



MEDIUM RENOVATION MEADOW HILL

GENSLER PROJECT NUMBER: 059.8400.015

BAC SERIAL NUM./ MANH. ID: NY6-225

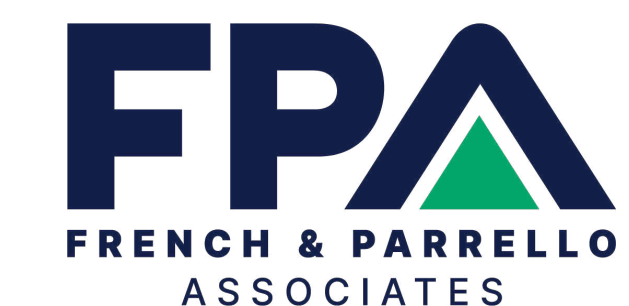
90% CONSTRUCTION DOCUMENT SET

07.12.2024

1414 NY-300
Newburgh, NY 12550

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Patrice Cinkewicz
Tel 704.338.0248



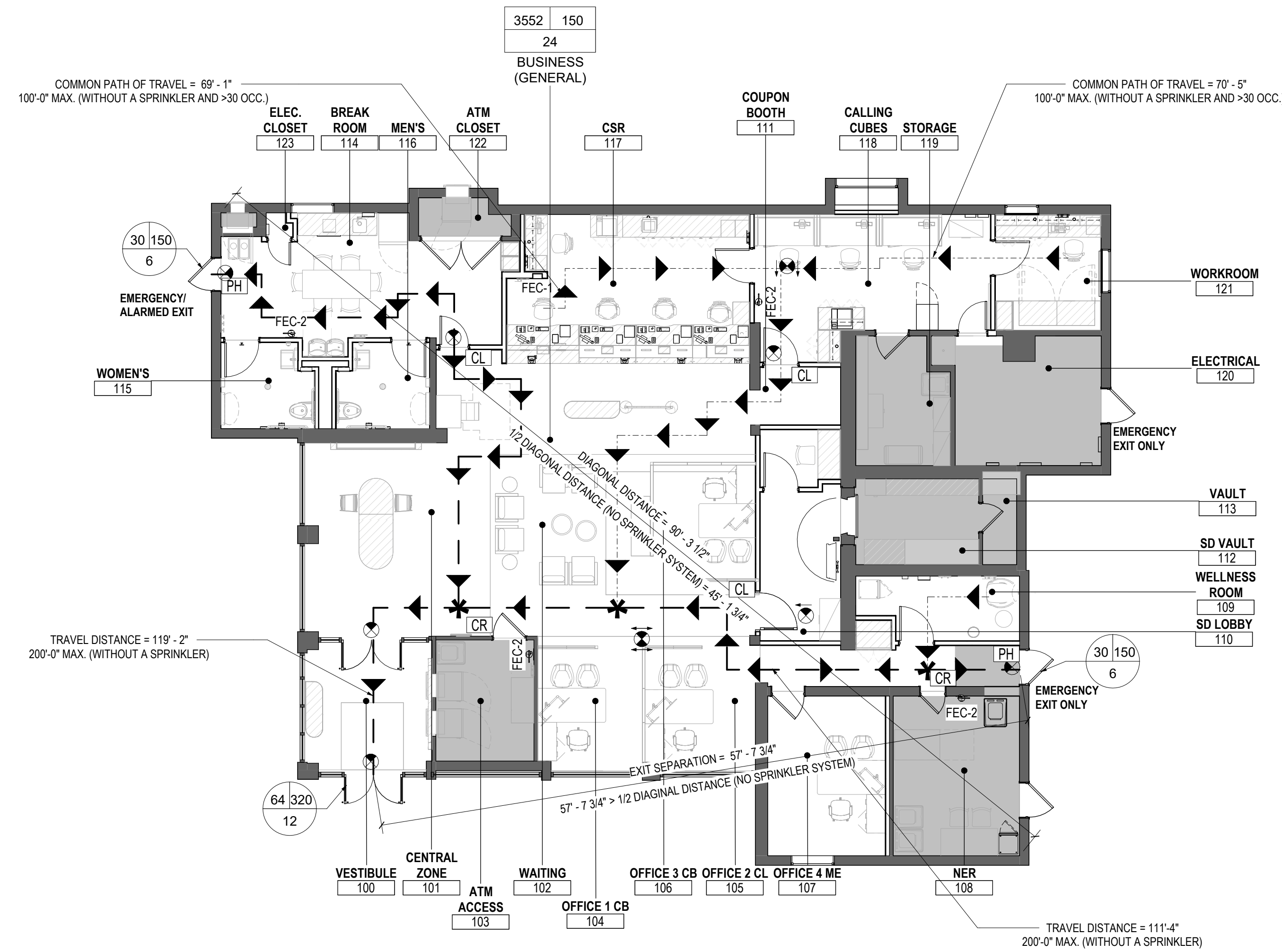
French and Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin Gomaa
Amin.Gomaa@FPAengineers.com

Tel Phone Number

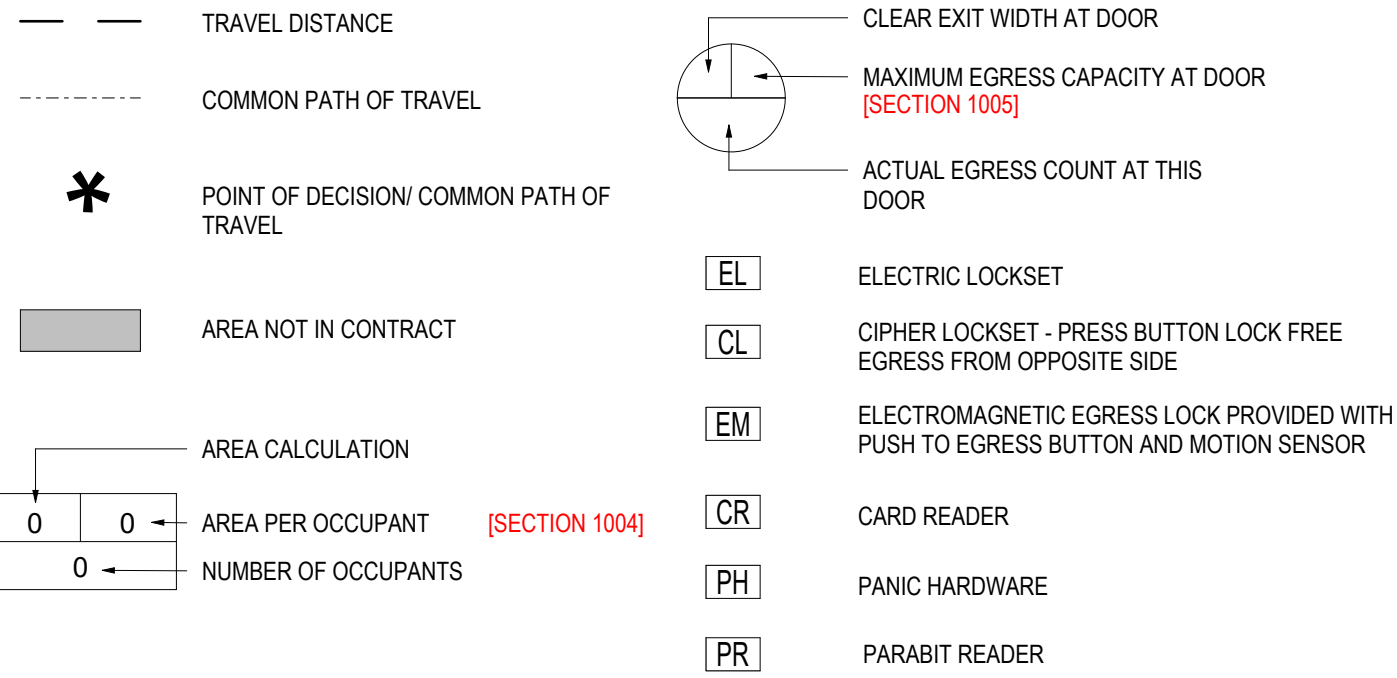


CBRE Third Party Project Management
Contact: John Olsson
John.Olsson@cbre.com

Tel 646.920.1697



LIFE SAFETY LEGEND



B OCCUPANCY EXIT TRAVEL LIMITATIONS:

MAXIMUM TRAVEL DISTANCE:
200 FT. WITHOUT A SPRINKLER SYSTEM

2020 NYS FIRE CODE, TABLE 1017.2

MAXIMUM COMMON PATH OF TRAVEL:
100 FT WITHOUT A SPRINKLER SYSTEM (OCC. < 30)

2020 NYS FIRE CODE, TABLE 1006.2.1

CODE AND LIFE SAFETY DATA

PROJECT INFORMATION				
Project Name :	MEADOW HILL			
Project Address :	1414 NY-300 Newburgh, NY 12550			
Proposed Use/ Occupancy :	BUSINESS (B) - NO CHANGE			
Owner/ Authorized Agent :	JOHN OLSSON	Email :	John.Olsson@cbre.com	Phone: 646.920.1697
Property Owned by:	<input type="checkbox"/> City/ County <input checked="" type="checkbox"/> Private <input type="checkbox"/> State			
Code Enforcement Jurisdiction:	<input checked="" type="checkbox"/> City NEWBURGH <input type="checkbox"/> County <input type="checkbox"/> State			

PROJECT SUMMARY	
Building Description:	EXISTING ONE STORY BRANCH BANK
Scope of Work Details:	ALTERATION TO EXISTING SPACE, MODIFICATION IN CSR REGION, OFFICES, BREAKROOM, WELLNESS ROOM, CALLING CUBES, RESTROOMS, NEW WORK ROOM, FURNITURE, FINISHES AND EQUIPMENT.

DESIGN PROFESSIONAL INFORMATION				
LEAD DESIGN PROFESSIONAL:				
DESIGNER	FIRM	NAME	LICENSE #	PHONE # E-MAIL
Architectural:	GENSLER	-	-	-
Civil:	-	-	-	-
Electrical:	-	-	-	-
Fire Alarm:	-	-	-	-
Plumbing:	-	-	-	-
Mechanical:	-	-	-	-
Sprinkler-Standpipe:	-	-	-	-
Structural:	-	-	-	-

APPLICABLE CODES	
BUILDING CODE:	2020 NYS BUILDING CODE, 2020 NYS EXISTING BUILDINGS CODE
PLUMBING CODE:	2020 NYS PLUMBING CODE
ELECTRICAL CODE:	2017 NYS ELECTRIC CODE
ENERGY CODE:	2020 NYS ENERGY CODE
MECHANICAL CODE:	2020 NYS MECHANICAL CODE
FUEL AND GAS CODE:	2020 NYS FUEL GAS CODE
ACCESSIBILITY STANDARD:	2020 NYS ACCESSIBILITY CODE
OTHER CODE:	2020 NYS FIRE CODE

BASIC BUILDING DATA	
Construction Type:	<input type="checkbox"/> IA <input type="checkbox"/> IIA <input type="checkbox"/> III-A <input type="checkbox"/> IV <input type="checkbox"/> V-A
Standpipes (Chapter 9):	<input checked="" type="checkbox"/> No <input type="checkbox"/> Partial <input type="checkbox"/> Yes <input type="checkbox"/> NFPA 13 <input type="checkbox"/> NFPA 13R <input type="checkbox"/> NFPA 13D
Building Height - (Stories):	1 Occupancy: BUSINESS (B)
Accessory Occupancies:	-
Gross Building Area:	-

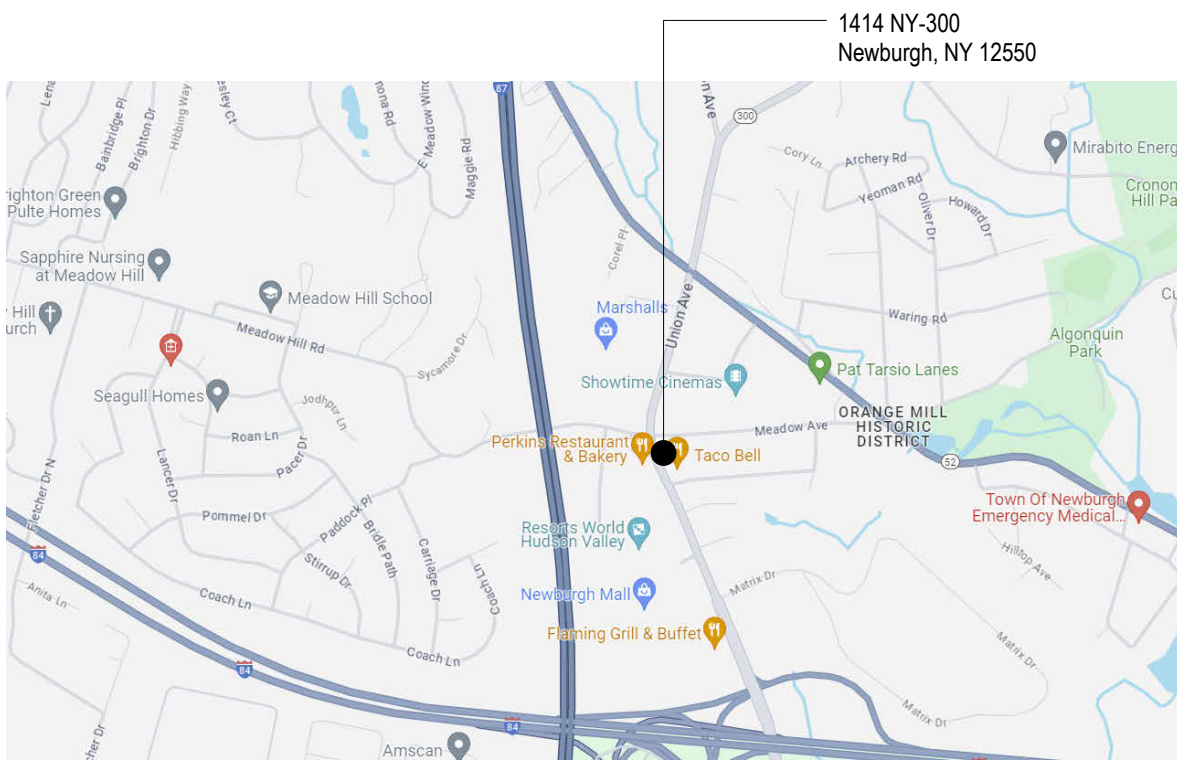
FLOOR	EXISTING (SF)	ALT.RE (SF)	INTERIOR UPFIT (SQ FT)
LEVEL 01	3552	1581	

EXIT REQUIREMENTS					
NUMBER AND ARRANGEMENT OF EXITS (2020 NYS FIRE CODE)					
FLOOR, ROOM, OR SPACE DESIGNATION	MINIMUM NUMBER OF EXITS	TRAVEL DISTANCE		ARRANGEMENT MEANS OF EGRESS (SECTION 1015)	
	REQUIRED (2020 NYS)	SHOWN PLANS	ALLOWABLE (2020 NYS AND SEC 1015)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	ACTUAL DISTANCE BETWEEN EXIT DOORS
LEVEL 01	2	4	200'-0" MAX	119'-2"	45'-2" 57'-8"

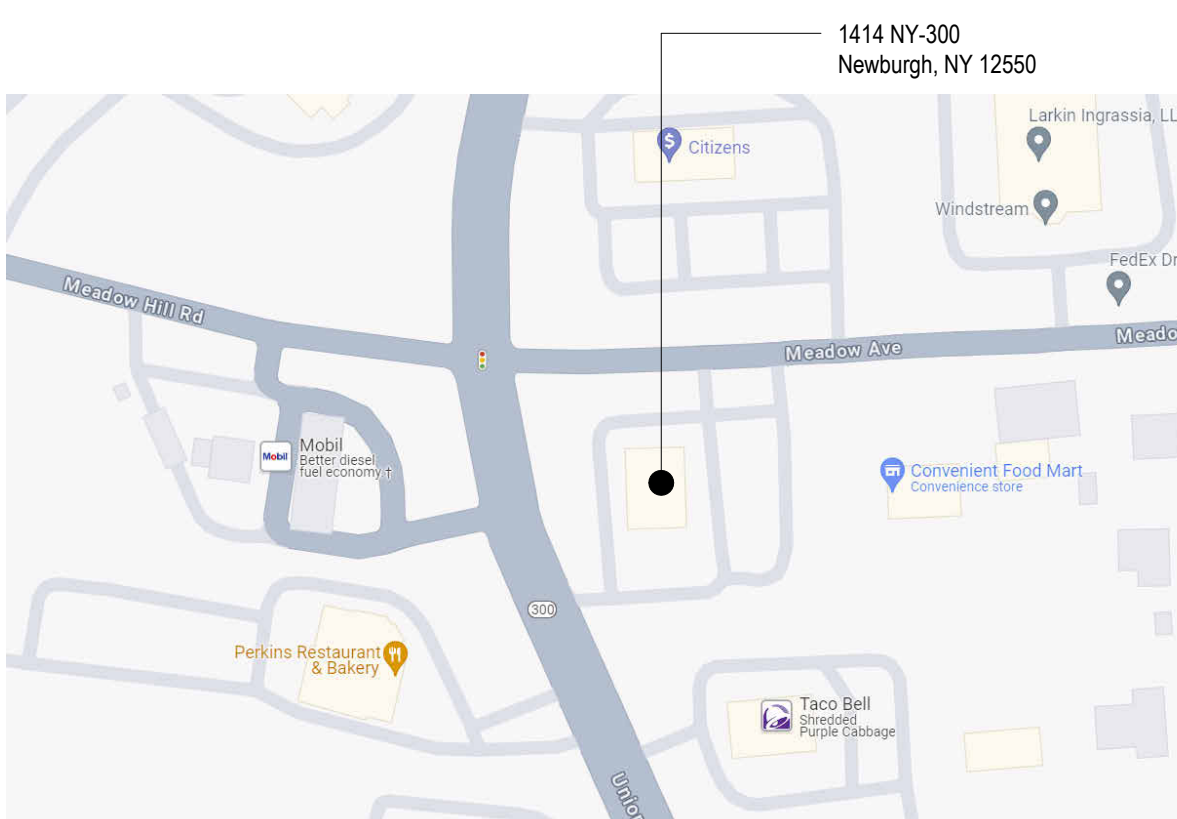
OCCUPANT LOAD AND EXIT WIDTH (2020 NYS FIRE CODE)									
USE GROUP OR SPACE DESCRIPTION	AREA (Sq. Ft.)	AREA OCCUPANT	CALCULATED OCCUPANT LOAD (N/A)	EGRESS WIDTH PER OCCUPANT (INCHES)	STAIR	LEVEL	STAIR	LEVEL	STAIR
	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED
LEVEL 01	3552	150-B	24	0.3"	0.2"	7.2"	4.8"	N/A	94"

PLUMBING FIXTURE CALCULATIONS FOR OCCUPANT LOAD OF 24 OCC. (2020 NYS PLUMBING CODE - TABLE 405.1)									
LEVEL	WATERCLOSETS		LAVATORIES		DRINKING FOUNTAINS				
	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED
LEVEL 01	1	1	1	1	1	1	1	1	2

VICINITY MAP



LOCATION MAP



ABBREVIATIONS

A	ACCESSORY	MLO	MORTGAGE LOANS OFFICER
ACCUS	ACCU(SITUAL)	MLWK	MILLWORK
ACT	ACUSTICAL CEILING TILE	MOIST	MOISTURE
AFF	ABOVE FINISHED FLOOR	MOT	MOTOR(IZED)
AL	ALUMINUM	MTD	MOUNTED
ALT	ALTERNATE	N	
ANNUNC	ANNUNCIATOR	NER	NETWORK EQUIPMENT ROOM
ANDC	ANDC(IZED)	NIC	NOT IN CONTRACT
APPL	APPLIANCE	NO	NUMBER
ATA	ATM WITH TELLER ASSIST	NTS	NOT TO SCALE
AUTO	AUTOMATIC	O	
AVG	AVERAGE	OH	OPPOSITE HAND
		OPNG	OPENING(S)
B	BOARD	OPP	OPPOSITE
BLDG	BUILDING	OPR	OPERABLE
BLKG	BLOCKING	ORNA	ORNAMENTAL
BOLD	BOLLARD	OS	OCCUPANCY SENSOR
BRODM	BROADROOM	OVEL	OVERHEAD
BU	BUILT UP	OVHD	OVERHEAD
C		P	
CAB	CABINET	P-LAM	PLASTIC LAMINATE
CEM	CEMENT(IOUS)	PBD	PARTICLE BOARD
CER	CERAMIC	PEDTR	PEDESTRIAN
CEILING	CEILING	PLAS	PLASTER
CMU	CONCRETE MASONRY UNIT	PLSTC	PLASTIC
COATG	COATING	PLYWD	PLYWOOD
COE	CENTERS OF EXCELLENCE	PNL	PANEL
COILG	COLING	POLYST	POLYSTYRENE
CONC	CONCRETE	PORT	PORABLE
CONSTR	CONSTRUCTION	PREFAB	PREFABRICATED
CONT	CONTINUOUS(ATION)	PREFIN	PREFINISHED
CONTR	CONTRACT(OR)	PROTEC	PROTECTION
COV	COVER	PTN	PARTITION
CPT	CARPET	Q	
CPU	CENTRAL PROCESSING UNIT	QST	QUICK SWIPE TERMINAL
CSR	CUSTOMER SERVICE REPRESENTATIVE	R	
		RDR	READER
D	DOUBLE	RECES	RECESSED
DBL	DEPARTMENT	RECP	RECEPTACLE
DEPT	DESIGNED	REF	REFERENCE
DET	DETAIL	REFL	REFLECTED
DF	DRINKING FOUNTAIN	REFR	REFRIGERATOR
DIA	DIAMETER	REQD	REQUIRED
DIF	DIFUSER	RESIS	RESIST(ANT)(IVE)
DM	DIMENSION	RFS	ROOFING
DISP	DISPENSER	RM	ROOM
DIV	DIVISION	RO	ROUGH OPENING
DN	DOWN	RVS	REMOTE VIDEO SPECIALIST
DR	DR	S	
DISCON	DISCONNECT	SBB	SMALL BUSINESS BANKING
DTLS	DETAILS	SCR	SCRIBE
DWR	DRAWER	SD	SAFE DEPOSIT
E	ELAST	SECUR	SECURITY
ELAST	ELASTOMERIC	SF	SQUARE FEET
ELEC	ELECTRICAL	SQL	SINGLE
EMBED	EMBEDD(ED)(ING)	SHORG	SHORING
ENGR	ENGINEER(ED)	SIM	SIMILAR
ENLGD	ENLARGED	SR SBRM	SENIOR SMALL BUSINESS RELATIONSHIP MANAGER
ENTR	ENTRANCE	SST	STAINLESS STEEL
EQ	EQUAL	STD	STANDARD
EQUIP	EQUIPMENT	STL	STEEL
EXP	EXISTING	STRFR	STOREFRONT
EXP JT	EXPANSION JOINT	STRUCT	STRUCTURAL
EXPS	EXPOSED	SURF	SURFACE
EXT	EXTERIOR	SUSP	SUSPENDED
		SYS	SYSTEM(S)
F		T	
FAB	FABRICATION	T	
FCM	FINANCIAL CENTER MANAGER	T&G	TONGUE AND GROOVE
FCOM	FINANCIAL CENTER OPERATIONS MANAGER	TCO	TELLER CASH DISPENSER
FD	FLOOR DRAIN	TG	TEMPERED GLASS
FE	FIRE EXTINGUISHER	THK	THICK
FEC	FIRE EXTINGUISHER AND CABINET	TLT	TOILET
FHC	FIRE HOSE CABINET	TOS	TELLER OPERATION SPECIALIST
FIN	FINISH	TRAF	TRAFFIC
FLDG	FOLDING	TRANS	TRANSPARENT
FLR	FLOORING	TRTD	TREATED
FLC	FIREPLACE	TYP	TYPICAL
FR	FIRE RAT(ING)(ED)	U	
FRMG	FRAMING	UCC	UNIVERSAL CALLING CUBE
FSA	FINANCIAL SOLUTIONS ADVISOR	UCR	UNIVERSAL CONFERENCE ROOM (PRIVATE OFFICE)
FURN	FURNITURE	UNDRLAY	UNDERLAYMENT
FWC	FABRIC WALL COVERING	UNO	UNLESS NOTED OTHERWISE
FXD	FIXED	UTIL	UTILITY
FXTR	FIXTURE	V	
G		VEH	VEHICLE
GA	GAUGE	VERT	VERTICAL
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	VIF	VERIFY IN FIELD
GFRC	GLASS FIBER REINFORCED CONCRETE	W	
GFRG	GLASS FIBER REINFORCED GYPSUM	W	WITH
GFPP	GLASS FIBER REINFORCED PLASTER	W/O	WITHOUT
GL	GLASS	WC	WATER CLOSET
GR	GRADE(ING)	WO	WOOD
GYP	GYPSUM	WDW	WINDOW
H		WT	WEIGHT
HD	HEAD	WTRPRF	WATERPROOFING
HDWD	HARDWOOD		
HOWE	HARDWARE		
HM	HOLLOW METAL		
HORIZ	HORIZONTAL		
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING		
I			
IFO	INTERIOR FIT OUT		
INFILTR	INFILTRATION		
INFO	INFORMATION		
INSTRUM	INSTRUMENT(ATION)		
INSUL	INSULATION		
INT	INTERIOR		
INTLK	INTERLOCK(ING)		
J			
JAN	JANITOR		
K			
KIT	KITCHEN		
L			
LAV	LAVATORY		
LB	POUND		
LOUVER	LOUVER		
LT	LIGHT		
LVLG	LEVELING		
M			
M.E.	MATCH EXISTING		
MAX	MAXIMUM		
MECH	MECHANICAL		
MEMB	MEMBRANE		
MET	METAL		
MEZZ	MEZZANINE		
MFD	MANUFACTURED		
MFP	MULTI-FUNCTION PRINTER		
MFR	MANUFACTURER		
MN	MINIMUM		
MISC	MISCELLANEOUS		

ARCHITECTURAL

SHEET NUMBER		SHEET NAME		REVISIONS	
				LATEST	DATE
A00.00	DRAWING INDEX, LIFE SAFETY AND PROJECT INFORMATION	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A00.10	GENERAL NOTES AND TYPICAL MOUNTING HEIGHTS	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A00.11	ACCESSIBILITY INFORMATION	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A00.30	EQUIPMENT, FINISH, MILLWORK AND WALL PARTITION SCHEDULES	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A00.40	DOOR TYPES, DOOR SCHEDULE AND HARDWARE	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A01.01	EXISTING & DEMOLITION FLOOR PLAN	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A01.02	DEMOLITION REFLECTED CEILING PLAN	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A02.01	CONSTRUCTION PLAN	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A03.01	POWER AND COMMUNICATION PLAN	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A04.01	REFLECTED CEILING PLAN	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A05.01	PARTITION FINISH PLAN	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A06.01	FURNITURE PLAN	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A07.01	FLOOR FINISH PLAN	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A08.01	INTERIOR ELEVATIONS	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A08.02	INTERIOR ELEVATIONS	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A08.03	INTERIOR ELEVATIONS	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A08.04	INTERIOR ELEVATIONS	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A11.00	ENLARGED PLANS AND INTERIOR ELEVATIONS	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A12.00	MILLWORK - MW01	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A12.10	CSR LINE AND DETAILS	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A12.20	MILLWORK DETAILS	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A12.30	CEILING DETAILS	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET
A12.40	MEDIA & FINISH DETAILS	-	-	07.12.2024	90% CONSTRUCTION DOCUMENT SET

MECHANICAL

SHEET NUMBER		SHEET NAME		REVISIONS	
				LATEST	DATE
M01.01	MECHANICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
M01.02	MECHANICAL SPECIFICATIONS	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
M02.01	MECHANICAL DEMOLITION PLAN	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
M03.01	MECHANICAL NEW WORK PLAN	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
M04.01	MECHANICAL SCHEDULES	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
M05.01	MECHANICAL DETAILS	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET

ELECTRICAL

SHEET NUMBER		SHEET NAME		REVISIONS	
				LATEST	DATE
E01.01	ELECTRICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
E01.02	ELECTRICAL SPECIFICATIONS	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
E02.01	ELECTRICAL SCHEDULES	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
E03.01	ELECTRICAL POWER DEMOLITION PLAN	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
E04.01	ELECTRICAL LIGHTING DEMOLITION PLAN	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
E05.01	ELECTRICAL POWER PLAN	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
E06.01	ELECTRICAL LIGHTING PLAN	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
E07.01	ELECTRICAL DETAILS	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET

PLUMBING

SHEET NUMBER		SHEET NAME		REVISIONS	
				LATEST	DATE
P01.01	PLUMBING GENERAL NOTES, SYMBOLS & ABBREVIATIONS	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
P01.02	PLUMBING SPECIFICATIONS	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
P02.02	PLUMBING DEMOLITION PLAN	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
P03.01	PLUMBING NEW WORK PLAN	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET
P04.01	PLUMBING DETAILS & RISER DIAGRAMS	-	-	05.24.2024	90% CONSTRUCTION DOCUMENT SET

MEDIUM RENOVATION

1414 NY-300

Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225

NRSP VERSION: 4.0

BULLETIN: 01-2023

DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street

Suite 2100

Charlotte, NC 28280

United States

Tel 704.377.2725

Fax 704.377.2807

CBRE

CBRE Third Party Project Management

John Olsson

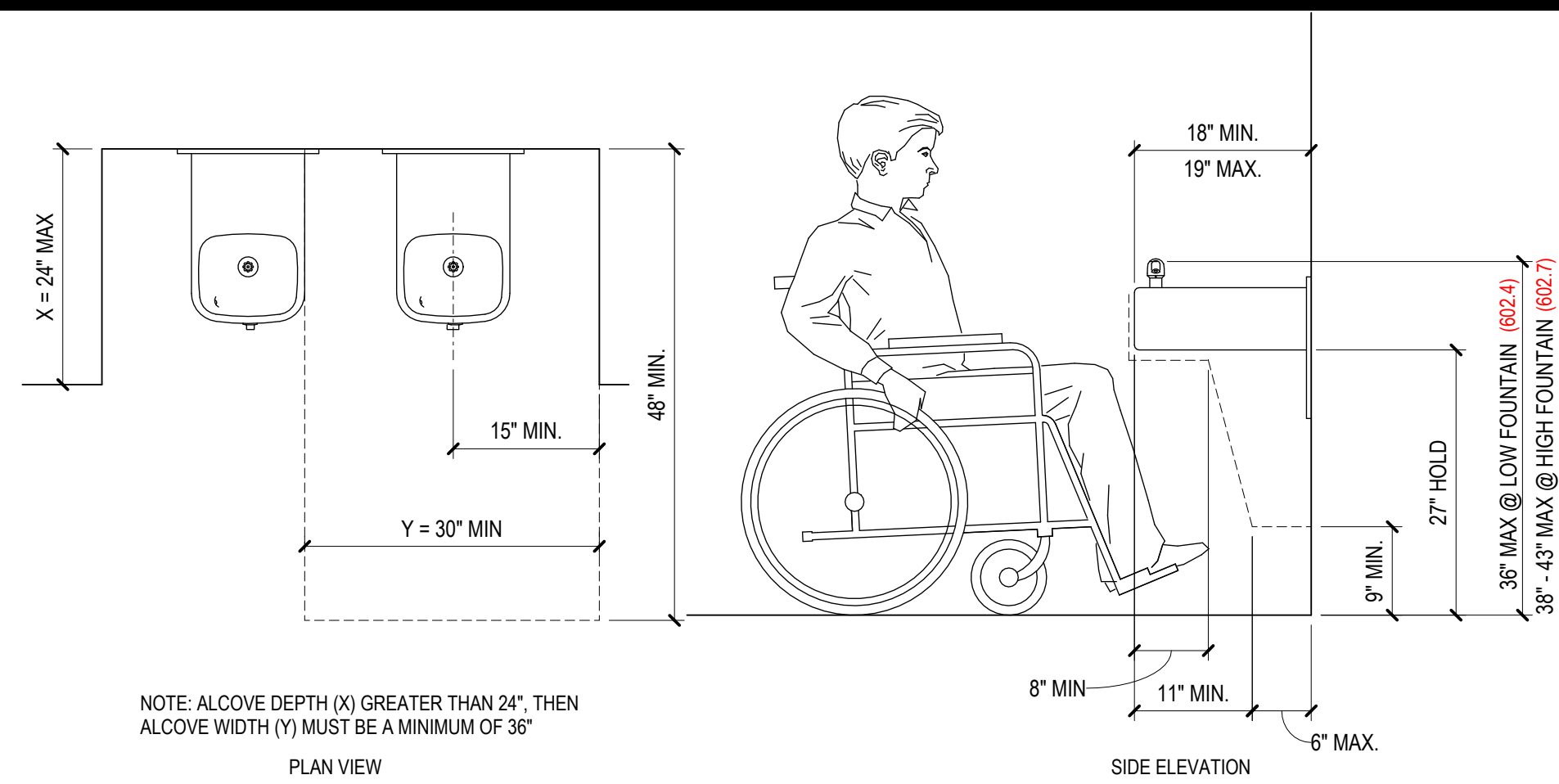
John.Olsson@cbre.com

FPA

FRENCH & PARRELLO

ASSOCIATES

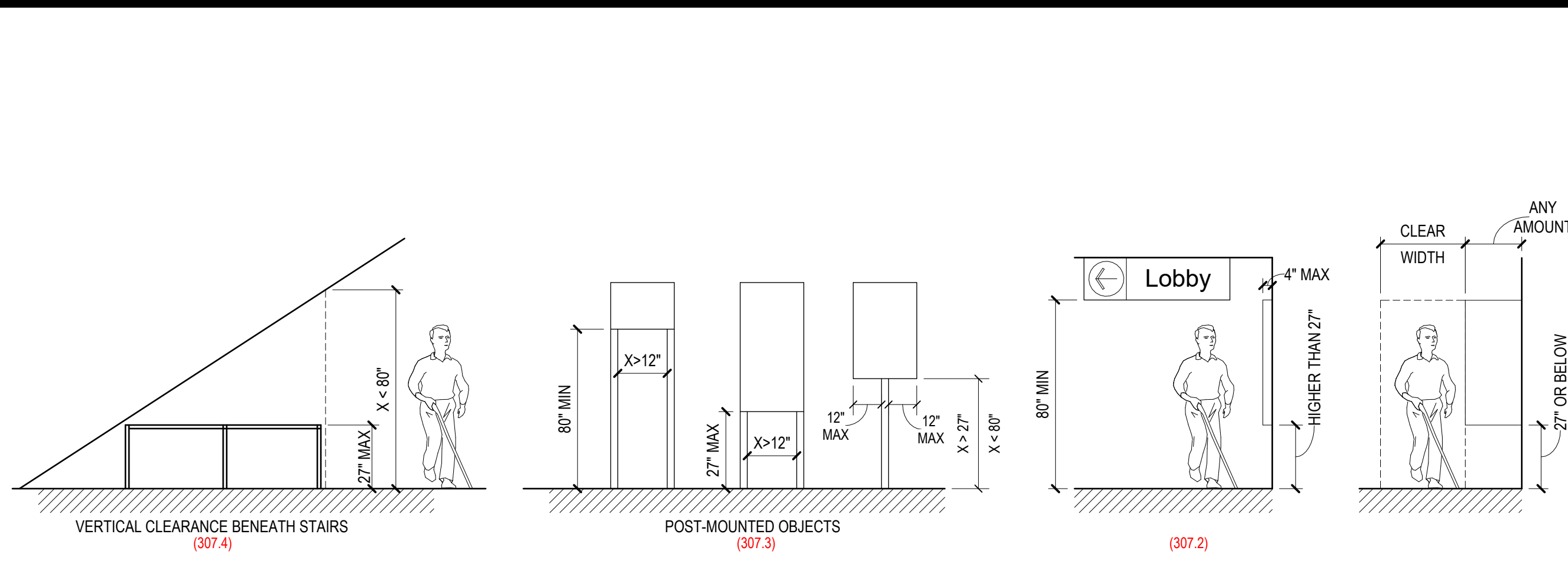
French & Parrello Associates



ACCESSIBLE - DRINKING FOUNTAINS

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

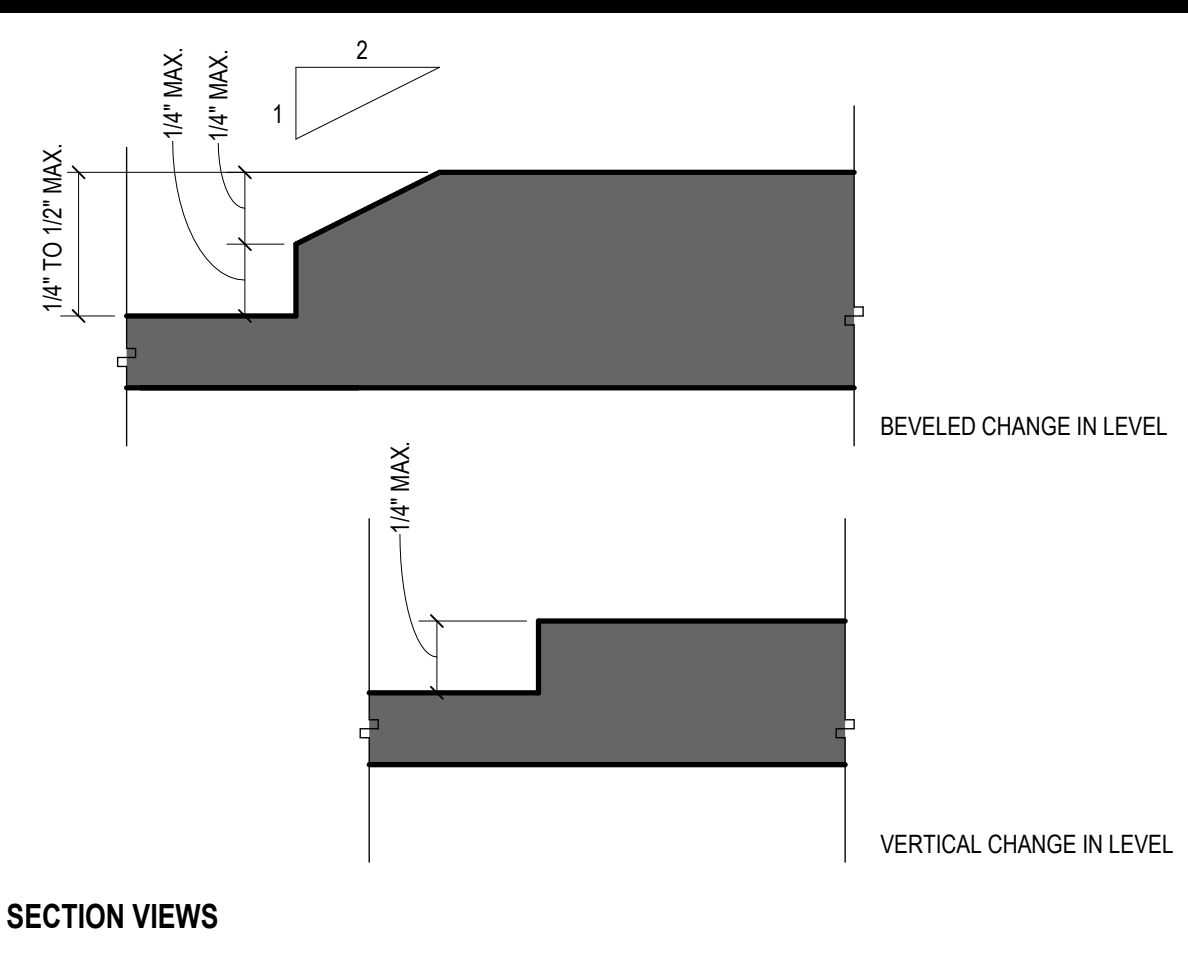
07



ACCESSIBLE - PROTRUDING OBJECTS

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

04



ACCESSIBLE - THRESHOLD

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

01

EXIT SIGNAGE IDENTIFICATION WITH RAISED LETTERS AND BRAILLE. BRAILLE TO MATCH BACKGROUND FINISH. CHARACTERS, SYMBOLS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND. (802.4)

2020 NYS ACCESSIBILITY CODE

CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60 PERCENT MIN AND 110 PERCENT MAX OF THE HEIGHT OF THE UPPERCASE LETTER "Y". CHARACTER HEIGHT SHALL BE 5/8 INCH MIN AND 2 INCHES MAX BASED ON THE HEIGHT OF THE UPPERCASE LETTER "Y". STROKE THICKNESS OF THE UPPERCASE LETTER "Y" SHALL BE 15 PERCENT MAX OF THE HEIGHT OF THE CHARACTER. (802.4)

2020 NYS ACCESSIBILITY CODE

CHARACTERS ON SIGNS SHALL BE RAISED 1/32" MIN. AND SHALL BE SAN SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH (802.4)

2020 NYS ACCESSIBILITY CODE

CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH (802.4)

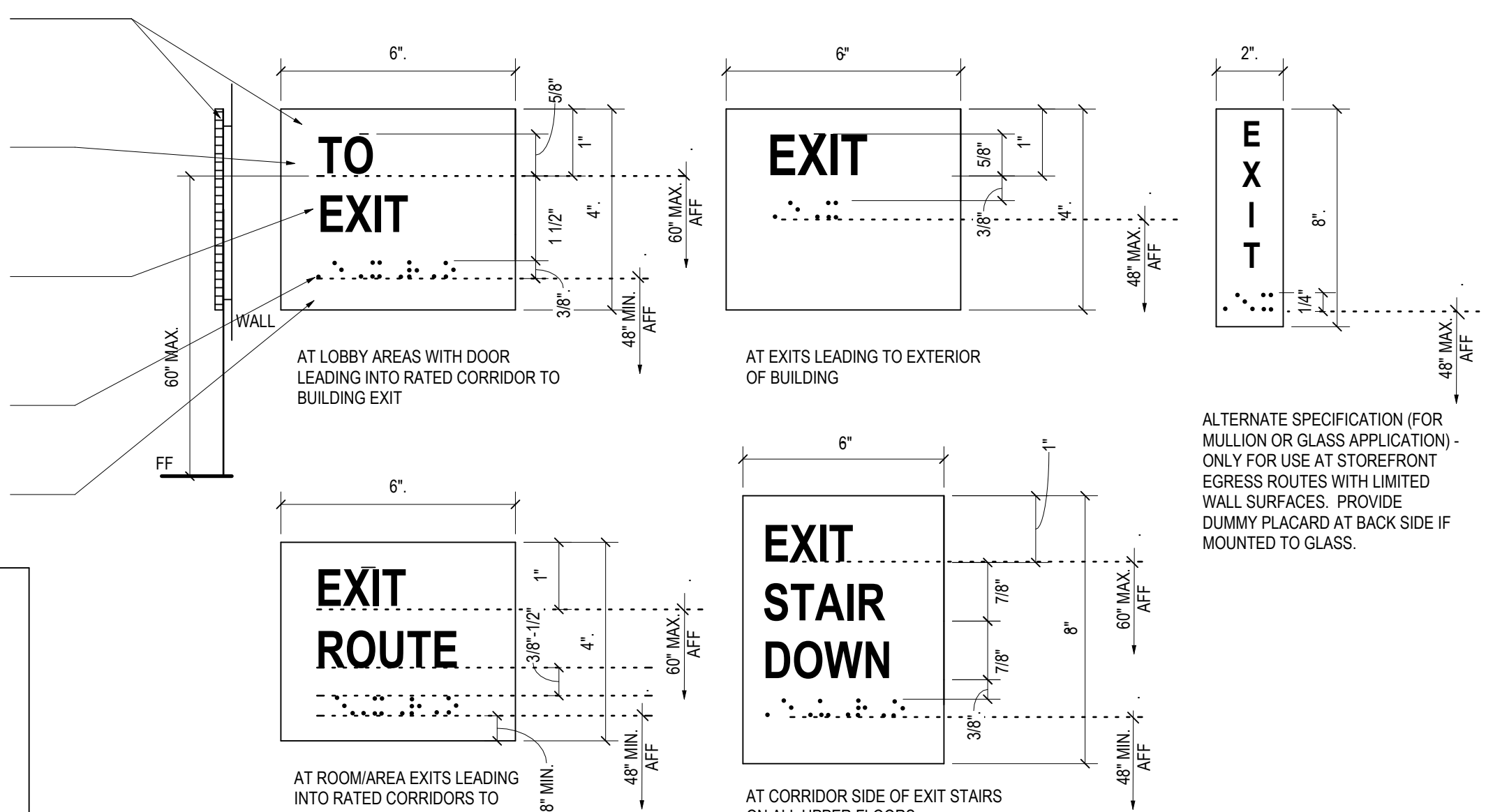
2020 NYS ACCESSIBILITY CODE

VISUAL CHARACTERS SHALL COMPLY WITH SECTION (802.4)

2020 NYS ACCESSIBILITY CODE

WHERE A TACTILE SIGN IS PROVIDED AT A DOOR FOR ROOMS AND SPACES, SIGNS SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, OR AT THE RIGHT SIDE OF DOUBLE LEAF DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 6" MIN. x 18" MIN. CENTERED ON THE TACTILE CHARACTER IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREES OPEN POSITION. (802.4)

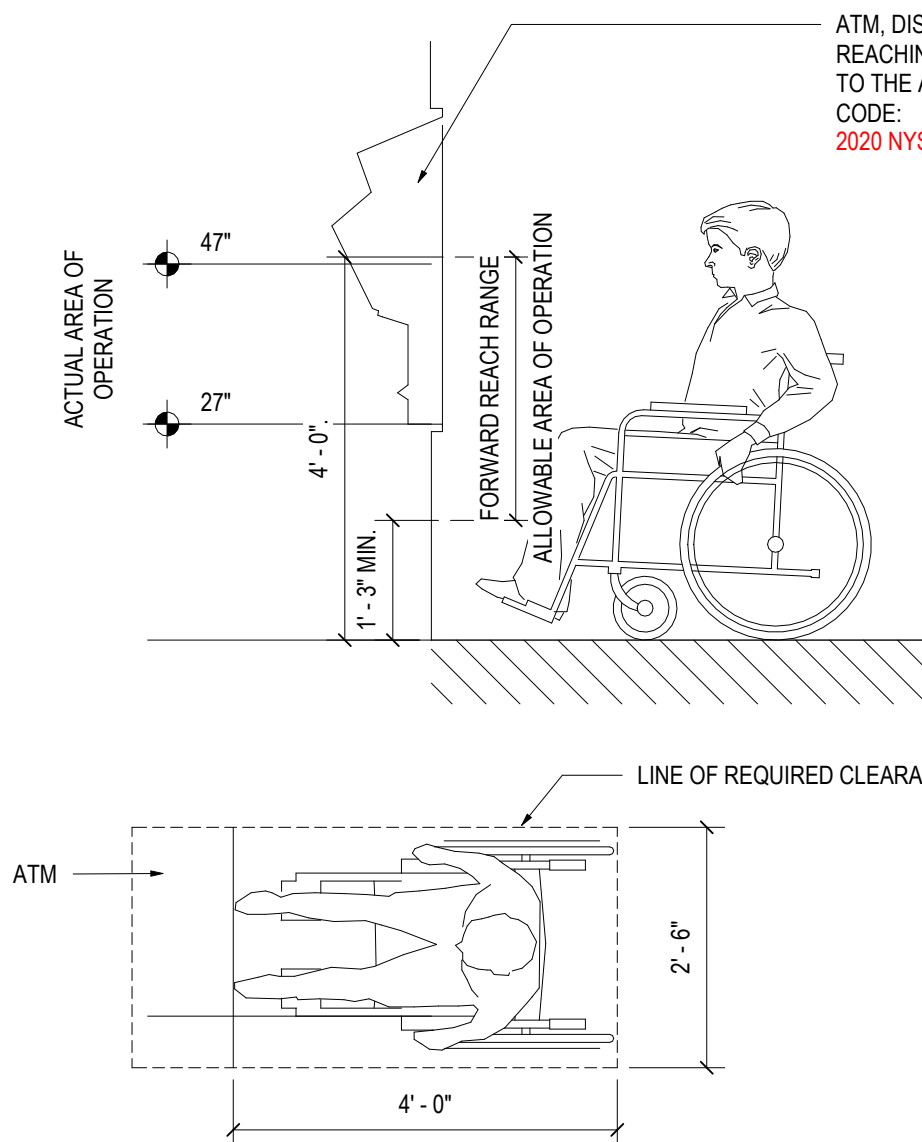
2020 NYS ACCESSIBILITY CODE



TACTILE EXIT SIGN

SCALE: 6" = 1'-0"

08



ATM APPROACH CLEARANCES NC

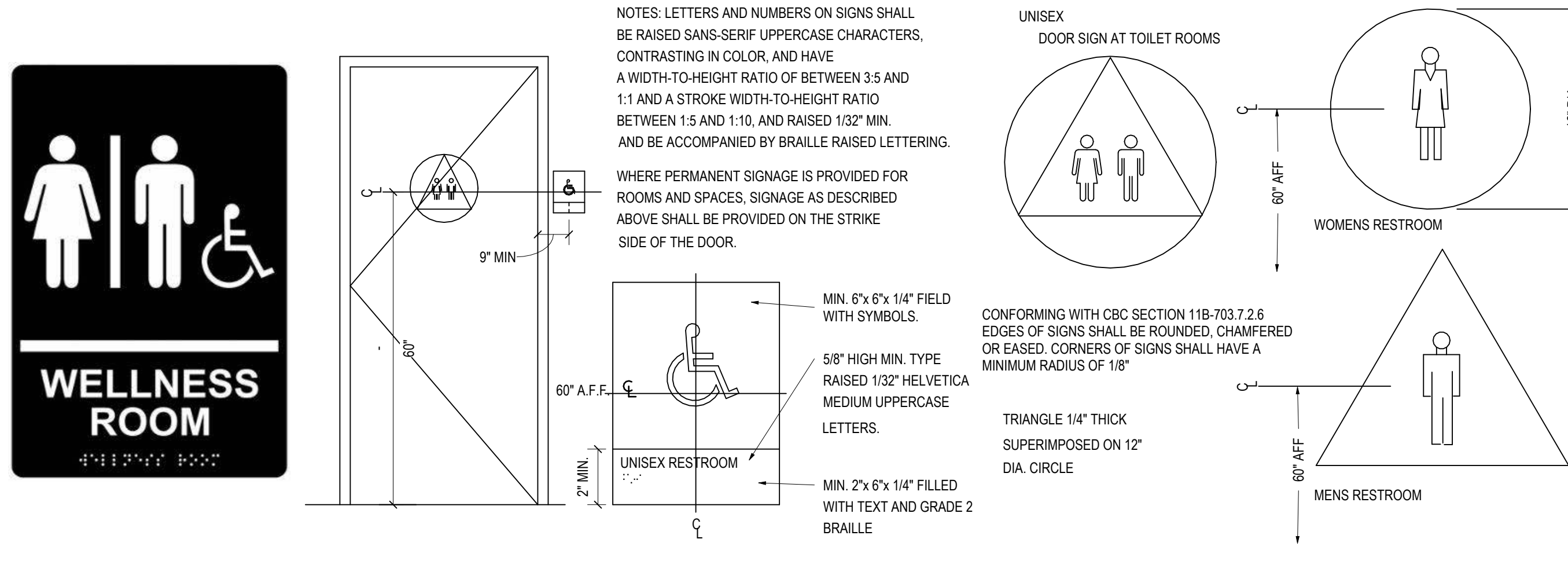
SCALE: 1/2" = 1'-0"

10

TYPICAL SIGNAGE INFORMATION

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

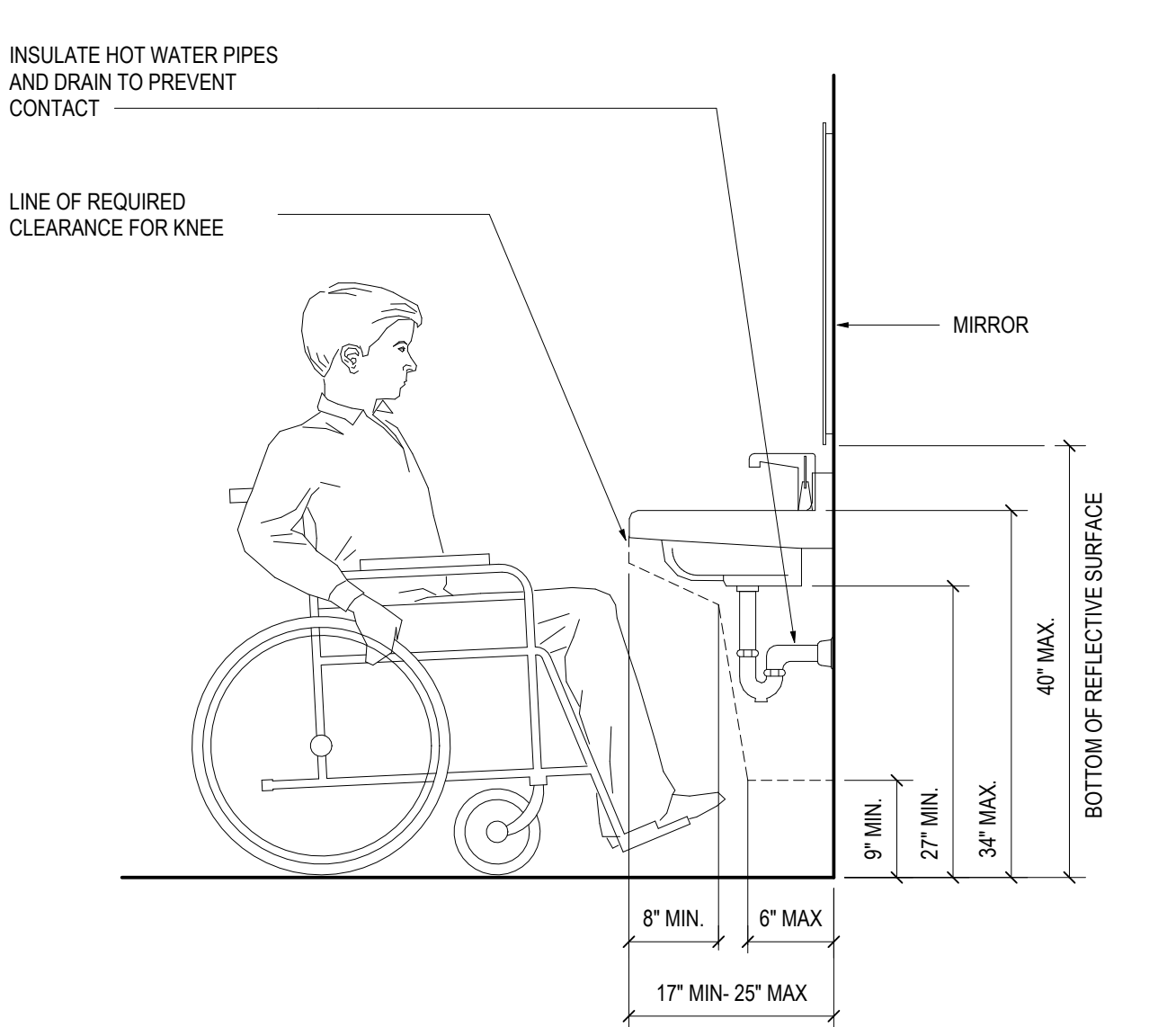
09



ACCESSIBLE - REACH RANGES

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

05



ACCESSIBLE - LAVATORY

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

06

ACCESSIBLE - DOOR CLEARANCES

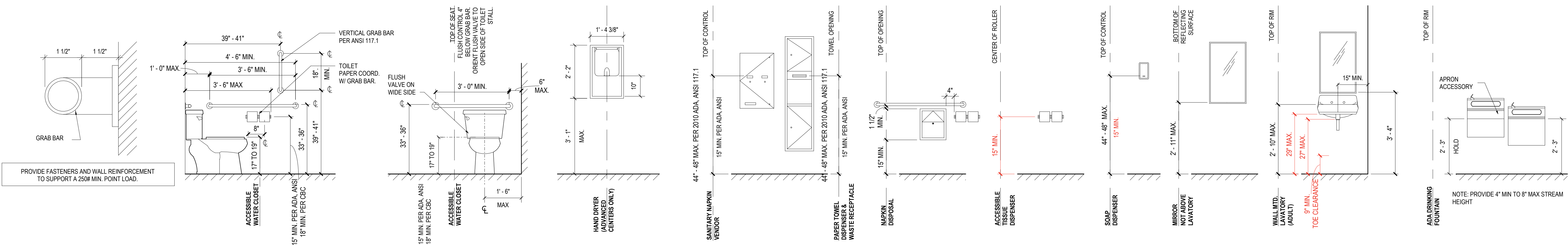
SCALE: 1/4" = 1'-0"

02

ACCESSIBLE - TYPICAL ACCESSORY HEIGHTS

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

03



MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States

Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Gooma, PE
Amin.Gooma@FPAengineers.com
Tel 732-312-9873

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

ACCESSIBILITY INFORMATION

Scale

As indicated

A00.11

EQUIPMENT SCHEDULE - FOR REFERENCE ONLY

NUMBER	DESCRIPTION	MANUF/MODEL NO.	DIMENSIONS	NOTES	ORDERED BY	INSTALLED BY
1. EQUIPMENT BY BANK SECURITY VENDOR: HAMILTON, DIEBOLD, & NCR						
36	AGREEMENT CONTRACT FILE CABINET	3 DRAWER FIRE FILE WITH FLIP TOP, SOFT WHITE	44 1/2" W X 22 1/8" D X 58 1/2" H	VERIFY DIMENSIONS WITH MANUFACTURER	PJM	BANK VENDOR
39	ADA SIT DOWN PEDESTAL	DIEBOLD 19-086720-00A	18.85"W X 20"D X 28.58"H	SD-3-LL (LEFT) OR SD-3-RL (RIGHT)	PJM	BANK VENDOR
41B	CSR SAFE	HAMILTON 14-146	40"W X 26"D X 72"H	COLOR: CHARCOAL GRAY	PJM	BANK VENDOR
41C	BULK SAFE	HAMILTON 14-147	40"W X 26"D X 72"H	COLOR: CHARCOAL GRAY	PJM	BANK VENDOR
43	STAND UP PEDESTAL	HAMILTON 1402	18"W X 19"D X 38"H	COLOR: CHARCOAL GRAY	PJM	BANK VENDOR
2. EQUIPMENT BY SECURITY VENDOR						
58	SECURITY MONITOR	WELDEK LCD MONITOR	15" 17" 19" SCREEN	15" AT CALLING CUBES; 17/19" AT WORK ROOM	PJM	SECURITAS
59	SECURITY CAMERA (INTERIOR DOME)	HANWAH VISENET X; XND-6080RV	6.5"W X 4.6"H		PJM	SECURITAS
61	HOLD UP BUTTON	DMP 1142-B	1.6"W X 3.3"L X 1.2"H	WIRELESS 2 BUTTON TRANSMITTER, COLOR: BLACK	PJM	SECURITAS
62	ROBBERY LIGHT	DMP 572	2.75"W X 4.5"H	POLYCARBONATE INDICATOR LED WITH STAINLESS STEEL MOUNTING PLATE	PJM	SECURITAS
82	POINT OF CONNECTION	-	-	-	PJM	SECURITAS
99	MOTION DETECTOR	DMP 1127W-W	2.7"W X 1.77"D X 4.33H	COLOR: WHITE	PJM	SECURITAS
101	CARD READER	DMP HID MP-5365 OR TL-5395	-	-	PJM	SECURITAS
3. EQUIPMENT BY TECHNOLOGY VENDOR/BANK						
07	COMBO BOARD	STAPLES #518866 W/ QUARTET ACCESSORIES	48"W X 36"H	COLOR: CORK/WHITE, NATURAL FINISH. CONTRACTOR TO INSTALL, ONLY	PJM	GCPJM
09	WALL CLOCK	STAPLES #32436	10" DIA	BLACK BEZEL AND WHITE FACE. REQUIRES AA BATTERY.	PJM	GCPJM
10	CPU, KEYBOARD, MOUSE	HP PRO DESK 600 SFF	-	-	TECHNOLOGY	HP/TPM
11	MONITOR	-	-	ENERGY STAR GOLD	TECHNOLOGY	HP/TPM
12	PRINTER	HP LJ E50145	-	-	TECHNOLOGY	HP/TPM
20	VALIDATION PRINTER	EPSON TM-U675 MULTIFUNCTION TELLER PRINTER	6.46"W X 9.46"D X 5.36"H	-	TECHNOLOGY	HP/TPM
21	MICR READER	MASTEK 22523009-MINI MICR	4"W X 6"D X 3.5"H	-	TECHNOLOGY	HP/TPM
22	PRINTER	M5070N	-	-	TECHNOLOGY	HP/TPM
23	CORDLESS PHONE	CISCO CP-7920	2.1"W X 1"D X 5"H	BACK TELLER LINE	TECHNOLOGY	BLACKBOX
24	PHONE	CISCO 8862 - WALL MOUNTED	10.5"W X 6.0"D X 8.2"H	COLOR: BLACK	TECHNOLOGY	BLACKBOX
25	QUICK SERVICE TERMINAL	VERIFONE MX 925	8.6"W X 2.2"D X 9.1"H	-	TECHNOLOGY	BLACKBOX
26	CURRENCY COUNTER	PRO NOTE 1.5 (G&D)	335 X 280 X 270 MM	STANDARD FOR NEW FC IS 1 POCKET	TECHNOLOGY	HP/TPM
26A	CURRENCY COUNTER	BPS C2-2 (G&D)	510 X 330 X 390 MM	-	TECHNOLOGY	HP/TPM
29	CART	STAPLES #810832	40.125"W X 20"D X 37.75"H	COLOR: GRAY	-	-
30	COUNTER CHECK SEPARATOR	MMF 260066404	16.25"W X 8"D X 4"H	COLOR: BLACK	-	-
32	SIX POCKET FORM HOLDER	MMF 267460604	8"W X 3.5"D X 6"H	COLOR: SMOKE	-	-
51	DOUBLE TRASH AND RECYCLING CONTAINER	RECYCLE AWAY - SIMPLE SORT DOUBLE RECYCLING STATION	22"L X 20"W X 30"H	RECYCLABLES: BLUE; WASTE: BLACK	PJM	GCPJM
55	ROLLING RECYCLE BINS	SHRED IT	24"W X 30"D X 42"H	COLOR: GRAY	PJM	GCPJM
64	PURELL HAND SANITIZER	GOJO PURELL FMX-12 DISPENSER	6.125" X 5.125"D X 10.625"H	COLOR: WHITE	PJM	GCPJM
66	DESK SIDE RECYCLING CONTAINER	RUBBERMAID 2955-73	8.25"W X 11.38"L X 12.13"H	-	PJM	GCPJM
71	CREDIT CARD TERMINAL	FIRST DATA FDS01T	3.7"W X 7.8"D X 3.5"H	-	-	-
95	REMOTE CAPTURE SCANNER	CANON IMAGEFORMULA CR-190 CHECK TRANSPORT	10.7"W X 18.7"D X 8.4"H	-	-	-
117	CHECK SCANNER	PANINI EVERNEXT SCANNER	-	-	TECHNOLOGY	HP/TPM
118	PROOF WORK TRAY	BANK STANDARD	-	-	BOFA	BOFA
119	BLANK DEPOSIT SLIP TRAY	BANK STANDARD	-	-	BOFA	BOFA
4. EQUIPMENT BY CONTRACTOR						
03	COAT HOOKS	REFER TO SPECIFICATIONS SECTION 12 90 00	-	COAT RACK WITH 3 HOOKS ON BAR, 2 BARS AND 6 HOOKS IN TOTAL	GC	GC
15	MICROWAVE	GE, #JES2051SNSS	19.25"D X 24.125"W X 13.625"H	COLOR: STAINLESS STEEL	GC	GC
16	REFRIGERATOR (FULL SIZE)	GE, #WGE18GSMRSS	28"W X 32.875"D X 67.375"H	COLOR: STAINLESS STEEL	GC	GC
17	REFRIGERATOR (UNDERCOUNTER)	GE, #WGE16GLKLB	19.75"W X 21.25"D X 33.875"H	COLOR: CLEAN STEEL	GC	GC
65	FILTERED WATER DISPENSER	ION, #T5400	16.2"W X 15.6"D X 20.6"H	COLOR: TITANIUM WITH CHARCOAL TRIM	GC	GC
92	CHIME, BUZZER, TRANSFORMER, ETC.	REFER TO SPECIFICATIONS SECTION 26 27 26	-	ALL DOOR CHIMES TO BE SET AT TWO TONES, U.N.O.	GC	GC
108	SOUND MACHINE	PURE ENRICHMENT WAVE SLEEP THERAPY, PESLEEP-W/85397505477	-	-	GC	GC

FINISH SCHEDULE

FINISH CODE	DESCRIPTION	VENDOR CONTACT	ORDERED BY	INSTALLED BY
CARPET (BAC PROPRIETARY)				
CPT-5	POWER2CARPET POWERBOND CUSHION RS - BY TARKETT/ TANDUS (6'-0" ROLLED) CATALOG NUMBER - 1022930-008	PJM TO REACH OUT TO CENTRAL EMAIL: BOAContract@TARKETT.COM	PJM	TARKETT
CERAMIC TILE (BAC PROPRIETARY)				
CT-12	WALL TILE: 6" X 3" DALTILE: COLOR: WHEEL COLLECTION - CLASSIC. 5/16" THICK TILE, MATTE DESERT GRAY (X714) / GROUT (G-9) 1/8" THICKNESS. MAPEI COLOR: PEWTER #2	PJM TO REACH OUT TO CENTRAL EMAIL: BOAContract@TARKETT.COM	PJM	TARKETT
CT-12B	BULLNOSE: 6" X 3" DALTILE: COLOR: WHEEL COLLECTION - CLASSIC. 5/16" THICK WALL BULLNOSE, MATTE DESERT GRAY (X714) / GROUT (G-9) 1/8" THICKNESS. MAPEI COLOR: PEWTER #2	*	PJM	TARKETT
CT-12D	COVE BASE: 6" X 3" DALTILE: COLOR: WHEEL COLLECTION - CLASSIC. 5/16" THICK COVE BASE, MATTE DESERT GRAY (X714) / GROUT (G-9) 1/8" THICKNESS. MAPEI COLOR: PEWTER #2	*	PJM	TARKETT
CT-15	DALTILE DIGNITARY: 12" X 24"; CATALOGUE NO. DR08RCT1224MT; COLOR NAME: SUPERIOR TAUPE; COLOR NUMBER: DR08 STERLING SILVER 78	*	PJM	TARKETT
CT-16	FIELD TILE, 12"x12"; DALTILE, VOLUME 1.0, 5/16" THICK TILE, MATTE STEREO GRAY VL73; GROUT (G-9) 1/2" THICKNESS, COLOR: PEWTER	*	PJM	TARKETT
LINOLEUM TILE (BAC PROPRIETARY)				
LIN-04	TARKETT LINOLEUM, LINOX2; VENETO; 2.5 MM THICK; 6'-6" WIDE ROLL. COLOR: 674 SLATE	*		TARKETT
VINYL COMPOSITION TILE				
VCT-2	TARKETT: 12" X 12" VINYL COMPOSITION TILE, 602 STONE GREY QUARTZ COLORWAY; QUARTER TURNED PATTERN INSTALLATION	PJM TO REACH OUT TO CENTRAL EMAIL: BOAContract@TARKETT.COM	PJM	TARKETT
WALL BASE				
B-11	TARKETT/ JOHNSONITE MANDALAY SERIES MM-XX-H WALL BASE, RUBBER, 4 1/2" x 3/8", #82 BLACK PEARL	PJM TO REACH OUT TO CENTRAL EMAIL: BOAContract@TARKETT.COM	PJM	TARKETT
B-12	TARKETT/ JOHNSONITE BASEWORKS THERMOSSET RUBBER WALL BASE, RUBBER, 4" x 1/8", #RTG3 IRON MOUNTAIN	*	PJM	TARKETT
PAINT				
P-15	BENJAMIN MOORE ULTRA SPEC 500; EGGSHELL FINISH FOR WALLS, SEMI-GLOSS FINISH FOR DOORS/FRAMES, FLAT FINISH FOR CEILINGS. COLOR: SUPER WHITE (OC-125).	REFER TO LOCAL REP: WWW.BENJAMINMOORE.COM/EN-US	GC	GC
P-17	BENJAMIN MOORE ULTRA SPEC 500; EGGSHELL FINISH FOR WALLS. COLOR: CHARCOAL SLATE (HC-178).	*	GC	GC
P-18	BENJAMIN MOORE ULTRA SPEC 500; EGGSHELL FINISH FOR WALLS. COLOR: BLACK HORIZON (D132-30).	*	GC	GC
P-19	BENJAMIN MOORE ULTRA SPEC 500; EGGSHELL FINISH FOR WALLS. COLOR: MYSTERIOUS (AF-565).	*	GC	GC
P-20	BENJAMIN MOORE ULTRA SPEC 500; EGGSHELL FINISH FOR WALLS. COLOR: HALE NAVY (HC-154).	*	GC	GC
WALLCOVERING				
WC-22	HALE NAVY - SATIN. DIMENSIONAL EFFECT WITH SPOT GLOSS PATTERN. PREP WALL WITH BM FRESH START HIGH HIDING ALL PURPOSE PRIMER TINTED WITH P-20 PAINT INTERIOR/EXTERIOR PRIMER DEEP BASE (B46-04)	*	PJM	GPI
LAMINATES				
CL-1	WILSONART CABINET LINER, WHITE, #60 MATTE STANDARD (#1570-60)		GC	GC
PL-7	WILSONART LAMINATE, DESIGNER WHITE, MATTE (#D354-60)	RICHELLE SIGAFOOS, 215.219.1133, SIGAFOR@WILSONART.COM	GC	GC
PL-18 HW	WILSONART HIGH PRESSURE LAMINATE, PRESSED LINEN (#491-60 TYPE 350HW) MATTE; HIGH WEAR LAMINATE - TO BE USED AT COUPON BOOTH	*	GC	GC
PL-20	FENIX NTM LAMINATE, COLOR: NERO INGO #0720 (#J0720JMFN408301) NOTE TO GC/ PJM - ENTER BANK OF AMERICA ORDER WHITE ORDERING LAMINATE	*	GC	GC
PL-22	FORMICA LAMINATE, FORMICA INFINITI LAMINATES; COLOR: WALNUT RIFTWOOD 9283 CATALOG # 09283A/IN0820 - NOTE AS BANK OF AMERICA ORDER WHEN ORDERING	*	GC	GC
PL-24	FENIX NTM LAMINATE, COLOR: NERO INGO #0720 (#J0720JMFN408301) NOTE TO GC/ PJM - ENTER BANK OF AMERICA ORDER WHITE ORDERING LAMINATE	*	GC	GC
SS-7	WILSONART SOLID SURFACE, PEACE GRAY	*		GC
ACOUSTICAL CEILING TILE				
ACT-4	ARMSTRONG CALLA, #2824, 24" X 24" X 1", WHITE; SQUARE REGULAR 9/16"; CEILING GRID: SUPRINFANE ML 9/16" EXPOSED TEE	-	GC	GC
ACT-5	ARMSTRONG ULTIMA, 24" X 48" X 3/4", WHITE - MODEL 1914 LOCATION: BOH	-	GC	GC
GLAZING FILM & SIGNAGE				
FLM-2	3M INSTALLED BY GPI, SCOTCHCAL DUSTED CRYSTAL, #7725SE - COORDINATE WITH SIGNAGE VENDOR	*	PJM	GPI
FLM-4	3M INSTALLED BY GPI, BLACKOUT FILM, MODEL # 9635-22B, COLOR: FACE SIDE - BLACK, ADHESIVE SIDE - WHITE; FINISH: MATTE; INSTALLATION: APPLICATION ON EXTERIOR SIDE OF EXTERIOR GLAZING UNLESS OTHERWISE INDICATED; APPLICATION METHOD - DRY; INSTALLED BY GC	*	GC	GC
FLM-9	LUMAR SAFETY / SECURITY SERIES #SOL SR P58	*	GC	GC
FLM-28	OFFICE FLECK FILM 5" HIGH	DARYL SLADEK, 815.726.3288, DARYL@GPI920.COM. TO BE PROVIDED AND INSTALLED BY GPI ONLY.	PJM	GPI
OPF-FADE-WHITE	OBSCURING PRIVACY FILM - FADE	*	PJM	GPI
SC-5	SPECIALIST OFFICE REMOVABLE SIGNAGE - COORDINATE WITH SIGNAGE VENDOR	*	PJM	GPI
SCM-2	SPECIALIST OFFICE REMOVABLE SIGNAGE	*	PJM	GPI
WINDOW TREATMENT				
SWM-2	SMALL BASE SHOUWNEED COORDINATE WITH BANK OF AMERICA SHADE CLOTH COLLECTION - 1550 SERIES; ECOVEIL SCREENS, SILVER BIRCH #1569, 3% OPEN OVER FIXED BUILT-IN MILLWORK EQUIPMENT.	-	GC	GC

WALL COVERING BASE PAINT SPECIFICATIONS

STEPS FOR APPLICATION

- WC-22**
HALE NAVY STREAMLINE WALLCOVERING
BENJAMIN MOORE FRESH START HIGH HIDING ALL PURPOSE PRIMER - TINTED WITH P-20 PAINT
BENJAMIN MOORE "HALE NAVY"
- AT LEAST 6 INCHES OF WALL REQUIRED FOR WRAPPING CORNERS AND RETURNS
 - WALL TO BE PREPARED WITH A LEVEL 5 FINISH
 - CORRECT BENJAMIN MOORE PRIMER PRODUCT TO BE APPLIED PER SPECIFICATIONS LISTED AT LEFT
* SPOT GLOSS FLECK (WC-24) TO BE PRIMED AND PAINTED
 - PAINT TO BE CURED FOR 10 DAYS PRIOR TO WALL COVERING APPLICATION.
* ATM SURROUND ONLY IS PREFERRED TO BE INSTALLED BEFORE WALLCOVERING
 - GPI TO INSTALL ALL WALLCOVERINGS
 - ATM EQUIPMENT, BRAND SIGNAGE AND DIGITAL TO BE INSTALLED AFTER WALL COVERING IS INSTALLED

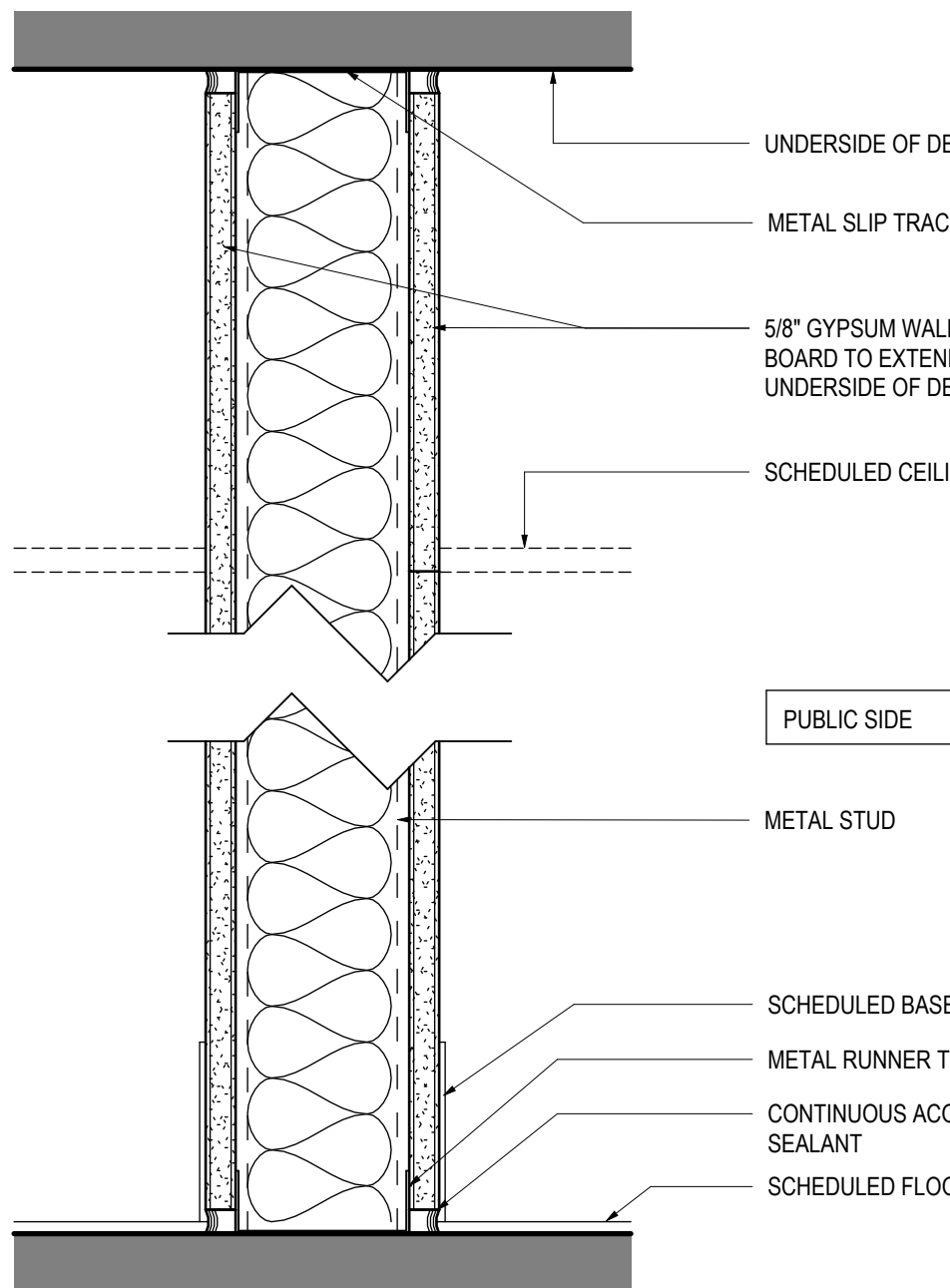
REFER TO BANK STANDARDS AND SPECIFICATIONS PRIOR TO APPLICATION

ARCHITECTURAL MILLWORK SCHEDULE

MILLWORK NUMBER	NAME	DESCRIPTION	DEPTH	PLAN, ELEVATION AND DETAIL LOCATION	REMARKS
MM-01	PRINTER CABINET	CABINET WITH SHELVES ON GUIDES (PL-7)	2' - 7 1/2"	A02.01, A08.03, A12.01	
MM-04	COUPON BOOTH	COUNTER OPEN BELOW WITH 2" (PL-18HW) (PROVIDE BACKSPLASH AND SIDESPLASH)	2' - 0"	A02.01, A08.01, A12.20	
MM-07	UNIVERSAL CALLING CUBES	BASE CABINET, 1'-3" DEEP UPPER CABINET (PROVIDE BACKSPLASH AND SIDESPLASH)	2' - 0"	A02.01, A08.02, A12.20	
MM-08	BREAKROOM	BASE CABINET WITH SINK	2' - 0"	A02.01, A08.03, A12.20	
MM-09	TELLER OPERATION SPECIALIST	COUNTER OPEN BELOW AND 1'-3" DEEP UPPER CABINET (PROVIDE BACKSPLASH AND SIDESPLASH)	2' - 0"	A02.01, A08.03, A12.20	
MM-11	TELLER WORK COUNTER	BASE CABINET (PROVIDE BACKSPLASH AND SIDESPLASH)	2' - 0"	A02.01, A08.03, A12.20	
MM-12A	TELLER WORKROOM	BASE CABINET AND 1'-3" DEEP OPEN UPPER CABINET (PROVIDE BACKSPLASH AND SIDESPLASH)	2' - 0"	A02.01, A08.02, A12.20	
MM-12B	TELLER WORKROOM	COUNTER OPEN BELOW AND 1'-3" DEEP OPEN UPPER CABINET (PROVIDE BACKSPLASH AND SIDESPLASH)	2' - 0"	A02.01, A08.02, A12.20	
MM-13	WORK ROOM	WORK ROOM CASH VAULT	2' - 7"	A02.01, A08.02, A12.20	
MM-CUSTOM	CENTRAL ZONE CURB	MILLWORK CURB WITH VENTS FOR AIR DIFFUSER AT FLOOR.	0' - 7"	A02.01, A08.03, A12.20	

ATM EQUIPMENT & HOUSING TABLE

ATM MODEL	SLEEVE	CASSETTE CONFIGURTION (NCR MODELS ONLY)	SURROUND	SURROUND FILLERS	TOPPER	LOCATION	HOUSING
DIEBOLD DN 200 MICRO ATM	N/A	N/A	NONE	N/A	NONE	CENTRAL ZONE	FRAME-R-KIOSK-HG_3.0-DN200

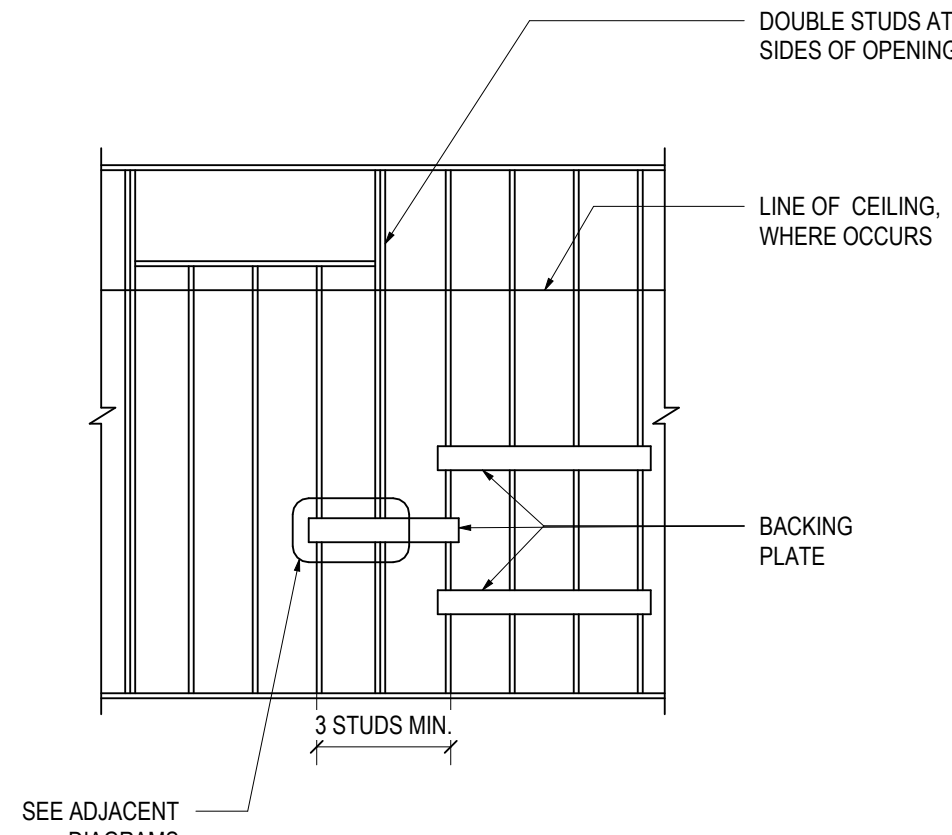


PARTITION TYPE MARK	FRAMING		SPACING		DETAILS		ATTN	FIRE	TESTED	STC	RTG
	THK (GA)	DEPTH	TOP	BOT	THK	RTG					
B	16	3 5/8"	16" O.C.	B	B	3 1/2"	N/A	N/A	N/A	N/A	
B*	16	3 5/8"	16" O.C.	B	B	3 1/2"	N/A	N/A	N/A	N/A	

*(1) LAYER OF GYPSUM BOARD AT EXPOSED SIDE

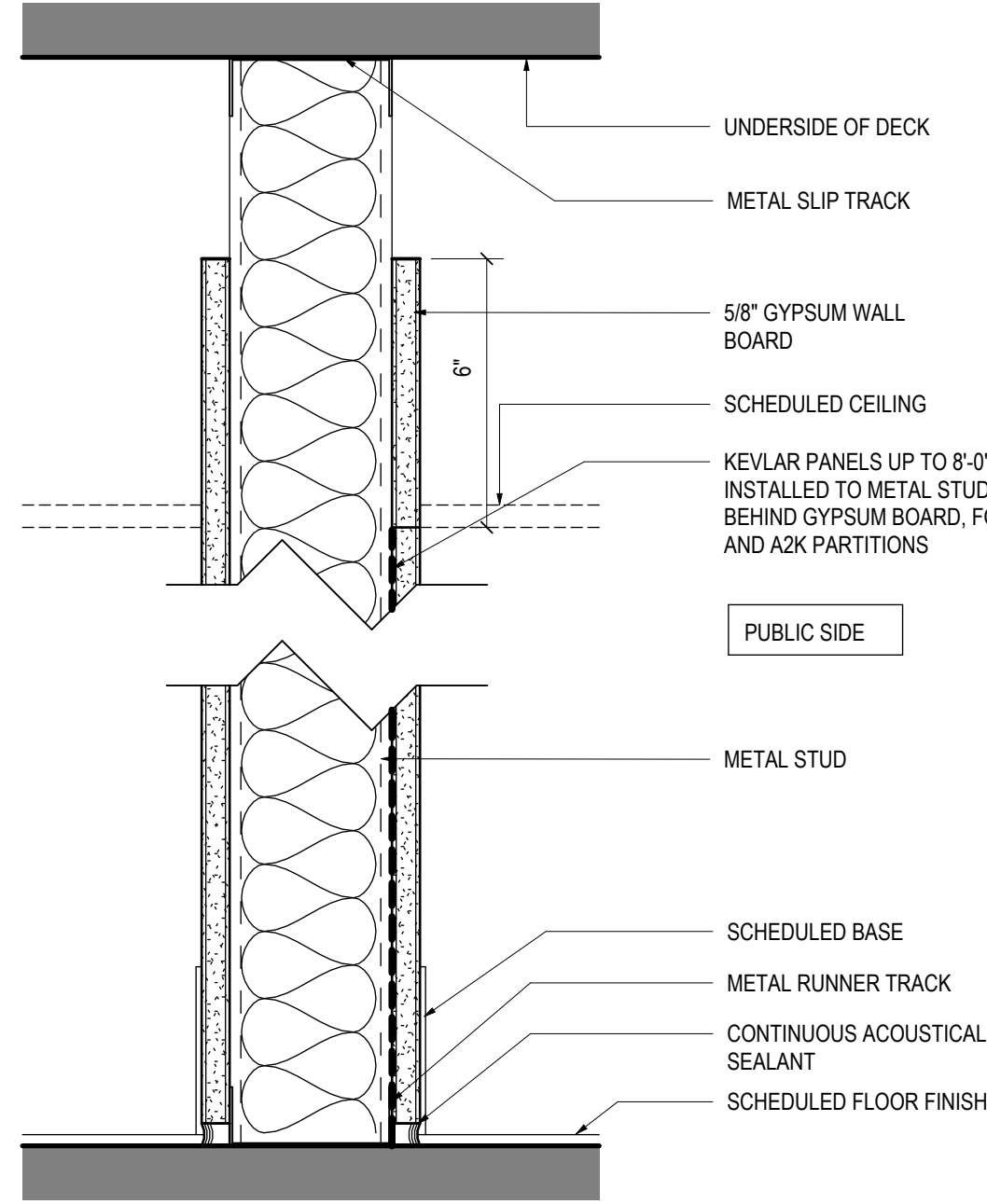
PARTITION TYPE 'B'

SCALE: 3" = 1'-0"



TYP. NON-BEARING WALL TOP CONNECTION

SCALE: 12" = 1'-0"

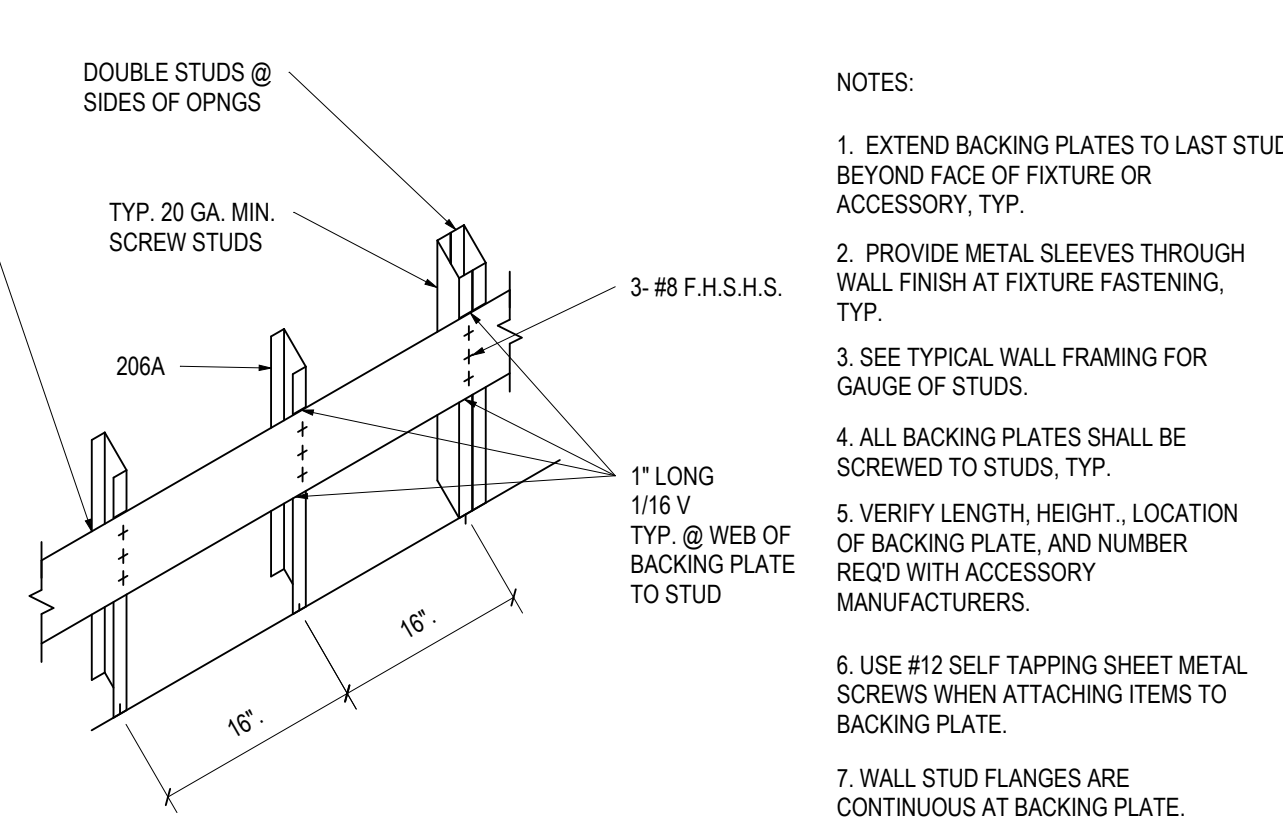


PARTITION TYPE MARK	FRAMING		SPACING		DETAILS		ATTN	FIRE	TESTED	STC	RTG
	THK (GA)	DEPTH	TOP	BOT	THK	RTG					
A1	16	3 5/8"	16" O.C.	A	A	3 1/2"	N/A	N/A	N/A	N/A	
A1K	16	3 5/8"	16" O.C.	A	A	3 1/2"	N/A	N/A	N/A	N/A	
A2*	16	3 5/8"	16" O.C.	A	A	3 1/2"	N/A	N/A	N/A	N/A	
A2K*	16	3 5/8"	16" O.C.	A	A	3 1/2"	N/A	N/A	N/A	N/A	
A5	-	6"	16" O.C.	A	A	6"	N/A	N/A	N/A	N/A	

*(1) LAYER OF GYPSUM BOARD AT EXPOSED SIDE

PARTITION TYPE 'A'

SCALE: 3" = 1'-0"



NOTES:

- EXTEND BACKING PLATES TO LAST STUD BEYOND FACE OF FIXTURE OR ACCESSORY, TYP.
- PROVIDE METAL SLEEVES THROUGH WALL FINISH AT FIXTURE FASTENING, TYP.
- SEE TYPICAL WALL FRAMING FOR GAUGE OF STUDS.
- ALL BACKING PLATES SHALL BE SCREWED TO STUDS, TYP.
- VERIFY LENGTH, HEIGHT, LOCATION OF BACKING PLATE, AND NUMBER REQ'D WITH ACCESSORY MANUFACTURERS.
- USE #12 SELF TAPPING SHEET METAL SCREWS WHEN ATTACHING ITEMS TO BACKING PLATE.
- WALL STUD FLANGES ARE CONTINUOUS AT BACKING PLATE.

SHEET NOTES

- A. FOR STORES UNDERGOING INTERIOR RENOVATIONS, ALL FLOORING TO BE FURNISHED AND INSTALLED BY TARKETT. FOR GROUND UP STORES, ALL FLOORING TO BE FURNISHED AND INSTALLED BY BANK OF AMERICA VENDOR - TARKETT US.
- B. FOR GROUND UP STORES, CONTRACTOR SHALL BE RESPONSIBLE FOR INCLUDING TARKETT WORK IN THE PROJECT SCHEDULE AND COORDINATING THEIR WORK ON SITE.
- C. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CLEAN, BROOM SWEEP, FLOOR COVERING READY SUBSTRATES.
- D. CONTRACTOR SHALL BE RESPONSIBLE FOR MAJOR FLOORING PREPARATION AND/OR LEVELING. TARKETT WILL BE RESPONSIBLE FOR MINOR FLOOR PREPARATION, DEFINED AS EITHER:
1) FILLING OF CRACKS AND VOIDS LESS THAN 1/8" X 1/8"
2) ONE HOUR PER 1000 SF, INCLUDING FINAL SWEEPING. TANDUS WILL INSPECT PROJECTS PRIOR TO SCHEDULED INSTALLATIONS SO THAT FLOOR PREPARATION ISSUES, IF ANY, CAN BE PROPERLY ADDRESSED.
- E. CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR POST FLOORING INSTALLATION, PAINT TOUCH UP AND NORMAL POST CONSTRUCTION CLEAN UP AND JANITORIAL SERVICES INCLUDING VACUUMING OF CARPET AND CLEANING OF RESILIENT FLOORING.
- F. SEE GENERAL NOTES ON POWER AND COMMUNICATIONS PLAN FOR COVER PLATE COLORS.

MEDIUM RENOVATION

1414 NY-300

Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225

NRSP VERSION: 4.0

BULLETIN: 01-2023

DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States

Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA
FRENCH & PARRELLO
ASSOCIATES

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Gooma, PE
Amin.Gooma@FPAengineers.com
Tel: 732-312-3873

Date Description

- | | |
|------------|-------------------------------|
| 04.01.2024 | ISSUE FOR SCHEMATIC DESIGN |
| 04.01.2024 | 60% DESIGN DEVELOPMENT |
| 05.28.2024 | 90% DESIGN DEVELOPMENT SET |
| 06.17.2024 | 100% DESIGN DEVELOPMENT SET |
| 07.12.2024 | 90% CONSTRUCTION DOCUMENT SET |

PARTITION NOTES

GN-01. PARTITION TYPES ARE NOT SEQUENTIAL.

GN-02. ALL PARTITION SHEATHING TO BE 5/8" GYPSUM BOARD UNLESS OTHERWISE NOTED.

