDENTIFIED, SUCH AS "NORMALLY OPEN" OR "NORMALLY CLOSED."
14. EXPANSION LOOPS AND ANCHORS SHALL BE PROVIDED ON ALL PIPING SYSTEMS WHICH CROSS BUILDING EXPANSION JOINTS AND ALL HORIZONTAL PIPING LENGTHS EXCEEDING 100 FT. OR EACH PORTION THEREOF.
15. ALL NECESSARY EQUIPMENT SHALL BE PROVIDED ON ALL PIPING, UNIONS, VALVES, VACUUM BREAKERS, STRAINERS, ETC. AS REQUIRED TO CONNECT EQUIPMENT AT LOCATION SHOWN, AND TO MAKE FULLY OPERABLE IN ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS.
16. DRAINS AND CLEANOUTS SHALL BE INSTALLED AS SPECIFIED AND IN LOCATIONS SHOWN ON DRAWINGS. REFER TO THE DRAIN SCHEDULE, IF APPLICABLE.
17. THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO CONVEY A FUNCTIONAL PLUMBING SYSTEM AND TO DEPICT THE GENERAL LOCATION OF THE PLUMBING COMPONENTS.
18. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF PLUMBING WORK WITH THE WORK OF OTHER TRADES. MINOR DEVIATIONS FROM THE PLANS MAY BE MADE TO AVOID MINOR CONFLICTS. WHEN MAJOR CONFLICTS ARE APPARENT, THE CONTRACT OFFICER SHALL BE ADVISED IMMEDIATELY AND AFFECTED WORK SHALL NOT BE CONSIDERED UNTIL THE CONFLICT HAS BEEN RESOLVED.
19. THE CONTRACTOR SHALL VERIFY ALL VOLTAGE AND POWER REQUIREMENTS FOR ALL EQUIPMENT AND COORDINATE WITH THE CONTRACT DRAWINGS PRIOR TO ISSUANCE OF SHOP DRAWINGS AND PURCHASE OF EQUIPMENT.
20. ALL SYSTEMS SHALL BE CLEAN OF FOREIGN MATERIAL AND ROUGH SPOTS PRIOR TO BEING PLACED IN SERVICE AND BEFORE OPERATIONAL TESTS ARE PERFORMED.
21. INSTALLATION OF ALL EQUIPMENT AND THEIR ACCESSORIES SHALL BE PER MANUFACTURER'S PUBLISHED RECOMMENDATIONS.
22. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL THE PLUMBING SYSTEM SO AS TO ENSURE QUIET OPERATION. NO VIBRATION OF SOUND SHALL BE TRANSMITTED TO THE BUILDING STRUCTURE. THE DECISION OF THE CONTRACT OFFICER AS TO QUIETNESS OF THE SYSTEM AND EQUIPMENT SHALL BE FINAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CORRECT OR REPLACE ANY NOISY SYSTEMS OR EQUIPMENT AS REQUIRED.
23. PROVIDE ACCESS DOORS AND/OR PANELS NECESSARY TO SERVICE ALL EQUIPMENT AND ACCESSORIES THAT REQUIRE SERVICE AND/OR MAINTENANCE AND ARE LOCATED ABOVE INACCESSIBLE CEILINGS OR WALLS. ACCESS DOOR SIZES SHALL PERMIT FULL ACCESSIBILITY TO EQUIPMENT AND/OR ACCESSORIES, BUT NOT LESS 18" X 18". ACCESS DOORS SHALL MATCH THE WALL OR CEILING RATING AT THE LOCATION WHERE THEY ARE PLACED.
24. ALL PIPING SHALL BE INSTALLED TIGHT TO UNDERSIDE OF STRUCTURAL CONSTRUCTION UNLESS OTHERWISE NOTED.
25. THE CONTRACTOR IS RESPONSIBLE FOR ALL ROUGH-IN, FINAL CONNECTIONS, AND PROPER INSTALLATION OF FIXTURES INCLUDING ASSOCIATED PIPING. MOUNT FAUCETS, SUPPLY ANY TRAPS, VALVES, FITTINGS, VACUUM BREAKERS, PRESSURE GAUGES, OR PRESSURE REGULATORS FOR A COMPLETE INSTALLATION WHICH MEETS THE APPLICABLE CODES.
26. ALL WORK ON THIS PROJECT SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES, REGULATIONS, AND THE AUTHORITY HAVING JURISDICTION.
27. PROVIDE TRAP PRIMER VALVES FOR ALL DRAINS WHICH REQUIRE A SOURCE OF WATER SUPPLY TO MAINTAIN TRAP SEAL. PRIMER VALVES SHALL BE CONNECTED TO THE NEAREST COLD WATER LINE SERVING A FIXTURE.
28. CONTRACTOR SHALL FURNISH AND INSTALL WATER SHOCK ARRESTORS DOWN STREAM OF SOLENOID AND QUICK CLOSING VALVES. AIR CHAMBERS SHALL NOT BE CONSIDERED AN EQUAL TO WATER ARRESTORS AS SPECIFIED.
29. CONTRACTOR SHALL SLEEVE ALL PIPING CROSSING THROUGH OR UNDERNEATH STRUCTURAL MEMBERS. NOTIFY ARCHITECT AND ENGINEERS PRIOR TO PROCEEDINGS WITH WORK TO ASSURE STRUCTURAL SUPPORT WILL NOT BE AFFECTED.
30. DOMESTIC WATER SHALL BE SLOPED (MINIMUM) TO DRAIN POINTS. DRAIN VALVES SHALL BE PROVIDED AT LOW POINTS.
31. ALL POTABLE WATER PIPING SHALL BE DISINFECTED AND FLUSHED IN FULL ACCORDANCE WITH THE LOCAL AUTHORITIES HAVING JURISDICTION.
32. ALL EXISTING PLUMBING PIPES WHERE NEW PIPES ADDED NOT MENTIONED TO REMAIN, CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION, SIZE, AND WORKING CONDITION OF ALL EXISTING PIPES, A SURVEY NEED TO BE CONDUCTED AND REPLACE WITH NEW AS NEEDED.
33. CONTRACTOR TO FIELD VERIFY ALL EXISTING WATER PIPES LOCATION, SIZE, AND CONDUCT STERILIZE, FLUSHED FOR CHLORINE FREE, DEBRIS AND CONTAMINANTS TO AVOID ANY HARMFUL SITUATIONS.
34. CONTRACTOR TO FIELD VERIFY ALL EXISTING SANITARY DRAINS AND ALL ASSOCIATED PIPES NEED TO CLEAN FOR DEBRIS AND CONTAMINANTS TO AVOID ANY BLOCKAGES.
35. THE CONTRACTOR SHALL COORDINATE ALL REMOVAL REQUIRED WITH PLUMBING PIPING, FIXTURE AND EQUIPMENT SYSTEMS THAT MUST REMAIN IN SERVICE DURING CONSTRUCTION. WHERE SYSTEMS MUST REMAIN IN SERVICE DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE MEANS AND METHODS OF ISOLATING THE SYSTEMS TO BE REMOVED WITH THE SYSTEMS TO REMAIN IN SERVICE. MEANS AND METHODS SHALL INCLUDE TEMPORARY CAPS AND ISOLATION VALVES.

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4/11/2025

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

PLUMBING DATA SHEET

100% CD

04/16/25

SHEET P001

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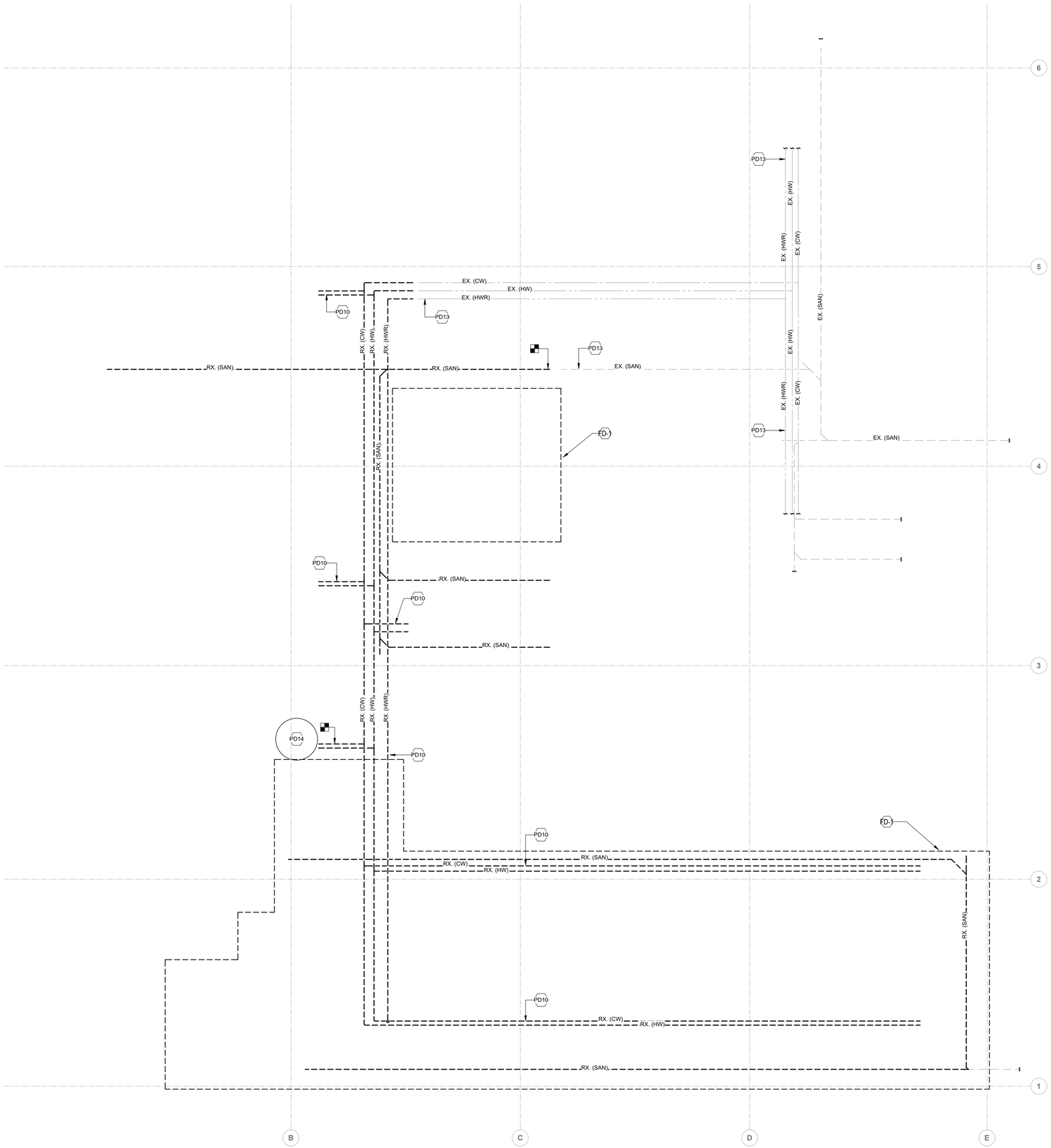

1 P101 FIRST FLOOR PLUMBING DEMOLITION PLAN
3/16" = 1'-0"

PLUMBING KEYED NOTES	
PD01	REMOVE WALL HUNG LAVATORY AND ALL ASSOCIATED SUPPORTS, ROUGH-INS, ACCESSORIES, HOT & COLD WATER, WASTE & VENT PIPING, ETC. IN THEIR ENTIRETY. DISCONNECT AND CAP-OFF EXISTING PIPING IN WALL/CEILING/FLOOR AT THE NEAREST MAIN PIPING WHERE NOT REUSED. DO NOT ABANDON UNUSED PORTION OF THE PIPING.
PD02	REMOVE FLOOR MOUNTED WATER CLOSET AND ALL ASSOCIATED SUPPORTS, ROUGH-INS, ACCESSORIES, HOT & COLD WATER, WASTE & VENT PIPING, ETC. IN THEIR ENTIRETY. DISCONNECT AND CAP-OFF EXISTING PIPING IN WALL/CEILING/FLOOR AT THE NEAREST MAIN PIPING WHERE NOT REUSED. DO NOT ABANDON UNUSED PORTION OF THE PIPING.
PD04	REMOVE COUNTER MOUNTED LAVATORY AND ALL ASSOCIATED SUPPORTS, ROUGH-INS, ACCESSORIES, HOT & COLD WATER, WASTE & VENT PIPING, ETC. IN THEIR ENTIRETY. DISCONNECT AND CAP-OFF EXISTING PIPING IN WALL/CEILING/FLOOR AT THE NEAREST MAIN PIPING WHERE NOT REUSED. DO NOT ABANDON UNUSED PORTION OF THE PIPING.
PD05	REMOVE SHOWER AND ALL ASSOCIATED SUPPORTS, ROUGH-INS, ACCESSORIES, HOT & COLD WATER, WASTE & VENT PIPING, ETC. IN THEIR ENTIRETY. DISCONNECT AND CAP-OFF EXISTING PIPING IN WALL/CEILING/FLOOR AT THE NEAREST MAIN PIPING WHERE NOT REUSED. DO NOT ABANDON UNUSED PORTION OF THE PIPING.
PD06	REMOVE WALL HUNG URINAL AND ALL ASSOCIATED SUPPORTS, ROUGH-INS, ACCESSORIES, HOT & COLD WATER, WASTE & VENT PIPING, ETC. IN THEIR ENTIRETY. DISCONNECT AND CAP-OFF EXISTING PIPING IN WALL/CEILING/FLOOR AT THE NEAREST MAIN PIPING WHERE NOT REUSED. DO NOT ABANDON UNUSED PORTION OF THE PIPING.
PD09	REMOVE MOP SINK AND ALL ASSOCIATED SUPPORTS, ROUGH-INS, ACCESSORIES, HOT & COLD WATER, WASTE & VENT PIPING, ETC. IN THEIR ENTIRETY. DISCONNECT AND CAP-OFF EXISTING PIPING IN WALL/CEILING/FLOOR AT THE NEAREST MAIN PIPING WHERE NOT REUSED. DO NOT ABANDON UNUSED PORTION OF THE PIPING.
PD10	DISCONNECT AND REMOVE ALL EXISTING WATER PIPING AND ALL ASSOCIATED PIPE SUPPORTS, INSULATION, ANCHORS, PIPE GUIDES, ETC. IN THEIR ENTIRETY WHETHER SHOWN OR NOT FROM THE POINT OF DISCONNECTION SHOWN. DISCONNECT AND CAP-OFF PIPING AND FINISH UNUSED FLOOR/WALL/CEILING OPENINGS. DO NOT ABANDON UNUSED PORTION OF THE PIPING. PREPARE EXISTING PIPING FOR NEW CONNECTION AS SHOWN NEW WORK PLAN. NOT ALL PIPING SHOWN.
PD13	EXISTING PIPING TO REMAIN UNLESS OTHERWISE NOTED.
PD14	EXISTING GAS FIRED WATER HEATER. 125 GALLON STORAGE CAPACITY. 199 MBH GAS INPUT. 239 GALLONS RECOVERY FROM 40F TO 120F. 115 VOLTS, SINGLE PHASE AT 60 HZ AND 2 AMPS. ALL PIPING AND APPURTENANCES TO REMAIN. EXISTING WATER HEATER IS ALSO PROVIDED WITH A RECIRCULATION PUMP THAT IS TO REMAIN. CONTRACTOR TO FIELD VERIFY CONDITIONS OF EQUIPMENT/PIPING. NOTIFY OWNER OF ANY DEFECIENCIES.