DOOR SCHEDULE - SEE SPECIFICATIONS MANUAL FOR HARDWARE SETS LISTED BELOW

ASSEMBLY			DIMENSION			DOOR		FRAME		HARDWARE SET (SEE SPECIFICATIONS MANUAL)		NOTES	ORDERED BY	INSTALLED BY
NO.	LOCATION	TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	MATERIAL	FINISH					
107	OFFICE 4 ME	A2	EXISTING	EXISTING	EXISTING	EXISTING	P-22	EXISTING	P-22	EXISTING	16	MODIFY EXISTING DOOR TO RECEIVE GLASSLITE. REUSE EXISTING HARDWARE.	EXISTING	EXISTING
109	WELLNESS ROOM	A	3'-0"	8'-0"	1 3/4"	WOOD	PAINT TO MATCH ADJACENT PARTITION	HOLLOW METAL	PAINT TO MATCH ADJACENT PARTITION			PROVIDE PRIVACY TYPE LOCK. PROVIDE 3/4" UNDERCUT AT DOOR LEAF. REFER TO MECHANICAL DRAWINGS	GC	GC
110	SD LOBBY	DFC-3B	3'-0"	8'-0"	2"	ALUMINUM/GLASS	DESIGNER WHITE	ALUMINUM	DESIGNER WHITE			STOREFRONT SYSTEM BY ALLSTEEL. GC TO PROCURE FROM ALLSTEEL VENDOR. CONTACT: BANKOFAMERICASUPPORT@HNI.GLOBAL	GC	HNI SUB
111	COUPON BOOTH	A	3'-0"	8'-0"	1 3/4"	WOOD	PAINT TO MATCH ADJACENT PARTITION	HOLLOW METAL	PAINT TO MATCH ADJACENT PARTITION	08			GC	GC
114	BREAK ROOM	A	3'-0"	7'-0"	1 3/4"	WOOD	PAINT TO MATCH ADJACENT PARTITION	HOLLOW METAL	PAINT TO MATCH ADJACENT PARTITION	11B			GC	GC
114A	ELEC. CLOSET	A	2'-0"	7'-0"	1 3/4"	WOOD	PAINT TO MATCH ADJACENT PARTITION	HOLLOW METAL	PAINT TO MATCH ADJACENT PARTITION	10			GC	GC
115	WOMEN'S	A	3'-0"	7'-0"	1 3/4"	WOOD	PAINT TO MATCH ADJACENT PARTITION	HOLLOW METAL	PAINT TO MATCH ADJACENT PARTITION	08		PROVIDE PRIVACY TYPE LOCK. PROVIDE 3/4" UNDERCUT AT DOOR LEAF. REFER TO MECHANICAL DRAWINGS	GC	GC
116	MEN'S	A	3'-0"	7'-0"	1 3/4"	WOOD	PAINT TO MATCH ADJACENT PARTITION	HOLLOW METAL	PAINT TO MATCH ADJACENT PARTITION	08		PROVIDE PRIVACY TYPE LOCK. PROVIDE 3/4" UNDERCUT AT DOOR LEAF. REFER TO MECHANICAL DRAWINGS	GC	GC
117A	CSR	A	3'-0"	7'-0"	1 3/4"	WOOD	PAINT TO MATCH ADJACENT PARTITION	HOLLOW METAL	PAINT TO MATCH ADJACENT PARTITION	11		PROVIDE DOOR PEEP SCOPE TO BE VIEWED FROM CSR.	GC	GC
118	CALLING CUBES	A3	3'-0"	8'-0"		WOOD	PAINT TO MATCH ADJACENT PARTITION	HOLLOW METAL	PAINT TO MATCH ADJACENT PARTITION	11B			GC	GC
120A	ELECTRICAL	A	3'-0"	7'-0"	1 3/4"	WOOD	PAINT TO MATCH ADJACENT PARTITION	HOLLOW METAL	PAINT TO MATCH ADJACENT PARTITION	10			GC	GC
121	WORKROOM	A	3'-0"	7'-0"	1 3/4"	WOOD	PAINT TO MATCH ADJACENT PARTITION	HOLLOW METAL	PAINT TO MATCH ADJACENT PARTITION	12		PROVIDE DOOR PEEP SCOPE TO BE VIEWED FROM CALLING CUBES.	GC	GC
EX-100A	VESTIBULE	EX	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING TO REMAIN	EXISTING	EXISTING TO REMAIN	AL-2C		MODIFY EXISTING DOOR/HARDWARE TO RECEIVE AUTO DOOR OPERATORS.	EXISTING	EXISTING
EX-100B	VESTIBULE	EX	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING TO REMAIN	EXISTING	EXISTING TO REMAIN	AL-2C		MODIFY EXISTING DOOR/HARDWARE TO RECEIVE AUTO DOOR OPERATORS.	EXISTING	EXISTING
EX-108	NER	EX	EXISTING	EXISTING	EXISTING	EXISTING	P-22	EXISTING	P-22	11C		MODIFY DOOR AS REQUIRED TO PROVIDE CARD READER. COORD. WITH BANK VENDOR.	EXISTING	EXISTING
EX-108A	NER	EX	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING TO REMAIN	EXISTING	EXISTING TO REMAIN	EXISTING			EXISTING	EXISTING
EX-114B	ATM CLOSET	EX	EXISTING	EXISTING	EXISTING	EXISTING	PAINT TO MATCH ADJACENT PARTITION	EXISTING	PAINT TO MATCH ADJACENT PARTITION	EXISTING			EXISTING	EXISTING
EX-114C	BREAK ROOM	EX	EXISTING	EXISTING	EXISTING	EXISTING	PAINT TO MATCH ADJACENT PARTITION	EXISTING	PAINT TO MATCH ADJACENT PARTITION	EXISTING		REPAINT TO MATCH ADJACENT PARTITION AT INTERIOR SIDE ONLY - EXTERIOR TO MATCH EXISTING	EXISTING	EXISTING
EX-115	VAULT	EX	EXISTING	EXISTING	EXISTING	EXISTING	PAINT TO MATCH ADJACENT PARTITION	EXISTING	PAINT TO MATCH ADJACENT PARTITION	EXISTING			EXISTING	EXISTING
EX-119	STORAGE	EX	EXISTING	EXISTING	EXISTING	EXISTING	PAINT TO MATCH ADJACENT PARTITION	EXISTING	PAINT TO MATCH ADJACENT PARTITION	EXISTING			EXISTING	EXISTING
EX-120B	ELECTRICAL	EX	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING TO REMAIN	EXISTING	EXISTING TO REMAIN	EXISTING			EXISTING	EXISTING
EX-123	ATM ACCESS	EX	EXISTING	EXISTING	EXISTING	EXISTING	PAINT TO MATCH ADJACENT PARTITION	EXISTING	PAINT TO MATCH ADJACENT PARTITION	11C		MODIFY DOOR AS REQUIRED TO PROVIDE CARD READER. COORD. WITH BANK VENDOR.	EXISTING	EXISTING
EX-126	CORRIDOR	EX	EXISTING	EXISTING	EXISTING	EXISTING	PAINT TO MATCH ADJACENT PARTITION	EXISTING	PAINT TO MATCH ADJACENT PARTITION	13		REPAINT TO MATCH ADJACENT PARTITION AT INTERIOR SIDE ONLY - EXTERIOR TO MATCH EXISTING	EXISTING	EXISTING

HARDWARE SCHEDULE

HARDWARE GROUP NO.6:
PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QUANTITY	DESCRIPTION	MODEL NUMBER	FINISH	MFR
3	EA HINGE	BB1279 4.5 x 4.5	26D	HAG
1	EA PRIVACY SET	ND40S SPA	626	SCH
1	EA WALL STOP	WS407CCV	630	IVE
3	EA SILENCER	SR84	GRY	IVE

HARDWARE GROUP NO.8:
PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QUANTITY	DESCRIPTION	MODEL NUMBER	FINISH	MFR
3	EA HINGE	BB1279 4.5 x 4.5	26D	HAG
1	EA PRIVACY SET	ND40S SPA	626	SCH
1	EA SURFACE CLOSER	4011	689	LCN
1	EA KICK PLATE	8400 10" x 2" LDW	630	IVE
1	EA WALL STOP	WS407CCV	630	IVE
1	SET SEALS	188S	CL	ZER

HARDWARE GROUP NO.10:
PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QUANTITY	DESCRIPTION	MODEL NUMBER	FINISH	MFR
3	EA HINGE	BB1279 4.5 x 4.5 NRP	26D	HAG
1	EA STOREROOM LOCK	NB80HD SPA	626	SCH
1	EA SPIC EV B CORE ONLY	80-037	626	SCH
1	EA SURFACE CLOSER	4111 EDA	689	LCN
1	EA WALL STOP	WS407CCV	630	IVE
3	EA SILENCER	SR85	GRY	IVE

HARDWARE GROUP NO.11:
PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QUANTITY	DESCRIPTION	MODEL NUMBER	FINISH	MFR
3	EA HINGE	BB1279 4.5 x 4.5 NRP	26D	HAG
1	EA PUSH BUTTON LOCK	5031B WL	626	SIM
1	EA SPIC EV B CORE ONLY	80-037	626	SCH
1	EA SURFACE CLOSER	4111 EDA	689	LCN
1	EA WALL STOP	WS407CCV	630	IVE
1	EA DOOR SCOPE	DS2000-ALS	AL	MIS
3	EA SILENCER	SR84	GRY	IVE

HARDWARE GROUP NO.11B:
HARDWARE BASED ON 9 FEET HIGH DOOR FROM CENTRAL LOBBY.
PROVIDE EACH SGL DOOR(S) WITH WITH THE FOLLOWING:

QUANTITY	DESCRIPTION	MODEL NUMBER	FINISH	MFR
4	EA HINGE	BB1279 4.5 x 4.5 NRP	26D	HAG
1	EA PUSH BUTTON LOCK	5031B WL	626	SIM
1	EA SPIC EV B CORE ONLY	80-037	626	SCH
1	EA SURFACE CLOSER	4011 EDA	689	LCN
1	EA KICK PLATE	8400 10" x 2" LDW	630	IVE
1	EA WALL STOP	WS407CCV	630	IVE
1	EA DOOR SCOPE	DS2000-ALS	AL	MIS
3	EA SILENCER	SR84	GRY	IVE

HARDWARE GROUP NO.11C/ATM ROOM
PROVIDE EACH SGL DOOR(S) WITH WITH THE FOLLOWING:

QUANTITY	DESCRIPTION	MODEL NUMBER	FINISH	MFR
4	EA HINGE	BB1168 5 x 4.5	26D	HAG
1	EA STOREROOM LOCK	NB80HD SPA	626	SCH
1	EA SPIC EV B CORE ONLY	80-037	626	SCH
1	EA SURFACE CLOSER	4111 EDA	689	LCN
1	EA WALL STOP	WS407CCV	630	IVE
1	EA DOOR SCOPE	DS2000-ALS	AL	MIS
4	EA SILENCER	SR84	GRY	IVE
1	EA ELECTRIC STRIKE	1500C		
1	EA CARD READER	By Security Vendor		
1	EA DOOR POSITION SWITCH	By Security Vendor		
1	EA WIRING DIAGRAM	By Security Vendor		

HARDWARE GROUP NO.12:
PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QUANTITY	DESCRIPTION	MODEL NUMBER	FINISH	MFR
3	EA HINGE	BB1279 4.5 x 4.5	26D	HAG
1	EA PUSH BUTTON LOCK	5031B WL	626	SIM
1	EA SPIC EV B CORE ONLY	80-037	626	SCH
1	EA SURFACE CLOSER	4011	689	LCN
1	EA OVERHEAD STOP	100S	630	GLY
1	EA DOOR SCOPE	DS2000-ALS	AL	MIS
3	EA SILENCER	SR84	GRY	IVE

HARDWARE GROUP NO.13, SINGLE DOOR FOR C-USED AS MEANS OF EGRESS FROM BACK CORRIDOR TO THE EXTERIOR.
PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QUANTITY	DESCRIPTION	MODEL NUMBER	FINISH	MFR
3	EA HINGE	BB1191 4.5 x 5 NRP	32D	HAG
1	EA PANIC HARDWARE	98EO X ALK-SS	626	VON (install included detail)
1	EA MORTISE CYLINDER	80-132	626	SCH
1	EA SURFACE CLOSER	4011 SCUSH	689	LCN
1	SET SEALS	316AS	AL	PEM
1	EA RAIN DRIP	346C	AL	PEM
1	EA DOOR SWEEP	318SAV	AL	PEM
1	EA THRESHOLD	325	AL	NSP

SPECIFIED PANIC HARDWARE (VON DURPIN 98EO X ALK-SS) KIT, INCLUDES A DECAL FOR THE CRASH BAR/ PADDOLE DOOR RELEASE "EMERGENCY EXIT ONLY. ALARM WILL SOUND"

HARDWARE GROUP NO.18, WELLNESS ROOM
PROVIDE EACH SGL DOOR WITH WITH THE FOLLOWING:

QUANTITY	DESCRIPTION	MODEL NUMBER	FINISH	MFR
4	EA HINGE	BB1279 4.5 x 4.5	26D	HAG
1	EA PRIVACY SET	LW46HD 17A	626	SCH
1	EA WALL STOP	LS83-363 L283-722	630	IVE
3	EA SILENCER	WS407CCV	630	IVE

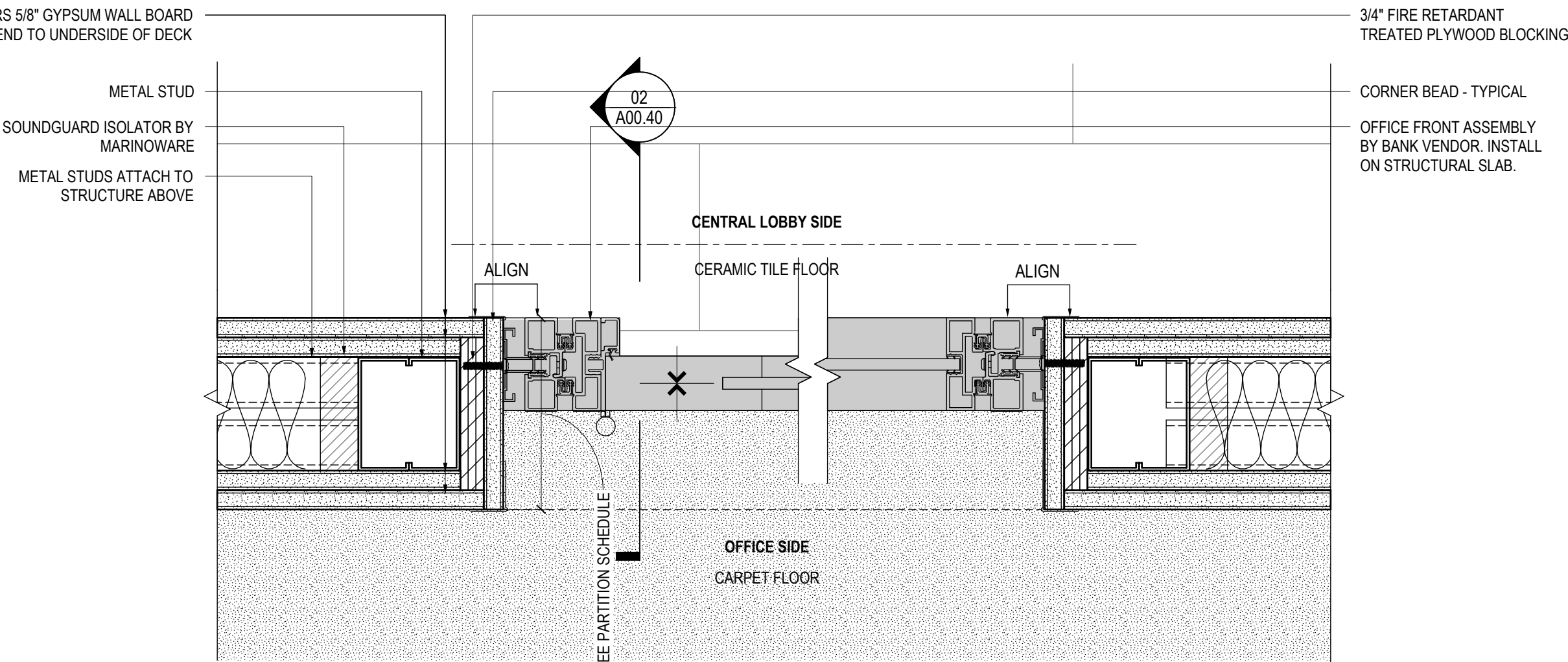
HARDWARE GROUP NO.AL-2C:
PROVIDE EACH PR DOOR(S) WITH WITH THE FOLLOWING:

QUANTITY	DESCRIPTION	MODEL NUMBER	FINISH	MFR
2	EA POWER TRANSFER	EPT-2	689	VON ES-105 DORMA
1	EA POWER OPERATOR	ED900-CMP-J8	689	DORMA
2	EA PUSH PLATES	10PBJM 110BOXJAMB SET		By Security Vendor
2	EA AUTOMATIC CAUTION DOORSIGN	-		By Security Vendor

(The sign shall be a min of 6" in diameter with black lettering on a yellow background. Additionally, when a knowing act switch is used to initiate the operation of the door operator, the doors shall be provided with signs on each side of the door where the switch is located, with the message "ACTIVATE SWITCH TO OPERATE". The lettering shall be white and the background shall be blue.)

1	EA KEYSWITCH	653-14 NS-12	630	SCE 632f SDC
1	EA POWER SUPPLY	PS914-2RS	GRY	VON
1	CUSTOM	WIRING DIAGRAM BY HARDWARE SUPPLIER		By Security Vendor

PUSH PLATE - 10PBJM 110BOXJAMB SET



DFC-3B JAMB DETAIL

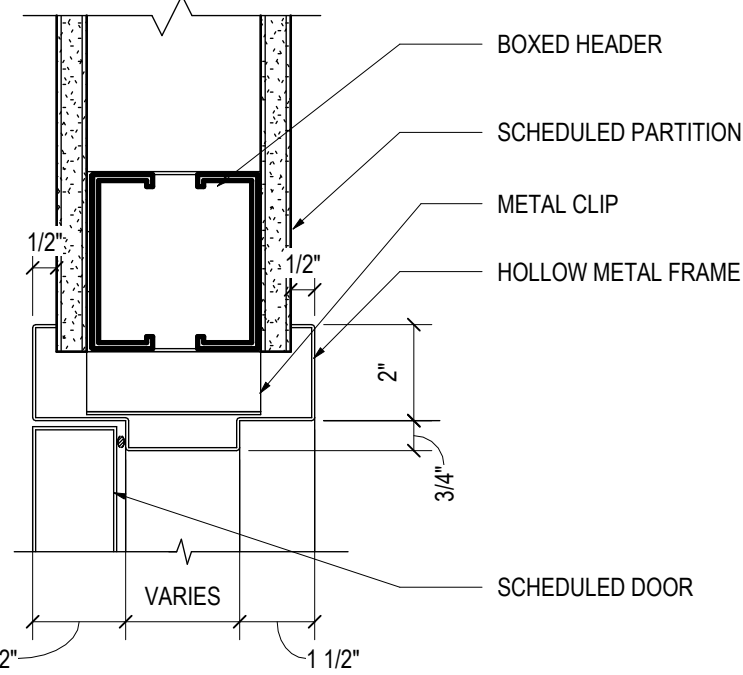
SCALE: 3" = 1'-0"

GLAZING SCHEDULE

GLAZING (BAC PERFORMANCE)

GL-2	1" CLEAR TEMPERED INSULATED GLAZING AS SPECIFIED
GL-5	3/8" TEMPERED GLASS BY VENDOR (USED FOR DFC-1B, DFC-2B AND DFC-3B)

DOOR DETAILS

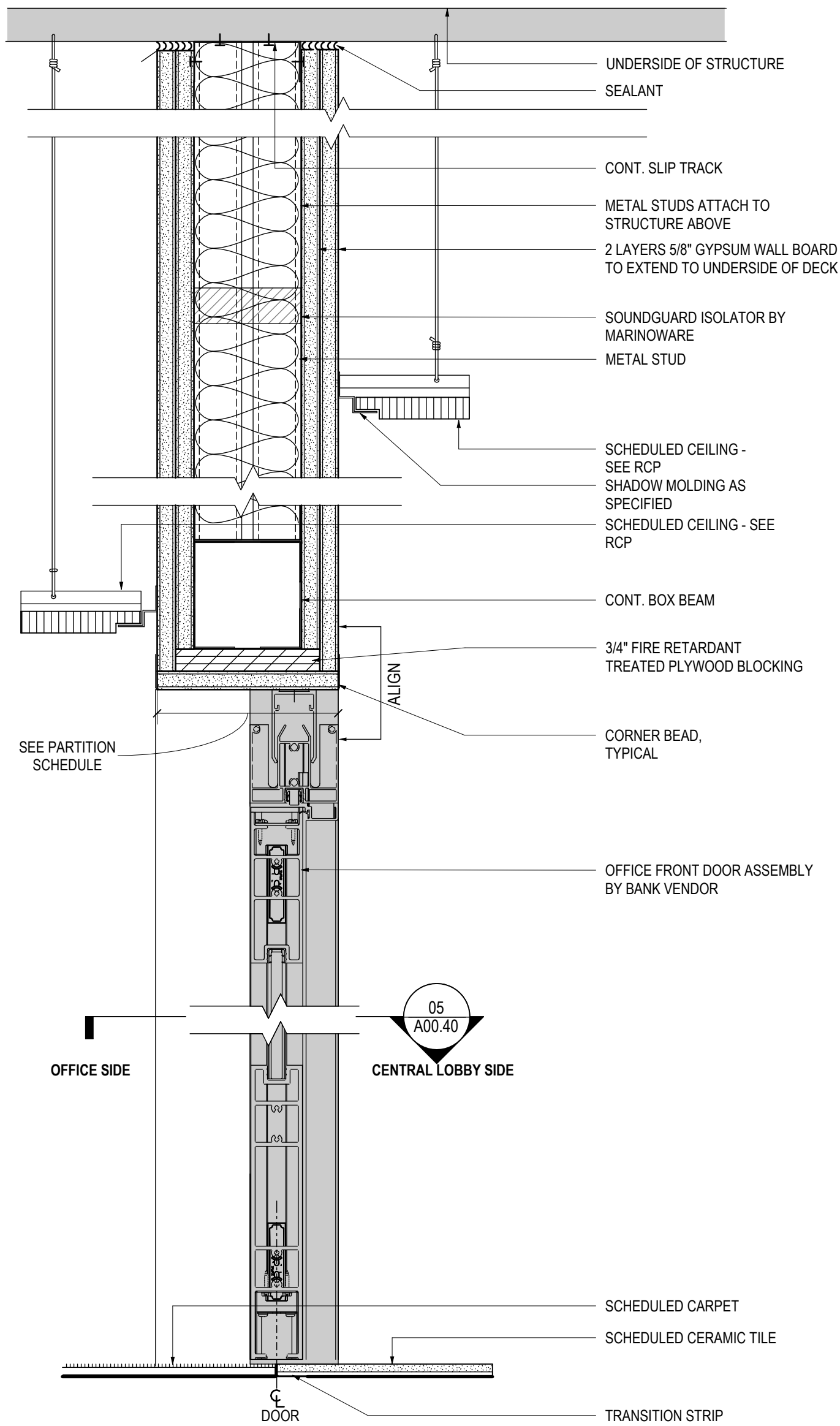


HOLLOW METAL FRAME HEAD DETAIL

SCALE: 3" = 1'-0"

HOLLOW METAL FRAME JAMB DETAIL

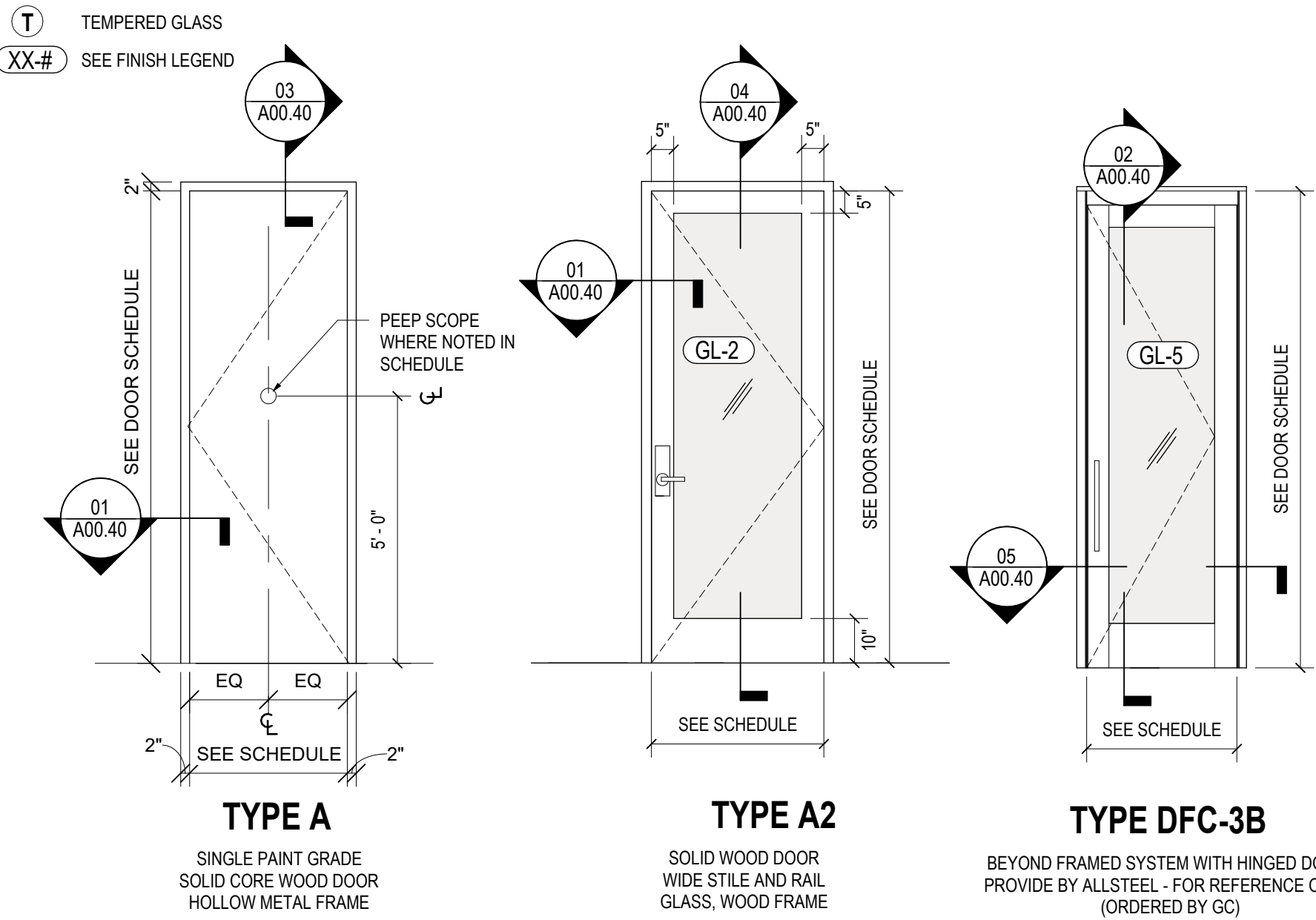
SCALE: 3" = 1'-0"



DF3-3B DETAIL @ DOOR

SCALE: 3" = 1'-0"

DOOR TYPES



SHEET NOTES

1. PAINT DOORS AND DOOR FRAMES TO MATCH ADJACENT PARTITION UNLESS NOTED OTHERWISE.
2. ALL DOOR HARDWARE SHALL BE LEVER TYPE MEETING ACCESSIBILITY DESIGN REQUIREMENTS.
3. COORDINATE ALL HARDWARE KEYING WITH THE OWNER AND OBTAIN OWNERS APPROVAL PRIOR TO PLACING HARDWARE ORDER.

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA

FRENCH & PARRELLO
ARCHITECTS

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732-312-9873

GENERAL NOTES

- A. REFER TO SPECIFICATIONS FOR DOOR HARDWARE SETS.
- B. EXTERIOR CURTAIN WALL, STOREFRONT, DOORS AND FRAMES TO HAVE CLEAR ANODIZED FINISH.
- C. PAINT DOORS AND DOOR FRAMES TO MATCH ADJACENT PARTITION UNLESS NOTED OTHERWISE.
- D. DOOR RAILS/FRAME TO BE CLEAR ANODIZED FINISH.
- E. ALL DOOR HARDWARE SHALL BE LEVER TYPE MEETING ACCESSIBILITY DESIGN REQUIREMENTS.
- F. ALL DOOR HARDWARE SHALL BE SATIN CHROME FINISH (USBR), UNLESS OTHERWISE INDICATED.
- G. COORDINATE ALL HARDWARE KEYING WITH THE OWNER AND OBTAIN OWNER'S APPROVAL PRIOR TO PLACING HARDWARE ORDER.
- H. REFER TO FINISH SCHEDULE FOR WOOD DOOR FINISHES.
- I. FOR EXTERIOR HOLLOW METAL DOORS, PAINT FRAME AND DOOR ON INTERIOR SIDE TO MATCH ADJACENT PARTITION COLOR. PAINT FRAME AND DOOR ON EXTERIOR SIDE EXPT-2.
- J. FINAL CORES FOR ALL DOOR HARDWARE LOCKSETS TO BE PROVIDED AND INSTALLED BY GC, INCLUDING HARDWARE INSTALLED BY BANK VENDORS. COORDINATE WITH PROJECT MANAGER AND BANK FOR ADDITIONAL INFORMATION.
- K. G.C TO PROVIDE DOOR PREPARATION FOR ALL HARDWARE, INCLUDING ANY VENDOR PROVIDED (SECURITAS, ETC.), PRIOR TO INSTALLATION IN FIELD.

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
MEADOW HILL

Project Number
059.8400.015

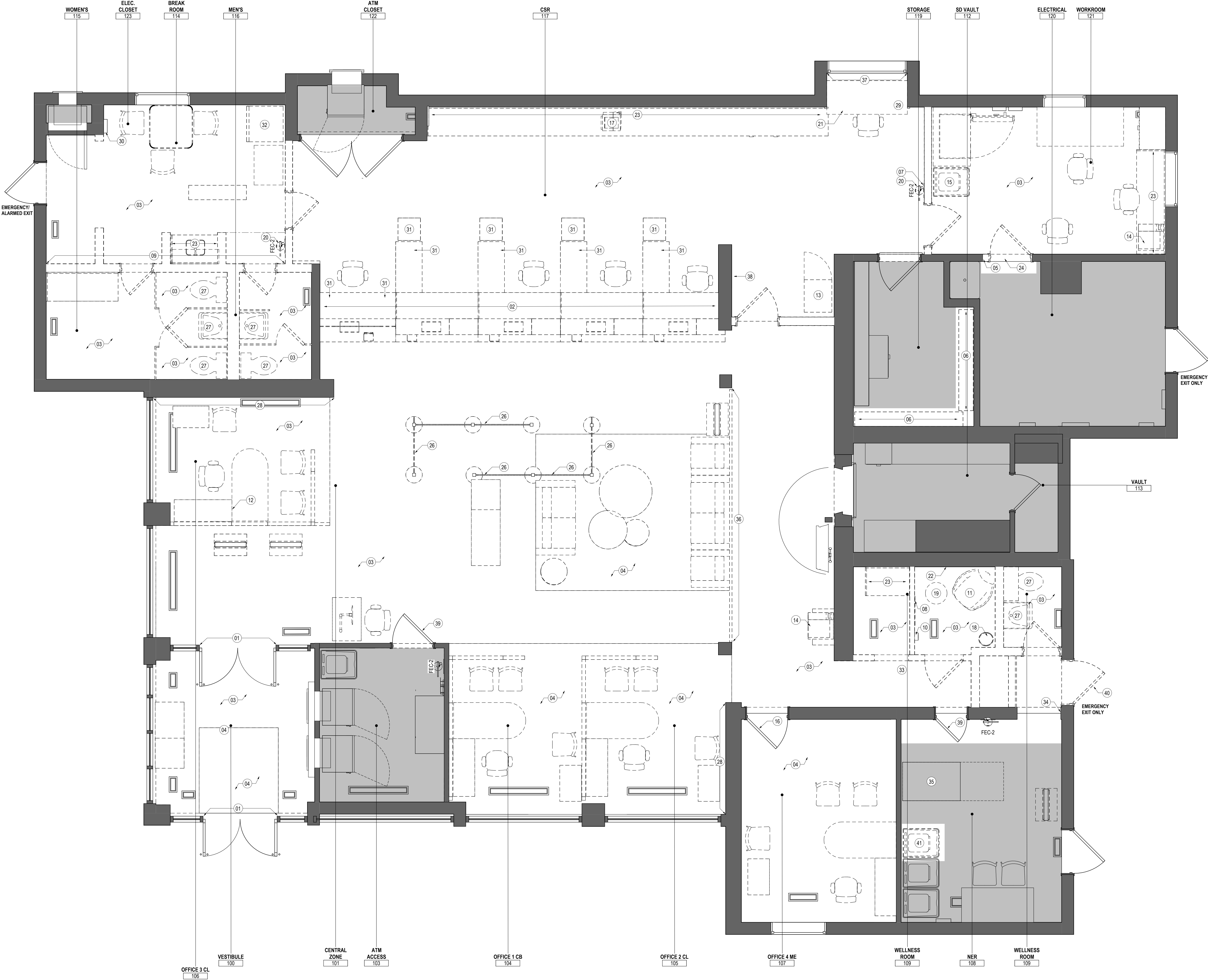
Description
DOOR TYPES, DOOR SCHEDULE AND HARDWARE

Scale
As indicated

A00.40

© 2023 Gensler

7/12/2024 6:52:46 PM Autodesk Docs\\059.8400.015 - Bank RFP - NYC-225 Meadow Hill\\NY-6-225 Meadow Hill_059.8400.015.rvt



DEMOLITION PLAN

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

01

SHEET NOTES

- 01 PREPARE DOOR TO RECEIVE NEW AUTOMATIC DOOR OPERATOR - COORD. WITH BANK VENDOR.
- 02 DEMO EXISTING CSR LINE AND ALL ASSOCIATED EQUIPMENT IN ITS ENTIRETY TO ALLOW FOR NEW WORK. COORD. ANY SALVAGE/REUSE OF EQUIPMENT WITH BANK VENDOR.
- 03 REMOVE EXISTING FLOOR FINISHES AND ADHESIVES DOWN TO STRUCTURAL SUBSTRATE. PATCH AND PREPARE SURFACES TO RECEIVE NEW FLOOR FINISH. PROVIDE ADD ALTERNATE TO RELEVEL AS REQUIRED - COORD. WITH BANK VENDOR.
- 04 EXISTING FLOOR FINISH TO REMAIN - CLEAN THOROUGHLY TO "LIKE NEW" CONDITION.
- 05 SELECTIVE DEMOLITION OF CONCRETE WALL AS REQUIRED TO ALLOW FOR NEW WORK - COORD. WITH STRUCTURAL DWGS.
- 06 REMOVE SHELVING TO ALLOW FOR NEW WORK. PATCH AND REPAIR AS REQUIRED.
- 07 RELOCATE EXISTING SECURITY PANEL - REFER TO A03.01 FOR NEW LOCATION.
- 08 RELOCATE EXISTING MIRROR - REFER TO A06.01 FOR NEW LOCATION.
- 09 SELECTIVE DEMOLITION OF EXISTING PARTITION - COORDINATE WITH NEW WORK.
- 10 RELOCATE EXISTING HAND SANITIZER - REFER TO A06.01 FOR NEW LOCATION.
- 11 RELOCATE EXISTING CHAIR - REFER TO A06.01 FOR NEW LOCATION.
- 12 REMOVE EXISTING UNUSED FLOOR BOX AND COMPONENTS IN ITS ENTIRETY BACK TO SOURCE AND PATCH FLOOR TO RECEIVE NEW FLOOR FINISH. TYP. COORD. ANY REUSED LOCATIONS WITH NEW WORK.
- 13 RELOCATE EXISTING IPAD CABINET - REFER TO A03.01 FOR NEW LOCATION.
- 14 RELOCATE EXISTING MFP - REFER TO A03.01 FOR NEW LOCATION.
- 15 RELOCATE EXISTING ROLLING BIN - REFER TO A06.01 FOR NEW LOCATION.
- 16 MODIFY EXISTING DOOR TO RECEIVE GLASSLITE.
- 17 RELOCATE EXISTING PRINTER - REFER TO A03.01 FOR NEW LOCATION.
- 18 RELOCATED EXISTING TRASH CAN - REFER TO A06.01 FOR NEW LOCATION.
- 19 RELOCATE EXISTING TABLE - REFER TO A06.01 FOR NEW LOCATION.
- 20 RELOCATE EXISTING FE - REFER TO A02.01 FOR NEW LOCATION.
- 21 REMOVE EXISTING DEAL DRAWER AND SIDE CABINETS FROM INTERIOR. KEEP EXTERIOR "POP-OUT".
- 22 REMOVE EXISTING WALL MOUNTED LIGHTING FIXTURE - PATCH WALL AS REQUIRED TO RECEIVE NEW FINISH.
- 23 DEMO EXISTING MILLWORK AND ALL ASSOCIATED CONNECTIONS IN THEIR ENTIRETY - PATCH AND REPAIR WALL IF APPLICABLE TO RECEIVE NEW FINISH. COORD. WITH MECHANICAL DWGS FOR DIFFUSER LOCATED BENEATH.
- 24 DEMO EXISTING DOOR AND FRAME AND INFILL WITH INFILL WALL TO MATCH EXISTING ADJACENT.
- 26 REMOVE EXISTING QUEUE STATIONS - COORD. WITH BANK VENDOR.
- 27 REMOVE EXISTING RESTROOM FIXTURE AND ALL ASSOCIATED CONNECTIONS IN ITS ENTIRETY. ALL CONNECTIONS TO BE DISCONNECTED AND TIED BACK TO SOURCE. REFER TO PUMBING DWGS - COORD. WITH NEW WORK.
- 28 EXISTING STONE WALL TO REMAIN.
- 29 RELOCATE EXISTING REMOTE CAPTURE - REFER TO A03.01 FOR NEW LOCATION.
- 30 RELOCATE EXISTING SECURITY MONITOR - REFER TO A03.01 FOR NEW LOCATION.
- 31 REMOVE EXISTING UC STEEL - COORD. WITH BANK VENDOR.
- 32 REMOVE EXISTING FRIDGE FROM SITE - COORD. WITH FCM.
- 33 RELOCATE WELLNESS ROOM SIGNAGE - REFER TO A02.01 FOR NEW LOCATION.
- 34 RELOCATE EXISTING LIGHT SWITCH AS REQUIRED.
- 35 EXISTING NER RACK TO REMAIN - PROTECT DURING CONSTRUCTION INCLUDING ADJACENT PARTITION WITH EQUIPMENT MOUNTED TO FACE.
- 36 REMOVE EXISTING RAILING - PATCH AND REPAIR WALL/FLOOR AS REQUIRED.
- 37 REMOVE SCRIBBLE FILM FROM EXISTING DRIVE-UP WINDOW. PREPARE TO RECEIVE NEW FINISH - REFER TO A05.01 FOR NEW FINISH.
- 38 EXISTING ELECTRIC PANEL TO REMAIN - PROTECT DURING CONSTRUCTION.
- 39 MODIFY EXISTING DOOR AS REQUIRED TO PROVIDE NEW CARD READER.
- 40 DEMO EXISTING DOOR/DOOR FRAME IN ITS ENTIRETY TO ALLOW FOR NEW WORK.
- 41 RELOCATE EXISTING ROLLING BIN - REFER TO A03.01 FOR NEW LOCATION.

GENERAL NOTES

- A. REFER TO SERIES A01 FOR GRAPHIC SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- B. COORDINATE EXTENT OF DEMOLITION WITH NEW CONSTRUCTION.
- C. DEMOLISH ALL PARTITIONS AND ASSOCIATED FIXTURES SHOWN DASHED, UNLESS NOTED OTHERWISE.
- D. REMOVE ALL EXISTING WALL FINISHES AND WALL BASE AT COLUMNS AND PERIMETER WALLS WHERE NEW FINISHES ARE NOTED. PATCH AND PREPARE PARTITIONS AS REQUIRED TO ACCEPT NEW FINISHES.
- E. GC TO COORDINATE WITH BANK FLOORING VENDOR REMOVAL OF ALL EXISTING FLOOR FINISHES AND SUBSTRATE WHERE NEW FINISHES ARE NOTED. SCRAPE FLOOR AND PREPARE TO ACCEPT NEW FINISH PER MANUFACTURER'S INSTALL INSTRUCTIONS AND WARRANTY INFORMATION.
- F. COORDINATE REMOVAL OF EXISTING CEILING SYSTEMS, LIGHT FIXTURES AND DEVICES WITH NEW WORK. MECHANICAL EQUIPMENT MAY BE RELOCATED IF NEW CEILING HEIGHTS VARY FROM EXISTING CONDITIONS.
- G. REMOVE ALL MINI-BLINDS DURING DEMOLITION, UNLESS NOTED OTHERWISE.
- H. REMOVE REGULATORY SIGNAGE AND PLACE AGAINST WALL BELOW. DO NOT REINSTALL OR REMOVE FROM CUSTOMER FACING AREA.
- I. REMOVE ALL WALL MERCHANDISING AND LOCATED IN A SECURE BOX LOCATION FOR BANK VENDOR TO REINSTALL.
- J. G.C. TO CONDUCT A MEETING (PRIOR TO STARTING DEMOLITION) WITH OWNER AND ARCHITECT TO DETERMINE STOCK PILE AND STORAGE OF ANY AND ALL MATERIALS/EQUIPMENT TO BE SALVAGED OR STORED OFF-SITE.

LEGEND

- NOT IN CONTRACT REGION
- EXISTING PARTITION TO REMAIN
- SCOPE TO BE DEMOLISHED

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA

FRENCH & PARRELLO
A S O C I A T E S
French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732-312-9873

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name
MEADOW HILL

Project Number
059.8400.015

Description
EXISTING & DEMOLITION FLOOR
PLAN

Scale

As indicated

0 1 2 4 8
A01.01

7/12/2024 5:53:52 PM Autodesk Docs:059.8400.015 - Bank RFP - NYC-225 Meadow HillNY-6-225 Meadow Hill_059.8400.015.rvt



DEMO REFLECTED CEILING PLAN

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

1

SHEET NOTES

- 01 SELECTIVE DEMOLITION OF EXISTING CEILING GRID, TILES, AND/OR ASSOCIATED ACCESSORIES TO ALLOW FOR NEW WORK.
- 02 REPLACE STAINED CEILING TILES AS REQUIRED. TYP. THROUGHOUT.
- 03 REMOVE EXISTING BLINDS TO REPLACE WITH NEW BANK STANDARD FILM.
- 04 PREPARE EXISTING GYP. CEILING TO RECEIVE NEW PAINT
- 05 EXISTING EXIT SIGN TO REMAIN.
- 06 RELOCATE EXISTING EXIT SIGN. SEE A04.01 FOR NEW LOCATION.
- 07 RELOCATE EXISTING LIGHTING FIXTURE - REFER TO A04.01 FOR NEW LOCATION.
- 08 REMOVE EXISTING LIGHTING FIXTURE. PATCH AND REPAIR CEILING AS EQUIRED.
- 09 RELOCATE EXISTING SECURITY CAMERA. SEE A04.01 FOR NEW LOCATION.
- 10 REMOVE EXISTING SOFFIT.
- 11 EXISTING LIGHTING FIXTURE TO REMAIN.
- 12 DEMO EXISTING GYP. CEILING TO EXTENT SHOWN.
- 13 REMOVE EXISTING BLINDS TO REPLACE WITH NEW BANK STANDARD MECO SHADES.

GENERAL NOTES

- REFER TO SERIES A00 FOR GRAPHIC SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- COORDINATE EXTENT OF DEMOLITION WITH NEW CONSTRUCTION.
- DEMOLISH ALL PARTITIONS AND ASSOCIATED FIXTURES SHOWN DASHED, UNLESS NOTED OTHERWISE.
- COORDINATE REMOVAL OF EXISTING CEILING SYSTEMS, LIGHT FIXTURES AND DEVICES WITH NEW WORK. MECHANICAL EQUIPMENT MAY BE RELOCATED IF NEW CEILING HEIGHTS VARY FROM EXISTING CONDITIONS.

LEGEND

- | | |
|--|---|
| | NOT IN CONTRACT REGION |
| | EXISTING PARTITION TO REMAIN |
| | ACOUSTICAL CEILING GRID |
| | GYPSUM BOARD SOFFIT/CEILING |
| | DIMENSION OF CEILING ABOVE FLOOR FINISH |
| | CEILING DIMENSION ABOVE FLOOR FINISH |
| | SUPPLY AIR |
| | RETURN AIR |
| | EXHAUST |
| | 2X4 LIGHT FIXTURE |
| | SURFACE MOUNTED LIGHT FIXTURE |
| | PENDANT LIGHT FIXTURE |
| | RECESSED DOWNLIGHT |
| | ADJUSTABLE DOWNLIGHT |
| | ACCESS PANEL |
| | DOOR CONTACT |
| | EXIT SIGN |
| | PASSIVE INFRARED WALL SWITCH OCCUPANCY SENSOR |
| | PASSIVE INFRARED OCCUPANCY SENSOR |
| | OCCUPANCY SENSOR - 360 DEGREE, TWO-SIDED |
| | UNDERCABINET LIGHTING |
| | LIGHT SWITCH |
| | DIMMER SWITCH |
| | THERMOSTAT |
| | DIMMING SENSOR |
| | SPEAKER |
| | MOTION DETECTOR |
| | VAULT SECURITY MICROPHONE |
| | SOUND DETECTOR |
| | SECURITY CAMERA |
| | DOME CAMERA |
| | WIRELESS APPLICATION PROTOCOL |

MEDIUM RENOVATION

1414 NY-300

Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225

NRSP VERSION: 4.0

BULLETIN: 01-2023

DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA

FRENCH & PARRELLO
ASSOCIATES

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732-312-9873

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

DEMOLITION REFLECTED CEILING
PLAN

Scale

As indicated

0 1 2 4 8

A01.02



CONSTRUCTION PLAN

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

01

SHEET NOTES

- MODIFY EXISTING DOOR TO RECEIVE NEW AUTOMATIC DOOR OPERATOR. COORDINATE WITH BANK VENDORS.
- LOCATION OF AUTOMATIC DOOR ASSIST MOUNTED ON EXISTING WALL WITH 10PJM 110BOXJAMSET. PROVIDED AND INSTALLED BY BANK VENDOR. ADJUST TIME DELAY AS REQUIRED PER DISTANCE.
- PROVIDE NEW DN 200 MICRO ATM AND FRAME-R-KIOSK-HG_3.0-DN200 - COORD. WITH BANK VENDOR. BOLT DOWN TO FLOOR THROUGH BOLT HOLES. COORD. WITH STRUC. DWGS.
- PROVIDE BANK STANDARD RESTROOM SIGNAGE.
- HATCHED WALL INDICATES EXTENT OF KEVLAR INSTALLATION.
- PROVIDE FIRE RESISTANT BLOCKING IN WALL AS REQUIRED FOR WALL MEDIA. COORDINATE WITH BANK VENDOR.
- PROVIDE NEW BANK STANDARD DRINKING FOUNTAIN.
- INFILL WALL TO MATCH EXISTING ADJACENT WALL.
- RELOCATED EXISTING FE.
- PROVIDE BANK STANDARD WELLNESS ROOM SIGNAGE. REFER TO A00.11
- PROVIDE NEW HARDWARE TO EXISTING DOOR. SEE HARDWARE SCHEDULE ON A00.40 FOR DETAILS.
- INFILL EXISTING WINDOW WITH PLYWOOD OR STUDS WITH GYPSUM BOARD. APPLY DARK FILM.
- EXISTING FLOOR VENT TO REMAIN - COORD. WITH MEP DWGS.
- COORD. WITH MECHANICAL DWGS. TO ACCOMMODATE EXISTING BASE DIFFUSERS. MILLWORK MAY REQUIRED VENT AT BASE.
- PROVIDE CUSTOM 4" HIGH MILLWORK CURB WITH VENTS AT FRONT FACE TO ALLOW FOR AIR DIFFUSER AT FLOOR TO REMAIN.
- ATTACHED DML-85 TO STONE FACE AS REQUIRED.
- MODIFY EXISTING DOOR WITH GLASS SIDELITE.
- PROVIDE NEW FIRE EXTINGUISHER CABINET.

GENERAL NOTES

- ALL PARTITIONS TO BE TYPE 'A1' UNLESS NOTED OTHERWISE. REFER TO WALL PARTITION TYPES.
- FOR ADDITIONAL GENERAL NOTES, LEGENDS AND SCHEDULES, REFER TO SHEETS A00.00 AND A00.10.
- UNLESS OTHERWISE NOTED, LOCATE HINGE SIDE OF ALL DOORS 4" FROM ADJACENT PERPENDICULAR PARTITION.
- VERIFY ALL EQUIPMENT WITH VENDOR.
- CONTRACTOR SHALL PROVIDE BLOCKING FOR ALL WALL MOUNTED EQUIPMENT AND ACCESSORIES.
- RE-LAMP EXISTING LIGHT FIXTURE AS REQUIRED TO ACHIEVE CONSISTENT COLOR TEMPERATURE THROUGHOUT CUSTOMER FACING AREAS.
- PROVIDE BLOCKING FOR ALL WALL-MOUNTED EQUIPMENT AND ACCESSORIES.
- PROVIDE EMBLEM SIGN IF REQUIRED.

LEGEND

- NOT IN CONTRACT REGION
- EXISTING PARTITION TO REMAIN
- NEW PARTITION
- REFERENCE TO PARTITION TYPE
- FIRE RATED PARTITION
- DOOR
- COLUMN GRID
- ROOM NUMBER
- DOOR NUMBER
- DOOR NUMBER HARDWARE
- DOOR TYPE
- SHEET NOTES
- REVISION REFERENCE
- DIRECTION OF ELEVATION
- ELEVATION NUMBER ON SHEET
- SHEET WHERE SHOWN
- DETAIL NUMBER
- SHEET WHERE SHOWN
- DESCRIPTION OF SIMILAR OR OPPOSITE
- AREA TO BE DETAILED
- MILLWORK
- MILLWORK SCHEDULE TAG
- ALIGN
- FIRE EXTINGUISHER CABINET (F.E.C.)
- BLOCKING REQUIRED FOR MILLWORK

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA
FRENCH & PARRELLO
ASSOCIATES

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732-312-9873

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

CONSTRUCTION PLAN

Scale

As indicated

0 1 2 4 8
A02.01

7/12/2024 5:54:23 PM Autodesk Docs:059.8400.015 - Bank RFP - NYC-225 Meadow Hill/NY-225 Meadow Hill_059.8400.015.rvt

POWER AND COMMUNICATION PLAN

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



SHEET NOTES

- POWER/DATA DEVICES ON DARK ACCENT WALLS TO BE BLACK FINISH, TYPICAL. REFER TO A05.01
- REUSE EQUIPMENT AS POSSIBLE.
- RELOCATED EXISTING MFP.
- REUSE POWER/DATA AS POSSIBLE. RELOCATE AS REQUIRED.
- RELOCATED EXISTING SWITCHES. COORD. WITH ELEC. DWGS.
- RELOCATED TRASH CAN.
- RELOCATED THERMOSTAT. COORD. WITH MECH. DWGS.
- PROVIDE 120V, 20A DEDICATED DUPLEX CONNECTED TO TWO CIRCUIT FOR ATM AND ANOTHER FOR KIOSK. REFER TO ELECTRICAL DRAWINGS.
- PROVIDE LEGRAND RECESSED WALL BOX #EFSB4 WITH DECORATIVE COVER. WHITE FINISH, PAINTED TO MATCH WALL. REFER TO ELECTRICAL DRAWINGS.
- RELOCATED SECURITY MONITOR AND PROVIDE J-BOX. COORD. WITH BANK VENDOR.
- RELOCATED ROLLING RECYCLE BIN.
- RELOCATED IPAD CABINET - PROVIDE POWER.
- RELOCATED REMOTE CAPTURE.
- PRINTER CABINET LIGHT FIXTURE TO ACTIVATE UPON DOOR OPENING. SEE SHEET A12.00
- RELOCATED SECURITY PANEL - COORD. WITH BANK VENDOR.
- PROVIDE RECESSED ARLINGTON TUBES WALL BOX WITH DUPLEX NEMA 5-20R POWER RECEPTACLE AND (1) SHIELDED CAT 6 CABLE WITH RJ45 RECEPTACLE INSTALLED EQUIPMENT BOX. GC TO VERIFY COMPONENT CAN BE RECESSED. NOTIFY ARCHITECT OF ANY DISCREPANCIES. REFER TO ELECTRICAL DRAWINGS.
- PROVIDE AUTOMATIC DOOR OPERATOR PUSH BUTTON ASSIST MOUNTED ON EXISTING WALL WITH 10PBJM1 1800XJAMB SET. PROVIDED AND INSTALLED BY BANK VENDOR. ADJUST TIME DELAY AS REQUIRED PER DISTANCE. COORDINATE WITH SECURITY VENDOR.
- PROVIDE JUNCTION BOX FOR AUTO DOOR OPERATOR ABOVE CEILING. COORDINATE WITH BANK SECURITY VENDOR.
- RELOCATED FIRE EXTINGUISHER CABINET.
- GC TO COORDINATE POWER/DATA TO BE RUN THROUGH FURNITURE PANEL SYSTEM RACEWAY WITH ELECTRICAL, TECHNOLOGY AND FURNITURE VENDOR.
- PROVIDE NEW MEDIA RACK FOR DML-85. COORDINATE WITH DMG.
- EXISTING ELECTRICAL PANEL TO REMAIN.
- CHECK PRE-INSTALL ALL CHALIST FOR THE RACK SIZE AND CLEARANCE REQUIREMENT.
- PROVIDE SURFACE MOUNTED JUNCTION BOX AND RACEWAY FOR CARD READER - COORDINATE WITH BANK SECURITY VENDOR.
- REPLACE CEILING MOUNTED JUNCTION BOX AND RACEWAY FOR CARD READER - COORDINATE WITH BANK SECURITY VENDOR.

GENERAL NOTES

- REFER TO INTERIOR ELEVATIONS FOR ORIENTATION OF MOUNTED OUTLETS. OTHERWISE, OUTLETS SHOULD BE MOUNTED VERTICALLY. OUTLETS SHOWN WITH ONLY A "A" SIGN SHALL BE LOCATED 1" CLEAR ABOVE THE SCHEDULED MILLWORK COUNTER. OUTLETS TO BE COORDINATED WITH COUNTER HEIGHT.
- REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- FURNITURE SHOWN FOR REFERENCE ONLY.
- REFER TO SERIES A00 FOR GRAPHIC SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- LOCATE CORES AS SHOWN ON POWER AND COMMUNICATIONS PLAN. MARK IN FIELD FOR ARCHITECT TO REVIEW.
- ALL WALL MOUNTED DEVICES SHALL BE WHITE FINISH U.N.O. DATA COVERPLATES TO BE WHITE. U.N.O. APPROVED MANUFACTURERS INCLUDE LUTRON AND LEGRAND.
- WIRELESS HOLD UP DOUBLE BUTTON WILL BE INSTALLED AT TELLER POSITIONS, PLATFORM DESKS, FOR PERSONNEL ENTRY AND EXIT. AND ANYWHERE A HOLD UP IS CONSIDERED NECESSARY IN A BANKING CENTER. THE NEW WIRELESS INTERFACE MODULE WILL BE LOCATED BY THE ALARM PANEL.
- WALL-MOUNTED OUTLETS AND J-BOXES TO BE AT 15" A.F.F. TO BOTTOM OF OUTLET BOX. U.N.O.
- UNLESS NOTED OTHERWISE, PROVIDE JUNCTION BOXES FOR ALL WALL MOUNTED FIRE PROTECTION EQUIPMENT SUCH AS FIRE STROBES, FIRE PULL AND ALL SECURITY EQUIPMENT.
- CEILING-MOUNTED FIRE DEVICE COVERS SHALL BE WHITE AND WALL-MOUNTED FIRE DEVICE COVERS SHALL BE WHITE UNLESS AUTHORITY HAVING JURISDICTION MANDATES COLOR OF DEVICE.
- COORDINATE INSTALLATION OF TELECOMMUNICATIONS, DATA AND SECURITY SYSTEMS.
- VERIFY EQUIPMENT SPECIFICATIONS, POWER AND INSTALLATION REQUIREMENTS WITH MANUFACTURER TO ENSURE PROPER FIT AND FUNCTION.
- VERIFY MOUNTING REQUIREMENTS OF ELECTRICAL, TELEPHONE AND OTHER EQUIPMENT.
- GANG ADJACENT LIGHT SWITCHES AND COVER WITH A SINGLE PLATE.
- INDICATED DIMENSIONS ARE TO THE CENTERLINE OF OUTLET, SWITCH OR CLUSTER OF OUTLETS OR SWITCHES. UNLESS NOTED OTHERWISE.
- INSTALL OUTLETS ON OPPOSITE SIDES OF PARTITIONS IN SEPARATE STUD CAVITIES. DO NOT INSTALL BACK TO BACK.
- PROVIDE ONE-PIECE TYPE GANG COVER PLATES, UNLESS NOTED OTHERWISE.
- IDENTIFY DEDICATED OR ISOLATED GROUND ELECTRICAL OUTLETS WITH A RED DOT.
- ALL DOOR CHIMES TO BE SET AT TWO TONES UNLESS NOTED OTHERWISE AND MOUNTED 6" ABOVE CEILING IN PARTITION AS NOTED IN POWER AND COMMUNICATION PLAN. PROVIDE ONE CHIME ABOVE CEILING AT TELLER LINE AND ANOTHER ABOVE CEILING IN FRONT OF UCBS. PUSH BUTTON WITH COVER PLATE TO BE LOCATED IN PARTITION INSIDE AND OUTSIDE OF VAULT LOBBY DOOR AS TAGGED IN POWER AND COMMUNICATION PLAN.
- GC TO VERIFY EXISTING POWER AND DATA. RELOCATE OR PROVIDE NEW AS NEEDED.
- AT ACCENT WALLS PROVIDE BLACK COVERS FOR ALL POWER/DATA SWITCHES. U.N.O. REFER TO A5.01 FOR LOCATIONS.
- RECESSED FLOOR OUTLET BOX, BRUSHED ALUMINUM AT CT-5 AND BLACK AT CPT-5.

LEGEND

NOT IN CONTRACT REGION
WALL MOUNTED DUPLEX
WALL MOUNTED FOURPLEX
FLUSH FLOOR MOUNTED DUPLEX
FLUSH FLOOR MOUNTED TELE DATA DUAL DROP
WALL MOUNTED TELE DATA - DUAL DROP
WALL MOUNTED TELE DATA - SINGLE DROP
FLUSH WALL MOUNTED POWER JUNCTION BOX WITH HARDWARE CONNECTION
EQUIPMENT WITHOUT POWER SUPPLY
EQUIPMENT WITH POWER SUPPLY
FIRE ALARM PULL BOX
FIRE ALARM HORN/STROBE
WALL MOUNTED RECEPTACLE FOR TV, CAMERA OR MONITOR; 3" SQUARE
DIGITAL TEMPERATURE SENSOR
FLUSH FLOOR MOUNTED TELE/DATA SINGLE DROP
POKE-THRU POWER THROUGH WHIP OFF FLOOR. DO NOT INSTALL FLOOR BOXES.
POKE-THRU TELE/DATA THROUGH WHIP OFF FLOOR. DO NOT INSTALL FLOOR BOXES.

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States

Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732-312-9873

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

POWER AND COMMUNICATION PLAN

Scale

As indicated

0 1 2 4 8
A03.01

7/12/2024 5:54:29 PM Autodesk Docs:059.8400.015 - Bank REP - NYC-225 Meadow Hill/NY-225 Meadow Hill_059.8400.015.rvt

REFLECTED CEILING PLAN

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



SHEET NOTES

- EXISTING CEILING TO REMAIN. PAINT P-15.
- INFILL WITH NEW GYPSUM CEILING WHERE WALL WAS REMOVED. PROVIDE SEAMLESS TRANSITION. MATCH EXISTING TEXTURE.
- PROVIDE BANK STANDARD MECHOSHADOWS SH-1. WINDOW TREATMENTS WITH CENTRAL ZONE SHALL NOT EXTEND BELOW 60" AFF FOR SECURITY REASONS.
- PROVIDE R-11 CENTERED OVER TELLER STATION.
- EXISTING LIGHT FIXTURE TO REMAIN.
- RELOCATED EXIT SIGN.
- RELOCATED LIGHTING FIXTURE.
- OPEN TO STRUCTURE ABOVE. PROVIDE FIRE BLOCKING/DRAFT STOPPING AS REQUIRED.
- PROVIDE NEW EXIT SIGNAGE.
- PROVIDE NEW ACT CEILING GRID AND TILES.
- EXISTING LIGHTING FIXTURES TO REMAIN U.N.O.
- UNDER CABINET LIGHT FIXTURE - COORD. WITH ELEC. DWGS.
- PROVIDE UNDER CABINET LIGHT FIXTURE - COORD. WITH ELEC. DWGS. REFER TO PRINTER CABINET DRAWINGS FOR LOCATION OF OCCUPANCY SENSOR.

GENERAL NOTES

- CEILINGS SHALL BE 8'-6" A.F.F., UNLESS NOTED OTHERWISE.
- CEILING GRID AND CEILING TILES SHALL BE ACT-4, UNLESS NOTED OTHERWISE.
- COORDINATE LENGTHS OF UNDER CABINET FIXTURES WITH SCHEDULED MILLWORK CABINETS.
- REFER TO A04.30 FOR FINISH SCHEDULE.
- GYPSUM BOARD CEILING PAINTED P-15, UNLESS NOTED OTHERWISE.
- REFER TO CEILING DETAILS FOR WIRELESS APPLICATION PROTOCOL MOUNTING DETAIL.
- RELAMP EXISTING LIGHT FIXTURES AS REQUIRED TO MATCH COLOR TEMPERATURE.

LEGEND

- NOT IN CONTRACT REGION
- EXISTING PARTITION TO REMAIN
- ACOUSTICAL CEILING GRID
- GYPSUM BOARD SOFFIT/CEILING
- DIMENSION OF CEILING ABOVE FLOOR FINISH
- CEILING DIMENSION ABOVE FLOOR FINISH
- SUPPLY AIR
- RETURN AIR
- EXHAUST
- 2'x4' LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- RECESSED DOWNLIGHT
- ADJUSTABLE DOWNLIGHT
- ACCESS PANEL
- DOOR CONTACT
- EXIT SIGN
- PASSIVE INFRARED WALL SWITCH OCCUPANCY SENSOR
- PASSIVE INFRARED OCCUPANCY SENSOR
- OCCUPANCY SENSOR - 360 DEGREE, TWO-SIDED
- UNDERCABINET LIGHTING
- LIGHT SWITCH
- DIMMER SWITCH
- THERMOSTAT
- DIMMING SENSOR
- SPEAKER
- MOTION DETECTOR
- VAULT SECURITY MICROPHONE
- SOUND DETECTOR
- SECURITY CAMERA
- DOME CAMERA
- WIRELESS APPLICATION PROTOCOL

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732.312.9873

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

**NOT FOR
CONSTRUCTION**

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

REFLECTED CEILING PLAN

Scale

As indicated

0 1 2 4 8

A04.01

7/12/2024 5:54:33 PM Autodesk Docs:059.8400.015 - Bank REP - NYC-225 Meadow Hill\NY-225 Meadow Hill_059.8400.015.rvt



SHEET NOTES

- 01 PREPARE WALL TO LEVEL 5 FINISH.
- 02 EXISTING STONE WALL TO REMAIN THROUGHOUT - DO NOT PAINT.
- 03 PAINT DOORS AND FRAMES IN P-22 ON HALLWAY SIDE ONLY.
- 04 BASE TO BE INSTALLED AROUND LOCKERS
- 05 POWERDATA DEVICES ON DARK ACCENT WALLS TO BE BLACK FINISH, TYPICAL. REFER TO A05.01
- 06 PROVIDE PRIMER TINTED WITH P-20 (BENJAMIN MOORE PAINT ONLY) LEVEL 5 FINISH. WALL TO BE CURED FOR 10 DAYS MINIMUM AT A TEMPERATURE OVER 60 DEGREES F. REFER TO WALL COVERING GUIDELINES FOR ADDITIONAL INFORMATION.
- 07 PROVIDE NEW ST9842 SCRUBTOUGH FINISH TO MATCH P-15.
- 08 PROVIDE FILM AT BOTH HIGH AND LOW WINDOW IN ATM ACCESS ROOM.

GENERAL NOTES

- REFER TO FINISH SCHEDULE ON A00.40
- REFER TO A00.00 AND A00.40 FOR EXTENT OF FINISHES AND FOR ADDITIONAL NOTES.
- ALL PARTITIONS SHALL BE PAINTED P-15 AND TO RECEIVE B-12 AT NON-CUSTOMER FACING AREAS. U.N.O.
- ALL EXPOSED SURFACES OF SOFFIT OVER OFFICES (UCRS) TO BE PAINTED P-15, U.N.O.
- SEE GENERAL NOTES ON SHEET A00.40 FOR DOOR FINISHES.
- ENSURE SURFACES TO RECEIVE FINISHES ARE CLEAN, TRUE AND FREE OF IRREGULARITIES. DO NOT PROCEED WITH WORK UNTIL SATISFACTORY CONDITIONS HAVE BEEN CONFIRMED.
- SEE GENERAL NOTES ON SHEET A03.01 POWER AND COMMUNICATION PLAN FOR COVER PLATE COLORS.
- USE WHITE DEVICES IN ALL WALLS WITH LIGHT COLOR AND BLACK DEVICES IN ALL WALLS WITH DARK COLOR.
- PROVIDE 1 PRIMER COAT AND 2 FINISH COATS MINIMUM.
- PAINT ALL ROOMS EXCEPT 103, 108, 112, 113, 120, 122, AND 123.
- ALL EXISTING WOOD DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL IN SEMI-GLOSS FINISH TYP. THROUGHOUT. U.N.O.
- COORDINATE DISTRACTION BAND FF-2 TO ALIGN WITH SPECIALIST BRANDING. COORDINATE WITH BANK VENDOR. TYPICAL FOR INTERIOR STOREFRONT SYSTEM.
- PROVIDE LEVEL 5 FINISH WHERE FILM OR WALL COVERINGS ARE APPLIED TO WALL. ALLOW TO CURE FOR 10 DAYS PRIOR TO APPLICATION OF FILM OR WALL COVERING PER INSTALLER'S RECOMMENDATION.

LEGEND

- NOT IN CONTRACT REGION
- MILLWORK
- CHANGE IN FLOOR FINISH
- WALL FINISH
- BASE FINISH
- EXTENT OF WALL FINISH
- FLOOR FINISH
- ALIGN
- FLOOR TILE START POINT

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732-312-9873

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

**NOT FOR
CONSTRUCTION**

Project Name
MEADOW HILL
Project Number
059.8400.015
Description
PARTITION FINISH PLAN

Scale

As indicated

0 1 2 4 8
A05.01

7/12/2024 4:54:59 PM Autodesk Docs:059.8400.015 - Bank RFP - NYC-225 Meadow Hill/NY-225 Meadow Hill_059.8400.015.rvt



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

SHEET NOTES

- 01 RELOCATED QUEUE STATIONS.
- 02 PROVIDE NEW DN 200 MICRO ATM AND FRAME-R-KIOSK-HG_3.0-DN200 - COORD. WITH BANK VENDOR. BOLT DOWN TO FLOOR THROUGH BOLT HOLES.
- 03 RELOCATED IPAD CABINET.
- 04 RELOCATED EXISTING MIRROR.
- 05 RELOCATED EXISTING HAND SANITIZER.
- 06 RELOCATED EXISTING CHAIR.
- 07 RELOCATED EXISTING ROLLING BIN.
- 08 RELOCATED EXISTING TABLE.
- 09 RELOCATED EXISTING TRASH CAN.
- 10 INSTALL WALL BASE AFTER FURNITURE HAS BEEN INSTALLED.

BANK OF AMERICA

MEDIUM RENOVATION
1414 NY-300
Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States

Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732-312-5873

SCHEDULES

A. BANK VENDOR		
FURNITURE COMPONENT #	FURNITURE COMPONENT DESCRIPTION	COUNT
BERNHARDT		
CH-43	BERNHARDT CHANTAL CHAIR	8
CH-45	BERNHARDT BARSTOOL	2
CH-48	BERNHARDT BALANCE BENCH - 63" W	1
CH-49	BERNHARDT OTTOMAN APPEL	2
HBF		
CH-60B	CITYSCAPE-2 LOUNGE CHAIR WITH ARMS	6
TB-39	CITYSCAPE TABLE	2
HUMANSIZE		
CH-41	HUMANSIZE PATH CHAIR	4
STEELCASE		
CH-3	STEELCASE ANSWER LATERAL FILE	1
CH-10	STEELCASE MOVE CHAIR	7
CH-10B	STEELCASE SERIES 1 CHAIR	6
CH-10B	STEELCASE SERIES 1 STOOL	3
CPU-1	CPU HOLDER	2
FL-1	STEELCASE UNIVERSAL LATERAL FILE	3
FL-2	STEELCASE 32" HIGH PEDESTAL	4
MA-2	DOUBLE MONITOR ARM	4
TB-3	STEELCASE UNIVERSAL TABLE	1
WS-40	WORKSTATION	2
WS-40P	WORKSTATION WITH PRINTER CABINET	1
WS-41	WORKSTATION	1
WS-45	STEELCASE ANSWER WORKSTATION	3
WS-48	STEELCASE FURNITURE PANEL	1

DMG		
DML-85	DIGITAL MEDIA LITE - 85 IN MONITOR	1
WM-V-D-43	43 IN DIGITAL POSTER	1
B&N		
CSR-ADA-76	CSR-ADA-76	1
CSR-MTR-60	CSR-MTR-60	1
CSR-STD-60	CSR-STD-60	2
CW-2	RECYCLING CABINET-59" W	2
CW-6	CLIENT ENGAGEMENT TABLE - 96" W	1
POL-48	48 IN WIDE PANEL AND FRAME	1
POL-PB	POLE BASE ASSEMBLY	2

ORDERED AND INSTALLED BY GC		
CW-16 ALT	BREAK ROOM LOCKERS	1

QUANTITIES MUST BE VERIFIED BY THE FURNITURE VENDOR BEFORE DETERMINING THE FINAL NUMBER FOR PROCUREMENT PURPOSES.

PROJECT MANAGER TO VERIFY ALL FIXTURES, AND COORDINATE WITH VENDORS BEFORE PLACING FIXTURE ORDER.
ADA ACCESSIBLE WORKSTATION, CHAIRS AND CREDENZA ARE PROVIDED AND INSTALLED BY BANK'S FURNITURE VENDOR.
CONTRACTOR TO COORDINATE WITH VENDOR, SHOWN FOR CLARIFICATION ONLY.

LEGEND

NOT IN CONTRACT REGION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
MEADOW HILL

Project Number
059.8400.015

Description
FURNITURE PLAN

Scale

As indicated

0 1 2 4 8
A06.01

7/12/2024 5:55:02 PM Autodesk Docs\\059.8400.015 - Bank RFP - NYC-225 Meadow Hill\\NY6-225_Meadow Hill_059.8400.015.rvt

FLOOR FINISH PLAN

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

01



SHEET NOTES

- 01 TELLER MILLWORK AND UNDERCOUNTER STEEL TO BE INSTALLED DIRECTLY ON TOP OF CONCRETE FLOOR SLAB.
- 02 TILE TO EXTEND TO BASE OF TELLER LINE.
- 03 EXISTING WALK OFF MAT TO REMAIN - CLEAN THOROUGHLY TO "LIKE NEW" CONDITION.
- 04 PROVIDE A SEAMLESS TRANSITION BETWEEN EXISTING AND NEW CARPET.
- 05 EXISTING CARPET TO REMAIN - CLEAN THOROUGHLY TO "LIKE NEW" CONDITION.

GENERAL NOTES

- REFER TO FINISH SCHEDULE ON A00.30.
- REFER TO A00.00 AND A00.30 FOR EXTENT OF FINISHES AND FOR ADDITIONAL NOTES.
- ALL FLOORS SHALL HAVE CARPET CPT-5, U.N.O.
- FOR B-13, PROVIDE STRAIGHT, FLUSH BASE AT CARPETED AREAS AND COVERED BASE AT HARD FLOORING SURFACES, U.N.O.
- SEE GENERAL NOTES ON SHEET A00.40 FOR DOOR FINISHES.
- ENSURE SURFACES TO RECEIVE FINISHES ARE CLEAN, TRUE AND FREE OF IRREGULARITIES. DO NOT PROCEED WITH WORK UNTIL SATISFACTORY CONDITIONS HAVE BEEN CONFIRMED.
- SEE GENERAL NOTES ON POWER AND COMMUNICATIONS PLAN FOR COVER PLATE COLORS.
- GC TO COORDINATE WITH P/M FOR FLOORING SCOPE - THIRNETT IS THE RECOMMENDED SUPPLIER AND INSTALLER FOR ALL FLOORING PRODUCT AND INSTALL OF FLOORING, WALL BASE AND WALL TILES.
- IN DOORWAY, TILE AND CARPET WILL MEET BENEATH THE DOOR AND BE JOINED IN ACCORDANCE WITH FLOORING MANUFACTURERS RECOMMENDATION.
- ALL STEEL INSTALLATION TEAM TO INSTALL DEMOUNTABLE WALL DIRECTLY ON CONCRETE. WALL TO BE INSTALLED TOWARDS LOBBY EDGE OF DRYWALL.
- FLOORING INSTALLER INSTALLS TILE TO OUTSIDE BASE OF WALL. CARPET IN OFFICE IS INSTALLED TO INNER BASE OF WALL.

LEGEND

- NOT IN CONTRACT REGION
- MILLWORK
- CHANGE IN FLOOR FINISH
- WALL FINISH
- BASE FINISH
- EXTENT OF WALL FINISH
- FLOOR FINISH
- ALIGN
- FLOOR TILE START POINT

BANK OF AMERICA

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA

FRENCH & PARRELLO
ASSOCIATES

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732-312-9873

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name
MEADOW HILL

Project Number
059.8400.015

Description
FLOOR FINISH PLAN

Scale

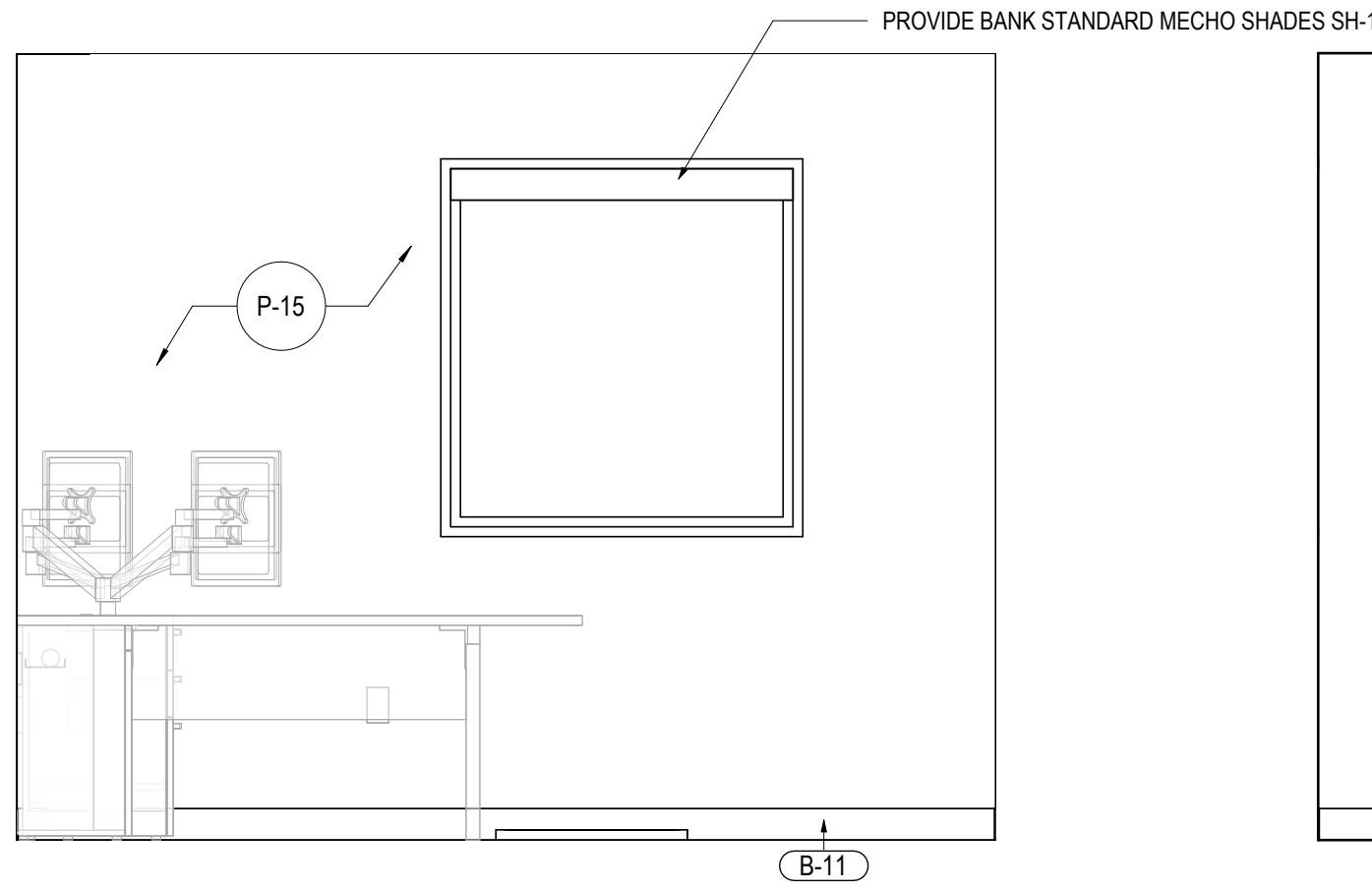
As indicated

0 1 2 4 8

A07.01

© 2023 Gensler

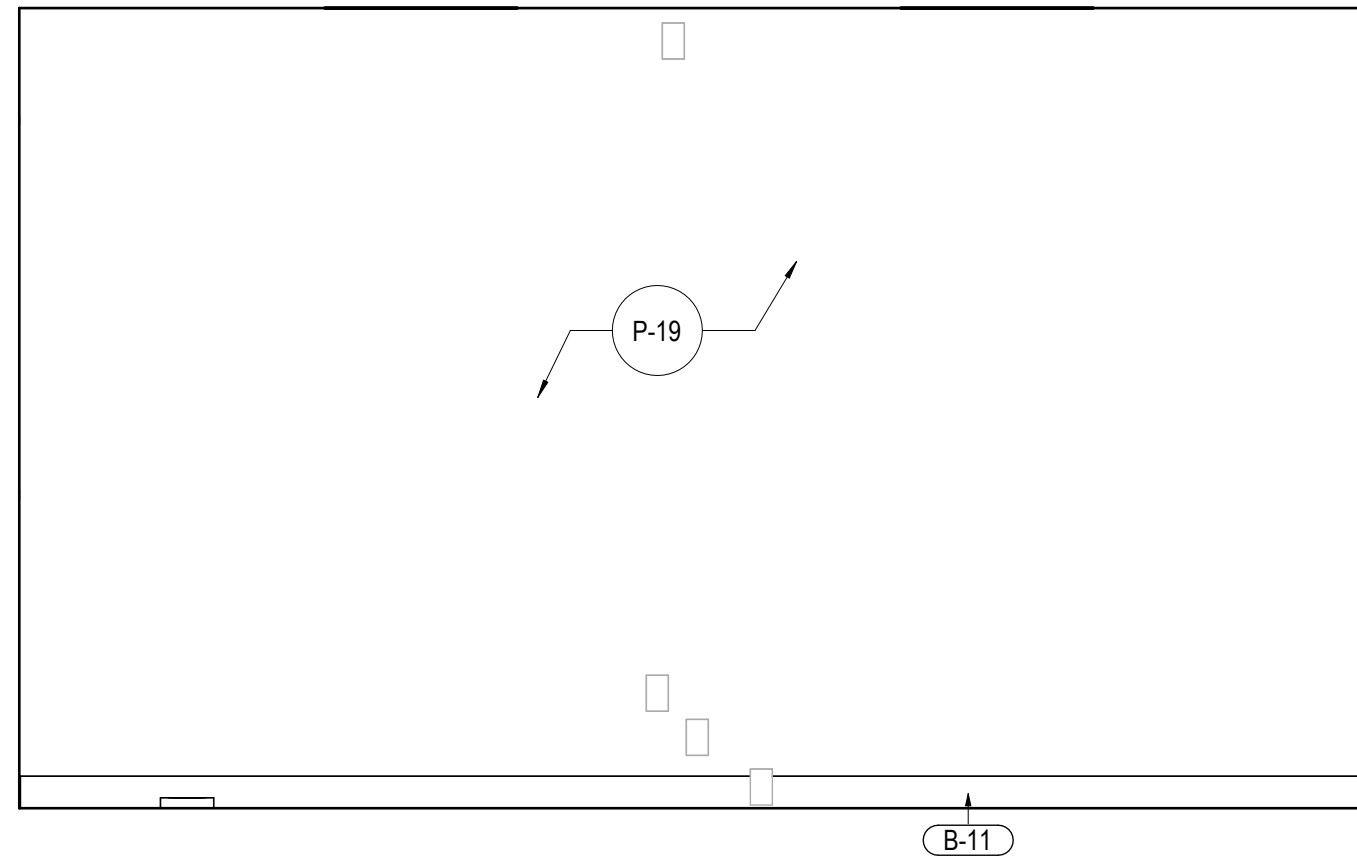
7/12/2024 5:55:08 PM Autodesk Docs\\059.8400.015 - Bank REP - NYC-225 Meadow Hill\\NY6-225_Meadow Hill_059.8400.015.rvt



OFFICE 4 ME SOUTH ELEVATION

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

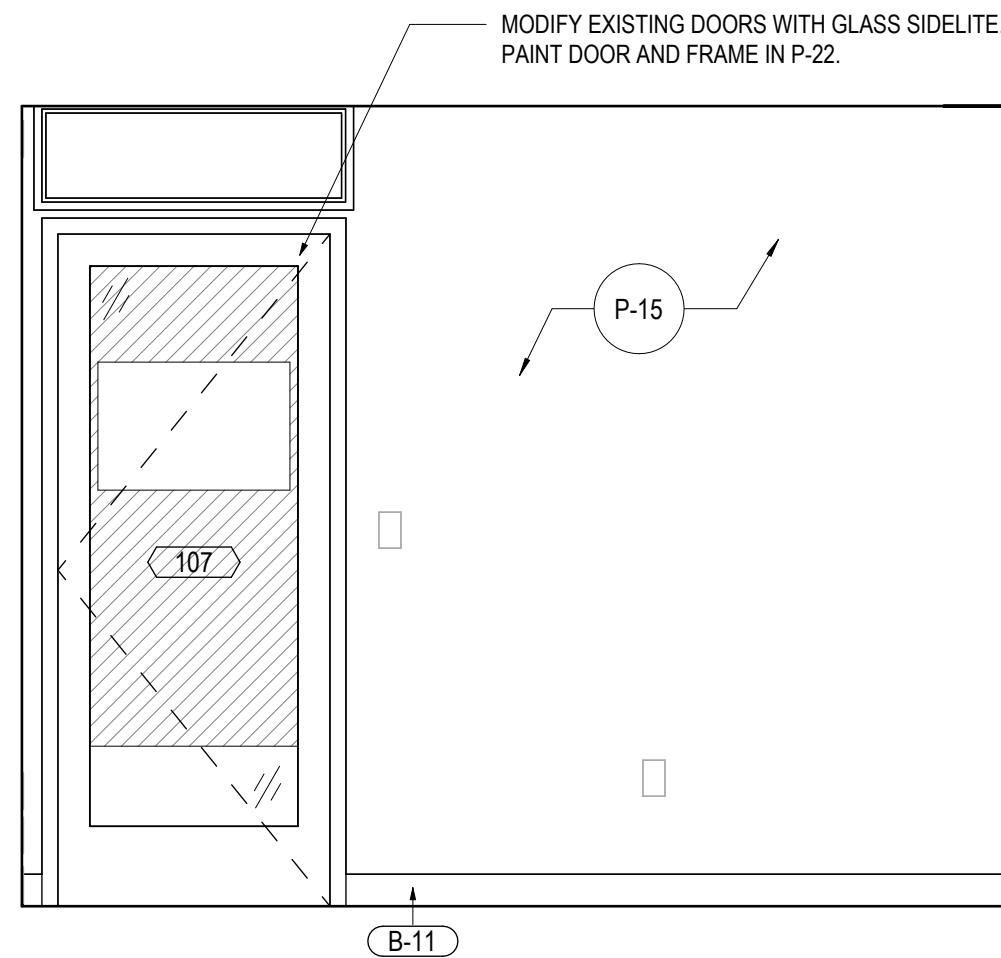
08



OFFICE 4 ME WEST ELEVATION

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

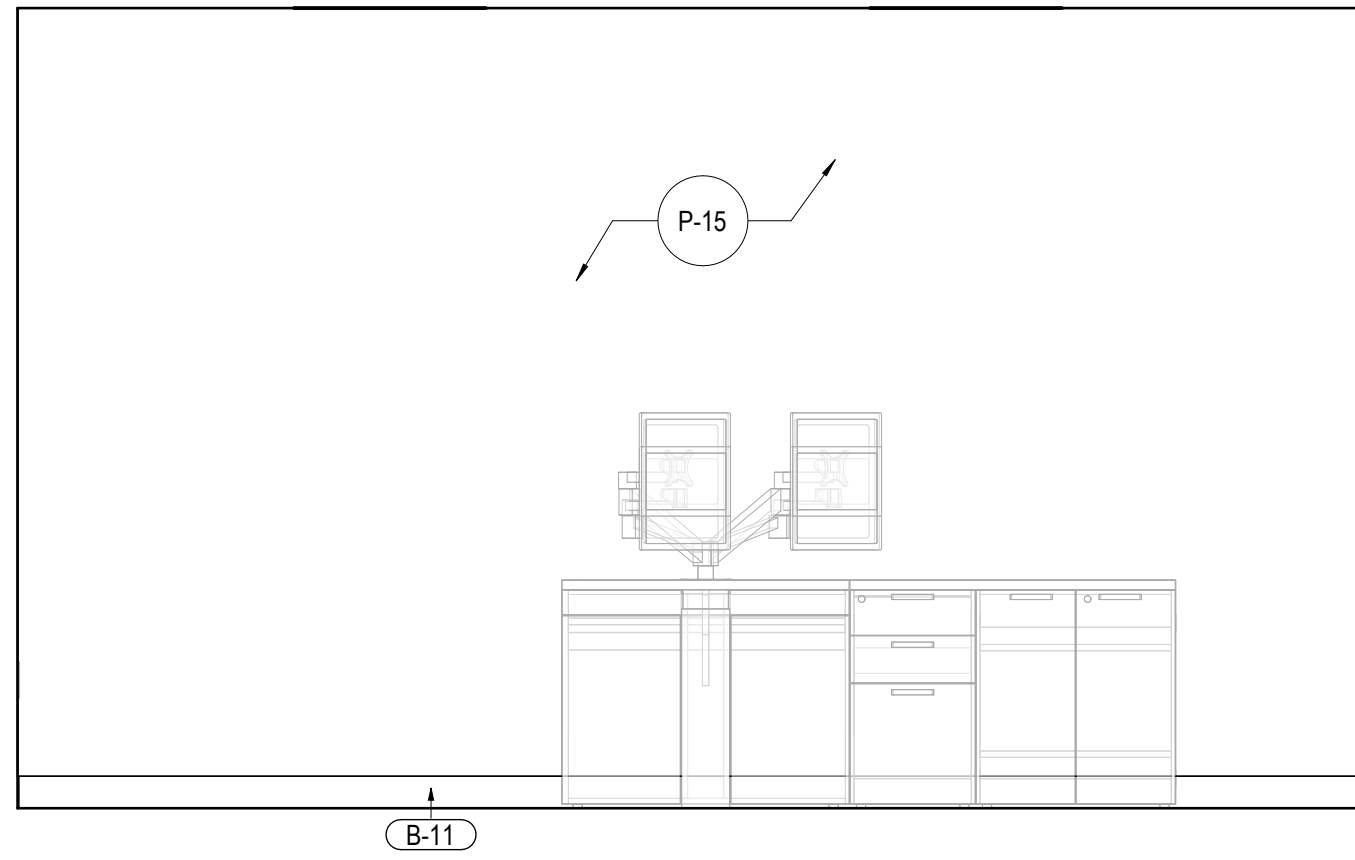
06



OFFICE 4 ME NORTH ELEVATION

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

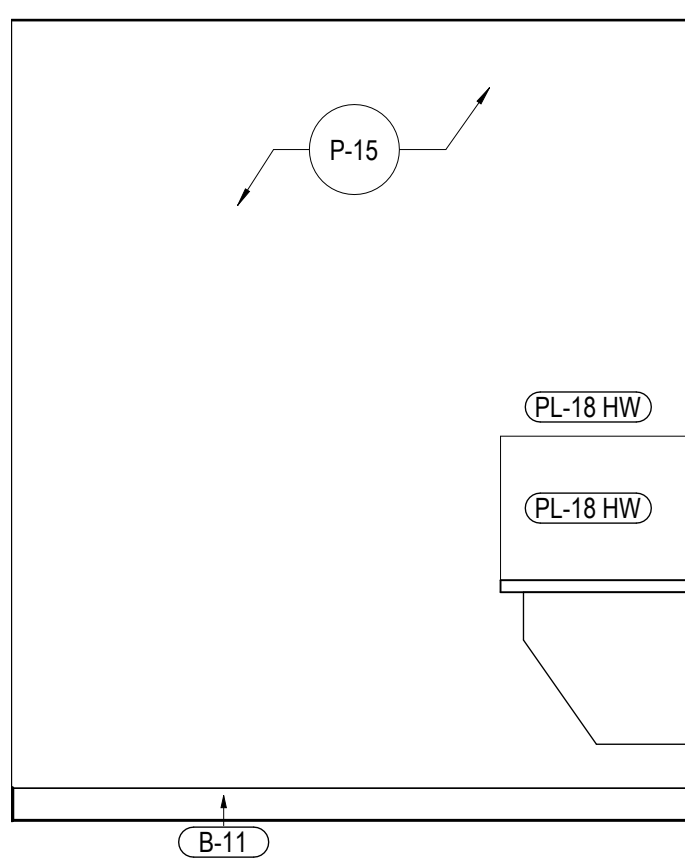
04



OFFICE 4 ME EAST ELEVATION

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

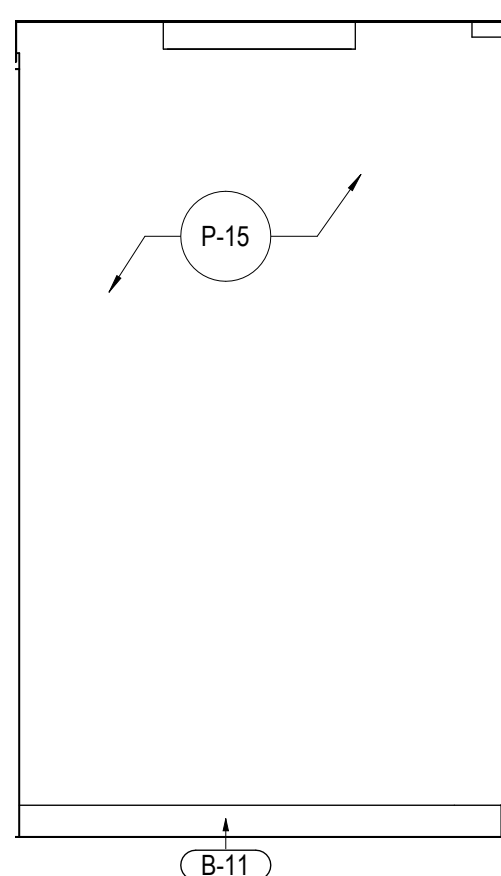
01



COUPON BOOTH NORTH ELEVATION

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

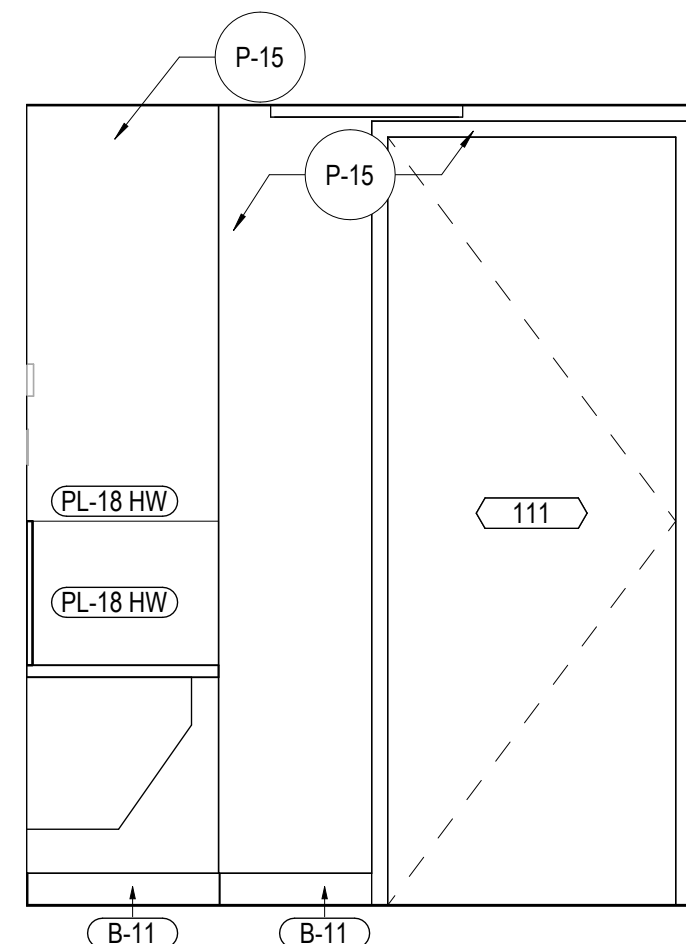
09



COUPON BOOTH WEST ELEVATION

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

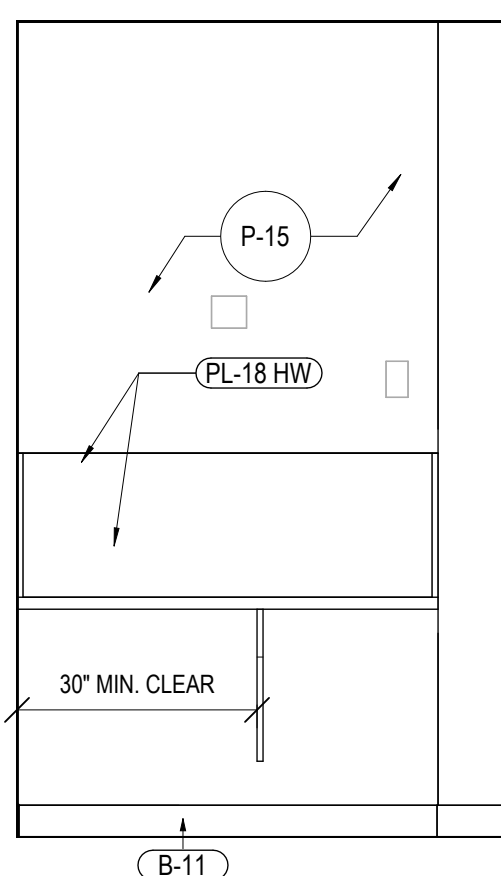
07



COUPON BOOTH SOUTH ELEVATION

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

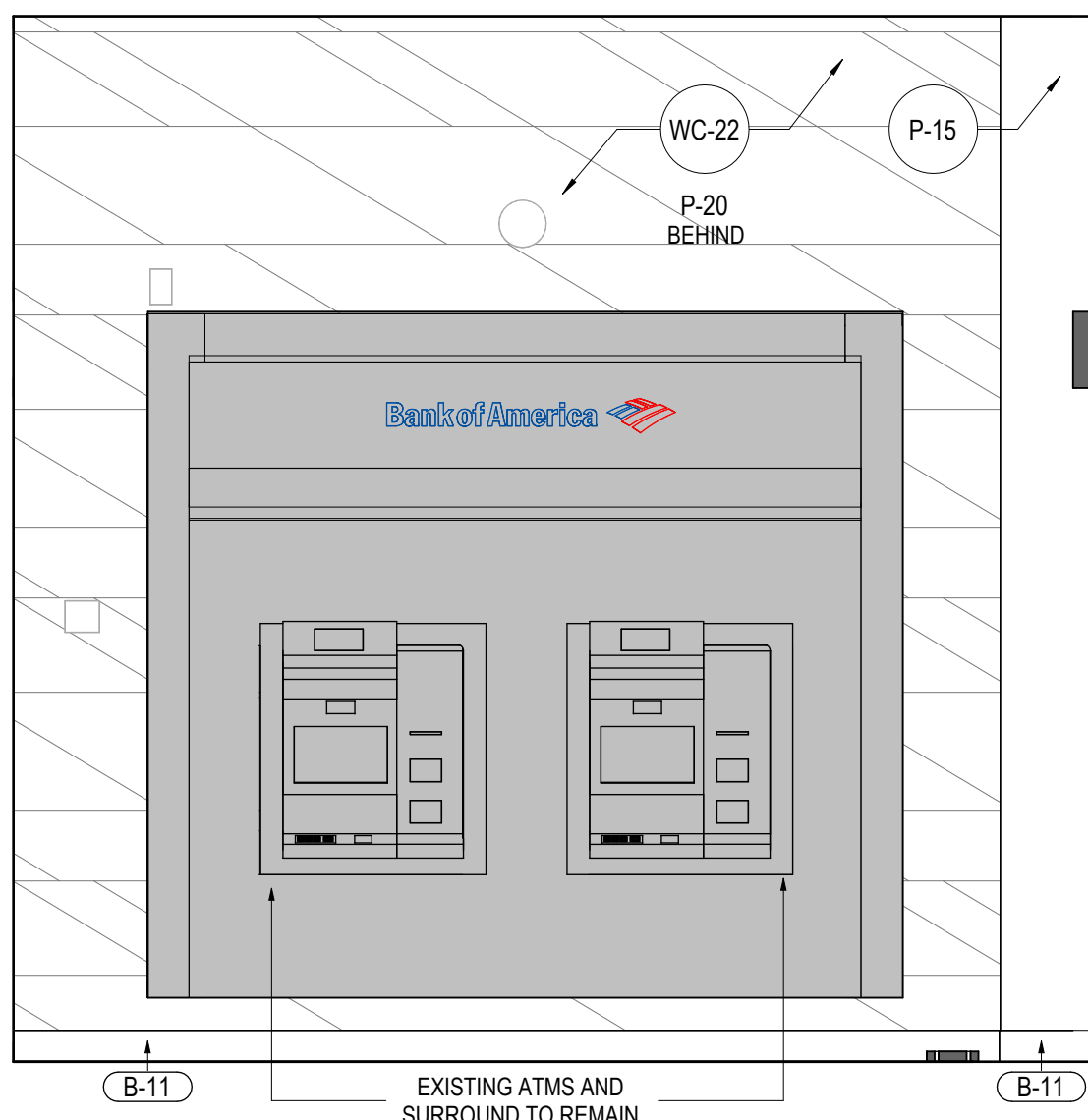
05



COUPON BOOTH EAST ELEVATION

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

02



ENTRY VESTIBULE EAST ELEVATION

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

03

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA
FRENCH & PARRELO
ASSOCIATES

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Gooma, PE
Amin.Gooma@FPAengineers.com
Tel 732-312-9873

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

INTERIOR ELEVATIONS

Scale

1/2" = 1'-0"

0 1 2 4 8

A08.01

MEDIUM RENOVATION
1414 NY-300
Newburgh, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA
FRENCH & PARRELLO
ASSOCIATES

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732-312-9873

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT SET
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name
MEADOW HILL

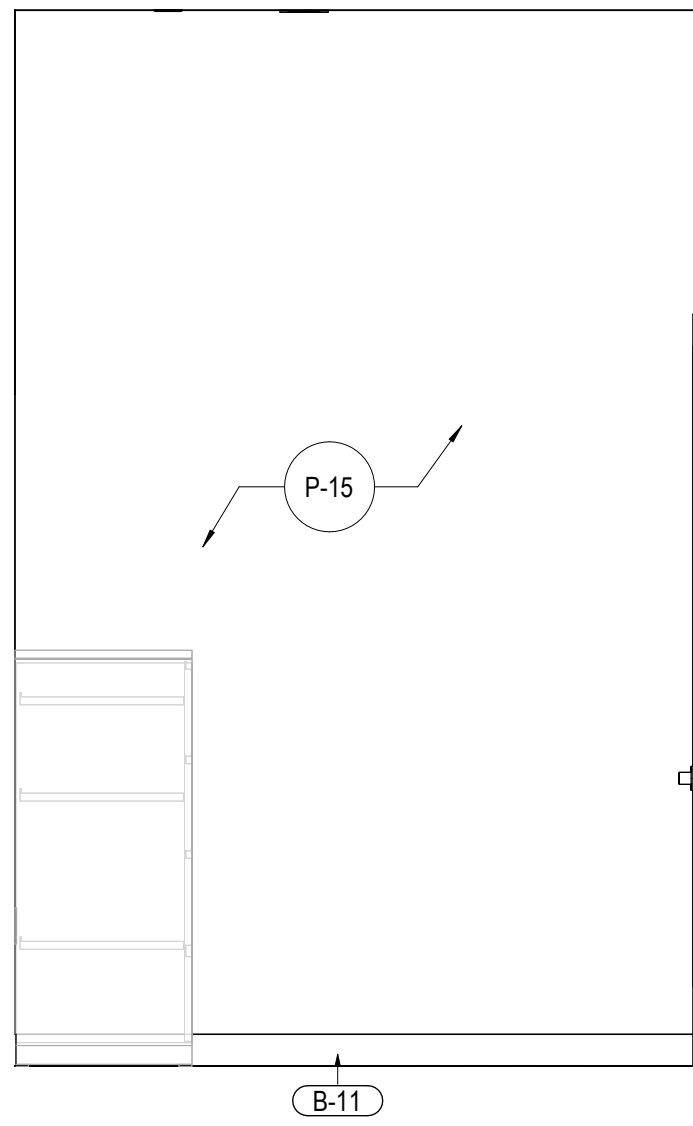
Project Number
059.8400.015

Description
INTERIOR ELEVATIONS

Scale

1/2" = 1'-0"

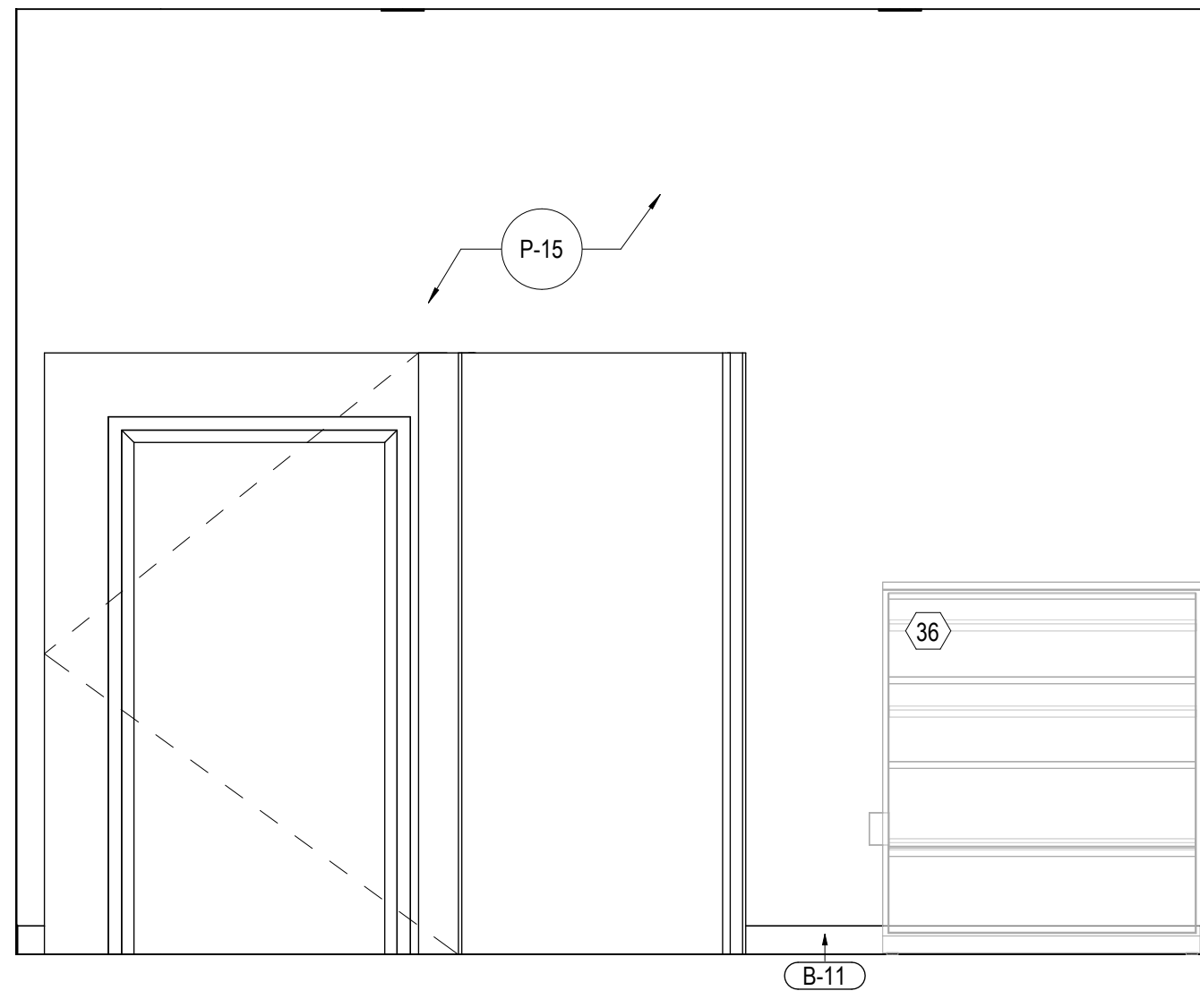
A08.02



SD LOBBY SOUTH ELEVATION

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

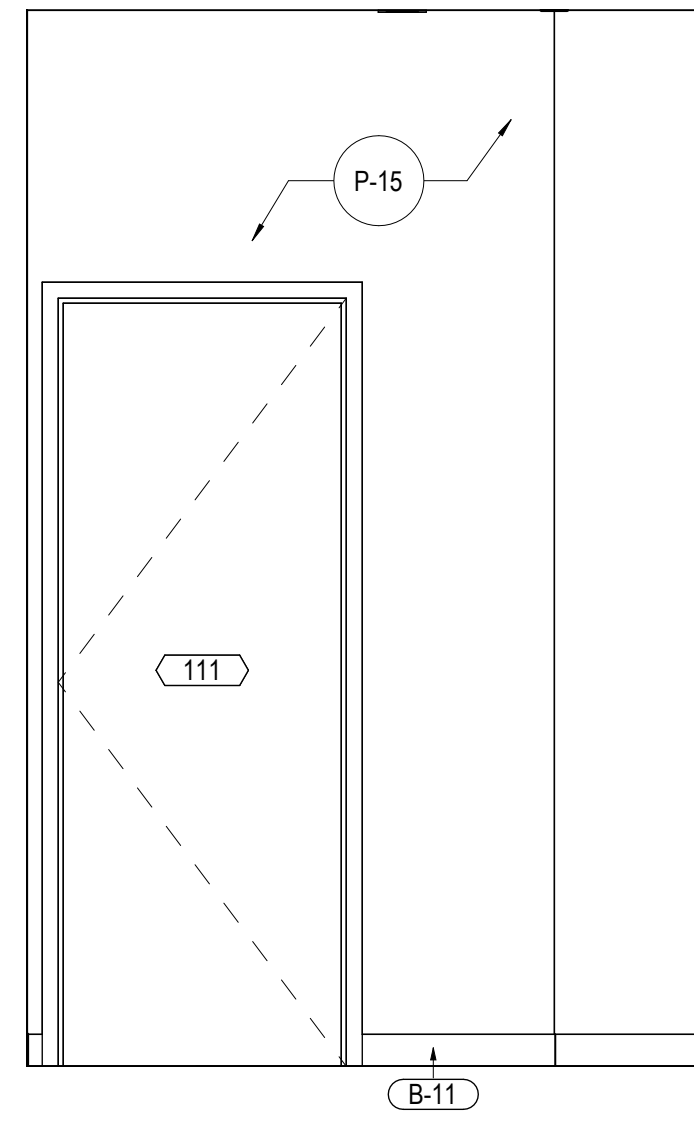
13



SD LOBBY EAST ELEVATION

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

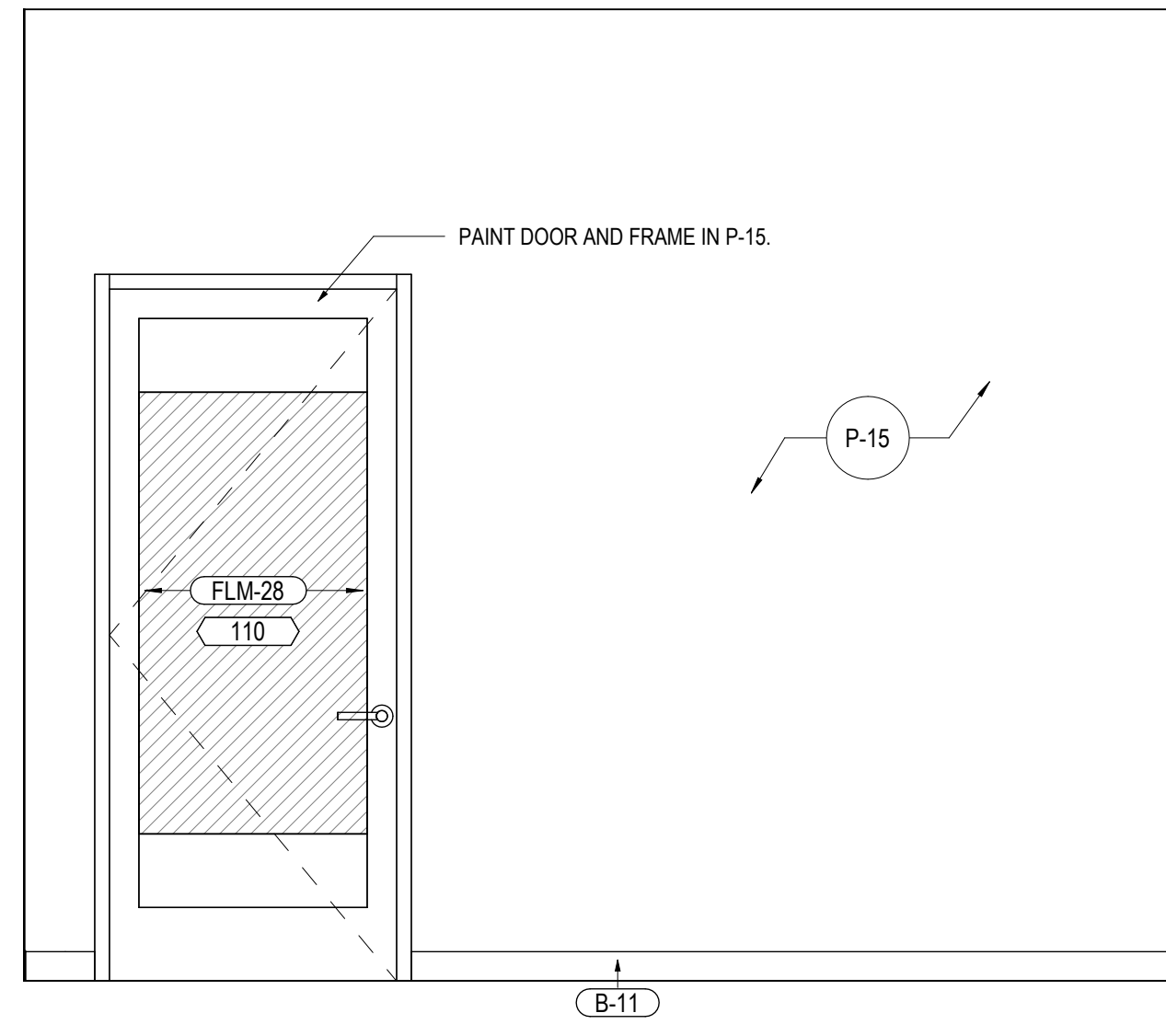
09



SD LOBBY NORTH ELEVATION

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

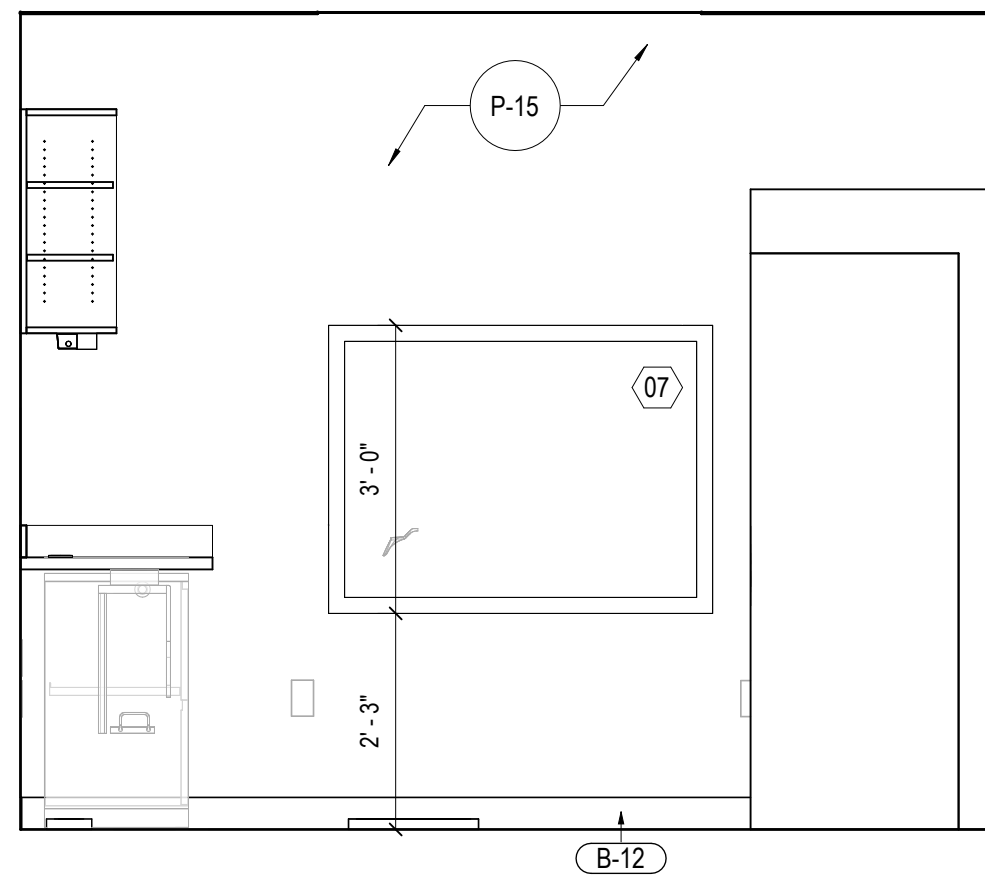
05



SD LOBBY WEST ELEVATION

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

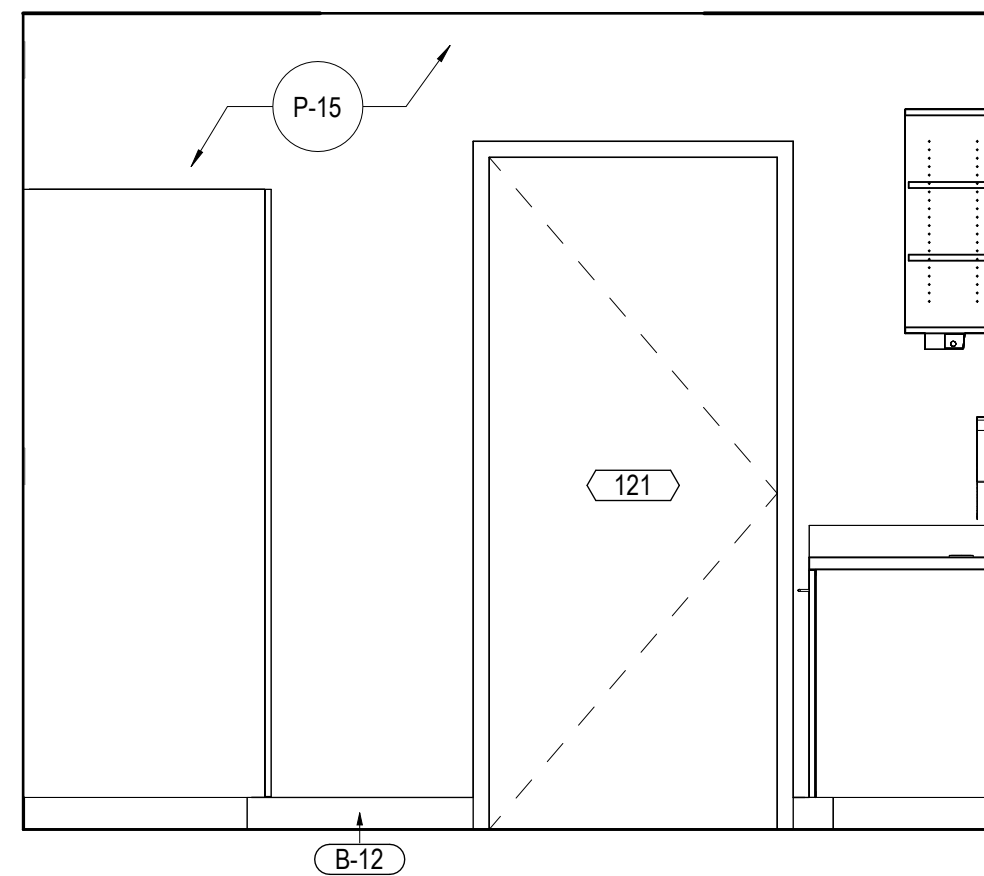
01



WORK ROOM EAST ELEVATION

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

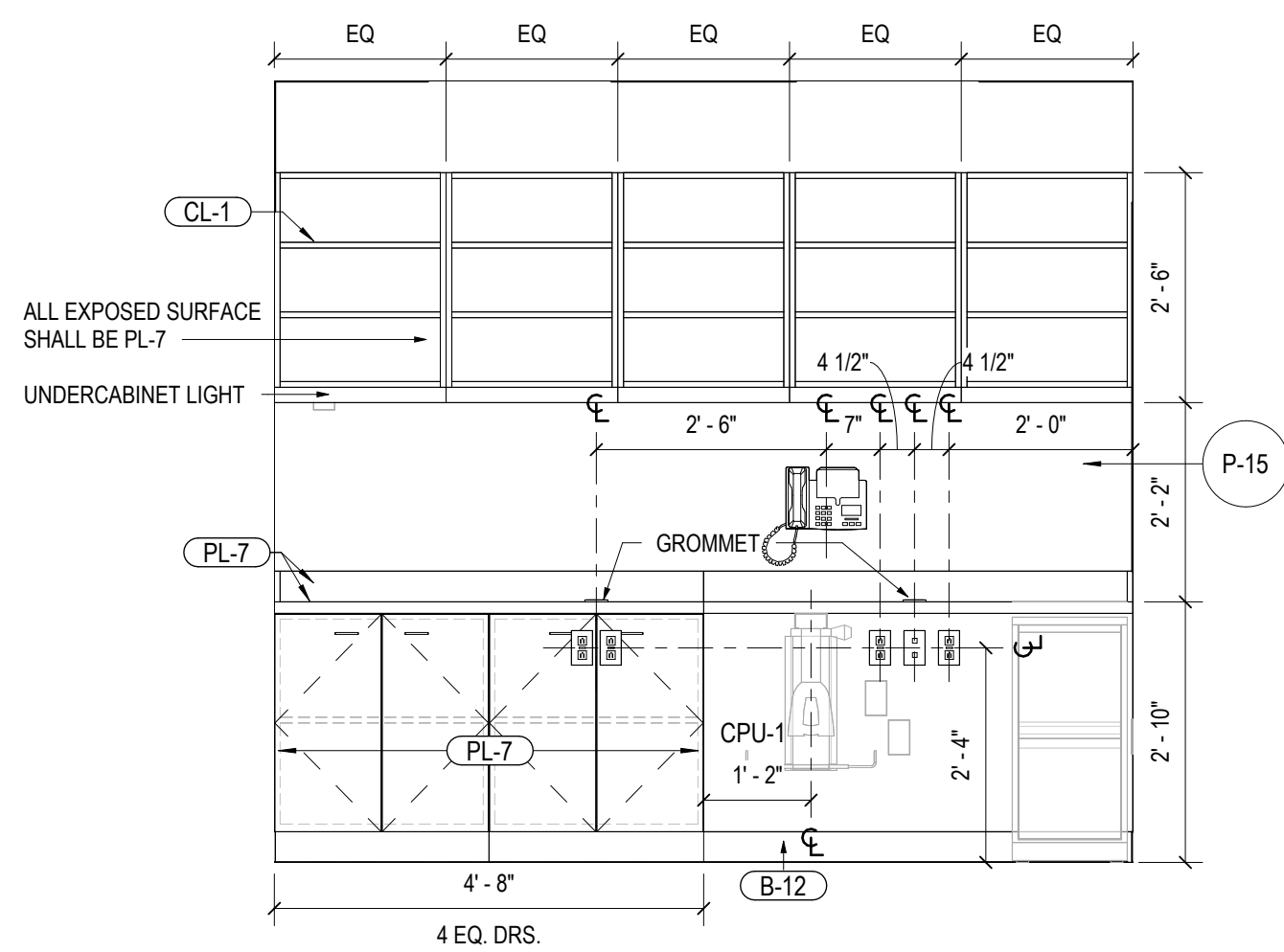
15



WORK ROOM WEST ELEVATION

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

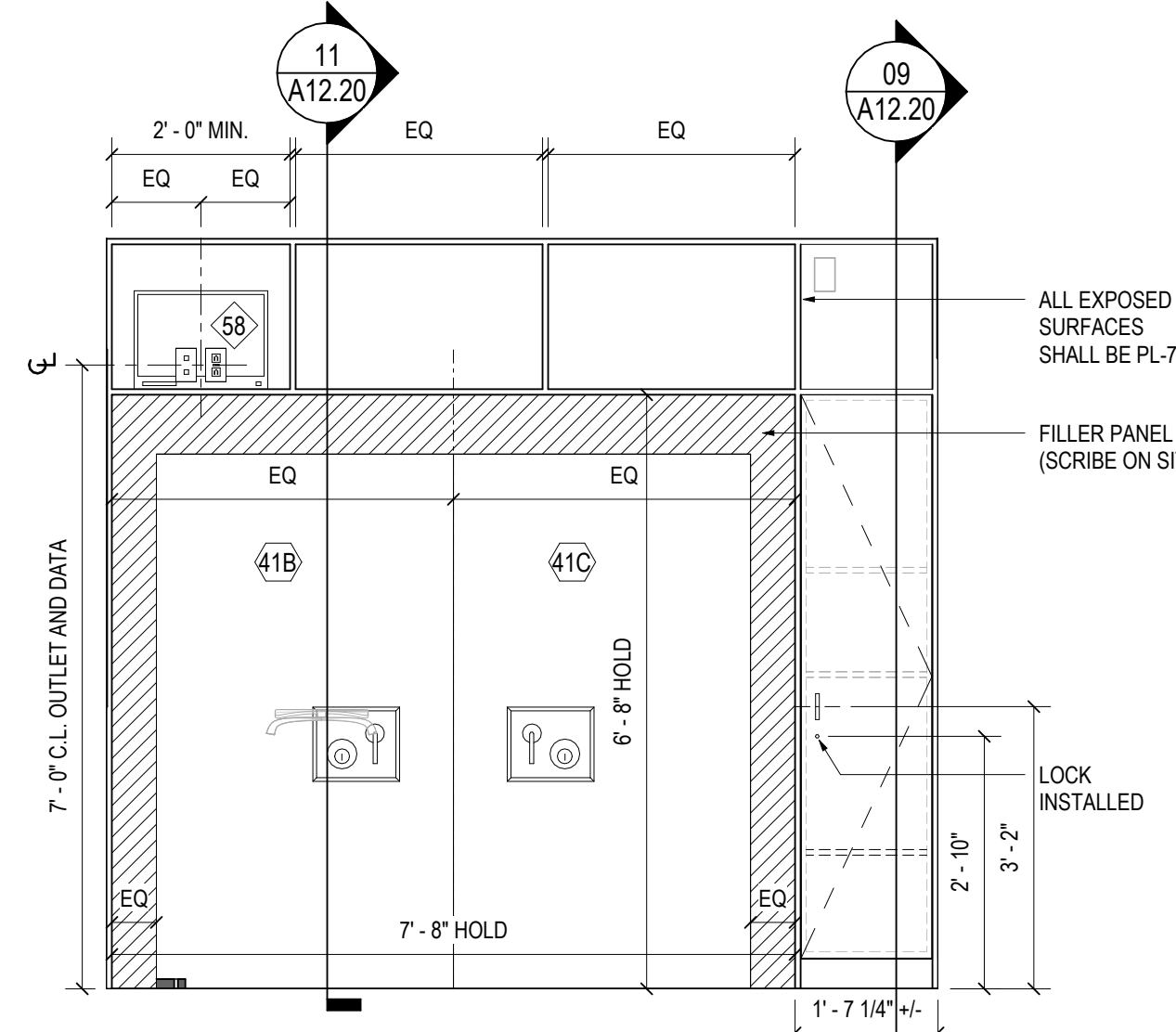
10



WORK ROOM NORTH ELEVATION

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

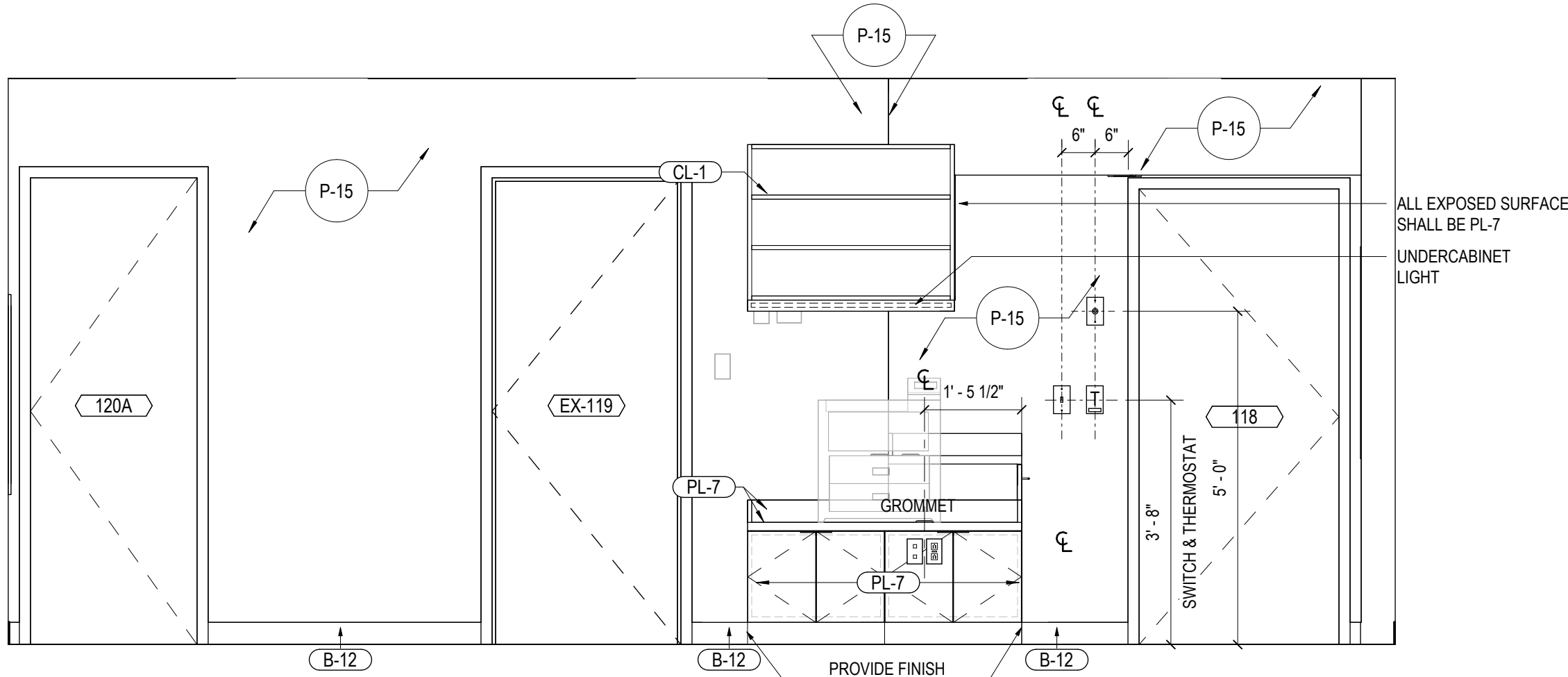
06



WORK ROOM SOUTH ELEVATION

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

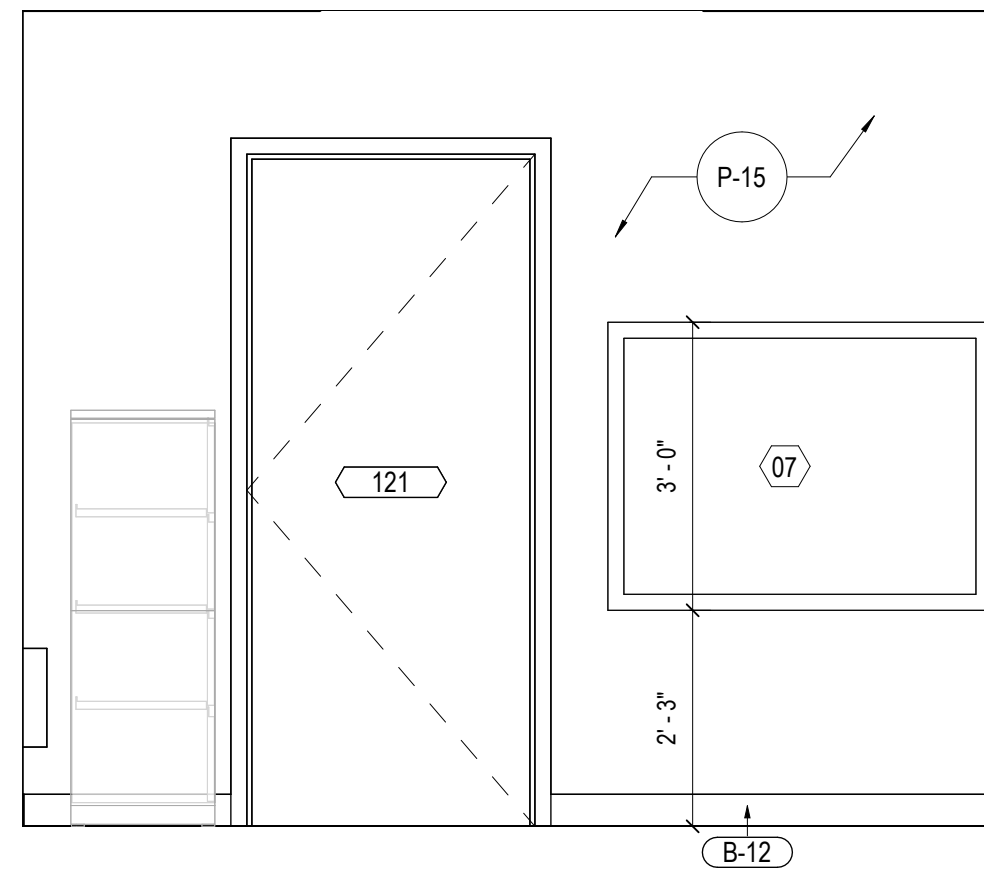
02



CALLING CUBES SOUTH ELEVATION

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

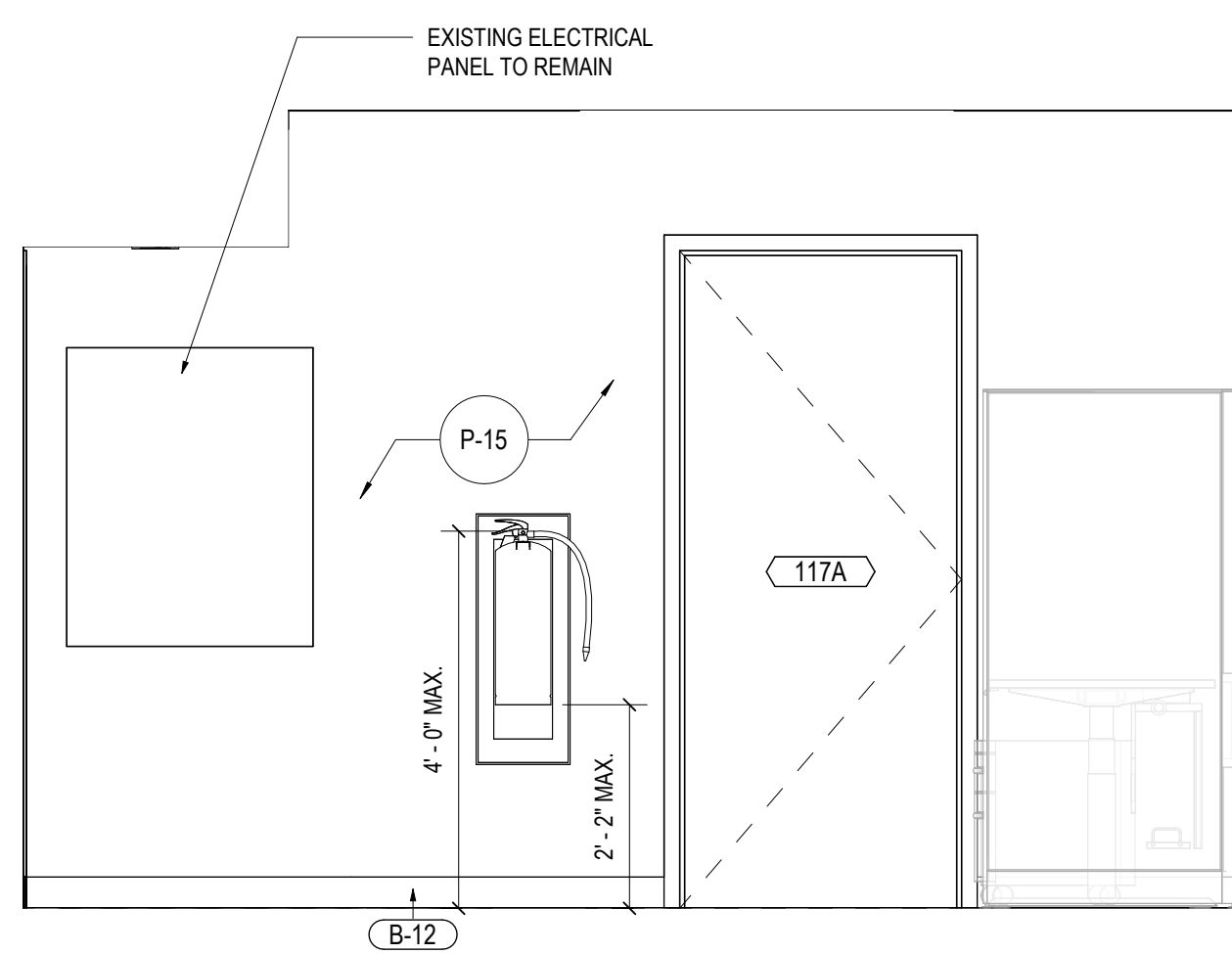
16



CALLING CUBES EAST ELEVATION

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

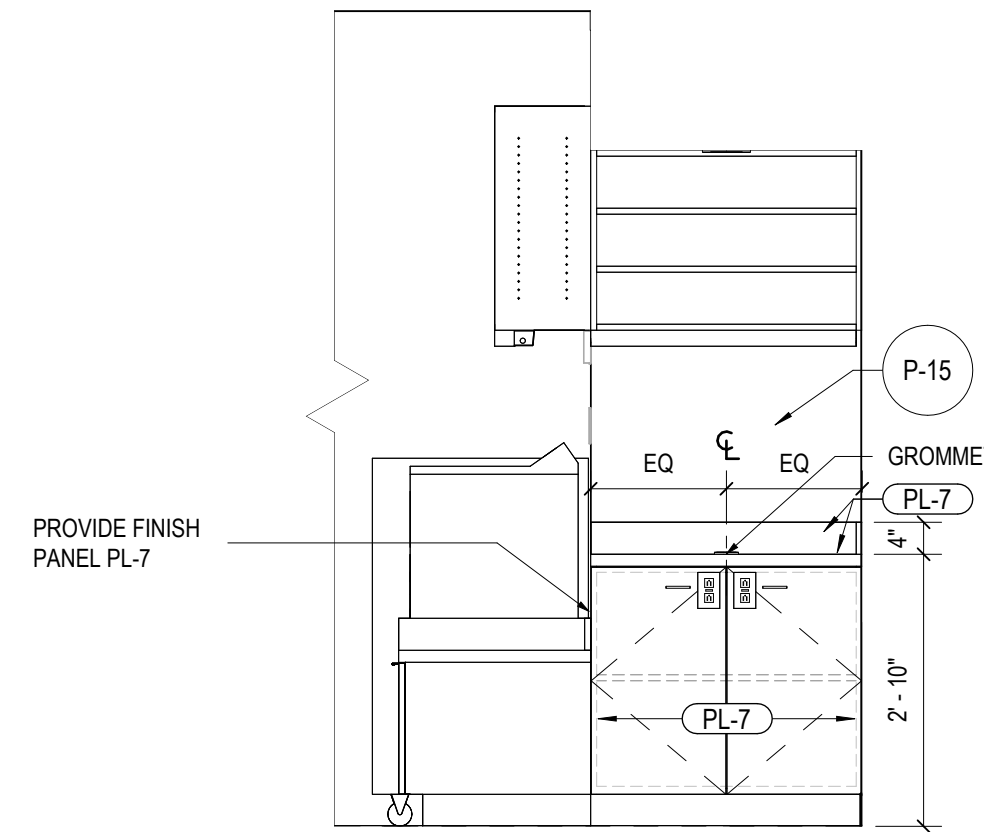
11



CALLING CUBES WEST ELEVATION

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

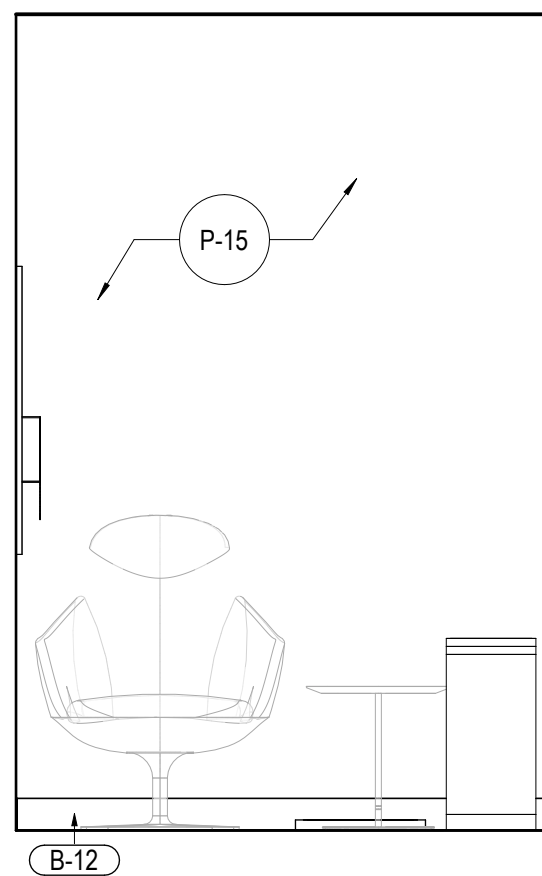
07



MW-07 UCC ELEVATION

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

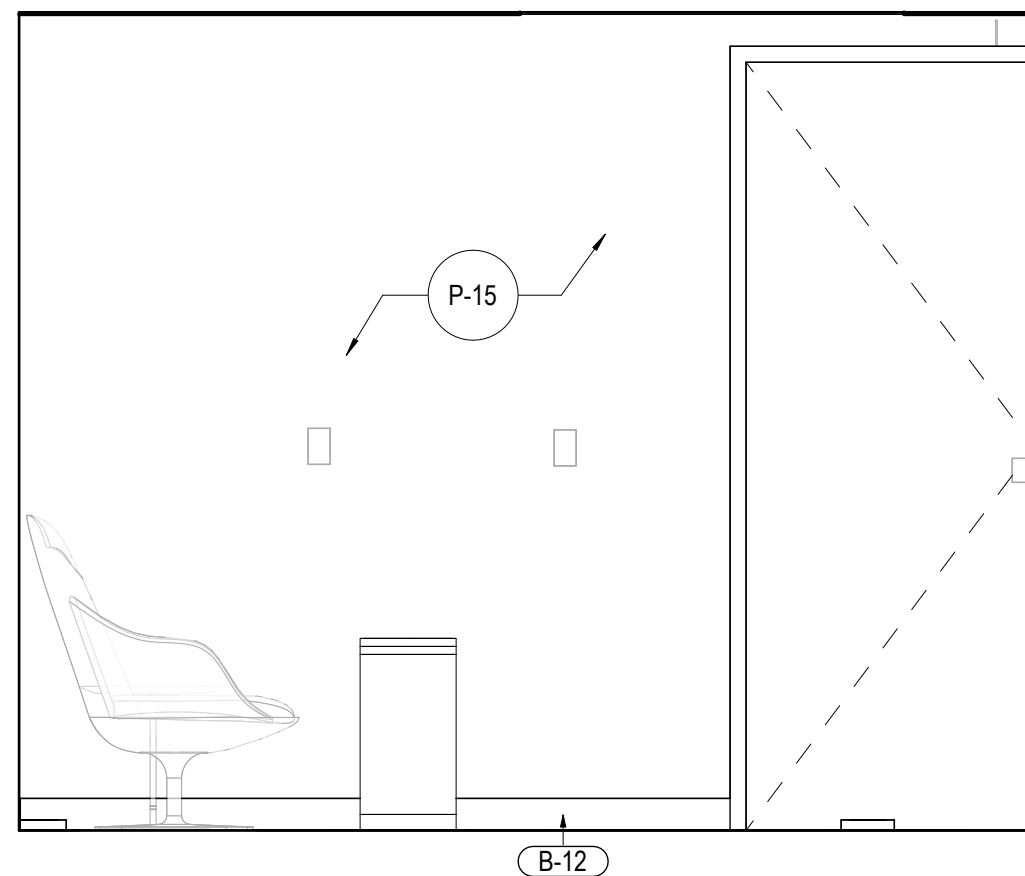
03



WELLNESS EAST ELEVATION

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

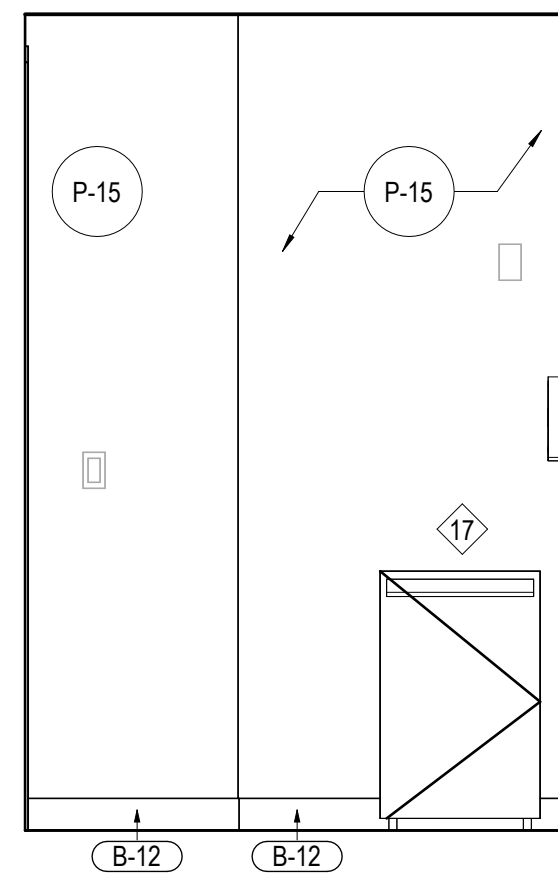
14



WELLNESS SOUTH ELEVATION

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

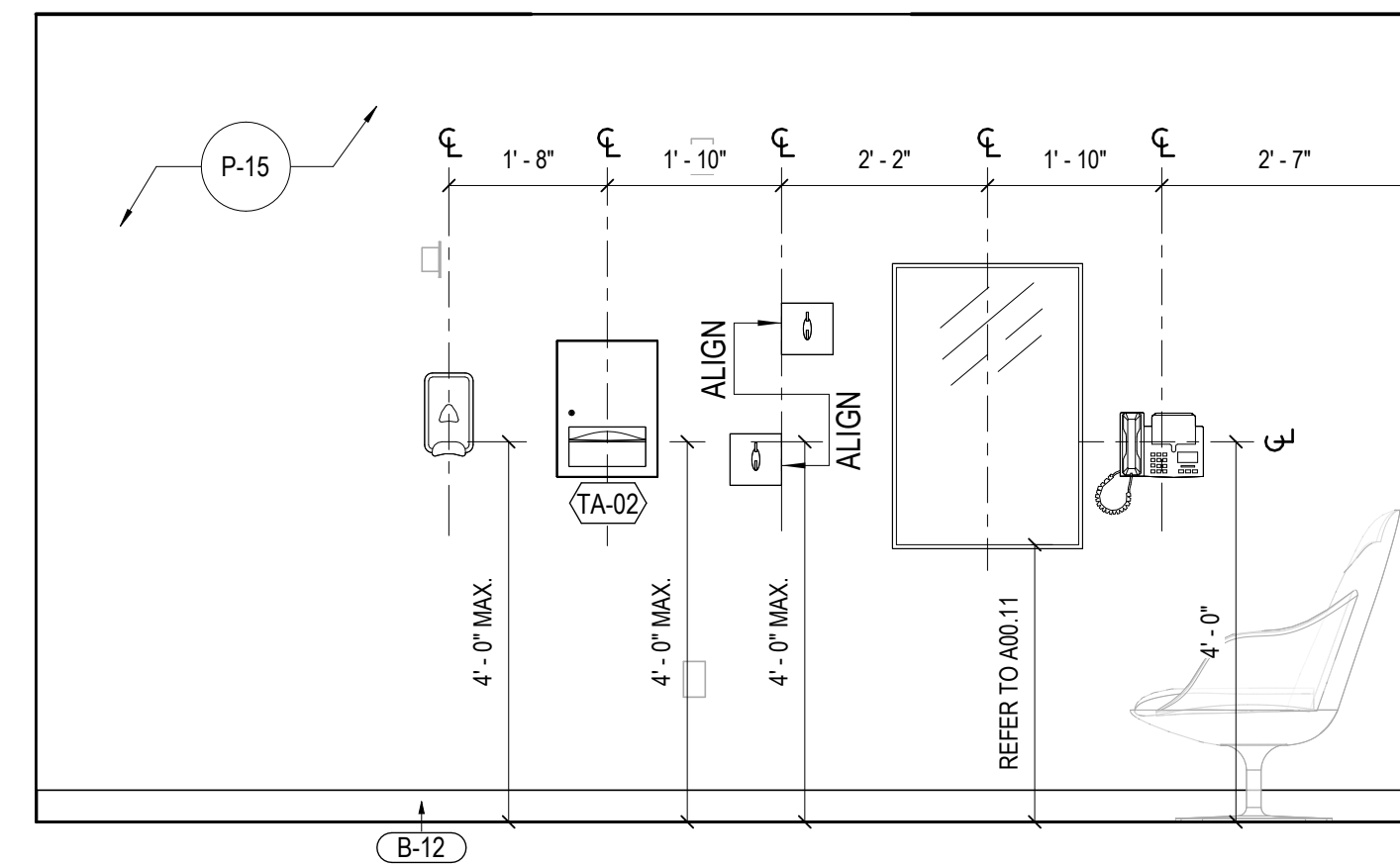
12



WELLNESS WEST ELEVATION

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

08



WELLNESS NORTH ELEVATION

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

04

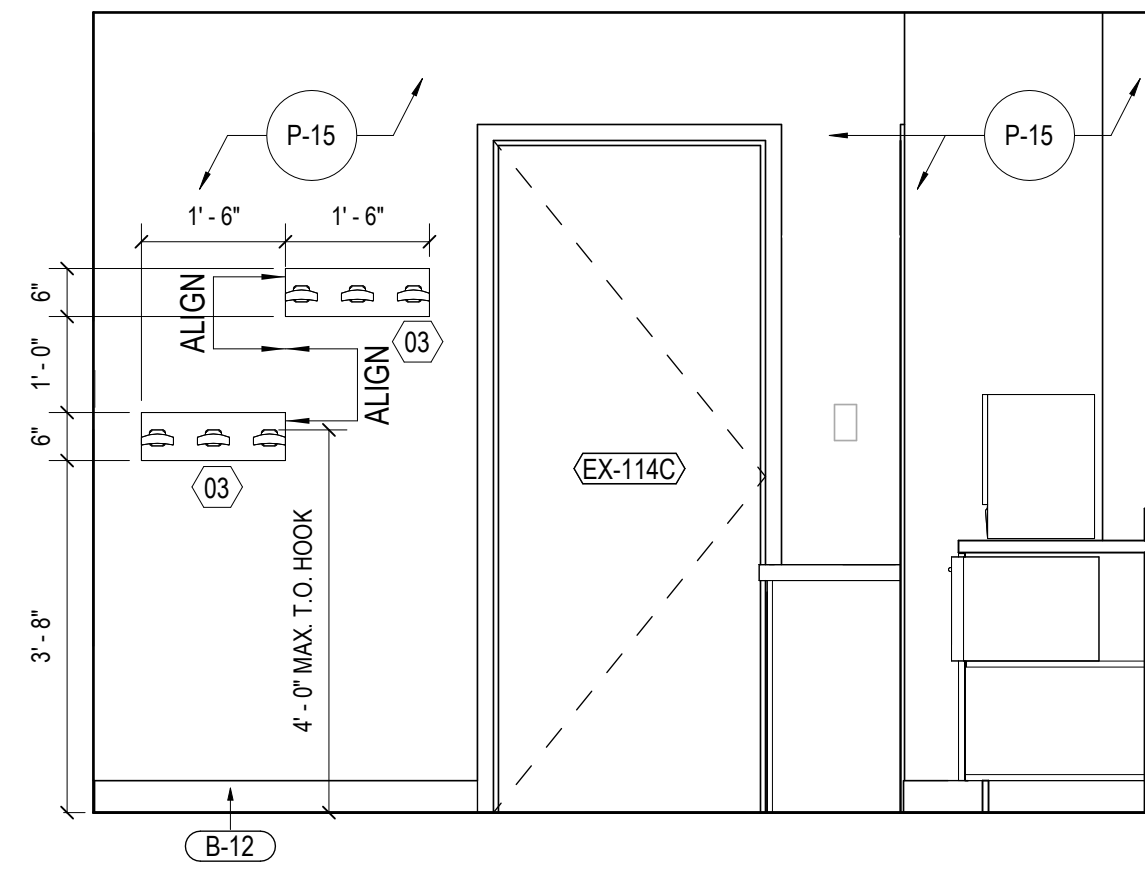
Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT SET
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name
MEADOW HILL
Project Number
059.8400.015
Description
INTERIOR ELEVATIONS

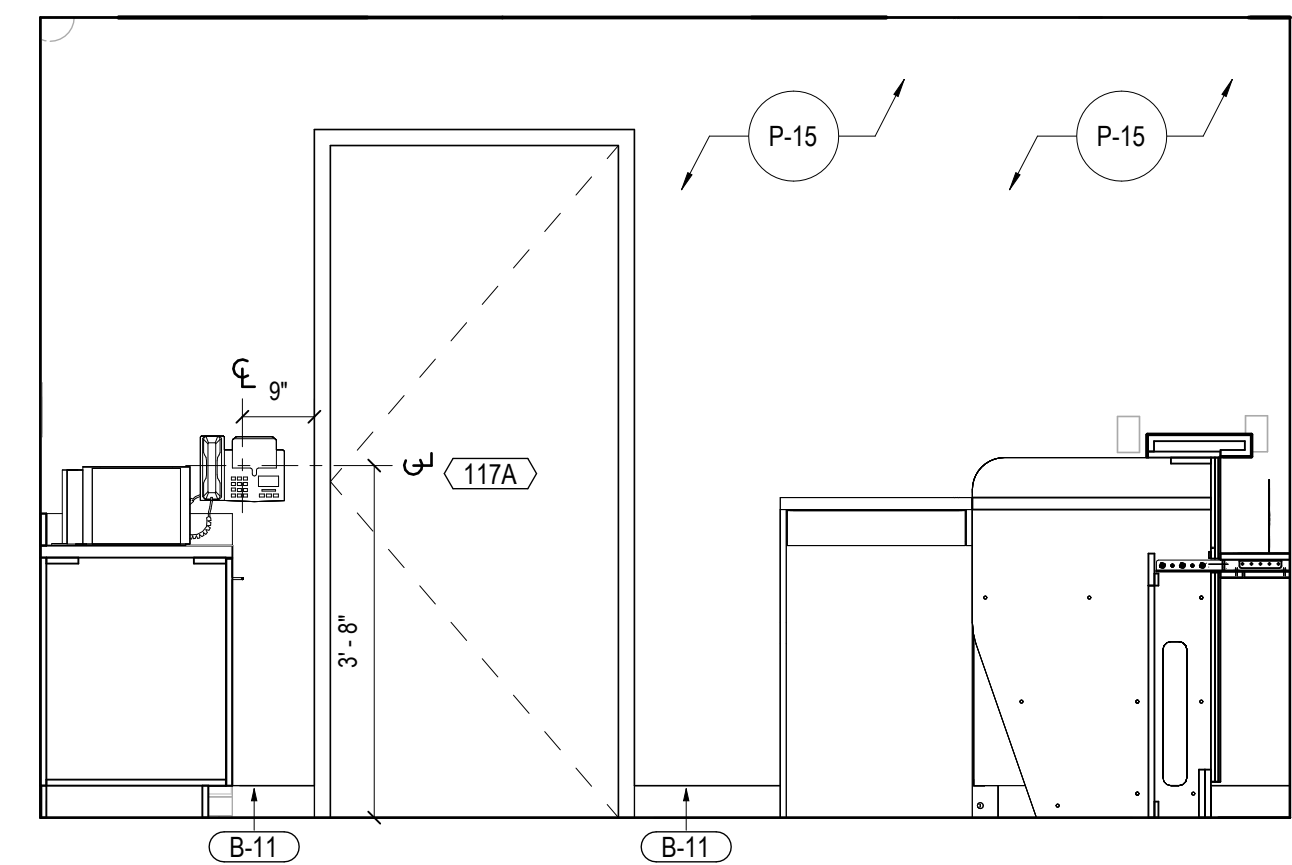
Scale
1/2" = 1'-0"
0 1 2 4 8
A08.03



BREAKROOM WEST ELEVATION

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

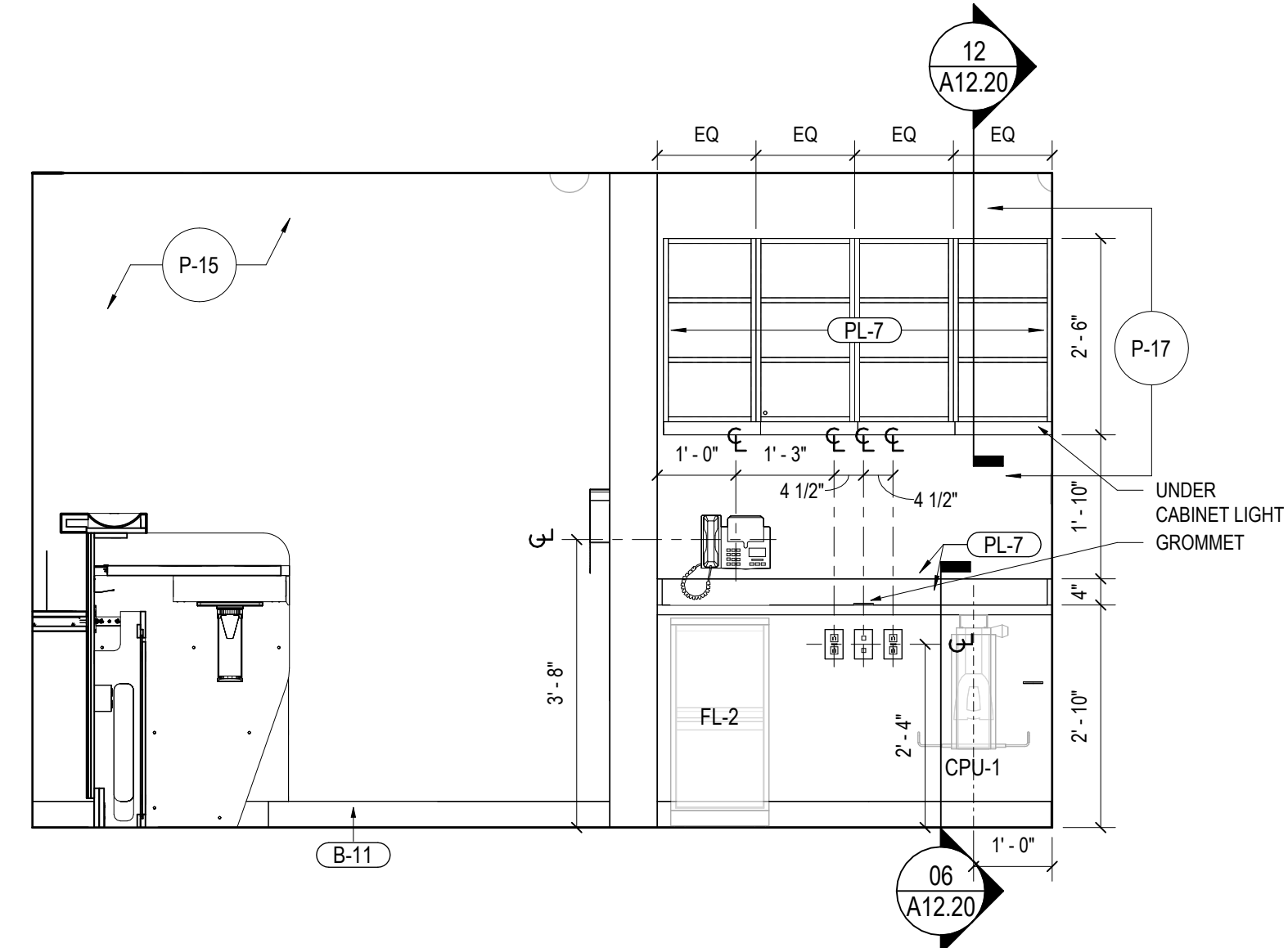
01



CSR EAST ELEVATION

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

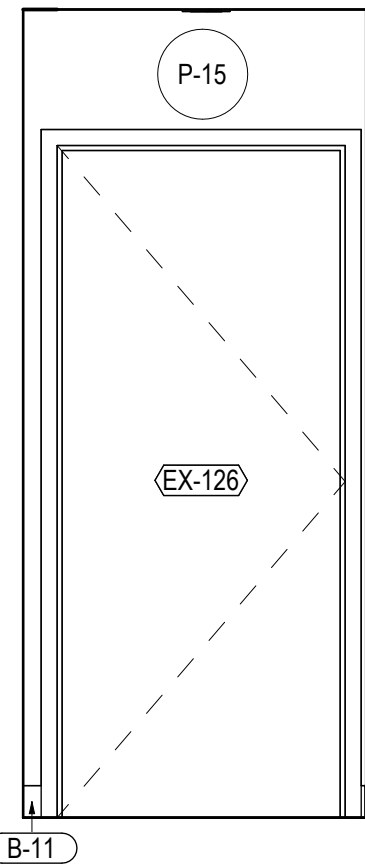
02



CSR WEST ELEVATION

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

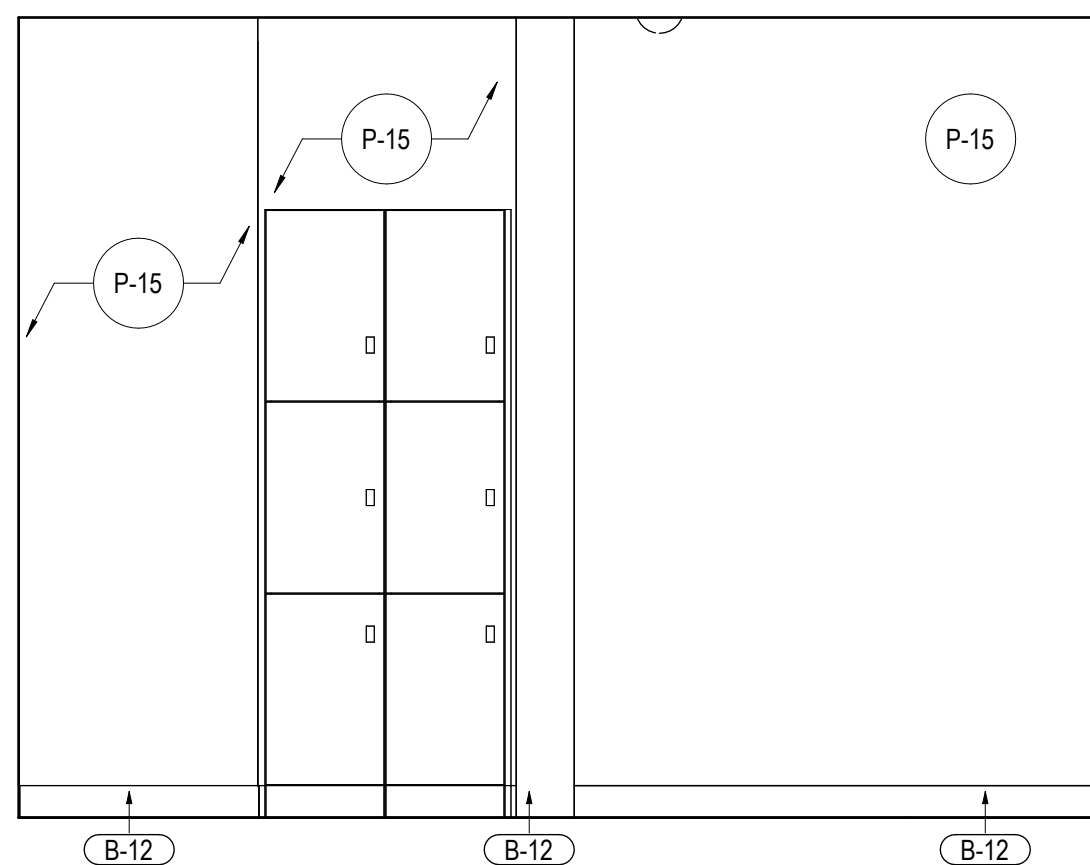
03



CORRIDOR EAST ELEVATION

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

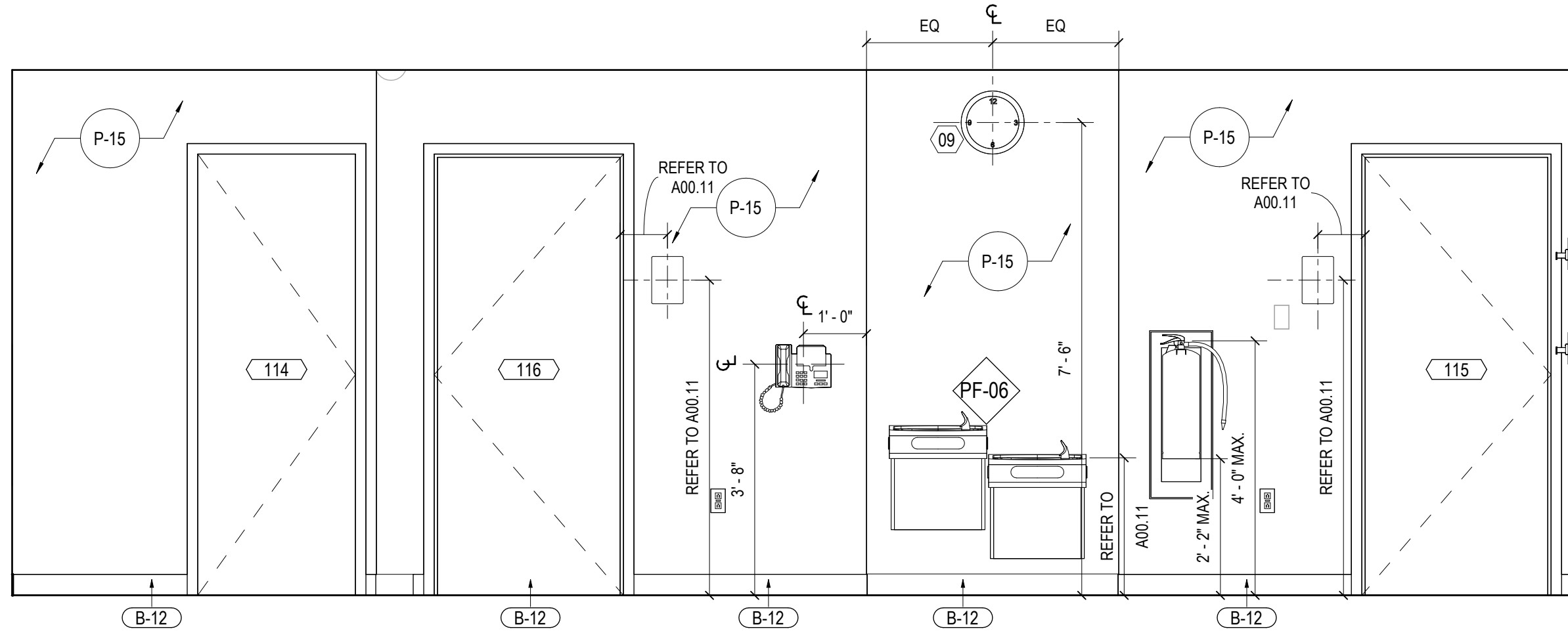
08



BREAKROOM EAST ELEVATION

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

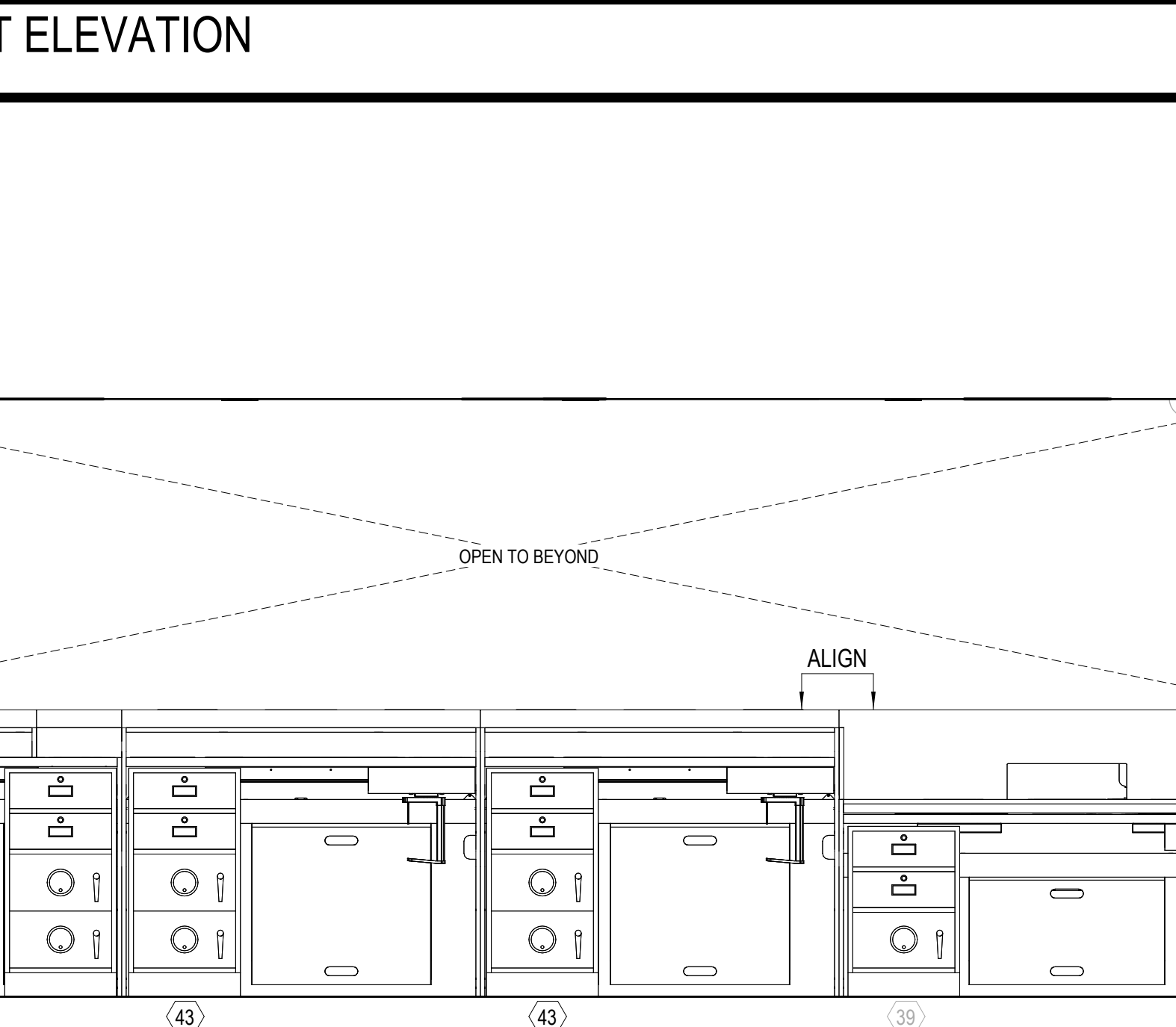
05



BREAKROOM SOUTH ELEVATION

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

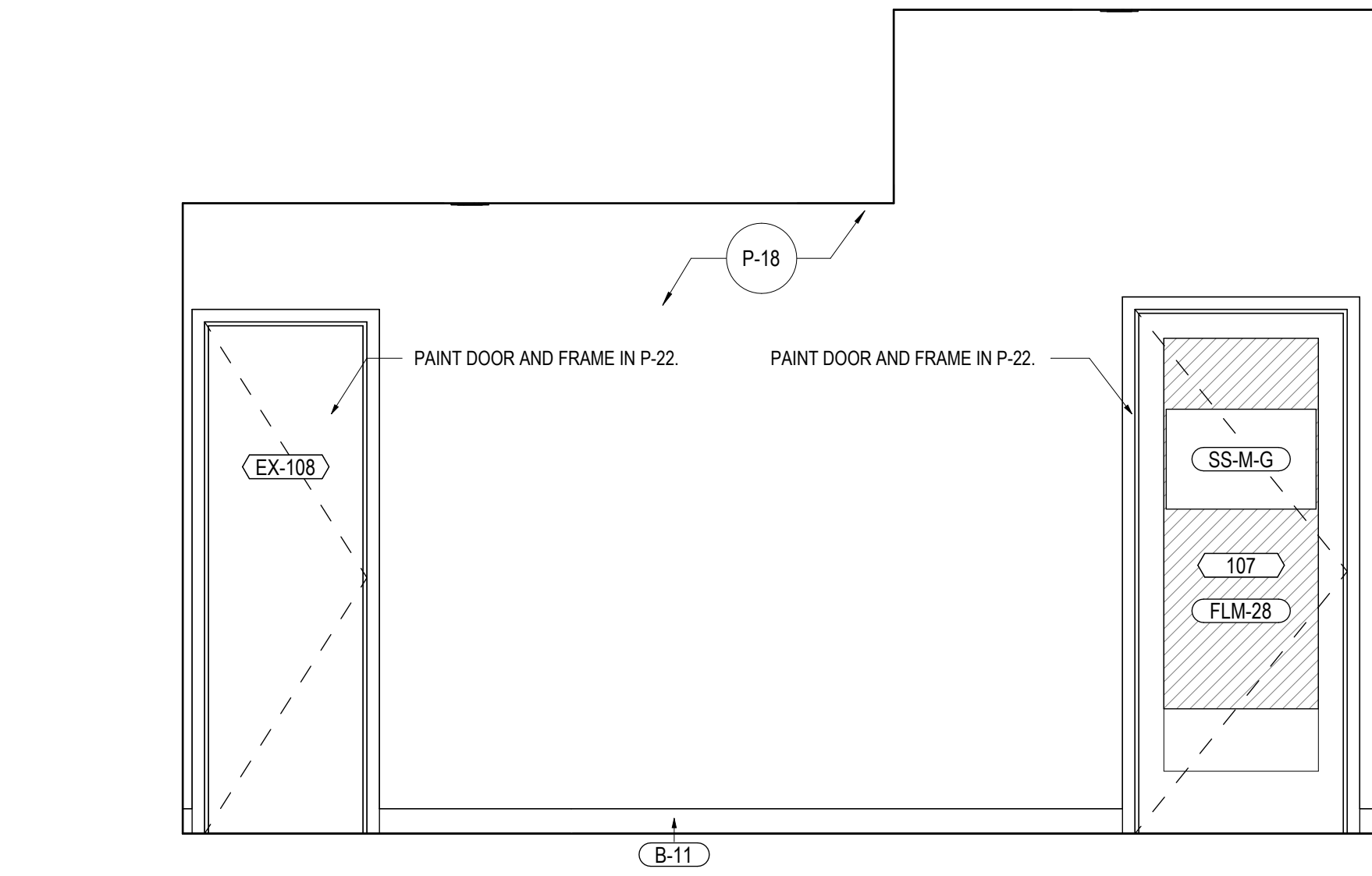
06



CSR SOUTH ELEVATION

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

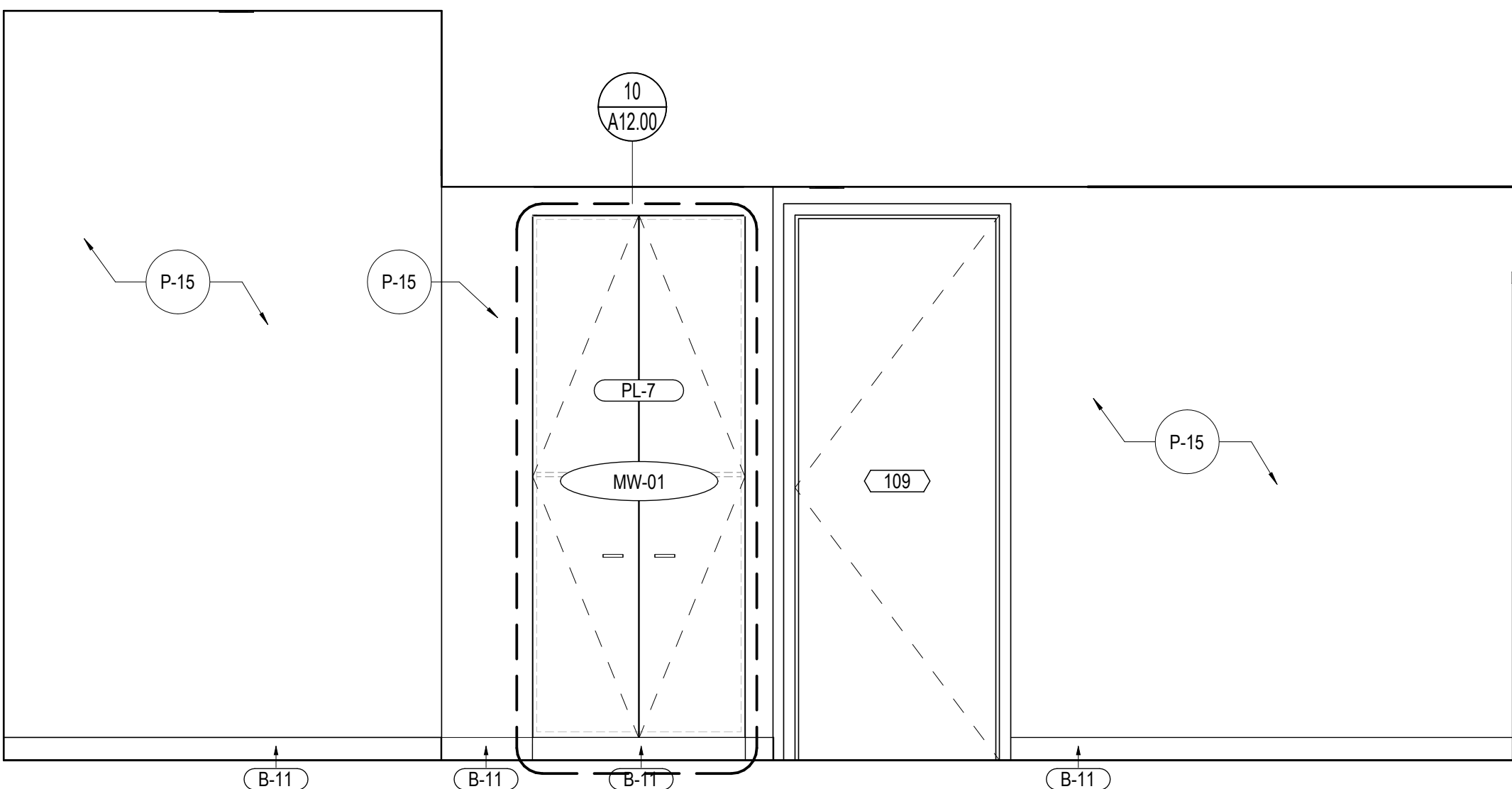
04



CORRIDOR SOUTH ELEVATION

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

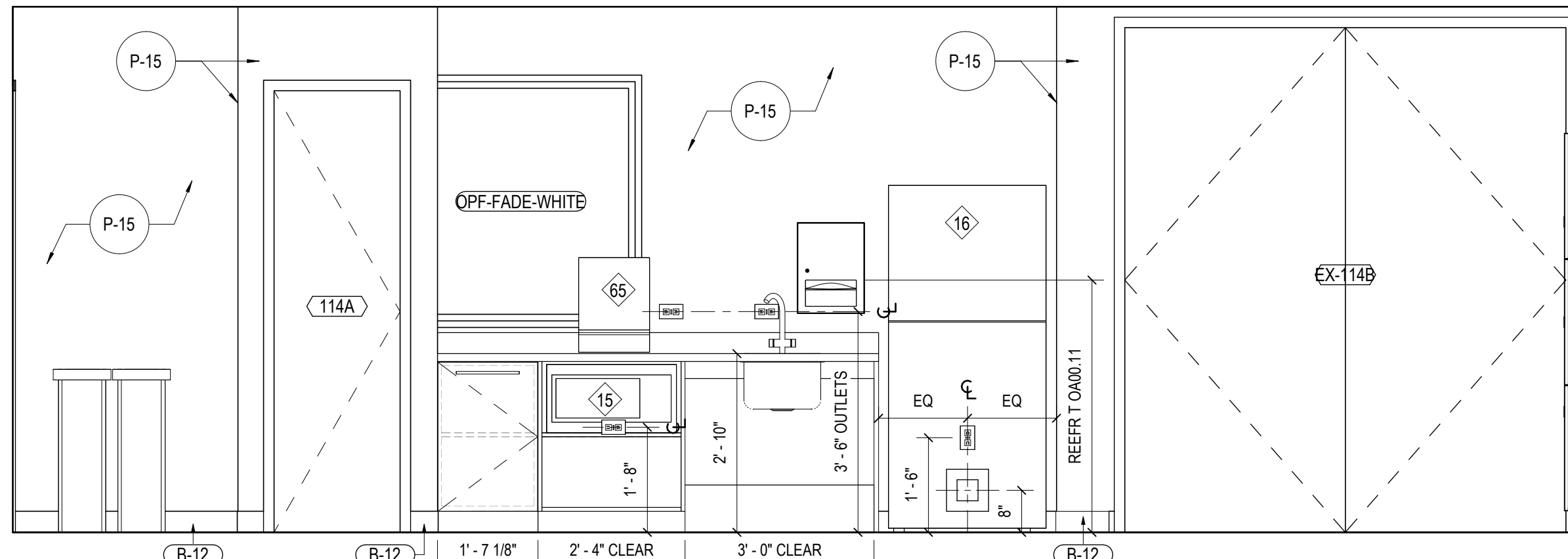
09



HALLWAY NORTH ELEVATION

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

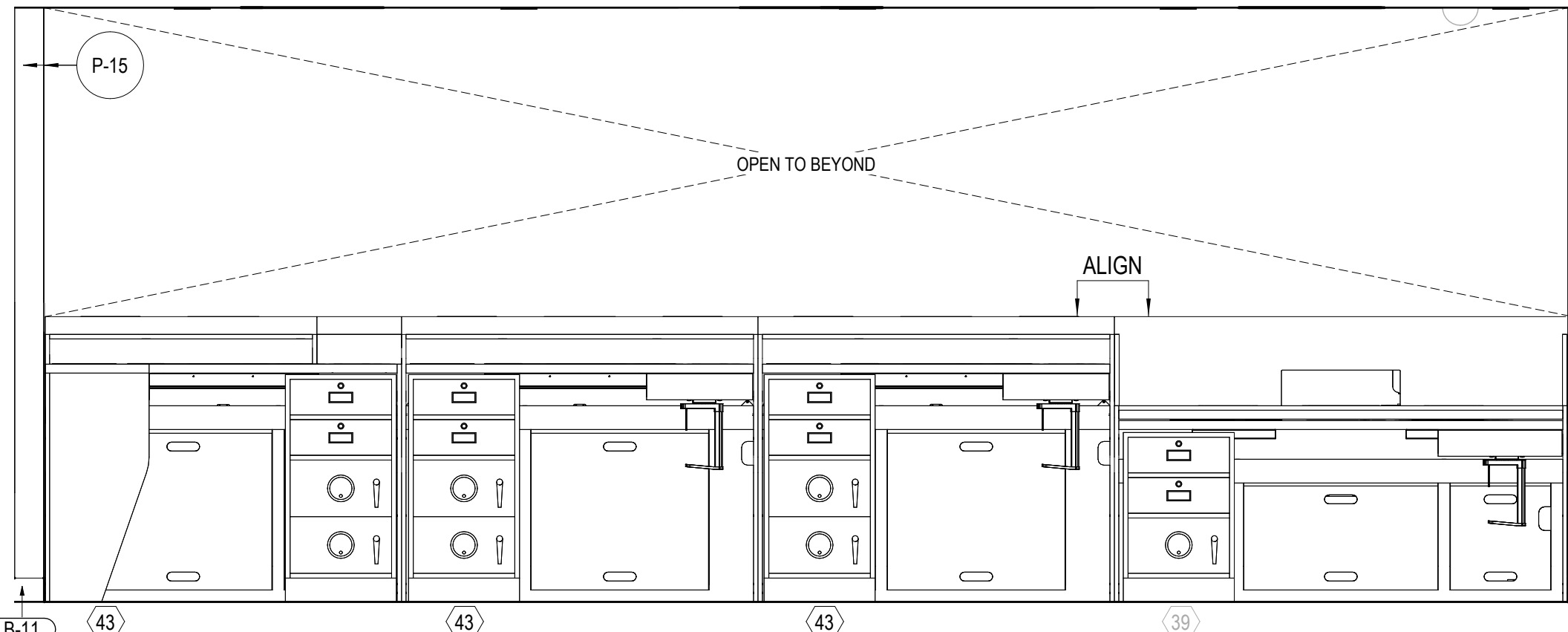
10



BREAKROOM NORTH ELEVATION

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

07



CSR NORTH ELEVATION

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

05

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA
FRENCH & PARRELLO
A S S O C I A T E S

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732-312-9873

Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

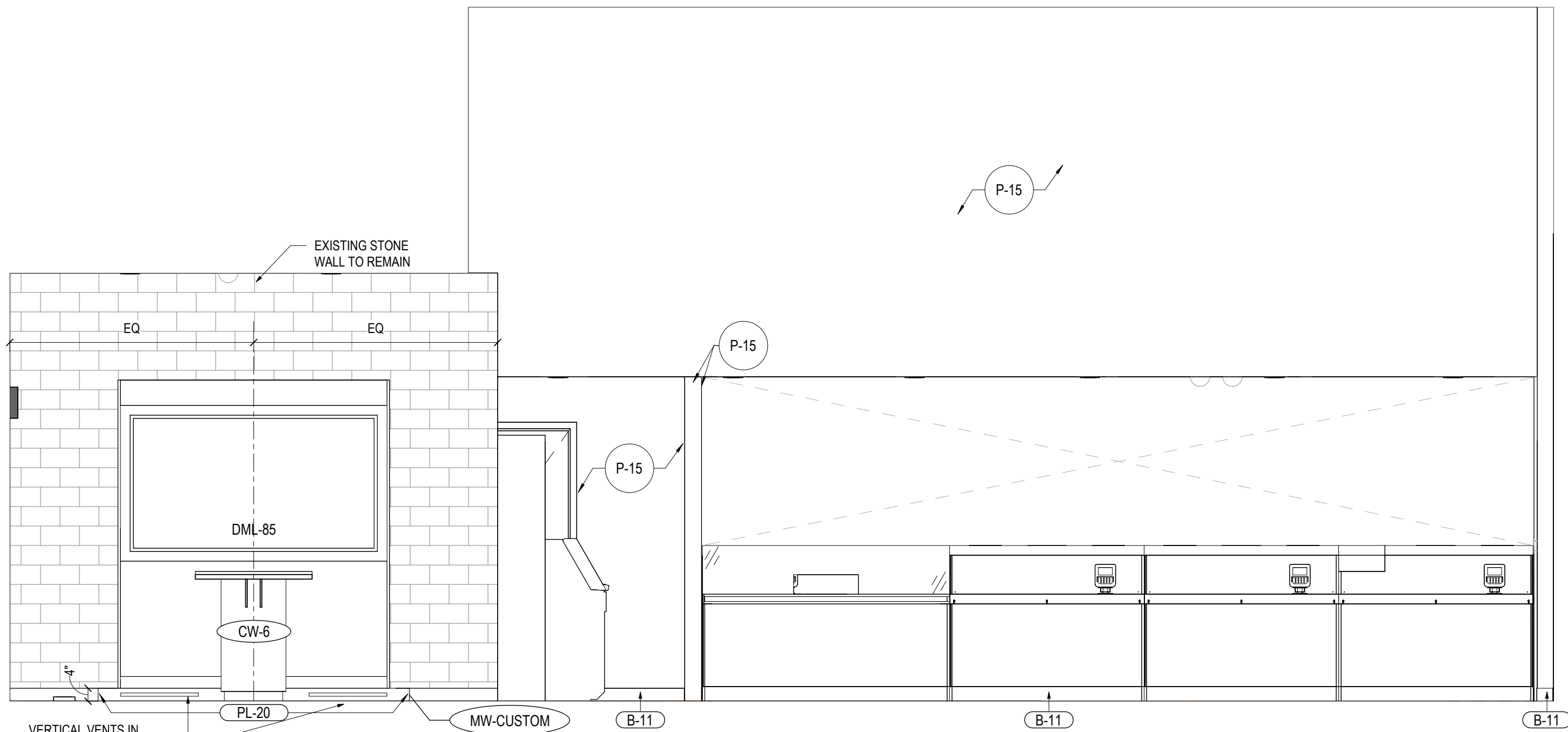
INTERIOR ELEVATIONS

Scale

3/8" = 1'-0"

0 1 2 4 8

A08.04



CENTRAL ZONE NORTH ELEVATION

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

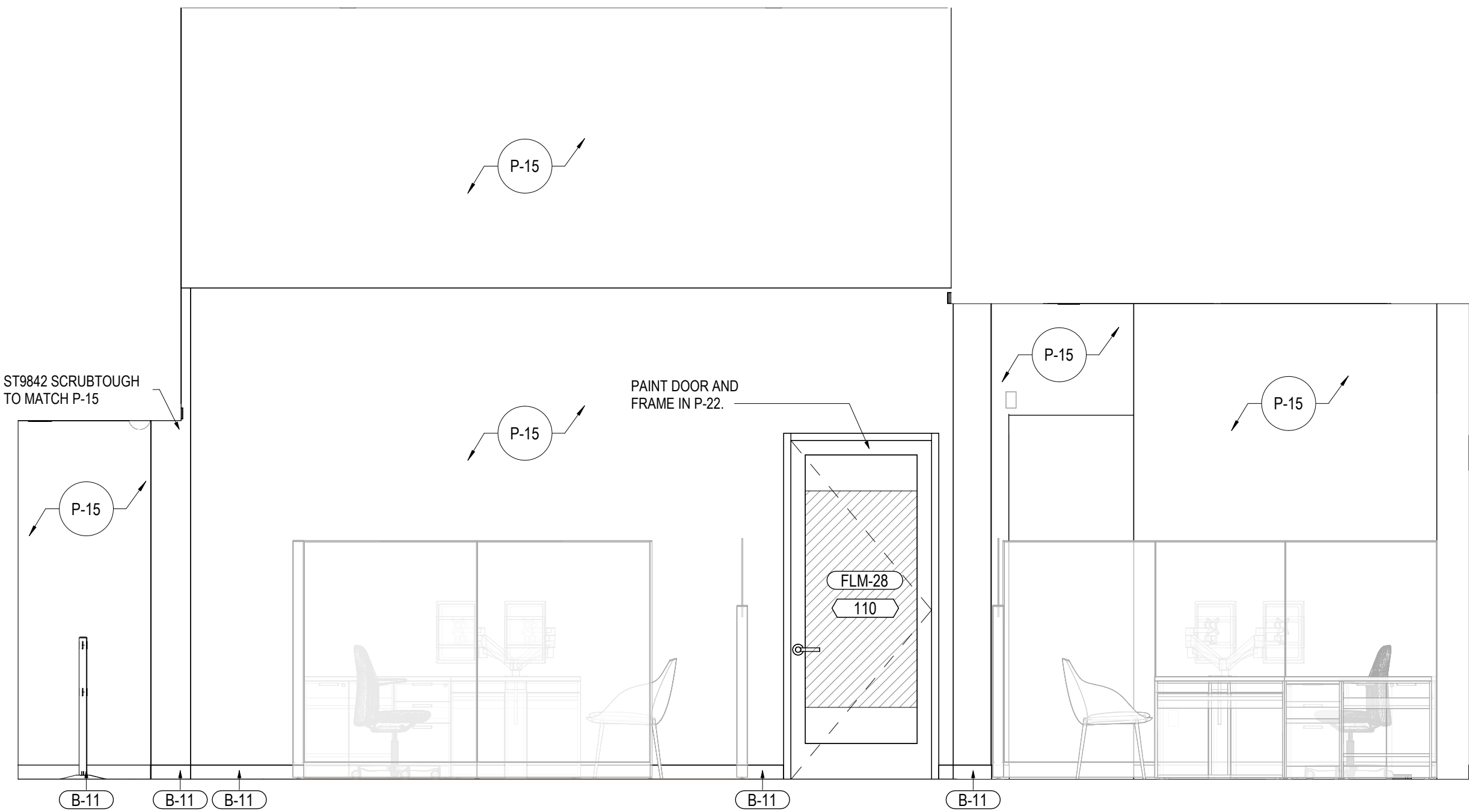
03



CENTRAL ZONE WEST ELEVATION

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

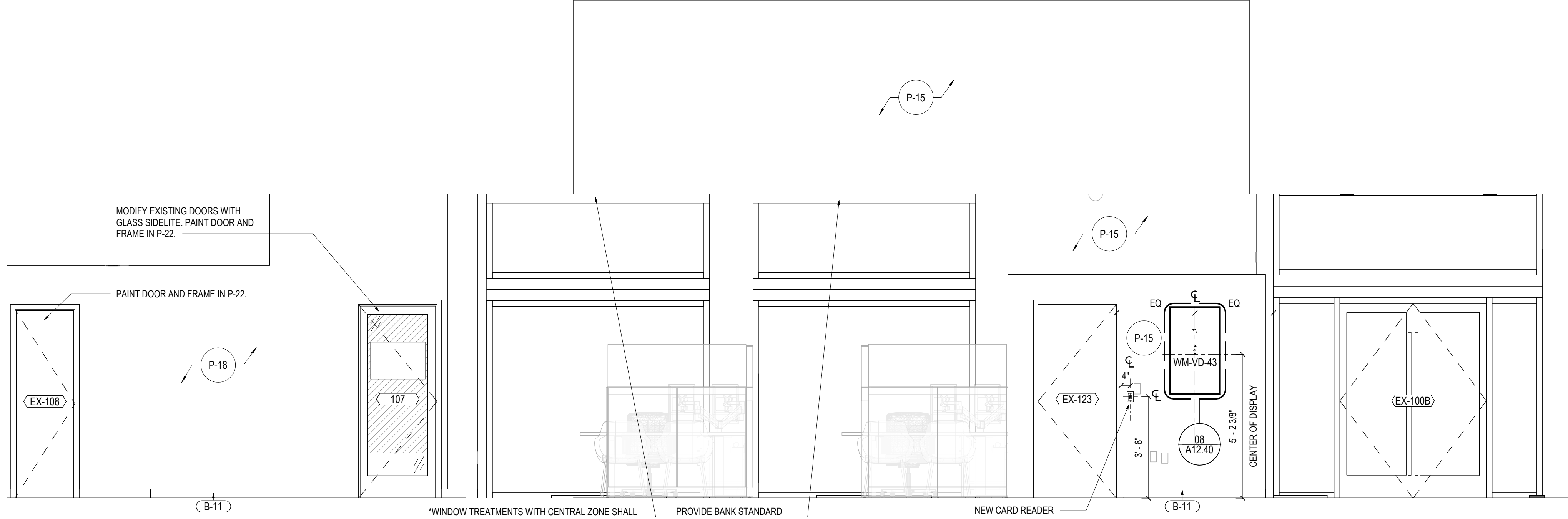
01



CENTRAL ZONE EAST ELEVATION

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

04



CENTRAL ZONE SOUTH ELEVATION

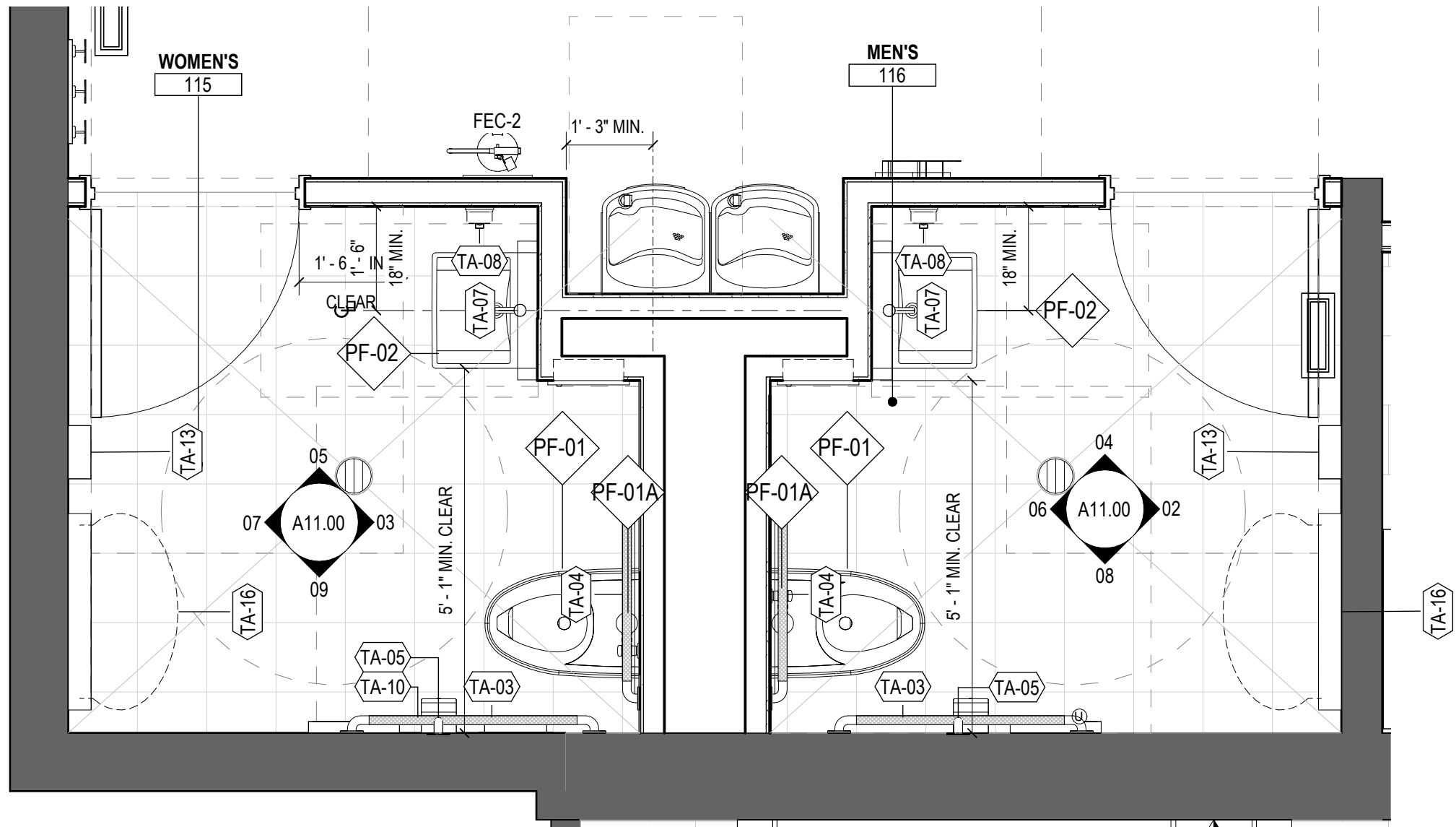
SCALE: 3/8" = 1'-0"

02

7/12/2024 5:56:12 PM Autodesk Docs\\059.8400.015 - Bath REP - NYC-225 Meadow Hill\\NY-6-225 Meadow Hill_059.8400.015.rvt

MARK	ACCESSORY NAME	MANUFACTURER	DESCRIPTION	MOUNTING HT.
TA-02		Bobrick Washroom Equipment, Inc.	B-359039	
TA-03	HORIZONTAL GRAB BAR	BOBRICK WASHROOM EQUIPMENT, AMERICAN SPECIALTIES INC., BRADLEY	1.5" DIAMETER, STAINLESS STEEL - SATIN FINISH WITH SLIP RESISTANT TEXTURE IN GRIP AREA	REFER TO ACCESSIBILITY DETAILS
TA-04	HORIZONTAL GRAB BAR	BOBRICK WASHROOM EQUIPMENT, AMERICAN SPECIALTIES INC., BRADLEY	1.5" DIAMETER, STAINLESS STEEL - SATIN FINISH WITH SLIP RESISTANT TEXTURE IN GRIP AREA	REFER TO ACCESSIBILITY DETAILS
TA-05	VERTICAL GRAB BAR	BOBRICK WASHROOM EQUIPMENT, AMERICAN SPECIALTIES INC., BRADLEY	1.5" DIAMETER, STAINLESS STEEL - SATIN FINISH WITH SLIP RESISTANT TEXTURE IN GRIP AREA	REFER TO ACCESSIBILITY DETAILS
TA-06	UTILITY HOOK	BOBRICK WASHROOM EQUIPMENT, AMERICAN SPECIALTIES INC., BRADLEY	2" X 2" X 2", STAINLESS STEEL, SATIN FINISH	REFER TO ACCESSIBILITY DETAILS
TA-07	BACKLIT MIRROR	AAMSCO	MLWC4024, MIRROR LUX LED WHEELCHAIR MIRROR, SIZE: 40" H X 24" W	REFER TO ACCESSIBILITY DETAILS
TA-08	SOAP DISPENSER OPT#1	GEORGIA PACIFIC	ENMOTION GEN2, AUTOMATED TOUCHLESS SOAP DISPENSER	REFER TO ACCESSIBILITY DETAILS
TA-09	SANITARY NAPKIN DISPOSAL - OPT#1	BOBRICK WASHROOM EQUIPMENT, AMERICAN SPECIALTIES INC., BRADLEY	HEAVY GAUGE STAINLESS STEEL, SATIN FINISH	REFER TO ACCESSIBILITY DETAILS
TA-10	TOILET PAPER		B-2888, STAINLESS STEEL	REFER TO ACCESSIBILITY DETAILS
TA-12	UNDERLAVATORY GUARDS		WHITE, SOFT, RESILIENT MOLDED VINYL	REFER TO ACCESSIBILITY DETAILS
TA-13	HAND DRYER - OPT#2	Dyson	AIRBLADE V SERIES - HU02	REFER TO ACCESSIBILITY DETAILS
TA-14	TRASH RECEPTACLE	BOBRICK WASHROOM EQUIPMENT	B-35633, RECESSED WASTE RECEPTACLE WITH DISPOSAL DOOR	REFER TO ACCESSIBILITY DETAILS
TA-16	BABY CHANGING STATION	KOALA KARE	KB208, GREY	REFER TO ACCESSIBILITY DETAILS
TA-17	TOILET SEAT COVER DISPENSER - OPT #1	BOBRICK	CONTURA SERIES; B-4221	REFER TO ACCESSIBILITY DETAILS