FIRE PROTECTION GENERAL DEMOLITION KEYNOTES	
1	CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AND SCOPE OF WORK PRIOR TO SUBMITTING BIDS.
2	EXISTING CONDITIONS, WHERE SHOWN, IS BASED ON AVAILABLE AS-BUILT DOCUMENTATION FROM THE OWNER. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS ACTUAL CONDITIONS MAY VARY.
3	EXISTING FIRE PROTECTION SYSTEM COMPONENTS IN THE SCOPE OF WORK AREA THAT ARE FOUND TO BE DAMAGED OR NOT IN REUSABLE CONDITION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND REPLACED WITH NEW.
4	CONTRACTOR SHALL COORDINATE ALL REMOVAL, DISPOSAL, AND STORAGE OF EXISTING EQUIPMENT WITH THE OWNER.
5	SHUTDOWN OF SPRINKLER SYSTEM TO PERFORM REQUIRED WORK SHALL BE KEPT TO A MINIMUM AND COORDINATED WITH THE OWNER AT LEAST THREE DAYS IN ADVANCE. SPRINKLER SYSTEM SHALL NOT BE SHUTDOWN WITHOUT OWNER APPROVAL.
6	EXISTING SPRINKLER SYSTEMS LOCATED OUTSIDE OF THE WORK AREA SHALL NOT BE AFFECTED AND REMAIN FULLY OPERATIONAL DURING THE COURSE OF THE RENOVATION. WHERE THIS CANNOT BE AVOIDED, TEMPORARY FIRE PROTECTION MEASURES SHALL BE PROVIDED IN THE AFFECTED AREAS IN THE FORM OF AN APPROVED FIRE WATCH OR OTHER APPROVED METHODS ACCEPTABLE TO THE AHJ.
7	INFORMATION SHOWN ON DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE EXISTING CONDITIONS IN DETAIL OR DIMENSION. DETERMINE EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITIN...
8	CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING FIRE PROTECTION PIPING PRIOR TO START OF DEMOLITION WORK.
9	ANY DAMAGES TO THE EXISTING ELEMENTS OR ANY ITEMS NOT IN SCOPE OF WORK SHALL BE REPAIRED AND BROUGHT TO EXISTING CONDITION WITHOUT ANY ADDITIONAL COST.
10	REMOVE EXISTING FIRE PROTECTION VALVES/SPRINKLER HEADS CONNECTION ALONG WITH ITS ACCESSORIES AND PIPING BACK TO MAINS. COORDINATE WITH OWNER FOR DISPOSAL/STORAGE.

FIRE PROTECTION KEYED DEMOLITION NOTES	
FD-1	REMOVE ALL EXISTING FIRE PROTECTION ASSOCIATED VALVES, SPRINKLER HEADS & ALL ASSOCIATED PIPING IN THE INDICATED AREA BACK TO MAIN & CAP. CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION & AREA OF REMOVAL WORK WITH NEW LAYOUT. SPRINKLER MAINS MAY BE REUSED IF THE EXISTING SIZES MEET THE CURRENT REQUIREMENTS OF NFPA AND DO NOT INTERFERE WITH ANY NEW WORK (ARCHITECTURAL, MECHANICAL, ELECTRICAL).

0' 2' 4' 8' 16' 24'
SCALE : 3/16" = 1'-0"

CONSULTANTS

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SEAL

4/11/2025

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS
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SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

FIRST FLOOR PLUMBING DEMOLITION PLAN

100% CD
04/16/25

SHEET P101

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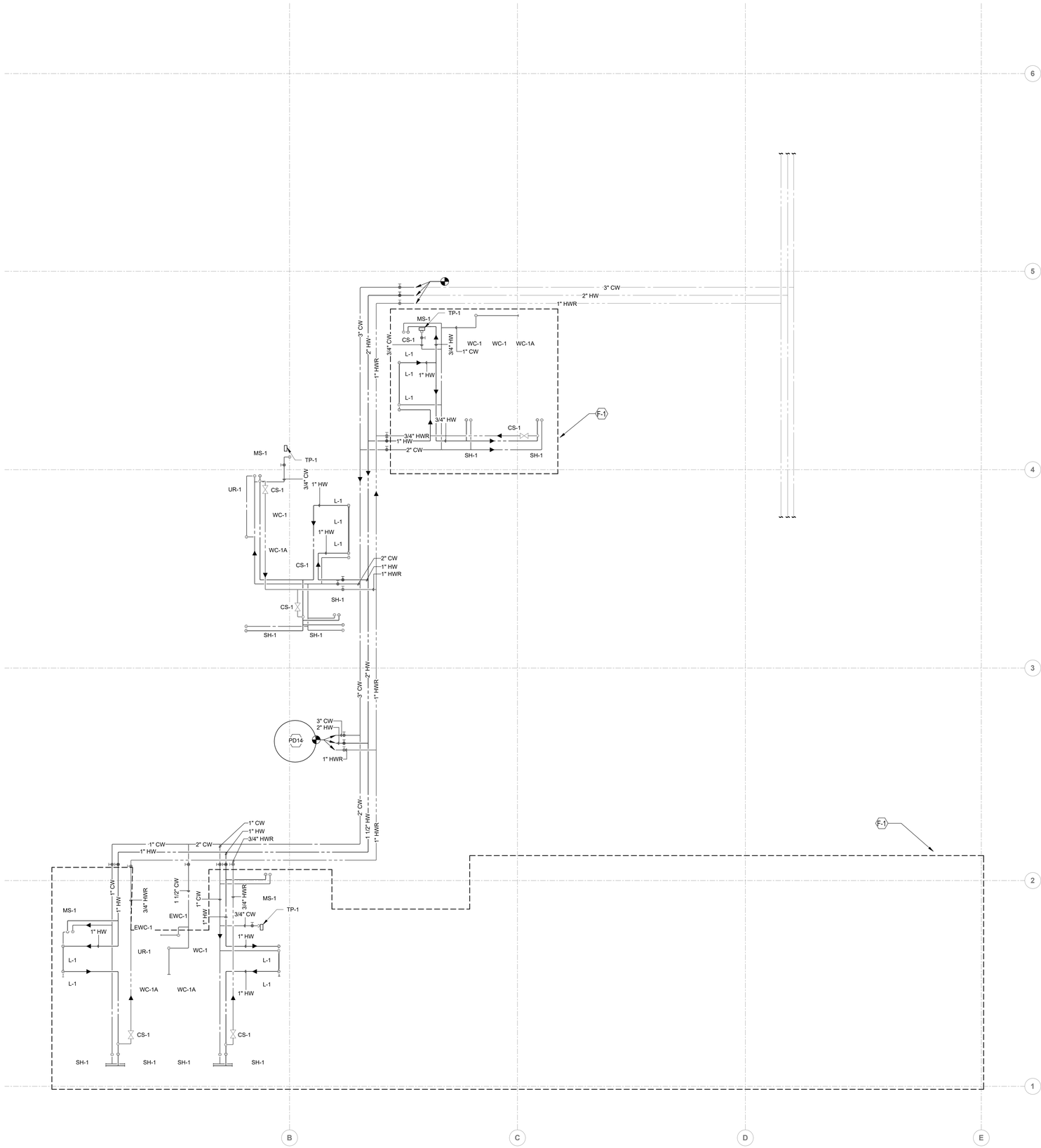

2 FIRST FLOOR PLUMBING SUPPLY PLAN
P201 3/16" = 1'-0"

0' 2' 4' 8' 16' 24'
SCALE : 3/16" = 1'-0"

PLUMBING KEYED NOTES	
PD14	EXISTING GAS FIRED WATER HEATER. 125 GALLON STORAGE CAPACITY. 199 MBH GAS INPUT. 239 GALLONS RECOVERY FROM 40F TO 120F. 115 VOLTS, SINGLE PHASE AT 60 HZ AND 2 AMPS. ALL PIPING AND APPURTENANCES TO REMAIN. EXISTING WATER HEATER IS ALSO PROVIDED WITH A RECIRCULATION PUMP THAT IS TO REMAIN. CONTRACTOR TO FIELD VERIFY CONDITIONS OF EQUIPMENT/PIPING. NOTIFY OWNER OF ANY DEFECIENCIES.

FIRE PROTECTION GENERAL DEMOLITION KEYNOTES	
1	SPRINKLER SYSTEM SHALL BE DESIGNED IN ACCORDANCE WITH NFPA 13 HAZARD CLASSIFICATIONS AND THEIR CORRESPONDING DESIGN DENSITY, DESIGN AREA, AND HOSE STREAM REQUIREMENTS. PIPE SCHEDULE METHOD IS NOT PERMITTED TO BE USED. MINIMUM SAFETY FACTOR OF 10 PSI SHALL BE PROVIDED.
2	LIGHT HAZARD: RESTROOMS, FITNESS AND SPIN STUDIO SPACES SHALL BE DESIGNED USING 0.1 GPM/SF OVER 1500 SF WITH 100 GPM HOSE STREAM. MAXIMUM SPRINKLER PROTECTION AREA SHALL NOT EXCEED 225 SF.
3	DESIGN AREA REDUCTION FOR USE OF QUICK RESPONSE SPRINKLERS IS PERMITTED IN ACCORDANCE WITH NFPA 13.

FIRE PROTECTION NEW WORK KEYED NOTES	
F-1	MODIFY EXISTING SPRINKLER SYSTEM SERVING THE RENOVATED AREA. PROVIDE NEW SPRINKLER HEADS IN ALL AREAS WITH PROPER SPRINKLER COVERAGE. LOCATIONS SHALL BE DESIGNED BY THE SPRINKLER CONTRACTOR IN ACCORDANCE WITH NFPA 13. ADD NEW BRANCH PIPES FROM THE EXISTING MAINS WHERE REQUIRED, PIPE MATERIAL TO MATCH WITH THE EXISITNG. COORDINATE SPRINKLER LOCATIONS WITH EQUIPMENT, LIGHTING, FURNITURE, AND ALL OTHER TRADES. SPRINKLER HEADS SHALL BE LOCATED IN CENTER OF CEILING TILES. REFER TO THE SPECIFICATION FOR ADDITIONAL REQUIREMENTS.

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4/11/2025

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

FIRST FLOOR PLUMBING SUPPLY PLAN

100% CD
04/16/25

SHEET P201

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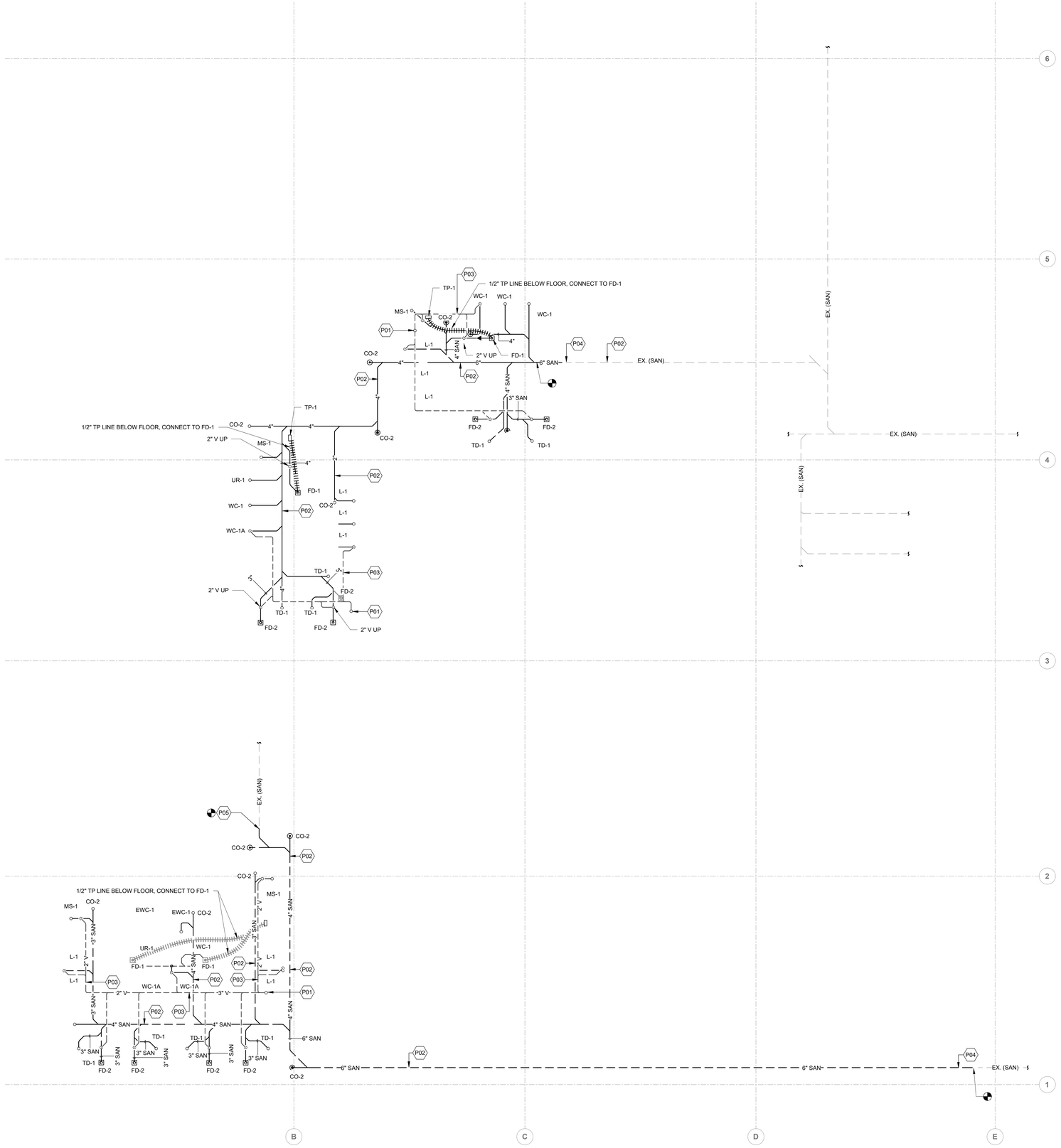
PLUMBING KEYED NOTES	
P01	3" VENT THRU ROOF.
P02	PIPING SHOWN IS BELOW FINISHED FLOOR.
P03	PIPING SHOWN IS ABOVE FINISHED CEILING.
P04	CONNECT NEW 6 INCH SANITARY PIPE TO EXISITNG SANITRAY PIPE SIZE OF MINIMUM 6 INCHES, CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION, SIZE AND DEPTH OF PIPE AVAILABLE BY VIDEOS/ CAMERA SURVIVALANCE AND CONNECT NEW PIPE TO MATCH WITH THE EXISTING IN TERMS OF SIZE AND ELEVATION, TRIM/ EXTEND THE EXISTING PIPE TO MATCH WITH THE NEW PIPE ELEVATIONS.
P05	CONNECT NEW 4 INCH SANITARY PIPE BACK TO THE EXISITNG SANITRAY PIPE SIZE SERVING THE OTHER EXISTING FIXTURES THAT IS TO REMAIN, CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION, SIZE AND DEPTH OF PIPE AVAILABLE BY VIDEOS/ CAMERA SURVIVALANCE AND CONNECT NEW PIPE TO MATCH WITH THE EXISTING IN TERMS OF SIZE AND ELEVATION, TRIM/ EXTEND THE EXISTING PIPE TO MATCH WITH THE NEW PIPE ELEVATIONS.