MARK	FIXTURE NAME	MANUFACTURER	DESCRIPTION	MOUNTING HEIGHT
PF-01	WATER CLOSET - WALL HUNG - OPT#1	KOHLER	KINGSTON ULTRA; TOP SPUD FLUSHOMETER BOWL	REFER TO ACCESSIBILITY DETAILS
PF-01A	AUTOMATIC FLUSHOMETER	KOHLER	ECOS EXPOSED SENSOR WATER CLOSET FLUSHOMETER; ECOS- 811	REFER TO ACCESSIBILITY DETAILS
PF-02	RESTROOM SINK - WALL MOUNTED - OPT#1	AMERICAN STANDARD	WALL-HUNG LAVATORY WITH EVERCLEAN; 9024.000EC CHO	REFER TO ACCESSIBILITY DETAILS
PF-05		SLOAN	EAF-250	REFER TO ACCESSIBILITY DETAILS
PF-06	HI-LO DRINKING FOUNTAIN - OPT#1	ELKAY	EZSTL8WSLK; EZH20 BOTTLE FILLING STATION & VERSATILE BI-LEVEL ADA COOLER	REFER TO ACCESSIBILITY DETAILS



ENLARGED RESTROOM PLAN

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

01

GENERAL NOTES

- A. FOR FINISH SCHEDULE REFER TO A00.30.
B. REFER TO SPECIFICATIONS MANUAL FOR TOILET ACCESSORY PRODUCT INFORMATION.
C. CONTRACTOR TO PROVIDE BLOCKING IN WALLS FOR ALL TOILET ROOM ACCESSORIES, AS REQUIRED.
D. CONTRACTOR TO PROVIDE IN-WALL BLOCKING FOR SINK, TOILET, AND URINAL, AS REQUIRED.
E. USE MOISTURE AND MOLD-RESISTANT GYPSUM BOARD BEHIND TOILET AND LAVATORY.
F. REFER TO ACCESSIBILITY PAGE FOR ACCESSORY MOUNTING HEIGHTS

LEGEND

- EQUIPMENT WITHOUT POWER SUPPLY
◇ EQUIPMENT WITH POWER SUPPLY

MEDIUM RENOVATION

1414 NY-300

Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225

NRSP VERSION: 4.0

BULLETIN: 01-2023

DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States

Tel 704.377.2725
Fax 704.377.2807

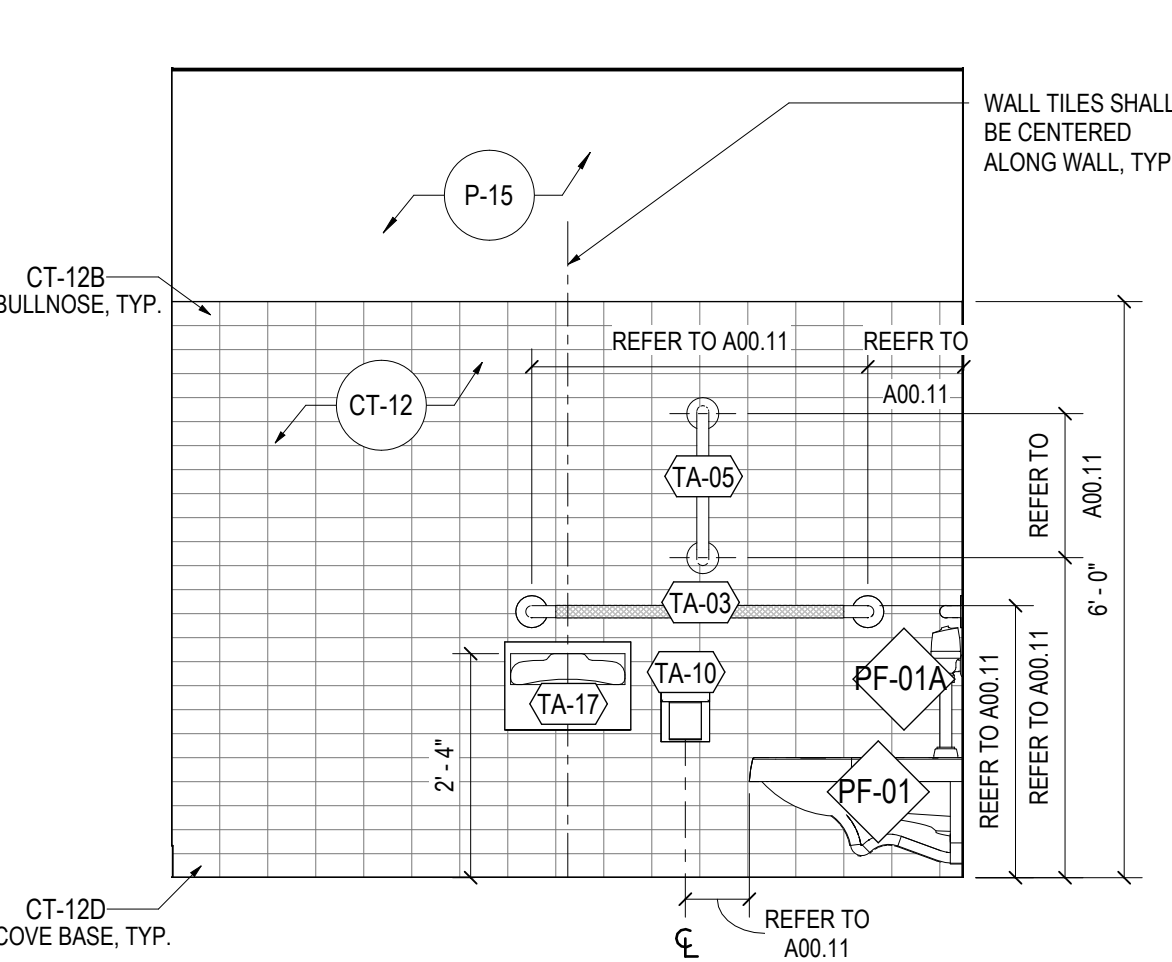
CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA
FRENCH & PARRELLO
ASSOCIATES

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Goema, PE
Amin.Goema@FPAengineers.com
Tel 732-312-9873

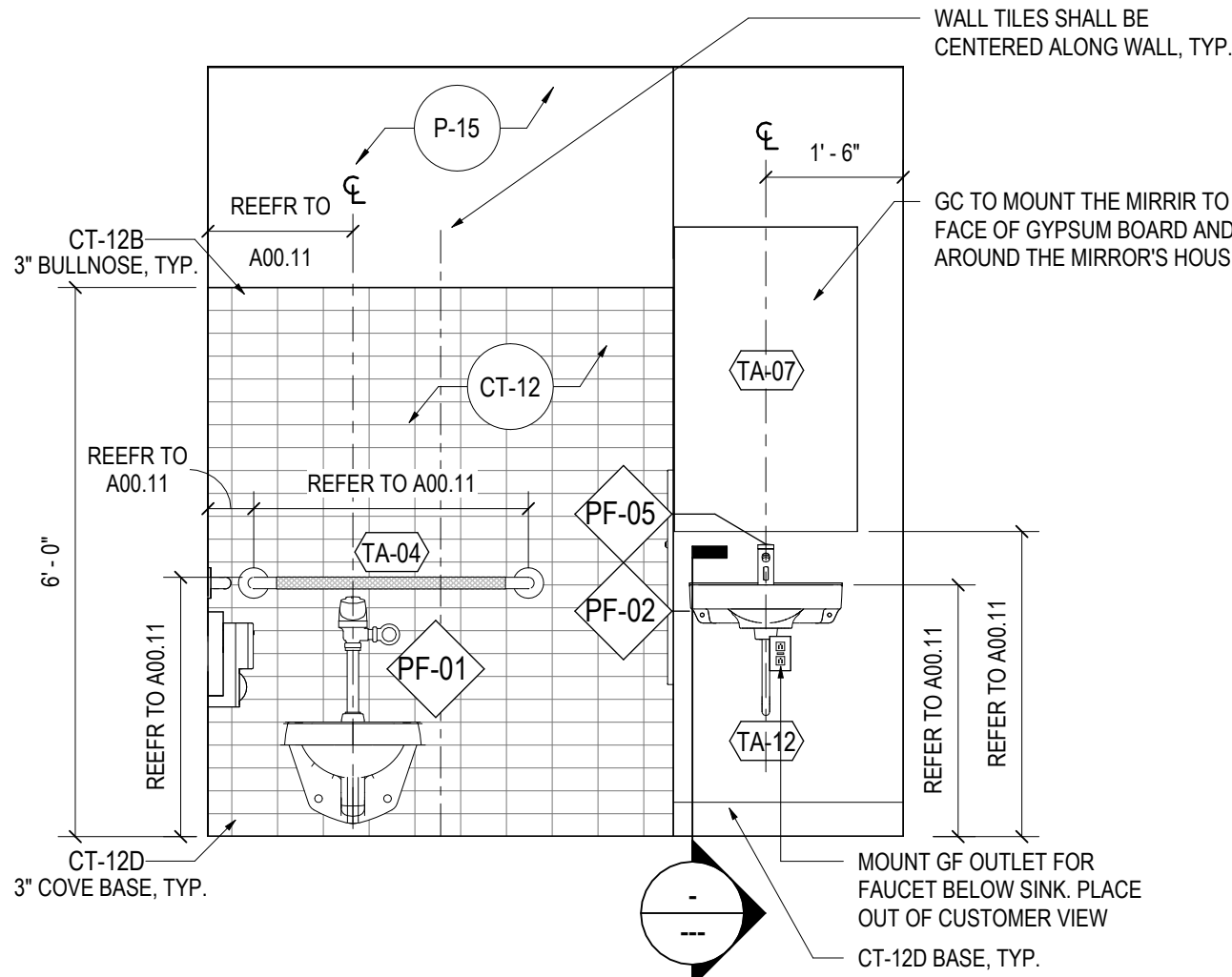
Date	Description
04.01.2024	ISSUE FOR SCHEMATIC DESIGN
04.01.2024	60% DESIGN DEVELOPMENT
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET



ELEVATION - MEN'S SOUTH

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

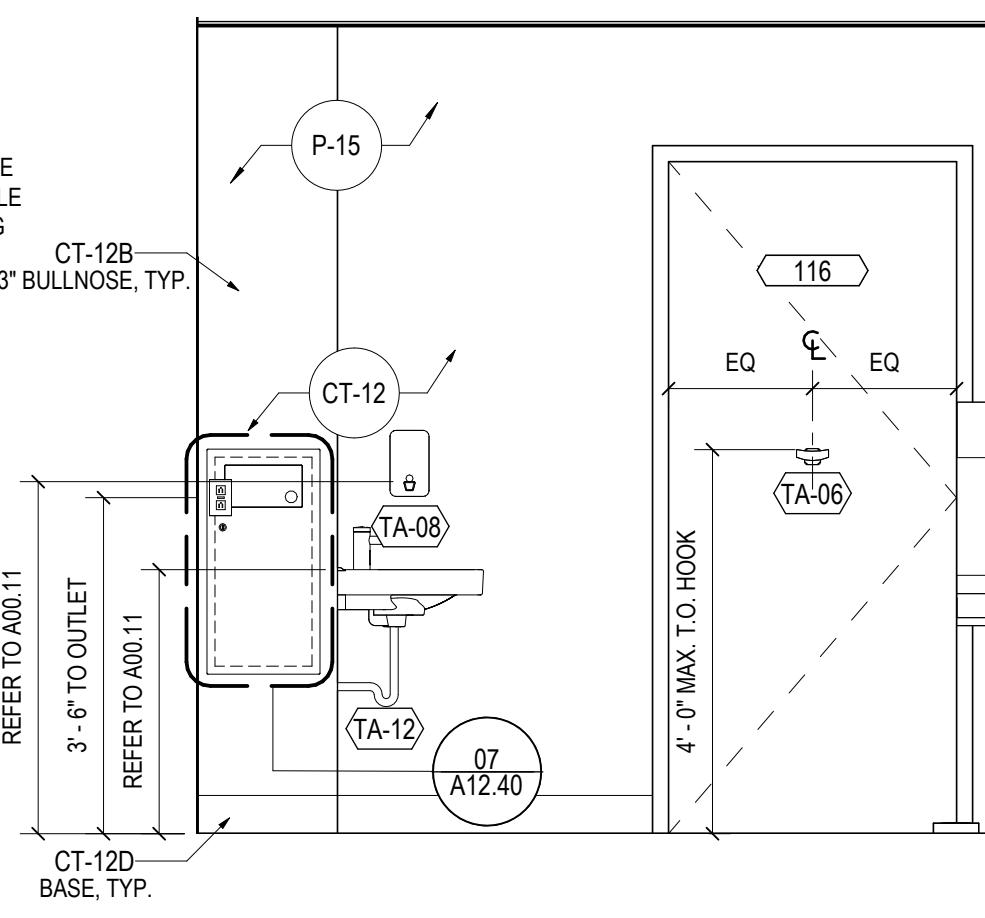
08



ELEVATION - MEN'S WEST

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

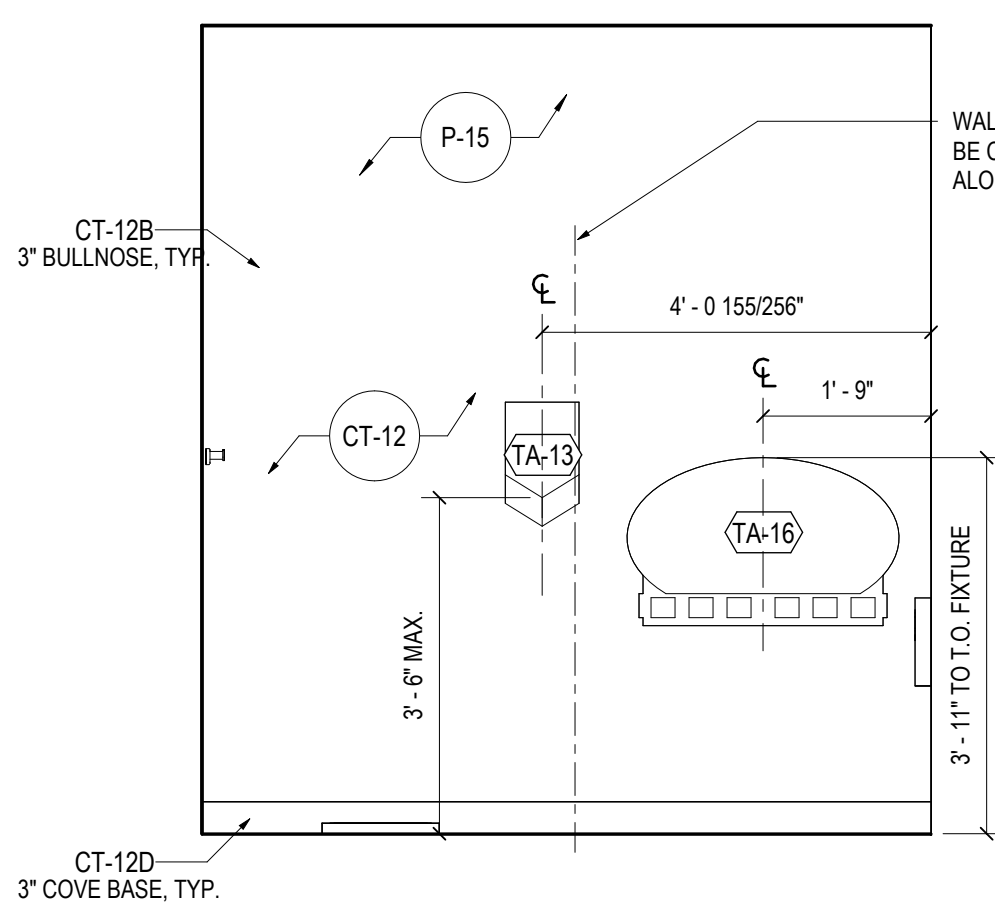
06



ELEVATION - MEN'S NORTH

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

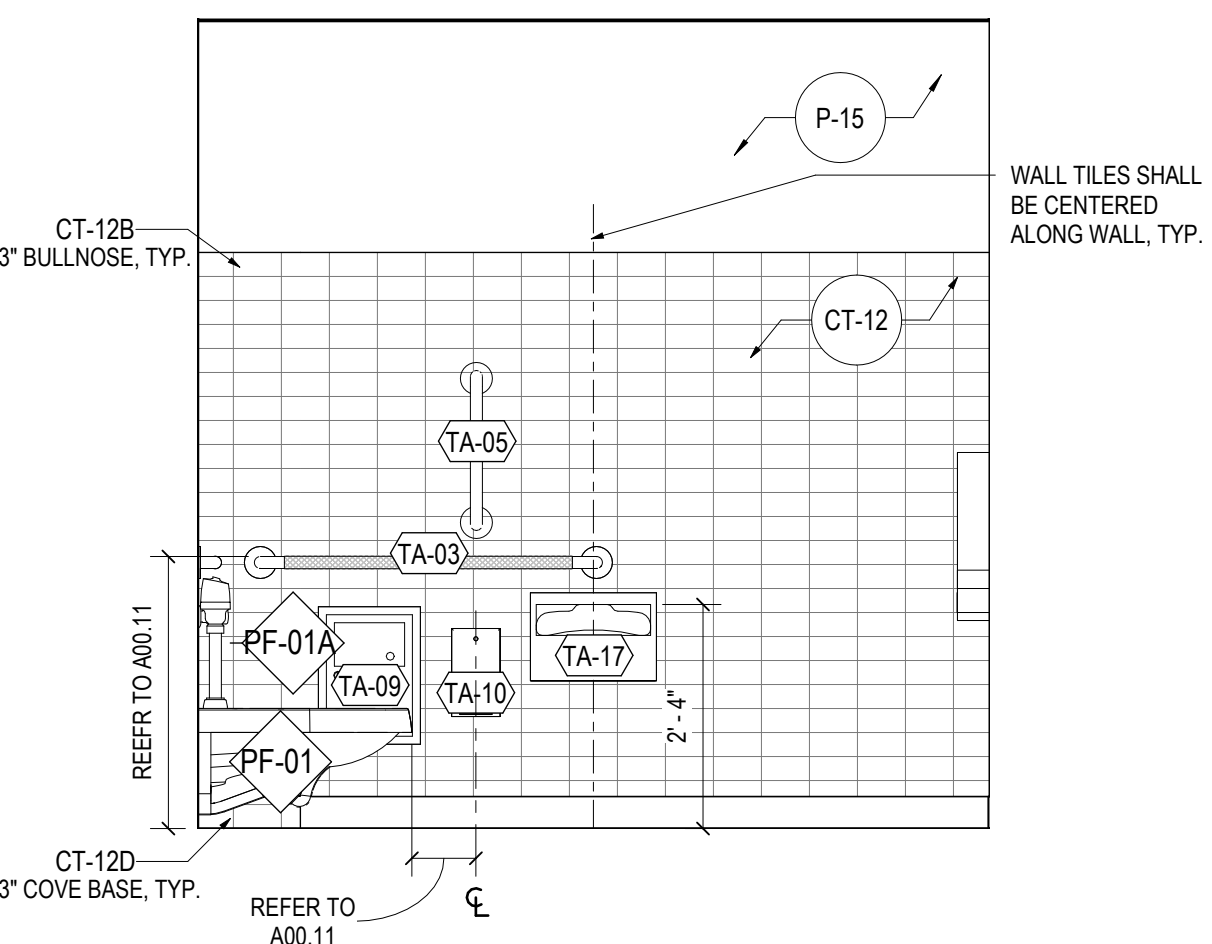
04



ELEVATION - MEN'S EAST

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

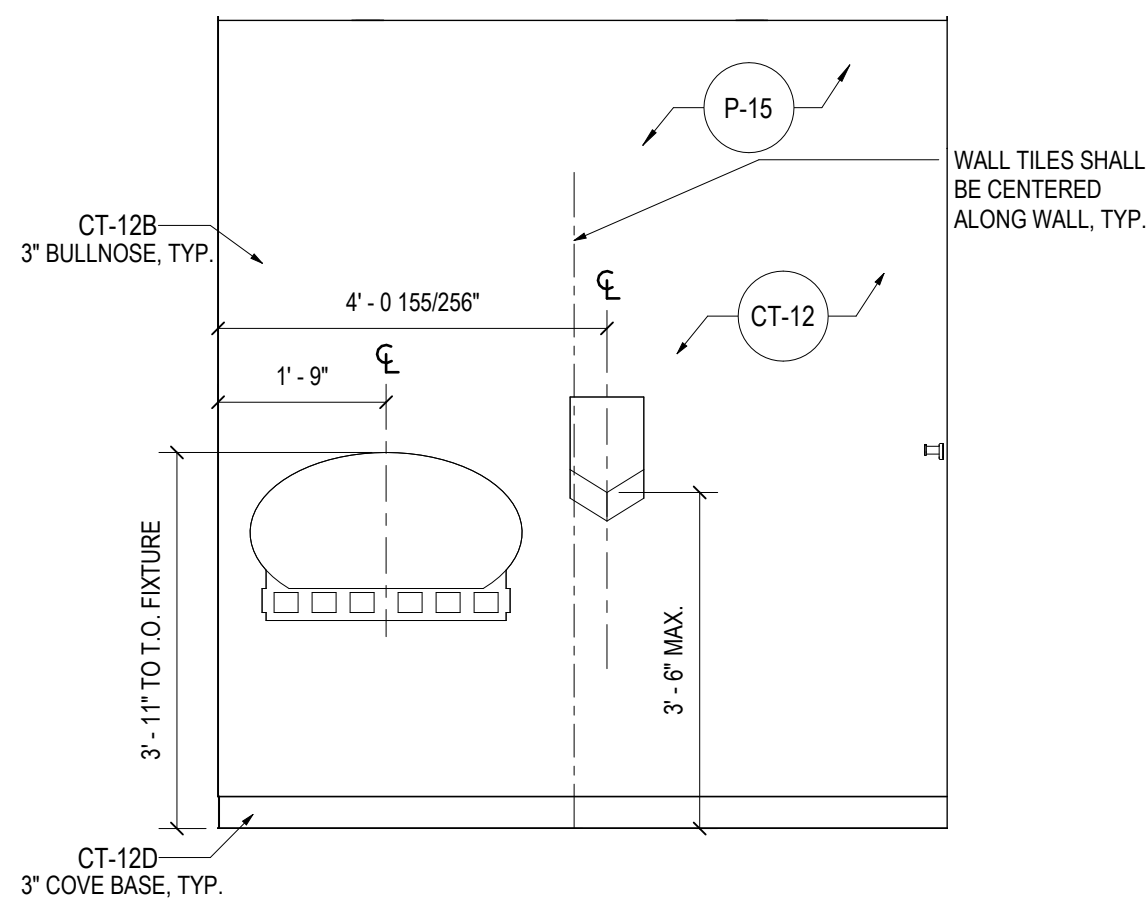
02



ELEVATION - WOMEN'S SOUTH

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

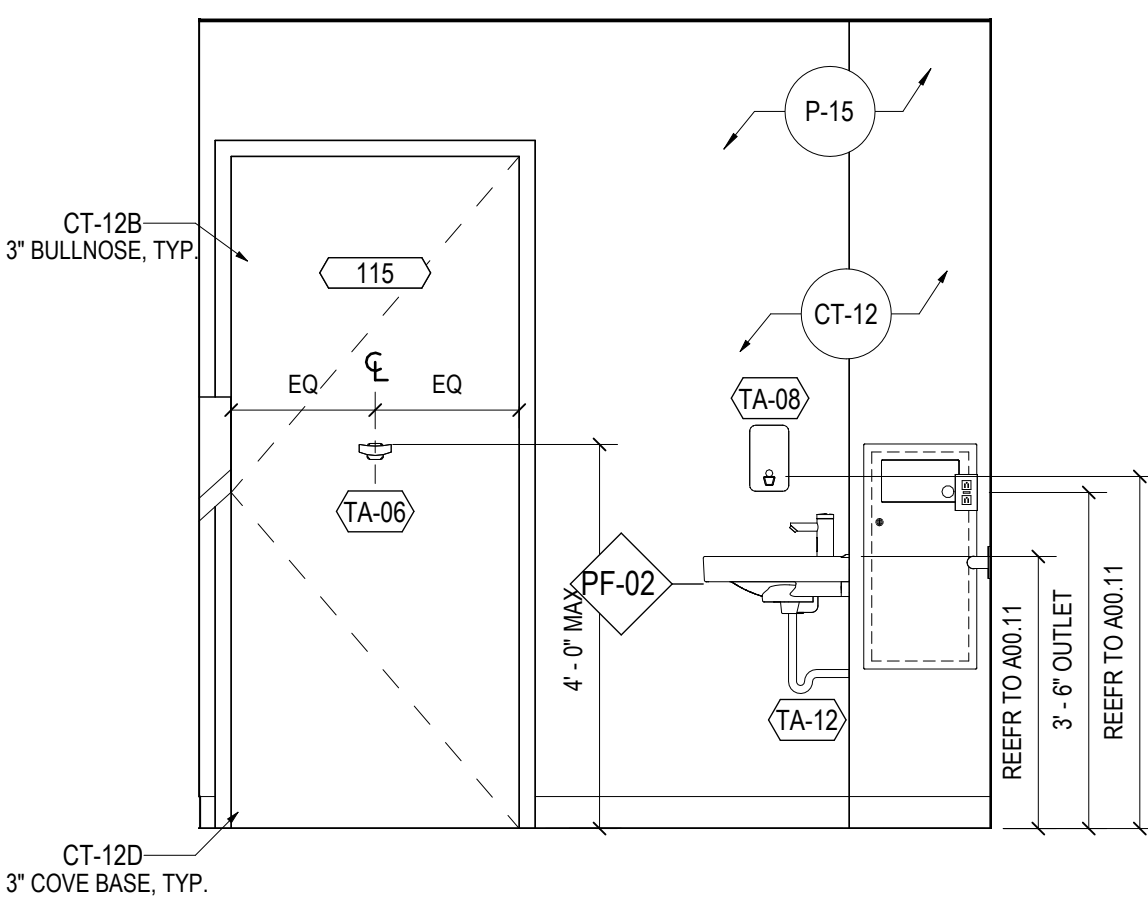
09



ELEVATION - WOMEN'S WEST

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

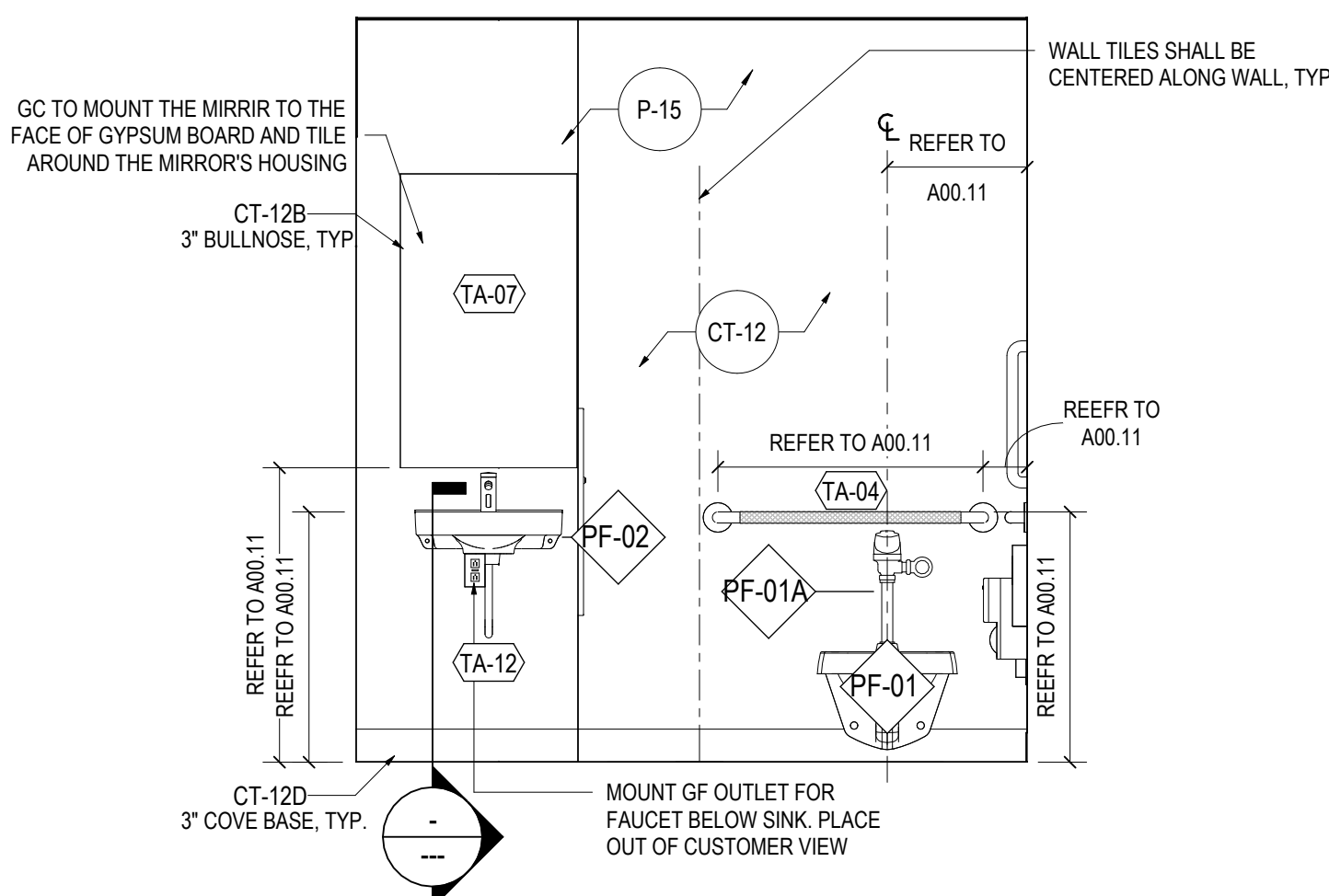
07



ELEVATION - WOMEN'S NORTH

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

05



ELEVATION - WOMEN'S EAST

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

03

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

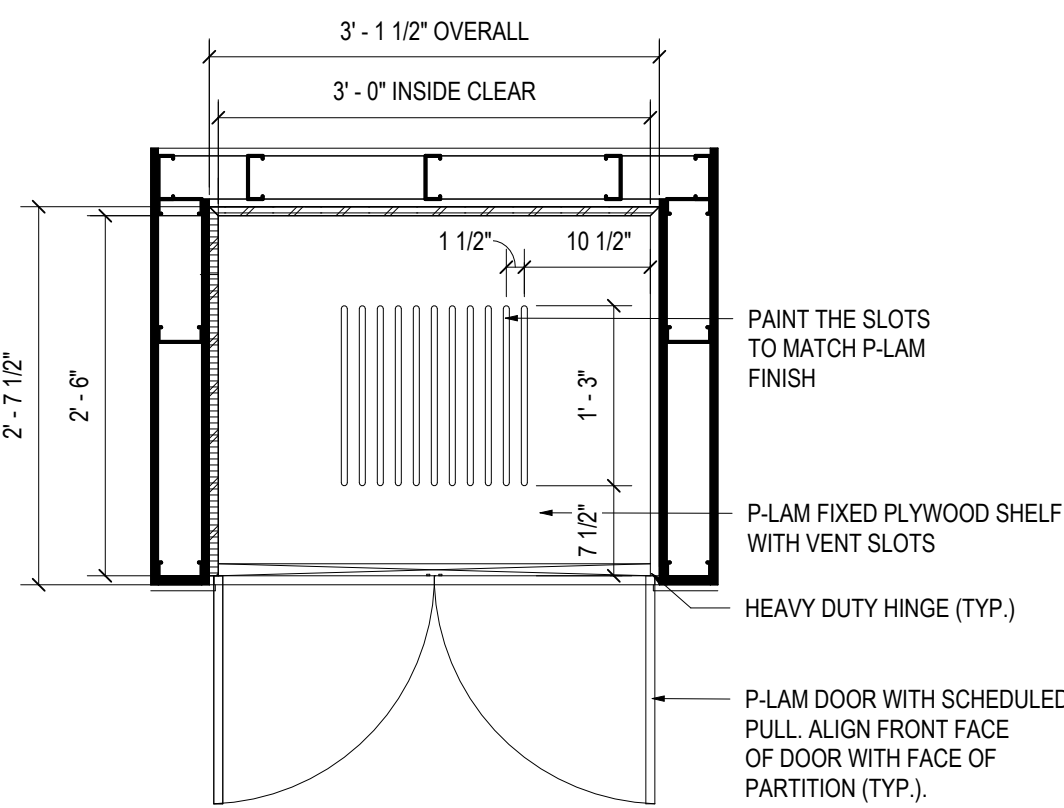
ENLARGED PLANS AND INTERIOR
ELEVATIONS

Scale

As indicated

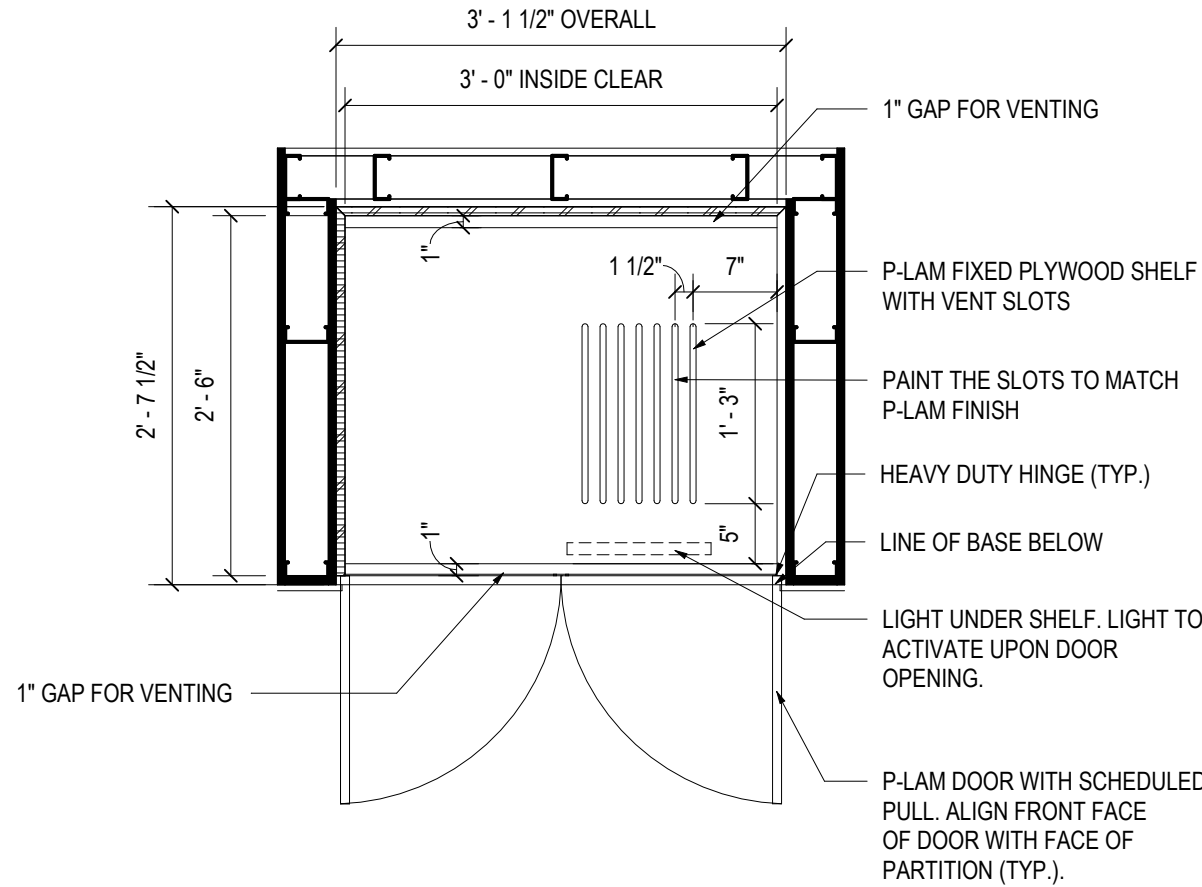
A11.00

7/12/2024 5:55:16 PM Autodesk Docs\\059.8400.015 - BdrA RPP - NYC-225 Meadow Hill\\NY6-225_Meadow Hill_059.8400.015.rvt



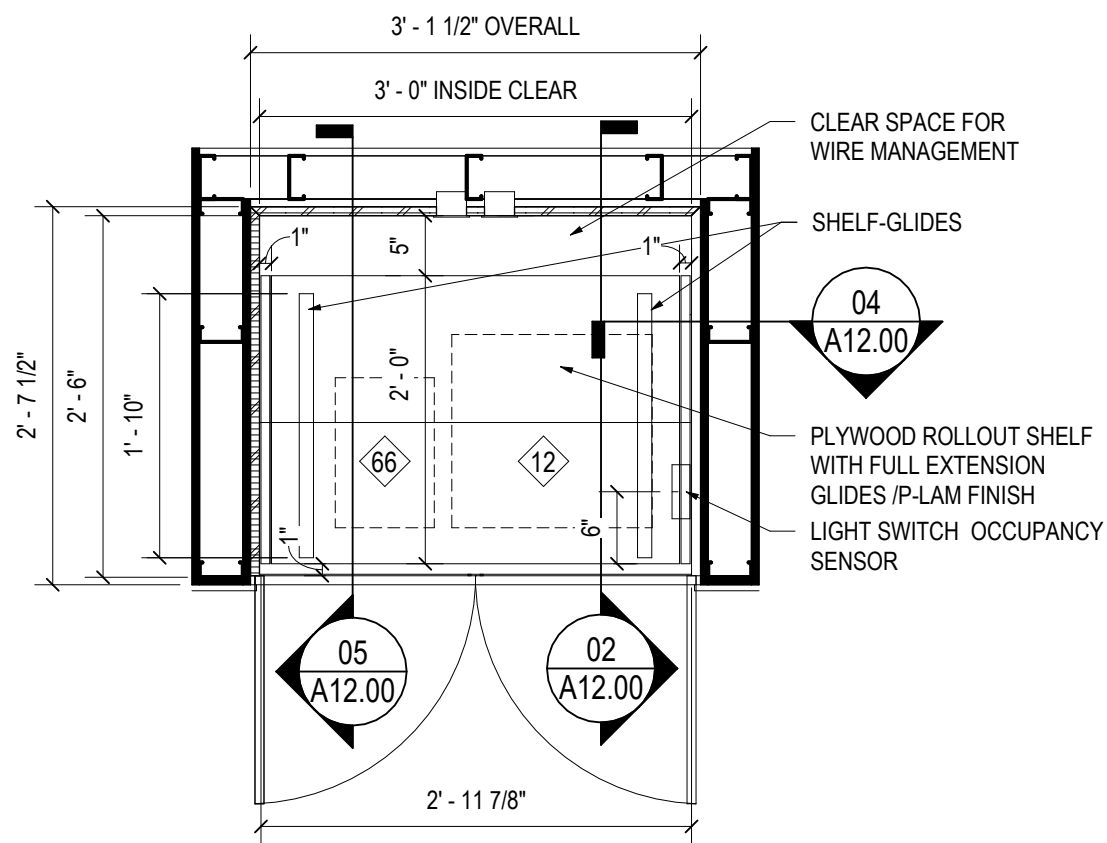
MW01 - PRINTER CAB. TOP
SCALE: 3/4\" = 1'-0"

09



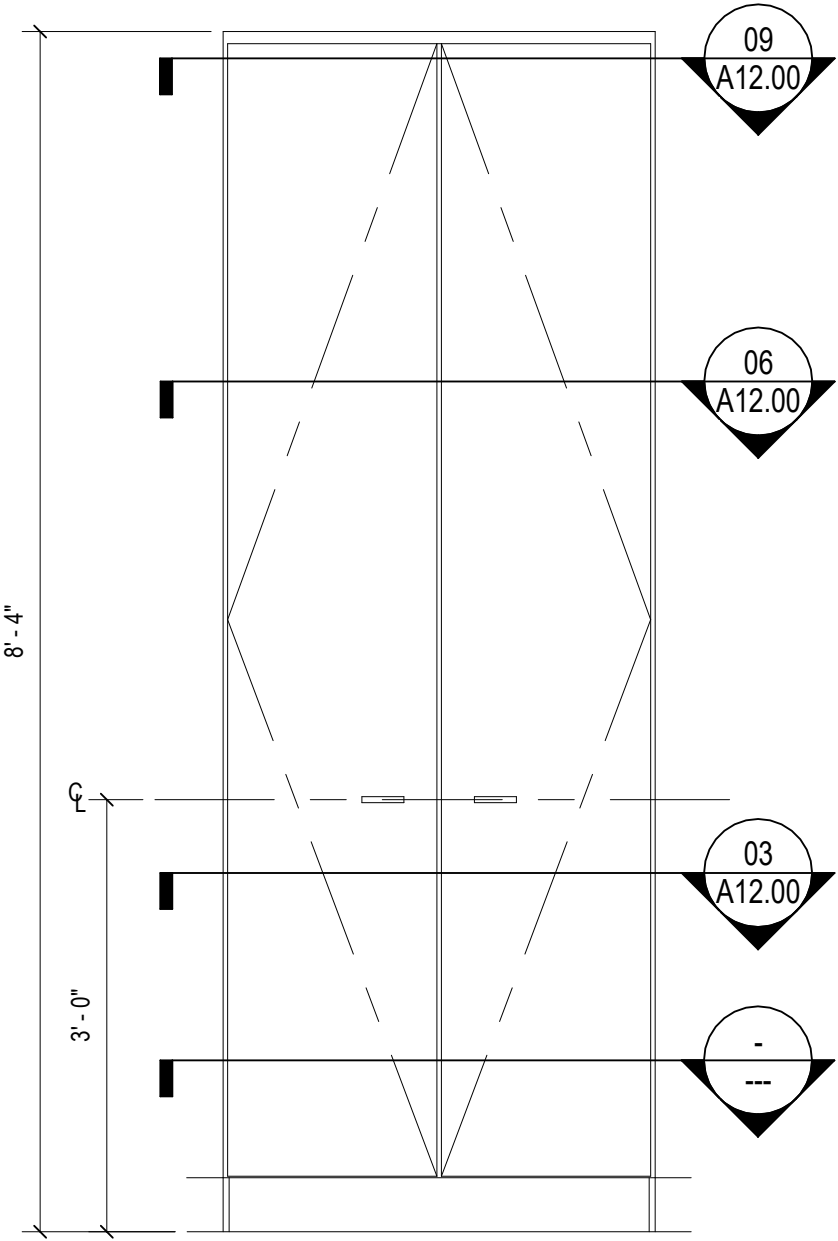
MW01 - PRINTER CAB. TOP SHELF
SCALE: 3/4\" = 1'-0"

06



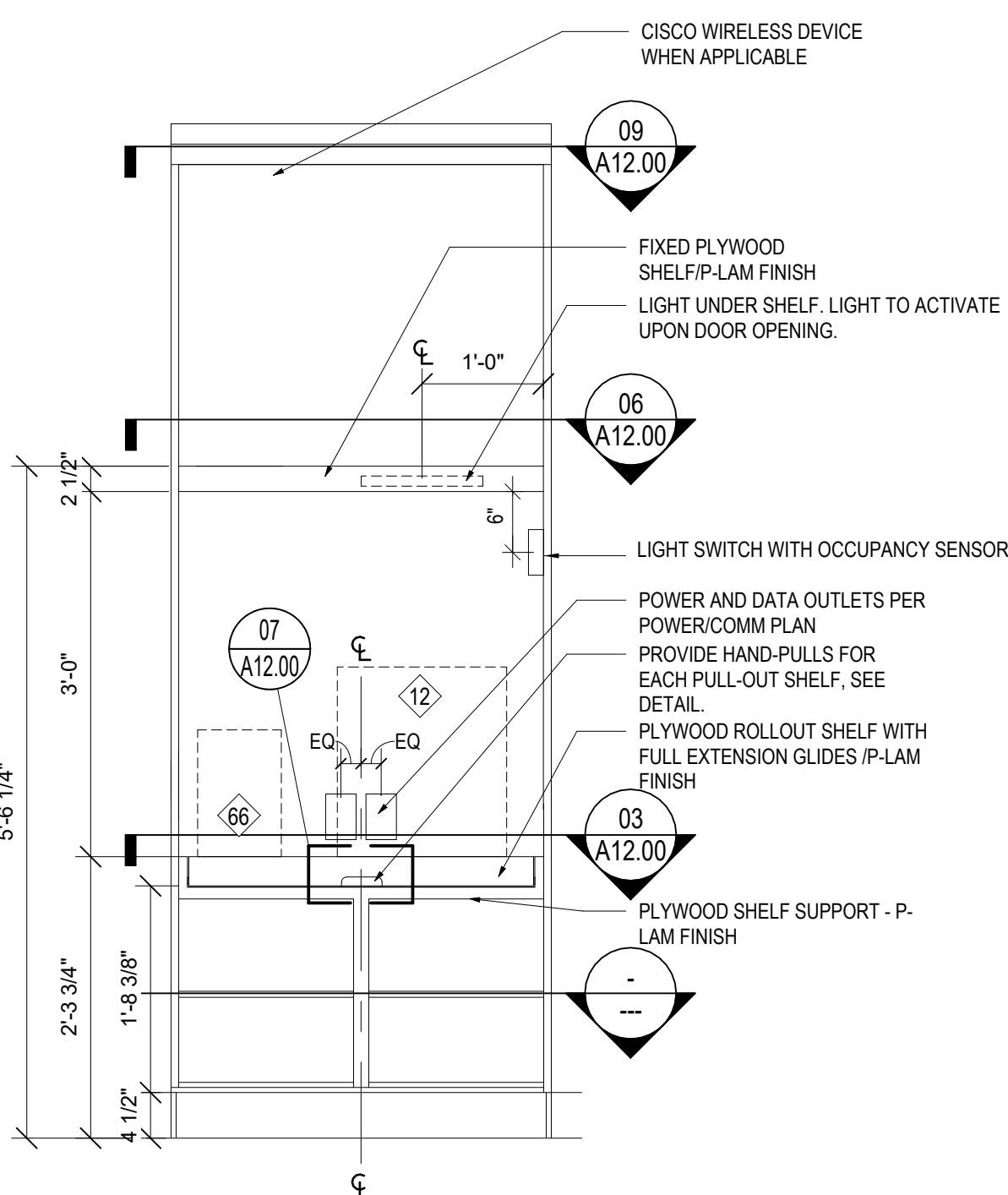
MW01 - PRINTER CAB. BOTTOM SHELF
SCALE: 3/4\" = 1'-0"

03



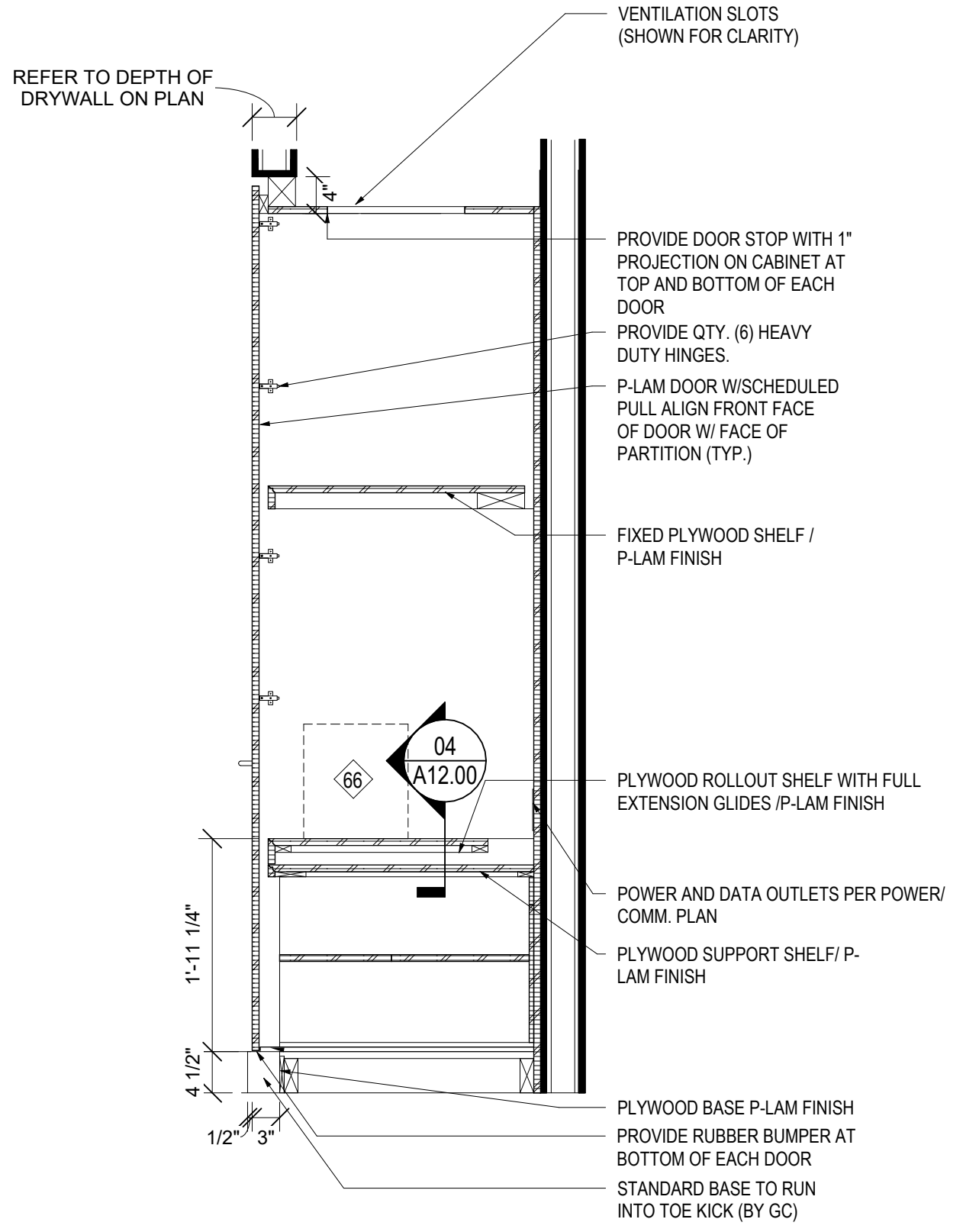
MW01 - PRINTER CAB. ELEVATION EXTERIOR
SCALE: 3/4\" = 1'-0"

10



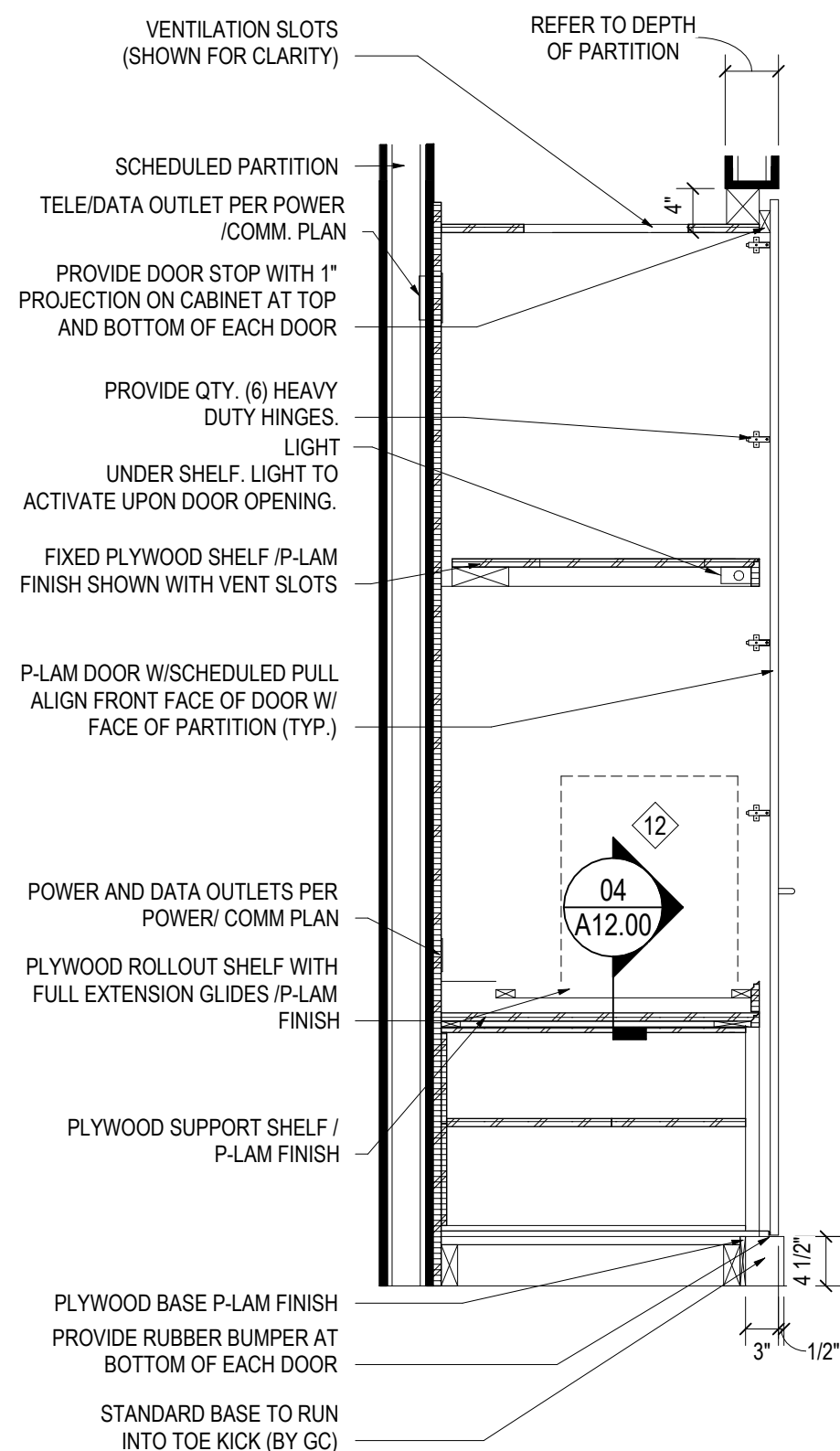
MW01 - PRINTER CAB. ELEVATION INTERIOR
SCALE: 3/4\" = 1'-0"

08



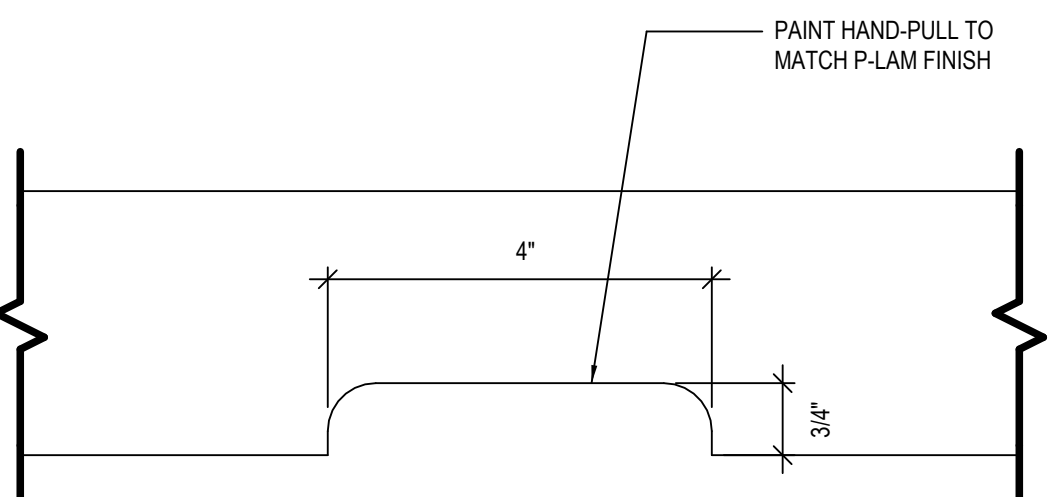
MW01 - PRINTER CAB. SECTION LEFT SIDE
SCALE: 3/4\" = 1'-0"

05



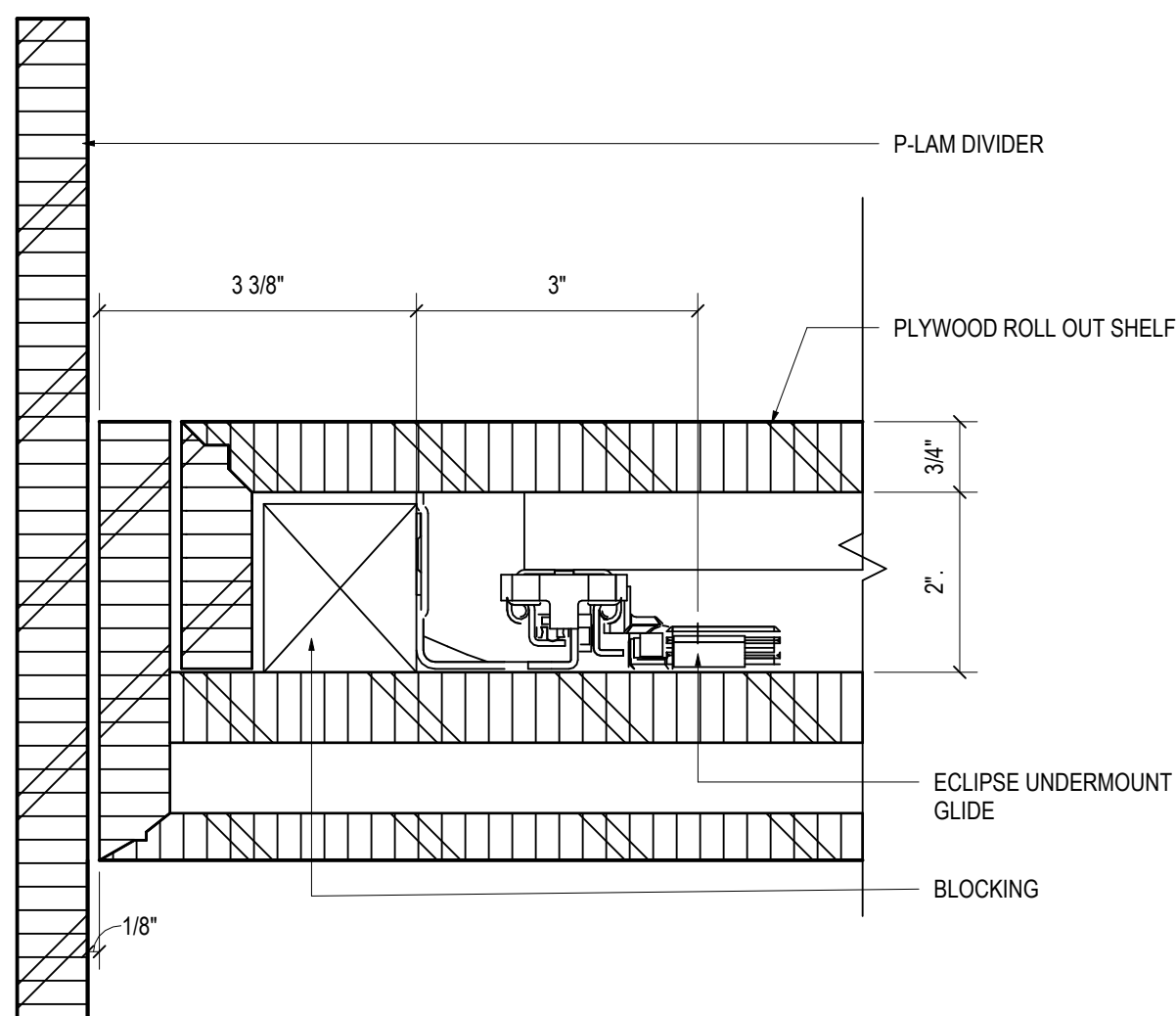
MW01 - PRINTER CAB. SECTION RIGHT SIDE
SCALE: 3/4\" = 1'-0"

02



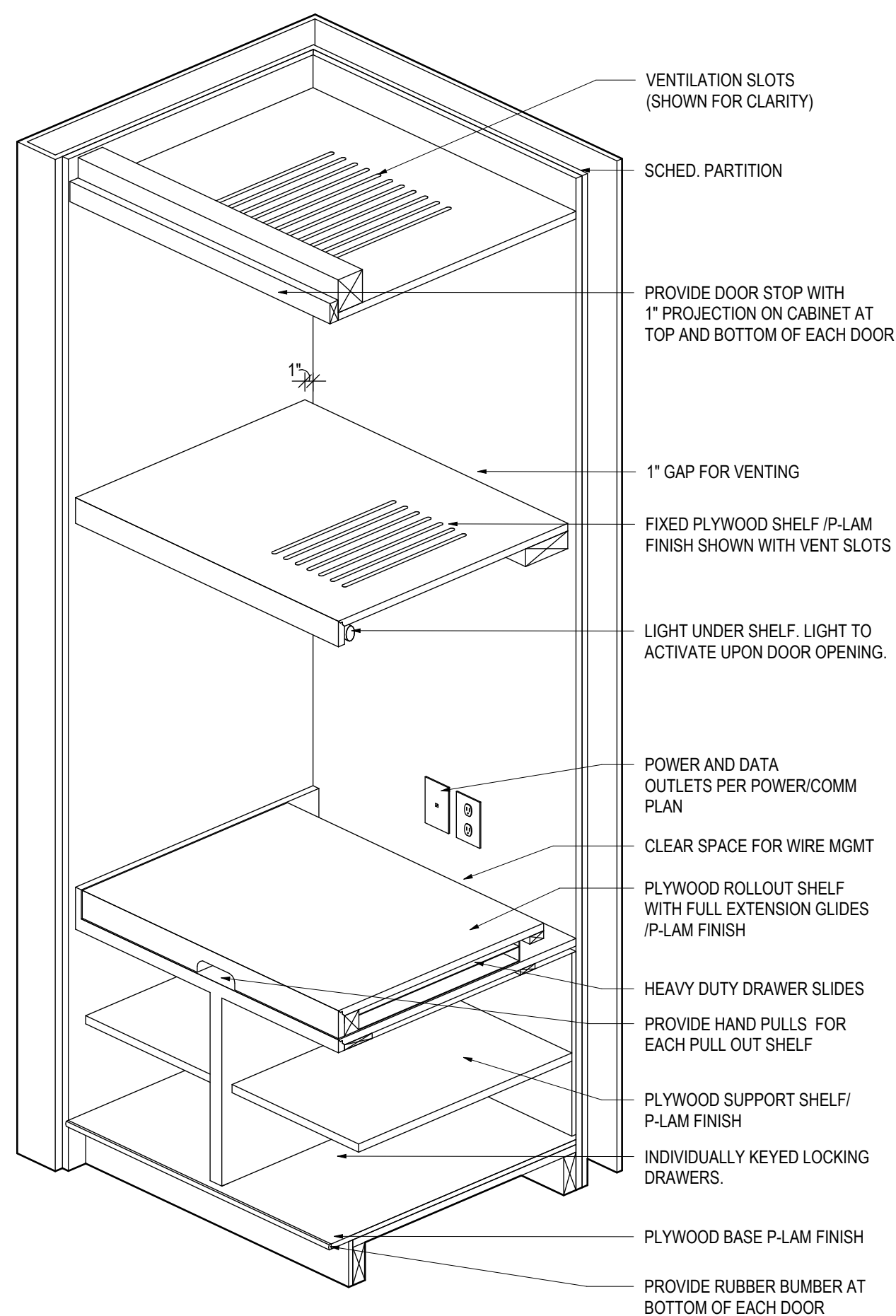
HAND-PULL DETAIL
SCALE: 6\" = 1'-0"

07



SHELF GLIDE DETAIL
SCALE: 6\" = 1'-0"

04



MW01 - ISONOMETRIC DETAIL
SCALE: 1\" = 1'-0"

01

SHEET NOTES

GENERAL NOTES

- FINISH THE INTERIOR OF ENCLOSED MILLWORK CABINETS WITH WHITE MELAMINE, UNLESS NOTED OTHERWISE. CABINETS WITH OPEN SHELVING TO BE PLASTIC LAMINATE, UNLESS NOTED OTHERWISE.
- ALL EXPOSED SURFACES OF MILLWORK TO BE PLASTIC LAMINATE, UNLESS NOTED OTHERWISE.
- PROVIDE A SIDE SPLASH FOR ALL MILLWORK COUNTERS THAT BUT UP TO A WALL.

LEGEND

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA FRENCH & PARRELLO ASSOCIATES

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Gooma, PE
Amin.Gooma@FPAengineers.com
Tel 732.312.9873

Date	Description
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

**NOT FOR
CONSTRUCTION**

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

MILLWORK - MW01

Scale

As indicated

A12.00

1414 NY-300
Newburgh, NY 12550

SERIAL NUM./MANH. ID:	NY6-225
NRSP VERSION:	4.0
BULLETIN:	01-2023
DOB NUMBER:	XXX-XXX

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Gooma, PE
Amin.Gooma@FPAengineers.com
Tel 732-312-9873

- A. CONTRACTOR TO PROVIDE FILLER PANELS AS NECESSARY TO SCRIBE TO WALLS AT EITHER END OF TELLER LINE. V.I.F. FILLER PANELS SHALL BE EQUALLY SIZED AT EACH END.
- B. TELLER LINE MODULES AND UNDER COUNTER STEEL ARE TO BE INSTALLED DIRECTLY ON TOP OF CONCRETE SLAB.
- C. TELLER MODULES PROVIDED BY OWNER'S VENDOR.
- D. REFERENCE PLANS FOR PROJECT SPECIFIC TELLER COUNT.

△	Date	Description
	05.28.2024	90% DESIGN DEVELOPMENT SET
	06.17.2024	100% DESIGN DEVELOPMENT SET
-	07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

**NOT FOR
CONSTRUCTION**

Project Name

MEADOW HILL

Project Number
059.8400.015

Description
CSR LINE AND DETAILS

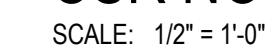
Scale
As indicated

A12.10

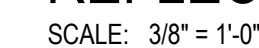
© 2023 Gensler



03



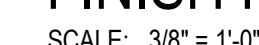
06



04



0.



05

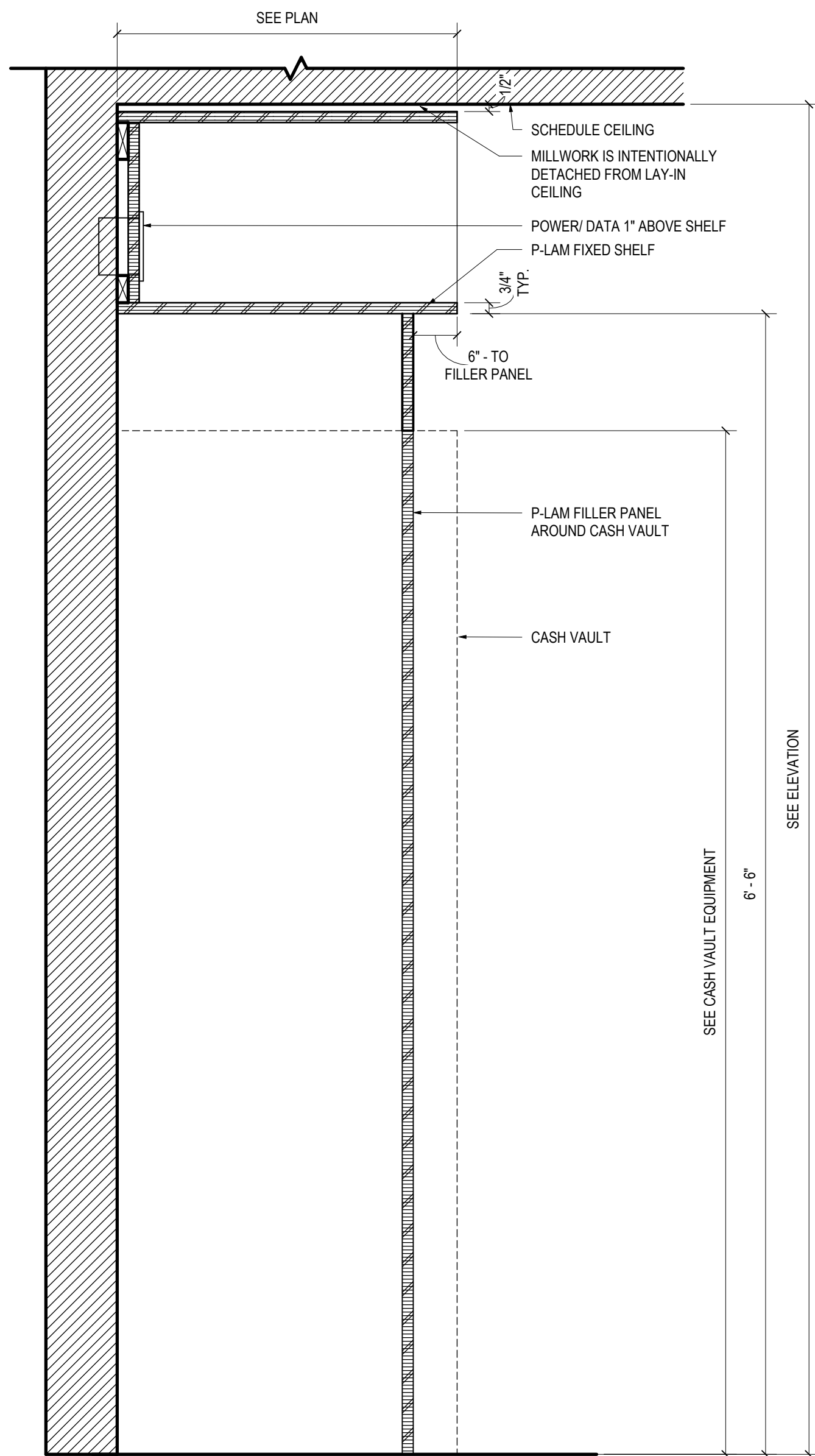


02



07

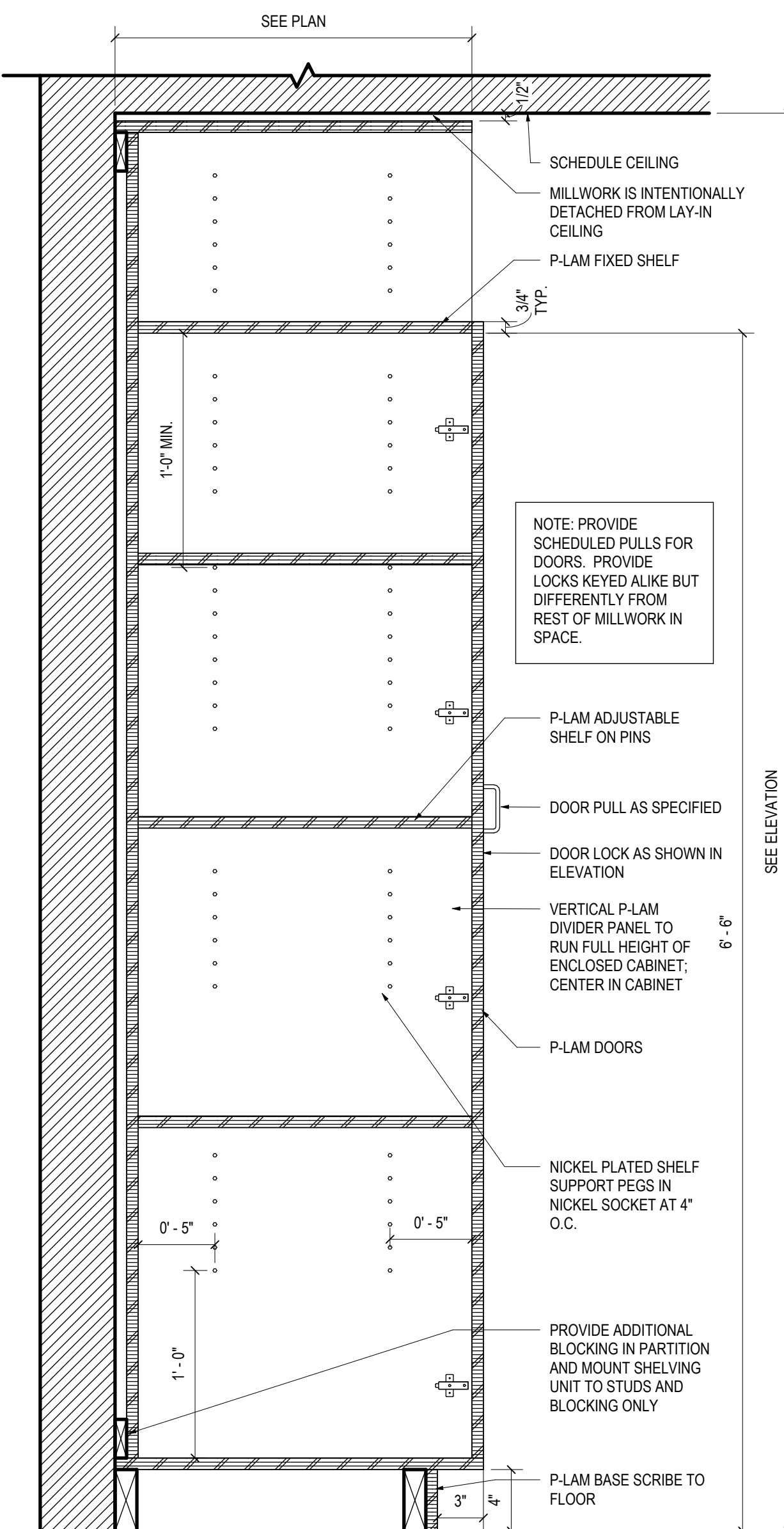
7/12/2024 5:57:15 PM Autodesk Docs\\059.8400.015 - Bank RFP - NYC-225 Meadow Hill\\NY6-225_Meadow Hill_059.8400.015.rvt



CASH VAULT MILLWORK

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

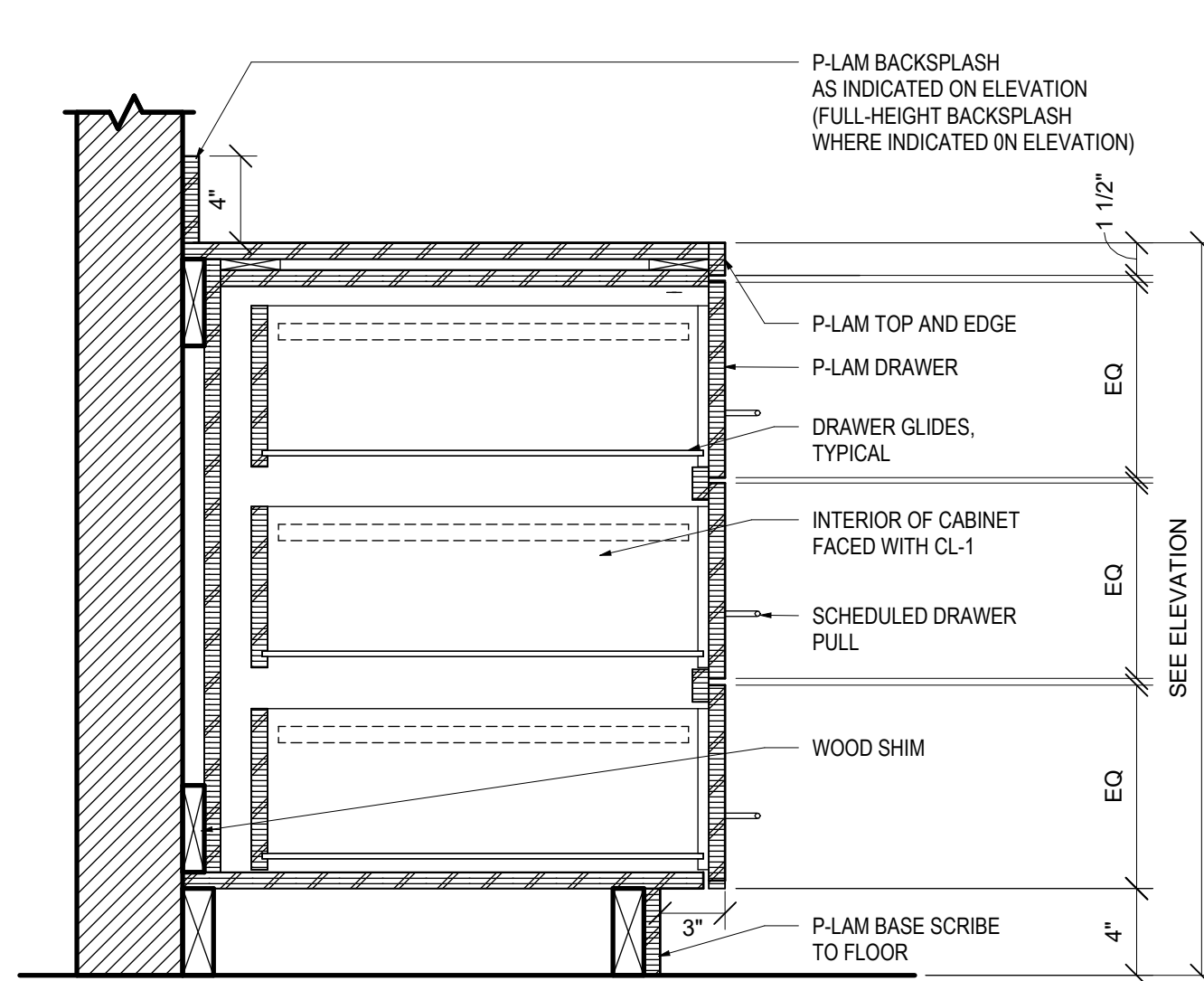
11



SECURE CABINET

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

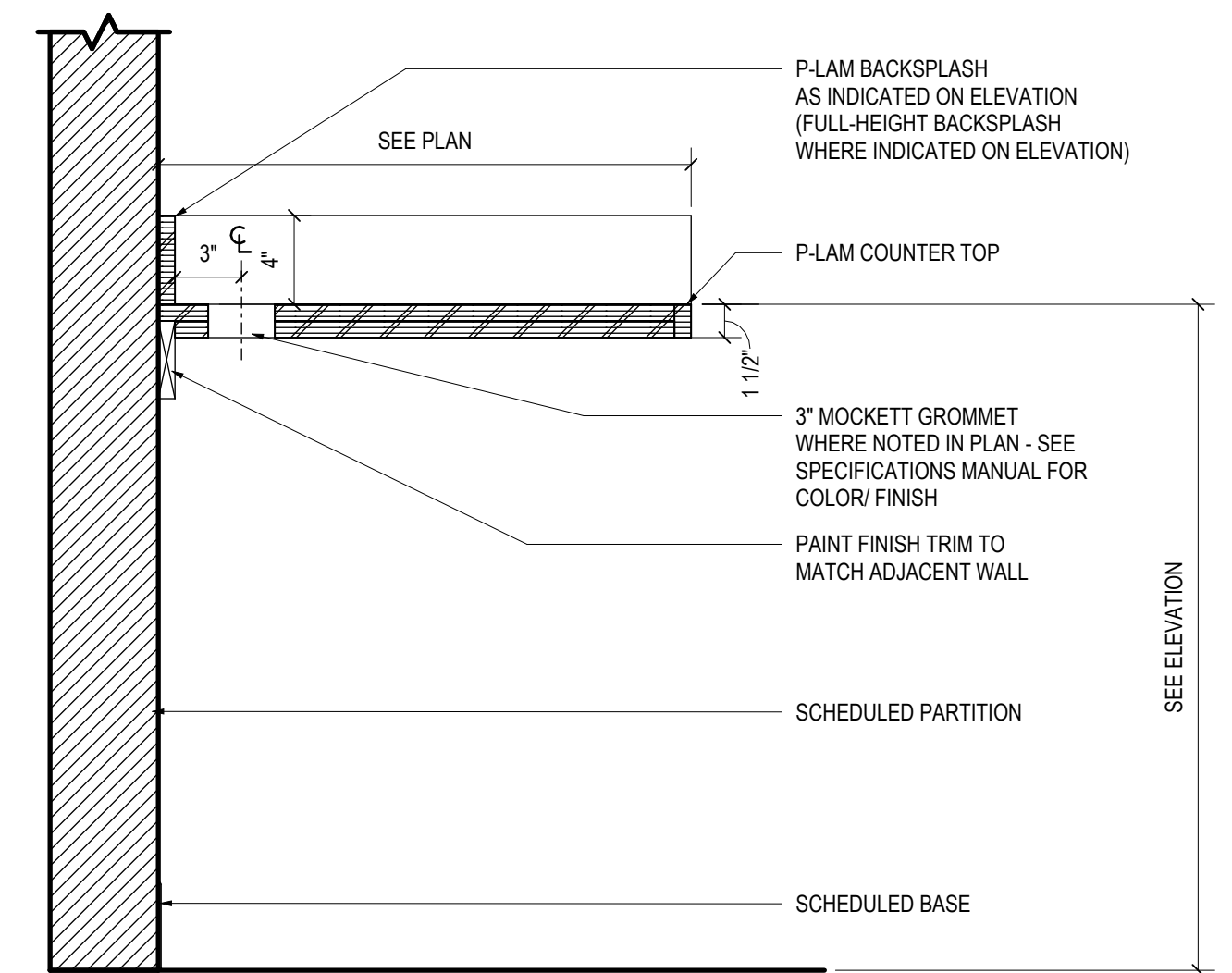
09



BASE CABINET WITH DRAWERS

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

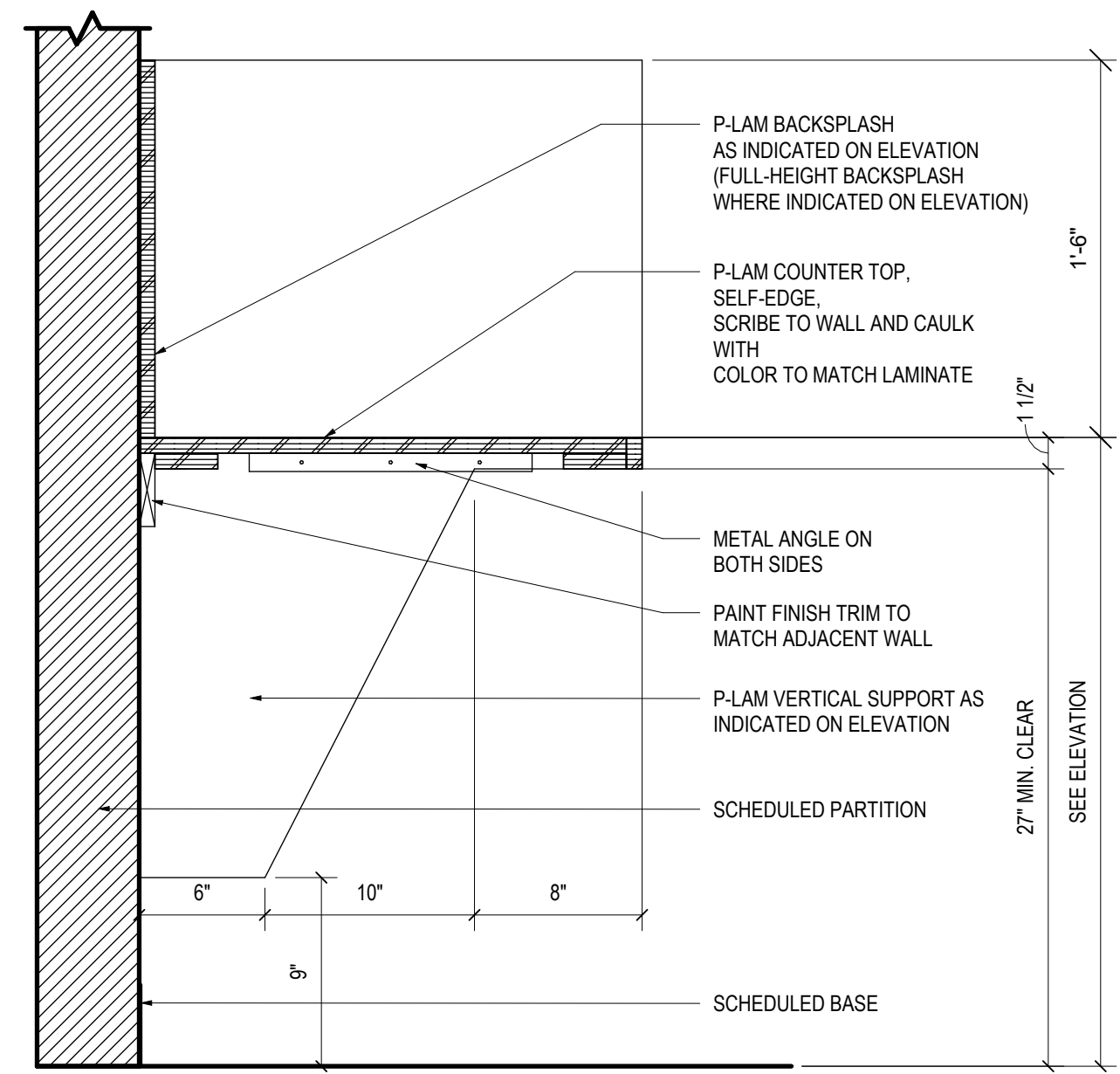
05



OPEN COUNTER

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

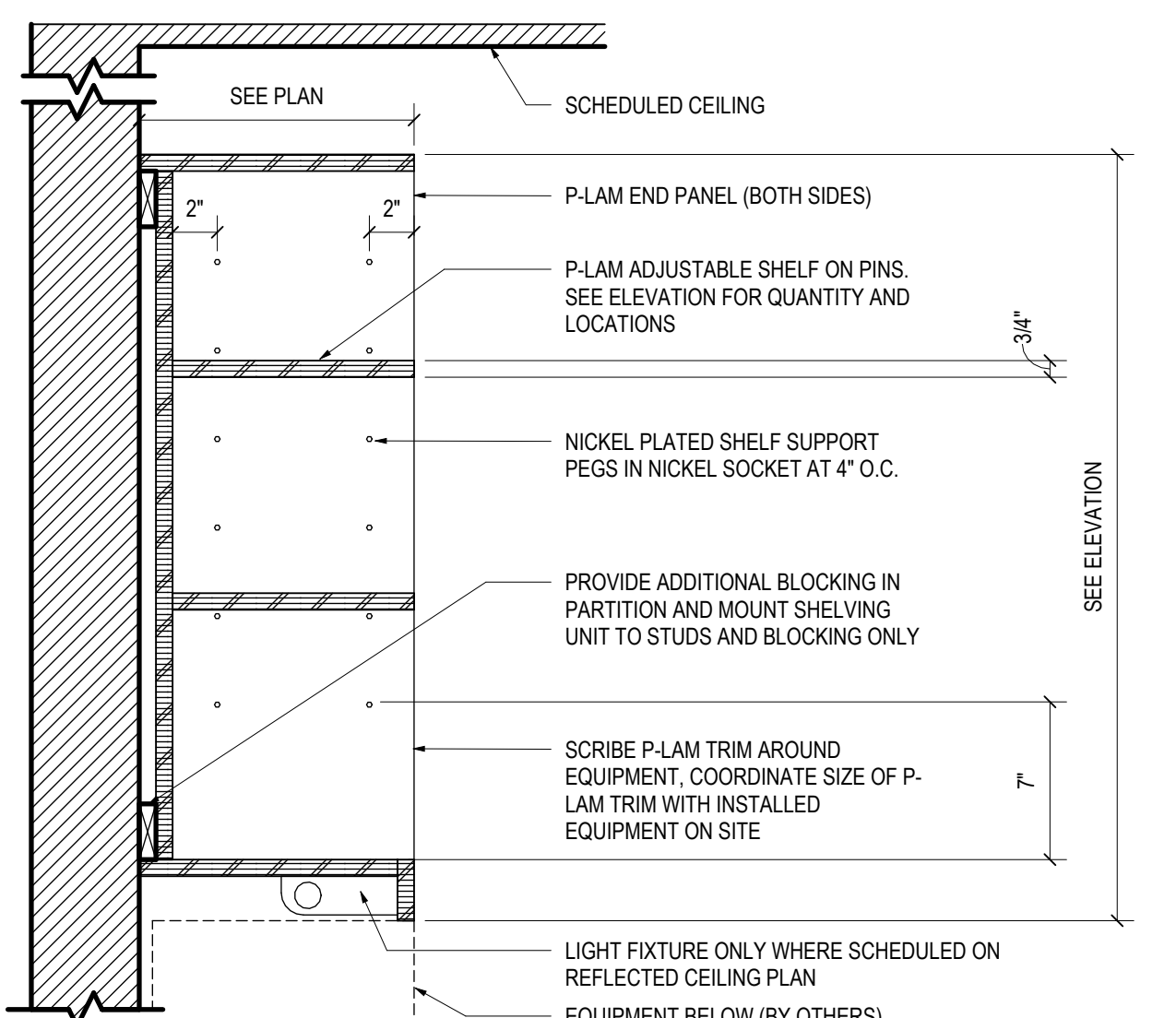
06



OPEN COUNTER WITH TALL BACKSPLASH

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

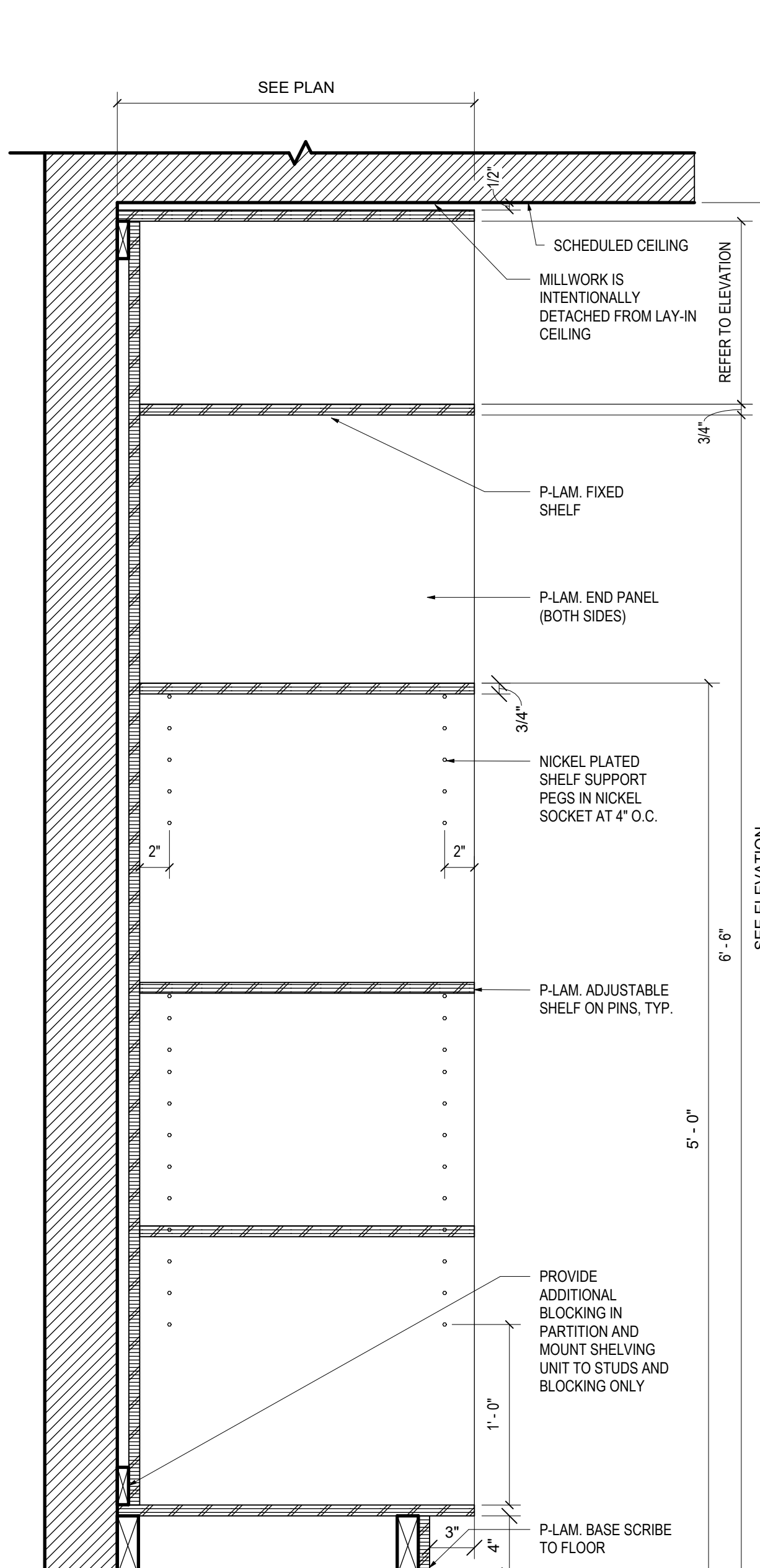
14



UPPER SHELVING UNIT

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

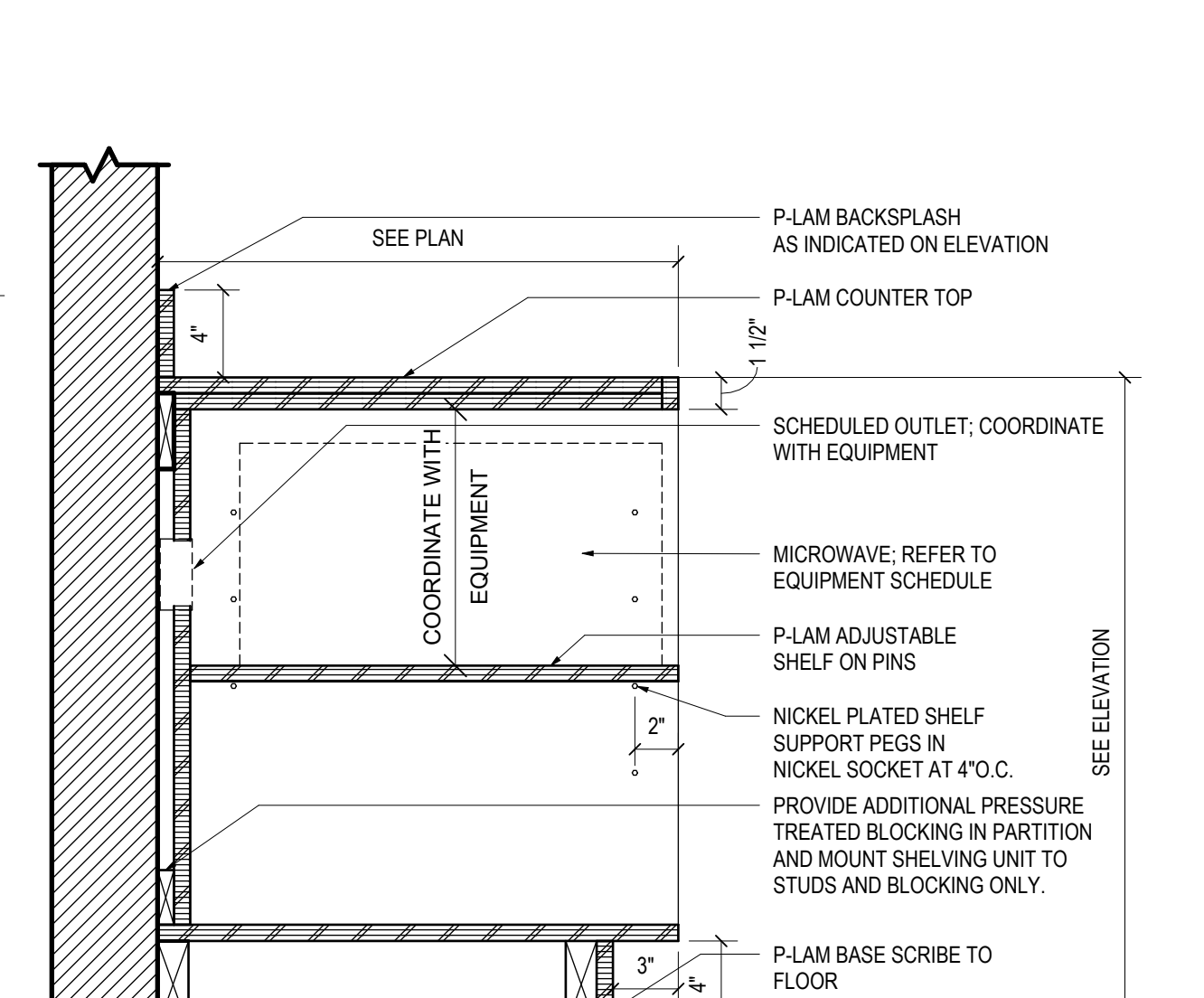
12



SHELVING UNIT

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

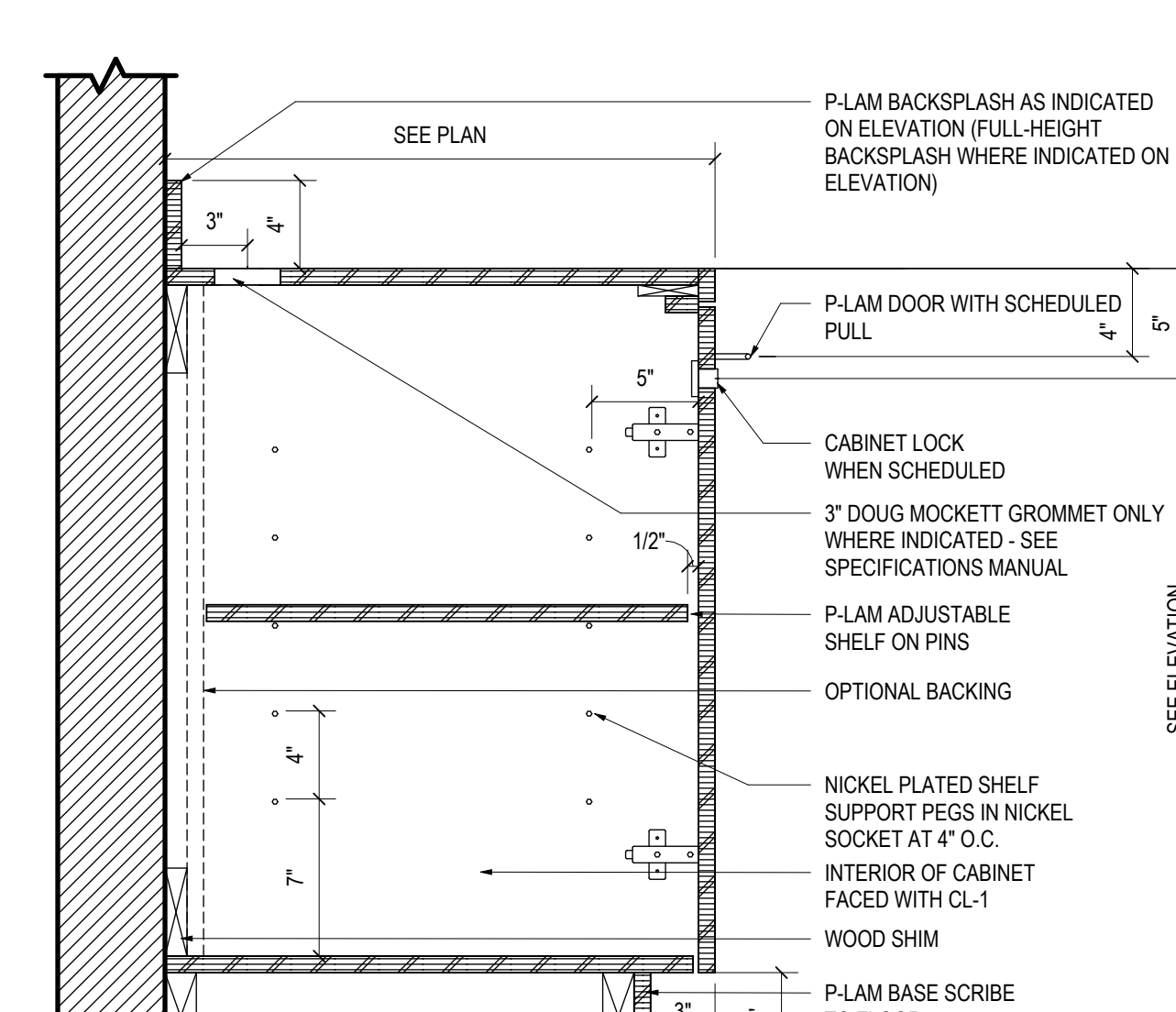
10



COUNTER WITH SHELVING

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

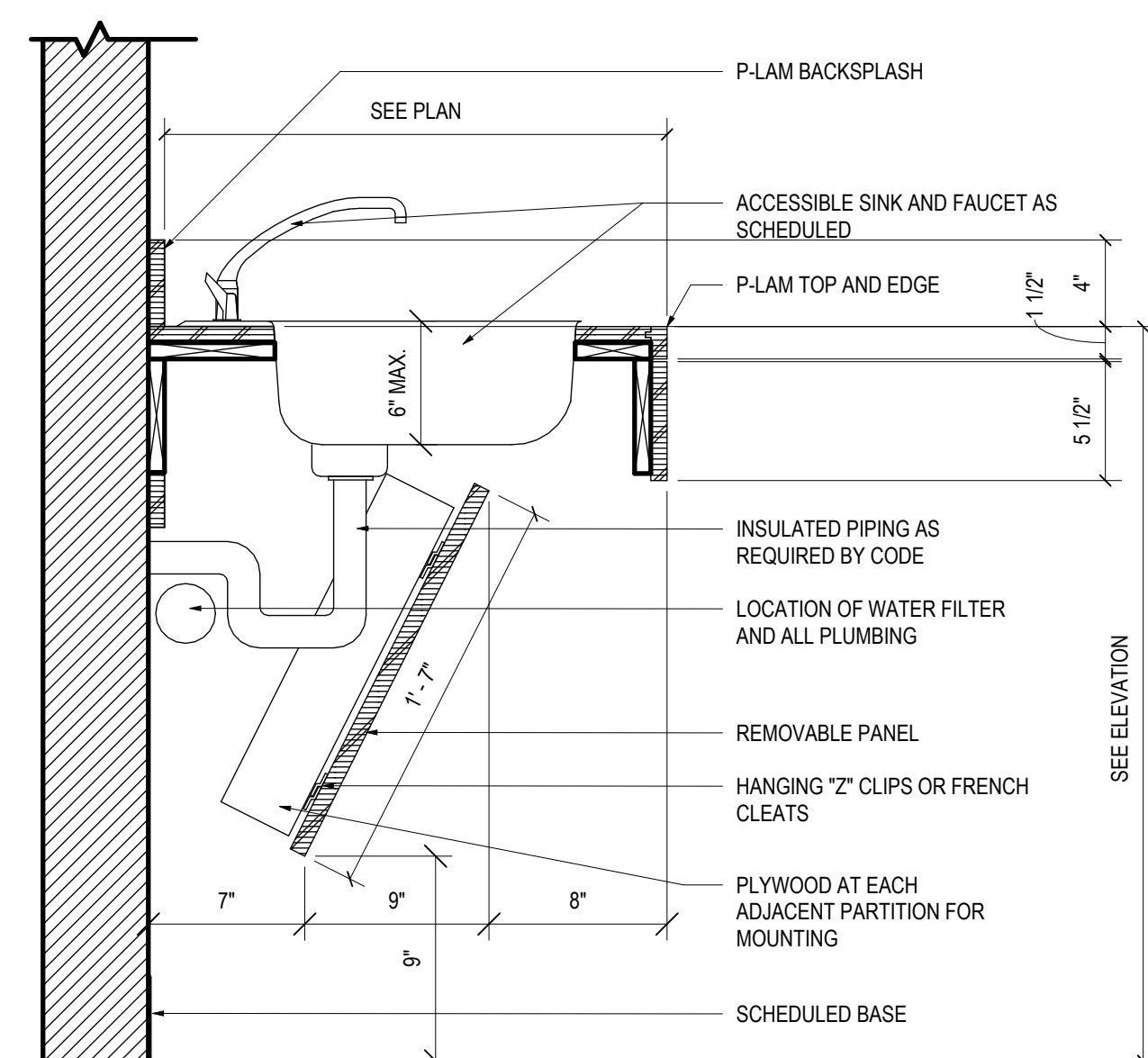
07



BASE CABINET WITH SHELF

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

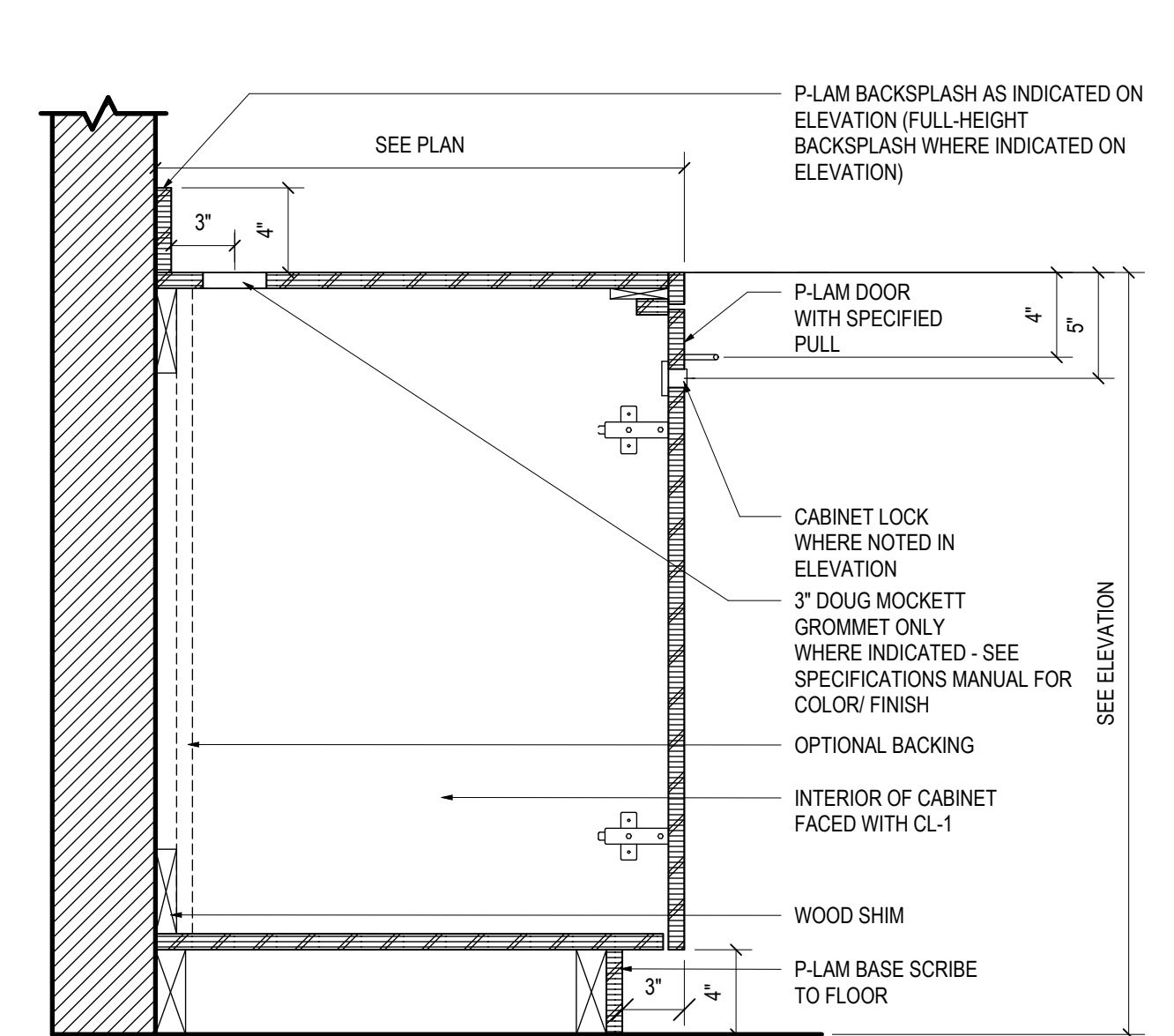
03



SINK WITH APRON

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

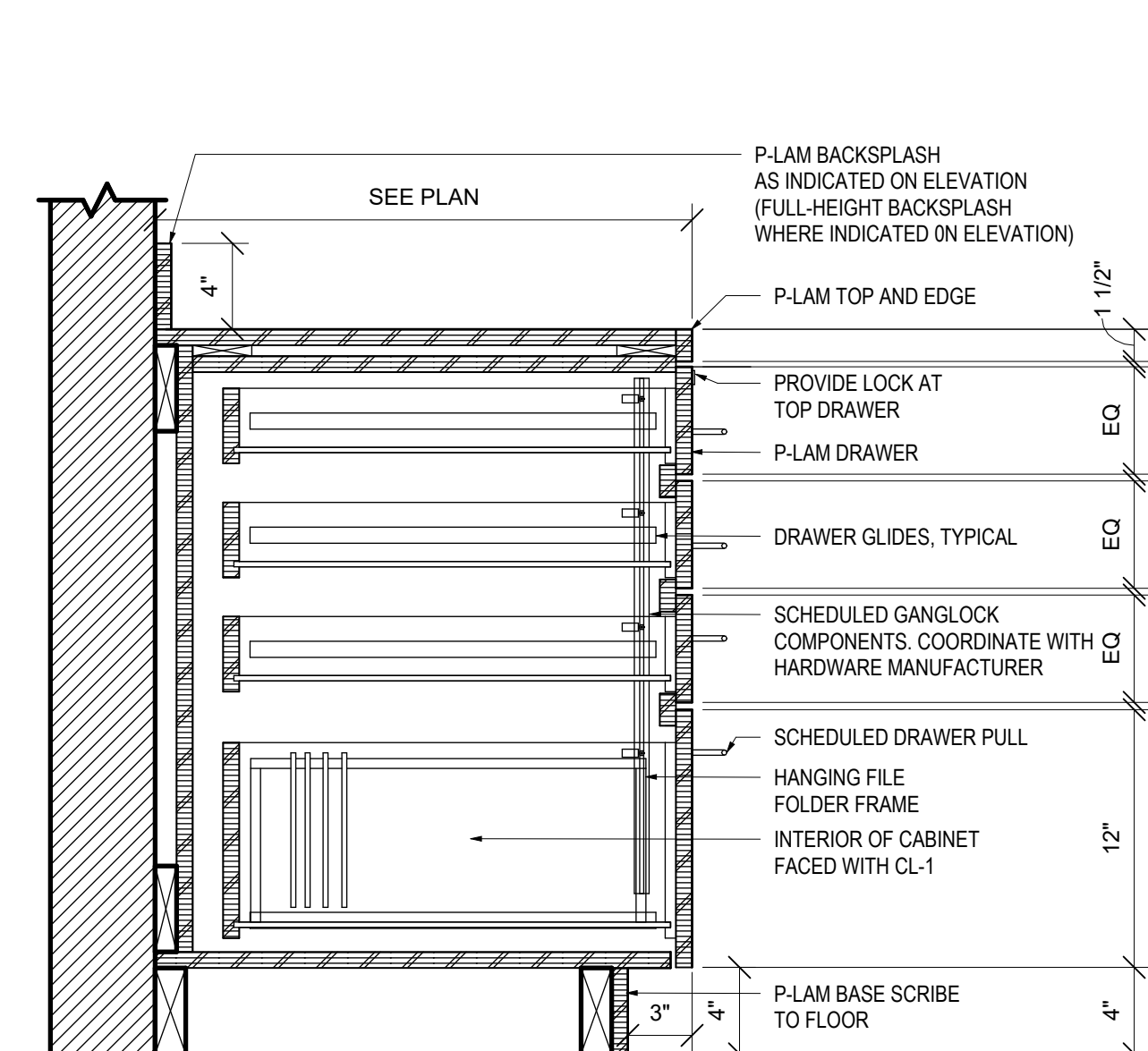
13



BASE CABINET WITHOUT SHELF

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

08



BASE CABINET WITH DRAWERS AND FILING

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

04

MILLWORK GENERAL NOTES

- FINISH THE INTERIOR OF ENCLOSED MILLWORK CABINETS WITH WHITE MELAMINE, UNLESS NOTED OTHERWISE. CABINETS WITH OPEN SHELVING TO BE PLASTIC LAMINATE, UNLESS NOTED OTHERWISE.
- ALL EXPOSED SURFACES OF MILLWORK TO BE PLASTIC LAMINATE, UNLESS NOTED OTHERWISE.
- PROVIDE A SIDE SPLASH FOR ALL MILLWORK COUNTERS THAT BUT UP TO A WALL.

MEDIUM RENOVATION

1414 NY-300

Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225

NRSP VERSION: 4.0

BULLETIN: 01-2023

DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street

Suite 2100

Charlotte, NC 28280

United States

Tel 704.377.2725

Fax 704.377.2807

CBRE

CBRE Third Party Project Management

John Olsson

John.Olsson@cbre.com

FPA

FRENCH & PARRELLO

A S S O C I A T E S

French & Parrello Associates

1800 Route 34, Suite 101

Wall Township, NJ 07719

Contact: Amin H. Goema, PE

Amin.Goema@FPAengineers.com

Tel 732-312-5873

Date	Description
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

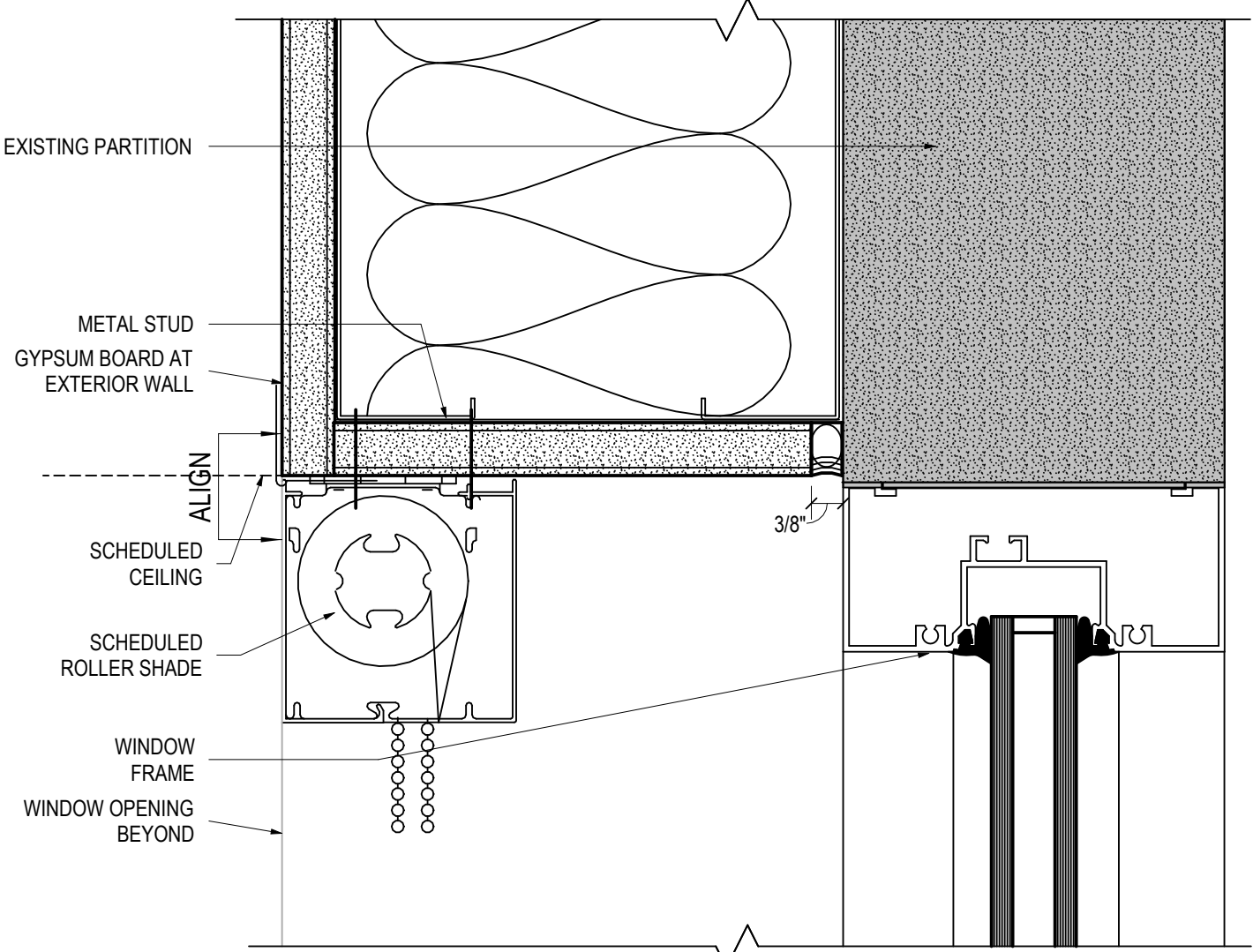
MILLWORK DETAILS

Scale

1 1/2" = 1'-0"

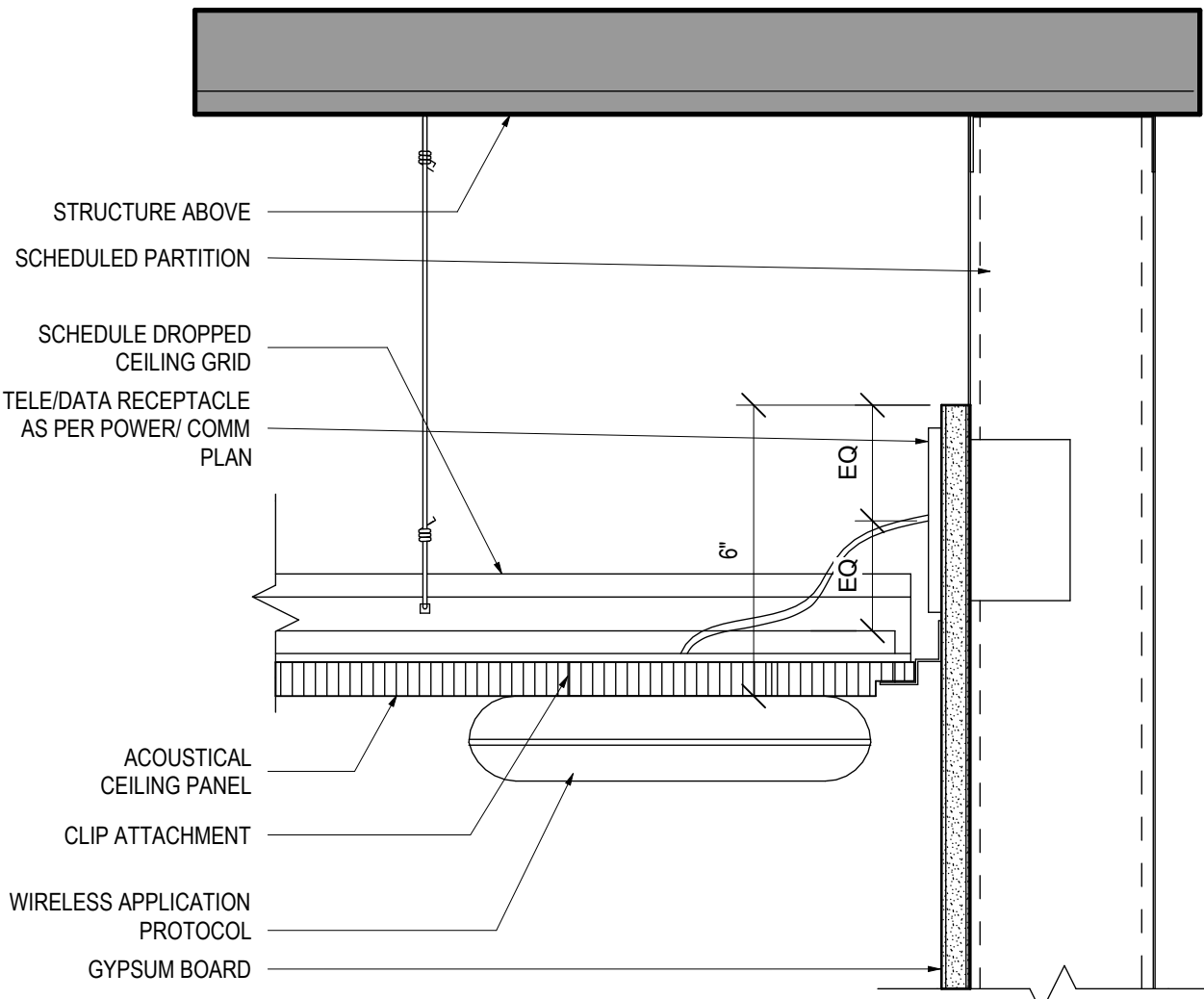
A12.20

7/12/2024 5:57:19 PM Autodesk Docs\\059.8400.015 - BofA REP - NYC-225 Meadow Hill\\NY6-225_Meadow Hill_059.8400.015.rvt



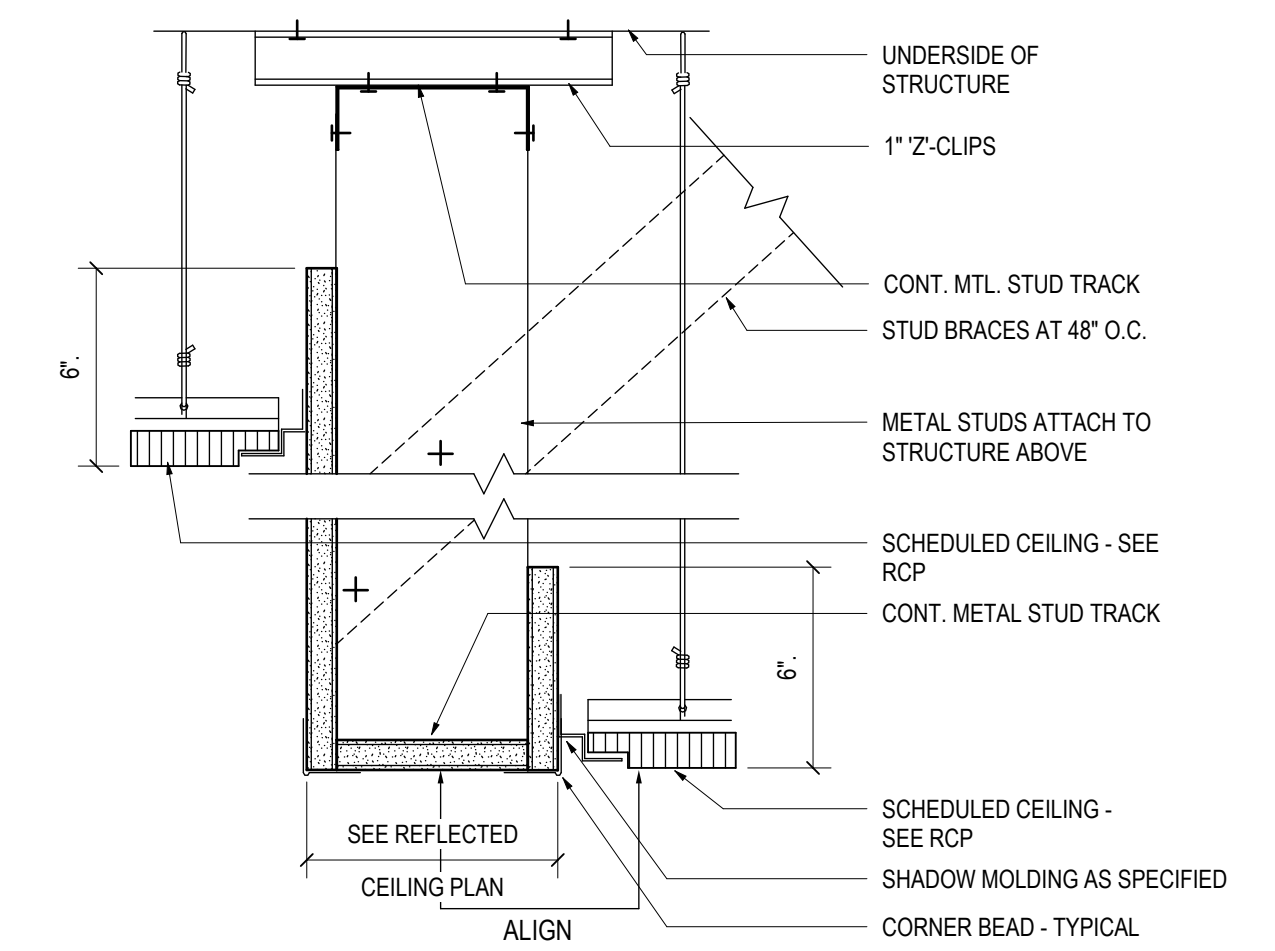
ROLLER SHADE DETAIL AT EXTERIOR WALL 04

SCALE: 8" = 1'-0"



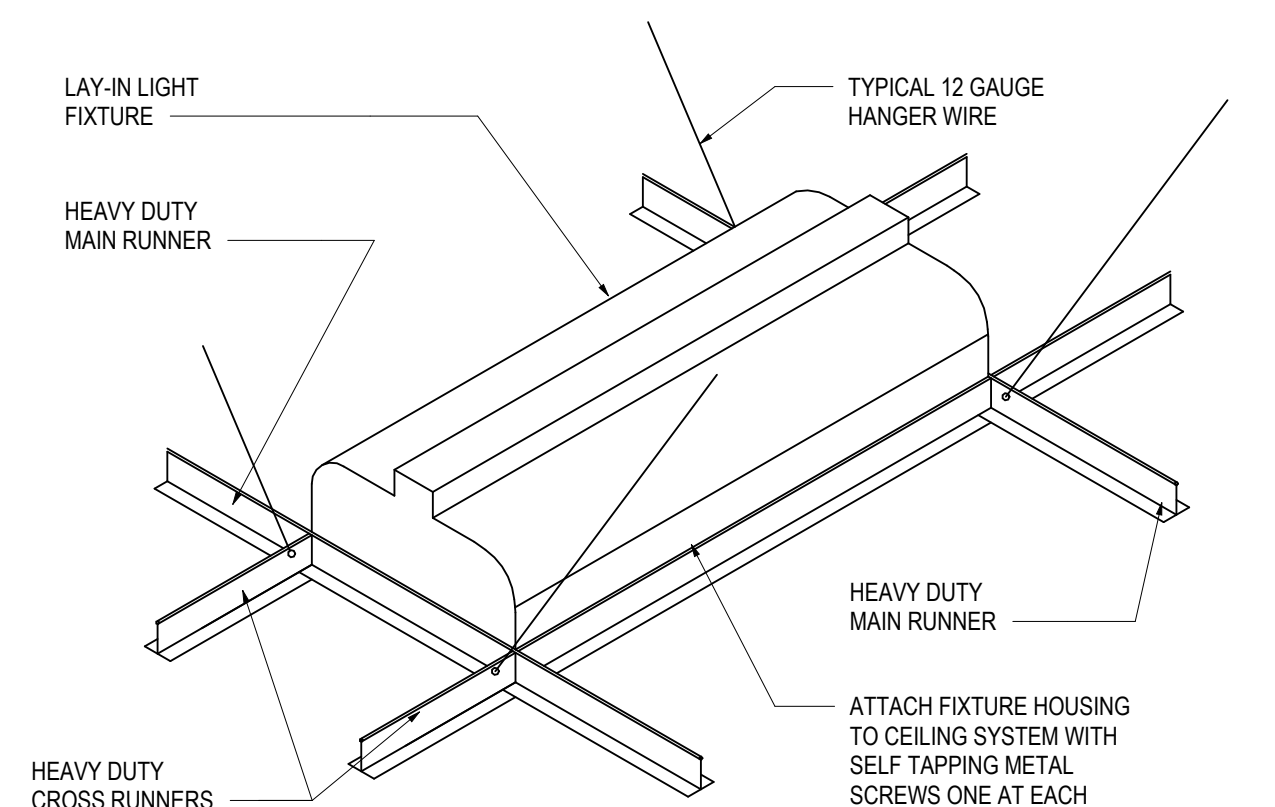
CEILING MOUNTED WAP SECTION DETAIL 05

SCALE: 3" = 1'-0"



TYPICAL BULKHEAD DETAIL 01

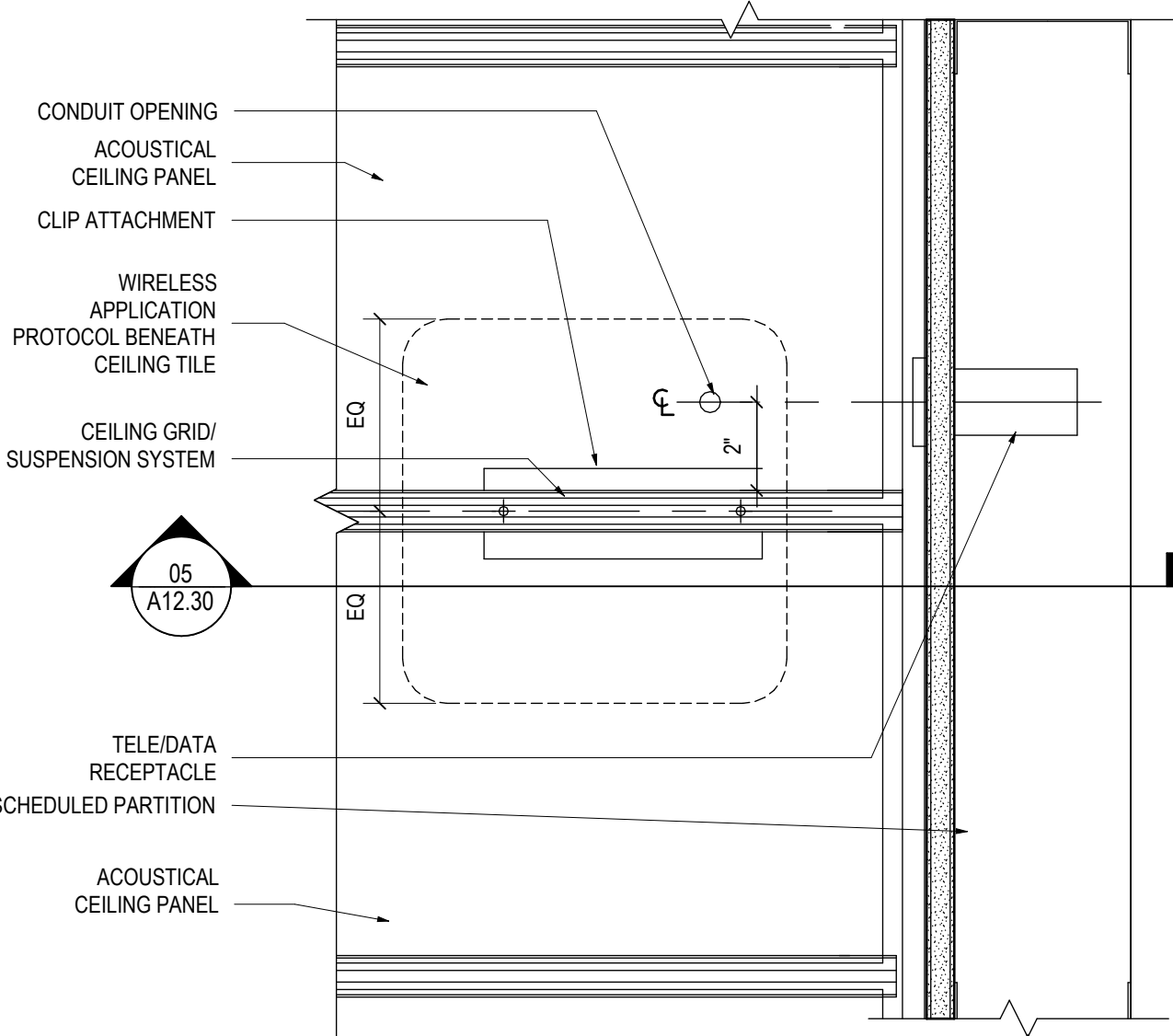
SCALE: 3" = 1'-0"



NOTE:
LATERAL BRACING FOR SUSPENDED CEILING MUST BE PROVIDED PER CISCA GUIDELINES FOR SEISMIC RESTRAINT REQUIREMENTS WHERE LOADS ARE LESS THAN 5# PER FOOT AND NOT SUPPORTING INTERIOR PARTITIONS. CEILING BRACING SHALL BE PROVIDED BY FOUR No. 12 GAUGE WIRES SECURED TO THE MAIN RUNNER INTERSECTION AND SPLAYED 45 DEGREES FROM THE PLANE OF THE CEILING. THESE HORIZONTAL RESTRAINT POINTS SHALL BE IN BOTH DIRECTIONS, WITH THE FIRST POINT WITHIN 4'-0" FROM WALL. ATTACHMENT OF THE RESTRAINT WIRES TO THE STRUCTURE ABOVE SHALL BE ADEQUATE FOR THE LOAD IMPOSED. INSTALL TWO ADDITIONAL WIRES AT OPPOSITE CORNERS (MAY BE SLACK) OF LIGHT FIXTURE HOUSING ADDITIONAL WIRES AT OPPOSITE CORNERS (MAY BE SLACK) OF LIGHT FIXTURE HOUSING THAN 8 INCHES FROM PERIMETER WALL.

LIGHT FIXTURE INSTALLATION 02

SCALE: 12" = 1'-0"



CEILING-MOUNTED WAP ENLARGED PLAN 03

SCALE: 3" = 1'-0"

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA
FRENCH & PARRELLO
A S S O C I A T E S

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Gooma, PE
Amin.Gooma@FPPAengineers.com
Tel 732-312-9873

Date	Description
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

NOT FOR
CONSTRUCTION

Project Name
MEADOW HILL

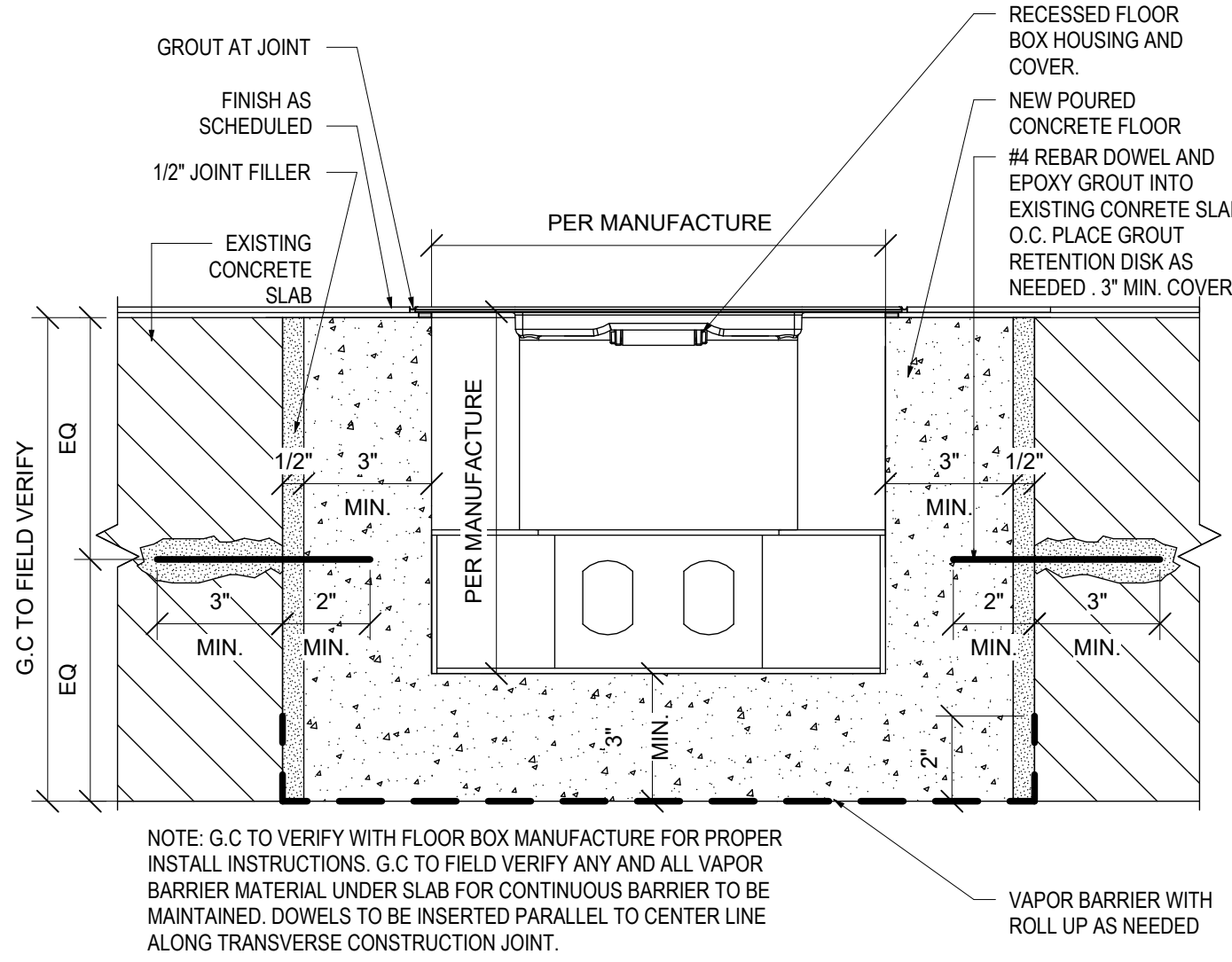
Project Number
059.8400.015

Description
CEILING DETAILS

Scale
As indicated

A12.30

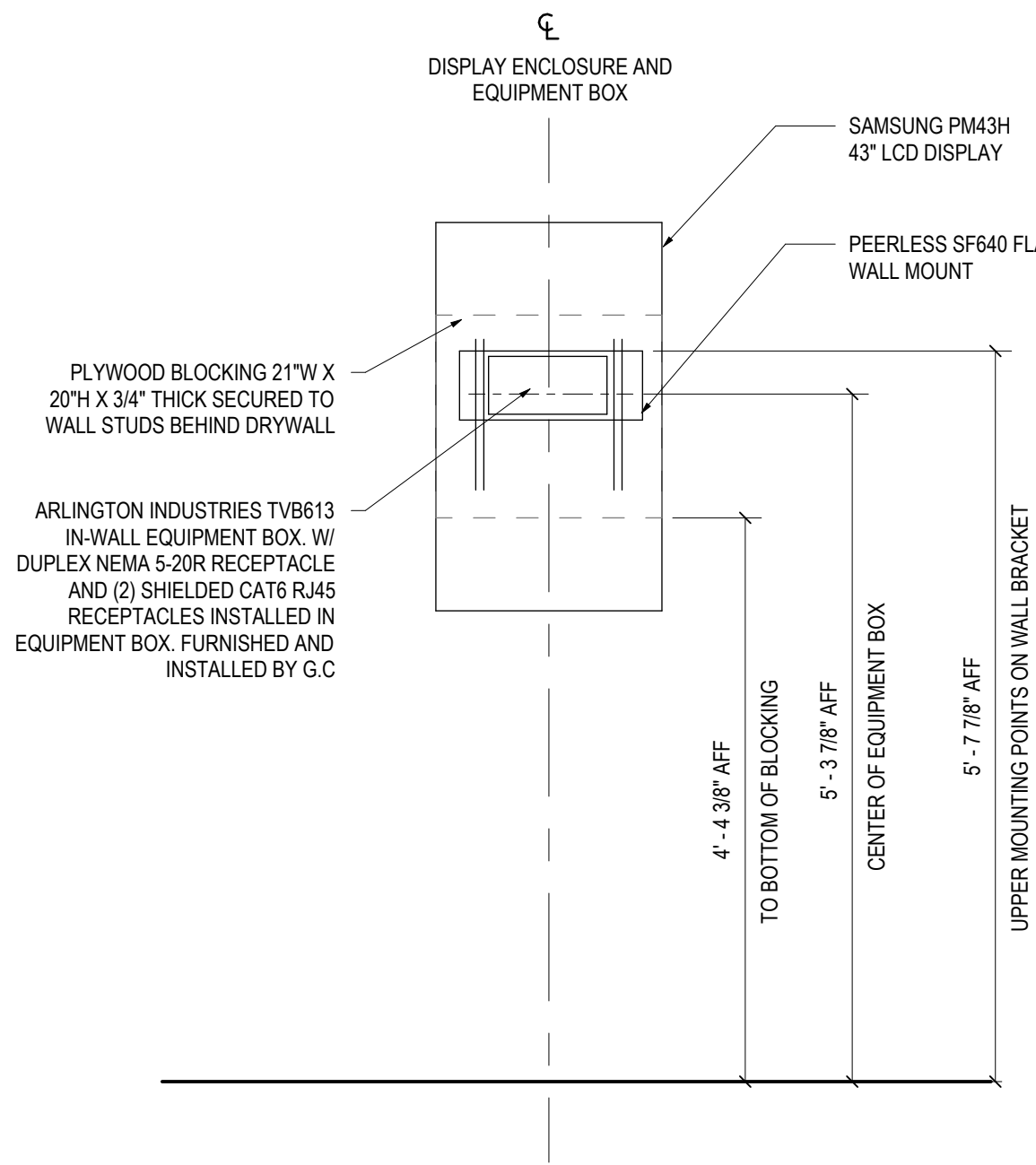
7/12/2024 5:57:20 PM Autodesk Docs\\059.8400.015 - Bath RFP - NYC-225 Meadow Hill\\NY6-225_Meadow Hill_059.8400.015.rvt



FLOOR BOX INSTALLATION

SCALE: 3" = 1'-0"

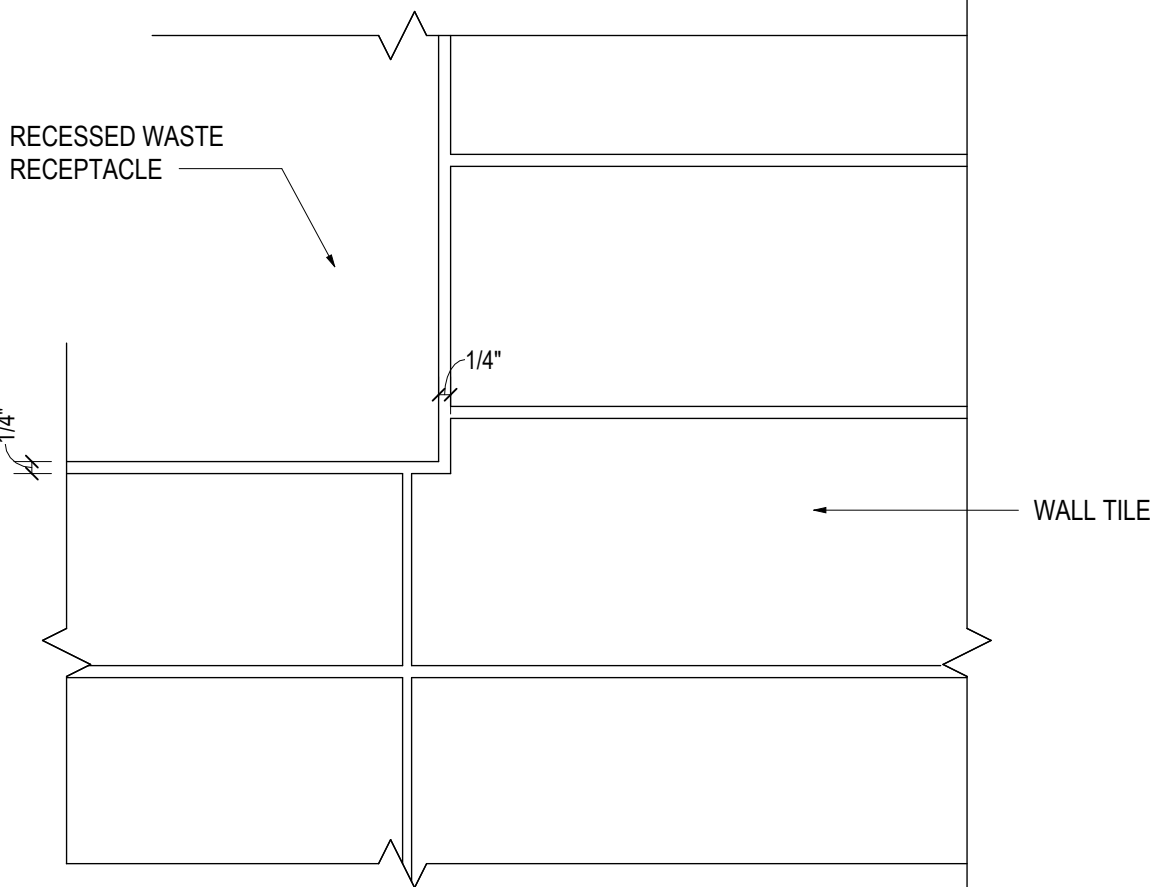
09



WM DIGITAL POSTER ELEVATION

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

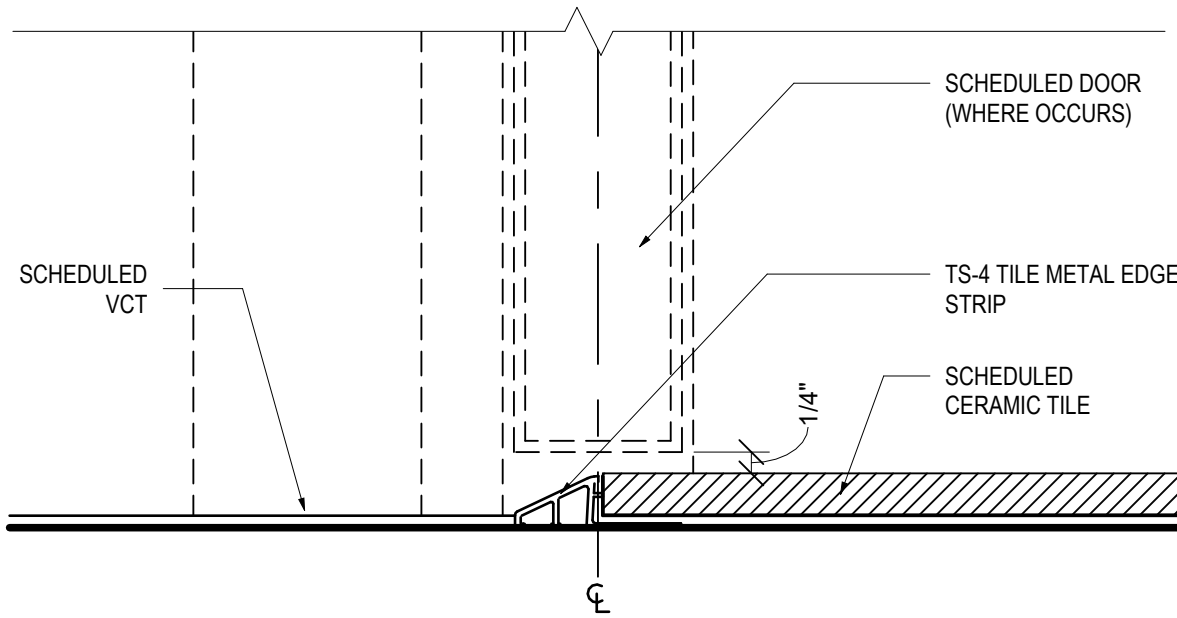
08



TRASH RECEPTACLE DETAIL

SCALE: 3" = 1'-0"

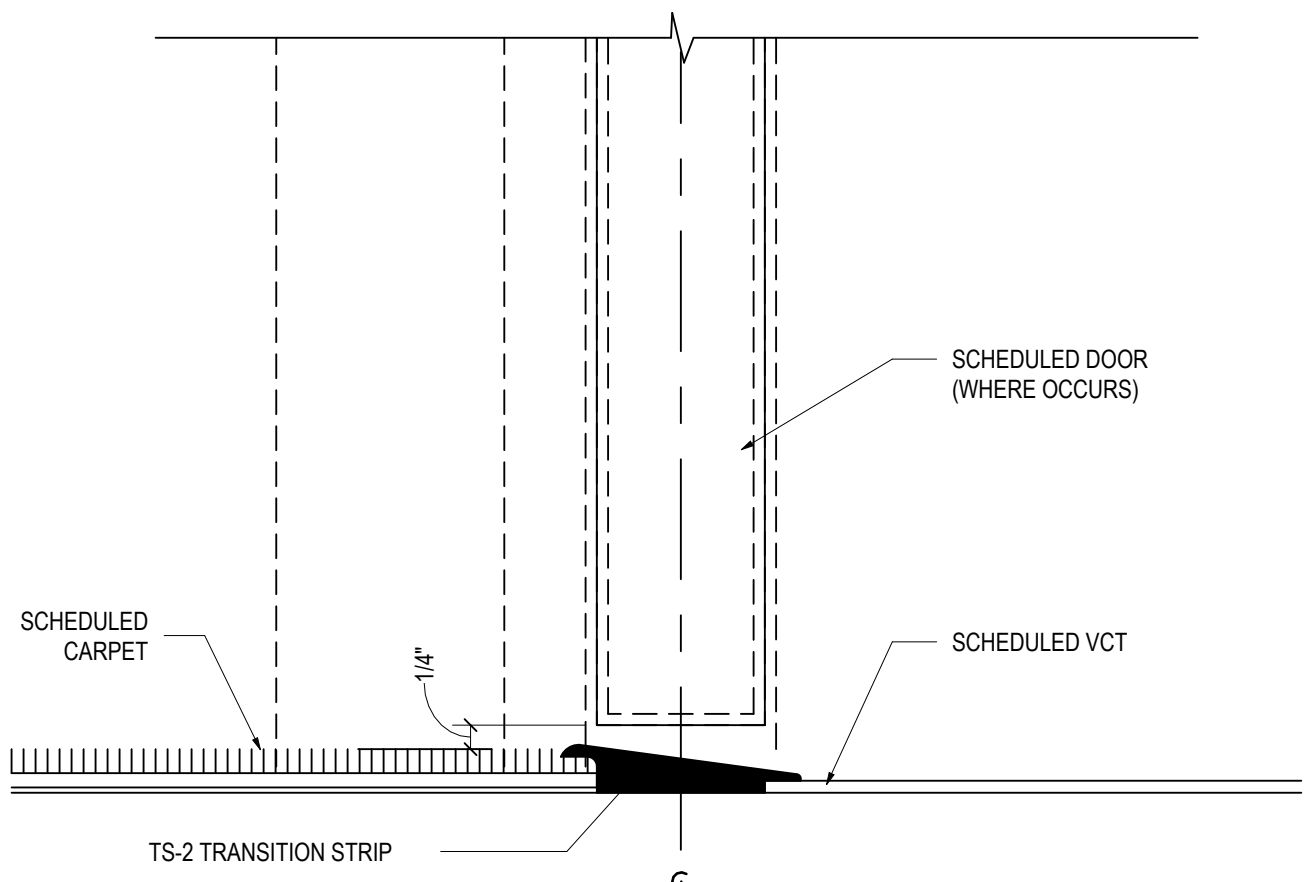
07



TS-4 CT/VCT TRANSITION

SCALE: 6" = 1'-0"

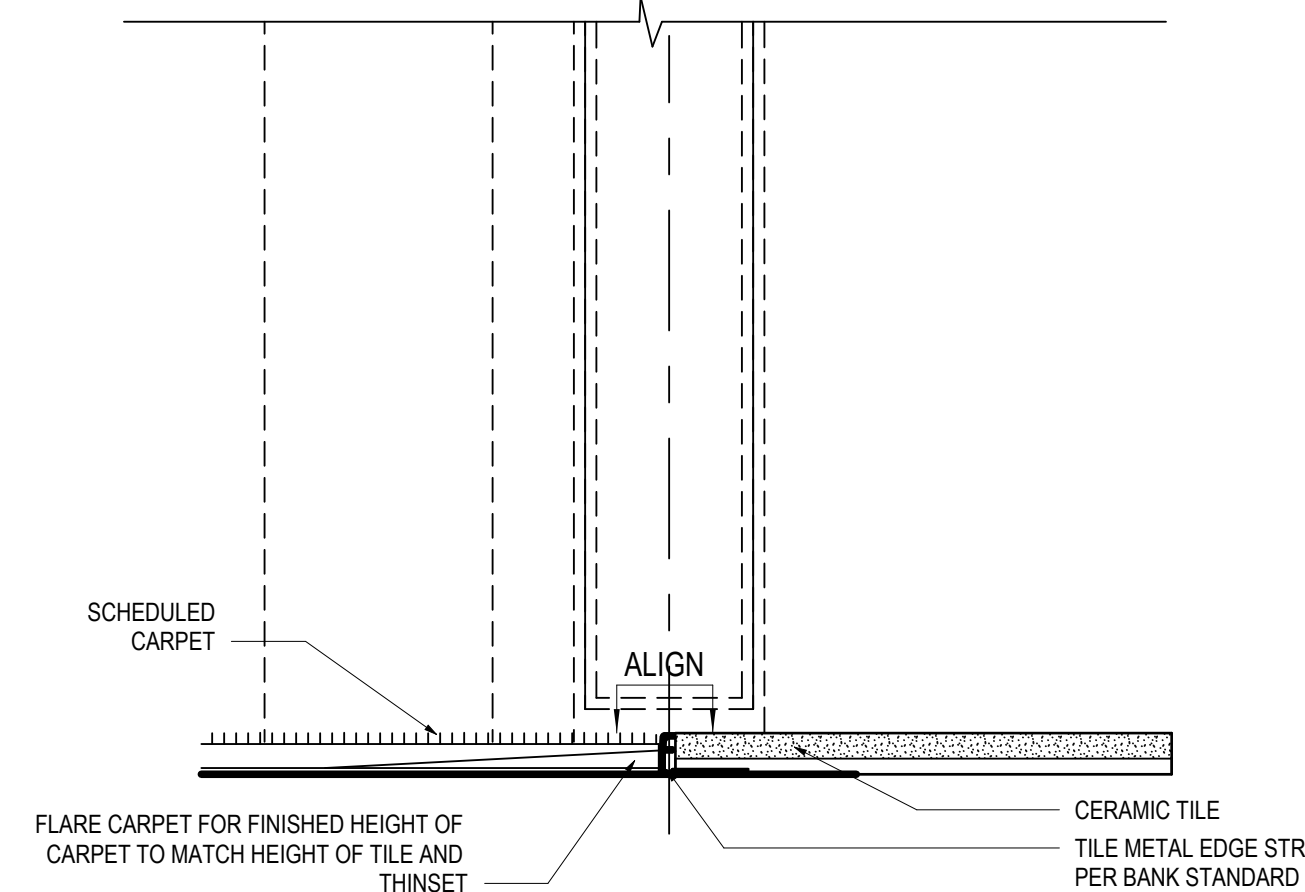
06



TS-2 CPT/VCT TRANSITION

SCALE: 6" = 1'-0"

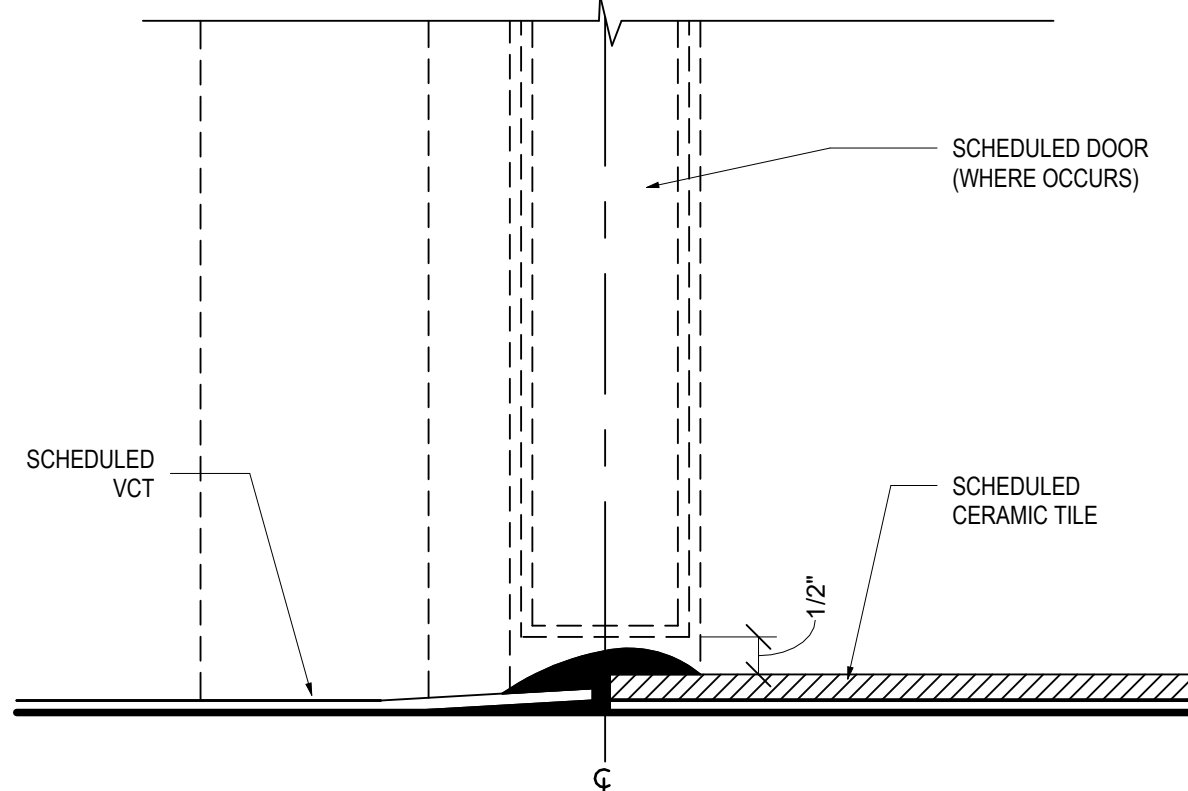
05



TS-3 CPT/CT TRANSITION

SCALE: 6" = 1'-0"

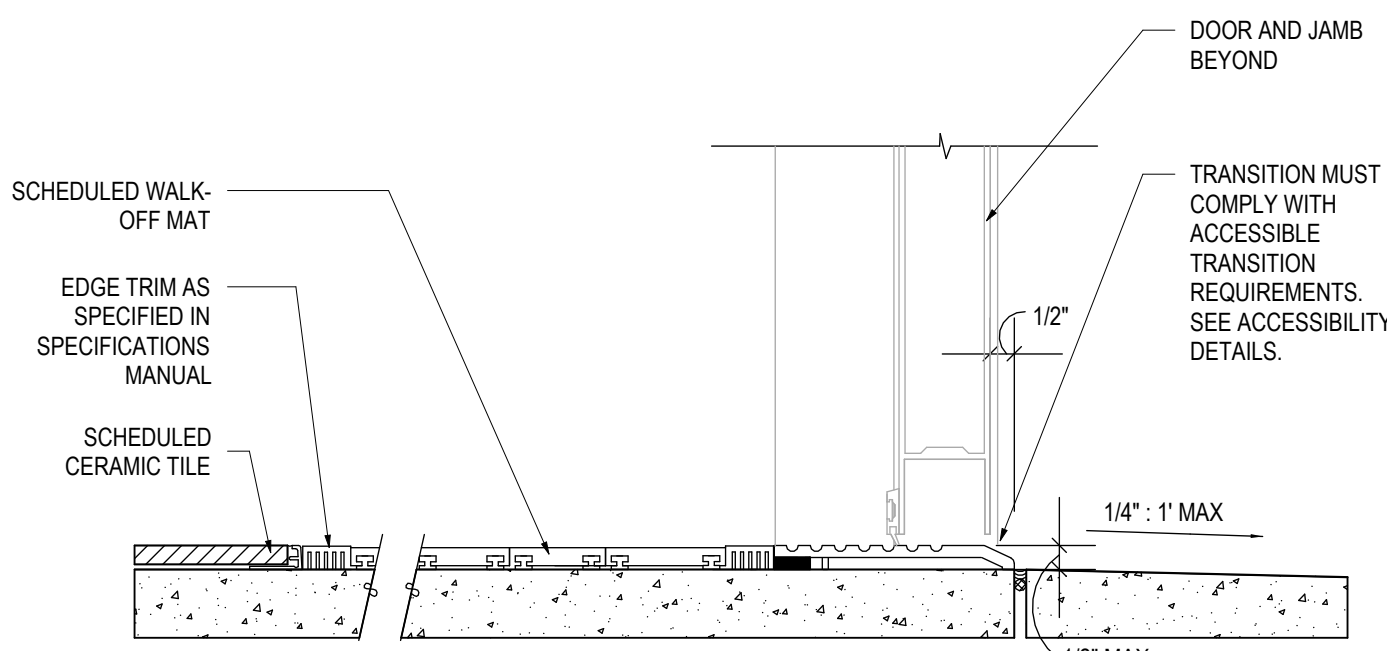
04



TS-6 LVT/VCT TRANSITION

SCALE: 6" = 1'-0"

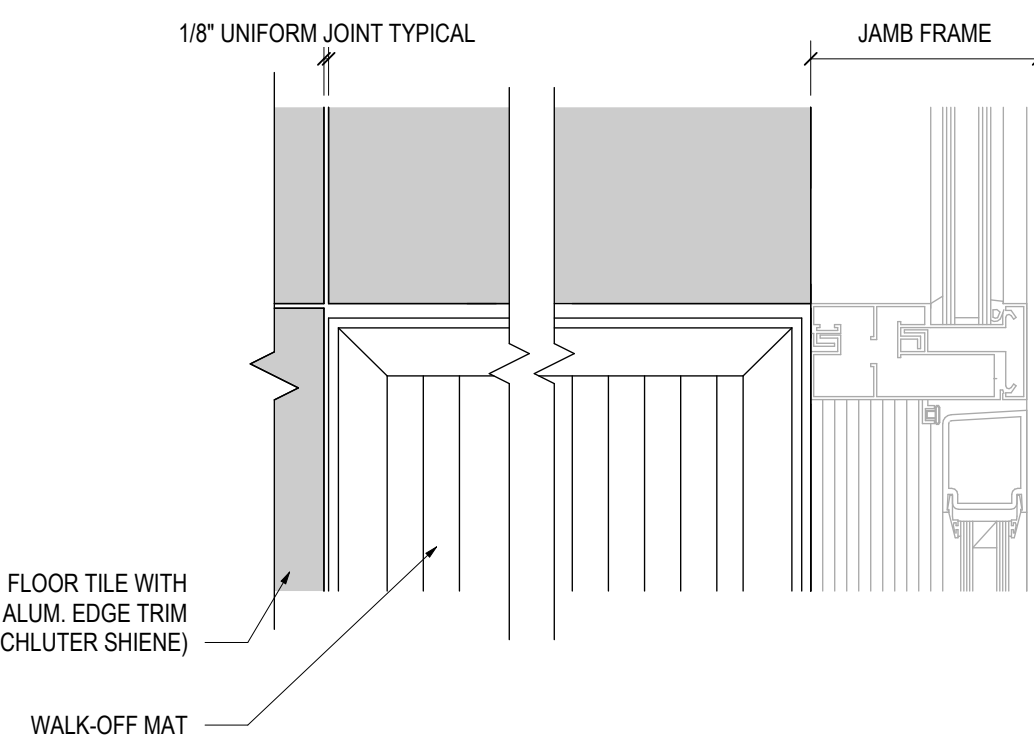
03



TS-3 CT/WM-1 TRANSITION

SCALE: 3" = 1'-0"

02



WALK-OFF MAT TO TILE TRANSITION

SCALE: 3" = 1'-0"

01

MEDIUM RENOVATION

1414 NY-300
Newburgh, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA
FRENCH & PARRELLO
ASSOCIATES

French & Parrello Associates
1800 Route 34, Suite 101
Wall Township, NJ 07719
Contact: Amin H. Gooma, PE
Amin.Gooma@FPPAengineers.com
Tel 732-312-9873

△ Date	Description
05.28.2024	90% DESIGN DEVELOPMENT SET
06.17.2024	100% DESIGN DEVELOPMENT SET
07.12.2024	90% CONSTRUCTION DOCUMENT SET

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

Description



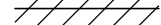







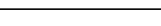
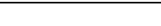








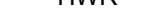







MEDIA & FINISH DETAILS

Scale

As indicated

A12.40

SYMBOLS

SYMBOLS	DESCRIPTION
	NEW DUCT OR PIPE
	EXISTING DUCT OR PIPE
	TO BE REMOVED
	FLEX TO DIFFUSER (6'-0" MAXIMUM)
	RISE IN DUCT
	DROP IN DUCT
	FLEXIBLE DUCT CONNECTION
	CEILING DIFFUSER 4 WAY BLOW
	CEILING DIFFUSER 3 WAY BLOW
	CEILING DIFFUSER 2 WAY BLOW
	CEILING DIFFUSER 1 WAY BLOW
	RETURN OR EXHAUST REGISTER
	VOLUME DAMPER
	FIRE DAMPER AND ACCESS DOOR
	KEY NOTE DESIGNATION
	TOP: EQUIPMENT DESIGNATION BOTTOM: UNIT NUMBER (E-SIGNIFIES EXISTING)
	THERMOSTAT
	SENSOR
	CONNECT TO EXISTING
	POINT OF DISCONNECTION
	HOT WATER SUPPLY PIPING
	HOT WATER RETURN PIPING
	LOW PRESSURE STEAM PIPING
	LOW PRESSURE CONDENSATE PIPING
	REFRIGERANT SUCTION PIPING
	REFRIGERANT LIQUID PIPING
	PUMPED CONDENSATE PIPING
	CONDENSATE DRAIN PIPING

GENERAL NOTES

- DO NOT SCALE FROM THESE DRAWINGS.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE AND ADOPTED REGULATIONS INCLUDING BUT NOT LIMITED TO NATIONAL, CITY, STATE, LOCAL CODES AND ORDINANCES WHICH MAY BE IN EFFECT. ALL MECHANICAL MATERIALS, INSTALLATION PROCEDURES AND SYSTEM LAYOUTS SHALL BE APPROVED BY ALL APPLICABLE CODE ENFORCEMENT AUTHORITIES HAVING JURISDICTION. THE MECHANICAL CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FOR THIS INSTALLATION.
- THE DRAWINGS HAVE BEEN PRODUCED ENTIRELY ON FPA CADD SYSTEM. ANY OTHER LETTERING, LINES OR SYMBOLS, OTHER THAN PROFESSIONAL STAMPS AND SIGNATURES, HAVE BEEN MADE WITHOUT THE AUTHORIZATION OF FPA AND ARE INVALID.
- REPRODUCTION OF ANY PORTION OF THE CONTRACT DRAWINGS FOR RESUBMITTAL AS SHOP DRAWINGS IS PROHIBITED. SHOP DRAWINGS PRODUCED IN SUCH A MANNER WILL BE REJECTED AND RETURNED.
- UPON CONTRACT AWARD, CONTRACTOR SHALL CONTACT LOCAL UTILITY COMPANY TO SCHEDULE ANY UTILITY UPGRADES. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL UTILITY UPGRADES, SECURE ALL PERMITS AND INSPECTIONS.
- ALL CONNECTIONS TO EXISTING BUILDING SERVICES SHALL BE CAREFULLY COORDINATED WITH THE UTILITY CO AND THE OWNER'S SCHEDULE. SERVICE WORK OF THIS NATURE TO OCCUR DURING UNOCCUPIED BUILDING HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL EXISTING EQUIPMENT IS OPERATIONAL AFTER ANY SHUTDOWN OCCURS.
- CHANGES OR SUBSTITUTIONS OF EQUIPMENT WILL NOT BE ALLOWED WITHOUT SPECIFIC WRITTEN APPROVAL FROM THE ARCHITECT OR ENGINEER. ALL COSTS RESULTING FROM THE SELECTION OF OTHER THAN SPECIFIED EQUIPMENT SHALL BE BORNE BY THE CONTRACTOR, INCLUDING, BUT NOT LIMITED TO WORK AFFECTING OTHER CONTRACTORS, THE OWNER, OR RE-DESIGN ISSUES.
- ALL INDICATED WORK SHALL BE PERFORMED BY THE MECHANICAL CONTRACTOR UNLESS OTHERWISE NOTED.
- DO NOT USE ANY PART OF THE OWNER'S BUILDING AS A SHOP, EXCEPT PARTS DESIGNATED FOR SUCH PURPOSES BY THE OWNER.
- ALL CONTRACT WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE WRITTEN SPECIFICATIONS FOR THIS PROJECT WHICH ARE CONSIDERED TO BE AN INTEGRAL PART OF THE CONTRACT DOCUMENTS. ALL CONTRACTORS AND SUBCONTRACTORS SHALL MAINTAIN (AT THE JOB SITE) AND REFER TO COPIES OF THE WRITTEN SPECIFICATIONS AS PART OF THESE DRAWINGS. REFER TO THE WRITTEN SPECIFICATIONS IN CONJUNCTION WITH THE PLANS FOR FULL PROJECT SCOPE. IN ALL CASES OF DISCREPANCY BETWEEN PLANS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN AND WHERE IT IS UNCLEAR, SUCH CASES SHALL BE REFERRED TO THE ENGINEER FOR ADJUDICATION.
- ANY DISCREPANCIES OR INADEQUACIES WITHIN THESE BID DOCUMENTS OR BETWEEN THESE BID DOCUMENTS AND RELATED PLUMBING, ELECTRICAL, FIRE PROTECTION, ARCHITECTURAL, INTERIOR DECOR AND FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND/OR ENGINEER PRIOR TO BID SUBMISSION.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING HIS BID FOR THE PROPOSED WORK. HE SHALL BE RESPONSIBLE TO VERIFY FIELD CONDITIONS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO SUBMISSION OF BIDS IN WRITING.
- THE MECHANICAL CONTRACTOR SHALL REVIEW THESE PLANS AND SPECIFICATIONS, AS WELL AS THE RELATED PLUMBING, ELECTRICAL, ARCHITECTURAL, INTERIOR DECOR AND SITE ENGINEERING DRAWINGS TO BECOME FAMILIAR WITH THE FULL PROJECT SCOPE. DURING THE COURSE OF CONSTRUCTION COORDINATION AND ACTUAL CONSTRUCTION, THE MECHANICAL CONTRACTOR SHALL COOPERATE WITH ALL OTHER CONTRACTORS AND TRADES ON THIS PROJECT TO ENSURE A SMOOTH RUNNING AND CAREFULLY COORDINATED INSTALLATION.
- THE MECHANICAL CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTS, EXISTING CONDITIONS, AND AS-BUILT CONDITIONS PERTAINING TO THE HVAC SYSTEMS. MECHANICAL CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIAL, PARTS, SUPPLIES AND LABOR TO BALANCE ALL HVAC EQUIPMENT TO OWNER'S SATISFACTION.
- CONTRACTOR SHALL COORDINATE HIS SCHEDULING WITH THE OWNER AND GENERAL CONTRACTOR TO COMPLY WITH THE OWNERS USAGE OF THE BUILDING.
- IF ANY UNEXPECTED DISCOVERY OF SUSPECTED HAZARDOUS MATERIALS IS MADE DURING THE COURSE OF WORK, THE CONTRACTOR SHALL REPORT THE DISCOVERY IMMEDIATELY TO THE OWNER. THE CONTRACTOR SHALL STOP ANY WORK THAT MAY DISTURB THE SUSPECTED HAZARDOUS MATERIAL. CONTRACTOR SHALL RESUME WORK AFTER ALL HAZARDOUS MATERIAL HAS BEEN REMEDIATED.
- CONTRACTOR RESPONSIBLE FOR THE PROPER CARE OF ALL OWNER'S EQUIPMENT AND/OR FURNISHINGS WHICH ARE REQUIRED TO BE TEMPORARILY REMOVED, STORED OR RELOCATED. CONTRACTOR SHALL REPLACE, REPAIR OR REIMBURSE OWNER FOR ALL DAMAGES TO SUCH PROPERTIES AT FULL REPLACEMENT VALUE AND EQUIVALENCY. CONTRACTOR SHALL ADVISE OWNER FOR DISPOSITION OF REMOVED EQUIPMENT AND/OR MATERIALS.
- CONTRACTOR'S WORK MAY BE REQUIRED OUTSIDE OF DESIGNATED SPACE. ALL SYSTEMS BEING DEMOLISHED AND REMOVED, MODIFIED, AND/OR TERMINATED SHALL BE FIELD VERIFIED TO INSURE NO WORK PERFORMED, INSIDE OR OUTSIDE OF THE DESIGNATED SPACE, SHALL DISRUPT ANY SERVICE OR SYSTEMS OF ANY OTHER AREAS. IF ANY CONDITIONS ARISE THAT ARE NOT IDENTIFIED ON DRAWINGS, IMMEDIATE NOTIFICATION SHALL BE PROVIDED TO THE ENGINEER OR OWNER. NO WORK SHALL PROCEED WITHOUT APPROVALS FROM ENGINEER OR OWNER.
- DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY HAVE TO BE ADAPTED TO COMPLY WITH EXISTING BUILDING CONDITIONS. CONTRACTOR SHALL SUBMIT HVAC SHOP DRAWINGS, INDICATING LOCATIONS AND ROUTINGS OF DUCTS, PIPING, AND WIRING.
- DUCTING AND PIPING SHOWN ON DRAWINGS SHOW THE GENERAL RUN AND CONNECTIONS AND MAY OR MAY NOT IN ALL PARTS BE SHOWN IN ITS EXACT POSITION. CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTING THE DUCTWORK/PIPING SUITABLE IN EVERY RESPECT FOR THE WORK. DUCTWORK/PIPING SHALL BE INSTALLED SO THAT ACCESS, CLEARANCE, HEADROOM AND PITCH ARE MAINTAINED. CONTRACTORS OF THE VARIOUS TRADES SHALL COORDINATE THE INSTALLATION. MECHANICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS FOR CHASE AND SOFFIT LOCATIONS TO COORDINATE ALL EXPOSED DUCTWORK & PIPE ROUTING.
- ALL CONTRACTORS SHALL PROVIDE CUTTING AND PATCHING FOR THEIR RESPECTIVE TRADES.
- REMOVE AND REINSTALL CEILING SYSTEM AS REQUIRED FOR THE INSTALLATION OF MECHANICAL WORK AND REPLACE IN KIND ANY COMPONENTS DAMAGED BY PERSONNEL OR EQUIPMENT DURING PERFORMANCE OF THE WORK. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL, MATCH EXISTING ADJACENT SURFACES.
- ALL MECHANICAL EQUIPMENT AND APPLIANCES SHALL BEAR THE LABEL OF AN APPROVING AGENCY. LISTING AND LABELING AGENCY QUALIFICATIONS: A "NATIONALLY RECOGNIZED TESTING LABORATORY" AS DEFINED IN THE INTERNATIONAL MECHANICAL CODE, LATEST ADOPTED EDITION.
- ALL PENETRATIONS THRU FIRE RATED WALLS, FLOORS, AND CEILINGS SHALL BE SEALED WITH A UL APPROVED FIRESTOP MATERIAL SUITABLE FOR CONSTRUCTION MATERIAL TO MAINTAIN FIRE, SMOKE, AND DRAFT INTEGRITY OF STRUCTURE. FIRE RESISTANT SEALER SHALL BE TESTED IN ACCORDANCE WITH ASTM E84, INSTALL SEALANT, INCLUDING FOAMING, PACKING AND OTHER ACCESSORY MATERIALS TO FILL OPENINGS WHERE FIRE-RATED WALL PENETRATIONS OCCUR. COMPLY WITH INSTALLATION REQUIREMENTS ESTABLISHED BY TESTERS AND INSPECTION AGENCY.
- ALL CONTRACTORS REMOVING OR RELOCATING ANY EQUIPMENT, PIPES, DUCTS, CONDUITS, ETC SHALL PATCH ALL SURFACES DISTURBED BY THIS WORK TO MATCH ADJACENT SURFACES.
- MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER HANDLING, DISPOSAL & ASSOCIATED COSTS OF ALL REFRIGERANT MATERIAL, DURING THIS CONTRACT, IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL CODES AND/OR REGULATIONS.
- THE MECHANICAL CONTRACTOR SHALL MOUNT THE DUCT SMOKE DETECTOR. THE ELECTRICAL CONTRACTOR TO PROVIDE AND WIRE DUCT MOUNTED SMOKE DETECTOR. ELECTRIC CONTRACTOR SHALL ALSO PROVIDE AND WIRE A REMOTE MONITORING KEY OPERATED TEST AND ALARM STATION FOR EACH DUCT SMOKE DETECTOR. THE REMOTE TEST ALARM STATION SHALL BE MOUNTED AS DIRECTED IN THE AREA OF THE SMOKE DETECTOR.
- FURNISH TO THE ELECTRICAL CONTRACTOR ALL MOTOR STARTERS AND CONTROL DEVICES FOR MECHANICAL EQUIPMENT. ELECTRICAL CONTRACTOR SHALL INSTALL AND WIRE STARTER AND CONTROL EQUIPMENT FOR ALL MOTORS.
- CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL CONTROLLERS, ACTUATORS, TRANSFORMERS, SENSORS, RELAYS, CONTACTS, PANELS, CONDUIT, WIRING, ETC AS REQUIRED TO ACHIEVE SPECIFIED CONTROL SEQUENCE. WHERE LOCATING DEVICES ON EXISTING SURFACES, IF RECESSED WIRING CANNOT BE ACCOMMODATED (I.E. PRECAST, PRE-FAB PANELS, ETC.) INCLUDE WIRE MOLD AS NECESSARY TO PROVIDE CONCEALED INSTALLATION. CONNECT TO EXISTING BMS AND PROVIDE CONTROLLABILITY OF ALL MECHANICAL EQUIPMENT WITH ASSOCIATED GRAPHICS AND PROVIDE SECURE REMOTE WEB ACCESS FOR SETPOINTS AND SCHEDULING ADJUSTMENT FOR OCCUPIED AND UNOCCUPIED MODES OF HEATING AND COOLING.
- ALL FAN POWERED HEATING OR COOLING AIR SYSTEMS SHALL INCLUDE ACCESSIBLE RETURN AIR FILTRATION TO PROTECT FAN COMPONENTS. MINIMUM MERV-13 PLEATED FILTERS TYPICAL.
- ALL SPACE SENSORS; IE. TEMPERATURE, CARBON DIOXIDE, HUMIDITY, ETC., SHALL BE MOUNTED AT 48" AFF TO MEET ADA REQUIREMENTS.
PROVIDE TAMPER PROOF COVERS FOR ALL TEMPERATURE SENSORS. PROVIDE T6500 SERIES VENTED GUARD, CLEAR, OR ENGINEER APPROVED EQUAL, ON ALL TEMPERATURE SENSORS. AVAILABLE FROM WWW.KELE.COM, 888-397-5353.
PROVIDE WIRE GUARD COVERS ON ALL SPACE SENSORS. BASIS-OF-DESIGN AMERICAN TIME INTEGRATED SOLUTIONS; OR ENGINEERED APPROVED EQUAL. AVAILABLE FROM WWW.AMERICAN-TIME.COM, 800-328-8996.
- ALL EXPOSED HORIZONTAL AND VERTICAL PIPING SHALL BE INSTALLED IN A NEAT ARRANGEMENT IN LOCATIONS WHICH ARE THE MOST INCONSPICUOUS. VERTICAL DROPS SHALL BE KEPT TO AN ABSOLUTE MINIMUM AND THEIR FINAL LOCATIONS SHALL BE COORDINATED AND RUN WITHIN CHASES, WALLS OR SOFFITS WITH OTHER PLUMBING/ ELECTRICAL FEEDS. MECHANICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS FOR CHASE & SOFFIT LOCATIONS TO COORDINATE ALL EXPOSED PIPING ROUTING. PROVIDE PIPE ENCLOSURE FOR ALL EXPOSED PIPING LOCATED OUTSIDE THE MECHANICAL ROOM. ALL SUCH LOCATIONS SHALL BE REVIEWED WITH ARCHITECT/ENGINEER PRIOR TO INSTALLATION. ALL PIPING SHALL BE ORGANIZED NEATLY AND KEPT TIGHT TO WALLS AND CEILINGS.
- FURNISH AND INSTALL PIPE SLEEVES OR SLEEVE SEAL SYSTEMS AS REQUIRED. SEE SPECIFICATION FOR DETAILS.
- ALL DUCTWORK SHALL BE CONNECTED TO MOTORIZED EQUIPMENT WITH FLEXIBLE DUCT CONNECTORS.
- ALL RIGID DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET STEEL. FABRICATION OF DUCTWORK AND INSTALLATION SHALL BE IN ACCORDANCE WITH SMACNA STANDARDS AND RECOMMENDATIONS.
- ALL DUCTWORK SIZES SHOWN ON DRAWINGS ARE CLEAR INTERNAL DIMENSIONS.
- ALL INTERIOR DUCTWORK SHALL HAVE DUCT LINER. SEE SPECIFICATION FOR DETAILS.
- ALL INTERIOR ROUND DUCTWORK EXPOSED WITHIN FINISHED SPACES SHALL BE FACTORY FABRICATED DOUBLE WALLED SPIRAL SEAM WITH INTERSTITIAL INSULATION. SEE SPECIFICATION FOR DETAILS.
- ALL INTERIOR ROUND DUCTWORK CONCEALED OR EXPOSED IN NON-FINISHED AREA, EG ATTIC, ABOVE CEILING, ETC. SHALL BE SINGLE WALLED SPIRAL SEAM EXTERNALLY INSULATED WITH FLEXIBLE DUCTWRAP AND VAPOR BARRIER. SEE SPECIFICATIONS FOR DETAILS.
- ALL FLEXIBLE DUCTWORK SHALL BE CLASS I, LABELED UL 181. SEE SPECIFICATIONS FOR DETAILS. FLEXIBLE DUCTWORK SHALL NOT BE ACCEPTABLE FOR NEGATIVE PRESSURE APPLICATIONS.
- DURING THE INSTALLATION OF MECHANICAL EQUIPMENT AND ASSOCIATED SYSTEMS, THE CONTRACTOR SHALL IDENTIFY ANY DAMAGE TO FIREPROOFING MATERIAL CAUSED BY WORK OF THE TRADE. THE CONTRACTOR SHALL PROVIDE WRITTEN REPORT DESIGNATION LOCATIONS, TO GENERAL CONTRACTOR, BEFORE FIREPROOFING IS COVERED BY SUBSEQUENT CONSTRUCTION.
- THE MECHANICAL CONTRACTOR SHALL PROVIDE A COMPLETE SET OF "AS-BUILT" DRAWINGS INDICATING THE PRECISE LOCATION OF ALL SYSTEMS, EQUIPMENT, DUCTWORK, PIPING AND ACCESS DOORS. THESE PLANS SHALL ALSO INCLUDE ALL CHANGES AND DEVIATIONS FROM BID DOCUMENTS.
- ALL HVAC EQUIPMENT SHALL BE PROVIDED WITH MERV 13 FILTERS. EQUIPMENT THAT REQUIRES MERV 13 FILTERING INCLUDE BUT NOT LIMITED TO: PACKAGED ROOF TOP UNITS, ENERGY RECOVERY UNITS, ENERGY RECOVERY VENTILATORS, DUCTED INDOOR HEAT PUMPS, CASSETTE TYPE HEAT PUMPS, FAN COIL UNITS, AIR HANDLING UNITS, UNIT VENTILATORS AND FAN POWERED VARIABLE AIR VOLUME TERMINAL UNITS.
- AFTER COMPLETING SYSTEM INSTALLATION, TESTING, ADJUSTING, AND BALANCING UNIT AND AIR-DISTRIBUTION SYSTEMS, CLEAN FILTER HOUSINGS AND PROVIDE NEW FILTERS FOR ALL HVAC EQUIPMENT. EQUIPMENT THAT REQUIRE FILTER CHANGE INCLUDE BUT NOT LIMITED TO: PACKAGED ROOF TOP UNITS, ENERGY RECOVERY UNITS, ENERGY RECOVERY VENTILATORS, DUCTED INDOOR HEAT PUMPS, FAN COIL UNITS, CASSETTE TYPE HEAT PUMPS, AIR HANDLING UNITS, UNIT VENTILATORS AND FAN POWERED VARIABLE AIR VOLUME TERMINAL UNITS.