1 P301 FIRST FLOOR PLUMBING DRAINAGE PLAN
3/16" = 1'-0"

0' 2' 4' 8' 16' 24'
SCALE : 3/16" = 1'-0"

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CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 0003711

FIRST FLOOR PLUMBING DRAINAGE PLAN

100% CD

04/16/25

SHEET P301

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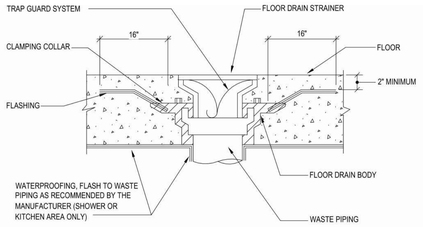
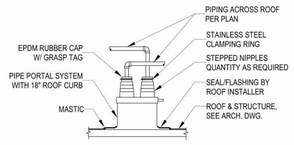


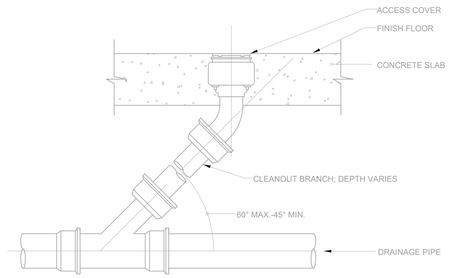
1 FLOOR DRAIN INSTALLATION - TYPICAL

SCALE: NONE



2 PIPE PORTAL - TYPICAL

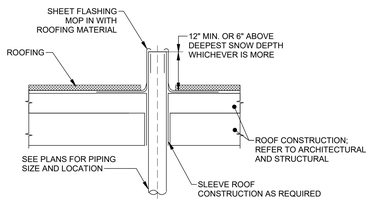
SCALE: NONE



NOTES:
1. PROVIDE EXTRA HEAVY DUTY POLISHED BRONZE OR NICKEL BRONZE COVER IN FINISHED AREAS ONLY; CAST IRON IN UNFINISHED AREAS.
2. FLOOR CLEANOUT SHOWN. CLEANOUT AT GRADE SIMILAR EXCEPT PROVIDE 12"X12"X6" D CONCRETE BLOCK AT GRADE.

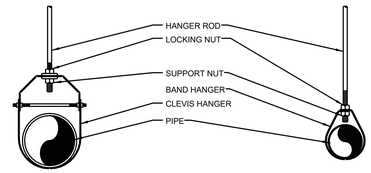
3 TYPICAL FLOOR CLEAN OUT DETAIL

SCALE: NONE



4 FLAT ROOF PENETRATION DETAIL

SCALE: NONE



HANGER ROD SCHEDULE	
PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA.
2 1/2" THRU 3"	1/2" DIA.
4" AND 5"	5/8"

HANGER ROD SPACING	
PIPE SIZE	MAX. ALLOWABLE SPACING
1"	7'
1 1/4"	8'
1 1/2"	9'
2"	10'
2 1/2"	11'
3" THRU 8"	12'

5 PIPE HANGER DETAIL

SCALE: NONE

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SEAL

4/11/2025

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

PLUMBING DETAILS

100% CD

04/16/25

SHEET P501

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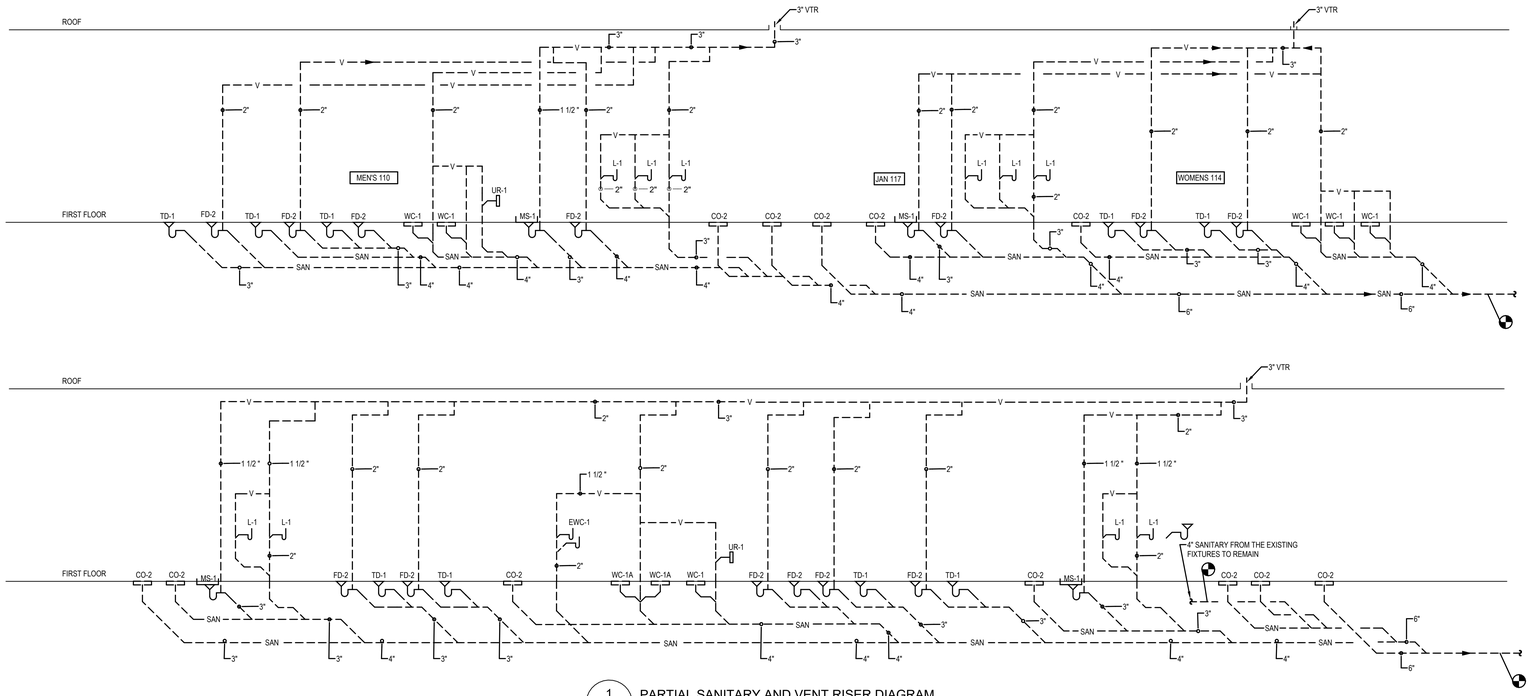
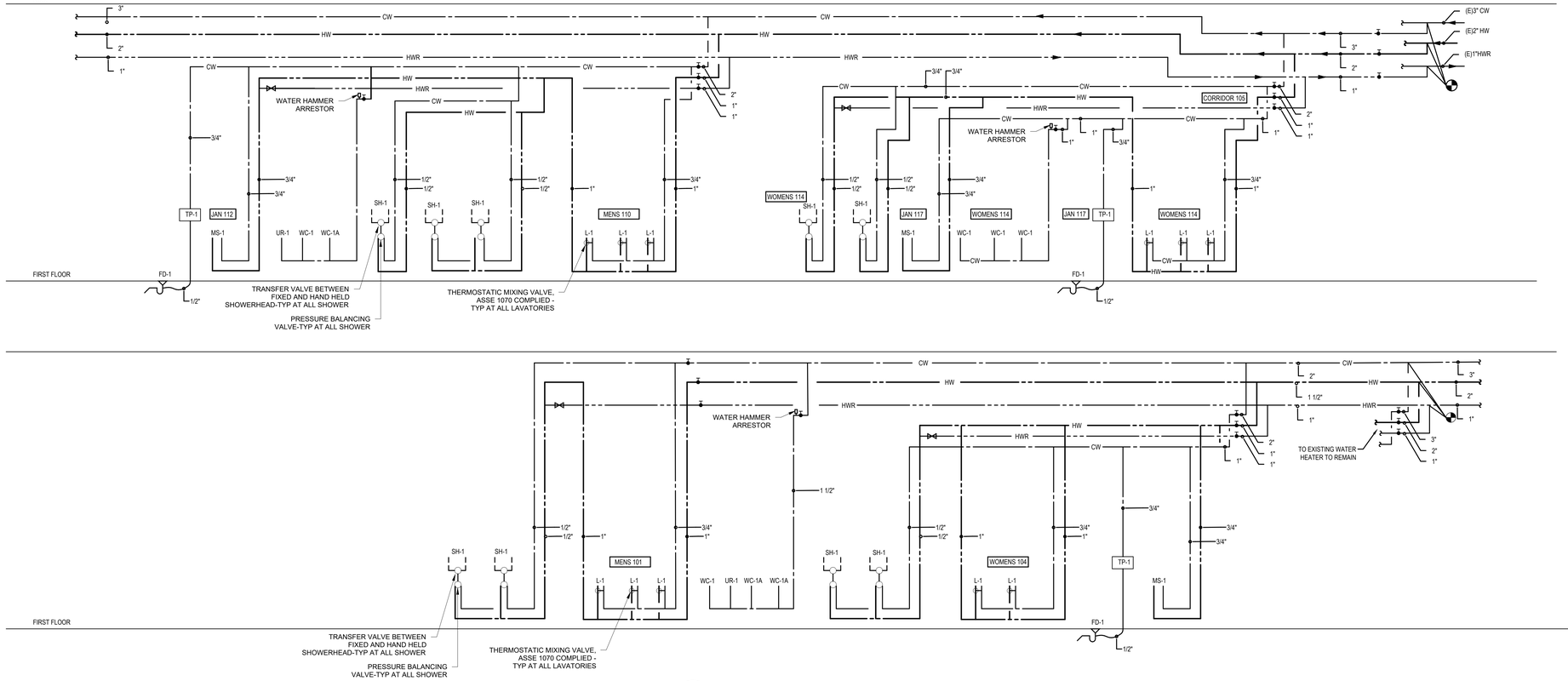


1 P601 PARTIAL SANITARY AND VENT RISER DIAGRAM

SCALE: NOT TO SCALE



2 P601 PARTIAL DOMESTIC WATER RISER DIAGRAM

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PLUMBING RISER DIAGRAMS

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SHEET P601

PLUMBING FIXTURE / EQUIPMENT SCHEDULE

TAG	DESCRIPTION	PIPE SIZES				REMARKS
		CW	HW	WASTE	VENT	
WC-1	WATER CLOSET	1"	-	4"	2"	HIGH EFFICIENCY TOILET SYSTEM WITH EXPOSED, BATTERY POWERED, SENSOR ACTIVATED, ELECTRONIC 1.28 GPF FLUSHOMETER AND FLOOR MOUNTED VITREOUS CHINA ELONGATED BOWL FIXTURE; EXTRA HEAVY WEIGHT, OPEN FRONT SEAT
WC-1A	WATER CLOSET - ADA	1"	-	4"	2"	ACCESSIBLE, HIGH EFFICIENCY TOILET SYSTEM WITH EXPOSED, BATTERY POWERED, SENSOR ACTIVATED, ELECTRONIC 1.28 GPF FLUSHOMETER AND FLOOR MOUNTED VITREOUS CHINA ELONGATED BOWL FIXTURE; EXTRA HEAVY WEIGHT, OPEN FRONT SEAT
L-1	LAVATORY (UNDERMOUNT)	1/2"	1/2"	1-1/2"	1-1/4"	ACCESSIBLE, SINGLE-PIECE, STONE, MULTI-STATION LAVATORY SYSTEM - REAR/LEFT/RIGHT SPLASH BACK WITH SINGLE HOLE ELECTRONIC SENSOR OPERATED FAUCET, FRONT INTEGRAL OVERFLOW, CENTER FLAT STRAINER DRAIN, SPECIAL COLOR
UR-1	URINAL	3/4"	-	2"	2"	HIGH EFFICIENCY URINAL SYSTEM WITH EXPOSED, BATTERY POWERED, SENSOR ACTIVATED URINAL FLUSHOMETER WITH SMART SENSE TECHNOLOGY AND WALL HUNG VITREOUS CHINA URINAL FIXTURE
SH-1	SHOWER - INDIVIDUAL	1/2"	1/2"	3"	2"	ACCESSIBLE, 1.75 GPM, WATER SENSE CERTIFIED. OTHER ACCESSORIES AND SHOWER MODULE SPECIFIED ON ARCHITECTURAL PLANS & SPECIFICATIONS. PROVIDE FD-2 AND TD-1.
MB-1	MOP SERVICE BASIN	3/4"	3/4"	3"	2"	FLOOR MOUNTED, ONE PIECE, PRECAST TERRAZZO, 36" X 24" X 12", WITH UTILITY FAUCET, STAINLESS STEEL BACK SPLASH ON TWO SIDES, AND MOP HANGER.
EWC-1	WATER COOLER WITH BOTTLE FILLER STATION	1/2"	1/2"	1-1/2"	1-1/2"	ACCESSIBLE, WALL MOUNTED, HIGH EFFICIENCY, VANDAL-RESISTANT, DUAL LEVEL STAINLESS STEEL WITH BOTTLE FILLER & WATER FILTER, CANE TOUCH APRON. 8 GPH OF 50 °F WATER @ 90 °F AMBIENT AND 80 °F INLET WATER. 2.8 FLA, 120 V / 1 PH /60 HZ

PLUMBING FIXTURE SCHEDULE NOTES:

1. COORDINATE MOUNTING HEIGHTS AND LOCATIONS FOR ALL FIXTURES BEFORE INSTALLATION, REFER TO ARCHITECTURAL ELEVATION DRAWINGS. ROUGH-IN AND INSTALL BARRIER-FREE/ACCESSIBLE FIXTURES PER ADA REQUIREMENTS.
2. PROVIDE FLOOR MOUNTED CHAIR-CARRIER TYPE FIXTURE SUPPORTS FOR EACH OFF-THE-FLOOR MOUNTED FIXTURE SUCH AS LAVATORIES, URINALS, WATER CLOSETS, WATER COOLERS, AND SIMILAR OTHER FIXTURES.
3. PROVIDE MANUFACTURED PROTECTIVE SHIELDING PIPE COVERS AND ENCLOSURES FOR COVERING EACH ADA PLUMBING FIXTURE HOT- AND COLD-WATER SUPPLIES AND TRAP AND DRAIN PIPING TO COMPLY WITH ADA REQUIREMENTS. TRUEBRO LAV GUARD2 OR APPROVED EQUAL WATTS FLOODSAFE MODEL FS-CFC-S BRAIDED STAINLESS STEEL FAUCET AUTO SHOT-OFF CONNECTIONS.
4. COORDINATE AND PROVIDE POWER SUPPLY TO EACH ELECTRONIC HARDWIRED FAUCET WHETHER SHOWN OR NOT.

WATER CLOSET: AMERICAN STANDRAD, MADERA - 2234.001
FLUSH VALVE: AMERICAN STANDARD- 6065.121.002

WATER CLOSET: AMERICAN STANDRAD, MADERA - 3043.001
FLUSH VALVE: AMERICAN STANDARD- 6065.121.002

LAVATORY: KOHLER K-2882-0
FAUCET: KOHLER K-13461, BATTERY POWERED, 0.5GPM

URINAL: AMERICAN STANDRAD, WASHBROOK 6590.001
FLUSH VALVE: AMERICAN STANDRAD, ULTIMA 6063013.002, BATTERY POWERED, 0.125GPF

SHOWER BASE: TILE TYPE. SHOWER KIT: MOEN- T8343EP 15 SERIES, PRESSURE BALANCING VALVE AND TRANSFER VALVE.
FIXED SHOWER HEAD: MOEN- 200WO SERIES 1.75GPM. HANDHELD SHOWER HEAD: MOEN- 8349EP17 1.75GPM

MOP SINK: FIAT MSB2424
FAUCET: FIAT 830-AA

ELKAY MODEL LZSTL8WSLP

WATER HAMMER ARRESTOR CAPACITIES

CONN. SIZE	PDI SIZE	FIXTURE UNIT CAPACITY	CUBIC UNIT VOLUME
1/2"	A	1 TO 11	5
3/4"	B	12 TO 32	7
1"	C	33 TO 60	11
1"	D	61 TO 113	20
1"	E	114 TO 154	29
1"	F	155 TO 330	34

NOTES:
MATCH TOTAL FIXTURE UNITS OF BRANCH LINE
TO CORRECT SIZE OF WATER HAMMER ARRESTOR

PLUMBING SPECIALTIES SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL	CAPACITY	SIZE L x W x H (INCHES)	DETAIL	REMARKS
CO-1	CLEANOUT - FLOOR (CONCRETE)	ZURN	ZB-1400-BP-HD	MINIMUM 4", LINE SIZE (UNO)	SEE PLANS	-	
CO-2	CLEANOUT - FLOOR (VCT/CERAMIC TILE)	ZURN	ZB-1400-BP-TX	MINIMUM 4", LINE SIZE (UNO)	SEE PLANS	-	
CO-3	CLEANOUT - FLOOR (QUARRY TILE)	ZURN	ZB-1400-BP-T	MINIMUM 4", LINE SIZE (UNO)	SEE PLANS	-	
CO-4	CLEANOUT - FLOOR (POURED TERRAZZO)	ZURN	ZB-1400-Z-BP	MINIMUM 4", LINE SIZE (UNO)	SEE PLANS	-	
CO-5	CLEANOUT - FLOOR (CARPET)	ZURN	ZB-1400-CM-BP	MINIMUM 4", LINE SIZE (UNO)	SEE PLANS	-	
WCO	CLEANOUT - WALL	ZURN	Z-1447-BP	MINIMUM 4", LINE SIZE (UNO)	SEE PLANS	-	
ECO	CLEANOUT - EXTERIOR	ZURN	Z-1400-BP-HD	MINIMUM 4", LINE SIZE (UNO)	SEE PLANS	-	
CO AP	CLEANOUT - ACCESS PANEL	ACUDOR	UF-5000-PS-CL-16X16	16X16 SQUARE		-	RECESSED
FD-1	FLOOR DRAIN - CONCRETE	ZURN	ZB-415-6BZ-VP	6" DIA. HEAVY DUTY, LEVELING STRAINER. 4" SIZE (UNO)	SEE PLANS	-	PROVIDE DEEP SEAL TRAP AND PROSET TRAP GUARD.
FD-2	FLOOR DRAIN - VCT/CERAMIC TILE	ZURN	ZN-415-6S-HD-VP	6" X 6" HEAVY DUTY STRAINER. 4" SIZE (UNO)	SEE PLANS	-	PROVIDE DEEP SEAL TRAP AND PROSET TRAP GUARD.
FD-3	FLOOR DRAIN - QUARRY TILE	ZURN	ZB-415-6S-HD-VP	6" X 6" HEAVY DUTY STRAINER. 4" SIZE (UNO)	SEE PLANS	-	PROVIDE DEEP SEAL TRAP AND PROSET TRAP GUARD.
FD-4	FLOOR DRAIN - POURED TERRAZZO	ZURN	ZN-415-6BZ-VP	6" DIA. HEAVY DUTY, LEVELING STRAINER. 4" SIZE (UNO)	SEE PLANS	-	PROVIDE DEEP SEAL TRAP AND PROSET TRAP GUARD.
FD-5	FLOOR DRAIN - EXTRA HEAVY DUTY	ZURN	ZB-662-AR-YA	16" X 16" EXTRA HEAVY DUTY STRAINER. 4" SIZE (UNO)	SEE PLANS	-	PROVIDE DEEP SEAL TRAP AND PROSET TRAP GUARD.
HB-1	HOSE BIBB	ACORN ENGINEERING	8130 SERIES	5 GPM, ¾" SIZE	-	-	CHROME-PLATED POLISHED FINISH WITH VACUUM BREAKER
RD	ROOF DRAIN	ZURN	ZA-100-C-EA-R-SC-VP-XJ-84	15": ALUMINUM DOME	SEE PLANS	-	-
TP-1	TRAP PRIMER SYSTEM	PPP, INC.	PT-12		14 X 16 X 4	-	RECESSED, 3/4" CW SUPPLY, 115 V / 1 PH / 60 HZ, 36" AFF
TD-1	TRENCH DRAIN	QUICKDRAIN	PROLINE RESINOUS DRAIN - PLD36N	36" TOTAL LENGTH, 3" SIZE (UNO)	-	-	BOTTOM DRAIN CONNECTION, SEE ARCHITECTURAL DRAWINGS, PROVIDE DEEP SEAL TRAP WITH A PROSET TRAPGUARD.
TWMV-1	THERMOSTATIC WATER MIXING VALVE - HILO	POWERS	434-HL-A-U	MINIMUM 2.5 GPM, MAXIMUM 65 GPM, 10 PSI DROP	28 X 10 X 40	-	1-1/4" INLET, 1-1/2" OUTLET, PAINTED STEEL, SURFACE MOUNTED
TWMV-2	THERMOSTATIC WATER MIXING VALVE - EMERGENCY TEMPERING	POWERS	ES150AG-150	14 GPM, 30 PSI DROP, 1/2" INLET & OUTLET	8 X 6 X 6	-	FOR EMERGENCY EYE WASH STATION, MOUNT INSIDE CABINET
WHA	WATER HAMMER ARRESTER	ZURN	Z-1700		-	-	
WH-1	WALL HYDRANT	ZURN	Z-1320-CL-WC-34UN	10 GPM, ¾" SIZE	-	-	RECESSED, MOUNT 36" ABOVE FINISHED GRADE

PLUMBING SPECIALTIES SCHEDULE NOTES:

1. REFER TO PLANS, DETAILS, AND OTHER DRAWINGS FOR PLUMBING SPECIALTIES SHOWN, NOT ALL SPECIALITIES USED.

HOT WATER RECIRCULATING BALANCING VALVE						
MARK	DESCRIPTION	MANUFACTURER & MODEL NO.	SERVICE FLOW RATE (GPM)	MAX PRESSURE (PSI)	MAX TEMP. (°F)	NOTES
CS-1	BALANCING VALVE	CIRCUIT SOLVER THERMOMEGATECH	0.2 - 0.6	200	250	300 SERIES STAINLESS STEEL

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PLUMBING SCHEDULES

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SHEET
P701

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GENERAL ELECTRICAL NOTES:

GENERAL: UNLESS SPECIFICALLY INDICATED OTHERWISE, ALL WORK SHOWN ON THE ELECTRICAL DRAWINGS IS NEW WORK TO BE PROVIDED UNDER THIS CONTRACT.

COORDINATION: COORDINATE AND COOPERATE WITH ALL TRADES ON THE PROJECT.

RECORD DRAWINGS: SECURE AN EXTRA SET OF ELECTRICAL DRAWINGS TO BE KEPT ON SITE AND MARK DAILY, THE DRAWINGS IN RED AS THE PROJECT PROGRESSES IN ORDER TO KEEP AN ACCURATE RECORD OF ALL DEVIATIONS BETWEEN THE WORK SHOWN ON THE DRAWINGS AND THE WORK WHICH IS ACTUALLY INSTALLED. THESE MARKED DRAWINGS SHALL REFLECT ANY AND ALL CHANGES AND REVISIONS TO THE ORIGINAL DESIGN WHICH EXISTS IN THE COMPLETED WORK. DELIVER THE MARKED DRAWINGS TO THE ARCHITECT OR ENGINEER AT PROJECT CLOSE-OUT.

TESTS: TEST ALL WIRING FOR CONTINUITY AND GROUNDS BEFORE CONNECTING ANY FIXTURES OR DEVICES. PERFORM INSULATION RESISTANCE TESTS ON ALL WIRING #8 OR LARGER TO ENSURE THAT ALL PORTIONS ARE FREE FROM SHORT-CIRCUITS AND GROUNDS.

INSPECTIONS: ARRANGE ALL NECESSARY INSPECTIONS. DELIVER ALL REQUIRED INSPECTION CERTIFICATES TO THE OWNER.

GROUNDING: PROVIDE GROUNDING IN ACCORDANCE WITH THE NEC FOR THE ELECTRICAL SYSTEM, INCLUDING EQUIPMENT FRAMES CONDUITS, SWITCHES, CONTROLLERS, WIRE-WAYS, NEUTRAL CONDUCTORS AND OTHER EQUIPMENT. PROVIDE A GROUNDING CONDUCTOR IN ALL CIRCUITS.

LABELS: PROVIDE LABELS FOR ALL PANELBOARDS, CABINETS, SAFETY SWITCHES, MOTOR-DISCONNECT SWITCHES, AND MOTOR CONTROLLERS. LABELS SHALL BE MACHINE ENGRAVED, LAMINATED PLASTIC.

J-BOX LABELING: LABEL ALL JUNCTION BOXES WITH PERMANENT MARKER IDENTIFYING CIRCUIT NUMBER AND PANELBOARD OF CIRCUITS WITHIN.

PANEL DIRECTORY: PROVIDE TYPEWRITTEN PANELBOARD DIRECTORY CARD IN EACH PANELBOARD FOR THIS PROJECT WITH CIRCUIT LOAD INFORMATION AND ROOM NUMBER CLEARLY IDENTIFIED. USE ACTUAL ROOM NUMBERS IN THE BUILDING, NOT THE ROOM NUMBERS SHOWN ON THE CONTRACT DRAWINGS, AS THEY ARE OFTEN DIFFERENT.

MOTOR COORDINATION: MOTORS, MOTOR STARTERS, CONTROLLERS, INTEGRAL DISCONNECT SWITCHES, AND CONTACTORS SHALL BE PROVIDED WITH THEIR RESPECTIVE PIECES OF EQUIPMENT BY THE EQUIPMENT SUPPLIER. COMMUNICATE WITH THE TRADES PROVIDING THE EQUIPMENT, VERIFYING ALL REQUIREMENTS. PROVIDE ALL ELECTRICAL CONNECTIONS REQUIRED THEREIN AND INSTALL MOTOR STARTERS.

MOTOR DISCONNECTS: ALL MOTORS SHALL HAVE DISCONNECTING MEANS.

MOTOR FUSE PROTECTION: WHERE FUSE PROTECTION IS SPECIFICALLY REQUIRED BY THE EQUIPMENT MANUFACTURER, PROVIDE FUSIBLE SWITCHES IN LIEU OF NON-FUSIBLE SWITCHES OR FUSIBLE ENCLOSED CIRCUIT BREAKERS OR OTHER DEVICES INDICATED.

CONNECTION DETAILS: SECURE APPROVED SHOP DRAWINGS SHOWING WIRING DIAGRAMS, ROUGH-IN AND HOOK UP DETAILS FOR EQUIPMENT WHICH MUST BE CONNECTED ELECTRICALLY.

EQUIPMENT DETAILS: MECHANICAL EQUIPMENT WILL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR. THE LOCATIONS SHOWN ON THE ELECTRICAL DRAWINGS ARE APPROXIMATE. COORDINATE WITH THE MECHANICAL CONTRACTOR TO DETERMINE THE EXACT LOCATION OF EACH PIECE OF EQUIPMENT AND DETERMINE THE EXACT ROUGH-IN AND CONNECTION REQUIREMENTS.

STARTER MOUNTING: WHERE AN INDIVIDUALLY MOUNTED SAFETY SWITCH, STARTER OR CIRCUIT BREAKER IS SHOWN ADJACENT TO ITS RESPECTIVE LOAD AND NOT MOUNTED ON A WALL, PROVIDE ALL SUPPORTS, BRACKETS, ANCHORING, ETC. NECESSARY TO PROPERLY SUPPORT THE DEVICE.

LIGHTING ARRANGEMENT: ARRANGE LIGHTING FIXTURES IN ACCORDANCE WITH THE ARCHITECTURAL REFLECTED CEILING PLANS.