CODE AND REGULATION INFORMATION

1	OCCUPANCY TYPE	RETAIL
2	GOVERNING CODES AND REFERENCES	2020 BUILDING CODE OF NEW YORK STATE
		2020 MECHANICAL CODE OF NEW YORK STATE
		2020 PLUMBING CODE OF NEW YORK STATE
		2017 NATIONAL ELECTRICAL CODE
		2020 ENERGY CONSERVATION CODE OF NEW YORK STATE
		2020 FUEL GAS CODE OF NEW YORK STATE
		2020 FIRE CODE OF NEW YORK STATE

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	MC	MECHANICAL CONTRACTOR
AD	ACCESS DOOR	NAE	NETWORK AUTOMATION ENGINE
BDD	BACKDRAFT DAMPER	OAI	OUTDOOR AIR INTAKE
BOD	BOTTOM OF DUCT	PC	PLUMBING CONTRACTOR
CD	CEILING DIFFUSER	RR	RETURN REGISTER
CFM	CUBIC FEET PER MINUTE	SR	SUPPLY REGISTER
EC	ELECTRICAL CONTRACTOR	VD	VOLUME DAMPER
EG	EXHAUST GRILLE	WMS	WIRE MESH SCREEN
ER	EXHAUST REGISTER	WR	WALL REGISTER

DRAWING INDEX

DRAWING NUMBER	DRAWING TITLE
M01.01	MECHANICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS
M01.02	MECHANICAL SPECIFICATIONS
M02.01	MECHANICAL DEMOLITION PLAN
M03.01	MECHANICAL NEW WORK PLAN
M04.01	MECHANICAL SCHEDULES
M05.01	MECHANICAL DETAILS



MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com



**PROGRESS SET
NOT FOR CONSTRUCTION**
AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 240ED4842100

Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name
MEADOW HILL

Project Number
059.8400.015

Description

MECHANICAL -
MECHANICAL GENERAL NOTES, SYMBOLS &
ABBREVIATIONS

Scale
As indicated

M01.01

SPECIFICATIONS

1. GENERAL
- A. DRAWINGS AND GENERAL & SUPPLEMENTARY CONDITIONS SHALL APPLY TO: WORK OF THIS SECTION.
- B. ALL MATERIALS SHALL BE NEW AND THE BEST OF THEIR RESPECTIVE KINDS, SUITABLE FOR THE CONDITIONS AND DUTIES IMPOSED UPON SAME AT THE BUILDING. MATERIALS SHALL MATCH EXISTING FOR SIMILAR SERVICE EXCEPT AS OTHERWISE NOTED HEREIN. THEY SHALL GENERALLY BE OF REPRESENTATIVE MANUFACTURER, BRAND NAMES ARE SPECIFIED TO INDICATE A STANDARD OF QUALITY ONLY. INSTALLATION OF THE WORK SHALL BE PERFORMED BY SKILLED TRADESMEN.
- C. CODE COMPLIANCE: ALL WORK SHALL BE INSTALLED IN CONFORMANCE TO BUILDING CODES HAVING JURISDICTION INCLUDING BUT NOT LIMITED TO THE LATEST ADOPTED EDITION OF IBC, NATIONAL ELECTRICAL CODE, NATIONAL FIRE CODE, INTERNATIONAL MECHANICAL CODE, AND INTERNATIONAL FUEL GAS CODE.
- D. IF ANY UNEXPECTED DISCOVERY OF SUSPECTED HAZARDOUS MATERIALS IS MADE DURING THE COURSE OF WORK, THE CONTRACTOR SHALL REPORT THE DISCOVERY IMMEDIATELY TO THE OWNER. THE CONTRACTOR SHALL STOP ANY WORK THAT MAY DISTURB THE SUSPECTED HAZARDOUS MATERIAL. CONTRACTOR SHALL RESUME WORK AFTER ALL HAZARDOUS MATERIAL HAS BEEN REMEDIATED.
2. SUBSTITUTIONS
- A. IF CONTRACTOR IS CONSIDERING SUBSTITUTION OF BASE SPECIFICATION, SUCH EQUIPMENT SHALL MEET OR EXCEED ALL LISTED CAPACITIES, OPERATIONAL EFFICIENCIES AND POWER/CONTROL REQUIREMENTS OF BASE SPECIFIED EQUIPMENT. COSTS FOR ANY REVISIONS TO STRUCTURAL DESIGN OR MECHANICAL/ELECTRICAL REQUIREMENTS DUE TO EQUIPMENT SUBSTITUTIONS SHALL BE PAID BY CONTRACTOR.
3. VERIFYING EXISTING CONDITIONS, REMOVALS AND ALTERATIONS
- A. THE CONTRACTOR SHALL VISIT THE PREMISES TO DETERMINE EXISTING CONDITIONS AND COMPARE SAME WITH DRAWINGS AND SPECIFICATIONS AND SATISFY HIMSELF OF ALL CONDITIONS PRIOR TO A BID PROPOSAL. NO ALLOWANCE WILL BE MADE FOR FAILURE TO COMPLY WITH THESE REQUIREMENTS AND A BID PROPOSAL SHALL BE CONSTRUED AS EVIDENCE HE HAS DONE SO.
- B. THE CONTRACTOR SHALL REMOVE, RELOCATE, REPLACE, ADJUST, ADAPT AND MODIFY EXISTING EQUIPMENT AND/OR SYSTEMS AS REQUIRED BY THE DRAWINGS OR SPECIFICATIONS AND AS MAY BE REQUIRED WHEN SUCH WORK IS UNCOVERED AND FOUND TO INTERFERE WITH THE COMPLETION OF WORK IN THIS CONTRACT OR OTHER CONTRACT WORK.
- C. ALL REMOVED EQUIPMENT AND MATERIAL SHALL BE REMOVED FROM THE PROJECT SITE. PRIOR TO REMOVAL, COORDINATE DISPOSITION WITH OWNER.
- D. PROVIDE SHUTDOWNS, DRAINING AND REFILLING, RECONNECTIONS AND STARTUPS OF EXISTING SYSTEMS NECESSARY IN CONNECTION WITH THE NEW WORK. COORDINATE SHUTDOWNS WITH THE OWNERS REPRESENTATIVE.
- E. TEMPORARY SERVICES: PROVIDE TEMPORARY SERVICES DURING THE INTERRUPTION IN SERVICE CREATED BY THE DEMOLITION OF THE EXISTING FACILITY UNTIL THE NEW FACILITY BECOMES OPERATIONAL. PROCURE RENTAL EQUIPMENT OF ADEQUATE CAPACITIES AND ASSUME ALL COSTS RELATED TO THIS INSTALLATION AND OPERATION OF SAME.
4. COORDINATION
- A. MECHANICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADE.
- B. COORDINATE REFRIGERANT PIPING SIZES, ROUTING & SUPPORTS.
- C. COORDINATE LOCATION OF ROOF CURBS, EQUIPMENT SUPPORTS, AND ROOF PENETRATIONS.
- D. COORDINATE LOCATION OF MECHANICAL EQUIPMENT, PIPING AND DUCTWORK WITH THE WORK OF OTHER TRADES, PROVIDING CLEARANCES FOR INSULATION, SERVICING, REMOVAL OF COMPONENTS AND EQUIPMENT DISASSEMBLY.
- E. VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT.
- F. SEQUENCE PHASES OF MECHANICAL WORK WITH THE WORK OF OTHER TRADES.
5. SHOP DRAWINGS
- A. SUBMIT A MINIMUM FIVE (5) COPIES OF MANUFACTURER'S EQUIPMENT DRAWINGS CONSISTING OF: DIMENSIONAL PLANS, PRODUCT, AND PERFORMANCE DATA; WIRING DIAGRAMS, AND OPERATING AND MAINTENANCE INSTRUCTIONS INCLUDING TROUBLE SHOOTING PROCEDURES.
- B. WORK SHALL NOT PROCEED PRIOR TO SHOP DRAWING RELEASE BY THE ENGINEER WITH STAMPED NOTATION "NO EXCEPTIONS TAKEN" APPLIED.
6. RECORD DRAWINGS
- A. REPRODUCIBLE RECORD DRAWINGS SHALL BE SUPPLIED UPON WHICH CORRECTIONS SHALL BE MADE TO PROVIDE AN ACCURATE AND COMPLETE RECORD OF THE WORK AS INSTALLED.
- B. AS-BUILT INFORMATION SHALL BE SUBMITTED AS FOLLOWS: WORK SHALL NOT PROCEED PRIOR TO SHOP DRAWING RELEASE BY THE ENGINEER WITH STAMPED NOTATION "NO EXCEPTIONS TAKEN" APPLIED.
- a. ONE (1) SET OF REPRODUCIBLE DRAWINGS.
- b. TWO (2) SETS OF PRINTS.
7. DELIVERY AND STORAGE: DELIVER FACTORY FURNISHED MATERIALS AND EQUIPMENT IN PROPER CONTAINERS AND STORE IN AREA PROTECTED FROM WEATHER, FUMES AND VANDALISM.
8. REMOVALS: REMOVE EXISTING MATERIALS AND EQUIPMENT INDICATED AND REPLACE WITH NEW MATERIALS AS INDICATED.
9. CUTTING AND PATCHING
- A. PERFORM CUTTING AND PATCHING IN A COMPETENT AND WORKMANLIKE MANNER WITHOUT DAMAGE TO WORK OR STRUCTURES TO REMAIN.
- B. CUT REMOVE AND LEGALLY DISPOSE OF DESIGNATED MATERIALS, EQUIPMENT AND COMPONENTS, INCLUDING BUT NOT LIMITED TO GYPSUM BOARD, CONCRETE, CEILING TILE, DUCTS, PIPING AND OTHER MATERIALS REQUIRING REMOVAL TO INSTALL THE NEW WORK.
- C. PROTECT THE STRUCTURE, FURNISHINGS, FINISHES AND ADJACENT MATERIALS NOT INDICATED OR SCHEDULED TO BE REMOVED.
- D. PROVIDE AND MAINTAIN TEMPORARY PARTITIONS OR DUST BARRIERS ADEQUATE TO PREVENT THE SPREAD OF DUST AND DIRT TO ADJACENT AREAS.
- E. PATCH EXISTING FINISHED SURFACES AND BUILDING COMPONENTS USING NEW MATERIALS MATCHING EXISTING MATERIALS. USE EXPERIENCED INSTALLERS TO RESTORE SURFACE OF MATERIALS BEING PATCHED.
10. GUARANTEE: THE CONTRACTOR SHALL GUARANTEE, IN WRITING, FOR A PERIOD OF ONE YEAR, COMMENCING FROM THE DATE OF ACCEPTANCE BY THE OWNER, ALL MATERIALS AND WORKMANSHIP PROVIDED AS PART OF THIS PROJECT.
11. INSPECTION
- A. UNLESS OTHERWISE INDICATED, THE ARRANGEMENT, POSITION, CONNECTIONS, ETC., SHOWN ON THE DRAWINGS SHALL BE TAKEN AS DIAGRAMMATIC.
- B. THE RIGHT IS RESERVED BY THE ENGINEER TO MAKE MINOR CHANGES IN LOCATIONS AND ARRANGEMENTS WHEN REQUIRED BY JOB DEVELOPMENT WITHOUT ADDITIONAL COMPENSATION TO THIS CONTRACTOR.
12. SHEET METAL WORK AND ACCESSORIES
- A. ALL INTERIOR DUCTWORK SHALL BE CONSTRUCTED OF PRIME QUALITY GALVANIZED SHEET STEEL, ASTM A527, G-90 GALVANIZED.
- B. ALL EXTERIOR DUCTWORK SHALL BE CONSTRUCTED OF PRIME QUALITY GALVANIZED SHEET STEEL, ASTM A527, G-90 GALVANIZED.
- C. MATERIAL GAUGES AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH SMACNA LOW PRESSURE DUCT CONSTRUCTION STANDARDS FOR 2" W.G. POSITIVE PRESSURE SUPPLY AND 1" W.G. NEGATIVE PRESSURE DUCT.
- D. PROVIDE 3/8" - 1/2" SCALE SHEET METAL SHOP DRAWINGS OF DUCT LAYOUT INDICATING GAUGES, PRESSURES, FITTINGS, REINFORCING DETAILS, SPACING, SEAM AND JOINT CONSTRUCTION DETAILS.
- E. ALL SHEET METAL DUCTWORK SEAMS, JOINTS AND FLANGES SHALL BE COATED WITH A WATER BASED LOW VOC MASTIC SEALANT APPROVED FOR SUCH USE.
13. DUCT LINER
- A. COMPLY WITH NFPA STANDARD 90A ASTM STANDARD AHC-101, ASTM C 1071, TYPE 2, WITH COATED SURFACE EXPOSED TO AIR STREAM TO PREVENT EROSION OF GLASS FIBERS.
- B. LINER SHALL BE BY JOHNS MANVILLE CO LINACOUSTIC RC OR APPROVED EQUAL.
- C. INTERIOR DUCTWORK
- a. THICKNESS 1 INCH, DENSITY 1 1/2 POUNDS, THERMAL PERFORMANCE: "K-FACTOR" EQUAL TO 0.28 OR BETTER, AT A MEAN TEMPERATURE OF 75 DEG. F. FLAME SPREAD RATING NOT MORE THAN 25, SMOKE DEVELOPED RATING NO HIGHER THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM TEST E-84, MINIMUM R-6 VALUE.
- E. LINER ADHESIVE SHALL COMPLY WITH NFPA STANDARD 90A AND ASTM C 916. LINER TO BE AFFIXED TO DUCT WITH LOW VOC ADHESIVE AND WELD PINS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. INCREASE DUCT SIZE TO COMPENSATE FOR LINER THICKNESS.
14. DUCT INSULATION
- A. PROVIDE 2" THICK, 1 1/2 PCF DENSITY FIBERGLASS BLANKET INSULATION, ASTM C 533 WITH FOIL FACED VAPOR BARRIER JACKET WITH SELF SEALING LAP ON ALL UNLINED SUPPLY AND RETURN AIR DUCT WORK. MINIMUM R-6 VALUE.
- B. UL LISTED WITH FLAME SPREAD RATING OF 25 OR LESS AND SMOKE DEVELOPED RATING 50 OR LESS. PROVIDE TIGHT CLOSURE AT POINT OF CONNECTION TO EXISTING INSULATION.
16. FLEXIBLE DUCT
- O. PROVIDE FLEXIBLE AIR DUCT WHERE INDICATED ON PLANS ONLY.
- P. DUCT SHALL BE LISTED BY UNDERWRITERS LABORATORIES UNDER UL STANDARD 181 AS A CLASS 1 FLEXIBLE AIR DUCT AND COMPLYING WITH NFPA STANDARDS 90A AND 90B.
- Q. DUCT SHALL BE FACTORY FABRICATED, INSULATED, ROUND DUCT, WITH OUTER JACKET ENCLOSING 1" THICK GLASS FIBER INSULATED AROUND A CONTINUOUS INNER LINER. REINFORCEMENT SHALL BE STEEL WIRE HELIX ENCAPSULATED IN THE INNER LINER. OUTER JACKET SHALL BE GLASS-REINFORCED SILVER MYLAR WITH CONTINUOUS HANGING TAB, INTEGRAL FIBERGLASS TAPE, AND NYLON HANGING CORD. INNER LINER SHALL BE POLYETHYLENE FILM. FLEXIBLE DUCT CLAMPS SHALL BE STAINLESS STEEL WITH CADMIUM PLATED HEX SCREWS. MINIMUM INSULATION R-4.2 VALUE.
18. AIR OUTLETS
- Q. FURNISH & INSTALL SUPPLY AIR CEILING DIFFUSERS & REGISTERS, RETURN/EXHAUST AIR CEILING REGISTERS & GRILLES WITH ALL ALUMINUM OR STEEL CONSTRUCTION. THE FINISH SHALL BE BAKED ENAMEL WITH COLORS TO BE SELECTED BY THE ARCHITECT, MANUFACTURED BY TITUS OR APPROVED EQUAL.
- R. CONFIGURATION: VOLUME-DAMPER ASSEMBLY AND CONTROL COMPONENTS INSIDE UNIT CASING.
- S. CASINGS: STEEL OR ALUMINUM SHEET METAL OF THE FOLLOWING MINIMUM THICKNESSES: UPSTREAM PRESSURE SIDE:0.0239-INCH STEEL, DOWNSTREAM PRESSURE SIDE: 0.0179-INCH STEEL.
- T. ACCESS: REMOVABLE PANELS TO PERMIT ACCESS TO DAMPERS AND OTHER PARTS REQUIRING SERVICE, ADJUSTMENT, OR MAINTENANCE; WITH AIRTIGHT GASKET AND QUARTER TURN LATCHES.
- U. VOLUME DAMPER: CONSTRUCT OF GALVANIZED STEEL WITH PERIPHERAL GASKET AND SELF-LUBRICATING BEARINGS, MAXIMUM DAMPER LEAKAGE: 2 PERCENT OF NOMINAL AIRFLOW AT 1-INCH WG INLET STATIC PRESSURE. DAMPER POSITION: NORMALLY CLOSED.
- V. REGULATOR ASSEMBLY: EXTRUDED-ALUMINUM OR 20-GAGE GALVANIZED-STEEL COMPONENTS, KEY DAMPER BLADES INTO SHAFT WITH NYLON-FITTED PIVOT POINTS LOCATED INSIDE UNIT CASING.
19. CONTROLS: DAMPER OPERATOR, THERMOSTAT, AND OTHER DEVICES SHALL BE COMPATIBLE WITH THE EXISTING TEMPERATURE CONTROLS & BUILDING MANAGEMENT SYSTEM (BMS).
20. TESTING AND BALANCING
- A. INDEPENDENT TESTING AND BALANCING AGENCY SHALL BE RETAINED BY THE CONTRACTOR TO BALANCE THE AIR AND WATER SYSTEMS. THE TEST AND BALANCE AGENCY SHALL HAVE A PROFESSIONAL ENGINEER ON STAFF OR RETAINED AS A CONSULTANT.
- B. THE BALANCER SHALL PERFORM WORK IN ACCORDANCE WITH THE AABC NATIONAL STANDARDS FOR TOTAL SYSTEM BALANCE AND THE LATEST EDITION OF THE ASHRAE HANDBOOK.
- C. MECHANICAL CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTS AND AS-BUILT CONDITIONS PERTAINING TO THE HVAC SYSTEMS. MECHANICAL CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIAL, PARTS, SUPPLIES AND LABOR TO BALANCE ALL HVAC EQUIPMENT TO OWNER'S SATISFACTION.
- D. SUBMIT CERTIFIED REPORTS CONTAINING SEAL AND SIGNATURE OF THE TEST AND AIR BALANCE ENGINEER CERTIFYING THAT THE SYSTEM WAS TESTED AND BALANCED WITHIN TEN PERCENT (10%) IN ACCORDANCE WITH REFERENCED STANDARDS, AND IS OPERATING ACCORDING TO THE CONTRACT DOCUMENTS.
- E. REPORTS SHALL INCLUDE A SINGLE LINE DIAGRAM OF AIR SYSTEMS WITH AIR OUTLETS IDENTIFIED NUMERICALLY. AIR OUTLETS WILL BE TABULATED IN COLUMNAR FORM WITH THE FOLLOWING DATA PROVIDED FOR EACH NUMERICALLY IDENTIFIED OUTLET:
- d. REGISTER SIZE
- e. DIFFUSER SIZE
- f. FREE AREA IN SQUARE FEET, AIR VELOCITY, REGISTER CONSTANT, CFM.
- g. FOR EACH FAN SUBMIT DESIGN AND RECORDED CFM, STATIC PRESSURE, FAN RPM AND MOTOR AMPERAGE IN SEPARATE VERTICAL COLUMNS.
21. ELECTRIC CONTROLS: 24-V DAMPER ACTUATOR WITH WALL MOUNTED ELECTRIC THERMOSTAT AND APPROPRIATE MOUNTING HARDWARE.
30. HANGERS AND SUPPORTS
- W. DUCTWORK
- a. PROVIDE HANGERS AND SUPPORTS FOR ALL RIGID DUCTWORK OF COMPATIBLE MATERIAL AS REQUIRED IN ACCORDANCE WITH SMACNA AND ASHRAE RECOMMENDATIONS.
- b. DUCTWORK SHALL BE SUPPORTED WHERE REQUIRED WITH RESTRAINING CABLES OR STRAPS.
- c. ROUND FLEXIBLE DUCTWORK TO BE SUPPORTED AS RECOMMENDED BY DUCT MANUFACTURER.
31. VIBRATION ISOLATION SYSTEMS
- A. ALL ROTATING, REVOLVING OR RECIPROCATING EQUIPMENT, SHALL BE FURNISHED WITH SEISMICALLY DESIGNED VIBRATION ISOLATORS, TO PREVENT THE TRANSMISSION OF OBJECTIONABLE NOISES, SOUND OR VIBRATIONS TO THE OCCUPIED SPACES AND TO THE BUILDING STRUCTURES.
- B. VIBRATION ISOLATORS FOR CEILING SUPPORTED EQUIPMENT SHALL BE SUPPORTED FROM STRUCTURE ABOVE AND HAVE A MAXIMUM LATERAL MOTION UNDER EQUIPMENT STARTUP OR SHUTDOWN CONDITIONS OF 1/4". MOTIONS IN EXCESS SHALL BE RESTRAINED BY SPRING TYPE MOUNTINGS.
- C. VIBRATION ISOLATOR SHALL BE PROVIDED BY ONE OF THE FOLLOWING MANUFACTURERS:
- a. MASON INDUSTRIES
- b. VIBRATION ELIMINATOR CO.
- c. CONSOLIDATED KINETICS CO.
- d. OR APPROVED EQUAL.
34. EQUIPMENT SUPPORTS (CURBS)
- PERFORMANCE REQUIREMENTS:
- A. DELEGATED DESIGN: DESIGN RTU SUPPORTS TO COMPLY WITH WIND AND SEISMIC PERFORMANCE REQUIREMENTS, INCLUDING COMPREHENSIVE ENGINEERING ANALYSIS BY A QUALIFIED PROFESSIONAL ENGINEER, USING PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA INDICATED.
- B. WIND-RESTRAINT PERFORMANCE:
- af. BASIC WIND SPEED: 115 MPH.F MEMBRANE SYSTEM.
- C. MANUFACTURER WIND LOADING QUALIFICATION CERTIFICATION: SUBMIT CERTIFICATION THAT SPECIFIED EQUIPMENT WILL WITHSTAND WIND FORCES IDENTIFIED IN "PERFORMANCE REQUIREMENTS" ARTICLE AND IN DIVISION 23 SECTION "VIBRATION AND SEISMIC CONTROLS FOR HVAC PIPING AND EQUIPMENT."
- b. BASIS FOR CERTIFICATION: INDICATE WHETHER WITHSTAND CERTIFICATION IS BASED ON ACTUAL TEST OF ASSEMBLED COMPONENTS OR ON CALCULATIONS.
- c. DIMENSIONED OUTLINE DRAWINGS OF EQUIPMENT UNIT: IDENTIFY CENTER OF WIND FORCE AND LOCATE AND DESCRIBE MOUNTING AND ANCHORAGE PROVISIONS.
- d. DETAILED DESCRIPTION OF EQUIPMENT ANCHORAGE DEVICES ON WHICH THE CERTIFICATION IS BASED AND THEIR INSTALLATION REQUIREMENTS.
- D. COORDINATION DRAWINGS: PLANS AND OTHER DETAILS, DRAWN TO SCALE, ON WHICH THE FOLLOWING ITEMS ARE SHOWN AND COORDINATED WITH EACH OTHER, USING INPUT FROM INSTALLERS OF THE ITEMS INVOLVED:
- e. STRUCTURAL MEMBERS TO WHICH RTUS WILL BE ATTACHED.
- f. ROOF OPENINGS
- g. ROOF CURBS AND FLASHING.
- E. FIELD QUALITY-CONTROL TEST REPORTS.
- F. OPERATION AND MAINTENANCE DATA: FOR RTUS TO INCLUDE IN EMERGENCY, OPERATION, AND MAINTENANCE MANUALS.



MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com



**PROGRESS SET
NOT FOR CONSTRUCTION**
AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 240ED4842100

△ Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name
MEADOW HILL
Project Number
059.8400.015
Description

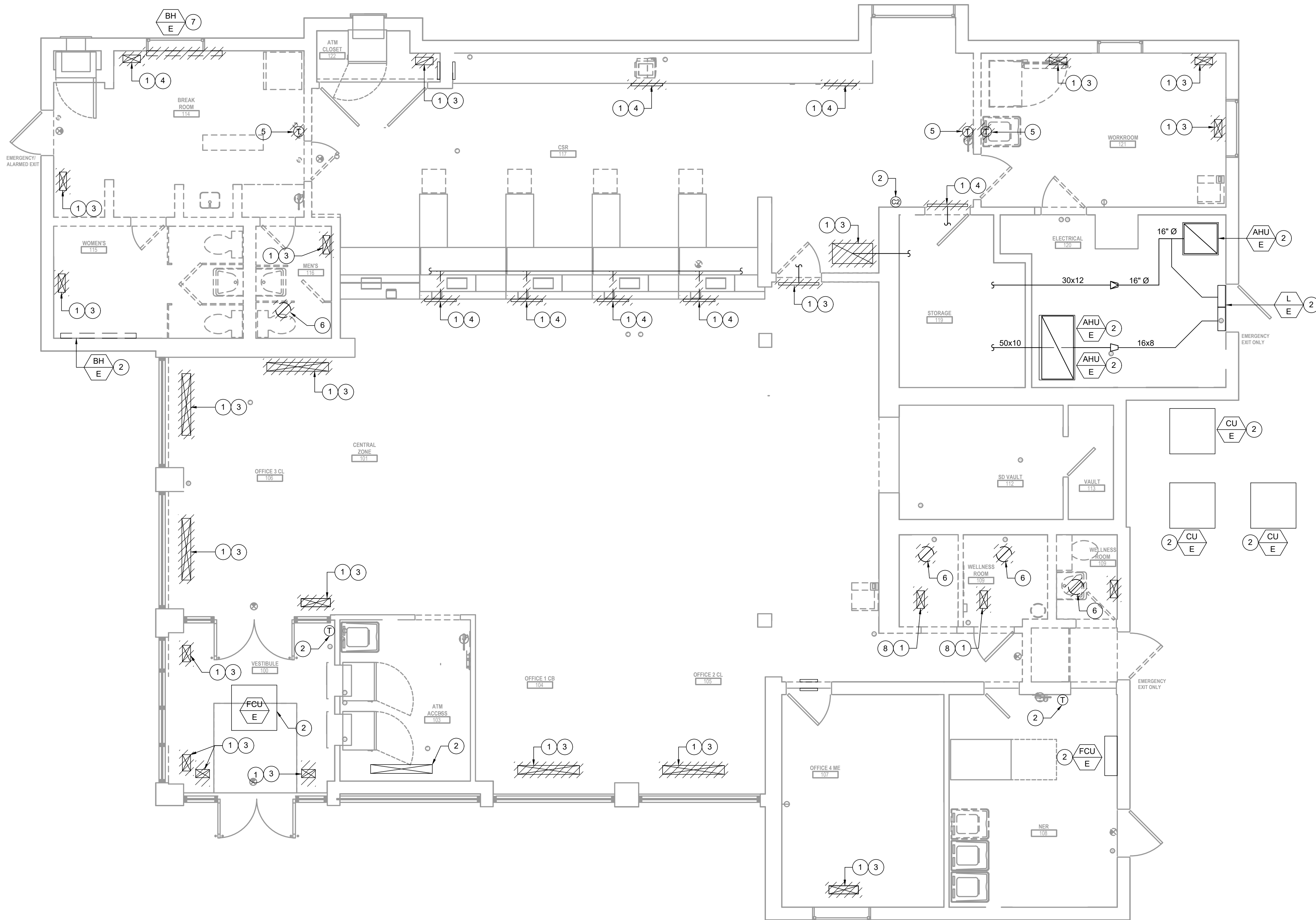
MECHANICAL -
MECHANICAL SPECIFICATIONS

Scale
As indicated

M01.02

DEMOLITION PLAN

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



DEMOLITION KEY NOTES

- 1 CONTRACTOR SHALL MEASURE AND DOCUMENT EXISTING SUPPLY AND RETURN AIRFLOW, STATIC PRESSURE AND TEMPERATURE FOR USE IN BALANCING SYSTEM AFTER INSTALLATION. PROVIDE REPORT TO ENGINEER/ARCHITECT PRIOR TO DEMOLITION. SEE NEW WORK FOR ADDITIONAL INFORMATION.
- 2 EXISTING TO REMAIN.
- 3 REMOVE AND DISCARD EXISTING SUPPLY/RETURN REGISTER. MAKE REMAINING DUCTWORK READY FOR CONNECTION TO NEW. PATCH ANY SURFACES DISTURBED OR LEFT UNFINISHED BY THIS WORK TO MATCH ADJACENT SURFACES.
- 4 REMOVE AND DISCARD EXISTING SIDEWALL SUPPLY REGISTER AND PORTION OF DUCTWORK BACK TO POINT BELOW FLOOR. PREPARE REMAINING DUCTWORK FOR EXTENSION TO NEW REGISTER. SEE NEW WORK FOR ADDITIONAL INFORMATION. PATCH ALL SURFACES DISTURBED OR LEFT UNFINISHED BY THIS WORK TO MATCH ADJACENT SURFACES.
- 5 EXISTING THERMOSTAT TO BE RELOCATED. DISCONNECT AND REMOVE THERMOSTAT. CONTROL WIRING AND ALL ASSOCIATED ACCESSORIES. CONTRACTOR SHALL MAINTAIN INTEGRITY OF CONTROL SYSTEM AND CONFIRM PROPER OPERATION AFTER COMPLETE INSTALLATION AT NEW LOCATION. PATCH ALL SURFACES DISTURBED OR LEFT UNFINISHED BY THIS WORK TO MATCH ADJACENT SURFACES.
- 6 REMOVE AND DISCARD EXISTING INLINE EXHAUST FAN. REMOVE AND DISCARD ASSOCIATED DUCTWORK AND ROOF JACK/CURB TO REMAIN. PROVIDE AND INSTALL NEW WEATHER TIGHT CAP ON EXISTING ROOF JACK/CURB. SEE DETAIL FOR ADDITIONAL INFORMATION. PATCH ALL SURFACES DISTURBED OR LEFT UNFINISHED BY THIS WORK TO MATCH ADJACENT SURFACES.
- 7 REMOVE AND DISCARD EXISTING ELECTRIC BASEBOARD HEATER COVER, HEATING ELEMENT AND ALL ASSOCIATED SUPPORTS AND ACCESSORIES. PATCH ALL SURFACES DISTURBED OR LEFT UNFINISHED BY THIS WORK TO MATCH ADJACENT SURFACES.
- 8 REMOVE AND DISCARD EXISTING SUPPLY REGISTER, DAMPERS AND DUCTWORK BACK TO MAIN AND SEAL AIRTIGHT. PATCH ALL SURFACES DISTURBED OR LEFT UNFINISHED BY THIS WORK TO MATCH ADJACENT SURFACES.



MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com



**PROGRESS SET
NOT FOR CONSTRUCTION**
AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 24GED4842100

△ Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

**NOT FOR
CONSTRUCTION**

Project Name

MEADOW HILL

Project Number

059.8400.015

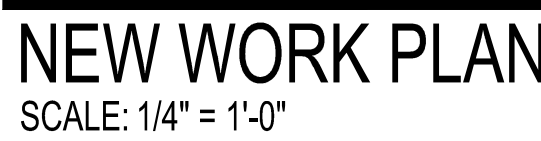
Description

MECHANICAL -
MECHANICAL DEMOLITION PLAN

Scale

As indicated

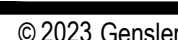
M02.01



1. CONTRACTOR SHALL ADJUST OPENINGS AS REQUIRED TO ACCOMMODATE NEW GRILLES AND TO CONNECT TO EXISTING DUCT MAINS.

1. CONTRACTOR SHALL ADJUST OPENINGS AS REQUIRED TO ACCOMMODATE NEW GRILLES AND TO CONNECT TO EXISTING DUCT MAINS.

- 1 CONTRACTOR SHALL PROVIDE SUPPLY GRILLE SAME SIZE OF EXISTING SUPPLY GRILLE AND CONNECT TO EXISTING SUPPLY DUCT. BALANCE TO OPERATE AT COORDINATE FINISH WITH ARCHITECT.
- 2 PROVIDE, EXTEND AND MODIFY DUCTWORK AS REQUIRED TO MAKE FINAL CONNECTION TO NEW REGISTER.
- 3 RELOCATED THERMOSTAT.
- 4 PROVIDE EXISTING AIR HANDLING UNITS WITH NEW FILTERS OF EQUAL SIZE AND PERFORMANCE TO EXISTING.
- 5 CONTRACTOR SHALL ENSURE COMPLETE AND OPERATIONAL SYSTEM AFTER COMPLETION OF CONSTRUCTION.
- 6 PROVIDE CEILING MOUNTED EXHAUST FAN AND INTERLOCK OPERATION WITH LIGHT SWITCH.
- 7 PROVIDE CEILING MOUNTED CABINET UNIT HEATER WITH REMOTE WALL MOUNTED THERMOSTAT.



VENTILATION SCHEDULE														
ROOM NO	ROOM NAME	AREA SQ FT	PROGRAM OCCUPANT LOAD	OUTSIDE AIR PER PERSON REQUIRED	OUTSIDE AIR PER SF REQUIRED	OUTSIDE AIR REQUIRED CFM	SPACE VENT EFFECT	REQUIRED OUTDOOR AIR CFM	ACTUAL CFM					EQUIPMENT SERVING SPACE
									OUTSIDE AIR	SUPPLY AIR	RETURN AIR	EXH AIR	TRANSF AIR	
100	VESTIBULE	126	0	0	0.06	7.560000	0.8	9.450000						
101	CENTRAL ZONE	213	2	5	0.06	22.780000	0.8	28.475000						
102	WAITING	619	6	5	0.06	67.140000	0.8	83.925000						
104	OFFICE 1 CB	98	3	5	0.06	20.880000	0.8	26.100000						
105	OFFICE 2 CL	103	3	5	0.06	21.180000	0.8	26.475000						
106	OFFICE 3 CB	90	3	5	0.06	20.400000	0.8	25.500000						
107	OFFICE 4 ME	151	3	5	0.06	24.060000	0.8	30.075000						
109	WELLNESS ROOM	75	1	5	0.06	9.500000	0.8	11.875000						
110	SD LOBBY	94	0	0	0.06	5.640000	0.8	7.050000						
111	COUPON BOOTH	35	1	5	0.06	7.100000	0.8	8.875000						
114	BREAKROOM	154	3	5	0.06	24.240000	0.8	30.300000						
115	WOMEN'S	59	0	0	0	0	0.8	0.000000				75		
116	MEN'S	59	0	0	0	0	0.8	0.000000				75		
117	CSR	243	5	5	0.06	39.580000	0.8	49.475000						
118	CALLING CUBES	227	3	5	0.06	28.620000	0.8	35.775000						
121	WORKROOM	95	1	5	0.06	10.700000	0.8	13.375000						
NOTES:														
1. BASED ON 2015 IMC TABLE 403.3.														

GRILLES, REGISTERS, AND DIFFUSERS SCHEDULE									
MARK	MAKE	MODEL	CFM RANGE	NECK	SIZE	DESCRIPTION			REMARKS
S-1	TITUS	300RS	SEE DRAWING	N/A	SEE DRAWING	DOUBLE DEFLECTION HEAVY DUTY SIDEWALL SUPPLY AIR REGISTER - 1/2" FRONT, 3/4" REAR BLADE SPACING, FRONT BLADES PARALLEL TO SHORT DIMENSION, ALL STEEL CONSTRUCTION; WITH OBD.			SEE NOTES
S-2	TITUS	CT-540	SEE DRAWING	N/A	SEE DRAWING	ALUMINUM FLOOR-MOUNTED LINEAR SUPPLY AIR GRILLE - BLADES AT 1/2" O. C., 0" DEFLECTION, BLADES PARALLEL TO LONG DIMENSION.			SEE NOTES
R-1A	TITUS	50F	0 - 800	10"x22"	12"x24"	EGGCRATE RETURN AIR GRILLE - CORE OF 1/2"x1/2"x1" ALUMINUM GRID. PROVIDE SQUARE TO ROUND TRANSITION AS NEEDED.			SEE NOTES
R-1B	TITUS	50F	805 -2000	22"x22"	24"x24"	EGGCRATE RETURN AIR GRILLE - CORE OF 1/2"x1/2"x1" ALUMINUM GRID. PROVIDE SQUARE TO ROUND TRANSITION AS NEEDED.			SEE NOTES
R-2	TITUS	355ZRL	SEE DRAWING	N/A	SEE DRAWING	SINGLE DEFLECTION HEAVY DUTY RETURN AIR REGISTER - BLADES AT 1/2" O. C., 0" DEFLECTION, BLADES PARALLEL TO LONG DIMENSION, STEEL CONSTRUCTION; WITH OBD.			SEE NOTES
NOTES:									
1. MAXIMUM NOISE CRITERION < 30.									
2. FINISH WITH STANDARD WHITE BAKED ENAMEL FINISH (#26 WHITE), UNO.									
3. FURNISH "RAPID-MOUNT" FRAMES FOR S-1 & R-1 DEVICES LOCATED IN DRYWALL CEILINGS.									
4. COORDINATE MOUNTING FRAME WITH CEILING/WALL CONSTRUCTION TYPE.									
5. PROVIDE DIRECTIONAL BLOW CLIPS WHERE REQUIRED.									
6. PROVIDE REMOTE CABLE OPERATED VOLUME DAMPERS LOCATED IN INACCESSIBLE CONSTRUCTION.									

FAN SCHEDULE														EF X
PLAN NO	MANUFACTURER MODEL	LOCATION	AREA SERVED	FAN TYPE	FAN PERFORMANCE			ELECTRICAL DATA				dBa	WEIGHT LBS	REMARKS
					CFM	TOTAL SP	FAN RPM	HP/ WATTS	RPM	VOLTS/Ø	DRIVE			
EF-1	GREENHECK	CEILING	MEN'S	CENTRIFUGAL	75	0.5	1285	26 WATTS	-	115/1	DIRECT	34	24	
EF-2	GREENHECK	CEILING	WOMEN'S	CENTRIFUGAL	75	0.5	1285	26 WATTS	-	115/1	DIRECT	34	24	
NOTES: 1. MOUNT FAN ON MINIMUM 12" HIGH ROOF CURB. 2. PROVIDE SOLID STATE SPEED CONTROL NEMA-1 TOGGLE SWITCH, BIRDSCREEN & BACKDRAFT DAMPER. 3. PROVIDE ELECTRICAL DISCONNECT, VIBRATION ISOLATION SUPPORT RODS WITH MOUNTING BRACKETS, SPEED CONTROLLER AND ROUND DUCT CONNECTION. 4. PROVIDE CONTROLS FROM ATC CONTRACTOR. 5. INTERLOCK FAN OPERATION WITH LIGHT SWITCH SERVING SPACE.														

ELECTRIC CABINET HEATER SCHEDULE											<div>CH X</div>	
PLAN NO	MANUFACTURER MODEL	LOCATION	HTG CAP KW	MBH	ELECTRICAL DATA			DIMENSION (IN.)			WEIGHT LBS	REMARKS
					VOLTS/Ø	MCA	MOP	LENGTH	WIDTH	HEIGHT		
CUH-1	INDEECO CCI	BREAKROOM	3	10.2	208/1	14.8		5.44	16.13	22.06	20	SEE NOTES
NOTES:												
1. MOUNT UNIT FROM STRUCTURE VIA 4 POINTS WITH VIBRATION ISOLATION SUPPORT RODS AND MOUNTING BRACKETS AS PER MANUFACTURER'S RECOMMENDATIONS.												
2. PROVIDE REMOTE WALL THERMOSTAT WITH TAMPER RESISTANT COVER.												
3. PROVIDE DISCONNECT SWITCH.												
4. PROVIDE KEY LOCK FOR FRONT COVER.												
5. COLOR AS SELECTED BY ARCHITECT FROM ALL AVAILABLE COLORS.												



MEDIUM RENOVATION
1414 NY-300,
NEWBURGH, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA
FRENCH & PARRELLO
ASSOCIATES

Corporate Office:
1800 Rte 34, Suite 101
Wall, New Jersey 07719
732.312.9800
FPAengineers.com

New Jersey • New York • Pennsylvania • Georgia

PROGRESS SET
NOT FOR CONSTRUCTION
AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 24GED4842100

△	Date	Description
	06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

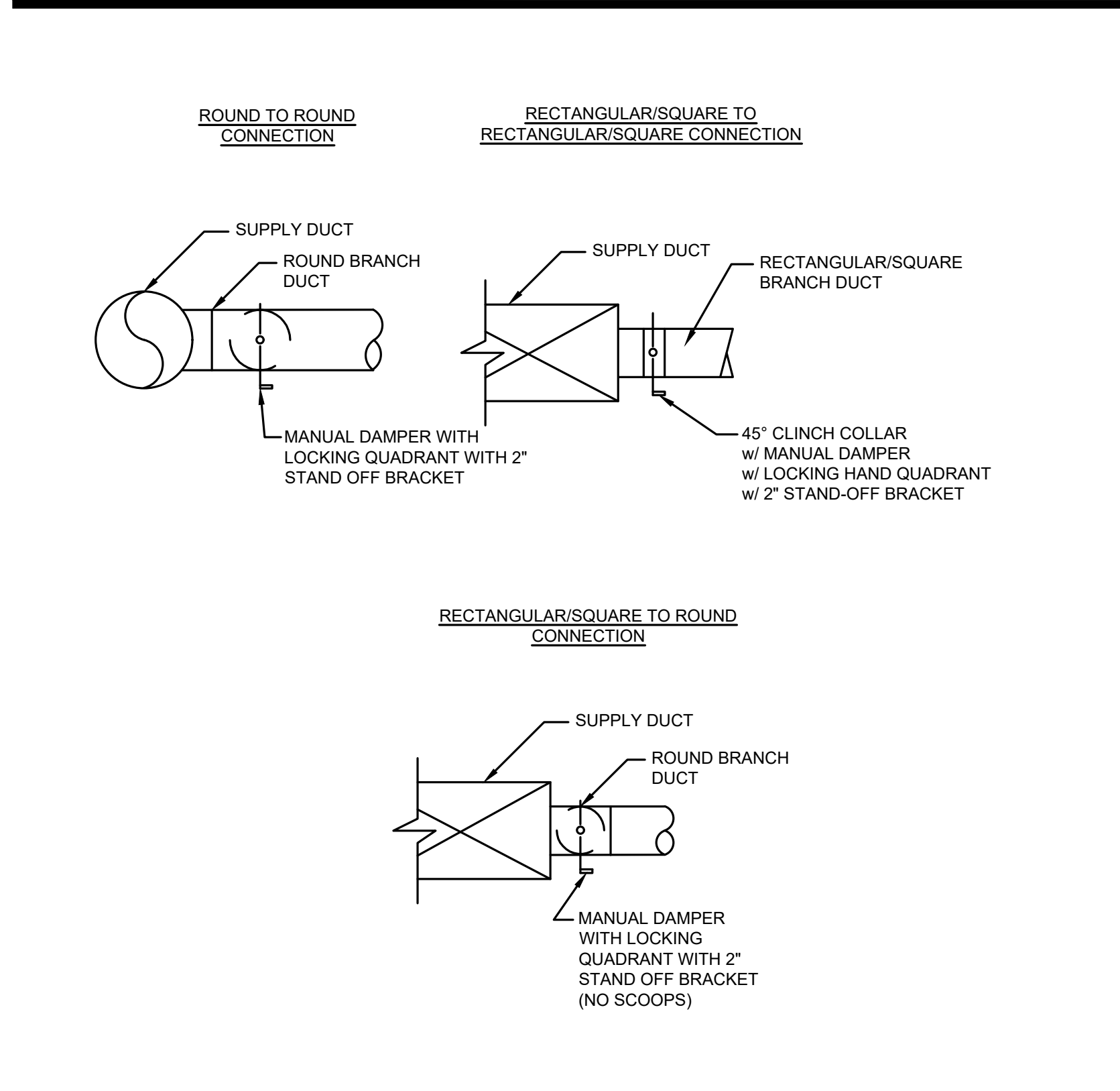
**NOT FOR
CONSTRUCTION**

Project Name
MEADOW HILL
Project Number
059.8400.015
Description

MECHANICAL -
MECHANICAL SCHEDULES

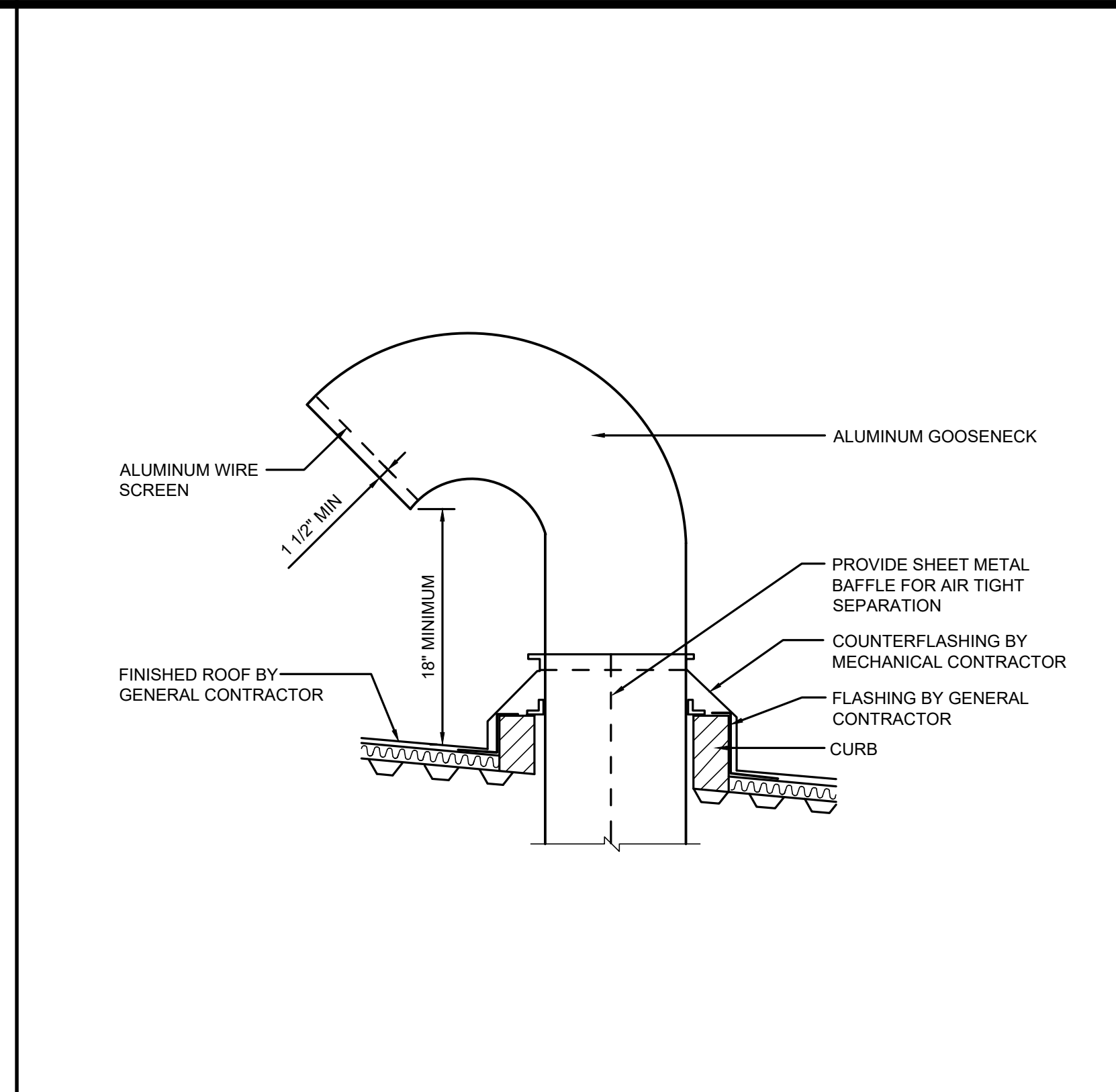
Scale
As indicated

M04.01



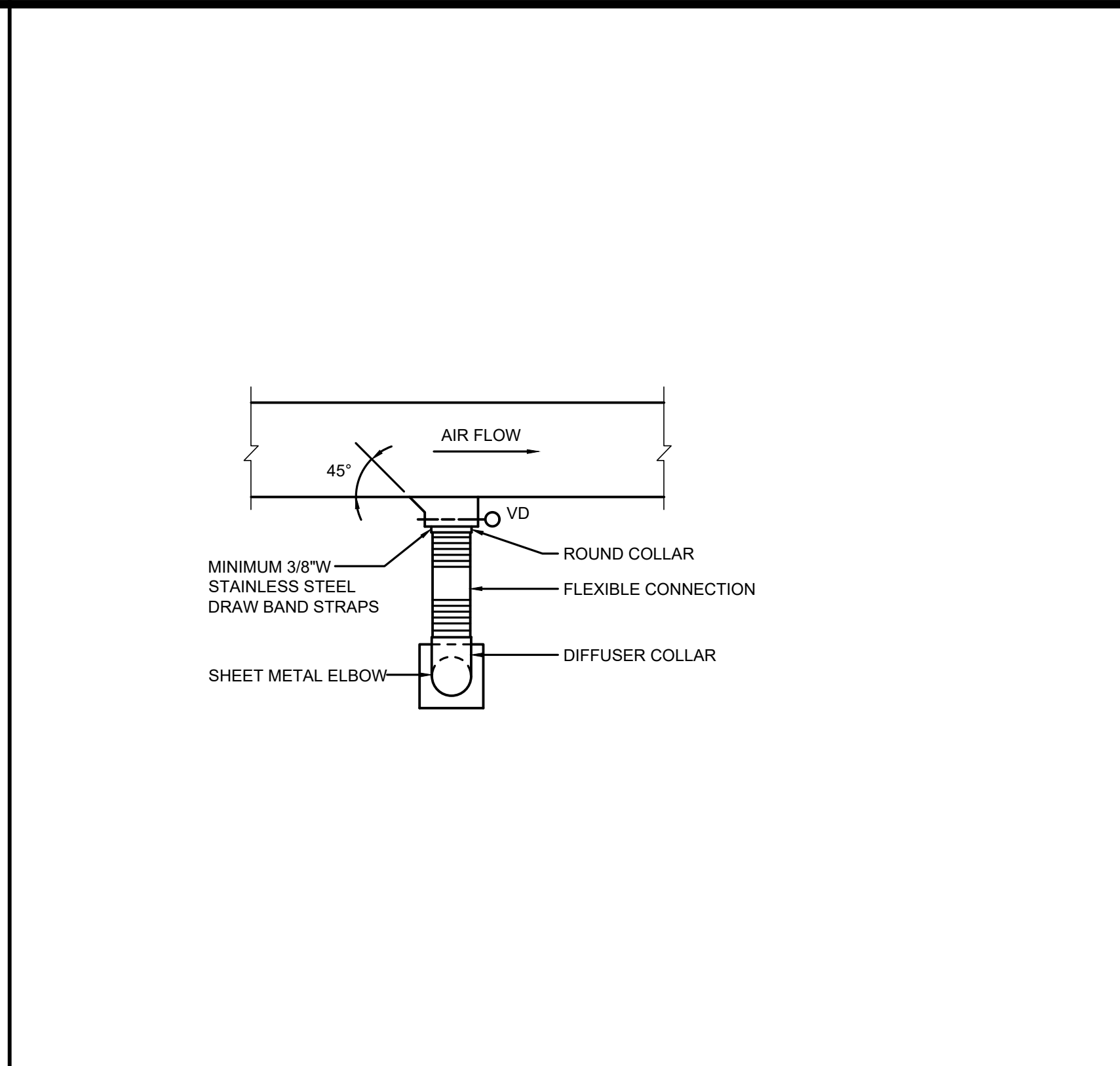
BRANCH DUCT CONNECTION DETAIL
NOT TO SCALE

1



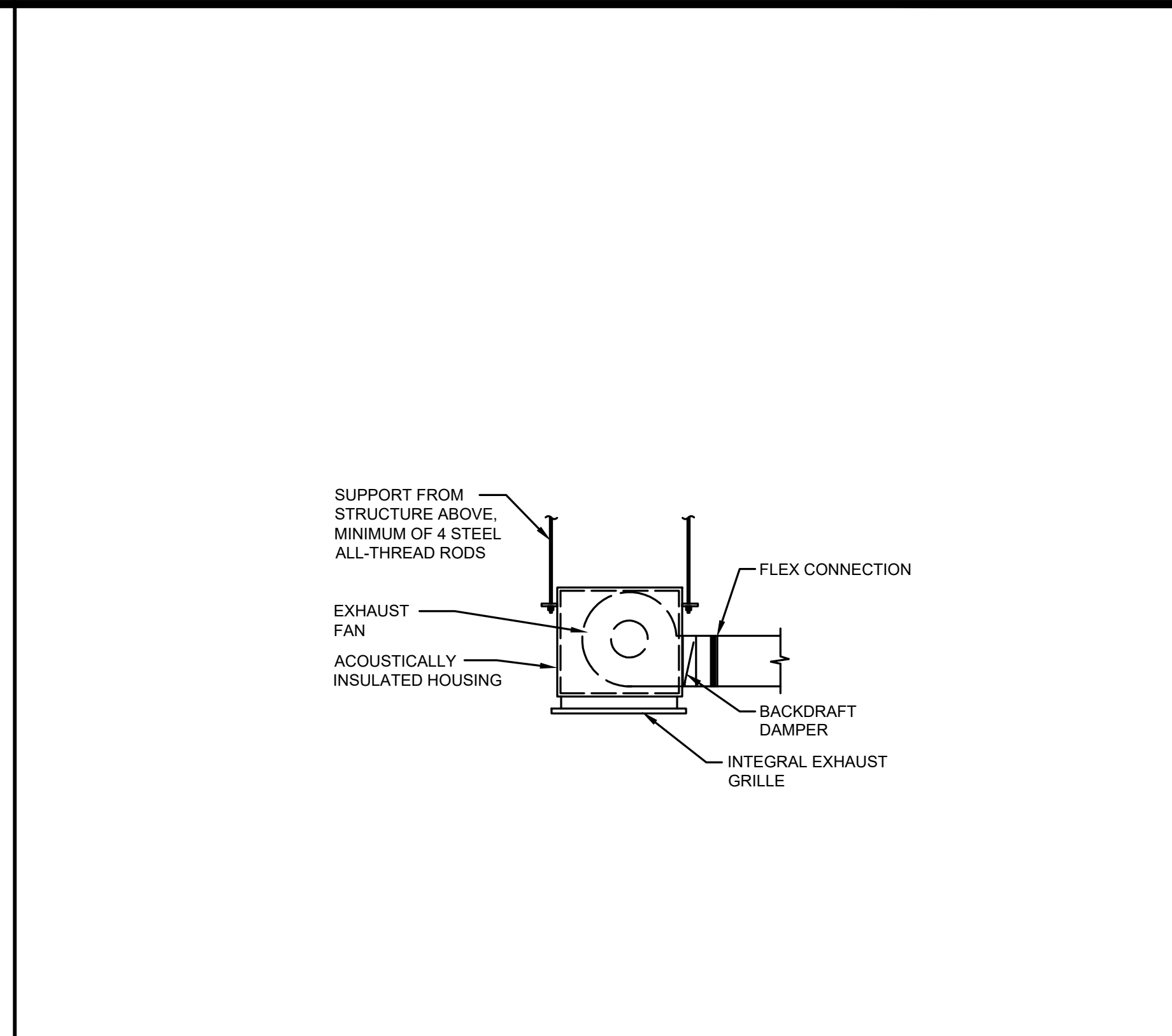
EXHAUST RELIEF VENT DETAIL
NOT TO SCALE

2



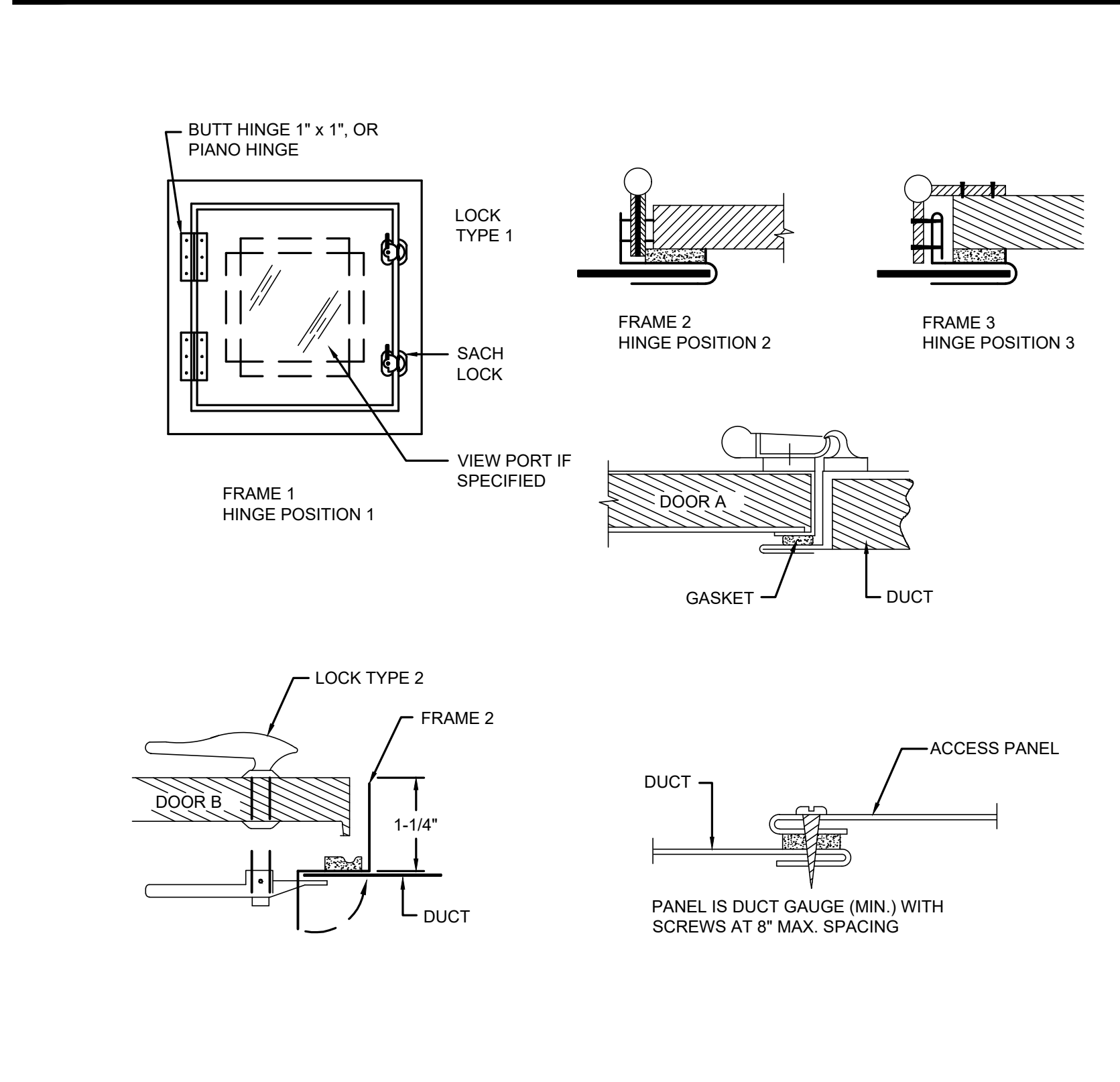
BRANCH DUCT CONNECTION DETAIL
NOT TO SCALE

3



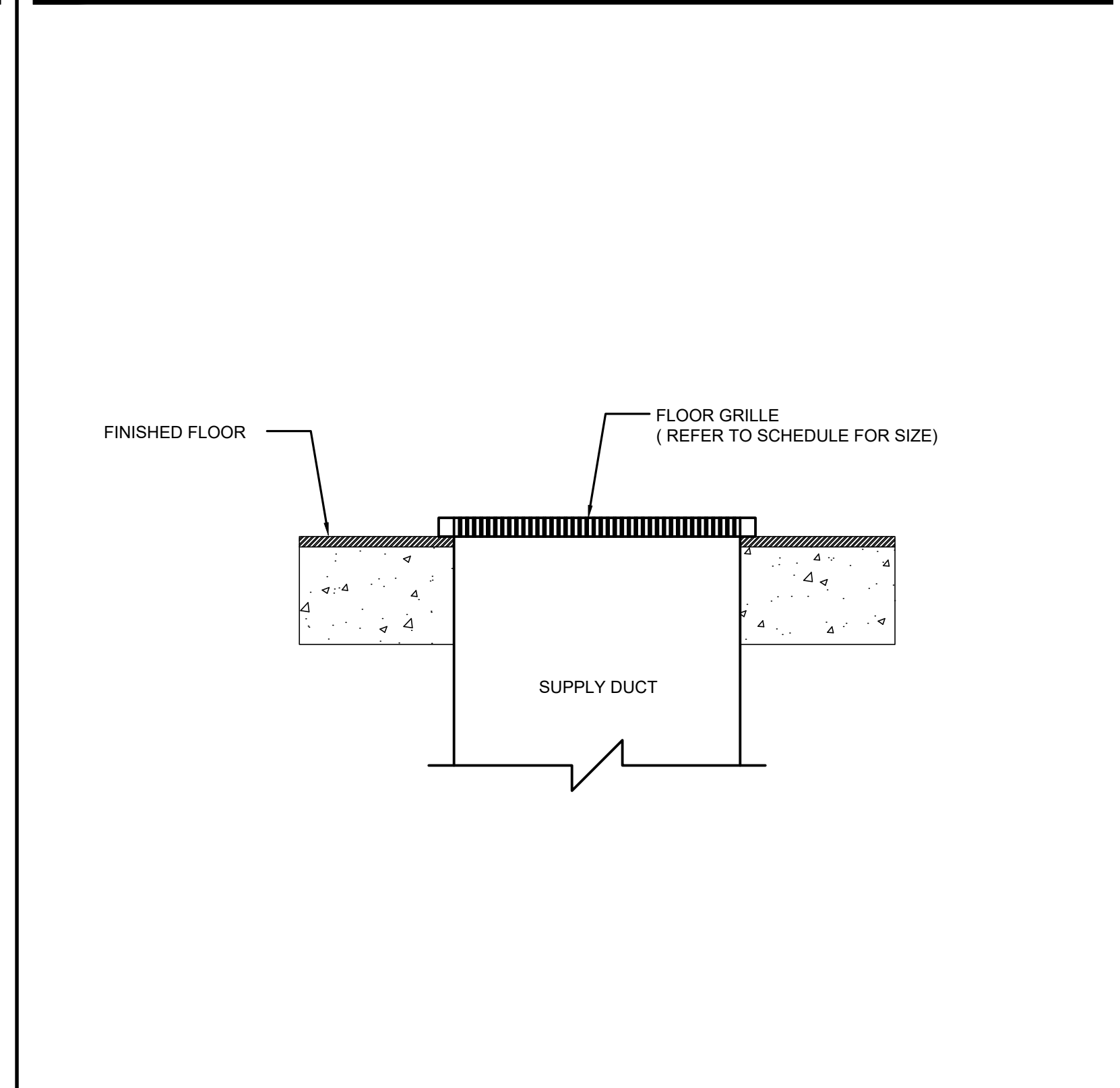
CEILING MOUNT EXHAUST FAN
NOT TO SCALE

4



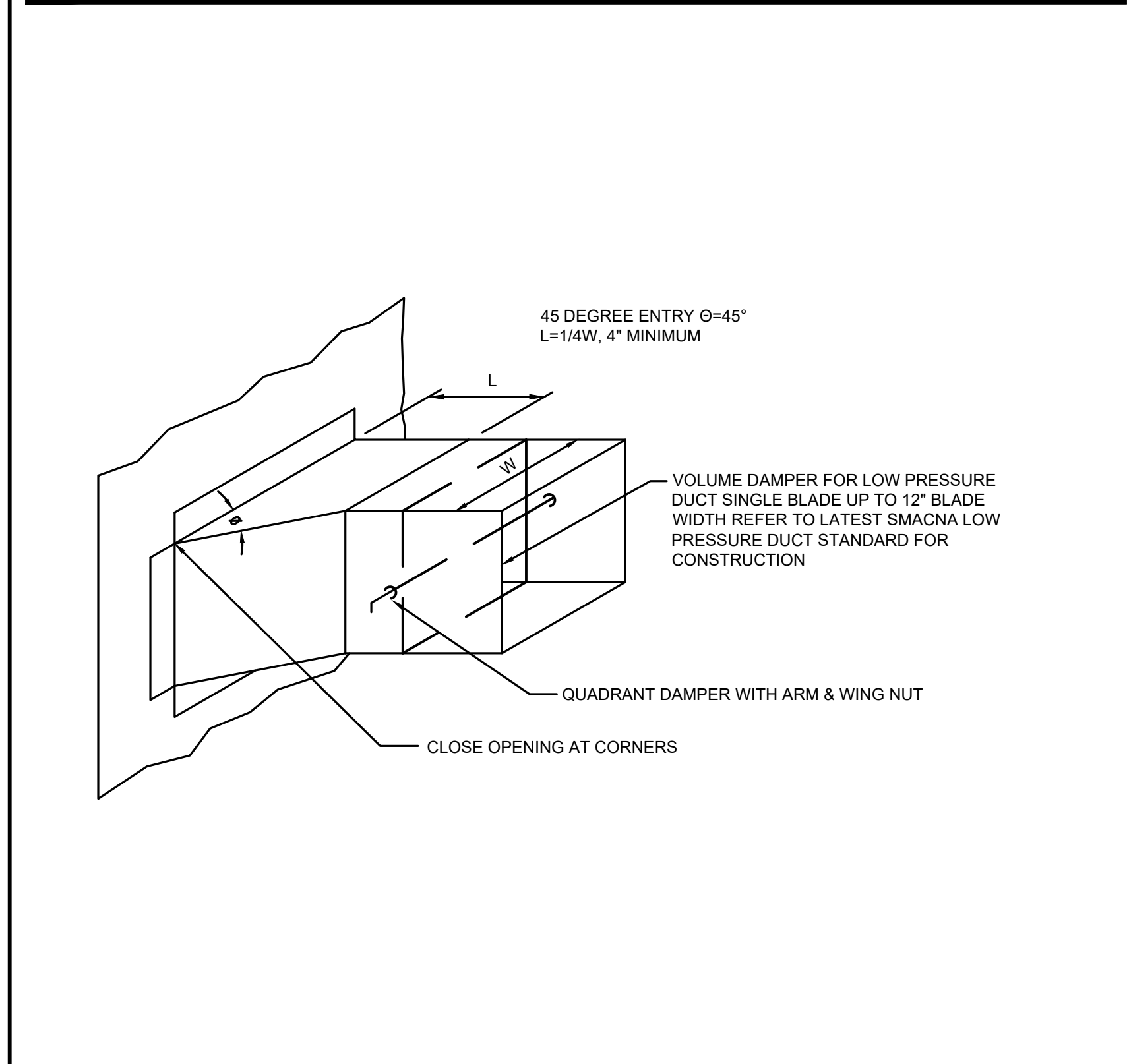
PIPE HANGER & INSULATED PIPE DETAIL
NOT TO SCALE

5



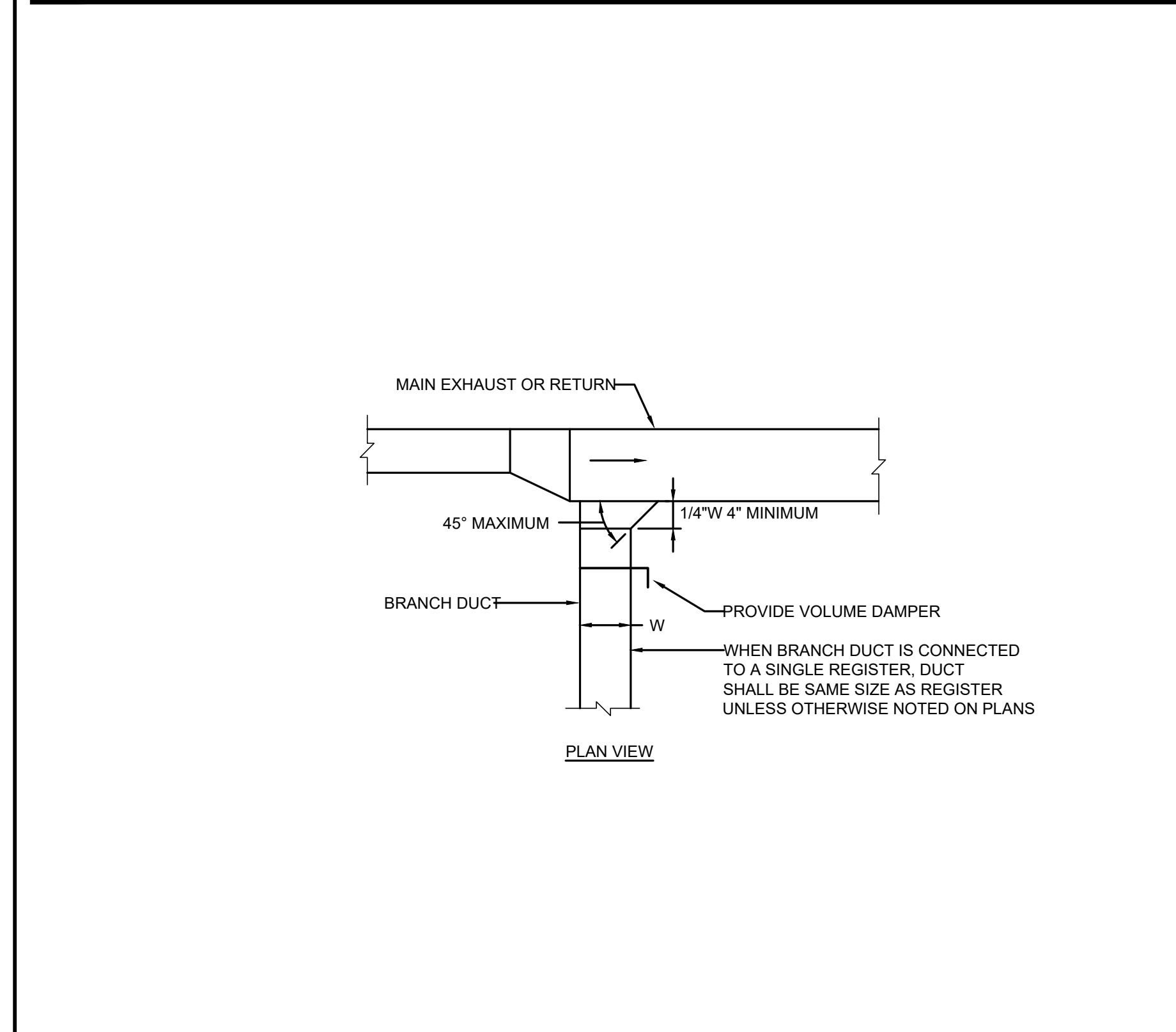
FLOOR GRILLE DETAIL
NOT TO SCALE

6



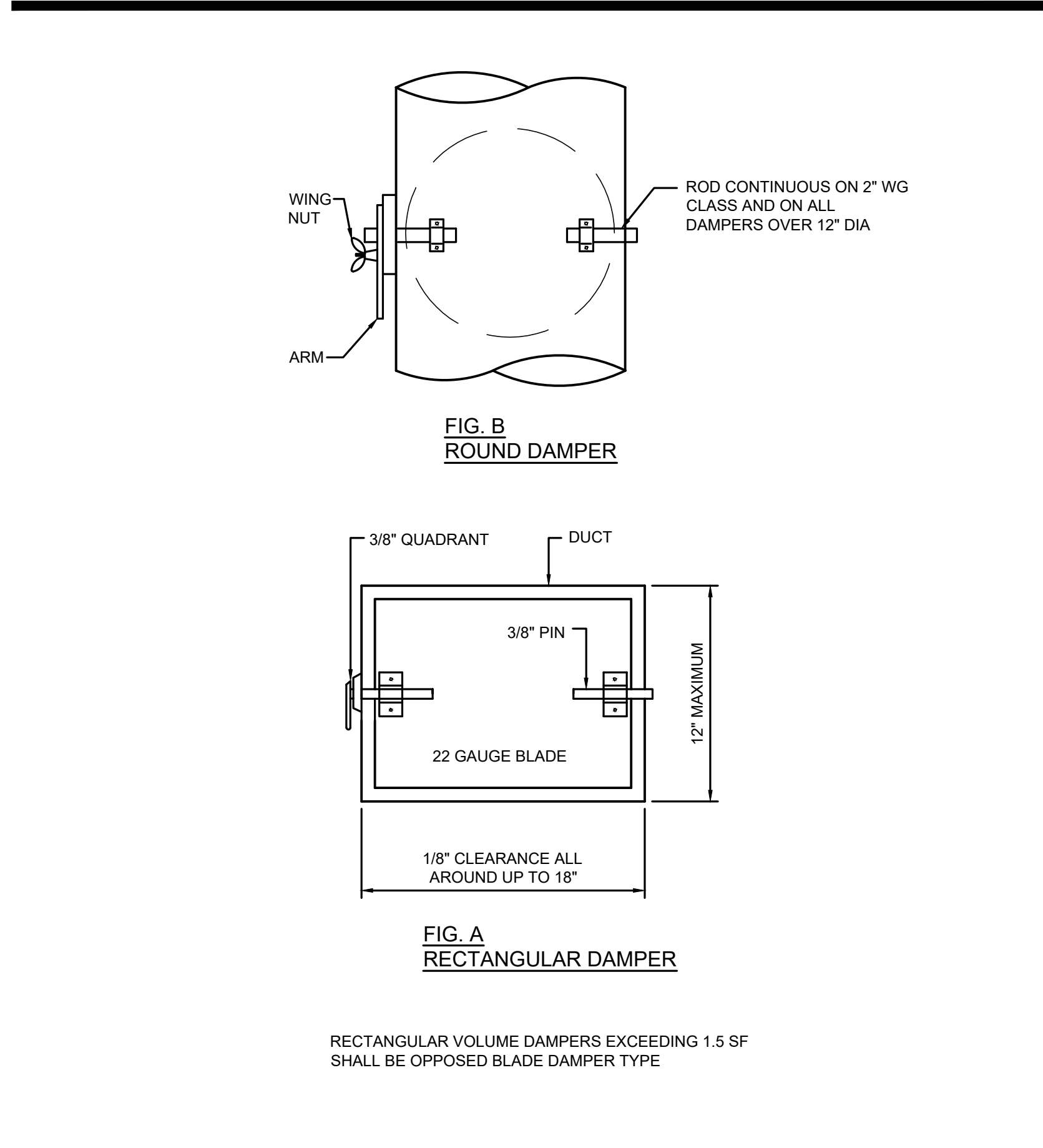
BRANCH CONNECTION DETAIL
NOT TO SCALE

7



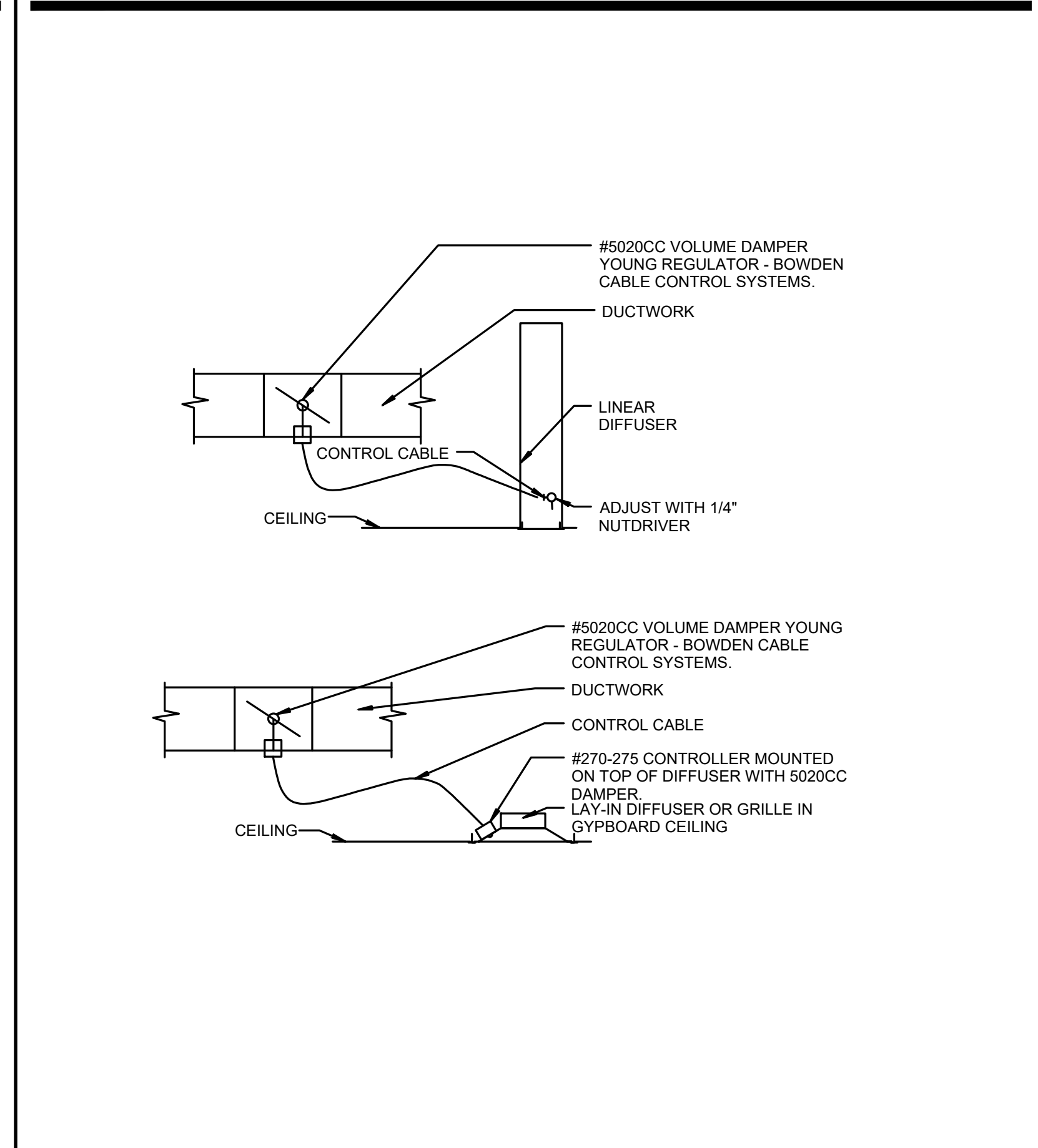
EXHAUST AND/OR BRANCH DUCT DETAIL
NOT TO SCALE

8



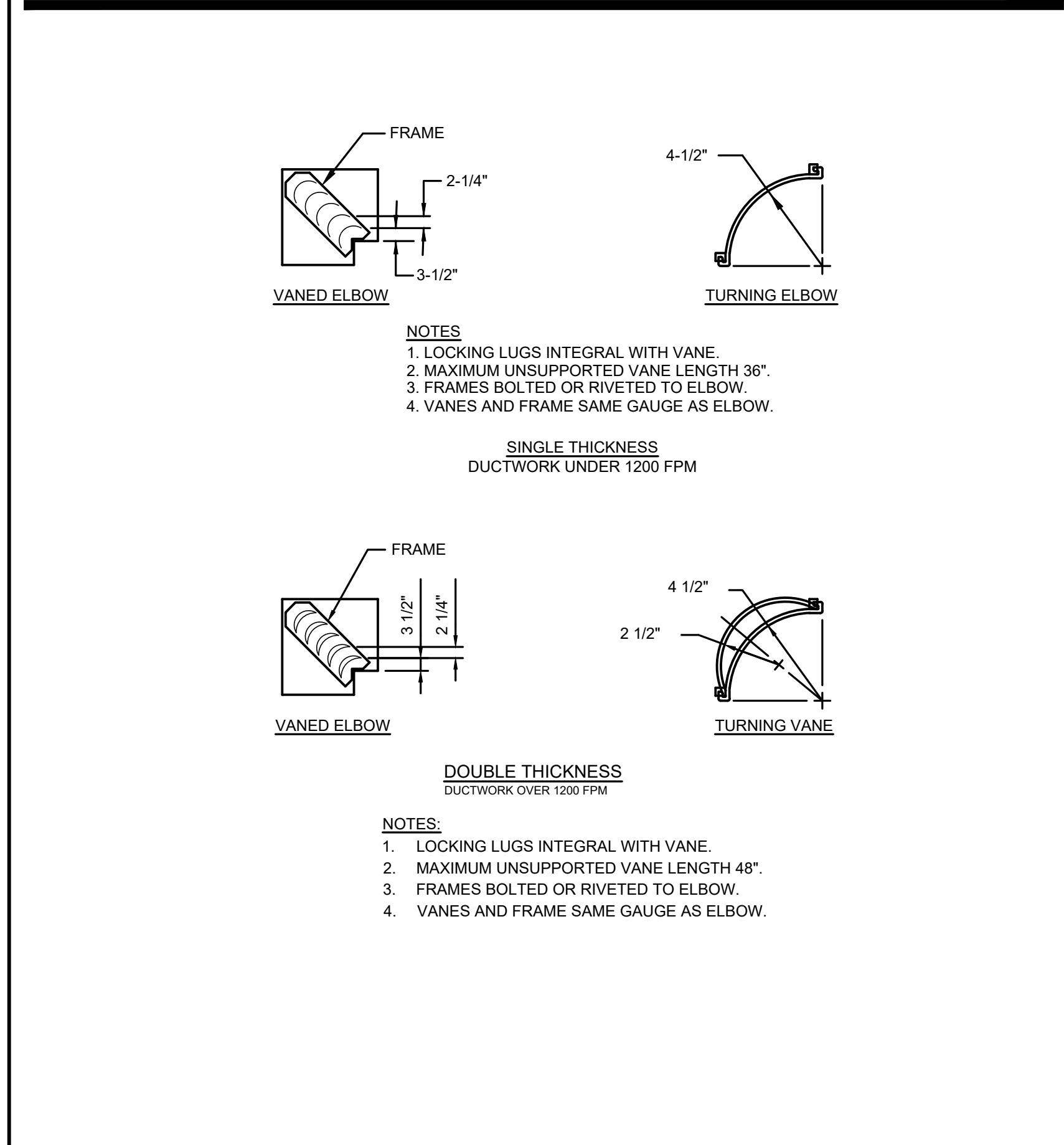
VOLUME DAMPERS - SINGLE BLADE TYPE
NOT TO SCALE

9



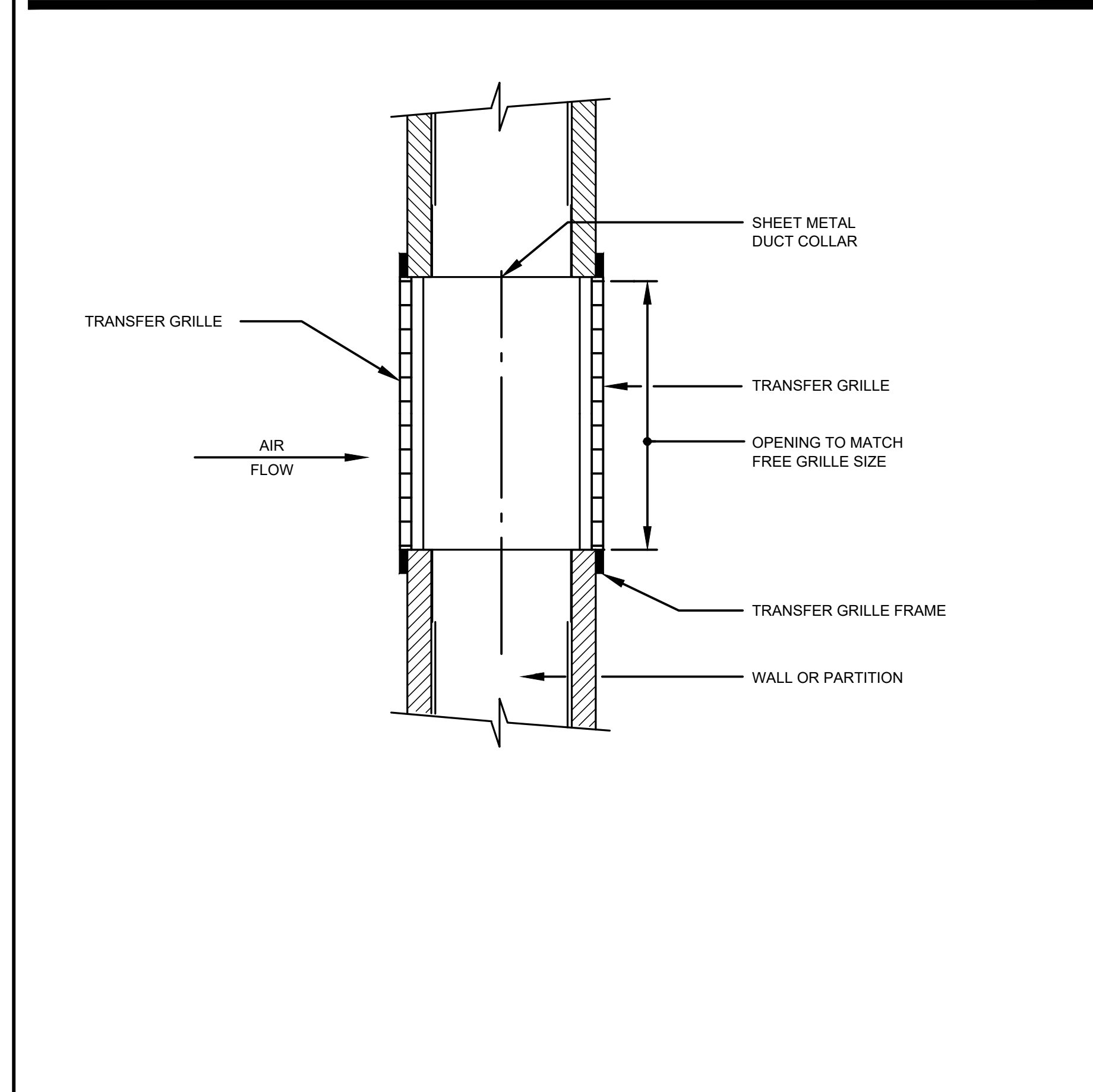
CABLE VOLUME DAMPER DETAIL
NOT TO SCALE

10



TURNING VANES FOR SQUARE ELBOWS
NOT TO SCALE

11



TRANSFER GRILLE DETAIL
NOT TO SCALE

12

ELECTRICAL GENERAL NOTES

1.

DRAWINGS ARE DIAGRAMMATIC AND DEFINE THE INTENT OF THE WORK. LOCATIONS OF EQUIPMENT, FIXTURES, DEVICES, PANELBOARDS, DUCTS, PIPING, DIFFUSERS, PARTITIONS, OPENINGS, ETC. ARE APPROXIMATE AND ARE SUBJECT TO MODIFICATIONS CAUSED BY STRUCTURAL CONDITIONS AND EQUIPMENT PROVIDED BY OTHER CONTRACTORS. SUBCONTRACTORS OR THE OWNER. COORDINATE ALL WORK WITH THE WORK OF OTHER TRADES. DETERMINE ROUGHING LOCATIONS FROM APPROVED SHOP DRAWINGS. MINOR MODIFICATIONS OF LOCATIONS REQUIRED TO EFFECTIVE. ALL SUCH COORDINATION SHALL BE MADE AT NO COST TO THE OWNER.
2.

THE DRAWINGS HAVE BEEN PRODUCED ENTIRELY ON FPA CADD SYSTEM. ANY OTHER LETTERING, LINES OR SYMBOLS, OTHER THAN PROFESSIONAL STAMPS AND SIGNATURES, HAVE BEEN MADE WITHOUT THE AUTHORIZATION OF FPA AND ARE INVALID.
3.

REPRODUCTION OF ANY PORTION OF THE CONTRACT DRAWINGS FOR RESUBMITTAL AS SHOP DRAWINGS IS PROHIBITED. SHOP DRAWINGS PRODUCED IN SUCH A MANNER WILL BE REJECTED AND RETURNED.
4.

SPECIFICATIONS MAY REQUIRE WORK, EQUIPMENT, SYSTEMS, METHODS, ETC. THAT IS NOT INDICATED ON THE DRAWINGS.
5.

DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE COMPLEMENTARY TO EACH OTHER. WHERE DISCREPANCIES OR CONFLICTS OCCUR, THE CONTRACTOR SHALL INCLUDE THE MORE COSTLY METHOD IN HIS PROPOSAL UNLESS CLARIFIED BY BULLETIN OR ADDENDUM ACKNOWLEDGED PRIOR TO RECEIPT OF BIDS.
6.

DRAWINGS SHALL NOT BE SCALED. DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND REQUIREMENTS OF THE WORK. ALTHOUGH SIZE AND LOCATION OF EQUIPMENT IS DRAWN TO SCALE WHEREVER POSSIBLE, CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL OF THE CONTRACT DOCUMENTS AND VERIFY INFORMATION AT THE PROJECT SITE.
7.

THE OWNER WILL OCCUPY THE SITE AND EXISTING BUILDING(S) DURING THE ENTIRE CONSTRUCTION PERIOD. COOPERATE WITH THE OWNER DURING CONSTRUCTION OPERATIONS TO AVOID ANY CONFLICTS. PERFORM THE WORK SO AS NOT TO INTERFERE WITH THE OWNER'S OPERATIONS. SCHEDULE ALL POWER OUTAGES FOR OVERTIME ON SUNDAYS AND HOLIDAYS AT NO ADDITIONAL COST TO THE OWNER.
8.

EXISTING PROJECT CONDITIONS INDICATED ARE BASED ON FIELD OBSERVATION, EXISTING DESIGN / CONSTRUCTION DOCUMENTS AND EXISTING RECORD DOCUMENTS AND ARE INTENDED TO INDICATE THE SCOPE OF THE WORK AFFECTED BY THIS PROJECT.
9.

THE TERM "OTHERS" SHALL BE UNDERSTOOD TO MEAN CONTRACTORS, SUBCONTRACTORS OR TRADESMEN ON THE PROJECT PERFORMING WORK ON THIS PROJECT UNDER SECTIONS OR DIVISIONS OTHER THAN ELECTRICAL WORK.
10.

VERIFY THAT FIELD MEASUREMENTS AND CIRCUITING ARRANGEMENTS ARE AS INDICATED.
11.

PRIOR TO BIDDING VISIT THE PROJECT SITE TO DETERMINE THE CONDITIONS UNDER WHICH THE WORK IS TO BE DONE. SCHEDULE SITE VISIT WITH OWNER.
12.

PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR THE INSTALLATION, RELOCATION AND CONNECTION OF THE ELECTRICAL WORK.
13.

ALL MATERIAL SHALL BE UNDERWRITERS' LABORATORIES LISTED FOR ITS APPLICATION WHERE SUCH LISTING IS APPLICABLE.
14.

ALL EQUIPMENT SHALL BE AS INDICATED OR AS APPROVED BY THE ENGINEER.
15.

SUBMIT SHOP DRAWINGS, PRODUCT DATA SHEETS AND WIRING DIAGRAMS FOR ALL ELECTRICAL CONSTRUCTION MATERIALS, DEVICES, EQUIPMENT, APPLIANCES AND SYSTEMS.
16.

SUBMIT IN QUANTITY TO ALLOW DISTRIBUTION TO ARCHITECT (1), OWNER (2), ENGINEER (1), PRIME CONTRACTORS (1 EACH), AND CONTRACTOR'S OWN USE AS REQUIRED.
17.

UNLESS SPECIFICALLY INDICATED OR REQUESTED OTHERWISE, BIND ALL PRODUCT DATA TOGETHER INTO A SINGLE SUBMITTAL PROPERLY INDEXED AND IDENTIFIED AND WITH ALL PERTINENT CATALOG NUMBERS, OPTIONS, ETC. HIGHLIGHTED OR TARGETED. LOOSE SHEETS OR BINDING SYSTEMS RELYING ON PAPER CLIPS OR SLIP ON SPLINES WILL BE DISCARDED AND THE TRANSMITTAL RETURNED TO THE CONTRACTOR.
18.

UNLESS SPECIFICALLY INDICATED OR REQUESTED OTHERWISE, BIND ALL PRODUCT DATA TOGETHER PROPERLY INDEXED AND IDENTIFIED AND WITH ALL PERTINENT CATALOG NUMBERS, OPTIONS, ETC. HIGHLIGHTED OR TARGETED. LOOSE SHEETS OR BINDING SYSTEMS RELYING ON PAPER CLIPS OR SLIP ON SPLINES WILL BE DISCARDED AND THE TRANSMITTAL RETURNED TO THE CONTRACTOR.
19.

OBTAIN SHOP DRAWINGS AND WIRING DIAGRAMS FROM OWNER AND OTHER CONTRACTORS FOR THE PROPER INSTALLATION OF RELATED ELECTRICAL WORK AND, UNLESS OTHERWISE NOTED, WIRE ALL CONTROL DEVICES, VALVES, THERMOSTATS, ETC. REQUIRED FOR THE PROPER OPERATION OF THEIR SYSTEMS.
20.

OBTAIN ALL PERMITS REQUIRED, HAVE THE WORK INSPECTED FOR CODE COMPLIANCE AND PAY ALL FEES FOR INSPECTION AND CERTIFICATION.
21.

MAKE THE NECESSARY ARRANGEMENTS, AND PAY ALL COSTS, FOR TEMPORARY AND/OR PERMANENT ELECTRIC SERVICE FOR THE PROJECT.
22.

PROVIDE ADEQUATE TEMPORARY ELECTRICAL LIGHT AND POWER FOR THE PROJECT WORK OF ALL TRADES.
23.

MAINTAIN CONTINUITY OF EXISTING CIRCUITS AFFECTED BY THIS WORK WHICH MUST REMAIN IN SERVICE.
24.

MAINTAIN EXISTING ELECTRICAL SERVICE IN OPERATION UNTIL NEW SERVICE IS COMPLETE AND EXISTING LOADS ARE RECONNECTED.
25.

MAKE ALL MODIFICATIONS NECESSARY TO EXISTING PANELBOARDS AND SWITCHBOARDS TO ACCEPT NEW CIRCUITS.
26.

WHERE ELECTRICAL EQUIPMENT (I.E. SWITCHBOARDS, PANELBOARDS, BUS DUCTS, TRANSFORMERS, DISCONNECTS, ETC.) OR SYSTEMS (I.E. FIRE ALARM, SOUND, INTERCOMMUNICATIONS, ALARM, ETC.) IS INDICATED TO BE MODIFIED TO ACCEPT NEW WORK SAID MODIFICATIONS SHALL BE PERFORMED BY ELECTRICAL EQUIPMENT FABRICATORS OR MANUFACTURERS REPRESENTATIVES WHO CAN AFFECT SUCH MODIFICATIONS WITHOUT VOIDING THE UL LABEL OR MANUFACTURER'S WARRANTIES.
27.

WHERE NEW EQUIPMENT IS INDICATED TO BE "RECONNECTED" TO EXISTING WIRING, CONDUIT OR OTHER PART OF AN EXISTING ELECTRICAL SYSTEM, THE CONTRACTOR SHALL MODIFY OR EXTEND THE EXISTING SYSTEM COMPONENTS AS REQUIRED TO MEET THE CONNECTION POINT OF THE NEW ITEM. THE CONTRACTOR SHALL USE MATERIALS AND METHODS THAT MATCH THE EXISTING SYSTEM, OR AS SPECIFIED FOR NEW WORK, WHICHEVER IS MORE SUITABLE FOR THE APPLICATION.
28.

WHERE EXISTING EQUIPMENT IS INDICATED TO BE "CONNECTED" OR "RECONNECTED" TO NEW WIRING, CONDUIT, ETC., THE CONTRACTOR SHALL FABRICATE AND INSTALL THE NEW SYSTEM CONNECTIONS TO MATCH THE CONNECTION POINTS AND OTHER REQUIREMENTS OF THE EXISTING EQUIPMENT. WHERE THE EXISTING EQUIPMENT MUST BE REMOVED AND REINSTALLED TO FACILITATE THE REMOVAL OF THE OLD CONNECTIONS AND/ OR THE CONNECTION OF THE NEW MATERIAL, THAT WORK SHALL BE A PART
- OF THIS CONTRACT.
29.

EXACT LOCATION OF EQUIPMENT SHALL BE COORDINATED IN THE FIELD.
30.

REFER TO APPROVED REFLECTED CEILING PLANS FOR EXACT LIGHTING LAYOUTS.
31.

REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER TRADES FOR EQUIPMENT LOCATIONS AND CONTROLS.
32.

GROUNDING AND BONDING SHALL MEET NEC AND EQUIPMENT / SYSTEM MANUFACTURER'S REQUIREMENTS.
33.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF DEBRIS GENERATED BY HIS WORK AND WORKERS AT THE END OF EACH WORKING DAY AND FOR GENERAL GOOD HOUSEKEEPING BY HIS WORKERS. CONTRACTOR SHALL PROVIDE REQUIRED REFUSE CONTAINERS.
34.

DISCONNECT AND REMOVE FROM THE PREMISES, OR STORE ON THE PREMISES IF REQUESTED BY THE OWNER, ALL EQUIPMENT FIXTURES, DEVICES, RACEWAY, WIRING, CABLE, SUPPORTING DEVICES, ETC. REMOVED OR ABANDONED AS A RESULT OF THIS WORK. MAKE SAFE ALL WIRING AND CABLE WHICH MUST REMAIN IN SERVICE.
35.

REMOVE AND RELOCATE EXISTING EQUIPMENT, FIXTURES, DEVICES, ETC. AS INDICATED AND AS REQUIRED TO CLEAR NEW WORK. EXTEND AND CONNECT NEW WIRING TO EXISTING.
36.

DISCONNECT AND REMOVE, OR TEMPORARILY RELOCATE, EXISTING LIGHTING FIXTURES, LOUSPEAKERS, ETC. TO CLEAR THE INSTALLATION OF NEW DUCTWORK, PIPING, EQUIPMENT, ETC. THROUGHOUT THE ENTIRE RENOVATED AREAS AND REINSTALL WHEN WORK IS COMPLETE. REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL PLANS AND SPECIFICATIONS FOR THE EXTENT OF THE WORK. PROVIDE TEMPORARY NORMAL AND EMERGENCY LIGHTING, AND TEMPORARILY RECONNECT LOUSPEAKERS, ETC. UNTIL THE CEILING IS REINSTALLED. EXTEND EXISTING WIRING TO NEW LOCATIONS AS REQUIRED.
37.

TEMPORARILY RELOCATE, EXISTING FIRE ALARM DEVICES, HEAT/SMOKE DETECTORS, ETC. TO CLEAR THE INSTALLATION OF NEW DUCTWORK, PIPING, EQUIPMENT, ETC. THROUGHOUT THE ENTIRE RENOVATED AREA. PROVIDE TEMPORARY SUPPORT OF EXISTING DEVICES AND REINSTALL WHEN WORK IS COMPLETED. RE-TEST THE FIRE ALARM SYSTEM PER NFPA 72 REQUIREMENTS. EXISTING FIRE ALARM DEVICES SHALL NOT BE DISABLED OR REMOVED FROM SERVICE. [UNTIL THE NEW SYSTEM IS INSTALLED AND TESTED PER NFPA 72 REACCEPTANCE TESTING OR THE SPRINKLER SYSTEM AND ALL NOTIFICATION, SIGNALING AND SUPERVISORY DEVICES ARE PROPERLY INSTALLED AND TESTED PER NFPA 13.] REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL PLANS AND SPECIFICATIONS FOR THE EXTENT OF THIS WORK.
38.

REMOVE AND REINSTALL CEILING SYSTEM AS REQUIRED FOR THE INSTALLATION OF ELECTRICAL WORK AND REPLACE IN KIND ANY COMPONENTS DAMAGED BY PERSONNEL OR EQUIPMENT DURING PERFORMANCE OF THE WORK. COORDINATE WITH ARCHITECT.
39.

PERFORM ALL CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF THE WORK. CUT AND PATCH NEW MEMBER WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. FINISH AND PAINT ALL PATCHED SURFACES WITH TWO COATS OF PAINT TO MATCH EXISTING SURFACES AS CLOSELY AS POSSIBLE. SEAL OPENINGS VERMIN AND WATER PROOF AND MAINTAIN FIRE RATINGS. USE SPECIFIED TECHNOLOGIES, INC. "SPECSEAL" SERIES LC1 FOR PENETRATIONS.
40.

ALL PENETRATIONS IN FOUNDATION WALLS AND FLOORS INCLUDING SLAB PENETRATIONS SHALL BE SUBSTANTIALLY SEALED BY UTILIZING A NON-CRACKING POLYURETHANE OR SIMILAR CAULK OR EQUIVALENT TO CLOSE OFF THE SOIL GAS ENTRY ROUTES. ALL CONDUITS IN THE SPACE BELOW THE FOUNDATION FLOOR WHICH PENETRATE THESE BARRIERS SHALL HAVE THREADED OR SOLVENTED FITTINGS.
41.

EXISTING CONDUIT MAY BE REUSED IF APPROVED BY THE ENGINEER. WHERE SUCH REUSE IS NOT PRACTICABLE, PROVIDE NEW CONDUIT.
42.

ALL NEW RACEWAY, WIRING AND CABLE IN NEW AND EXISTING FINISHED SPACES SHALL BE RUN CONCEALED IN NEW AND EXISTING CONSTRUCTION UNLESS OTHERWISE INDICATED. CUT AND PATCH AS REQUIRED. PROVIDE PULLBOXES, SIZE AND TYPE AS REQUIRED.
43.

ALL NEW WIRING IS TO BE RUN CONCEALED WHERE POSSIBLE. PROVIDE PULLBOXES, SIZE AND LOCATION AS REQUIRED.
44.

EXPOSED RACEWAY, IF PERMITTED, SHALL BE RUN TRUE, PLUMB AND PARALLEL, OR PERPENDICULAR TO BUILDING LINES. [RIGID METAL CONDUIT.] [EMT WITH RAINIGHT STEEL FITTINGS.] 3/4 INCH MINIMUM, SHALL BE USED OUTDOORS. ELECTRICAL METALLIC TUBING, 3/4 INCH MINIMUM, SHALL BE USED IN INDOOR UNFINISHED SPACES. SURFACE METAL RACEWAY (WIREMOLD) SHALL BE USED IN INDOOR FINISHED SPACES.
45.

ALL WIRING SHALL BE COPPER CONDUCTOR WITH 600 VOLTS INSULATION IN METAL RACEWAY WITH APPROVED FITTINGS UNLESS OTHERWISE INDICATED.
46.

INTERIOR FEEDERS AND BRANCH CIRCUITS IN RACEWAY: TYPE THHN 90 DEGREE C.
47.

BRANCH CIRCUIT HOMERUNS TO FIRST OUTLET: TYPE THHN IN RACEWAY. AFTER THE FIRST OUTLET BOX, APPROVED CABLE MAY BE USED.
48.

FEEDERS SHALL BE MINIMUM #6 AWG; BRANCH CIRCUIT WIRING MINIMUM #12 AWG; CONTROL WIRING MINIMUM #14 AWG; UNLESS OTHERWISE INDICATED. FEEDER AND BRANCH CIRCUIT WIRING LARGER THAN #10 AWG SHALL BE STRANDED CONDUCTOR; #10 AWG AND SMALLER, STRANDED CONDUCTOR OR SOLID CONDUCTOR; CONTROL WIRING, STRANDED CONDUCTOR.
49.

METAL CLAD CABLE TYPE MC WITH 600 VOLT THHN INSULATION AND INSULATED GROUND CONDUCTOR MAY BE USED IN NON HEALTH CARE FACILITIES FOR BRANCH CIRCUITS RUN IN HOLLOW SPACES. FISHED ABOVE EXISTING HUNG CEILINGS, FIXTURE CONNECTIONS AND ELSEWHERE AS PERMITTED BY THE NEC AND THE ENGINEER.
50.

METAL CLAD CABLE TYPE MC/G WITH 600 VOLT THHN INSULATION AND INSULATED GROUND CONDUCTOR MAY BE USED IN NON HEALTH CARE FACILITIES AND IN NON PATIENT CARE AREAS OF HEALTH CARE FACILITIES FOR COMPUTER POWER BRANCH CIRCUITS RUN IN HOLLOW SPACES. FISHED ABOVE EXISTING HUNG CEILINGS, AND ELSEWHERE AS PERMITTED BY THE NEC AND THE ENGINEER.
51.

TAPS AND SPLICES FOR BRANCH CIRCUITS AND FEEDERS SHALL BE MADE WITH AN INSULATED TERMINAL BY LSICO, OR APPROVED EQUAL.
52.

BRANCH CIRCUIT AND FEEDER TAPS SHALL BE FULL CIRCUIT SIZE UP TO THEIR OVERCURRENT PROTECTION DEVICE.
53.

CONNECTIONS TO FIXTURE #10 AWG AND SMALLER SHALL BE MADE WITH 3M "SCOTCHLOK" PRE-INSULATED SPRING PRESSURE CONNECTORS TYPES Y, R OR G OR APPROVED EQUAL.
54.

STRANDED WIRING CONDUCTORS SHALL BE MADE UP TO SCREW TERMINALS WITH 3M, T88 OR PANDUIT LOCKING FORK CRIMP TERMINALS WITH NYLON INSULATED GRIPS.
55.

WIRE EMERGENCY LIGHTING FIXTURES (UNIT EQUIPMENT) TO LOCAL AREA LIGHTING CIRCUIT SERVING THE RESPECTIVE AREA AHEAD OF SWITCH / DIMMER CONTROL.
56.

WIRE EXIT LIGHTS TO THE CIRCUITS INDICATED.
57.

CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION AND INSTALLATION
- DETAILS AND VERIFY ALL MANUFACTURER'S REQUESTS PRIOR TO ANY SUBMISSION FOR CONSIDERATION BY THE ARCHITECT, ENGINEER OR OWNER.
58.

WIRING RUNS INDICATED ON THE DRAWINGS EXPRESS THE INTENT OF CIRCUIT ASSIGNMENT AND SWITCH CONTROL. ACTUAL WIRING METHODS USED SHALL BE SUITED FOR THE CONSTRUCTION OF THE BUILDING. REFER TO THE DRAWINGS OF THE BUILDING FOR THE LOCATION OF ANY PROJECT ARCHITECTURAL DRAWINGS FOR DETAILS. NUMBER OF CONDUCTORS IS NOT ALWAYS INDICATED
59.

PROVIDE DISCONNECTS FOR ALL APPLIANCES, EQUIPMENT, MOTORS AND CONTROLLERS.
60.

ROUTE RACEWAYS THROUGH ROOF USING DEDICATED ROOF JACKS OR PITCH POCKETS. RUN RACEWAY ON ROOF ON DEDICATED ROOF SUPPORTS EIGHT INCHES HIGH MINIMUM.
61.

PROVIDE SEISMIC RESTRAINTS AND ANCHORS FOR PANELBOARDS, LIGHTING FIXTURES, WIREWAYS AND CONDUITS LARGER THAN 2-1/2" INCHES TRADE DIAMETER. PROVIDE SWAY BRACES FOR CONDUIT AND EQUIPMENT SUSPENDED FROM THE OVERHEAD. PROVIDE ANCHOR BOLTS FOR FLOOR AND WALL MOUNTED EQUIPMENT. COMPLY WITH INTERNATIONAL BUILDING CODE CHAPTER 16 - STRUCTURAL DESIGN AND CHAPTER 17 - STRUCTURAL TESTING AND INSPECTIONS.
62.

PROVIDE SEISMIC RESTRAINTS AND ANCHORS FOR EQUIPMENT, FIXTURES, RACEWAY, ETC. AS REQUIRED BY INTERNATIONAL BUILDING CODE CHAPTER 16 - STRUCTURAL DESIGN AND CHAPTER 17 - STRUCTURAL TESTING AND INSPECTIONS AND AS SPECIFIED IN SPECIFICATION SECTION "SEISMIC CONTROLS."
63.

ALL 125 VOLT, SINGLE PHASE, 15- AND 20-AMPERE SINGLE AND DUPLEX RECEPTACLES WHICH DO NOT SERVE A DEDICATED APPLIANCE AND ARE WITHIN A 6 FOOT RADIUS OF A SINK, ARE INSTALLED IN WET LOCATIONS, ARE INSTALLED IN BATHROOMS, ON ROOFS, OR OUTDOORS WITH DIRECT GRADE ACCESS, SHALL BE GROUND FAULT CIRCUIT INTERRUPTING TYPE WHERE AVAILABLE OR SHALL BE PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTING CIRCUIT BREAKERS.
64.

DO NOT INSTALL EXPOSED WIRING, OR CABLE NOT UL LISTED FOR THE PURPOSE, WOOD SUPPORTS OR ANCHORAGES, NONMETALLIC CONDUIT, BOXES OR FITTINGS, OR VINYL, PLASTIC, NYLON, OR OTHER COMBUSTIBLE OR SMOKE PRODUCING IDENTIFICATION OR CONSTRUCTION MATERIALS IN THE SPACE ABOVE HUNG CEILINGS USED AS A PLENUM FOR THE RETURN OF ENVIRONMENTAL AIR.
65.

DEMONSTRATE PRODUCT CAPABILITY AND COMPLIANCE WITH REQUIREMENTS OF ALL ELECTRICAL DEVICES, EQUIPMENT AND SYSTEMS.
66.

PERFORM MANUFACTURER'S RECOMMENDED TESTS AND SUBMIT RESULTS.
67.

VERIFY PROPER ROTATION OF ALL ROTATING ELECTRICAL MACHINERY.
68.

TEST PANELBOARDS, CABLES, SWITCHES, CIRCUIT BREAKERS, GROUNDING SYSTEM, GROUND FAULT PROTECTION SYSTEM, WITH APPLICABLE SECTIONS OF THE CURRENT EDITION OF THE INTERNATIONAL ELECTRICAL TESTING ASSOCIATION ACCEPTANCE TESTING SPECIFICATIONS FOR ELECTRIC POWER DISTRIBUTION EQUIPMENT AND SYSTEMS (NETA ATS). PERFORM EACH VISUAL AND MECHANICAL INSPECTION AND ELECTRICAL TEST LISTED.
69.