LIGHTING COORDINATION: COORDINATE LIGHTING FIXTURES WITH GRILLES, DIFFUSERS, SPRINKLER HEADS, ACCESS PANELS, ETC.

LIGHT SENSOR COORDINATION: CEILING MOUNTED VACANCY AND OCCUPANCY SENSORS SHALL BE INSTALLED AT A MINIMUM DISTANCE OF 6 FEET FROM DIFFUSERS,

SMOKE DETECTOR COORDINATION: SMOKE DETECTORS SHALL BE INSTALLED AT A MINIMUM DISTANCE OF 3 FEET FROM DIFFUSERS.

MATERIAL COORDINATION: VERIFY CEILING AND WALL CONSTRUCTION AND MATERIAL PRIOR TO ORDERING LIGHT FIXTURES OR OTHER DEVICES TO ENSURE PROPER FIXTURES OR DEVICES ARE FURNISHED TO MATCH CONSTRUCTION.

MOUNTING HEIGHTS: MOUNTING HEIGHTS INDICATED ARE FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE WIRING DEVICE UNLESS OTHERWISE NOTED. MOUNTING HEIGHTS OF LIGHTING FIXTURES AND FIRE ALARM DEVICES ARE TO THE BOTTOM OF THE FIXTURE OR DEVICE UNLESS OTHERWISE NOTED.

DEVICE LOCATIONS: COORDINATE LOCATIONS OF SWITCHES, RECEPTACLES, AND TELE/DATA OUTLETS WITH OTHER WALL MOUNTED DEVICES SUCH AS THERMOSTATS AND CONTROL STATIONS. DO NOT MOUNT WIRING DEVICES BACK TO BACK.

DEVICE COORDINATION: THOROUGHLY REVIEW AND COORDINATE ALL CASEWORK, DOOR SWINGS, AND CABINET DRAWINGS AND ARCHITECTURAL ELEVATIONS WITH DEVICE LOCATIONS PRIOR TO ROUGH-IN OF OUTLET BOXES.

BARRIERS: WHERE A MULTIPLE GANG BOX HAS CIRCUITS OF DIFFERENT VOLTAGES OR SYSTEMS WHICH ARE REQUIRED TO BE SEPARATED, PROVIDE THE CODE-REQUIRED SEPARATION, USING A FULL HEIGHT AND DEPTH BARRIER PLATE.

FIRE PROOFING: FOR ANY WALL OR FLOOR PENETRATIONS THROUGH FIRE RATED STRUCTURES, PROVIDE FIRE-PROOFING TO SEAL ALL THE PENETRATIONS AFTER THE CONDUIT HAS BEEN INSTALLED. FIRE PROOFING FOR PENETRATIONS SHALL BE UL APPROVED PER THE THE PENETRATION MADE IN ORDER TO MAINTAIN FIRE RATED INTEGRITY OF THE STRUCTURE.

REFER TO ARCHITECTURAL SHEET A5002 FOR PENETRATION THROUGH FIRE RATED STRUCTURES

CLEAN UP: ON PROJECT CLOSE-OUT, CLEAN ALL ELECTRICAL DEVICES, LIGHTING FIXTURES, LAMPS AND LENSES, AND REMOVE ALL PAINT SPATTERS FROM DEVICES, FIXTURES, AND PLATES. REPLACE ALL INOPERATIVE LAMPS.

OWNER FURNISHED EQUIPMENT: CONTRACTOR SHALL OBTAIN CUT SHEETS, INSTALLATION DATA, AND ROUGH-IN REQUIREMENTS FOR OWNER FURNISHED, CONTRACTOR INSTALLED EQUIPMENT AND COORDINATE ROUGH-IN AND POWER REQUIREMENTS WITH THE OWNER'S REPRESENTATIVE PRIOR TO STARTING ANY ASSOCIATED WORK.

CONDUIT ROUTING: ALL CONDUIT RUN OVERHEAD SHALL BE RUN AT THE BOTTOM OF THE FLOOR, ROOF STRUCTURE, OR LOWEST CHORD OF JOIST SPACE (AS APPLICABLE) ABOVE IN ORDER TO AVOID CONFLICTS WITH OTHER TRADES.

WIRING DEVICES: ALL RECEPTACLES AND SWITCHES SHALL BE LABELED WITH CLEAR PLASTIC LAMINATED LABEL WITH BLACK TEXT, NOTING PANELBOARD DESIGNATION AND CIRCUIT NUMBER FROM WHICH IT IS FED.

EQUIPMENT DEMONSTRATION: PROVIDE A DEMONSTRATION OF THE OPERATION OF ALL ELECTRICAL COMPONENTS.

CEILING OR MECHANICAL ROOM PLENUM: ALL WIRING THAT WILL NOT BE RUN IN METAL CONDUIT SHALL BE PLENUM RATED. ALL ELECTRICAL EQUIPMENT WIRING DEVICES, LUMINAIRES, SWITCH WIRING, AND RECEPTACLES IN METAL BOXES SHALL COMPLY WITH NEC 210.70(A)(3) & NEC 300.22. ALL PREVIOUSLY STATED DEVICES SHALL ALSO MEET FLAME SPREAD RATINGS OF 25 OR LESS AND SMOKE DEVELOPMENT RATINGS OF 50 OR LESS PER ASTME-84 IN ALL PLENUM CLOSETS OR PLENUM RATED SPACES ABOVE DROP CEILINGS.

OVERHEAD CLEARANCE: PER NEC 110.26, NO DUCTWORK, PIPING, OR UNASSOCIATED CONDUIT SHALL BE LOCATED 6'-6" DIRECTLY OVERHEAD ANY INSTALLED ELECTRICAL EQUIPMENT.

GENERAL SPECIAL SYSTEM NOTES:

FIRE ALARM SYSTEM:

EXISTING FIRE ALARM SYSTEM SHALL REMAIN. ALLS DEVICES SHALL BE COMPATIBLE WITH EXISTING SYSTEM.

ALL FIRE ALARM NOTIFICATION DEVICES SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND NFPA 72.

ALL WIRING SHALL BE RUN IN CONDUIT (3/4" MINIMUM). MAKE ALL WIRE CONNECTIONS TO DEVICES PER MANUFACTURER'S RECOMMENDATION AND NFPA 72.

MANUFACTURER, IN CONJUNCTION WITH THE CONTRACTOR, SHALL DETERMINE CONDUIT AND WIRING REQUIREMENTS AND DOCUMENT ALL ADDITIONS AND CHANGES ON AS-BUILT RECORD DRAWINGS.

TELEPHONE AND DATA SYSTEMS:

THE CONTRACTOR SHALL PROVIDE ALL CONDUIT WITH PULL WIRE, AND 4" x 4" x 2 1/4" BOX WITH SINGLE GANG PLASTER RING UNLESS OTHERWISE NOTED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELECTRICAL REQUIREMENTS WITH THE VENDOR PRIOR TO ROUGH-IN.

STUB ALL CONDUITS WITH PULL WIRE FOR COMMUNICATIONS DEVICES TO ABOVE AN ACCESSIBLE CORRIDOR CEILING AND TERMINATE WITH INSULATED NYLON BUSHING. THE VENDOR WILL PROVIDE J-HOOKS ABOVE THE CEILING FROM THE STUB OUT TO EQUIPMENT LOCATION AS REQUIRED FOR HIS CABLING AND TERMINATE WITH INSULATED NYLONG BUSHING. WHERE A WALL SEPARATES THE CONDUIT STUB OUT FROM THE EQUIPMENT LOCATION, PROVIDE A 1" MINIMUM SLEEVE THROUGH THE WALL, ABOVE AN ACCESSIBLE CEILING, TO ACCOMMODATE THE CABLING. ALL CONDUITS AND SLEEVES PENETRATING RATED FIRE OR SMOKE WALLS SHALL BE PROVIDED WITH APPROVED FIRE RETARDANT TO PROVIDE A UL RATED WALL PENETRATION ASSEMBLY. MAINTAIN VENDOR RECOMMENDED SEPARATION BETWEEN WIRING OF DIFFERENT SYSTEMA ND FROM INTERFERENCE PRODUCING ELECTRICAL DEVICES SUCH AS FLOURESCENT LIGHTS, BALLAST, TRANSFORMERS, RELAYS, MOTOR CONTROLS, ETC.

ELECTRICAL GENERAL DEMOLITION NOTES:

GENERAL: DEMOLITION DRAWINGS ARE BASED ON EXISTING PLANS AND FIELD INVESTIGATION PRIOR TO DEMOLITION. VISIT THE EXISTING BUILDING PRIOR TO BID IN ORDER TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND IN ORDER TO AVOID CONFLICTS.

DASHED ITEMS: ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS ARE EXISTING AND SHALL BE REMOVED COMPLETE INCLUDING BOXES, CONDUIT, WIRE, FASTENERS, AND ASSOCIATED APPURTENANCES UON.

SOLID ITEMS: ALL ITEMS SHOWN SOLID ON DEMOLITION PLANS ARE EXISTING TO REMAIN.

CIRCUITING TO REMAIN: WHERE AFFECTED BY NEW WORK, EXISTING CIRCUITING TO REMAIN SHALL BE REROUTED OR RECONNECTED AS REQUIRED, IN ORDER TO MAINTAIN CONTINUITY OF CIRCUIT.

REUSE OF EXISTING CIRCUITRY: EXISTING CIRCUITS SHALL BE REUSED WHERE CONVENIENT TO SERVE THE NEW LAYOUT. PROVIDE CIRCUIT MODIFICATIONS INDICATED OR REQUIRED TO MAINTAIN CONTINUITY OF EXISTING CIRCUITS THAT REMAIN.

EXISTING CONDUIT: ALL EXISTING CONDUITS AND WIRING THAT WILL NOT BE REUSED SHALL BE REMOVED. EXISTING CONDUIT TO REMAIN CONCEALED IN WALLS SHALL BE ABANDONED. EXISTING CONDUIT TO REMAIN BELOW FLOOR SLAB SHALL BE CUT OFF ONE INCH BELOW ROUGH FLOOR AND GROUTED FLUSH. ALL EXISTING WIRING IN CONDUITS TO BE ABANDONED SHALL BE DISCONNECTED FROM POWER SOURCE AND REMOVED.

REPAIR DAMAGE: EXERCISE CARE IN REMOVAL OF DEMOLITION ITEMS. REPAIR, AT NO ADDITIONAL COST TO OWNER, ANY DAMAGE CAUSED TO EXISTING CONSTRUCTION AND/OR EQUIPMENT TO REMAIN.

ASSOCIATED APPURTENANCES: REMOVE ALL ELECTRICAL APPURTENANCES (DISCONNECTS, STARTERS, WIRING, CONDUIT, ETC.) ASSOCIATED WITH EQUIPMENT TO BE REMOVED BY OTHERS.

KNOCKOUT PLUGS AND COVERS: ALL CONDUIT REMOVED SHALL BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, MOUNTING DEVICES, MOUNTING HARDWARE, ETC. PROVIDE CONDUIT PLUGS AND BLANKS FOR ALL OPENINGS CREATED BY THE REMOVAL OF CONDUIT. PROVIDE BLANK COVER PLATES FOR ALL OPENED OUTLET BOXES CREATED BY THE REMOVAL OF THE EQUIPMENT AND/OR DEVICES.

DEMOLISHED MATERIALS: ALL MATERIALS REMOVED UNDER DEMOLITION, NOT TO BE RELOCATED OR DESIGNATED TO BE TURNED OVER TO THE OWNER, SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED COMPLETELY FROM THE SITE.

SCHEDULE OUTAGES: ALL WORK AND ALL POWER OUTAGES SHALL BE SCHEDULED AT TIMES CONVENIENT TO THE OWNER.

NOTIFICATION: NOTIFY THE OWNER PRIOR TO TURNING OFF ANY CIRCUITS.

EXISTING CIRCUITS: IF DURING THE COURSE OF CONSTRUCTION, IT IS DETERMINED BY THE CONTRACTOR THAT AN EXISTING CIRCUIT BECOMES SPARE, THE CONTRACTOR SHALL UPDATE THE PANELBOARD DIRECTORY TO INDICATE SUCH, EVEN IF IT IS NOT EXPLICITLY MARKED ON THE ELECTRICAL PLANS.

GENERAL

1	KEYNOTE.
	LIMIT OF DEMOLITION WORK.
	POINT OF CONNECTION, NEW TO EXISTING.

DETAIL OR SECTION NOTATION:
ENUMERATION: A = DETAIL, 1 = SECTION

ENUMERATION NUMBER OR LETTER

SHEET WHERE DETAIL OR SECTION IS SHOWN

WIRING DEVICE SYMBOL LEGEND

SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE AT 18" AFF, UON
U	DUPLEX RECEPTACLE AT 18" AFF, UON U = INCLUDES USB CHARGING OUTLET
	DOUBLE DUPLEX RECEPTACLE AT 18" AFF, UON, TYPE AS INDICATED ON DRAWINGS
	DUPLEX RECEPTACLE MOUNTED 8" ABOVE COUNTER, UON
	DOUBLE DUPLEX RECEPTACLE MOUNTED 8" ABOVE COUNTER, UON
	DUPLEX RECEPTACLE GROUND FAULT CIRCUIT INTERRUPTER TYPE AT 18" AFF, UON
	DOUBLE DUPLEX RECEPTACLE GROUND FAULT CIRCUIT INTERRUPTER TYPE AT 18" AFF, UON
	DUPLEX RECEPTACLE GROUND FAULT CIRCUIT INTERRUPTER MOUNTED 8" ABOVE COUNTER, UON
	DOUBLE DUPLEX RECEPTACLE GROUND FAULT CIRCUIT INTERRUPTER MOUNTED 8" ABOVE COUNTER, UON
	SPECIAL PURPOSE SINGLE RECEPTACLE - NEMA CONFIGURATION AND HEIGHT AS INDICATED ON DRAWINGS
	SPECIAL PURPOSE RECEPTACLE - HEIGHT AS INDICATED ON DRAWINGS
J	JUNCTION BOX - MOUNTING HEIGHT AND SIZE AS REQUIRED BY CODE OR AS NOTED ON DRAWINGS
	SINGLE OR THREE PHASE MOTOR - SEE DRAWINGS FOR DESCRIPTION
	EPO
P	DOOR PUSH PLATE.
	POWER FLOOR BOX WITH FIRE RATED POKE THROUGH