PROVIDE TWO SETS OF OPERATION AND MAINTENANCE MANUALS, BOUND AND INDEXED, WITH INSTRUCTIONS FOR ALL ELECTRICAL DEVICES, EQUIPMENT, APPLIANCES AND SYSTEMS.
70.

PROVIDE ONE SET OF REPRODUCIBLE CONTRACT DRAWINGS, OR DIGITAL DATA FILES USING SAME SOFTWARE PROGRAM, VERSION, AND OPERATING SYSTEM AS CONTRACT DOCUMENTS, THAT HAVE BEEN REVISED AND ANNOTATED TO REFLECT THE AS-BUILT CONDITIONS OF THE PROJECT.
71.

DELIVER CERTIFICATES OF ELECTRICAL AND OTHER INSPECTIONS, OR COPIES THEREOF, TO THE OWNER AT THE COMPLETION OF THE PROJECT WITH COPIES TO THE ENGINEER.
72.

GUARANTEE ALL WORK IN WRITING TO THE OWNER AGAINST ANY AND ALL DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE AND PERFORM ALL CORRECTIVE WORK AT NO COST TO THE OWNER.
73.

A CONTRACTOR MAKING A BID FOR WORK ON THIS PROJECT IS MADE AWARE BY THIS NOTE THAT IT IS THE INTENT OF THE OWNER TO HAVE A COMPLETELY INSTALLED JOB. THE CONTRACTOR MAKING A BID FOR THIS WORK WARRANTS THAT HE WILL COMPLETE AND WIRE, PROVIDING ALL NECESSARY ELECTRICAL WORK FOR THE PROJECT. THE CONTRACTOR CAN AND SHALL REQUEST DRAWINGS OR SPECIFICATIONS AND NOT JUST THOSE COMMONLY REFERRED TO AS A SINGLE TRADE DRAWING UNLESS SPECIFICALLY IDENTIFIED ELSEWHERE AS WORK OF OTHER TRADES. WHERE EQUIPMENT REQUIRING WIRING IS SPECIFIED OR SHOWN ON DRAWINGS OTHER THAN ELECTRICAL DRAWINGS, OR INDICATED, OR IMPLIED, SUCH AS ON SHOP DRAWINGS, SUBMITTED LATER, THE CONTRACTOR CAN AND SHALL REQUEST DIRECTION REGARDING CIRCUIT SIZING PROTECTION AND ROUTING WHERE NECESSARY BUT SHALL UNDERSTAND ALL NECESSARY WORK TO COMPLETE THE INSTALLATION SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER OR PROJECT.
74.

THE INSTALLATION OF ALL ELECTRICAL WORK INDICATED ON ALL ELECTRICAL DRAWINGS AND IN THE SPECIFICATIONS AND ANY SUBSEQUENT BULLETINS OR ADDENDA SHALL COMPLY WITH NEW JERSEY ADMINISTRATIVE CODE TITLE 6A.
75.

THE SPACE ABOVE THE HUNG CEILING(S) OF (LIST THE ROOMS, SPACES, OR AREAS) IS USED AS A PLENUM FOR THE RETURN OF ENVIRONMENTAL AIR. DO NOT INSTALL EXPOSED WIRING, OR CABLE NOT UL LISTED FOR THE PURPOSE, WOOD SUPPORTS OR ANCHORAGES, NONMETALLIC CONDUIT, BOXES OR FITTINGS, OR VINYL, PLASTIC, NYLON, OR OTHER COMBUSTIBLE OR SMOKE PRODUCING IDENTIFICATION OR CONSTRUCTION MATERIALS IN THIS SPACE.
76.

PRE-EXISTING CONDITIONS ARE EXEMPT PER NAC 5-23-6.8(D)(10) "EXISTING WORKING CLEARANCES, CLEAR SPACE, ACCESS AND ENTRANCE DIMENSIONS TO WORKING SPACES, ILLUMINATION, HEADROOM CLEARANCES, AND LOCATION OF OVERCURRENT PROTECTION DEVICES SHALL BE ALLOWED TO REMAIN WITHOUT MODIFICATION."
77.

ALL NEW CONSTRUCTION AND RENOVATION WORK SHOWN ON THE DRAWINGS AND CONTAINED IN THE SPECIFICATIONS UNLESS OTHERWISE NOTED AS "NOT IN CONTRACT" OR "N.I.C.") IS THE RESPONSIBILITY OF THE SINGLE PRIME GENERAL CONTRACTOR. REFERENCES TO SPECIFIC TRADE SUBCONTRACTORS (PLUMBING, MECHANICAL, ELECTRICAL, ETC.) ARE PROVIDED TO ASSIST THE SINGLE PRIME GENERAL CONTRACTOR IN THE DELINEATION OF SUBCONTRACTOR WORK. THE SINGLE PRIME GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DELINEATION OF ITS SUBCONTRACTORS' WORK AND THEREFORE SHALL NOT RELY ON SPECIFIC TRADE REFERENCES SHOWN ON THE CONTRACT DOCUMENTS.
78.

ELECTRICAL CONTRACTOR TO CAREFULLY REMOVE AND STORE EXISTING HUNG CEILING TILES INCLUDING THE LAY-IN ACOUSTIC CEILING TILES. SUPPORT GRID AND HANGERS AS REQUIRED TO FACILITATE INSTALLATION OF THE NEW WORK IN THE AFFECTED AREAS. PRIOR TO CEILING REMOVALS THE ELECTRICAL CONTRACTOR SHALL TEMPORARILY SUPPORT ALL EXISTING LIGHT FIXTURES, SENSORS OR OTHER EXISTING WIRED COMPONENTS AS MAY BE REQUIRED TO FACILITATE CEILING REMOVAL. AFTER WORK IS COMPLETED, CONTRACTOR SHALL RE-INSTALL THE EXISTING CEILING GRID AND EXISTING ACOUSTICAL TILES. CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY DAMAGED GRID, TILE AND/OR FIXTURE THAT MIGHT OCCUR
- DURING DEMOLITION AND/OR RE-INSTALLATION OF THE EXISTING CEILING, NEW GRID/TILES AND FIXTURE TO MATCH EXISTING. PATCH AND REPAIR ALL SURFACES DAMAGED TO MATCH EXISTING ADJACENT FINISH.
79.

IN ALL AREAS WHERE WORK IS BEING PERFORMED UNDER THIS CONTRACT, CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORTING ALL EXISTING ELECTRICAL DEVICES AND WIRING/CONDUIT ABOVE THE EXISTING CEILINGS. PER NEC - ALL TELE / DATA AND FIRE ALARM WIRING SHALL BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE WITH J-HOOKS AND NOT TIE-WRAPPED TO CONDUITS OR MECHANICAL PIPING. ALL EXISTING POWER WIRING/CONDUIT AND JUNCTION BOXES SHALL BE INDEPENDENTLY SUPPORTED TO THE STRUCTURE AND NOT TO THE CEILING GUIDE WIRES, HVAC DUCTS, PIPING, ETC. PROVIDE ALL REQUIRED SUPPORTS AND ACCESSORIES AS REQUIRED PER NEC.
80.

UPON AWARD OF CONTRACT AND SUBSEQUENT APPROVAL OF SHOP DRAWINGS BY ENGINEER OF RECORD, THE CONTRACTOR SHALL FILL OUT AND FILE AIR PERMIT APPLICATIONS IN A TIMELY MANNER FOR GENERATORS. THE CONTRACTOR SHALL PAY ALL FEES FOR THE PERMITS AND INSPECTIONS. PROVIDE THE OWNER AND ENGINEER EACH WITH A COPY OF FILLED OUT FORMS PRIOR TO MAILING. CONTRACTOR MUST SECURE PERMIT PRIOR TO PROJECT CLOSEOUT. SEND FORMS ALONG WITH NJDEP'S REQUIRED FEE TO: NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY BUREAU OF SOURCE REVIEW, CN-27, TRENTON, NEW JERSEY 08625-0027.
81.

CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY CONFLICT DISCOVERED BEFORE PERFORMING ANY WORK RELATED TO SUCH CONFLICT.
- DEMOLITION NOTES:
1.

DEMOLITION SHALL INCLUDE THE REMOVAL OF ALL ASSOCIATED WIRING, CONDUIT, DISCONNECT SWITCHES, ETC UNLESS SPECIFICALLY NOTED OTHERWISE.

2.

WHERE WIRING/CONDUIT SERVING AN EXISTING PIECE OF EQUIPMENT RUNS BELOW GRADE, CONTRACTOR SHALL REMOVE ALL WIRING BACK TO THE SOURCE AND CUT CONDUIT FLUSH WITH EXISTING FLOOR. PROVIDE A WATERPROOF SEAL AROUND ALL OPENINGS

3.

THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL WORK WITH MINIMUM INTERFERENCE WITH FUNCTIONING ELECTRICAL SYSTEMS. ALL AFFECTED SYSTEMS SHALL BE RECONNECTED AND RESTORED.

4.

DEMOLITION AND REMOVAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. THE CONTRACTOR SHALL PATCH, REPAIR OR OTHERWISE RESTORE ANY DAMAGED INTERIOR OR EXTERIOR BUILDING SURFACE TO ITS ORIGINAL CONDITION.

5.

THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL LIGHT FIXTURES COMPLETE WITH ASSOCIATED WIRING, CONDUITS, ETC. WHERE THE REMOVAL OF THESE ITEMS DISRUPTS EXISTING WIRING THAT IS TO REMAIN, THE CONTRACTOR SHALL INSTALL JUNCTION BOXES AND OTHER DEVICES AND PROVIDE BYPASS CONNECTIONS NECESSARY TO MAKE CIRCUITS AFFECTED CONTINUOUS AND READY FOR OPERATION. OTHERWISE, WIRING SHALL BE REMOVED BACK TO THE NEAREST ELECTRICAL JUNCTION BOX THAT IS TO REMAIN OR TO PANELBOARD.

6.

ALL UNUSED OUTLET BOXES OR CAPPED FLOOR OUTLETS SHALL BE PROVIDED WITH MATCHING BLANK COVERS.

7.

EXISTING PANEL DIRECTORIES AFFECTED BY THE WORK SHALL BE MODIFIED TO REFLECT THE BRANCH CIRCUIT WIRING CHANGES.

8.

PORTIONS OF FEEDER RUNS TO BE REMOVED OR ABANDONED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ENERGIZED, SHALL BE CUT AT CONVENIENT LOCATIONS, REROUTED AND RECONNECTED. NEW FEEDER EXTENSIONS SHALL MATCH EXISTING ONES IN ALL RESPECTS, CABLE TYPE, CONDUCTOR AMPACITY, CONDUIT SIZES, ETC.

9.

ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER HANDLING, DISPOSAL, AND ASSOCIATED COSTS OF ALL MATERIAL REMOVED FROM FIXTURES, DURING THIS CONTRACT, IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES AND/OR REGULATIONS.

10.

DISCONNECT AND REMOVE FROM THE PREMISES, OR STORE ON THE PREMISES IF REQUESTED BY THE OWNER, ALL EQUIPMENT AND LIGHT FIXTURES, AND SUPPORTING DEVICES REMOVED AS A RESULT OF THIS WORK.

11.

ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING CEILING SYSTEM INCLUDING BUT NOT LIMITED TO GRID, TILES, AND SUPPORT AND SHALL REPLACE IN KIND ANY DAMAGED CEILING COMPONENTS.

12.

PRIOR TO RELOCATION OR DEMOLITION OF ANY LIGHTING FIXTURES, ALL CONTROLLED LIGHTING FIXTURES SHALL BE THOROUGHLY DECOMMISSIONED FROM THE EXISTING LIGHTING CONTROL SYSTEMS. REFER TO EXISTING SYSTEM MANUFACTURER'S WRITTEN INSTALLATION AND DECOMMISSIONING INSTRUCTIONS.
- | WIRING DEVICE LEGEND | |
|----------------------|--|
| SYMBOLS | DESCRIPTION |
| | NEMA 5-20R SIMPLEX RECEPTACLE. "X" INDICATES CIRCUIT NUMBER. SYMBOL WITH LINE THRU IT DENOTES MOUNTED ABOVE 18". COORDINATE HEIGHT WITH ARCHITECTURAL DRAWINGS. |
| | NEMA 5-20R DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER. "X" INDICATES CIRCUIT NUMBER. SYMBOL WITH LINE THRU IT DENOTES MOUNTED ABOVE 18". COORDINATE HEIGHT WITH ARCHITECTURAL DRAWINGS. |
- | LOW VOLTAGE DEVICE LEGEND | |
|---------------------------|--|
| SYMBOLS | DESCRIPTION |
| | DATA COMMUNICATIONS OUTLET: 1-GANG JUNCTION BOX WITH 1" CONDUIT AND PULLSTRINGS UP TO ACCESSIBLE CEILING. SYMBOL WITH LINE THRU IT DENOTES MOUNTED ABOVE 18". COORDINATE HEIGHT WITH ARCHITECTURAL DRAWINGS. |
| | ADMINISTRATION TELEPHONE OUTLET: 1-GANG JUNCTION BOX WITH 1" CONDUIT AND PULLSTRING UP TO ACCESSIBLE HUNG CEILING. |
| | CATV JACK: 2-GANG JUNCTION BOX WITH 3/4" CONDUIT AND PULLSTRINGS UP TO ACCESSIBLE CEILING. |
| | CARD READER: 1-GANG JUNCTION BOX AND 3/4" CONDUIT UP TO ACCESSIBLE CEILING SPACE. |
| | CCTV CAMERA: 1-GANG JUNCTION BOX AND 3/4" CONDUIT UP TO ACCESSIBLE CEILING SPACE. "A" DENOTES CAMERA TYPE |
- | POWER DEVICE LEGEND | |
|---------------------|--|
| SYMBOLS | DESCRIPTION |
| | SURFACE MOUNTED PANELBOARD, POWER AND LIGHTING |
| | RECESSED PANELBOARD, POWER AND LIGHTING |
| | DEMOLITION |
- | DRAWING NUMBER | DRAWING TITLE |
|----------------|---|
| E01.01 | ELECTRICAL GENERAL NOTES, ABBREVIATIONS & SYMBOLS |
| E01.02 | ELECTRICAL SPECIFICATIONS |
| E02.01 | SCHEDULES |
| E03.01 | POWER DEMOLITION PLAN |
| E04.01 | LIGHTING DEMOLITION PLAN |
| E05.01 | POWER NEW WORK PLAN |
| E06.01 | LIGHTING NEW WORK PLAN |
| E07.01 | DETAILS |
- | ABBREVIATIONS | | | |
|---------------|----------------------------|--------|--------------------------|
| A | AMPERE | GFI | GROUND FAULT INTERRUPTER |
| AF | ABOVE FINISHED FLOOR | GND, G | GROUND |
| AFB | ABOVE FINISHED GRADE | IG | INTERRUPTING CAPACITY |
| BPS | BOOSTER POWER SUPPLY | IS | ISOLATED GROUND |
| C | CONDUIT(S) | IL | INTERLOCKED |
| CB | CIRCUIT BREAKER | MC | MECHANICAL CONTRACTOR |
| CH | COUNTER HEIGHT | MOD | MOTOR OPERATED DAMPER |
| CO | CONDUIT ONLY | MTD | MOUNTED |
| CT | CURRENT TRANSFORMER | NL | NOT IN CONTRACT |
| CU | COPPER | NTS | NIGHT LIGHT |
| DISC | DISCONNECT | NTS | NOT TO SCALE |
| DN | DOWN | RGS | RIGID GALVANIZED STEEL |
| EC | ELECTRICAL CONTRACTOR | SPD | SURGE PROTECTIVE DEVICE |
| EG | EQUIPMENT GROUND | TVSS | TRANSIENT VOLTAGE |
| EM | EMERGENCY | | SURGE SUPPRESSOR |
| EMT | ELECTRICAL METALLIC TUBING | TC | TIME CLOCK |
| UON | UNLESS OTHERWISE NOTED | | |
| ETR | EXISTING TO REMAIN | V | VOLTS |
| EW | ELECTRIC WATER COOLER | W | WALL MOUNTED |
| FA | FIRE ALARM | WP | WEATHERPROOF |
| FBO | FURNISHED BY OTHERS | RE | RELOCATE |
| | | NIS | NOT IN SCOPE |
- APPLICABLE CODES:
- ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE LATEST CODES AND SUBCODES AS ADOPTED BY NEW YORK CITY:

 - 2010 NEW YORK STATE BUILDING CODE
 - 2010 NEW YORK STATE MECHANICAL CODE
 - 2010 NEW YORK STATE PLUMBING CODE
 - 2010 NEW YORK STATE FUEL GAS CODE
 - 2008 NATIONAL ELECTRICAL CODE
 - 2010 NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE
 - 2010 NEW YORK STATE FIRE CODE
- BANK OF AMERICA
- MEDIUM RENOVATION
- 1414 NY-300,
NEWBURGH, NY 12550
- SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX
- Gensler
- 101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
- Tel 704.377.2725
Fax 704.377.2807
-
- CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com
- FPA

FRENCH & PARRELLO ASSOCIATES

New Jersey • New York • Pennsylvania • Georgia

Corporate Office:
1800 Rte 34, Suite 101
Wall, New Jersey 07719
732.312.9800
FPAengineers.com

PROGRESS SET

NOT FOR CONSTRUCTION

AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, N.J. LIC. No. 24GED4842100
- | Date | Description |
|------------|------------------------|
| 06.25.2024 | 90% DESIGN DEVELOPMENT |
- Seal / Signature
- NOT FOR CONSTRUCTION
- | |
|----------------|
| Project Name |
| MEADOW HILL |
| Project Number |
| 059.8400.015 |
| Description |
- ELECTRICAL -
ELECTRICAL GENERAL NOTES, SYMBOLS &
ABBREVIATIONS
- Scale
As indicated
- E01.01
- © 2023 Gensler

ELECTRICAL SPECIFICATIONS

1. DEMOLITION
- A. FURNISH ALL LABOR AND MATERIALS AS REQUIRED TO COMPLETE DEMOLITION AND REMOVAL OF ALL ITEMS AS INDICATED ON DRAWINGS OR AS OTHERWISE DIRECTED BY INCLUDING TEMPORARY PROTECTION AS INDICATED BELOW:
- B. PROVIDE TEMPORARY PROTECTIONS AS REQUIRED TO PRESERVE EXISTING ITEMS INDICATED TO REMAIN AND RESTORE DAMAGED WORK TO THE CONDITION EXISTING PRIOR TO THE START OF WORK, UNLESS OTHERWISE DIRECTED.
- C. CONTROL DUST AND DIRT CAUSED BY DEMOLITION OPERATIONS. AREA OUTSIDE THE AREA OF WORK SHALL BE KEPT CLEAN FROM DIRT AND DUST.
- D. ALL ACTIVE MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND PLUMBING SYSTEMS TO REMAIN SHALL BE FULLY PROTECTED FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION.
- E. ALL WORK DEMOLISHED SHALL BE REMOVED FROM THE PREMISES EXCEPT ITEMS TO BE REUSED OR RETURNED TO OWNER OR AS OTHERWISE INDICATED.
- F. AT ALL TIMES PROTECT THE PROPERTY OF THE OWNER, INCLUDING BUT NOT LIMITED TO WINDOWS, FLOOR, AND CEILING TILE, PUBLIC TOILETS, ELEVATORS, DOORS, BUCKS, ELECTRICAL, AND AIR CONDITIONING EQUIPMENT, LIGHT FIXTURES, CONVECTOR ENCLOSURES, ETC.
- G. ALL EXISTING OUTLETS ALONG EXISTING WALLS, PERIMETER, CORE OR COLUMNS TO REMAIN, ARE TO BE CHECKED AND MAINTAINED BY ELECTRICAL CONTRACTOR AS ACTIVE OUTLETS UNLESS LOCATION CONFLICTS WITH NEW CONSTRUCTION OR LAYOUT. PROVIDE NEW COVER PLATES AND RECEPTACLES.
- H. REMOVE ALL ABANDONED CONDUITS LEFT AFTER WALL DEMOLITION, INCLUDING SWITCH BOXES, PLATES, BRIDGES, OR ANY OTHER TELEPHONE OR ELECTRICAL, WIRING, AND EQUIPMENT.
- I. ALL EXPOSED LIGHT FIXTURES, WIRING, SWITCHES, AND WIRE MOLDING NOT BEING REUSED SHALL BE REMOVED AND EITHER STORED OR CARTED AWAY BY THE ELECTRICAL CONTRACTOR.
- J. ALL ELECTRICAL DEVICES INDICATED TO BE REMOVED IN AREAS BEING RENOVATED AND SERVED BY CIRCUIT(S) WHICH DO NOT SERVE DEVICES IN OTHER AREAS BEING RENOVATED SHALL BE COMPLETELY REMOVED WITH ASSOCIATED WIRING, BOXES, ETC. BACK TO THE ASSOCIATED POWER PANEL. DEVICES TO BE DISCARDED.
- K. ELECTRICAL DEVICES INDICATED TO BE REMOVED IN AREAS BEING RENOVATED AND SERVED BY CIRCUIT(S) WHICH SERVE DEVICES IN AREAS NOT AFFECTED BY RENOVATION WORK SHALL BE REMOVED WITH ASSOCIATED WIRING, BOXES, ETC. TO THE NEAREST BOX IN THE UNAFFECTED AREA. DEVICES IN AREAS UNAFFECTED BY RENOVATION/ DEMOLITION SHALL BE REROUTED AND REMAIN ACTIVE.
2. PATCHING AND CUTTING
- A. PERFORM ALL CUTTING, FITTING AND PATCHING WORK THAT MAY BE REQUIRED BY ITS WORK AND AS SHOWN OR REASONABLY IMPLIED BY THE DRAWINGS AND NOTES.
- B. PERFORM WORK IN ADVANCE OF THE WORK OF OTHERS WHENEVER POSSIBLE IN ORDER TO MINIMIZE CUTTING AND PATCHING.
- C. ALL DAMAGED AREAS AND EXISTING AREAS EFFECTED BY DEMOLITION OR NEW CONSTRUCTION WORK SHOWN ON DRAWINGS SHALL BE PATCHED AS REQUIRED TO MATCH IMMEDIATE EXISTING ADJACENT AREAS IN MATERIAL, FIRE RATING, FINISH COLOR, UNLESS OTHERWISE NOTED.
- D. THE ELECTRICAL CONTRACTOR IS TO REPLACE THE INTEGRITY OF RATED PARTITIONS, COLUMNS AND BEAM FIREPROOFING EFFECTED BY ITS WORK. REPLACEMENT TO COMPLY WITH LOCAL CODES.
- E. PROVIDE SUPPORTS TO ASSURE STRUCTURAL INTEGRITY OF SURROUNDINGS. DEVICES AND METHODS TO PROTECT OTHER PORTIONS OF PROJECT FROM DAMAGE.
- F. EXECUTE WORK BY METHODS TO AVOID DAMAGE TO OTHER WORK, AND WHICH WILL PROVIDE PROPER SURFACES TO RECEIVE PATCHING AND FINISHING.
3. GENERAL
- A. FURNISH AND INSTALL ALL ELECTRICAL WORK AS SHOWN ON THE DRAWINGS AND THESE SPECIFICATIONS HEREIN. WORK INCLUDES THE FOLLOWING UNDERSTANDINGS:
- a. CONTRACT DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO OUTLINE BASIC ENGINEERING AND SYSTEMS DESIGN. THEREFORE DO NOT SHOW MINOR DETAILS AND ACCESSORIES. BECAUSE A MINOR COMPONENT IS NOT SHOWN, SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR FURNISHING AND INSTALLING ALL SUCH ITEMS NECESSARY TO PROVIDE COMPLETE, OPERATIVE AND PROPERLY INSTALLED SYSTEMS TO THE OWNER. UNDER THE BASIC CONTRACT, IF THERE ARE ANY DOUBTS AS TO WORK REQUIRED, THE CONTRACTOR SHALL OBTAIN A CLARIFICATION FROM THE ENGINEER IN THE BID STAGE.
- b. THE CONTRACT DRAWINGS SHOW THE INTENDED LOCATION OF THE EQUIPMENT. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MINOR ADJUSTMENTS OR RELOCATIONS NECESSARY DUE TO CHOICE OF EQUIPMENT AND COORDINATION CONFLICTS. ALL EQUIPMENT RELOCATIONS MUST BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL.
- c. THE PROJECT DRAWINGS, THIS SPECIFICATION, AND OTHER RELATED DOCUMENTS ARE COMPLEMENTARY. ITEMS REQUIRED BY ONE SHALL DESIGNATE REQUIREMENT BY THE OTHER, WHETHER EXPLICITLY STATED OR NOT. WHERE DOCUMENTS CONFLICT, THE WORK OF THE MORE STRINGENT NATURE SHALL BE REQUIRED.
- d. COOPERATION AND COORDINATION WITH UTILITIES, OWNER, AND OTHER SUBCONTRACTORS IS MANDATORY.
- e. EXISTING WORK AND UTILITIES WHICH ARE DAMAGED OR DISTURBED DUE TO ANY PHASE OF OPERATIONS, SHALL BE RESTORED TO THE SATISFACTION OF FPA, THE OWNER, AND THE GOVERNING AUTHORITIES.
- f. PROCUREMENT AND INSTALLATION OF MATERIALS, PRODUCTS AND EQUIPMENT SHALL BE COORDINATED WITH THE WORK OF THE OTHER TRADES, INCLUDING ALL WORK SHOWN ON THE PLUMBING, MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND ARCHITECTURAL DRAWINGS.
- B. CLEARANCES FOR WORKING SPACE AND MAINTENANCE SHALL BE MAINTAINED AS REQUIRED BY CODE AND/OR MANUFACTURER'S REQUIREMENT, WHICHEVER IS MORE STRINGENT.
- C. "PROVIDE" AND/OR "FURNISH AND INSTALL" MEANS PURCHASE, ARRANGE DELIVERY, UNLOAD, INSTALL, CONNECT, TEST, AND LEAVE READY FOR OPERATION.
- D. THE WORK CALLED FOR ON THE DRAWINGS AND SPECIFICATIONS HEREIN SHALL BE COORDINATED WITH THE STRUCTURE AND WORK OF ALL OTHER TRADES AND SHALL BE SO ARRANGED THAT THERE WILL BE NO DELAY IN THE PROPER INSTALLATION AND COMPLETION OF ANY PART OR PARTS OF EACH PERSPECTIVE WORK WHEREIN IT MAY BE INTERRELATED WITH THAT OF THIS CONTRACT SO THAT GENERALLY ALL WORK CAN PROCEED IN ITS NATURAL SEQUENCE WITHOUT UNNECESSARY DELAY.
- E. REFER TO OTHER ENGINEERING DRAWINGS FOR ALL NECESSARY FIRE DAMPERS, ALARMS, SMOKE DETECTORS, AND FIRE COMMUNICATIONS EQUIPMENT AND INSTALL PER ALL APPLICABLE CODES, AGENCIES, AND LOCAL LAWS.

- F. WHERE EXISTING POWER CIRCUITS HAVE BEEN DISTURBED, ALL COSTS FOR RECRUITING OF SAME IS TO BE INCLUDED.
- G. SHOP DRAWINGS AND DATA SHEETS ARE REQUIRED FOR ASSEMBLIES AND EQUIPMENT. THEY SHALL PROVIDE ALL PERTINENT DATA AND INFORMATION NECESSARY TO EVALUATE EACH ITEM. IRRELEVANT INFORMATION ON DRAWINGS AND DATA SHEETS SHALL BE COMPLETELY MARKED OUT LEAVING ONLY DATA THAT PERTAINS TO THE ITEMS SUBMITTED FOR APPROVAL. DRAWINGS AND DATA SHEETS SHALL SHOW:
- a. PRINCIPAL DIMENSIONS AND DETAILS OF CONSTRUCTION.
- b. WEIGHTS OF PRINCIPAL PARTS AND TOTAL WEIGHTS WITH INFORMATION REQUIRED FOR THE DESIGN OF SUPPORTS AND FOUNDATIONS.
- c. PERFORMANCE DATA AND ALL REQUIRED CALCULATIONS.
- d. UNDERWRITERS LABEL AND OTHER AUTHORITIES HAVING JURISDICTION OF EQUIPMENT REQUIRING LABELS.
- e. ALL MANUFACTURER'S TEST REPORTS THAT MAY HAVE BEEN CONDUCTED AT THE FACTORY ON TRANSFORMERS, AND INSULATION TESTS ON MEDIUM VOLTAGE CABLE INCLUDING HIGH POTENTIAL POWER AND POWER FACTOR TEST RESULTS.
- f. CERTIFIED PERFORMANCE GUARANTEES.
- I. FURNISH TEMPORARY CONNECTIONS TO SERVICES AND THE INSTRUMENTS FOR TESTING.
- J. OVERLOAD DEVICES SHALL BE ADJUSTED AND SET TO SUIT THE LOADS WHICH THEY CONTROL.
- K. ALL CHANGES SHALL BE MADE THAT ARE NECESSARY FOR ADJUSTING, SETTING, AND BALANCING.
- L. PHASE ROTATION AT ALL BUSES, PANELS, SWITCHGEAR ETC. SHALL BE CHECKED TO SEE THAT IT CONFORMS WITH RECOGNIZED STANDARDS.
- M. BEFORE ENERGIZING ANY FACTORY FABRICATED EQUIPMENT, INSPECT EACH UNIT IN DETAIL. BOLTS AND CONNECTIONS SHALL BE TIGHT (TORQUE TIGHT WHERE REQUIRED) PER MANUFACTURERS SPECIFICATIONS. COMPONENTS SHALL BE ALIGNED AND THE EQUIPMENT SHALL BE PLACED IN A SAFE OPERATIONAL CONDITION.
- N. THE COMPLETE ELECTRICAL SYSTEM SHALL BE FREE OF GROUNDS AND SHORT CIRCUITS, IT SHALL OPERATE PROPERLY UNDER FULL LOAD CONDITIONS WITHOUT EXCESSIVE HEATING AT ANY POINT IN THE SYSTEM.
- O. FURNISH AND INSTALL 120VAC CONTROL WIRING FOR THE MECHANICAL CONTRACTOR AND CONTROL SHOP DRAWINGS.
- P. OBTAIN ALL NECESSARY CONTROL WIRING DIAGRAMS FROM THE EQUIPMENT MANUFACTURER.
- Q. PROVIDE ALL NECESSARY CONTROL CIRCUITS AND INTERLOCK WIRING BETWEEN UNITS.
- R. ANY BUILDING SERVICE SHUTDOWNS REQUIRED FOR THIS WORK SHALL BE REQUESTED IN WRITING BY THE ELECTRICAL CONTRACTOR AT LEAST 72 HOURS IN ADVANCE OF THE SHUTDOWN. THE ELECTRICAL CONTRACTOR SHALL OBTAIN APPROVAL IN WRITING FROM THE OWNER PRIOR TO SHUTDOWN. ANY SHUTDOWN AFFECTING THE NORMAL ELECTRICAL SERVICE OF ANY BUILDING OCCUPANTS SHALL BE DONE ON OVERTIME.
4. CONDUITS
- A. ALL CONDUIT SHALL BE CONCEALED IN CONCRETE SLAB, IN WALLS, OR ABOVE FINISHED CEILINGS, UNLESS OTHERWISE NOTED.
- B. WHERE INDICATED, IN SERVICE AREAS, EXPOSED CONDUIT SHALL BE INSTALLED TO PROVIDE THE MAXIMUM HEADROOM BUT IN NO CASE SHALL CONDUIT BE INSTALLED LESS THAN SEVEN (7) FEET ABOVE THE FINISHED FLOOR. CONDUIT INSTALLED IN AREAS WHERE HUNG CEILINGS OR OTHER FURRED SPACES ARE INDICATED SHALL BE INSTALLED CONCEALED.
- C. WHERE WORK IS TO BE CONCEALED, CARE SHALL BE TAKEN TO INSURE THAT IT DOES NOT PROJECT BEYOND THE FINISHED LINES OF FLOORS, CEILINGS, OR WALLS.
- D. EXPOSED CONDUIT AND CONDUIT ABOVE CEILINGS SHALL BE RUN PARALLEL & PERPENDICULAR TO LINES OF THE BUILDING. BENDS SHALL BE FREE FROM KNOTS OR FLATTENING. CONDUIT SHALL BE SUPPORTED AND SECURELY FASTENED.
- E. CONDUIT SHALL BE INSTALLED TO MAINTAIN CLEARANCE FROM OTHER PIPING, VALVES, OR OTHER MECHANICAL EQUIPMENT, AND SHALL NOT BE INSTALLED WITHIN 6" OF HOT WATER, STEAM PIPING, HEATING FLUES, OR SIMILAR HOT SURFACES.
- F. POCKETS OR TRAPS IN ALL CONDUIT RUNS WHERE MOISTURE MAY COLLECT SHALL BE AVOIDED. WHERE DIPS ARE UNAVOIDABLE, AN APPROVED DRAIN FITTING SHALL BE LOCATED AT EACH LOW POINT IN ORDER TO PROVIDE A MEANS FOR DRAINAGE.
- G. CONDUIT SIZES SHALL BE IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE NEC, EXCEPT NO 1/2" CONDUIT WILL BE PERMITTED (ALL CONDUIT IN WALLS, FLOORS, ABOVE CEILINGS, EXPOSED, OR UNDERGROUND SHALL BE A MINIMUM OF 3/4").
- H. SLEEVES PASSING THROUGH FIRE RATED WALL CONSTRUCTION AND ALL SLEEVES PASSING THROUGH FLOORS SHALL BE SIZED TO ALLOW SUFFICIENT SPACE BETWEEN SLEEVE AND CONDUIT FOR FIREPROOFING WITH 3M FIRE BARRIER CAULKING MATERIAL CP29WB. ALL SPARE SLEEVES PASSING THROUGH FIRE RATED WALL CONSTRUCTION, OR FLOORS SHALL BE THOROUGHLY PACKED WITH 3M FIRE BARRIER PUTTY 303 AND CAPPED.
- I. FLEXIBLE (LIQUID TIGHT) CONDUIT SHALL BE PROVIDED TO CONNECT TO ALL MOTORS, DELICATE INSTRUMENTS AND CONTROLS, AND TO VIBRATING EQUIPMENT.
- J. INSTALLATION SHALL BE SUCH SO AS TO SUPPORT CONDUIT WITHOUT SAGGING AND SHALL BE CLEAR OF THE WORK OF OTHER TRADES. PROVISIONS FOR EXPANSION AND CONTRACTION SHALL BE MADE.
- K. CONDUITS SHALL BE FREE OF MOISTURE AND MANHOLES SHALL BE DRY.
- L. CONDUIT WORK, IN AREAS WHERE NO HUNG CEILINGS ARE PROVIDED, SHALL BE RUN EXPOSED UNLESS SPECIFICALLY NOTED OTHERWISE. IN EXPOSED AND HUNG CEILINGS ALL LIGHTING, RECEPTACLE, AND SWITCH BRANCH CIRCUITS SHALL BE RUN IN EMT. A SIX FOOT WHIP OF MC FLEXIBLE CONDUIT SHALL BE CONNECTED TO LIGHTING FIXTURES. IN STUD WALLS VERTICAL DROPS SHALL BE MC FLEXIBLE CONDUIT. IN FINISHED OR UNFINISHED BLOCK WALLS VERTICAL DROPS SHALL BE EMT CONDUIT RUN IN THE WALL.

5. BOXES
- A. PULL BOXES SHALL BE OF AMPLE SIZE FOR THE APPLICATION, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEC REQUIREMENTS.
- B. PULL BOXES SHALL BE INSTALLED BETWEEN A MAXIMUM OF EVERY 3 RIGHT ANGLE BENDS OR THE EQUIVALENT. LONG CONDUITS RUNS SHALL HAVE A PULL BOX AT LEAST EVERY 100'-0".
- C. ALL PULL BOXES SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS.
- D. ALL JUNCTION BOXES (TELEPHONE, ELECTRIC AND SIGNAL) FEEDING FURNITURE SYSTEMS SHALL BE MOUNTED AS CLOSE TO THE FLOOR AS POSSIBLE TO ALLOW DIRECT ENTRY INTO SYSTEMS BASE.
- E. ANY EXISTING JUNCTION BOXES, OUTLETS, THERMOSTATS, ETC. ON WALLS RECEIVING A NEW GYPSUM BOARD LAMINATION SHALL BE EXTENDED FLUSH TO THE NEW SURFACE.

6. CABLES/WIRES
- A. USE ONLY APPROVED TYPE LUBRICANT TO FACILITATE THE PULLING OF WIRE AND CABLE.
- B. CONDUCTORS SHALL RUN CONTINUOUS FROM OUTLET TO OUTLET. SPLICES AND TAPS WILL NOT BE ALLOWED ALONG THE CONDUCTOR. CONDUCTORS SHALL TERMINATE IN TERMINAL LUGS OR CONNECTORS MADE UP OF INSULATED TERMINAL POSTS, APPROVED AND LISTED FOR THE PURPOSE.
- C. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER 75°C. TYPE THWN AND THHN. ALL SIZES SHOWN ON THE DRAWINGS ARE BASED ON THHN COPPER.
- D. WHENEVER MULTIPLE SETS OF FEEDERS ARE RUN TO A DEVICE OR PIECE OF EQUIPMENT, EACH SET SHALL RUN IN ITS OWN CONDUIT. MULTIPLE SETS OF FEEDERS ARE NOT PERMITTED IN A COMMON CONDUIT. NO EXCEPTIONS.
- E. ALL CONDUCTORS SHALL BE COPPER. ALUMINUM CONDUCTORS SHALL NOT BE USED.
- F. ALL PHASE LEG, NEUTRAL AND GROUND CONDUCTORS SHALL BE PROPERLY COLOR CODED IN ALL PANELS, TROUGHS, CABINETS, AND BOXES IN ACCORDANCE WITH THE NEC.
- G. UNLESS OTHERWISE SPECIFIED, FURNISH ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETE INSTALLATION AND PROPER OPERATION OF ALL ELECTRICAL WORK AND EQUIPMENT ASSOCIATED WITH THE PLUMBING, FIRE PROTECTION, HEATING, VENTILATING, AND AIR CONDITIONING EQUIPMENT, AND PROCESS EQUIPMENT.
- H. CONDUCTORS UP TO AND INCLUDING SIZE #6 AWG. SHALL BE TYPE THWN-THHN. CONDUCTORS LARGER THAN SIZE #6 AWG. SHALL BE TYPE THWN. ALL RATED 600 VOLTS, COPPER CONDUCTORS.
- I. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG FOR POWER AND #14 AWG. FOR CONTROL, UNLESS OTHERWISE NOTED.
- J. MAKE DIRECT CONNECTIONS AS REQUIRED TO ALL EQUIPMENT NOT FURNISHED WITH CORD AND PLUG.
- K. ALL FEEDER WIRING RUN WITHIN THE BUILDING SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING (EMT). ALL WIRES SHALL BE RUN IN EMT TO FIRST DEVICE. MC CABLE MAY BE USED AFTER FIRST DEVICE AND ONLY IN STUDDED WALLS AND ABOVE ACOUSTICAL CEILING.

7. GROUNDING
- A. GROUNDING OF THE NON-CURRENT CARRYING METALLIC PARTS OF ALL ELECTRICAL EQUIPMENT AND ENCLOSURES INCLUDING CONDUITS, SUPPORTS, WHICH ARE INSTALLED OR CONNECTED UNDER THIS CONTRACT, SHALL BE PROPERLY CONNECTED TO THE GROUNDING SYSTEM, REGARDLESS OF WHETHER OR NOT THESE CONNECTIONS ARE SHOWN ON THE DRAWINGS.
- B. THE GROUNDING INSTALLATION SHALL HAVE PROVISIONS FOR BOTH SYSTEM AND EQUIPMENT GROUNDS AS DEFINED BY THE NEC. THESE GROUNDING SYSTEMS ARE TO BE EFFECTIVELY INSULATED FROM EACH OTHER EXCEPT AT THE SERVICE CONNECTION.
- C. GROUNDING SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF NEC AND THE NESC. LOCAL REQUIREMENTS OF THE INSPECTION AUTHORITY HAVING JURISDICTION SHALL GOVERN IN ALL MATTERS OF INTERPRETATION.
8. LIGHTING FIXTURES AND WIRING DEVICES
- A. FURNISH AND INSTALL ALL LIGHTING FIXTURES AS SHOWN AND SPECIFIED ON ELECTRICAL DRAWINGS AND SCHEDULES.
- B. SCOPE SHALL BE BASED UPON FURNISHING AND INSTALLING NEW LIGHTING FIXTURES AND REMOVING AND REINSTALLING EXISTING LIGHTING FIXTURES OF TYPES AND MANUFACTURERS AS INDICATED ON FPA DRAWINGS.
- C. ALL NEW FLUORESCENT, SPECIFIED LOW VOLTAGE AND INCANDESCENT LAMPS AND FIXTURES SHALL BE FURNISHED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. ALL LAMP TYPES SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
- D. ALL EXISTING RELOCATED AND EXISTING TO REMAIN FLUORESCENT FIXTURES SHALL BE REFURBISHED AS REQUIRED, CLEANED, RELAMPED AND TESTED.
- E. WHERE BEAMS, PIPES AND/OR DUCTS OR OTHER CONSTRUCTION DETAILS PREVENT THE USE OF STANDARD RECESSED FIXTURES, MATCHING SILLLOW RECESSED FLUORESCENT FIXTURES SHALL BE USED.
- F. AFTER TESTS HAVE BEEN COMPLETED, CLEAN ALL LIGHTING FIXTURES AND REMOVED LEAVING NOTHING IN WORKING ORDER AT THE COMPLETION OF THE ELECTRICAL WORK.
- G. ALL RECESSED FIXTURES SHALL BE SET FLUSH INTO CEILINGS.
- H. SUBMIT CATALOG CUTS OF ALL FIXTURES.
- I. COORDINATE ALL ELECTRICAL LIGHTING INSTALLATION WITH OTHER TRADES AS REQUIRED.
- J. ACCESSIBILITY OF SWITCHES, CONTROLS, ACCESS DOORS ON ELECTRICAL EQUIPMENT, ETC. SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATING, SERVICING, MAINTAINING, AND REPAIRING. THOSE WHICH ARE INSTALLED IN UNSUITABLE LOCATIONS SHALL BE REMOVED AND RELOCATED AS DIRECTED BY FPA OR OWNER AT THE ELECTRICAL CONTRACTOR'S EXPENSE.
- K. ALL LIGHTING FIXTURES AND LENSES SHALL BE CLEANED UPON COMPLETION OF INSTALLATION.
- L. FLUORESCENT LAMPS SHALL BE ENERGY SAVING TYPE. H.I.D. LAMPS SHALL BE AS NOTED OR AS RECOMMENDED BY THE FIXTURE MANUFACTURERS. BALLASTS SHALL BE HIGH POWER FACTOR, ELECTRONIC ENERGY SAVINGS TYPE.
- M. ALL LIGHTING FIXTURES SHALL BE UL LISTED AND SHALL HAVE MANUFACTURER'S NAME ON EACH FIXTURE.
- N. SWITCHES SHALL BE SPECIFICATION GRADE, AC RATED, 20 AMP, 120/277 VOLT, QUIET TYPE, EQUAL TO HUBBELL-1221.
- O. LIGHTING SWITCHES SHALL BE LOCATED ON THE "STRIKE" SIDE OF SINGLE DOORS, AND ON THE ADJACENT WALL OF THE ACTIVE DOOR FOR DOUBLE DOORS, UNLESS SPECIFICALLY DIRECTED OTHERWISE. ALL SWITCHES SHALL BE ACCESSIBLE WITH ACTIVE DOOR IN FULLY OPEN POSITION.
- P. CONTROL AND LIGHTING CIRCUITS SHALL BE CHECKED FOR PROPER FUNCTION AND FAIL-SAFE OPERATION.
- Q. COLOR OF DEVICES AND FINISH PLATES SHALL BE COORDINATED WITH ARCHITECT PRIOR TO PURCHASE AND INSTALLATION. GENERALLY, IVORY DEVICES WITH STAINLESS STEEL PLATES, UNLESS OTHERWISE NOTED.
- R. FURNISH TO THE OWNER, TEN PERCENT (10%) SPARE LAMPS FOR ALL TYPE OF LAMPS INSTALLED.

9. TELEPHONE & IT
- A. PROVIDE TELEPHONE OUTLETS WHERE SHOWN ON THE PLANS AND ALL NECESSARY CONDUIT RUNS TO TERMINATION LOCATION AS DESIGNATED.
- B. ALL ELECTRICAL AND TELEPHONE WIRING AND CONDUIT SHALL BE CONCEALED IN DRYWALL, MASONRY PARTITION, AND/OR CEILINGS.
- C. PROVIDE NEW BLANK COVER PLATES FOR EXISTING OUTLETS NOT BEING REUSED.

10. WIRING DEVICES
- A. DUPLEX CONVENIENCE RECEPTACLES SHALL BE SPECIFICATION GRADE, 20 AMPERE, 125 VOLT PARALLEL SLOT, GROUNDING TYPE, EQUAL TO HUBBELL-5362.
- B. ALL ELECTRICAL AND TELEPHONE FLOOR OUTLETS SHALL BE FLUSH TYPE WITH BRASS COVER.
- C. PROVIDE MATCHING RECEPTACLES FOR ALL EQUIPMENT FURNISHED WITH CORD AND PLUG.
- D. OUTLETS FOR SWITCHES AND RECEPTACLES IN FINISHED SPACES SHALL BE RECESSED.
- E. PROVIDE MATCHING RECEPTACLES FOR ALL EQUIPMENT FURNISHED WITH CORD AND PLUG.
- F. COLOR OF DEVICES AND FINISH PLATES SHALL BE COORDINATED WITH ARCHITECT PRIOR TO PURCHASE AND INSTALLATION. GENERALLY, IVORY DEVICES WITH STAINLESS STEEL PLATES, UNLESS OTHERWISE NOTED.

11. SAFETY SWITCHES
- A. FURNISH AND INSTALL ALL DISCONNECT SWITCHES AND MOTOR STARTERS INDICATED ON THE DRAWINGS, UNLESS OTHERWISE NOTED.
- B. ALL SAFETY SWITCHES SHALL BE QUICK MAKE, QUICK BREAK TYPE.
- C. ALL SAFETY SWITCHES, STARTERS, PUSH BUTTONS, AND ENCLOSURES SHALL BE UL LISTED AND SHALL BE NEMA 1 FOR INDOOR AND NEMA 3R FOR OUTDOOR, UNLESS OTHERWISE NOTED.
- D. ALL SAFETY SWITCHES SHALL BE HORSEPOWER RATED AND HAVE PROVISIONS FOR LOCKOUT.
- E. ALL SAFETY SWITCHES SHALL BE AS MANUFACTURED BY SQUARE 'D', CUTLER-HAMMER OR APPROVED EQUAL. CONTRACTOR SHALL COORDINATE SHORT CIRCUIT RATING OF ALL SWITCHES WITH THE PANELBOARD OR UTILITY COMPANY SHORT CIRCUIT RATING PRIOR TO ORDERING.

13. PANEL BOARDS
- L. FURNISH AND INSTALL CIRCUIT BREAKER TYPE PANEL BOARDS AS INDICATED IN THE PANEL BOARD SCHEDULES WITH BREAKERS OF FRAME AND TRIP RATINGS AS SHOWN ON THE SCHEDULES. WHERE PANEL BOARDS ARE SURFACE MOUNTED, INCLUDE SKIRT AND CAP TO MAKE CONTINUOUS FROM FLOOR TO CEILING.
- M. CIRCUIT BREAKERS SHALL BE QUICK-MAKE, THERMAL-MAGNETIC, TRIP INDICATING AND HAVE COMMON TRIP ON ALL MULTIPLE BREAKERS, TRIP INDICATION SHALL BE CLEARLY SHOWN BY THE BREAKER HANDLE TAKING POSITION BETWEEN "ON" AND "OFF" WHEN THE BREAKER IS TRIPPED AND BY INDICATION. THE INDICATION SHALL CONSIST OF A HIGHLY VISIBLE RED TRIPPED CIRCUIT INDICATOR. CONNECTION TO THE BUS SHALL BE BOLT-ON TYPE.
- N. BUS BAR CONNECTIONS TO THE BRANCH CIRCUIT SHALL BE "PHASE SEQUENCE" TYPE. THREE(3) PHASE, FOUR(4) WIRE BUSSING SHALL BE SUCH THAT ANY THREE(3) ADJACENT SINGLE POLE BREAKERS ARE INDIVIDUALLY CONNECTED TO EACH OF THE THREE(3) DIFFERENT PHASES IN SUCH A MANNER THAT TWO(2) OR THREE(3) POLE BREAKERS CAN BE INSTALLED AT ANY LOCATION. ALL CURRENT CARRYING PARTS OF THE BUS ASSEMBLY SHALL BE COPPER. MAINS RATINGS SHALL BE AS SHOWN IN THE PANEL BOARD SCHEDULE OR ON THE PLANS.
- O. ALL ELECTRICAL PANELBOARDS SHALL BE OF THE RECESSED OR SURFACE MOUNTED TYPE, AS PER THE DRAWINGS. IF FLUSH MOUNTED, IT SHALL BE SET INTO WALL AND ALL CONDUIT OUTLETS, ETC. SHALL BE FINISHED FLUSH INTO WALL. IN GENERAL, ALL EXISTING PIPING, WIRING, ETC. WHICH ARE NOT SCHEDULED FOR REUSE, SHALL BE REMOVED, CAPPED AND FINISHED OFF IN A WORKMANLIKE MANNER TO PROVIDE ACCEPTABLE APPEARANCE. COORDINATE ROUGH-IN WORK WITH OTHER TRADES, IF PANEL BOARD IS RECESSED MOUNTED.
- P. THE PANELBOARD BUS ASSEMBLY SHALL BE ENCLOSED IN A STEEL CABINET. THE SIZE OF THE WIRING OUTLETS AND GAUGE OF STEEL SHALL BE IN ACCORDANCE WITH NEMA STANDARDS AND UL STANDARD FOR PANEL BOARDS. THE BOX SHALL BE FABRICATED FROM GALVANIZED STEEL OR EQUIVALENT RUST RESISTANT STEEL. FRONTS SHALL INCLUDE DOORS AND HAVE FLUSH, CYLINDER TUMBLER-TYPE LOCKS WITH CATCHES AND SPRING LOADED STAINLESS STEEL DOOR PULLS. THE FLUSH LOCK SHALL NOT PROTRUDE BEYOND THE FRONT OF THE DOOR. FRONT SHALL HAVE ADJUSTABLE INDICATING TRIM CLAMPS WHICH SHALL BE COMPLETELY CONCEALED WHEN THE DOORS ARE CLOSED. DOORS SHALL BE MOUNTED WITH COMPLETELY CONCEALED STEEL HINGES. FRONTS SHALL NOT BE REMOVABLE WITH DOOR IN THE LOCKED POSITION. A CIRCUIT DIRECTORY FRAME AND CARD WITH A CLEAR PLASTIC COVERING SHALL BE PROVIDED ON THE INSIDE OF THE DOOR. THE DIRECTORY CARD SHALL BE TYPE WRITTEN TO IDENTIFY ALL EQUIPMENT TO AS-BUILT CONDITIONS AT COMPLETION OF JOB. PANEL DIRECTORIES SHALL INCLUDE MONTH AND YEAR IN LOWER RIGHT CORNER TO INDICATE WHEN MODIFICATIONS WERE MADE. FRONTS SHALL BE OF CODE GAUGE STEEL.
- Q. PANEL BOARDS SHALL HAVE A SHORT CIRCUIT CURRENT RATING EQUAL TO OR GREATER THAN THE INTEGRATED EQUIPMENT RATING AND SHALL BE FULLY RATED.
- R. ALL TERMINATIONS SHALL BE RATED FOR 75° C.
- S. NEW CIRCUIT BREAKERS BEING INSTALLED IN EXISTING PANELBOARDS OR SWITCHGEAR SHALL BE OF THE SAME MANUFACTURER TYPE AND AIC RATING AS THE EXISTING BREAKERS.
- T. PANEL BOARDS SHALL BE LISTED BY UNDERWRITER'S LABORATORIES AND BEAR THE UL LABEL. PANEL BOARDS SHALL BE SQUARE D BOLT ON TYPE OR APPROVED EQUAL.
- U. SWITCHBOARDS, PANELBOARDS, INDUSTRIAL CONTROL PANELS, METER SOCKET ENCLOSURES, AND MOTOR CONTROL CENTERS THAT ARE LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING OR MAINTENANCE WHILE ENERGIZED SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS. THE MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OF MAINTENANCE OF THE EQUIPMENT.

15. EXISTING UTILITIES
- N. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THIS SET OF PLANS HAS BEEN DETERMINED FROM FIELD MEASUREMENTS AND / OR PLANS PROVIDED TO FRENCH & PARRELLO ASSOCIATES. NO GUARANTEE IS MADE NOR SHOULD BE ASSUMED AS TO THE COMPLETENESS OR ACCURACY OF THE HORIZONTAL OR VERTICAL LOCATIONS. ALL PARTIES UTILIZING THIS INFORMATION SHALL FIELD VERIFY THE ACCURACY AND COMPLETENESS OF THE INFORMATION SHOWN PRIOR TO CONSTRUCTION ACTIVITIES.

MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States

Tel 704.377.2725
Fax 704.377.2807



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com



PROGRESS SET
NOT FOR CONSTRUCTION

AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. NO. 240604842100

Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name
MEADOW HILL

Project Number
059.8400.015

Description

ELECTRICAL -
ELECTRICAL SPECIFICATIONS

Scale
As indicated

E01.02

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com



PROGRESS SET
NOT FOR CONSTRUCTION

AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 24GE04842100

△ Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

**NOT FOR
CONSTRUCTION**

Project Name

MEADOW HILL

Project Number
059.8400.015








Description



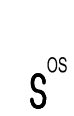







ELECTRICAL -
ELECTRICAL SCHEDULES

Scale
As indicated

E02.01

© 2023 Gensler

LIGHT FIXTURE SCHEDULE										
TYPE	SYMBOL	DESCRIPTION	MANUFACTURER	CATALOG NO.	LED	DRIVER		VOLTS	TOTAL WATTAGE	MOUNTING
						TYPE	QTY			
		3.5" SQUARE LED DOWNLIGHT WITH ALUMINUM HOUSING, ALUMINUM HEAT SINK, ACRYLIC LENS, CLEAR DIFFUSE REFLECTOR WITH WHITE PAINTED TRIM, AND 0-10V DIMMING.	FOCAL POINT	FLC33D-SDO-SW-900L-120-L11-1C LC33-SDO-SW-900L-35K-DNS-WFL-CD-WP	INCLUDED	L	1	120	11.8	RECESSED
		2W' LED TROFFER WITH STEEL CONSTRUCTION, STEEL REFLECTORS, 3500°K, AND 0-10V DIMMING.	FOCAL POINT	FLUL-24-PS-3000L-35K-1C-UNV-LD1	INCLUDED	L	1	120	30	RECESSED
		RECESSED CEILING MOUNT EDGE LIT LED (LAMS INCLUDED) EXIT SIGN WITH CLEAR FACE AND RED LETTERS/CHEVRONS AND SATIN ALUMINUM FINISH WITH NUMBER OF FACES AND ARROWS AS DESIGNATED ON LIGHTING PLAN, INTEGRAL BATTERY BACKUP.	ACUITY BRANDS	EDGR-1-R-EL (SINGLE FACE) EDGR-2-RMR-EL (DOUBLE FACE)	INCLUDED	L	1	120	4	RECESSED
<div>1. VERIFY ALL CEILING TYPES PRIOR TO ORDERING FIXTURES</div> <div>2. VERIFY ALL OPERATING VOLTAGES PRIOR TO ORDERING FIXTURES</div> <div>3. COORDINATE THE HEIGHT OF ALL SUSPENDED FIXTURES WITH THE OWNER, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION</div> <div>4. ALL LAMPS SHALL HAVE A COLOR TEMPERATURE OF 3500 DEG. KELVIN AND A CRI OF 85 UNLESS SPECIFICALLY NOTED OTHERWISE</div>				<u>BALLAST TYPES</u>	<u>EMERGENCY FIXTURES</u>					
				L LED DRIVER	 <div>FIXTURES DESIGNATED WITH A "1/2 SHADE" OR "FULL SHADE" AND ALL EXIT SIGNS SHALL BE CIRCUITED TO THE CENTRAL EMERGENCY BATTERY INVERTER. INVERTER SHALL BE SUITABLE TO PROVIDE FULL POWER TO FIXTURES FOR A MINIMUM OF 90 MINUTES.</div>					

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NO.	MOUNTING	NOTES
	OCCUPANCY SENSOR - CORNER MOUNT	WATTSTOPPER	LMPX-100	CORNER CEILING	DIGITAL PASSIVE IR
	OCCUPANCY SENSOR - 360 DEGREE	WATTSTOPPER	LMPC-100	CEILING	DIGITAL PASSIVE IR
	PASSIVE INFRARED WALL SWITCH OCCUPANCY SENSOR	WATTSTOPPER	PW-100	WALL	LINE VOLTAGE
		WATTSTOPPER	WSD-PDT	WALL	LINE VOLTAGE
	VACANCY SENSOR - CORNER MOUNT	WATTSTOPPER	LMPX-100	CORNER CEILING	DIGITAL PASSIVE IR
	VACANCY SENSOR - 360 DEGREE	WATTSTOPPER	LMPC-100	CEILING	DIGITAL PASSIVE IR
	DIMMING PHOTO SENSOR	WATTSTOPPER	LMLS-400	CEILING	IR TRANSCEIVER, (1) RJ45 PORT
	DIGITAL WALL SWITCH	WATTSTOPPER	LMWS-101	WALL	IR TRANSCEIVER, (2) RJ45 PORT
	DIGITAL WALLBOX DIMMING SWITCH	WATTSTOPPER	LMDM-101	WALL	IR TRANSCEIVER, (2) RJ45 PORT
	DIGITAL ON/OFF/0-10V DIMMING ROOM CONTROLLER	WATTSTOPPER	LMRC-211	ABOVE CEILING	0-10V. NOTES 1,2
	DIGITAL ON/OFF ROOM CONTROLLER	WATTSTOPPER	LMRC-101/102	ABOVE CEILING	LINE VOLTAGE. NOTES 1,2
NOTES:					
1. REFER TO ELECTRICAL SPECIFICATIONS AND ADDITIONAL REQUIREMENTS WHICH MAY NOT NECESSARILY BE REFLECTED IN CATALOG NUMBER AND/OR DESCRIPTION IN THE SCHEDULE. 2. CONTRACTOR SHALL PROVIDE THE APPROPRIATE NUMBER OF ROOM CONTROLLERS FOR THE PROJECT. COORDINATE WITH THE MANUFACTURER FOR THE CORRECT QUANTITY. 3. CONTRACTOR SHALL PROVIDE 4"x4" JUNCTION BOX AS REQUIRED. SEE DETAILS ON DRAWING E-500.00					

JOB NAME: MEADOW HILL BJA RATING: 208/120V, 3 PH, 4W, 400A										JOB NO: 6165 386 LOCATION: ELECTRICAL ROOM									
MDP-1 (EXISTING)																			
CKT NO	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	KBR	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT NO					
1	EXISTING LOAD	1	20	2612	2#12EG IN 3/4"	0.0	0.0	0.0	2610	2#10EG IN 3/4"	30	1	EXISTING LOAD	1					
2	EXISTING LOAD	1	20	2612	2#12EG IN 3/4"	0.0	0.0	0.0	2612	2#12EG IN 3/4"	20	1	EXISTING LOAD	2					
5	EXISTING LOAD	1	20	2612	2#12EG IN 3/4"	0.0	0.0	0.0	2612	2#12EG IN 3/4"	20	1	EXISTING LOAD	5					
7	EXISTING LOAD	1	20	2612	2#12EG IN 3/4"	0.0	0.0	0.0	2612	2#12EG IN 3/4"	20	1	EXISTING LOAD	7					
8	EXISTING LOAD	1	20	2612	2#12EG IN 3/4"	0.0	0.0	0.0	2612	2#12EG IN 3/4"	20	1	EXISTING LOAD	8					
10	EXISTING LOAD	2	20	3612	2#12EG IN 3/4"	0.0	0.0	0.0	3612	2#12EG IN 3/4"	20	2	EXISTING LOAD (OFF)	10					
11	EXISTING LOAD	2	20	3612	2#12EG IN 3/4"	0.0	0.0	0.0	3612	2#12EG IN 3/4"	20	2	EXISTING LOAD (OFF)	11					
13	EXISTING LOAD	2	20	3612	2#12EG IN 3/4"	0.0	0.0	0.0	3612	2#12EG IN 3/4"	20	2	EXISTING LOAD (OFF)	13					
15	EXISTING LOAD	2	20	3612	2#12EG IN 3/4"	0.0	0.0	0.0	3612	2#12EG IN 3/4"	20	2	EXISTING LOAD (OFF)	15					
16	EXISTING LOAD	3	50	468	1#10EG IN 1"	0.0	0.0	0.0	468	1#10EG IN 1"	50	3	EXISTING LOAD	16					
21	EXISTING LOAD	3	50	468	1#10EG IN 1"	0.0	0.0	0.0	468	1#10EG IN 1"	50	3	EXISTING LOAD	21					
23	EXISTING LOAD	1	20	2612	2#12EG IN 3/4"	0.0	0.0	0.0	2612	2#12EG IN 3/4"	20	1	EXISTING LOAD	23					
25	EXISTING LOAD	1	20	2612	2#12EG IN 3/4"	0.0	0.0	0.0	2612	2#12EG IN 3/4"	20	1	EXISTING LOAD	25					
26	EXISTING LOAD	1	15	2612	2#12EG IN 3/4"	0.0	0.0	0.0	468	1#10EG IN 1"	50	3	EXISTING LOAD	26					
28	EXISTING LOAD	1	15	2612	2#12EG IN 3/4"	0.0	0.0	0.0	468	1#10EG IN 1"	50	3	EXISTING LOAD	28					
31	ATM SUB PANEL	3	70	468	1#8EG IN 1-1/2"	0.0	0.0	0.0	468	1#8EG IN 1-1/2"	90	3	EXISTING LOAD	31					
33	ATM SUB PANEL	3	70	468	1#8EG IN 1-1/2"	0.0	0.0	0.0	468	1#8EG IN 1-1/2"	90	3	EXISTING LOAD	33					
37	EXISTING LOAD	1	20	2612	2#12EG IN 3/4"	0.0	0.0	0.0	2612	2#12EG IN 3/4"	20	1	EXISTING LOAD	37					
38	EXISTING LOAD	1	20	2612	2#12EG IN 3/4"	0.0	0.0	0.0	2612	2#12EG IN 3/4"	20	1	EXISTING LOAD	38					
41	EXISTING LOAD	1	20	2612	2#12EG IN 3/4"	0.0	0.0	0.0	2612	2#12EG IN 3/4"	20	1	EXISTING LOAD	41					
TOTAL (PHASE)						0.0	0.0	0.0											
PANEL TYPE: NEMA 1																			
INTERRUPTING SURFACE																			
MAIN CIRCUIT BREAKER: 400A																			
INTERRUPTING RATING: EXISTING KA SYM.																			
FED FROM: UTILITY																			
TOTAL CONNECTED LOAD:						0.0	0.0	0.0	KVA										
						0.0	0.0	0.0	AMPS										
NOTES 1. ALL BUSING TO BE COPPER 2. BOLT ON BREAKERS ONLY 3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING PRIOR TO PURCHASING ANY EQUIPMENT. 4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE. 5. SHORT CIRCUIT RATING: PANEL SHALL BE FULLY RATED TO INTERRUPT SYMMETRICAL SHORT CIRCUIT CURRENT AVAILABLE AT TERMINALS.																			

JOB NAME: MEADOW HILL BDA										PP1 (NEW)					JOB NO: 6195396				
RATING: 208/120V, 3 PH, 4W, 100A										LOCATION: ELECTRICAL CLOSET									
CKT	NO	CIRCUIT	POLE	LOAD	BKR	BRANCH	A	B	C	BRANCH	BKR	LOAD	POLE	CIRCUIT	CKT				
						DESCRIPTION								DESCRIPTION	NO				
	1	OFFICE RECEPTILES	1	0.4	20	2#12 & 1#120V N/34" C	0.8			2#12 & 1#120V N/34" C	20	0.4	1	WORK ROOM RECEPTS	2				
	3	OFFICE RECEPTILES	1	0.4	20	2#12 & 1#120V N/34" C	0.8	1.1		2#12 & 1#120V N/34" C	20	0.7	1	OFFICE QUAD RECEPTS	3				
	7	CALLING CARD PRINTER	1	0.5	20	2#12 & 1#120V N/34" C			0.7	2#12 & 1#120V N/34" C	20	0.2	1	SECURITY MONITOR	4				
	7	CALLING CARD PRINTER	1	0.4	20	2#12 & 1#120V N/34" C	1.1			2#12 & 1#120V N/34" C	20	0.7	1	TELLER QUAD RECEPTS	8				
		FRONTIER	0.7		20	2#12 & 1#120V N/34" C				2#12 & 1#120V N/34" C	20	0.7	1	TELEX QUAD RECEPTS	9				
	11	CSR ROOM RECEPTILES	1	0.9	20	2#12 & 1#120V N/34" C			1.3	2#12 & 1#120V N/34" C	20	0.4	1	ELECTRIC WATER COOLER	12				
	13	CONVENIENCE RECEPTILES	1	0.7	20	2#12 & 1#120V N/34" C	0.9		1.5	2#12 & 1#120V N/34" C	20	0.2	1	BREAK RM REC (GFC BREAKER)	14				
		WORK ROOM RECEPTILES	1	0.7	20	2#12 & 1#120V N/34" C				2#12 & 1#120V N/34" C	20	0.8	1	BREAK RM RECEPT RECEPT	15				
		BREAK RM RECEPTILE	1	0.2	20	2#12 & 1#120V N/34" C			1.0	2#12 & 1#120V N/34" C	20	0.8	1	BREAK RM WATER FILTER RECEPT	16				
		BREAK RM MICROWAVE	1	1.0	20	2#12 & 1#120V N/34" C			1.5	2#12 & 1#120V N/34" C	20	0.5	1	WOMENS HAND DRYER	20				
		BREAK RM BLOWER	1	0.6	20	2#12 & 1#120V N/34" C			0.7	2#12 & 1#120V N/34" C	20	0.2	1	FLUSHMETERS	22				
	23	MEKDOWNHANS FREE FAUCET	1	0.2	20	2#12 & 1#120V N/34" C			0.4	2#12 & 1#120V N/34" C	20	0.2	1	CENTRAL AREA VTA	24				
		RESTROOM RECEPT	1	0.8	20	2#12 & 1#120V N/34" C			1.4	2#12 & 1#120V N/34" C	20	0.2	1	ATM COUNTER	25				
		CENTRAL ZONE ATP FAUCET	1	0.2	20	2#12 & 1#120V N/34" C			1.0	2#12 & 1#120V N/34" C	20	0.2	1	CORRIDOR PARTNER	28				
	29	WELLNESS ROOM RECEPTILE	1	0.4	20	2#12 & 1#120V N/34" C				2#12 & 1#120V N/34" C	15	1	1	EXISTING LOADS	30				
		COMMUNIC BOOR POE	1	0.8	20	2#12 & 1#120V N/34" C			0.2	2#12 & 1#120V N/34" C	20	1.0	1	EXISTING LOADS	34				
		CATM-1	2	1.5	20	2#12 & 1#120V N/34" C			1.0	2#12 & 1#120V N/34" C	20	1.5	1	EXISTING LOADS	38				
		SPACE	1	1.5	20	2#12 & 1#120V N/34" C				2#12 & 1#120V N/34" C	20	1.5	1	SPACE	39				
		SPACE	1	20	2#12 & 1#120V N/34" C	0.0				2#12 & 1#120V N/34" C	20	1	1	SPACE	40				
		SPACE	1	20	2#12 & 1#120V N/34" C	0.0	0.0			2#12 & 1#120V N/34" C	20	1	1	SPACE	40				
		SPACE	1	20	2#12 & 1#120V N/34" C				0.9	2#12 & 1#120V N/34" C	20	1	1	SPACE	42				
TOTAL (PHASE)							5.8	7.2	5.2										
MAIN CIRCUIT BREAKER: 60A							TOTAL CONNECTED LOAD:		16.3	KA									
INTERUPTING RATING: EXISTING KA 5VM									60.7	AMPS									
FROM:																			

NOTES

ALL BUSING TO BE COPPER

CONTRACTOR ON BREAKERS ONLY

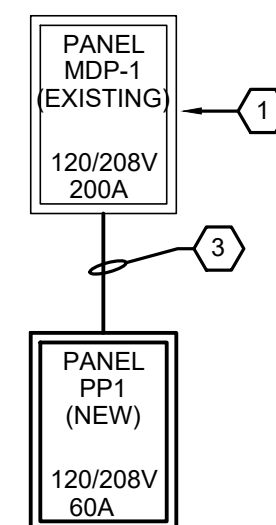
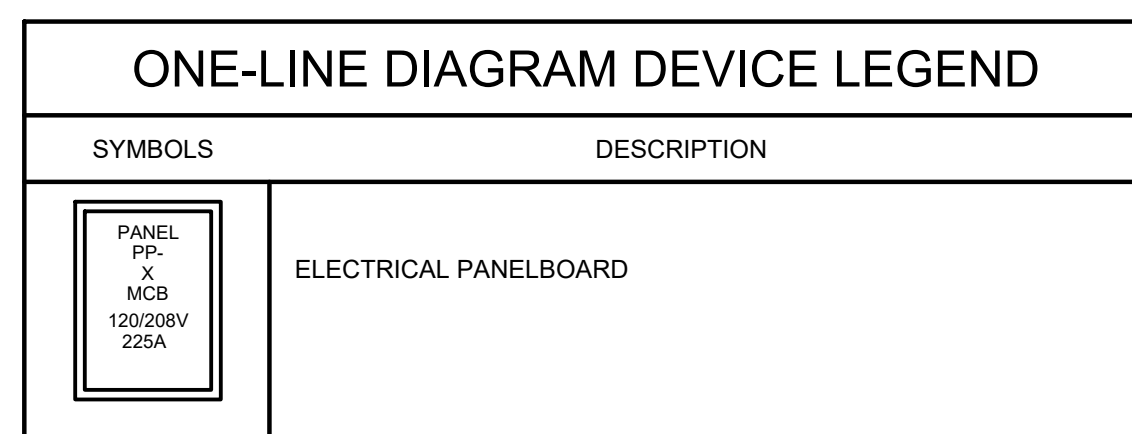
CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING PRIOR TO PURCHASING ANY EQUIPMENT.

ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.

SHORT CIRCUIT RATING: PANEL SHALL BE FULLY RATED TO INTERRUPT SYMMETRICAL SHORT CIRCUIT CURRENT AVAILABLE AT TERMINALS.

PANEL SCHEDULES KEY NOTES

- 1 REMOVE THE INDICATED CIRCUITS AND ASSOCIATED CIRCUIT BREAKERS FROM EXISTING PANEL MDP-1, RELOCATE AND RECONNECT TO NEW PANEL PP1.
- 2 CIRCUITS AND ASSOCIATED BREAKERS THAT WERE REMOVED FROM EXISTING PANEL MDP-1 AND RECONNECTED TO NEW PANEL PP1.



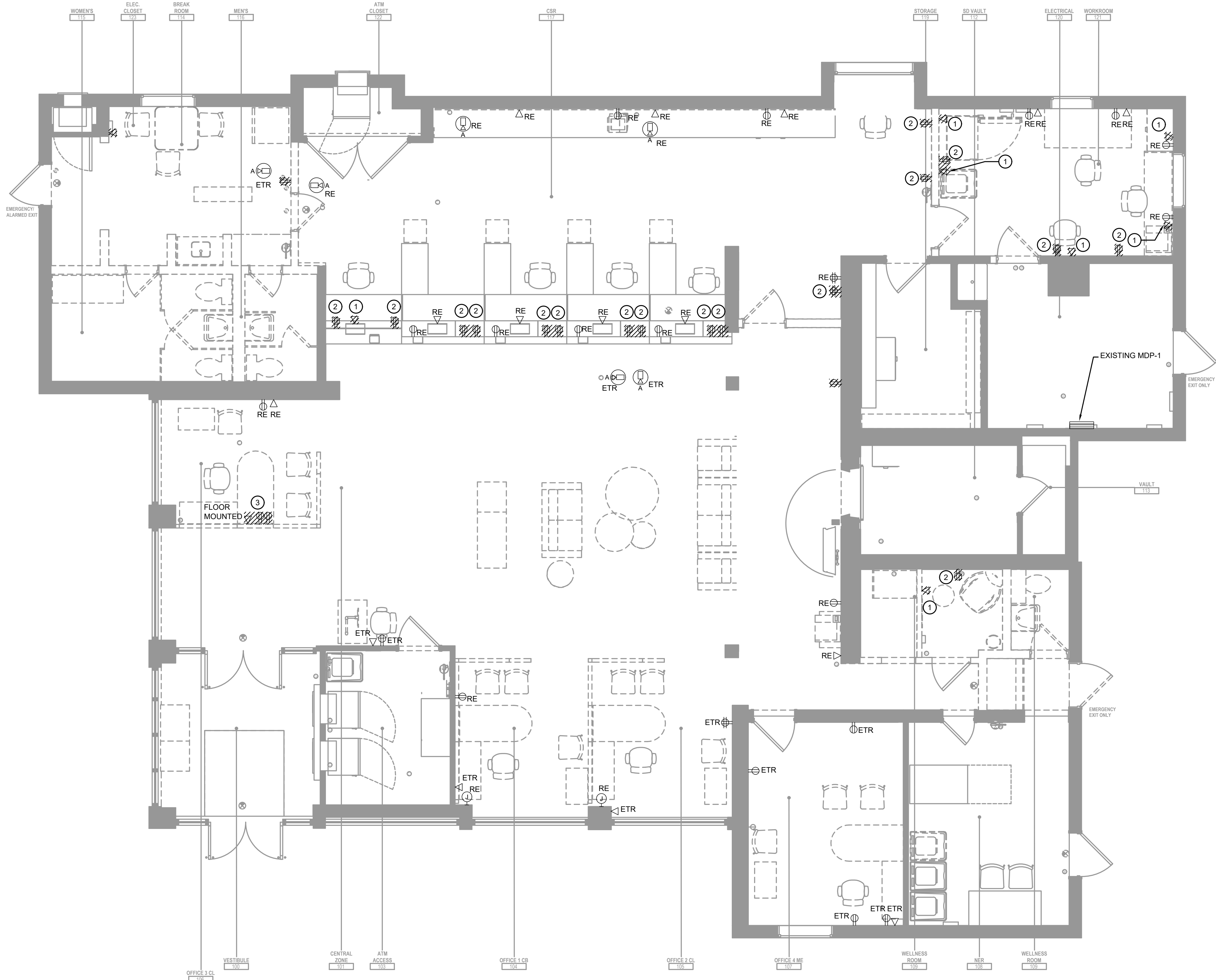
PARTIAL ONE LINE DIAGRAM
NOT TO SCALE

ONE LINE DIAGRAM KEY NOTES

- 1 REUSE THE AVAILABLE SPACE UPON THE REMOVAL OF THE (3) CIRCUIT BREAKERS IN EXISTING PANEL MDP-1 AND PROVIDE A 60A 3 POLE CIRCUIT BREAKER TO FEED NEW PANEL PP1. MATCH THE EXISTING AIC RATING.
- 2 4#6+10G IN 3/4" C

SYMBOL LIST NOTES

1. SYMBOLS ARE INDICATED FOR GENERAL REFERENCE ONLY. THE PRESENCE OF A SYMBOL DOES NOT INDICATE ITS USE ON THIS PROJECT. REFER TO PLAN DRAWINGS FOR SPECIFIC SYMBOLS USED.
2. ALL WIRING DEVICES SHALL BE LABELED WITH PANEL AND CIRCUIT NUMBER ON DEVICE PLATES.



POWER DEMOLITION PLAN

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

KEY NOTES

- 1 REMOVE THE DATA OUTLET. REMOVE THE WIRING/CONDUIT BACK TO THE SOURCE OF ORIGIN.
- 2 REMOVE THE RECEPTACLE. REMOVE THE WIRING/CONDUIT BACK TO THE SOURCE OF ORIGIN.
- 3 REMOVE THE FLOOR MOUNTED RECEPTACLE AND DATA OUTLET. REMOVE THE WIRING/CONDUIT BACK TO THE SOURCE OF ORIGIN.

GENERAL NOTES

1. REFER TO E-001.00 FOR SYMBOLS, ABBREVIATIONS, AND GENERAL INFORMATION.
2. UNLESS OTHERWISE NOTED, ALL EXISTING WIRING DEVICES, LIGHTING FIXTURES, SECURITY DEVICES, ALARMS, ETC. SHALL BE EXISTING TO REMAIN.
3. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ABANDONED WIRING AND CONDUIT BACK TO SOURCE.
4. FIELD COORDINATE AND REPORT ANY DISCREPANCIES WITH THE ARCHITECT OR ENGINEER.
5. FIELD VERIFY EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.
6. PROTECT THE AREA OF WORK FROM ANY DAMAGE, DUST AND DEBRIS.
7. THE ELECTRICAL CONTRACTOR SHALL PERFORM ALL REQUIRED ELECTRICAL DEMOLITION FOR MECHANICAL EQUIPMENT SCHEDULED FOR DEMOLITION BY OTHER TRADES. FIELD COORDINATE WITH THE MECHANICAL CONTRACTOR.
8. CONTRACTOR SHALL COORDINATE SCHEDULING WITH THE OWNER AND GENERAL CONTRACTOR TO COMPLY WITH THE OWNERS USAGE OF THE BUILDING.
9. FREED UP CIRCUITS UPON DEMOLITION SHALL BE LABELED AS SPARE IN THE ELECTRICAL PANELS.
10. FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY FOR THE CONTINUITY OF ANY FEEDERS OR BRANCH CIRCUITS ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY ELECTRICAL EQUIPMENT OR DEVICES TO REMAIN. MODIFY OR REPLACE AS REQUIRED.



MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550

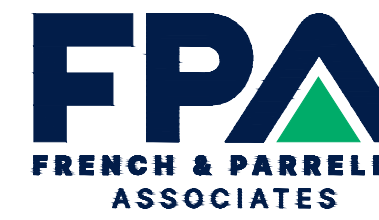
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com



Corporate Office:
1800 Rte 34, Suite 101
Wall, New Jersey 07719
732.312.9800
FPAengineers.com

New Jersey • New York • Pennsylvania • Georgia

PROGRESS SET
NOT FOR CONSTRUCTION

AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 24GED4842100

Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

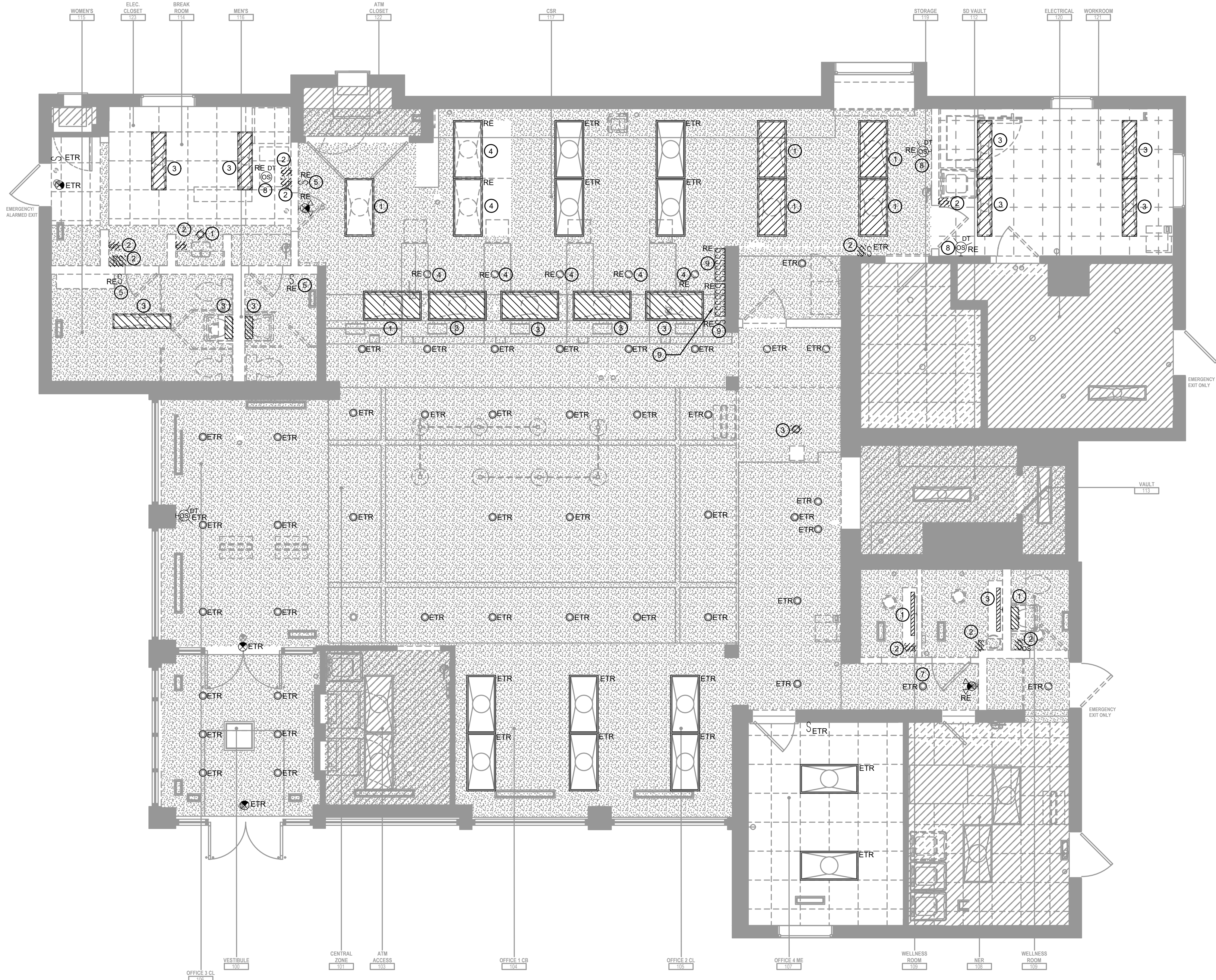
Description

ELECTRICAL -
ELECTRICAL POWER DEMOLITION PLAN

Scale

As indicated

E03.01



LIGHTING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

KEY NOTES

- 1 REMOVE THE LIGHT FIXTURE. REMOVE THE WIRING/CONDUIT BACK TO THE SOURCE OF ORIGIN.
- 2 REMOVE THE SWITCH. REMOVE THE WIRING/CONDUIT BACK TO THE SOURCE OF ORIGIN.
- 3 REMOVE THE LIGHT FIXTURE. SAFE OFF THE WIRING.
- 4 RELOCATE THE LIGHT FIXTURE. DISCONNECT AND SAFE OFF THE WIRING. SEE NEW WORK DRAWING FOR THE NEW LOCATION.
- 5 RELOCATE THE LIGHT SWITCH. DISCONNECT AND SAFE OFF THE WIRING. SEE NEW WORK DRAWING FOR THE NEW LOCATION.
- 6 REMOVE THE LIGHT SWITCH. SAFE OFF THE WIRING.
- 7 REMOVE AND SALVAGE THE LIGHT TO BE RE-INSTALLED DURING NEW PHASE WORK. SAFE OFF THE WIRING.
- 8 RELOCATE THE OCCUPANCY SENSOR. SEE NEW WORK DRAWING FOR THE NEW LOCATION.
- 9 RELOCATE THE LIGHT SWITCHES. DISCONNECT AND SAFE OFF THE WIRING. SEE NEW WORK PLAN FOR THE NEW LOCATION.

GENERAL NOTES

GENERAL NOTES

1. REFER TO E1.0 FOR SYMBOLS, ABBREVIATIONS, AND GENERAL INFORMATION.
2. UNLESS OTHERWISE NOTED, ALL EXISTING WIRING DEVICES, LIGHTING FIXTURES, SECURITY DEVICES, ALARMS, ETC. SHALL BE EXISTING TO REMAIN.
3. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ABANDONED WIRING AND CONDUIT BACK TO SOURCE.
4. FIELD COORDINATE AND REPORT ANY DISCREPANCIES WITH THE ARCHITECT OR ENGINEER.
5. FIELD VERIFY EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.
6. PROTECT THE AREA OF WORK FROM ANY DAMAGE, DUST AND DEBRIS.
7. THE ELECTRICAL CONTRACTOR SHALL PERFORM ALL REQUIRED ELECTRICAL DEMOLITION FOR MECHANICAL EQUIPMENT SCHEDULED FOR DEMOLITION BY OTHER TRADES. FIELD COORDINATE WITH THE MECHANICAL CONTRACTOR.
8. CONTRACTOR SHALL COORDINATE SCHEDULING WITH THE OWNER AND GENERAL CONTRACTOR TO COMPLY WITH THE OWNERS USAGE OF THE BUILDING.
9. PROVIDE EGRESS LIGHTING AS REQUIRED TO SERVE THE EGRESS PATH DURING DEMOLITION.
10. FREED UP CIRCUITS UPON DEMOLITION SHALL BE LABELED AS SPARE IN THE ELECTRICAL PANELS.
11. FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY FOR THE CONTINUITY OF ANY FEEDERS OR BRANCH CIRCUITS ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY ELECTRICAL EQUIPMENT OR DEVICES TO REMAIN. MODIFY OR REPLACE AS REQUIRED.

MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

PROGRESS SET NOT FOR CONSTRUCTION

AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 24GED4842100

△ Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

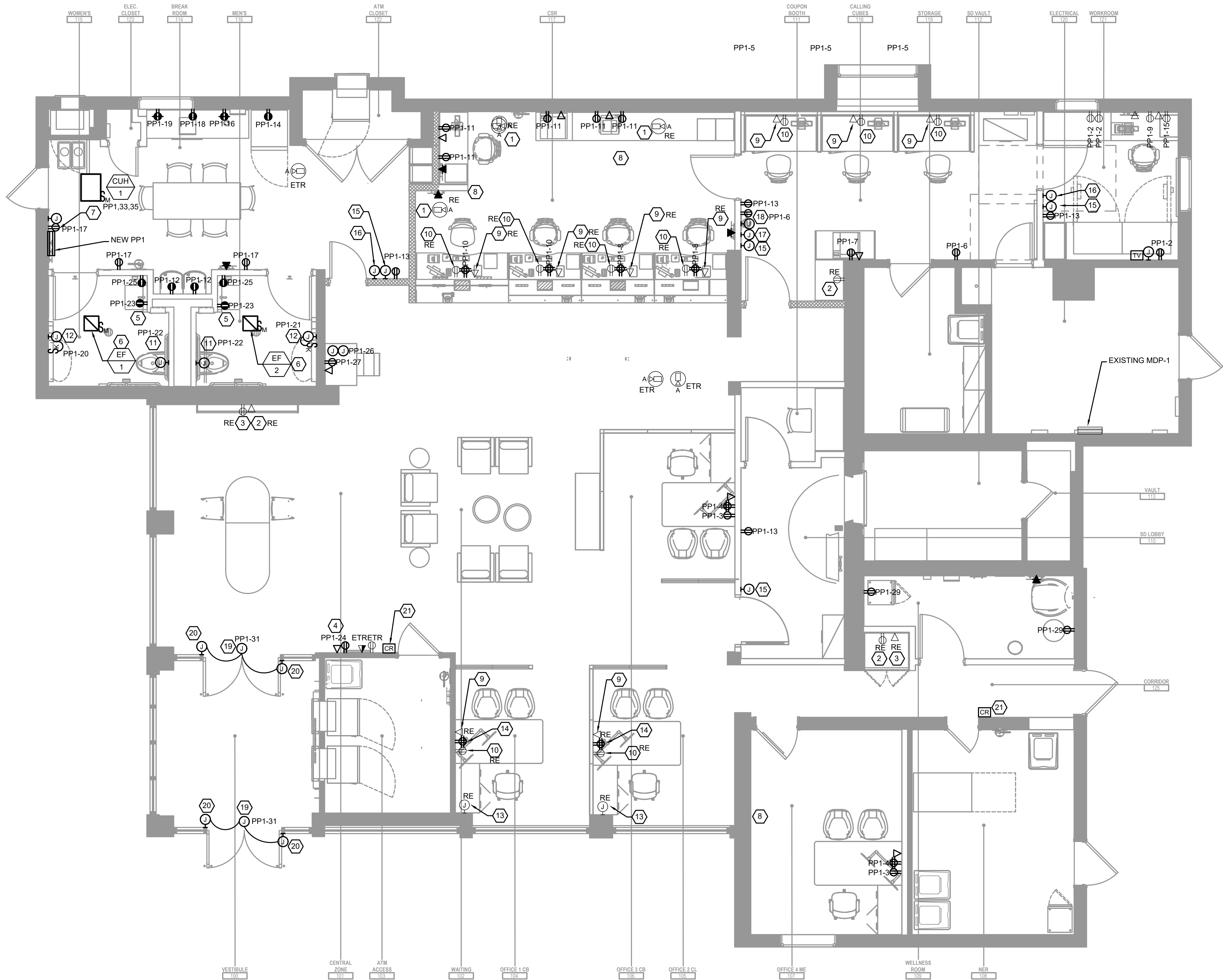
Description

ELECTRICAL -
ELECTRICAL LIGHTING DEMOLITION PLAN

Scale

As indicated

E04.01



POWER PLAN

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

KEY NOTES

- RELOCATED SECURITY CAMERA. COORDINATE THE NEW LOCATION WITH THE ARCHITECTURAL AND SECURITY DRAWINGS.
- RELOCATED RECEPTACLE. EXTEND THE WIRING AS REQUIRED USING 2#12+#12G IN 3/4" CONDUIT. COORDINATE THE NEW LOCATION INCLUDING HEIGHTS WITH THE FURNITURE LAYOUT AND THE ARCHITECTURAL DRAWINGS.
- RELOCATED DATA OUTLET. EXTEND THE WIRING AS REQUIRED. COORDINATE THE NEW LOCATION INCLUDING HEIGHTS WITH THE FURNITURE LAYOUT AND THE ARCHITECTURAL DRAWINGS.
- RECEPTACLE FOR TV. CONFIRM THE HEIGHTS WITH THE ARCHITECTURAL DRAWINGS.
- RECEPTACLE FOR SINK FAUCET SENSORS. CONFIRM THE FINAL SELECTION WITH THE MANUFACTURER AND ARCHITECT BEFORE PURCHASING.
- EXHAUST FAN. SEE MECHANICAL PLANS FOR LOCATION AND SPECIFICATIONS. CONNECT TO THE LOCAL 120V CIRCUIT USING 2#12+#12G IN 3/4" CONDUIT. CONNECT THE FAN TO THE LIGHT SWITCH USING 2#12+#12G IN 3/4" CONDUIT.
- RELOCATED SECURITY MONITOR. EXTEND WIRING AS REQUIRED. PROVIDE A JUNCTION BOX AND A RECEPTACLE. COORDINATE WITH THE BANK VENDOR. COORDINATE THE HEIGHTS WITH THE ARCHITECTURAL DRAWINGS.
- REFER TO THE FINISH DRAWINGS FOR THE COLOR/FINISH OF ALL POWER AND DATA DEVICES.
- RELOCATED DATA OUTLET. EXTEND THE WIRING AS REQUIRED. COORDINATE THE NEW LOCATION INCLUDING HEIGHTS WITH THE FURNITURE LAYOUT AND THE ARCHITECTURAL DRAWINGS.
- RELOCATED RECEPTACLE. EXTEND THE WIRING AS REQUIRED USING 2#12+#12G IN 3/4" CONDUIT. COORDINATE THE NEW LOCATION INCLUDING HEIGHTS WITH THE FURNITURE LAYOUT AND THE ARCHITECTURAL DRAWINGS.
- JUNCTION FOR FLUSHOMETER SENSOR. CONFIRM THE FINAL SELECTION WITH THE MANUFACTURER AND ARCHITECT BEFORE PURCHASING.
- JUNCTION BOX AND KEY SWITCH FOR ELECTRIC HAND DRYER. REFER TO THE DETAIL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION.
- RELOCATE AS REQUIRED AND RE USE THE FEED TO SUPPLY POWER/DATA FOR THE FURNITURE. EXTEND THE WIRING AS REQUIRED USING 2#12+#12G IN 3/4" CONDUIT. COORDINATE THE LOCATIONS AND THE INSTALLATION WITH THE ELECTRICIAN, TECHNOLOGY AND FURNITURE VENDOR.
- USE THE LOCAL CIRCUIT TO CONNECT THE NEW RECEPTACLE. EXTEND WIRING AS REQUIRED USING 2#12+#12G IN 3/4" CONDUIT. COORDINATE THE LOCATIONS AND THE INSTALLATION WITH THE ELECTRICIAN, TECHNOLOGY AND FURNITURE VENDOR.
- JUNCTION BOX FOR ROBBERY LIGHT. COORDINATE THE HEIGHT WITH THE ARCHITECTURAL DRAWINGS. REFER TO THE VENDOR FOR SPECIFICATIONS.
- JUNCTION BOX FOR HOLD UP BUTTON. COORDINATE THE HEIGHT WITH THE ARCHITECTURAL DRAWINGS. REFER TO THE VENDOR FOR SPECIFICATIONS.
- JUNCTION BOX FOR SECURITY CAMERA. COORDINATE THE HEIGHT WITH THE ARCHITECTURAL DRAWINGS. REFER TO THE VENDOR AND SECURITY DRAWINGS FOR SPECIFICATIONS.
- RECEPTACLE AND JUNCTION BOX FOR SECURITY MONITOR. PROVIDE 3/4" CONDUIT WITH PULL STRING. COORDINATE THE HEIGHT WITH THE ARCHITECTURAL DRAWINGS.
- JUNCTION BOX FOR AUTOMATIC DOOR OPERATION AND 3/4" CONDUIT TO ABOVE THE CEILING. COORDINATE THE INSTALLATION WITH THE BANK VENDOR AND SECURITY VENDOR.
- JUNCTION BOX FOR AUTOMATIC DOOR PUSH BUTTON. COORDINATE THE INSTALLATION WITH THE BANK VENDOR AND SECURITY VENDOR.
- JUNCTION BOX FOR CARD READER. PROVIDE 3/4" CONDUIT WITH PULL STRING 6" ABOVE THE CEILING.

GENERAL NOTES

- REFER TO E1.0 FOR SYMBOLS, ABBREVIATIONS, AND GENERAL INFORMATION.
- UNLESS OTHERWISE NOTED, ALL EXISTING WIRING DEVICES, LIGHTING FIXTURES, SECURITY DEVICES, ALARMS, ETC. SHALL BE EXISTING TO REMAIN.
- CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ABANDONED WIRING AND CONDUIT BACK TO SOURCE.
- FIELD COORDINATE AND REPORT ANY DISCREPANCIES WITH THE ARCHITECT OR ENGINEER.
- FIELD VERIFY EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.
- PROTECT THE AREA OF WORK FROM ANY DAMAGE, DUST AND DEBRIS.
- CONTRACTOR SHALL COORDINATE SCHEDULING WITH THE OWNER AND GENERAL CONTRACTOR TO COMPLY WITH THE OWNERS USAGE OF THE BUILDING.
- IN ALL AREAS WHERE WORK IS BEING PERFORMED UNDER THIS CONTRACT, CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORTING ALL EXISTING ELECTRICAL DEVICES AND WIRING/CONDUIT ABOVE THE EXISTING CEILINGS, PER NEC.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER CARE OF ALL OWNERS EQUIPMENT AND/OR FURNISHINGS WHICH ARE REQUIRED TO BE TEMPORARILY REMOVED, STORED OR RELOCATED. CONTRACTOR SHALL REPLACE, REPAIR OR REIMBURSE OWNER FOR ALL DAMAGES TO SUCH PROPERTIES AT FULL REPLACEMENT VALUE AND EQUIVALENCY. CONTRACTOR SHALL ADVISE OWNER FOR DISPOSITION OF REMOVED EQUIPMENT AND/OR MATERIALS.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL PANEL LOCATIONS WITH ALL TRADES AND AVOID ANY DUCT WORK OR PIPES WITHIN NEC WORKING CLEARANCE.
- ALL PENETRATIONS THRU WALLS, FLOORS, AND CEILINGS SHALL BE SEALED WITH FIRE RETARDANT MATERIAL TO MAINTAIN FIRE, SMOKE, AND DRAFT INTEGRITY OF STRUCTURE.
- CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. THE CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD TO BALANCE CIRCUITS EVENLY ON ALL PHASES.
- CONFIRM AND COORDINATE THE LOCATIONS/HEIGHTS OF ALL AV DEVICES, RECEPTACLES, DATA OUTLETS, TEL/DATA OUTLETS WITH THE ARCHITECTURAL DRAWINGS AND THE FINAL FURNITURE LAYOUT.
- ALL RECEPTACLE, DATA, AND TEL/DATA OUTLETS FACEPLATES TO MATCH BANK OF AMERICA STANDARDS AND COLOR.
- PROVIDE A JUNCTION BOX AND A 1" CONDUIT AND PULL STRING FOR AV U.O.N. REFER TO IT DRAWINGS AND THE ARCHITECTURAL DRAWINGS.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL THE EQUIPMENT THAT WILL BE RE-USED.

MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

PROGRESS SET
NOT FOR CONSTRUCTION

AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 24GED4842100

△ Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

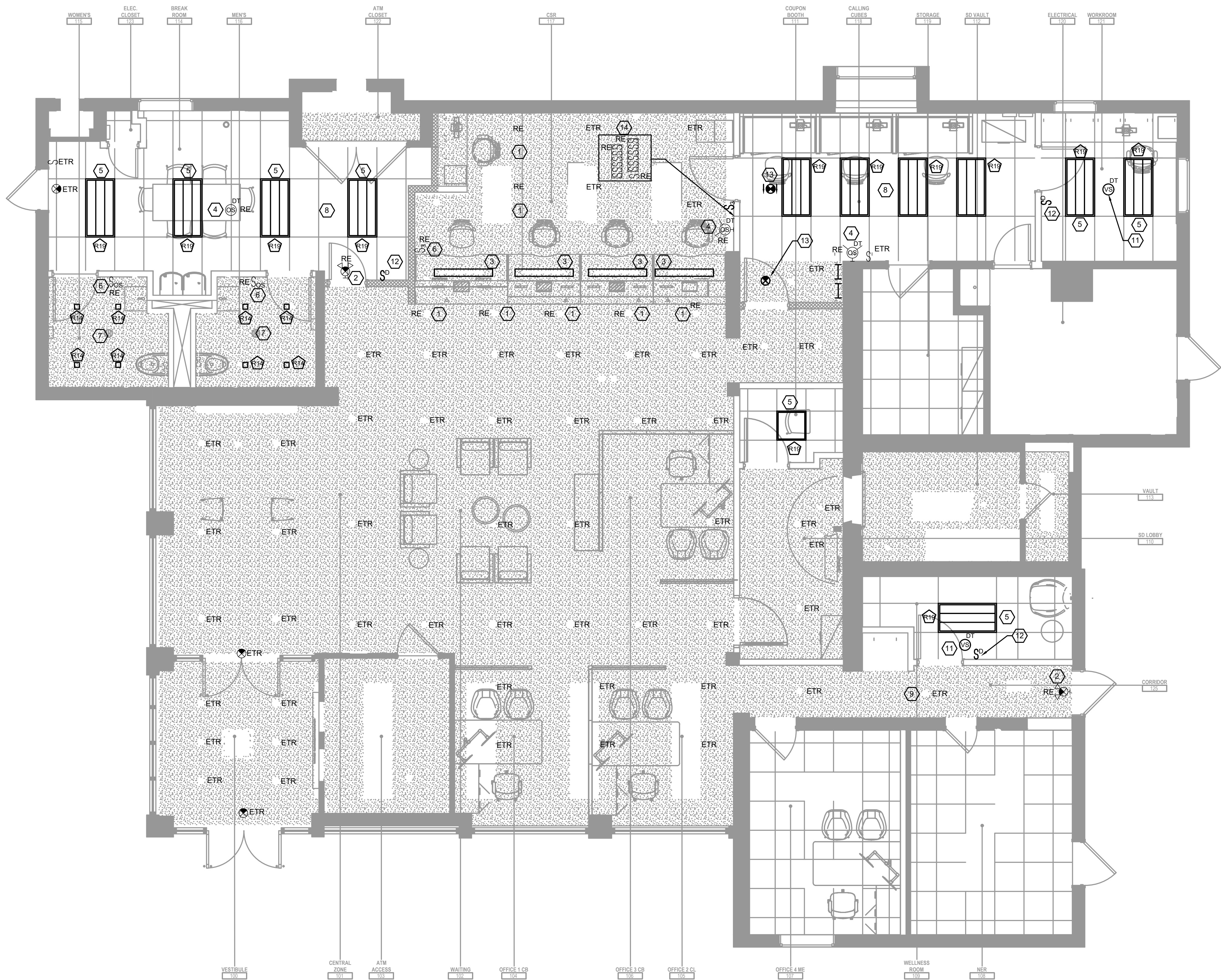
Description

ELECTRICAL -
ELECTRICAL POWER PLAN

Scale

As indicated

E05.01



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

KEY NOTES

1. RELOCATED LIGHT FIXTURE. RE-USE THE EXISTING WIRING THAT WAS SAFED OFF DURING DEMOLITION AND THE EXISTING CIRCUIT TO RE-CONNECT THE LIGHT. EXTEND WIRING/CONDUIT AS REQUIRED USING 2#12+#12G IN 3/4"C.
2. RELOCATED EXIT/EMERGENCY LIGHT. EXTEND WIRING/CONDUIT AS REQUIRED USING 2#12+#12G IN 3/4"C.
3. RE-USE THE EXISTING WIRING THAT WAS SAFED-OFF DURING DEMOLITION AND THE EXISTING CIRCUIT TO CONNECT THE NEW LIGHT. EXTEND WIRING AS REQUIRED USING 2#12+#12G IN 3/4"C. RECONNECT TO EXISTING CONTROLS SERVING THE SPACE USING 2#12+#12G IN 3/4"C. COORDINATE LIGHT FIXTURE LOCATION WITH THE TELLER FURNITURE STATION LOCATION.
4. RELOCATED OCCUPANCY SENSOR. EXTEND THE WIRING AS REQUIRED.
5. RE-USE THE EXISTING WIRING THAT WAS SAFED-OFF DURING DEMOLITION AND THE EXISTING CIRCUIT TO CONNECT THE NEW LIGHT. EXTEND WIRING AS REQUIRED USING 2#12+#12G IN 3/4"C.
6. RELOCATED SWITCH. REUSE THE EXISTING WIRING THAT WAS SAFED OFF DURING DEMOLITION TO CONNECT THE LIGHT SWITCH. EXTEND WIRING AS REQUIRED USING 2#12+#12G IN 3/4"C.
7. RE-USE THE EXISTING WIRING THAT WAS SAFED-OFF DURING DEMOLITION AND THE EXISTING CIRCUIT TO CONNECT THE NEW LIGHTS IN THIS SPACE. EXTEND WIRING AS REQUIRED USING 2#12+#12G IN 3/4"C.
8. IDENTIFY, DISCONNECT AND REMOVE ALL THE CONTROLS IN THIS SPACE FROM ANY LIGHTS LOCATED IN OTHER SPACES.
9. RE-USE THE EXISTING WIRING THAT WAS SAFED OFF DURING DEMOLITION TO RE-INSTALLED THE SALVAGED LIGHT. EXTEND THE WIRING AS REQUIRED USING 2#12+#12G IN 3/4"C.
10. IDENTIFY THE SWITCH THAT CONTROLS LIGHTS IN OTHER SPACE. DISCONNECT AND RELOCATE THE SWITCH TO ROOM CSR 117.
11. PROVIDE A VACANCY SENSOR AND A POWER PACK. SEE LIGHT FIXTURE CONTROL SCHEDULE AND DETAILS.
12. NEW LIGHT SWITCH. WIRE THE SWITCH TO THE NEW LIGHT FIXTURE USING 2#12+#12G IN 3/4" CONDUIT.
13. NEW EXIT SIGN. CONNECT TO THE LOCAL EXISTING CIRCUIT USING 2#12+#12G IN 3/4" CONDUIT.
14. RELOCATED LIGHT SWITCHES. REUSE THE EXISTING WIRING THAT WAS SAFED OFF DURING DEMOLITION TO CONNECT THE LIGHT SWITCH. EXTEND WIRING AS REQUIRED USING 2#12+#12G IN 3/4"C.

GENERAL NOTES

1. REFER TO E1.0 FOR SYMBOLS, ABBREVIATIONS, AND GENERAL INFORMATION.
2. UNLESS OTHERWISE NOTED, ALL EXISTING WIRING DEVICES, LIGHTING FIXTURES, SECURITY DEVICES, ALARMS, ETC. SHALL BE EXISTING TO REMAIN.
3. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ABANDONED WIRING AND CONDUIT BACK TO SOURCE.
4. FIELD COORDINATE AND REPORT ANY DISCREPANCIES WITH THE ARCHITECT OR ENGINEER.
5. FIELD VERIFY EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.
6. PROTECT THE AREA OF WORK FROM ANY DAMAGE, DUST AND DEBRIS.
7. CONTRACTOR SHALL COORDINATE SCHEDULING WITH THE OWNER AND GENERAL CONTRACTOR TO COMPLY WITH THE OWNERS USAGE OF THE BUILDING.
8. IN ALL AREAS WHERE WORK IS BEING PERFORMED UNDER THIS CONTRACT, CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORTING ALL EXISTING ELECTRICAL DEVICES AND WIRING/CONDUIT ABOVE THE EXISTING CEILINGS, PER NEC.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER CARE OF ALL OWNER'S EQUIPMENT AND/OR FURNISHINGS WHICH ARE REQUIRED TO BE TEMPORARILY REMOVED, STORED OR RELOCATED. CONTRACTOR SHALL REPLACE, REPAIR OR REIMBURSE OWNER FOR ALL DAMAGES TO SUCH PROPERTIES AT FULL REPLACEMENT VALUE AND EQUIVALENCY. CONTRACTOR SHALL ADVISE OWNER FOR DISPOSITION OF REMOVED EQUIPMENT AND/OR MATERIALS.
10. ALL PENETRATIONS THRU WALLS, FLOORS, AND CEILINGS SHALL BE SEALED WITH FIRE RETARDANT MATERIAL TO MAINTAIN FIRE, SMOKE, AND DRAFT INTEGRITY OF STRUCTURE.
11. CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. THE CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD TO BALANCE CIRCUITS EVENLY ON ALL PHASES.
12. CONTRACTOR SHALL CONFIRM THE LIGHTING VOLTAGE TO MATCH THE EXISTING LIGHTS BEFORE PURCHASING THE LIGHT FIXTURES.
13. PROVIDE AN EMERGENCY BATTERY BACKUP WITH A MINIMUM 90 MINUTE BACKUP FOR THE EMERGENCY LIGHTS.
14. CONTRACTOR SHALL CONFIRM THE COMPATIBILITY OF THE LIGHTING CONTROLS WITH THE NEW AND EXISTING LIGHTS.
15. ALL EXIT/EMERGENCY LIGHTS SHALL BE CONNECTED TO THE UNSWITCHED HOT LEG OF THE LOCAL LOCAL CIRCUIT.

MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550

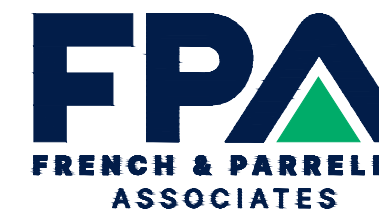
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com



PROGRESS SET NOT FOR CONSTRUCTION

AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 240ED4842100

Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

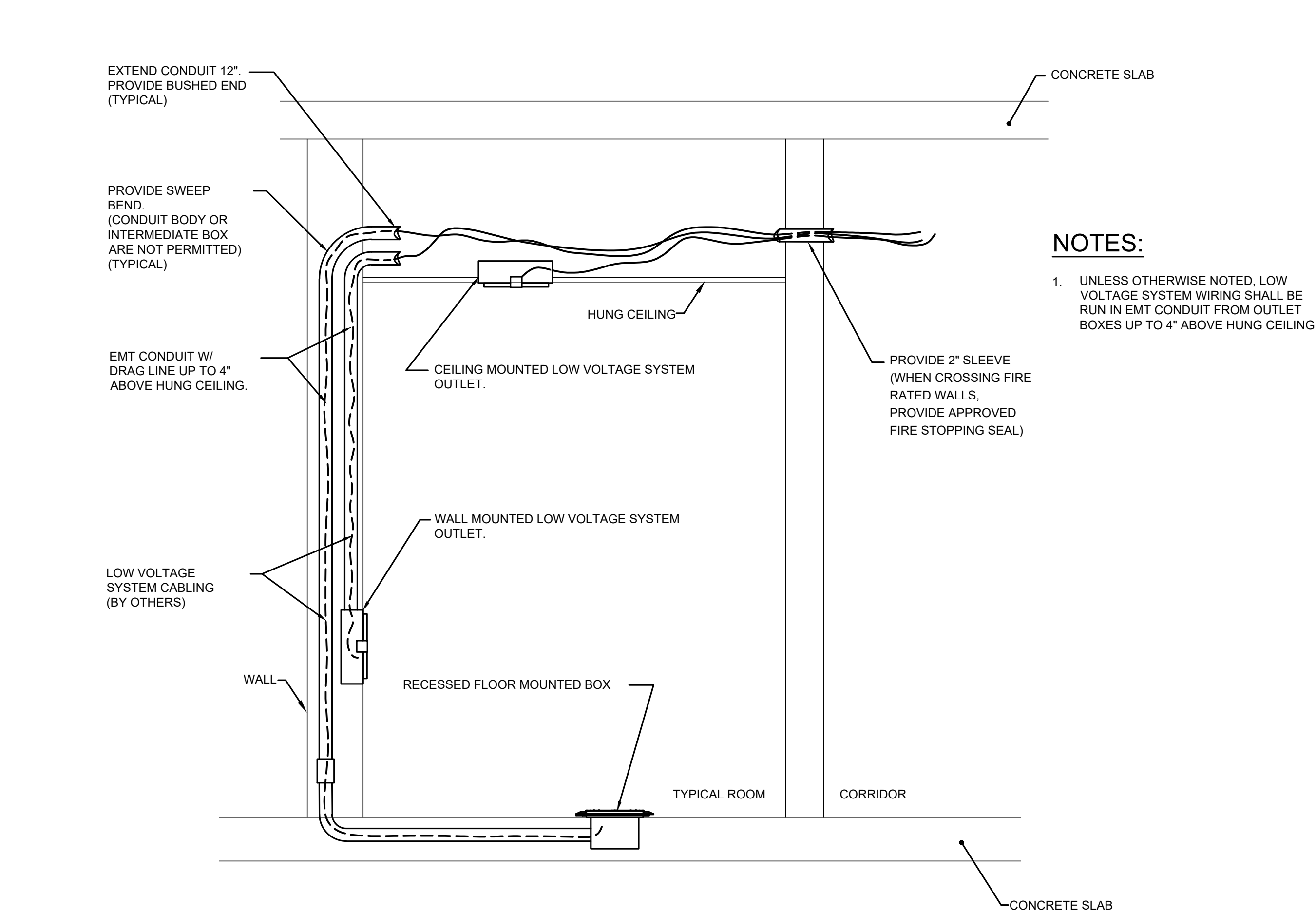
NOT FOR CONSTRUCTION

Project Name
MEADOW HILL
Project Number
059.8400.015
Description

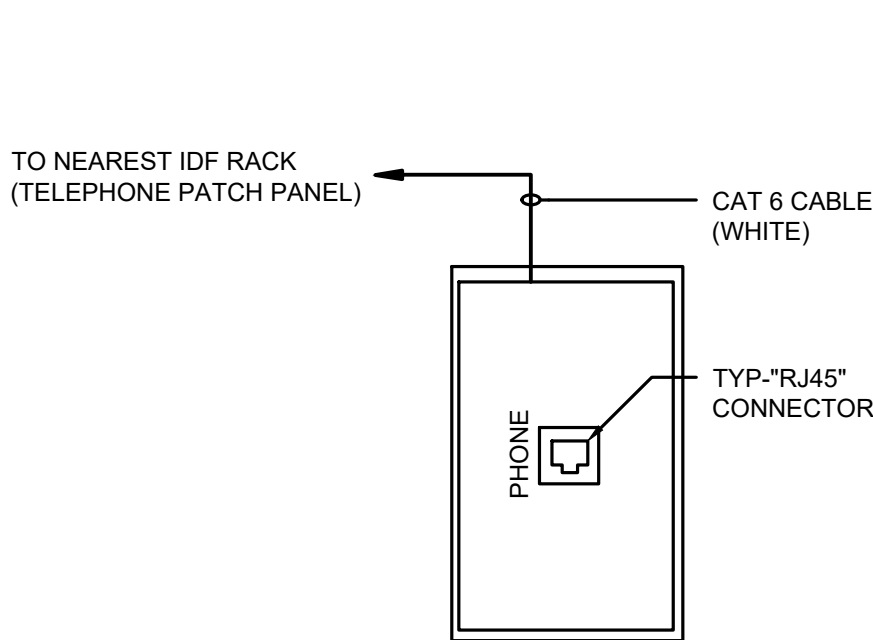
ELECTRICAL -
ELECTRICAL LIGHTING PLAN

Scale
As indicated

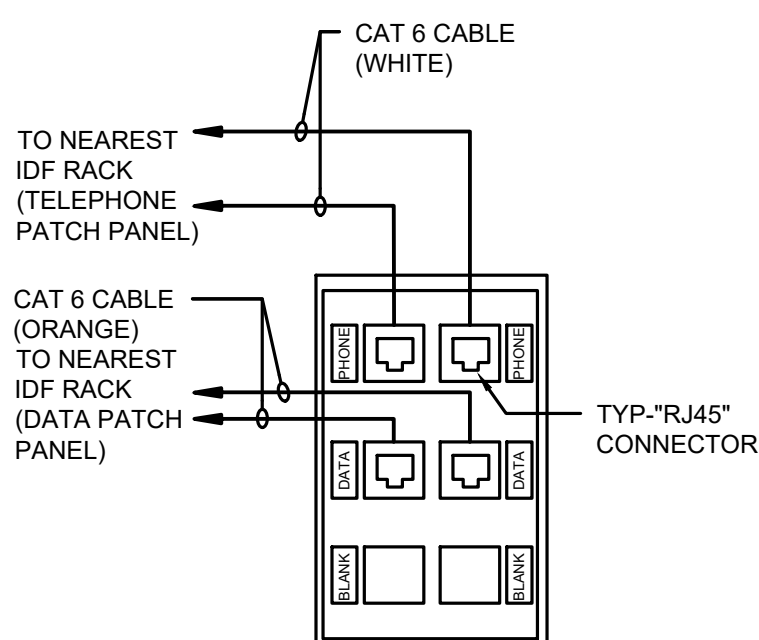
E06.01



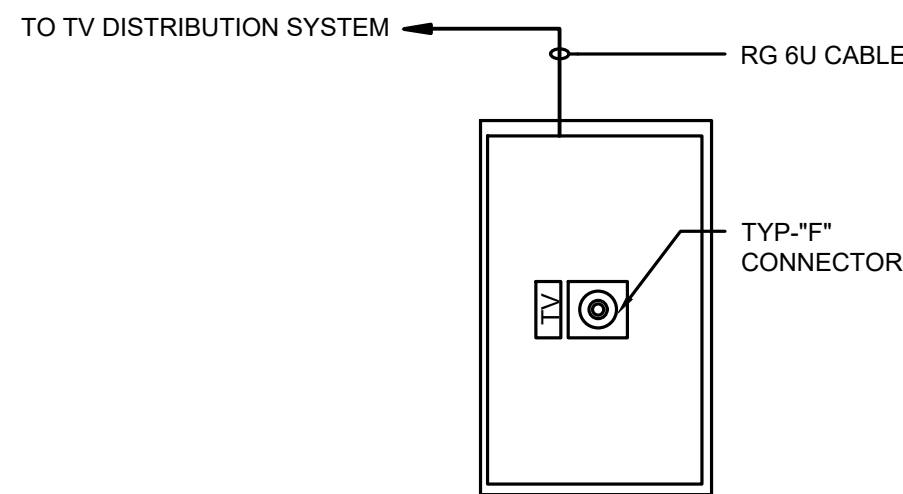
WIRING INSTALLATION - LOW VOLTAGE DETAIL
NOT TO SCALE



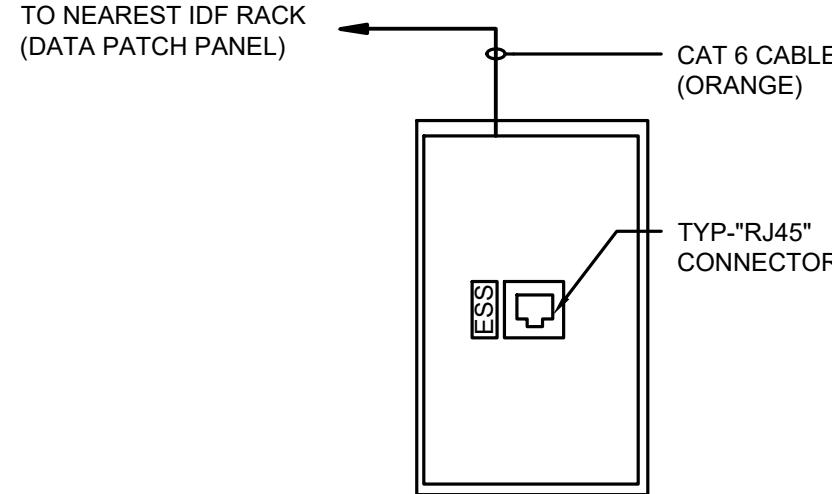
TYPICAL WALL MOUNT TELEPHONE JACK
NOT TO SCALE



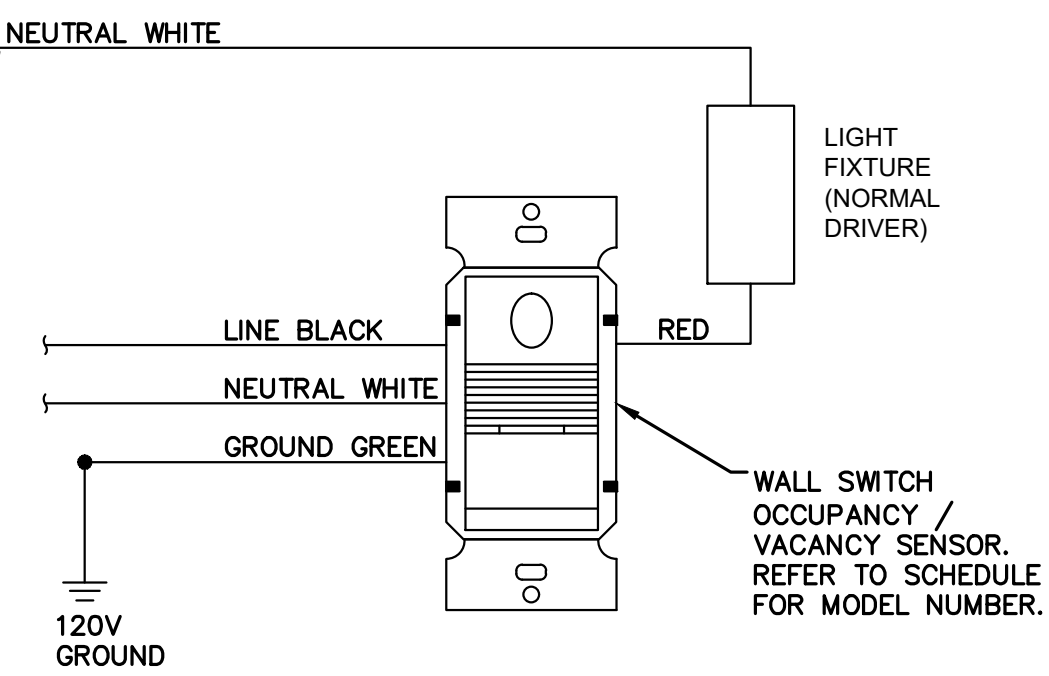
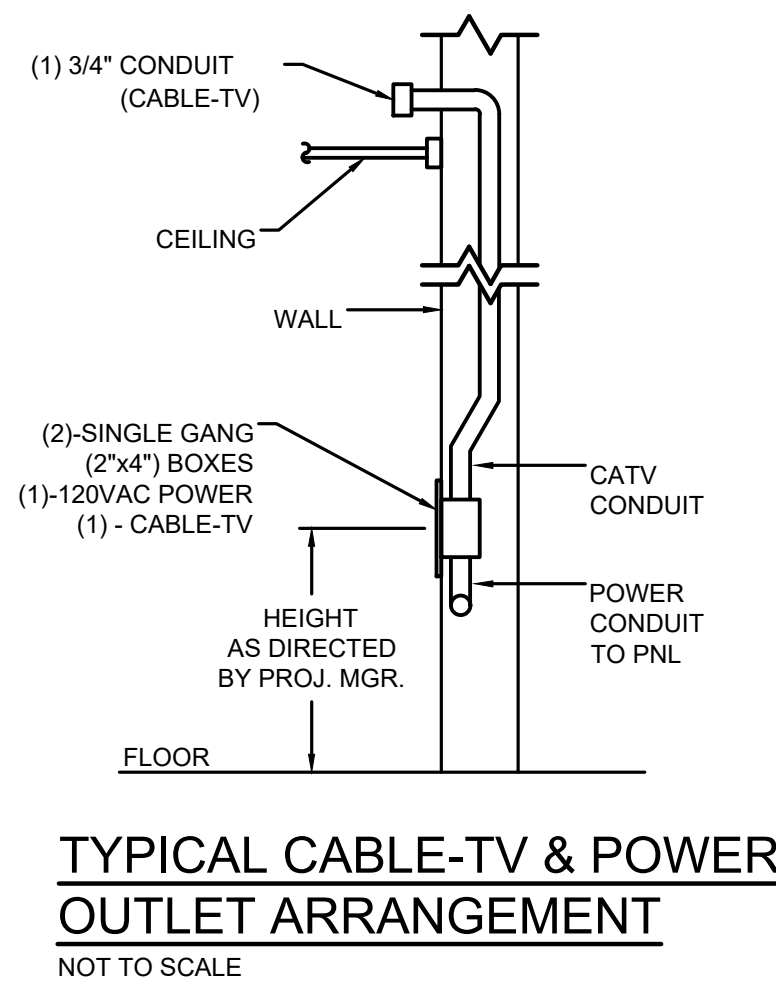
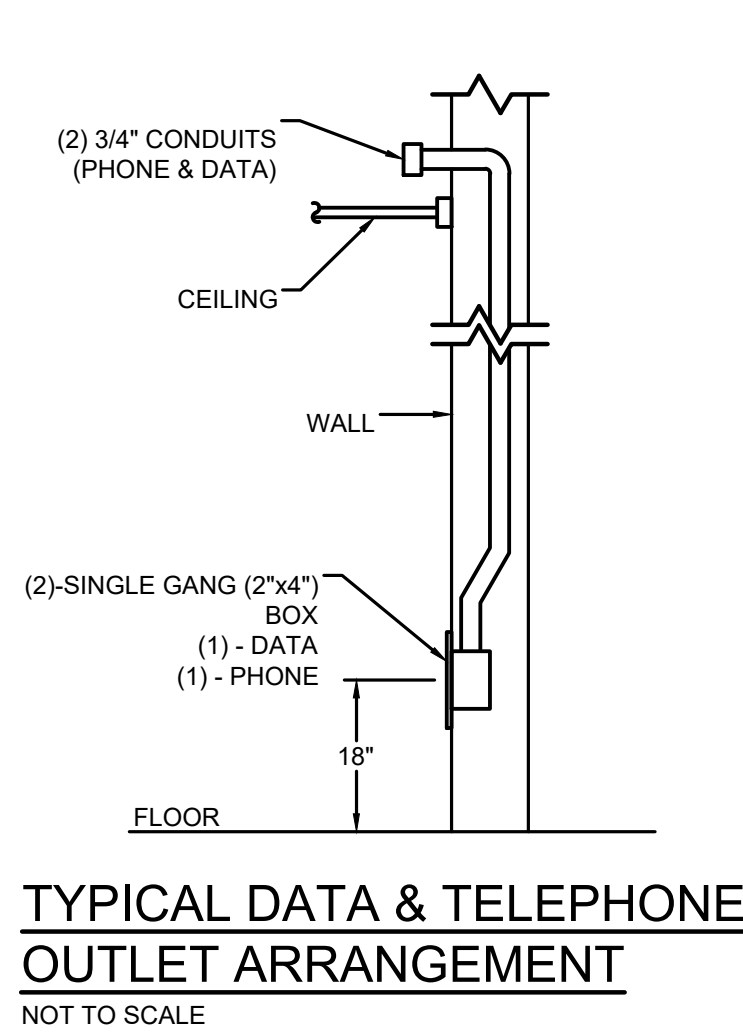
TYPICAL TELE/DATA JACK
NOT TO SCALE



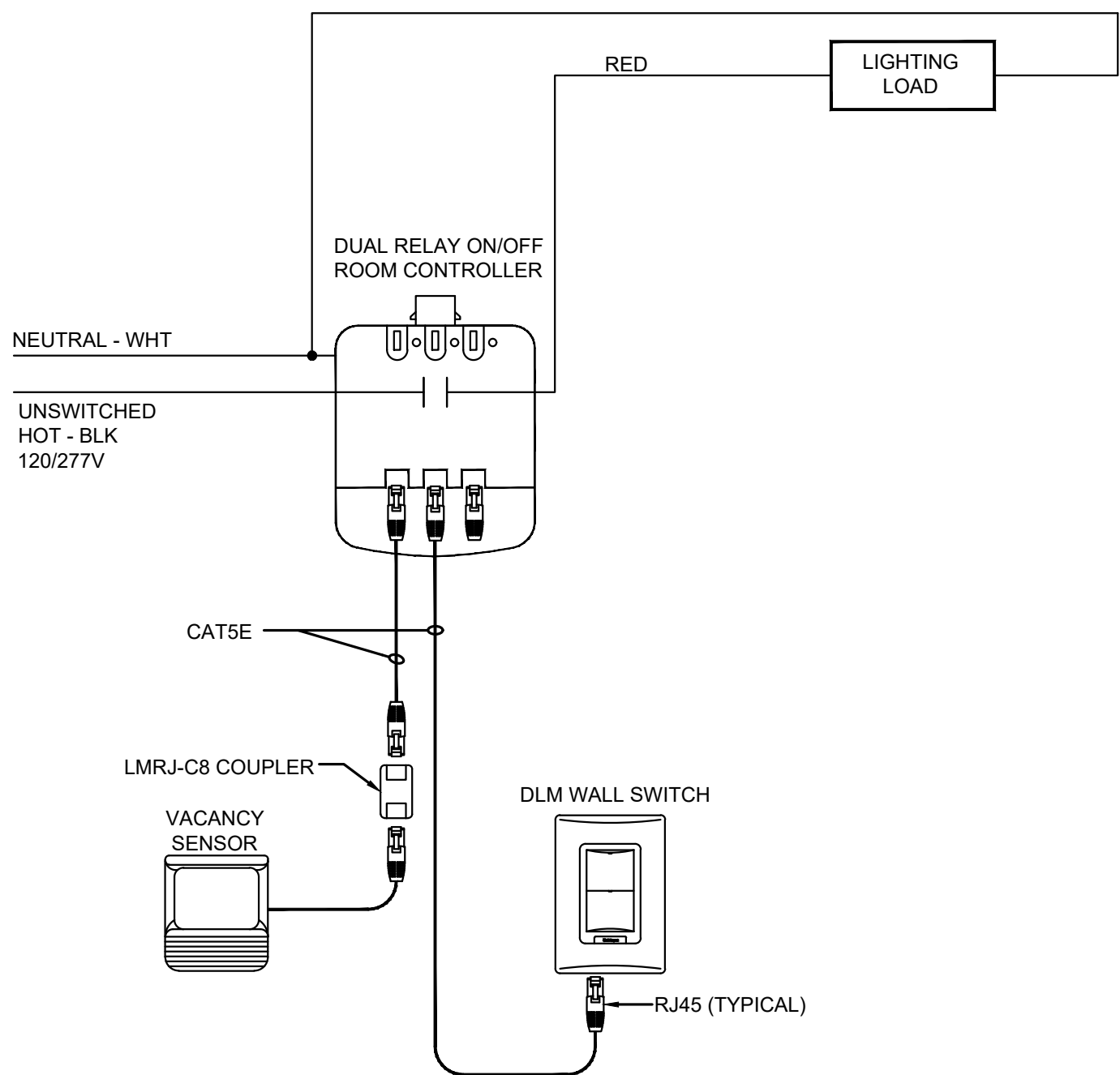
TYPICAL WALL MOUNT TV JACK
NOT TO SCALE



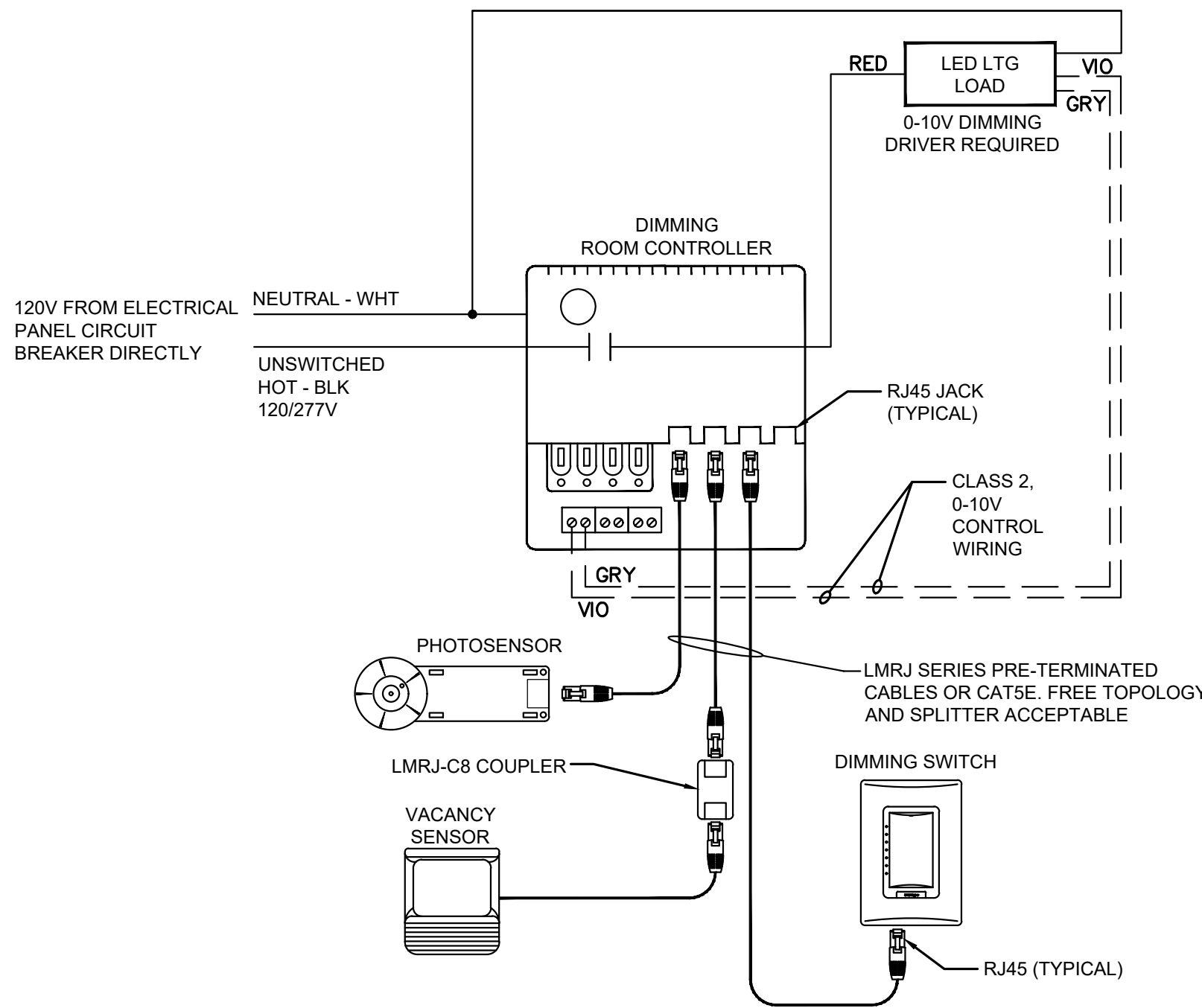
TYPICAL WALL MOUNT ESS JACK
NOT TO SCALE



WALL SWITCH VACANCY / OCCUPANCY SENSOR WIRING SCHEMATIC
NOT TO SCALE



TYPICAL LIGHTING CONTROL SCHEMATIC
NOT TO SCALE



TYPICAL VACANCY AND DAYLIGHT SENSING LIGHTING CONTROL SCHEMATIC
NOT TO SCALE

MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com



Corporate Office:
1800 Rte 34, Suite 101
Wall, New Jersey 07719
732.312.9800
FPAengineers.com

PROGRESS SET
NOT FOR CONSTRUCTION
AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 24GED4842100

Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

ELECTRICAL -
ELECTRICAL DETAILS

Scale

As indicated

E07.01

SPECIFICATIONS

1. GENERAL
- A. ALL WORK AND MATERIALS SHALL COMPLY WITH APPLICABLE REVISIONS OF THE 2015 NATIONAL STANDARD PLUMBING CODE.

B. IF ANY UNEXPECTED DISCOVERY OF SUSPECTED HAZARDOUS MATERIALS IS MADE DURING THE COURSE OF WORK, THE CONTRACTOR SHALL REPORT THE DISCOVERY IMMEDIATELY TO THE OWNER. THE CONTRACTOR SHALL STOP ANY WORK THAT MAY DISTURB THE SUSPECTED HAZARDOUS MATERIAL. CONTRACTOR SHALL RESUME WORK AFTER ALL HAZARDOUS MATERIAL HAS BEEN REMEDIATED.

C. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND INSPECTION CERTIFICATES AND MAKE AVAILABLE AT THE COMPLETION OF THE WORK.
2. WORK
- A. IT IS THE INTENT OF THESE SPECIFICATIONS TO HAVE THE CONTRACTOR PROVIDE FOR THE FURNISHING OF ALL LABOR, MATERIALS, PROTECTION AND SUPERVISION NECESSARY AND REQUIRED TO COMPLETE THE PLUMBING WORK AS INDICATED ON THE DRAWINGS AND DESCRIBED OR REFERRED TO IN THESE SPECIFICATIONS.

B. ALL PLUMBING AND DRAINAGE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE PERTINENT REQUIREMENTS OF THE 2015 NATIONAL PLUMBING CODE, HEALTH DEPARTMENT AND OTHER AGENCIES OR DEPARTMENTS HAVING JURISDICTION.

C. ALL WORK SHOWN ON THE DRAWINGS IS DIAGRAMMATIC AND SHALL BE INSTALLED TO FIT ACTUAL BUILDING CONDITIONS, ALL SUBJECT TO APPROVAL. THE CONTRACTOR SHALL AS PART OF THIS CONTRACT, FURNISH ALL INCIDENTALS SUCH AS PIPES, FITTINGS, VALVES, PIPE HANGERS AND SUPPORTS, ETC, AND ALL REMOVALS, TESTING, CLEANING AND MISCELLANEOUS ITEMS NECESSARY TO LEAVE EACH SYSTEM COMPLETE IN EVERY DETAIL AND READY FOR OPERATION.

D. IF MENTION HAS BEEN OMITTED IN THE SPECIFICATIONS OF ANY WORK SHOWN ON THE DRAWINGS OR IF WORK NOT SHOWN ON THE DRAWINGS IS CALLED FOR IN THE SPECIFICATIONS, SAME SHALL BE INCLUDED AS PART OF THE WORK OF THE CONTRACTOR.

E. THE CONTRACTOR SHALL PROVIDE ALL LABOR AND NEW MATERIALS REQUIRED, AS INDICATED ON THE DRAWINGS, AND IN SPECIFICATIONS.

F. CONTRACTOR TO COORDINATE WITH OTHER TRADES AND EXISTING CONDITIONS OF THE JOB SITE AND MAINTAIN REQUIRED CEILING HEIGHTS AND SPACE CONDITIONS.
3. RELATED WORK ON OTHER DRAWINGS
- A. ARCHITECTURAL AND INTERIOR DESIGN

B. ELECTRICAL, CONDUITS, POWER WIRING, ETC, FOR EQUIPMENT

C. HEATING, VENTILATING AND AIR CONDITIONING
4. OPENINGS AND CHASES
- A. THE CONTRACTOR SHALL PROVIDE ALL OPENINGS, CHASES AND RECESSES THAT ARE REQUIRED FOR THE INSTALLATION OF THE WORK. THE CONTRACTOR SHALL DETERMINE IN AMPLE TIME, PRIOR TO THE INSTALLATION OF HIS WORK, ALL REQUIRED OPENINGS FOR ADMISSION OF FLOOR DRAINS, ETC.

B. THE CONTRACTOR SHALL INSPECT THE GENERAL PLANS FOR PIPE SPACES AND SHALL PERFORM ALL NECESSARY CUTTING, IF SUCH IS REQUIRED, TO ALLOW FOR THE INSTALLATION OF THE WORK. THE CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIALS AND DISPOSE OF SAME, AS AND WHERE DIRECTED BY THE OWNER.

C. CUTTING SHALL BE DONE WITH HAND TOOLS. NO CUTTING BY JACKHAMMER SHALL BE PERMITTED.
5. CONSTRUCTION NOTES
- A. IT IS INTENDED THAT EACH PART OF THE SYSTEM SHALL BE COMPLETE IN ALL DETAILS AND WATER LINES PROVIDED WITH ALL CONTROL AND OR INSTALLATION VALVES NECESSARY FOR SATISFACTORY OPERATION AND MAINTENANCE.

B. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE PLANS OF OTHER TRADES IN DETAIL AND ALL CONDITIONS RELATIVE TO THE INSTALLATION OF PIPING, PRIOR TO COMMENCING WORK.

C. IN NO CASE SHALL PIPING BE EXPOSED BEYOND FINISHED LINES UNLESS SPECIFICALLY SHOWN OTHERWISE ON DRAWINGS. THE CONTRACTOR SHALL CONSULT WITH THE OTHER TRADES IN THE BUILDING AND INSTALL PIPING IN SUCH A WAY AS TO MINIMIZE ANY INTERFERENCE WITH THE WORK OF OTHER TRADES.

D. ALL WATER PIPING SHALL BE CONTINUOUSLY SLOPED SO AS TO DRAIN WITHOUT POCKETING BY GRAVITY. ALL BRANCHES SHALL BE CONTINUOUSLY SLOPED WITHOUT POCKETING AND SHALL NOT BE TRAPPED.

E. ALL PIPING SHALL BE INSTALLED SO AS TO AVOID DUCTS AND ELECTRICAL OUTLETS. PRIOR TO THE INSTALLATION OF ANY PLUMBING, THE CONTRACTOR SHALL CONSULT WITH ALL OTHER AFFECTED TRADES, SO AS TO FACILITATE THE ERECTION OF THE EQUIPMENT.

F. AFTER CUTTING, ALL PIPES SHALL BE REAMED OUT TO FULL BORE AND BEFORE ERECTION THE INSIDE OF ALL PIPES SHALL BE THOROUGHLY CLEANED.

G. CONNECT NEW TO EXISTING IN A NEAT AND APPROVED MANNER, RESTORE EXISTING WORK DISTURBED TO ORIGINAL CONDITION.

H. PROVIDE ALL CAPS, VALVES AND OUTLETS AS REQUIRED ON EXISTING PIPING.

I. THE EXISTING PLUMBING SYSTEM SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF THIS PROJECT.
6. MATERIALS - GENERAL REQUIREMENTS
- A. ALL MATERIALS SHALL BE NEW AND THE BEST OF THEIR RESPECTIVE KINDS, SUITABLE FOR THE CONDITIONS AND DUTIES IMPOSED UPON SAME AT THE BUILDING. MATERIALS SHALL MATCH EXISTING FOR SIMILAR SERVICE EXCEPT AS OTHERWISE NOTES HEREIN. THEY SHALL GENERALLY BE OF REPRESENTATIVE MANUFACTURER. BRAND NAMES ARE SPECIFIED TO INDICATE A STANDARD OF QUALITY ONLY.

B. MISCELLANEOUS

a. PROVIDE THE FOLLOWING:
 - SCAFFOLDING, RIGGING HOISTING
 - CUTTING AND PATCHING A S REQUIRED FOR PLUMBING WORK
 - RUBBISH REMOVAL
 - SLEEVES AND OPENINGS (WATERPROOF SLEEVES AND FLASHING THRU WATERPROOF CONSTRUCTION)
 - CAULKING, PACKING AND FILLING OF SLEEVES AND OPENINGS
 - OPERATING AND MAINTENANCE INSTRUCTIONS
 - ACCESS DOORS FOR VALVES
 - SPARE PARTS AND TOOLS
 - PROTECTION OF WORK DURING CONSTRUCTION
 - ADJUSTING AND BALANCING
 - IDENTIFICATION: VALVE TAGS, VALVE TAG SCHEDULES
 - HANGER AND SUPPORTS FOR PIPING AND EQUIPMENT
 - CORE DRILLING EXISTING SLABS

7. DRAINAGE SYSTEM

A. SOIL, WASTE AND VENT PIPING SHALL BE CAST IRON "HUB & SPIGOT" ASTM A74 AND ANSI A401.1. NO-HUB CAST IRON PIPE SHALL BE PERMITTED ON ABOVE GROUND APPLICATIONS.

B. ALL CAST IRON SOIL PIPE AND FITTINGS SHALL B E MARKED WITH THE COLLECTIVE TRADEMARK OF THE CAST IRON SOIL PIPE INSTITUTE (CISPI) AND BE LISTED BY NSF INTERNATIONAL.

C. PIPING SUPPORTS SHALL BE SPACED AT FIVE FOOT INTERVALS AND AT EVERY HORIZONTAL CHANGE IN DIRECTION.

D. FOR DRAINAGE PIPING, SCREW PLUG CLEANOUTS SHALL BE PROVIDED AT EACH CHANGE OF DIRECTION.

E. FIXTURE TRAPS AND WASTE PIPING EXPOSED TO VIEW SHALL BE CHROME-PLATED BRASS.

8. WATER PIPING

A. THE CONTRACTOR SHALL INSTALL NEW DOMESTIC HOT AND COLD WATER PIPING CONNECTING TO FIXTURES REQUIRING SAME AS INDICATED ON THE DRAWINGS.

B. PIPING CONCEALED ABOVE SUSPENDED CEILINGS, OR WITHIN PARTITIONS, SHALL BE COPPER, TYPE "L," ASTM 888, WITH MATCHING FITTINGS AND CONFORMING TO THE REQUIREMENTS OF ANSI B16.18. JOINTS SHALL BE LEAD FREE SOLIDS OR MECHANICAL COMPRESSION TYPE.

9. HANGERS AND SUPPORTS

A. ALL PIPING SHALL BE SUBSTANTIALLY SUPPORTED FROM THE BUILDING STRUCTURE. ALL HANGERS, RODS AND SUPPORTS SHALL BE SPECIFICALLY APPROVED FOR USE INTENDED. HANGERS AND SUPPORTS SHALL BE INSTALLED IN STRICT CONFORMITY WITH ALL APPLICABLE CODE REQUIREMENTS.

B. WHERE OVERHEAD CONSTRUCTION DOES NOT PERMIT FASTENING OF HANGER RODS, INSERTS, ETC IN REQUIRED LOCATIONS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL STEEL FRAMING AS REQUIRED AND APPROVED.

C. EXPANSION SHIELDS SHALL BE PROVIDED TO SUPPORT HANGER RODS AT REQUIRED INTERVALS. EXPANSION SHIELDS SHALL BE "PHILLIPS" ANCHORS, HILTI CO OR APPROVED EQUAL.

D. CHAINS, STRAPS, PERFORATED BARS OR WIRE HANGERS SHALL NOT BE PERMITTED.

10. VALVES

A. THE CONTRACTOR SHALL FURNISH ALL VALVES, AS INDICATED ON THE DRAWINGS, OR AS MAY BE REQUIRED FOR THE PROPER CONTROL OF THE PIPE LINES INSTALLED UNDER THESE SPECIFICATIONS, SO THAT ANY FIXTURE, LINE OR PIECE OF APPARATUS MAY BE ISOLATE FOR REPAIR WITHOUT INTERRUPTION OF SERVICE TO THE REST OF THE BUILDING. ALL VALVES SHALL BE OF ONE MANUFACTURER.

B. VALVES SHALL BE AS MANUFACTURED BY MILWAUKEE VALVE MFG COMPANY, NISCO INC, CRANE, JENKINS OR APPROVED EQUAL.

C. VALVE PRESSURE AND TEMPERATURE RATINGS: NOT LESS THAN INDICATED AND AS REQUIRED FOR SYSTEM PRESSURES AND TEMPERATURES.

D. VALVE SIZES: SAME AS UPSTREAM PIPING UNLESS OTHERWISE INDICATED.

E. ALL GATE VALVES WITHIN THE BUILDING SHALL BE WEDGE GATE VALVES WITH PAINTED IRON WHEEL HANDLES. SHALL HAVE GLAND FOLLOWERS IN STIFFING BOXES AND SHALL HAVE BACKSEATS, SO THAT THEY MAY BE REPACKED WHILE OPEN AND UNDER PRESSURE. ALL VALVES SHALL HAVE THE NAME OF THE MANUFACTURER AND WORKING PRESSURE CAST OR STAMPED THEREON.

F. THE CONTRACTOR SHALL PROVIDE SOLDERED-TO-SCREWED ADAPTERS AS REQUIRED.

G. BRASS BALL VALVES: TWO-PIECE, FULL PORT, BRASS BALL VALVES WITH BRASS TRIM. STANDARD: MSS SP-10, SWP RATING: 150 PSIG, CWP RATING: 600 PSIG, THREADED WITH PTFE OR TFE SEATS.

H. BRONZE BALL VALVES: FULL-PORT, BRONZE BALL VALVE WITH BRONZE TRIM. STANDARD: MSS SP-110, SWP RATING: 150 PSI, CWP RATING: 600 PSI, THREADED WITH PTFE OR TFE SEATS.

I. IRON BALL VALVES: FULL-PORT, CLASS 125, SPLIT BODY, ASTM A126 GRAY IRON WITH STAINLESS STEEL STEM & BALL. STANDARD: MSS SP-72, CWP RATING: 200 PSIG, FLANGED WITH PTFE OR TFE SEATS.

J. BRONZE SWING CHECK VALVE: CLASS 125, BRONZE SWING WITH BRONZE DISC, ASTM B62 BRONZE. STANDARD MSS SP-80, TYPE 3, CWP RATING: 200 PSIG, HORIZONTAL FLOW, THREADED.

K. IRON SWING CHECK VALVES: CLASS 125, WITH METAL SEATS, ASTM A126 GRAY IRON WITH BOLTED BONNET: STANDARD MSS SP-71, TYPE I, CWP RATING: 200 PSIG, CLEAR OR FULL WATERWAY BODY DESIGN, FLANGED WITH BRONZE TRIM.

L. BRONZE GATE VALVE: CLASS 125, NRS BRONZE GATE VALVE, ASTM B62 BRONZE WITH INTEGRAL SEAT AND SCREW-IN BONNET. STANDARD MSS SP-80, TYPE I, CWP RATING: 200 PSIG, THREADED OR SOLDER JOINT, BRONZE STEM, SOLID WEDGE BRONZE DISC, MALLEABLE IRON HANDWHEEL.

M. IRON GATE VALVES: CLASS 125, NRS, ASTM A126 GRAY IRON WITH BOLTED BONNET. STANDARD MSS SP-70, TYPE I, CWP RATING: 200 PSIG, FLANGED, BRONZE TRIM, SOLID WEDGE DISC.

N. LUBRICATED PLUG VALVES: CLASS 125, REGULAR GLAND WITH THREADED ENDS, ASTM A48/A48M OR ASTM A126, CAST IRON WITH LUBRICATION SEALING SYSTEM. STANDARD MSS SP-78 TYPE II, CWP RATING: 200 PSIG, REGULAR OR SHORT PATTERN, PLUG, CAST IRON OR BRONZE WITH SEALANT GROOVE.

12. INSULATION

K. ALL NEW COLD AND HOT WATER PIPING, INCLUDING MAINS, AND BRANCHES SHALL BE INSULATED WITH MINERAL-FIBER COVERING WITH FACTORY-APPLIED ALL-SERVICE JACKET "ASJ" WITH SELF-SEALING LAPS, MOLDED FITTINGS, SECURELY WIRED ON WITH COPPER WIRE IN THICKNESS SHOWN BELOW.

L. INSULATION JACKETS SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS, AND A SMOKE DEVELOPED RATING OF 50 OR LESS.

M. INSULATION SHALL BE AS MANUFACTURED BY CERTAINTEE, JOHNS-MANVILLE, OR APPROVED EQUAL.

N. ALL INSULATED FITTINGS, SUCH AS, VALVES, FLANGES, ETC, SHALL BE COVERED IN A MANNER SIMILAR TO INSULATED PIPING. VALVE HANDLES SHALL NOT BE COVERED.

O. INSULATION COVERING SHALL BE CONTINUOUS THROUGH WALLS AND FLOORS.

P. CONTRACTOR SHALL FURNISH AND INSTALL "INSUL-SHIELD MULTI-PURPOSE PIPE SADDLE" AS MANUFACTURED BY INSUL-COUSTIC CORP. INSUL-SHIELD SHALL BE INSTALLED AT EACH SUPPORT POINT WHEN THE PIPE IS ERECTED. THE THICKNESS OF PRESS-GLASS SUPPORT SEGMENTS SHALL BE EQUAL TO THE THICKNESS OF THE ADJOINING INSULATION WHEN LOAD IS APPLIED.

Q. PROVIDE "TRUEBRO" PROTECTION SHIELDS OVER ALL EXPOSED LAVATORY TRAPS, DRAIN PIPING AND SHUT-OFF VALVES.

R. INSULATION THICKNESS:

a. DOMESTIC HOT AND RECIRCULATION HOT WATER:

- 1 1/4" AND SMALLER: MINERAL-FIBER, PREFORMED PIPE INSULATION, TYPE I, 1" THICK. MINIMUM CONDUCTIVITY: 0.21-0.28, BTU"IN/(H"FT2"°F).
- 1 1/2" AND LARGER: MINERAL-FIBER, PREFORMED PIPE INSULATION, TYPE I, 1 1/2" THICK. MINIMUM CONDUCTIVITY: 0.21-0.27, BTU"IN/(H"FT2"°F).

b. DOMESTIC COLD WATER:

- 1" AND SMALLER: MINERAL-FIBER, PREFORMED PIPE INSULATION, TYPE I, 1/2" THICK WITH VAPOR BARRIER. MINIMUM CONDUCTIVITY: 0.21-0.27, BTU"IN/(H"FT2"°F).
- 1 1/4" AND LARGER: MINERAL-FIBER, PREFORMED PIPE INSULATION, TYPE I, 1" THICK WITH VAPOR BARRIER. MINIMUM CONDUCTIVITY: 0.21-0.27, BTU"IN/(H"FT2"°F).

13. PLUMBING FIXTURES

I. ALL FITTINGS, ESCUTCHEONS, FAUCETS, TRAPS, EXPOSED PIPING, ETC SHALL BE BRASS CHROME PLATED OVER NICKEL PLATE WITH POLISHED FINISH. ANY HANGER NUTS VISIBLE SHALL ALSO BE CHROME PLATED OVER NICKEL PLATE.

J. BEFORE ROUGHING WORK IS STARTED, SUBMIT TO THE ARCHITECT COMPLETE FIGURED DRAWINGS AND CUTS OF EACH AND ALL OF THE PLUMBING FIXTURES, FITTINGS, TRIMMINGS, ETC AND SECURE APPROVAL BEFORE PROCEEDING WITH INSTALLATION. THESE DRAWINGS SHALL SHOW ACCURATELY THE LOCATIONS AND INDICATED IF AND WHERE DIMENSIONS ON ARCHITECTURAL DRAWINGS CONFLICT.

K. PROVIDE ALL HANGERS, SUPPORTS, BRACKETS, ETC FOR THE PROPER INSTALLATION OF THE SINK, ETC REQUIRING SUPPORT. SUPPORTS SHALL BE IN ACCORDANCE WITH THE RECOMMENDATION OF THE MANUFACTURER.

14. ALL PLUMBING FIXTURES AND TRIM SHALL COMPLY WITH THE LATEST EDITION OF THE NJ UNIFORM CONSTRUCTION CODE AND NSPC, LATEST EDITION.

15. PLUMBING SPECIALITIES

A. SLEEVES

a. THE CONTRACTOR SHALL PROVIDE 22 GAUGE, MINIMUM GALVANIZED IRON-SCHEDULE 40 THROUGHOUT, FOR INTERIOR WALLS, CEILINGS AND PARTITIONS.

b. CAST IRON OR STEEL PIPING EXTENDED 2 INCHES ABOVE FINISHED FLOOR, BEAMS INTERIOR MACHINE ROOM FLOORS, SPRINKLERED AREA FLOORS, CONTINUOUSLY WELDED CENTER FLANGE THROUGH EXTERIOR FOUNDATION WALLS, SEAL PIPE WATERTIGHT IN THE SLEEVE.

c. PROJECTING FLASHING TYPE

- THROUGH INTERIOR MEMBRANE WATERPROOFED FLOORS, EXCEPT AS NOTED, CAST IRON WITH INTEGRAL FLASHING FLANGE AND CLAMPING RING, JAY R. SMITH NO. 1760, OR APPROVED EQUAL.
- ADJUST TO FLOOR CONSTRUCTION WITH GALVANIZED STEEL PIPE NIPPLE AND BOTTOM EXTENDING TWO INCHES ABOVE FINISHED FLOORS.
- SEAL PIPE WATERTIGHT IN SLEEVE WITH ASPHALT OR MASTIC SEALANT.

B. ESCUTCHEONS:

a. CAST IRON OR CAST BRASS, DEEP TYPE, TO COVER SLEEVE HUBS OR FITTING PROJECTIONS. PROVIDE FOR EXPOSED PIPING THROUGH FLOORS, CEILINGS, WALLS AND PARTITIONS. CHROMIUM PLATED FINISH AT TILE WALLS.

C. CLEANOUTS:

a. PROVIDE CAST BRASS PLUGS, SIZED TO MATCH THE SIZE OF THE PIPE.

b. FOR PIPING IN OR BACK OF WALLS AND PARTITIONS, PROVIDE CAST BRASS PLUGS WITH STAINLESS STEEL ACCESS COVER, JAY R. SMITH, SERIES 4400, OR AN APPROVED EQUAL.

c. PROVIDE UNDERGROUND PIPING DUCT CAST IRON CLEAN-OUT WITH ROUND ADJUSTABLE SCORIATED NICKEL BRONZE TOP, JAY R. SMITH SERIES 4000.

D. SHOCK ABSORBER DEVICES:

a. PROVIDE SHOCK ABSORBING DEVICES TO PROTECT WATER SUPPLY PIPING FROM WATER HAMMER.

b. SHOCK ABSORBERS SHALL BE SIOUX CHIEF SERIES 650 "HYDRA-RESTER AS INDICATED ON DRAWINGS. WHERE NOT SHOWN, LOCATE AND SIZE IN ACCORDANCE WITH STANDARDS ESTABLISHED BY THE PLUMBING AND DRAINAGE INSTITUTE, STANDARD PDI-WH 201, AND AS RECOMMENDED BY MANUFACTURER.

c. PROVIDE ADEQUATE SUPPORT FOR SHOCK ABSORBING DEVICES AS APPROVED, TO PREVENT STRAIN ON PIPING.

d. PROVIDE ACCESS DOOR OR LOCATE WHA IN ACCESSIBLE LOCATION.

16. TESTS

A. UPON COMPLETE INSTALLATION OF ALL FIXTURES, EQUIPMENT, WATER AND WASTE PIPING, ETC UNDER THIS CONTRACT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER OF READINESS FOR INSPECTION AND MAKE ALL TESTS REQUIRED BY AUTHORITIES HAVING JURISDICTION. ALL TESTS SHALL BE COMPLETED BEFORE AN APPLICATION FOR FINAL ACCEPTANCE OF THE WORK WILL BE CONSIDERED.

17. DISSIMILAR METALS

A. CONNECTIONS BETWEEN DISSIMILAR METALS, SUCH AS FERROUS AND NON-FERROUS, SHALL BE ISOLATED BY MEANS OF A DIELECTRIC MATERIAL SUCH AS TEFLON MICARTA OR SCREWED INSULATING UNIONS MANUFACTURED BY EPOC SALES, INC. TO PREVENT GALVANIC CORROSION.

18. SHOP DRAWINGS

A. SUBMIT TO THE ENGINEER FOR APPROVAL SIX (6) COPIES OF SHOP DRAWINGS AND MANUFACTURER'S MANUALS AND TECHNICAL DATA FOR THE FOLLOWING: ALL FIXTURES, EQUIPMENT, PIPING, INSULATION, VALVES, ETC.

B. SHOP DRAWINGS SHALL INCLUDE DIMENSIONS, MATERIALS AND AUXILIARY EQUIPMENT.

19. SPECIFYING CONDITIONS

A. IT SHALL BE MANDATORY FOR ALL BIDDERS TO VISIT THE SITE AND INSPECT ALL EXISTING CONDITIONS FIRSTHAND. ARRANGEMENTS FOR INSPECTION SHALL BE FIRST CONFIRMED WITH THE OWNER.

B. BEFORE STARTING ANY WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING ALL EXISTING CONDITIONS, AND THOROUGHLY CHECK DRAWINGS, SPECIFICATIONS, ADJOINING OR UNDERLYING CONDITIONS IN WHICH THE WORK OF THESE SPECIFICATIONS IS TO BE PERFORMED, AND ALL DIMENSIONS. EXECUTION OF WORK OF THESE DRAWINGS AND SPECIFICATIONS CONSTITUTES ACCEPTANCE BY THE CONTRACTOR OF THE BASE OF ADJOINING WORK AND OTHER CONDITIONS INCLUDING BUT NOT LIMITED TO THOSE ENUMERATED HEREIN AS SATISFACTORY IN EVERY RESPECT. LATER CLAIMS RESULTING FROM DEFECTS THAT WERE UNFORESEEN BECAUSE SUCH EXAMINATION WAS NOT MADE, SHALL NOT BE ALLOWED.

C. THE CONTRACTOR SHALL REPORT IN WRITING, TO THE OWNER WITH A COPY TO THE ENGINEER, ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK OF THESE SPECIFICATIONS.

D. THE CONTRACTOR SHALL NOT COMMENCE ANY WORK UNTIL ANY AND ALL SUCH ABOVE-MENTIONED CONDITIONS HAVE BEEN CORRECTED.

E. THE CONTRACTOR'S FAILURE TO NOTIFY THE OWNER AND/OR THE ENGINEER OF UNSATISFACTORY CONDITIONS WILL BE CONSTRUED AS AN ACCEPTANCE BY THE CONTRACTOR OF ALL CONDITIONS.

20. CLEANING

A. THE CONTRACTOR SHALL NEATLY PILE, STORE AND PROTECT ALL MASTERS IN LOCATIONS ON THE PREMISES WHERE APPROVED AND DIRECTED BY THE OWNER. THE CONTRACTOR SHALL MAINTAIN A NEAT AND CLEAN WORKPLACE AT ALL TIMES DURING WORK OPERATIONS ON THE INTERIOR OF THE BUILDINGS, AND SHALL REMOVE ALL REFUSE AND DEBRIS FROM ALL AREAS, AND LEAVE ALL AREAS IN BROOM-CLEAN CONDITION UPON COMPLETION OF THE WORK.

21. DISINFECTION

A. AT COMPLETION OF CONSTRUCTION, FLUSH AND CLEAN POTABLE WATER LINES IN CONFORMATION WITH AWWA C601-88, "DISINFECTING WATER MAINS". AFTER FINAL FLUSHING, MAKE A TEST OF THE RESIDUAL CHLORINE CONTENT OF THE WATER AND SUBMIT RESULTS TO THE ENGINEER AND AUTHORITIES HAVING JURISDICTION FOR APPROVAL.

22. GUARANTEES

A. ALL WORK SHALL BE GUARANTEED TO BE FREE FROM LEAKS OR DEFECTS. ANY DEFECTIVE MATERIALS OR WORKMANSHIP SHALL BE REPLACED OR REPAIRED AS DIRECTED FOR THE DURATION OF GUARANTEED PERIOD (ONE YEAR). ANY DAMAGE TO THE WORK OF ALL TRADES RESULTING FROM SAME SHALL BE REPLACED OR REPAIRED AS DIRECTED BY ARCHITECT/OWNER.



MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550

SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

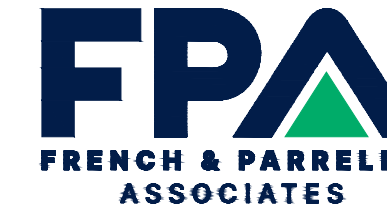
Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States

Tel 704.377.2725
Fax 704.377.2807



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com



Corporate Office:
1800 Rt 34, Suite 101
Wall, New Jersey 07719
732.312.9800

FPAengineers.com

PROGRESS SET NOT FOR CONSTRUCTION

AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. NO. 240604842100

Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

NOT FOR CONSTRUCTION

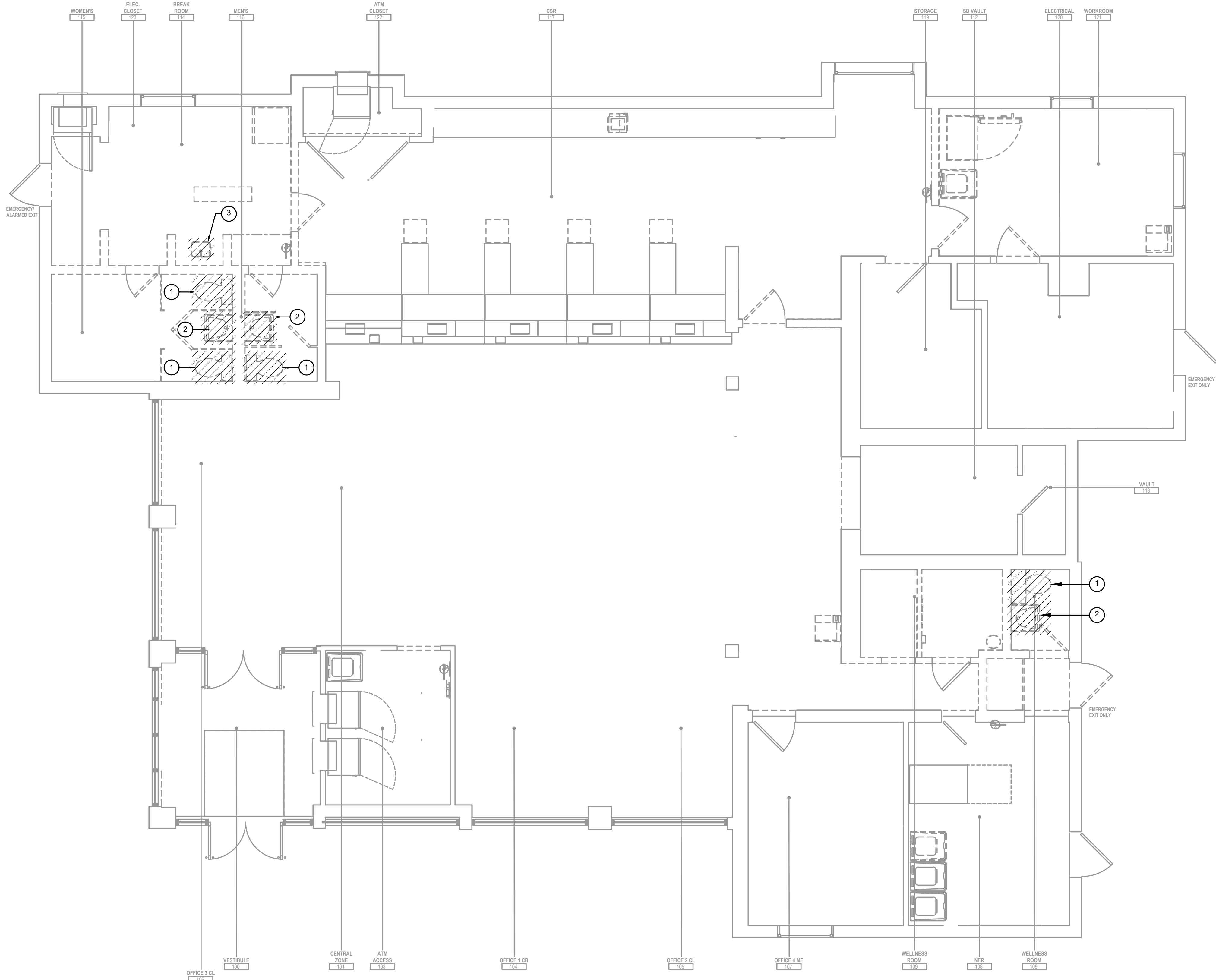
Project Name
MEADOW HILL
Project Number
059.8400.015
Description

MECHANICAL -
PLUMBING SPECIFICATIONS

Scale

As indicated

P01.02



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

DEMOLITION KEY NOTES

- 1 DISCONNECT AND REMOVE EXISTING FLOOR MOUNTED WATER CLOSET, CLOSET FLANGE AND FLUSH VALVE. REMOVE SANITARY AND COLD WATER PIPING BACK TO RESPECTIVE MAINS AND CAP. PATCH ALL SURFACES DISTURBED OR LEFT UNFINISHED BY THIS WORK TO MATCH ADJACENT SURFACES.
- 2 DISCONNECT AND REMOVE EXISTING LAVATORY, FAUCET AND ALL ASSOCIATED SUPPORTS. REMOVE SANITARY AND COLD WATER PIPING BACK TO RESPECTIVE MAINS AND CAP. PATCH ALL SURFACES DISTURBED OR LEFT UNFINISHED BY THIS WORK TO MATCH ADJACENT SURFACES.
- 3 DISCONNECT AND REMOVE EXISTING PANTRY SINK, FAUCET AND ALL ASSOCIATED SUPPORTS. REMOVE SANITARY, VENT, HOT WATER AND COLD WATER PIPING BACK TO RESPECTIVE MAINS AND CAP. PATCH ALL SURFACES DISTURBED OR LEFT UNFINISHED BY THIS WORK TO MATCH ADJACENT SURFACES.



MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com



**PROGRESS SET
NOT FOR CONSTRUCTION**
AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 24GED4842100

△ Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

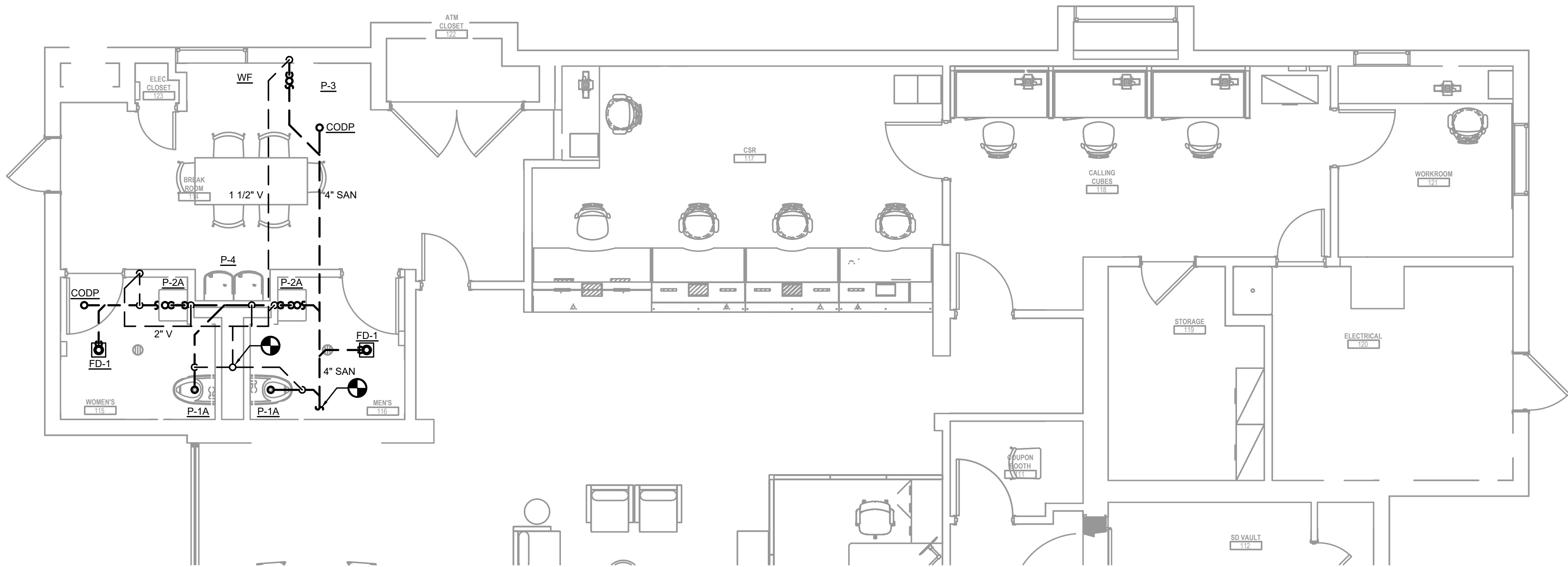
**NOT FOR
CONSTRUCTION**

Project Name
MEADOW HILL
Project Number
059.8400.015
Description

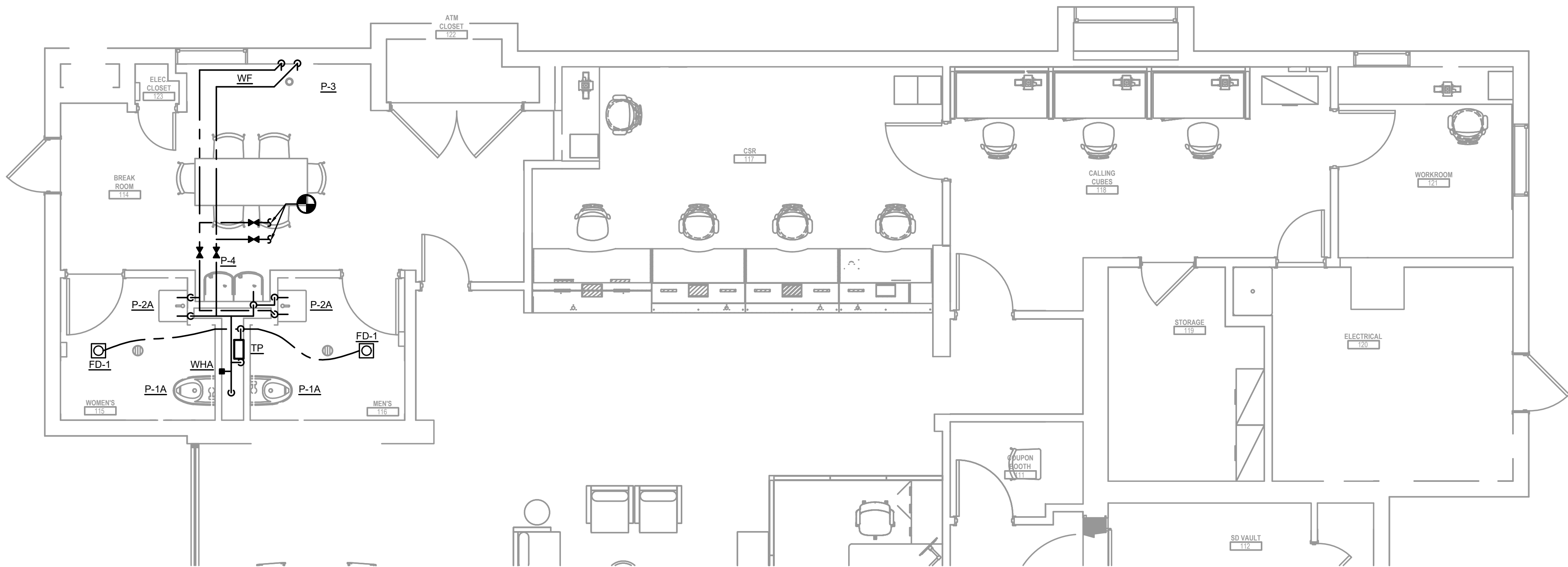
MECHANICAL -
PLUMBING DEMOLITION PLAN

Scale
As indicated

P02.01



SANITARY AND VENT PIPING PARTIAL PLAN
SCALE: 1/4" = 1'-0"



DOMESTIC WATER PIPING PARTIAL PLAN
SCALE: 1/4" = 1'-0"

KEY NOTES

- 1 4" VENT UP. CONNECT TO EXISTING VENT THRU ROOF.
- 2 EXTEND AND CONNECT 4" SANITARY TO EXISTING SANITARY. EXTEND AND CONNECT 1" CW TO EXISTING COLD WATER BEHIND WALL. MODIFY, EXTEND AND/OR ADJUST EXISTING PIPING AS REQUIRED TO MAKE CONNECTIONS TO WATER CLOSET. PATCH ALL SURFACES DISTURBED OR LEFT UNFINISHED BY THIS WORK TO MATCH ADJACENT SURFACES.
- 3 EXTEND 1 1/2" SANITARY AND CONNECT TO EXISTING SANITARY PIPING AT WALL. EXTEND 1/2" CW AND 1/2" HW AND CONNECT TO EXISTING PIPING AT WALL. MODIFY EXISTING PIPING AS REQUIRED TO MAKE CONNECTIONS TO LAVATORY.
- 4 1/2" CW DN TO CABINET BELOW COUNTER. PROVIDE SHUT OFF VALVE AND WATTS SERIES LF7R DUAL CHECK VALVE TO COFFEE MACHINE. COORDINATE WITH MILLWORK CONTRACTOR FOR EXACT LOCATION WITHIN CABINET.
- 5 CONNECT TO EXISTING 1" COLD WATER AND HOT WATER PIPING. PROVIDE SHUTOFF VALVES AT CONNECTION.



MEDIUM RENOVATION

1414 NY-300,
NEWBURGH, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807



CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com



Corporate Office:
1800 Rte 34, Suite 101
Wall, New Jersey 07719
732.312.9800
FPAengineers.com

PROGRESS SET
NOT FOR CONSTRUCTION
AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 24GED4842100

△ Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name
MEADOW HILL

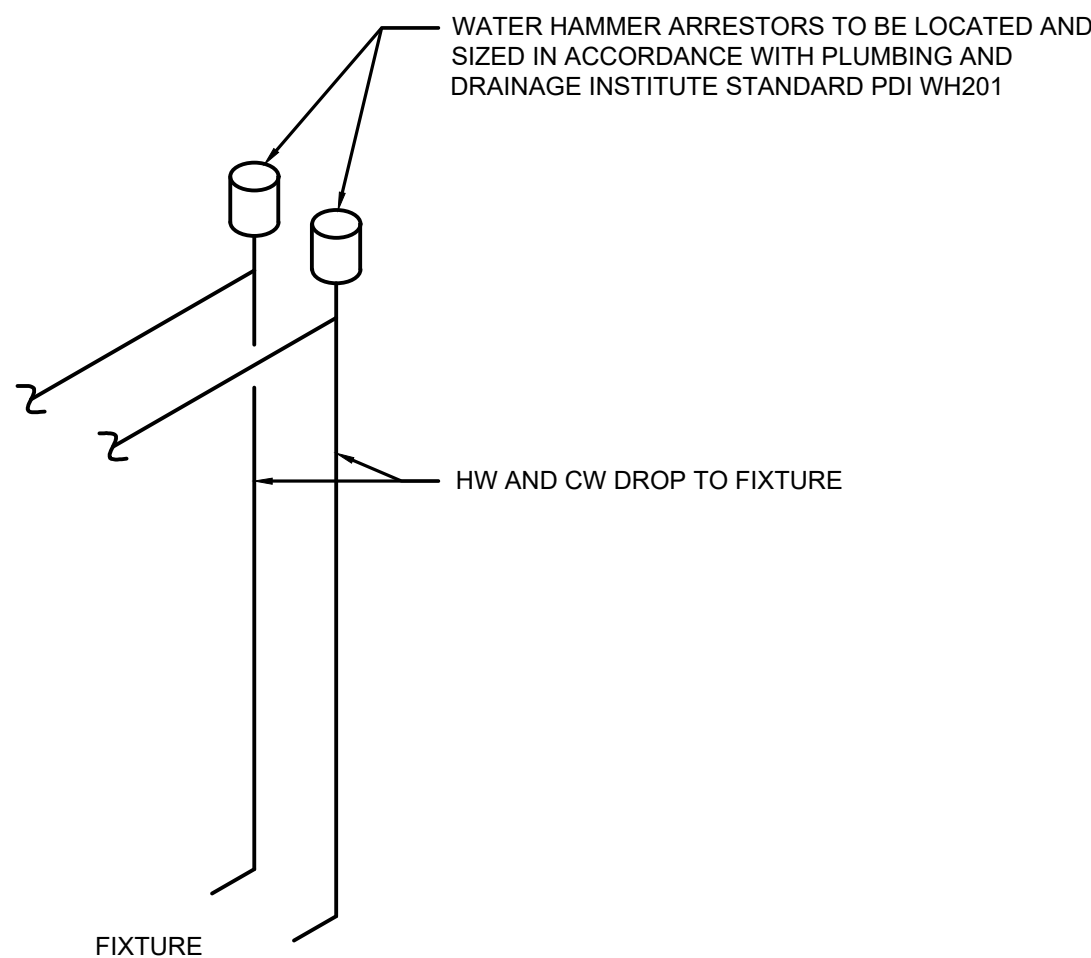
Project Number
059.8400.015

Description

MECHANICAL -
PLUMBING NEW WORK PLAN

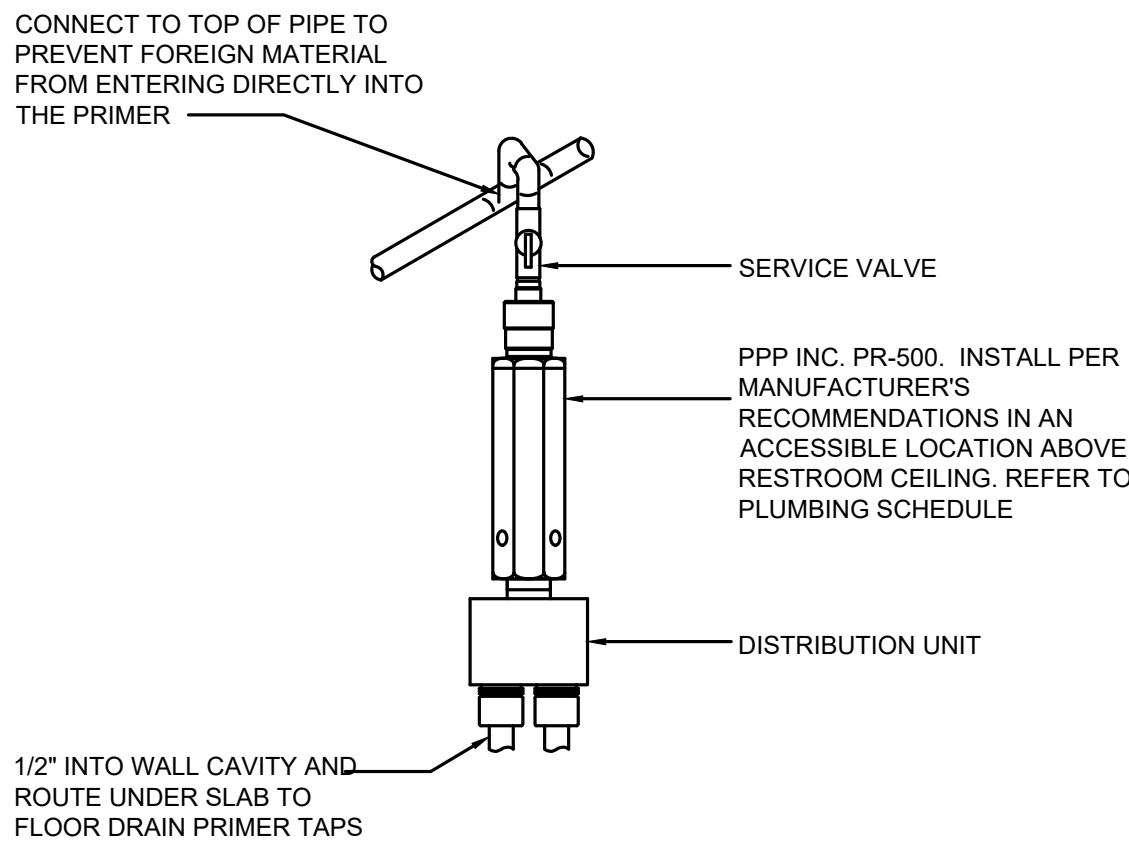
Scale
As indicated

P03.01



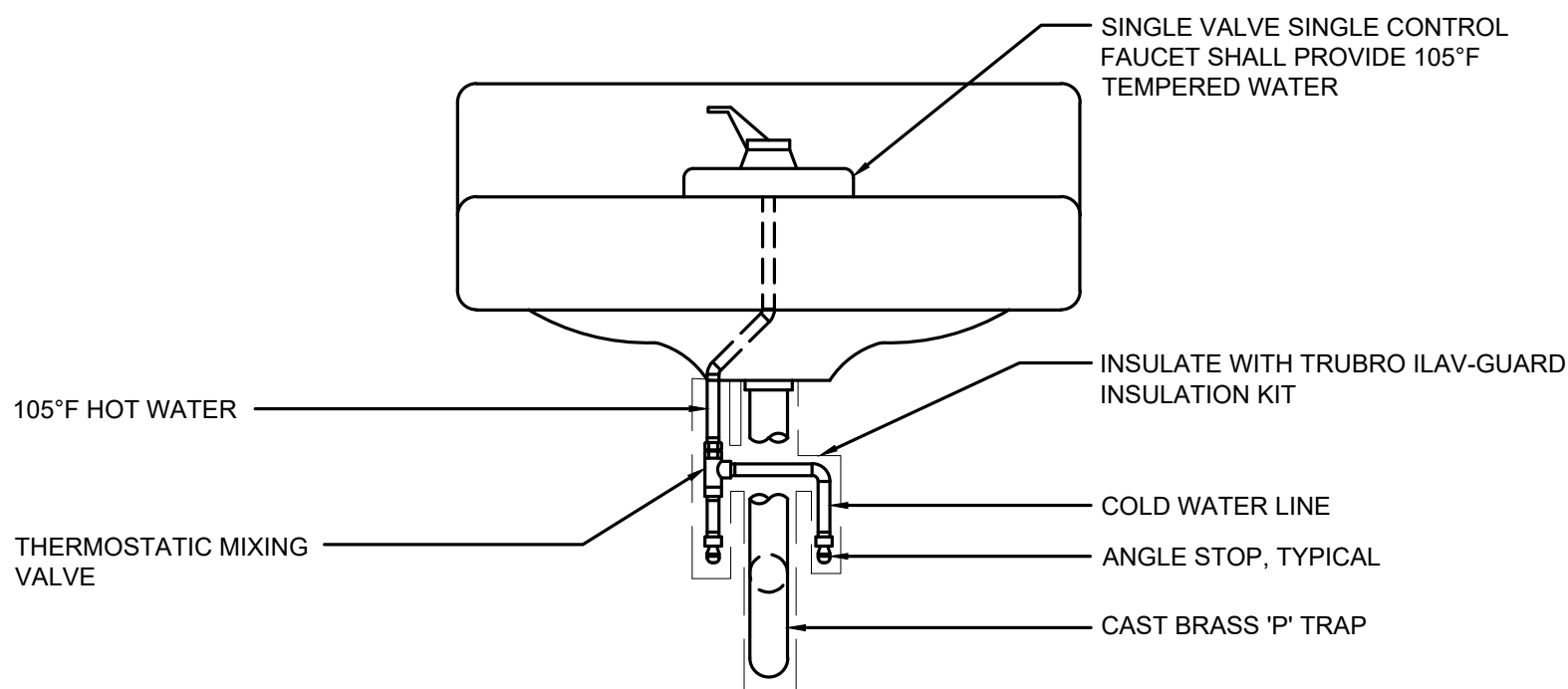
TYPICAL WATER PIPE DETAIL FOR SINGLE FIXTURE
NOT TO SCALE

1



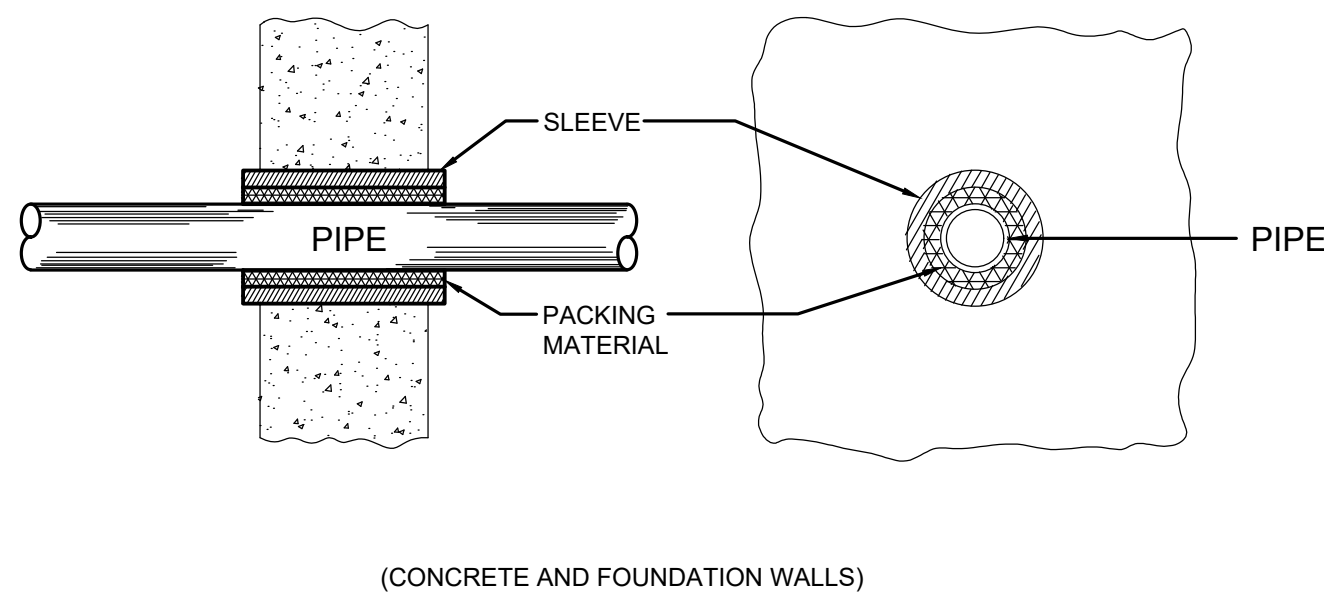
FLOOR DRAIN TRAP PRIMER DETAIL
NOT TO SCALE

2



TYPICAL LAVATORY PIPING DETAIL
NOT TO SCALE

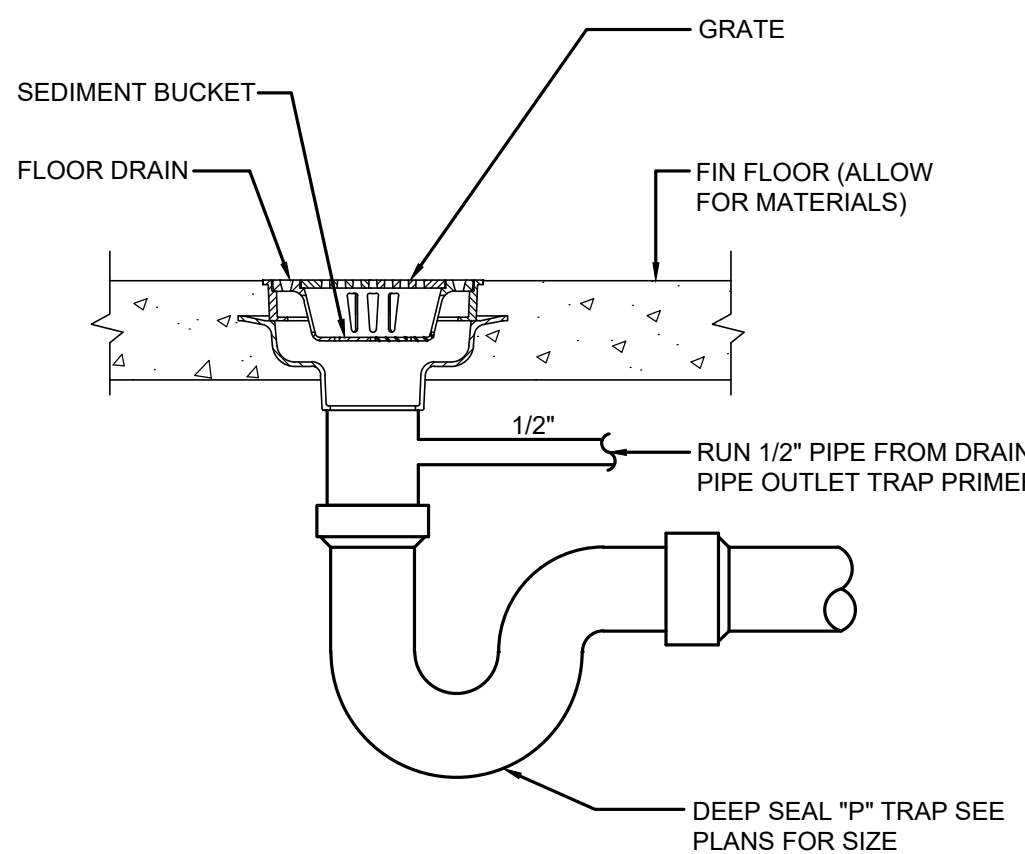
3



NOTE:
NO STRUCTURAL STRAIN SHOULD BE TRANSMITTED FROM ANY WALL TO THE PIPING SYSTEM. THE SLEEVING, RELIEVING ARCH, OR STRUCTURAL BEAM SUPPORT METHODS PROTECT THE PIPING FROM SUPERIMPOSED LOADS. THE "PACKING" MATERIAL AROUND THE PIPE IS FLEXIBLE ENOUGH TO RESPOND TO SETTLING IN THE STRUCTURE OR PIPING.

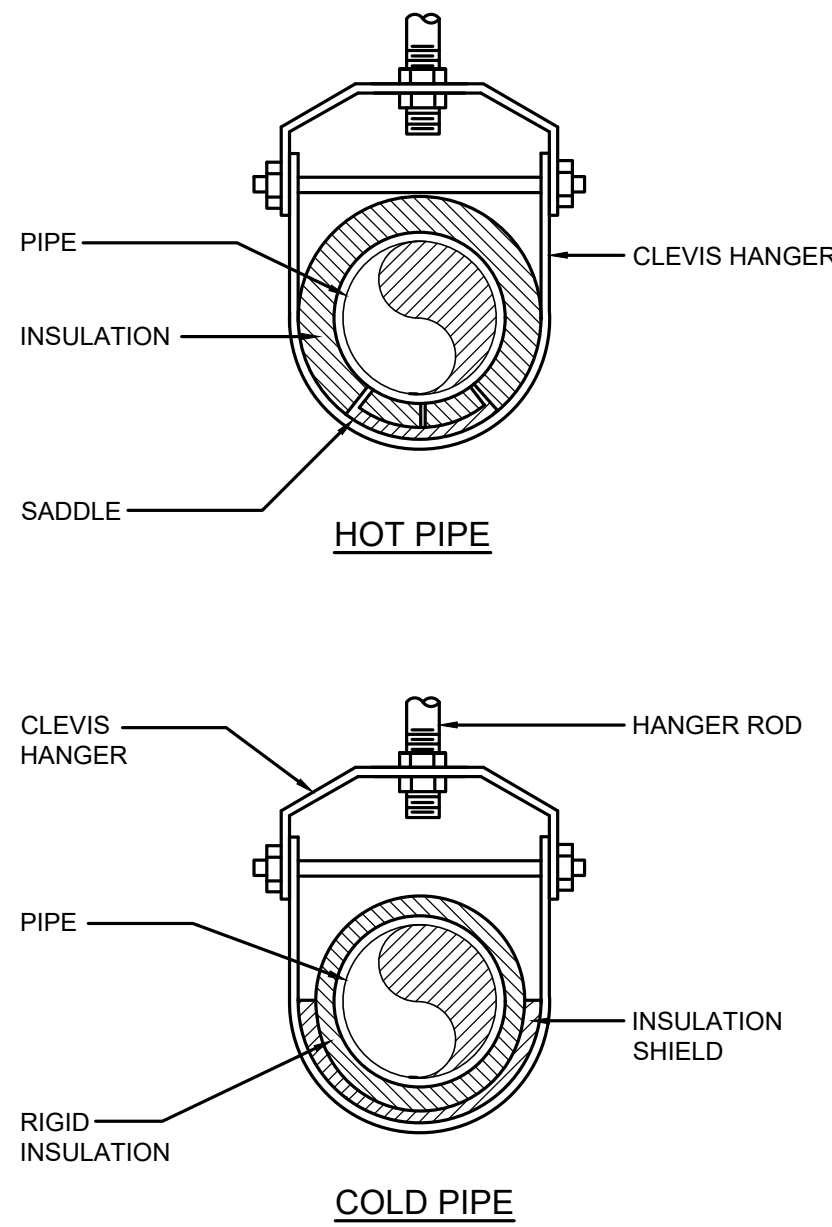
PIPE THRU WALL DETAIL
NOT TO SCALE

4



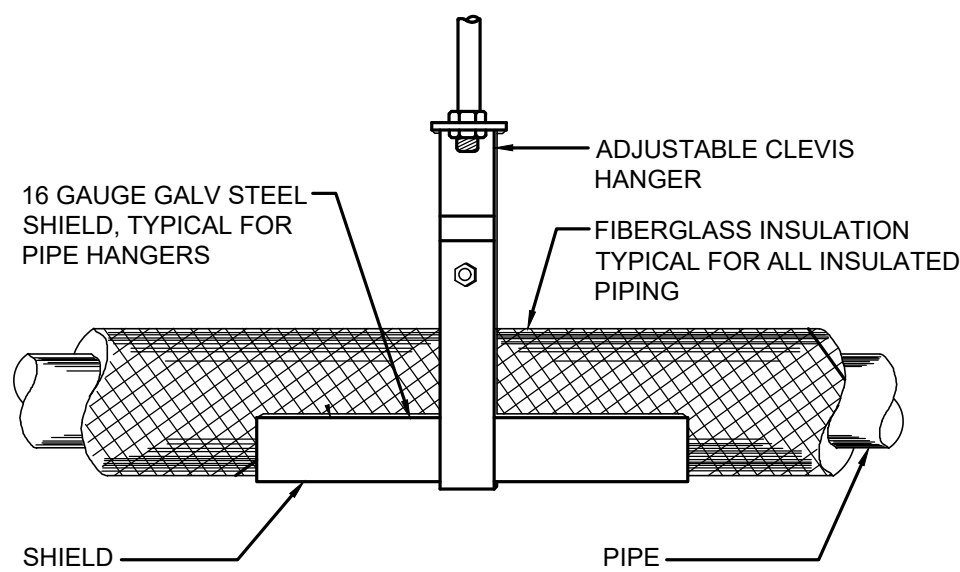
TYPICAL FLOOR DRAIN DETAIL
NOT TO SCALE

5



INSULATED PIPE ON CLEVIS HANGER DETAIL
NOT TO SCALE

6



TYPICAL PIPE HANGER DETAIL
NOT TO SCALE

7

MEDIUM RENOVATION
1414 NY-300,
NEWBURGH, NY 12550
SERIAL NUM./MANH. ID: NY6-225
NRSP VERSION: 4.0
BULLETIN: 01-2023
DOB NUMBER: XXX-XXX

Gensler

101 South Tryon Street
Suite 2100
Charlotte, NC 28280
United States
Tel 704.377.2725
Fax 704.377.2807

CBRE

CBRE Third Party Project Management
John Olsson
John.Olsson@cbre.com

FPA
FRENCH & PARRELLO
ASSOCIATES

Corporate Office:
1800 Rte 34, Suite 101
Wall, New Jersey 07719
732.312.9800
FPAengineers.com

PROGRESS SET
NOT FOR CONSTRUCTION
AMIN H. GOMAA, PE
PROFESSIONAL ENGINEER, NJ LIC. No. 24GED4842100

Date	Description
06.25.2024	90% DESIGN DEVELOPMENT

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

MEADOW HILL

Project Number

059.8400.015

Description

MECHANICAL -
PLUMBING DETAILS & RISER DIAGRAMS

Scale

As indicated

P04.01