FIRE ALARM SYMBOL LEGEND

SYMBOL	DESCRIPTION
FAAP	FIRE ALARM ANNUNCIATOR PANEL - WALL MOUNTED AT 60" AFF TO CENTER, UON
FACP	FIRE ALARM CONTROL PANEL - WALL MOUNTED AT 72" AFF TO TOP, UON
F	FIRE ALARM PULL STATION AT 44" AFF. UON
	FIRE ALARM VISUAL DEVICE ROUGH-IN SUCH THAT BOTTOM OF LENS IS NO LESS THAN 80" AFF.
	FIRE ALARM AUDIO/VISUAL DEVICE ROUGH-IN SUCH THAT BOTTOM OF VISUAL LENS IS NO LESS THAN 80" AFF.
	FIRE ALARM AUDIBLE HORN - WALL MOUNTED AT 80" AFF TO BOTTOM OF DEVICE, UON
	FIRE ALARM SMOKE DETECTOR - CEILING MOUNTED, UON CO = COMBINATION SMOKE DETECTOR/CO SENSOR
E	FIRE ALARM ELEVATOR RECALL SMOKE DETECTOR - CEILING MOUNTED, UON
	FIRE ALARM SMOKE DETECTOR - WALL MOUNTED AT HEIGHT AS INDICATED ON DRAWINGS
H	FIRE ALARM HEAT DETECTOR - CEILING MOUNTED, UON
	FIRE ALARM HEAT DETECTOR - WALL MOUNTED AT HEIGHT AS INDICATED ON DRAWINGS
TS	TAMPER SWITCH
FS	FLOW SWITCH
DD	DUCT SMOKE DETECTOR
	DUCT SMOKE DETECTOR TEST STATION
DAS	DISTRIBUTED ANTENNA SYSTEM - COVERAGE OMNI ANTENNA
FSD	FIRE SMOKE DAMPER - 120V
DH	MAGNETIC DOOR HOLD OPEN

LIGHTING & CONTROL SYMBOL LEGEND

SYMBOL	DESCRIPTION
$	SWITCH AT 44" CL AFF, UON E = EMERGENCY CIRCUIT LV = LOW VOLTAGE MF = MANUAL MOTOR STARTER - FLUSH MOUNTED MS = MANUAL MOTOR STARTER - SURFACE MOUNTED O = OCCUPANCY SENSOR SWITCH D = DIMMER SWITCH V = VACANCY SENSOR SWITCH M = MOTOR RATED SWITCH W/ THERMAL OVERLOAD RELAY VD = WALL DIMMER VACANCY SENSOR
	LIGHTING CONTROL OCCUPANCY SENSOR - WALL MOUNTED AT 44" CL AFF, UON
	LIGHTING CONTROL OCCUPANCY SENSOR - CEILING MOUNTED
L	LIGHTING CONTROL LINEAR OCCUPANCY SENSOR - CEILING MOUNTED W/ 45' RANGE IN EACH DIRECTION
	LIGHTING CONTROL PHOTOCELL
	LUMINAIRE - MOUNTED AS INDICATED ON DRAWINGS
	LUMINAIRE - AT CEILING, SURFACE OR RECESSED MOUNTED
	LUMINAIRE WITH DIRECT/INDIRECT DISTRIBUTION AT CEILING, RECESSED OR SURFACE MOUNTED. CENTER BASKET AND/OR SIDE BASKETS SHALL BE ORIENTED AS SHOWN.
	TRACK LUMINAIRE AND TRACK- MOUNTED AS INDICATED ON DRAWINGS
	MONOPOINT TRACK LUMINAIRE - MOUNTED AS INDICATED ON DRAWINGS
	LUMINAIRE, WALL WASHER OR ADJUSTABLE - AT CEILING
	LUMINAIRE - WALL MOUNTED AT HEIGHT AS INDICATED ON DRAWINGS
	LUMINAIRE - AT CEILING, SURFACE OR RECESSED MOUNTED
	LUMINAIRE DESIGNATED AS NIGHT LIGHT WITH NO LIGHTING CONTROL FOR EGRESS - AT CEILING, RECESSED OR SURFACE MOUNTED
	LUMINAIRE WITH OUTER LAMPS DESIGNATED AS NIGHT LIGHT WITH NO LIGHTING CONTROL FOR EGRESS - AT CEILING, RECESSED OR SURFACE MOUNTED
	LUMINAIRE WITH LIGHTING CONTROL WIRED TO EMERGENCY CIRCUIT - AT CEILING, RECESSED OR SURFACE MOUNTED
	LUMINAIRE WITH LIGHTING CONTROL, OUTER [MIDDLE] LAMPS WIRED TO EMERGENCY CIRCUIT - AT CEILING, RECESSED OR SURFACE MOUNTED
	EXIT SIGN WITH INDICATING FACE - CEILING MOUNTED
	EXIT SIGN WITH INDICATING FACE AND ARROW(S) - WALL MOUNTED
VS	VACANCY SENSOR
OS	OCCUPANCY SENSOR

DISTRIBUTION SYMBOL LEGEND

SYMBOL	DESCRIPTION
	PANELBOARD (120/240V, 1 PHASE, 3 WIRE)
	PANELBOARD (208Y/120V, 3 PHASE, 4 WIRE)
30AS	NON-FUSED DISCONNECT SWITCH IN AN ENCLOSURE - SIZE AS INDICATED
	[SHUNT TRIP] CIRCUIT BREAKER IN AN ENCLOSURE
30AS 30AF	FUSED DISCONNECT SWITCH IN AN ENCLOSURE - SIZE AND FUSING AS INDICATED
30AS 30AF	COMBINATION MAGNETIC MOTOR STARTER/DISCONNECT SWITCH IN AN ENCLOSURE - FUSING AS INDICATED
T	TRANSFORMER

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CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

ELECTRICAL DATA SHEET

100% CD

04/16/25

SHEET
E001

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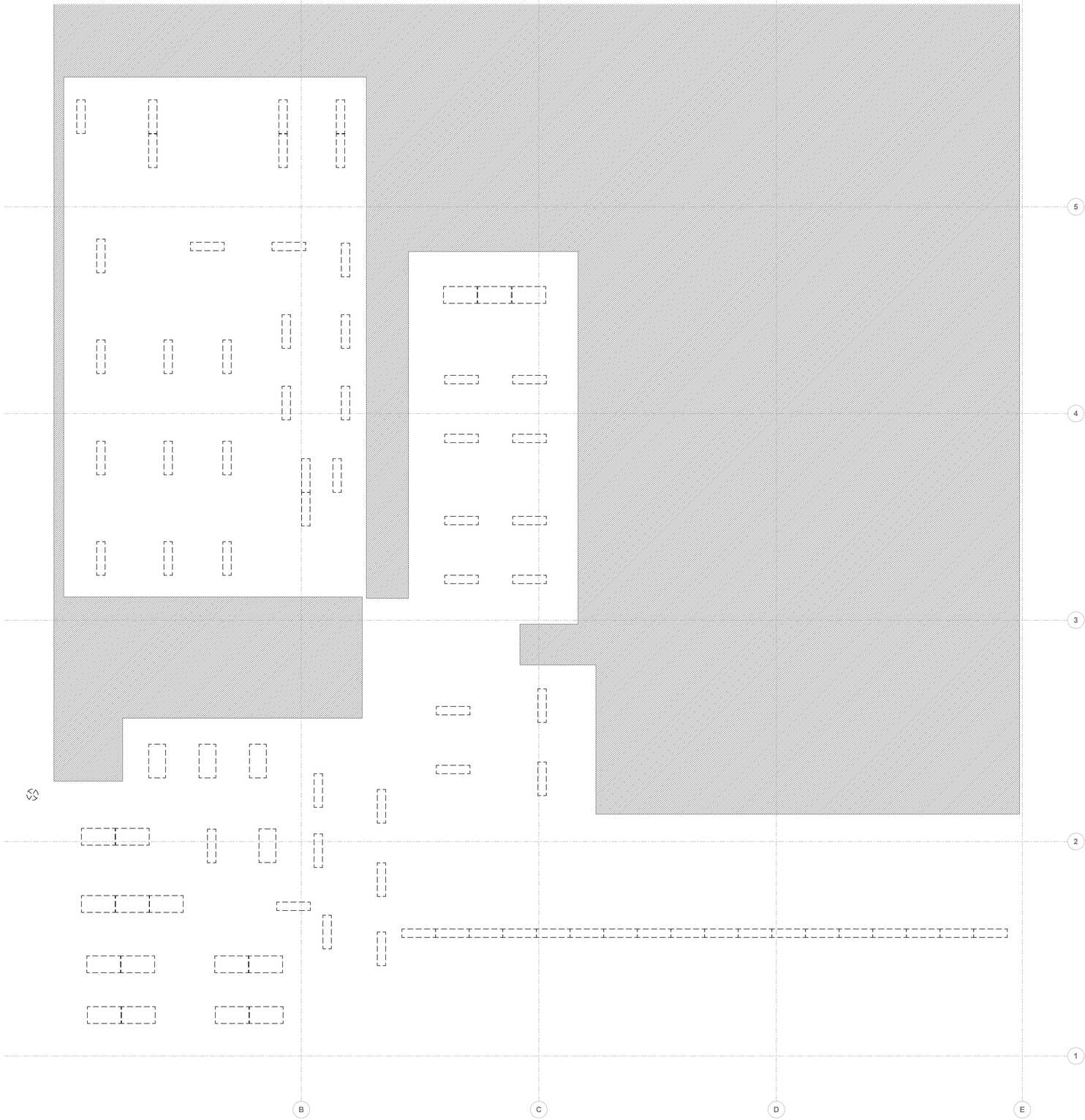

GENERAL NOTES:

1. REMOVE ALL LIGHTING FIXTURES, ASSOCIATED LIGHTING CONTROL SWITCHES, ASSOCIATED WIRING, AND CONDUIT BACK TO SOURCE.

1 E101 FIRST FLOOR LIGHTING DEMOLITION PLAN
3/16" = 1'-0"

0' 2' 4' 8' 16' 24'
SCALE : 3/16" = 1'-0"

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SOUTHERN DISTRICT RENOVATION
10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

FIRST FLOOR LIGHTING DEMOLITION PLAN

100% CD

04/16/25

SHEET E101

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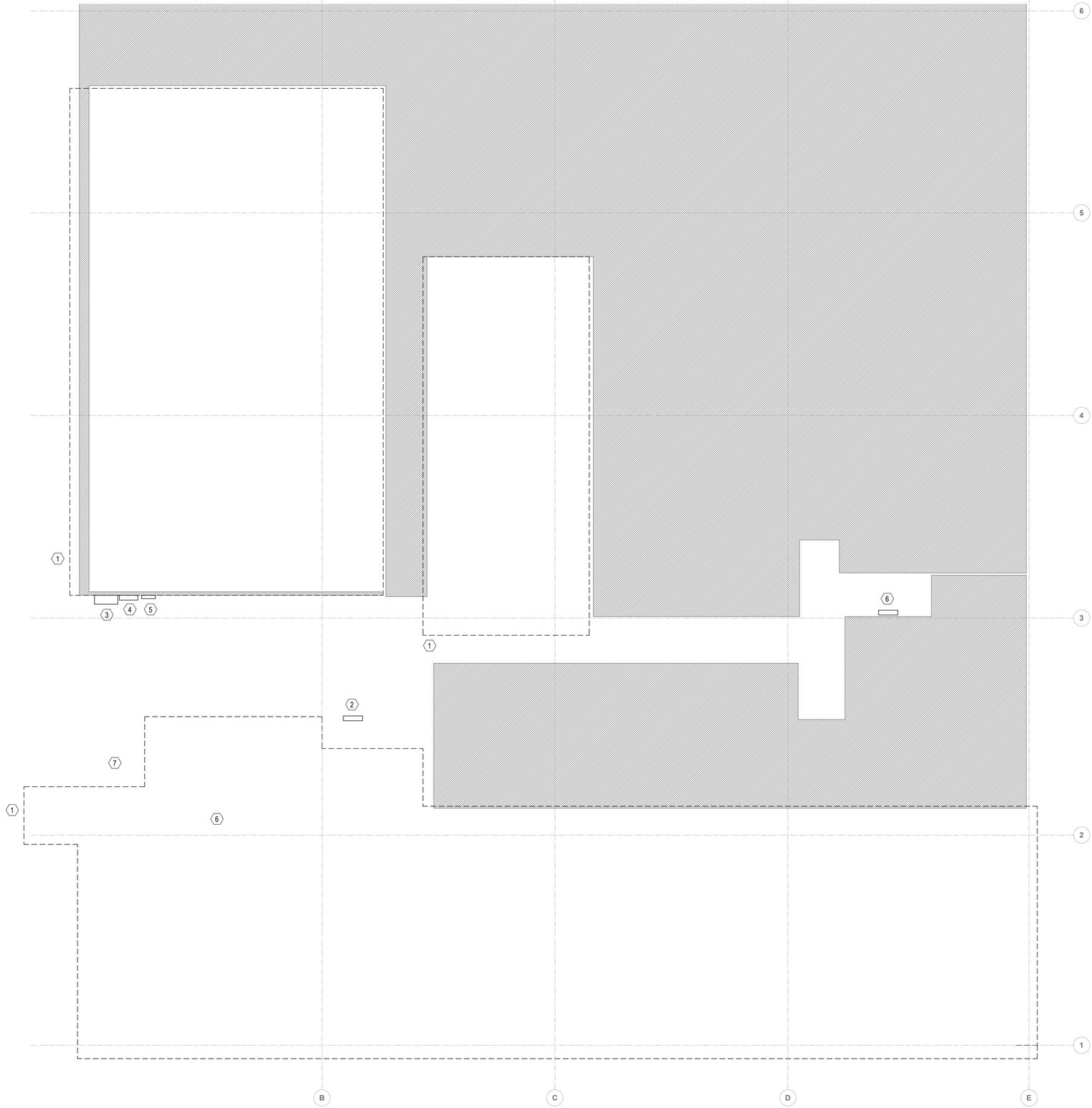

DEMOLITION GENERAL NOTES:

1. REFER TO SHEET M102 FOR LOCATION OF RTU AND FANS BEING REMOVED. REMOVE DISCONNECT SWITCH AND ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE.

DEMOLITION KEY NOTES:

1. REMOVE ALL ELECTRICAL EQUIPMENT AND DEVICES IN THIS AREA INCLUDING BUT NOT LIMITED TO RECEPTACLES, DATA OUTLETS, SECURITY DEVICES, FIRE ALARM STROBES, AND PULL STATIONS, AND ASSOCIATED WIRING, CABLING, AND CONDUIT BACK TO SOURCE UNLESS OTHERWISE INDICATED.

2. EXISTING PANEL TO RELOCATED AND REPLACED WITH NEW. BRANCH CIRCUITS TO REMAIN TO BE RECIRCUITED TO NEW PANEL AT NEW LOCATION. PROVIDE JUNCTION BOX AT ACCESSIBLE LOCATION AT EXISTING PANEL. EXTEND EXISTING CIRCUITS TO NEW LOCATION.

3. EXISTING PANEL MDP 208Y/120V, 3Ø,4W 600A TO REMAIN.

4. EXISTING AUTOMATIC TRANSFER SWITCH TO REMAIN.

5. EXISTING EMERGENCY PANEL 208Y/120V,3Ø,4W 600A TO REMAIN.

6. IT EQUIPMENTS TO BE COORDINATED.

7. FIRE ALARM PANEL TO BE RELOCATED.

1 / E111 FIRST FLOOR POWER DEMOLITION PLAN
3/16" = 1'-0"

0' 2' 4' 8' 16' 24'
SCALE : 3/16" = 1'-0"

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FIRST FLOOR POWER DEMOLITION PLAN

100% CD

04/16/25

SHEET E111

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1 E201 FIRST FLOOR LIGHTING PLAN
3/16" = 1'-0"

0' 2' 4' 8' 16' 24'
SCALE : 3/16" = 1'-0"

GENERAL NOTES:

1. EXIT SIGNS SHALL BE TIED TO LOCAL LIGHT CIRCUIT AHEAD OF ANY LIGHTING CONTROL DEVICES AND THE BREAKER SHALL BE LOCKABLE IN ON POSITION WITH TRIP FREE FEATURE.

2.THE UNDER VOLTAGE RELAY OF THE EMERGENCY LIGHTS SHALL BE TIED AHEAD OF ANY LIGHTING CONTROL DEVICES TO TURN THE EMERGENCY LIGHT WITH BATTERY BACKUP DURING POWER FAILURE OR BREAKER FAILURE.

KEY NOTES:

1. PROVIDE JUNCTION BOXES RATED FOR CELING FANS PER NEC.

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FIRST FLOOR LIGHTING PLAN

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SHEET E201

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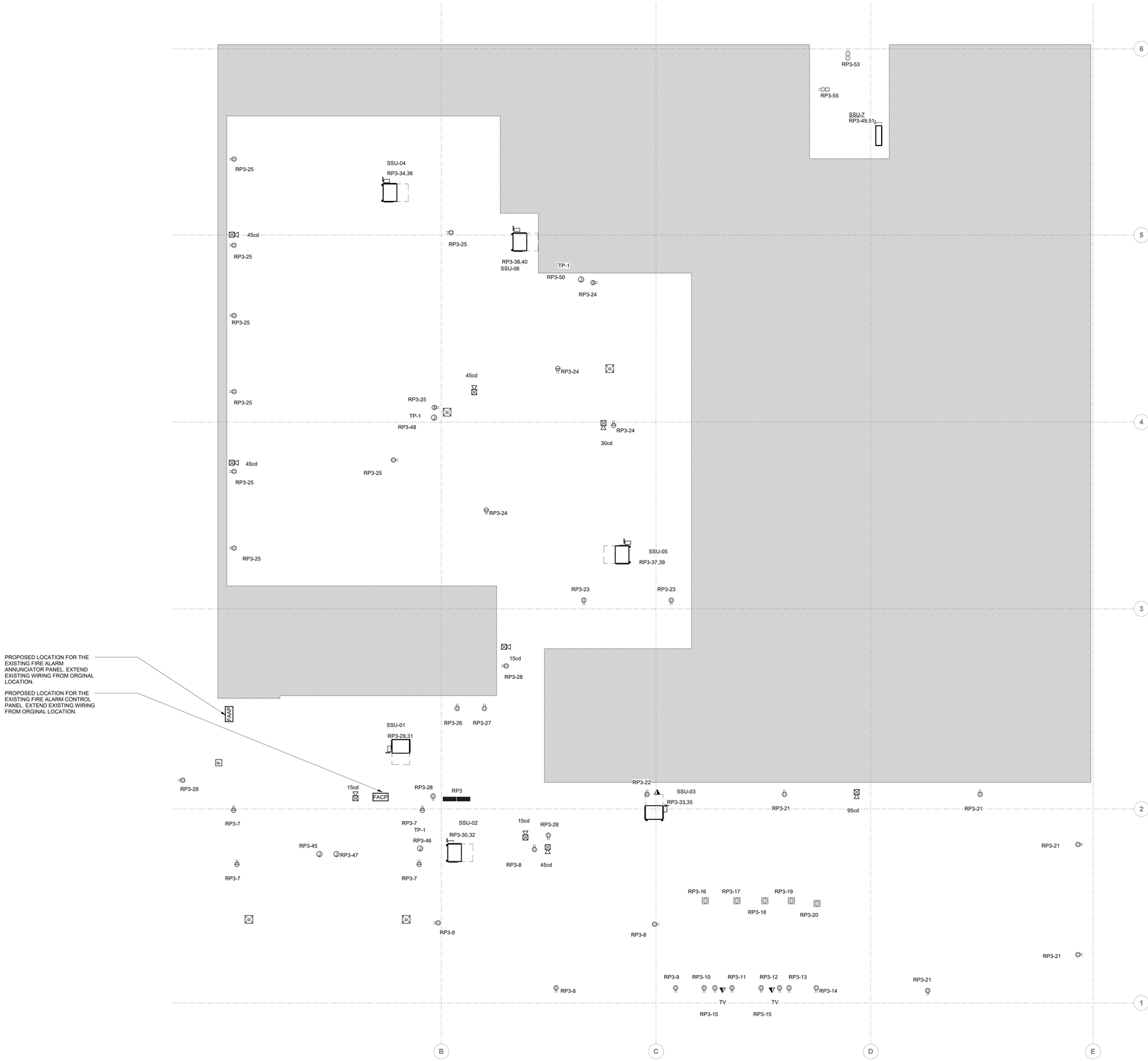

GENERAL NOTES:

1. COORDINATE EXACT TV MOUNTING LOCATION AND HEIGHT WITH TV SUPPLIER AND IN THE FIELD.
2. DEDICATED 1P, 20A, 120V RECEPTACLE FOR TREADMILL.

1 E211 FIRST FLOOR POWER PLAN
3/16" = 1'-0"

0' 2' 4' 8' 16' 24'
SCALE : 3/16" = 1'-0"

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FIRST FLOOR POWER PLAN

100% CD

04/16/25

SHEET E211

41 OF 44

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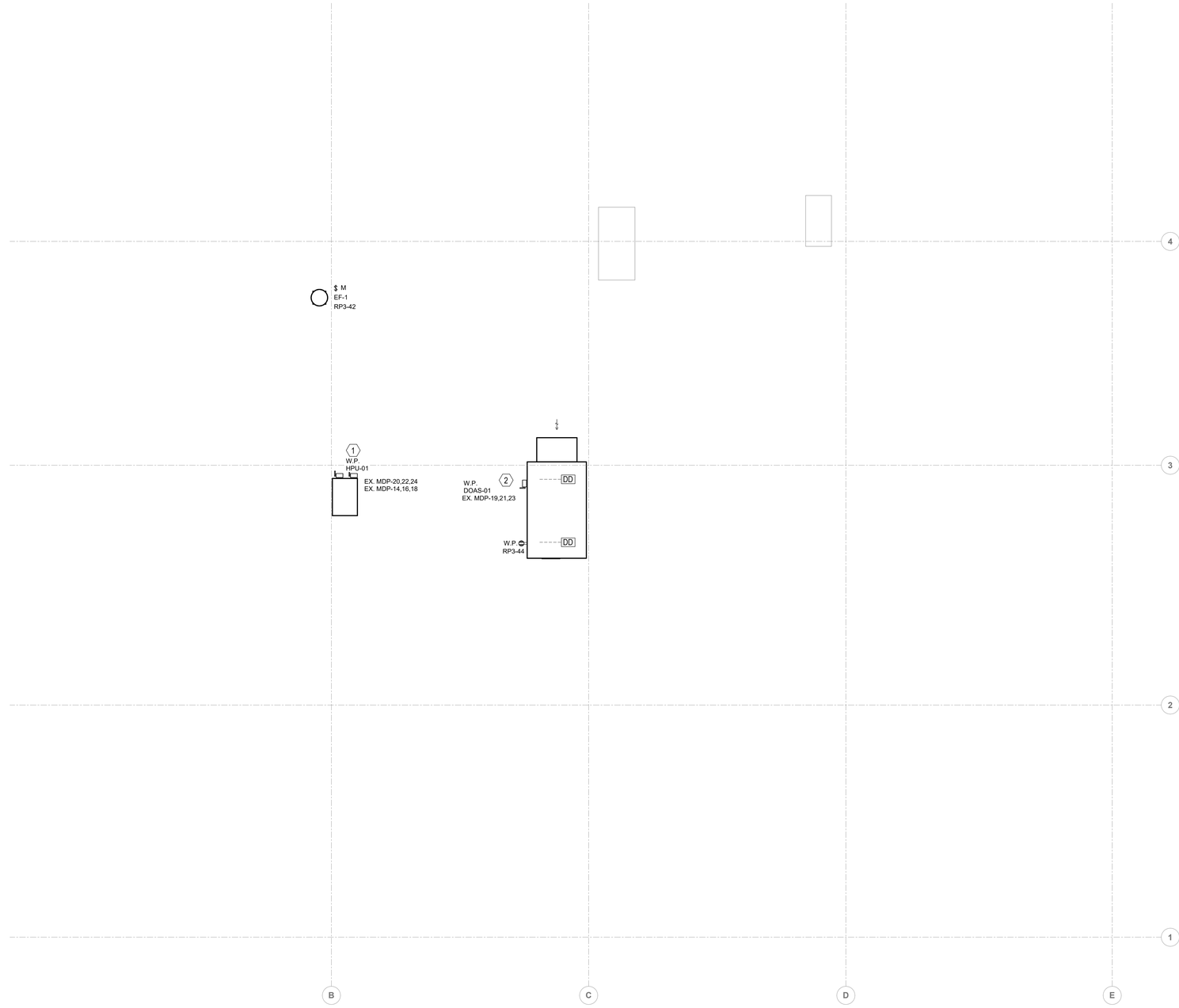
KEY NOTES: (#)

1. PROVIDE 3P, 600V, 60A NON-FUSIBLE DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. PROVIDE (1) FOR EACH UNIT MODULE.

2. PROVIDE 3P, 600V, 100A NON-FUSIBLE DISCONNECT SWITCH IN NEMA 3R ENCLOSURE.



1 / E212 ROOF POWER PLAN
3/16" = 1'-0"

0' 2' 4' 8' 16' 24'
SCALE : 3/16" = 1'-0"

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ROOF POWER PLAN

100% CD

04/16/25

SHEET
E212

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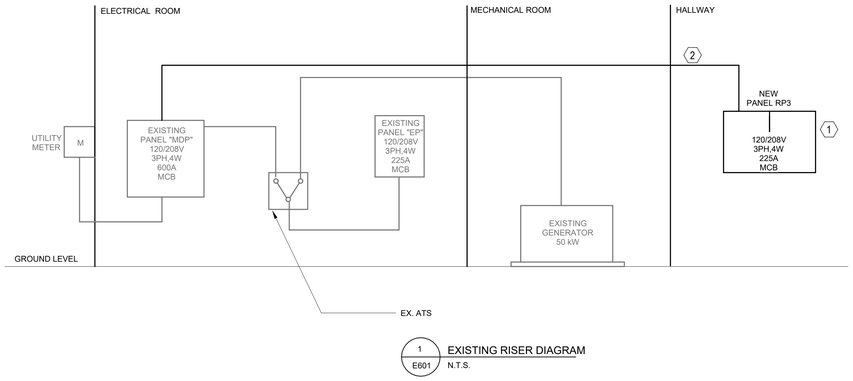
RISER NOTES:

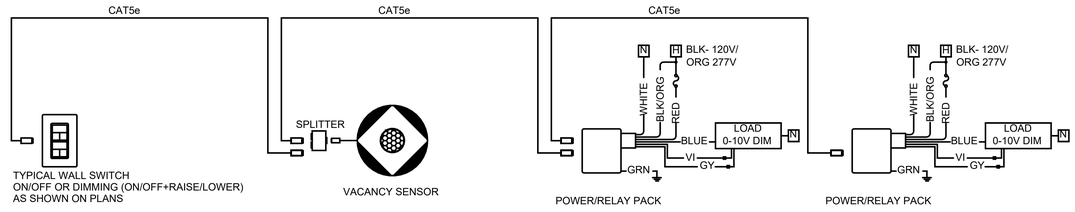
1. DISTRIBUTION PANELBOARDS AND FEEDERS SHOWN IN LIGHT THIN LINE ARE EXISTING TO REMAIN.
2. DISTRIBUTION PANELBOARDS AND FEEDERS SHOWN IN DARK THICK LINE NEW.
3.EXSITING FEEDEER SHALL BE EXTENDED PER NEC.

RISER KEY NOTES: (#)

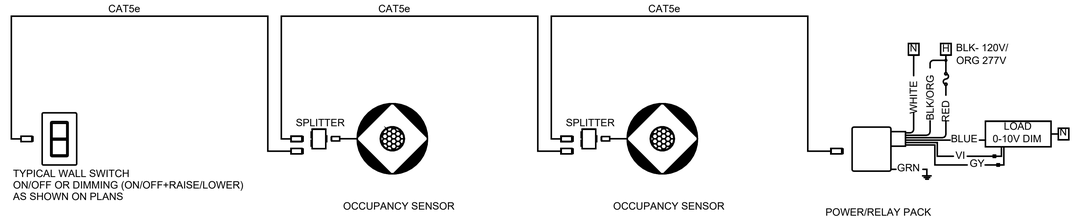
1. EXISTING BRANCH CIRCUITS TO REMAIN AND BE RECIRCUITED TO NEW PANEL AT NEW LOCATION.
2. PROVIDE 4#300 KCMIL AL, 1#2G KCMIL AL IN 2 1/2" C.



1 E601 EXISTING RISER DIAGRAM
N.T.S.



2 E601 TYPICAL VACANCY SENSOR ONE LINE DIAGRAM
N.T.S.



3 E601 TYPICAL OCCUPANCY SENSOR ONE-LINE DIAGRAM
N.T.S.

CONTRACTOR TO CHECK WITH LIGHTING PLANS ON THE FINAL SENSOR AND LIGHT FIXTURE QUANTITIES QUANTITIES. ADDITIONAL SENSORS TO BE ADDED TO THIS DAISYCHAIN DEVICES. ADDITIONAL LIGHT FIXTURES TO BE CONNECTED TO THE SHOWN POWER/RELAY PACK.

Branch Panel: EX. MDP

Location: | **Volts:** 120/208 Wye | **A.I.C. Rating:** 65,000 AIC
Supply From: | **Phases:** 3 | **Mains Type:** MCB
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 600 A
Enclosure: Type 1 | **MCB Rating:** 600 A

CKT	Circuit Description	Wire Size	Trip	Pole	A (VA)		B (VA)		C (VA)		Pole	Trip	Wire Size	Circuit Description	CKT
1					0	0									2
3	EX. RTU-4	--	100 A	3			0	0			3	20 A	--	EX. RTU -5	4
5									0	0					6
7					--	0									8
9	Space	--	--	3			--	0			3	20 A	--	EX. RTU-2	10
11									--	0					12
13					0	2274									14
15	EX. RTU-1	--	70 A	3			0	2274			3	60 A	3#6, 1#10G IN 3/4" C	HPU-01	16
17									0	2274					18
19					4127	2274									20
21	DOAS UNIT	3#3, 1#8G IN 1 1/4" C	100 A	3			4127	2274			3	60 A	3#6, 1#10G IN 3/4" C	HPU-01	22
23									4127	2274					24
25					0	0									26
27	EX.RTU-3	--	110 A	3			0	0			3	175 A	--	EX. ATS	28
29									0	0					30
31					0	0									32
33	EX.PANEL RP2	--	225 A	3			0	0			3	225 A	--	EX.PANEL RP1	34
35									0	0					36
37					0	0									38
39	PANEL RP3	SEE RISER	225 A	3			0	0			3	225 A	--	EX.PANEL RP1	40
41									0	0					42
43					0	--									44
45	MAIN	--	600 A	3			0	--			3	--	--	Space	46
47									0	--					48
49					--	--									50
51	MAIN	--	--	3			--	--			3	--	--	Space	52
53									--	--					54
			Total Load:		8675 VA		8675 VA		8675 VA						
			Total Connected Amps:		72 A										

Notes:

PANEL 'MDP' DEMAND LOAD CALCULATIONS:
= DEMAND LOAD = EXISTING RECEPTACLE LOAD(1ST 10K @ 100% + REMAINDER @ 50%)+ NEW RECEPTACLE LOAD (1ST 10K @ 100% + REMAINDER @ 50%)
(10000VA + [93600 VA - 10000VA] * 50%) + (10000VA+[26025-10000VA] x 50%)
= 10000VA + 41800VA + (8012.5)
= 59812VA
= 59812VA/(208 x 1.73)V = 166 A

Branch Panel: RP3

Location: | **Volts:** 120/208 Wye | **A.I.C. Rating:** 22,000 AIC
Supply From: MDP | **Phases:** 3 | **Mains Type:** MCB
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 225 A
Enclosure: Type 1 | **MCB Rating:** 225 A

CKT	Circuit Description	Wire Size	Trip	Pole	A (VA)		B (VA)		C (VA)		Pole	Trip	Wire Size	Circuit Description	CKT
1	Lighting FITNESS 109	2#12,1#12G IN 3/4" C	20 A	1	361	240					1	20 A	2#12,1#12G IN 3/4" C	Lighting SPIN STUDIO 107	2
3	Room 104, 101 LIGHING	2#12,1#12G IN 3/4" C	20 A	1			360	348			1	20 A	2#12,1#12G IN 3/4" C	Room 106, XX LIGHITNG	4
5	Room 113, 110 LIGHTING	2#12,1#12G IN 3/4" C	20 A	1					637	333	1	20 A	2#12,1#12G IN 3/4" C	Room 114, 116 L	6
7	WASHROOMS REC	2#12,1#12G IN 3/4" C	20 A	1	720	720					1	20 A	2#12,1#12G IN 3/4" C	REC SPIN STUDIO 107	8
9	FITNESS EQUIPMENT	2#12,1#12G IN 3/4" C	20 A	1			1200	1200			1	20 A	2#12,1#12G IN 3/4" C	FITNESS EQUIPMENT	10
11	FITNESS EQUIPMENT	2#12,1#12G IN 3/4" C	20 A	1					1200	1200	1	20 A	2#12,1#12G IN 3/4" C	FITNESS EQUIPMENT	12
13	FITNESS EQUIPMENT	2#12,1#12G IN 3/4" C	20 A	1	1200	1200					1	20 A	2#12,1#12G IN 3/4" C	FITNESS EQUIPMENT	14
15	TV FITNESS	2#12,1#12G IN 3/4" C	20 A	1			360	180			1	20 A	2#12,1#12G IN 3/4" C	FITNESS EQUIPMENT	16
17	FITNESS EQUIPMENT	2#12,1#12G IN 3/4" C	20 A	1					180	180	1	20 A	2#12,1#12G IN 3/4" C	FITNESS EQUIPMENT	18
19	FITNESS EQUIPMENT	2#12,1#12G IN 3/4" C	20 A	1	1200	180					1	20 A	2#12,1#12G IN 3/4" C	FITNESS EQUIPMENT	20
21	REC FITNESS 109	2#12,1#12G IN 3/4" C	20 A	1			1000	200			1	20 A	2#12,1#12G IN 3/4" C	CENTRALIZED CONTROLLER	22
23	REC WOMEN'S LOCKER...	2#12,1#12G IN 3/4" C	20 A	1					400	720	1	20 A	2#12,1#12G IN 3/4" C	REC Room 116, 114	24
25	REC MEN'S LOCKER ROOM...	2#12,1#12G IN 3/4" C	20 A	1	1780	200					1	20 A	2#12,1#12G IN 3/4" C	VENDING MACHINE	26
27	VENDING MACHINE	2#12,1#12G IN 3/4" C	20 A	1			200	720			1	20 A	2#12,1#12G IN 3/4" C	REC CORRIDOR 106	28
29	SSU-01	2#12,1#12G IN 3/4" C	15 A	2					176	176	2	15 A	2#12,1#12G IN 3/4" C	SSU-02	30
31					176	176									32
33	SSU-03	2#12,1#12G IN 3/4" C	15 A	2			641	641			2	15 A	2#12,1#12G IN 3/4" C	SSU-4	34
35									641	641					36
37	SSU-05	2#12,1#12G IN 3/4" C	15 A	2	354	354					2	15 A	2#12,1#12G IN 3/4" C	SSS-06	38
39							354	354							40
41	CF-1	2#12,1#12G IN 3/4" C	20 A	1					0	124	1	20 A	2#12,1#12G IN 3/4" C	EF-1	42
43	CF-1	2#12,1#12G IN 3/4" C	20 A	1	20	180					1	20 A	2#12,1#12G IN 3/4" C	REC	44
45	WATER COOLER *	2#12,1#12G IN 3/4" C	20 A	1			0	0			1	20 A	2#12,1#12G IN 3/4" C	TP-1	46
47	WATER COOLER *	2#12,1#12G IN 3/4" C	20 A	1					0	0	1	20 A	2#12,1#12G IN 3/4" C	TP-1	48
49	SSU-07	2#12,1#12G IN 3/4" C	15 A	2	83	0					1	20 A	--	TP-1	50
51							83	0			1	20 A	--	Spare	52
53	IT REC	2#12,1#12G IN 3/4" C	20 A	1					360	0	1	20 A	--	Spare	54
55	IT REC	2#12,1#12G IN 3/4" C	20 A	1	360	--					1	--	--	Space	56
57	Spare	--	20 A	1			0	--			1	--	--	Space	58
59	Spare	--	20 A	1					0	--	1	--	--	Space	60
61	Spare	--	20 A	1	0	--					1	--	--	Space	62
63	Space	--	--	1			--	--			1	--	--	Space	64
65	Space	--	--	1					--	--	1	--	--	Space	66
67	Space	--	--	1	--	--					1	--	--	Space	68
69	Space	--	--	1			--	--			1	--	--	Space	70
71	Space	--	--	1					--	--	1	--	--	Space	72
73	Space	--	--	1	--	--					1	--	--	Space	74
75	Space	--	--	1			--	--			1	--	--	Space	76
77	Space	--	--	1					--	--	1	--	--	Space	78
79	Space	--	--	1	--	--					1	--	--	Space	80
81	Space	--	--	1			--	--			1	--	--	Space	82
83	Space	--	--	1					--	--	1	--	--	Space	84
			Total Load:		9503 VA		7836 VA		6965 VA						
			Total Connected Amps:		67 A										

Notes:
* PROVIDE GFI BREAKER

Branch Panel: EX. EP

Location: | **Volts:** 120/208 Wye | **A.I.C. Rating:** 22,000 AIC
Supply From: ATS | **Phases:** 3 | **Mains Type:** MCB
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 225 A
Enclosure: Type 1 | **MCB Rating:** 225 A

CKT	Circuit Description	Wire Size	Trip	Pole	A (VA)		B (VA)		C (VA)		Pole	Trip	Wire Size	Circuit Description	CKT
1	EXISTING	--	20 A	1	0	0					1	20 A	--	EXISTING	2
3	EXISTING	--	20 A	1			0	0			1	20 A	--	EXISTING	4
5	EXISTING	--	20 A	1					0	0	1	20 A	--	EXISTING	6
7	EXISTING	--	20 A	1	0	0					1	20 A	--	EXISTING	8
9	EXISTING	--	20 A	1			0	0			1	20 A	--	EXISTING	10
11	EXISTING	--	20 A	1					0	0	1	20 A	--	EXISTING	12
13	EXISTING	--	20 A	1	0	0					1	20 A	--	EXISTING	14
15	EXISTING	--	20 A	1			0	0			1	20 A	--	EXISTING	16
17	EXISTING	--	20 A	1					0	0	1	20 A	--	EXISTING	18
19	EXISTING	--	20 A	1	0	0					1	20 A	--	EXISTING	20
21	EXISTING	--	20 A	1			0	0			1	20 A	--	EXISTING	22
23	EXISTING	--	20 A	1					0	0	1	20 A	--	EXISTING	24
25	EXISTING	--	20 A	1	0	0					1	20 A	--	EXISTING	26
27	EXISTING	--	20 A	1			0	0			1	20 A	--	EXISTING	28
29	EXISTING	--	20 A	1					0	0	1	20 A	--	EXISTING	30
31	EXISTING	--	20 A	1	0	0					1	20 A	--	EXISTING	32
33	EXISTING	--	20 A	1			0	297			1	20 A	2#12,1#12G IN 3/4"C	LIGHTS	34
35	EXISTING	--	20 A	1					0	188	1	20 A	2#12,1#12G IN 3/4"C	LIGHTS	36
37	EXISTING	--	20 A	1	0	0					1	20 A	--	EXISTING	38
39	EXISTING	--	20 A	1			0	0			1	20 A	--	EXISTING	40
41	EXISTING	--	20 A	1					0	0	1	20 A	--	EXISTING	42
43	EXISTING	--	20 A	1	0	0					1	20 A	--	EXISTING	44
45	EXISTING	--	20 A	1			0	0			1	20 A	--	EXISTING	46
47	EXISTING	--	20 A	1					0	0	1	20 A	--	EXISTING	48
49	EXISTING	--	20 A	1	0	0					1	20 A	--	EXISTING	50
51	EXISTING	--	20 A	1			0	0			1	20 A	--	EXISTING	52
53	EXISTING	--	20 A	1					0	0	1	20 A	--	EXISTING	54
			Total Load:		0 VA		297 VA		188 VA						
			Total Connected Amps:		1 A										

Notes:

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SEAL

CITY OF BALTIMORE
DEPARTMENT OF GENERAL SERVICES
CAPITAL PROJECTS & ENERGY DIVISION

REVISIONS

NO.	DESCRIPTION	DATE

SOUTHERN POLICE DISTRICT - INTERIOR RENOVATIONS

10 CHERRY HILL RD
BROOKLYN, MD 21225
PROJECT NO. PRJ 000371

ELECTRICAL RISER DIAGRAMS

100% CD

04/16/25

SHEET
E601

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LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL NO.	MOUNTING	VOLTAGE	LAMP WATTS	NOTES
A	3" LUMINAIRE LED	PRUDENTIAL LIGHTING	BPRO3-FLSH-LED35-HO-4-BTW	PENDANT	120V	19W	
AE	3" LUMINAIRE LED EMERGENCY	PRUDENTIAL LIGHTING	BPRO3-FLSH-LED35-HO-4-BTW-EMHE	PENDANT	120V	19W	PROVIDE EMERGENCY BACKUP BATTERY
B	2X4 LED	LITHONIA LIGHTING	2GTL42403L-A12125-EZ1-LP835	RECESSED	120V	30W	
BE	2X4 LED EMERGENCY	LITHONIA LIGHTING	2GTL42403L-A12125-EZ1-LP835 EM	RECESSED	120V	30W	PROVIDE EMERGENCY BACKUP BATTERY
B2E	2X2 LED EMERGENCY	LITHONIA LIGHTING	2GTL-2-33L-A12125-EZ1-LP835 EM	RECESSED	120V	29W	PROVIDE EMERGENCY BACKUP BATTERY
C	1X4 LED DAMP LOCATION LISTED	LITHONIA LIGHTING	BLTX4-40L-ADP-EZ1-LP835	SURFACE	120V	34W	
CE	1X4 LED EMERGENCY DAMP LOCATION LISTED	LITHONIA LIGHTING	BLTX4-40L-ADP-EZ1-LP835 EM	SURFACE	120V	34W	PROVIDE EMERGENCY BACKUP BATTERY
C2	CYLINDER VANITY FIXTURE	LITHONIA LIGHTING	FMVCCLS-48IN-MVOLT-35K-90CRI				
D	1X4 LED	LITHONIA LIGHTING	BLTX4-40L-ADP-EZ1-LP835	SURFACE	120V	34W	
DE	1X4 LED EMERGENCY	LITHONIA LIGHTING	BLTX4-40L-ADP-EZ1-LP835 EM	SURFACE	120V	34W	PROVIDE EMERGENCY BACKUP BATTERY
E	6" LED DOWNLIGHT, WET LOCATION LISTED	LITHONIA LIGHTING	BLTX4-40L-ADP-EZ1-LP835 EM	SURFACE	120V	35W	FIXTURE RATED FOR SHOWER
⊗	LED EXIT SIGN	SIGNIFY	VLTU	SURFACE	120V	3.12W	

1 / E701 FIXTURE SCHEDULE
N.T.S.

Additional Efficiency Package(s)

Credits: 10.0 Required 0.0 Proposed

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-Police	7500	0.66	4950
		Total Allowed Watts =	4950

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-Police				
A: Other:	1	26	19	494
B: Other:	1	31	30	930
B2E: Other:	1	1	29	29
C: Other:	1	18	34	612
D: Other:	1	13	34	442
E: Other:	1	13	35	455
			Total Proposed Watts =	2962

Interior Lighting PASSES: Design 40% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design 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 2021 IECC requirements in COM*check* Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

2 / E701 COMCHECK
N.T.S.

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ELECTRICAL SCHEDULES

100% CD

04/16/25

SHEET E701

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